

STRUCTURES UNDER SEPARATE PERMIT:

THE FOLLOWING STRUCTURES ARE SUBMITTED TO COUNTY OF FRESNO FOR APPROVAL AND ISSUANCE OF SEPARATE PERMITS:

I. PHASE I: SITE AND SHADE STRUCTURE 2. PHASE 3: WAREHOUSE

DEFERRED APPROVAL:

- I. FIRE SPRINKLERS: CONTRACTOR TO SUBMIT PLANS TO AND OBTAIN PERMIT FROM FRESNO COUNTY PRIOR TO INSTALLATION OF THE FIRE SPRINKLERS. LAYOUT AND DETAIL OF THE FIRE SPRINKLER SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT AND "FRESNO FIRE DEPARTMENT (FFD) PRIOR TO SUBMITTING THE PLANS TO FRESNO COUNTY. THE FIRE SPRINKLER SYSTEM SHALL BE INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR AND SHALL BE INSPECTED AND APPROVED BY THE APPROPRIATE FIRE MARSHALL PRIOR TO APPROVAL OF OCCUPANCY OF THE BUILDING. SEE SPECIFICATIONS.
- 2. FIRE ALARMS: CONTRACTOR SHALL SUBMIT PLANS TO AND OBTAIN PERMIT FROM FRESNO COUNTY AND FRESNO FIRE DEPARTMENT FOR THE INSTALLATION OF FIRE ALARM SYSTEM. SEE SPECIFICATIONS. SENERAL CONTRACTOR SHALL COORDINATE FIRF AI ARM SYSTEM INTERFACES BETWWEEN FIRE ALARM CONTRACTOR, SPRINKLER, CONTRACTOR, MECHANICAL CONTRACTOR AND ANY OTHER PERTINENT TRACES (FIRE ALARM, SPRINKLER SYSTEM, HOOD AND VENT EXTINGUISHING SYSTEM, HVAC, FIRE SMOKE DAMPERS, ETC.) ALL WORK MUST REMAIN VISIBLE AND MAY NOT BE COVERED UNTIL REQUIRED FIRE INSPECTIONS HAVE BEEN COMPLETED BY THE FIRE DEPARTMENT.

3

2

4

GENERAL NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE TO STRICTLY COMPLY WITH DIMENSIONS ON THE DRAWINGS RELATING TO ACCESSIBILITY ELEMENTS. DIMENSIONS THAT DO NOT SPECIFY "MINIMUM" (MIN) OR "MAXIMUM" (MAX) TOLERANCES SHALL BE CONSIDERED AS "ABSOLUTE". MINIMUM AND MAXIMUM DIMENSIONS SHALL BE CONSIDERED THE ABSOLUTE TOLERANCE LIMITS. ACCESSIBILITY ELEMENTS INSTALLED THAT DO NOT COMPLY WITH DIMENSIONAL CONSTRAINTS SHALL BE REMOVED AND REINSTALLED WITH NO ADDITIONAL COST TO THE COUNTY OF FRESNO.
- 2. CHANGES FROM THE APPROVED PLANS DURING THE COURSE OF CONSTRUCTION SHALL CAUSE CONSTRUCTION SPECIFIC TO THE AREA OF CHANGE TO BE SUSPENDED UNTIL SUCH TIME AS THE PLANS CAN BE AMENDED BY THE ARCHITECT AND SUBMITTED TO THE COUNTY FOR REVIEW AND APPROVAL [CBC 107].
- 3. THE CONTRACTOR SHALL PROVIDE (1) ONE N.F.P.A. CLASS 2A-10BC FIRE EXTINGUISHER AT THE JOB SITE DURING CONSTRUCTION.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE WORK SITE IN A SECURED CONDITION.
- 5. CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION AND CBC CHAPTER 33, SAFEGUARDS DURING CONSTRUCTION SHALL BE STRICTLY FOLLOWED.
- 6. THE APPROVAL OF THESE PLANS AND SPECIFICATIONS DOES NOT PERMIT THE VIOLATION OF ANY SECTION OF THE BUILDING CODE, MUNICIPAL ORDINANCES, OR STATE LAWS.
- 7. THESE APPROVED PLANS AND RELATED DOCUMENTS MUST BE AVAILABLE AT THE JOB SITE DURING ANY INSPECTION ACTIVITY.
- 8. SOILS AND SPECIAL CONCRETE TESTING SHALL BE CONDUCTED BY THE FRESNO COUNTY MATERIALS AND TESTING LABORATORY.
- 9. STEEL FABRICATION SPECIAL INSPECTION SHALL BE CONDUCTED BY KRAZAN AND ASSOCIATES, 215 WEST DAKOTA AVENUE CLOVIS, CA 93612 (559-348 2200)
- 10. CONTRACTOR SHALL PROVIDE A CHEMICAL TOILET ON SITE DURING CONSTRUCTION.
- II. CONSTRUCTION WASTE MANAGEMENT PLAN MUST BE FINALIZED PRIOR TO OCCUPANCY.

FRESNO FIRE DEPARTMENT NOTES:

- SUBMIT PLANS TO AND OBTAIN PERMIT FROM THE FIRE PREVENTION DIVISION FOR THE INSTALLATION OR MODIFICATION OF FIRE SPRINKLER SYSTEM. INSTALLATIONS MUST ALSO COMPLY WITH FFD POLICY SECTION 405. FFD POLICIES CAN BE FOUND ON THE FIRE DEPARTMENT WEBPAGE UNDER FIRE PREVENTION & INVESTIGATION, FIRE DEPARTMENT POLICIES.
- 2. SUBMIT PLANS TO AND OBTAIN PERMIT FROM THE FIRE PREVENTION DIVISION FOR THE INSTALLATION OR MODIFICATION OF FIRE ALARM SYSTEM. SEE FFD POLICY 401.012.
- 3. THE GENERAL CONTRACTOR SHALL COORDINATE THE FIRE ALARM SYSTEM INTERFACES BETWEEN THE FIRE ALARM CONTRACTOR, SPRINKLER CONTRACTOR, MECHANICAL CONTRACTOR AND ANY OTHER PERTINENT TRADES (FIRE ALARM, SPRINKLER SYSTEM, HOOD AND VENT EXTINGUISHING SYSTEM, HVAC, FIRE SMOKE DAMPERS, ETC.). ALL WORK MUST REMAIN VISIBLE AND MAY NOT BE COVERED UNTIL THE REQUIRED FIRE INSPECTIONS HAVE BEEN COMPLETED BY THE FIRE DEPARTMENT.
- 4. EMERGENCY ALARM SYSTEM INTERCONNECTION REQUIREMENTS: WHERE AN EMERGENCY ALARM SYSTEM IS REQUIRED BY THIS SECTION AND A BUILDING FIRE ALARM IS INSTALLED, THE EMERGENCY ALARM SYSTEM SHALL BE INTERCONNECTED WITH AND SUPERVISED BY THE BUILDING FIRE ALARM SYSTEM. FMC 10-50908.4 AND NFPA SECTIONS 10.7 AND IO.IO. IF APPLICABLE.
- 5. ALL WEATHER ACCESS ROADS SHALL BE INSTALLED AND MAINTAINED IN A SERVICEABLE CONDITION PRIOR TO AND DURING CONSTRUCTION. (FFD DEVELOPMENT POLICY 403.002)
- 6. ADDRESS IDENTIFICATION. FOR NEW AND EXISTING BUILDINGS, THE FIRE CODE OFFICIAL IS AUTHORIZED TO REQUIRE APPROVED ADDRESS OR BUILDING IDENTIFICATION SIGNAGE AS NEEDED TO READILY DETERMINE THE BUILDING OR AREA OF A BUILDING PROTECTED BY FIRE DEPARTMENT CONNECTIONS. FMC SECTION 10-50912.2.3.

6

5

FRESNO COUNTY ENVIRONMENTAL COMPLIANCE CENTER PHASE 2 - OFFICE / STORAGE BUILDING

310 S. West Avenue Fresno CA, 93706

7

8

9

10

CODE CITATIONS:

THE LATEST ADOPTED ADDITIONS OF THE CODES, STANDARDS AND REGULATIONS REQUIRED BY THE LOCAL JURISDICTION SHALL GOVERN ALL WORK IN THESE CONSTRUCTION DOCUMENTS INDICATED BY THE FOLLOWING.

APPLICABLE STATE CODES:

| TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS |
|--|
| TITLE 24 CCR, PART I - 2019 BUILDING STANDARDS ADMINISTRATIVE CODE |
| TITLE 24 CCR, PART 2 - 2019 CALIFORNIA BUILDING CODE (CBC) |
| TITLE 24 CCR, PART 3 - 2019 CALIFORNIA ELECTRICAL CODE (CEC) |
| TITLE 24 CCR, PART 4 - 2019 CALIFORNIA MECHANICAL CODE (CMC) |
| TITLE 24 CCR, PART 5 - 2019 CALIFORNIA PLUMBING CODE (CPC) |
| TITLE 24 CCR, PART 6 - 2019 CALIFORNIA ENERGY CODE |
| TITLE 24 CCR, PART 9 - 2019 CALIFORNIA FIRE CODE (CFC) |
| TITLE 24 CCR, PART II - 2019 CALIFORNIA GREEN BUILDING STANDARDS |
| TITLE 24 CCR, PART 12- 2019 CALIFORNIA REFERENCED STANDARDS |
| |

APPLICABLE CODE OF ORDINANCE: COUNTY OF FRESNO ORDINANCE TITLE 15

APPLICABLE REFERENCE STANDARDS:

2019 NFPA 13, AUTOMATIC SPRINKLER SYSTEMS (CA AMENDED) 2019 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED); SEE UL STD. 1971 FOR "VISUAL DEVICES"

SHEET INDEX:

GO.O COVER

| | TECTURAL SHEETS 13 SHEETS |
|--|---|
| AI.I AI.2 A2.I | REFERENCE OVERALL SITE PLAN (SUBMITTED AS PHASE I) REFERENCE ENLARGED SITE PLAN (SUBMITTED AS PHASE I) FLOOR PLANS & ELEVATIONS |
| A2.2 A3.1 A3.2 A3.3 | REFLECTED CEILING PLAN & ROOF PLAN INTERIOR ELEVATIONS & FINISH SCHEDULE DOOR SCHEDULE & WINDOW ELEVATION TYPICAL DETAILS |
| A4.I A4.2 A4.3 | BUILDING SECTIONS & WALL SECTIONS WALL SECTIONS CANOPY DETAILS |
| A5.1 A5.2 A5.3 | CALGREEN COMPLIANCE SHEET I CALGREEN COMPLIANCE SHEET 2 CALGREEN COMPLIANCE SHEET 3 |
| 52.I 52.2 | TURAL SHEETS <u>3 SHEETS</u> FOUNDATION PLAN & DETAILS ROOF FRAMING PLAN, CEILING FRMING PLAN & DETAILS CANOPY DETAILS |
| PI.2 P2.0 | OFFICE/ STORAGE BUILDING PLUMBING PLAN OFFICE/ STORAGE BUILDING PLUMBING SCHEDULES AND DETA OFFICE/ STORAGE BUILDING RISER DETAILS |
| <u>MECH/</u> MI.O M2.O M2.I M2.2 M2.3 | ANICAL SHEETS <u>5 SHEETS</u> OFFICE/ STORAGE/ TOILET ROOM BUILDING MECHANICAL PLA OFFICE BUILDING MECHANICAL SCHEDULES AND DETAILS MECHANICAL SCHEDULES AND DETAILS MECHANICAL TITLE 24 MECHANICAL TITLE 24 |
| EI.I EI.2 EI.3 EI.4 EI.5 | LIGHTING SCHEDULES AND DETAILS |
| TOTAL | .: 31 SHEETS |
| | |
| | |
| | |
| | |
| | |

12

11

AILS

AN

CLS

13

CONTRACT DOCUMENTS:

ARCHITECT OF RECORD:

TIANA L. PEREZ, ARCHITECT

CALIFORNIA LICENSED ARCHITECT NO. C-38000 REN. 01-31-23 FRESNO COUNTY DEPARTMENT OF PUBLIC WORKS & PLANNING DEVELOPMENT SERVICES AND CAPITAL PROJECTS DIVISION 2220 TULARE STREET, EIGHTH FLOOR FRESNO, CALIFORNIA 93721 OFFICE: (559) 600-4536 E-MAIL: TPEREZ@FRESNOCOUNTY.GOV

CONSULTANTS:

CIVIL / LANDSCAPE ENGINEER OF RECORD:

> LARS ANDERSEN & ASSOCIATES, INC. DANIEL ZOLDAK LIC.# RCE 66124 4694 W. JACQUELYN AVE. FRESNO CA, 93722 OFFICE: 559-276-2790 E-MAIL: LAINFO@LARSANDERSEN.COM

MECHANICAL / PLUMBING ENGINEER OF RECORD:

LAWRENCE ENGINEERING GROUP MICHAEL CANTELMI LIC.# M23588 7084 NORTH MAPLE AVENUE, SUITE IOI FRESNO CA, 93720 OFFICE: 559-431-0101 E-MAIL: MIKE@LEGFRESNO.COM

ELECTRICAL ENGINEER OF RECORD:

HARDIN DAVIDSON ENGINEERING SCOTT DAVIDSON LIC.# EI7850 356 POLLASKY AVENUE SUITE 200 CLOVIS CA, 93612 OFFICE: 559-323-4995 E-MAIL: SD@HARDIN-DAVIDSON.COM

ARCHITECTURAL CONSULTANT:

DYSON & JANZEN ARCHITECTS 1295 N. WISHON AVE. SUITE 101 FRESNO CA, 93728 OFFICE: 559-497-6370 E-MAIL: ADYSON@DYSONJANZEN.COM

14

PROJECT DATA:

PROVIECT NAME: FRESNO COUNTY ENVIRONMENTAL COMPLIANCE CENTER

OFFICE STORAGE BUILIDNG ADDRESS: 310 S. WEST AVENUE, FRESNO, CA. 93706

APN: 458-060-72

ITE AREA: 2.68 ACRE

SITE WORK IS SUBMITTED UNDER SEPARATE PERMIT)

OFFICE/ STORAGE BUILDING AREA: 612 S.F. OFFICE/ STORAGE BUILDING OVERHANG AREA: 620 S

FOTAL BUILDING AREA: 1,232 S.F. TYPE OF CONSTRUCTION: V-B (SPRINKLERED)

DCCUPANCY GROUP: BUSINESS (B) /STORAGE (SI)

ZONING: M-I LIGHT MANUFACTURING DISTRICT

SCOPE OF WORK:

THE WORK CONSISTS OF CONSTRUCTION OF A NEW 612 SQUARE FEET OFFICE/ STORAGE BUILDING, SITE WORK AND OTHER BUILDINGS ON THE SITE ARE SUBMITTED UNDER SEPARATE PFRMIT

The Information on this Drawing is acceptable and shall define the Scope of Work to develop this Project. Any significant changes to the Scope of Work shall be approved by the Client Department.

Submitted b

Accepted by:

Date:



ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-23 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721

Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project: Fresno County Environmental Compliance Center Phase 2: Office / Storage Building

Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72

Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: Cover Sheet

Fresno County Department of Public Works and Planning Capital Projects



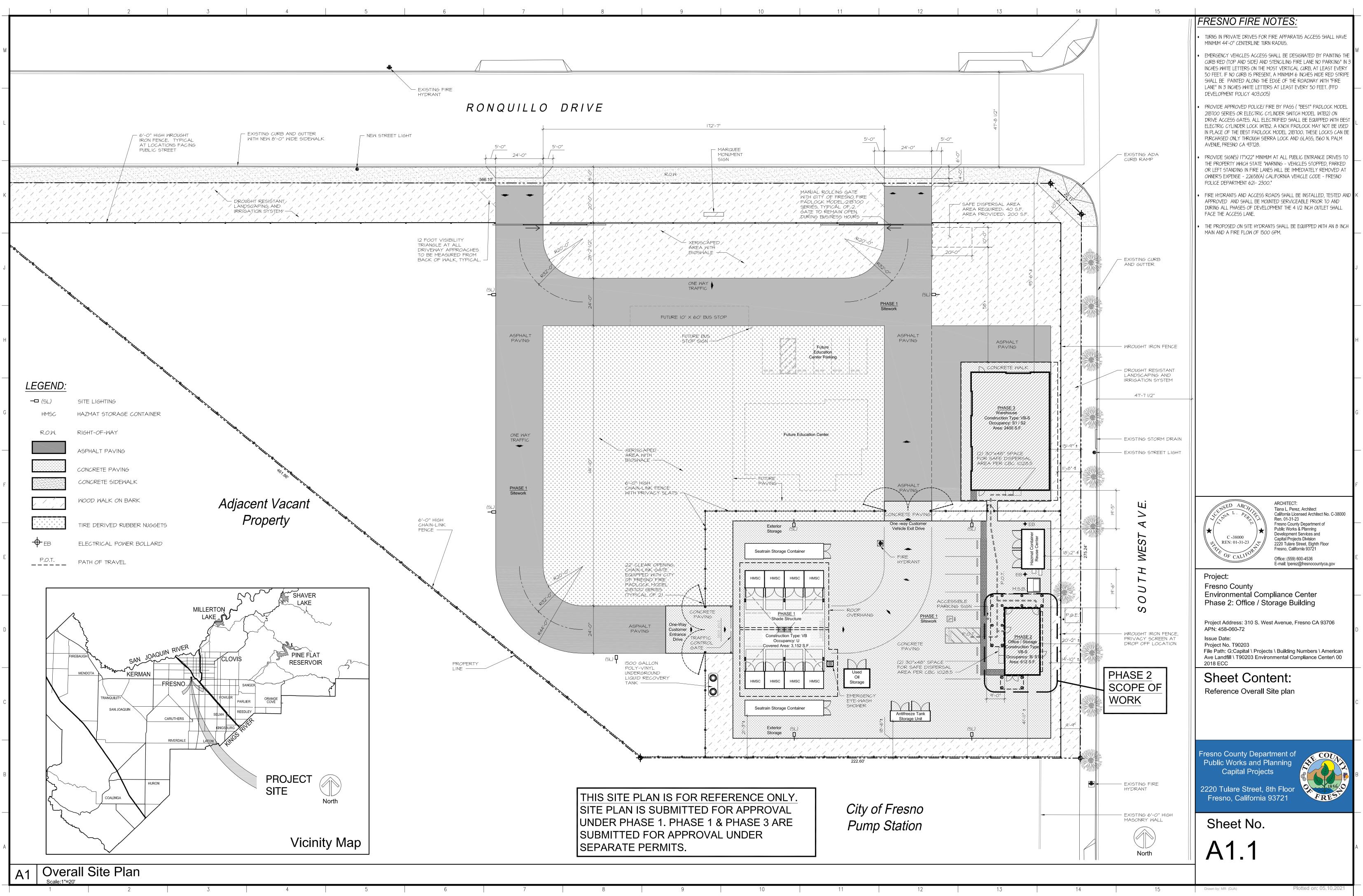
Plotted on: 05.10.202

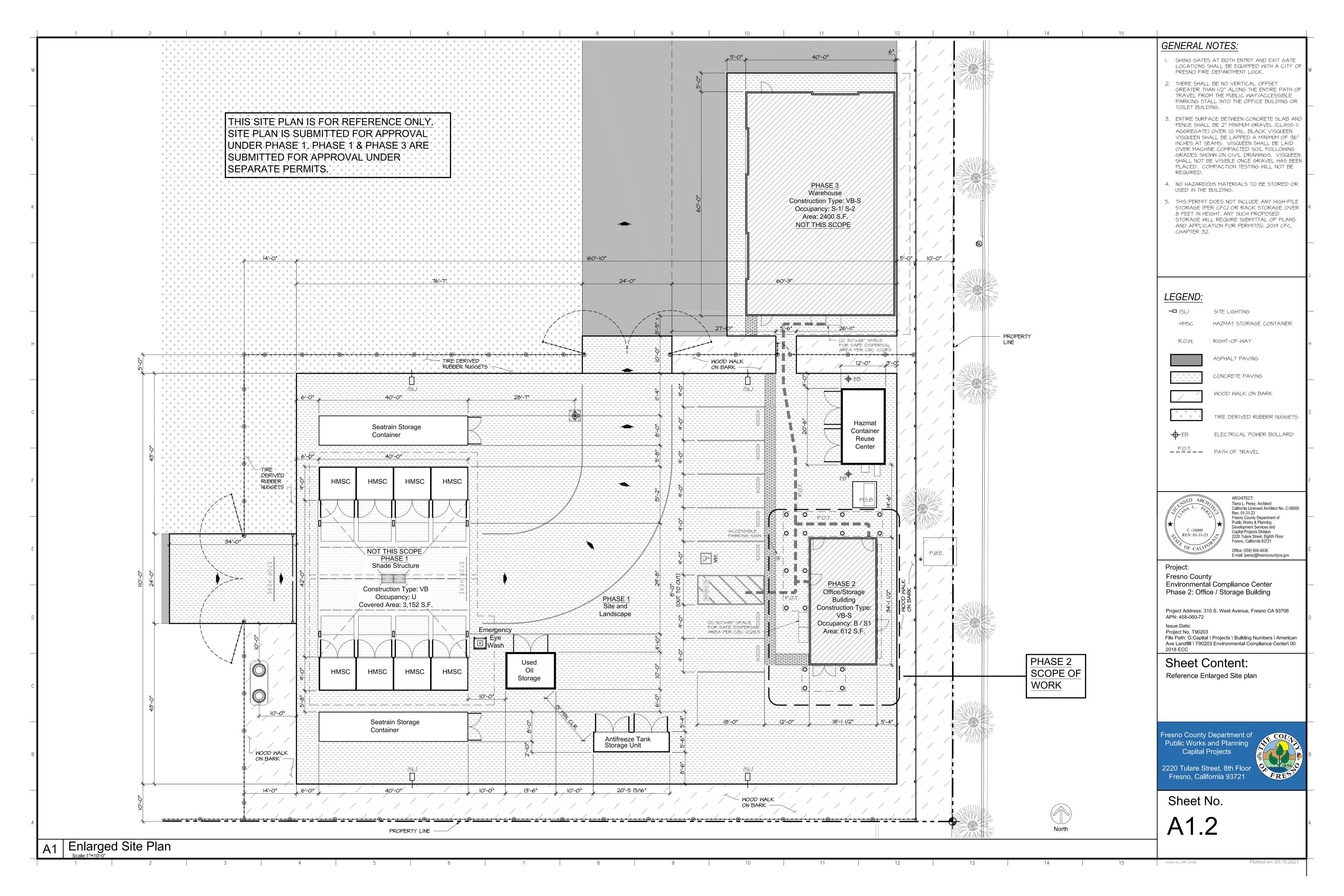
2220 Tulare Street, 8th Floor Fresno, California 93721

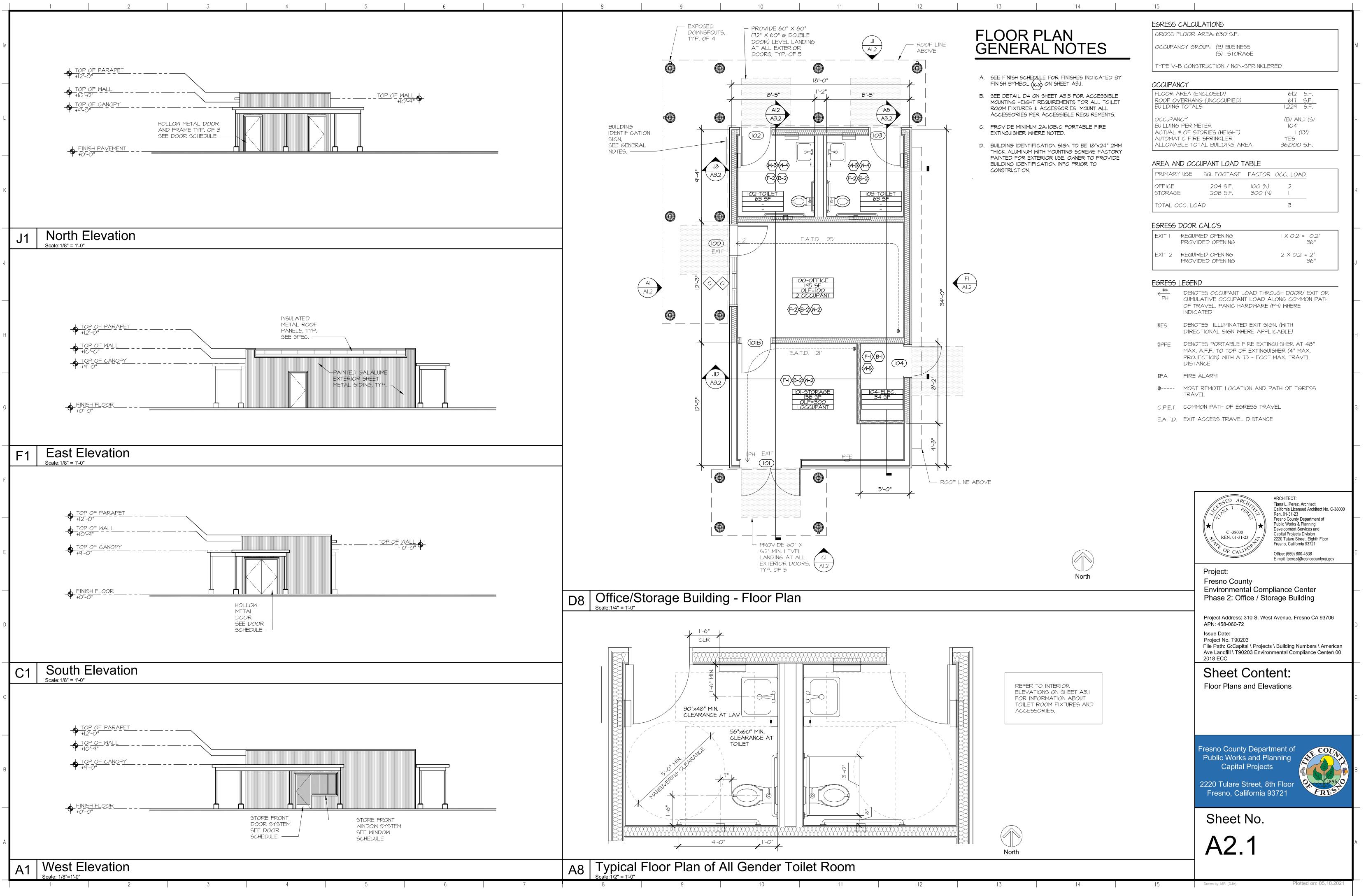
Sheet No.

 $GO_{}$

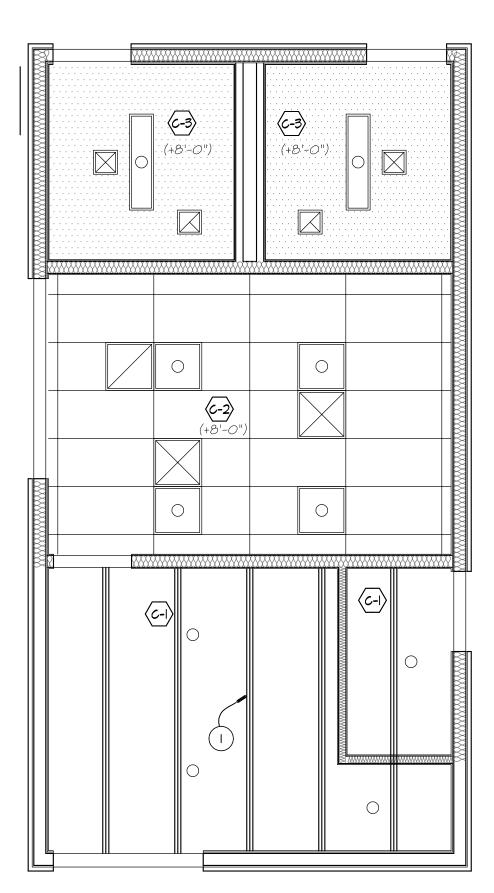
Drawn by: MR (DJA)







| OCCUPANCY GROUP: (B) BUSINESS (S) STORAGE TYPE V-B CONSTRUCTION / NON-SPRINKLERED DECUPANCY FLOOR AREA (ENCLOSED) 612 S.F. (ATTALS BUILDING TOTALS 1/224 S.F. (DO'RANCY BUILDING FORIMETER 104' (103) ACTUAL # OF STORIES (HEIGHT) 1 (13) AULOWABLE TOTAL BUILDING AREA 36,000 S.F. AREA AND OCCUPANT LOAD TABLE PRIMARY USE SQ. FOOTAGE STORAGE 208 S.F. OC (N) 1 TOTAL OCC. LOAD 3 EGRESS DOOR CALC'S EXIT 1 REQUIRED OPENING PROVIDED OPENING 1 × 0.2 = 0.2" STORAGE EXIT 2 REQUIRED OPENING PROVIDED OPENING 2 × 0.2 = 2" S6" ECRESS LEGEND 36" ES DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL, PANIC HARDWARE (PH) WHERE INDICATED WES DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) IPFE DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX.AF.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A T5 - FOOT MAX. TRAVEL DISTANCE </th <th></th> <th>LOOR AREA: 630</th> <th>) S.F.</th> <th></th> <th></th> | | LOOR AREA: 630 |) S.F. | | |
|---|------------------------------|--|---|---|---|
| CCUPANCY FLOOR AREA (ENCLOSED) 612 S.F. ROOF OVERHANG (UNOCCUPIED) 611 S.F. BUILDING TOTALS I,229 S.F. OCCUPANCY (B) AND (S) BUILDING PERIMETER IO41 ACTUAL # OF STORIES (HEIGHT) I (13) AUTOMATIC FIRE SPRINKLER YES ALLOWABLE TOTAL BUILDING AREA 36,000 S.F. AREA AND OCCUPANT LOAD TABLE PRIMARY USE PRIMARY USE S.G. FOOTAGE FACTOR OCC. LOAD OFFICE 204 S.F. IO0 (N) 2 STORAGE 203 S.F. 300 (N) 1 TOTAL OCC. LOAD 3 3 EXIT 1 REQUIRED OPENING 1 X 0.2 = 0.2" PROVIDED OPENING 1 X 0.2 = 0.2" 36" EXIT 2 REQUIRED OPENING 2 X 0.2 = 2" PROVIDED OPENING 2 X 0.2 = 2" 7 PROVIDED OPE | OCCUPAN | | | | |
| FLOOR AREA (ENCLOSED)612S.F.ROOF OVERHANG (UNOCCUPIED)611S.F.BUILDING TOTALS1,229S.F.OCCUPANCY(B) AND (S)BUILDING PERIMETER104'ACTUAL # OF STORIES (HEIGHT)1 (13)AUTOMATIC FIRE SPRINKLERYESALLOWABLE TOTAL BUILDING AREA36,000 S.F.AREA AND OCCUPANT LOAD TABLEPRIMARY USESQ. FOOTAGE FACTOR OCC. LOADOFFICE204 S.F.208 S.F.300 (N)TOTAL OCC. LOAD3CORESS DOOR CALC'SEXIT 1REQUIRED OPENINGEXIT 2REQUIRED OPENINGPROVIDED OPENING2 × 0.2 = 0.2"PROVIDED OPENING36"CORESS LEGEND $$ | TYPE V-E | 3 CONSTRUCTION | / NON-SF | RINKLERE | Đ |
| FLOOR AREA (ENCLOSED)612S.F.ROOF OVERHANG (UNOCCUPIED)611S.F.BUILDING TOTALS1,229S.F.OCCUPANCY(B) AND (S)BUILDING PERIMETER104'ACTUAL # OF STORIES (HEIGHT)1 (13)AUTOMATIC FIRE SPRINKLERYESALLOWABLE TOTAL BUILDING AREA36,000 S.F.AREA AND OCCUPANT LOAD TABLEPRIMARY USESQ. FOOTAGE FACTOR OCC. LOADOFFICE204 S.F.208 S.F.300 (N)TOTAL OCC. LOAD3CORESS DOOR CALC'SEXIT 1REQUIRED OPENINGEXIT 2REQUIRED OPENINGPROVIDED OPENING2 × 0.2 = 0.2"PROVIDED OPENING36"CORESS LEGEND $$ | | | | | |
| ROOF OVERHANG (INOCCUPIED)6175.F.BUILDING TOTALSI,2295.F.OCCUPANCY(B) AND (S)BUILDING PERIMETERI,04'ACTUAL # OF STORIES (HEIGHT)I (13)AUTOMATIC FIRE SPRINKLERYESALLOWABLE TOTAL BUILDING AREA36,000 S.F.AREA AND OCCUPANT LOAD TABLEPRIMARY USE50, FOOTAGEPRIMARY USE50, FOOTAGE204 S.F.100 (N)2STORAGE204 S.F.208 S.F.300 (N)1TOTAL OCC. LOAD3CREES DOOR CALC'SEXIT 1REQUIRED OPENINGEXIT 2REQUIRED OPENINGPROVIDED OPENING1 X 0.2 = 0.2"PROVIDED OPENING36"EGREES LEGENDCHECTION ALLOY OF TRAVEL. PANIC HARDWARE (PH) WHEREINDICATEDUMULATIVE OCCUPANT LOAD THROUGH DOOR/ EXIT O ϕ TRAVEL. PANIC HARDWARE (PH) WHEREINDICATEDUMULATIVE OCCUPANT LOAD THROUGH DOOR/ EXIT O ϕ TRAVEL. PANIC HARDWARE (PH) WHEREINDICATEDUMULATIVE OCCUPANT LOAD ALONG COMMON PAT ϕ TRAVEL. PANIC HARDWARE (PH) WHEREINDICATEDUMULATIVE OCCUPANT LOAD THROUGH DOOR/ EXIT O ϕ TRAVEL ϕ DENOTES PORTABLE FIRE EXTINGUISHER AT 48"MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX.PROJECTIONAL SIGN WHERE APPLICABLE)IPFEDENOTES PORTABLE FIRE EXTINGUISHER AT 48"MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX.PROJECTIONAL SIGN WHERE APPLIC | | | | | |
| BUILDING TOTALS $I,229$ S.F.OCCUPANCY(B) AND (S)BUILDING PERIMETERIO4'ACTUAL # OF STORIES (HEIGHT)I (13')AUTOMATIC FIRE SPRINKLERYESALLOWABLE TOTAL BUILDING AREA36,000 S.F.AREA AND OCCUPANT LOAD TABLEPRIMARY USESQ. FOOTAGEPRIMARY USESQ. FOOTAGEFACTOR OCC. LOADOFFICE204 S.F.IOO (N)2STORAGE208 S.F.208 S.F.300 (N)TOTAL OCC. LOAD3EGRESS DOOR CALC'SEXIT 1REQUIRED OPENINGEXIT 2REQUIRED OPENINGPROVIDED OPENING2 X 0.2 = 0.2"PROVIDED OPENING36"EGRESS LEGEND | | | | | |
| BUILDING PERIMETER 104' ACTUAL # OF STORIES (HEIGHT) 1 (13') AUTOMATIC FIRE SPRINKLER YES ALLOWABLE TOTAL BUILDING AREA 36,000 S.F. AREA AND OCCUPANT LOAD TABLE PRIMARY USE SQ. FOOTAGE PRIMARY USE SQ. FOOTAGE PATOMATIC FIRE SPRINKLER 36,000 S.F. OFFICE 204 S.F. 100 (N) OFFICE 204 S.F. 100 (N) STORAGE 208 S.F. 300 (N) TOTAL OCC. LOAD 3 EGRESS DOOR CALC'S EXIT 1 REQUIRED OPENING 1 X 0.2 = 0.2" PROVIDED OPENING 2 X 0.2 = 2" MES DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OU VIDULATIVE OCCUPA | | | | | |
| BUILDING PERIMETER 104' ACTUAL # 0F STORIES (HEIGHT) 1 (13') AUTOMATIC FIRE SPRINKLER YES ALLOWABLE TOTAL BUILDING AREA 36,000 S.F. REA AND OCCUPANT LOAD TABLE PRIMARY USE PRIMARY USE SQ. FOOTAGE FACTOR OCC. LOAD OFFICE 204 S.F. 100 (N) 2 STORAGE 208 S.F. 300 (N) 1 TOTAL OCC. LOAD 3 3 EGRESS DOOR CALC'S EXIT 1 REQUIRED OPENING 1 × 0.2 = 0.2" EXIT 2 REQUIRED OPENING 2 × 0.2 = 2" 36" EXIT 2 REQUIRED OPENING 2 × 0.2 = 2" 36" EGRESS LEGEND 2 × 0.2 = 2" 36" EMIMATIVE OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE NOT ATED WES DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE NOT CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED BES DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PRO_LECTION) WITH A 75 - FOOT MAX. TRAVEL IPFE DENOTES PORTABLE FIRE EXTIN | OCCUPAN | ICY | | | (B) AND (S) |
| AUTOMATIC FIRE SPRINKLER YES ALLOWABLE TOTAL BUILDING AREA $36,000 \text{ s.f.}$ REA AND OCCUPANT LOAD TABLE PRIMARY USE Sa. FOOTAGE FACTOR OCC. LOAD OFFICE 204 S.F. IOO (N) 2 STORAGE 208 S.F. 300 (N) 1 TOTAL OCC. LOAD 3 ERESS DOOR CALC'S EXIT 1 REQUIRED OPENING $1 \times 0.2 = 0.2"$ PROVIDED OPENING $2 \times 0.2 = 2"$ 36" EREGUIRED OPENING EREGUIRED OPENING EXIT 2 REQUIRED OPENING $2 \times 0.2 = 2"$ PROVIDED OPENING $2 \times 0.2 = 2"$ 36" EGRESS LEGEND EMOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OLOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED MES DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) BENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) OPENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. AF.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A T5 - FOOT MAX. TRAVEL DISTANCE GRESS TRAVEL | BUILDING | PERIMETER | | | 104' |
| ALLOWABLE TOTAL BUILDING AREA 36,000 S.F. AREA AND OCCUPANT LOAD TABLE PRIMARY USE SQ. FOOTAGE PRIMARY USE SQ. FOOTAGE OFFICE 204 S.F. IOO (N) 2 STORAGE 208 S.F. 3000 (N) 1 TOTAL OCC. LOAD 3 GRESS DOOR CALC'S EXIT 1 REQUIRED OPENING PROVIDED OPENING 1 × 0.2 = 0.2" PROVIDED OPENING 2 × 0.2 = 2" PH DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF OF TRAVEL, PANIC HARDWARE (PH) WHERE INDI | | | | | |
| PRIMARY USE SQ. FOOTAGE FACTOR OCC. LOAD OFFICE 204 S.F. IOO (N) 2 STORAGE 208 S.F. 300 (N) I TOTAL OCC. LOAD 3 EGRESS DOOR CALC'S I X 0.2 = 0.2" EXIT 1 REQUIRED OPENING I X 0.2 = 0.2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 36" EGRESS LEGEND 36" Image: the state of the state | | | | × | |
| PRIMARY USE SQ. FOOTAGE FACTOR OCC. LOAD OFFICE 204 S.F. IOO (N) 2 STORAGE 208 S.F. 300 (N) I TOTAL OCC. LOAD 3 EGRESS DOOR CALC'S I X 0.2 = 0.2" EXIT 1 REQUIRED OPENING I X 0.2 = 0.2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 36" EGRESS LEGEND 36" Image: the state of the state | | | | | |
| OFFICE 204 S.F. IOO (N) 2 STORAGE 208 S.F. 300 (N) I TOTAL OCC. LOAD 3 EGRESS DOOR CALC'S EXIT I REQUIRED OPENING I X 0.2 = 0.2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 36" EGRESS LEGEND 36" | | | | | |
| STORAGE 208 S.F. 300 (N) I TOTAL OCC. LOAD 3 EGRESS DOOR CALC'S EXIT I REQUIRED OPENING I X 0.2 = 0.2" PROVIDED OPENING 2 X 0.2 = 2" BES DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL, PANIC HARDWARE (PH) WHERE INDICATED SES DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) GPFE DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 15 - FOOT MAX. TRAVEL DISTANCE (FA FIRE ALARM Image: C.P.E.T. COMMON PATH OF EGRESS TRAVEL | PRIMARY | USE SQ. FOC | TAGE F | ACTOR (| DCC. LOAD |
| TOTAL OCC. LOAD 3 EGRESS DOOR CALC'S EXIT I REQUIRED OPENING I × 0.2 = 0.2" PROVIDED OPENING 2 × 0.2 = 2" PH DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED NES DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) QPFE DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCE (FA FIRE ALARM @ MOST REMOTE LOCATION AND PATH OF EGRESS C.P.E.T. COMMON PATH OF EGRESS TRAVEL | | | | | 2 |
| GRESS DOOR CALC'S EXIT I REQUIRED OPENING I X 0.2 = 0.2" PROVIDED OPENING 2 X 0.2 = 2" PROVIDED OPENING 36" COMPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED INDICATED IES DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) IPFE DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCE (FA FIRE ALARM @ MOST REMOTE LOCATION AND PATH OF EGRESS TRAVEL C.P.E.T. COMMON PATH OF EGRESS TRAVEL | STORAGE | 208 5 | >.⊢. | 300 (N) | |
| EXIT I REQUIRED OPENING PROVIDED OPENING I X 0.2 = 0.2" PROVIDED OPENING 36" EXIT 2 REQUIRED OPENING 2 X 0.2 = 2" PROVIDED OPENING 36" EGRESS LEGEND Image: Comparison of the second state of | TOTAL O | CC. LOAD | | | 3 |
| EXIT I REQUIRED OPENING PROVIDED OPENING I X 0.2 = 0.2" PROVIDED OPENING 36" EXIT 2 REQUIRED OPENING 2 X 0.2 = 2" PROVIDED OPENING 36" EGRESS LEGEND Image: Comparison of the second state of | | | | | |
| PROVIDED OPENING 36" EXIT 2 REQUIRED OPENING PROVIDED OPENING 2 × 0.2 = 2" 36" EGRESS LEGEND 36" Image: transform of the state of the st | GRESS | 200R CALC'S | | | |
| PROVIDED OPENING 36" EGRESS LEGEND ## DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED NES DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) IPFE DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCE (FA FIRE ALARM IN MOST REMOTE LOCATION AND PATH OF EGRESS TRAVEL C.P.E.T. COMMON PATH OF EGRESS TRAVEL | EXIT I | | | | |
| DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCE FA FIRE ALARM O MOST REMOTE LOCATION AND PATH OF EGRESS TRAVEL C.P.E.T. COMMON PATH OF EGRESS TRAVEL | EXIT 2 | | = | | |
| DENOTES OCCUPANT LOAD THROUGH DOOR/ EXIT OF CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCE FA FIRE ALARM O MOST REMOTE LOCATION AND PATH OF EGRESS TRAVEL C.P.E.T. COMMON PATH OF EGRESS TRAVEL | | | | | |
| PH CUMULATIVE OCCUPANT LOAD ALONG COMMON PAT OF TRAVEL. PANIC HARDWARE (PH) WHERE INDICATED MES DENOTES ILLUMINATED EXIT SIGN. (WITH DIRECTIONAL SIGN WHERE APPLICABLE) IPFE DENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCE (FA FIRE ALARM IPFE MOST REMOTE LOCATION AND PATH OF EGRESS TRAVEL C.P.E.T. COMMON PATH OF EGRESS TRAVEL | GRESS | FGEND | | | |
| DIRECTIONAL SIGN WHERE APPLICABLE)UPFEDENOTES PORTABLE FIRE EXTINGUISHER AT 48" MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCECFAFIRE ALARMOMOST REMOTE LOCATION AND PATH OF EGRESS TRAVELC.P.E.T.COMMON PATH OF EGRESS TRAVEL | ## | | | | |
| MAX. A.F.F. TO TOP OF EXTINGUISHER (4" MAX. PROJECTION) WITH A 75 - FOOT MAX. TRAVEL DISTANCE (FA FIRE ALARM (MOST REMOTE LOCATION AND PATH OF EGRESS TRAVEL C.P.E.T. COMMON PATH OF EGRESS TRAVEL | <## | DENOTES OCCU CUMULATIVE OC OF TRAVEL. PA | CUPANT L | OAD ALC | ONG COMMON PATH |
| MOST REMOTE LOCATION AND PATH OF EGRESS TRAVELC.P.E.T. COMMON PATH OF EGRESS TRAVEL | <## ₽H | DENOTES OCCU CUMULATIVE OC OF TRAVEL. PA INDICATED DENOTES ILLUN | CUPANT I NIC HARE | LOAD ALC DWARE (P EXIT SIGN | DNG COMMON PATH H) WHERE . (WITH |
| TRAVEL C.P.E.T. COMMON PATH OF EGRESS TRAVEL | < ^{##} PH MES | DENOTES OCCU CUMULATIVE OC OF TRAVEL. PA INDICATED DENOTES ILLUM DIRECTIONAL S DENOTES PORT, MAX. A.F.F. TO PROJECTION) W | CUPANT I NIC HARE IINATED I IGN WHER ABLE FIR TOP OF E | LOAD ALC DWARE (P EXIT SIGN E APPLIC E EXTINGUISH | DNG COMMON PATH H) WHERE . (WITH ABLE) JISHER AT 48" HER (4" MAX. |
| | < PH MES €PFE | DENOTES OCCU CUMULATIVE OC OF TRAVEL. PA INDICATED DENOTES ILLUN DIRECTIONAL S DENOTES PORT, MAX. A.F.F. TO PROJECTION) W DISTANCE | CUPANT I NIC HARE IINATED I IGN WHER ABLE FIR TOP OF E | LOAD ALC DWARE (P EXIT SIGN E APPLIC E EXTINGUISH | DNG COMMON PATH H) WHERE . (WITH ABLE) JISHER AT 48" HER (4" MAX. |
| E.A.T.D. EXIT ACCESS TRAVEL DISTANCE | <pre></pre> | DENOTES OCCU CUMULATIVE OC OF TRAVEL. PA INDICATED DENOTES ILLUN DIRECTIONAL S DENOTES PORT, MAX. A.F.F. TO PROJECTION) W DISTANCE FIRE ALARM MOST REMOTE I | CUPANT I NIC HARE IGN WHER ABLE FIR TOP OF E ITH A 75 | LOAD ALC DWARE (P EXIT SIGN E APPLIC E EXTINGUIS - FOOT M | ONG COMMON PATH H) WHERE ABLE) JISHER AT 48" HER (4" MAX. HAX. TRAVEL |
| | <pre></pre> | DENOTES OCCU CUMULATIVE OC OF TRAVEL. PA INDICATED DENOTES ILLUN DIRECTIONAL S DENOTES PORT, MAX. A.F.F. TO PROJECTION) W DISTANCE FIRE ALARM MOST REMOTE I TRAVEL | CUPANT I NIC HARE IGN WHER ABLE FIR TOP OF E ITH A 75 | DOAD ALC DWARE (P EXIT SIGN E APPLIC E EXTINGUISH - FOOT M | DNG COMMON PATH H) WHERE . (WITH ABLE) JISHER AT 48" HER (4" MAX. HAX. TRAVEL TH OF EGRESS |



Ο

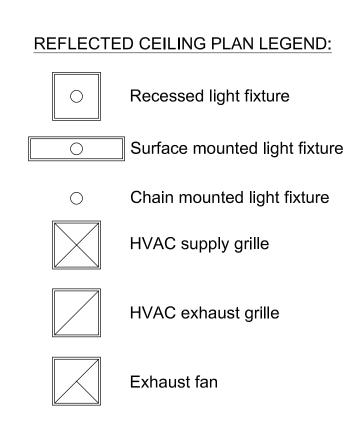
REFLECTED CEILING PLAN KEYNOTES ×

0

I. ROOF FRAMING MEMBERS.

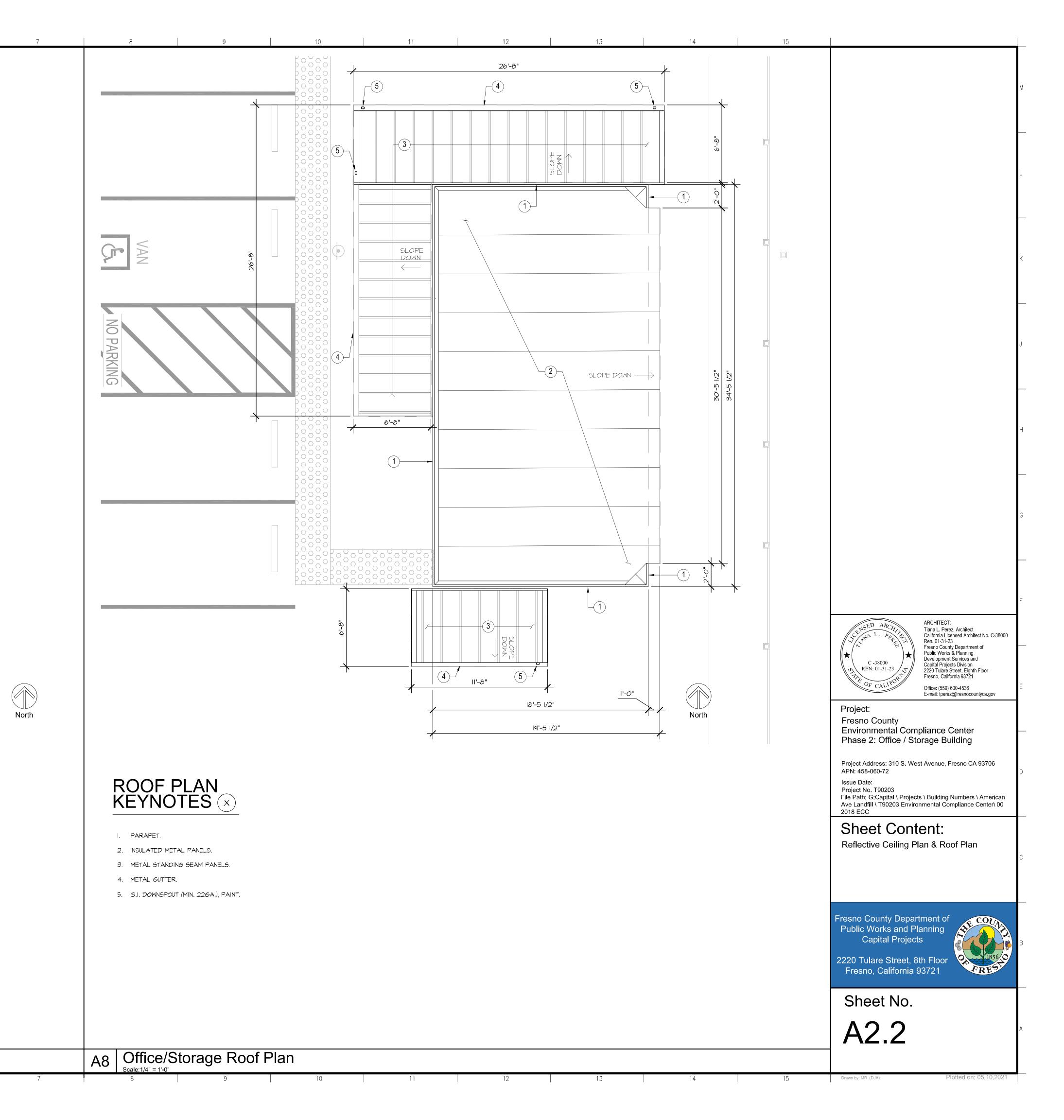
REFLECTED CEILING PLAN GENERAL NOTES

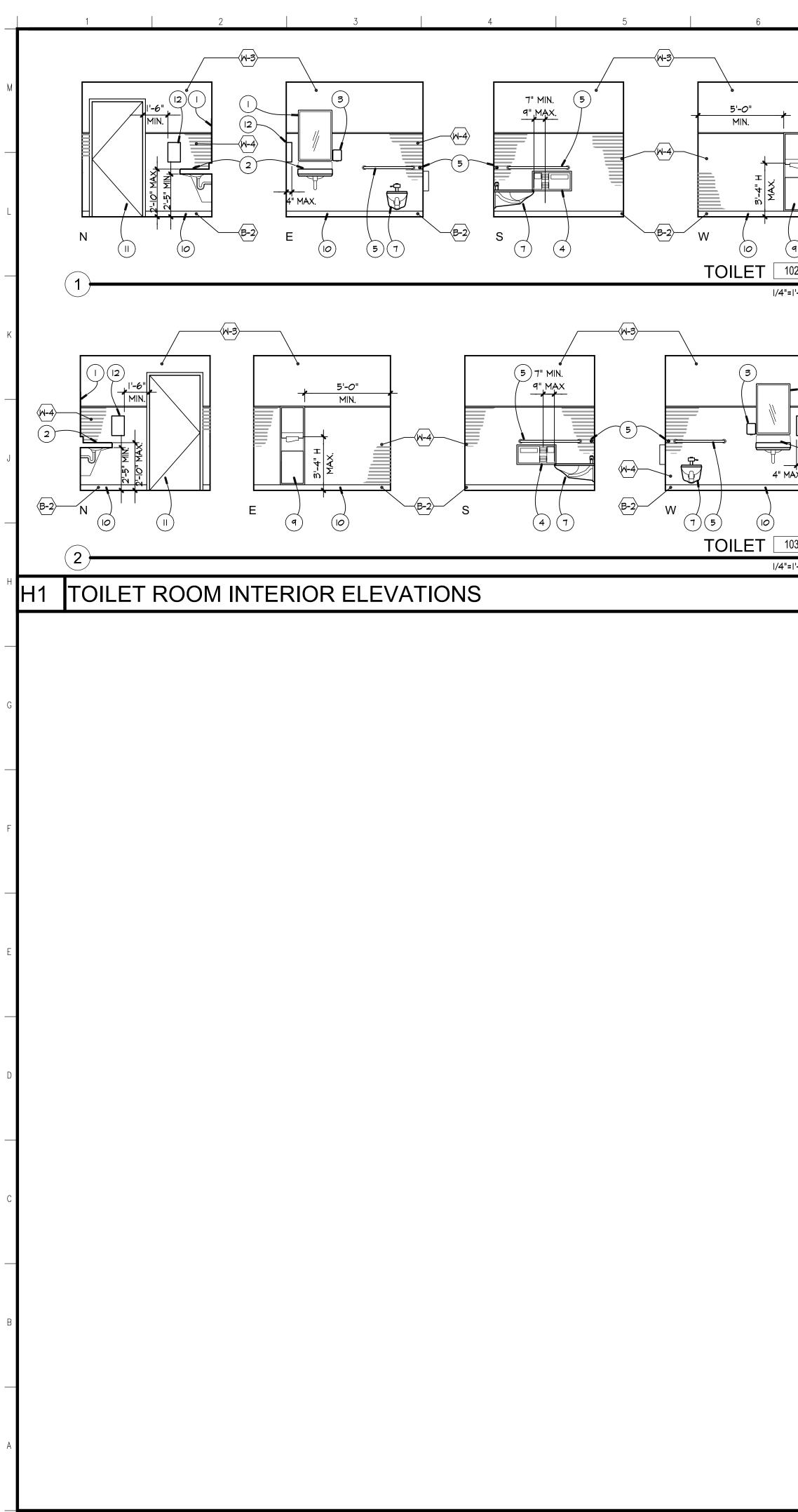
A. SEE FINISH SCHEDULE FOR FINISHES INDICATED BY FINISH SYMBOL $\langle x - x \rangle$ on sheet A3.1.



