

DETAIL / DRAWING

- DETAIL / DRAWING

SUB-TITLE

**TD-VIEW TITLE SUB-TITLE** 

## **ABBREVIATIONS**

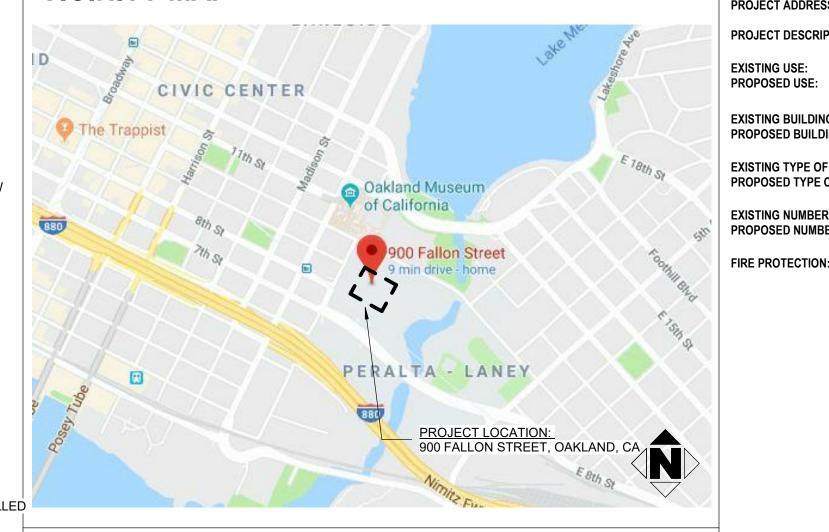
HORZ HORIZONTAL ALUMINUM PLAM PLASTIC LAMINATE A/V AUDIO-VISUAL HSS HOLLOW STRUCTURAL SECTION RO ROUGH OPENING HT HEIGHT REV REVISION RM ROOM INTERNATIONAL BUILDING CLEAR ANODIZED CF/CI CONTRACTOR FURNISHED CODE SOLID CORE CONTRACTOR INSTALLED ID SHEET METAL CONTROL JOINT INCH SMS SHEET METAL SCREW **CENTER LINE** SIM SIMILAR CMU CONCRETE MASONRY UNIT JT SPEC SPECIFICATION COL COLUMN SQUARE STAINLESS STEEL CONC CONCRETE KNOCK-DOWN FRAME CONT CONTINUOUS STD STANDARD LAV LAVATORY STL STEEL LBS POUNDS LTWT LIGHT WEIGHT TEMPERED GLASS DIAMETER DIM DIMENSION TLT TOILET MATCH EXISTING TYP TYPICAL MDF MEDIUM DENSITY FIBERBOARD LABORATORY **EXPANSION JOINT** MFR MANUFACTURER MHO MAGNETIC HOLD-OPEN U/S UNDERSIDE EQ EQUAL EQPT EQUIPMENT MASONRY OPENING U.N.O. UNLESS NOTED MAX MAXIMUM OTHERWISE MIN MINIMUM FIRE-RATED GLASS MISC MISCELLANEOUS VERT VERTICAL FROSTED FIRE-RATED GLASS VF/VI VENDOR FURNISHED **VENDOR INSTALLED** VF/CI VENDOR FURNISHED FTG FROSTED TEMPERED GLASS N/A NOT APPLICABLE FTDF FIRE TREATED DOUGLAS FIR NTS NOT TO SCALE CONTRACTOR INSTALLED FOF FACE OF FINISH FOS FACE OF STUD ON CENTER W/O WITHOUT WD WOOD OUTSIDE DIAMETER WT WEIGHT GALVANIZED IRON OF/CI OWNER FURNISHED CONTRACTOR INSTALLED OF/OI OWNER FURNISHED DWNER INSTALLED OH OPPOSITE HAND

### **APPLICABLE CODES AND STANDARDS**

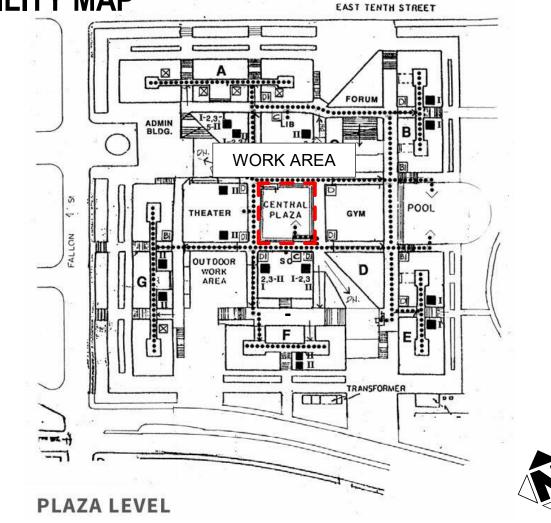
- 2019 CALIFORNIA ADMINISTRAVIE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2019 CALIFORNIA BUILDING CODE (CBC) 2019 CALIFORNIA ELECTRICAL CODE (CEC)
- PART 3, TITLE 24, CCR
- 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR
- 2019 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR
- 2019 CALIFORNIA ENERGY CODE PART 6, TITLE 24, CCR
- 2019 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CCR
- 2019 CALIFORNIA GREEN BUILDING CODE (CGC) PART 11, TITLE 24, CCR
- 2019 CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE BUILDING IN ACCORDANCE WITH CALIFORNIA BUILDING STANDARDS CODE, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR), SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED PLANS SPECIFICATIONS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24. CALIFORNIA CODE OF REGULATIONS (CCR), A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT (OSHPD) BEFORE PROCEEDING WITH THE WORK.

### **VICINITY MAP**



## **FACILITY MAP**



# **REVISION HISTORY**

UPDATE CRITERIA DOCUMENTS FOR DESIGN BUILD RFP

APRIL 3, 2020 AUGUST 10, 2020

LOCKER ROOM **EXISTING USE:** PROPOSED USE: LOCKER ROOM (NO CHANGE)

EXISTING BUILDING OCCUPANCY: PROPOSED BUILDING OCCUPANCY: A-3 (NO CHANGE)

**EXISTING TYPE OF CONSTRUCTION:** PROPOSED TYPE OF CONSTRUCTION: I-A (NO CHANGE)

**EXISTING NUMBER OF STORIES:** PROPOSED NUMBER OF STORIES: 1 (NO CHANGE)

**PROJECT TEAM** 

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G-012 PROJECT SYNOPSIS FIRE LIFE SAFETY PLAN G-140 ACCESSIBILITY SITE PLAN G-140B (E) ACCESSIBLE PARKING LOT G-140C (E) ACCESSIBLE PARKING LOT DETAILS G-140D (E) ACCESSIBLE CROSSWALK G-141 ACCESSIBILITY PLAN - AREA OF ALTERATION ACCESSIBILITY DETAILS ACCESSIBILITY DETAILS G-531 G-532 ACCESSIBILITY DETAILS ARCHITECTURAL ARCHITECTURAL GENERAL NOTES A-002 CONCEPT DESIGN LEVEL 1 OVERALL DEMOLITION PLAN

**SHEET INDEX** 

LEVEL 1 OVERALL REFLECTED CEILING DEMOLITION PLAN A-121 LEVEL 1 OVERALL FLOOR PLAN A-131 LEVEL 1 OVERALL REFLECTED CEILING PLAN FRAMING DETAILS

A-530 TYPICAL CEILING DETAILS A-531 TYPICAL CEILING DETAILS CASEWORK DETAILS A-550 INTERIOR DETAILS A-600 DOOR AND WINDOW SCHEDULE INTERIORS LEVEL 1 FINISH PLAN

LEVEL 1 - ENTRANCE LEVEL 1 - COMMON AREA LEVEL 1 - HALLWAY LEVEL SL 2 SEGMENT A FINISH PLAN LEVEL 1 - TEAM ROOM LEVEL 1 - TRAINING ROOM LEVEL 1- WOMENS GENERAL LOCKER ROOM LEVEL 1 - MULTIPURPOSE ROOM ID600

FINISH LEGEND AND SCHEDULE STRUCTURAL GENERAL NOTES & TYPICAL DETAILS S-101 LEVEL 1 STRUCTURAL DEMO PLAN S-201 LEVEL 1 STRUCTURAL FLOOR PLAN

MECHANICAL SYMBOLS LIST AND GENERAL NOTES - MECHANICAL M-002 SCHEDULES - MECHANICAL M-101 LEVEL 1 ZONING PLAN - MECHANICAL MD-121 LEVEL 1 DEMOLITION PLAN - MECHANICAL LEVEL 1 PLAN - MECHANICAL

PLUMBING P-001 SYMBOLS LIST AND GENERAL NOTES - PLUMBING P-002 SCHEDULES - PLUMBING PD-121 LEVEL 1 DEMOLITION PLAN - PLUMBING P-121 LEVEL 1 PLAN - PLUMBING

ELECTRICAL E-001 ABREVIATIONS, SYMBOLS, LUMINAIRE SCHEDULE, SHEET INDEX BASEMENT FLOOR PLAN - DEMOLITION POWER AND SIGNAL E-101 E-121 **BASEMENT FLOOR PLAN - DEMOLITION LIGHTING** E-201 LEVEL 1 FLOOR PLAN - NEW POWER AND SIGNAL E-221 BASEMENT FLOOR PLAN - NEW LIGHTING

ONE LINE DIAGRAM, PANEL SCHEDULES

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E-301

## **DEFERRED SUBMITTALS**

CAC 4-229 & 7-126 DEFERRED APPROVALS/DEFERRED SUBMITTALS: THE FOLLOWING PORTIONS OF THE DESIGN CANNOT BE FULLY DETAILED IN THE APPROVED CONSTRUCTION DOCUMENTS BECAUSE OF VARIATIONS IN PRODUCT DESIGN AND MANUFACTURE. ALL REFERENCES TO DEFERRED SUBMITTAL ITEMS, FOR EXAMPLE FIRE ALARMS, FIRE SPRINKLER SYSTEMS, UNDERGROUND FIRE SERVICE MAINS, STANDPIPE SYSTEMS, SPECIAL FIRE SUPPRESSION SYSTEMS, ETC., ON THESE DRAWINGS SHALL BE USED FOR BIDDING PURPOSES ONLY AND SHALL

NOT BE USED FOR CONSTRUCTION. **DEFERRED SUBMITTAL SCHEDULE.** AFTER THE CONSTRUCTION DOCUMENTS ARE APPROVED AND WITHIN 30 CALENDAR DAYS AFTER COMMENCEMENT OF CONSTRUCTION. CONTRACTOR TO SUBMIT A SCHEDULE TO THE ARCHITECT INDICATING WHEN THE DEFERRED SUBMITTALS WILL BE SUBMITTED FOR REVIEW. ARCHITECT TO SUBMIT

SCHEDULE TO THE AHJ. SUBMITTAL PROCESS AND NOTATION. SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO SUBMITTAL TO THE AHJ. THE ARCHITECT SHALL REVIEW AND FORWARD SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS TO THE AHJ WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF

STAMPING AND SIGNING. ENGINEERS LICENSED IN THE APPROPRIATE BRANCH OF ENGINEERING, SHALL BE RESPONSIBLE FOR THE PREPARATION OF DEFERRED SUBMITTALS AS PERMITTED BY THEIR LICENSE. ENGINEERS SHALL SIGN AND AFFIX THEIR PROFESSIONAL STAMP TO ALL CONSTRUCTION DOCUMENTS OR REPORTS THAT ARE PREPARED UNDER THEIR CHARGE. ALL CONSTRUCTION DOCUMENTS SHALL BE SIGNED AND STAMPED PRIOR TO SUBMITTAL TO THE AHJ.

FABRICATION AND INSTALLATION. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE FABRICATED OR INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE **LIMITATIONS.** THE AHJ SHALL HAVE SOLE DISCRETION AS TO THE PORTIONS OF THE DESIGN THAT MAY BE DEFERRED.

DEFERRED SUBMITTAL SCHEDULE FIRE ALARM SHOP DRAWINGS FIRE PROTECTION SHOP DRAWINGS

SEISMIC BRACING OF OVERHEAD MEP DISTRIBUTION LINES SIGNAGE SHOP DRAWINGS

**TAYLOR** design

**REVISION SCHEDULE** 

# PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

FACILITY NAME: FACILITY ADDRESS:

NO. REVISION NAME

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

DATE: 04/03/2020

UPDATE FOR RFP 08/10/2020

ARCHITECT PROJECT NO: 5514.100L

**COVERSHEET** 

SCALE: As indicated

DRAWING

NUMBER

DRAWING SCALE

√View Name ′

### GENERAL CONSTRUCTION NOTES

SCOPE OF DOCUMENTS: THESE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPT. THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL AND ELECTRICAL SYSTEMS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, FURNISH ALL ITEMS REQUIRED FOR THE EXECUTION AND COMPLETION OF THE WORK

THE CONTRACTOR SHALL KEEP AN UP TO DATE SET OF CONTRACT DOCUMENT PERMIT SET INCLUDING APPROVED CHANGE ORDERS AT THE JOB SITE IN A LOCATION CONVENIENT FOR

ALL CONSTRUCTION AND MATERIALS SHALL BE SPECIFIED AS REQUIRED BY THE CALIFORNIA

THE CONTRACTOR SHALL COORDINATE ALL NECESSARY UTILITY RELOCATIONS WITH THE APPROPRIATE CAMPUS UTILITIES SHOPS.

BUILDING CODE, LOCAL GOVERNING CODES AND AUTHORITIES. VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE SPECIFICATIONS OR DRAWINGS. OR IN THE WORK DONE BY OTHERS FROM THE CONTRACT DOCUMENTS THAT AFFECT ANY WORK, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED. IF THE CONTRACTOR PROCEEDS WITH THE WORK AFFECTED WITHOUT INSTRUCTIONS FROM THE ARCHITECT, THE

CONFINE ALL OPERATIONS ON THE SITE TO AREAS PERMITTED BY THE OWNER. THE WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE LAWS, LOCAL ORDINANCES, PERMITS AND THE CONTRACT DOCUMENTS. THE JOB SITE IS TO BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER AND SHALL NOT BE UNREASONABLE ENCUMBERED WITH ANY MATERIAL OR EQUIPMENT. EACH SUBCONTRACTOR UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL IMMEDIATELY REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.

CONTRACTOR SHALL MAKE GOOD ANY RESULTING DAMAGE OR DEFECT.

ALL MATERIAL STORED ON THE SITE SHALL BE STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION UNTIL USE. FAILURE TO PROTECT MATERIALS MAY BE CAUSE FOR REJECTION OF

ALL CUTTING. FITTING OR PATCHING THAT MAY BE REQUIRED TO MAKE SEVERAL PARTS FIT TOGETHER PROPERLY SHALL BE DONE SO AS NOT TO ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING AND REPLACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK SHALL BE DONE WITH APPLICABLE MATERIAL SO THAT SURFACES REPLACED WILL, UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.

NO PORTION OF THE WORK REQUIRING SHOP DRAWINGS OR A SAMPLE SUBMISSION SHALL BE COMMENCED UNTIL THE SUBMISSION HAS BEEN REVIEWED BY THE ARCHITECT. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH THE REVIEWED SHOP DRAWINGS AND SAMPLES.

A. DIMENSIONS HAVE PRIORITY OVER SCALE B. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. C. CEILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR SLAB TO FINISH FACE OF CEILING UNLESS NOTED OTHERWISE D. ACCESSIBILITY DIMENSIONS ARE FROM FACE OF FINISH (FOF) TO FACE OF FINISH (FOF) OR MINIMUM CLEARANCE DIMENSIONS AS NOTED ON THE DRAWINGS.

PROVIDE NECESSARY BACKING AND FRAMING FOR CASEWORK, GRAB BARS, FIRE EXTINGUISHER CABINETS. TOILET ACCESSORIES, LIGHT FIXTURES, ELECTRICAL UNITS AND ALL OTHER REQUIRED ITEMS.

WHERE LARGER STUDS OR FURRING ARE REQUIRED TO COVER DUCTS, PIPING AND CONDUITS, ETC., THE LARGER STUD SIZE OR FURRING SHALL EXTEND THE FULL SURFACE OF THE WALL WIDTH AND LENGTH WHERE THE FURRING OCCURS, UNLESS NOTED OTHERWISE.

EXIT SIGNS: PROVIDE ALL ILLUMINATED AND NON-ILLUMINATED EXIT SIGNS AS INDICATED ON THE DRAWINGS AND AS REQUIRED BY THE LOCAL GOVERNING AUTHORITIES AND THE CALIFORNIA BUILDING CODE 1011.

PROVIDE ACCESS PANELS TO ALL CONCEALED SPACES (I.E. ATTICS, VOID SPACES, ETC.) AS REQUIRED BY THE CALIFORNIA BUILDING CODE AND LOCAL GOVERNING AUTHORITIES

15. PROVIDE FIRE RESISTIVE ELEMENTS THROUGHOUT THE ENTIRE BUILDING PER THE CALIFORNIA BUILDING CODE,

ALL ELECTRICAL PANELS. LIGHTS, FIRE EXTINGUISHER CABINETS, TOILET ACCESSORIES, ETC., LOCATED IN RATED PARTITIONS OR CEILINGS SHALL BE BACKED WITH GYPSUM BOARD AS REQUIRED TO MAINTAIN

COMPLY WITH THE DISABLED ACCESSIBILITY REQUIREMENTS OF THE CALIFORNIA BUILDING CODE CHAPTER 11B. THE 2010 AMERICANS WITH DISABILITIES ACT (ADA), AND ADAS FOR ACCESSIBILITY NOTES.

18. THE CONTRACTORS AND SUB-CONTRACTORS PERFORMING WORK ON THIS PROJECT SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING, BUT NOT LIMITED TO, THE ISOLATION OF WORK AREAS AND THE PROMPT REMOVAL OF ANY DEBRIS OR TOOLS WHICH MIGHT ENDANGER VISITORS, OR PERSONNEL. ALL ROADS AND WALKWAYS SHALL REMAIN CLEAR AND UNOBSTRUCTED. WHEN NECESSARY, ALTERNATE ROUTES OR TRAFFIC CONTROL MUST BE MAINTAINED, SHOULD UNSAFE CONDITIONS OCCUR.

ANY TIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1-FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. CBC 1006

### GENERAL ACCESSIBILITY NOTES

COMPLY WITH TITLE II OF THE 2010 (ADA) AMERICAN WITH DISABILITY ACT FOR PUBLIC BUILDINGS. THE TITLE 24

ACCESSIBILITY REQUIREMENTS OF THE C.B.C. CHAPTER 11B, AND 2010 ADAS FOR ACCESSIBILITY NOTES. A. CONSTRUCTION SUPPORT FACILITIES: CONTRACTOR SHALL APPLY REQUIREMENTS TO TEMPORARY OR PERMANENT CONSTRUCTION SUPPORT FACILITIES FOR USES AND ACTIVITIES NOT DIRECTLY ASSOCIATED WITH THE ACTUAL PROCESSES OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO OFFICES, MEETING ROOMS, PLAN ROOMS, OTHER ADMINISTRATIVE OR SUPPORT FUNCTIONS, WHEN PROVIDED, TOILET AND BATHING FACILITIES SERVING CONSTRUCTION SUPPORT FACILITIES SHALL COMPLY WITH SECTION 11B-213. WHEN TOILET AND BATHING FACILITIES SERVING CONSTRUCTION SUPPORT FACILITIES ARE PROVIDED BY PORTABLE UNITS, AT LEAST ONE OF EACH TYPE SHALL BE ACCESSIBLE AND CONNECTED TO THE CONSTRUCTION SUPPORT FACILITIES IT SERVES BY AN ACCESSIBLE ROUTE, CBC 11B-201.4

WHERE CBC CHAPTER 11B AND THE ADA ARE AT VARIANCE WITH EACH OTHER IN THEIR REQUIREMENTS, COMPLY WITH THE MORE RESTRICTIVE REQUIREMENT THAT SATISFIES BOTH CODES. THE DIVISION OF THE STATE ARCHITECT HAS ISSUED INTERPRETATIONS FOR SOME SPECIFIC CONFLICTS AS FOLLOWS: REFER TO DSA IR 11B-4 FOR ALTERNATIVE DESIGNS OF DETECTABLE WARNING SURFACES:

REFER TO DSA IR 11B-5 FOR TECHNICAL CRITERIA TO OPERATE EXTERIOR DOORS. ACCESSIBLE ROUTE OF TRAVEL (PATH OF TRAVEL):

PROVIDE AN ACCESSIBLE ROUTE OF TRAVEL COMPLYING WITH CBC 11B-402.1; AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE BOUNDARY OF THE SITE SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS. ACCESSIBLE PARKING AND ACCESSIBLE PASSENGER LOADING ZONES AND PUBLIC STREETS OR SIDEWALKS TO

THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE. (CBC 11B-206.2.1); AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, FACILITIES, ELEMENTS AND SPACES THAT ARE ON THE SAME SITE. (CBC 11B-206.2.2);

AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDING OR FACILITY ENTRANCES WITH ALL ACCESSIBLE SPACES AND ELEMENTS WITHIN THE BUILDING OR FACILITY (CBC 11B-206.2.4);

ALL ENTRANCES AND EXTERIOR GROUND-FLOOR EXITS TO BUILDINGS AND FACILITIES SHALL COMPLY WITH SECTION 11B-404 (CBC 11B-206.4.1): IN EXISTING FACILITIES AND FACILITIES WHERE NOT ALL ENTRANCES COMPLY WITH SECTION 11B-404, ENTRANCES COMPLYING WITH SECTION 11B-404 SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-703.7.2.1 DIRECTIONAL SIGNS COMPLYING WITH 11B-703.5 THAT INDICATE THE LOCATION OF THE NEAREST ENTRANCE COMPLYING WITH SECTION 11B-404 SHALL BE PROVIDED AT ENTRANCES THAT DO NOT COMPLY WITH SECTION 11B-404, DIRECTIONAL SIGNS COMPLYING WITH SECTION 11B-703.5, INCLUDING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-703.7.2.1 INDICATING THE ACCESSIBLE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE SHALL BE PROVIDED AT JUNCTIONS

WHEN THE ACCESSIBLE ROUTE DIVERGES FROM THE REGULAR CIRCULATION PATH. (CBC 11B-216.6): CURB RAMPS, BLENDED TRANSITIONS AND ISLANDS ON ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION 11B-406. CURB RAMPS MAY BE PERPENDICULAR, PARALLEL, OR A COMBINATION OF PERPENDICULAR AND PARALLEL. (CBC 11B-406.1); WHERE PROVIDED, PASSENGER DROP-OFF AND LOADING ZONES SHALL COMPLY WITH CBC 11B-503. PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE ACCESS AISLES COMPLYING WITH SECTION 503 ADJACENT AND PARALLEL TO THE VEHICLE PULL

UP SPACE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICULAR WAY; RAMPS ON ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION 11B-405:

ACCESSIBLE WALKING SURFACES SHALL COMPLY WITH CBC 11B-403.1: CHANGES IN LEVEL MAY BE VERTICAL WITHOUT EDGE TREATMENT UP TO 1/4". CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED AND WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A COMPLYING CURB RAMP, RAMP, ELEVATOR OR PLATFORM LIFT. (CBC 11B-303); CROSS-SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (CBC 11B-403.3) CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON

RAMP RUNS. (CBC 11B-405.4); FLOOR OR GROUND SURFACES SHALL BE FREE OF OPENINGS WHENEVER POSSIBLE OPENINGS SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER EXCEPT AS ALLOWED IN SECTIONS 11B-407.4.3, 11B-409.4.3, 11B-410.4, 11B-810.5.3, AND 11B-810.10. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL. (CBC 11B-302.3) ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH RUNNING SLOPE NOT STEEPER THAN 1:20 DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS AND

PLATFORM LIFTS. ALL COMPONENTS OF AN ACCESSIBLE ROUTE WITH THE APPLICABLE REQUIREMENTS OF DIVISION 4. CBC. 11-B-402.2 THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48 INCHES MINIMUM. CBC 403.5.1 INCHES MAXIMUM, VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES, HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING

TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 SURFACES, STAIR NOSINGS, AND RAMP SURFACES.

ACCESSIBLE EGRESS:

PROVIDE ACCESSIBLE EGRESS IN PORTIONS OF BUILDING REQUIRED TO BE ACCESSIBLE IN COMPLIANCE WITH CBC 1007 AND CBC 11B AS APPLICABLE. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 AND CFC 907.5.2.1 AND 907.5.2.3

### GENERAL ACCESSIBILITY NOTES (CONT'D)

AUTOMATIC AND POWER ASSISTED DOORS SHALL COMPLY WITH CBC 11B-404.3: THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR. SUCH FLOOR OR LANDING SHALL BE A THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS, WHICH ARE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 2 PERCENT SLOPE, BUT THERE ARE A FEW EXCEPTIONS NOTED AS WELL. (CBC 1010.1.5); THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS.

OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5 POUNDS. (CBC 1010.1.3); SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. (CBC 11B-404.2.10); PROVIDE MANEUVERING CLEARANCE AT DOORS TO COMPLY WITH CBC 11B-404.2.4

OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH. (CBC 11B-307.2);

BATHING AND TOILET FACILITIES:

WARNINGS SHALL COMPLY WITH CBC 11B-705.1.

ACCESSIBLE TOILET FACILITIES ON AN ACCESSIBLE PATH OF TRAVEL TO COMPLY WITH CBC 11B-601 WHERE TOILET COMPARTMENTS ARE PROVIDED, AT LEAST ONE TOILET COMPARTMENT SHALL COMPLY WITH SECTION 11B-604.8.1. (CBC 11B-213.3.1);

PROVIDE DETECTABLE WARNINGS AS REQUIRED BY CBC 11B-247.1.2. DETECTABLE

ACCESSIBLE LAVATORIES SHALL COMPLY WITH CBC 11B-606; WHERE DRINKING FOUNTAINS ARE PROVIDED ON AN EXTERIOR SITE, ON A FLOOR, OR WITHIN A SECURED AREA THEY SHALL BE PROVIDED IN ACCORDANCE TO CBC 11B-211. NO FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE DRINKING FOUNTAIN SHALL COMPLY WITH SECTIONS 11B-602.1 THROUGH 602.6 AND ONE DRINKING FOUNTAIN SHALL COMPLY WITH SECTION 11B-602.7 (CBC 11B-211.2), UNLESS A SINGLE DRINKING FOUNTAIN COMPLIES WITH SECTIONS 11B-602.1 THROUGH AAB-602.6 AND 11B-602.7 (11B-211.2 EXCEPTION) ).WHERE MORE THAN THE MINIMUM NUMBER OF DRINKING FOUNTAINS

SPECIFIED IN SECTION 11B-211.2 ARE PROVIDED, 50 PERCENT OF THE TOTAL NUMBER OF DRINKING FOUNTAINS SHALL COMPLY WITH SECTIONS 11B-602.1 THROUGH 602.6, AND 50% OF THE TOTAL NUMBER OF DRINKING FOUNTAINS PROVIDED SHALL COMPLY WITH SECTION 11B-602.7 (11B-213.3); WHERE 50% OF THE DRINKING FOUNTAINS YIELDS A FRACTION, 50% SHALL BE PERMITTED TO BE ROUNDED UP OR DOWN PROVIDED THAT THE TOTAL NUMBER OF DRINKING FOUNTAINS COMPLYING WITH SECTION 11B-211 EQUALS 100 PERCENT OF DRINKING FOUNTAINS. (CBC 11B-211.3 EXCEPTION 1)

KNEE AND TOE CLEARANCE: FOR ELEMENTS REQUIRED TO PROVIDE TOE CLEARANCE OTHER THAN LAVATORIES AND BUILT-IN DINING AND WORK SURFACES, TOE CLEARANCE SHALL BE PROVIDED THAT IS 30 INCHES IN WIDTH AND 9 INCHES IN HEIGHT ABOVE THE FINISH FLOOR OR GROUND FOR A DEPTH OF 17 INCHES MINIMUM UNDER ELEMENTS REQUIRED TO BE ACCESSIBLE. (CBC

CONTROLS AND MECHANISMS:

OPERABLE PARTS ON ACCESSIBLE ELEMENTS, ACCESSIBLE ROUTES, AND IN ACCESSIBLE ROOMS AND SPACES SHALL COMPLY WITH CBC 11B-309. (CBC 11B-205);

PROVIDE CLEAR FLOOR OR GROUND SPACE COMPLYING WITH CBC 11B-305 (CBC 11B-

PLACE OPERABLE PARTS WITHIN ONE OR MORE OF THE REACH RANGES COMPLYING WITH CBC 11B-308 (CBC 11B-309.3); INSTALL ELECTRICAL SWITCHES AND RECEPTACLES WITH IN ALLOWABLE REACH RANGES. LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX IN COMPLIANCE

WITH CBC 11B-308.1.1 AND 11B-308.1.2 HIGH FORWARD REACH THAT IS UNOBSTRUCTED SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE FINISH FLOOR OR

GROUND. CBC 11B-308.2.1, FIGURE 11B-308.2.1 REACH RANGES: 1) OBSTRUCTED FORWARD REACH RANGE SHALL BE AS PER FIGURE 11B-308.2.2

2) SIDE REACH SHALL BE LIMITED AS SHOWN IN FIGURE 11B-308.3.1 FOR UNOBSTRUCTED SIDE REACH, OR PER FIGURE 11B-308.3.2 FOR OBSTRUCTED SIDE REACH OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE FIGHT GRASPING. PINCHING. OR TWISTING OF THE WRIST. FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. CBC 11B-309.4 1) EXCEPTION: THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED

10. SIGNS AND IDENTIFICATION: NEW OR ALTERED SIGNS AND IDENTIFICATION DEVICES SHALL COMPLY WITH CBC 11B-

POSITION (11B-404.2.9)

CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. (CBC 11B-703.5.1) CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUNDS. (CBC 11B-703.5.1); CONFORM WITH CHARACTER SIZES AND TYPES IN CBC 11B-703.5.2, 11B-703.5.3, 11B-705-

11. EXIT SIGNS AND MEANS OF EGRESS ILLUMINATION;

5.4. AND 11B-705.5.5

WHERE REQUIRED. EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FEET (30 480MM) OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM

THE NEAREST VISIBLE SIGN. CBC 1013. EXIT SIGN SHALL BE INTERNALLY ILLUMINATED OR EXTERNALLY ILLUMINATED. - INTERNALLY ILLUMINATED EXIT SIGNS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND

- EXTERNALLY ILLUMINATED EXIT SIGNS SHALL COMPLY WITH THE GRAPHICS AND POWER SOURCE REQUIREMENTS IN SECTION 1013.6.1 AND 1013.6.3 RESPECTIVELY. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE, IT SHALL HAVE AN INTENSITY OF NOT LESS THAN 5-FOOT-CANDLES (54 LUX). CBC 1013.3. WHERE ILLUMINATED EXIT SIGNS ARE PROVIDED, TACTILE EXIT SIGNAGE ADJACENT TO EXIT DOORS WITH RAISED

CHARACTER AND BRAILLE SHALL BE PROVIDED PER CBC 1013.4 AND 11B-2019.4.1 POWER SOURCE. EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE SIGN ILLUMINATION MEANS SHALL BE CONNECTED TO AN EMERGENCY POWER LOSS, THE SIGN ILLUMINATION MEANS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM PROVIDED FROM STORAGE BATTERIES, THE UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH CHAPTER 27.