A1 Office/Storage Reflective Ceiling Plan

1 2 3 4 5 6





7

8

9

10

11

12

| 7 | 8 9 | 10 | | 11 12 |
|---------------|---|-------------|----------|--|
| | INTERIOR ELEVATION | ITEM | CODE | DESCRIPTION |
| | KEY NOTES | Ŕ | F-I | EXPOSED CONCRETE WITH CLEAR SATIN CONCRET |
| | | FLOOR | F-2 | LENOLUEM MODULAR FLOORING |
| | I. WALL-HUNG MIRROR. SEE GENERAL NOTE B. | | | |
| | WALL MOUNTED ACC. LAVATORY w/ AUTOMATIC SENSOR FAUCETS. SEE GENERAL NOTE B ∉ PLUMBING DRAWINGS. | | B-I | NO BASE |
| | 3. SOAP DISPENSER, FURNISHED AND INSTALLED BY OWNER, N.I.C. SEE GENERAL NOTE B. | Iш | B-2 | 4" RUBBER RESILIENT BASE |
| | RECESSED TOILET SEAT DISPENSER, TOILET PAPER DISPENSER, DISPOSAL COMBO. SEE GENERAL NOTE B. | BAS | | |
| · | 5. GRAB BARS. SEE GENERAL NOTE B. 6. NOT USED. | | | |
| 9 | ACCESSIBLE WALL HUNG TOILET W/ AUTOMATIC FLUSH VALVE. SEE GENERAL NOTE B & PLUMBING DRAWINGS. | | | |
| | 8. DECORATIVE PROTECTION PANEL WAINSCOT. | | M-1 | NOT USED |
| ' -0 " | 9. SEMI-RECESSED DUAL PAPER TOWEL DISPENSER/ TRASH RECEPTACLE. SEE GENERAL NOTE B. | LS LLS | W-2 | LATEX PAINT |
| | IO. RUBBER BASE. SEE FINISH SCHEDULE. II. DOOR. SEE DOOR SCHEDULE. | WALL | W-3 | ENAMEL SEMI-GLOSS PAINT |
| 7 | 12. ELECTRIC HAND DRYER, SEE GENERAL NOTE B & ELECTRICAL DWGS. | | W-4 | DECORATIVE PROTECTION PANEL WAINSCOT |
| | | | W-5 | 3/4" A-C PLYWOOD |
| | INTERIOR ELEVATION | C | C-1 | NO INTERIOR FINISH, EXPOSED ROOF FRAMING |
| | GENERAL NOTES | | C-2 | SQUARE EDGE LAY-IN SUSPENDED ACOUSTICAL TILE CEILING SYSTEM |
| | | CEIL | C-3 | PAINT W-3 0/ 5/8" F.R. GYP. BD. CEILING 0/ METAL FRAMING. |
| | A. SEE FINISH SCHEDULE FOR FINISHES INDICATED BY FINISH SYMBOL SHEET A3.1. | | C-4 | 36" WIDE EXTERIOR LINEAR FORMED RIBBED 26 GA. METAL PANEL SOFFIT |
| Ι | B. SEE DETAIL D4 ON SHEET A3.3 FOR ACCESSIBLE MOUNTING HEIGHT REQUIREMENTS FOR ALL TOILET | | | |
|)3 | ROOM FIXTURES & ACCESSORIES. MOUNT ALL ACCESSORIES PER ACCESSIBLE REQUIREMENTS. | SC. | M-I | ENAMEL (ACRYLIC) PAINTED H.M. DOOR/FRAMES |
| 2 | | M | | |
| | | | | |
| | | H 10 | R | DOM FINISH SCHEDULE |
| | | | | |
| | | I. AL | L STAIN, | PAINT, SEALER AND ACCENT COLORS SHALL BE AS SELECTED I |
| | | M | TERIAL | OR FINISHES SHALL BE AS SELECTED BY ARCHITECT/OWNER FRO SHALL BE EPA APPROVED AND AS RECOMMENDED BY THE MAN |
| | | З. СС | | OR(S) SHALL SUPPLY 5 COPIES MINIMUM OF FULL COLORS/ TEXT. |
| | | | | 5/ COLORS AND NOT PHOTO REPRODUCTIONS. IM BOARD UNLESS OTHERWISE SPECIFICALLY NOTED ON THIS SC |
| | | | | DARD (ON BOTH SIDES WHERE GYPSUM BOARD IS CALLED OUT) 1 |
| | | | | HED METAL SHALL BE PRIMED AND PAINTED. COLORS AS SELECT |
| | | | | ALL FLOORS PRIOR TO COVERING, CLEAN AND FILL, LEVEL UNEV DRS w/ MFGR APPROVED VAPOR EMISSIONS TREATMENT WHERE |
| | | | | NNT/STAIN COAT FINISHES ARE INDICATED IN SPEC'S. CONTRAC OF COLOR /FINISH ETC. TO THE ACCEPTANCE OF THE OWNER AN |
| | | , ₽ | STAN | DARD FINISHES: SAMPLES (3 EACH) SHALL BE PREPARED FOR F DARD PAINTED WALLS AND CEILINGS MEDIUM ORANG T ROOMS AND ENAMELED WALLS SMOOTH SAND, R OTHER WALL COVERINGS TAPED, SANDEI |

| 10 ITEM | CODF | 11 12 DESCRIPTION | 13 14 15 REMARKS | |
|---|--|---|---|---|
| FLOOR | F-I F-2 | EXPOSED CONCRETE WITH CLEAR SATIN CONCRETE SEALER | - FORBO, MARMOLEUM STRIATO TEXTURA, THICKNESS 2.5MM, SIZE 79"W XIO5"L, OR APPROVED EQUAL. | М |
| BASE | B-I B-2 | NO BASE 4" RUBBER RESILIENT BASE | - JOHNSONITE RESILIENT BASE, TYPE "MILLWORK", PROFILE "SILHOUETTE", OR APPROVED EQUAL. | |
| ILING WALLS | ⋈-1 ⋈-2 ⋈-3 ⋈-4 ⋈-5 C-1 C-2 C-3 | ENAMEL SEMI-GLOSS PAINT DECORATIVE PROTECTION PANEL WAINSCOT 3/4" A-C PLYWOOD NO INTERIOR FINISH, EXPOSED ROOF FRAMING SQUARE EDGE LAY-IN SUSPENDED ACOUSTICAL TILE CEILING SYSTEM PAINT W-3 0/ 5/8" F.R. GYP. BD. CEILING 0/ | - o/ GYPSUM BOARD (LEVEL 5 FINISH TYP. U.N.O.) o/ GYPSUM BOARD (LEVEL 5 FINISH TYP. U.N.O.) FORMICA HARDSTOP BUTT JOINT SEAMS WITH WATER PROOF CAULK, OR APPROVED EQUAL. TRIM AT TOP BOTTOM, AND CORNERS. HEIGHT &'-O'' - IN T-BAR GRID (2x2 or 2x4) LEVEL FINISH TYP. U.N.O. | |
| MISC. CEILI | C-4 M-I | METAL FRAMING. 36" WIDE EXTERIOR LINEAR FORMED RIBBED 26 GA. METAL PANEL SOFFIT ENAMEL (ACRYLIC) PAINTED H.M. DOOR/FRAMES | PAINT H.M. DOORS AND FRAMES | |
| H10 | | DOM FINISH SCHEDULE See (X | symbol on Floor Plan, Reflected Ceiling Plan and Interior Elevations | н |
| MA AP 3. CO MA 4. ALL GY | TERIAL PLICATI NTRACT TERIALS _ GYPSI PSUM B | SHALL BE EPA APPROVED AND AS RECOMMENDED BY THE MANUFACTUR ON. "OR(S) SHALL SUPPLY 5 COPIES MINIMUM OF FULL COLORS/ TEXTURES/ SA 5/ COLORS AND NOT PHOTO REPRODUCTIONS. | MPLE RANGES FOR ARCHITECT'S SELECTION. ALL SAMPLES SHALL BE ACTUAL OR IN DRAWINGS SHALL BE 5/8" TYPE "X" FIRE RATED. INSTALL WATER RESISTANT OUT TOILET WALLS, AND PLUMBING WALLS. | G |
| 5E/ 7. MIN EVI 8. GY | AL FLOO IIMUM P/ ENNESS PSUM BO | ORS W/ MEGR APPROVED VAPOR ÉMISSIONS TREATMENT WHERE MOISTUR AINT/STAIN COAT FINISHES ARE INDICATED IN SPEC'S. CONTRACTOR(S) S OF COLOR /FINISH ETC. TO THE ACCEPTANCE OF THE OWNER AND ARCHI OARD FINISHES: SAMPLES (3 EACH) SHALL BE PREPARED FOR REVIEW A | HALL APPLY ADDITIONAL COATS AS REQUIRED TO ENSURE/ MAINTAIN / PROVIDE TECT. ND CHOICE BY OWNER AND ARCHITECT, BUT GENERALLY SHALL BE: | F ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren, 01-31-23 |
| B. C. 10. FI <i>O</i> R | TOILE UNDER LAME ST BETTE | R TO MEET CBC SECTION 803 REQUIREMENTS. ALL DECORATIVE MATER | RANGE PEEL TEXTURE. 11 AND SIZED OR SEALED FOR FINISH. 12 A CLASS 'C' FLAME SPREAD & SMOKE DEVELOPED CLASSIFICATION OF 450 | Ref. 01-31-23 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721 Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov Project: |
| D10 | FI | NISH SCHEDULES NOTES | | Fresno County Environmental Compliance Center Phase 2: Office / Storage Building |

Environmental Compliance Center Phase 2: Office / Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72 Issue Date: Project No. 790203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC **Sheet Content** Interior Elevations & Finish Schedule

FRE

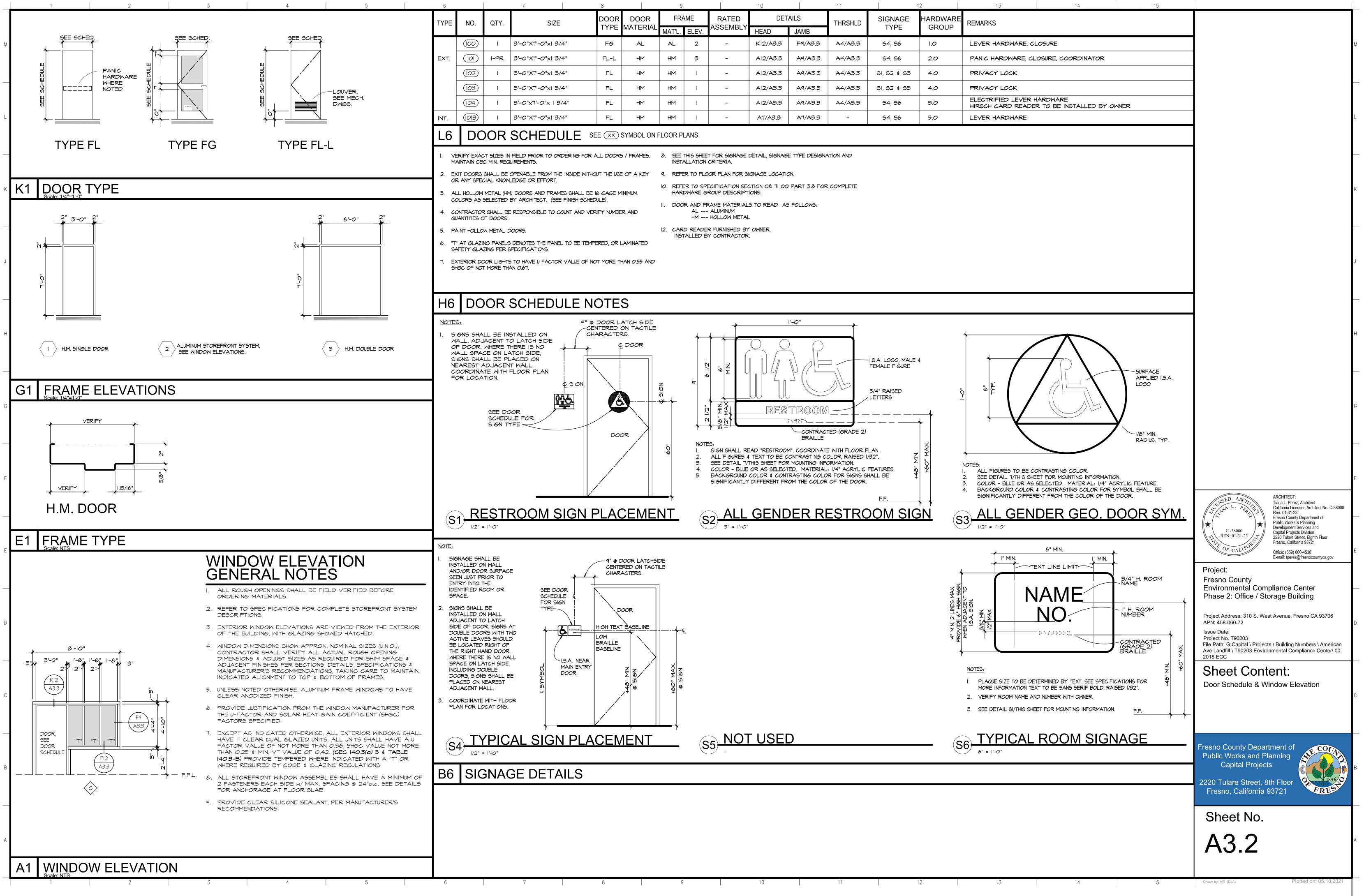
Plotted on: 05.10.2021

Public Works and Planning Capital Projects 2220 Tulare Street, 8th Floor Fresno, California 93721

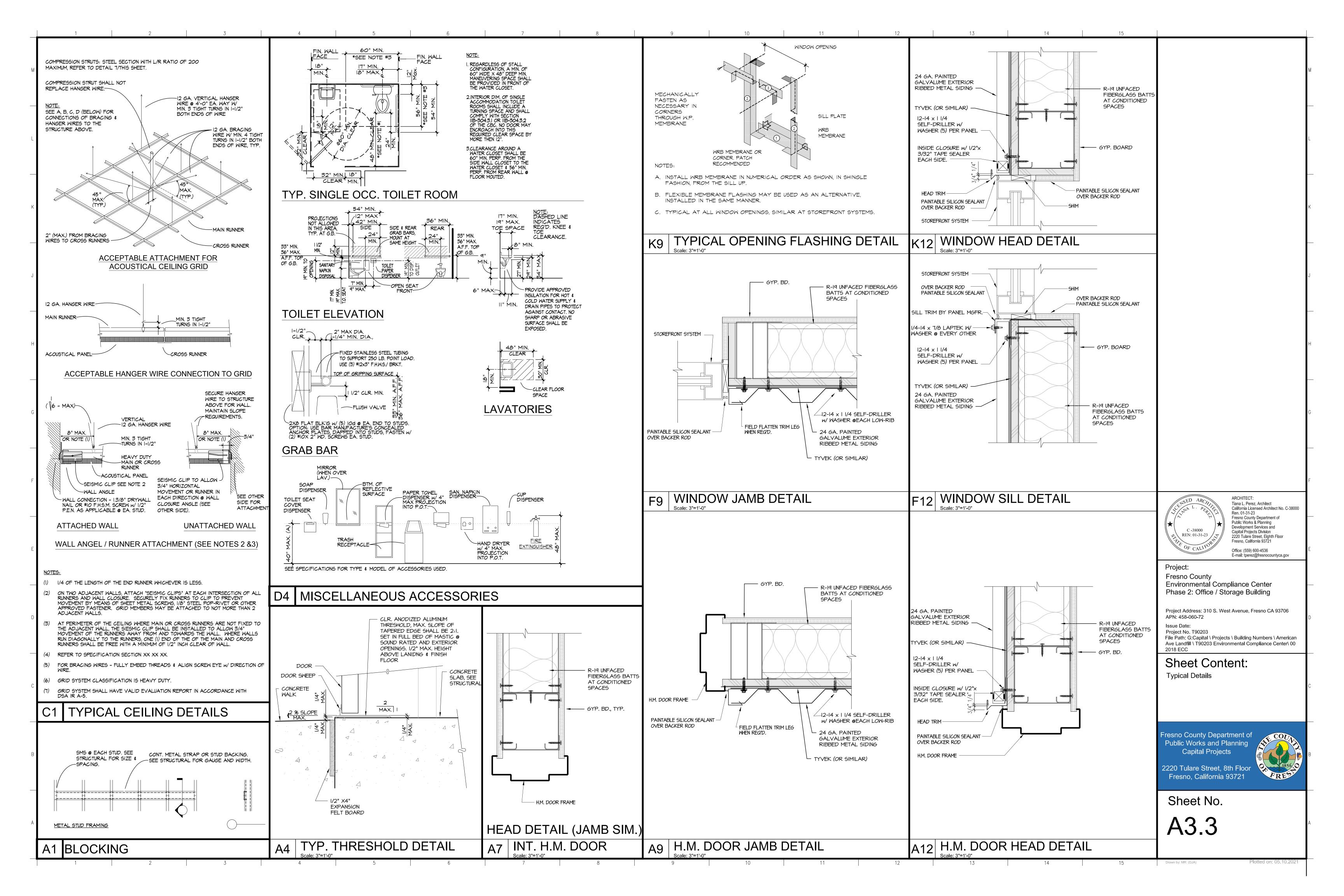
Sheet No.

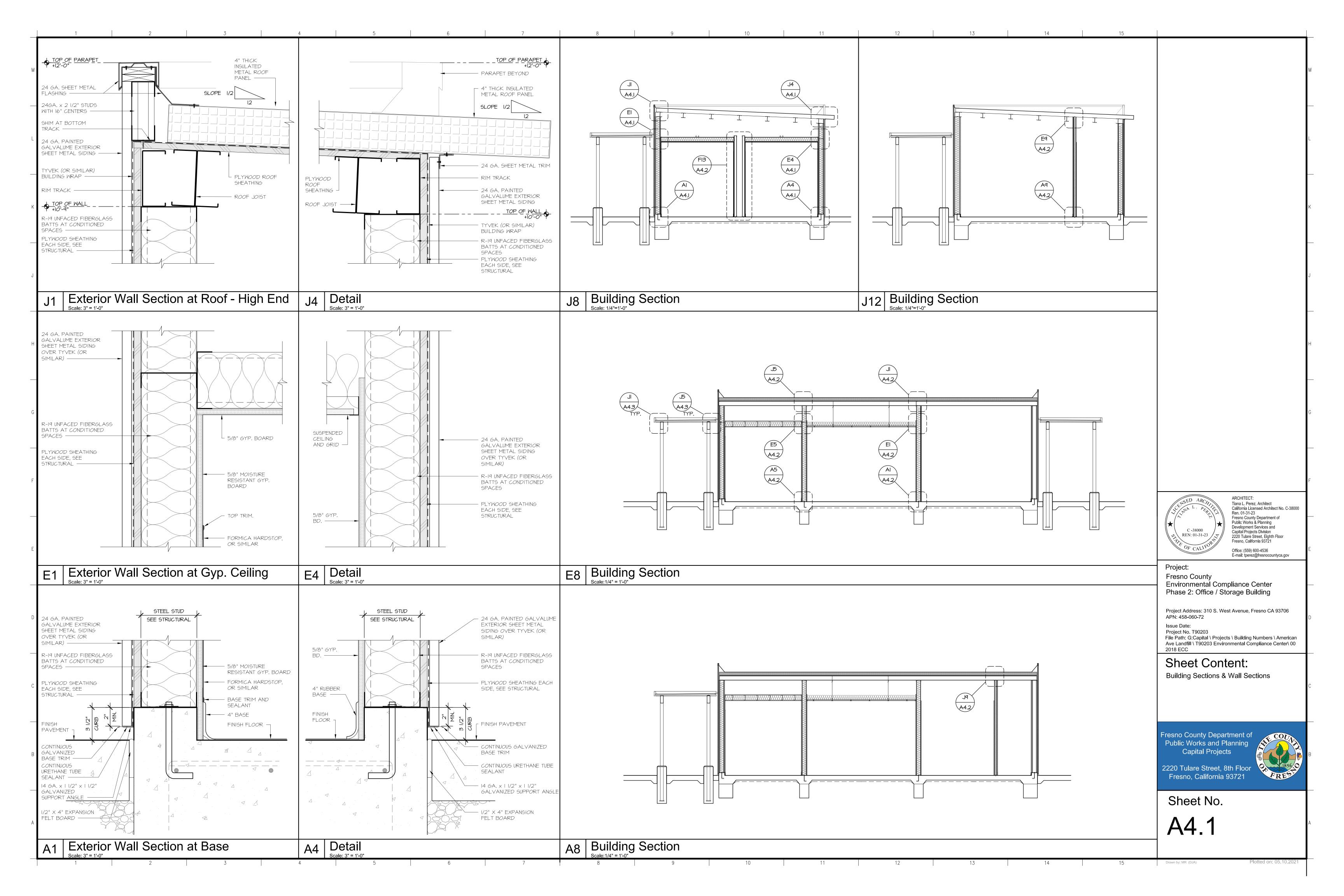
A3.1

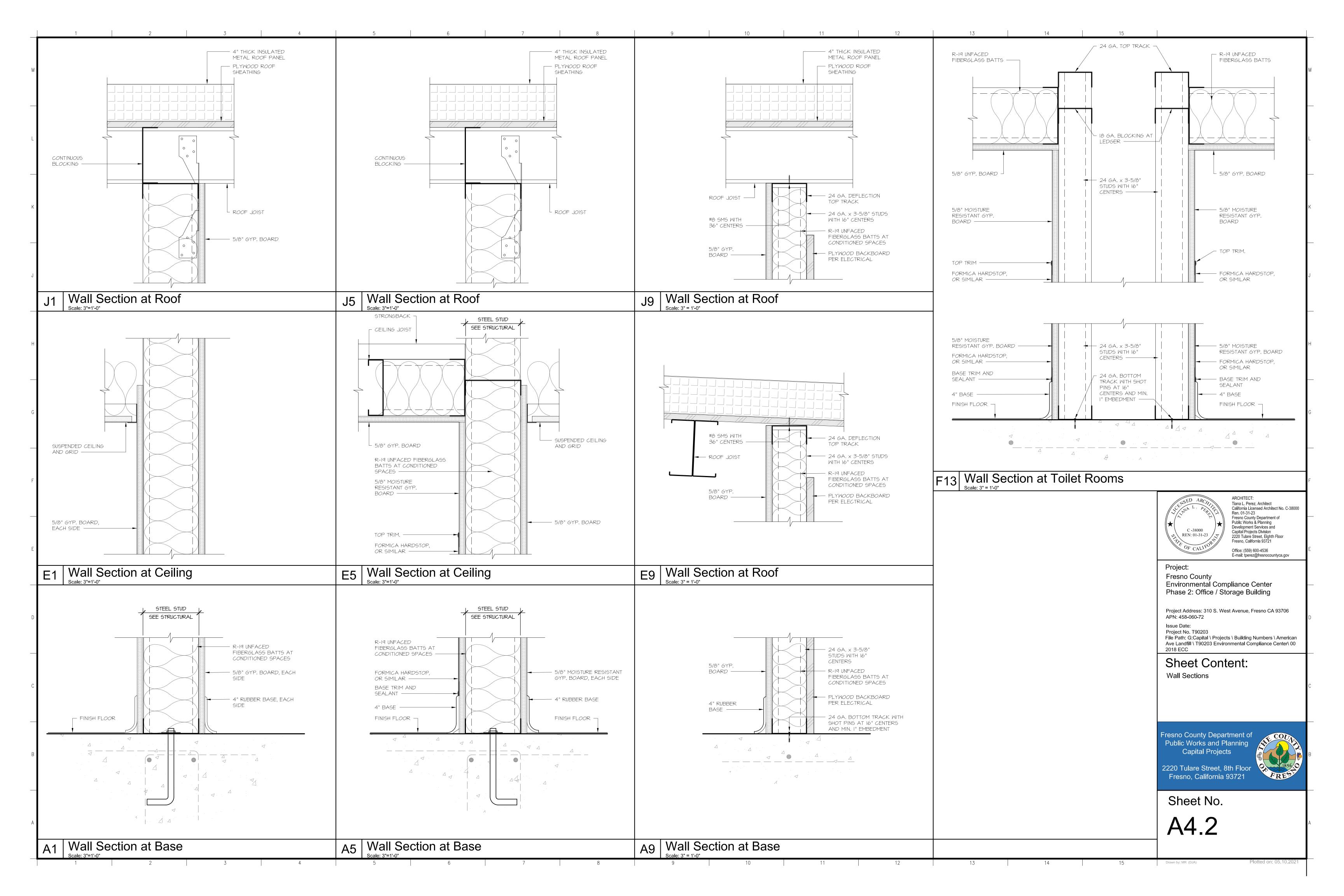
13 14 15 Drawn by: MR (DJA)

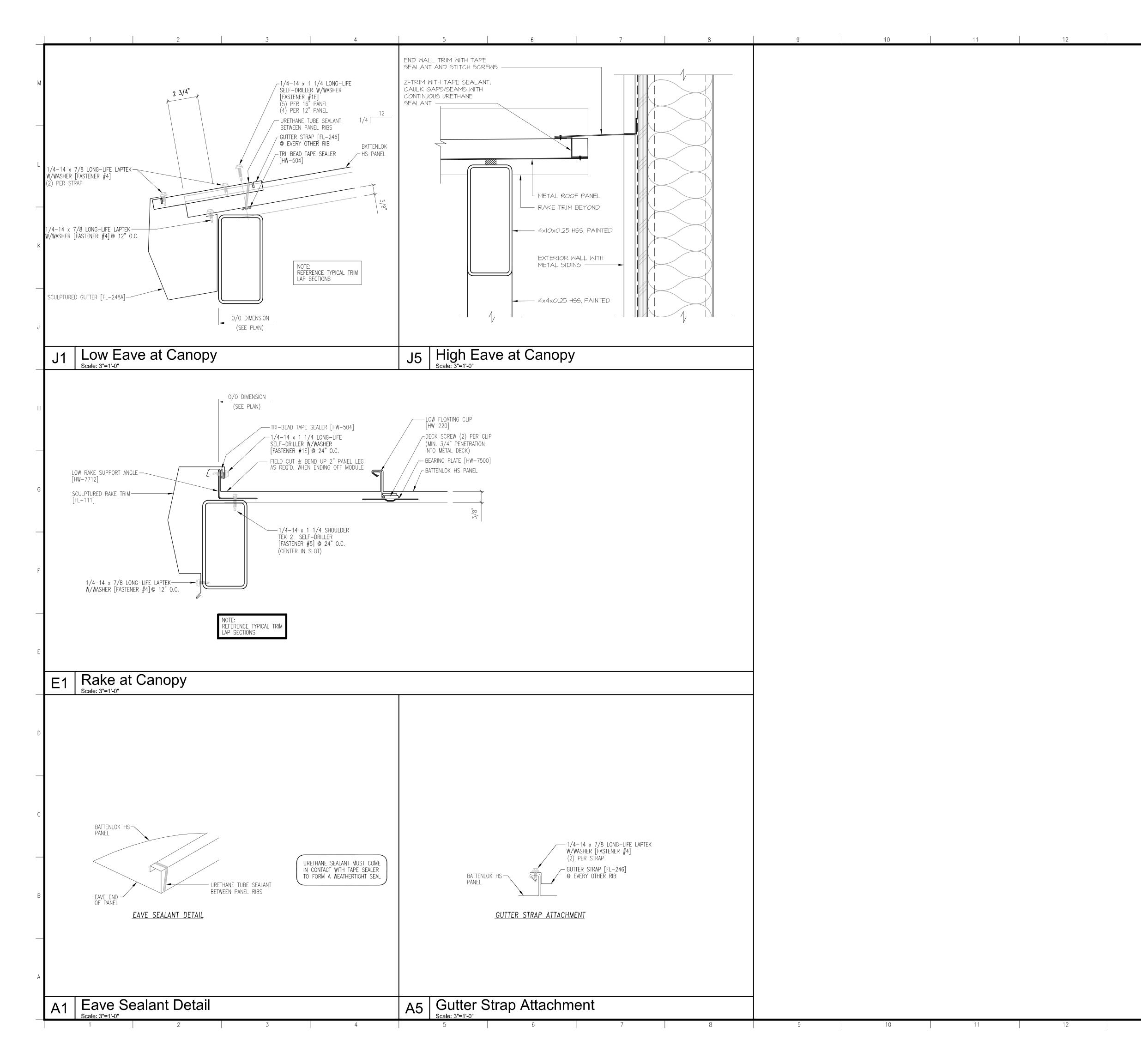


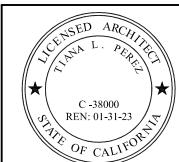
| | | 7 | 8 | | 9 | | | 10 | | 11 | 1 | 2 |
|-------|------|---------------------|------|----------|--------|-------|----------|----------|---------|---------|--------------|----------|
| NO. | QTY. | SIZE | DOOR | | | AME | RATED | DET | AILS | THRSHLD | | HARDWARE |
| | | | TYPE | MATERIAL | MAT'L. | ELEV. | ASSEMBLY | HEAD | JAMB | | TYPE | GROUP |
| (100) | Ι | 3'-0"X7'-0"x 3/4" | FG | AL | AL | 2 | - | KI2/A3.3 | F9/A3.3 | A4/A3.3 | 54, 56 | 1.0 |
| | I-PR | 3'-0"X7'-0"x 3/4" | FL-L | HM | НМ | З | - | AI2/A3.3 | A9/A3.3 | A4/A3.3 | 54, 56 | 2.0 |
| (102) | Ι | 3'-0"X7'-0"x 3/4" | FL | HM | НМ | I | - | AI2/A3.3 | A9/A3.3 | A4/A3.3 | SI, S2 \$ S3 | 4.0 |
| (103) | Ι | 3'-0"X7'-0"x 3/4" | FL | HM | НМ | I | - | AI2/A3.3 | A9/A3.3 | A4/A3.3 | SI, S2 \$ S3 | 4.0 |
| (104) | Ι | 3'-0"x7'-0"x 3/4" | FL | НМ | НМ | I | - | AI2/A3.3 | A9/A3.3 | A4/A3.3 | 54, 56 | 3.0 |
| | I | 3'-0"X7'-0"x 3/4" | FL | HM | НМ | | - | A7/A3.3 | A7/A3.3 | - | 54, 56 | 5.0 |
| | | | | | | | | | | | | |











ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-23 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721

Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project: Fresno County Environmental Compliance Center Phase 2: Office / Storage Building

Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72

Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: Canopy Details

Fresno County Department of Public Works and Planning Capital Projects



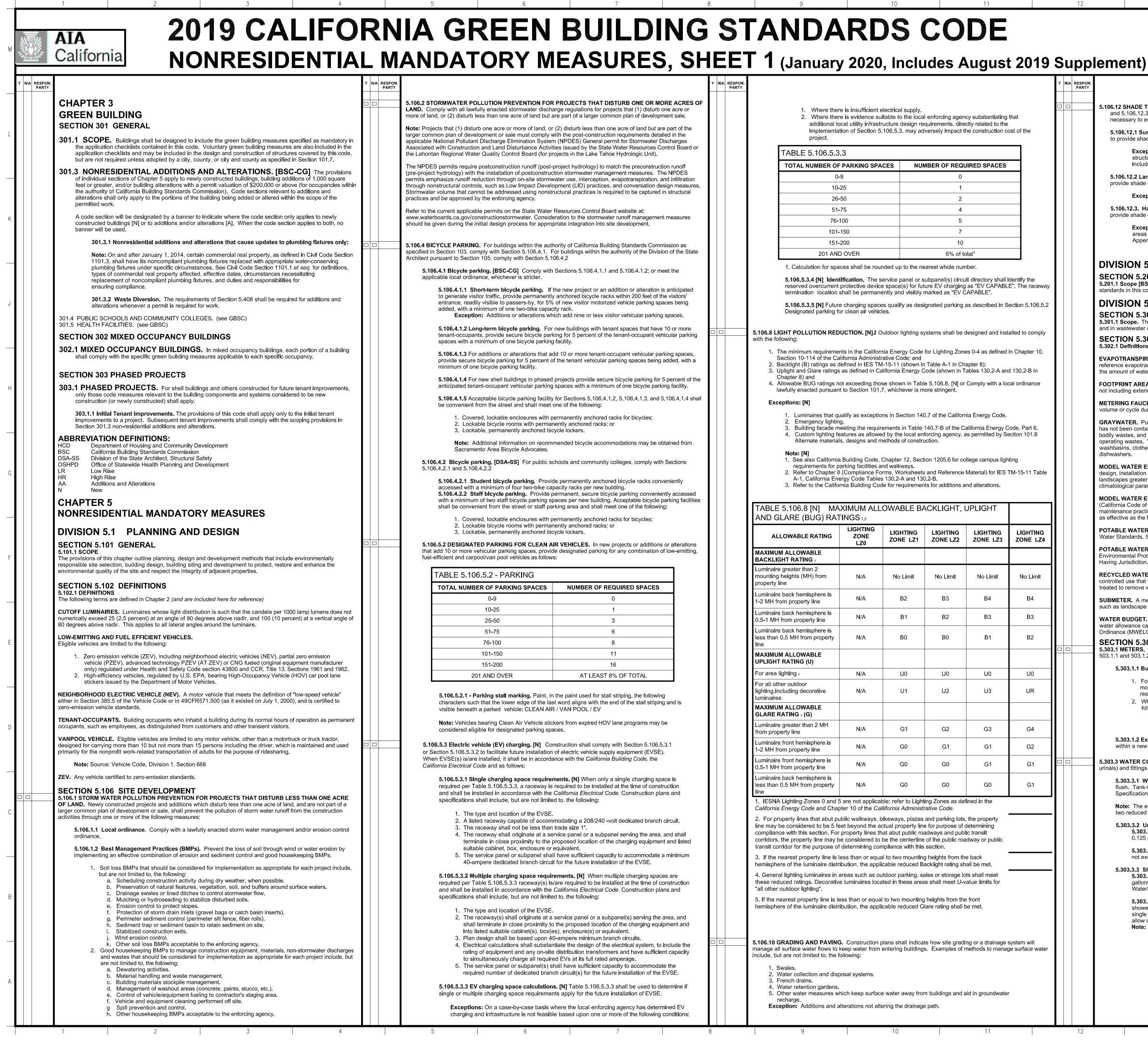
Plotted on: 05.10.2021

2220 Tulare Street, 8th Floor Fresno, California 93721

Sheet No.

A4.3

13 14 15 Drawn by: MR (DJA)



2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

| 1 | | | / | , | | 0 | | | | , |
|---|------------------------|--|----------------------|---|----------------------|----------------------|----------------------|----|-----------------|-------|
| | Y N/A RESPON. PARTY | | | | | | | YN | I/A RESP PAR | |
| OR PROJECTS THAT DISTURB ONE OR MORE ACRES OF | | | | | | | | | _ | |
| scharge regulations for projects that (1) disturb one acre or ut are part of a larger common plan of development sale. | | | | electrical supply. uitable to the loca | al enforcing agen | cy substantiating | that | | | |
| , or (2) disturb less than one acre of land but are part of the | | additional lo | ocal utility infrast | tructure design re 5.106.5.3, may ac | equirements, dire | ctly related to the | | | | |
| ly with the post-construction requirements detailed in the stem (NPDES) General permit for Stormwater Discharges | | project. | | | | | | | | |
| tivities issued by the State Water Resources Control Board or r projects in the Lake Tahoe Hydrologic Unit). | | TABLE 5.106.5.3 | .3 | | | | | | | |
| ost-project hydrology) to match the preconstruction runoff ruction stormwater management measures. The NPDES | | TOTAL NUMBER OF | | ACES NU | | JIRED SPACES | | | | |
| mwater use, interception, evapotranspiration, and infiltration velopment (LID) practices, and conversation design measures. | | 0- | | | 0 | | | | | |
| nstructural practices is required to be captured in structural | | 26- | | | 2 | | | | | |
| ter Resources Control Board website at: sideration to the stormwater runoff management measures | | 51- | -75 | | 4 | | | | | |
| propriate integration into site development. | | 76-1 | | | 5 | | | | | |
| authority of California Building Standards Commission as | | 101- | | | 7 | | | | | |
| . For buildings within the authority of the Division of the State 5,106,4,2 | | 201 ANE | | | 6% of to | otal ¹ | | | | |
| rith Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the | | 1. Calculation for spa | ices shall be rou | unded up to the n | earest whole num | nber. | | | | |
| | | 5.106.5.3.4 [N] Ident reserved overcurrent | | | | | | | | |
| If the new project or an addition or alteration is anticipated ntly anchored bicycle racks within 200 feet of the visitors' | | termination location | | | | | | | | |
| 5% of new visitor motorized vehicle parking spaces being pacity rack. | | 5.106.5.3.5 [N] Future Designated parking fo | | | ignated parking | as described in S | ection 5.106.5.2 | | | |
| which add nine or less visitor vehicular parking spaces. For new buildings with tenant spaces that have 10 or more | | | | | | | | | | |
| arking for 5 percent of the tenant-occupant vehicular parking ing facility. | | 5.106.8 LIGHT POLLUTION RED with the following: | OUCTION. [N].I | Outdoor lighting s | ystems shall be o | lesigned and inst | alled to comply | | | |
| add 10 or more tenant-occupant vehicular parking spaces, | | 1. The minimum requiremen Section 10-114 of the Ca | nts in the Califor | rnia Energy Code | for Lighting Zone | es 0-4 as defined | in Chapter 10, | | | |
| it of the tenant vehicular parking spaces being added, with a | | 2. Backlight (B) ratings as d 3. Uplight and Glare ratings | defined in IES TM | M-15-11 (shown ii | | | d 130 2-B in | | | |
| ed projects provide secure bicycle parking for 5 percent of the | | Chapter 8) and 4. Allowable BUG ratings | | | , | | | | | |
| ing spaces with a minimum of one bicycle parking facility. lity for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall | | lawfully enacted pursuan | | | | . , | | | | |
| et one of the following: | | Exceptions: [N] | | | 07.64 | · _ · | | | | |
| n permanently anchored racks for bicycles; nanently anchored racks; or | | Luminaires that qu Emergency lightin Building facade m | ig. | | | | ode Bort 6 | | | |
| bicycle lockers. | | Building facade m Custom lighting fe Alternate material | eatures as allowe | ed by the local en | forcing agency, a | as permitted by Se | ection 101.8 | | | |
| mmended bicycle accommodations may be obtained from | | Note: [N] | | | | | | | | |
| schools and community colleges, comply with Sections | | 1. See also California requirements for p | arking facilities a | and walkways. | | | | | | |
| vide permanently anchored bicycle racks conveniently | | Refer to Chapter 8 A-1, California Energy | ergy Code Table | es 130.2-A and 13 | 0.2-B. | | TM-15-11 Table | | | |
| capacity racks per new building. e permanent, secure bicycle parking conveniently accessed | | 3. Refer to the Califo | rnia Building Co | de for requiremen | nts for additions a | nd alterations. | | | | |
| spaces per new building. Acceptable bicycle parking facilities parking area and shall meet one of the following: | | TABLE 5.106.8 [N] MA | | | ACKLIGHT. U | JPLIGHT | | | | |
| n permanently anchored racks for bicycles; nanently anchored racks; or | | AND GLARE (BUG) RAT | | | | | | | | |
| bicycle lockers. | | ALLOWABLE RATING | LIGHTING ZONE | LIGHTING ZONE LZ1 | LIGHTING ZONE LZ2 | LIGHTING ZONE LZ3 | LIGHTING ZONE LZ4 | | | |
| AIR VEHICLES. In new projects or additions or alterations vide designated parking for any combination of low-emitting, | | MAXIMUM ALLOWABLE | LZ0 | | | | | | | |
| ows: | | BACKLIGHT RATING 3 | | | | | | | | |
| | | mounting heights (MH) from property line | N/A | No Limit | No Limit | No Limit | No Limit | | | |
| NUMBER OF REQUIRED SPACES | | Luminaire back hemisphere is | N/A | B2 | B3 | B4 | B4 | | | |
| 1 | | 1-2 MH from property line Luminaire back hemisphere is | | | | | | | | |
| 3 | | 0.5-1 MH from property line | N/A | B1 | B2 | B3 | B3 | | | |
| 6 | | Luminaire back hemisphere is less than 0.5 MH from property | N/A | В0 | В0 | B1 | B2 | | | |
| 8 | | line MAXIMUM ALLOWABLE | | | | | | | | _ |
| 16 | | UPLIGHT RATING (U) | | | | | | | | |
| AT LEAST 8% OF TOTAL | | For area lighting ₄ For all other outdoor | N/A | U0 | U0 | U0 | U0 | | | |
| , in the paint used for stall striping, the following | | lighting,including decorative | N/A | U1 | U2 | U3 | UR | | | |
| last word aligns with the end of the stall striping and is AIR / VAN POOL / EV | | MAXIMUM ALLOWABLE | | | | | | | | |
| tickers from expired HOV lane programs may be | | GLARE RATING 5 (G) Luminaire greater than 2 MH | | | | | | | | |
| spaces. | | from property line | N/A | G1 | G2 | G3 | G4 | | | |
| Construction shall comply with Section 5.106.5.3.1 on of electric vehicle supply equipment (EVSE). | | Luminaire front hemisphere is 1-2 MH from property line | N/A | G0 | G1 | G1 | G2 | | | |
| rdance with the California Building Code, the | | Luminaire front hemisphere is 0.5-1 MH from property line | N/A | G0 | G0 | G1 | G1 | | | _ |
| rements. [N] When only a single charging space is | | Luminaire back hemisphere is | | | | | | | | |
| is required to be installed at the time of construction the California Electrical Code. Construction plans and | | less than 0.5 MH from property line | N/A | G0 | G0 | G0 | G1 | | | |
| ited to, the following: | | 1. IESNA Lighting Zones 0 and 5 California Energy Code and Chap | | | | ined in the | | | | |
| E. ommodating a 208/240 -volt dedicated branch circuit. | | 2. For property lines that abut pu | ublic walkways, l | bikeways, plazas | and parking lots | | | | | |
| an trade size 1". service panel or a subpanel serving the area, and shall | | line may be considered to be 5 fe compliance with this section. For | property lines th | hat abut public ro | adways and publ | ic transit | | | | |
| e proposed location of the charging equipment and listed or equivalent. | | corridors, the property line may b transit corridor for the purpose of | | | | ldway or public | | | | |
| nall have sufficient capacity to accommodate a minimum suit for the future installation of the EVSE. | | If the nearest property line is l hemisphere of the luminaire distr | | | | | | | | |
| uirements. [N] When multiple charging spaces are | | 4. General lighting luminaires in a | areas such as o | utdoor parking, s | ales or storage lo | ts shall meet | | | | |
| is/are required to be installed at the time of construction ne California Electrical Code. Construction plans and | | these reduced ratings. Decorative "all other outdoor lighting". | e iuminaires loc | ated in these area | as shall meet U-v | alue limits for | | | | |
| ited to, the following: | | If the nearest property line is le hemisphere of the luminaire distr | | | | | | | | |
| E. t a service panel or a subpanel(s) serving the area, and | | | , sppi | | | | | | | |
| to the proposed location of the charging equipment and x(es), enclosure(s) or equivalent. | | | | | | | | | | |
| 40-ampere minimum branch circuits. tantiate the design of the electrical system, to include the | | 5.106.10 GRADING AND PAVING manage all surface water flows to l | | | | | | | | |
| site distribution transformers and have sufficient capacity uired EVs at its full rated amperage. | | include, but are not limited to, the f | | | | | | | | |
|) shall have sufficient capacity to accommodate the anch circuit(s) for the future installation of the EVSE. | | Swales. Water collection and disp | oosal systems. | | | | | | | |
| ons. [N] Table 5.106.5.3.3 shall be used to determine if | | French drains. Water retention gardens. | · | <i>4</i> | | | _ | | | |
| nents apply for the future installation of EVSE. | | Other water measures where the recharge. Exception: Additions and a | · | - | - | na in groundwate | I | | | |
| s where the local enforcing agency has determined EV sible based upon one or more of the following conditions: | | LACEPHON. Additions and a | atorations not all | tering the drainag | ο ραπ. | | | | | |
| | | | | | | | | | 1 | |

RESPONSIBLE PARTY A — ARCHITECT E — ENGINEER O — OWNER -- CONTRACTOR

2 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, d 5 106 12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation cessary to establish and maintain tree health shall comply with Section 5.304.6.

106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed provide shade over 50 percent of the parking area within 15 years.

Exceptions: The surface parking area covered by solar photovoltaic shade structures, or shade structures, with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculations.

106.12.2 Landscape areas. Shade tress plantings, minimum #10 container size or equal shall be installed to ovide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation. 106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to ovide shade over 20 percent of the hardscape area within 15 years.

Exceptions: Walks, hardscape areas covered by solar photovoltaic shade structures, and hardscape areas covered by shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculation.

ISION 5.2 ENERGY EFFICIENCY

TION 5.201 GENERAL

1 Scope [BSC-CG]. California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency rds in this code, the California Energy Commission will continue to adopt mandatory building standards.

ISION 5.3 WATER EFFICIENCY AND CONSERVATION

TION 5.301 GENERAL **1 Scope.** The provisions of this chapter shall establish the means of conserving water use indoors, outdoors wastewater convevance.

TION 5.302 DEFINITIONS

Definitions. The following terms are defined in Chapter 2 (and are included here for reference) **OTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS].** An adjustment factor when applied to

nce evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on nount of water that needs to be applied to the landscape.

PRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, luding exterior areas such as stairs, covered walkways, patios and decks.

RING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The e or cycle duration can be fixed or adjustable.

WATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that t been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or ing wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom asins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or

L WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape installation and maintenance practices that will ensure commercial, multifamily and other developer installed apes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and ological parameters.

L WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance rnia Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and nance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least ctive as the MWELO.

BLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Standards. See definition in the California Plumbing Code, Part 5.

BLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic puroses, and meets the U.S. nmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority

CLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a led use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water to remove waste matter attaining a quality that is suitable to use the water again.

ETER. A meter installed subordinate to a site meter. Usually used to measure water intended for one purpose, as landscape irrigation. For the purposes of CALGreen, a dedicated meter may be considered a submeter.

ER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape ance (MWELO).

TION 5.303 INDOOR WATER USE

1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections and 503.1.2

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.

2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s). b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s). c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and s) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.

11

5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads [BSC-CG]

5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time. Note: A hand-held shower shall be considered a showerhead

C -38000 REN: 01-31-23

ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren 01-31-23 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721

Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project: Fresno County **Environmental Compliance Center** Phase 2: Office / Storage Building

Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72

Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: **CAL GREEN COMPLIANCE SHEET 1**

Fresno County Department of Public Works and Planning Capital Projects



Plotted on: 05.10.202

2220 Tulare Street, 8th Floor Fresno, California 93721

Sheet No

| RESPON. PARTY | 5.303.3.4 Faucets and fountains. 5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi. 5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 | Y N/A | RESPON. PARTY | SECTION 5.407 WATER RESISTANCE AND MOISTU 5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior v California Building Code Section 1402.2 (Weather Protection), manufactu ordinance, whichever is more stringent. 5.407.2 MOISTURE CONTROL. Employ moisture control measures by th |
|------------------|--|-------|------------------|---|
| | 5.303.3.4.2 Kitchen laddets. Kitchen faucets shall have a maximum how lade of hot more than 1.3 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi. 5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches) at 60 psi]. 5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle. 5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per cycle. 5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per cycle. 5.303.3.4.5 Metering faucets are unavailable, aerators or other means may be used to achieve reduction. 5.303.4 COMMERCIAL KITCHEN EQUIPMENT. | | | 5.407.2.1 Sprinklers. Design and maintain landscape irrigation systematics 5.407.2.2 Entries and openings. Design exterior entries and/or operain to prevent water intrusion into buildings as follows: 5.407.2.2.1 Exterior door protection. Primary exterior entries intrusion by using nonabsorbent floor and wall finishes within such openings plus at least one of the following: An installed awning at least 4 feet in depth. The door is protected by a roof overhang at least 4 Other methods which provide equivalent protection 5.407.2.2.2 Flashing. Install flashings integrated with a drait |
| | 5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water. Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation. 5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California | | | RECYCLING 5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salv non-hazardous construction and demolition waste in accordance with Sec meet a local construction and demolition waste management ordinance, w 5.408.1.1 Construction waste management plan. Where a local ju |
| | Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building. 5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the <i>California Plumbing Code</i>, and shall meet the applicable standards referenced in Table 1701.1 of the <i>California Plumbing Code</i> and in Chapter 6 of this code. | | | demolition waste management ordinance, submit a construction wa 1. Identifies the construction and demolition waste materials usage, recycling, reuse on the project or salvage for futur 2. Determines if construction and demolition waste material bulk mixed (single stream). 3. Identifies diversion facilities where construction and demolition 4. Specifies that the amount of construction and demolition |
| | SECTION 5.304 OUTDOOR WATER USE 5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent. | | | by weight or volume, but not by both. 5.408.1.2 Waste Management Company. Utilize a waste manage documentation that the percentage of construction and demolition v complies with this section. Note: The owner or contractor shall make the determination if the o |
| | The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/. 5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7 Division 2. Collidering Code of Department for the the current prior of water (CTAC) | | | will be diverted by a waste management company. Exceptions to Sections 5.408.1.1 and 5.408.1.2: Excavated soil and land-clearing debris. Alternate waste reduction methods developed by working facilities capable of compliance with this item do not exist Demolition waste meeting local ordinance or calculated in |
| | 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35. Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO. 5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet. 5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape landscape area equal to or greater than 1,200 square feet. | | | and markets. 5.408.1.3 Waste stream reduction alternative. The combined we not exceed two pounds per square foot of building area may be dee as approved by the enforcing agency. 5.408.1.4 Documentation. Documentation shall be provided to the compliance with Sections 5.408.1.1, through 5.408.1.3. The waste necessary and shall be accessible during construction for examinat Notes: |
| | DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY | | | Sample forms found in "A Guide to the California Green I located at www.bsc.ca.gov/Home/CALGreen.aspx may b with the waste management plan. Mixed construction and demolition debris processors can Resources Recycling and Recovery (CalRecycle). 5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building |
| | SECTION 5.401 GENERAL 5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting. SECTION 5.402 DEFINITIONS | | | provisions in Section 301.3 for nonresidential additions and alterations, shitems such as fluorescent lamps and ballast and mercury containing them Universal Waste materials are disposed of properly and are diverted from materials shall be included in the construction documents. Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEA |
| | 5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference) ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper. BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities. | | | 5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percervegetation and soils resulting primarily from land clearing shall be reused material may be stockpiled on site until the storage site is developed. Exception: Reuse, either on or off-site, of vegetation or soil contained. |
| | BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements. ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food solled paper waste that is mixed in with food waste. | | | Notes: 1. If contamination by disease or pest infestation is suspect Commissioner and follow its direction for recycling or dis 2. For a map of know pest and/or disease quarantine zones Food and Agriculture. (www.cdfa.ca.gov) |
| | TEST. A procedure to determine quantitative performance of a system or equipment | | | SECTION 5.410 BUILDING MAINTENANCE AND OF 5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible area identified for the depositing, storage and collection of non-hazardous mat paper, corrugated cardboard, glass, plastics, organic waste, and metals o ordinance, if more restrictive. Exception: Rural jurisdictions that meet and apply for the exempti |
| | | | | Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the orga 5.410.1.1 Additions. All additions conducted within a 12-month per resulting in an increase of 30% or more in floor area, shall provide Exception: Additions within a tenant space resulting in less floor area. |
| | | | | 5.410.1.2 Sample ordinance. Space allocation for recycling areas Division 30 of the <i>Public Resources Code</i>. Chapter 18 is known as Recycling Access Act of 1991 (Act). Note: A sample ordinance for use by local agencies may be found CalRecycle's web site. |
| | | | | |
| | | | | |
| | | | | |

I BUILDING STANDARDS CODE MEASURES, SHEET 2 (January 2020, Includes August 2019 Supplement) AND MOISTURE MANAGEMENT 5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to resistant exterior wall and foundation envelope as required by ection), manufacturer's installation instructions or local verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and rol measures by the following methods. -occupancies that are not regulated y the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply. scape irrigation systems to prevent spray on structures. Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water or entries and/or openings subject to foot traffic or wind-driven heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements NIOWS imary exterior entries shall be covered to prevent water Commissioning requirements shall include: I wall finishes within at least 2 feet around and perpendicular to Owner's or Owner representative's project requirements. owing: Basis of design. et in depth. overhang at least 4 feet in depth. quivalent protection.

TE REDUCTION. DISPOSAL AND

Recycle and/or salvage for reuse a minimum of 65% of th cordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; ement ordinance, whichever is more stringent.

an. Where a local jurisdiction does not have a constructio t a construction waste management plan that:

on waste materials to be diverted from disposal by efficie or salvage for future use or sale. tion waste materials will be sorted on-site (source-separa

struction and demolition waste material collected will be on and demolition waste materials diverted shall be calcu

ze a waste management company that can provide verifi on and demolition waste material diverted from the landfi

etermination if the construction and demolition waste material

veloped by working with local agencies if diversion or recycle is item do not exist. nce or calculated in consideration of local recycling facilities

The combined weight of new construction disposal that does g area may be deemed to meet the 65% minimum requirement

be provided to the enforcing agency which demonstrates 08.1.3. The waste management plan shall be updated as uction for examination by the enforcing agency.

California Green Building Standards Code (Nonresidential)" Green.aspx may be used to assist in documenting compliance

ris processors can be located at the California Department of alRecycle).

ations to a building or tenant space that meet the scoping and alterations, shall require verification that Universal Waste ry containing thermostats as well as other California prohibited are diverted from landfills. A list of prohibited Universal Waste

Regs/upload/OEAR-A_REGS_UWR_FinalText.pdf **EBRIS.** 100 percent of trees, stumps, rocks and associated ng shall be reused or recycled. For a phased project, such

is developed. ation or soil contaminated by disease or pest infestation.

estation is suspected, contact the County Agricultural for recycling or disposal of the material. e quarantine zones, consult with the California Department of

NCE AND OPERATIONS ly accessible areas that serve the entire building and are

on-hazardous materials for recycling, including (at a minimum) aste, and metals or meet a lawfully enacted local recycling

bly for the exemption in Public Resources empt from the organic waste portion of this section.

thin a 12-month period under single or multiple permits, rea, shall provide recycling areas on site.

ce resulting in less than a 30% increase in the tenant space

for recycling areas shall comply with Chapter 18, Part 3, er 18 is known as the California Solid Waste Reuse and

cies may be found in Appendix A of the document at the

| | Commissioning measures shown in the construction documents. Commissioning plan. Functional performance testing. Documentation and training. |
|------------------|---|
| | 7. Commissioning report. Exceptions: |
| | Unconditioned warehouses of any size. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses. |
| e or | Tenant improvements less than 10,000 square feet as described in Section 303.1.1. Open parking garages of any size, or open parking garage areas, of any size, within a structure. |
| on and | Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning. |
| ent | Informational Notes: |
| ited) or | 1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for gualifications of commissioning personnel. AC 476 day not certific individuals to conduct functional |
| taken. ulated | qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional performance tests or to adjust and balance systems. |
| able | Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the <i>California Energy Code</i>. |
| | |

5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:

- Environmental and sustainability goals. Building sustainable goals.
- 3. Indoor environmental quality requirements.
- 4. Project program, including facility functions and hours of operation, and need for after hours operation
- 5 Equipment and systems expectations. 6. Building occupant and operation and maintenance (O&M) personnel expectations.

5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:

- Renewable energy systems. Landscape irrigation systems
- Water reuse system.

5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following: General project information.

- Commissioning goals.
- 3. Systems to be commissioned. Plans to test systems and components shall include: a. An explanation of the original design intent.
 - Equipment and systems to be tested, including the extent of tests. c. Functions to be tested.
- d. Conditions under which the test shall be performed.
- e. Measurable criteria for acceptable performance.
- 4. Commissioning team information. 5. Commissioning process activities, schedules and responsibilities. Plans for the completion of
- commissioning shall be included.

5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments

5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations.

5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:

- 1. Site information, including facility description, history and current requirements.
- 2. Site contact information. 3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.
- 4. Maior systems.
- 5. Site equipment inventory and maintenance notes.
- 6. A copy of verifications required by the enforcing agency or this code. 7. Other resources and documentation, if applicable.

5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:

- 1. System/equipment overview (what it is, what it does and with what other systems and/or
- equipment it interfaces).
- 2. Review and demonstration of servicing/preventive maintenance. 3. Review of the information in the Systems Manual.
- 4. Review of the record drawings on the system/equipment.

5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.

5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 (Reserved)

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific svstems. **5.410.4.2 Systems.** Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. Renewable energy systems.

- 2. Landscape irrigation systems.
- 3. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

N/A RESPO

SECTION 5.502 DEFINITIONS **5.502.1 DEFINITIONS.** The following terms are defined in Chapter 2 (and are included here for reference)

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route. A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting

adjustments have been made. **1 BTU/HOUR.** British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu,

the amount of heat required to melt a ton (2,000 pounds) of ice at 32⁰ Fahrenheit. COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm o 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood l-joists or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.). DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.

ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code, off-road, self-propoelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.

ELECTRIC VEHICLE CHARGING STATION(S) (EVCSj). One or more spaces intended for charging electric vehicles. ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections. GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995), or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundreths of a gram (g O³/g ROC).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected o remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17. Section 94508(a)

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question. SECTION 5.503 FIREPLACES

5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.

5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. SECTION 5.504 POLLUTANT CONTROL 5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if

necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction

NOT APPLICABLE RESPONSIBLE PARTY A — ARCHITECT E — ENGINEER O — OWNER - CONTRACTO

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.

DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.501 GENERAL

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.

Note: See CCR, Title 17, Section 93120.1.

equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilation equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.



ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren 01-31-23 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721

Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project: Fresno County Environmental Compliance Center Phase 2: Office / Storage Building

Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72

Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: CAL GREEN COMPLIANCE SHEET 2

Fresno County Department of Public Works and Planning Capital Projects



Plotted on: 05.10.202

<u>2220 Tulare Street, 8th Floor</u> Fresno, California 93721

Sheet No.

Drawn by: MR (DJA)



N/A RESPON PARTY

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (January 2020, Includes August 2019 Supplement

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards: 1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such

products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

A RESP

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.

| Less Water and Less Exempt Compounds in Grams pe | er Liter |
|--|-------------------|
| ARCHITECTURAL APPLICATIONS | CURRENT VOC LIMIT |
| INDOOR CARPET ADHESIVES | 50 |
| CARPET PAD ADHESIVES | 50 |
| OUTDOOR CARPET ADHESIVES | 150 |
| WOOD FLOORING ADHESIVES | 100 |
| RUBBER FLOOR ADHESIVES | 60 |
| SUBFLOOR ADHESIVES | 50 |
| CERAMIC TILE ADHESIVES | 65 |
| VCT & ASPHALT TILE ADHESIVES | 50 |
| DRYWALL & PANEL ADHESIVES | 50 |
| COVE BASE ADHESIVES | 50 |
| MULTIPURPOSE CONSTRUCTION ADHESIVES | 70 |
| STRUCTURAL GLAZING ADHESIVES | 100 |
| SINGLE-PLY ROOF MEMBRANE ADHESIVES | 250 |
| OTHER ADHESIVES NOT SPECIFICALLY LISTED | 50 |
| SPECIALTY APPLICATIONS | |
| PVC WELDING | 510 |
| CPVC WELDING | 490 |
| ABS WELDING | 325 |
| PLASTIC CEMENT WELDING | 250 |
| ADHESIVE PRIMER FOR PLASTIC | 550 |
| CONTACT ADHESIVE | 80 |
| SPECIAL PURPOSE CONTACT ADHESIVE | 250 |
| STRUCTURAL WOOD MEMBER ADHESIVE | 140 |
| TOP & TRIM ADHESIVE | 250 |
| SUBSTRATE SPECIFIC APPLICATIONS | |
| METAL TO METAL | 30 |
| PLASTIC FOAMS | 50 |
| POROUS MATERIAL (EXCEPT WOOD) | 50 |
| WOOD | 30 |
| FIBERGLASS | 80 |

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168,

www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

| TABLE 5.504.4.2 - SEALANT VO | C LIMIT |
|---|-------------------|
| Less Water and Less Exempt Compounds in | Grams per Liter |
| SEALANTS | CURRENT VOC LIMIT |
| ARCHITECTURAL | 250 |
| MARINE DECK | 760 |
| NONMEMBRANE ROOF | 300 |
| ROADWAY | 250 |
| SINGLE-PLY ROOF MEMBRANE | 450 |
| OTHER | 420 |
| SEALANT PRIMERS | |
| ARCHITECTURAL | |
| NONPOROUS | 250 |
| POROUS | 775 |
| MODIFIED BITUMINOUS | 500 |
| MARINE DECK | 760 |
| OTHER | 750 |

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

3

4

5

| TABLE 5.504.4.3 - VOC CONTENT L |
|--|
| |
| GRAMS OF VOC PER LITER OF COATING, LESS WATER COATING CATEGORY |
| FLAT COATINGS |
| NONFLAT COATINGS |
| NONFLAT HIGH GLOSS COATINGS |
| SPECIALTY COATINGS |
| BASEMENT SPECIALTY COATINGS |
| BITUMINOUS ROOF COATINGS |
| BITUMINOUS ROOF PRIMERS |
| BOND BREAKERS |
| CONCRETE CURING COMPOUNDS |
| DRIVEWAY SEALERS |
| DRY FOG COATINGS |
| FAUX FINISHING COATINGS |
| FIRE RESISTIVE COATINGS |
| FLOOR COATINGS FORM-RELEASE COMPOUNDS |
| GRAPHIC ARTS COATINGS (SIGN PAINTS) |
| HIGH-TEMPERATURE COATINGS |
| INDUSTRIAL MAINTENANCE COATINGS |
| LOW SOLIDS COATINGS1 MAGNESITE CEMENT COATINGS |
| MASTIC TEXTURE COATINGS |
| METALLIC PIGMENTED COATINGS |
| MULTICOLOR COATINGS |
| PRETREATMENT WASH PRIMERS |
| PRIMERS, SEALERS, & UNDERCOATERS |
| REACTIVE PENETRATING SEALERS |
| ROOF COATINGS |
| RUST PREVENTATIVE COATINGS |
| SHELLACS: |
| CLEAR |
| OPAQUE |
| SPECIALTY PRIMERS, SEALERS & UNDERCOA |
| STAINS |
| |
| |
| STONE CONSOLIDANTS SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS |
| SWIMMING POOL COATINGS |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in the product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in the product requirements: 1. Carpet and Rug Institute's Green Label M 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label II 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustain |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in the product requirements: 1. Carpet and Rug Institute's Green Label M 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or higher |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustain 5. Compliant with the Collaborative for Hig listed in the CHPS High Performance Pr |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in th product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustain 5. Compliant with the Collaborative for Hig |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label II 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustair 5. Compliant with the Collaborative for Hig listed in the CHPS High Performance Pr |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label II 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustain 5. Compliant with the COllaborative for Hig listed in the CHPS High Performance Pr 5.504.4.5 Composite wood products. Hardwood composite wood products used on the interior or e |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificativ 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustair 5. Compliant with the COllaborative for Hig listed in the CHPS High Performance Pr 5.504.4.5 Composite wood products. Hardwooc composite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Con seq.). Those materials not exempted under the AT |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificativ 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in the product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustair 5. Compliant with the COllaborative for Hig listed in the CHPS High Performance Pr 5.504.4.1 Carpet and Rug Institute's Carpet and Rug I 5.504.4.2 Carpet adhesive. All carp formaldehyde as specified in ARB's Air Toxics Cor seq.). Those materials not exempted under the AT Table 5.504.4.5. |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificativ 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustair 5. Compliant with the COllaborative for Hig listed in the CHPS High Performance Pr 5.504.4.5 Composite wood products. Hardwooc composite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Con seq.). Those materials not exempted under the AT |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificati 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in the product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustair 5. Compliant with the Collaborative for High 1. Sto4.4.1 Carpet cushion. All carp requirements of the Carpet and Rug I 5.504.4.4.2 Carpet adhesive. All carp frequirements of the Carpet and Rug I 5.504.4.4.2 Carpet adhesive. All carp 5.504.4.5 Composite wood products. Hardwood composite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Cois seq.). Those materials not exempted under the AT Table 5.504.4.5. 5.504.4.5.1 Documentation. Verificat requested by the enforcing agency. D 1. Product certifications and s |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specification 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in the product requirements: 1. Carpet and Rug Institute's Green Label 1 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustair 5. Compliant with the Collaborative for High 4. Scientific Certifications Systems Carpet 5.504.4.4.1 Carpet cushion. All carpor requirements of the Carpet and Rug I S.504.4.5.2 Composite wood products. Hardwood composite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corposite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Corpo |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may if 1. Manufacturer's product specificativ 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M 3. NSF/ANSI 140 at the Gold level or highe 4. Scientific Certifications Systems Sustain 5. Compliant with the Collaborative for High 15. South 4.1 Carpet cushion. All carp requirements of the Carpet and Rug I 5.504.4.1 Carpet and Rug Institute's Core to High 4. Scientific Certifications Systems Core 5.504.4.1 Carpet cushion. All carp requirements of the Carpet and Rug I 5.504.4.5 Composite wood products. Hardwood composite wood products used on the interior or eformaldehyde as specified in ARB's Air Toxics Core seq.). Those materials not exempted under the AT Table 5.504.4.5. 5.504.4.5. Documentation. Verification 1. Product certifications and s 2. Chain of custody certification 3. Product labeled and invoice CCR, Title 17, Section 931 4. Exterior grade products materials and products and s 3. Chain of custody certification |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificati 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M Chemical Emissions Systems Sustair 5. Compliant with the Collaborative for Hig listed in the CHPS High Performance Pr 5.504.4.1 Carpet cushion. All carp requirements of the Carpet and Rug I 5.504.4.5. Documentation. Verifica requested by the enforcing agency. D 1. Product certifications and s 2. Chain of custody certificatio 3. Product labeled and invoice CCR, Title 17, Section 931 4. Exterior grade products ma Engineered Wood Associat standards. |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificatin 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in the product requirements: 1. Carpet and Rug Institute's Green Label II 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M Chemical Emissions Systems Sustair 5. Compliant with the Collaborative for Hig listed in the CHPS High Performance Pr 5.504.4.1 Carpet cushion. All carp requirements of the Carpet and Rug I 5.504.4.5. Composite wood products. Hardwood composite wood products used on the interior or e formaldehyde as specified in ARB's Air Toxics Cor- seq.). Those materials not exempted under the AT Table 5.504.4.5. 5.504.4.5. 5.504.4.5. 1. Product certifications and s 2. Chain of custody certification 3. NEFIANSI 140 at the enforcing agency. D 1. Product certifications and s 2. Chain of custody certification 3. Exterior grade products materials not exempted under the AT Table 5.504.4.5. |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificati 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M Chemical Emissions Systems Sustair 5. Compliant with the Collaborative for Hig listed in the CHPS High Performance Pr 5.504.4.1 Carpet cushion. All carp requirements of the Carpet and Rug I 5.504.4.5. Documentation. Verifica requested by the enforcing agency. D 1. Product certifications and s 2. Chain of custody certificatio 3. Product labeled and invoice CCR, Title 17, Section 931 4. Exterior grade products ma Engineered Wood Associat standards. |
| SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD COATINGS WOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS THE TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE ARCHITECTURAL COATINGS SUGGESTED CONTROL M FROM THE AIR RESOURCES BOARD. 5.504.4.3.2 Verification. Verification of com the enforcing agency. Documentation may i 1. Manufacturer's product specificati 2. Field verification of on-site product 5.504.4.4 Carpet Systems. All carpet installed in t product requirements: 1. Carpet and Rug Institute's Green Label I 2. Compliant with the VOC-emission limits Department of Public Health Standard M Chemical Emissions from Indoor Source 2010 (also known as CDPH Standard M Chemical Emissions Systems Sustair 5. Compliant with the Collaborative for Hig listed in the CHPS High Performance Pr 5.504.4.1 Carpet cushion. All carp requirements of the Carpet and Rug I 5.504.4.5. Documentation. Verifica requested by the enforcing agency. D 1. Product certifications and s 2. Chain of custody certificatio 3. Product labeled and invoice CCR, Title 17, Section 931 4. Exterior grade products ma Engineered Wood Associat standards. |

| | Y N/A RESPON. PARTY | | Y N/A RESPON. PARTY | |
|--|------------------------|--|------------------------|---|
| IMITS FOR ARCHITECTURAL | | TABLE 5.504.4.5 - FORMALDEHYDE LIMITS1 | | 5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed t accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outsid diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in |
| R & LESS EXEMPT COMPOUNDS | | MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION | | refrigerant systems except as noted below. |
| CURRENT VOC LIMIT | | PRODUCT CURRENT LIMIT HARDWOOD PLYWOOD VENEER CORE 0.05 | | 5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack. |
| 50 | | HARDWOOD PLYWOOD COMPOSITE CORE 0.05 | | 5.508.2.1.2 Copper plpe. Copper tubing with an OD less than 1/4 inch may be used in systems refrigerant charge of 5 pounds or less. |
| 100 | | PARTICLE BOARD 0.09 | | 5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid l |
| | | MEDIUM DENSITY FIBERBOARD 0.11 | | keep vibration levels below 8 mils. |
| 400 | | THIN MEDIUM DENSITY FIBERBOARD2 0.13 1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, | | 5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pres controls, valve pilot lines and oil. |
| 400 | | AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH | | Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manu |
| 50 350 | | 93120.12. 2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM). | | recommendations. |
| 350 | | 5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed | | 5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use long radius elbows. |
| 350 | | resilient flooring shall meet at least one of the following: | | 5.508.2.2 Valves. Valves Valves and fittings shall comply with the <i>California Mechanical Code</i> and as |
| 100 | | Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program; Compliant with the VOC-emission limits and testing requirements specified in the California | | follows. |
| 50 | | Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010; | | 5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc be installed between the outlet of the vessel and the inlet of the pressure relief valve. |
| 150 350 | | Compliant with the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria and listed in the CHPS High Performance Product Database; or | | 5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device |
| 350 | | Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program). | | be installed in the space between the rupture disc and the relief valve inlet to indicate a dis rupture or discharge of the relief valve. |
| 100 | | 5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring | | 5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use. |
| 250 | | materials meet the pollutant emission limits. 5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air | | 5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve |
| 500 420 | | filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of | | shall be brass or steel and not plastic. |
| 250 | | the same value shall be included in the operation and maintenance manual. | | 5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place. |
| 120 | | Exceptions: Existing mechanical equipment. | | 5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valu designed to have seal caps. |
| 450 | | 5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating. | | Exception: Valves with seal caps that are not removed from the valve during |
| 100 | | 5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, | | operation. |
| 500 250 | | prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, | | 5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vi salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to corrosion from these substances. |
| 420 | | county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post | | 5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coati |
| 100 | | signage to inform building occupants of the prohibitions. | | maximize energy efficiency. |
| 350 | | | | 5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall b with a device tha indicates the level of refrigerant in the receiver. |
| 250 50 | | SECTION 5.505 INDOOR MOISTURE CONTROL 5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, | | 5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation |
| 250 | | CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code. | | charging. |
| | | SECTION 5.506 INDOOR AIR QUALITY | | 5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum. |
| 730 | | 5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the <i>California Energy Code</i> , or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8. | | 5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the |
| 550 | | 5.506.2 CARBON DIOXIDE (CO₂) MONITORING. For buildings or additions equipped with demand control | | gauge. 5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with n |
| ATERS 100 | | ventilation, CO ₂ sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4). | | than a +/- one pound pressure change from 300 psig, measured with the same gauge. |
| 250 450 | | SECTION 5.507 ENVIRONMENTAL COMFORT | | 5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging. |
| 340 | | 5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission | | 5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns) hold for 30 minutes. |
| 100 | | Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2. | | 5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and h |
| 420 | | Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior | | minutes. |
| 250 | | noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings. | | 5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for with a maximum drift of 100 microns over a 24-hour period. |
| 275 350 | | Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction. | | |
| 340 | | 5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to | | |
| G WATER & EXEMPT COMPOUNDS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN | | the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations: | | CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS |
| ESPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, MEASURE, FEB. 1, 2008, MORE INFORMATION IS AVAILABLE | | 1. Within the 65 CNEL noise contour of an airport. | | 702 QUALIFICATIONS |
| ILAGORE, FEB. 1, 2000. MORE INFORMATION IO AVAILABLE | | Exceptions: | | 702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the prope installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training of the properties of the |
| pliance with this section shall be provided at the request of | | 1. L ^{dn} or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan. | | certification program. Uncertified persons may perform HVAC installations when under the direct supervision responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC |
| include, but is not limited to, the following: on d containers | | Ldn or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element. | | Examples of acceptable HVAC training and certification programs include but are not limited to the following: |
| ct containers the building interior shall meet at least one of the testing and | | 2. Within the 65 CNEL or L ^{dn} noise contour of a freeway or expressway, railroad, industrial source or | | State certified apprenticeship programs. Public utility training programs. |
| | | fixed-guideway source as determined by the Noise Element of the General Plan. | | Training programs sponsored by trade, labor or statewide energy consulting or verification organiza Programs sponsored by manufacturing organizations. |
| Plus Program. and testing requirements specified in the California | | 5.507.4.1.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L _{eq} - 1-hr during any hour of operation shall have building, addition or alteration | | Other programs acceptable to the enforcing agency. 702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or th |
| Method for the Testing and Evaluation of Volatile Organic es Using Environmental Chambers, Version 1.1, February | | exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30). | | responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspecti other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate comp |
| Aethod V1.1 or Specification 01350). er; | | 5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered | | to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In add other certifications or qualifications acceptable to the enforcing agency, the following certifications or education |
| nable Choice; or h Performance Schools California (2014 CA-CHPS) Criteria roduct Database. | | envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation. | | considered by the enforcing agency when evaluating the qualifications of a special inspector: |
| | | 5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as | | Certification by a national or regional green building program or standard publisher. Certification by a statewide energy consulting or verification organization, such as HERS raters, building program or standard publisher. |
| et cushion installed in the building interior shall meet the Institute Green Label program. | | appropriate to the building, addition or alteration project to mitigate sound migration to the interior. | | performance contractors, and home energy auditors.3. Successful completion of a third party apprentice training program in the appropriate trade. |
| pet adhesive shall meet the requirements of Table 5.504.4.1. | | 5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record. | | Other programs acceptable to the enforcing agency. Notes: |
| d plywood, particleboard and medium density fiberboard exterior of the buildings shall meet the requirements for | | 5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40. | | 1. Special inspectors shall be independent entities with no financial interest in the materials or the |
| ntrol Measure (ATCM) for Composite Wood (17 CCR 93120 et ICM must meet the specified emission limits, as shown in | t | Note: Examples of assemblies and their various STC ratings may be found at the California Office of | | project they are inspecting for compliance with this code. 2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to r |
| | | Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf. | | homes in California according to the Home Energy Rating System (HERS). |
| ation of compliance with this section shall be provided as Documentation shall include at least one of the following: | | SECTION 5.508 OUTDOOR AIR QUALITY 5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression | | [BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate |
| specifications. | | equipment shall comply with Sections 5.508.1.1 and 5.508.1.2. | | compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforci agency for the particular type of inspection or task to be performed. In addition, the special inspector shall ha |
| ons. ed as meeting the Composite Wood Products regulation (see | | 5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs. | | certification from a recognized state, national or international association, as determined by the local agency. area of certification shall be closely related to the primary job function, as determined by the local agency. |
| 20, et seq.). arked as meeting the PS-1 or PS-2 standards of the tion, the Australian AS/NZS 2269 or European 636 3S | | 5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons. | | Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. |
| to the enforcing agency. | | 5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that | | |
| | | provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential | | 703 VERIFICATIONS 703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not li |
| | | (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities. | | construction documents, plans, specifications, builder or installer certification, inspection reports, or other met acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation |
| | | Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP | | special inspection is necessary to verify compliance, that method of compliance will be specified in the approp section or identified applicable checklist. |
| | | value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO ₂), and potentially other refrigerants. | | |
| | | | | |
| | | | | |
| 7 | ∎ 8 | 9 10 11 | 12 | 13 14 15 |

| | 13 | 14 | 15 | |
|----------------------------|---|---|--|---------|
| en | t) | RESPON. PARTY = RES A - E - O - C - | S IT APPLICABLE SPONSIBLE PARTY — ARCHITECT — ENGINEER — OWNER — CONTRACTOR — INSPECTOR | |
| cessik amete frigera | ble for leak protection and repa r (OD) less than 1/4 inch, flared int systems except as noted be | compliant with the California Mechanic airs. Piping runs using threaded pipe, o d tubing connections and short radius slow. eaded connections are permitted at th | copper tubing with an outside s elbows shall not be used in | e |
| 5. | | er tubing with an OD less than 1/4 inc | | ha |
| | 5.508.2.1.2.1 Anchorage. keep vibration levels belov | . One-fouth-inch OD tubing shall be s w 8 mils. | securely clamped to a rigid bas | se to |
| | 508.2.1.3 Flared tubing connormality of the second controls, valve pilot lines and oil. | ections. Double-flared tubing connec | ctions may be used for pressur | re |
| | | tubing connections may be used with for use with refrigerants and tightene | | turer's |

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps

shall be brass or steel and not plastic. **5.508.2.2.2 Seal caps.** If designed for it, the cap shall have a neoprene O-ring in place.

Exception: Valves with seal caps that are not removed from the valve during stem operation

508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and It shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent rrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted th a device tha indicates the level of refrigerant in the receiver.

508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and arging.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

PTER 7

ALLER & SPECIAL INSPECTOR QUALIFICATIONS UALIFICATIONS

INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper on of HVAC systems including ducts and equipment by a nationally or regionally recognized training or on program. Uncertified persons may perform HVAC installations when under the direct supervision and pility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems

Public utility training programs. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. Programs sponsored by manufacturing organizations. Other programs acceptable to the enforcing agency.

SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the ble entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or ies necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence tisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to tifications or qualifications acceptable to the enforcing agency, the following certifications or education may be ed by the enforcing agency when evaluating the qualifications of a special inspector:

Certification by a national or regional green building program or standard publisher. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors. Successful completion of a third party apprentice training program in the appropriate trade. Other programs acceptable to the enforcing agency.

3] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent ploy one or more special inspectors to provide inspection or other duties necessary to substantiate ce with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing or the particular type of inspection or task to be performed. In addition, the special inspector shall have a on from a recognized state, national or international association, as determined by the local agency. The ertification shall be closely related to the primary job function, as determined by the local agency.

/ERIFICATIONS

DCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, tion documents, plans, specifications, builder or installer certification, inspection reports, or other methods le to the enforcing agency which demonstrate substantial conformance. When specific documentation or nspection is necessary to verify compliance, that method of compliance will be specified in the appropriate r identified applicable checklist.



ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-23 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721

Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project: Fresno County Environmental Compliance Center Phase 2: Office / Storage Building

Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72

Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: CAL GREEN COMPLIANCE SHEET 3

Fresno County Department of Public Works and Planning Capital Projects



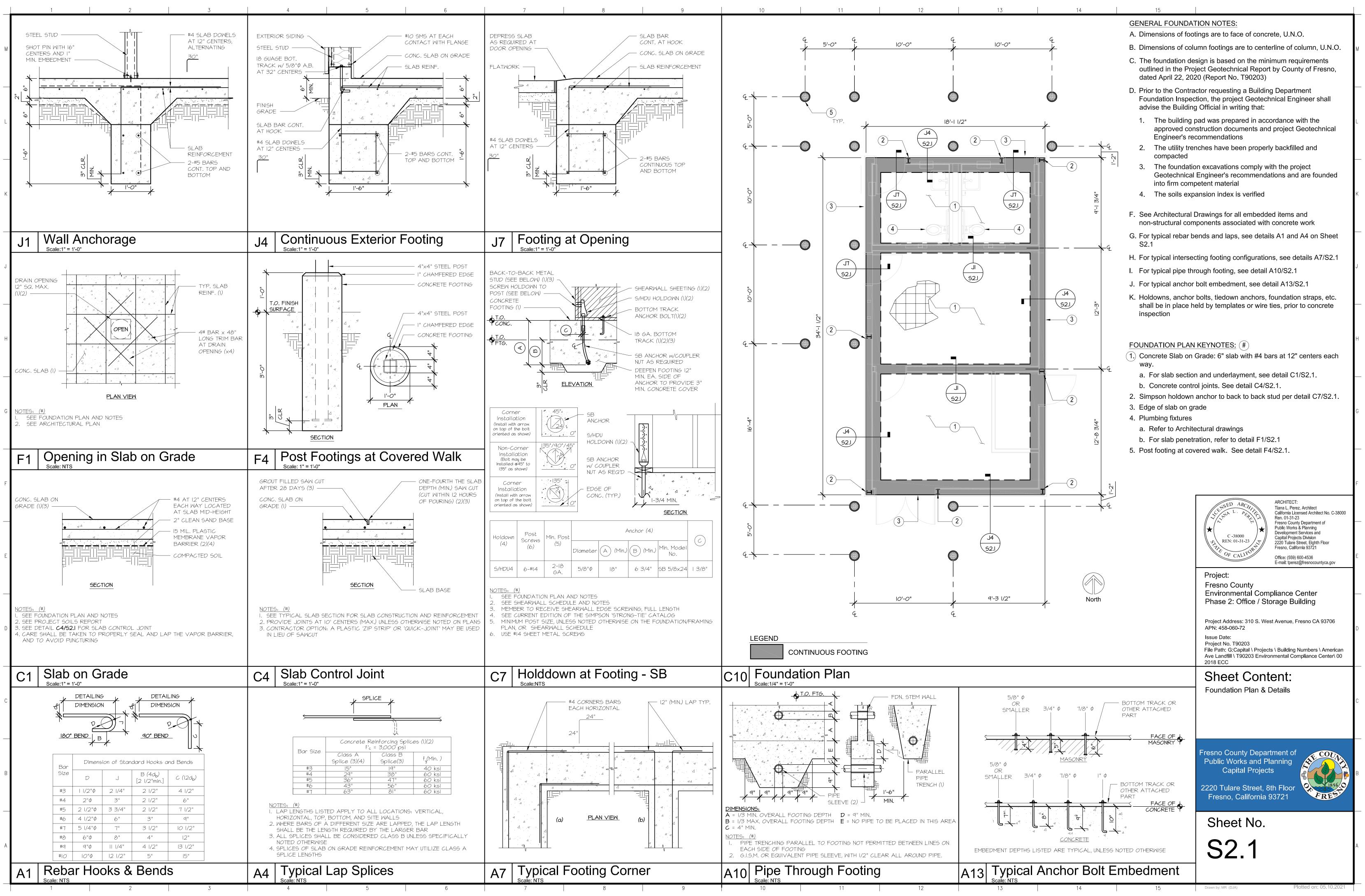
Plotted on: 05.10.202

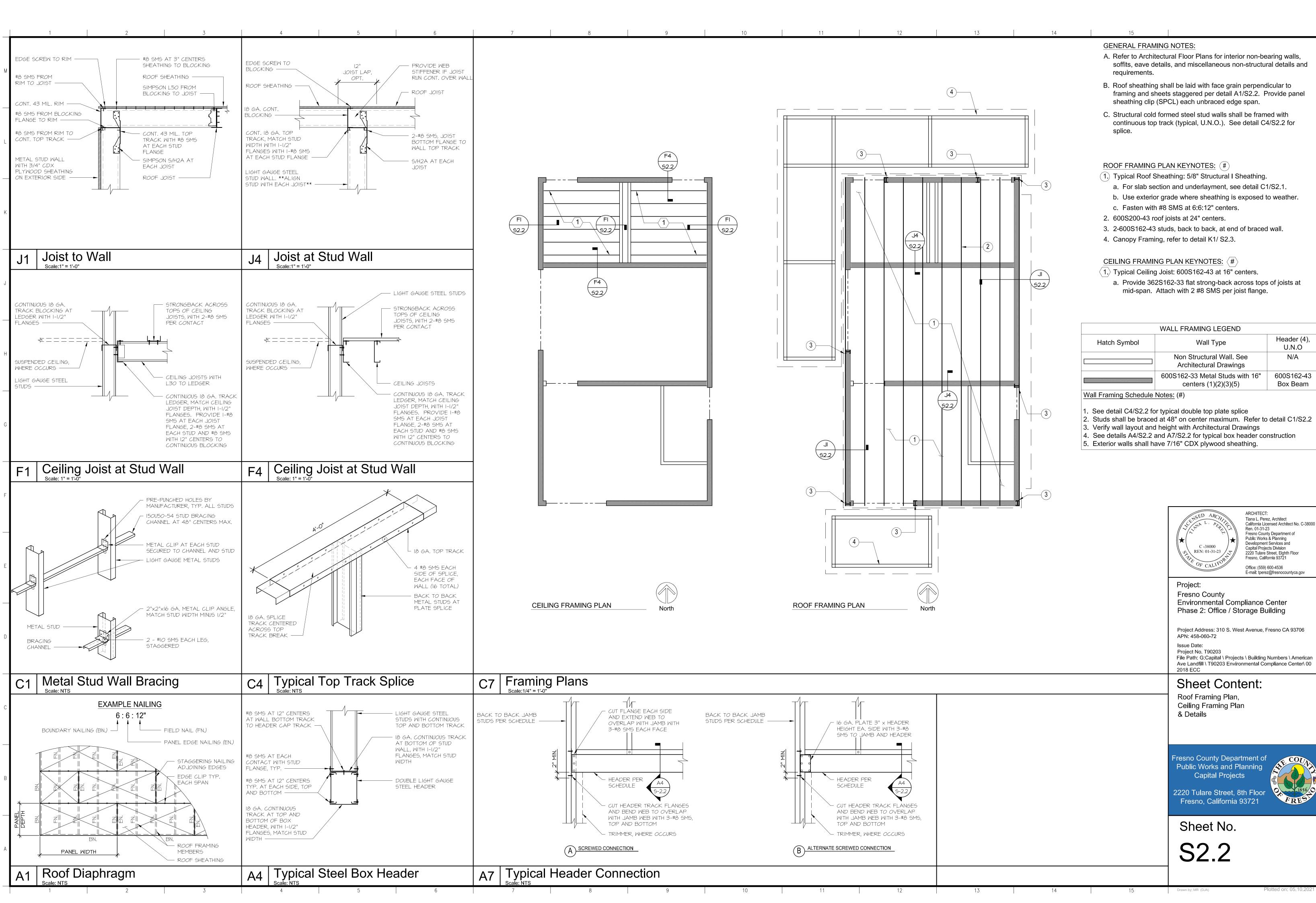
2220 Tulare Street, 8th Floor Fresno, California 93721

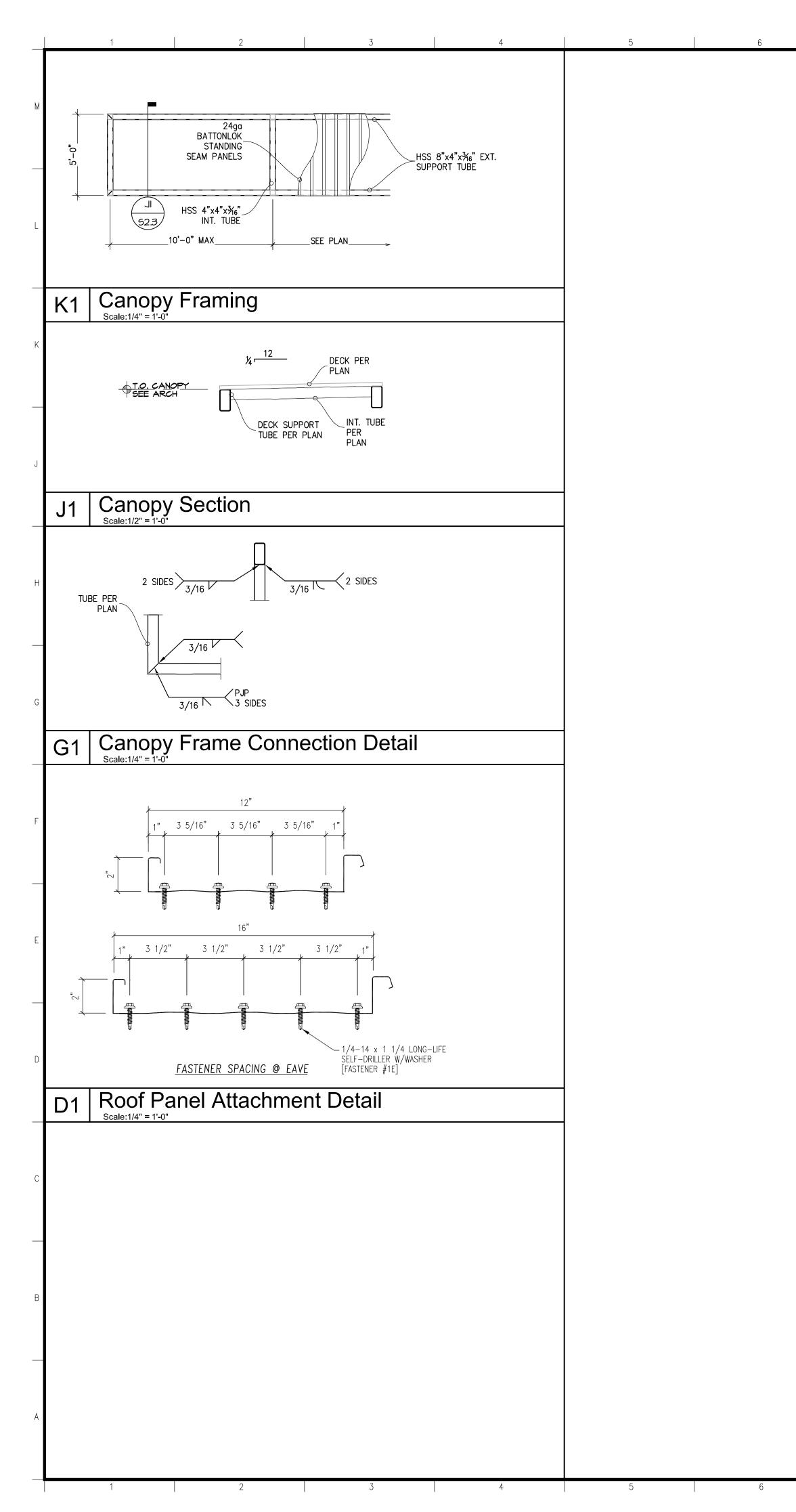
Sheet No.

A5.3

Drawn by: MR (DJA)







7 8 9 10 11 12

7

8

9

10

11

12



ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-23 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721

Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project: Fresno County Environmental Compliance Center Phase 2: Office / Storage Building

Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72

Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: Canopy Details

Fresno County Department of Public Works and Planning Capital Projects



Plotted on: 05.10.2021

2220 Tulare Street, 8th Floor Fresno, California 93721

Sheet No.

S2.3

13 14 15 Drawn by: MR (DJA)

| | | | NERAL PLUMBING NOTES: | | |
|----|-------------------------------|-----|---|---|--------------|
| | | 1. | THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE BUILDING IN ACCORDANCE WITH THE 2019 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WOULD NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUESTED WORK SHALL BE SUBMITTED TO AND APPROVED BY ARCHITECT BEFORE PROCEEDING WITH THE WORK. | | |
| | | 2. | THE APPLICABLE CODES AND REGULATIONS FOR THIS PROJECT INCLUDE, BUT ARE | | |
| | | | NOT LIMITED TO, THE FOLLOWING: CALIFORNIA CODE OF REGULATIONS TITLE 8, INDUSTRIAL RELATIONS TITLE 19, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS TITLE 24, PART 1, ADMINISTRATIVE REGULATIONS 2019 CALIFORNIA BUILDING CODE, PART 2, TITLE 24 CCR 2019 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24 CCR 2019 CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 CCR 2019 CALIFORNIA MECHANICAL CODE, PART 5, TITLE 24 CCR 2019 CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 CCR 2019 CALIFORNIA FIRE CODE, PART 5, TITLE 24 CCR | | |
| | | | NFPA 101 2016 EDITION OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT | | |
| | | З. | LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE PLUMBING BUILDING PLANS HAVE BEEN PREPARED TO MATCH THE ARCHITECTURAL PLANS. IF DIFFERENCES OCCUR, THE ARCHITECTURAL PLANS ARE TO TAKE PRECEDENCE. THE ACTUAL LOCATIONS OF ALL MATERIALS, PIPING, DUCTWORK, FIXTURES, EQUIPMENT, SUPPORTS, ETC. SHALL BE CAREFULLY PLANNED, PRIOR TO INSTALLATION OF ANY WORK, TO AVOID ALL INTERFERENCE WITH EACH OTHER, OR WITH STRUCTURAL, ELECTRICAL, ARCHITECTURAL, OR OTHER ELEMENTS. ALL PIPE OFFSET ELBOWS FOR COORDINATION BETWEEN TRADES ARE NOT SHOWN. CONTRACTOR SHALL INCLUDE SUFFICIENT FUNDS FOR THE COORDINATION OFFSETS IN THE BID. VERIFY THE PROPER VOLTAGE AND PHASE OF ALL EQUIPMENT WITH THE ELECTRICAL PLANS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT. | 2"CW RISE UP IN OFFSET INSIDE C FIXTURES. ——— | CHA |
| | | 4. | PENETRATIONS OF PIPES, CONDUITS, ETC. IN WALLS OR FLOORS REQUIRING PROTECTED OPENINGS SHALL BE FIRE-STOPPED INCLUDING EXISTING PIPE AND CONDUIT THROUGH NEW WALLS AND FLOORS. SEE SPECS. FIRE STOP MATERIAL SHALL BE A TESTED ASSEMBLY. PENETRATIONS THROUGH FIRE-RATED FLOORS AND WALLS SHALL BE PROTECTED IN ACCORDANCE WITH CBC SECTION 714 AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS. MANUFACTURERS INSTALLATION INSTRUCTIONS SHALL BE PROVIDED FOR REVIEW BY INSPECTION AUTHORITIES. SUBSTITUTIONS OF OR REVISIONS OR ADDITIONS TO APPROVED SYSTEMS SHALL BE SUBMITTED TO THE INSPECTOR OF RECORD AND THE | INSTANTANEOUS INSTALLED BELC MAINTAIN ADA C REFER TO DETA | OW L CLEA |
| | | 5. | OSHPD FIRE MARSHAL FOR FIELD REVIEW AND APPROVAL. ALL PIPING AND CONDUIT SHALL BE SUPPORTED PER MASON WEST, INC. "SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED DISTRIBUTION SYSTEMS", 1ST EDITION, 2019; OSHPD PRE-APPROVED ANCHORAGE OPM-0043-13, OR OTHER OSHPD PRE-APPROVED SYSTEM. | 3/4" CONDENSAT | |
| | | 6. | WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER-DRIVEN PINS IN EXISTING NON-PRESTRESSED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRE-STRESSED CONCRETE (PRE- OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN. | TO LAVATORY TA | |
| | | 7. | FIELD VERIFY THE EXACT LOCATION, DEPTH AND SIZE OF ALL NEW POINTS OF CONNECTION TO EXISTING UTILITIES PRIOR TO COMMENCING NEW UTILITY WORK. | | |
| | | 8. | INSTALLATION OF NEW UTILITIES FROM EXISTING MAINS IN THE STREET SHALL BE DONE IN STRICT ACCORDANCE WITH GOVERNING AUTHORITY REQUIREMENTS. | | |
| | | 9. | INSTALLATION, TYPE AND MANUFACTURERS MODELS OF DOMESTIC WATER METERS, BACKFLOW PREVENTERS, FIRE HYDRANTS, DETECTOR CHECK VALVES, MANHOLES, DRAIN INLETS/OUTLETS AND OTHER APPURTENANCE OF SITE UTILITY SYSTEMS SHALL BE DONE IN STRICT ACCORDANCE WITH GOVERNING AUTHORITY REQUIREMENTS. | TANK LEVEL MOI DISPLAY, <u>TL-1</u> . — | |
| | | 10. | BACKFLOW PREVENTER SHALL BE INSTALLED AT THE MINIMUM HEIGHT ABOVE FINISH GRADE AS ALLOWED BY GOVERNING AUTHORITY. | | |
| | | 11. | CONTRACTOR SHALL EXCAVATE AND BACKFILL THE GAS SERVICE TRENCH FOR THE LOCAL GAS UTILITY. THE LOCAL GAS UTILITY SHALL INSTALL THEIR GAS SERVICE LINE TO THE GAS METER. TRENCHING SHALL BE IN ACCORDANCE WITH UTILITY STANDARDS. ALL CHARGES AND FEES INCURRED BY THE UTILITY FOR NEW GAS SERVICE SHALL BE PAID BY THE CONTRACTOR. | SIGNAL CABLE F | NK. |
| | | 12. | ALL DOMESTIC WATER PIPING SHALL BE A MINIMUM OF 1/2" SIZE UNLESS NOTED OTHERWISE. USE A REDUCING DROP ELL AT FIXTURE CONNECTION WHEN APPLICABLE. | SHEET P-1.0 OF S PLANS. CONDUIT GRADE BY ELEC ELECTRICAL DRA | T FO TRIC |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| A1 | Office/S Scale: 1/4"=1'-0" | Sto | brage Building Plumbing Plan | | |

1

2

3

2

3

4

5

5

6

7

8

9

4

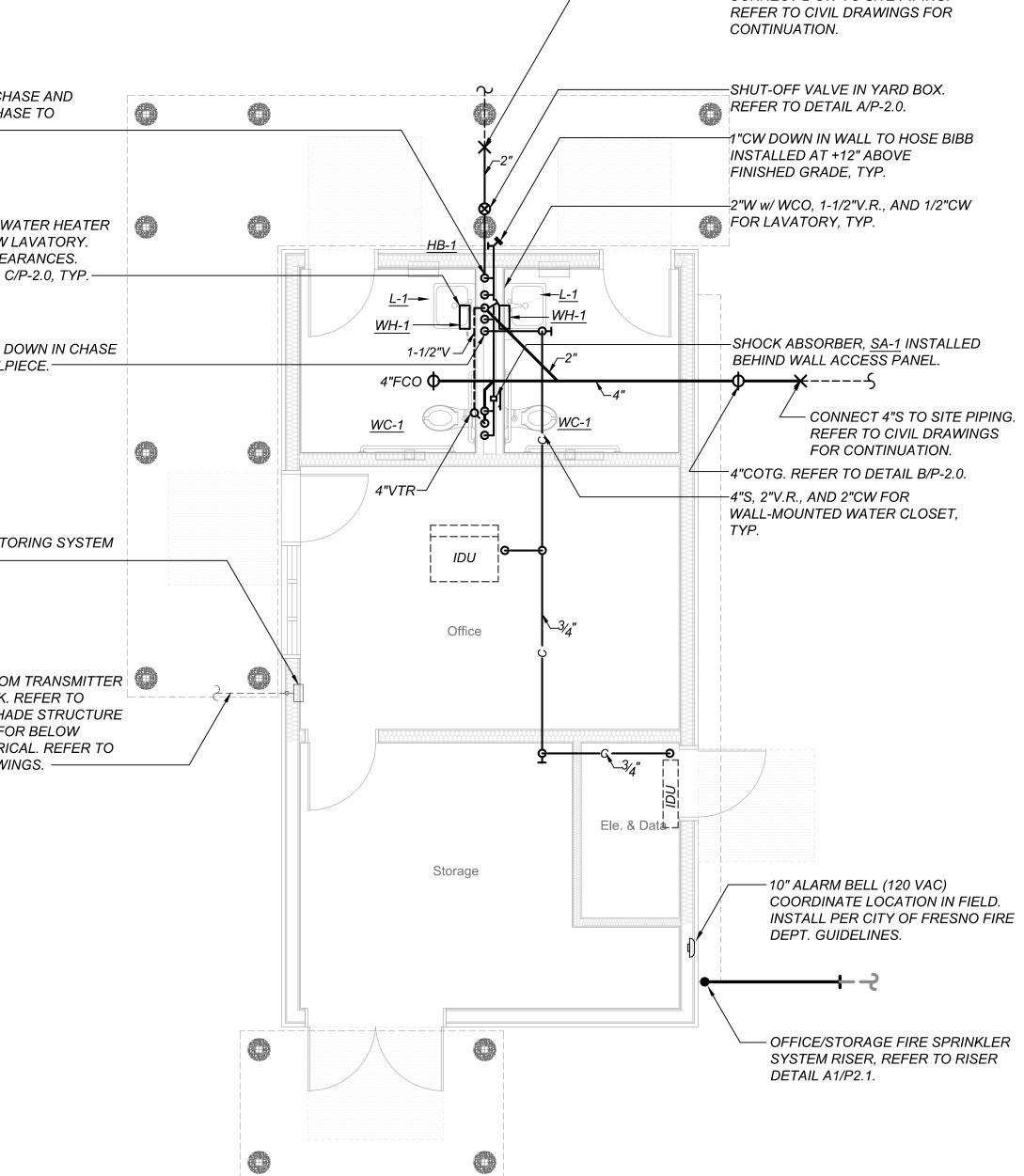
6

7

8

9

10



-CONNECT 2"CW TO SITE PIPING.

11

12

11

10

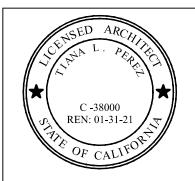
| 13 | 14 | 15 |
|----|----|----|
| | | |

| PLUMBING LEGEND | | | | | | |
|---|---------------------------|---------|--|--|--|--|
| SYMBOL | ITEM | ABBR. | | | | |
| | SOIL or WASTE | S or W | | | | |
| | VENT | V | | | | |
| | VENT RISER | VR | | | | |
| | VENT THRU ROOF | VTR | | | | |
| | DOMESTIC COLD WATER | CW | | | | |
| | DOMESTIC HOT WATER | HW | | | | |
| | DOMESTIC HOT WATER RETURN | HWR | | | | |
| —_G —_ | LOW PRESSURE NATURAL GAS | G | | | | |
| — CD — | CONDENSATE DRAIN | CD | | | | |
| | EXISTING PIPING | | | | | |
| <u>—Ф</u> — | FLOOR CLEANOUT | FCO | | | | |
| <u>—ф—</u> | CLEANOUT TO GRADE | COTG | | | | |
| | WALL CLEANOUT | WCO | | | | |
| ——————————————————————————————————————— | PIPING TURN UP | | | | | |
| ——————————— | PIPING TURN DOWN | | | | | |
| —X— | POINT OF CONNECTION | POC | | | | |
| (N) | NEW | | | | | |
| (E) | EXISTING | | | | | |
| | ABOVE CEILING | ABV CLG | | | | |
| | BELOW FLOOR | BEL FLR | | | | |
| | BELOW GRADE | BEL GR | | | | |
| | TYPICAL | TYP | | | | |
| | CONTINUATION | CONT | | | | |
| —————————————————————————————————————— | SHUT-OFF VALVE IN BOX | SOV | | | | |
| | SHUT-OFF VALVE | SOV | | | | |
| | CHECK VALVE | | | | | |
| $\neg \lor \vdash$ | PLUG VALVE | | | | | |
| —F | FIRE PROTECTION LINE | | | | | |
| -RWL- | RAIN WATER LEADER | RWL | | | | |
| OD | OVERFLOW DRAIN | OD | | | | |
| — SD — | STORM DRAIN | SD | | | | |
| | TEPID WATER | TW | | | | |
| +++++++++ | DEMOLITION | DEMO | | | | |









ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-21 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721 Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project:

Fresno County Environmental Compliance Center Phase 2 - Office/Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72 Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00

Sheet Content:

2018 ECC

OFFICE / STORAGE BUILDING PLUMBING PLAN

Fresno County Department of Public Works and Planning Capital Projects



2220 Tulare Street, 8th Floor Fresno, California 93721

Sheet No.