CORRIDOR, INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS IN A BUILDING REQUIRE TO HAVE TWO OR MORE EXITS. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1028.1, IN BUILDINGS REQUIRE TO HAVE TWO OR MORE EXITS.

EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1010.1.6 FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRE TO HAVE TWO OR MORE EXITS. ILLUMINATION LEVEL UNDER EMERGENCY POWER. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOTCANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOTCANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOTCANDLE (6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATION OF 40 TO 1 SHALL NOT BE EXCEEDED.

12. HANDRAILS TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES.

13. MECHANICAL ACCESS: ACCESS TO MECHANICAL APPLIANCES IN UNDER-FLOOR AREAS, IN ATTIC SPACES, AND ON ROOFS OR ELEVATED STRUCTURES SHALL BE IN ACCORDANCE WITH THE

14. DIMENSIONS FOR ACCESSIBILITY REQUIREMENTS SHOWN WITH A MINIMUM AND/OR MAXIMUM DIMENSION ARE NOT SUBJECT TO CONVENTIONAL INDUSTRY BUILDING TOLERANCES.

EXCEPT BUILDING DIRECTORIES, MENUS, SEAT AND ROW DESIGNATIONS IN ASSEMBLY AREAS, OCCUPANT NAMES, BUILDING ADDRESSES, AND COMPANY NAMES AND LOGOS, NEW OR ALTERED SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH 11B-216 SIGNS AND SHALL COMPLY WITH 11B-703 SIGNS. THE ADDITION OF OR REPLACEMENT OF SIGNS SHALL NOT TRIGGER ANY ADDITIONAL PATH OF TRAVEL REQUIREMENTS. INTERIOR AND EXTERIOR SIGNS IDENTIFYING PERMANENT ROOMS AND SPACES SHALL COMPLY WITH 11B703.1 GENERAL. 11B-703.2 RAISED CHARACTERS. 11B-703.3 BRAILLE AND 11B-703.5 VISUAL CHARACTERS. WHERE PICTOGRAMS ARE PROVIDED AS DESIGNATIONS OF PERMANENT INTERIOR ROOMS AND SPACES, THE PICTOGRAMS SHALL COMPLY WITH 11B-703.6 PICTOGRAMS AND SHALL HAVE TEXT DESCRIPTORS COMPLYING WITH 11B-703.2 AND 11B-703.5 3. SIGNS THAT PROVIDE DIRECTION TO OR INFORMATION ABOUT INTERIOR AND EXTERIOR SPACES AND FACILITIES OF

THE SITE SHALL COMPLY WITH 11B-703.5 VISUAL CHARACTERS. 4. SIGNS FOR MEANS OF EGRESS SHALL COMPLY WITH 11B-216.4 MEANS OF EGRESS: SIGNS REQUIRED BY CHAPTER 10. SECTION 1013.4 AT DOORS TO EXIT PASSAGEWAYS. EXIT DISCHARGE, AND EXIT STAIRWAYS SHALL BE IDENTIFIED BY TACTILE SIGNS COMPLYING COMPLY WITH 11B703.1 GENERAL, 11B-703.2 RAISED CHARACTERS, 11B-703.3 BRAILLE AND 11B-703.5 VISUAL SIGNS REQUIRED BY CHAPTER 10, SECTION 1008.1.9.7, ITEM 5.1 AT DOORS WITH DELAYED EGRESS

AND 11B-703.5 VISUAL CHARACTERS. SIGNS SHALL COMPLY WITH 11B-703 SIGNS. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED. SIGNS AS SPECIFIED IN SECTION 11B-703 SIGNS, OR IN OTHER SECTIONS OF THIS CODE, WHEN INCLUDED IN THE CONSTRUCTION OF NEW BUILDINGS OR FACILITIES, OR WHEN INCLUDED, ALTERED OR REPLACED DUE TO ADDITIONS, ALTERATIONS OR RENOVATIONS TO EXISTING BUILDINGS OR FACILITIES, AND

LOCKS SHALL COMPLY WITH 11B-703.1 GENERAL, 11B-703.2 RAISED CHARACTERS, 11B-703.3 BRAILLE

WHEN A PERMIT IS REQUIRED, SHALL COMPLY WITH 11B-703.1.1.1 PLAN REVIEW AND 11B-703.1.1.2 PLANS, SPECIFICATIONS OR OTHER INFORMATION INDICATING COMPLIANCE WITH THESE REGULATIONS SHALL BE SUBMITTED TO THE ENFORCING AGENCY FOR REVIEW AND APPROVAL. SIGNS AND IDENTIFICATION DEVICES SHALL BE FIELD INSPECTED AFTER INSTALLATION AND APPROVED BY THE ENFORCING AGENCY PRIOR TO THE ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY PER CHAPTER 1, DIVISION II, SECTION 111, OR FINAL APPROVAL WHERE NO CERTIFICATE OF OCCUPANCY IS ISSUED. THE INSPECTION SHALL INCLUDE, BUT NOT BE LIMITED TO, VERIFICATION THAT BRAILLE DOTS AND CELLS ARE PROPERLY SPACED AND THE SIZE. PROPORTION AND TYPE OF RAISED CHARACTERS ARE IN COMPLIANCE

WITH THESE REGULATIONS. RAISED CHARACTERS SHALL COMPLY WITH 11B-703.2 RAISED CHARACTERS AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 11B-703.3 BRAILLE. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 11B-703.4 INSTALLATION HEIGHT AND LOCATION.

RAISED CHARACTERS SHALL BE 1/32 INCH MINIMUM ABOVE THEIR BACKGROUND. §11B-703.2.1 CHARACTERS SHALL BE UPPERCASE. §11B-703.2.2

CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS, \$11B-703.2.3 CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".

CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH MINIMUM AND 2 INCHES MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". §11B703.2.5F. STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. §11B-703.2.6

CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS. SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS. AND 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH MINIMUM, \$11B-703.2. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE

SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT.

TEXT SHALL BE IN A HORIZONTAL FORMAT. §11B-703.2.9 BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH 11B-703.3 BRAILLE AND 11B-703.4 INSTALLATION HEIGHT AND LOCATION.

SIGNS WITH TACTILE CHARACTERS SHALL COMPLY WITH 11B-703.4 INSTALLATION HEIGHT AND LOCATION. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER BRAILLE CELLS AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER LINE OF RAISED CHARACTERS. §11B-703.4.1 (SEE EXCEPTION) WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF, WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS. IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. WHERE PERMANENT IDENTIFICATION SIGNAGE IS PROVIDED FOR ROOMS AND SPACES THEY SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE ENTERS THE ROOM OR SPACE. SIGNS THAT IDENTIFY EXITS SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE ROOM OR SPACE. 11B-703.4.2 (SEE EXCEPTION)

VISUAL CHARACTERS SHALL COMPLY WITH THE FOLLOWING. EXCEPT WHERE VISUAL CHARACTERS COMPLY WITH 11B-703.2 RAISED CHARACTERS AND ARE ACCOMPANIED BY BRAILLE COMPLYING WITH 11B-703.3 BRAILLE. THEY SHALL NOT BE REQUIRED TO COMPLY WITH 11B-703.5.2 THROUGH 11B-703.5.6, 11B-703.5.8 AND 11B703.5.9: CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST

WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. §11B-703.5.1 CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A COMBINATION OF BOTH. §11B-703.5.2 CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE. OR OF OTHER UNUSUAL FORMS. §11B-703.5.3 CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55

60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH TABLE 11B-703.5.5. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN. CHARACTER HEIGHT SHALL BE BASED ON THE UPPERCASE LETTER

"I". §11B-703.5.5 (SEE EXCEPTION) VISUAL CHARACTERS SHALL BE 40 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. §11B703.5.6 (SEE EXCEPTIONS) STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 10 PERCENT MINIMUM AND 20 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. §11B-703.5.7

H. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT CHARACTERS. EXCLUDING WORD SPACES. SPACING BETWEEN INDIVIDUAL CHARACTERS SHALL BE 10 PERCENT MINIMUM AND 35 PERCENT MAXIMUM OF CHARACTER HEIGHT. §11B-703.5.8 SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE CHARACTER HEIGHT. §11B-703.5.9 J. TEXT SHALL BE IN A HORIZONTAL FORMAT. §11B-703.5.10

 PICTOGRAMS SHALL COMPLY WITH THE FOLLOWING: PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. §11B-703.6.1 PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH 11B-703.2 RAISED CHARACTERS, 11B-703.3 BRAILLE AND 11B703.4

INSTALLATION HEIGHT AND LOCATION, §11B-703.6.3 11. SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND. 12. SYMBOLS SHALL COMPLY WITH THE FOLLOWING:

> THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 11B-703.7.2.1 ISA. THE SYMBOL SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE COLOR NO. 15090 IN FEDERAL STANDARD 595B. §11B-703.7.2.1 (SEE EXCEPTION) THE INTERNATIONAL SYMBOL OF TTY SHALL COMPLY WITH FIGURE 11B-703.7.2.2. TELEPHONES WITH A VOLUME CONTROL SHALL BE IDENTIFIED BY A PICTOGRAM OF A TELEPHONE HANDSET WITH RADIATING SOUND WAVES ON A SQUARE FIELD SUCH AS SHOWN IN FIGURE 11B703.7.2.3.

ASSISTIVE LISTENING SYSTEMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS COMPLYING WITH FIGURE 11B-703.7.2.4. ROOMS, FACILITIES AND PATHS OF TRAVEL THAT ARE ACCESSIBLE TO AND USABLE BY PEOPLE WHO ARE ADVERSELY IMPACTED BY AIRBORNE CHEMICALS OR PARTICULATE(S) AND/OR THE USE OF ELECTRICAL FIXTURES AND/OR DEVICES SHALL BE IDENTIFIED BY THE CLEANER AIR SYMBOL. THIS SYMBOL IS TO BE USED STRICTL' FOR PUBLICLY FUNDED FACILITIES OR ANY FACILITIES LEASED OR RENTED BY STATE OF CALIFORNIA. NOT CONCESSIONAIRES. THE SYMBOL, WHICH SHALL INCLUDE THE TEXT "CLEANER AIR" AS SHOWN, SHALL BE DISPLAYED EITHER AS A NEGATIVE OR POSITIVE IMAGE WITHIN A SQUARE THAT IS A MINIMUM OF 6 INCHES ON EACH SIDE. THE SYMBOL MAY BE SHOWN IN BLACK AND WHITE OR IN COLOR, WHEN COLOR IS USED, IT SHALL BE FEDERAL BLUE (COLOR NO. 15090 FEDERAL STANDARD 595B) ON WHITE, OR WHITE ON FEDERAL BLUE. THERE SHALL BE AT LEAST A 70-PERCENT COLOR CONTRAST BETWEEN THE BACKGROUND OF THE SIGN FROM THE

SURFACE THAT IT IS MOUNTED ON. DOORWAYS LEADING TO TOILET ROOMS AND BATHING ROOMS SHALL BE IDENTIFIED BY A GEOMETRIC SYMBOL COMPLYING WITH 11B-703.7.2.6 TOILET AND BATHING FACILITIES GEOMETRIC SYMBOLS. THE SYMBOL SHALL BE MOUNTED AT 58 INCHES MINIMUM AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED FROM THE CENTERLINE OF THE SYMBOL. WHERE A DOOR IS PROVIDED THE SYMBOL SHALL BE MOUNTED WITHIN 1 INCH OF THE VERTICAL CENTERLINE OF THE DOOR. §11B-703.7.2.6 (SEE EXCEPTION)

MEN'S TOILET AND BATHING FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE, 1/4 INCH THICK WITH EDGES 12 INCHES LONG AND A VERTEX POINTING UPWARD. THE TRIANGLE SYMBOL SHALL CONTRAST WITH THE DOOR, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. §11B703.7.2.6.1 WOMEN'S TOILET AND BATHING FACILITIES SHALL BE IDENTIFIED BY A CIRCLE. 1/4 INCH THICK AND 12 INCHES IN DIAMETER. THE CIRCLE SYMBOL SHALL CONTRAST WITH THE DOOR, EITHER LIGHT ON A DARK

BACKGROUND OR DARK ON A LIGHT BACKGROUND. §11B-703.7.2.6.2 UNISEX TOILET AND BATHING FACILITIES SHALL BE IDENTIFIED BY A CIRCLE, 1/4 INCH THICK AND 12 INCHES IN DIAMETER WITH A  $1\!\!4$  INCH THICK TRIANGLE WITH A VERTEX POINTING UPWARD SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12-INCH DIAMETER. THE TRIANGLE SYMBOL SHALL CONTRAST WITH THE CIRCLE SYMBOL, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. THE CIRCLE SYMBOL SHALL CONTRAST WITH THE DOOR, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND

INCHES ABOVE THE GROUND SURFACE ADJACENT TO THE POLE. §11B-703.7.2

EDGES OF SIGNS SHALL BE ROUNDED. CHAMFERED OR EASED. CORNERS OF SIGNS SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH. §11B-703.7.2.6.4 POLE-SUPPORTED PEDESTRIAN TRAFFIC-CONTROL BUTTONS SHALL BE IDENTIFIED WITH COLOR CODING CONSISTING OF A TEXTURED HORIZONTAL YELLOW BAND 2 INCHES IN WIDTH ENCIRCLING THE POLE, AND A 1INCH-WIDE DARK BORDER BAND ABOVE AND BELOW THIS YELLOW BAND. COLOR CODING SHALL BE PLACED IMMEDIATELY ABOVE THE CONTROL BUTTON. CONTROL BUTTONS SHALL BE LOCATED NO HIGHER THAN 48

### GENERAL FIRE INFORMATION

CFC CHAPTER 1 2019 – SCOPE AND ADMINISTRATION ALL PERMITTED WORK SHALL BE INSPECTED BY THE FIRE AUTHORITY HAVING JURISDICTION AND SHALL REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSES UNTIL APPROVED. TO SCHEDULE AN INSPECTION, CONTACT THE FIRE AUTHORITY HAVING JURISDICTION.

AN OPERATIONAL PERMIT IS REQUIRED PER CFC 105.6. A CONSTRUCTION PERMIT IS REQUIRED PER CFC 105.7

CFC CHAPTER 33 2019 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, STORAGE, HANDLING, AND USE OF ANY LAMMABLE OR COMBUSTIBLE MATERIALS SHALL COMPLY WITH CFC 3305.

CFC CHAPTER 4 2019 – EMERGENCY PLANNING AND PREPAREDNESS A FIRE SAFETY AND EVACUATION PLAN IS REQUIRED. THE FIRE SAFETY AND EVACUATION PLAN SHALL COMPLY WITH CFC 404.

4. CFC CHAPTER 5 2019 – FIRE SERVICE FEATURES FIRE APPARATUS ACCESS ROADS ARE REQUIRED. FIRE APPARATUS ACCESS ROAD SHALL COMPLY WITH CFC 503 AND 1. FIRE APPARATUS ACCESS ROADS SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION. FIRE HYDRANTS SHALL BE PROVIDED ALONG REQUIRED FIRE APPARATUS ROADS. FIRE HYDRANT LOCATIONS AND

DISTRIBUTION SHALL COMPLY WITH CFC APPENDIX C 1. FIRE HYDRANT LOCATIONS SHALL BE REVIEWED BY THE LOCAL JURISDICTION. ROOF OBSTRUCTIONS SHALL BE MAINTAINED IN A MANNER NOT TO OBSTRUCT OR RENDER HAZARDOUS ROOF ACCESS OR

EGRESS IN THE EVENT OF FIRE OR EMERGENCY. COMPLY WITH CFC 504. EXTERIOR DOORS AND OPENINGS REQUIRED BY CFC/CBC 2019 EDITIONS SHALL BE MAINTAINED READILY ACCESSIBLE FOR MERGENCY ACCESS BY THE FIRE DEPARTMENT. COMPLY WITH CFC 504 PROVIDE APPROVED BUILDING IDENTIFICATION TO COMPLY WITH CFC 505.

AND MAINTAINED. COMPLY WITH CFC 509. 1. MECHANICAL REFRIGERATION SYSTEM SHALL BE ACCESSIBLE TO THE FIRE DEPARTMENT AT ALL TIMES AS REQUIRED BY THE FIRE CODE OFFICIAL. (CFC 606.5) 2. PROVIDE EMERGENCY SIGNS IN ACCORDANCE WITH CFC 606.7 OF THE CFC. EMERGENCY SIGNS, CHARTS AND LABELS

FIRE PROTECTION EQUIPMENT SHALL BE IDENTIFIED IN AN APPROVED MANNER. APPROVED ACCESS SHALL BE PROVIDED

SHALL BE IN COMPLIANCE WITH NFPA 704. CFC CHAPTER 7 2019 – FIRE RESISTANCE RATED CONSTRUCTION MAINTAIN REQUIRED FIRE-RESISTANCE RATING OF FIRE-RESISTANCE RATED CONSTRUCTION IN COMPLIANCE WITH CHAPTER 1. OWNER SHALL ANNUALLY VISUALLY INSPECT FIRE-RESISTANT RATED CONSTRUCTION.

A. FIRE-RESISTANT RATED CONSTRUCTION IN NON-ACCESSIBLE CONCEALED SPACES SHALL NOT BE REQUIRED TO BE VISUALLY INSPECTED. DAMAGED, ALTERED, BREACHED OR PENETRATED FIRE-RESISTIVE CONSTRUCTION SHALL BE PROPERLY REPAIRED, RESTORED OR REPLACED. (CFC 703.1) MAINTAIN FIRE-RESISTANCE RATED OPENING PROTECTIVE IN OPERATIVE CONDITION IN ACCORDANCE WITH

WHERE REQUIRED BY FIRE CODE OFFICIAL, A SIGN SHALL BE PERMANENTLY DISPLAYED ON OR NEAR EACH FIRE DOOR IN LETTERS NOT LESS THAN ONE INCH HIGH TO READ AS FOLLOWS: 1. FOR DOORS DESIGNED TO BE KEPT NORMALLY OPEN: "FIRE DOOR - DO NOT BLOCK."

2. FOR DOORS DESIGNED TO BE KEPT NORMALLY CLOSED: "FIRE DOOR - KEEP CLOSED." (CFC 703.2.1) MAINTAIN IN OPERATIVE CONDITION REQUIRED DOOR HOLD OPEN DEVICES AND AUTOMATIC CLOSERS. (CFC 703.2.2) MAINTAIN IN OPERATIVE CONDITION SWINGING FIRE DOORS 1. SHALL CLOSE FROM FULL-OPEN POSITION AND LATCH AUTOMATICALLY

2. CLOSER SHALL CLOSE AND LATCH DOOR FROM ANY PARTIALLY OPEN POSITION. (CFC 703.2.3) ROLLING/SLIDING FIRE DOORS SHALL BE MAINTAINED IN OPERATIVE CONDITION. 1. TEST ANNUALLY TO CONFIRM PROPER OPERATION AND FULL CLOSURE. 2. MAINTAIN WRITTEN TEST RECORD WHICH SHALL BE AVAILABLE FOR THE FIRE CODE OFFICIAL (CFC 703.4)

6. CFC CHAPTER 8 2019 - INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS INSTALL INTERIOR FINISHES, DECORATIVE MATERIALS AND FURNISHINGS TO COMPLY WITH CHAPTER 8 OF THE CFC.

CFC CHAPTER 9 2019 - FIRE PROTECTION SYSTEMS MAINTAIN ALL FIRE DETECTION, ALARM AND EXTINGUISHING SYSTEMS IN OPERATING CONDITION AT ALL TIMES. MAINTAIN RECORDS OF ALL FIRE DETECTION, ALARM AND EXTINGUISHING ON PREMISES IN ACCORDANCE WITH CFC 901.6.2.1. WHERE THE PROVISIONS OF THIS CODE REQUIRE THAT A BUILDING OR PORTION THEREOF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, PROVIDE A FULLY AUTOMATICALLY ACTUATED FIRE SPRINKLER SYSTEM THROUGHOUT THE ENTIRE BUILDING, INSTALLED IN ACCORDANCE WITH NFPA 13 AS AMENDED IN

CHAPTER 47. EXCEPT AS PROVIDED IN CFC 903.3.1.1 EXEMPT LOCATIONS. ALL VALVES CONTROLLING WATER SUPPLY, PUMPS, TANKS, WATER LEVELS AND TEMPERATURES, CRITICAL AIR PRESSURES AND WATER-FLOW SWITCHES FOR AUTOMATIC SPRINKLER SYSTEMS SHALL BE ELECTRICALLY SUPERVISED. (CFC 903.4) ALARM/TROUBLE SIGNALS SHALL BE DISTINCTLY DIFFERENT AND AUTOMATICALLY TRANSMITTED TO AN APPROVED

SUPERVISING STATION, OR WHEN APPROVED BY THE FIRE CODE OFFICIAL, SHALL SOUND AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION (CFC 903.4.1) APPROVED ALIDIRI E ALARM DEVICES SHALL RE CONNECTED TO EVERY ALITOMATIC SPRINKLER SYSTEM, PROVIDED ON THE EXTERIOR OF BUILDING IN APPROVED LOCATION AND ACTUATED BY AUTOMATED SPRINKLER SYSTEM. (CFC 903.4.2)

PROVIDE A CLASS I STANDPIPE SYSTEM WITH FIRE HOSE CONNECTION COMPATIBLE WITH LOCAL FIRE DEPARTMENT. LOCATIONS TO BE APPROVED BY FIRE CODE OFFICIAL STANDPIPES SYSTEMS SHALL BE INSTALLED / LOCATED PER CFC 905. SELECT, INSTALL AND MAINTAIN PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH CFC 906 AND CHAPTER 3, TITLE 19 CALIFORNIA CODE OF REGULATIONS. NUMBER, TYPE, SIZE, AND LOCATION SHALL BE DETERMINED BY THE LOCAL JURISDICTION. EXCEPT AS PROVIDED IN CFC 906.2 EXCEPTION 3.

PROVIDE AN APPROVED MANUAL AND AUTOMATIC FIRE ALARM SYSTEM IN ACCORDANCE WITH CFC 907 AND NFPA 72. PROVIDE AND INSTALL MANUAL FIRE ALARM BOXES NOT MORE THAN FIVE FEET FROM THE ENTRANCE TO EACH EXIT, AND BETWEEN FORTY-TWO AND FORT-EIGHT INCHES ABOVE FINISH FLOOR. BOXES SHALL BE RED IN COLOR, WITH NOT MORE THAN TWO HUNDRED FEET TRAVEL DISTANCE BETWEEN BOXES.(CFC 907.4.2)

CBC CHAPTER 10 2019 MEANS OF EGRESS THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FOOT 6 INCHES. (1003.2) THE MEANS OF EGRESS SHALL HAVE A SLIP-RESISTANT, SECURELY ATTACHED WALKING SURFACE. (1003.4) THE MEANS OF EGRESS SHALL HAVE AN UN-INTERRUPTED PATH OF TRAVEL THAT DOES NOT DIMINISH REQUIRED

CAPACITY TO AN EXIT DISCHARGE. (1003.6) ALL MEANS OF EGRESS SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 32 INCHES CLR AT DOORWAYS (1010.1.1), NOT LESS THAN 44 INCHES AT STAIRWAYS (1011.2), CORRIDORS (1020.2) AND EXIT PASSAGEWAYS (1024.2) AND NOT LESS THAN 48 INCHES AT RAMPS (11B-405.5) ALL MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED (CFC 1008.1). EGRESS ILLUMINATION SHALL BE CONNECTED TO THE

EMERGENCY POWER SYSTEM. EMERGENCY POWER SYSTEM SHALL BE CAPABLE OF SUSTAINING EGRESS ILLUMINATION FOR NO LESS THAN A 90 MINUTE DURATION (1008.3.4). THE MEANS OF EGRESS, AND EXIT DISCHARGE, SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FOOT CANDLE AT THE WALKING SURFACE LEVEL (1010.3.5). CONSTRUCTION DOCUMENTS APPROVED BY THE FIRE CODE OFFICIAL ARE APPROVED WITH THE INTENT THAT SUCH CONSTRUCTION

DOCUMENTS COMPLY IN ALL RESPECTS WITH CURRENT CODE. REVIEW A ND APPROVAL BY THE FIRE CODE OFFICIAL SHALL NOT RELIEVE THE APPLICANT OF THE RESPONSIBILITY OF COMPLIANCE WITH THIS CODE (CFC 105.4.4) COMPLETE PLANS AND SPECIFICATIONS FOR FIRE ALARM, FIRE SPRINKLER, OTHER SPECIAL TYPES OF AUTOMATIC FIRE

PROTECTION SYSTEMS AND APPURTENANCES THERETO, AND WET AND DRY STANDPIPES, SHALL BE SUBMITTED TO FIRE CODE OFFICIAL

FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION (CFC 901, 903, 905.2, 907.1) 11. FIRE EXTINGUISHER SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CFC 903 AND 904, AND COMPLY WITH STANDARDS OF

15. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (2019 EDITION)

AUDIBLE NOTIFICATION APPLIANCES COMPLYING WITH SECTION 4-3.2.1 OF NFPA 72 (2019 EDITION) SHALL HAVE A SOUND LEVEL NO MORE THAN

(INCORPORATED BY REFERENCE, SEE "REFERENCED STANDARDS" IN CHAPTER 1), EXCEPT THAT THE MAXIMUM ALLOWABLE SOUND LEVEL OF

903.3 AND DO NOT PROTRUDE MORE THAN 4" INTO THE CIRCULATION ROUTE VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS AND WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY MONITORED WHERE THE NUMBER OF SPRINKLERS IS 20 OR MORE (CFC 903.4.1)

ALARM SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CFC 907 AND CBC 11B-215 ALARMS IN PUBLIC USE AREAS AND COMMON USE AREAS SHALL COMPLY WITH CFC 907.5.2.3.1. WHERE EMPLOYEE WORK AREAS HAVE AUDIBLE ALARM COVERAGE, THE WIRING SYSTEM SHALL BE DESIGNED SO THAT VISIBLE ALARMS COMPLYING WITH CFC 907.5.2.3.2 CAN BE INTEGRATED INTO THE ALARM SYSTEM.

110 DB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE.

### CFC CHAPTER 33 2019

DURING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS, COMPLY WITH NFPA 241 2013 EDITION. (CFC 3301.1)

TEMPORARY HEATING EQUIPMENT SHALL BE IN ACCORDANCE WITH SECTION 3303 OF THE 2019 CALIFORNIA FIRE CODE. PRECAUTIONS AGAINST FIRE SHALL BE IN ACCORDANCE WITH SECTION 3304 OF THE 2019 CALIFORNIA FIRE CODE.

CUTTING AND WELDING OPERATIONS SHALL BE IN ACCORDANCE WITH CHAPTER 35 OF THE 2019 CALIFORNIA FIRE CODE. (2019)

STORAGE, USE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS SHALL BE IN ACCORDANCE WITH SECTION 5704 OF THE 2019 CALIFORNIA FIRE CODE. (2019 CFC 3305)

FLAMMABLE AND COMBUSTIBLE LIQUID STORAGE AREAS SHALL BE MAINTAINED CLEAR OF COMBUSTIBLE VEGETATION, WASTE MATERIALS AND STORAGE OF COMBUSTIBLE MATERIALS. (2019 CFC 3305.3)

SMOKING AND ALL OTHER TOBACCO USES ARE NOT PERMITTED ON UCSC CONTROLLED PROPERTY, ALL SMOKING, AND USE OF SMOKELESS TOBACCO PRODUCTS ARE PROHIBITED.

CLASS I AND II LIQUIDS SHALL BE KEPT IN APPROVED SAFETY CONTAINERS. (2019 CFC 3305.5)

LEAKING SAFETY CONTAINERS SHALL BE IMMEDIATELY REPAIRED OF TAKEN OUT SERVICE. SPILLS SHALL BE IMMEDIATELY CLEANED UP AND PROPERLY DISPOSED. (2019 CFC 3305.6)

STORAGE, USE AND HANDLING OF FLAMMABLE GASES SHALL BE IN ACCORDANCE WITH CHAPTER 58 OF THE 2019 CALIFORNIA

11. STORAGE, USE AND HANDLING OF EXPLOSIVE MATERIALS SHALL BE IN ACCORDANCE WITH CHAPTER 56 OF THE 2019 CALIFORNIA

FIRE CODE. (2019 CFC 3307) 12- CONTRACTOR SHALL DESIGNATE A PERSON TO BE THE FIRE PREVENTION PROGRAM SUPERINTENDENT. (2019 CFC 3308.1)

FIRE PREVENTION PROGRAM SUPERINTENDENT SHALL DEVELOP AND MAINTAIN AN APPROVED PRE-FIRE PLAN IN COOPERATION WITH THE FIRE CHIEF. FIRE CHIEF, FIRE CODE OFFICIAL SHALL BE IMMEDIATELY NOTIFIED OF ANY CHANGES AFFECTING THE UTILIZATION OF THE PRE-FIRE PLAN. (2019 CFC 3308.2)

14. FIRE PREVENTION PROGRAM SUPERINTENDENT SHALL BE RESPONSIBLE FOR TRAINING OF RESPONSIBLE PERSONNEL IN THE USE OF FIRE PROTECTION EQUIPMENT. (2019 CFC 3308.3)

EQUIPMENT. (2019 CFC 3308.4) FIRE PREVENTION PROGRAM SUPERINTENDENT SHALL BE RESPONSIBLE FOR COMPLIANCE WITH UNIVERSITY'S PERMIT SYSTEM

15. FIRE PREVENTION PROGRAM SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE SERVICE AND MAINTENANCE FOR PROTECTION

FOR HOT WORK OPERATIONS IN ACCORDANCE WITH 2019 CALIFORNIA FIRE CODE CHAPTER 35 (2019 CFC 3308.5) IMPAIRMENT TO ANY FIRE PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH 2019 CALIFORNIA FIRE CODE SECTION 901. (2019

18. AN EMERGENCY TELEPHONE SHALL BE READILY ACCESSIBLE IN AN APPROVED LOCATION. THE EMERGENCY FIRE DEPARTMENT

NUMBER AND THE CONSTRUCTION SITE ADDRESS SHALL BE POSTED ADJACENT TO THE TELEPHONE (2019 CFC 3309) APPROVED VEHICLE ACCESS FOR FIRE FIGHTING SHALL BE PROVIDED TO ALL CONSTRUCTION OR DEMOLITION SITES. VEHICLE ACCESS SHALL BE PROVIDED TO WITHIN 100 FEET OF TEMPORARY OR PERMANENT FIRE DEPARTMENT CONNECTIONS. VEHICLE ACCESS SHALL BE PROVIDED BY EITHER TEMPORARY OR PERMANENT ROADS, CAPABLE OF SUPPORTING VEHICLE LOADING UNDER ALL WEATHER CONDITIONS. VEHICLE ACCESS SHALL BE MAINTAINED UNTIL PERMANENT FIRE APPARATUS ACCESS ROADS

PROVIDE KEY BOX IN ACCORDANCE WITH 2019 CALIFORNIA FIRE CODE CHAPTER 5.(2019 CFC 3310.2)

ARE AVAILABLE. (2019 CFC 3310.1)

DURING CONSTRUCTION, ALTERATION, REMODELING, AND DEMOLITION, REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED.