Drawn by: XX





Plotted on: XX.XX.20XX



North

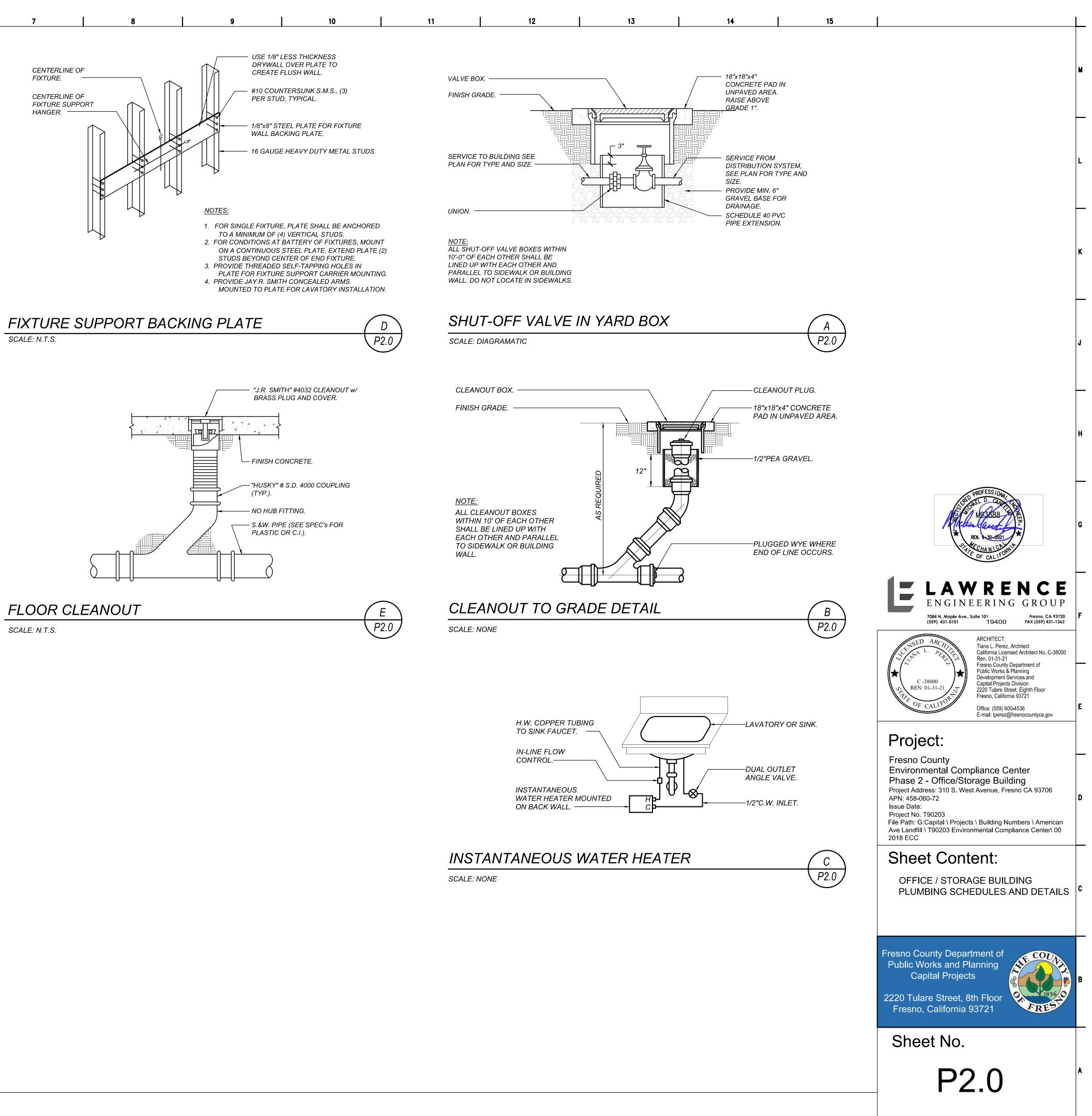
14

15

| | | PLU | ENT SCHEDULE | | | |
|-------------|------------------------------------|--------------|--------------|-----------|----------|--|
| MARK | FIXTURE | | | ION SIZES | | DESCRIPTION |
| <u>WC-1</u> | WATER CLOSET | S or W 4" | V 2" | CW 1" | <u>+</u> | KOHLER ELONGATED WALL HUNG "KINGSTON" #K-4325, (OR AMERICAN STANDARD OR ZURN EQUAL) 1.28 GPF, ZURN "AQUASENSE" #ZEMS6000AV-HET-I SENSOR OPERATED, HARDWIRED 120V/1 ELECTRIC POWERED FLUSH VALVE WITH #P6000-HW6 HARD-WIRE POWER CONVERTER (UP TO 8 VALVES) & CONNECTING WIRE AS REQUIRED, OLSONITE #95CC/SS EXTRA HEAVY DUTY OPEN-FRONT SEAT AND JAY R. SMITH #4 SUPPORT CARRIER. |
| <u>L-1</u> | LAVATORY | 2" | 1-1/2" | 1/2" | 1/2" | KOHLER WALL-HUNG "KINGSTON" #K-200 (OR AMERICAN STANDARD OR ZURN EQUAL) CBC ACCESS COMPLIANT, 21-1/4"X18", VIT. CHINA WITH ONE FAUCE HOLE AT CENTER, MCGUIRE #155A GRID DRAIN, CHICAGO "HYTRONIC" "ECAST" #116.121.AB.1 WITH 0.5 GPM NON-AERATING LAMINAR SPRAY OUTLET (OR T&S BRASS OR ZURN EQUAL) SENSC OPERATED, 120V/1Ø ELECTRIC POWEREL FAUCET WITH EXTERNAL TEMP. MIXER LEVER AND 12 VOLT A.C. TRANSFORMER JAY R. SMITH #723 CONCEALED ARMS, AND A STEEL SUPPORT PLATE FOR MOUNTING FIXTURE PER DETAIL D/P-3. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. INSTALL AN ASSE 10 COMPLIANT THERMOSTATIC MIXING VALVE BELOW LAVATORY, LEONARD #170-LF-CP-BP-BRKT (OR EQUAL). SET OUTLET TEMPERATURE TO 110°F. |
| <u>WH-1</u> | INSTANTANEOUS WATER HEATER | - | _ | 1/4" | 1/4" | CHRONOMITE #M-30L-120 WALL MOUNTE INSTANTANEOUS TYPE WITH MICRO-PROCESSOR SET FOR 110° F. FIXED OUTLET TEMPERATURE & 1/2 GPM FLOW RATE. ELECTRICAL REQURED: 3,60 WATTS, 120V/1Ø. |
| <u>SA-1</u> | SHOCK ABSORBER | - | - | 1" | - | JAY R. SMITH #5010, (OR ZURN EQUAL) STAINLESS STEEL CONSTRUCTION, P.D.I SYMBOL "B" FOR UP TO 32 FIXTURE UNIT INSTALL IN UPWARD POSITION. |
| <u>HB-1</u> | HOSE BIBB | - | _ | 3/4" | - | WOODFORD #B75 (OR MIFAB EQUAL) RECESSED WALL HOSE B0X WITH LOCKING DOOR, VACUUM BREAKER, LOOSE TEE KEY HANDLE, SCREWDRIVEF STOP. SELF DRAINING CAST STAINLESS STEEL FOR NON-FREEZE AREAS. |
| <u>TL-1</u> | TANK LEVEL MONITORING SYSTEM | - | - | - | - | OMEGA #LVU503 ULTRASONIC LEVEL TRANSMITTER, 9.8' MEASUREMENT RANGE, 2" NPT SENSOR MOUNTING THREADS, SUPPLY VOLTAGE 14-28 VDC. OMEGA #DP25B-S-R DIGITAL PROGRAMMABLE PROCESS METER WITH LED DISPLAY, SUPPLY VOLTAGE 115V. PROVIDE PANEL AS REQUIRED. |

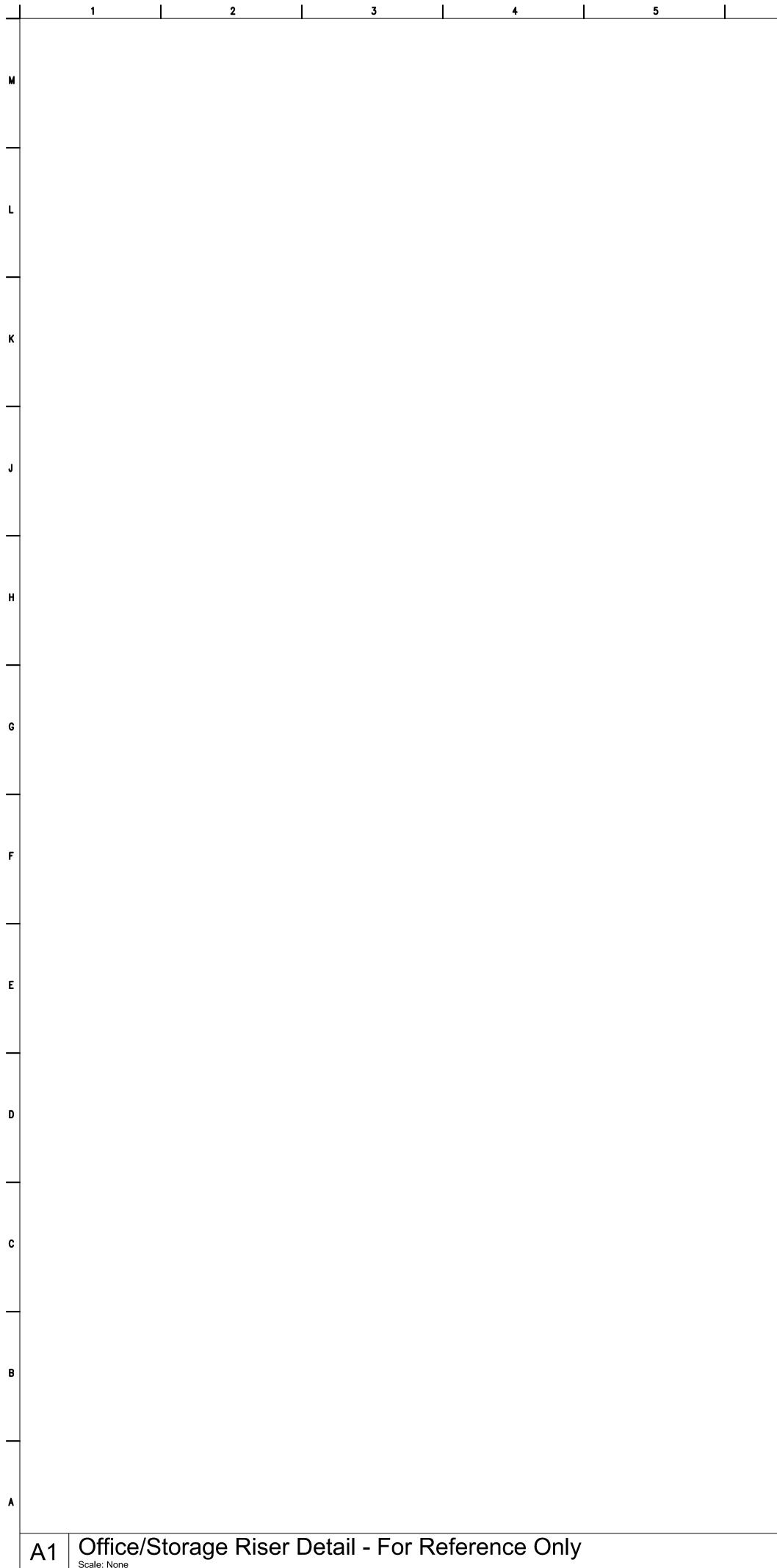
SCHEDULES AND DETAILS Scale: NONE

A1

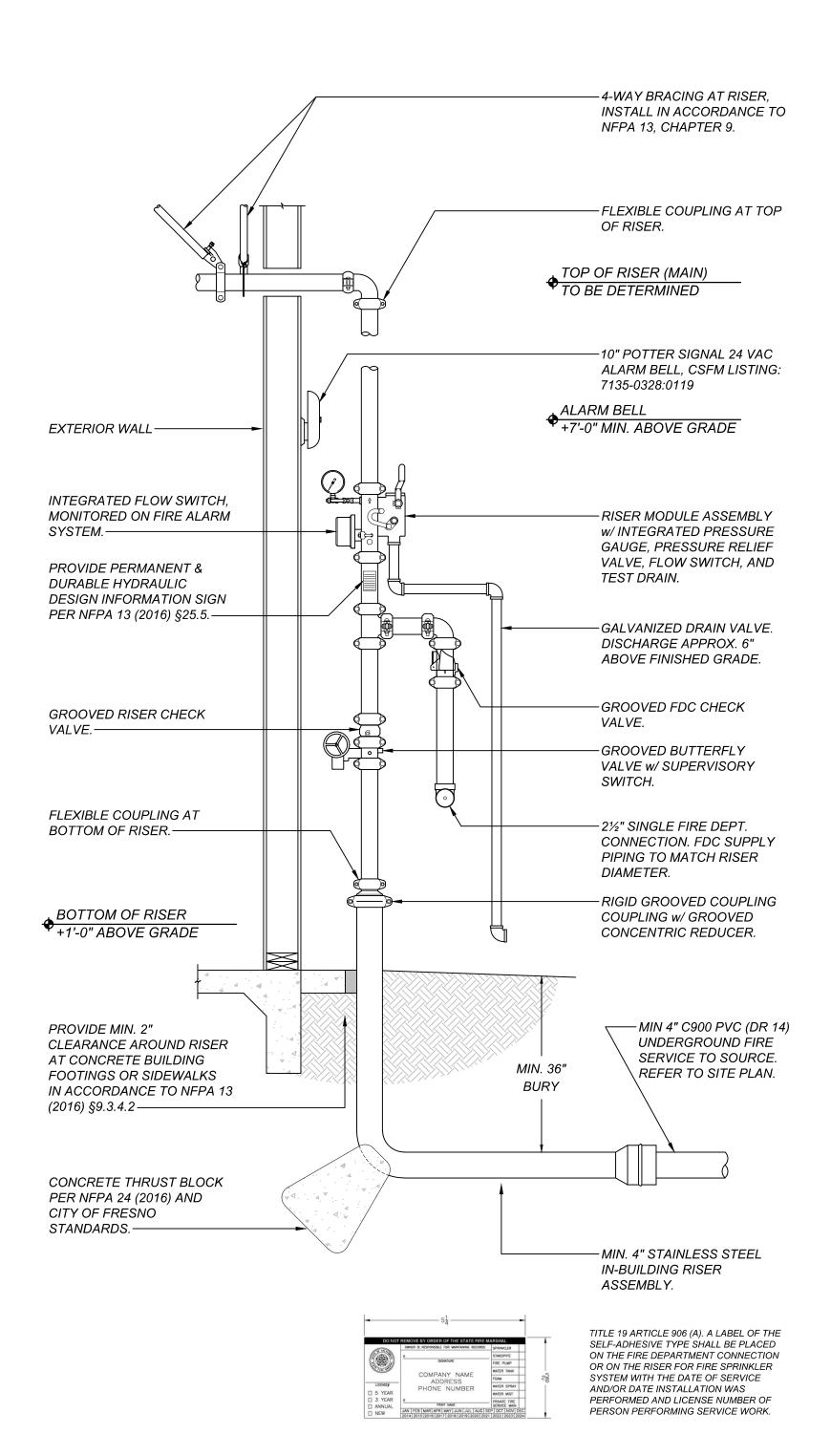


Plotted on: XX.XX.20XX

Drawn by: XX



Scale: None 5 2 3 4



9

10

11

12

RISER NOTES:

6

7

6

8

- 1. EACH RISER DETAIL IS A SCHEMATIC REPRESENTATION OF THE RISER(S). ORIENTATION OF FITTINGS, VALVES, GAUGES, AND OTHER DEVICES HAVE BEEN MODIFIED FOR ILLUSTRATION PURPOSES AND MAY VARY IN ACTUAL INSTALLATION.
- 2. PER NFPA 13 (2016) §9.3.2.3.1 A FLEXIBLE COUPLING SHALL BE INSTALLED WITHIN 24" OF THE TOP AND BOTTOM OF ALL RISERS. RISERS LESS THAN 3 FT IN LENGTH MAY OMIT FLEX COUPLINGS. ONE FLEX COUPLING IS ADEQUATE FOR RISERS 3' TO 7' IN LENGTH.
- 3. PER NFPA 13 (2016) §9.3.5.8.3 WHEN A FOUR-WAY BRACE AT THE TOP OF A RISER IS ATTACHED ON THE HORIZONTAL PIPING, IT SHALL BE WITHIN 24" OF THE CENTERLINE OF THE RISER AND THE LOADS FOR THAT BRACE SHALL INCLUDE BOTH THE VERTICAL AND HORIZONTAL PIPE.
- 4. PER NFPA 13 (2016) §25.5. THE INSTALLING CONTRACTOR SHALL IDENTIFY A HYDRAULICALLY DESIGNED SPRINKLER SYSTEM WITH A PERMANENTLY MARKED WEATHERPROOF METAL OR RIGID PLASTIC SIGN SECURED WITH CORROSION RESISTANT WIRE, CHAIN, OR OTHER APPROVED MEANS.
- 5. PER NFPA 13 (2016) §25.6.1 THE INSTALLING CONTRACTOR SHALL PROVIDE A GENERAL INFORMATION SIGN USED TO DETERMINE SYSTEM DESIGN BASIS AND INFORMATION RELEVANT TO THE INSPECTION, TESTING, AND MAINTENANCE REQUIREMENTS REQUIRED BY NFPA 25.
- 6. LOCATION OF 1¼" SYSTEM DRAIN TO BE COORDINATED WITH GENERAL CONTRACTOR. DRAIN PIPE AND FITTINGS SHALL BE GALV.
- 7. FIRE RISER ROOM SHALL COMPLY WITH CBC (2016) 901.3 PER CFC (2016) SECTION 509.1 FIRE EQUIPMENT ROOMS SHALL BE IDENTIFIED IN AN APPROVED MANNER. APPROVED SIGNS SHALL BE DURABLE, PERMANENT, AND VISIBLE.

13

14

15





ARCHITECT:







L

Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-21 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721 Office: (559) 600-4536

E-mail: tperez@fresnocountyca.gov

Project: Fresno County Environmental Compliance Center Phase 2 - Office/Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72 Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00

Sheet Content:

2018 ECC

OFFICE / STORAGE BUILDING **RISER DETAIL**

FOR REFERENCE ONLY



Fresno, California 93721

Sheet No.

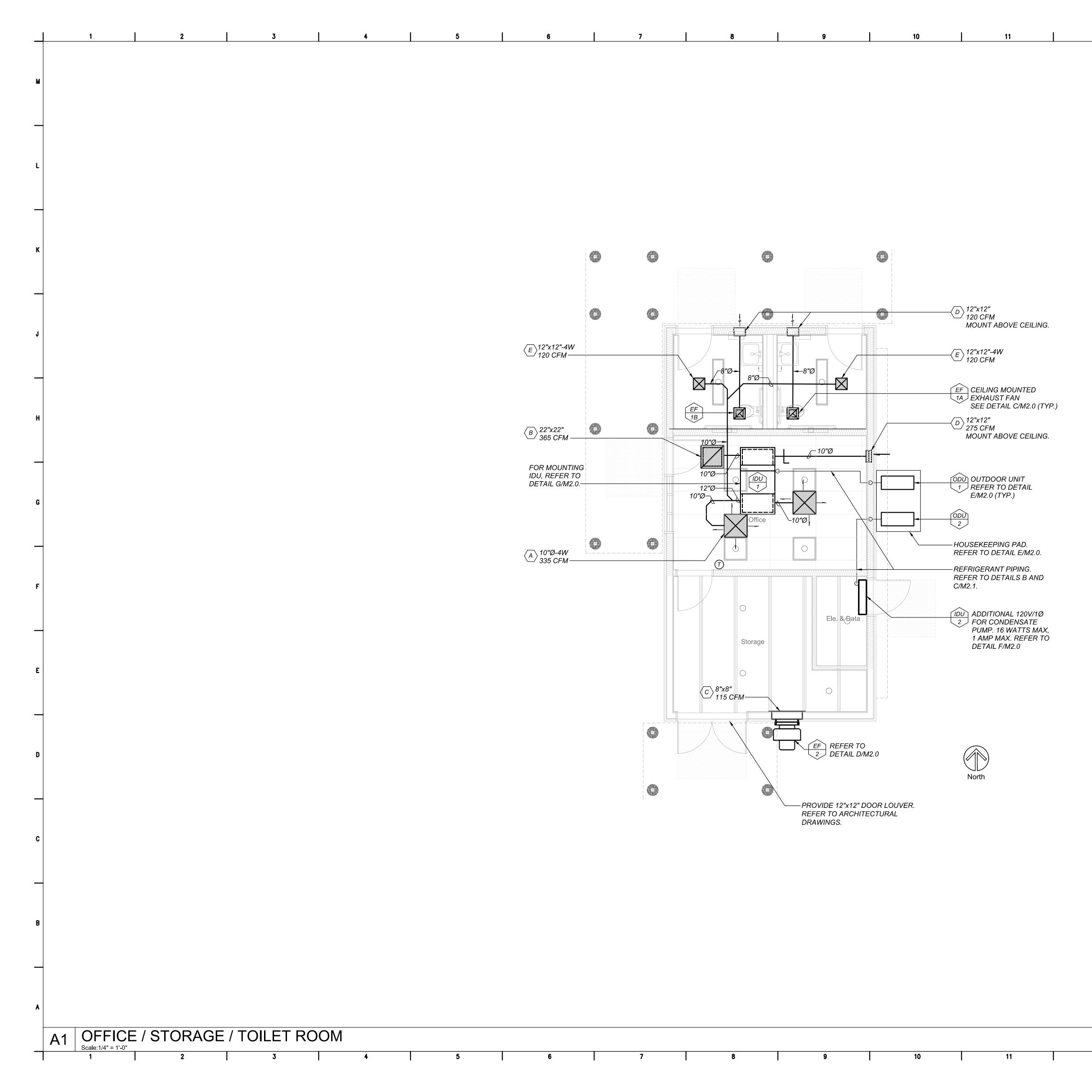
Drawn by: XX







Plotted on: XX.XX.20XX



15

GENERAL PROJECT NOTE:

I. COORDINATION OF WORK: LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE ACTUAL LOCATION OF ALL MATERIALS, PIPING, DUCTWORK, FIXTURES, EQUIPMENT, SUPPORTS, ETC. SHALL BE CAREFULLY PLANNED, PRIOR TO INSTALLATION OF ANY WORK TO AVOID ALL INTERFERENCES WITH EACH OTHER, OR WITH STRUCTURAL, ELECTRICAL, ARCHITECTURAL OR OTHER ELEMENTS. VERIFY THE PROPER VOLTAGE AND PHASE OF ALL EQUIPMENT WITH THE ELECTRICAL PLANS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.

14

2. AS REQUIRED BY SECTION 7-125(B)92), PART 1, TITLE 24.

THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE BUILDING IN ACCORDANCE WITH TITLES 19 AND 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLES 19 AND 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY ARCHITECT BEFORE PROCEEDING WITH THE WORK.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT APPLICABLE CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

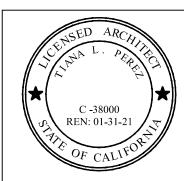
CBC CALIFORNIA BUILDING CODE CPC CALIFORNIA PLUMBING CODE CMC CALIFORNIA MECHANICAL CODE CEC CALIFORNIA ELECTRICAL CODE CFC CALIFORNIA FIRE CODE C.C.R. TITLE 19, CHAPTER 1 (CSFM) C.C.R. TITLE 24, PART 1, ADMIN. RÉGULATION, PART 2, CALIFORNIA BUILDING CODE, AND DSA/SSS UBCS UNIFORM BUILDING CODE STANDARDS





LAWRENCE ENGINEERING GROUP

ARCHITECT:



Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-21 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721

Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov

Project:

Fresno County Environmental Compliance Center Phase 2 - Office/Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72 Issue Date:

Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: OFFICE / STORAGE / TOILET ROOM BUILDING MECHANICAL PLAN

Fresno County Department of Public Works and Planning Capital Projects



2220 Tulare Street, 8th Floor 🛛 🐼 Fresno, California 93721

Sheet No. M1.0

14

13

Drawn by: XX

| | CONDITIONING LEGEND | |
|----------------------|---|-----------------|
| SYMBOL | ITEM | ABBR |
| \vdash | ROUND DUCT | Ø |
| | FLAT OVAL DUCT | ф |
| | SHEET METAL DUCT | I |
| | ACOUSTIC LINING FOR | |
| | DUCT OR GRILLES | (L) |
| | DUCT W/EXT INSULATION & GALV. SM SUNSHIELD | - |
| | SUPPLY AIR DUCT DROP | _ |
| | RETURN AIR DUCT DROP | _ |
| | EXHAUST DUCT AIR DROP | |
| | SUPPLY AIR DUCT RISE | |
| | | |
| | RETURN AIR DUCT RISE | |
| | EXHAUST AIR DUCT RISE | - |
| | TURNING VANES | TV |
| | EXTRACTOR | — |
| i | VOLUME CONTROL DAMPER W/LOCKING QUADRANT | VCD |
| | OPPOSED BLADE DAMPER | OBD |
| | BACKDRAFT DAMPER | BDD |
| | | 0 |
| | VOLUME CONTROL DAMPER W/ REMOTE REGULATOR | VCR |
| .↓ & ■ | FIRE/SMOKE DAMPER WITH ACCESS PANEL | F/SD |
| & A | FIRE DAMPER WITH ACCESS PANEL | FD |
| ****** & • | SMOKE DAMPER WITH ACCESS PANEL | SD |
| CFM | CUBIC FEET OF AIR PER MINUTE | CFM |
| | EMS MOTORIZED DUCT DAMPER/PIPE VALVE ACTUATOR | _ |
| \bigcirc | THERMOSTAT @ +4'-0" TOP OF BOX | T'STAT |
| Ø | HUMIDISTAT @ +4'-0" TOP OF BOX | H'STAT |
| © | CO ₂ SENSOR @ +4'-0" TOP OF BOX | со ₂ |
| T | EMS TEMPERATURE SENSOR @ +4'-0" TOP OF BOX | _ |
| Η | EMS HUMIDITY SENSOR @ +4'-0" TOP OF BOX | _ |
| С | EMS C@ SENSOR @ +4'-0" TOP OF BOX | со ₂ |
| SP | EMS STATIC PRESSURE SENSOR | SP |
| DP | EMS DIFFERENTIAL PRESSURE SENSOR | DP |
| CS | EMS CURRENT SENSOR | CS |
| | DIRECTION OF FLOW | _ |
| · · · | SUPPLY AIR | SA |
| | SUPPLY AIR RETURN AIR | SA RA |
| | | |
| ₽-1 | EXHAUST AIR | EA |
| | OUTSIDE AIR | OSA |
| <u> </u> | PIPE/DUCT TURN DOWN | _ |
| O | PIPE/DUCT TURN UP | |
| _ | POINT OF CONNECTION | POC |
| | EXISTING (DESIGNATED) | (E) |
| | NEW (DESIGNATED) | (N) |
| | DUCT SMOKE DETECTOR | (IV) SD |
| ISDI | DUUT SMUKE DETEUTUK | ט _ו |
| SD AA/ | | A A / A |
| SD A/V | AUDIBLE/VISUAL ALARM BYPASS TIMER | A/VA BPT |

1

1

| EXHAUST FAN SCHEDULE | | | | | | |
|----------------------|---------------------|-------------|--|--|--|--|
| DESIGNATION | EF 1A - EF 1B | EF 2 | | | | |
| CFM | 120 | 115 | | | | |
| ESP (IN WC) | 0.5 | 0.5 | | | | |
| HP/WATTS | -/39 | 1/15 / - | | | | |
| VOLTS/PHASE | 115/1 | 115/1 | | | | |
| RPM | 842 | 1711 | | | | |
| TIP SPEED/SONES | -/3.0 | 3.639 / 5.1 | | | | |
| DRIVE | DIRECT | DIRECT | | | | |
| MOUNTING | CEILING | WALL | | | | |
| MANUFACTURER | GREENHECK | GREENHECK | | | | |
| TYPE | CEILING | CENTRIFUGAL | | | | |
| MODEL NUMBER | SP-80-VG | CUE-070-VG | | | | |
| CONTROL | | | | | | |
| SERVICE | SEE PLANS | SEE PLANS | | | | |
| OPER. WT. (LBS) | 30 | 90 | | | | |
| ACCESSORIES | (1) | (2) | | | | |

4

6

3

(1) INTERLOCK WITH IDU-1, PROVIDE AN ADJUSTABLE TIME-DELAY RELAY, SET AT 15 MINS. (2) WALL BRACKET, ELECTRICAL DISCONNECT, BACKDRAFT DAMPER, BIRD SCREEN

| DESIGNATION DU 1 DU 2 CFM 910 380 ESP (IN WC) 0.64 - MIN OSA 275 - HP/MCA (1) (1/1.2 VOLTS/PHASE (1) 208/230 / 1 (1) 208/230 / 1 DRIVE DIRECT DIRECT DRIVE DIRECT DIRECT SENSIBLE (MBH) 21.89 9.77 TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ⁰ 80 / 67 . REFRIGERANT R410A R410A VOLTY (MBH) 37.15 13.86 CAPACITY (MBH) 37.15 13.86 CAPACITY (MBH) 37.15 13.86 TYPE MERV 13 WASHABLE PD (IN WC) 0.15 - MANUFACTURER CARRIER CARRIER TYPE CONCEALED HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA OPER WT (LBS) 140 | INDOOR UNIT SCHEDULE | | | | | | | |
|---|----------------------|-----------------------------|---------------|---------------|--|--|--|--|
| ESP (IN WC) 0.64 - MIN OSA 275 - HP/MCA ① ①/1.2 VOLTS/PHASE ① 208/230 / 1 ① 208/230 / 1 DRIVE DIRECT DIRECT SENSIBLE (MBH) 21.89 9.77 TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ⁰ 80 / 67 . REFRIGERANT R410A R410A CAPACITY (MBH) 37.15 13.86 - - - QUANTITY/SIZE 1 / 12"x24"4" - TYPE MERV 13 WASHABLE PD (IN WC) 0.15 - MANUFACTURER CARRIER CARRIER TYPE CONCEALED HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA OPER WT (LBS) 140 . | DE | SIGNATION | | | | | | |
| MIN OSA 275 - HP/MCA ① ①/1.2 VOLTS/PHASE ① 208/230 / 1 ① 208/230 / 1 DRIVE DIRECT DIRECT DIRECT DRIVE DIRECT DIRECT DIRECT SENSIBLE (MBH) 21.89 9.77 TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ⁰ 80 / 67 . REFRIGERANT R410A R410A OC CAPACITY (MBH) 37.15 13.86 OC . - - QUANTITY/SIZE 1 / 12"x24"4" - TYPE MERV 13 WASHABLE PD (IN WC) 0.15 - MANUFACTURER CARRIER CARRIER TYPE CONCEALED HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA OPER WT (LBS) 140 . | | CFM | 910 | 380 | | | | |
| HP/MCA ① ①/1.2 VOLTS/PHASE ① 208/230 / 1 ① 208/230 / 1 DRIVE DIRECT DIRECT DIRECT DRIVE DIRECT DIRECT DIRECT SENSIBLE (MBH) 21.89 9.77 TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ⁰ 80 / 67 . REFRIGERANT R410A R410A CAPACITY (MBH) 37.15 13.86 | | ESP (IN WC) | 0.64 | - | | | | |
| DRIVE DIRECT DIRECT SENSIBLE (MBH) 21.89 9.77 TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ^O 80 / 67 . REFRIGERANT R410A R410A OO CAPACITY (MBH) 37.15 13.86 OO . . . OO QUANTITY/SIZE 1 / 12"x24"4" . TYPE MERV 13 WASHABLE PD (IN WC) 0.15 . MANUFACTURER CARRIER CARRIER TYPE OOCO HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA | ~ | MIN OSA | 275 | - | | | | |
| DRIVE DIRECT DIRECT SENSIBLE (MBH) 21.89 9.77 TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ^O 80 / 67 . REFRIGERANT R410A R410A OO CAPACITY (MBH) 37.15 13.86 OO . . . OO QUANTITY/SIZE 1 / 12"x24"4" . TYPE MERV 13 WASHABLE PD (IN WC) 0.15 . MANUFACTURER CARRIER CARRIER TYPE OOCO HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA | NEF | HP/MCA | 1 | 1/1.2 | | | | |
| DRIVE DIRECT DIRECT SENSIBLE (MBH) 21.89 9.77 TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ^O 80 / 67 . REFRIGERANT R410A R410A CAPACITY (MBH) 37.15 13.86 | 107 | VOLTS/PHASE | 1 208/230 / 1 | 1 208/230 / 1 | | | | |
| TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ^O 80 / 67 . REFRIGERANT R410A R410A OVER THE CAPACITY (MBH) 37.15 13.86 OVER THE CAPACITY (MBH) - - OVER THE CAPACITY (MBH) - - OPER WT (LBS) 0.15 - | В | DRIVE | DIRECT | DIRECT | | | | |
| TOTAL (MBH) 26.19 11.49 EADB/EAWB (F) ^O 80 / 67 . REFRIGERANT R410A R410A OVER THE CAPACITY (MBH) 37.15 13.86 OVER THE CAPACITY (MBH) - - OVER THE CAPACITY (MBH) - - OPER WT (LBS) 0.15 - | | | | | | | | |
| CAPACITY (MBH) 37.15 13.86 - - - - - - QUANTITY/SIZE 1 / 12"x24"4" - TYPE MERV 13 WASHABLE PD (IN WC) 0.15 - MANUFACTURER CARRIER CARRIER TYPE ONCEALED HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA OPER WT (LBS) 140 . | | SENSIBLE (MBH) | 21.89 | 9.77 | | | | |
| CAPACITY (MBH) 37.15 13.86 - - - - - - QUANTITY/SIZE 1 / 12"x24"4" - TYPE MERV 13 WASHABLE PD (IN WC) 0.15 - MANUFACTURER CARRIER CARRIER TYPE ONCEALED HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA OPER WT (LBS) 140 . | NG | TOTAL (MBH) | 26.19 | 11.49 | | | | |
| CAPACITY (MBH) 37.15 13.86 - - - - - - QUANTITY/SIZE 1 / 12"x24"4" - TYPE MERV 13 WASHABLE PD (IN WC) 0.15 - MANUFACTURER CARRIER CARRIER TYPE ONCEALED HIGH WALL MODEL NUMBER 40MBDQ36 40MAQB12B SERVICE OFFICE DATA OPER WT (LBS) 140 . | | EADB/EAWB (F) ^O | 80 / 67 | | | | | |
| ONLY - | 00 | REFRIGERANT | R410A | R410A | | | | |
| ONLY - | | | | | | | | |
| QUANTITY/SIZE1 / 12"x24"4"SPHTYPEMERV 13WASHABLEPD (IN WC)0.15-MANUFACTURERCARRIERCARRIERTYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | (1) | CAPACITY (MBH) | 37.15 | 13.86 | | | | |
| QUANTITY/SIZE1 / 12"x24"4"YPEMERV 13WASHABLEPD (IN WC)0.15-MANUFACTURERCARRIERCARRIERTYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | TINC | | - | - | | | | |
| QUANTITY/SIZE1 / 12"x24"4"YPEMERV 13WASHABLEPD (IN WC)0.15-MANUFACTURERCARRIERCARRIERTYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | EA | | - | - | | | | |
| YeiMERV 13WASHABLEPD (IN WC)0.15-MANUFACTURERCARRIERCARRIERTYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | L L | | | | | | | |
| MANUFACTURERCARRIERCARRIERTYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | 6 | QUANTITY/SIZE | 1 / 12"x24"4" | - | | | | |
| MANUFACTURERCARRIERCARRIERTYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | ER | TYPE | MERV 13 | WASHABLE | | | | |
| MANUFACTURERCARRIERCARRIERTYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | EIL 7 | PD (IN WC) | 0.15 | - | | | | |
| TYPECONCEALEDHIGH WALLMODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | | | | | | | | |
| MODEL NUMBER40MBDQ3640MAQB12BSERVICEOFFICEDATAOPER WT (LBS)140. | M/ | NUFACTURER | CARRIER | CARRIER | | | | |
| SERVICEOFFICEDATAOPER WT (LBS)140. | ΤΥ | PE | CONCEALED | HIGH WALL | | | | |
| OPER WT (LBS) 140 | МС | DDEL NUMBER | 40MBDQ36 | 40MAQB12B | | | | |
| | SE | RVICE | OFFICE | DATA | | | | |
| | OF | PER WT (LBS) | 140 | | | | | |
| | AC | CESSORIES | 34 | 32 | | | | |

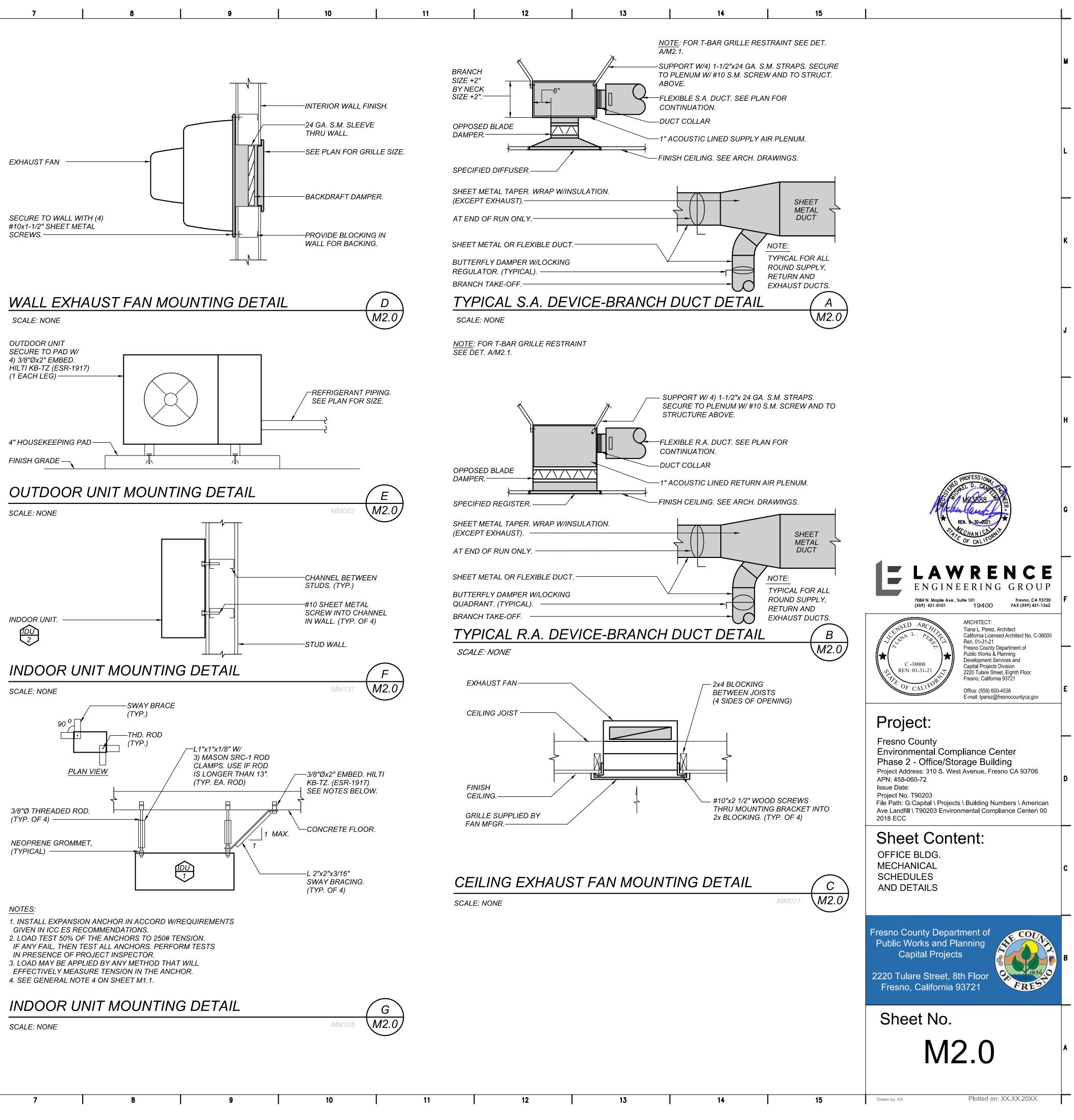
(1) UNIT POWERED BY OUTDOOR UNIT

(2) GOBI # 4678538 CONDENSATE PUMP, 115V/1PH/16W MAX

(3) INTEGRAL OVERFLOW CUT-OFF SWITCH

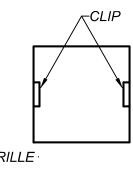
(4) MERV 13 FILTER BOX, FIELD TRANSITION FROM BOX TO UNIT.

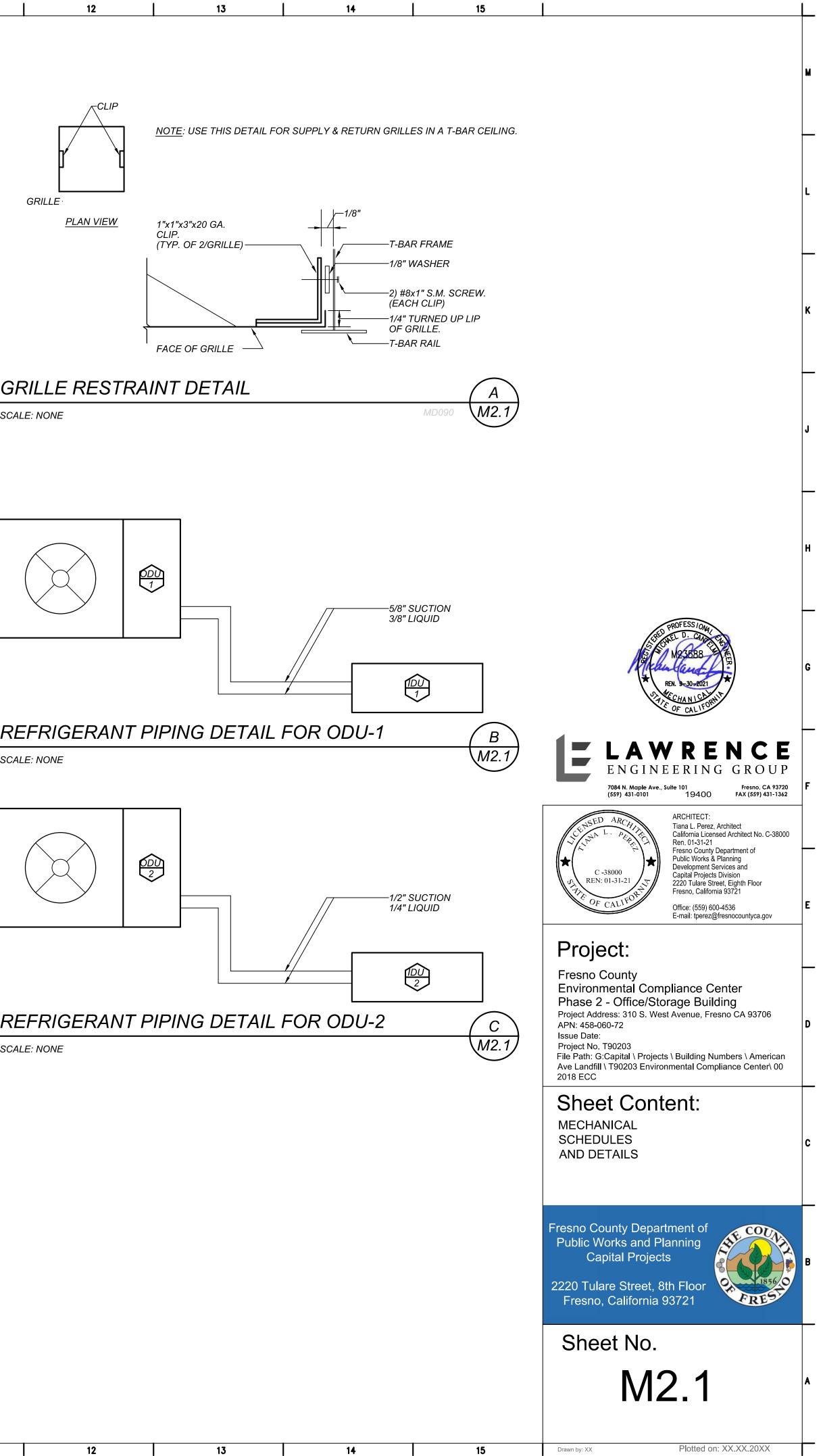
| OUTDOOR UNIT SCHEDULE | | | | | | |
|-----------------------|-------------|-------------|--|--|--|--|
| DESIGNATION | | 2 | | | | |
| MCA/MOCP | 30 / 50 | 9/15 | | | | |
| VOLTS/PHASE | 208/230 / 1 | 208/230 / 1 | | | | |
| SEER/COP AT ARI | 16.5 / 11.5 | 22.5 / 12 | | | | |
| COOLING CAP (MBH) | 26.19 | 11.49 | | | | |
| HEATING CAP (MBH) | 37.15 | 13.86 | | | | |
| AMBIENT (°F) | 105 | 105 | | | | |
| REFRIGERANT | R410A | R410A | | | | |
| | | | | | | |
| MANUFACTURER | CARRIER | CARRIER | | | | |
| TYPE | HEAT PUMP | HEAT PUMP | | | | |
| MODEL NUMBER | 38MBRQ36A | 38MAQB12R3 | | | | |
| SERVICE | OFFICE | OFFICE | | | | |
| OPER WT (LBS) | 140 | 140 | | | | |
| ACCESSORIES | | | | | | |

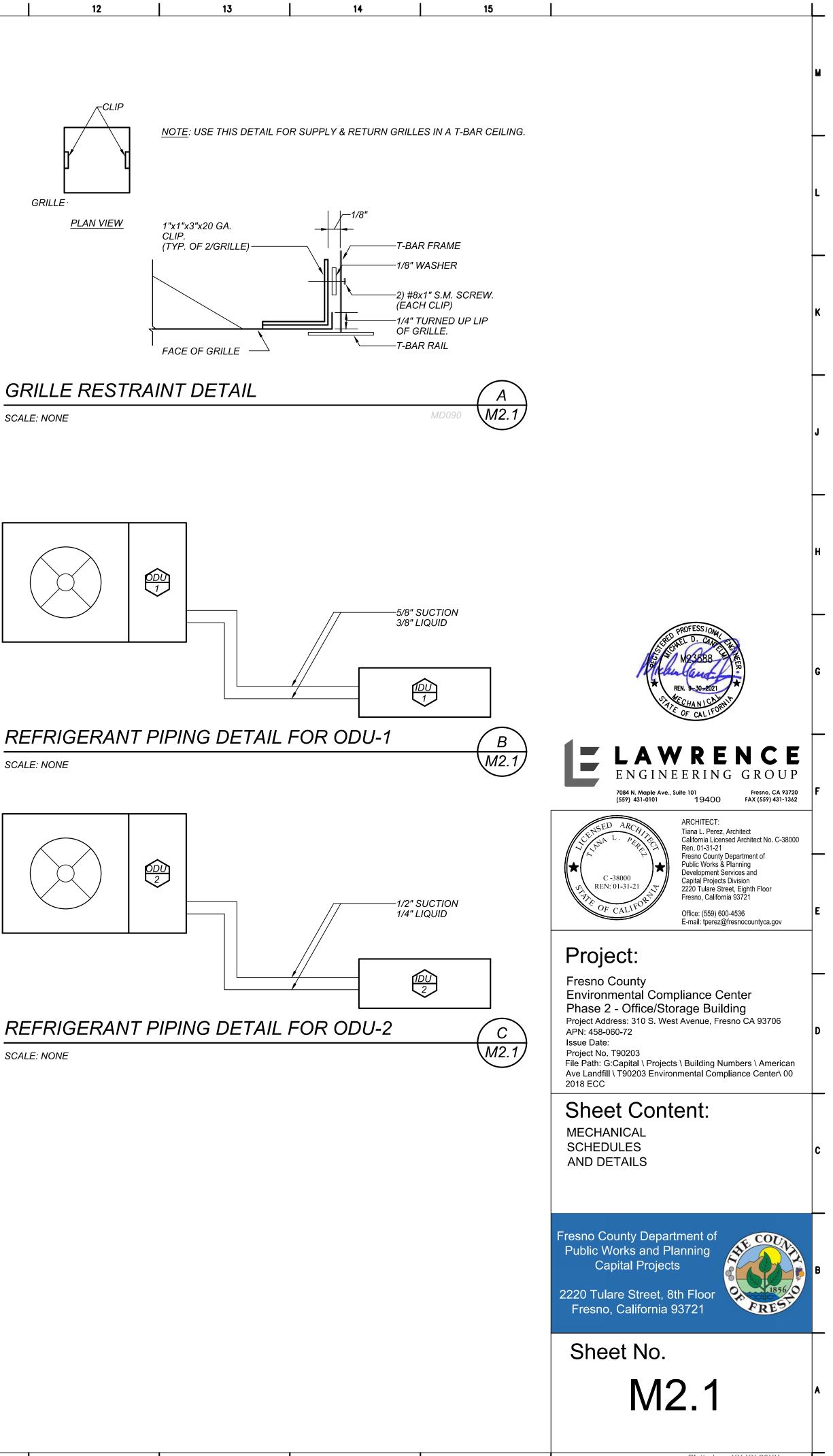


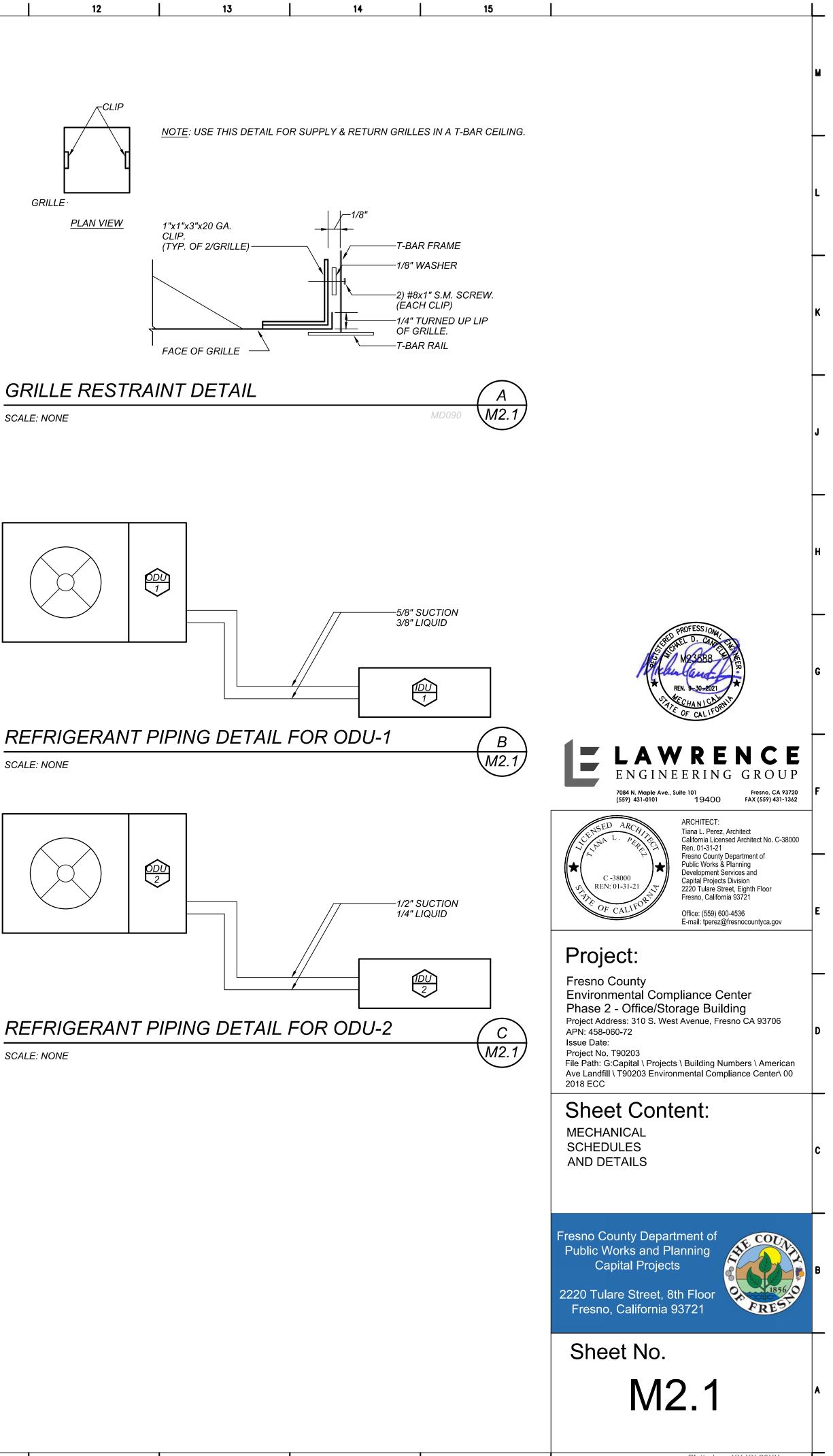
| | 1 | <u> </u> | 2 | I | 3 | 4 | I | 5 | I | 6 | | 7 |
|---|---|----------|---|---|---|-------|---|---|---|---|---------------------|------------|
| M | | | | | | | | | | | | |
| | | | | | | | | | | Г | | |
| | | | | | | | | | | ŀ | MARK | DUTY |
| L | | | | | | | | | | | | CEILING SU |
| | | | | | | | | | | | B | CEILING RE |
| к | | | | | | | | | | | ¢ | WALL EXHA |
| | | | | | | | | | | | $\langle D \rangle$ | LOUVE |
| J | | | | | | | | | | | E | CEILING SU |
| U | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Η | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| G | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| F | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| E | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| D | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| С | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| В | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A | | | | | | | | | | | | |
| ~ | | | | | | | | | | | | |
| | 1 | | 2 | I | 3 | 4 | 1 | 5 | | 6 | | 7 |