22. PROVIDE APPROVED FIRE PROTECTION WATER SUPPLY PRIOR TO ARRIVAL OF COMBUSTIBLE MATERIALS ON SITE. (2019 CFC 3312)

IN BUILDINGS REQUIRED TO HAVE STAND PIPES BY 905.3.1 NOT LESS THAN ONE STANDPIPE SHALL BE PROVIDED FOR USE DURING CONSTRUCTION. SUCH STANDPIPES SHALL BE INSTALLED PRIOR TO BUILDING EXCEEDING 40 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS. SUCH STANDPIPE SHALL PROVIDE FIRE DEPARTMENT ACCESSIBLE HOSE CONNECTIONS ADJACENT TO USABLE STAIRS. MAINTAIN STAND PIPE WITHIN ONE FLOOR OF HIGHEST POINT OF CONSTRUCTION HAVING SECURED DECKING OR FLOORING. (2019 CFC 3313.1)

EXISTING BUILDING BEING DEMOLISHED SHALL MAINTAIN STAND PIPE IN OPERATIONAL CONDITION NOT MORE THAN ONE FLOOR BELOW FLOOR BEING DEMOLISHED. (2019 CFC 3313.2) IN BUILDINGS WHERE AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED BY TESTING AND APPROVAL OF THE AUTOMATIC FIRE SPRINKLER SYSTEM. (2019 CFC 3314.1)

25. DURING CONSTRUCTION, ALTERATION AND DEMOLITION PROVIDE MINIMUM ONE APPROVED PORTABLE FIRE EXTINGUISHER IN

ACCORDANCE WITH SECTION 906 AT EACH STAIRWAY ON ALL FLOORS WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED. IN EVERY STORAGE AND CONSTRUCTION SHED, AND WHERE SPECIAL HAZARDS EXIST. (2019 CFC 3315) INTERNAL-COMBUSTION-POWERED CONSTRUCTION EQUIPMENT SHALL BE USED SO THAT EXHAUST DOES NOT DISCHARGE

OPERATION, AND SO THAT EQUIPMENT FUEL IS STORED IN AN APPROVED LOCATION OUTSIDE OF THE BUILDING. (2019 CFC 3316.1)

TAYLOR ASSUMES NO RESPONSIBILITY RELATING TO ANY EXISTING OR TOXIC MATERIALS, INCLUDING ASBESTOS, AND ASSUMES NO RESPONSIBILITY RELATING TO ITS EXISTENCE OR REMOVAL. THE OWNER WILL TAKE ACTION FOR DIRECTLY CONTRACTING WITH A

THE HAZARDOUS MATERIALS ASSOCIATED WITH THIS PROJECT DO NOT EXCEED THE ALLOWABLE LIMITS AS DEFINED BY CBC TABLE

AGAINST COMBUSTIBLE MATERIAL, EXHAUST IS PIPED TO THE OUTSIDE OF THE BUILDING, NO REFUELING TAKES PLACE WHILE IN

HAZARDOUS MATERIAL NOTES

THERE ARE NO PROPOSED CHANGES TO EXISTING CONTROL ZONES.

CONSULTANT OR SPECIALIST FOR SUCH, LICENSED BY THE STATE OF CALIFORNIA SHOULD THOSE SERVICES BE REQUIRED ON THE 307.1(1) AND 307.1(2) IN THE CALIFORNIA BUILDING CODE.

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NO. REVISION NAME

**REVISION SCHEDULE** 

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX

**LOCKER ROOM** FACILITY NAME:

FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO:

SHEET TITLE

PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

**GENERAL NOTES** 

DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

5514.100L

### CALGREEN NOTES

1. ADHESIVES, SEALANTS, CAULKS. ADHESIVES AND SEALANTS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS. (SECTION 5.504.4.1 OF CALGREEN). 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 OF CALGREEN. (SECTION

5.504.4.1 AND TABLE 4.504.2/TABLE 5.504.4.2) ARCHITECTURAL NONMEMBRANE ROOF SINGLE-PLY ROOF MEMBRANE SEALANT PRIMERS ARCHITECTURAL- NONPOROUS ARCHITECTURAL - POROUS MEDIFITED BITUMINOUS

2. A LETTER FROM THE CONTRACTOR AND OR THE BUILDING OWNER CERTIFYING WHAT MATERIAL HAS BEEN USED AND ITS COMPLIANCE WITH THE CODE MUST BE SUBMITTED TO THE BUILDING INSPECTOR.

3. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UTS 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.

TABLE 4.504.1 / TABLE 5.504.4.1 ADHESIVE VOC LIMIT ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET PAD ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT AND ASPHALT TILE ADHESIVES DRYWALL AND PANEL ADHESIVES COVE BASE ADHESIVES SPECIALTY APPLICATIONS
PVC WELDING CPVC WELDING ABS WELDING PLASTIC CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE TOP AND TRIM ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD) WOOD

4. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH TABLE 5.504.4.2 UNLESS MORE STRINGENT LOCAL LIMITS APPLY (SECTION 5.504.4 OF CALGREEN

5. AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 64522(a)(3) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES (CCR, TITLE 17, SECTION 94520 ET SEQ). (SECTION 5.504.4.3.1 OF CALGREEN.)

6. CONTRACTOR TO PROVIDE LETTER CERTIFYING WHAT PAINT HAS BEEN USED AND ITS COMPLIANCE WITH THE CODE TO BE SUBMITTED TO

7. CARPET SYSTEMS. ALL CARPET INSTALLED IN THE BUILDING INTERIOR SHALL MEET AT LEAST ONE OF THE FOLLOWING TESTING AND PRODUCTION REQUIREMENTS WHICH ARE LISTED IN SECTION 5.504.4.4 OF CALGREEN

1) CARPET AND RUG INSTITUTES' GREEN LABEL PLUS PROGRAM 2) COMPLIANT WITH THE VOC-EMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDARD METHOD FOR TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING

ENVIRONMENT CHAMBERS, VERSION 1.1, FEBRUARY 2019 (ALSO KNOWN AS CDPH STANDARD METHOD V1.1 OR SPECIFICATION 01350) 3) NSF/ANSI 140 AT THE GOLD LEVEL OR HIGHER 4) SCIENTIFIC CERTIFICATION SYSTEMS SUSTAINABLE CHOICE 5) COMPLIANCE WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CA-CHPS) CRITERIA INTERPRETATION FOR EQ

2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE.

8. ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM. ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 804.4.1. A LETTER FROM THE INSTALLER CERTIFYING

COMPLIANCE MUST BE SUBMITTED TO THE BUILDING INSPECTOR. 9. RESILIENT FLOOR SYSTEMS. AT LEAST 80% OF THE FLOOR AREA RECEIVING RESILIENT FLOORING SHALL MEET ONE OF THE FOLLOWING CRITERIA: 1) CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOORSCORE PROGRAM. 2) COMPLIANT WITH THE VOC-EMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S 2019 STANDARD FOR METHOD FOR THE TESTING AND EVALUATION CHAMBERS, VERSION 1.1, FEBRUARY 2012. 3) COMPLIANT WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CA-CHPS) CRITERIA INTERPRETATION FOR EQ 2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE. 4) COMPLIANT WITH CDPH CRITERIA AS CERTIFIED UNDER THE GREENGUARD CHILDREN'S &

10. FORMALDEHYDE LIMITS PER TABLE 4.504.5 / TABLE 5.504.4.5

<u>PRODUCT</u> HARDWOOD PLYWOOD VENEER HARDWOOD PLYWOOD COMPOSITE CORE PARTICLEBOARD MEDIUM DENSITY FIBERBOARD

# GENERAL DEMOLITION NOTES

1. DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. FIELD VERIFY EXISTING CONDITIONS. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.

VERIFY LOCATIONS OF EXISTING ELECTRICAL, PLUMBING AND MECHANICAL UTILITIES. LOCATE AND PROTECT UTILITIES TO REMAIN. DISCONNECT, REMOVE AND CAP DESIGNATED UTILITIES WITHIN THE DEMOLITION AREA. REFER TO THE ELECTRICAL, PLUMBING, AND MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.

3. PROVIDE REROUTING OF UTILITIES SERVING ADJACENT AREAS TO MAINTAIN UNINTERRUPTED SERVICE.

4. THE DEMOLITION PLAN KEYNOTES ARE DIAGRAMMATIC AND GENERAL IN NATURE. THE INTENT IS TO ILLUSTRATE THE COMPLETE DEMOLITION OF THE SPACES INDICATED UNLESS NOTED OTHERWISE. FIELD VERIFICATION OF EXISTING CONDITIONS AND SPECIFIC QUANTITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

5. REMOVAL AND DISPOSAL OF DEMOLITION DEBRIS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY THE HAULING ROUTE THROUGH THE BUILDING, THE DEMOLITION STAGING AREA, AND THE LOCATION OF THE DUMPSTERS WITH THE OWNER PRIOR TO THE START OF

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**REVISION SCHEDULE** NO. REVISION NAME

PERALTA COMMUNITY COLLEGE DISTRICT LANEY COLLEGE TITLE IX LOCKER ROOM

REMODEL FACILITY NAME:

LOCKER ROOM FACILITY ADDRESS: 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO:

DATE: 04/03/2020

UPDATE FOR RFP 08/10/2020

**GENERAL NOTES** 

G-011

## **OBJECTIVE AND PROCESS**

IMPROVE THE LOCKER ROOM SUITE THROUGHOUT AND IMPROVE THE PROCESS OF STAKEHOLDER ENGAGEMENT TAYLOR DESIGN COLLABORATED WITH THE COLLEGE AND THE DISTRICT TO:

- PROVIDE A TEAM OF STRATEGY, DESIGN, AND COST SPECIALISTS REVIEW EXISTING CONDITIONS
- ENGAGE A DIVERSE AND INCLUSIVE GROUP OF STAKEHOLDERS DEVELOP A SOLUTION EMBRACED BY ALL PARTIES

### **EXISTING CONDITIONS**

THE BUILDING WAS CONSTRUCTED CIRCA 1968. THE PROPOSED MODERNIZATION INCLUDES RE-USING THE SAME 23,400 SQUARE FOOT (SF) BELOW-GRADE LOCKER ROOM SPACE BUT UPGRADING IT IN ITS ENTIRETY, INCLUDING A NEW ARCHITECTURAL LAYOUT OF THE ROOMS.

LIMITATIONS IN THE SPACE ARE CAUSED BY THE EXISTING STRUCTURAL ELEMENTS (CONCRETE PLANTER WALLS AND COLUMNS), CEILING HEIGHT, BASEMENT LOCATION, MECHANICAL ROOMS, RAMPS, AND LACK OF NATURAL LIGHT, IN ADDITION TO THE AGE OF THE BUILDING, ABSENCE OF RECENT OR COMPREHENSIVE MODERNIZATION, AND DEFERRED MAINTENANCE.

### **DISCOVERY WORKSHOPS**

DURING THE THREE DISCOVERY WORKSHOPS WITH ATHLETICS AND KINESIOLOGY FACULTY AND STAFF, STUDENTS, AND DANCE FACULTY AND STAFF, THE TAYLOR DESIGN TEAM BUILT A RAPPORT WITH THE USERS, EMPOWERING THEM TO HOLD THE MARKER - TO SHARE THEIR THOUGHTS AND IDEAS. PARTICIPANTS LEFT THE WORKSHOPS FEELING EXCITED ABOUT THE POSSIBILITIES FOR THE NEW LOCKER ROOM AND MOST IMPORTANTLY FEELING HEARD AND OPEN.

FIVE KEY INSIGHTS UNCOVERED DURING THESE WORKSHOPS ACTED AS A NORTH STAR FOR OUR DESIGN DECISIONS MOVING FORWARD:

- BEFORE ALL ELSE, HYGIENE AND SAFETY. STUDENT ATHLETES FORM BONDS WITH COACHES THAT GO BEYOND ATHLETICS.
- DARK AND REMOTE SPACES ARE UNDERUTILIZED BECAUSE THEY FEEL UNSAFE. EVERY STUDENT AND ATHLETE DESERVES RECOGNITION, ACKNOWLEDGEMENT, AND APPROPRIATE ACCOMMODATION.
- THE SPACE MUST BE A COMFORTABLE AND SAFE HOME FOR THE RANGE OF GENDER AND PRIVACY NEEDS THAT EXIST THROUGHOUT THE STUDENT BODY INCLUDING NONBINARY STUDENTS, MALE COACHES OF FEMALE ATHLETES, FAMILIES, AND MORE.

- ATHLETICS & KINESIOLOGY FACULTY AND STAFF
- BASKETBALL PLAYERS
- GENERAL USE STUDENTS DANCE FACULTY AND STAFF STUDENT SENATE REPRESENTATIVES
- OBSERVERS: LANEY COLLEGE ADMINISTRATION AND PERALTA DISTRICT ADMINISTRATION

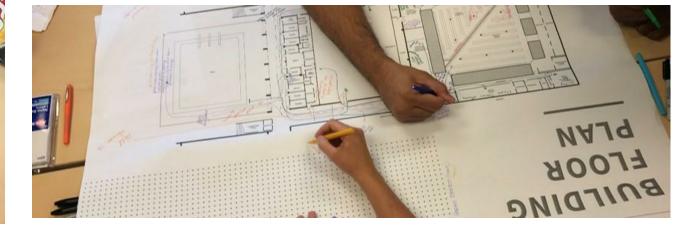


"I WAS EXPECTING TO COME IN AND HAVE TO LISTEN TO BLAH, BLAH, BLAH, BUT YOU REALLY LISTENED TO WHAT I HAD TO SAY." – STUDENT ATHLETE

"I'M SURPRISED BY HOW MUCH IT TURNS OUT WE AGREE WITH EACH OTHER."

- ATHLETICS & KINESIOLOGY STAFF

"WE PUT EVERYTHING IN DIFFERENT PLACES...IT FELT EMPOWERING!"



## **WORKSHOP SYNTHESIS**

MAJOR PARAMETERS/OPPORTUNITIES WERE IDENTIFIED VIA SITE INVESTIGATIONS AND CONSULTANT ENGAGEMENT OF AN EFFECTIVELY "UNDERGROUND" SPACE:

- STRUCTURAL ELEMENTS SET LIMITATIONS AND BOUNDARIES
- LIMITED ACCESS TO NATURAL LIGHT CODE COMPLIANCE REQUIREMENTS
- LACK OF PREVIOUS UPGRADES AND MAINTENANCE SENSE OF CONFUSED WAYFINDING

THE PROGRAMMATIC SPACES IDENTIFIED AND DETERMINED TO BE SIGNIFICANT SPACES THAT SHOULD BE PROVIDED IN THE PROJECT:

- DEDICATED TEAM LOCKERS, SHOWERS, AND RESTROOMS
- STUDENT STUDY/MEETING ROOMS ATHLETIC TRAINING

- IN THE WORKSHOPS, USER GROUPS PROVIDED TAKEAWAYS ON THE FLOW OF SPACE: **HOT WATER**
- STORAGE ACCESS PRIVACY
- TRAVEL DISTANCE RELATIONSHIP TO FITNESS CENTER AND POOL
- QUALITY OF ENVIRONMENT
- QUANTITY OF LOCKERS REQUIRED FOR GENERAL USE

NEARLY YEAR-ROUND PROGRAMS (BREAKS NOT LONG ENOUGH FOR CONSTRUCTION) USER GROUPS PROVIDED FEEDBACK REGARDING THEIR CONCERNS AND PERCEPTIONS OF THE EXISTING SPACE, TOGETHER WITH THEIR WISH LIST FOR AN ULTIMATE LOCKER:

- SAFETY AND SECURITY
- ATHLETE/COACH RELATIONSHIP AND BONDING SENSE OF PRIDE/CELEBRATION OF TEAM ACHIEVEMENTS GENDER BARRIERS/DECISION-MAKING ISSUES
- VARIETY OF PROGRAMS ATHLETICS, KINESIOLOGY, DANCE, COMMUNITY USE
- ADDITIONAL REQUESTS WERE MADE, BUT ARE NOT INCLUDED IN THIS STUDY
- STORAGE ACCESSED DIRECTLY FROM GYM

# PROPOSED SOLUTION

NEW BLEACHERS FOR GYM

### HIGHLIGHTS OF THE NEW CONCEPTUAL LAYOUT:

- CELEBRATES THE WOMEN AND FEMALE ATHLETES OF LANEY COLLEGE BY PLACING THEIR FUNCTIONS CENTRALLY IN THE SPACE WHILE IMPROVING FUNCTIONAL RELATIONSHIPS, ACCESSIBILITY, AND QUALITY OF SPACE FOR ALL PROGRAMS AND OCCUPANTS.
- SIMPLIFIES ACCESS, REDUCES TRAVEL DISTANCE, AND IMPROVES SECURITY BY PROVIDING GENDER-NEUTRAL ACCESS TO SPACES THAT DO NOT INHERENTLY REQUIRE GENDER LIMITS SUCH AS HALLWAYS, STORAGE AREAS, LAUNDRY, AND MEETING ROOMS AND BY SIMPLIFYING PATHWAYS AND IMPROVING
- SUPPORTS A DIVERSE COMMUNITY BY PROVIDING INDIVIDUALS WITH MORE CONTROL OVER THE DEGREE TO WHICH THEY ARE EXPOSED TO OTHERS IN RESTROOMS, SHOWERS, AND CHANGING AREAS, SUPPORTING CHOICES THAT MAY ARISE FROM GENDER, DISABILITY, BODY IMAGE, MEDICAL ISSUES, RELIGION, FAMILY RELATIONSHIPS, ROLE AS A COMPETITION OFFICIAL, OR OTHER DECISIONS.
- IMPROVES TITLE IX COMPLIANCE WITH A DESIGN THAT MORE FULLY INCORPORATES THE SPIRIT OF THE RESOLUTION AGREEMENT, INCLUDING DEDICATED LOCKER ROOMS FOR THREE WOMENS' TEAMS, TRAINING ROOM IMPROVEMENTS, AND CONSISTENCY WITH THE CHARACTER OF THE FIELDHOUSE.
- IMPROVES FINANCIAL EFFICIENCY BY ORGANIZING THE PROJECT INTO DISCRETE ZONES THAT CAN BE REMODELED SEQUENTIALLY, REDUCING THE NEED TO SPEND PROJECT FUNDS ON TEMPORARY SPACE AND BY PROVIDING WELL-DEFINED ADDITIVE ALTERNATIVES

\_\_\_\_Y SHELLED SPACE

Open circulation, accessible to all

Central training room

Secure and light-filled

Accessible team rooms

Improved sightlines

All-gender bathroom

Right-sized men's day locker

Enhanced storage

Dedicated laundry room

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AGENCY APPROVAL

**REVISION SCHEDULE** NO. REVISION NAME

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX **LOCKER ROOM** 

REMODEL FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

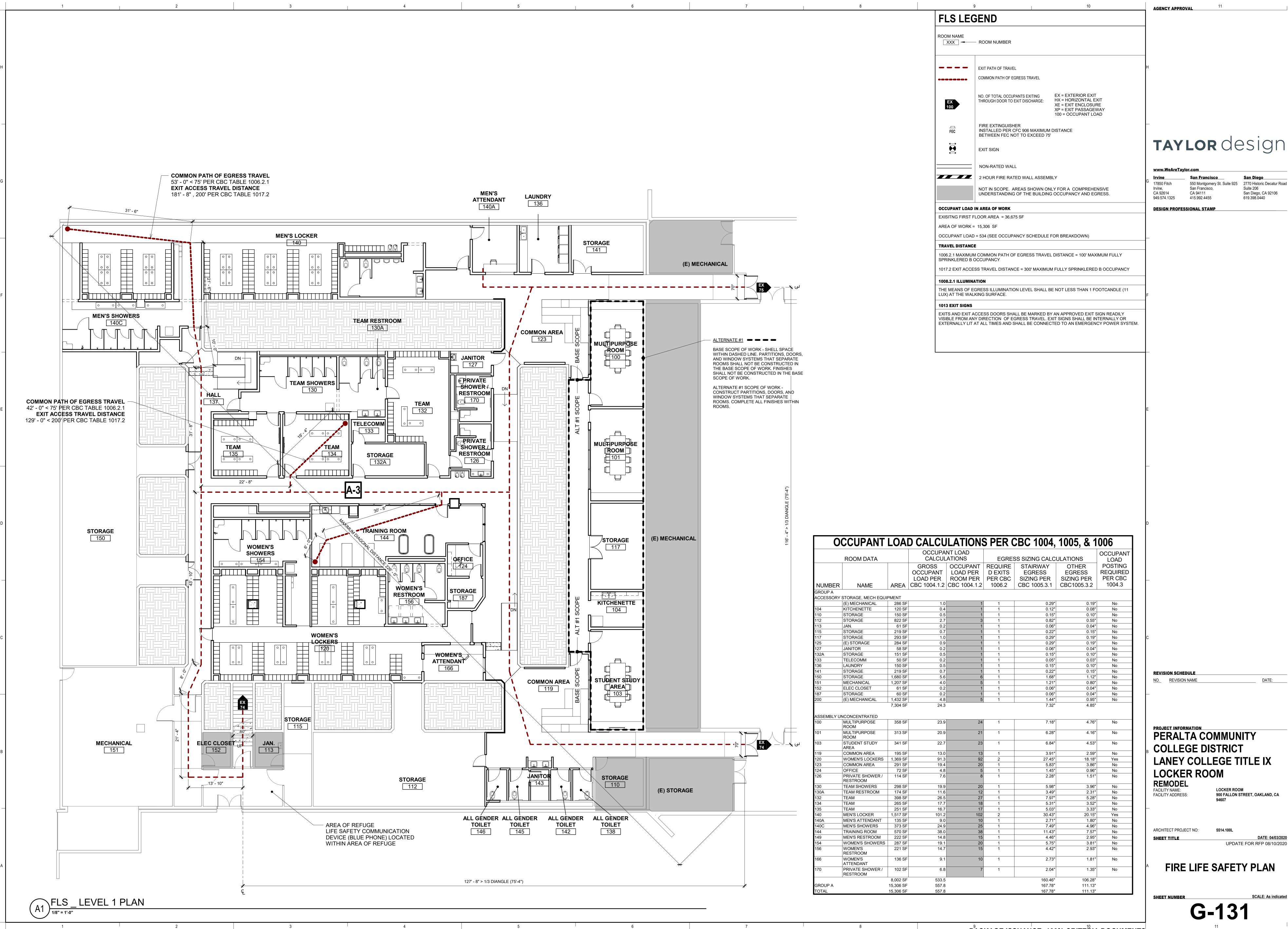
DATE: 04/03/2020

UPDATE FOR RFP 08/10/2020

ARCHITECT PROJECT NO: SHEET TITLE

PROJECT SYNOPSIS

SCALE: 1 1/2" = 1'-0" G-012

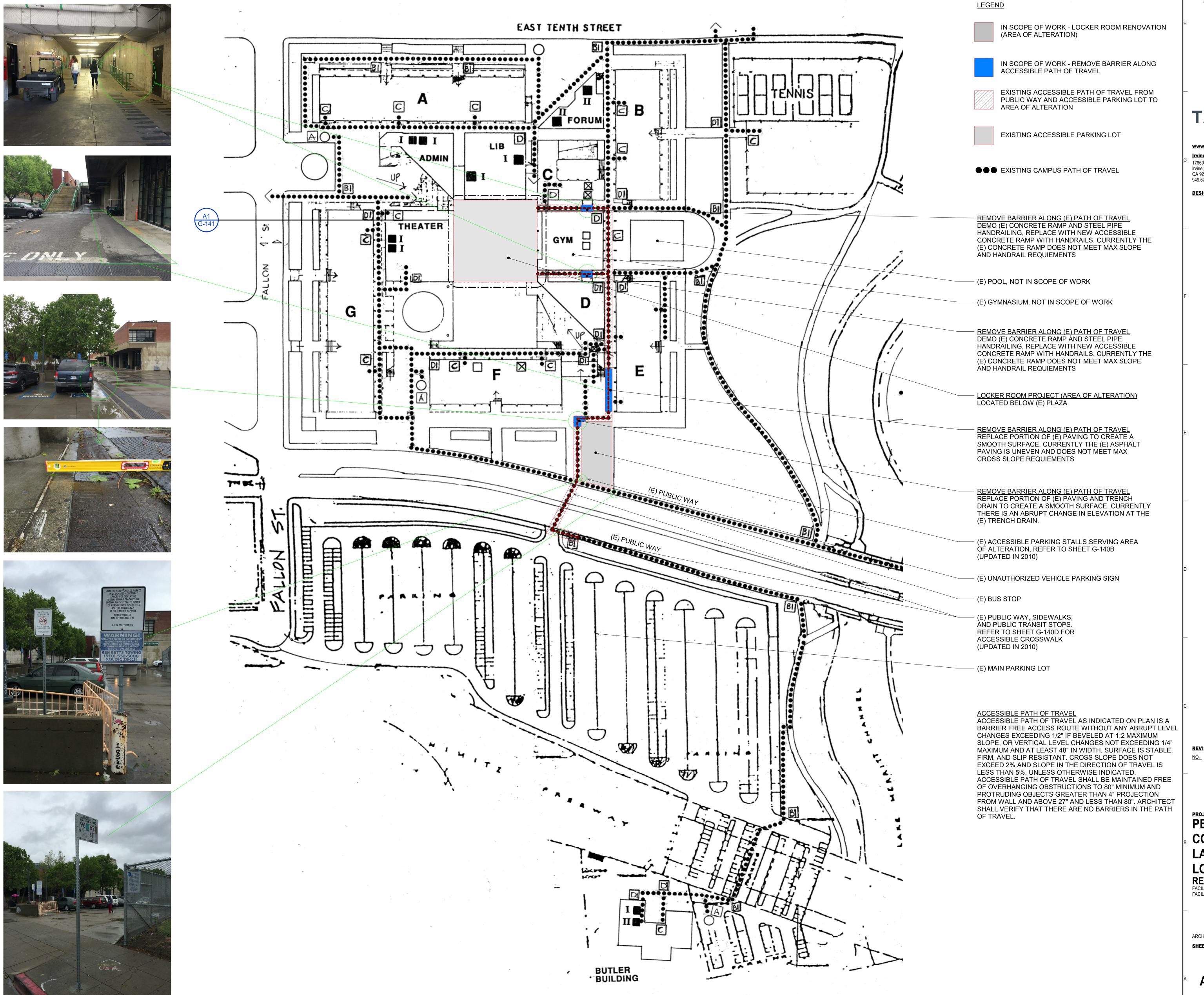


PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

550 Montgomery St. Suite 925 2770 Historic Decatur Road







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 San Francisco,
 Suite 206

 CA 92614
 CA 94111
 San Diego, CA 92106

 949.574.1325
 415.992.4455
 619.398.0440

DESIGN PROFESSIONAL STAMP

 NO.
 REVISION NAME
 DATE:

PERALTA COMMUNITY
COLLEGE DISTRICT
LANEY COLLEGE TITLE IX
LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

IE: LOCKER ROOM
RESS: 900 FALLON STREET, OAKLAND, CA

94607

ARCHITECT PROJECT NO:
SHEET TITLE

DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

**ACCESSIBILITY SITE PLAN** 

SHEET NUMBER

G-140

- EXISTING ACCESSIBLE PATH OF TRAVEL TO AREA OF ALTERATION REFER TO SHEET G-140 FOR

CONTINUATION OF PATH OF TRAVEL

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PERALTA COMMUNITY COLLEGE DISTRICT LANEY COLLEGE TITLE IX

LOCKER ROOM REMODEL

FACILITY NAME:

REVISION SCHEDULE

NO. REVISION NAME

LOCKER ROOM FACILITY ADDRESS: 900 FALLON STREET, OAKLAND, CA

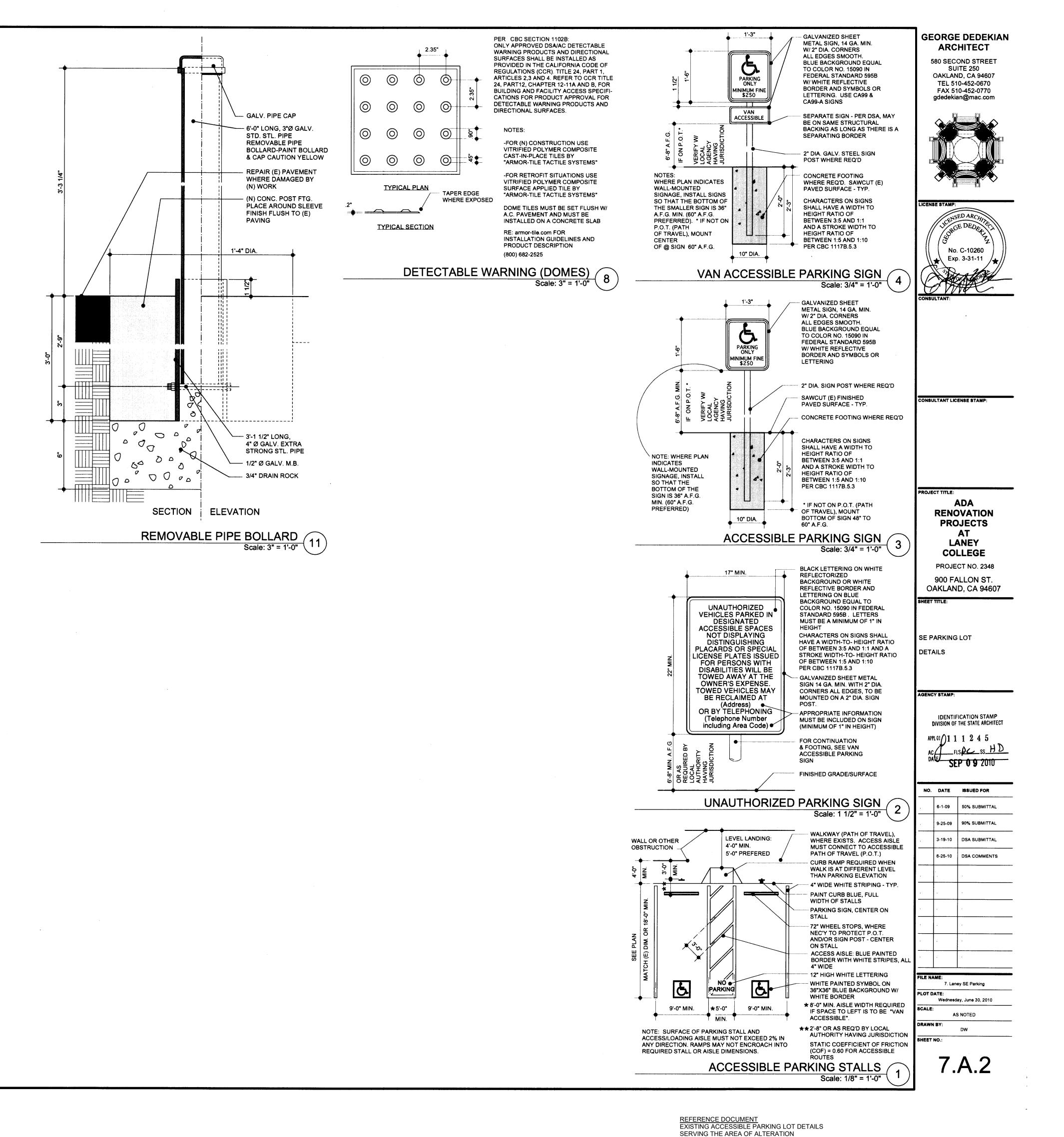
DATE: 04/03/2020

UPDATE FOR RFP 08/10/2020

ARCHITECT PROJECT NO:

(E) ACCESSIBLE PARKING

LOT



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DESIGN PROFESSIONAL STAMP

REVISION SCHEDULE

NO. REVISION NAME DATE:

PERALTA COMMUNITY

B COLLEGE DISTRICT

LANEY COLLEGE TITLE IX

LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA 94607

ARCHITECT PROJECT NO:
SHEET TITLE

5514.100L

DATE: 04/03/2020

UPDATE FOR RFP 08/10/2020

(E) ACCESSIBLE PARKING LOT DETAILS

SHEET NUMBER

SCALE: 1" = 160'-0"

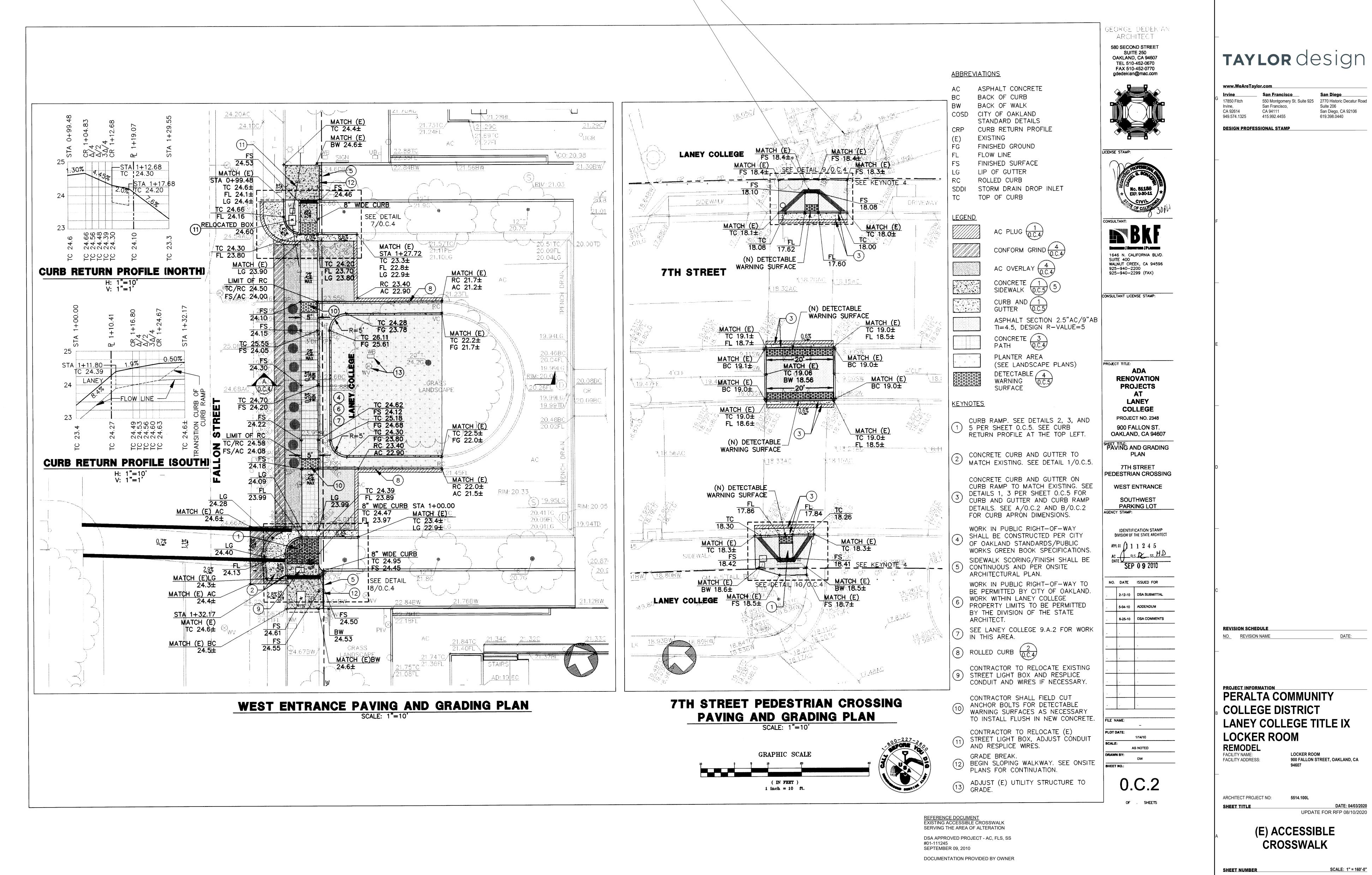
G-140C

DSA APPROVED PROJECT - AC, FLS, SS

DOCUMENTATION PROVIDED BY OWNER

#01-111245

SEPTEMBER 09, 2010



EXISTING ACCESSIBLE PARKING LOT SERVING THE AREA OF ALTERATION

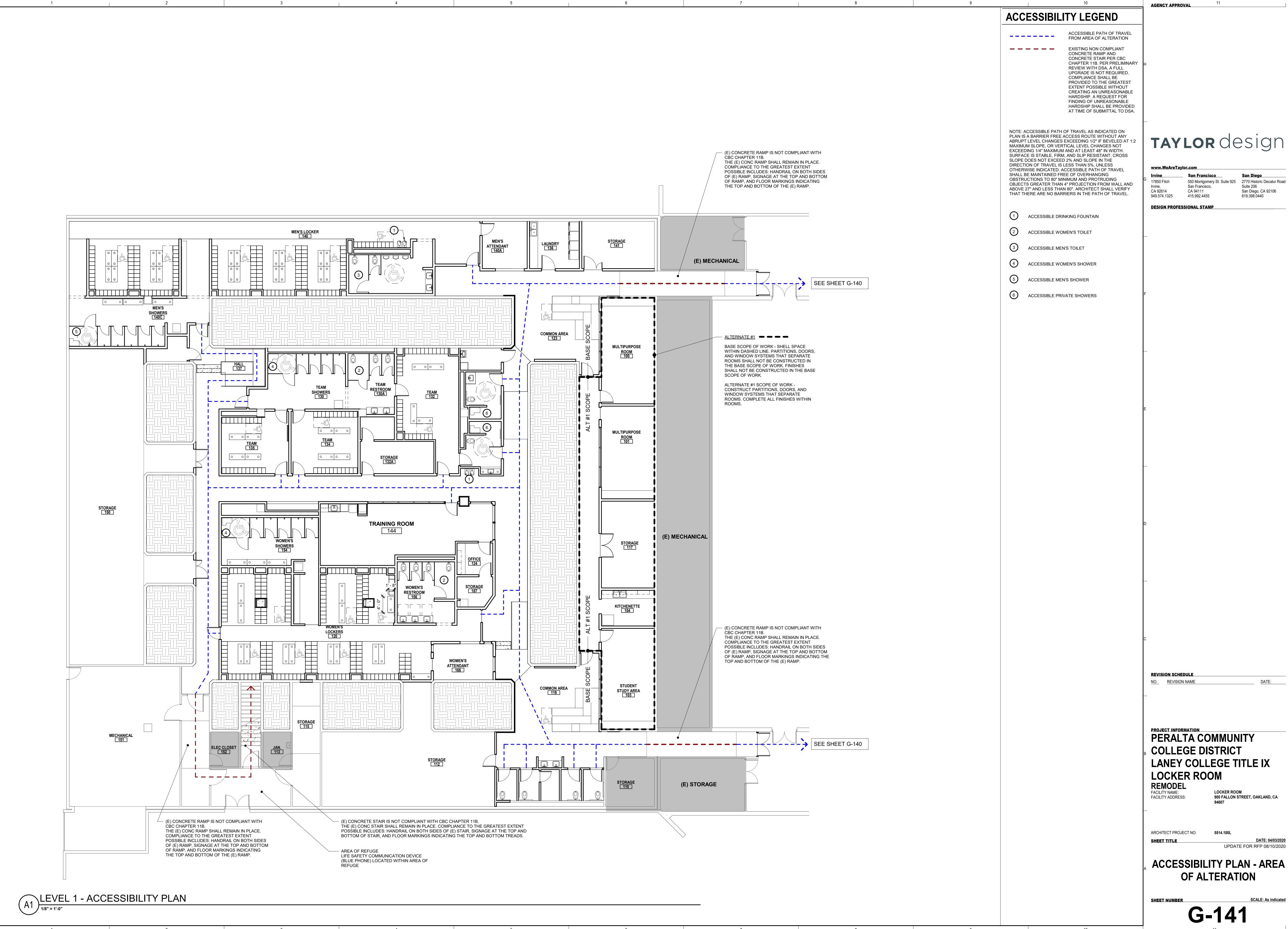
EXISTING ACCESSIBLE CROSSWALK SERVING

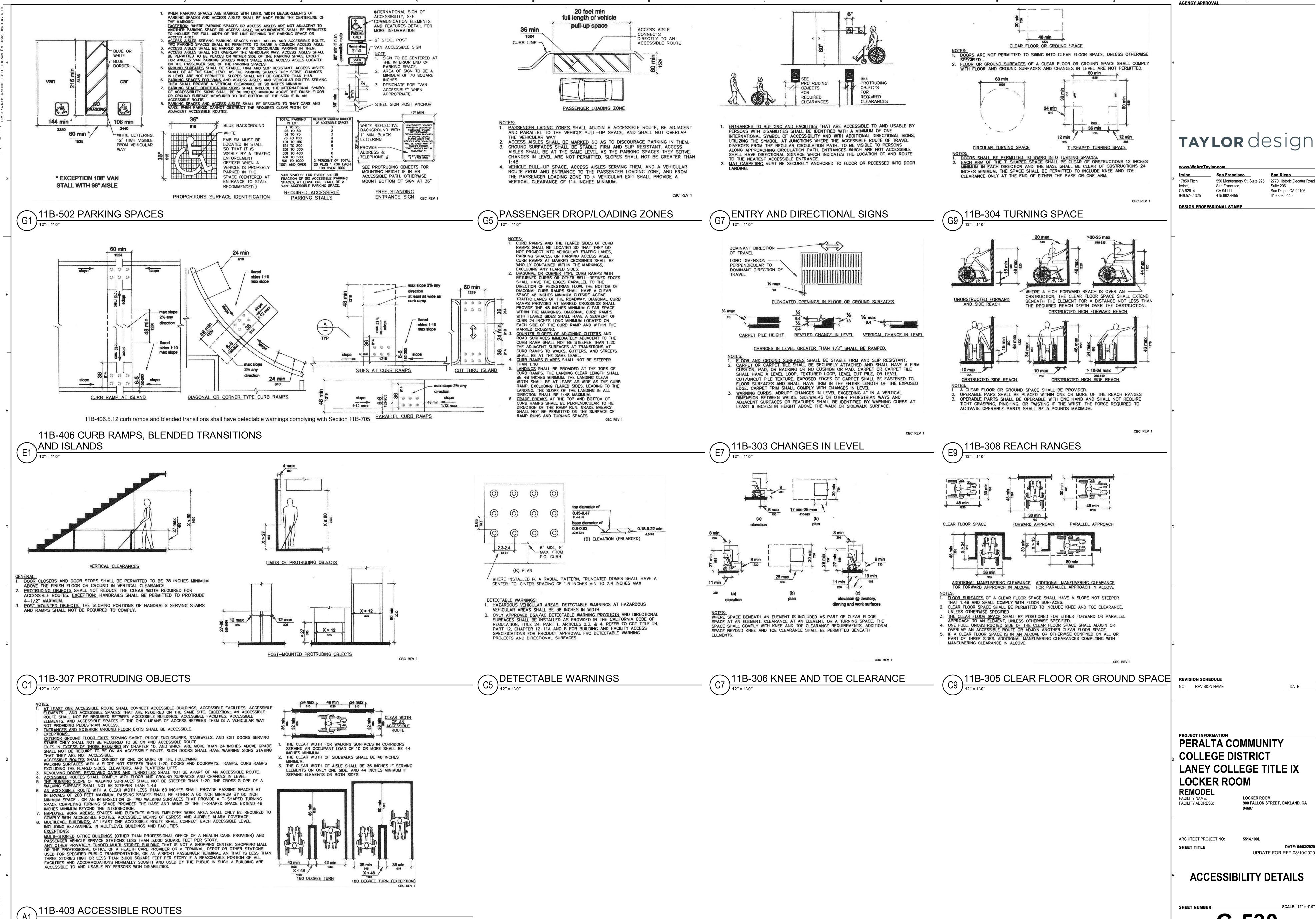
REFER TO SHEET G-140B

THE AREA OF ALTERATION

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**AGENCY APPROVAL** 





PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

LANEY COLLEGE TITLE IX LOCKER ROOM LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

UPDATE FOR RFP 08/10/2020

2770 Historic Decatur Road

San Diego, CA 92106

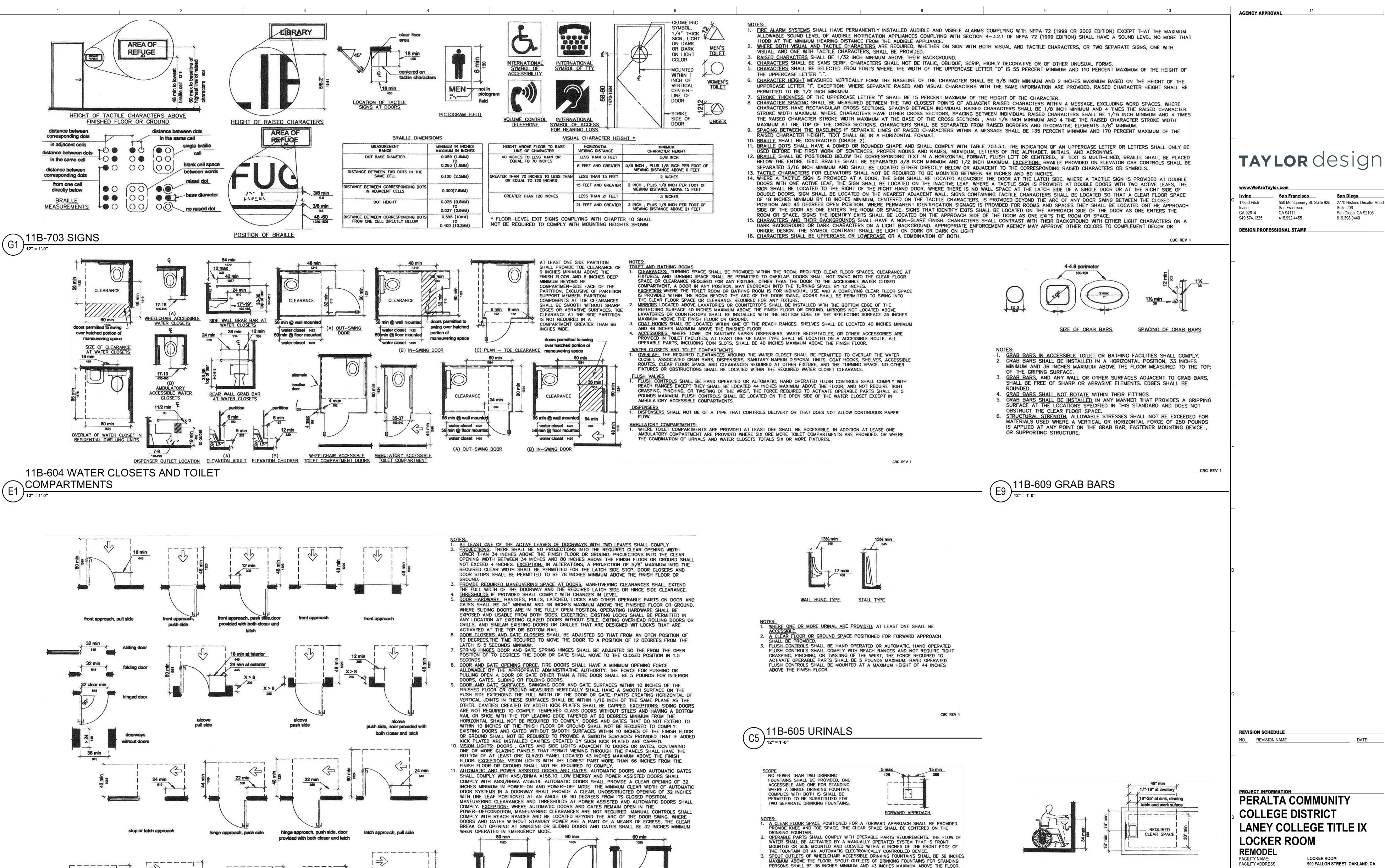
Suite 206

619.398.0440

SCALE: 12" = 1'-0"

5514.100L DATE: 04/03/2020

**ACCESSIBILITY DETAILS** 



latch approach, push side

1B-404 DOORS, DOORWAYS, AND GATES

1 ( A1)  $\frac{12'' = 1'-0''}{12''}$ 

door provided with closes

**PERALTA COMMUNITY COLLEGE DISTRICT** 

San Francisco

San Francisco,

CA 94111

415.992.4455

550 Montgomery St. Suite 925

2770 Historic Decatur Road

San Diego, CA 92106

Suite 206

619.398.0440

LANEY COLLEGE TITLE IX **LOCKER ROOM** REMODEL

FACILITY NAME: FACILITY ADDRESS:

**LOCKER ROOM** 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO: SHEET TITLE

5514.100L DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

SCALE: 12" = 1'-0"

**ACCESSIBILITY DETAILS** 

G-531

LAVATORIES AND SINKS A9  $\frac{12" = 1'-0"}{12"}$ 

∑11B-602 DRINKING FOUNTAINS **/** 12" = 1'-0"

INCHES MINIMUM AND 19 INCHES MAXIMUM IN DEPTH.

VERTICALLY FORM THE FLOOR OR GROUND SURFACE.

DRINKING FOUNTAIN

CBC REV

THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES MINIMUM IN HEIGHT. THE ANGLE OF THE WATER STREAM FROM THE SPOUTS WITHIN 3 INCHES OF THE FRONT OF

DEGREES MAXIMUM, MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE

DEPTH. WALL AND POST-MOUNTED CANTILEVERED DRINKING FOUNTAINS SHALL BE 18

COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR

PROTECTED ARE WITHIN WHICH A DRINKING FOUNTAIN IS LOCATED SHALL BE 32 INCHES

WIDE MINIMUM AND 18 INCHES DEEP MINIMUM, AND SHALL COMPLY WITH MANEUVERING CLEARANCES FOR ALCOVES. WHEN USED, WING WALLS OR BARRIERS SHALL PROJECT

HORIZONTALLY AT LEASE A FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6 INCHES

CBC REV 1

OTHERWISE POSITIONED SO AS NOT TO ENCROACH INTO PEDESTRIAN WAYS. THE

6. PEDESTRIAN PROTECTION. ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED

THE DRINKING FOUNTAIN SHALL BE 30 DEGREES MAXIMUM, AND FROM SPOUTS BETWEEN 3 INCHES AND 5 INCHES FROM THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 15

. A CLEAR FLOOR SPACE POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. EXCEPTION: A PARALLEL APPROACH SHALL BE PERMITTED TO A KITCHEN SINK IN A

KNEE AND TOE CLEARANCE SHALL BE PROVIDED, THE DIP OF THE OVERFLOW SHALL

3. FAUCETS SHALL COMPLY WITH OPERABLE PARTS. HAND-OPERATED METERING FAUCETS

WHERE ENHANCED REACH RANGE IS REQUIRED AT LAVATORIES, FAUCETS AND SOAP DISPENSER CONTROLS SHALL HAVE A REACH DEPTH OF 11 INCHES MAXIMUM OR, IF

AUTOMATIC, SHALL BE ACTIVATED WITHIN A REACH DEPTH OF 11 INCHES MAXIMUM.

WATER AND SOAP FLOW SHALL BE PROVIDED WITH A REACH DEPTH OF 11 INCHES

WATER SUPPLY AND DRAINPIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO

SPACE WHERE A COOK TOP OR CONVENTIONAL RANGE IS NOT PROVIDED.

NOT BE CONSIDERED IN DETERMINING KNEE AND TOE CLEARANCES.

SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.

SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM.

PULL CORD AND WINDOW

**OPERATOR CAN NOT REQUIRE** 

TWISTING OF THE WRIST IN

AREAS AVAILABLE TO THE

PUBLIC OR EMPLOYEE

COMMOM SPACES

PULL CORD ——

SWITCHES -

WINDOW OPERATOR

TOWEL DISPENSER

HAND DRYER

CUP DISPENSER

FEMININE NAPKIN

WASTE RECEPTACLE ----

AND WASTE RECEPTACLE

TOWEL DISPENSER -

TIGHT GRASPING, PINCHING OR

FULL LEGTH

MIRROR ---

MIRROR ---

THERMOSTAT

SOAP DISPENSER

PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

900 FALLON STREET, OAKLAND, CA

**AGENCY APPROVAL** 

NOTE: HARDWARE FOR ACCESSIBLE

LOCKERS SHALL BE OPERABLE WITH

ONE HAND AND SHALL NOT REQUIRE

TIGHT GRASPING, PINCHING OR

TWISTING OF THE WRIST. THE

FORCE REQUIRED TO OPERATE

ACCEPTABLE. PER CBC 11B-309

30" x 48" CLEAR AREA, TYP. IN

ACCESSIBLE LOCKERS

HARDWARE SHALL BE NO GREATER THAN 5 POUNDS OF FORCE. TOUCH

LATCHES AND U-SHAPED PULLS ARE

1. THE DEMOLITION PLAN KEYNOTES ARE DIAGRAMMATIC AND GENERAL IN NATURE. THE INTENT IS TO ILLUSTRATE THE COMPLETE DEMOLITION OF THE SPACES INDICATED UNLESS NOTED OTHERWISE. ACCESS THROUGH EXISTING CONSTRUCTION MAY BE REQUIRED BEYOND THE PROJECT AREA FOR UTILITY WORK, SEE DRAWINGS FROM OTHER DISCIPLINES FOR LOCATIONS. PATCH AND REPAIR TO MATCH EXISTING. PROVIDE ACCESS PANELS AS REQUIRED FOR VALVES, CLEANOUTS, DEVICES, AND SIMILAR. SUBMIT UTILITY ACCESS PLAN SHOWING EXTENTS OF ACCESS REQUIRED AND LOCATIONS OF ACCESS

SEE ID-SERIES DRAWINGS FOR ADDITIONAL INFORMATION ABOUT FINISHES AND FINISH DESIGNATIONS. CBC 2406 SAFETY GLAZING. PROVIDE CLASS A GLAZING PER ANSI Z97.1 IN ALL LOCATIONS. ALL GLASS SHALL BE TEMPERED WHETHER

### ANCHORS AND FASTENERS

ANCHORS AND FASTENERS TO COMPLY WITH THE FOLLOWING NOTES UNLESS STRUCTURAL NOTES PROVIDED. WHERE STRUCTURAL NOTES CONFLICT WITH THE FOLLOWING NOTES, STRUCTURAL NOTES TAKE PRECEDENCE. SEE STRUCTURAL GENERAL NOTES FOR DESIGN CRITERIA. DECK CRITERIA MINIMUM CONCRETE STRENGTH f'c =2000 PSI FOR NORMAL WEIGHT CONCRETE AND f'c=3000 PSI FOR ALL LIGHT WEIGHT CONCRETE

CONCRETE FILL DEPTH ABOVE THE TOP OF METAL DECK SHALL BE A MINIMUM OF 3 1/4" NORMAL WEIGHT CONCRETE. CONCRETE FILL DEPTH ABOVE THE TOP OF METAL COMPOSITE B-DECK SHALL BE A MINIMUM OF 3 3/4" NORMAL WEIGHT CONCRETE. STEEL DECK TO BE A MINIMUM OF 20GA.

EXPANSION AND SCREW ANCHORS: POST-INSTALLED ANCHORS & FASTENERS SHALL NOT BE USED IN PRE-STRESSED CONCRETE UNLESS NON-DESTRUCTIVE TESTING METHODS ARE USED TO LOCATE STRAND AND REINFORCEMENT PRIOR TO FASTENER INSTALLATION. PAF SHALL BE INSTALLED 1"

POST-INSTALLED ANCHORS & FASTENERS INSTALLATION SHALL NOT NICK OR DAMAGE EXISTING CONCRETE REINFORCEMENT. SHOULD THIS OCCUR NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY. POST-INSTALLED ANCHORS & FASTENERS SHALL BE INSTALLED 1" CLEAR OF EXISTING REINFORCEMENT. INSTALL ANCHORS IN CONCRETE CONSTRUCTION PER APPLICABLE ICC-ES REPORT. a. EXPANSION ANCHORS SHALL BE 3/8" DIAMETER X 2" MINIMUM EMBED OR 1/2" DIAMETER X 2-1/4" MINIMUM EMBED HILTI KB-TZ

PER ESR-1917, SIMPSON STRONG-BOLT 2 PER ESR-3037, OR POWERS POWER-STUD+ SD2 PER ESR-2502 UNLESS OTHERWISE SCREW ANCHORS SHALL BE 3/8" DIAMETER X 2-1/2" MINIMUM EMBED HILTI KWIK HUS-EZ (KH-EZ) PER ESR-3027, SIMPSON TITEN HD PER ESR-2713. OR POWERS WEDGEBOLT+ PER ESR-2526 UNLESS OTHERWISE NOTED.

INSTALL ANCHORS IN MASONRY CONSTRUCTION PER APPLICABLE ICC-ES REPORT. EXPANSION ANCHORS SHALL BE 3/8" DIAMETER X 2" MINIMUM EMBED OR 1/2" DIAMETER X 2-1/4" MINIMUM EMBED HILTI KWIK BOLT 3 (KB3) PER ESR-1385, SIMPSON WEDGE-ALL PER ESR-1396, OR POWERS POWER-STUD+ PER ESR-2966 UNLESS

SCREW ANCHORS SHALL BE 3/8" DIAMETER X 2-1/2" MINIMUM EMBED HILTI KWIK HUS-EZ (KH-EZ) PER ESR-3056, SIMPSON TITEN HD PER ESR-1056, OR POWERS WEDGEBOLT+ PER ESR-1678. CBC 1616A.1.19 PREQUALIFIED POST-INSTALLED ANCHORS AND SPECIALTY INSERTS IN CONCRETE AND MASONRY. POST-INSTALLED ANCHORS AND SPECIALTY INSERTS IN CONCRETE THAT ARE PRE-QUALIFIED FOR SEISMIC APPLICATIONS IN ACCORDANCE WITH ACI 355.2, ACI 355.4, ICC-ES AC193, ICC-ES AC232, ICC-ES AC308 OR ICC-ES AC446 SHALL BE PERMITTED. POST-INSTALLED ANCHORS IN MASONRY SHALL BE PREQUALIFIED FOR SEISMIC APPLICATIONS IN ACCORDANCE WITH ICC-ES AC01, AC58 OR AC106. USE OF SCREW ANCHORS SHALL BE LIMITED TO DRY INTERIOR CONDITIONS AND SHALL NOT BE USED IN BUILDING ENCLOSURES. REUSE OF SCREW ANCHORS OR SCREW ANCHOR HOLES SHALL NOT BE PERMITTED.

POWER ACTUATED FASTENERS: POWER ACTUATED FASTENER (PAF), POWDER DRIVEN FASTENERS (PDF), POWER DRIVEN PINS (PDP), AND SHOT PINS ALL REPRESENT THE SAME FASTENER, AND WILL HEREAFTER BE REFERRED TO AS POWER ACTUATED FASTENERS (PAF). INSTALL PER APPLICABLE ICC-ES REPORT. SATISFY THE CURRENT AC70-ACCEPTANCE CRITERIA FOR FASTENERS POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND THE 2016 CBC SECTIONS 1908A.1.1. LISTING OF CURRENT ICC ES EVALUATION REPORTS REQUIRED FOR

FASTENERS USED. a. POWER ACTUATED FASTENERS INSTALLED IN CONCRETE SHALL BE 0.157" DIAMETER X 1" MINIMUM EMBED AT NORMAL WEIGHT CONCRETE OR 0.145" IAMETER X 1.25" MINIMUM EMBED AT LIGHT WEIGHT CONCRETE HILTI X-U OR HILTI X-P PER ESR-2269. SIMPSON PDPA PER ESR-2138. OR POWERS SPIRAL CSI PINS PER ESR-2024 UNLESS OTHERWISE NOTED.