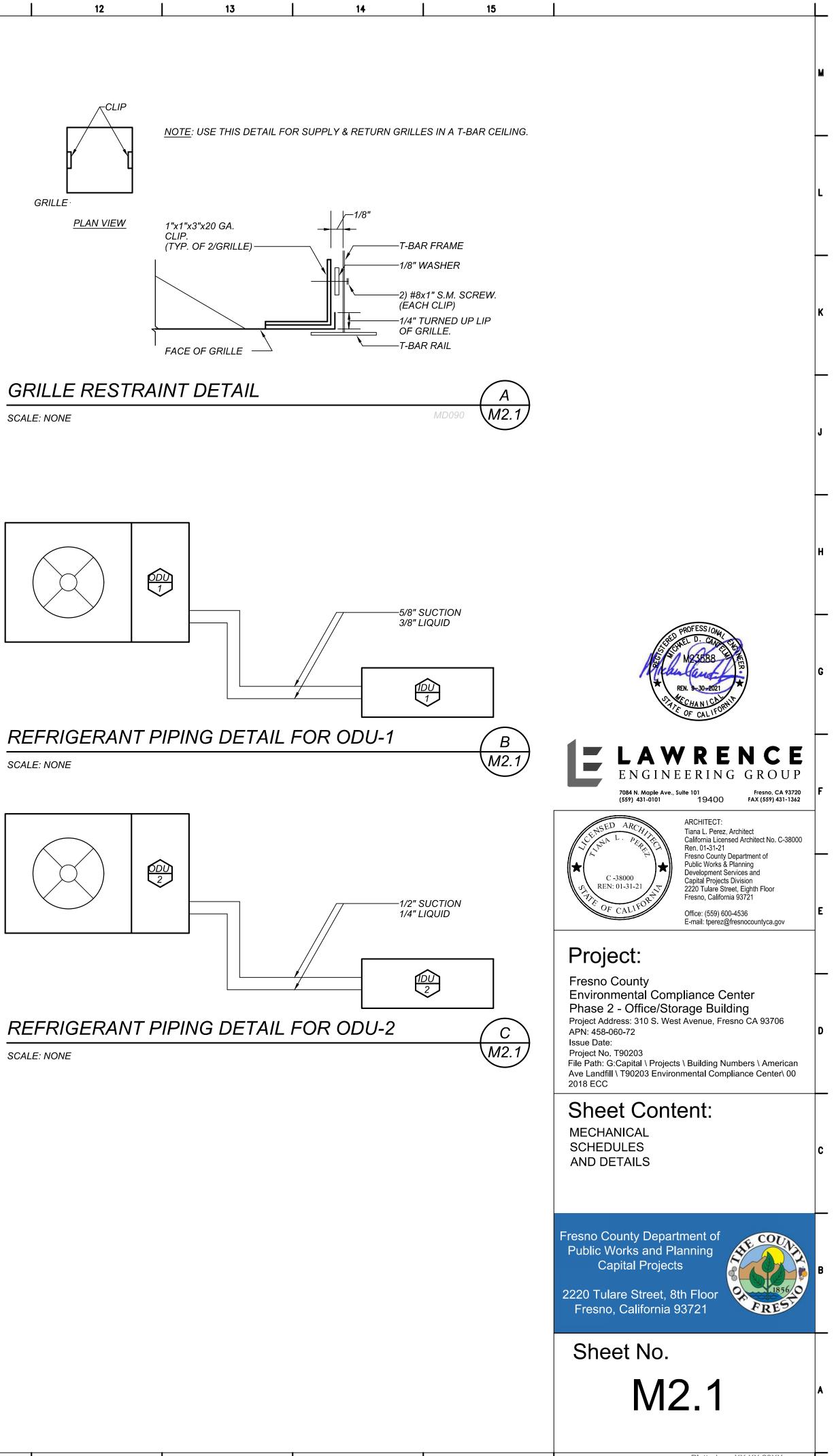
| | GRILLE SCHEDULE | | | | | | | | |
|------|-----------------|---|--|--|--|--|--|--|--|
| MARK | DUTY | DESCRIPTION | | | | | | | |
| A | CEILING SUPPLY | TITUS TDC (TYPE 3) FULL LOUVER FACE ROUND OR RECTANGULAR NECK DIFFUSER FOR STD. LAY-IN CEILING WITH NO. 26 WHITE FINISH. (18"x18" NECK, ADAPTER SIZE SHOWN) | | | | | | | |
| B | CEILING RETURN | TITUS CORE 50F (TYPE 3) ALUMINUM EGG CRATE REGISTER WITH 1/2"x1/2" GRID FOR STD. LAY-IN CEILING WITH NO. 26 WHITE FINISH. | | | | | | | |
| © | WALL EXHAUST | TITUS MODEL 350RL STEEL RETURN GRILLE WITH 35° DEFLECTION BLADES AT 3/4" SPACING AND NO. 26 WHITE FINISH. | | | | | | | |
| D | LOUVER | RUSKIN L811 20 GAUGE GALVANIZED SHEET METAL LOUVER WITH 1/2" MESH SCREEN ON INSIDE FACE. PRIME FOR PAINT. | | | | | | | |
| E | CEILING SUPPLY | TITUS TDC (TYPE 1) LOUVER FACE SQUARE OR RECTANGULAR NECK DIFFUSER FOR SURFACE MOUNTING WITH NO. 26 WHITE FINISH. | | | | | | | |











| _ | 1 | | 2 | | | 3 | | | 4 | | | | 5 | | | 6 | | | 7 | |
|---|---|---|--|---|--------------------------------|-----------------------------|-----------------------------|--|-----------------------------------|-------------------------------|-----------------------------|---------------------------|------------------|--------------------|----------------------------|---|---|-------------------------|---------------------------|-----------------------|
| | | | | | | | | | | | | | | | | | | | | |
| M | | Project Name: | Fresno Coun | | | ince Center | | | NRCC-PRF-01-E | | ge 3 of 14 | 12 2020 | | | | | Project Name: | | County Envi | |
| M | | Project Address: Input File Name: | 310 S. West / Fresno Enviro | | | 3_06.11.202 | 20.cibd19x | | Calculation Dat | e/Time: 09 | :37, Fri, Jun | 12, 2020 | | | | | Project Address: Input File Name: | | West Avenue Environmer | |
| | | E. HERS VERIFICATION | | | | | | | | | | | | | | | C1. COMPLIANCE | RESULTS FO | R PERFOR | MANCE |
| _ | | F. ADDITIONAL REN | MARKS | | | | | | | | | | | | | | Space Heating | Ene | ergy Compon | ient |
| | | This Section Does Not | t Apply | | | | | | | | | | | | | | Space Cooling | | | |
| L | | G. ENVELOPE GENE | RAL INFORMAT | | | 2 | | | | 3 | | | 4 | | | | Indoor Fans Heat Rejection | | | |
| | | Opaque Surfa | aces & Orientation | | Total | | ce Area (ft ²) | | Total Fenes | ration Area (f | | _ | Window to Wal | ll Ratio (| | | Pumps & Misc. Domestic Hot Water | | | |
| | | | | h-Facing ¹ st-Facing ² | | | | 183 ft ² 210 ft ² | | | 0 ft 51 ft | _ | | | 00.0% 24.3% | | Indoor Lighting | | | |
| _ | | | | h-Facing ³ st-Facing ⁴ | | | | 0 ft ² 337 ft ² | | | 0 ft 0 ft | | | | 00.0% 00.0% | | ¹ Notes: The numb | | | |
| | | Roof | | Total | | | | 730 ft² 375 ft ² | | | 51 ft 0 ft | _ | | | 07.0% | | C2. RESULTS FOR | | | ICATION |
| | | Notes: ¹ North-Facing is ori | iented to within | 45 degrees | of true nort | th, includin | ng 45°00'00' | | NE), but exclu | ding 45°00'0 | | | | | | | □This project is pur | suing CalGree | | Compone |
| K | | ² East-Facing is orier ³ South-Facing is ori | nted to within 4: iented to within | 5 degrees o 45 degrees | f true east, i of true sout | including 4 th, includin | 15°00'00" so 1g 45°00'00 | outh of east (SE) " west of south |), but excludin (SW), but excl | g 45°00'00" ı uding 45°00' | north of ea '00" east oj | st (NE). f south (SE). | | | | | Receptacle Process | | | |
| | | ⁴ West-Facing is orie | ented to within 4 | 45 degrees | of true west, | , including | י "45°00'00" ו | north of due we | st (NW), but e | xcluding 45° | 00'00" sou | th of west (S | 5W). | | | | Other Ltg Process Motors | | | |
| _ | | | | | | | | | | | | | | | | | COMPLIANCE TOTAL | | | |
| | | | | | | | | | | | | | | | | | D. EXCEPTIONAL C | | | ompiram. |
| | | | | | | | | | | | | | | | | | This project includes occupying. | | | npliance |
| J | | | | | | | | | | | | | | | | | This project uses the requirements are me | | | |
| | | | | | | | | | | | | | | | | | required. | | | |
| | | CA Building Energy Effi | iciency Standards- | - 2019 Nonre | esidential Con | npliance | Repo | ort Version: NRCC | C-PRF-01-E-0428 | 2020-6206 | | Report G | enerated at: 202 | 20-06-12 | 2 09:37:38 | | CA Building Energy Ef | ficiency Stan | dards- 2019 | Nonresi |
| _ | | | | | | | | | | | | | | | | | | | | |
| | | Project Name | Franco Court | ty Environm | antal Complia | nco Contor | | | NRCC-PRF-01-E | Da. | ge 6 of 14 | | | | | | Project Name: | France | County Env | ironmon |
| н | | Project Name: Project Address: | Fresno Coun 310 S. West | Avenue Fres | no 93657 | | | | Calculation Dat | | :37, Fri, Jun | 12, 2020 | | | | | Project Address: | 310 S. | County Envi | e Fresno |
| | | Input File Name: K1. Dry System Equ | Fresno Enviro | | | | | \ | | | | | | | | | Input File Name: | | 8 8140 3 | ntal Com |
| | | | | | Dry | System Equ | | n & Economizer i | -r | low in Table N | | | | | | | 11. OPAQUE SURFAC | E ASSEMBLY | | |
| _ | | 1 | 2 | | 3 | 4 | | 5 Hea | 6 iting | | 7 | | B Cooling | 9 | 10 | | Surface | 1 e Name | | Surf |
| | | Equipment Name | Equipme | nt Type | Qty T | otal Heatin (kBtu/ | | Supp Heat Source (Y/N) | Supp Heat C (kBtuh | | fficiency | | (KBtu/n) | Efficienc | | | Slah On | Grade16 | | Underg |
| | | IDU 2 | SZHP (C | CRAC) | 1 | 14 | | No | 0 | H | SPF-12.00 | 1 | | ER-22.5 ER-10.0 | | | ¹ Status: N - New, A – Altere | | | onderg |
| G | | ¹ Status: N - New, A – Altered | | SUMMARY | ∕ §140.4¹ | | | | | | | | | | | | I2. OVERHANG DE | TAILS | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 Poture For | | 11 | 12 | 13 | | This Section Does No | ot Apply | | |
| | | Name or Item Tag | System Type packaged, DOAS, etc. | Design OA | СЕМ | внр | Supply Fan Watts | Control | СҒМ | внр | Return Fan Watte | | Ec Control | onomiz (if pres | | | 13. OPAQUE DOOR | R SUMMARY | Y | |
| | | IDU 1 | SZHP | 31 | 910 | 0.344 | 299.8 | ConstantVolu | | NA | NA | | | NoEcono | | | | Assembly N Metal Doo | | |
| | | IDU 2 ¹ Status: N - New, A – Altered | SZHP d, E – Existing | 6 | 380 | 0.100 | 87.2 | ConstantVolu | me NA | NA | NA | | NA | NoEcono | omizer N | | | | | |
| F | | K3. EXHAUST FAN S | SUMMARY | | | | | | | | | | | | | | J. CRRC ROOFING This Section Does No | | UMMARY | S140.3 |
| | | 1 System | ID | | 2 Zone N | | | 3 Qty | 4 CFM | 5 Motor BHP | | 6 or Watts | Total Static I | 7 Pressure | e (in H20) | | K. HVAC SYSTEM S | | §110.1 & § | 110.2 |
| | | Restroom | | | 2-Restr | | | 2 | 120 | 0.045 | 3 | 39.0 | | 1.54 | | | K1. Dry System Eq | | | |
| _ | | K4. Wet System Equ | uipment (boiler | s, chillers, o 2 | cooling towe | ers, etc.) 4 | 5 | ; | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | 2 | |
| | | Name or Item | n Tag Ed | quipment Ty | vpe Qty | Vol (gal) | Rated Ca (kBtu | | Efficiency | Standby Lo | oss Qty | | Pumps HP 1 | VSD (Y/ | Status ¹ | | 1 Equipment Name | | uipment Typ | |
| E | | ¹ Status: N - New, A – Altered | d, E – Existing | | | | | | | | | | | | | | | | | ~ |
| | | | | | | | | | | | | | | | | | IDU 1 | SZHF | P (Split3Phas | se) |
| | | CA Building Energy Effi | iciency Standards- | - 2019 Nonre | esidential Con | npliance | Repo | ort Version: NRCC | C-PRF-01-E-0428 | 2020-6206 | | Report G | enerated at: 202 | 20-06-12 | 2 09:37:38 | | CA Building Energy Ef | ficiency Stan | dards- 2019 | Nonresi |
| _ | | | | | | | | | | | | | | | | | | | | |
| | | Project Name: | Fresno Coun | ty Environm | ental Complia | ince Center | | | NRCC-PRF-01-E | Pag | ge 8 of 14 | | | | | | Project Name: | Fresno | County Envi | ironmen |
| | | Project Address: | 310 S. West / | Avenue Fres | no 93657 | | | | Calculation Dat | | :37, Fri, Jun | 12, 2020 | | | | | Project Address: | 310 S. | West Avenue | e Fresno |
| D | | Input File Name: | | | MMARY § 14 | | 20.000198 | | | | | | | | | | Input File Name: | | Environmer | ntai Com |
| | | 1 | 2 | | 3 | 4 | 5 ed Capacity | 6 | | 7 | | 8 9 | 10 | 11 | 12 | | 1 | | | 2 |
| _ | | System ID | Zone Nar | me | System Type | | (kBtuh) | | | w (cfm) | | vin. | | an | ECM | | System Nan | ne | Optim | um Start |
| | | 2-Restrooms-Trm | 2-Restroo | oms | Uncontrolled | NA | _ | g Design 358 | | Min. NA | | atio BH | | Cycle NA | Iviotor | | IDU 1 | | No Optir | mum Sta |
| | | 1-Office-Trm 3-Data-Trm | 1-Office 3-Data | | Uncontrolled Uncontrolled | | | 553 380 | | NA NA | | 0.00 N/ | | NA NA | | | IDU 2 | | No Optir | mum Sta |
| C | | K9. EVAPORATIVE C | | ARY | | I | I | | I | | I | | | | | | Water Heater(s) Notes: This table includes c | | | NA nce path on |
| | | This Section Does Not | t Apply | | | | | | | | | | | | | | K6. MECHANICAL | VENTILATIC | ON AND RE | HEAT §1 |
| | | L. DOMESTIC/SERV | ICE HOT WATER | R SYSTEM S | UMMARY | | | | | | | | | | | | 1 | <u>.</u> | | |
| | | L1. DHW EQUIPME | NT SUMMARY | | 3 | 4 | 5 | 6 | 7 | 8 | : | 9 | 10 | | 11 | | Zone I | Name | | Ventila |
| | | DHW Name | Heater Element | Tar | ık Type | Qty | Tank Vol | Rated Input | Efficiency | Tank Ins R-va | | Standby Loss | Heat Pum | nl | ank Location or Ambient | | 1-Of 2-Restr | | | Office - Exhaust - |
| в | | WH 1 - Chronomite | Type Electricity | | | | (gal) 1.00 | (kBtu/h) 3.6 (kW) | UEF: 0.95 | (Int/ | Ext) | Fraction SBLF: NA | Type NA | | Condition | | 3-D. | | | Misc |
| | | M 30L 12 | Electricity | | ntaneous | 2 | 1.00 | э.о (KW) | 021:0.95 | N/ | n | JULT: NA | NA | | NA | | K7. DISTRIBUTION | | / §120.4/1 | 40.4(I) |
| | | L2. MULTI-FAMILY C | | SYSTEM DE | TAILS | | | | | | | | | | | | This Section Does No | עוקארי | | |
| _ | | L3. SOLAR HOT WA | | UMMARY | | | | | | | | | | | | | Multifamily or Hote | | | 'Yes", seo |
| | | This Section Does Not | t Apply | | | | | | | | | | | | | | Does the Project inc | lude Zonal S | ystems? | |
| | | M. COVERED PROC This Section Does Not | | §140.9 | | | | | | | | | | |] | | | | | |
| • | | | | | | | | | | | | | | | | | | | | |
| | | CA Building Energy Effi | iciency Standards- | - 2019 Nonre | esidential Con | npliance | Repo | ort Version: NRCC | C-PRF-01-E-0428 | 2020-6206 | | Report G | enerated at: 202 | 20-06-12 | 2 09:37:38 | | CA Building Energy Ef | ficiency Stan | dards- 2019 | Nonresi |
| | | 1 | | i | | | | | | | 1 | | | | 1 | | | | | |
| | 1 | I | 2 | I | | 3 | | I | 4 | | 1 | | 5 | | I | 6 | I | | 7 | |

| | 7 | | 8 | | 9 | 9 | 10 | | | 11 | | | 12 | |
|-------------------------------|--|--------------------|--------------------------|------------------|--------------|------------------------------|--------------------------------------|----|-------|------------------------------|-------------|----------------|-------------------------|---------------------|
| | | - | | • | | | | | | • | | | | • |
| | | | | | | | | | | | | | | |
| | | | | _ | | | | _ | | | | | | |
| Project Name: | : Fresno County Environmental Cor | mpliance Center | | NRCC-PRF-01 | -E | Page 2 of 14 | | | Proje | ect Name: Fresr | 10 Cou | nty Environm | ental Compliance Cente | er |
| Project Addres | ss: 310 S. West Avenue Fresno 93657 | 7 | | Calculation D | ate/Time: | 09:37, Fri, Jun 12, 2020 | | | Proje | ect Address: 310 S | 3. West | t Avenue Fres | no 93657 | |
| Input File Nam | ne: Fresno Environmental Compliance | e _V8_ 06.11.2020. | .cibd19x | | | | | | Inpu | t File Name: Fresr | າo Envi | ronmental Co | ompliance _V8_ 06.11.2 | 020.cibd19x |
| C1. COMPLIA | ANCE RESULTS FOR PERFORMANCE COM | PONENTS (Annua | al TDV Energy Use, kBtı | u/ft ²-yr) | | | | | A. G | ENERAL INFORMATION | | | | |
| | | | COMPLI | FC | | | | | 1. | Project Location (city) | | | Fresno | |
| | | | CONFLI | LJ | | | | | 2. | CA Zip Code | | | 93657 | |
| | Energy Component | | Standard Design | (TDV) | Prop | oosed Design (TDV) | Compliance Margin (TDV) ¹ | | 3. | Climate Zone | | | 13 | |
| Space Heating | 3 | | | 6.40 | | 17.00 | -10 | 60 | 4. | Total Conditioned Floor | Area in | Scope | 375 ft ² | |
| Space Cooling | [| | | 226.75 | | 250.73 | -23 | 98 | 5. | Total Unconditioned Floo | or Area | I | 0 ft ² | |
| Indoor Fans | | | | 310.53 | | 236.11 | 74. | 42 | 6. | Total # of Stories (Habita | ble Ab | ove Grade) | 1 | |
| Heat Rejection | n | | | | | | | | 7. | Total # of dwelling units | | | 0 | |
| Pumps & Misc | 2. | | | | | | | | | _ | | | | |
| Domestic Hot | Water | | | 23.69 | | 19.31 | 4. | 38 | В. Р | ROJECT SUMMARY | | | | |
| Indoor Lightin | g | | | 40.32 | | 40.32 | | | | e Instructions: Table B show | vs whic | ch building co | mponents are included | in the performance |
| ENERGY | STANDARDS COMPLIANCE TO | DTAL | | 607.69 | | 563.47 | 44.22 (7.3% | 6) | pern | nit application. | | I . C | | • |
| ¹ Notes: The | number in parenthesis following the Com | pliance Margin in | n column 4. represents t | he Percent Be | etter than : | Standard. | | | | | | Performand | ents Complying via Perl | ormance |
| | | | | | | | | _ | Enve | elope | | | Covered Process: | Commercial |
| | FOR 'ABOVE CODE' QUALIFICATIONS ¹ t is pursuing CalGreen Tier 1 | | | r | This pasi | ect is pursuing CalGreen Tie | - 2 | _ | | | | Not Include | d Kitchens | |
| | | | Standard Design (| | | | | _ | | | | Performand | e . | |
| Receptacle | Miscellaneous Energy Component | | Standard Design | 87.62 | Prop | oosed Design (TDV) 87.62 | Compliance Margin (TDV) ¹ | | Mec | hanical | | Not Include | covered Process: | Computer Rooms |
| Process | | | | 395.64 | | 395.64 | | | | | \boxtimes | Performand | ce Course d Davage | Laboration Estation |
| Other Ltg | | | | 333.04 | | | | | Dom | nestic Hot Water | | Not Include | d Covered Process: | Laboratory Exhaus |
| Process Motor | rs | | | | | | | | | | | | | |
| | TOTAL PLUS MISCELLANEOUS COMPONENTS | | | 1,090.95 | | 1,046.73 | 44.2 (4.1 | %) | Light | ting (Indoor Conditioned) | | Performand | ce | |
| ¹ Notes: This | table is used to document compliance wit | th programs OTH | ER THAN Title 24 Part 6 | , if applicable | 2. | | | | | | \boxtimes | Not Include | :d | |
| | | | | | | | | | Sola | r Thermal Water Heating | | | | |
| D. EXCEPTIO | NAL CONDITIONS | | | | | | | | 30141 | | \boxtimes | Not Include | ed . | |
| This project in occupying. | cludes partial performance compliance scope | options. The build | ing must show compliance | e with all other | applicable | compliance scope options (| performance or prescriptively) befor | e | | | | • | | |
| | ses the Simplified Geometry Performance Moo are met. PRESCRIPTIVE COMPLIANCE docume | 0 11 | • | | • | | | | | | | | | |

Report Generated at: 2020-06-12 09:37:38

Report Generated at: 2020-06-12 09:37:38

9

10

11

| Project Name: | Fresno County | Environmental Compliance (| Center | NRCC-PRF | F-01-E | Page 5 o | f 14 | | | |
|--|-----------------|----------------------------|---|------------|-------------|-----------------|-------------------|-----------------------|-----------------------------------|---------------------|
| Project Address: | 310 S. West Ave | enue Fresno 93657 | | Calculatio | on Date/Tim | e: 09:37, Fr | i, Jun 12, 2020 |) | | |
| Input File Name: | Fresno Environ | mental Compliance _V8_ 06 | 11.2020.cibd19x | | | | | | | |
| I. ENVELOPE DETAILS | §120.7 & §140. | 3 | | | | | | | | |
| 11. OPAQUE SURFACE A | SSEMBLY SUMMA | ARY | | | | | | | | |
| 1 | | 2 | 3 | | 4 | 5 | 6 | 7 | 8 | 9 |
| Surface Na | ime | Surface Type | Description of Assembly Laye | ers / | Area (ft²) | Framing Type | Cavity R-Value | Continuous R-Value | U-Factor / F-Factor / C-Factor | Status ¹ |
| Slab On Gra | de16 | UndergroundFloor | Slab Type = UnheatedSlabOnGra Insulation Orientation = None Insulation R-Value = R0 | | 375 | NA | 0 | NA | F-Factor: 0.730 | N |
| ¹ Status: N - New, A – Altered, E | – Existing | | | | | | | • | • | • |

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206

12. OVERHANG DETAILS This Section Does Not Apply

| 13. OPAQUE DOOR SUMMARY | | |
|-------------------------|------------------|---------------------|
| 1 | 2 | 3 |
| Assembly Name | Overall U-factor | Status ¹ |
| Metal Door21 | 0.700 | N |

J. CRRC ROOFING PRODUCT SUMMARY S140.3

| This Section Does Not A | Apply | | | | | | | | |
|-------------------------|----------------------------|-----------|-------------------------------------|---------------------------|-----------------------------|------------|----------------------------------|--------------------------|-------------------|
| K. HVAC SYSTEM SUI | MMARY §110.1 & §110.2 | | | | | | | | |
| K1. Dry System Equi | oment (furnaces, air handl | ing units | s, heat pumps, VRF, et | tc.) | | | | | |
| | | D | ory System Equipment ¹ (| Fan & Economizer in | fo included below in T | able N) | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | Heat | ing | | Cooli | ng | st |
| Equipment Name | Equipment Type | Qty | Total Heating Output (kBtu/h) | Supp Heat Source (Y/N) | Supp Heat Output (kBtuh) | Efficiency | Total Cooling Output (kBtu/h) | Efficiency | atus ⁵ |
| IDU 1 | SZHP (Split3Phase) | 1 | 39 | No | 0 | HSPF-11.50 | 25 | SEER-16.50 / EER-9.00 | N |

Report Generated at: 2020-06-12 09:37:38 CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206

| Project Name: | Fresno Count | ty Environmental Co | mpliance Ce | nter | | NRCC-PRF-01 | -Е | Page 7 o | of 14 | | | | |
|-------------------------------------|---------------------|----------------------------|-------------------|--------------------------|---------------------|------------------------|-----------------|-----------|------------------|------|---|------------------|-----------|
| Project Address: | 310 S. West / | Avenue Fresno 9365 | 7 | | | Calculation D | ate/Time: | 09:37, F | ri, Jun 12, 202 | 0 | | | |
| Input File Name: | Fresno Enviro | onmental Complianc | e_V8_06.1 | 1.2020.cibd19x | | | | | | | | | |
| | 6420.2 | | | | | | | | | | | | |
| K5. SYSTEM FEATURES | 9120.2 | | | | | | | | | | | | |
| 1 | | 2 | | 3 | | 4 | | 5 | | | 6 | | |
| System Name | 0 | Optimum Start | | nterlocks per 40.4(n) | Evaporati | ve Cooling | н | eat Reco | very | | Other Co | ontrols | |
| IDU 1 | No | Optimum Start | | NA | No Evapora | ative Cooler | No | Heat Red | covery | | No DCV Contr No Econo No Supply Air T | omizer | |
| IDU 2 | No | o Optimum Start | | NA | No Evapora | ative Cooler | No | Heat Red | covery | | No DCV Contr No Econe No Supply Air T | omizer | |
| Water Heater(s)1 - SH | w | NA | | NA | Ν | IA | | NA | | Fixe | ed Temperature | Control, N | o DDC |
| Notes: This table includes control: | s related to the pe | rformance path only. For p | projects using th | e prescriptive path, i | mandatory and press | criptive controls requ | irements are de | ocumented | on the NRCC-MCH- | ·E. | | | |
| K6. MECHANICAL VEN | | ID REHEAT §120.1 | | | | | | | | | | | |
| 1 | | 2 | | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 9 |
| | | | | | I Mecha | nical Ventilatio | i n | | I | | | DCV or C | Occupant |
| Zone Name | 9 | Ventilation F | unction | # hotel rooms | # of people | # of bedrooms | Supply O | A CFM | Exhaust Cl | FM | Conditioned Area (sf) | Sensor C or B | Controls, |
| 1-Office | | Office - Offic | e space | 0 | 2.04 | 0 | 31 | | 0 | | 204 | N | A |
| 2-Restroom | s | Exhaust - Toile | ts, public | 0 | 1.32 | 0 | 0 | | 240 | | 132 | N | A |
| 3-Data | | Misc - All o | thers | 0 | 0.06 | 0 | 6 | | 0 | | 39 | N | A |
| | | | | | | | | | | | | | |
| K7. DISTRIBUTION SUM | | J.4/140.4(I) | | | | | | | | | | | |
| This Section Does Not Ap | ply | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Multifamily or Hotel/Mo | tel Occupancy | /? (if "Yes", see DON | /IESTIC/SER\ | ICE HOT WATER | R SYSTEM SUMM | /IARY) | | | | | | | No |
| | | 2 | | | | | | | | | | | |
| Does the Project include | Zonal System | s? | | | | | | | | | | | No |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206

8

Fresno County Environmental Compliance Ce Project Name: Project Address: 310 S. West Avenue Fresno 93657 Fresno Environmental Compliance _V8_06.1 Input File Name: H. FENESTRATION ASSEMBLY SUMMARY §110.6 1. 2. Fenestration Assembly Name / Tag | Fenestration Type / Product Ty Frame Type or I.D. VerticalFenestration FixedWindow Glass 1 N/A VerticalFenestration Door Glass FixedWindow N/A

L ENVELOPE DETAILS \$120 7 & \$140 3

² Status: N - New, A – Altered, E – Existing

| /ELOPE DETAILS §120.7 & §14 | | | | | | | | |
|-----------------------------|--------------|--|-------------------------|-----------------|-------------------|-----------------------|-----------------------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Г |
| Surface Name | Surface Type | Description of Assembly Layers | Area (ft ²) | Framing Type | Cavity R-Value | Continuous R-Value | U-Factor / F-Factor / C-Factor | |
| Roof 1 - 2x12 R308 | Roof | Metal Standing Seam - 1/16 in. Vapor permeable felt - 1/8 in. Plywood - 1/2 in. Air - Ceiling - 3/4 in. Metal framed roof, 16in. OC, 11.25in., R-30 Air - Cavity - Wall Roof Ceiling - 4 in. or more Acoustic Tile - 1/2 in. | 375 | Metal | 30 | NA | U-Factor: 0.063 | |
| Wall 1 - 2x4 R11 + R1.510 | ExteriorWall | Metal Siding - 1/16 in. Vapor permeable felt - 1/8 in. Cellular polyisocyanurate (unfaced) - 1/4 in. R1.5 Air - Cavity - Wall Roof Ceiling - 4 in. or more Metal framed wall, 16in. OC, 3.5in., R-11 Gypsum Board - 5/8 in. | 730 | Metal | 11 | 1 | U-Factor: 0.147 | |

| liance Center | | | NRCC-PRF-01-E | Page 1 of 14 | 4 |
|-------------------------------|-----------|--------------|-----------------------------|-----------------|---|
| | | | Calculation Date/Time: | 09:37, Fri, J | un 12, 2020 |
| V8_06.11.2020.cibd19x | | | | | |
| | | | • | | |
| | | | | | |
| | | 8. | Standards Version | | Compliance2019 |
| | | 9. | Compliance Software (v | version) | EnergyPro 8.1 |
| | 1 | L O . | Weather File | | FRESNO_723890_CZ2010.epw |
| | 1 | L1. | Building Orientation (de | eg) | (N) 0 deg |
| | 1 | L2. | Permitted Scope of Wo | rk | NewEnvelopeAndMechanical |
| | : | 13 | Building Type(s) | | Nonresidential |
| | : | 14 | Gas Type | | NaturalGas |
| | | | | | • |
| | | | | | |
| re included in the performanc | e calcula | tion | . If indicated as not inclu | ded, the projec | ct must show compliance prescriptively if within |
| lying via Performance | | | | Building (| Components Complying Prescriptively |
| ed Process: Commercial | | Pei | | | mponents are ONLY eligible for prescriptive e documented on the NRCC form listed if within the |

14

15

| ncluded | scope of the permit application (i.e. compliance wi NRCC-PRF-E). | ll not be shown on the |
|---------|---|-----------------------------|
| ormance | Indoor Lighting (Unconditioned)§140.6 | NRCC-LTI -E is required |
| ncluded | Outdoor Lighting §140.7 | NRCC-LTO-E is required |
| ormance | Sign Lighting §140.8 | NRCC -LTS-E is required |
| ncluded | Mandatory Measures | |
| | Electrical power systems, commissioning and solar mandatory and should be documented on the NRC (i.e. compliance will not be shown on the NRCC-PR | C form listed if applicable |
| | Electrical Power Distribution S110.11 | NRCC-ELC-E is required |
| | Commissioning S120.8 | NRCC-CXR-E is required |
| | Solar Ready S110.10 | NRCC-SRA-E is required |
| | | |

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206 Report Generated at: 2020-06-12 09:37:38

13

🛛 🖾 Not li

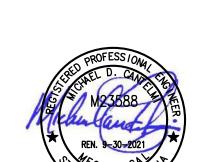
] | Perf

Not I

Not II

| Project Name: | Fresno Coun | ty Environmental Compliance Center | | NRCC-PRF-01-E | Page 4 of 14 | | | | |
|------------------------------|--------------|--|-----------------------------------|------------------------|--------------------------|---------------------|-----------------|---------------|---------|
| Project Address: | 310 S. West | Avenue Fresno 93657 | | Calculation Date/Time: | 09:37, Fri, Jun 12, 2020 |) | | | |
| nput File Name: | Fresno Envir | onmental Compliance V8_06.11.2020. | .cibd19x | | | | | | |
| H. FENESTRATION | ASSEMBLY SUM | IMARY §110.6 | | | | | | | |
| 1. | | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. |
| Fenestration Assem or I.D | | Fenestration Type / Product Type / Frame Type | Certification Method ¹ | Assembly Meth | od Area ft ² | Overall U-factor | Overall SHGC | Overall VT | status- |
| Glass | 1 | VerticalFenestration FixedWindow N/A | NFRC Rated | SiteBuilt | 36 | 0.36 | 0.25 | 0.42 | • |
| Door Gl | ass | VerticalFenestration FixedWindow N/A | NFRC Rated | SiteBuilt | 15 | 1.10 | 0.83 | 1.00 | • |

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206 Report Generated at: 2020-06-12 09:37:38







ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren, 01-31-21 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721 Office: (559) 600-4536

E-mail: tperez@fresnocountyca.gov

Project:

Fresno County Environmental Compliance Center Phase 2 - Office/Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72 Issue Date:

Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: MECHANICAL

TITLE 24

Fresno County Department of Public Works and Planning Capital Projects



2220 Tulare Street, 8th Floor Fresno, California 93721

Sheet No.





13

12

14

| Properties 112 S. West Average Tracers 93302 Calculation Offer Trace 027, Fry, Jun 2, 2020 Properties The Non-Distance of Calculation Offer Calculation Off | Image Note: | Parter Norm D115. Werk horses Columbo Day Time Display Sections Display Sections <thdisplay sections<="" th=""> <thdisplay sections<="" th=""></thdisplay></thdisplay> | Project Address: 310 S. West Avenue Fres nput File Name: Fresno Environmental C P. DECLARATION OF REQUIRED CERTIFICATES Table Instructions: Selections shall be made by compliance. These documents must be provid Provider (ATTCP). For more information visit: | sno 93657 compliance _V8 S OF ACCEPTA y Documentation ded to the buil | 8_06.11. | Calc | | |
|--|---|--|---|---|---|---|---|---|
| Deckamina of REQUIRED CHTICKENS OF ACCEPTING Table Instructions: Solutions with the made by Documentations Autors to indicate with Configurations and the solution indications and the solution indication indication indications and the solution indication indication indication indications and the solution indication indication indications and the solution indication indication indications and the solution indication indinitia indication indication indication indication | | Decomposition of REQUERCE CHTINEARES OF ACCEPTANCE Table Instructions: Solutions and the marks by Documentations Author to Indicate which Configurates and and the Completence There is advantational acceptance and the completence there is advantational acceptance. There is advantational acceptance and the completence there is advantational acceptance and the completence there is advantational acceptance. There is advantational acceptance and the completence there is advantational acceptance and the completence there is advantational acceptance. There is advantational acceptance and the completence there is advantational acceptance and the completence there is advantational acceptance. There is advantational acceptance and the completence acceptance and there is advantational acceptance and the completence there is advantational acceptance and the completence acceptance and there is advantational acceptance a | P. DECLARATION OF REQUIRED CERTIFICATES Table Instructions: Selections shall be made b compliance. These documents must be provid Provider (ATTCP). For more information visit: | S OF ACCEPTA y Documentati led to the buil | | | | |
| Bale processors before so soft to prove soft to a building injugation of any soft to a building injugation of a buindin a buildin injugation of a buinding injuga | Table Backer, Song Song Song Song Song Song Song Song | Table Approaches Selfcons of Maria Environmental or Selfcons of Approaches multic Expension on the Selfcons Selfcons on multic Expensions on the Selfcons Selfcons Selfcons on the Selfcons Selfcons Selfcons on the Selfcons Selfcons on the Selfcons Selfcons on the Selfcons Selfcons Selfcons on the Selfcons Selfcons o | Table Instructions: Selections shall be made b compliance. These documents must be provid Provider (ATTCP). For more information visit:/ | y Documenta led to the buil | | | | |
| Provider (ATTED). For more information visibility://www.repressor.gov/bite/AD315andards/2012_compleme_discussion/lowers/advected Provider information visibility://www.repressor.gov/bite/AD315andards/2012_compleme_discussion/lowers/advected Indiating Granesentt VS NP Form/file Inform/file Indiating Granesentt VS NP Inform/file Inform/file Inform/file Indiating Granesentt VS NP Inform/file | Adding foregref (Prices) view for generation view for generatio | Decide (ATTC). For nor information vicibility.//Www.emerguica.gov/http://dis23233andon1/2025.compilance.documents/Alamestation() | Provider (ATTCP). For more information visit:/ | | tion Aut | | | |
| Audiant proof professional compliance control Bit Charles with calculation for frameward in the interview of calculation interview of calcul | A validing Lenguy Efficiency Standards: 2019 Normerickettal Compliance MitCA 1004/V227- MITC Liabil verification for Interestation | Devices Image: Section Process MiCA-MWA2-7-MITC liable verification for freestration Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Section Process Image: Se | Building Component | 111103.77 0000.0 | | | | |
| Dettopic IntroArticle/Let - During/Intro Design MA. International Control Implicit Market Control Implicit Market Control Implicit Market Control Implici | Devkope Image: Non-With Proceedings of the Section of Advances of the Section of Ad | Devolpe ImplicALWOAD September 2040 Index Lighting Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implication Implicatio | | YES | NO | | Form/Tit | tle |
| Index Name Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Intervention Interventio | Index Lighting Index10104-00-00-00-00-00-00-00-00-00-00-00-00-0 | CA hulding foreign Efficiency Standards 2009 Nonsoliteratial Compliance Report Names Project Names Project Names Project Names Project Names Names Names | Envelope | | | | | |
| Inter Lighting Image: Second Seco | Intoor Uging Image: Second | Indion (ghthing Image: Second Sec | | | 🛛 NR | Occupancy Sensors an | d Automatic Time Sv | vitch Controls |
| Covered Process | Covered Process ID02-PROCE-2-Fitchen Exhaust ID02-PROCE-2-Fitche Exhaust <td>Covered Process Covered Process Covere</td> <td>Indoor Lighting</td> <td></td> <td>🛛 NR</td> <th></th> <td></td> <td></td> | Covered Process Covere | Indoor Lighting | | 🛛 NR | | | |
| Covered Process Image Marca APR-213 | Covered Process Image: Second Sec | Covered Process Image Reserve - 2-2 | | | | | wer Adjustment Fac | tor (PAF) |
| Image: Bit Mick PRIO12 - Enclator and Moning Vallways Speed Costrol Image: Bit Mick PRIO12 - Enclature Vallways System Image: Bit Mick Prio12 - Enclature Vallways | Image: Internet in the second seco | Image: Internet i | | | | | Ventilation Controls | 5 |
| A Building Energy Efficiency Standards - 2015 Norresidential Compliance A Building Energy Efficiency Standards - 2015 Norresidential Compliance regicet Manne: regicet Manne: regicet Manne: regicet Manne: regicet Manne: regicet Manne: | A Bailding Energy Efficiency Standards- 2019 Normaldential Compliance Negot Version: NRCC PRF-01E 04282020-04006 Report Generated at 2 Project Mame: Interact Energy Definition Compliance Center NRCC-PRF-01E 04282020-04006 Report Generated at 2 Project Mame: Interact Energy Definition Compliance Center NRCC-PRF-01E Page 34 of 14 Complex Page 35 Calculation Data Prime 90.97, Fri, Jun 12, 2020 Project Mame: State State Page 35 Calculation Data Prime 90.97, Fri, Jun 12, 2020 Project Mame: P | Image: Instance | Covered Process | | | | | ontrol |
| Project Name: Fresso County Environmental Compliance Center NRCC-PRF-D1-E Page 14 of 14 Project Address: 310 5. West Avenue Fresso 93657 Calculation Date/Time: 09:37, Fri, Jun 12, 2020 Input File Name: Fresso Environmental Compliance V8_06.11.2020.clbd19x Calculation Date/Time: 09:37, Fri, Jun 12, 2020 DOCUMENTATION AUTHORS DECLARATION STATEMENT Signature: Jun 2000 Jun 2000 Documentation Author Name: Creighont Whaley Signature: Jun 2000 Jun 2000 Company: Lawrence Engineering Group Signature: Jun 2000 Jun 2000 Jun 2000 City/State/Zip: Fresno CA 93720 CEA/ HERS Certification Identification (f applicable): Prome: Jun 2000 Jun 2000 <td< td=""><td>Project Name: Presno County Environmental Compliance Center NRCC-PRF-01-E Page 14 of 14 Project Address: 310 S. West Avenue Fresno 93657 Calculation Date/Time: 09:37, Fil, Jun 12, 2020 Input File Name: Fresno Environmental Compliance JV8_06.11.2020.dbl19x Detection Date/Time: 09:37, Fil, Jun 12, 2020 DOCUMENTATION AUTORS DECLARATION STATEMENT Signature: Signature: Detection Date/Time: 09:37, Fil, Jun 12, 2020 Company: Lawrence Engineering Group Signature: Signature: Detection Date/Time: Date/Time:</td><td>Project Name: Freson County Environmental Compliance Center NRCC-PRF-01-E Page 14 of 14 Project Address: 310 S. West Avenue Freson 93657 Calculation Date/Time: 09:37, Fil, Jun 12, 2020 Input File Name: Freson Environmental Compliance V&_06.11.2020.clbd19x Developmentation Author Name: 09:37, Fil, Jun 12, 2020 Documentation Author Name: Company: Lawrence Engineering Group Signature: Signature: Developmentation Author Name: Company: Lawrence Engineering Group Signature: Signature: Signature: Developmentation Author Name: Phone: Signature: Signature: Signature: Signature: Compliance its and the file of the soft of the soft of colligonic: 1. Information provided on this Certificato of Compliance is true and correct. Information provided on this Certificate of Compliance is true and correct. 1. Information provided on this Certificate of Compliance is true and correct. Information provided on this Certificate of Compliance is true and correct. 1. Information souther soft of soft or sopprovement, and manufactured devices for the building design or system design identified on this Certificate of Compliance is true and correct. 1. Information provided on this Certificate of Compliance is true and correct with the building design or system design identified on this Certificate</td><td></td><td></td><td></td><th></th><td></td><td>em</td></td<> | Project Name: Presno County Environmental Compliance Center NRCC-PRF-01-E Page 14 of 14 Project Address: 310 S. West Avenue Fresno 93657 Calculation Date/Time: 09:37, Fil, Jun 12, 2020 Input File Name: Fresno Environmental Compliance JV8_06.11.2020.dbl19x Detection Date/Time: 09:37, Fil, Jun 12, 2020 DOCUMENTATION AUTORS DECLARATION STATEMENT Signature: Signature: Detection Date/Time: 09:37, Fil, Jun 12, 2020 Company: Lawrence Engineering Group Signature: Signature: Detection Date/Time: Date/Time: | Project Name: Freson County Environmental Compliance Center NRCC-PRF-01-E Page 14 of 14 Project Address: 310 S. West Avenue Freson 93657 Calculation Date/Time: 09:37, Fil, Jun 12, 2020 Input File Name: Freson Environmental Compliance V&_06.11.2020.clbd19x Developmentation Author Name: 09:37, Fil, Jun 12, 2020 Documentation Author Name: Company: Lawrence Engineering Group Signature: Signature: Developmentation Author Name: Company: Lawrence Engineering Group Signature: Signature: Signature: Developmentation Author Name: Phone: Signature: Signature: Signature: Signature: Compliance its and the file of the soft of the soft of colligonic: 1. Information provided on this Certificato of Compliance is true and correct. Information provided on this Certificate of Compliance is true and correct. 1. Information provided on this Certificate of Compliance is true and correct. Information provided on this Certificate of Compliance is true and correct. 1. Information souther soft of soft or sopprovement, and manufactured devices for the building design or system design identified on this Certificate of Compliance is true and correct. 1. Information provided on this Certificate of Compliance is true and correct with the building design or system design identified on this Certificate | | | | | | em |
| Project Address: 310 5. West Avenue Fresno 93657 Calculation Date/Time: 09.37, Fri, Jun 12, 2020 Input File Name: Fresno Environmental Compliance _V8_06.11.2020.clbd19x Calculation Date/Time: 09.37, Fri, Jun 12, 2020 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Fresno Environmental compliance is accurate and complete. Signature: Jun 30, J | Project Address: 310 S. West Avenue Fresno 93657 Calculation Date/Time: 09:37, Fri, Jun 12, 2020 Input FileName: Fresno Environmental Compliance _V8_06.11.2020.clibd19x 09:37, Fri, Jun 12, 2020 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Isority Not Miccriftore of Compliance documentation is accurate and complete. Signature: June 4000000000000000000000000000000000000 | Project Address: 310 S. West Avenue Fresno 93657 Calculation Date/Time: 09:37, Fri, Jun 12, 2020 Input File Name: Fresno Environmental Compliance _V8_06.11.2020.clbd19x 09:37, Fri, Jun 12, 2020 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Input File Name: Signature: 09:37, Fri, Jun 12, 2020 Input File Name: Signature: Signature: Mathematication is accurate and complete. Documentation Author Name: Creighont Whaley Signature Date: 2020-06-12 (If applicable): Phone: (S59) 431-010 Signature Date: 2020-06-12 (If applicable): Phone: (S59) 431-010 EEXPONSIBLE PERSON'S DECLARATION STATEMENT Icentify the following under penalty of perjury, under the lows of the State of Colfornia: 1. The information provided on thic Cartificate of Compliance is true and correct. 2.1 an dighte under Dixion 3 of the Busines and Profession Code to accept responsibility for the building design or system design identified on this Cartificate of Compliance are consistent with the information provided on this Cartificate of Compliance are consistent with the information provided on this Cartificate of Compliance are consistent with the documentation the building owner at accept and applicable compliance are consistent with the information provided on the enforcement againation: 1. Viel Maurit Aut a completed signed copy of this Cartificate of Compliance shall be made available with the building generation is applicable compliance and profession Code ton accept responsible design or | A Building Energy Efficiency Standards- 2019 Nonr | residential Com | npliance | port Version: NRCC-PR | F-01-E-04282020-620 | 06 Report Gener |
| Project Address: 310 5. West Avenue Fresno 93657 Calculation Date/Time: 09.37, Fri, Jun 12, 2020 Input File Name: Fresno Environmental Compliance_V8_06.11.2020.cibd19x Calculation Date/Time: 09.37, Fri, Jun 12, 2020 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Fresno Environmental Compliance documentation is accurate and complete. Signature: June 3000000000000000000000000000000000000 | Project Address: 310 S. West Avenue Fresno 93657 Calculation Date/Time: 09.37, Fri, Jun 12, 2020 Input File Name: Fresno Environmental Compliance _V8_06.11.2020.clbd19x Calculation Date/Time: 09.37, Fri, Jun 12, 2020 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT result of this Certificate of Compliance decumentation is accurate and complete. Signature: June 3000000000000000000000000000000000000 | Project Address: 310 S. West Avenue Fresno 93657 Calculation Date/Time: 09-37, Fri, Jun 12, 2020 Input File Name: Presno Environmental Compliance _V8_06.11.2020.clbd19x Decumentation 09-37, Fri, Jun 12, 2020 JOCUMENTATION AUTHOR'S DECLARATION STATEMENT Insufficient of compliance documentation is accurate and complexe. Documentation Author Name: Creighont Whaley Signature: Company: Lawrence Engineering Group Address: 7084 North Maple Ave., Suite 101 Signature Date: 2020-06-12 CEX/HERS Certification Identification (if applicable): Phone: (559) 431-0101 CEX/HERS Certification Identification (if applicable): Interview of the State of Compliance and performance applicable compliance is true and correct. 1. The information provided on this Certificate of Compliance are consistent with the information provided on this Certificate of Compliance are consistent with the information provided on this Certificate of Compliance are consistent with the information provided on this Certificate of Compliance are consistent with the information provided on the certificate of Compliance are consistent with the information provided on the certificate of Compliance are consistent with the documentation the building design or system design identification of Compliance accurates true inspections. Lunders and performance for approval with this building permit(3) issued for the building owner at occupance to compliance is a compliance is required to be included with the documentation the building owner at occupance to compliance is a compliance is a compliance is a compliance is required to be included with the documentatin the somp | | | | | | |
| Input File Name: Fresno Environmental Compliance _V8_06.11.2020.clbd19x DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Leartify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Creighont Whaley Company: Lawrence Engineering Group Address: 7084 North Maple Ave, Suite 101 CEA/ HERS Certificate of Compliance documentation is accurate and complete. Decompany: Lawrence Engineering Group CEA/ HERS Certificate of Compliance documentation RESPONSIBLE PERSON'S DECLARATION STATEMENT Lordly the following under penalty of perfury, under the laws of the State of Collfornic: 1. The information provided on this Certificate of Compliance is true and correct. 2. La metiglice under Division 3 of the biances and rotes carget responsibility for the building design or system design identified on this Certificate of Compliance (responsible de 3. The enry features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance (responsible de 3. The enry features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance (responsible de 3. The enry features and performance specifications, materials, components, and manufactured devices for the building permit(s) issued for the building, and made awailable to the enforcement, inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the building permit(s) issued for the building owner at occupate Responsible Envelope Designer Name: Tiana L. Perez Company: Fresno CA 93721 The: Lucense #: C-38000 Responsible Envelope Designer Name: Michael D. Cantelmi, PE. Company: Lawrence Engineering Group Address: 2020 Juare Street, Eighte Floor City/State/Zip: Fresno CA 93721 Fhone: (S59) 600-4477 Thie: Lucense #: Responsible Mechanical Designer Name: Michael D. Cantelmi, PE. Co | Input File Name: Fresno Environmental Compliance _V8_06.11.2020.clbd19x DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Leartify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Creighont Whaley Company: Lawrence Engineering Group Address: 7084 North Maple Ave, Suite 101 Signature: Address: 2020-06-12 CEA/ HERS Certificate of Compliance (fragplicable): Phone: (559) 431-0101 Leartify that for this certificate of Collfornia: 1. The information provided on this Certificate of Collfornia: 1. The information provided on this Certificate of Compliance is true and correct. 2. In engligue metry busines and Profession Code to accept reprovability for the building design or system design identified on this Certificate of Compliance (responsible de 3. The engry features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance (responsible de 3. The engry features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance (responsible de 3. The engry features and performance specifications, materials, components, and manufactured devices for the building permit(s) issued for the building, and made available to the enforcement responsible Envelope Designer Name: Tiana L. Perez Company: Enson CA 93721 Hence: Signature: Company: Enson CA 93721 Hence: Signature: NOT IN SCOPE Company: Enson CA 93721 Hence: Signature: NOT IN SCOPE Company: Lawrence Engineering Group Address: 2020 Juliar Street, Eighten Filor City/State/Zip: Fresno CA 93720 Hence: Signature: MOT IN SCOPE Company: Lawrence Engineering Group Address: 2020 Juliar Street, Eighten Filor City/State/Zip: Fresno CA 93720 Hence: Signature: MOT IN SCOPE Company: Lawrence Engineering Group Address: 2020 Juliar Street, Eighten Filor City/State/Zip: Fresno CA 93720 Hence: Signature: Mot Address: 2084 North Maple | Input File Name: Fresno Environmental Compliance _V8_06.11.2020.clbd19x DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Leartify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Creighont Whaley Company: Lawrence Engineering Group Address: 7084 North Maple Ave, Suite 101 Signature: Address: 2020-06-12 CEA/ HERS Certificate of Compliance (fragplicable): Phone: (559) 431-0101 Leartify that for this certificate of Collfornia: 1. The information provided on this Certificate of Collfornia: 1. The information provided on this Certificate of Compliance is true and correct. 2. In engligue metry busines and Profession Code to accept reprovability for the building design or system design identified on this Certificate of Compliance (responsible de 3. The engry features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance (responsible de 3. The engry features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance (responsible de 3. The engry features and performance specifications, materials, components, and manufactured devices for the building permit(s) issued for the building, and made available to the enforcement responsible Envelope Designer Name: Tiana L. Perez Company: Enson CA 93721 Hence: Signature: Company: Enson CA 93721 Hence: Signature: NOT IN SCOPE Company: Enson CA 93721 Hence: Signature: NOT IN SCOPE Company: Lawrence Engineering Group Address: 2020 Juliar Street, Eighten Filor City/State/Zip: Fresno CA 93720 Hence: Signature: MOT IN SCOPE Company: Lawrence Engineering Group Address: 2020 Juliar Street, Eighten Filor City/State/Zip: Fresno CA 93720 Hence: Signature: MOT IN SCOPE Company: Lawrence Engineering Group Address: 2020 Juliar Street, Eighten Filor City/State/Zip: Fresno CA 93720 Hence: Signature: Mot Address: 2084 North Maple | | | nce Cent | | | |
| leertify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Creighont Whaley Company: Leurone Engineering Group Address: 7084 North Maple Ave., Suite 101 City/State/Zip. Fresno CA 93720 CEA/ HERS Certification Identification (if applicabile): There is 59) 431-010 CEA/ HERS Certification Identification (if applicabile): Tertify the following under people of perjury, under the lows of the State of Colffornice: 1. The information provided on this Certificate of Compliance is true and correct. 2. I are lightle under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance are consistent with the information provided on this Certificate of Compliance are consistent with the information provided on other applicabile to the certificate of Compliance are consistent with the information provided on other applicable to compliance design or system design identified on this Certificate of Compliance are consistent with the information provided on other applicable to compliance are consistent with the information provided on other applicable to compliance as all be made available with the building persisting issue for the building, and made available to the enforcement applicabile. 5. I will ensure that a complieted signed copy of this Certificate of Compliance are greatered to be included with the building persisting issue for the building owner at occupar Responsible Envelope Designer Name: Tana L. Perez Company: Fresno County Department of Public Works and Planning City/State/Zip: Fresno CA 93721 Phone: (SSD 900-4477 Engense: Signature: NOT IN SCOPE Company: Leurone Engineering Group Address: 2004 Unter State 101 City/State/Zip: Fresno CA 93720 Phone: Company: Leurone Engineering Group Address: 2004 Unter State 101 City/State/Zip: Fresno CA 93720 Phone: Company: Leurone Engineering Group Address: 7084 North Maple Avenue, Suite 101 City/State/Zip | leertify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Creighont Whaley Company: Leurone Engineering Group Address: 7084 North Maple Ave., Suite 101 City/State/Zip. Fresno CA 93720 CEA/ HERS Certification Identification (if applicabile): There is 59) 431-010 CEA/ HERS Certification Identification (if applicabile): Tertify the following under people of perjury, under the lows of the State of Colffornice: 1. The information provided on this Certificate of Compliance is true and correct. 2. I are lightle under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance are consistent with the information provided on this Certificate of Compliance are consistent with the information provided on other applicabile to the certificate of Compliance are consistent with the information provided on other applicable to compliance design or system design identified on this Certificate of Compliance are consistent with the information provided on other applicable to compliance are consistent with the information provided on other applicable to compliance as all be made available with the building persisting issue for the building, and made available to the enforcement applicabile. 5. I will ensure that a complieted signed copy of this Certificate of Compliance are greatered to be included with the building persisting issue for the building owner at occupar Responsible Envelope Designer Name: Tana L. Perez Company: Fresno County Department of Public Works and Planning City/State/Zip: Fresno CA 93721 Phone: (SSD 900-4477 Engense: Signature: NOT IN SCOPE Company: Leurone Engineering Group Address: 2004 Unter State 101 City/State/Zip: Fresno CA 93720 Phone: Company: Leurone Engineering Group Address: 2004 Unter State 101 City/State/Zip: Fresno CA 93720 Phone: Company: Leurone Engineering Group Address: 7084 North Maple Avenue, Suite 101 City/State/Zip | leertify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Creighont Whaley Company: Leurone Engineering Group Address: 7084 North Maple Ave., Suite 101 City/State/Zip. Fresno CA 93720 CEA/ HERS Certification Identification (if applicabile): There is 59) 431-010 CEA/ HERS Certification Identification (if applicabile): Tertify the following under people of perjury, under the lows of the State of Colffornice: 1. The information provided on this Certificate of Compliance is true and correct. 2. I are lightle under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance are consistent with the information provided on this Certificate of Compliance are consistent with the information provided on other applicabile to the certificate of Compliance are consistent with the information provided on other applicable to compliance design or system design identified on this Certificate of Compliance are consistent with the information provided on other applicable to compliance are consistent with the information provided on other applicable to compliance as all be made available with the building persisting issue for the building, and made available to the enforcement applicabile. 5. I will ensure that a complieted signed copy of this Certificate of Compliance are greatered to be included with the building persisting issue for the building owner at occupar Responsible Envelope Designer Name: Tana L. Perez Company: Fresno County Department of Public Works and Planning City/State/Zip: Fresno CA 93721 Phone: (SSD 900-4477 Engense: Signature: NOT IN SCOPE Company: Leurone Engineering Group Address: 2004 Unter State 101 City/State/Zip: Fresno CA 93720 Phone: Company: Leurone Engineering Group Address: 2004 Unter State 101 City/State/Zip: Fresno CA 93720 Phone: Company: Leurone Engineering Group Address: 7084 North Maple Avenue, Suite 101 City/State/Zip | | | 8_06.11. | | ulation Date/Time: | บ9:37, Fri, Jun 12, 2020 |
| bocumentation Author Name: Creighont Whaley Signature: Lawrence Engineering Group Signature 2 Date: 2020-06-12 CEA/ HERS Certification Identification (if applicable): hnee: (559) 431-0101 KESPONSIBLE PERSON'S DECLARATION STATEMENT Identify the following under penalty of perjury, under the laws of the State of Colifornia: 1. The Information provided on this Certificate of Compliance is true and correct. 2. La meligible under Division 3 of the underson Scote Date Signature are consistent design identified on this Certificate of Compliance (responsible date in the 2. Art 1 and responsible to the Information provided on this Certificate of Compliance is true and correct. 3. The Information provided on this Certificate of Compliance is true and correct. 4. The Building design features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance is true and correct. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the information provided on other applicable. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the building permit application. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the building permit application. 5. I will essente that a completed signed corry of this Certificate of Compliance is required to be included with the documentation the building owner at occupa tesponsible Envelope Designer Name: Tima L. Perez 5. Signature: 5. Si | bocumentation Author Name: Creighont Whaley Signature: Lawrence Engineering Group Signature 2 Date: 2020-06-12 CEA/ HERS Certification Identification (if applicable): hnee: (559) 431-0101 KESPONSIBLE PERSON'S DECLARATION STATEMENT Identify the following under penalty of perjury, under the laws of the State of Colifornia: 1. The Information provided on this Certificate of Compliance is true and correct. 2. La meligible under Division 3 of the underson Scote Date Signature are consistent design identified on this Certificate of Compliance (responsible date in the 2. Art 1 and responsible to the Information provided on this Certificate of Compliance is true and correct. 3. The Information provided on this Certificate of Compliance is true and correct. 4. The Building design features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance is true and correct. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the information provided on other applicable. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the building permit application. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the building permit application. 5. I will essente that a completed signed corry of this Certificate of Compliance is required to be included with the documentation the building owner at occupa tesponsible Envelope Designer Name: Tima L. Perez 5. Signature: 5. Si | bocumentation Author Name: Creighont Whaley Signature: Lawrence Engineering Group Signature 2 Date: 2020-06-12 CEA/ HERS Certification Identification (if applicable): hnee: (559) 431-0101 KESPONSIBLE PERSON'S DECLARATION STATEMENT Identify the following under penalty of perjury, under the laws of the State of Colifornia: 1. The Information provided on this Certificate of Compliance is true and correct. 2. La meligible under Division 3 of the underson Scote Date Signature are consistent design identified on this Certificate of Compliance (responsible date in the 2. Art 1 and responsible to the Information provided on this Certificate of Compliance is true and correct. 3. The Information provided on this Certificate of Compliance is true and correct. 4. The Building design features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance is true and correct. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the information provided on other applicable. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the building permit application. 5. I will essente that a completed signed corry of this Certificate of Compliance are consistent with the building permit application. 5. I will essente that a completed signed corry of this Certificate of Compliance is required to be included with the documentation the building owner at occupa tesponsible Envelope Designer Name: Tima L. Perez 5. Signature: 5. Si | | | | | | |
| ddress: 7084 North Maple Ave., Suite 101 Signature Date: 2020-06-12 tty/State/Zip: Fresno CA 93720 CEA/ HERS Certification Identification (if applicable): bene: (559) 431-010 CEA/ HERS Certification Identification (if applicable): CEA/ HERS Certification Identification Identification (if applicable): CEA/ HERS Certification Identification Identification Identification (if applicable): CEA/ HERS Certification Identification Identificat | ddress: 7084 North Maple Ave., Suite 101 Signature Date: 2020-06-12 tty/State/Zip: Fresno CA 93720 CEA/ HERS Certification Identification (if applicable): bene: (559) 431-010 CEA/ HERS Certification Identification (if applicable): CEA/ HERS Certification Identification Identification (if applicable): CEA/ HERS Certification Identification Identification Identification (if applicable): CEA/ HERS Certification Identification Identificat | ddress: 7084 North Maple Ave., Suite 101 Signature Date: 2020-06-12 tty/State/Zip: Fresno CA 93720 CEA/ HERS Certification Identification (if applicable): bene: (559) 431-010 CEA/ HERS Certification Identification (if applicable): CEA/ HERS Certification Identification Identification (if applicable): CEA/ HERS Certification Identification Identification Identification (if applicable): CEA/ HERS Certification Identification Identificat | ocumentation Author Name: Creighont Whaley | ,3 accurate and | . complet | Signature: 🖌 | 1 to la | 1/2 |
| hone: (559) 431-0101 ESPONSIBLE PERSON'S DECLARATION STATEMENT Certify the following under penalty of perjury, under the laws of the State of Colifornia: I. The information provided on this Certificate of Compliance is true and correct. I. an eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsibile de i. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance correct devices for the building design or system design identified on this Certificate of Compliance state at a completed signed copy of this Certificate of Compliance are consistent with the information provided on other applicable compliance devices is required to be included with the building permits (s) issued for the building, and made available to the enforcement agency for approval with this building permits (s) issued for the building, and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approximation to be induced with the documentation the builder provides to the building owner at accurate approximation with the information provided on other applicable. The provides the building design of a provides to the building owner at accurate approximation. The provides to the enforcement is required to be included with the documentation the builder | hone: (559) 431-0101 ESPONSIBLE PERSON'S DECLARATION STATEMENT Certify the following under penalty of perjury, under the laws of the State of Colifornia: I. The information provided on this Certificate of Compliance is true and correct. I. an eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsibile de i. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance correct devices for the building design or system design identified on this Certificate of Compliance state at a completed signed copy of this Certificate of Compliance are consistent with the information provided on other applicable compliance devices is required to be included with the building permits (s) issued for the building, and made available to the enforcement agency for approval with this building permits (s) issued for the building, and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approximation to be induced with the documentation the builder provides to the building owner at accurate approximation with the information provided on other applicable. The provides the building design of a provides to the building owner at accurate approximation. The provides to the enforcement is required to be included with the documentation the builder | hone: (559) 431-0101 ESPONSIBLE PERSON'S DECLARATION STATEMENT Certify the following under penalty of perjury, under the laws of the State of Colifornia: I. The information provided on this Certificate of Compliance is true and correct. I. an eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsibile de i. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance correct devices for the building design or system design identified on this Certificate of Compliance state at a completed signed copy of this Certificate of Compliance are consistent with the information provided on other applicable compliance devices is required to be included with the building permits (s) issued for the building, and made available to the enforcement agency for approval with this building permits (s) issued for the building, and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approval with this building permits (s) issued for the building and made available to the enforcement agency for approximation to be induced with the documentation the builder provides to the building owner at accurate approximation with the information provided on other applicable. The provides the building design of a provides to the building owner at accurate approximation. The provides to the enforcement is required to be included with the documentation the builder | ddress: 7084 North Maple Ave., Suite 101 | | | Signature Da | te: 2020-06-12 | |
| ESPONSIBLE PERSON'S DECLARATION STATEMENT icertify the following under penalty of perjury, under the laws of the State of California: 1. In the information provided on this Certificate of Compliance is true and correct. 1. The information provided on this Certificate of Compliance is true and correct. 1. The building design or system design identified on this Certificate of Compliance (responsible de filed on this Certificate of Compliance of the State of the California Code of Regulations. 1. The building design features or system design elarnes identified on this Certificate of Compliance are consistent with the building permit(s) issued for the building, and made available with the building permit(s) issued for the building, and made available with the building permit(s) issued for the building owner at occupate system design elarnes (certificate of Compliance is required to be included with the documentation the builder provides to the enforcement. Signature: Signature: Ompany: Fresno County Department of Public Works and Planning Signature: NOT IN SCOPE ddress: Date Signed Name: Signature: NOT IN SCOPE ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: Signature: ompany: Signature: Signature: ompany: | ESPONSIBLE PERSON'S DECLARATION STATEMENT icertify the following under penalty of perjury, under the laws of the State of California: 1. In the information provided on this Certificate of Compliance is true and correct. 1. The information provided on this Certificate of Compliance is true and correct. 1. The building design or system design identified on this Certificate of Compliance (responsible de filed on this Certificate of Compliance of the State of the California Code of Regulations. 1. The building design features or system design elarnes identified on this Certificate of Compliance are consistent with the building permit(s) issued for the building, and made available with the building permit(s) issued for the building, and made available with the building permit(s) issued for the building owner at occupate system design elarnes (certificate of Compliance is required to be included with the documentation the builder provides to the enforcement. Signature: Signature: Ompany: Fresno County Department of Public Works and Planning Signature: NOT IN SCOPE ddress: Date Signed Name: Signature: NOT IN SCOPE ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: Signature: ompany: Signature: Signature: ompany: | ESPONSIBLE PERSON'S DECLARATION STATEMENT icertify the following under penalty of perjury, under the laws of the State of California: 1. In the information provided on this Certificate of Compliance is true and correct. 1. The information provided on this Certificate of Compliance is true and correct. 1. The building design or system design identified on this Certificate of Compliance (responsible de filed on this Certificate of Compliance of the State of the California Code of Regulations. 1. The building design features or system design elarnes identified on this Certificate of Compliance are consistent with the building permit(s) issued for the building, and made available with the building permit(s) issued for the building, and made available with the building permit(s) issued for the building owner at occupate system design elarnes (certificate of Compliance is required to be included with the documentation the builder provides to the enforcement. Signature: Signature: Ompany: Fresno County Department of Public Works and Planning Signature: NOT IN SCOPE ddress: Date Signed Name: Signature: NOT IN SCOPE ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: NOT IN SCOPE Signature: ompany: Signature: Signature: ompany: Signature: Signature: ompany: | | | | CEA/ HERS C | ertification Identifica | ation (if applicable): |
| 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance on of Title 42, Part 1 and Part 6 of the California Code of Regulations. A the building design features or system design identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, wor plans and specifications submitted to the enforcement agency for approval with this building permit application. 1. Vill ensure that a completed signed corps of this Certificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with this building permit application. 1. Vill ensure that a completed signed corps of this Certificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with this building permit application. 1. Vill ensure that a completed signed corps of this Certificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with this building permit application. 2. Vill ensure that a completed signed corps of this Certificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with the information provides to the building owner at occupance escapes and the enforcement agency for approval to be enforcement agency for | 1. The information provided on this Certificate of Compliance is true and correct. 2. I an eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance constraint with the information provided on other applicable compliance documents, worplans and specifications submitted to the california Code of Regulations. A. The building design features or system design identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worplans and specifications submitted to the enforcement agency for approval with this building permit application. S. I understand that a completed signed coay of this Certificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with this building permit application. S. I understand that a completed signed coay of this Certificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with this building permit application. S. I understand that a completed signed coay of this Certificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with this building permit application. Signature: Company: Fresno County Department of Public Works and Planning Address: 2220 Tulare Street, Eighth Floor Date Signed: CitryState/Zip: Fresno CA 93721 Phone: (S59) 600-4477 Company: Address: Company: Company: Address: Company: Company: Company: Company: CitryState/Zip: Phone: Signature: | 1. The Information provided on this Cartificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Cartificate of Compliance corr of Title 24, Part 1 and Part 6 of the California Code of Regulations, and manufactured devices for the building design or system design identified on this Cartificate of Compliance are consistent with the information provided on other applicable compliance documents, won plans and specifications submitted to the enforcement agency for approval with this building permit application. 3. I valid ensign education of this Cartificate of Compliance is required to be included with the documentation the building, and made available to the enforcement agency for approval with this building permit application. 3. I valid ensity that a completed signed copy of this Cartificate of Compliance is required to be included with the documentation the building provides to the building owner at occupant inspections. I understand that a completed signed copy of this Cartificate of Compliance is required to be included with the documentation the building provides to the building owner at occupant inspections. I understand that a completed signed copy of this Cartificate of Compliance is required to be included with the documentation the building provides to the building owner at occupant inspections. I understand that a completed signed copy of this Cartificate of Compliance as Carginators. Signature: Company: Fresno County Department of Public Works and Planning Address: 2220 Tulare Street, Eighth Floor City/State/Zip: Fresno CA 93721 Phone: (S59) 600-4477 Phone: Company: Address: NOT IN SCOPE Company: Lawrence Engineering Forup Address: 7084 North Maple Avenue, Suite 101 Chyr State/Zip: Fresno CA 93720 Phone: (S59) 431-0101 Phone: (S59) 431-0101 Phone: (S59) 431-0101 Phone: (S59) 431-0101 Phone: (S59) 431-0101 Phone: (S59) 431-0101 Phone: (S59) 431 | RESPONSIBLE PERSON'S DECLARATION STATI | | | ł | | |
| Phone: (559) 600-4477 Title: License #: C-38000 Responsible Lighting Designer Name: Signature: NOT IN SCOPE Signature: NOT IN SCOPE Company: Date Signed: Company: Address: Date Signed: Company: City/State/Zip: Date Signed: Conse #: C-38000 Phone: Date Signed: Conse #: C-38000 Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. License #: Company: Lawrence Engineering Group Address: 7084 North Maple Avenue, Suite 101 Date Signed: Company: City/State/Zip: Fresno CA 93720 Phone: (559) 431-0101 Title: License #: M23588 | Phone: (559) 600-4477Title:License #: C-38000Responsible Lighting Designer Name: Company:Signature: NOT IN SCOPEAddress:Date Signed:Address:Date Signed:City/State/Zip:Itel:Phone:Title:Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Company: Lawrence Engineering GroupSignature:Address: 7084 North Maple Avenue, Suite 101Date Signed:City/State/Zip: Fresno CA 93720Title:Phone: (559) 431-0101Title:License #: M23588 | Phone: (559) 600-4477Title:License #: C-38000Responsible Lighting Designer Name: Company:Signature: NOT IN SCOPEAddress:Date Signed:City/State/Zip:Date Signed:Phone:Title:Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Company: Lawrence Engineering GroupSignature:Address: 7084 North Maple Avenue, Suite 101Date Signed:City/State/Zip: Fresno CA 93720Title:License #: M23588Phone: (559) 431-0101Title:License #: M23588 | plans and specifications submitted to the enforcement a 5. I will ensure that a completed signed copy of this Cer- inspections. I understand that a completed signed copy Responsible Envelope Designer Name: Tiana L. Per Company: Fresno County Department of Public Wo | agency for appro tificate of Compli of this Certificate rez | oval with t liance sha te of Comp | rmit application. lable with the building per red to be included with the Signature: | rmit(s) issued for the b e documentation the b | uilding, and made available to the enfo |
| Signature: NOT IN SCOPEAddress:Date Signed:City/State/Zip:Date Signed:Phone:Title:Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E.Signature:Company: Lawrence Engineering GroupSignature:Address: 7084 North Maple Avenue, Suite 101Date Signed:City/State/Zip: Fresno CA 93720Title:Phone: (559) 431-0101Title:License #: M23588 | Signature: NOT IN SCOPEAddress:Date Signed:City/State/Zip:Date Signed:Phone:Title:Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Company: Lawrence Engineering GroupSignature:Address: 7084 North Maple Avenue, Suite 101Date Signed:City/State/Zip: Fresno CA 93720Date Signed:Phone: (559) 431-0101Title:License #: M23588 | Company:Signature: NOT IN SCOPEAddress:Date Signed:City/State/Zip:Date Signed:Phone:Title:Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Company: Lawrence Engineering GroupSignature:Address: 7084 North Maple Avenue, Suite 101Date Signed:City/State/Zip: Fresno CA 93720Date Signed:Phone: (559) 431-0101Title:License #: M23588 | | | | Title: | | License #: C-380 |
| Address:Date Signed:City/State/Zip: | Address:Date Signed:City/State/Zip:Phone:Title:License #:Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Company: Lawrence Engineering GroupSignature:Address: 7084 North Maple Avenue, Suite 101Date Signed:City/State/Zip: Fresno CA 93720Date Signed:Phone: (559) 431-0101Title:License #: M23588 | Address: Date Signed: City/State/Zip: | | | | Signature: N | OT IN SCOPE | |
| Phone: Title: License #: Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Bagnature: Signature: Company: Lawrence Engineering Group Date Signed: Signed: Address: 7084 North Maple Avenue, Suite 101 Date Signed: Signed: City/State/Zip: Fresno CA 93720 Signed: Signed: Phone: (559) 431-0101 Title: License #: M23588 | Phone: Title: License #: Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Bagnature: Signature: Company: Lawrence Engineering Group Date Signed: Signed: Address: 7084 North Maple Avenue, Suite 101 Date Signed: Signed: City/State/Zip: Fresno CA 93720 Signed: Signed: Phone: (559) 431-0101 Title: License #: M23588 | Phone: Title: License #: Responsible Mechanical Designer Name: Michael D. Cantelmi, P.E. Bagnature: Signature: Company: Lawrence Engineering Group Date Signed: Signed: Address: 7084 North Maple Avenue, Suite 101 Date Signed: Signed: City/State/Zip: Fresno CA 93720 Signed: Signed: Phone: (559) 431-0101 Title: License #: M23588 | Address: | | | Date Signed: | | |
| Company: Lawrence Engineering Group Signature: Address: 7084 North Maple Avenue, Suite 101 Date Signed: City/State/Zip: Fresno CA 93720 Image: City/State/Signed: Phone: (559) 431-0101 Title: License #: M23588 | Company: Lawrence Engineering Group Signature: Address: 7084 North Maple Avenue, Suite 101 Date Signed: City/State/Zip: Fresno CA 93720 Image: City/State/Signed: Phone: (559) 431-0101 Title: License #: M23588 | Company: Lawrence Engineering Group Signature: Address: 7084 North Maple Avenue, Suite 101 Date Signed: City/State/Zip: Fresno CA 93720 Image: City/State/Signed: Phone: (559) 431-0101 Title: License #: M23588 | | | | Title: | | License #: |
| Address: 7084 North Maple Avenue, Suite 101 Date Signed: City/State/Zip: Fresno CA 93720 License #: M23588 Phone: (559) 431-0101 Title: License #: M23588 | Address: 7084 North Maple Avenue, Suite 101 Date Signed: City/State/Zip: Fresno CA 93720 License #: M23588 Phone: (559) 431-0101 Title: License #: M23588 | Address: 7084 North Maple Avenue, Suite 101 Date Signed: City/State/Zip: Fresno CA 93720 License #: M23588 Phone: (559) 431-0101 Title: License #: M23588 | | D. Cantelmi, P.E | E. | Signature: | | |
| Phone: (559) 431-0101 Title: License #: M23588 | Phone: (559) 431-0101 Title: License #: M23588 | Phone: (559) 431-0101 Title: License #: M23588 | Address: 7084 North Maple Avenue, Suite 101 | | | Date Signed: | | |
| A Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206 Report Generated at: | A Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206 Report Generated at: | A Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-04282020-6206 Report Generated at: | | | | Title: | | License #: M235 |
| | | | A Building Energy Efficiency Standards- 2019 Nonr | residential Com | npliance | port Version: NRCC-PR | F-01-E-04282020-620 | 06 Report Gener |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

2

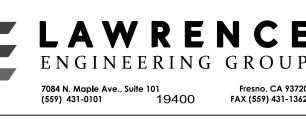
3

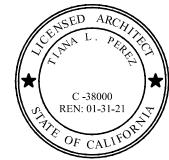
4

5

| 1 / | I | 8 | 0 | I | 10 | 11 | I | 12 | 13 | 14 | 1 1 | | |
|--|--|---|---|--|--|---|--|--|--|--|--|------------|--|
| | | U | _ ¥ | I | 10 | I II | I | 12 | 15 | 14 | 1 | , <u> </u> | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| me: Fresno County Environme | ental Compliance Center | | NRCC-PRF-01-E Page 10 of 1 | 4 | | Project Name: | Fresno County Envi | vironmental Compliance Cer | nter NRCC-PRF-01-E | Page 9 of 14 | | | |
| dress: 310 S. West Avenue Fresr | | 140 | Calculation Date/Time: 09:37, Fri, Ju | un 12, 2020 | | Project Address | | | Calculation Dat | te/Time: 09:37, Fri, Jun 12, 2020 | | _ | |
| ne: Fresno Environmental Co | mpliance _V8_ 06.11.2020.cib | 119x | | | | Input File Name | e: Fresno Environmen | ntal Compliance _V8_ 06.11 | 1.2020.cibd19x | | | | |
| ATION OF REQUIRED CERTIFICATES | OF INSTALLATION | | | | | N. INDOOR LI | GHTING SUMMARY §140.6 | 6 | | | | | |
| | | | icates of Installation must be submit construction and can be found online | | s to be recognized for | This Sectior | n Does Not Apply | | | | | | |
| vw.energy.ca.gov/title24/2019stand | | | | | | | | | | | | | |
| Building Component | YES NO | | Form/Title | | Field Inspec | | | | | | | | |
| building component | | | romy nue | | Pass F | | | | | | | | |
| Envelope | | | | | | | | | | | | | |
| Mechanical | NRCI-MCH | | | | | | | | | | | | |
| | | | ed for high-rise residential and hotel/ mo | otel central hot water | r distribution | | | | | | | | |
| | systems to | be recognized for com | pliance | | | | | | | | | | |
| Plumbing | | | ed for high-rise residential and hotel/mo e recognized for compliance | otel single dwelling un | nit hot water | | | | | | | | |
| ~ | | | rified for central systems in high-rise res | | | | | | | | | | |
| | D NRCI-PLB-2 application | | rified for single dwelling unit systems in | high-rise residential, | hotel/motel | | | | | | | | |
| | | | ed for solar hot water heating systems | | | | | | | | | | |
| | NRCI-LTI-02 | | | | | | | | | | | | |
| | I NRCI-LTI-02 (EMCS) to | E - Must be submitted e recognized for comp | d for a lighting control system, or for an pliance | Energy Management | t Control System | | | | | | | | |
| Indoor Lighting | | | d for two interlocked systems serving an | | ention center, a | | | | | | | | |
| | | | e room, or a theater to be recognized for d for a Power Adjustment Factor (PAF) to | | ompliance 🗌 | | | | | | | | |
| | | | d for additional wattage installed in a vio | | dia ta ha | | | | | | | | |
| Covered Process | | for compliance | ed for all Covered Processes | | | | | | | | | | |
| | | | | | I | | | | | | | | |
| Energy Efficiency Standards- 2019 Nonre | esidential Compliance | Report Version: NRC | CC-PRF-01-E-04282020-6206 | Report General | ited at: 2020-06-12 09:37:38 | 38 CA Building Ener | rgy Efficiency Standards- 2019 | 9 Nonresidential Compliance | e Report Version: NRCC-PRF-01-E-0428 | 82020-6206 Report | Generated at: 2020-06-12 09:37:3 | | |
| ergy Efficiency Standards- 2019 Nonre | esidential Compliance | Report Version: NRC | CC-PRF-01-E-04282020-6206 | Report General | ited at: 2020-06-12 09:37:38 | 38 CA Building Ener | rgy Efficiency Standards- 2019 | 9 Nonresidential Compliance | e Report Version: NRCC-PRF-01-E-0428 | 82020-6206 Report | Generated at: 2020-06-12 09:37:3 | | |
| : Fresno County Environme | ental Compliance Center | Report Version: NRC | NRCC-PRF-01-E Page 13 of 1 | 4 | ited at: 2020-06-12 09:37:38 | Project Name: | Fresno County Envi | vironmental Compliance Ce | nter NRCC-PRF-01-E | E Page 12 of 14 | Generated at: 2020-06-12 09:37:3 | | |
| Fresno County Environme ss: 310 S. West Avenue Fresr | ental Compliance Center no 93657 | | | 4 | ited at: 2020-06-12 09:37:3 | Project Name: Project Address | Fresno County Envi | vironmental Compliance Cel ue Fresno 93657 | nter NRCC-PRF-01-E Calculation Dat | E Page 12 of 14 | Generated at: 2020-06-12 09:37:3 | | |
| ne: Fresno County Environme iress: 310 S. West Avenue Fresr ame: Fresno Environmental Co | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib | | NRCC-PRF-01-E Page 13 of 1 | 4 | ited at: 2020-06-12 09:37:3 | Project Name: Project Address Input File Name | Fresno County Envi 310 S. West Avenue Fresno Environmen | vironmental Compliance Cer ue Fresno 93657 ental Compliance _V8_ 06.12 | nter NRCC-PRF-01-E Calculation Dat | E Page 12 of 14 | Generated at: 2020-06-12 09:37:3 | | |
| e: Fresno County Environme ress: 310 S. West Avenue Fresn rme: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib OF VERIFICATION | d19x | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju | .4 un 12, 2020 | | Project Name: Project Address Input File Name P. DECLARATION | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC | vironmental Compliance Cer ue Fresno 93657 Intal Compliance _V8_ 06.11 CATES OF ACCEPTANCE | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x | E Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 | | | |
| e: Fresno County Environme ess: 310 S. West Avenue Fresn me: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES ctions: Selections shall be made by . These documents bust be retained | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib OF VERIFICATION Documentation Author to i d and provided to the buildi | 119x ndicate which Certifi ng inspector during c | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju Calculation Date/Time: 09:37, Fri, Ju Date: 09:37 | 14 un 12, 2020 tted for the features | | Project Name: Project Address Input File Name P. DECLARATI Table Instruct compliance. T | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be main these documents must be provided the set of the s | vironmental Compliance Cer ue Fresno 93657 ental Compliance _V8_ 06.12 CATES OF ACCEPTANCE ade by Documentation A provided to the building in | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the for properties of the submitted for the formation of the submitted for th | eatures to be recognized for Fest Technician Certification | | |
| res: Fresno County Environme ress: 310 S. West Avenue Fresn ame: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES actions: Selections shall be made by p. These documents bust be retained | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib OF VERIFICATION Documentation Author to i d and provided to the buildi | 119x ndicate which Certifi ng inspector during c | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju Calculation Date/Time: 09:37, Fri, Ju Date: 09:37 | 14 un 12, 2020 tted for the features | | Project Name: Project Address Input File Name P. DECLARATI Table Instruct compliance. T Provider (ATT | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be main these documents must be provided the set of the s | vironmental Compliance Cer ue Fresno 93657 ental Compliance _V8_ 06.12 CATES OF ACCEPTANCE ade by Documentation A provided to the building in | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the for properties of the submitted for the formation of the submitted for th | eatures to be recognized for Fest Technician Certification | | |
| e: Fresno County Environme ess: 310 S. West Avenue Fresn me: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES ictions: Selections shall be made by . These documents bust be retained | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib OF VERIFICATION Documentation Author to i d and provided to the buildi | 119x ndicate which Certifi ng inspector during c | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju Calculation Date/Time: 09:37, Fri, Ju Date: 09:37 | 14 un 12, 2020 tted for the features | s to be recognized for Field | Project Name: Project Address Input File Name P. DECLARATI Table Instruct. compliance. T Provider (ATT) | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be main these documents must be provided the set of the s | vironmental Compliance Cer ue Fresno 93657 ental Compliance _V8_ 06.12 CATES OF ACCEPTANCE ade by Documentation A provided to the building in | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep nspector during construction and must be co 0.ca.gov/title24/2019standards/2019_compl | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the for properties of the submitted for the formation of the submitted for th | eatures to be recognized for Test Technician Certification | | RED PR |
| e: Fresno County Environme ess: 310 S. West Avenue Fresr me: Fresno Environmental Co TION OF REQUIRED CERTIFICATES ctions: Selections shall be made by These documents bust be retained w.energy.ca.gov/title24/2019stand | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib c OF VERIFICATION Documentation Author to in and provided to the buildi lards/2019_compliance_do | d19x ndicate which Certifi ng inspector during c numents/Nonresiden | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Jule Ficates of Verification must be submit construction and can be found online intial_Documents/NRCV/ Form/Title | 14 un 12, 2020 tted for the features | s to be recognized for Field Inspec Pass F | Project Name: Project Address Input File Name P. DECLARATI Table Instruct. compliance. T Provider (ATTO Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceru ue Fresno 93657 Intal Compliance _V8_ 06.11 CATES OF ACCEPTANCE ade by Documentation Ato provided to the building in visit:https://www.energy | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co 0.ca.gov/title24/2019standards/2019_compl | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the for popleted through an Acceptance liance_documents/Nonresidentian | eatures to be recognized for Test Technician Certification Documents/NRCA/ Field Inspec Pass F | | STREE PRO |
| e: Fresno County Environme ess: 310 S. West Avenue Fresr me: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES inctions: Selections shall be made by . These documents bust be retained w.energy.ca.gov/title24/2019stand Building Component | ental Compliance Center no 93657 impliance _V8_ 06.11.2020.cib of VERIFICATION Documentation Author to a d and provided to the buildi lards/2019_compliance_do | d19x ndicate which Certifi ng inspector during o numents/Nonresiden | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju Calcu | 14 un 12, 2020 tted for the features | s to be recognized for Field | Project Name: Project Address Input File Name P. DECLARATION Table Instructor compliance. T Provider (ATTO Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceru ue Fresno 93657 Intal Compliance _V8_ 06.11 CATES OF ACCEPTANCE ade by Documentation Ato provided to the building in visit:https://www.energy YES NO | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co v.ca.gov/title24/2019standards/2019_compl IRCA-MCH-02-A Outdoor Air must be submitted f performed in conjunction with MCH-07-A Supply | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f pompleted through an Acceptance liance_documents/Nonresidentia Form/Title | eatures to be recognized for Test Technician Certification Documents/NRCA/ Field Inspec Pass F te: MCH02-A can be | | STREET PRI |
| e: Fresno County Environme ress: 310 S. West Avenue Fresr ame: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES actions: Selections shall be made by p. These documents bust be retained w.energy.ca.gov/title24/2019stand | ental Compliance Center no 93657 Impliance _V8_ 06.11.2020.cib S OF VERIFICATION Documentation Author to in and provided to the buildi lards/2019_compliance_do YES NO YES NO | 119x Indicate which Certifi inspector during of suments/Nonresiden -04-H Duct Leakage Te -24-H Enclosure Air Le -27 Indoor Air Quality | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Jule iicates of Verification must be submit construction and can be found online intial_Documents/NRCV/ Form/Title est eakage & Mechanical Ventilation | 14 un 12, 2020 tted for the features | s to be recognized for Field Inspec Pass F | Project Name: Project Address Input File Name P. DECLARATION Table Instruct. compliance. T Provider (ATTON Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Cerue Fresno 93657 Intal Compliance _V8_ 06.11 CATES OF ACCEPTANCE ade by Documentation Ato provided to the building in visit:https://www.energy YES NO | IRCA-MCH-02-A Outdoor Air must be submitted further to indicate which Certificates of Accept IRCA-MCH-02-A Outdoor Air must be submitted further formed in conjunction with MCH-07-A Supply further formed in conj | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f ompleted through an Acceptance liance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin | eatures to be recognized for Test Technician Certification Documents/NRCA/ Pass F te: MCH02-A can be nee testing activities | | Makent |
| e: Fresno County Environme ress: 310 S. West Avenue Fresr ime: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES inctions: Selections shall be made by p. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component | ental Compliance Center no 93657 Impliance _V8_ 06.11.2020.clb Cof VERIFICATION Documentation Author to Id and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO I I I I I I I I I I I I I I I I I I I | d19x ndicate which Certifing inspector during of suments/Nonresiden -04-H Duct Leakage Te -24-H Enclosure Air Le -27 Indoor Air Quality -32-H Local Mechanica | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Jule iicates of Verification must be submit construction and can be found online intial_Documents/NRCV/ Form/Title est east | 4 un 12, 2020 tted for the features e at: | s to be recognized for Field Inspec Pass F C C C C C C C C C C C C C | Project Name: Project Address Input File Name P. DECLARATION Table Instructs compliance. T Provider (ATTO Fail Ind Ind <t< td=""><td>Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v</td><td>vironmental Compliance Ceru ue Fresno 93657 Ental Compliance _V8_ 06.12 CATES OF ACCEPTANCE ade by Documentation Au provided to the building in visit:https://www.energy YES NO YES NO</td><td>nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep inspector during construction and must be co 0.ca.gov/title24/2019standards/2019_compl IRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply I verlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage</td><td>Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the formpleted through an Acceptance liance_documents/Nonresidentia Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required</td><td>eatures to be recognized for Test Technician Certification Documents/NRCA/ Field Inspec Pass F te: MCH02-A can be nce testing activities</td><td></td><td>Making</td></t<> | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceru ue Fresno 93657 Ental Compliance _V8_ 06.12 CATES OF ACCEPTANCE ade by Documentation Au provided to the building in visit:https://www.energy YES NO YES NO | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep inspector during construction and must be co 0.ca.gov/title24/2019standards/2019_compl IRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply I verlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the formpleted through an Acceptance liance_documents/Nonresidentia Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required | eatures to be recognized for Test Technician Certification Documents/NRCA/ Field Inspec Pass F te: MCH02-A can be nce testing activities | | Making |
| ne: Fresno County Environme ress: 310 S. West Avenue Fresr ame: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES uctions: Selections shall be made by e. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component | ental Compliance Center no 93657 mpliance _V8_06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceru ue Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Ato provided to the building in visit:https://www.energy YES NO | IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the formpleted through an Acceptance liance_documents/Nonresidentia Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required | eatures to be recognized for Test Technician Certification Documents/NRCA/ Pass F te: MCH02-A can be nce testing activities | | Making |
| ne: Fresno County Environme dress: 310 S. West Avenue Fresr lame: Fresno Environmental Co RATION OF REQUIRED CERTIFICATES ructions: Selections shall be made by the These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing | ental Compliance Center no 93657 mpliance _V8_06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Jule iicates of Verification must be submit construction and can be found online intial_Documents/NRCV/ Form/Title est east | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceruse Fresno 93657 Intal Compliance _V8_06.13 CATES OF ACCEPTANCE ade by Documentation Autorovided to the building in visit:https://www.energy VES NO | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co Acca.gov/title24/2019standards/2019_compl NRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply I verlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls | E Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f mpleted through an Acceptance liance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only | eatures to be recognized for Test Technician Certification | | STATE OF |
| ee: Fresno County Environme ress: 310 S. West Avenue Fresr ame: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES uctions: Selections shall be made by e. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing LOAD HOURS | ental Compliance Center no 93657 mpliance _V8_06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceru ue Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Ato provided to the building in visit:https://www.energy VES NO VES NO | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl NRCA-MCH-02-A Outdoor Air must be submitted to verlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f ompleted through an Acceptance fiance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only teems Acceptance must be submitted for the submitted | eatures to be recognized for Test Technician Certification Documents/NRCA/ Field Inspec Pass F te: MCH02-A can be nce testing activities Cor all systems required | | REN. SIATE OF |
| ne: Fresno County Environme Iress: 310 S. West Avenue Fresr Iame: Fresno Environmental Co RATION OF REQUIRED CERTIFICATES Fuctions: Selections shall be made by e. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical | ental Compliance Center no 93657 mpliance _V8_06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceruse Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Autority of the building in visit:https://www.energy VES NO | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept particle and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and must be co a.ca.gov/title24/2019standards/2019_compl uthor to indicate which Certificates of Accept and the construction and the construction and the construction and the construction and the co | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f mpleted through an Acceptance liance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only tems Acceptance must be submitted to §120.1(c)3) can vary outside ventilat tration setpoints | eatures to be recognized for Test Technician Certification Documents/NRCA/ Pass F te: MCH02-A can be nce testing activities Test MCH02-A can be Test MCH02-A c | | TREN. S. ATIE OF LAW |
| e: Fresno County Environme ess: 310 S. West Avenue Fresn me: Fresno Environmental Co TION OF REQUIRED CERTIFICATES ctions: Selections shall be made by These documents bust be retained w.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing OAD HOURS | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | vironmental Compliance Ceru ue Fresno 93657 ental Compliance _V8_06.12 CATES OF ACCEPTANCE ade by Documentation Au- provided to the building in visit:https://www.energy VES NO VES NO VES NO N N N N N N N N N N N N N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep inspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl IRCA-MCH-02-A Outdoor Air must be submitted f erformed in conjunction with MCH-07-A Supply I werlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-08-A Valve Leakage Test | E Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f poppleted through an Acceptance liance_documents/Nonresidential Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only teems Acceptance must be submitted is §120.1(c)3) can vary outside ventilat tration setpoints ls | Teatures to be recognized for Test Technician Certification Documents/NRCA/ Pass F te: MCH02-A can be nce testing activities Tere testing activities Tere activities Ter | | LAW |
| e: Fresno County Environme ess: 310 S. West Avenue Fresn me: Fresno Environmental Co TION OF REQUIRED CERTIFICATES ctions: Selections shall be made by These documents bust be retained w.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing OAD HOURS | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma hese documents must be pr CP). For more information v | vironmental Compliance Ceru ue Fresno 93657 Intal Compliance _V8_06.13 CATES OF ACCEPTANCE ade by Documentation Allo provided to the building in visit:https://www.energy VES NO VES NO VES NO N N N N N N N N N N N N N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl NRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply f verlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-08-A Valve Leakage Test IRCA-MCH-09-A Supply Water Temperature Reser | E Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f ompleted through an Acceptance liance_documents/Nonresidential Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only teems Acceptance must be submitted to § \$120.1(c)3) can vary outside ventilat tration setpoints ls | Teatures to be recognized for Test Technician Certification Documents/NRCA/ Pass F te: MCH02-A can be nce testing activities Tere testing activities Tere activities Ter | | REN. STATE OF ENGINEE 7084 N. Maple Ave., Suite |
| Fresno County Environme ss: 310 S. West Avenue Fresr he: Fresno Environmental Co FION OF REQUIRED CERTIFICATES tions: Selections shall be made by These documents bust be retained tenergy.ca.gov/title24/2019stand Building Component Mechanical Plumbing DAD HOURS | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | vironmental Compliance Cer ue Fresno 93657 Intal Compliance _V8_06.13 CATES OF ACCEPTANCE ade by Documentation Au provided to the building in visit:https://www.energy VES NO VES NO VES NO N N N N N N N N N N N N N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co 0.ca.gov/title24/2019standards/2019_compt IRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply I verlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-09-A Supply Water Temperature Reser IRCA-MCH-09-A Supply Water Temperature Reser IRCA-MCH-10-A Hydronic System Variable Flow Contro | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f mpleted through an Acceptance liance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only tems Acceptance must be submitted to §120.1(c)3) can vary outside ventilat tration setpoints ls t Controls Controls | eatures to be recognized for Test Technician Certification Documents/NRCA/ Pass F te: MCH02-A can be nce testing activities te: MCH02-A can be nce testing activities Tor all systems required ion flow rates based on Tor all systems required ion flow rates based on Tor all systems required Tor all systems required To | | LAW ENGINEH |
| ee: Fresno County Environme ress: 310 S. West Avenue Fresr ame: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES actions: Selections shall be made by p. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | vironmental Compliance Ceru ue Fresno 93657 Ental Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Au- provided to the building in visit:https://www.energy VES NO VES NO VES NO N N N N N N N N N N N N N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl NRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply f verlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-08-A Valve Leakage Test IRCA-MCH-09-A Supply Water Temperature Reser | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f pompleted through an Acceptance liance_documents/Nonresidentia Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) si /AC - HERS Verification required - ATT only teems Acceptance must be submitted for station setpoints ls t Controls Controls Controls Controls | Teatures to be recognized for Test Technician Certification Documents/NRCA/ | | ENGINEE 7084 N. Maple Ave., Suite (559) 431-0101 |
| ne: Fresno County Environme iress: 310 S. West Avenue Fresr lame: Fresno Environmental Co RATION OF REQUIRED CERTIFICATES ructions: Selections shall be made by e. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | Vironmental Compliance Cen ue Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Ato provided to the building in visit:https://www.energy VES NO VES NO VES NO NO NO NO NO NO NO NO NO NO NO NO NO N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep inspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl IRCA-MCH-02-A Outdoor Air must be submitted f erformed in conjunction with MCH-07-A Supply I werlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-09-A Supply Water Temperature Rese IRCA-MCH-10-A Hydronic System Variable Flow Contro | E Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f ompleted through an Acceptance liance_documents/Nonresidential Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only teems Acceptance must be submitted to \$120.1(c)3) can vary outside ventilat tration setpoints ls controls Controls | eatures to be recognized for Test Technician Certification Documents/NRCA/ Pass F te: MCH02-A can be nee testing activities te: MCH02-A can be nee testing activities Comparison Ter all systems required tion flow rates based on Comparis | | E N G I N E B 7084 N. Maple Ave., Suite (559) 431-0101 |
| ne: Fresno County Environme iress: 310 S. West Avenue Fresr lame: Fresno Environmental Co RATION OF REQUIRED CERTIFICATES ructions: Selections shall be made by e. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | vironmental Compliance Ceru ue Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Autority orovided to the building in visit:https://www.energy YES NO VES NO N N N N N N N N N N N N N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep inspector during construction and must be co <i>a.ca.gov/title24/2019standards/2019_compl</i> IRCA-MCH-02-A Outdoor Air must be submitted f erformed in conjunction with MCH-07-A Supply I werlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-07-A Supply Fan Variable Flow Contro inaintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-07-A Supply Water Temperature Rese IRCA-MCH-09-A Supply Water Temperature Rese IRCA-MCH-10-A Hydronic System Variable Flow Contro IRCA-MCH-10-A Hydronic System Variable Flow Contro IRCA-MCH-11-A Automatic Demand Shed Contro IRCA-MCH-12-A FDD for Packaged Direct Expansi IRCA-MCH-13-A Automatic FDD for Air Handling I IRCA-MCH-14-A Distributed Energy Storage DX A | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f pompleted through an Acceptance liance_documents/Nonresidentia Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) si /AC - HERS Verification required - ATT only teems Acceptance must be submitted for a submitted for a submitted submitted for the submitted for the submitted for a submitted for the submitted for a submitted for a submitted for a submitted for the submitted for a submitted for a submitted for a submitted for the submitted for a submitt | ieatures to be recognized for rest Technician Certification | | ENGINER 7084 N. Maple Ave., Suite (559) 431-010 |
| ee: Fresno County Environme ress: 310 S. West Avenue Fresr ame: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES uctions: Selections shall be made by e. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing LOAD HOURS | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | Vironmental Compliance Cen ue Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Ato provided to the building in visit:https://www.energy VES NO VES NO VES NO NO NO NO NO NO NO NO NO NO NO NO NO N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl RCA-MCH-02-A Outdoor Air must be submitted f reformed in conjunction with MCH-07-A Supply f werlap IRCA-MCH-03-A Constant Volume Single Zone HV RCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-08-A Valve Leakage Test IRCA-MCH-09-A Supply Water Temperature Reser IRCA-MCH-10-A Hydronic System Variable Flow Contro IRCA-MCH-11-A Automatic Demand Shed Contro IRCA-MCH-11-A Automatic Demand Shed Contro IRCA-MCH-13-A Automatic FDD for Air Handling I IRCA-MCH-14-A Distributed Energy Storage DX Ai IRCA-MCH-15-A Thermal Energy Storage (TES) Sy | E Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f pompleted through an Acceptance liance_documents/Nonresidential Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only teems Acceptance must be submitted to \$120.1(c)3) can vary outside ventilat tration setpoints ls t Controls Controls Controls ins ins Jone Terminal Units Accept C Systems Acceptance | Teatures to be recognized for Test Technician Certification | | ENGINER 7084 N. Maple Ave., Suite (559) 431-0101 |
| ne: Fresno County Environme iress: 310 S. West Avenue Fresr lame: Fresno Environmental Co RATION OF REQUIRED CERTIFICATES ructions: Selections shall be made by e. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | Vironmental Compliance Ceruse Fresno 93657 Intal Compliance _V8_06.13 Intal | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep inspector during construction and must be co <i>a.ca.gov/title24/2019standards/2019_compl</i> IRCA-MCH-02-A Outdoor Air must be submitted f erformed in conjunction with MCH-07-A Supply I werlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-07-A Supply Fan Variable Flow Contro inaintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-07-A Supply Water Temperature Rese IRCA-MCH-09-A Supply Water Temperature Rese IRCA-MCH-10-A Hydronic System Variable Flow Contro IRCA-MCH-10-A Hydronic System Variable Flow Contro IRCA-MCH-11-A Automatic Demand Shed Contro IRCA-MCH-12-A FDD for Packaged Direct Expansi IRCA-MCH-13-A Automatic FDD for Air Handling I IRCA-MCH-14-A Distributed Energy Storage DX A | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f mpleted through an Acceptance liance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only tems Acceptance must be submitted i § 120.1(c)3) can vary outside ventilat tration setpoints ls t Controls Controls Lis Units and Zone Terminal Units Accept Stem Acceptance Stem Acceptance Stem Acceptance Stem Acceptance C Systems Acceptance Stem Acceptance C Systems Acceptance Stem Acceptance C Systems Accept | ieatures to be recognized for rest Technician Certification Documents/NRCA/ Pass Pass rete: MCH02-A can be noce testing activities 1 1 | | E N G I N E I 7084 N. Maple Ave., Suite (559) 431-0101 |
| ee: Fresno County Environme ress: 310 S. West Avenue Fresr ame: Fresno Environmental Co ATION OF REQUIRED CERTIFICATES actions: Selections shall be made by p. These documents bust be retained ww.energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | vironmental Compliance Ceru Je Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Autority Trovided to the building in visit:https://www.energy VES NO VES NO VES NO N N N N N N N N N N N N N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accep inspector during construction and must be co a.ca.gov/title24/2019standards/2019_compl IRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply f werlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-07-A Supply Fan Variable Flow Contro IRCA-MCH-09-A Supply Water Temperature Rese IRCA-MCH-09-A Supply Water Temperature Rese IRCA-MCH-10-A Hydronic System Variable Flow Contro IRCA-MCH-11-A Automatic Demand Shed Contro IRCA-MCH-13-A Automatic FDD for Air Handling I IRCA-MCH-13-A Automatic FDD for Air Handling I IRCA-MCH-15-A Thermal Energy Storage (TES) Sy IRCA-MCH-16-A Supply Air Temperature Reset Co IRCA-MCH-17-A Condenser Water Temperature Reset Co IRCA-MCH-17-A Condenser Water Temperature Reset Co IRCA-MCH-18 Energy Management Control System | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f pompleted through an Acceptance liance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only tems Acceptance must be submitted i o \$120.1(c)3) can vary outside ventilat tration setpoints ls t Controls Controls Controls Sols Ion Units Units and Zone Terminal Units Accept Stem Acceptance | Features to be recognized for Test Technician Certification | | E N G I N E I 7084 N. Maple Ave., Suite (559) 431-0101 |
| Fresno County Environme is: 310 S. West Avenue Fresr ie: Fresno Environmental Co FION OF REQUIRED CERTIFICATES tions: Selections shall be made by These documents bust be retained energy.ca.gov/title24/2019stand Building Component Mechanical Plumbing | ental Compliance Center no 93657 mpliance _V8_ 06.11.2020.cib oF VERIFICATION Documentation Author to b d and provided to the buildi lards/2019_compliance_do VES NO VES NO VES NO VES NO NRCV-MCH Q NRCV-MCH Q NRCV-MCH Q NRCV-PLB- | 119x 119x 119x 104-H Duct Leakage Te 104-H Duct Leakage Te 104-H Enclosure Air Le 104-H Enclosure Air Le 104-H Local Mechanica 104-H - HERS verified ce | NRCC-PRF-01-E Page 13 of 1 Calculation Date/Time: 09:37, Fri, Ju icates of Verification must be submit construction and can be found onlinential_Documents/NRCV/ Form/Title est extage & Mechanical Ventilation al Exhaust entral systems in high-rise residential, ho | 14 un 12, 2020 Eted for the features e at: tel/motel application | s to be recognized for Field Inspec Pass F 1 1 1 1 1 1 1 1 1 1 1 1 1 | Project Name: Project Address Input File Name P. DECLARATIO Table Instruct. compliance. T Provider (ATTO Id ctor Fail | Fresno County Envi 310 S. West Avenue Fresno Environmen ON OF REQUIRED CERTIFIC ions: Selections shall be ma these documents must be pr CP). For more information v Building Component | vironmental Compliance Ceru Je Fresno 93657 Intal Compliance _V8_06.11 CATES OF ACCEPTANCE ade by Documentation Autority Trovided to the building in visit:https://www.energy VES NO VES NO VES NO N N N N N N N N N N N N N | nter NRCC-PRF-01-E Calculation Dat 1.2020.cibd19x uthor to indicate which Certificates of Accept nspector during construction and must be co <i>a.ca.gov/title24/2019standards/2019_compl</i> IRCA-MCH-02-A Outdoor Air must be submitted f verformed in conjunction with MCH-07-A Supply I werlap IRCA-MCH-03-A Constant Volume Single Zone HV IRCA-MCH-04(a)-H Air Distribution Duct Leakage IRCA-MCH-04(b)-A Air Distribution Duct Leakage IRCA-MCH-05-A Air Economizer Controls IRCA-MCH-06-A Demand Control Ventilation Syst o employ demand controlled ventilation (refer to naintaining interior carbon dioxide (CO2) concent IRCA-MCH-09-A Supply Fan Variable Flow Contro IRCA-MCH-09-A Supply Water Temperature Reser IRCA-MCH-09-A Supply Water Temperature Reser IRCA-MCH-10-A Hydronic System Variable Flow Contro IRCA-MCH-11-A Automatic Demand Shed Contro IRCA-MCH-13-A Automatic FDD for Air Handling I IRCA-MCH-13-A Automatic FDD for Air Handling I IRCA-MCH-13-A Thermal Energy Storage (TES) Sy IRCA-MCH-16-A Supply Air Temperature Reser Co IRCA-MCH-16-A Supply Air Temperature Reser Co | Page 12 of 14 te/Time: 09:37, Fri, Jun 12, 2020 tance must be submitted for the f pompleted through an Acceptance liance_documents/Nonresidentian Form/Title for all newly installed HVAC units. No Fan VFD Acceptance (if applicable) sin /AC - HERS Verification required - ATT only tems Acceptance must be submitted i o \$120.1(c)3) can vary outside ventilat tration setpoints ls t Controls Controls Controls Sols Ion Units Units and Zone Terminal Units Accept Stem Acceptance | ieatures to be recognized for rest Technician Certification Documents/NRCA/ Pass Pass rete: MCH02-A can be noce testing activities 1 1 | | LAW ENGINE 7084 N. Maple Ave., Sui (559) 431-0101 |







Project.