POWER ACTUATED FASTENERS INSTALLED IN MASONRY SHALL BE 0.145" DIAMETER X 1.25" MINIMUM EMBED HILTI X-U OR HILTI X-P PER ESR-2269 OR SIMPSON PDPA PER ESR-2138 UNLESS OTHERWISE NOTED POWER ACTUATED FASTENERS INSTALLED IN STRUCTURAL STEEL SHALL BE 0.145" DIAMETER KNURLED SHANK HILTI X-U OR X-U-15 PER ESR-2269, SIMPSON PDPA-XXK PER ESR-2138, OR POWERS SPIRAL CSI PINS PER ESR-2024 UNLESS OTHERWISE

POWER ACTUATED CEILING CLIP ASSEMBLIES SHALL BE HILTI X-CW PER ESR-2269, SIMPSON PCLDPA OR PECLDPA PER ESR-2138, OR POWERS SPIRAL CSI CEILING CLIP ASSEMBLY PER ESR-2024 UNLESS OTHERWISE NOTED. POWER ACTUATED FASTENER INSTALLED THROUGH LOW FLUTES OF THE METAL DECK SHALL MEET THE REQUIREMENTS OF THE INSTALLATION CRITERIA.

MINIMUM EDGE DISTANCE OF 1 1/8" FROM THE EDGE OF METAL DECK WEB AND 4" FROM THE EDGE OF THE DECK. STEEL DECK TO BE A MINIMUM OF 20GA. CONCRETE FILL DEPTH ABOVE THE TOP OF METAL DECK SHALL BE A MINIMUM OF 3 1/4" LIGHT WEIGHT CONCRETE. POWER ACTUATED FASTENER INSTALLED THROUGH STRUCTURAL STEEL SHALL MEET THE REQUIREMENTS OF THE INSTALLATION

ITION SHALL HAVE THE ENTIRE POINTED END OF THE FASTENER DRIVEN THROUGH THE STEEL MEMBER, EXCEPT AS NOTED IN CURRENT REPORTS FROM TESTING AGENCIES. MINIMUM STEEL TENSILE STRENGTH 58KSI MINIMUM SPACING 1 INCH.

MINIMUM EDGE DISTANCE 1/2 INCH.

SECTION E4.3.2 OF THE AISI S100-07/S2-10.

OTHERWISE NOTED.

CBC 1616A.1.20 ASCE 7, SECTION 13.4.5 POWER ACTUATED FASTENERS. ASCE 7 13.4.5.1 POWER ACTUATED FASTENERS. POWER ACTUATED FASTENERS QUALIFIED IN ACCORDANCE WITH ICC-ES AC 70 SHALL BE DEEMED TO SATISFY THE REQUIREMENTS OF SECTION 13.4.5. POWER ACTUATED FASTENERS SHALL BE PERMITTED IN SEISMIC SHEAR FOR COMPONENTS EXEMPT FROM PERMIT REQUIREMENTS BY CBC 1616A.1.18 AND FOR INTERIOR NON-BEARING NON-SHEAR WALL PARTITIONS ONLY. POWER ACTUATED FASTENER SHALL NOT BE USED TO ANCHOR SEISMIC BRACING. EXTERIOR CLADDING OR CURTAIN WALL SYSTEMS. EXCEPT FOR POWER ACTUATED FASTENERS IN STEEL TO STEEL CONNECTIONS PREQUALIFIED FOR SEISMIC APPLICATION BY CYCLIC TESTS IN ACCORDANCE WITH ICC-ES AC 70. TOTAL ALLOWABLE LOADS IN TENSION, SHEAR OR TENSION SHEAR COMBINATIONS SHALL NOT EXCEED 90 LBS AS PERMITTED BY EXCEPTION TO ASCE 7-10 SECTION 13.4.5.

TOTAL ALLOWABLE LOADS IN TENSION, SHEAR OR TENSION SHEAR COMBINATIONS SHALL NOT EXCEED 90 LBS. AS PERMITTED BY EXCEPTION TO ASCE 7-10 SECTION 13.4.5. TESTING OF PAF SHALL BE IN ACCORDANCE WITH CBC 1913A.7. MINIMUM CONCRETE SUBSTRATE THICKNESS SHALL BE THREE TIMES THE PAF PENETRATION INTO THE CONCRETE SUBSTRATE TESTING IS NOT REQUIRED OF PAF USED TO ATTACH TRACKS OF INTERIOR NON-SHEAR WALL PARTITIONS FOR SHEAR ONLY WHERE THERE ARE AT LEAST THREE FASTENERS.

SHEET METAL SCREWS: COMPLY WITH ASTM C 1513-10, ASME B18.6.4-98 (R2005) AND ICC-ES AC 118. NUMBER 8 OR 10 SIZE BY LENGTH AS REQUIRED TO PENETRATE MATERIALS WITH A MINIMUM OF THREE EXPOSED THREADS PER ICC-ES AC118 ACCEPTANCE CRITERIA FOR SELF TAPPING SCREW FASTENERS UNLESS OTHERWISE NOTED. THE MINIMUM SPACING BETWEEN CENTERS OF FASTENERS SHALL NOT BE LESS THAN 3 X FASTENER DIAMETER. THE MINIMUM EDGE DISTANCE FROM THE CENTER OF A FASTENER TO THE EDGE OF ANY PART SHALL NOT BE LESS THAN 1.5 X FASTENER DIAMETER. WHERE THE END DISTANCE IS PARALLEL TO THE FORCE ON THE FASTENER, THE NOMINAL SHEAR STRENGTH SHALL BE LIMITED BY

### FLOORING NOTES

CBC 11B-302.1 FLOOR OR GROUND SURFACES: SHALL BE STABLE FIRM AND SLIP RESISTANT CBC 11B-303 CHANGES IN LEVEL: CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL GREATER THAN 1/4" AND LESS THAN 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2 AND PROVIDED WITH A FLOORING TRANSITION STRIP OR THRESHOLD. CHANGES IN LEVEL GREATER THAN 1/4" WITHOUT TRANSITION STRIP OR THRESHOLD TO BE BLENDED WITH CAST UNDERLAYMENT WITH A MAXIMUM SLOPE 2%. INSPECT FLOOR FOR DORMANT CRACKS AND PROVIDE MOISTURE VAPOR, INTERNAL RELATIVE HUMIDITY AND ALKALINITY TESTING HROUGHOUT THE PROJECT AREA. PROVIDE REMEDIAL TREATMENTS IN ACCORDANCE WITH SPECIFICATIONS AND UNIT PRICE OR ALTERNATE

PROCEDURES WHERE RECOMMENDED BY FLOORING MANUFACTURERS. PROVIDE UNDERLAYMENT AS NECESSARY TO PROVIDE 2% SLOPE TO DRAIN WHERE OCCURS. PROVIDE DOOR UNDERCUT AS NECESSARY TO ACCOMMODATE UNDERLAYMENT THICKNESS WITHIN THE DOOR SWING.

REMOVE LAYOUT MARKS OR OTHERWISE SEAL TO PREVENT TRANSFER OF MARKS THROUGH FLOOR FINISH. TEST CONCRETE SLABS FOR MOISTURE AND PH ACCORDING TO ASTM F-170. PERFORM ANY TESTS RECOMMENDED BY MANUFACTURER. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS TESTING. IF TEST DOES NOT PASS, PROVIDE VAPOR RETARDER AS FOLLOWS OR EQUAL

I. DIAMOND STONE - DIAMOND WATER VAPOR REDUCTION SYSTEM 2. FLOOR SEAL TECHNOLOGY, INC. - SYSTEM 3 (MES COAT) 3. ARDEX - MOISTURE CONTROL PLUS USE MANUFACTURER RECOMMENDED CONCRETE SEALER AT RESILIENT FLOORING LOCATIONS.

REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION.

### FRAMING AND PARTITIONS

NONSTRUCTURAL METAL FRAMING COMPONENTS AND INSTALLATION: PER SSMA PRODUCT TECHNICAL GUIDE AND ESR-3064P. SSMA STUD DESIGNATIONS = [MEMBER DEPTH (1/100")] [STUD TYPE] [FLANGE WIDTH (1/100")] - [MATERIAL THICKNESS (1/1000")]. STUD TYPES: S=STUD, T=TRACK, U=CHANNEL, F=FURRING CHANNEL CH/CT/CI=SHAFT WALL STUD. GALVANIZED METAL STUDS, TRACK AND SHEET STEEL SHALL CONFORM TO ASTM A653-09a MATERIAL (OR OTHER EQUIVALENT ASTM LISTED MATERIALS IN THE AISI S100-07/S2-10, SECTION A2.1) WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GA) AND LIGHTER, AND MINIMUM YIELD STRENGTH OF 50 KSI FOR 54 MIL (16 GA) & HEAVIER.

STUD FRAMING MAY BE PUNCHED UNLESS OTHERWISE NOTED. TRACK SHALL BE UNPUNCHED UNLESS OTHERWISE NOTED. TYPICAL FRAMING SCHEDULE: MINIMUM FRAMING DESIGNATIONS SHOWN, OPTIONAL TO PROVIDE FRAMING WITH EQUAL OR HIGHER AREA. SECTION MODULUS AND MOMENT OF INERTIA PROVIDED MATERIALS CONFORM TO THE SAME ASTM STANDARD WITH EQUAL OF HIGHER YIELD STRENGTH AND ULTIMATE STRENGTH.

EDUCATION, LABORATORY PROJECTS: FURRING, CEILINGS, AND SOFFITS: 162S125-33 (20 GA), 162T125-33 (20 GA) TYPICAL FRAMING UNLESS OTHERWISE NOTED: 362S162-43 (18 GA), 362T125-43 (18 GA), 362T250-43 (18 GA)

FRAMING CONFIGURATION AND DETAILS: A. SEE TYPICAL FRAMING DETAILS. NOT ALL TYPICAL FRAMING DETAILS ARE USED. SELECT DETAIL TO SUIT CONDITIONS. WHERE DETAIL SELECTION IS UNCLEAR SUBMIT REQUEST FOR INFORMATION. PARTITION WALL STUDS ARE SPACED 16" ON CENTER UNLESS OTHERWISE NOTED.

PROVIDE BRIDGING OR LATERAL STUD BRACING 48" ON CENTER VERTICALLY FOR FULL HEIGHT OF WALL EXCEPT WHERE GYPSUM BOARD IS INSTALLED ON BOTH SIDE OF WALL. AT PARTIAL HEIGHT WALLS AND SOFFITS PROVIDE HEAD OF WALL BRACING OR BASE OF SOFFIT BRACING AT 48" ON CENTER.

WHERE PARTIAL HEIGHT JAMB STUD ARE REQUIRED DUE TO OVERHEAD OBSTRUCTIONS PROVIDE TOP OF JAMB BRACING OR TRAPEZE PROVIDE BACKING PLATES FOR ALL WALL-MOUNTED ELEMENTS IN ACCORDANCE WITH THE WEIGHT LIMITATIONS FOR EACH BACKING PLATE TYPE. COORDINATE BACKING PLATE LOCATIONS WITH ELEVATIONS AND EQUIPMENT DRAWINGS. USE FACTORY PUNCHOUTS FOR CONDUIT AND PIPE PENETRATIONS OF METAL FRAMING. FACTORY PUNCHOUTS WILL BE LOCATED ALONG THE CENTER LINE OF THE WERS OF THE STLID MEMBERS AND WILL HAVE A MINIMUM CENTER TO CENTER SPACING OF 24"

PUNCHOUTS FOR MEMBERS GREATER THAN 2 ½" DEEP ARE A MAXIMUM OF 1 ½" WIDE X 4 ½" LONG. MEMBERS WITH DEPTHS 2 ½" AND SMALLER ARE MAXIMUM 3/" WIDE X 4 1/2" LONG. ANY CONFIGURATION OR COMBINATION OF HOLES THAT FIT WITHIN THE PUNCHOUT WIDTH AND LENGTH LIMITATIONS MENTIONED ABOVE SHALL BE PERMITTED; OTHER PUNCHOUT CONFIGURATIONS AND LOCATIONS NOT IN COMPLIANCE WITH LIMITATIONS LISTED ABOVE MUST BE PREAPPROVED BY A DESIGN PROFESSIONAL. DO NOT CUT FLANGES. H. ALIGN FACE OF FINISH WHERE CONSTRUCTION & FINISHES OF DIFFERENT THICKNESSES ADJOIN. GYPSUM BOARD GYPSUM BOARD SHALL CONSIST OF SINGLE-PLY 5/8" THICK IN ACCORDANCE WITH ASTM C11-10a. GYPSUM BOARD SHALL BE ATTACHED TO WITH ASTM C1002-07 TYPE S (ASTM A568-11b GRADES 1018 TO 1022) SCREWS (NOT LESS

THAN, NO. 6, WITH MAJOR DIAMETER NOT LESS THAN 0.136 IN) AT 12" ON CENTER MAXIMUM, IN ACCORDANCE WITH ASTM C840-11. IN ROOMS W/ WET FUNCTIONS (EG., RESTROOMS, SHOWERS, LOCKER ROOMS, AUTOCLAVES, KITCHENS, ETC.) OR WHERE TILE IS THE SPECIFIED FINISH, PROVIDE WATER RESISTANT FIBERGLASS MATT FACED GYPSUM BOARD. FOR WALLS NOT INDICATED AS FULL HEIGHT, GYPSUM BOARD MAY TERMINATE 6" ABOVE CEILING. PROVIDE BRIDGING OR LATERAL STUD BRACING ABOVE TERMINATION.

FIRE-RESISTANCE RATED PARTITIONS SEE GENERAL FIRE INFORMATION NOTES ON G-010.

ACOUSTICAL PARTITIONS WALL SHEATHING ON ACOUSTICAL PARTITIONS SHALL EXTEND DECK TO DECK UNLESS OTHERWISE NOTED. PROVIDE SEALANT AT BOTH SIDES OF WALL BOTTOM BETWEEN GYPSUM BOARD AND DECK. FOR HEAD OF WALL JOINT @ ACOUSTICAL WALLS PROVIDE INSULATION AND SEALANT SIMILAR TO FIRE-RESISTIVE HEAD OF WALL DETAILS. DO NOT ATTACHED INTERIOR PARTITIONS TO EXTERIOR WALLS; PROVIDE SEALANT JOINTS AT EACH SIDE OF PARTITION. PROVIDE ACOUSTICAL INSULATION TO FILL STUD CAVITIES. PACK HEADERS, JAMBS & SILLS WITH INSULATION. JUNCTION BOXES SHALL NOT BE LOCATED BACK TO BACK. WRAP JUNCTION BOXES WITH ACOUSTICAL PUTTY PADS. PROVIDE ACOUSTICAL SEALANT AROUND JUNCTION BOXES AT INTERFACE WITH GYPSUM BOARD. PROVIDE ACOUSTICAL SEALANT AROUND PENETRATIONS.

### DOORS, HARDWARE AND OPERATION

CBC 716.5 FIRE DOOR AND SHUTTER ASSEMBLIES. FIRE DOOR ASSEMBLIES SHALL MEET THE REQUIREMENTS FOR SMOKE AND DRAFT CONTROL DOORS AND SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 AND UL 1784. FIRE DOOR ASSEMBLIES SHALL BE INSTALLED AND LABELED IN ACCORDANCE WITH NEPA 80 AND NEPA 105. CBC 716.5.8 GLAZING MATERIAL. FIRE-RESISTANCE-RATED GLAZING TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263 AND NFPA 252. UL 10B OR UL 10C SHALL BE PERMITTED UP TO 100 SQUARE INCHES UNLESS. LARGER SIZE PERMITTED UP TO MAXIMUM SIZED TESTED AND IN ACCORDANCE WITH THEIR LISTINGS.

CBC 1010.1 DOORS. EGRESS DOORS SHALL BE READILY DISTINGUISHABLE FROM THE ADJACENT CONSTRUCTION AND FINISHES SUCH THAT THE DOORS ARE EASILY RECOGNIZABLE AS DOORS. SEE DOOR SCHEDULE ON A-600 AND FINISH DESIGNATIONS ON ID600 FOR DOOR AND FRAME 4. CBC 716.5.9 & 11B-404.2.8 DOOR CLOSING. FIRE DOORS SHALL BE LATCHING AND SELF OR AUTOMATIC-CLOSING. PROVIDE LATCH & CLOSER HARDWARE FOR ALL DOORS WITH A FIRE RATING EXCEPT FOR IN GROUP I-2 OCCUPANCIES. SELF-CLOSING OR AUTOMATIC-CLOSING DEVICES

ARE NOT REQUIRED ON CORRIDOR DOORS TO PATIENT SLEEPING ROOMS, TREATMENT ROOMS, AND OFFICES. SINGLE FIRE DOORS AND BOTH LEAVES OF PAIRS OF SIDE-HINGED SWINGING FIRE DOORS SHALL BE PROVIDED WITH AN ACTIVE LATCH BOLT THAT WILL SECURE THE DOOR WHEN IT IS CLOSED. ADJUST HARDWARE SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.

CBC 1010.1.2 DOOR SWING, EGRESS DOORS SHALL BE OF THE SIDE-HINGED SWINGING TYPE AND SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS AND IN L OCCUPANCIES ALL EXIT AND EXIT-ACCESS DOORS SERVING AREAS WITH HAZARDOUS MATERIALS CBC 1010.1.3 11B-404.2.9 DOOR OPENING FORCE. THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING, SLIDING, AND FOLDING DOORS, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5 POUNDS. THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT

LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION. FOR OTHER SWINGING DOORS, AS WELL AS SLIDING AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECTED TO A 15-POUND FORCE. THE DOOR SHALL BE SET IN MOTION WHEN SUBJECTED TO A 30-POUND (133 N) FORCE. THE DOOR SHALL SWING TO A FULL-OPEN POSITION WHEN SUBJECTED TO A 15-POUND FORCE. FORCES SHALL BE APPLIED TO THE LATCH SIDE OF THE DOOR. ADJUST DOOR HARDWARE AS NECESSARY TO ACHIEVE DOOR OPENING FORCE REQUIREMENTS.

CBC 1010.1.5, 1010.1.6, & 11B-404.2.4 FLOOR ELEVATION. THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF THE DOOR WITH A MAXIMUM SLOPE OF 2% AND VARIATION IN ELEVATION AT EACH SIDE NOT MORE THAN 1/2". FLOOR OR LANDING SHALL BE FULL SIZE OF THE REQUIRED MANEUVERING CLEARANCE PER CBC 11B-404.2. CBC 1010.1.7 & 11B-404.2.5 THRESHOLDS. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2 INCH ABOVE THE FINISHED FLOOR OR LANDING.

RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATER THAN 1/4 INCH AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN ONE UNIT VERTICAL IN TWO UNITS HORIZONTAL (50-PERCENT SLOPE). WHERE FLOORING TRANSITIONS OCCUR AT DOORWAYS, CENTER TRANSITION UNDER DOOR LEAF IN THE CLOSED POSITION. CBC 1010.1.9 DOOR OPERATIONS. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR

11. CBC 1010.1.9.1 HARDWARE. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS SHALL NOT REQUIRE TIGHT

GRASPING TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE CBC 1010.1.9.2 & 11B-404.2.7 HARDWARE LOCATION. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISHED FLOOR, LOCKS USED ONLY FOR SECURITY PURPOSES AND NOT USED FOR NORMAL OPERATION ARE PERMITTED AT ANY HEIGHT. DOOR HANDLES, PULLS, LEVER TRIM, AND PANIC HARDWARE TO BE MOUNTED AT 40 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED, WHERE SLIDING OR POCKET DOORS ARE IN THE FULLY OPEN POSITION.

CBC 1010.1.9.3 3. LOCKS AND LATCHES. WHERE EGRESS DOORS ARE USED IN PAIRS, APPROVED AUTOMATIC FLUSH BOLTS SHALL BE

OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES

PERMITTED TO BE USED, PROVIDED THAT THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS DOES NOT HAVE A DOORKNOB OR SURFACE-14. CBC 1010.1.9.4 BOLT LOCKS. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. EXCEPT WHERE A PAIR OF DOORS SERVES A STORAGE OR EQUIPMENT ROOM, MANUALLY OPERATED EDGE OR SURFACE-MOUNTED BOLTS ARE PERMITTED ON THE INACTIVE

CBC 1010.1.9.5 UNLATCHING, UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. CBC 1010.1.10 PANIC AND FIRE EXIT HARDWARE. DOORS SERVING ROOMS OR SPACES WITH AN OCCUPANT LOAD OF 50 OR MORE IN A GROUP A OCCUPANCY, ASSEMBLY AREA NOT CLASSIFIED AS AN ASSEMBLY OCCUPANCY E, I-2, I-2.1, L OCCUPANCY EXIT AND EXIT ACCESS DOORS FROM AREAS WITH HAZARDOUS MATERIALS, AND ELECTRICAL ROOMS SHALL NOT BE PROVIDED WITH A LATCH OR LOCK OTHER THAN PANIC

HARDWARE OR FIRE EXIT HARDWARE 17. CBC 11B-404.2.4 MANEUVERING CLEARANCES. MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH TABLE CBC 11B-404.2.4.1. AND FIGURE CBC 11B-404.2.4.1. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE CBC 11B-404.2.10 DOOR AND GATE SURFACES. SWINGING DOOR SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED

VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PROVIDE 16 GAUGE STAINLESS STEEL KICK PLATE FULL DOOR WIDTH LESS 2 INCHES AND FREE OF SHARP OR ABRASIVE EDGES EXCEPT FOR SLIDING DOORS. TEMPERED GLASS DOORS WITHOUT STILES AND HAVING A BOTTOM RAIL OR SHOE WITH THE TOP LEADING EDGE TAPERED TO 60 DEGREES MINIMUM FROM HORIZONTAL SHALL NOT BE REQUIRED TO MEET THE 10 INCH BOTTOM SMOOTH SURFACE HEIGHT REQUIREMENT. CBC 11B-404.2.11 VISION LIGHTS. DOORS, GATES, AND SIDE LIGHTS ADJACENT TO DOORS OR GATES, CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF GLAZED PANEL LOCATED 42 INCHES MAXIMUM ABOVE THE

20. CBC 11B-404.3 AUTOMATIC AND POWER-ASSISTED DOORS AND GATES. AUTOMATIC DOORS AND AUTOMATIC GATES SHALL COMPLY WITH SECTION CBC 11B-404.3. FULL-POWERED AUTOMATIC DOORS SHALL COMPLY WITH ANSI/BHMA A156.10. LOW-ENERGY AND POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.19.

1. THE ARCHITECTURAL DRAWINGS ESTABLISH AND GOVERN THE FINISHED APPEARANCE AND LOCATION OF ALL EXPOSED WORK OF ALL TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DWGS OF OTHER DISCIPLINES. LOCATIONS SHOWN ON DRAWINGS OF OTHER DISCIPLINES ARE SCHEMATIC, UNLESS NOTED OTHERWISE ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS, SECTIONS, ELEVATIONS AND DETAILS ILLUSTRATE THE DIMENSIONED LOCATION OF MANY (BUT NOT ALL) EXPOSED PARTS OF THE WORK. APPLY THE FOLLOWING LAYOUT RULES TO DETERMINE THE EXACT

LOCATION OF EXPOSED PARTS OF THE WORK: RULE 1 - WHEN DIMENSIONED ON RCP. LOCATE ITEMS AS INDICATED WHEN SHOWN DIMENSIONED BY A REFLECTED CEILING PLAN, ENLARGED REFLECTED CEILING PLAN, OR DETAIL. SPECIFIC DIMENSIONS SHOWN BY REFLECTED CEILING PLANS, ELEVATIONS, OR DETAILS TAKE PRECEDENCE OVER TYPICAL LOCATION RULES

RULE 2 - WHEN NOT DIMENSIONED BUT SHOWN CENTERED. LOCATE ITEMS CENTERED IN SPACE (OR CEILING PLANE) WHEN SHOWN (BUT NOT DIMENSIONED) VISUALLY AT APPROXIMATE CENTER OF SPACE OR CENTERLINE BETWEEN FLEMENTS. RULE 3 - WHEN OFF-CENTERED IN SPACE BUT CENTERED ON ADJACENT FEATURE. LOCATE ITEMS CENTERED ON ADJACENT OPENING OR FEATURE WHEN SHOWN (BUT NOT DIMENSIONED) OFF-CENTER IN OVERALL SPACE BUT CENTERED AGAINST ADJACENT FEATURE. RULE 4 - WHEN ALIGNED WITH OTHER FEATURES. LOCATE ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, DEVICES, ETC.) ALIGNED WITH ADJACENT ITEMS FOR WHICH DIMENSIONS OR RULES ARE PROVIDED. VISUAL ALIGNMENT IS CRITICAL. THE CONTRACTOR SHALL SELECT ONE ITEM IN EACH LINE (ON BASIS OF TOLERANCES, SEQUENCE OF CONSTRUCTION, TRADE OR OTHER CRITERIA) TO SERVE AS THE BENCHMARK FOR FACH ALIGNMENT

RULE 5 - ALIGN WITH FEATURES SHOWN DIMENSIONED ELSEWHERE IN SPACE. LOCATE ITEMS ALIGNED WITH OTHER ITEMS SHOWN DIMENSIONED ELSEWHERE IN SPACE (OR CEILING PLANE). RULE 6 - LOCATE FEATURES SYMMETRICALLY. LOCATE ITEMS SYMMETRICALLY WITH OTHER ITEMS SHOWN DIMENSIONED ELSEWHERE IN SPACE (OR CEILING PLANE)

RULE 7 - WHEN NOT DIMENSIONED BUT OCCURS ON A SQUARE GRID-TYPE CEILING. LOCATE ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, DEVICES, ETC.) AT CENTER OF PANEL ON SQUARE GRID-TYPE CEILINGS. RULE 8 - WHEN NOT DIMENSIONED BUT OCCURS ON A RECTANGULAR GRID-TYPE CEILING. LOCATE ITEMS (LIGHT FIXTURES. SPRINKLER HEADS, DEVICES, ETC.) AT CENTER OF SHORT DIRECTION OF RECTANGULAR PANEL; LOCATE AT 1/4, 1/2, OR 3/4 POINT OF LONG DIRECTION OF RECTANGULAR PANEL RULE 9 - GRID WHEN NOT DIMENSIONED BUT SHOWN CENTERED. LOCATE CEILING TILES CENTERED IN SPACE (OR CEILING PLANE)

WHERE SHOWN (BUT NOT DIMENSIONED) VISUALLY AT APPROXIMATE CENTER OF SPACE. RULE 10 - GRID WHEN NOT DIMENSIONED BUT SHOWN AT A CORNER. LOCATE CEILING TILES FROM CORNER OF SPACE (OR CEILING PLANE) WHEN SHOWN (BUT NOT DIMENSIONED) VISUALLY AT CORNER OF SPACE TYPICAL TOLERANCES FOR LOCATING SPRINKLER HEADS RULE 1 - LOCATE HEADS AS SHOWN ON ARCHITECTURAL DRAWINGS. FOR MANY SPACES THE ARCHITECTURAL REFLECTED CEILING

PLANS ESTABLISH AN IDEAL PATTERN FOR LOCATING SPRINKLER HEADS. IN SPACES WHERE HEADS ARE SHOWN, FOLLOW PATTERN ESTABLISHED BY THE DRAWINGS. WHERE ADDITIONAL HEADS ARE REQUIRED TO CONFORM WITH CODE, PROVIDE HEADS IN GENERAL CONFORMANCE WITH PATTERN ESTABLISHED BY THE DRAWINGS. IN SPACES WHERE SPRINKLER HEADS ARE NOT SHOWN BY THE ARCHITECTURAL REFLECTED CEILING PLANS, PROVIDE HEADS AS REQUIRED BY CODE AS A MINIMUM, BUT SUFFICIENT IN QUANTITY TO FOLLOW THE RULES OF ALIGNMENT PER THE ABOVE (ie; MORE THAN CODE MINIMUM MAY BE REQUIRED FOR ARCHITECTURALLY ACCEPTABLE LAYOUT) RULE 2 - LOCATE HEADS WITHIN 3" DIAMETER OF IDEAL LOCATION POINT. LOCATE SPRINKLER HEADS WITHIN 3" DIAMETER OF IDEAL POINT DIMENSIONED (OR SHOWN BY RULE) ON REFLECTED CEILING PLAN.

RULE 3 - LOCATE LINES OF HEADS WITHIN 1 1/2" OF IDEAL CENTERLINE. LOCATE SPRINKLER HEADS WITHIN 1 1/2" OF LINE DEFINED BY IDEAL CENTERLINE LINKING IDEAL POINTS AT ENDS OF LINES OF HEADS. RULE 4 - LOCATE LINES OF HEADS WITHIN 1 1/2" OF LINE LINKING ACTUAL END HEADS. LOCATE SPRINKLER HEADS WITHIN 1 1/2" OF LINE DEFINED BY CENTERLINE LINKING ACTUAL HEADS AT ENDS OF LINES OF HEADS. ACCESS PANELS: ACCESS TO THE SPACE BETWEEN THE CEILING AND THE FLOOR OR ROOF ABOVE SHALL NOT BE ALLOWED. SMALL ACCESS PANELS FOR THE INSPECTION, ADJUSTMENT, OR REPAIR OF UTILITY SWITCHES, VALVES, SENSORS, ETC. MAY BE ALLOWED IF THE PANEL IS LESS THAN 300 SQUARE INCHES. SUCH PANELS SHALL ALSO HAVE A PERMANENT WARNING LABEL AS FOLLOWS: "WARNING: DO NOT CLIMB,

WALK, OR CRAWL ON THE GYPSUM BOARD CEILING. DO NOT STORE OR STOW ANYTHING ON THE GYPSUM BOARD CEILING." LABEL TO BE ON INSIDE FACE OF LID LIMITED TO CEILING ASSEMBLIES HAVING MAXIMUM DEAD WEIGHT OF 4 PSF, INCLUDING LIGHTING FIXTURES AND MECHANICAL SERVICES, EACH WEIGHING LESS THAN 56 LBS AND ATTACHED TO CEILING FRAMING SYSTEM. GRID SUSPENSION SYSTEM COMPONENTS SHALL BE PER USG PER ESR-1222, ROCKFON CHICAGO METALLIC ESR-2631, CERTAINTEED ESR-

ESR-3336, ARMSTRONG ESR-1289, OR ARMSTRONG ESR-1308 UNLESS OTHERWISE NOTED. COMPLY WITH ASTM C635 AND E580. THE CEILING GRID SYSTEM SHALL BE RATED HEAVY DUTY AS DEFINED BY ASTM C635. HANGER AND BRACING WIRES SHALL BE #12 GAGE (0.106" DIAMETER), SOFT ANNEALED, AND GALVANIZED STEEL WIRES WITH CLASS 1 COATING. THEY MAY BE USED FOR UP TO AND INCLUDING 4'-0" A 4'-0" GRID SPACING ALONG AND ATTACHED TO MAIN RUNNERS.

SPLICES ARE NOT PERMITTED IN ANY HANGER WIRE. MAIN RUNNERS AND CROSS RUNNERS ALONG WITH THEIR SPLICES, INTERSECTION CONNECTORS, AND EXPANSION DEVICES SHALL BE DESIGNED AND CONSTRUCTED TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 180 LBS. IN COMPRESSION & TENSION, IN ACCORDANCE WITH ASTM 580 SECTION 5.1.2. INSTALLATION, SHALL COMPLY WITH ASTM C636 AND E580 SECTION 5.2

PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS. CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS, IN ACCORDANCE WITH ASTM E580 SECTION 5.2.3. CEILING GRID MEMBERS SHALL BE AT LEAST 3/4" INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONAL TO THE CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE, AND A MINIMUM OF 3/4 INCH CLEAR OF WALL. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN TWO (2) INCHES.

AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL. PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A #16 GAGE WIRE WITH A POSITIVE MECHANICAL CONNECTION TO RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS EIGHT (8) INCHES OR LESS, THIS INTERCONNECTION IS NOT REQUIRED. FRAMED SUSPENSION SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C754:

MAIN RUNNERS SHALL CONSIST OF 16 GAGE 1-1/2" COLD ROLLED U-CHANNEL 150U050-54 SPACED AT 4'-0" OC MAX. MAIN RUNNERS SHALL BE SUPPORTED BY HANGER WIRES AT 4'-0" OC MAX AND WITHIN 6" FROM EA END. FURRING CHANNEL SHALL CONSIST OF 25 GAGE 7/8" (HAT) FURRING CHANNELS (087F125-18) at 2'-0" OC MAX. FURRING CHANNELS SHALL BE SADDLE TIED TO MAIN RUNNERS WITH 16 GAGE TIE WIRE OR A DOUBLE STRAND OF 18 GAGE TIE WIRE. BE DESIGNED AND CONSTRUCTED TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 270 LBS. IN COMPRESSION & TENSION. HANGER AND BRACING WIRES SHALL BE #12 GAGE (0.106" DIAMETER), SOFT ANNEALED, AND GALVANIZED STEEL WIRES WITH CLASS 1 COATING. THEY MAY BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG AND ATTACHED TO MAIN RUNNERS. SPLICES ARE NOT PERMITTED IN ANY HANGER WIRE. WIRE HANGERS SHALL BE SADDLE-TIED AROUND MAIN RUNNERS SO AS TO PREVENT TURNING OR TWISTING OF THE MEMBER.

INSTALLATION SHALL COMPLY WITH ASTM C754: CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS. MAIN RUNNERS AND FURRING CHANNEL SHALL BE AT LEAST 1 INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONAL TO THE CEILING GRID SYSTEM RUNNERS. ONE END OF MAIN RUNNER AND FURRING SHOULD BE FREE WITH STANDARD CLEARANCES. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN TWO (2) INCHES. JOISTED CEILING FRAMING SHALL COMPLY WITH WALL FRAMING NOTES. MAXIMUM SPAN 8'-8".

CEILING WIRE SHALL CONFORM WITH GALVANIZED SOFT ANNEALED MILD STEEL WIRE AS DEFINED IN ASTM A641 (CLASS 1 COATING) WITH 70

FOUR (4) TWISTS OF WIRE WITHIN 1.5" DEVELOPS THE ALLOWABLE LOAD FOR THE WIRE. THREE (3) TWISTS WITHIN 3" MAY BE USED TO DEVELOP THE MAXIMUM 50% OF ALLOWABLE LOAD.

KSI MINIMUM TENSILE STRENGTH:

### CEILINGS (CONT'D)

10. EXPANSION JOINTS, SEISMIC SEPARATIONS. AND PENETRATIONS: EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT INTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS WITH LOBBIES OR OTHER SIMILAR AREAS. FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET, A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQ. FT

PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL DIRECTIONS. A FLEXIBLE SPRINKLER HOSE FITTING THAT CAN ACCOMMODATE ONE (1) INCH OF CEILING MOVEMENT SHALL BE PERMITTED TO BE USED IN LIEU OF THE OVERSIZED RING. SLEEVE OR ADAPTER. SUCH FLEXIBLE SPRINKLER HOSE SHALL BE ADEQUATELY SUPPORTED FROM SOFFIT SO AS NOT TO EXCEED THE MAXIMUM TRIBUTARY WEIGHT OF THE CEILING.

ELECTRICAL METALLIC TUBE (EMT) SHALL BE ANSI C80.3/UL 797 CARBON STEEL WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH OF 30 KSI AND MINIMUM ULTIMATE STRENGTH OF 48 KSI. LATERAL FORCE BRACING: LATERAL FORCE BRACING IS REQUIRED IN ACCORDANCE WITH THIS SECTION FOR ALL CEILING AREAS. UNLESS OTHERWISE NOTED. EXCEPT LATERAL FORCE BRACING MAY BE OMITTED FOR SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 144 SQ. FT. OR LESS, WHEN PERIMETER SUPPORT IN ACCORDANCE WITH ASTM E580 ARE PROVIDED AND PERIMETER WALLS ARE DESIGNED TO CARRY THE CEILING LATERAL FORCES.

PROVIDE LATERAL-FORCE BRACING ASSEMBLIES CONSISTING OF A STRUT AND FOUR (4) #12 GAGE BRACING WIRES ORIENTED 90 DEGREES FROM FACH OTHER THE SLOPE OF BRACING WIRES MAY BE FROM 10 TO 45 DEGREES, BUT MAY NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND WIRES SHALL BE TAUT. STRUTS SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES AND SHALL NOT BE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB.

13. ATTACHMENT OF HANGER AND BRACING WIRES: FASTEN #12 HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURNS IN 3 INCHES. HANGER WIRE LOOPS SHALL BE TIGHTLY

OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. PROVIDE ADDITIONAL HANGERS,

WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION OF THE MEMBER WITHIN THE LOOPS. FASTEN #12 BRACING WIRES WITH FOUR (4) TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1 1/2" INCHES. HANGER OR BRACING WIRE ANCHORED TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE. SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES CONDUITS, ETC HANGER WIRES SHALL NOT BE ATTACHED TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. PROVIDE TRAPEZE OR

STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB SHALL REQUIRE PROJECT SPECIFIC DESIGN. WHEN DRILLED-IN CONCRETE ANCHORS OR PAF ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 WIRE/ ANCHOR ASSEMBLIES SHALL BE FIELD TESTED FOR 200 LBS. IN TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 WIRE/ANCHOR ASSEMBLIES SHALL BE FIELD TESTED FOR 440 LBS. IN TENSION IN THE DIRECTION OF THE WIRE. PAF IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES.

14. CEILING FIXTURES, TERMINALS, AND DEVICES: ACOUSTICAL CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS/GRILLS, OR OTHER DEVICES (REFERRED TO ALL BY COMMON TERM FIXTURES HERE AFTER). ALL FIXTURES SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE.

ALL FIXTURES SHALL BE SUPPORTED DIRECTLY BY MAIN RUNNERS OR BY SUPPLEMENTAL FRAMING WHICH IS SUPPORTED BY MAIN RUNNERS AND POSITIVELY ATTACHED WITH SCREWS OR OTHER APPROVED CONNECTORS SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF MATERIAL WITH A MINIMUM OF 14 GAGE. ROTATIONAL SPRING CLAMPS DO NOT COMPLY. ALL FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING SYSTEM BY MECHANICAL MEANS, UNLESS INDEPENDENTLY

SUPPORTED. THE ATTACHMENT DEVICE SHALL HAVE THE CAPACITY OF 100% OF FIXTURE WEIGHT ACTING IN ANY DIRECTION. A MINIMUM OF TWO ATTACHMENT DEVICES ARE REQUIRED FOR EACH FIXTURE. SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO THE MAIN RUNNER WITH POSITIVE CLAMPING DEVICES MADE OF MATERIAL WITH A MINIMUM 14 GAGE. A NO.12 GAUGE SAFETY WIRES SHALL BE ATTACHED BETWEEN THE CLAMPING DEVICE AND TO THE STRUCTURE ABOVE. IN NO CASE SHALL THE FIXTURES EXCEED THE DESIGN CAPACITY OF THE SUPPORTING MEMBERS. ALL LIGHT FIXTURES WEIGHING LESS THAN OR EQUAL TO 10 LB. SHALL HAVE ONE NO. 12 GAUGE SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT.

ALL FIXTURES WEIGHING GREATER THAN 10 LBS. BUT LESS THAN OR EQUAL TO 56 LB. SHALL HAVE TWO NO. 12 GAUGE SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT. ALL FIXTURES WEIGHING GREATER THAN 56 LB. SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE BY APPROVED HANGERS PENDENT-HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING NO LESS THAN NO. 9-GAUGE WIRE OR AN APPROVED ALTERNATE SUPPORT. THE CEILING SUSPENSION SYSTEM SHALL NOT PROVIDE ANY DIRECT SUPPORT. ALL RECESSED OR DROP-IN FIXTURES SHALL BE SUPPORTED DIRECTLY FROM FIXTURE HOUSING TO THE STRUCTURE ABOVE WITH A MINIMUM OF TWO NO. 12 GAUGE WIRES LOCATED AT DIAGONALLY OPPOSITE CORNERS. LEVELLING OR POSITIONING OF FIXTURES MAY BE PROVIDED BY CEILING GRID. FIXTURE SUPPORT WIRES MAY BE SLIGHTLY LOOSE TO ALLOW THE FIXTURE TO SEAT IN THE GRID SYSTEM. FIXTURES SHALL NOT BE SUPPORTED FROM MAIN RUNNERS OR CROSS RUNNERS IF THE WEIGHT OF THE FIXTURES CAUSES TOTAL DEAD LOAD TO EXCEED THE DEFLECTION CAPABILITY OF THE CEILING SUSPENSION SYSTEM.

15. GYPSUM BOARD INSTALLATION SHALL COMPLY WITH ASTM C840-11: GYPSUM BOARD SHALL CONSIST OF SINGLE-PLY 5/8" THICK IN ACCORDANCE WITH ASTM C11-10a. GYPSUM BOARD SHALL BE ATTACHED TO WITH ASTM C1002-07 TYPE S (ASTM A568-11b GRADES 1018 TO 1022) SCREWS (NOT LESS THAN, NO. 6, WITH MAJOR DIAMETER NOT LESS THAN 0.136 IN) AT 12" ON CENTER MAXIMUM, IN ACCORDANCE WITH ASTM C840-11. ADDITIONAL REQUIREMENTS:

NOT ACCEPTABLE UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS AND APPROVED BY OSHPD.

METAL AND OTHER PANELS: METAL PANELS AND PANELS WEIGHING MORE THAN 1/2 PSF. OTHER THAN MINERAL FIBER ACOUSTICAL TILE, ARE TO BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION RUNNERS BUILDING EXIT WAYS: CEILINGS IN EXIT WAYS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 13.5.6.2.2(1) OF ASCE 7-10 AS AMENDED BY CBC SECTION 1616A.1.21. SPLICES OR INTERSECTION OF RUNNERS SHALL BE ATTACHED WITH THROUGH CONNECTORS SUCH AS POP RIVETS, SCREWS, PINS, PLATES WITH END TABS OR OTHER APPROVED CONNECTORS. CEILINGS THAT ARE PART OF A FIRE RATED ASSEMBLY: PROVIDE A DETAIL AND DESIGN NUMBER FOR RATED CEILING ASSEMBLIES FROM AN APPROVED TESTING AGENCY. THE COMPONENTS AND INSTALLATION DETAILS SHALL CONFORM IN EVERY RESPECT WITH THE LISTED DETAIL AND NUMBER. DETAILS SHALL CLEARLY DEPICT ALL COMPONENTS, INCLUDING INSULATION MATERIALS, FRAMING AND ATTACHMENT OF THE

DESIGN SO THAT THE ASSEMBLY CAN BE CONSTRUCTED AND INSPECTED ACCORDINGLY. POP RIVETS, SCREWS, OR OTHER ATTACHMENTS ARE

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**DESIGN PROFESSIONAL STAMP** 

**REVISION SCHEDULE** NO. REVISION NAME

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX **LOCKER ROOM** 

FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO: SHEET TITLE

5514.100L DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

SCALE: 1" = 1'-0"

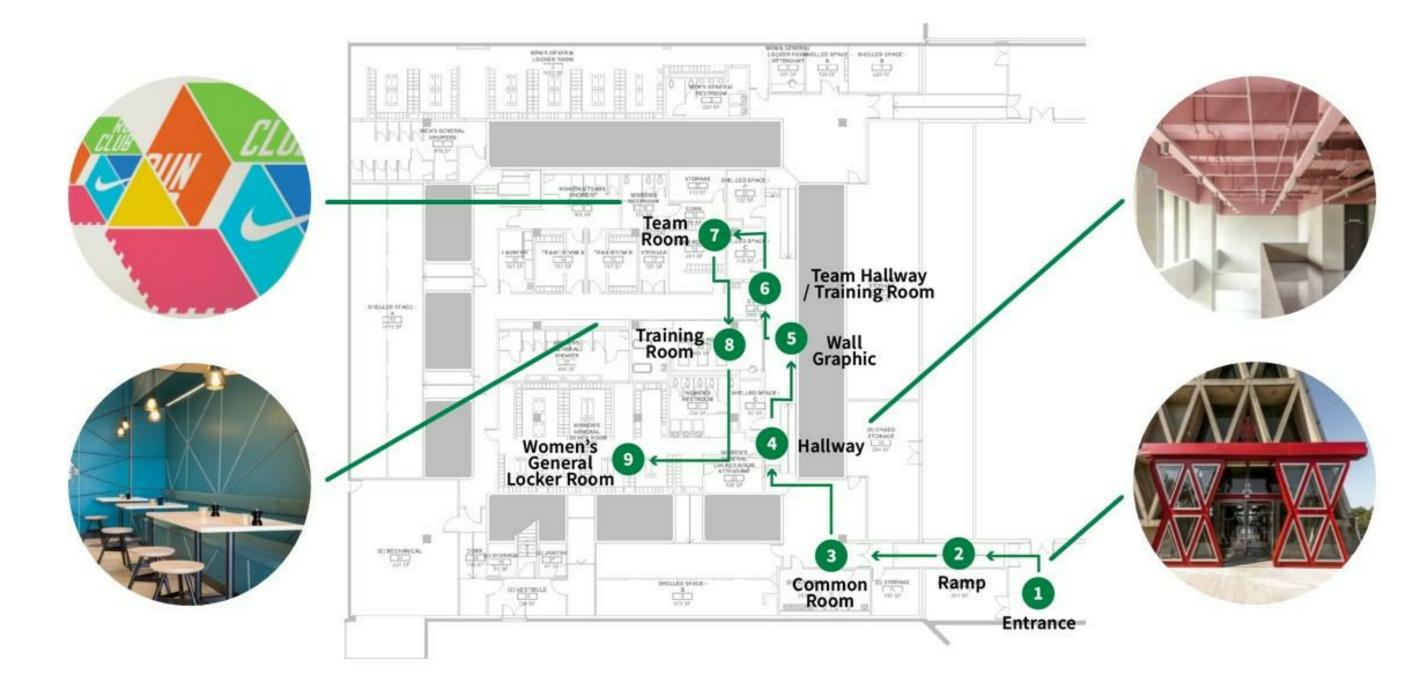
ARCHITECTURAL GENERAL

SHEET NUMBER

## VISUAL INSPIRATION



## KEY MOMENTS

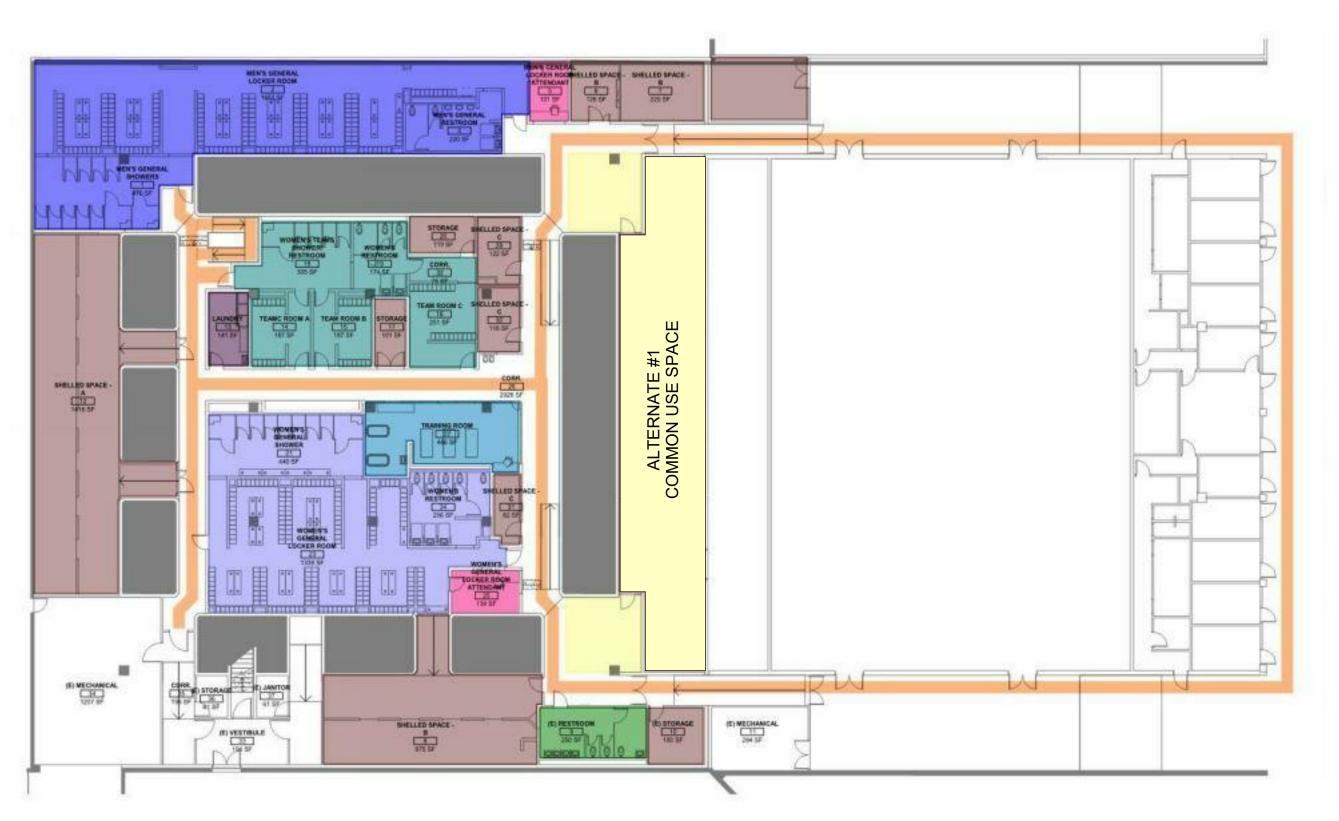








# MUST HAVES



THE INSPIRATION FOR THE MATERIAL PALETTE IS ROOTED ELEMENTS ON THE LANEY CAMPUS AS WELL AS THE COMMNUITIES ADJACENT TO CAMPUS. INCORPORATING THE BROADER CONTEXT IS IMPORTANT AS MANY STUDENTS AND FACILITY TRAVEL FROM NEAR AND FAR WHEN COMING TO CAMPUS.

THE LANEY CAMPUS IS BUILD ON THE BRUTALIST DESIGN PRINCIPLES - GEOMETRIC FORMS. THE PATTERN INTRODUCED IN THE PALETTE HIGHLIGHT THOSE GEOMETRIC FORMS TO ALIGN THE NEW DESIGN WITH THE HERITAGE OF THE CAMPUS. THE MONOLITHIC NATURE OF THE CURRENT CAMPUS IS A PERFECT BACKGROUND FOR A MORE CONTEMPORARY APPLICATION OF BOLD COLORS.

WITH THE VIRANT NATURAL SURROUNDINGS OF LAKE MERRIT AND THE OAKLAND HILLS, INFUSING NATURE INTO THE LOCKER ROOM

IS VITAL TO ENHANCE SUBTERRANEAN SPACE - MAKING IT FEEL LESS CAVERNOUS.

# **TAYLOR** design

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PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

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DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

**CONCEPT DESIGN** 

5514.100L

SCALE: 1 1/2" = 1'-0" **A-002** 

Open circulation, accessible to all

Central training room

Secure and light-filled

Accessible team rooms

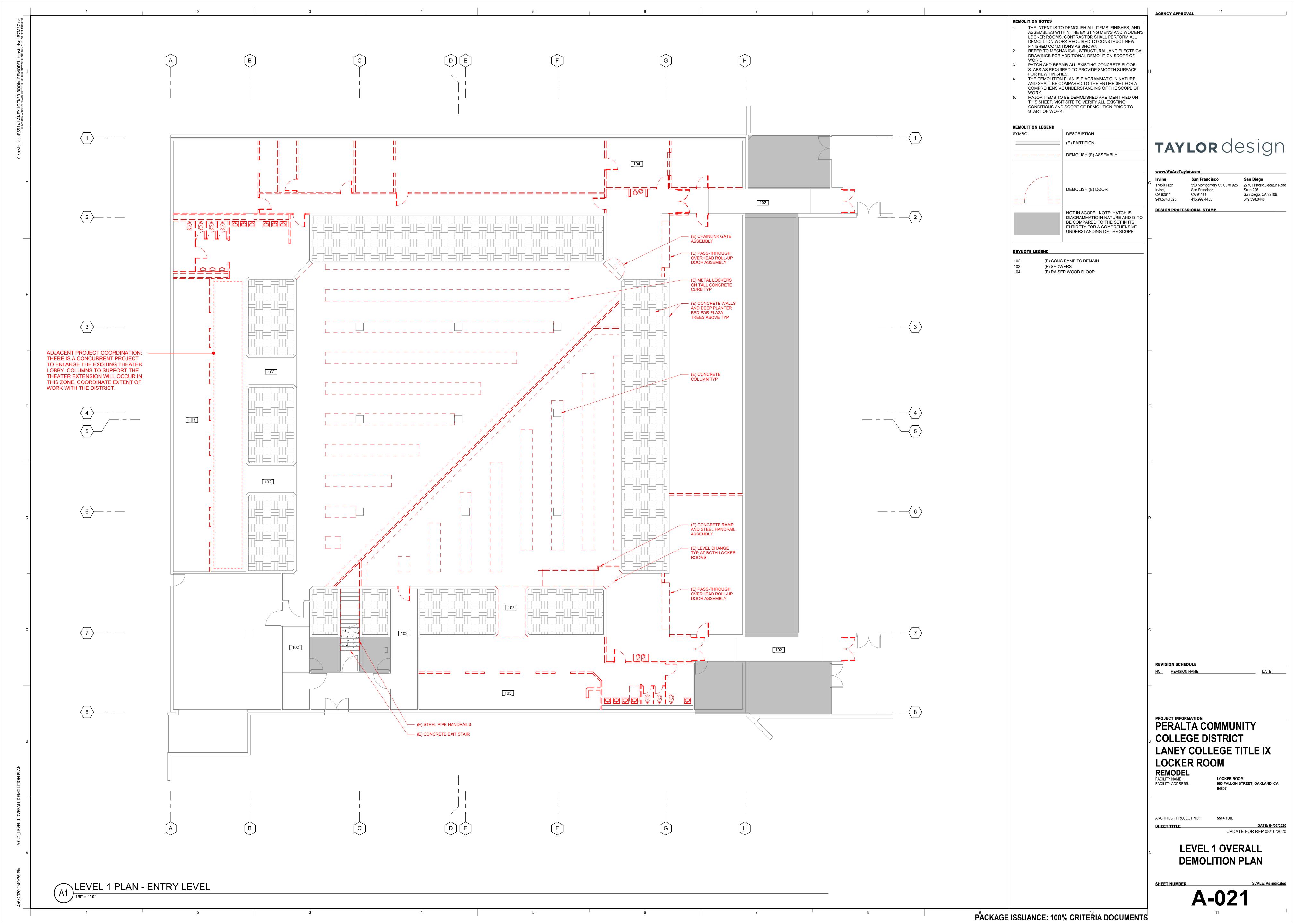
Improved sightlines

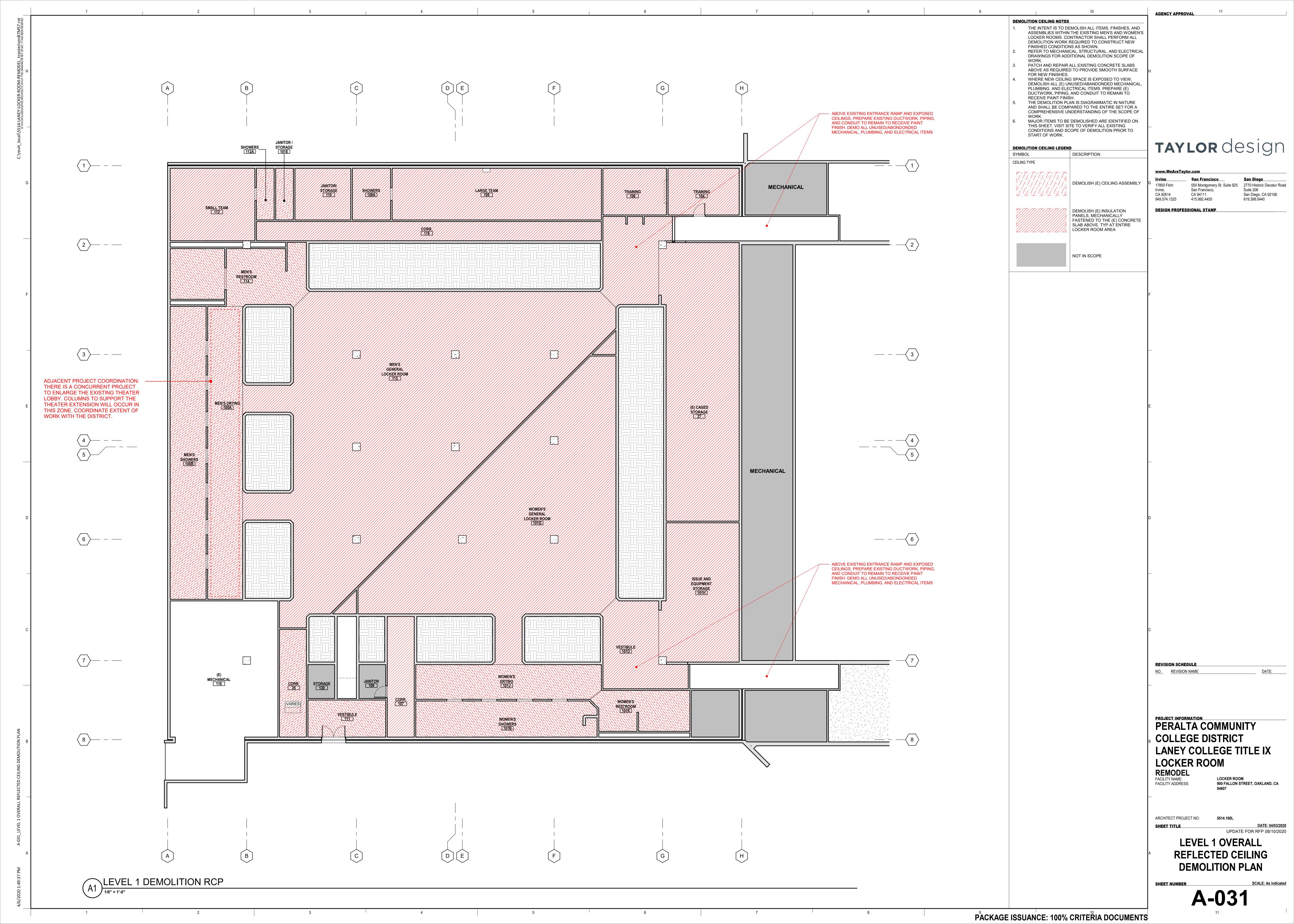
All-gender bathroom

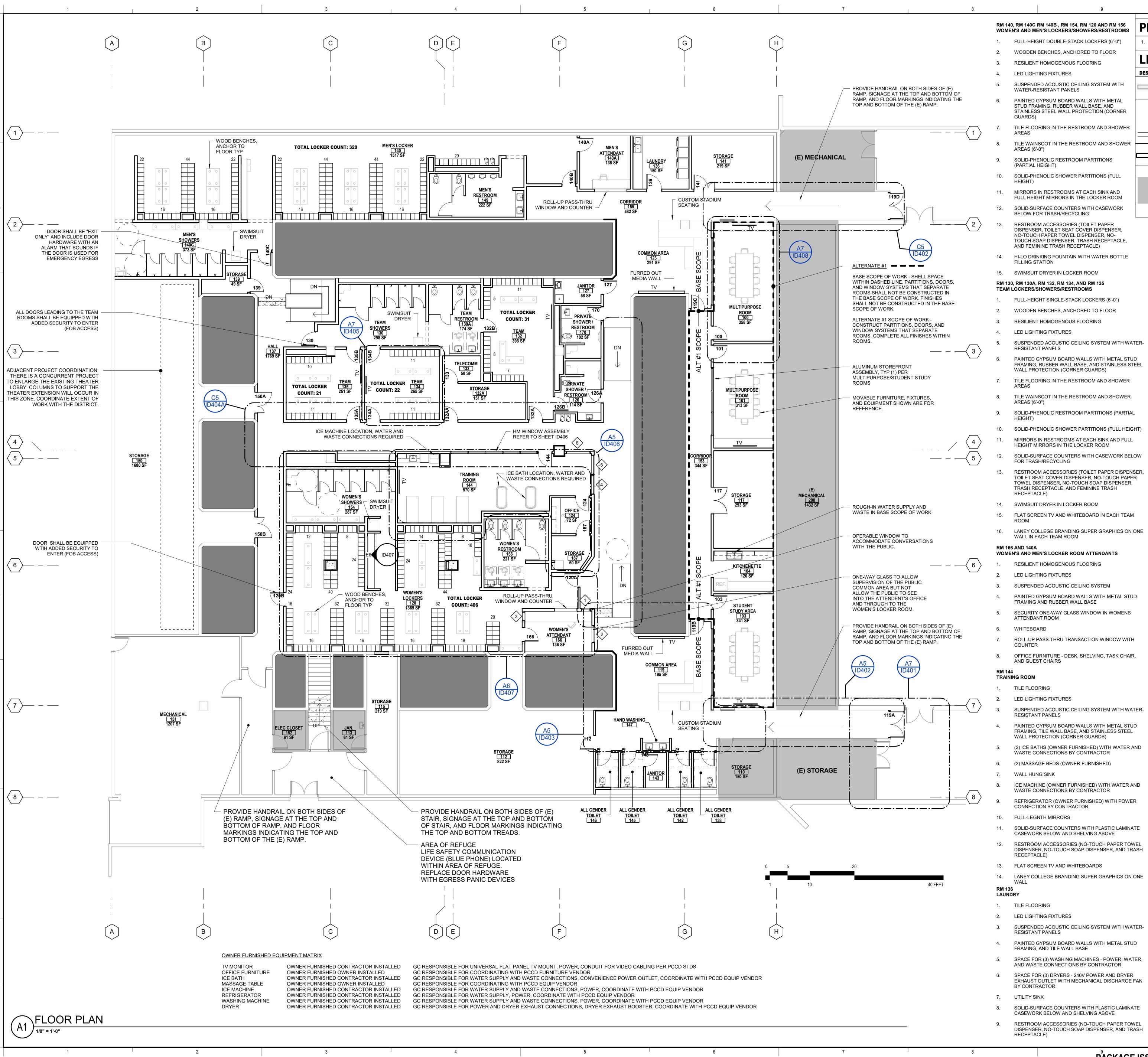
Enhanced storage

Dedicated laundry room

Right-sized men's day locker







**PLAN NOTES** 1. SEE **LEGEND DESIGNATION DESCRIPTION EXISTING WALL** DOOR AND FRAME NON-RATED WALL NOT IN SCOPE. NOTE: HATCH IS DIAGRAMMATIC IN NATURE AND IS TO BE COMPARED TO THE SET IN ITS ENTIRETY FOR A COMPREHENSIVE UNDERSTANDING OF THE SCOPE.