Fresno County Fresho County Environmental Compliance Center Phase 2 - Office/Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72 Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC

Sheet Content: MECHANICAL

TITLE 24

Fresno County Department of Public Works and Planning Capital Projects



2220 Tulare Street, 8th Floor Fresno, California 93721

Sheet No. M2.3

10

8

9

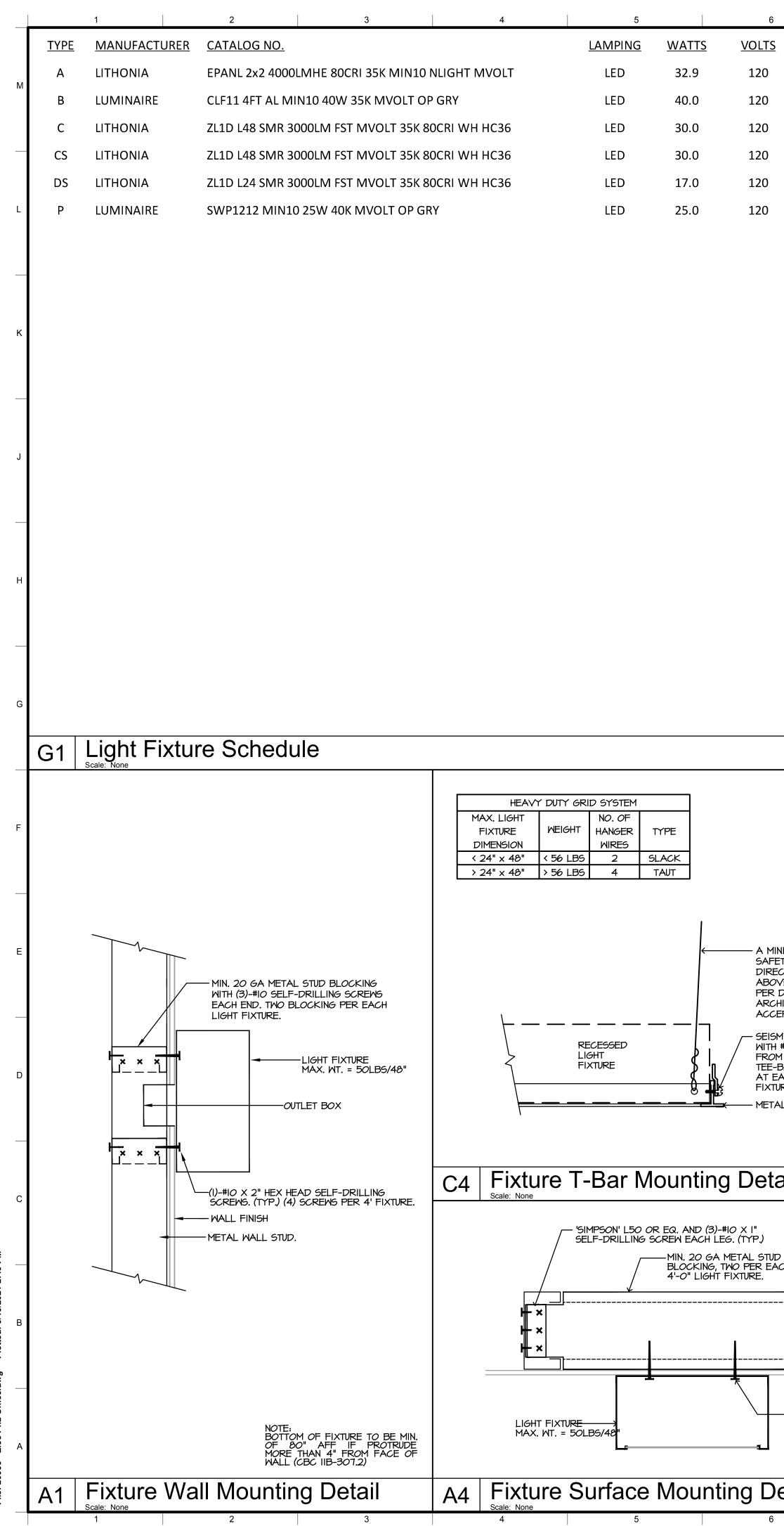
11

12

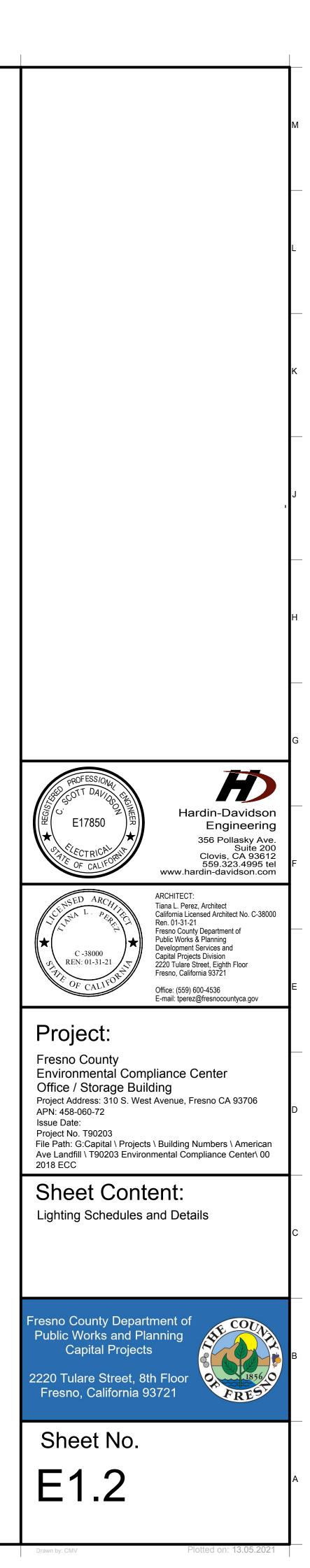
| | Electrical General Notes | | | Electrical | Symbol | S | |
|---------------------|---|----------------|---|--|------------------------|--|---|
| | HALL MEET THE LATEST ADOPTED ADDITIONS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND ALL OTHER REGULATIONS, WHICH INCLUDE: | <u>SYMBOL</u> | DESCRIPTION | <u>NOTES</u> | <u>SYMBOL</u> | DESCRIPTION | <u>NOTES</u> |
| CALIFORNIA | BUILDING CODE 2019 | | POLE WITH SINGLE AREA LUMINAIRE | | | SWITCHBOARD | REFER TO POWER SINGLE LINE DIAGRAM |
| | ELECTRICAL CODE2019TIAL CEC ENERGY STANDARDS2019 | □⊕□ | POLE WITH DOUBLE AREA LUMINAIRES | | - | POWER PANEL | REFER TO PANEL SCHEDULE |
| NOTHING IN T | HE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. | • | POLE WITH POST TOP AREA LUMINAIRE | | Ø | JUNCTION BOX | 4-11/16" SQUARE BOX & COVER PLATE MIN. |
| | ENTION OF THESE PLANS AND SPECIFICATIONS TO COVER EVERYTHING REQUIRED TO PROVIDE FOR COMPLETE AND SYSTEMS. THE CONTRACTOR IS TO FURNISH LABOR, MATERIAL, TRANSPORTATION, EQUIPMENT, MISCELLANEOUS SERVICES, | (A) | FIXTURE TYPE "A" | REFER TO FIXTURE SCHEDULE | | DISCONNECT SWITCH, FUSIBLE | REFER TO MECH. PLANS & SPECS. |
| ETC. REQUIRE | ED TO ACCOMPLISH THIS RESULT. ANYTHING WHICH MAY BE REASONABLY CONSTRUED AS A NECESSARY PART OF THE IS TO BE INCLUDED, WHETHER OR NOT SPECIFICALLY SHOWN OR MENTIONED. | | SURFACE CEILING LIGHT | | | MOTOR CONTROLLER/DISCONNECT SWITCH | REFER TO MECH. PLANS & SPECS. |
| THE CONTRAC | CTOR SHALL EXAMINE THE SITE AND EXISTING CONDITIONS AND MAKE ALLOWANCES IN THE BID FOR ANY CONDITIONS | | RECESSED DOWN LIGHT | | | MOTOR | REFER TO MECH. PLANS & SPECS. |
| | ON THE ELECTRICAL DOCUMENTS. | | WALL LIGHT | | | EXHAUST FAN, CEILING MOUNTED | REFER TO MECH. PLANS & SPECS. |
| F CONTRAC | ND SPECIFICATIONS ARE INTENDED TO BE USED AS CONSTRUCTION GUIDELINES AND ARE NOT THE TOTAL INSTRUMENT OF DOCUMENTS. IT IS NOT THE INTENTION OF ANY CONSTRUCTION PLANS TO DIVIDE WORK AMONG DIFFERENT TRADES. | | FIXTURE ON EMERGENCY POWER | PROVIDE UNSWITCHED HOT TO BATT PACKS | Φ | SINGLE CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED |
| | SCOPE OF WORK WITH THE ARCHITECT AND THE GENERAL CONTRACTOR. ROUTING IS DIAGRAMMATIC ONLY. ACTUAL ROUTING & PHYSICAL CONDITIONS MAY VARY. THE CONTRACTOR IS | ⊗↓⊗ | EXIT SIGN, CEILING (ARROWS INDICATE CHEVRONS) EXIT SIGN, WALL (ARROWS INDICATE CHEVRONS) | PROVIDE UNSWITCHED HOT TO BATT PACKS PROVIDE UNSWITCHED HOT TO BATT PACKS | ф | DUPLEX CONVENIENCE OUTLET | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED |
| SPONSIBLE | FOR DETERMINING THE ACTUAL ROUTING, CONNECTIONS, & PROVISION OF ALL APPURTENANCES NECESSARY FOR A OPERATING SYSTEM. | | DEDICATED EMERGENCY LIGHT | PROVIDE UNSWITCHED HOT TO BATT PACKS | L L | AT +15" AFF TO BOTTOM OF BOX, U.O.N. | |
| | EQUIPMENT SHALL HAVE AN APPROVED TESTING LABORATORY LABEL ATTACHED (UL, CSA ETC.) PER CEC 110.2. | | INVERTER | | ⊕ | QUADPLEX CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED |
| | EQUIPMENT SHALL HAVE A SHORT CIRCUIT CURRENT RATING CAPABLE OF WITHSTANDING THE AVAILABLE SHORT | \$ | SWITCH AT +48" AFF TO TOP OF BOX | 20A 277V QUIET TOGGLE | ¢ | DUPLEX GFI CONVENIENCE OUTLET | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED |
| THE SERI | RENT PER CEC 110.9. WHERE SERIES COMBINATION RATINGS ARE USED FOR NEW PANELS, PROVIDE A CAUTIONARY LABEL ES RATED DEVICE COVER STATING "CAUTION - SERIES RATED SYSTEM AMPACITY AVAILABLE" AND IDENTIFY THE | \$3 | 3-WAY SWITCH AT +48" AFF TO TOP OF BOX | 20A 277V QUIET TOGGLE | м н | AT +15" AFF TO BOTTOM OF BOX, U.O.N. | LEVITON #X7899-W |
| | , PER CEC 110.3, 110.22(C), 240.86, AND THE UL RECOGNITION DIRECTORY. | Ф | DIMMER SWITCH, TO BE COMPATIBLE WITH | ROUGH IN WITH IG BOX PER SWITCH W RING, | OWEF | QUADPLEX GFI CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED LEVITON #X7899-W |
| | AW PER CEC 110.26. | | CONTROLLED FIXTURES, AT +48" AFF TO TOP OF BOX | I"C. TO ACCESSIBLE ATTIC SPACE | ŭ I Ø | WEATHERPROOF, GFI OUTLET | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED |
| | IIMUM 30" WIDE x 78" HIGH x 42" DEEP WORK CLEARANCES IN FRONT OF PANELS, SERVICE OR EQUIPMENT RATED AT | Φ | WALL MOUNTED DUAL TECH OCCUPANCY SENSOR SWITCH, O-IOV DIMMING, AT +48" AFF TO TOP OF BOX | ROUGH IN WITH IG BOX PER SWITCH W/ RING, I"C. TO ACCESSIBLE ATTIC SPACE | | AT +15" AFF TO BOTTOM OF BOX, U.O.N. W/WEATHERPROOF IN-USE TYPE COVER | LEVITON #X7899-W |
| | PLACARD ON EACH PANELBOARD INDICATING THE LOCATION AND IDENTIFICATION OF THE FEEDER SERVING THE PANEL | Ф _Е | WALL MOUNTED ULTRASONIC OCCUPANCY SENSOR SWITCH, W/ SEPARATE EXHAUST FAN RELAY | ROUGH IN WITH IG BOX PER SWITCH W/ RING, I"C. TO ACCESSIBLE ATTIC SPACE | ф | DUPLEX CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED, LEVITON #TDR20-SIW CODE COMPLIANT MARKING REQUIRED |
| | UMINATED EMERGENCY POWER PER 2016 CFC, SECTION 1006.3. EMERGENCY EGRESS LIGHTING SHALL PROVIDE A NANCE OF I FOOTCANDLE AT THE WALKING SURFACE FOR A MINIMUM OF 90 MINUTES. | | AT +48" AFF TO TOP OF BOX | | | SPLIT-WIRED WITH UNSWITCHED AND SWITCHED BY OCCUPANCY SENSOR | |
| | EQUIPMENT SHALL BE SERVED BY DEDICATED FIRE ALARM BRANCH CIRCUITS PER NFPA 72 10.6.5.1.2. THE CIRCUIT | | DIGITAL DIMMER SWITCH, AT +48" AFF TO TOP OF BOX | nLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, I"C. TO ACCESSIBLE ATTIC | ⊕ | QUADPLEX CONVENIENCE OUTLET, CONTROLLED | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED, |
| R SHAL PED WI | L BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM EQUIPMENT PER NFPA 10.6.5.2.1. THE CIRCUIT BREAKER SHALL BE TH RED HANDLE AND LOCK-ON DEVICE, AND PERMANENTLY IDENTIFIED AS "FIRE ALARM CIRCUIT" PER NFPA 72 5.5.2.3, 10.6.5.2.4, AND 10.6.5.4. | | DIGITAL DIMMER SWITCH, WIRELESS, LINE VOLTAGE AT +48" AFF TO TOP OF BOX | nLIGHT AIR SYSTEM, ROUGH IN WITH IG BOX & RING, 120-277V POWERED | | AT +15" AFF TO BOTTOM OF BOX, U.O.N. ONE UNSWITCHED AND ONE SWITCHED BY OCCUPANCY SENSOR | LEVITON #TDR20-W AND LEVITON #TDR20-52W CODE COMPLIANT MARKING REQUIRED |
| · | $20/208 \vee$ AND $277/480 \vee$ SYSTEMS SHALL BE MIN. #12 AWG THHN/THWN-2 COPPER. | so 🕼 Fligh | DIGITAL DIMMER SWITCH W/ INTEGRAL OCCUPANCY | nLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, | | | |
| AND 27 | 7V BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRALS. SHARING NEUTRALS IS NOT ACCEPTABLE. | | SENSOR AND PHOTOSENSOR AT +48" AFF TO TOP OF BOX | I"C. TO ACCESSIBLE ATTIC | ® | HEAVY DUTY POWER PEDESTAL | SEE DETAIL |
| ERS SIZ | E #4 AND LARGER SHALL BE MEGGER TESTED. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER. | (C) | DIGITAL "FRESCO" GRAPHICAL TOUCHSCREEN DIMMING, | nLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, | | SPECIAL EQUIPMENT OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | VERIFY REQ'TS W EQUIPMENT VENDOR |
| | ROUND CONDUITS SHALL HAVE MINIMUM 24" COVER. INSTALL GALVANIZED RIGID STEEL RISERS & ELBOWS WHERE IR. WRAP GRS BELOW GRADE OR PROVIDE PVC COATED GRS. EXPOSED CONDUIT SHALL BE GRS TO 8'-O", THEN EMT | | CONTROLLER AT +48" AFF TO TOP OF BOX | I"C. TO ACCESSIBLE ATTIC | ۲ | 26 FLOOR BOX WITH POWER FEED COVER | MAKE CONNECTION TO MODULAR FURNITURE SYSTEM |
| | PROPRIATE. UNDER NO CIRCUMSTANCE SHALL PVC CONDUIT BE INSTALLED ABOVE GRADE. | | DIGITAL OCCUPANCY SENSOR W/ PHOTOSENSOR DUAL-TECHNOLOGY CEILING MOUNT | nLIGHT SYSTEM #nCM PDT 10 | Ţ | 12" CU GROUND BUS BAR | WITH #6 GREEN GROUND WIRE TO G.E.C. |
| JIT INST | ALLED ABOVE GRADE SHALL BE MIN. 3/4" TRADE SIZE. CONDUIT BELOW GRADE SHALL BE MIN. I" TRADE SIZE. | HOS | DIGITAL OCCUPANCY SENSOR W/ PHOTOSENSOR | nLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, | ~~~ | FIRE/SMOKE DAMPER | PROVIDE 120V F.A. CIRCUIT TO DAMPER VIA F.A. RELAY. |
| IDE (4) | I" CONDUIT STUBS FROM EACH NEW ELECTRICAL PANEL TO ACCESSIBLE ATTIC SPACE FOR FUTURE USE. | | DUAL-TECHNOLOGY WALL MOUNT | I"C. TO ACCESSIBLE ATTIC | S | PUBLIC ADDRESS SPEAKER, CEILING MOUNTED | HOMERUN SPEAKER CABLE TO PA TERMINAL BLOCK |
| | SHES/MATERIALS FOR ALL ELECTRICAL DEVICES, PLATES, LIGHT FIXTURES, ETC. SHALL BE CHOSEN BY THE ARCHITECT. | | WIRELESS DIGITAL OCCUPANCY SENSOR W/ PHOTOSENSOR. DUAL-TECHNOLOGY CEILING MOUNT | PROVIDE XPOINT SBOR SENSOR INTERFACE | Q | PUBLIC ADDRESS SPEAKER WALL MOUNTED, +120" U.O.N. | RUN I"C. TO ACCESSIBLE ATTIC SPACE AND HOMERUN SPEAKER CABLE TO PA TERMINAL BLOCK |
| 'IDE PEF EC 422. | RMANENT LOCK-OPEN DEVICES ON CIRCUIT BREAKERS SERVING ELECTRIC WATER HEATERS TO MEET THE REQUIREMENTS 31. | GW | DIGITAL GATEWAY | nLIGHT SYSTEM, PROVIDE (1) GATEWAY AT EACH BUILDING | _ © ^{wp} | WP OUTDOOR PUBLIC ADDRESS SPEAKER, | RUN I'C. TO ACCESSIBLE ATTIC SPACE AND HOMERUN |
| | OCCUPANCY PERMIT IS GRANTED FOR A NEWLY CONSTRUCTED BUILDING OR AREA, OR NEW LIGHTING SERVING A EA OR SITE IS OPERATED FOR NORMAL USE, ALL INDOOR AND OUTDOOR LIGHTING CONTROLS SERVING THE BUILDING, | | DIGITAL GATENAT | AND CONNECT TO LAN. PROVIDE BOX/OUTLET AT GATEWAY | | WALL MOUNTED, +120" U.O.N. | SPEAKER CABLE TO PA TERMINAL BLOCK |
| OR SIT | TE SHALL BE CERTIFIED AS MEETING THE "ACCEPTANCE REQUIREMENTS" FOR CODE COMPLIANCE IN ACCORDANCE WITH 4. A "CERTIFICATE OF ACCEPTANCE" SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY UNDER SECTION 10-103(a) OF | BR | DIGITAL BRIDGE | LOCATION FOR GATEWAY POWER SUPPLY. nLIGHT SYSTEM, PROVIDE (I) BRIDGE FOR EACH (6) NLIGHT ZONES, CONNECT BRIDGE ROWER SUPPLY TO | _ გ გ. | SURVEILLANCE (CCTV) CAMERA PROVISION, WALL MOUNTED. VERIFY HEIGHTS AT EACH LOCATION. | INTERIOR: IG J-BOX, IG RING, MODULAR PLATE, 3/4"C. TO ACCESSIBLE ATTIC SPACE. EXTERIOR: IG FLUSH BELL BOX, |
| | "FINAL INSPECTION", ALL CODE REQUIRED SIGN CONTROLS WILL BE REQUIRED TO HAVE BEEN INSTALLED. REFERENCE | | | nLIGHT ZONES. CONNECT BRIDGE POWER SUPPLY TO LOCAL LIGHTING CIRCUIT. | | C=CEILING MOUNTED. | MODULAR PLATE, 3/4"C. TO ACCESSIBLE ATTIC SPACE. PROVIDE (I) CAT6 CABLE AND DATA JACK TO EACH |
| | 4 OF THE 2016 CALIFORNIA ENERGY CODE. | ®X | DIGITAL XPOINT WIRELESS BRIDGE | INTERFACE WITH NLIGHT SYSTEM GATEWAY | 2 | | CAMERA PROVISION. VERIFY EXACT REQUIREMENTS PRIOR TO ROUGH-IN. |
| IONS 30 D TO A | RNIA STATE LICENSE BOARD (CSLB) "ZERO TOLERANCE POLICY" IN EFFECT FOR NON-COMPLIANT LABOR CODE 1999 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE 1997 AND 2099.2, SECTIONS 209.0 AND WILL BE 1997 AND 2098.2, SECTIONS 209.0 AND AND AND AND 200.0 AND AND 200.0 AND 2 | P | DIMMING POWER PACK VERIFY 0-10V, 2- OR 3-WIRE, MLV, OR | NLIGHT SYSTEM, MOUNT IN ACCESSIBLE ATTIC OR INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING | TV | RECESSED TV BOX WITH POWER OUTLET, (2) DATA | MAKE POWER CONNECTION AND PROVIDE 1 1/2"C. STUB TO |
| | CONTRACTOR SHALL COORDINATE THE FIRE ALARM SYSTEM INTERFACES BETWEEN THE FIRE ALARM CONTRACTOR, | | ELV BY FIXTURE DIMMING POWER PACK W EMERGENCY CONTROL RELAY | NIGHT GYGTEM MOUNT IN ACCESSIBLE ATTIC OD | \$ | JACKS, HDMI AND CATV JACKS. VERIFY HEIGHT/LOCATION PRIOR TO ROUGH-IN. | EXPOSED CABLE SPACE NEAR ROOF. VERIFY HEIGHTS W ARCH. |
| NKLER C | ONTRACTOR, MECHANICAL CONTRACTOR, AND ANY OTHER PERTINENT TRADES (FIRE ALARM, SPRINKLER SYSTEM, HOOD (TINGUISHING SYSTEM, HVAC, FIRE SMOKE DAMPERS, ETC.). | PPε | VERIFY O-IOV, 2- OR 3-WIRE, MLV, OR | INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING | ⊲ 🛛 | A/V INPUT HDMI/VGA/3.5MM AUDIO/USB JACK WALL | 26 BOX, 16 RING, (2) 1 1/4"C. TO ATTIC |
| 55 OF 2 | ALARM SYSTEM IS PRESENT AND THE TOTAL COMBINED CFM FOR ALL HVAC UNITS IN A FIRE COMPARTMENT IS IN 2000, DETECTION OF SMOKE IN ANY ONE OF THE DUCT DETECTORS SHALL SHUT OFF THE POWER SOURCES TO ALL THE | (WP) | ELV BY FIXTURE DMX CONTROLLER PACK | NLIGHT SYSTEM, MOUNT IN ACCESSIBLE ATTIC OR | │ Ф∯∠ | PLATE AT +18" AFF DEVICES TO BE REMOVED | SPACE. INSTALL CABLES FROM STATION TO TV. |
| | RESNO FIRE POLICY 407.4. ART-UP, TESTING, ADJUSTMENT, AND REPORTING OF BUILDING LIGHTING SYSTEM PER CGBSC 5.410.4. | | RECEPTACLE RELAY CONTROLLED BY | INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING | | EXISTING CONDUIT/WIRING TO BE DEMOLISHED | |
| | NARNING SIGNS SHALL BE PROVIDED PER CEC SECTION 110.16. | KK | OCCUPANCY SENSOR | NLIGHT SYSTEM, MOUNT IN ACCESSIBLE ATTIC OR INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING. | ♥⊕⊽ | EXISTING DEVICES EXISTING CONDUIT/WIRING | |
| | INT SHALL BE CALCULATED AND POSTED PRIOR TO FINAL INSPECTION PER CEC 110.24. | | | (I) RELAY PER CIRCUIT IN EACH CONTROLLED AREA. | | WIRING IN CONDUIT, BELOW GRADE | 3/4" CONDUIT MIN. |
| | | | TERMINAL CABINET DATA <i>O</i> UTLET (RJ-45 CAT6) WITH 2 JACK | 4-11/16 SQ. BOX, 1G RING, MODULAR | | WIRING IN CONDUIT, IN WALL OR CEILING | 3/4" CONDUIT MIN. |
| | | | AT +IB" AFF, U.O.N. | PLATE, & I 1/2"C. TO ACCESSIBLE ATTIC | LV | LOW VOLTAGE WIRING IN ATTIC SPACE | TYPE PER EQUIPMENT MANUFACTURER |
| | | | BLUE JACKS & CABLE QTY. OF JACKS AS NOTED WHEN > 2 | SPACE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS AT EACH END. | • | | 3/4" CONDUIT MIN. |
| | | WAD_ C | | REFER TO SPECIFICATIONS. | | FLEXIBLE CONDUIT CONDUIT STUB AND CAP | 3/4" CONDUIT MIN. 3/4" CONDUIT MIN. |
| | | | (2) WAP DATA JACKS (RJ-45 CAT6A) MOUNTED IN ATTIC SPACE | 4-11/16 SQ. BOX, IG RING, MODULAR PLATE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS | GENERA | CONDUT STUB AND CAP CROSS HATCHES INDICATE NUMBER OF #12 AWG. CONDUCTORS IN CONDUIT, WHEN MORE THAN TWO. | 3/4" CONDUIT MIN. 3/4" CONDUIT MIN. |
| | | WAP-W | (2) WAP DATA JACKS (RJ-45 CAT6A) | AT EACH END. 4-11/16 SQ. BOX, 1G RING, MODULAR | | WIRE SIZE INDICATED ON PLANS WHEN OTHER #12 AWG, PROVIDE GROUND PER CEC 250. | |
| | | v | AT +108" AFF, U.O.N. | PLATE, & I I/2"C. TO ACCESSIBLE ATTIC SPACE. PULL CABLING TO RESPECTIVE PATCH | | PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT. | |
| | | ACOL | | PANEL AND TERMINATE JACKS AT EACH END. REFER TO SPECIFICATIONS. | \\\\. | CURVED CROSS HATCHES INDICATE #14 AWG PURPLE & GRAY CONDUCTORS FOR | 3/4" CONDUIT MIN. |
| | | - DAT | WALL MOUNT VOIP OUTLET (RJ-45 CAT6) | 4-11/16 SQ. BOX, 1G RING, MODULAR | | DIMMING CONTROL. | |
| | | • | AT +45" AFF, U.O.N. | PLATE, \notin 1 1/2"C. TO ACCESSIBLE ATTIC SPACE. PULL CABLING TO RESPECTIVE PATCH | | 5 HOME RUN (TO PANEL "A", CIRCUIT "15") | 3/4" CONDUIT MIN. |
| | | | | PANEL AND TERMINATE JACKS AT EACH END. | (E) U.O.N. | "EXISTING" "UNLESS OTHERWISE NOTED" | |
| | | | WALL MOUNT DATA/COMM OUTLET | REFER TO SPECIFICATIONS. 4-11/16 SQ. BOX, 1G RING, MODULAR | WP | "WEATHERPROOF" / NEMA 3R | |
| | | ▼ | AT +45" AFF, U.O.N. | PLATE, & I 1/2"C. TO ACCESSIBLE ATTIC SPACE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS AT EACH END. | GFI | "GROUND FAULT INTERRUPTER" | |
| | | | | REFER TO SPECIFICATIONS. | | | |
| | | MDF | "MAIN DISTRIBUTION FRAME" | | | | |
| | | IDF | "INTERMEDIATE DISTRIBUTION FRAME" | | | | |

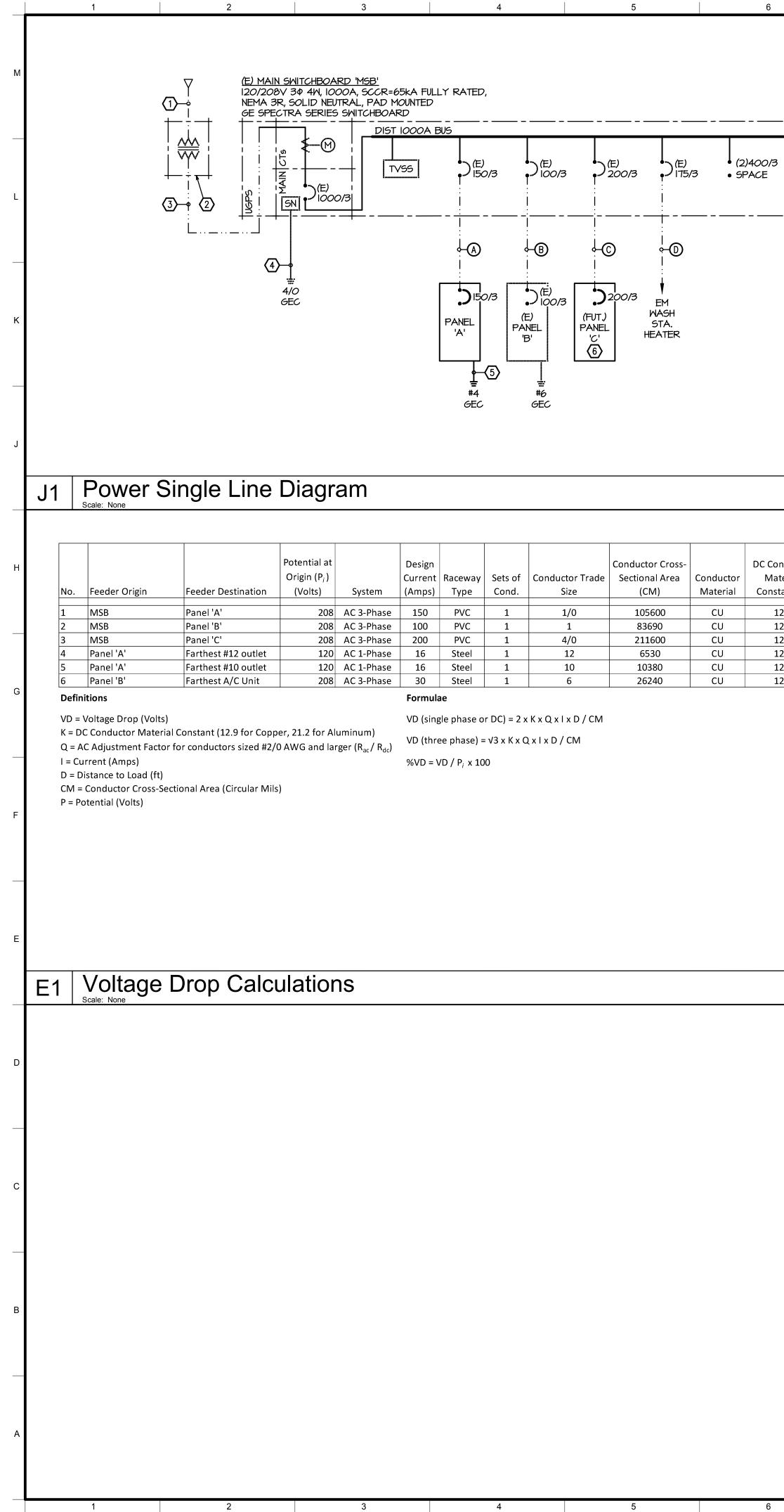
| | | | Electrical | Symbol | S | | |
|-----------------------------|-----------------------|--|--|----------------------|--|---|--|
| ir <u>S</u> | SYMBOL | DESCRIPTION | NOTES | SYMBOL | DESCRIPTION | NOTES | |
| | | POLE WITH SINGLE AREA LUMINAIRE | | | SWITCHBOARD | REFER TO POWER SINGLE LINE DIAGRAM | |
| | | POLE WITH DOUBLE AREA LUMINAIRES | | | POWER PANEL | REFER TO PANEL SCHEDULE | |
| | ۲ | POLE WITH POST TOP AREA LUMINAIRE | | 0 | JUNCTION BOX | 4-11/16" SQUARE BOX & COVER PLATE MIN. | |
| | (A) | FIXTURE TYPE "A" | REFER TO FIXTURE SCHEDULE | | DISCONNECT SWITCH, FUSIBLE | REFER TO MECH. PLANS & SPECS. | |
| 5, E | 0 | SURFACE CEILING LIGHT | | 423 | MOTOR CONTROLLER/DISCONNECT SWITCH | REFER TO MECH. PLANS & SPECS. | |
| | O | RECESSED DOWN LIGHT | | Ø | MOTOR | REFER TO MECH. PLANS & SPECS. | |
| 15 | Q | WALL LIGHT | | \otimes | EXHAUST FAN, CEILING MOUNTED | REFER TO MECH. PLANS & SPECS. | |
| NT 5. | Ø↑ | FIXTURE ON EMERGENCY POWER | PROVIDE UNSWITCHED HOT TO BATT PACKS | Φ | SINGLE CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED | |
| 15 | Ø Ø | EXIT SIGN, CEILING (ARROWS INDICATE CHEVRONS) | PROVIDE UNSWITCHED HOT TO BATT PACKS | Φ | DUPLEX CONVENIENCE OUTLET | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED | |
| A | ¥ E | EXIT SIGN, WALL (ARROWS INDICATE CHEVRONS) DEDICATED EMERGENCY LIGHT | PROVIDE UNSWITCHED HOT TO BATT PACKS PROVIDE UNSWITCHED HOT TO BATT PACKS | | AT +15" AFF TO BOTTOM OF BOX, U.O.N. | | |
| | | INVERTER | TROVIDE UNSMITCHED HOT TO DATE TRONS | ⊕ | QUADPLEX CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED | |
| | \$ | SWITCH AT +48" AFF TO TOP OF BOX | 20A 277V QUIET TOGGLE | • | DUPLEX GFI CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED LEVITON #X7899-W | |
| E | \$ 3 | 3-WAY SWITCH AT +48" AFF TO TOP OF BOX | 20A 277V QUIET TOGGLE | н Н | QUADPLEX GFI CONVENIENCE OUTLET | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED | |
| ΥT | ф | DIMMER SWITCH, TO BE COMPATIBLE WITH CONTROLLED FIXTURES, AT +48" AFF TO TOP OF BOX | ROUGH IN WITH IG BOX PER SWITCH W/ RING, I"C. TO ACCESSIBLE ATTIC SPACE | Home Home | AT +15" AFF TO BOTTOM OF BOX, U.O.N. WEATHERPROOF, GFI OUTLET | LEVITON #X7899-W 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED | |
| ΥT | Ф | WALL MOUNTED DUAL TECH OCCUPANCY SENSOR SWITCH, O-IOV DIMMING, AT +48" AFF TO TOP OF BOX | ROUGH IN WITH IG BOX PER SWITCH W/ RING, I"C. TO ACCESSIBLE ATTIC SPACE | | AT +15" AFF TO BOTTOM OF BOX, U.O.N. W WEATHERPROOF IN-USE TYPE COVER | LEVITON #X7899-W | |
| A | ₲₽ | WALL MOUNTED ULTRASONIC OCCUPANCY SENSOR SWITCH, W/ SEPARATE EXHAUST FAN RELAY AT +48" AFF TO TOP OF BOX | ROUGH IN WITH IG BOX PER SWITCH W/ RING, I"C. TO ACCESSIBLE ATTIC SPACE | <u></u> | DUPLEX CONVENIENCE OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. SPLIT-WIRED WITH UNSWITCHED AND | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED, LEVITON #TDR20-SIW CODE COMPLIANT MARKING REQUIRED | |
| | \mathbf{D} | DIGITAL DIMMER SWITCH, AT +48" AFF TO TOP OF BOX | nLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, I"C. TO ACCESSIBLE ATTIC | | SWITCHED BY OCCUPANCY SENSOR QUADPLEX CONVENIENCE OUTLET, CONTROLLED | 20A SPEC. GRADE, TAMPER-RESISTANT, NEMA GROUNDED, | |
| IT 12 9 12 11 | () w | DIGITAL DIMMER SWITCH, WIRELESS, LINE VOLTAGE AT +48" AFF TO TOP OF BOX | nLIGHT AIR SYSTEM, ROUGH IN WITH IG BOX & RING, 120-277V POWERED | | AT +15" AFF TO BOTTOM OF BOX, U.O.N. ONE UNSWITCHED AND ONE SWITCHED BY OCCUPANCY SENSOR | LEVITON #TDR20-W AND LEVITON #TDR20-S2W CODE COMPLIANT MARKING REQUIRED | |
| -H9I1- | D os | DIGITAL DIMMER SWITCH W/ INTEGRAL OCCUPANCY SENSOR AND PHOTOSENSOR | nLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, I"C. TO ACCESSIBLE ATTIC | Ø | HEAVY DUTY POWER PEDESTAL | SEE DETAIL | |
| | ٢ | AT +48" AFF TO TOP OF BOX | nLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, | • | SPECIAL EQUIPMENT OUTLET AT +15" AFF TO BOTTOM OF BOX, U.O.N. | VERIFY REQ'TS W EQUIPMENT VENDOR | |
| E | - | CONTROLLER AT +48" AFF TO TOP OF BOX | I"C. TO ACCESSIBLE ATTIC | ۲ | 26 FLOOR BOX WITH POWER FEED COVER | MAKE CONNECTION TO MODULAR FURNITURE SYSTEM | |
| | ((S) | DIGITAL OCCUPANCY SENSOR W/ PHOTOSENSOR DUAL-TECHNOLOGY CEILING MOUNT | nLIGHT SYSTEM #nCM PDT 10 | Ţ | 12" CU GROUND BUS BAR | WITH #6 GREEN GROUND WIRE TO G.E.C. | |
| | HOS | DIGITAL OCCUPANCY SENSOR W/ PHOTOSENSOR | NLIGHT SYSTEM, ROUGH IN WITH IG BOX & RING, | ~~~ | FIRE/SMOKE DAMPER | PROVIDE 120V F.A. CIRCUIT TO DAMPER VIA F.A. RELAY. | |
| | | DUAL-TECHNOLOGY WALL MOUNT | I"C. TO ACCESSIBLE ATTIC | S S | PUBLIC ADDRESS SPEAKER, CEILING MOUNTED | HOMERUN SPEAKER CABLE TO PA TERMINAL BLOCK | TOFESSIO |
| -5 | (XS) | WIRELESS DIGITAL OCCUPANCY SENSOR W/ PHOTOSENSOR. DUAL-TECHNOLOGY CEILING MOUNT | PROVIDE XPOINT SBOR SENSOR INTERFACE | L Ô | PUBLIC ADDRESS SPEAKER WALL MOUNTED, +120" U.O.N. | RUN I"C. TO ACCESSIBLE ATTIC SPACE AND HOMERUN SPEAKER CABLE TO PA TERMINAL BLOCK | ROFESSIONAL SED COTT DAVIOR SE |
| S A 5, | 69 | DIGITAL GATEWAY | NLIGHT SYSTEM, PROVIDE (I) GATEWAY AT EACH BUILDING AND CONNECT TO LAN. PROVIDE BOX/OUTLET AT GATEWAY | _ © ^{wp} | WP OUTDOOR PUBLIC ADDRESS SPEAKER, WALL MOUNTED, +120" U.O.N. | RUN I'C. TO ACCESSIBLE ATTIC SPACE AND HOMERUN SPEAKER CABLE TO PA TERMINAL BLOCK | Hardin-Davids E17850 ★ S56 Pollasky A |
| ₩ ₩ | ® | DIGITAL BRIDGE | LOCATION FOR GATEWAY POWER SUPPLY. nLIGHT SYSTEM, PROVIDE (1) BRIDGE FOR EACH (6) nLIGHT ZONES. CONNECT BRIDGE POWER SUPPLY TO | Q (ERAS – | SURVEILLANCE (CCTV) CAMERA PROVISION, WALL MOUNTED. VERIFY HEIGHTS AT EACH LOCATION. C=CEILING MOUNTED. | INTERIOR: IG J-BOX, IG RING, MODULAR PLATE, 3/4"C. TO ACCESSIBLE ATTIC SPACE. EXTERIOR: IG FLUSH BELL BOX, MODULAR PLATE, 3/4"C. TO ACCESSIBLE ATTIC SPACE. | Clovis, CA 936 559.323.4995 www.hardin-davidson.co |
| E | BX | DIGITAL XPOINT WIRELESS BRIDGE | LOCAL LIGHTING CIRCUIT. INTERFACE WITH NLIGHT SYSTEM GATEWAY | - CAN | | PROVIDE (I) CAT6 CABLE AND DATA JACK TO EACH CAMERA PROVISION. VERIFY EXACT REQUIREMENTS PRIOR | ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-3 |
| | © PP | DIMMING POWER PACK | nLIGHT SYSTEM, MOUNT IN ACCESSIBLE ATTIC OR | I | | TO ROUGH-IN. | Ren. 01-31-21 Fresno County Department of |
| E N | | DIMMING POWER PACK VERIFY 0-10V, 2- OR 3-WIRE, MLV, OR ELV BY FIXTURE | INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING | | RECESSED TV BOX WITH POWER OUTLET, (2) DATA JACKS, HDMI AND CATV JACKS. VERIFY | MAKE POWER CONNECTION AND PROVIDE I 1/2"C. STUB TO EXPOSED CABLE SPACE NEAR ROOF. VERIFY HEIGHTS W/ | ★ C -38000 C -38000 REN: 01-31-21 T T C -38000 REN: 01-31-21 T T T T T T T T C -38000 Revelopment Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721 |
| R, D | P | DIMMING POWER PACK W EMERGENCY CONTROL RELAY VERIFY O-IOV, 2- OR 3-WIRE, MLV, OR ELV BY FIXTURE | NLIGHT SYSTEM, MOUNT IN ACCESSIBLE ATTIC OR INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING | · • | HEIGHT/LOCATION PRIOR TO ROUGH-IN. A/V INPUT HDMI/VGA/3.5MM AUDIO/USB JACK WALL PLATE AT +18" AFF | ARCH. 26 BOX, IG RING, (2) I 1/4"C. TO ATTIC SPACE. INSTALL CABLES FROM STATION | Tresno, California 93721 OF CALIFOR Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov |
| IN E | (XP) | DMX CONTROLLER PACK | nLIGHT SYSTEM, MOUNT IN ACCESSIBLE ATTIC OR | ן \$\$\$⊽ | DEVICES TO BE REMOVED | SPACE. INSTALL CABLES FROM STATION TO TV. | Project: |
| | | | INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING | · | EXISTING CONDUIT/WIRING TO BE DEMOLISHED | | , , , , , , , , , , , , , , , , , , , |
| | RR | RECEPTACLE RELAY CONTROLLED BY OCCUPANCY SENSOR | NLIGHT SYSTEM, MOUNT IN ACCESSIBLE ATTIC OR INCONSPICUOUS, HIGH ON WALL, WHEN NO CEILING. | ¢∳⊽ | EXISTING DEVICES | | Fresno County Environmental Compliance Center |
| | | | (I) RELAY PER CIRCUIT IN EACH CONTROLLED AREA. | | EXISTING CONDUIT/WIRING | | Office / Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 |
| | | TERMINAL CABINET | | | WIRING IN CONDUIT, BELOW GRADE WIRING IN CONDUIT, IN WALL OR CEILING | 3/4" CONDUIT MIN. 3/4" CONDUIT MIN. | APN: 458-060-72 Issue Date: |
| | ∇ | DATA OUTLET (RJ-45 CAT6) WITH 2 JACK AT +18" AFF, U.O.N. | 4-11/16 SQ. BOX, 1G RING, MODULAR PLATE, & 1 1/2"C. TO ACCESSIBLE ATTIC | LV | LOW VOLTAGE WIRING IN ATTIC SPACE | TYPE PER EQUIPMENT MANUFACTURER | Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ Americ |
| | | BLUE JACKS & CABLE QTY. OF JACKS AS NOTED WHEN > 2 | SPACE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS AT EACH END. | • | CONDUIT RISER | 3/4" CONDUIT MIN. | Ave Landfill \ T90203 Environmental Compliance Center \ 2018 ECC |
| | | | REFER TO SPECIFICATIONS. | _ _ | FLEXIBLE CONDUIT | 3/4" CONDUIT MIN. | Sheet Content: |
| | WAP-C | (2) WAP DATA JACKS (RJ-45 CAT6A) MOUNTED | 4-11/16 SQ. BOX, 16 RING, MODULAR | ERAL | CONDUIT STUB AND CAP | 3/4" CONDUIT MIN. | Electrical Notes and Symbols |
| | WAP-W | IN ATTIC SPACE | PLATE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS AT EACH END. 4-11/16 SQ. BOX, 1G RING, MODULAR | | CROSS HATCHES INDICATE NUMBER OF #12 AWG. CONDUCTORS IN CONDUIT, WHEN MORE THAN TWO. WIRE SIZE INDICATED ON PLANS WHEN OTHER | 3/4" CONDUIT MIN. | |
| ACOM | WAP-W V | (2) WAP DATA JACKS (RJ-45 CAT6A) AT +I08" AFF, U.O.N. | PLATE, & I 1/2"C. TO ACCESSIBLE ATTIC SPACE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS AT EACH END. | \% | #12 AWG. PROVIDE GROUND PER CEC 250. PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT. CURVED CROSS HATCHES INDICATE #14 AWG PURPLE & GRAY CONDUCTORS FOR | 3/4" CONDUIT MIN. | |
| - DAT. | ▼ | WALL MOUNT VOIP OUTLET (RJ-45 CAT6) | REFER TO SPECIFICATIONS. 4-11/16 SQ. BOX, IG RING, MODULAR | | DIMMING CONTROL. | | Fresno County Department of |
| | | AT +45" AFF, U.O.N. | PLATE, & I I/2"C. TO ACCESSIBLE ATTIC SPACE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS AT EACH END. | (E) | HOME RUN (TO PANEL "A", CIRCUIT "15") "EXISTING" | 3/4" CONDUIT MIN. | Public Works and Planning Capital Projects |
| | V | WALL MOUNT DATA/COMM OUTLET AT +45" AFF, U.O.N. | REFER TO SPECIFICATIONS. 4-II/16 SQ. BOX, IG RING, MODULAR PLATE, & I I/2"C. TO ACCESSIBLE ATTIC SPACE PULL CAPLING TO RESPECTIVE PATCH | U.O.N. WP GFI | "UNLESS OTHERWISE NOTED" "WEATHERPROOF" / NEMA 3R "GROUND FAULT INTERRUPTER" | | 2220 Tulare Street, 8th Floor Fresno, California 93721 |
| | | | SPACE. PULL CABLING TO RESPECTIVE PATCH PANEL AND TERMINATE JACKS AT EACH END. REFER TO SPECIFICATIONS. | | | | Sheet No. |
| | | | | | | | |
| | MDF | "MAIN DISTRIBUTION FRAME" | | | | | E1.1 |

Plotted on: 13.05.2021



| 6 | | 7 | | 8 | 9 | | 10 | 11 | | 12 | 1 | 3 |
|--------------------------------|---|-----------------------|---------|---|---|--|----|----|--|----|---|---|
| <u>.TS</u> | MOUNTING | <u>REMARK</u> | | | | | | | | | | |
| 0 | RECESSED | SEE DETAIL C | C4/E2.1 | | | | | | | | | |
| 0 | SURFACE | SEE DETAIL A | | | | | | | | | | |
| 0 | CHAIN | | | | | | | | | | | |
| 0 | CHAIN | | | | | | | | | | | |
| 0 | CHAIN | | | | | | | | | | | |
| 0 | WALL | | | | | | | | | | | |
| 0 | WALL | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| MINIMUM | <i>O</i> F (2) 12 GA. SLAC | ĸ | | | | | | | | | | |
| RECTLY | IRES ATTACHED TO THE STRUCTURE DIAGONAL CORNE | 26 | | | | | | | | | | |
| ER DSA II RCHITECT | IR 25.2-13. REFER TO TURAL DETAILS FOR | 0 | | | | | | | | | | |
| | BLE CONNECTIONS. LIP: CADDY #SFCLT | | | | | | | | | | | |
| IITH #8 x : ROM LIGH | 3/4" TEK SCREWS TT FIXTURE TO | | | | | | | | | | | |
| EE-BAR A TEACH C IXTURE. | AND SCREW DIRECT CORNER OF LIGHT | LY | | | | | | | | | | |
| | BAR GRID SYSTEM | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| etail | | | | | | | | | | | | |
| | | | | | | | | | | | | |
|) | | | | | | | | | | | | |
| EACH | /METAL | _ CEILING | | | | | | | | | | |
| | | | | | | | | | | | | |
| | × - | | | | | | | | | | | |
| | ×-++ ×-++ | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | (2)-#10 X 2" HEX HE DRILLING AT EACH | AD SELF- BLOCKING. | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Deta | | | | | | | | | | | | |
| 6 | | 7 | | 8 | 9 | | 10 | 11 | | 12 | 1 | 3 |





| | LINE DIAGRAM KEY NOTES 🔿 |
|----------|---|
| | I. (E) 4"C. UTILITY PRIMARY PER RULE 16 DOCS. |
| | 2. (E) UTILITY TRANSFORMER & CONCRETE PAD PER RULE 16 DOCS. |
| † | (3) 5"C. UTILITY SECONDARY PER PG&E PER RULE 16 DOCS. |
| (2)200/3 | 4. (E) SERVICE GROUNDING ELECTRODE CONDUCTOR. |
| • SPACE | 5. GROUNDING ELECTRODE CONDUCTOR TO UFER, STRUCTURAL STEEL, METAL WATER PIPE, AND FIRE SPRINKLER RISER. |
| + | 6. PANEL SHOWN FOR REFERENCE ONLY. DO NOT INCLUDE IN BID. |
| | |
| | FEEDERS O |
| | A. (E) 2-1/2"C. 4#1/O, 1#6G. |
| | B. (E) 2"C. 4#I, I#6G. |
| | C. (E) 3"C. 4#4/O, I#4G. |
| | |

D. (E) 2"C. 3#2/O, I#6G.

8

8

9

10

| | | | | | Percent |
|--------------|--------|----------|-----------|--------------|---------|
| C Conductor | | | Voltage | Potential at | Voltage |
| Material | | Distance | Drop (VD) | Load (P_i) | Drop |
| Constant (K) | Q | (ft) | (Volts) | (Volts) | (%VD) |
| | | | | | |
| 12.9 | 0.9836 | 35 | 1.09 | 206.91 | 0.53 |
| 12.9 | 0.9740 | 125 | 3.25 | 204.75 | 1.56 |
| 12.9 | 1.0197 | 135 | 2.91 | 205.09 | 1.40 |
| 12.9 | 1.0101 | 75 | 4.79 | 115.21 | 3.99 |
| 12.9 | 0.9677 | 125 | 4.81 | 115.19 | 4.01 |
| 12.9 | 0.9980 | 45 | 1.15 | 206.85 | 0.55 |

| CKT. | DESCRIPTION | BRE | AKER | VA |
|------|-------------------------------|------|---------|-------|
| NO. | DESCRIPTION | AMPS | POLE(S) | VA |
| 1 | LIGHTING CONTROL PANEL | 15 | 1 | 150 |
| 3 | LIGHTS - INTERIOR | 15 | 1 | 319 |
| 5 | LIGHTS - EXTERIOR | 15 | 2 | 125 |
| 7 | LIGHTS - SITE POLES (208V) | 15 | 2 | 229 |
| 9 | | | | 229 |
| 11 | SPARE | 15 | 1 | |
| 13 | SPARE | 20 | 1 | |
| 15 | SPARE | 20 | 1 | |
| 17 | SPARE | 20 | 1 | |
| 19 | AIR CONDITIONER ODU-1 / IDU-1 | 50 | 2 | 3120 |
| 21 | | | | 3120 |
| 23 | AIR CONDITIONER ODU-2 / IDU-2 | 15 | 2 | 936 |
| 25 | | | | 936 |
| 27 | EXHAUST FAN EF-2 | 15 | 1 | 696 |
| 29 | SPACE ONLY | | | |
| 31 | SPACE ONLY | | | |
| 33 | SPACE ONLY | | | |
| 35 | SPACE ONLY | | | |
| 37 | SPACE ONLY | | | |
| 39 | SPACE ONLY | | | |
| 41 | SPACE ONLY | | | |
| | LOAD SUMMARY: | | ΦA | 9335 |
| | | | ΦB | 11624 |
| | | | ΦC | 6681 |
| | CONNECTED LOAD: | | | 27.6 |
| | MAX CURRENT: | | | 97 |
| | | | | |

PANEL "A" SCHEDULE

11

12

| ΡΑ | NEL "B" SCHEDULE | | | 120/208\ | / 3Ф 4 | W 50kAIC | | | INDOOR / SURFACE | |
|------|----------------------------|-----------------|------|----------|----------|----------|---------|-------------|----------------------|------|
| CKT. | DESCRIPTION | BRE | AKER |)// | <u>_</u> | | BRE | AKER | DECOUDTION | CKT. |
| NO. | DESCRIPTION | AMPS POLE(S) VA | | Φ | VA | AMPS | POLE(S) | DESCRIPTION | NO. | |
| 1 | CANOPY LIGHTS | 15 | 1 | 736 | А | 1176 | 20 | 1 | LIQUID RECOVERY TANK | 2 |
| 3 | SPARE | 15 | 1 | | В | 500 | 20 | 1 | NORTH SEA TRAIN | 4 |
| 5 | SPARE | 20 | 1 | | С | 500 | 20 | 1 | SOUTH SEA TRAIN | 6 |
| 7 | OUTLETS - CANOPY | 20 | 1 | 360 | А | 500 | 15 | 1 | N. LIFT GATE | 8 |
| 9 | OUTLETS - CANOPY | 20 | 1 | 360 | В | 500 | 15 | 1 | S. LIFT GATE | 10 |
| 11 | OUTLETS - CANOPY | 20 | 1 | 360 | С | | 20 | 1 | SPARE | 12 |
| 13 | OUTLETS - TERMINAL CABINET | 15 | 1 | 360 | А | | 20 | 1 | SPARE | 14 |
| 15 | SPARE | 20 | 1 | | В | | 20 | 1 | SPARE | 16 |
| 17 | SPARE | 20 | 1 | | С | | 20 | 1 | SPARE | 18 |
| 19 | SPACE ONLY | | | | А | | | | SPACE ONLY | 20 |
| 21 | SPACE ONLY | | | | В | | | | SPACE ONLY | 22 |
| 23 | SPACE ONLY | | | | С | | | | SPACE ONLY | 24 |
| 25 | SPACE ONLY | | | | А | | | | SPACE ONLY | 26 |
| 27 | SPACE ONLY | | | | В | | | | SPACE ONLY | 28 |
| 29 | SPACE ONLY | | | | С | | | | SPACE ONLY | 30 |
| | LOAD SUMMARY: | | ΦA | 3132 | VA | | BUSIN | G: | 100A | |
| | | | ΦВ | 1360 | VA | | MAIN | : | 100A | |
| | | | ΦC | 860 | VA | | | | | |
| | CONNECTED LOAD: | | | 5.4 | kVA | | | | | |
| | MAX CURRENT: | | | 26 | A | | | | | |

| PA | NEL "C" SCHEDULE | | | 120/208\ | / 3Φ 4\ | N 50kAIC | | | INDOOR / SURFACE | |
|------|------------------------|-------------|--------------|----------|---------|----------|---|------|---------------------------|-----|
| CKT. | DECODUCTION | BRE | AKER | VA | | | BRE | AKER | DECODIDEION | |
| NO. | DESCRIPTION | AMPS | AMPS POLE(S) | | Φ | VA | AMPS POLE(S) | | DESCRIPTION | NO. |
| 1 | LIGHTING CONTROL PANEL | 15 | 1 | 150 | А | 500 | 20 | 1 | OUTLETS - BACKBOARD | 2 |
| 3 | LIGHTS - INTERIOR | 20 | 1 | | В | 500 | 20 | 1 | OUTLETS - BACKBOARD | 4 |
| 5 | LIGHTS - EXTERIOR | 15 | 1 | | С | 1000 | 20 | 1 | OUTLETS - BACKBOARD | 6 |
| 7 | MARQUEE SIGN | 15 | 1 | | А | 360 | 20 | 1 | OUTLETS - INTERIOR | 8 |
| 9 | SPACE ONLY | | | | В | 360 | 20 | 1 | OUTLETS - INTERIOR | 10 |
| 11 | SPACE ONLY | | | | С | 360 | 20 | 1 | OUTLETS - INTERIOR | 12 |
| 13 | ROLL-UP DOOR MOTOR | 15 | 3 | 444 | А | 360 | 20 | 1 | OUTLETS - INTERIOR | 14 |
| 15 | | | | 444 | В | 500 | 20 | 1 | * FIRE SPRINKLER SYSTEM | 16 |
| 17 | | | | 444 | С | | 20 | 1 | SPARE | 18 |
| 19 | ROLL-UP DOOR MOTOR | 15 | 3 | 444 | А | | 20 | 1 | SPARE | 20 |
| 21 | | | | 444 | В | | 20 | 1 | SPARE | 22 |
| 23 | | | | 444 | С | | 20 | 1 | SPARE | 24 |
| 25 | ROLL-UP DOOR MOTOR | 15 | 3 | 444 | А | 4800 | 50 | 3 | OUTLET - FORKLIFT CHARGER | 26 |
| 27 | | | | 444 | В | 4800 | | | | 28 |
| 29 | | | | 444 | С | 4800 | | | | 30 |
| 31 | EXHAUST FAN EF-1 | 20 | 1 | 1176 | Α | | | | SPACE ONLY | 32 |
| 33 | SPACE ONLY | | | | В | | | | SPACE ONLY | 34 |
| 35 | SPACE ONLY | | | | С | | | | SPACE ONLY | 36 |
| 37 | SPACE ONLY | | | | А | | | | SPACE ONLY | 38 |
| 39 | SPACE ONLY | | | | В | | | | SPACE ONLY | 40 |
| 41 | SPACE ONLY | | | | С | | | | SPACE ONLY | 42 |
| | LOAD SUMMARY: | | ΦA | 8678 | VA | | BUSIN | lG∙ | 200A | |
| | | Φ B 7492 VA | | MAIN | | 200A | | | | |
| | | | | | NOTES | | * PROVIDE RED LOCK-ON DEVICE FOR F.A. CKT | S. | | |
| | CONNECTED LOAD: | | | 23.7 | | | | | | |
| | MAX CURRENT: | | | 72 | | | | | | |

13

A10 Panel Schedules

| 13 | 14 | 15 |
|----|----|----|

| | | 120/208 | / 3Φ 4\ | W 50kAIC | | | INDOOR / SURFACE | | | | | |
|------|--------|---------|---------|----------|-------|---------|---|------|--|--|--|--|
| ΞAK | ER | \/A | • | | BRE | AKER | DECONDENSION | CKT. | | | | |
| PC | DLE(S) | VA | Φ | VA | AMPS | POLE(S) | DESCRIPTION | NO. | | | | |
| | 1 | 150 | А | 1000 | 20 | 1 | OUTLETS - BACKBOARD | 2 | | | | |
| | 1 | 319 | В | 1000 | 20 | 1 | OUTLETS - BACKBOARD | 4 | | | | |
| | 2 | 125 | С | 1000 | 20 | 1 | * FIRE SPRINKLER SYSTEM | 6 | | | | |
| | 2 | 229 | А | 1000 | 20 | 1 | OUTLETS - BACKBOARD | 8 | | | | |
| | | 229 | В | 540 | 20 | 1 | OUTLETS - OFFICE | 10 | | | | |
| | 1 | | С | 720 | 20 | 1 | OUTLETS - OFFICE | 12 | | | | |
| | 1 | | А | 540 | 20 | 1 | OUTLETS - OFFICE | 14 | | | | |
| | 1 | | В | 720 | 20 | 1 | OUTLETS - STORAGE | 16 | | | | |
| | 1 | | С | 540 | 20 | 1 | OUTLETS - EXTERIOR, NE RESTROOM | 18 | | | | |
| | 2 | 3120 | А | 360 | 20 | 1 | OUTLETS - EXTERIOR, NW RESTROOM | 20 | | | | |
| | | 3120 | В | 2000 | 20 | 1 | HAND DRYER - NE RESTROOM | 22 | | | | |
| | 2 | 936 | С | 3000 | 30 | 1 | ** WATER HEATER - NE RESTROOM | 24 | | | | |
| | | 936 | А | 2000 | 20 | 1 | HAND DRYER - NW RESTROOM | 26 | | | | |
| | 1 | 696 | В | 3000 | 30 | 1 | ** WATER HEATER - NW RESTROOM | 28 | | | | |
| | | | С | 360 | 20 | 1 | OUTLETS - HAZMAT CONTAINER | 30 | | | | |
| | | | А | | 20 | 1 | SPARE | 32 | | | | |
| | | | В | | 20 | 1 | SPARE | 34 | | | | |
| | | | С | | 20 | 1 | SPARE | 36 | | | | |
| | | | А | | 20 | 1 | SPARE | 38 | | | | |
| | | | В | | 20 | 1 | SPARE | 40 | | | | |
| | | | С | | 20 | 1 | SPARE | 42 | | | | |
| c | ÞΑ | 9335 | VA | | BUSIN | G: | 200A | | | | | |
| Ċ | ΦВ | 11624 | VA | | MAIN: | | 150A | | | | | |
| Ċ | ΦC | 6681 | VA | I | NOTES | : | * PROVIDE RED LOCK-ON DEVICE FOR F.A. CKTS. | | | | | |
| | | 27.6 | kVA | | | | ** PROVIDE LOCK-OUT DEVICE FOR SERVICE | | | | | |
| 97 A | | | A | | | | | | | | | |

PANEL "B" SCHEDULE FOR REFERENCE ONLY. NOT INCLUDED IN BID.

PANEL "C" SCHEDULE FOR REFERENCE ONLY. NOT INCLUDED IN BID.

14

| | | G |
|---|---|---|
| PROFESSIONAL PROFESSIONAL SCOTT DAVIDO FINIT E17850 ★ PROFESSIONAL E17850 ★ PROFESSIONAL E17850 ★ | Hardin-Davidson Engineering 356 Pollasky Ave. Suite 200 Clovis, CA 93612 559.323.4995 tel www.hardin-davidson.com | |
| $\bigstar \begin{array}{c} C \xrightarrow{-38000} \\ C \xrightarrow{-38000} \\ C \xrightarrow{-38000} \\ C \xrightarrow{-38000} \\ C \xrightarrow{-77} \\ OF CALIFOR \end{array}$ | ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-21 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721 Office: (559) 600-4536 E-mail: tperez@fresnocountyca.gov | E |
| Project: Fresno County Environmental Compl Office / Storage Build Project Address: 310 S. West / APN: 458-060-72 Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Ave Landfill \ T90203 Environm 2018 ECC | ing Avenue, Fresno CA 93706 Building Numbers \ American | D |
| Sheet Conte Power Details and Sc | | с |
| Fresno County Departn Public Works and Plar Capital Projects 2220 Tulare Street, 8th Fresno, California 93 | nning Floor | B |
| Sheet No. E1.3 | | A |

Plotted on: 13.05.2021

Drawn by: CMV

| | Electrical Power Distribution | Electrical Power Distribution | STATE OF CALIFORNIA Electrical Power Distribution |
|-----|---|---|---|
| | NRCC-ELC-E CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE This document is used to demonstrate compliance with mandatory requirements in <u>\$130.5</u> , for electrical systems in newly constructed nonresidential, high-rise residential and hotal/match occumentians. Additions and alterations to electrical systems in these occuments will also use this document to domonstrate compliance with mandatory requirements in <u>\$130.5</u> , for electrical systems in newly constructed nonresidential, high-rise residential and hotal/match occuments and alterations. Additions and alterations to electrical systems in these occuments will also use this document to domonstrate compliance per 5141.0(a), or | NRCC-ELC-E CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-ELC-E Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 2 of 5) Project Name: 940.0. West Aur Pasts 7/00/0000 | NRCC-ELC-E CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-ELC-E Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 3 of 5 Straight Addresses 200 0. Work Aver |
| М | hotel/motel occupancies. Additions and alterations to electrical service systems in these occupancies will also use this document to demonstrate compliance per <u>§141.0(a)</u> or <u>§141.0(b)2P</u> for alterations Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 1 of 5) Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 | Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 D. EXCEPTIONAL CONDITIONS | Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 |
| | A. GENERAL INFORMATION 01 Project Location (city) Fresno 02 Occupancy Types Within Project: | This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. E. ADDITIONAL REMARKS E. ADDITIONAL REMARKS | This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with \$130.5(c). For alterations, only the altered circuits must demonstrate compliance per \$141.0(b)2Piii 01 02 03 04 05 |
| _ | Office □ Retail ☑ Warehouse □ Hotel/Motel □ School ☑ Support Areas □ Parking Garage □ High-Rise Residential □ Relocatable □ Healthcare Facilities ☑ Other (write in) See Table I | This table is includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. SERVICE ELECTRICAL METERING | Electrical Service Combined Voltage Drop on Installed Feeder/Branch Location of Voltage Drop Sheet Number for Voltage Drop Field Inspector Designation/Description Circuit Conductors Compliance Method Location of Voltage Drop Calculations in Construction Pass Fail |
| ſ | B. PROJECT SCOPE This table includes electrical systems that are within the scope of the permit application. | G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING | Panel A Voltage drop less than Permitted by CA Elec S% Code (Exception to 130.5(c))* Attached |
| _ | 01 02 03 04 05 Electrical Service Designation/Description Scope of Work ¹ Rating (kVA) Utility Provided Metering System Exception to §130.5(a) ² System subject to CA Elec Code Article 517 Exception to \$130.5(a) ² | This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with <u>\$130.5(b)</u> . Any load types that are not included in the service do not need to be shown. | * NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below. ¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible". |
| | Panel A New electrical service equipment and meter 54 X X | O1 O2 O3 O4 O5 Load Type per Table 130.5-B ¹ Minimum Required Separation of Load per Table 130.5-B Minimum Required Separation of Load per Table 130.5-B Location of Requirements in Construction Documents Field IIIspector Pass Fail | I.CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with <u>\$130.5(d)</u> . Both controlled and uncontrolled receptacles |
| | 06 Demand Response Controls 06 Demand Response Controls where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections \$120.2, \$130.1 and \$120.2 indicate when demand response controls are required. | Panel A Lighting including exit, egress and exterior All lighting in aggregate Method 1 E1.3 Image: Colspan="4">Image: Colspan="4" | must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms. 01 02 03 04 05 06 Room name or Location / Type of Controlled Permanent Durable Location of Requirements in Field Inspector |
| | ¹ FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c), no other requirements from 130.5 are required. ² Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period. | Plug Loads and appliances less than 25kVA Groups of plug loads exceeding 25 kVA connected load in an area less than 5000 sf Method 1 E1.3 Image: Content of the second seco | Description Receptacles Shut-Off Controls Marking Will be Used Construction Documents Pass Fail Panel A Within 6ft of uncontrolled receptacle Occupancy Sensor Image: Construction Documents Fail |
| | C. COMPLIANCE RESULTS Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below. | HVAC systems and components All HVAC in aggregate Method 1 E1.3 Image: Complex comp | * NOTES: If "Other*" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below. J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION |
| < | 01 02 03 04 05 Service Electrical Metering \$130,5(a) AND Separation for Monitoring \$130,5(c) AND Voltage Drop \$130,5(c) AND Controlled Receptacles \$130,5(d) | ² Method 1: Switchboards/ motor control centers/ panelboard loads disaggregated for each load type. Method 2: Switchboards/ motor control centers/ panelboard supply other distribution equipment with loads disaggregated for each load type. Method 3: Branch circuits serve load types individually and provisions for adding future branch circuit monitoring. | Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/ |
| | Interning Incoming Inc | Method 4: Complete metering system measures and reports loads by type. See Chapter 8 of the Nonresidential Compliance Manual for more detail on Compliance Methods. | Yes No Field Inspector • • NRCI-ELC-01-E - Must be submitted for all buildings • |
| | Registration Number: Registration Date/Time: Registration Provider: Energysoft | Registration Number: Registration Date/Time: Registration Provider: Energysoft | Registration Number: Registration Date/Time: Registration Provider: Energysoft |
| | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 Schema Version: rev 20190401 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 Schema Version: rev 20190401 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 Schema Version: rev 20190401 |
| | STATE OF CALIFORNIA Electrical Power Distribution NRCC-ELC-E CALIFORNIA ENERGY COMMISSION | STATE OF CALIFORNIA Indoor Lighting NRCC-LTI-E CALIFORNIA ENERGY COMMISSION | STATE OF CALIFORNIA Indoor Lighting NRCC-LTI-E CALIFORNIA ENERGY COMMISSION |
| í 📘 | CERTIFICATE OF COMPLIANCE NRCC-ELC-E Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 5 of 5) Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 | CERTIFICATE OF COMPLIANCE NRCC-LTI-E This document is used to demonstrate compliance with requirements in <u>§110.9</u> , <u>§110.12(c)</u> , <u>§130.0</u> , <u>§130.1</u> , <u>§140.6</u> and <u>§141.0(b)2</u> for indoor lighting scopes using the prescriptive path. | CERTIFICATE OF COMPLIANCE NRCC-LTI-I Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 2 of 7 Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 |
| | DOCUMENTATION AUTHOR'S DECLARATION STATEMENT | Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 1 of 7) Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 | C. COMPLIANCE RESULTS If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for auidance. |
| _ | I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: C. Scott Davidson | A. GENERAL INFORMATION 01 Project Location (city) Fresno 04 Total Conditioned Floor Area (ft ²) 592 02 Climate Zone 13 05 Total Unconditioned Floor Area (ft ²) 0 | If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance. Adjusted Lighting Power per §140.6(a) Compliance Results Lighting in conditioned and 01 02 03 04 05 06 07 08 09 |
| | Company: Signature Date: Hardin-Davidson Engineering 2020-07-20 Address: CEA/ HERS Certification Identification (if applicable): 356 Pollasky Ave., Suite 200 E17850 | 03 Occupancy Types Within Project (select all that apply): 06 # of Stories (Habitable Above Grade) 1 Image: Constraint of the second sec | unconditioned spaces must not be combined for Building Category Additional <u>\$140.6(c)3</u> = Total Allowed Building Category Additional <u>\$140.6(c)3</u> = Total Allowed (Watts) 05 must be >= 08 |
| | City/State/Zip: Phone: Clovis CA 93612 559-323-4995 | B. PROJECT SCOPE | $\frac{compliance per}{\underline{\$140.6[b]1}} \xrightarrow{\underline{\$140.6[c]2}} \underbrace{\underline{\$140.6[c]2}}_{(+)} \xrightarrow{\underline{\$140.6[c]2}} (+) \xrightarrow{\underline{\$140.6[c]2}} ($ |
| | I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I an eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements | Scope of Work Conditioned Spaces Unconditioned Spaces | Conditioned 349.6 0 = 349.6 ≥ 318.6 0 = 318.6 COMPLIES Unconditioned Image: Complex state of the |
| | of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable | O1 O2 O3 O4 O5 My Project Consists of (check all that apply): Calculation Method Area (ft ²) Calculation Method Area (ft ²) New Lighting System Area Category Method 592 Area Category Method 0 | Rated Power Reduction Compliance (See Table Q for Details) D. EXCEPTIONAL CONDITIONS |
| | inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. Responsible Designer Name: C. Scott Davidson Date Signed: Date Signed: | New Lighting System - Parking Garage Total Area of Work (ft ²) 592 | This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. E. ADDITIONAL REMARKS |
| | Hardin-Davidson Engineering 2020-07-20 Address: License: 356 Pollasky Ave., Suite 200 E17850 | | This table includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. INDOOR LIGHTING FIXTURE SCHEDULE |
| 6 | City/State/Zip: Phone: Clovis CA 93612 (559) 323-4995 | | This table includes all permanent designed lighting and all portable lighting in offices. Designed Wattage: Conditioned Spaces |
| | | | 01 02 03 04 05 06 07 08 09 10 Name or Item Tag Complete Luminaire Description Modular (Track) Fixture Color Change ¹ Small Aperture & Color Change ¹ Watts per luminaire ² How is Wattage determined Total Number of Luminaires Excluded per <u>\$140.6(a)3</u> Design Watts Field Inspector |
| | | | A 32.9w LED Flat Panel No No 32.9 CEC Default 4 No 131.6 |
| | Registration Number: Registration Date/Time: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | Registration Number: Registration Date/Time: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | Registration Number: Registration Date/Time: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 |
| | Schema Version: rev 20190401 | Schema Version: rev 20190401 STATE OF CALIFORNIA | Schema Version: rev 20190401 STATE OF CALIFORNIA |
| - | Indoor Lighting NRCC-LTI-E CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTI-E | Indoor Lighting NRCC-LTI-E CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTI-E | Indoor Lighting NRCC-LTI-E CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTI-I |
| | Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 4 of 7) Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 | Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 5 of 7) Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 | Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 6 of 7 Project Address: 310 S. West Ave. Date Prepared: 7/20/2024 |
| _ | H. INDOOR LIGHTING CONTROLS (Not including PAFs) Area Level Controls | I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS Electrical Room Electrical Mechancial Telephone Room 0.4 40 16 No No | S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF) This section does not apply to this project. |
| | 04 05 06 07 08 09 10 11 12 Complete Building or Area Cotegory Primary Function Area Description Cotegory Primary Function Area Controls Multi-Level Controls Shut-Off Controls Primary/Sky lit Secondary Davlighting Interlocked Field Inspector | TOTALS: 592 349.6 See Tables J, or P for detail | T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at |
| Ξ | Area Description Category Primary Function Area Area Controls \$130.1(a) Controls \$130.1(b) Sind on controls \$130.1(c) Davlighting \$130.1(c) Davlighting \$140.6(d) Systems \$140.6(c) Pass Fail | This section does not apply to this project. K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE | Additional networks. Intest be provided to the balancing inspector damage onstruction and thin be joint drive of the point of the balancing inspector damage on the balancing inspector damage of |
| | Office Office 250 square feet or less Manual ON/OFF Dimmer Occupancy Sensor Included Included No Image: Company Sensor Storage Warehouse Manual ON/OFF Dimmer Occupancy Sensor N/A N/A No Image: Company Sensor | This section does not apply to this project. L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY | Image: Constraint of the system of the sy |
| | Electrical Room Electrical Mechancial Telephone Room Manual ON/OFF Dimmer Occupancy Sensor N/A N/A No I | This section does not apply to this project. M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING | NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a |
| | Restrooms Manual ON/OFF Dimmer Occupancy Sensor N/A N/A No I *NOTES: Controls with a * require a note in the space below explaining how compliance is achieved. EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | This section does not apply to this project. N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS | U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE |
| | to <u>\$130.1(d)2</u> Plan Sheet Showing Daylit Zones: E1.4 | This section does not apply to this project. O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE | Selections have been made based on information provided in this document. If any selection have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html |
|) | I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS Each area complying using the Complete Building or Area Category Methods per <u>§140.6(b)</u> are included in this table. Column 06 indicates if additional lighting power allowances per <u>§140.6(c)</u> or adjustments per <u>§140.6(a)</u> are being used. | This section does not apply to this project. P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF)) | Yes No Field Inspector Pass Fail |
| | Conditioned Spaces 01 02 03 04 05 06 | This section does not apply to this project. Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS | Image: NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls. Image: NRCA-LTI-03-A - Must be submitted for automatic daylight controls. Image: NRCA-LTI-03-A - Must be submitted for demand responsive lighting controls. Image: NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls. Image: NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls. Image: NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls. |
| | Area Description Complete Building or Area Category Primary Function Area Allowed Density (W/ft ²) Area (ft ²) Allowed Wattage (Watts) Additional Allowarce / Adjustment Office Office 250 square feet or less 0.7 216 151.2 No No | This section does not apply to this project. | NRCA-LTI-05-A Must be submitted for institutional tuning power adjustment factor (PAF) |
| | Storage Commercial Industrial Storage Area 0.45 180 81 No No Restrooms Restrooms 0.65 156 101.4 No No Registration Number: Registration Date/Time: Registration Provider: Energysoft | R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS This section does not apply to this project. Registration Number: Registration Date/Time: Registration Provider: Energysoft | Registration Number: Registration Provider: Energysoft |
| 1 | Registration Number: Registration Date/ Time: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Schema Version: rev 20190401 Report Generated: 2020-07-20 11:42:08 | Registration Number: Registration Date/ lime: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 Schema Version: rev 20190401 Schema Version: rev 20190401 Report Generated: 2020-07-20 11:42:08 | Kegistration Number: Kegistration Date/ Iime: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 Schema Version: rev 20190401 |

 1
 2
 3
 4
 5
 6
 7
 8
 9
 10

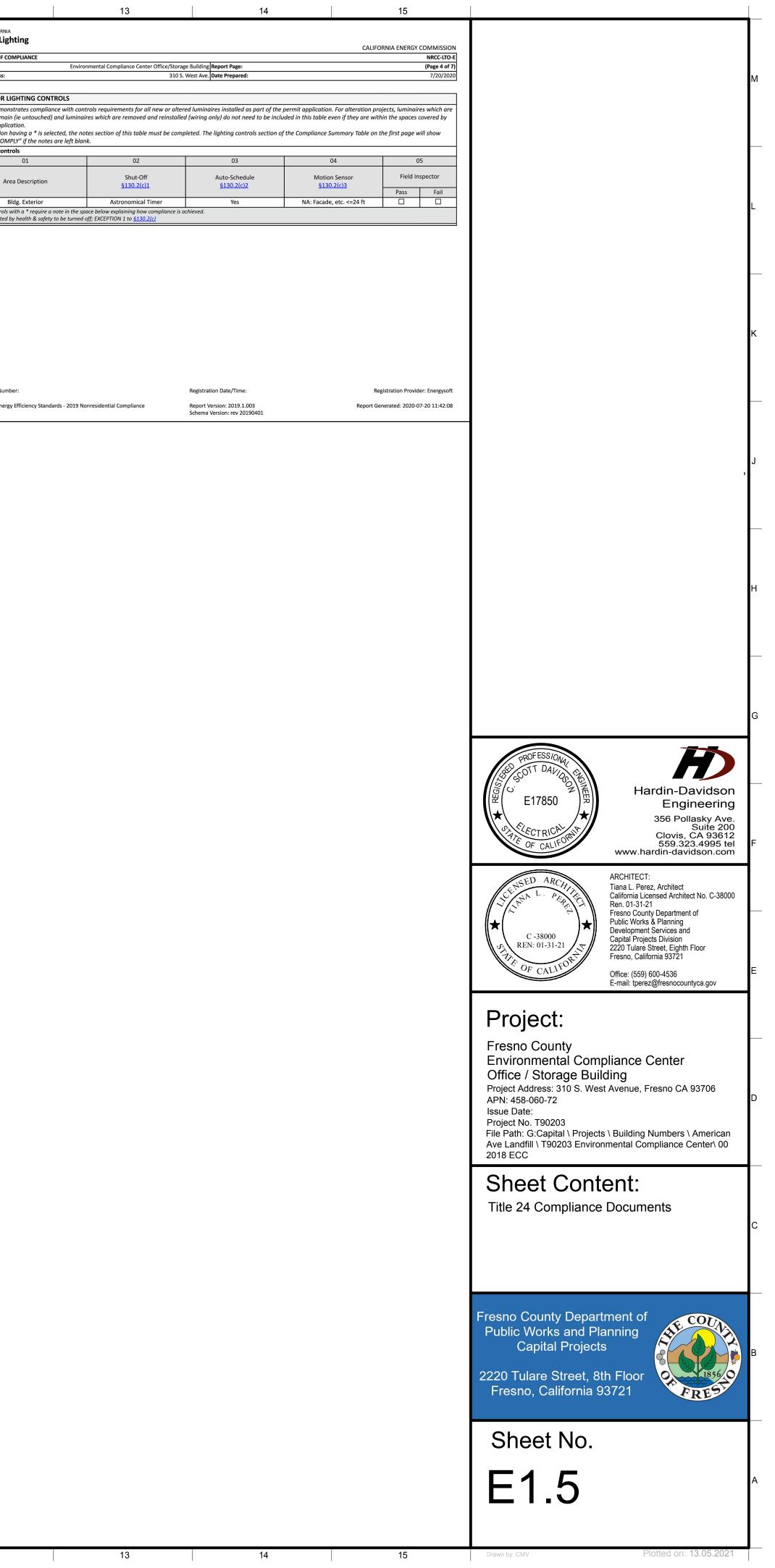


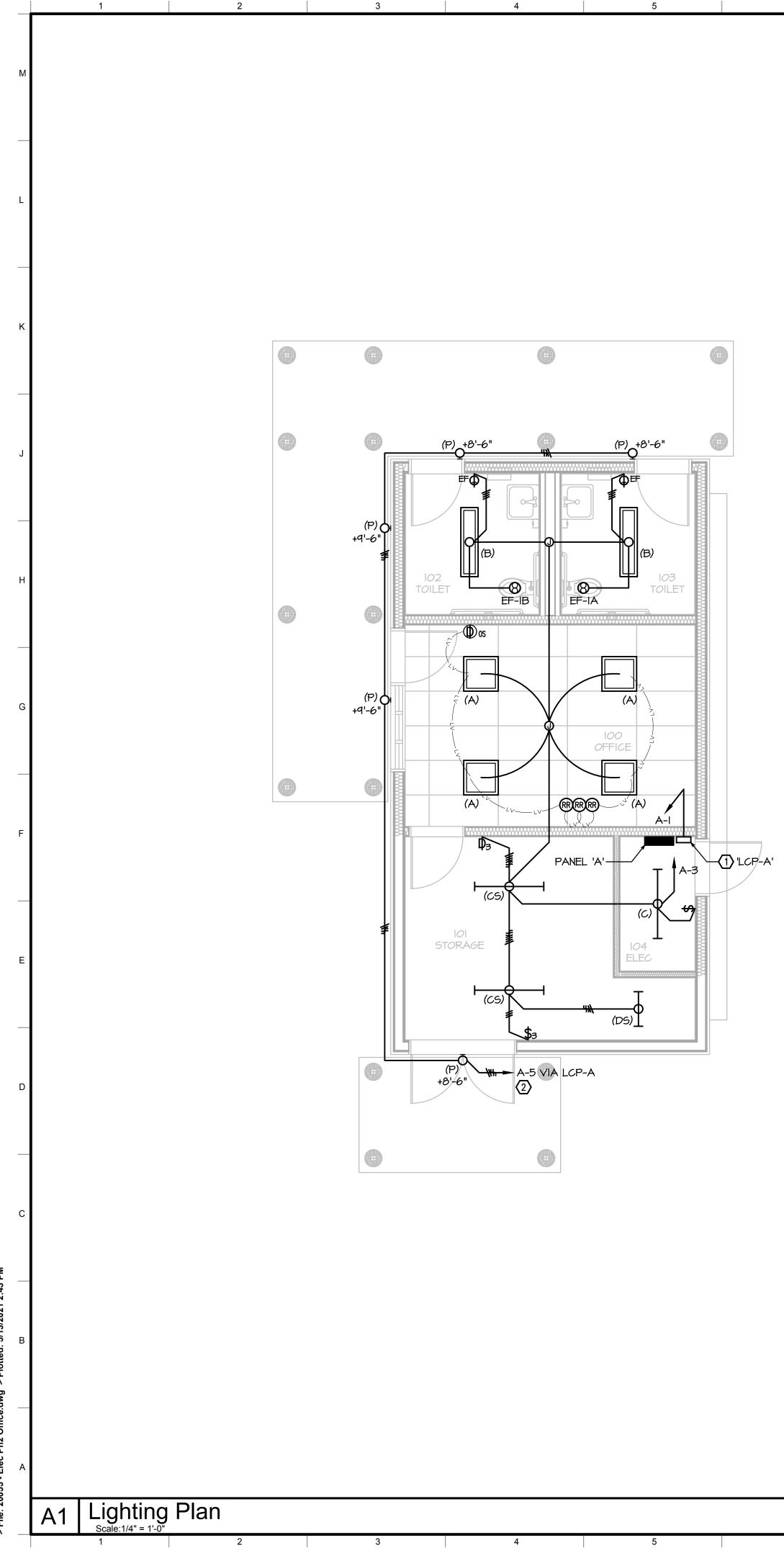
•

| 12 | 13 | 14 | 15 | | |
|---|--|--|---|---|---|
| state of california Electrical Power Distribu | tion | | | | |
| NRCC-ELC-E CERTIFICATE OF COMPLIANCE Project Name: Envir | onmental Compliance Center Office/Storage Bu | iilding Report Page | CALIFORNIA ENERGY COMMISSION NRCC-ELC-E (Page 4 of 5) | | |
| Project Address: | | t Ave. Date Prepared: | 7/20/2020 | | |
| K. DECLARATION OF REQUIRED CER | TIFICATES OF ACCEPTANCE applicable to electrical power distribution requ | irements | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Registration Number: | R | egistration Date/Time: | Registration Provider: Energysoft | | |
| CA Building Energy Efficiency Standard | | eport Version: 2019.1.003 chema Version: rev 20190401 | Report Generated: 2020-07-20 11:42:08 | | |
| STATE OF CALIFORNIA | | | | | |
| Indoor Lighting NRCC-LTI-E CERTIFICATE OF COMPLIANCE | | | CALIFORNIA ENERGY COMMISSION NRCC-LTI-E | | |
| | Environmental Compliance Center Office/Storage Bu 310 S. Wes | uilding Report Page: st Ave. Date Prepared: | (Page 3 of 7) 7/20/2020 | | |
| F. INDOOR LIGHTING FIXTURE SCHE | DULE | | | | |
| C 30.0w LED Strip Light CS 30.0w LED Strip Light | No No 30 | CEC Default 1 No CEC Default 2 No | 30 | | |
| DS 17.0w LED Strip Light | | CEC Default 2 NO CEC Default 1 No Total Designed Watts: CONDITIONED SPAC | 17 🗆 🗆 | | |
| | rture and color changing luminaires which qua buld enter full rated wattage in column 05. | lify per <u>§140.6(a)4B</u> is adjusted to be 75% of their ra | | | |
| | | ed for compliance per <u>§130.0(c)</u> Wattage used must i | e the maximum rated for the luminaire, not | | |
| G. MODULAR LIGHTING SYSTEMS | - | | | | |
| This section does not apply to this proje | | | | | |
| This table includes lighting controls for c | onditioned and unconditioned spaces. When a | control having a * is shown, the notes section of this e on the first page will show "DOES NOT COMPLY" if t | | | |
| Building Level Controls | 1 | 02 | 03 | | |
| Mandatory Demand | | Shut-off controls §130.1(c) | Field Inspector Pass Fail | | |
| Not Required | <= 10,000 SF | Whole Building Other | | | |
| | | | | | |
| | | | | | |
| | | | | PROFESS/ONLY | Ð |
| | | | | E17850 | |
| Registration Number: | | egistration Date/Time: | Registration Provider: Energysoft | | Hardin-Davidson Engineering |
| CA Building Energy Efficiency Standards - 20 | | eport Version: 2019.1.003 chema Version: rev 20190401 | Report Generated: 2020-07-20 11:42:08 | * | 356 Pollasky Ave. Suite 200 |
| state of california Indoor Lighting | | | | OF CALIFORNIE | Clovis, CA 93612 559.323.4995 tel |
| NRCC-LTI-E CERTIFICATE OF COMPLIANCE | | | CALIFORNIA ENERGY COMMISSION NRCC-LTI-E | | www.hardin-davidson.com |
| Project Name: Project Address: | Environmental Compliance Center Office/Storage Bu 310 S. Wes | st Ave. Date Prepared: | (Page 7 of 7) 7/20/2020 | CHSED ARCH | ARCHITECT: Tiana L. Perez, Architect |
| DOCUMENTATION AUTHOR'S DECLA | | | | | California Licensed Architect No. C-38000 Ren. 01-31-21 Fresno County Department of |
| Documentation Author Name: C. Scott Davidson | pliance documentation is accurate and co | Documentation Author Signature: | | | Public Works & Planning Development Services and |
| Company: Hardin-Davidson Engineering | | Signature Date: 2020-07-20 | | N REN: 01-31-21 | Capital Projects Division 2220 Tulare Street, Eighth Floor |
| Address: 356 Pollasky Ave., Suite 200 City/State/Zip: | | CEA/ HERS Certification Identification (if applicable): E17850 Phone: | | OF CHILEOR | Fresno, California 93721 Office: (559) 600-4536 |
| Clovis CA 93612 RESPONSIBLE PERSON'S DECLARATI | | 559-323-4995 | | | E-mail: tperez@fresnocountyca.gov |
| 2. I am eligible under Division 3 of the B | ificate of Compliance is true and correct. Isiness and Professions Code to accept responsibility for tl | he building design or system design identified on this Certificate o | | Draigat | |
| of Title 24, Part 1 and Part 6 of the Ca 4. The building design features or system | ifornia Code of Regulations. design features identified on this Certificate of Complian | I devices for the building design or system design identified on this ce are consistent with the information provided on other applicab | | Project: | |
| 5. I will ensure that a completed signed a inspections. I understand that a comp | the enforcement agency for approval with this building pe copy of this Certificate of Compliance shall be made availa leted signed copy of this Certificate of Compliance is requi | ble with the building permit(s) issued for the building, and made a ired to be included with the documentation the builder provides t | vailable to the enforcement agency for all applicable o the building owner at occupancy. | Fresno County | lianco Contor |
| Responsible Designer Name: C. Scott Davidson Company: | | Responsible Designer Signature: | | Environmental Comp Office / Storage Build | |
| Hardin-Davidson Engineering Address: | | 2020-07-20 License: | | Project Address: 310 S. West APN: 458-060-72 | |
| 356 Pollasky Ave., Suite 200 City/State/Zip: Clovis CA 93612 | | E17850 Phone: (559) 323-4995 | | Issue Date: | |
| | | | | Project No. T90203 File Path: G:Capital \ Projects | |
| | | | | Ave Landfill \ T90203 Environr 2018 ECC | nemai Compliance Center\ 00 |
| | | | | Sheet Conte | nt: |
| Registration Number: | Re | egistration Date/Time: | Registration Provider: Energysoft | | |
| CA Building Energy Efficiency Standards - 20 | | eport Version: 2019.1.003 hema Version: rev 20190401 | Report Generated: 2020-07-20 11:42:08 | Title 24 Compliance | Documents |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | Fresno County Departr | |
| | | | | Public Works and Pla Capital Projects | |
| | | | | | |
| | | | | 2220 Tulare Street, 8th Fresno, California 93 | |
| | | | | | TRES |
| | | | | | |
| | | | | Sheet No. | |
| | | | | E1.4 | |
| | | | | ⊢1 4 | |
| | | | | | |
| | | | | | |
| 12 | 13 | 14 | 15 | Drawn by: CMV | Plotted on: 13.05.2021 |
| · | | | | 1 | |

11

| | 1 2 3 4 | 5 6 7 | | | | |
|------------------|--|---|---|---|---|--|
| | STATE OF CALIFORNIA Outdoor Lighting NRCC-LTO-E CALIFORNIA ENERGY COMMISSION | state of california Outdoor Lighting NRCC-LTO-E | CALIFORNIA ENERGY COMMISSION | STATE OF CALIFORNIA Outdoor Lighting NRCC-LTO-E | | S CALIFORNIA ENERGY COMMISSION |
| | CERTIFICATE OF COMPLIANCE NRCC-LTO-E Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 1 of 7) | CERTIFICATE OF COMPLIANCE Project Name: Environmental Compliance Center Office/Storage Building Report Page: | NRCC-LTO-E (Page 2 of 7) | CERTIFICATE OF COMPLIANCE Project Name: Environmental Compliance Center Office/Store | | NRCC-LTO-E (Page 3 of 7) |
| Μ | Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 | Project Address: 310 S. West Ave. Date Prepared: | 7/20/2020 | | S. West Ave. Date Prepared: | 7/20/2020 |
| | OI Project Location (city) Fresno O4 Total Illuminated Hardscape Area (ft ²) 1435 | C. COMPLIANCE RESULTS Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIE. to Table D. Exceptional Conditions for guidance or see applicable Table referenced below. | S with Exceptional Conditions" refer | F. OUTDOOR LIGHTING FIXTURE SCHEDULE For new or altered lighting systems demonstrating compliance with <u>\$140.7</u> all n covered by the permit application are included in the Table below. For altered lig | | |
| | 03 Outdoor Lighting Zone per Title 24 Part 1 \$10.114 or as designated by Authority Having Jurisdiction (AHJ): □ LZ-0: Very Low - Undeveloped Parkland □ LZ-2: Moderate - Rural Areas □ LZ-4: High - Must be reviewed by CA Energy Commission for Approval | | 08 09 | replacement luminaires being installed as part of the project scope are included Designed Wattage: | | |
| _ | LZ-1: Low - Developed Parkland IZ-3: Moderately High - Urban Areas B. PROJECT SCOPE | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | Total Actual 07 must be >= 08 | 01 02 03 | 04 05 06 07 How is Total number Luminaire Excluded per | Cutoff Req. > Field |
| | This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in <u>\$140.7</u> or <u>\$141.0(b)2L</u> for alterations. | §140.7(d)1 (See Table I) \$140.7(d)2 (See Table K) \$140.7(d)2 (See Table L) \$140.7(d)2 (See Table L) \$140.7(d)2 (See Table M) (Watts) | (Watts) | Tag Complete Luminaire Description | Wattage etermined luminaires ² Status ³ <u>\$140.7(a)</u> | Design Watts 6,200 initial lumen output <u>§130.2(b)</u> ⁴ Pass Fail |
| , | My Project Consists of: 01 02 | 431.88 + + + OR = 431.88 ≥ Cutoff Compliance (See Table G for Details) | 125 COMPLIES N/A COMPLIES | P 25.0w LED Wall Light Linear 25 Cl | EC Default 5 New Total Design Watts | 125 NA: < 6200 lumens □ □ |
| | Image: New Lighting System Must Comply with Allowances from §140.7 Image: Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? | D. EXCEPTIONAL CONDITIONS | COMPLIES | * NOTES: Selections with a * require a note in the space below explaining how complianc EX: Luminaire is lighting a statue; EXCEPTION 2 to <u>\$130.2(b)</u> | | |
| | 03 04 05 % of Existing Luminaires Being Altered ¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10% | This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. | | ¹ FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm w ² For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. To ³ Select "New" for new luminaires in a new outdoor lighting project, or for added luminaire | atal linear feet should be indicated in column 05 instead of numl | |
| | <i>Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires. I FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.</i> | E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction. | | for existing luminaires within the project scope that are not being altered and are remain the project scope. ⁴ Compliance with mandatory cutoff requirements is required for luminaires with initial lu | ng. Select "Existing Reinstalled" for existing luminaires which are | |
| | | | | G. CUTOFF REQUIREMENTS (BUG) | | |
| | | | | This section does not apply to this project. | | |
| к | | | | | | |
| | | | | | | |
| | | | | | | |
| _ | Registration Number: Registration Date/Time: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | | Registration Provider: Energysoft Report Generated: 2020-07-20 11:42:08 | Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Registration Date/Time: Report Version: 2019.1.003 | Registration Provider: Energysoft Report Generated: 2020-07-20 11:42:08 |
| ┢ | Schema Version: rev 20190401 | Schema Version: rev 20190401 | | | Schema Version: rev 20190401 | |
| | STATE OF CALIFORNIA Outdoor Lighting NRCC-LTO-E CALIFORNIA ENERGY COMMISSION | state of california Outdoor Lighting NRCC-LTO-E | CALIFORNIA ENERGY COMMISSION | STATE OF CALIFORNIA Outdoor Lighting NRCC-LTO-E | | CALIFORNIA ENERGY COMMISSION |
| J | CERTIFICATE OF COMPLIANCE NRCC-LTO-E Project Name: Environmental Compliance Center Office/Storage Building Report Page: (Page 5 of 7) | CERTIFICATE OF COMPLIANCE Project Name: Environmental Compliance Center Office/Storage Building Report Page: | NRCC-LTO-E (Page 6 of 7) | CERTIFICATE OF COMPLIANCE Project Name: Environmental Compliance Center Office/Stor | 5 5 1 5 | NRCC-LTO-E (Page 7 of 7) |
| | Project Address: 310 S. West Ave. Date Prepared: 7/20/2020 | Project Address: 310 S. West Ave. Date Prepared: | 7/20/2020 | | S. West Ave. Date Prepared: | 7/20/2020 |
| | I. LIGHTING POWER ALLOWANCE (per §140.7) This table includes areas using allowance calculations per §140.7. General Hardscape Allowance is per Table 140.7-4 while "live is a loss it" Allowances are per Table 140.7-8 | N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only) This section does not apply to this project. | | DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate a | • | |
| | Allowance is per Table 140.7-A while "Use it or lose it" Allowances are per Table 140.7-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use the qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use Allowance Application Table 140.7-B. Hardscape Allowance A | O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation | should be included in Table F | Documentation Author Name: C. Scott Davidson Company: | Documentation Author Signature: Signature Date: | |
| | it or lose it" allowance. Application Table J Table K Table L Table M Table General Hardscape Lighting Power Allowance per Table 140.7-A (LZ 0, 1 & 4) | Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/ | | Hardin-Davidson Engineering Address: 356 Pollasky Ave., Suite 200 | CEA/ HERS Certification Identification (if applicable): E17850 | |
| | This section does not apply to this project. Calculated General Hardscape Lighting Power Allowance per Table 140.7-A (LZ 2 & 3) | Yes No Form/Title Image: Comparison of the system | Field Inspector Pass Fail Image: Contract of the second | City/State/Zip: Clovis CA 93612 | Phone: 559-323-4995 | |
| Н | 02 03 04 05 06 07 08 9 10 Area Wattage Allowance (AWA) Area Wattage Allowance (AWA) Area Wattage Allowance (AWA) Total General | NRCI-LTO-01-E - Must be submitted for all buildings NRCI-LTO-02-E- Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to recognized for compliance. | | RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. | | |
| | Area Description Surface Type Illuminated Allowed Area Allowance Perimeter Allowed Density (W/lf) Allowance AWA + LWA Marea (ft ²) Marea (ft ²) Marea (ft ²) Marea Allowed Marea Allowance Marea (lff) Marea Marea Allowed Marea | P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE | should be testing to prove the | I am eligible under Division 3 of the Business and Professions Code to accept responsibili The energy features and performance specifications, materials, components, and manuf of Title 24, Part 1 and Part 6 of the California Code of Regulations. | actured devices for the building design or system design identified on t | nis Certificate of Compliance conform to the requirements |
| | Walkway Asphalt 1435 0.03 35.875 184 0.4 46 81.875 Initial Wattage Allowance for Entire Site (Watts): 350 | Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptanc Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html | | The building design features or system design features identified on this Certificate of Coplans and specifications submitted to the enforcement agency for approval with this built. I will ensure that a completed signed copy of this Certificate of Compliance shall be mad inspections. I understand that a completed signed copy of this Certificate of Compliance | ding permit application. e available with the building permit(s) issued for the building, and made | e available to the enforcement agency for all applicable |
| | Total General Hardscape Allowance (Watts): 431.875 | Yes No Form/Title | Field Inspector Pass Fail | Responsible Designer Name: C. Scott Davidson | Responsible Designer Signature: | |
| | This section does not apply to this project. | NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= Iuminaires. | | Company: Hardin-Davidson Engineering Address: | Date Signed: 2020-07-20 License: | |
| G | K. LIGHTING ALLOWANCE: SALES FRONTAGE This section does not apply to this project. | | | 356 Pollasky Ave., Suite 200 City/State/Zip: Clovis CA 93612 | E17850 Phone: (559) 323-4995 | |
| Ŭ | L. LIGHTING ALLOWANCE: ORNAMENTAL This section does not apply to this project. | | | | | |
| | M. LIGHTING ALLOWANCE: PER SPECIFIC AREA | | | | | |
| | This section does not apply to this project. | | | | | |
| | | Registration Number: Registration Date/Time: | Registration Provider: Energysoft | Registration Number: | Registration Date/Time: | |
| | Registration Number: Registration Date/Time: Registration Provider: Energysoft | | | | | Registration Provider: Energysoft |
| | Registration Number: Registration Date/Time: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 Schema Version: rev 20190401 Schema Version: rev 20190401 Schema Version: rev 20190401 | | Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 Schema Version: rev 20190401 | Registration Provider: Energysoft Report Generated: 2020-07-20 11:42:08 |
| - | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| F E | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E C | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E C | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D B | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | C A Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D B | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | C A Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D B | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | C A Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D B | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | C A Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E E B A | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E D A | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Norresidential Compliance | Report Version: 2019.1.003 | |
| | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |
| E | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 Report Generated: 2020-07-20 11:42:08 | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.1.003 | | CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance | Report Version: 2019.1.003 | |





: 20055 - Elec Ph2 Office.dwg > Plotted: 5/13/202

| 6 | 7 | 8 | | 9 | | 10 | | 11 | | 12 |
|---|---|----|-------------------|--------|------|----------|---|----------------|-------------------------------|----------------------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | _ | | | | |
| | | | | | | | | | | |
| | | | | | | | | HDQ 2 26 +4 | 28 ∭ | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | Ψ | - \\ - - \ | ≱∆ |
| | | | | | | | | | | |
| | | | | | | | | | | 29 |
| | | | | | | | 20 ₽ ≢ ₽ ₁₄ | | A | -10,12,14 |
| | | | | | | 0 | | 24) | IO I2 I4 RRRR | |
| | | | | | | | | | V | |
| | | | | | | | | | A-2, | |
| | | | | | | | | | | 18,20 |
| | | | | | | | €. | | | ₩₩ 16 / |
| | | | | | | | | \ #I# | | ≢ ! ▲ A-27 |
| | | | | | | | Ц | | | |
| | | | | | | | • | | P _{I8} | Ę |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | A8 | Power | and Lo | w Vo | Itage Pl | an | | | |
| 6 | 7 | AO | Scale:1/4" = 1'-0 | 9 | | 10 | | 11 | | 12 |
| | | | | | | | | | | |

| | 13 | 14 | 15 | | |
|--|--|----|----|--|---|
| Normal and the second s | | | | LIGHTING CONTROL PANEL: LITHONIA ILIGHT ARP PANEL. MOUNT ADJACENT TO POMER PANEL. CONNECT EXTERIOR LIGHTING POMER AND DIMMING CONDUCTORS. PROVIDE VIOLET & GRAY O-IOV DIMMING CONDUCTORS ALONG WITH POMER CONDUCTORS. 3/4" x ô FT. HIGH FIRE RESISTANT PLYWOOD BACKBOARD. INSTALL OUTLETS AT 24" AFF AND 72" AFF WHERE SHOWN. MOUNT UTILITY MPOE, DATA, VOICE, INTRUSION, SPRINKLER MONITOR, AND LEAK DETECTION PANELS AT THIS BOARD. PROVIDE 12" COPPER COMMUNICATION BUS BAR ON STAND-OFFS. RUN #6 GREEN GROUND WIRE TO MAIN PANEL GEC. NETWORK ELECTRONICS CABINET. MOUNT ANNUNCIATORS FOR LEAK DETECTION EQUIPMENT AT THIS WALL. PROVIDE STEEL CABINET WITH HINGED DOOR AND MOUNT FLUSH IN WALL, 4" BELOW CEILING: HAMMOND #INIWFIO24, OR SIMILAR, INSTALL FUSING AND VALVE TRANSFORMER AT INTERIOR AND CONNECT LOW VOLTAGE CABLING TO SINK AND FLUSH VALVES. SPRINKLER MONITOR PANEL AND LITE DIALER. PROVIDE 120V DEDICATED CIRCUIT AND INSTALL RED LOCK-ON DEVICE ON CIRCUIT BREAKER. CONNECT PIV TAMPER, RISER TAMPER, AND RISER FLOM SWITCHES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING DRAWINGS, CALCULATIONS, AND CUT SHEETS, AND SUBMITTING THOSE TO THE AHJ TO OBTAIN PERMITS FOR THE SPRINKLER RISER BELL. CONNECT TO FLOM SMITCH AND NETWER, RISER TAMPER, AND SUBMITTING THOSE TO THE AHJ 10 OBTAIN PERMITS FOR THE SPRINKLER RISER BELL. CONNECT TO FLOM SMITCH AND RISER BELL ON NOTED POWER. MP J-BOX FOR FIRE SPRINKLER RISER BELL. CONNECT TO FLOM SMITCH AND RISER BELL ON NOTED POWER. MP J-BOX FOR FIRE SPRINKLER RISER TAMPER AND FLOM SMITCHES. RUN 3/4"C. TO SPRINKLER RISER PANEL. MP J-BOX FOR FIRE SPRINKLER RISER TAMPER AND FLOM SMITCHES. RUN 3/4"C. TO SPRINKLER RISER PANEL. MP J-BOX FOR FIRE SPRINKLER RISER TAMPER AND FLOM SMITCHES. RUN 3/4"C. TO SPRINKLER RISER PANEL. MP J-BOX FOR FIRE SPRINKLER RISER TAMPER AND FLOM SMITCHES. RUN 3/4"C. TO SPRINKLER RISER PANEL. | |
| art Project: Fresno County Environmental Compliance Center Office / Storage Building Project Address: 310.5. Weak Avenue, Fresno CA 93708 Arth: 46:0007.2 Base Date: Project No: Project No: Project No: Electrical Plans | A $ A $ | | | Hardin-Davidson Engineering 356 Pollasky Ave. Suite 200 Clovis, CA 93612 559.323.4995 tel www.hardin-davidson.com ARCHITECT: Tiana L. Perez, Architect California Licensed Architect No. C-38000 Ren. 01-31-21 Fresno County Department of Public Works & Planning Development Services and Capital Projects Division 2220 Tulare Street, Eighth Floor Fresno, California 93721 Office: (559) 600-4536 | F |
| Office/Storage Building Electrical Plans c Fresno County Department of Public Works and Planning Capital Projects for the project of the pr | | | | Fresno County Environmental Compliance Center Office / Storage Building Project Address: 310 S. West Avenue, Fresno CA 93706 APN: 458-060-72 Issue Date: Project No. T90203 File Path: G:Capital \ Projects \ Building Numbers \ American Ave Landfill \ T90203 Environmental Compliance Center\ 00 2018 ECC | D |
| Fresno, California 93721 Sheet No. E2.1 | | | | Office/Storage Building Electrical Plans | |
| 13 14 15 Drawn by: CMV Plotted on: 13.05.2021 | 13 | 14 | 15 | Fresno, California 93721 | A |