### **RM 170 AND RM 126** PRIVATE SHOWERS/RESTROOMS

WOODEN BENCHES, HUNG FROM WALL

TILE FLOORING 3. LED LIGHTING FIXTURES

SUSPENDED ACOUSTIC CEILING SYSTEM WITH

WATER-RESISTANT PANELS PAINTED GYPSUM BOARD WALLS WITH METAL

STUD FRAMING, AND TILE WALL BASE

TILE WAINSCOT IN THE RESTROOM AND SHOWER AREAS (6'-0")

SOLID-PHENOLIC RESTROOM PARTITIONS (PARTIAL HEIGHT)

SOLID-PHENOLIC SHOWER PARTITIONS (FULL

MIRRORS AT EACH SINK AND FULL HEIGHT MIRRORS IN THE CHANGING AREA

SOLID-SURFACE COUNTERS RESTROOM ACCESSORIES (TOILET PAPER

DISPENSER. TOILET SEAT COVER DISPENSER, NO-TOUCH PAPER TOWEL DISPENSER, NO-TOUCH SOAP DISPENSER, TRASH RECEPTACLE, AND FEMININE TRASH RECEPTACLE)

### RM 138, RM 142, RM 145, AND RM 146 ALL-GENDER RESTROOMS

TILE FLOORING

RM 100, RM 101 AND RM 103

MULTI-PURPOSE/STUDENT STUDY AREA

LED LIGHTING FIXTURES

SUSPENDED GYPSUM BOARD CEILING

PAINTED GYPSUM BOARD WALLS WITH METAL STUD FRAMING, AND TILE WALL BASE

TILE WAINSCOT (6'-0")

RESTROOM ACCESSORIES IN TOILET ROOMS

(TOILET PAPER DISPENSER, TOILET SEAT COVER

MIRRORS AT COMMON HANDWASHING SINKS

DISPENSER, TRASH RECEPTACLE, AND FEMININE TRASH RECEPTACLE)

RESTROOM ACCESSORIES AT COMMON HANDWASHING SINKS (NO-TOUCH PAPER TOWEL DISPENSER, NO-TOUCH SOAP DISPENSER, AND TRASH RECEPTACLE)

RESILIENT HOMOGENOUS FLOORING IN HALLWAYS

SUSPENDED ACOUSTIC CEILING SYSTEM

PAINTED GYPSUM BOARD WALLS WITH METAL STUD

SECURITY ONE-WAY GLASS WINDOW IN WOMENS

ROLL-UP PASS-THRU TRANSACTION WINDOW WITH

OFFICE FURNITURE - DESK, SHELVING, TASK CHAIR,

SUSPENDED ACOUSTIC CEILING SYSTEM WITH WATER-

PAINTED GYPSUM BOARD WALLS WITH METAL STUD FRAMING, TILE WALL BASE, AND STAINLESS STEEL

(2) ICE BATHS (OWNER FURNISHED) WITH WATER AND STORAGE AREAS

(2) MASSAGE BEDS (OWNER FURNISHED)

ICE MACHINE (OWNER FURNISHED) WITH WATER AND

REFRIGERATOR (OWNER FURNISHED) WITH POWER

SOLID-SURFACE COUNTERS WITH PLASTIC LAMINATE

RESTROOM ACCESSORIES (NO-TOUCH PAPER TOWEL DISPENSER, NO-TOUCH SOAP DISPENSER, AND TRASH

FRAMING, AND TILE WALL BASE

AND WASTE CONNECTIONS BY CONTRACTOR

EXHAUST OUTLET WITH MECHANICAL DISCHARGE FAN

CASEWORK BELOW AND SHELVING ABOVE

SOLID-SURFACE COUNTERS WITH PLASTIC LAMINATE RESTROOM ACCESSORIES (NO-TOUCH PAPER TOWEL

CARPET TILE IN ENCLOSED STUDY/CONFERENCE LED LIGHTING FIXTURES SUSPENDED ACOUSTIC CEILING SYSTEM IN ENCLOSED STUDY/CONFERENCE ROOMS PAINTED GYPSUM BOARD WALLS WITH METL STUD FRAMING, RUBBER WALL BASE, AND STAINLESS

STEEL WALL PROTECTION (CORNER GUARDS) ALUMINUM STOREFRONT WALLS AT HALLWAY

PLASTIC LAMINATE CREDENZA CASEWORK WITH SOLID SURFACE COUNTERTOP IN EACH ROOM FLAT SCREEN TV IN EACH ROOM

WHITE BOARDS IN EACH ROOM CUSTOM STADIUM SEATING IN OPEN COMMON

WALL IN CONNECTING HALLWAY RM, 110 RM 112, RM 115, RM 117, RM 132A, RM 150, AND

SPORTS CHARACTER SUPER GRAPHICS ON ONE

1. SUSPENDED LED LIGHTING FIXTURES EXPOSED CEILING

LEVEL 2 GYPSUM BOARD WALLS WITH METAL STUD FRAMING EXPOSED CONCRETE FLOOR

STEEL STORAGE AND SHELVING UNITS (OWNER

HIGH-DENSITY STEEL STORAGE RACKS (OWNER

RESILIENT HOMOGENOUS FLOORING WITH RUBBER BASE

SUSPENDED LED LIGHTING FIXTURES EXPOSED CEILING, PAINTED

STAINLESS STEEL WALL PROTECTION (CORNER BULLETIN BOARDS AND WHITEBOARDS

CUSTOM PLASTIC LAMINATE CASEWORK STORAGE WITH SOLID SURFACE COUNTERTOPS AND SHELVING

PAINTED GYPSUM BOARD WALLS WITH METAL

STUD FRAMING, RUBBER WALL BASE, AND

HI-LO DRINKING FOUNTAIN WITH WATER BOTTLE FILLING STATION GENERAL REQUIREMENTS

### WI-FI CONNECTION THROUGHOUT

SECURITY/CCTV THROUGHOUT PUBLIC SPACES, HALLWAYS, ENTRANCES, LOCKER ROOM ATTENDANT ROOMS, AND EXIT STAIRS CODE REQUIRED SIGNAGE AT ALL DOORS,

ROOMS, AND EXITS WAY-FINDING SIGNAGE IN THE PUBLIC HALLWAYS, ABOVE AND BEYOND CODE MINIMUMS

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REVISION SCHEDULE NO. REVISION NAME

**PERALTA COMMUNITY COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

DATE: 04/03/2020

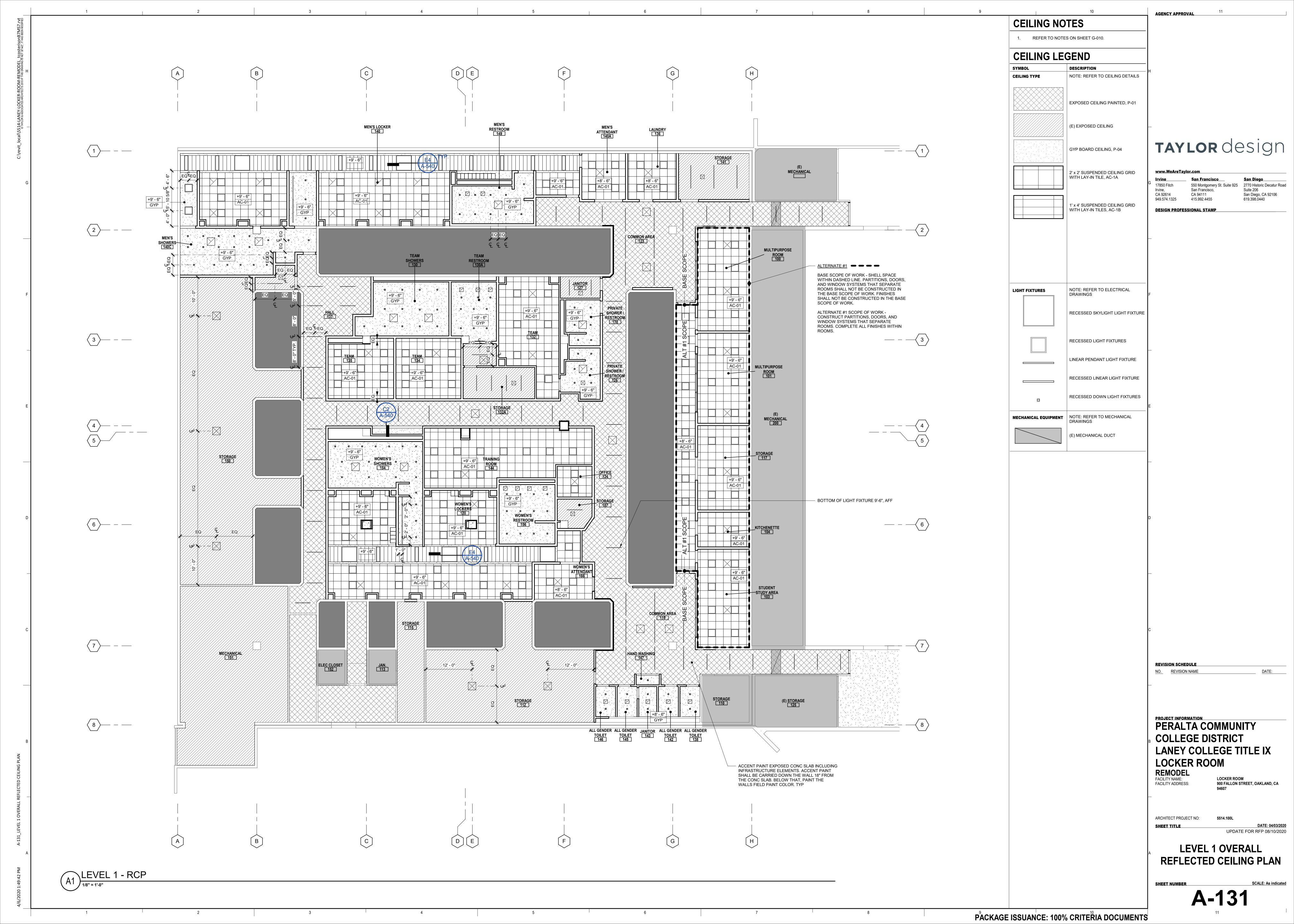
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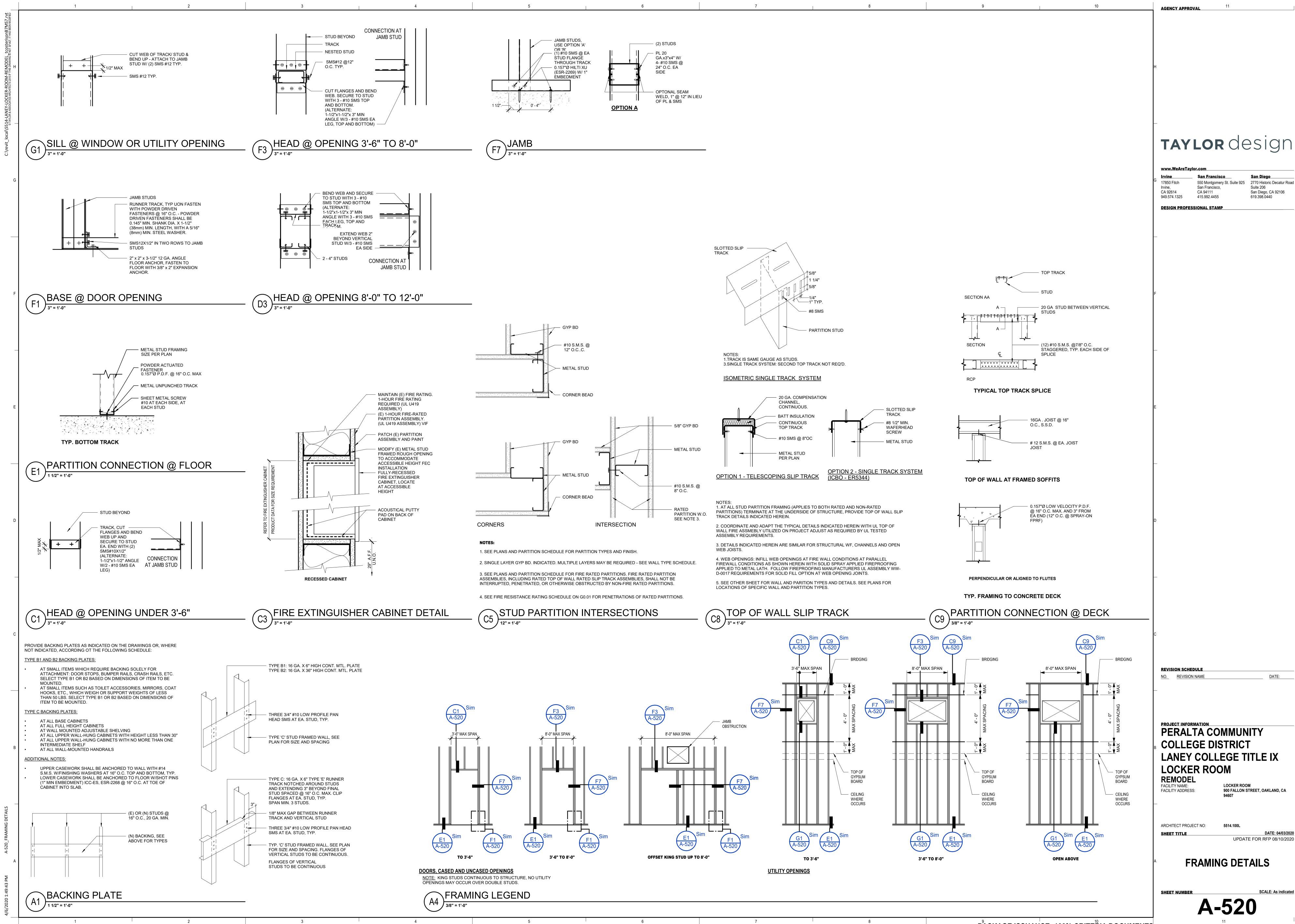
ARCHITECT PROJECT NO:

LEVEL 1 OVERALL FLOOR **PLAN** 

5514.100L

SCALE: As indicated





PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

LOCKER ROOM

5514.100L

900 FALLON STREET, OAKLAND, CA

DATE: 04/03/2020

SCALE: As indicated

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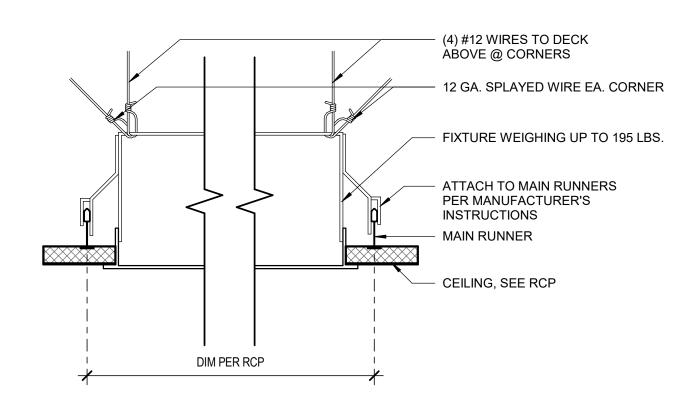
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Suite 206

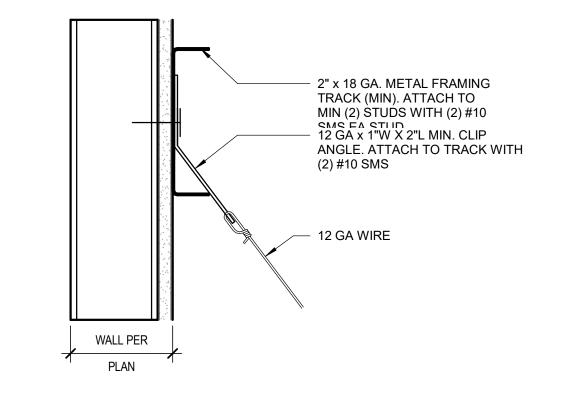
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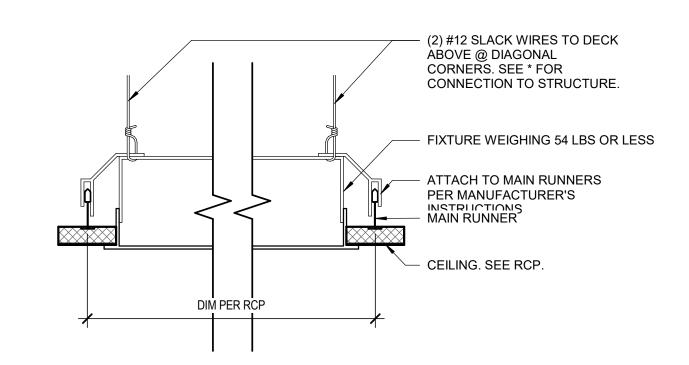
# SPRINKLER DROPS/HEAD @ SUSPENDED



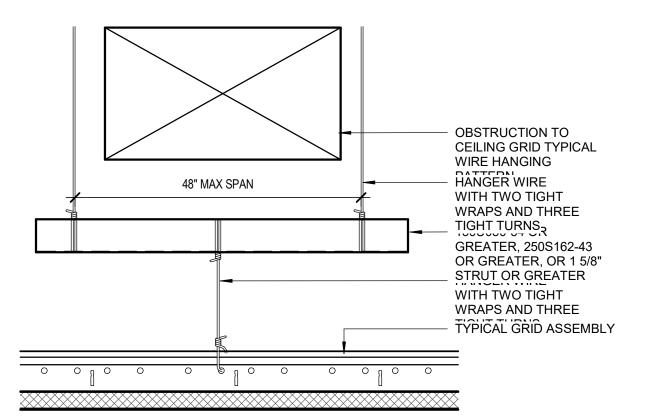
FIXTURE @ SUSPENDED CEILING - 195 LBS



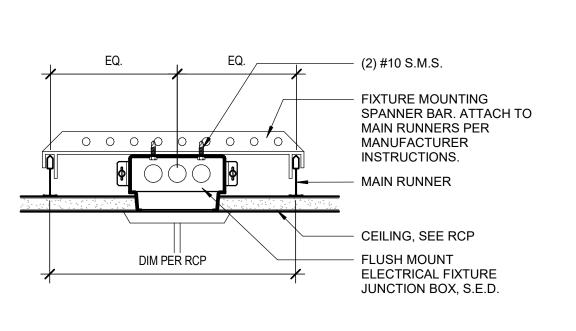
# SPLAYED WIRE ATTACHMENT - WALL C2)ATTACHMENT



FIXTURE @ SUSPENDED CEILING - 54 LBS OR



TRAPEZE AT HANGER WIRE OBSTRUCTION



FIXTURE @ SUSPENDED CEILING - SMALL DEVICE MOUNT

# THE FOLLOWING NOTES SHALL APPLY TO ACOUSTICAL CEILING GRID -- AND -- WHERE APPLICABLE DRYWALL SUSPENSION GRID

(a) Ceiling-Notes: The following notes will be acceptable in plans and specifications for ceiling systems whose total weight including air conditioning grilles and light fixtures does not exceed four (4) psf. Heavier systems and those supporting lateral loads from partitions will require

(1) 12 ga. (min.) hanger wires may be used for up to and including 4'-0" x 4'-0" grid spacing along main runners. Splices will not be permitted in any hanger wires unless specifically approved by SF DBI.

(2) Provide 12 ga. hanger wires at the ends of all main and cross runners within 8" from the support or within 1/4 of the length of the end tee, whichever is least, for the perimeter of the ceiling area. End connections for runners which are designed and detailed to resist the applied horizontal forces may be used in lieu of the 12 ga. hanger wires subject to SF DBI review and approval.

(3) Provide trapeze or other supplementary support members at obstructions to main hanger spacing. Provide additional hangers, struts or braces as required at all ceiling breaks, soffits or discontinuous areas. Hanger wires that are more than 1 in 6 out of plumb are to have counter-sloping wires.

(4) Ceiling grid members may be attached to not more than 2 adjacent walls. Ceiling grid members should be at least 3/4 inch free of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free and a minimum of 3/4 inch clear of wall.

(5) At the perimeter of the ceiling area where main or cross runners are not connected to the adjacent wall, provide interconnection between the runners at the free end to prevent lateral spreading. A metal strut or a 16 ga. positive mechanical connection to the runner may be used. Where the perpendicular distance from the wall to the first parallel runner is 12" or less, this interlock is not required.

(6) Provide bracing assemblies consisting of a compression strut and four (4) 12 ga. splayed bracing wires oriented 90 degrees from each other at the following spacing:

(A) For hospital buildings, place bracing assemblies not more than 8 feet by 12 feet on

(B) Provide bracing assemblies at locations not more than 1/2 the spacings given in (A) above from each perimeter wall and at the edge of vertical ceiling offsets for hospital

The slope of these wires should not exceed 45 degrees from the plane of the ceiling and should be taut without causing the ceiling to lift. Splices in bracing wires are not to be permitted without special SF DBI approval.

(7) Fasten hanger wires with not less than 3 tight turns. Fasten bracing wires, with 4 tight turns. Make all tight turns within a distance of 1-1/2 inches. Hanger or bracing wire anchors to the structure should be installed in such a manner that the direction of the wire aligns as closely as possible with the direction of the forces acting on the wire.

### (8) Separate all ceiling hanging and bracing wires at least 6 inches from all unbraced ducts, pipes, conduit, etc. It is acceptable to attach lightweight items, such as single electrical conduit

not exceeding 3/4" nominal diameter, to hanger wires using connectors acceptable to SF DBI. (9) When drilled-in concrete anchors or shot-in anchors are used in reinforced concrete for hanger wires, 1 out of 10 must be field tested for 200 pounds of tension. When drilled-in concrete anchors are used for bracing wires, 1 out of 2 must be field tested for 440 pounds in tension. Shot-in anchors In concrete are not permitted for bracing wires. If any shot-in or

drilled-in anchor fails, see CBC, Section 1923A.3.5.

fasteners are required.

(10) Attach all light fixtures and ceiling mounted air terminals or services, to the ceiling grid runners to resist a horizontal force equal to the weight of the fixture. Screws or approved

(11) Flush or recessed light fixtures and air terminals or services weighing less than 56 pounds may be supported directly on the runners of a heavy duty grid system but, in addition, they must have a minimum of (2) 12 GA. slack safety wires attached to the fixture at diagonal corners and anchored to the structure above. All 4 ft. x 4 ft. light fixtures must have slack safety wires at each corner.

All flush or recessed light fixtures and air terminals or services weighing 56 pounds or more must be independently supported by not less than (4) taut 12 GA. wires each attached to the fixture and to the structure above regardless of the type of ceiling grid system used.

The (4) taut 12 GA. wires including their attachment to the structure above must be capable of (12) All fixtures and air terminals or services supported on intermediate duty grid systems

(13) Support surface mounted light fixtures by at least two positive devices which surround the ceiling runner and which are each supported from the structure above by a 12 GA. wire. Spring clips or clamps that connect only to the runner are not acceptable.

wires or cables passing through each pendant hanger and capable of supporting 4 times the weight of the fixture. (See also Note 10, paragraph (a). Special details are necessary for this condition at the ceiling grid.

### Classification of ceiling grid

fixture or terminal and to the structure above.

(a) Classification of ceiling grid is heavy duty. (b) Reuse of existing ceiling hanger wires and splay wires not permitted

Provide additional supports when light fixtures are 8 feet or longer.

### DRYWALL CEILING SUSPENSION - CONVENTIONAL CONSTRUCTION - ONE LAYER

Gypsum board suspended ceiling systems shall be designed and constructed in accordance with the provisions of Part 2, Title 24, CCR.

Materials shall comply with applicable CBC standards.

Gypsum board is one layer of 5/8" thickness. NOTE: Drilled-in or shot-in anchors require special SF DBI approval when used in prestressed For lateral load refer to CBC, Section 1614A.1.12. The weight of the suspended ceiling shall not

be less than four (4) pounds per square foot for design purposes. 4. Details of construction

Gypsum board ceilings shall not support materials or building components other than grilles, light fixtures, small electrical conduits, small ducts and the like. All such components shall be supported either directly from main runners, or by supplemental framing which is supported by main runners. No vertical loads other than gypsum board dead load shall be applied to cross-furring.

(b) Vertical Support System (1) Install per manufacturer's recommended details for use in seismic zones and per the standard ceiling details on A-530 and A-531. Where conflict exists, the more stringent shall apply.

(2) Main runners shall be 1-1/2 channels, 1.12 lb/ft. minimum hot-rolled.

(3) Hangers shall be saddle-tied around main runners to develop the full strength of the hangers. (4) Main runners shall be spliced by lapping and interlocking flanges 12" minimum and tying near must be independently supported by not less than (4) taut 12 GA. wires each attached to the each and with double loops of #16 GA wire.

> (a) All recessed or drop-in light fixtures, as well as ceiling mounted mechanical air terminals and services, shall be directly by main runners or by supplemental framing which is supported by main runners and positively attached with screws or other approved connectors.

LEDGER ANGLE FASTENING SCHEDULE

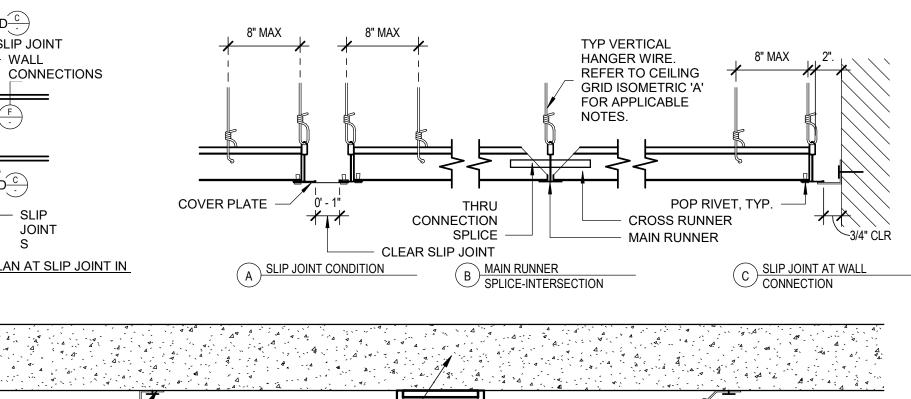
5. Light Fixture Support

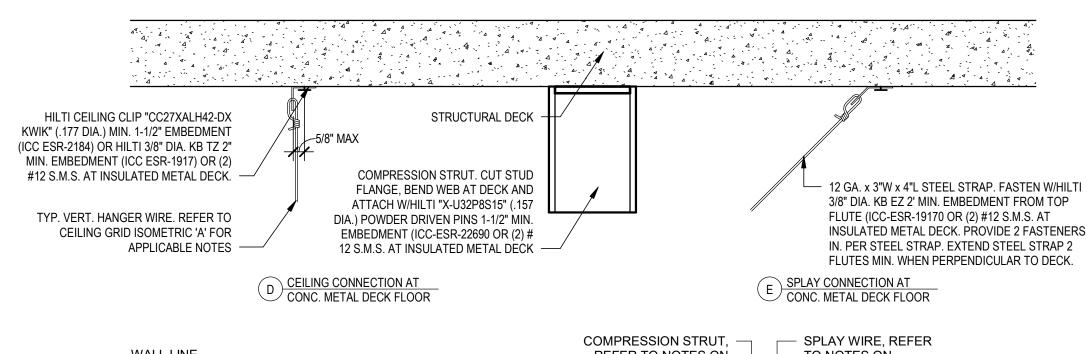
1) #10 S.M.S. AT EACH VERTICAL STUD

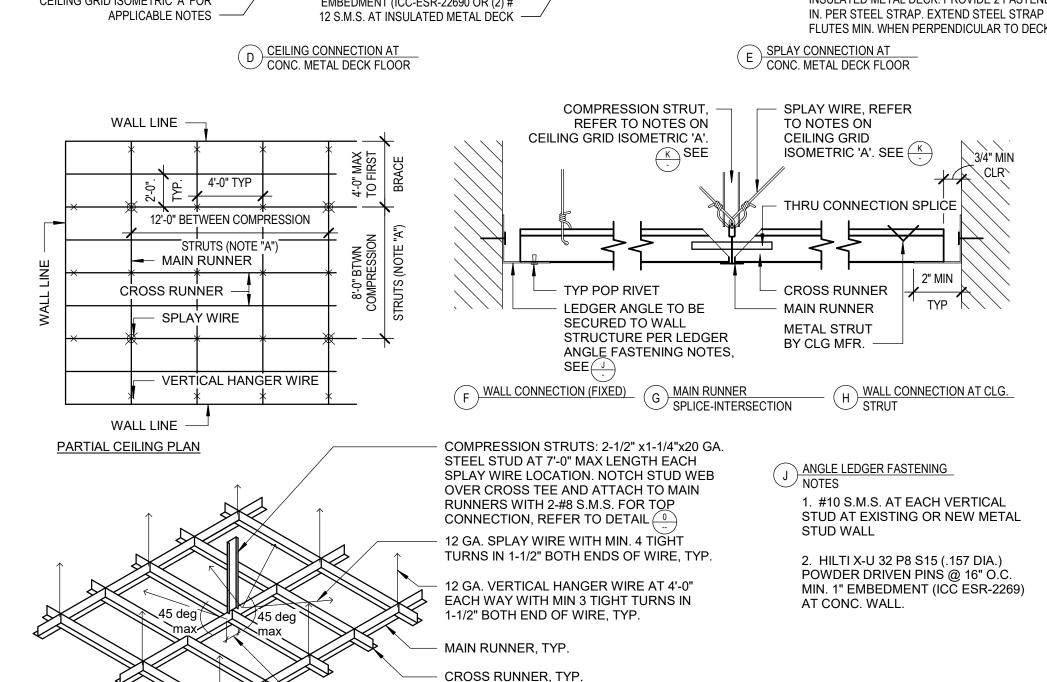
(15) Acoustical lay in tile - surface burning characteristics - Class A

(b) Provide backing as necessary for surface mounted fixtures.

2) HILTI X-U 32 P8 S15 (.157 DIA.) POWDER DRIVEN PINS @ 16" O.C. MIN. 1" EMBEDMENT (ICC ESR-2269) AT CONC. WALL.







2" MAX FROM SPLAY WIRES TO CROSS RUNNERS NOTE: ACOUSTIC CEILING TILES NOT SHOWN FOR CLARITY. K CEILING GRID ISOMETRIC "A" SUSPENDED CEILING GRID SYSTEMS

NO. REVISION NAME

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PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

**REVISION SCHEDULE** 

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

DATE: 04/03/2020

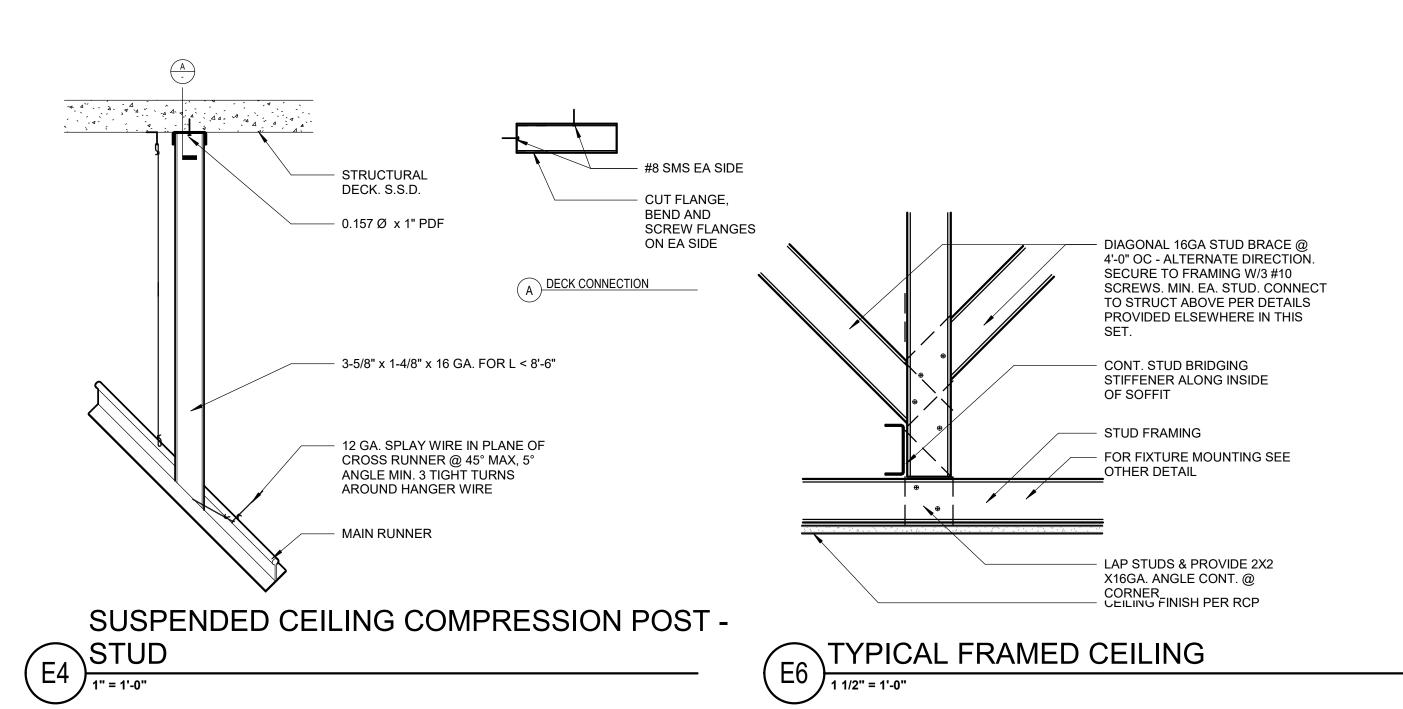
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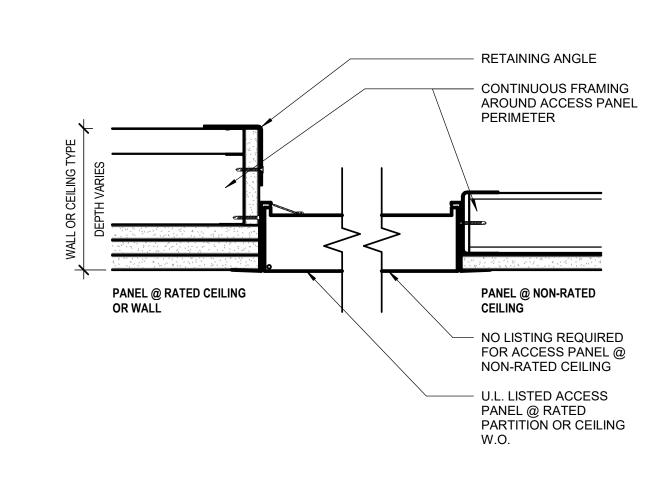
ARCHITECT PROJECT NO: SHEET TITLE

TYPICAL CEILING DETAILS

5514.100L

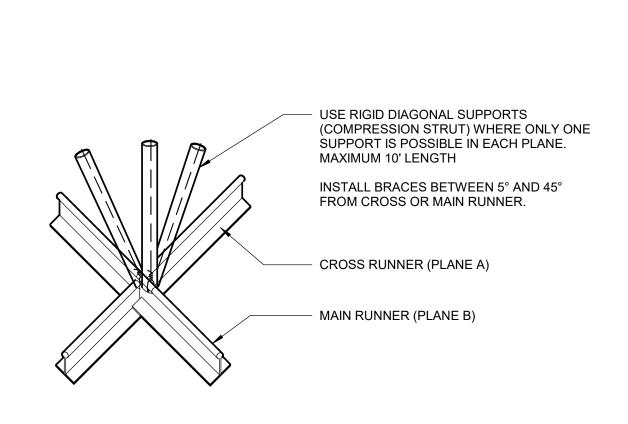
SPLAY BRACE ATTACHMENT - WIRE

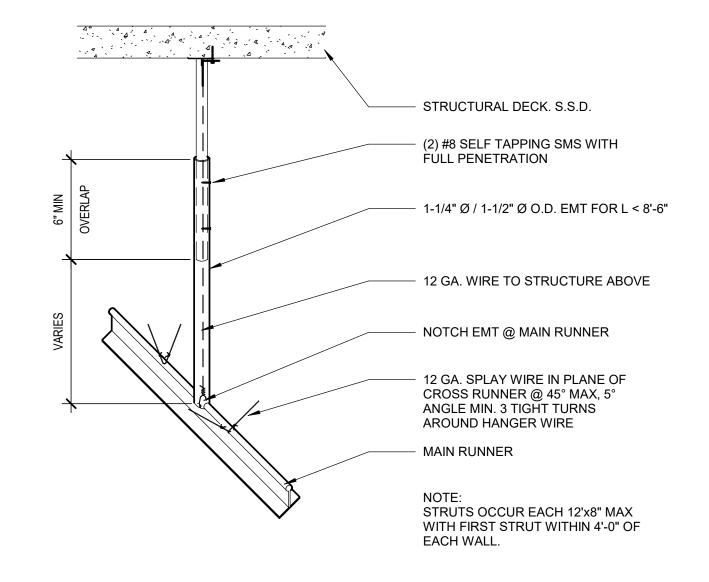


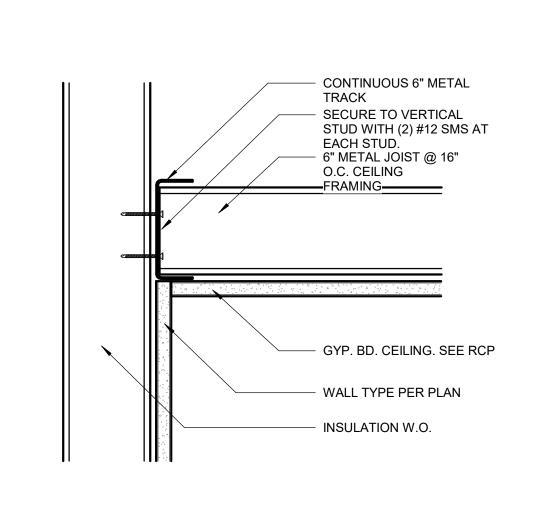


ACCESS PANEL IN CEILING OR WALL

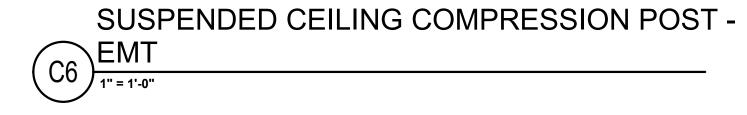
3" = 1'-0"



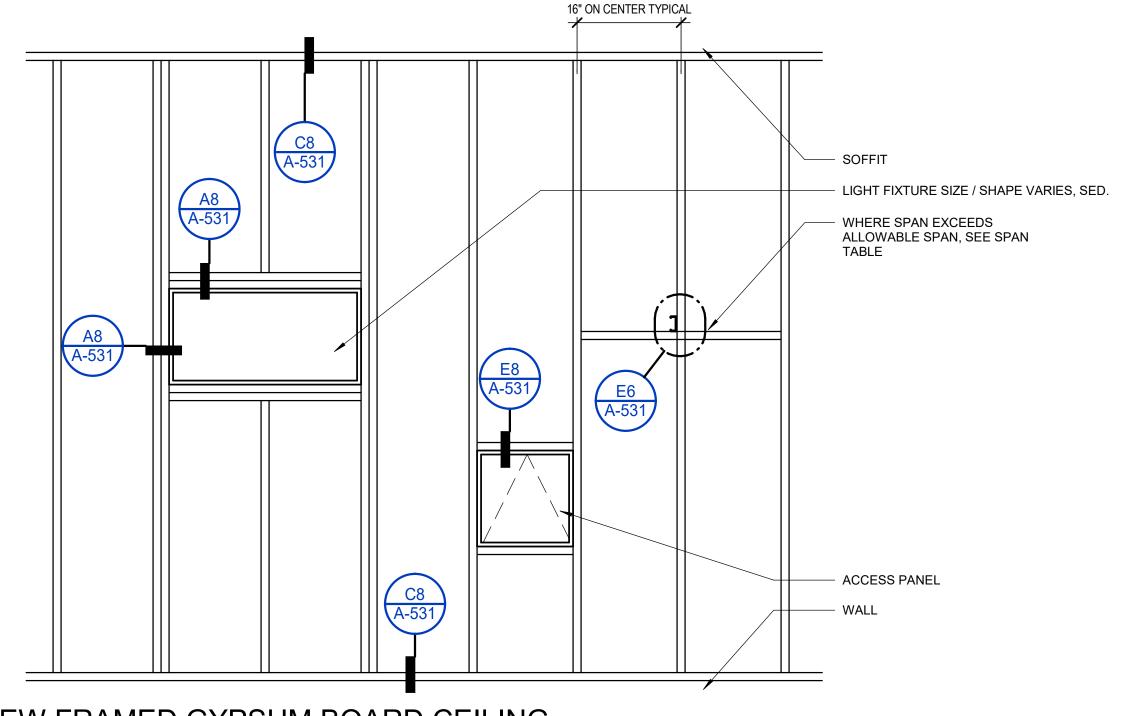




SPLAY BRACE ATTACHMENT

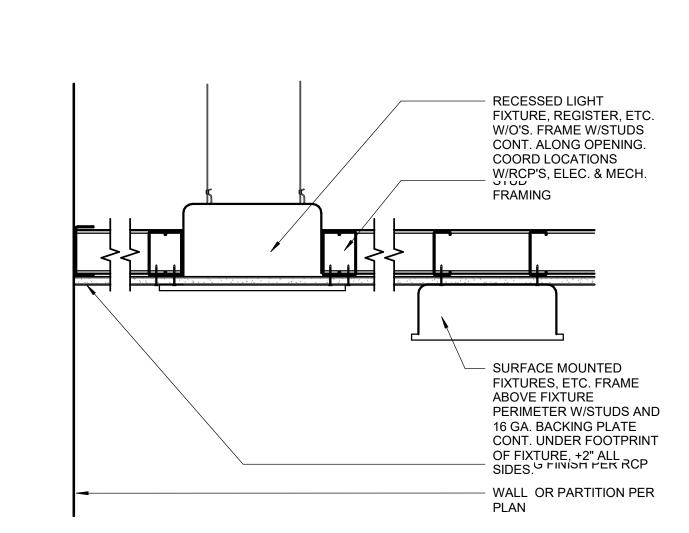






PLAN VIEW FRAMED GYPSUM BOARD CEILING FRAMING

1/2" = 1'-0"



TYPICAL FIXTURES IN FRAMED CEILING

1 1/2" = 1'-0"

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AGENCY APPROVAL

**REVISION SCHEDULE** NO. REVISION NAME
Revision 1

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

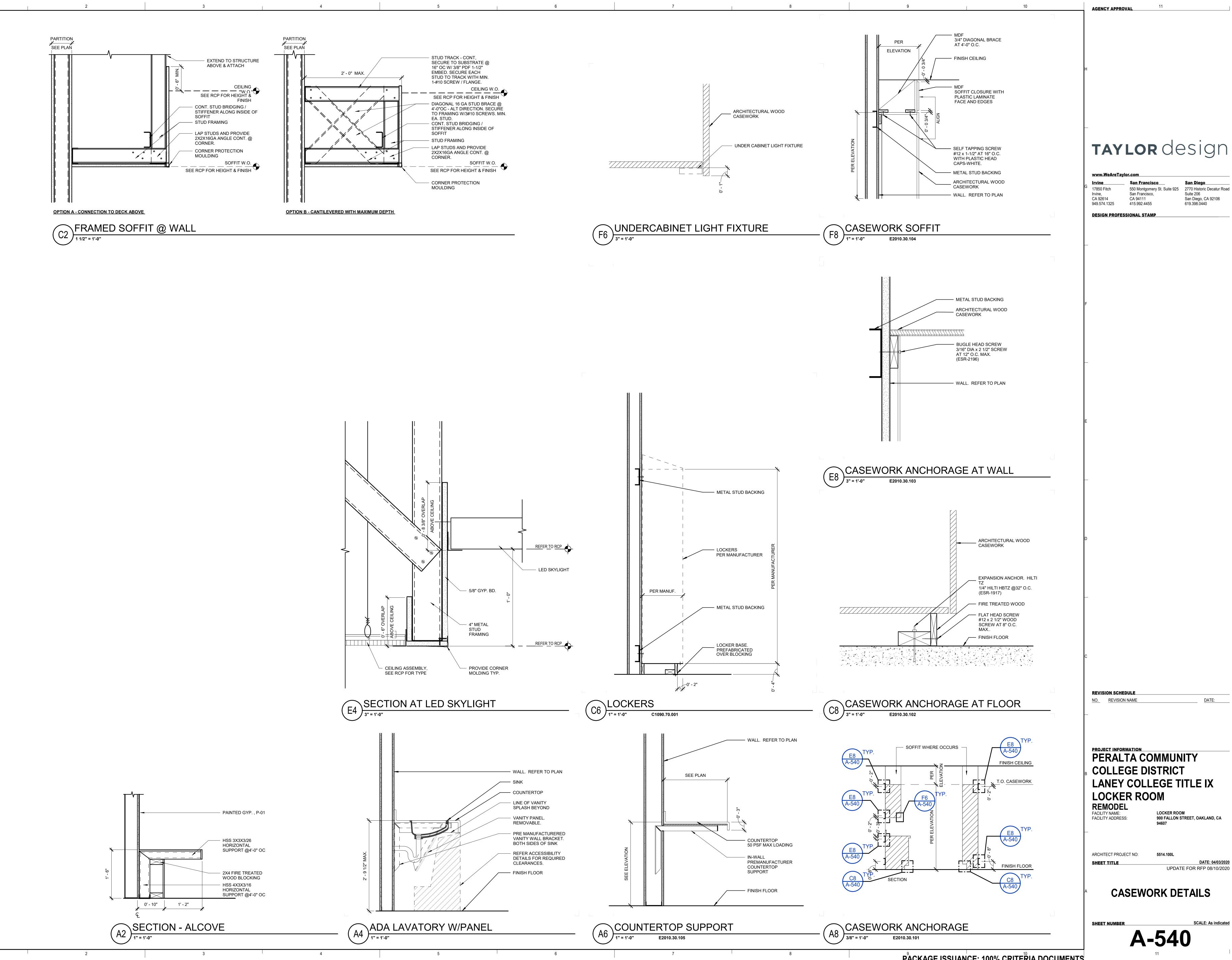
DATE: 04/03/2020

ARCHITECT PROJECT NO: 5514.100L SHEET TITLE

UPDATE FOR RFP 08/10/2020

TYPICAL CEILING DETAILS

SCALE: As indicated A-531



PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

**CASEWORK DETAILS** 

LOCKER ROOM

5514.100L

900 FALLON STREET, OAKLAND, CA

DATE: 04/03/2020

UPDATE FOR RFP 08/10/2020

San Francisco

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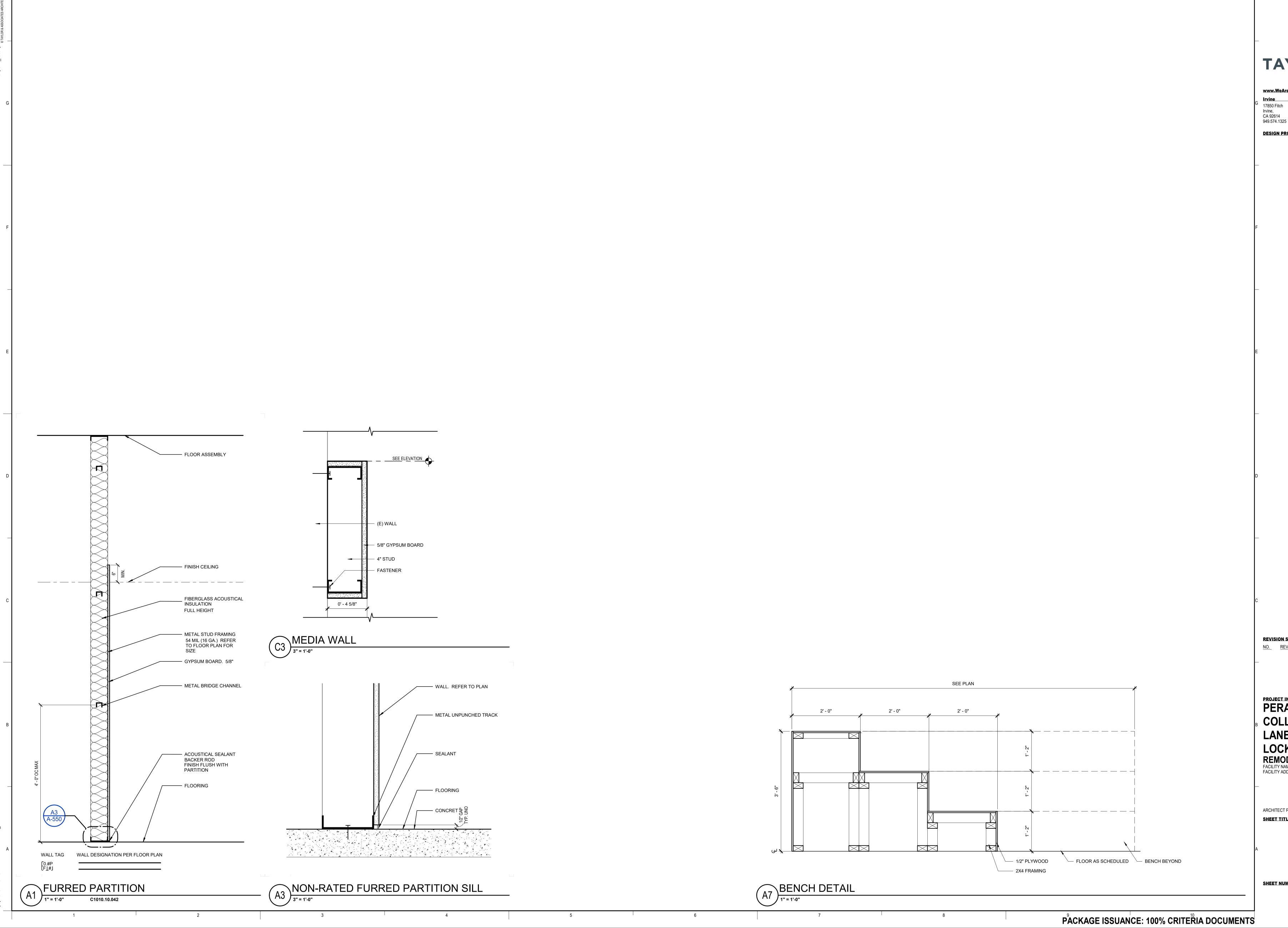
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**A-540** 



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DESIGN PROFESSIONAL STAME

REVISION SCHEDULE

NO. REVISION NAME DATE:

PROJECT INFORMATION
PERALTA COMMUNITY
COLLEGE DISTRICT
LANEY COLLEGE TITLE IX
LOCKER ROOM

REMODEL
FACILITY NAME:
FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO: 5514
SHEET TITLE

O: **5514.100L DATE: 04/03/2020**UPDATE FOR RFP 08/10/2020

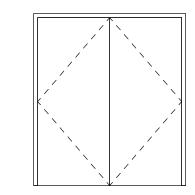
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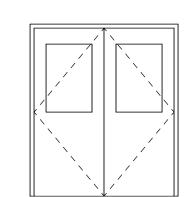
**INTERIOR DETAILS** 

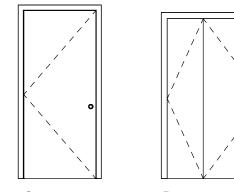
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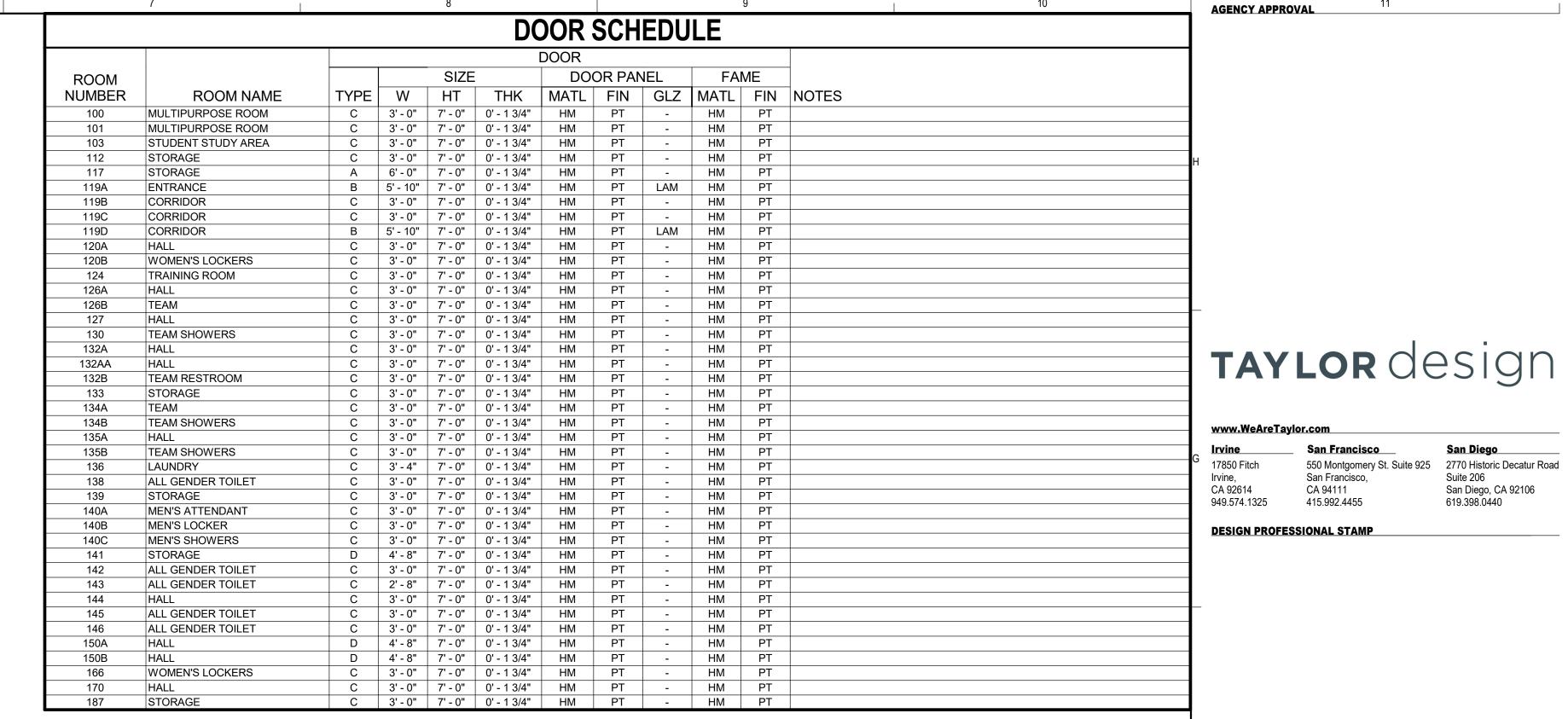
**A-550** 

**DOOR TYPES** 









	WINDOW SCHEDULE									
MARK		SIZ	ZE	TYPE	FINISH	MATERIAL	GLAZING			
	ROOM NAME	WIDTH	HEIGHT	1111	1 1141011	WITTER	OLAZINO	COMMENTS	ı	
1	HALL	2' - 0"	4' - 0"	В	PT	HM	LAM	OPERABLE WINDOW	ı	
2	WOMEN'S ATTENDANT	3' - 10"	4' - 0"	Α	PT	HM	LAM	ONE WAY GLASS	1	
3	WOMEN'S ATTENDANT	2' - 0"	4' - 0"	Α	PT	HM	LAM	ONE WAY GLASS	1	
4	TRAINING ROOM	4' - 4"	4' - 0"	Α	PT	HM	LAM		1	
5	TRAINING ROOM	4' - 4"	4' - 0"	Α	PT	HM	LAM		1	
6	TRAINING ROOM	5' - 5"	4' - 0"	Α	PT	НМ	LAM		1	

NOTE: LARGE HM WINDOW SYSTEM IN TRAINING ROOM AND ALUMINUM STOREFRONT ASSEMBLIES IN MULTIPURPOSE/STUDENT STUDY ROOMS NOT SHOWN IN SCHEDULE



DATE: NO. REVISION NAME

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CA 94111 415.992.4455

550 Montgomery St. Suite 925 2770 Historic Decatur Road San Francisco, Suite 206

San Diego, CA 92106 619.398.0440

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

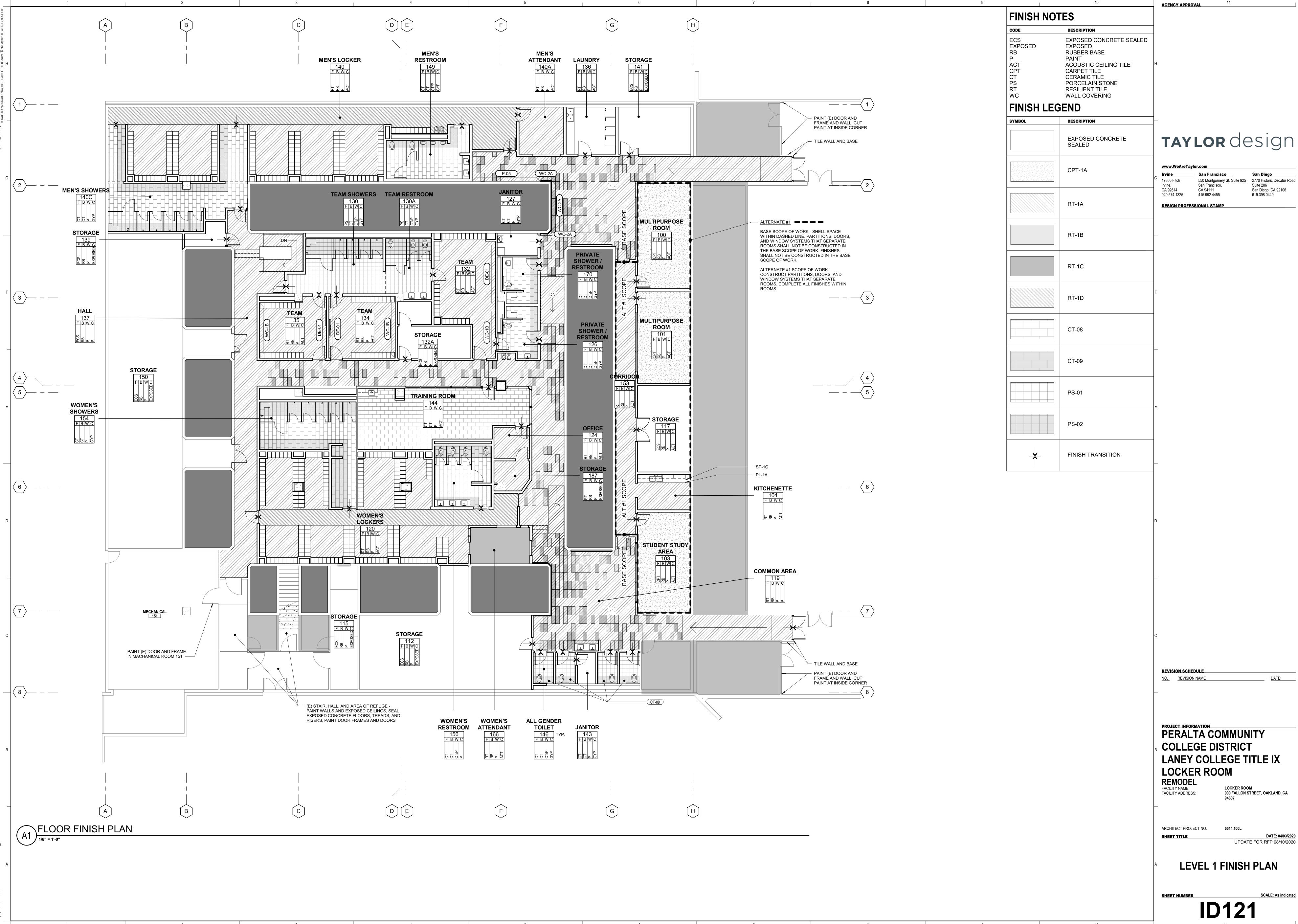
UPDATE FOR RFP 08/10/2020

ARCHITECT PROJECT NO:

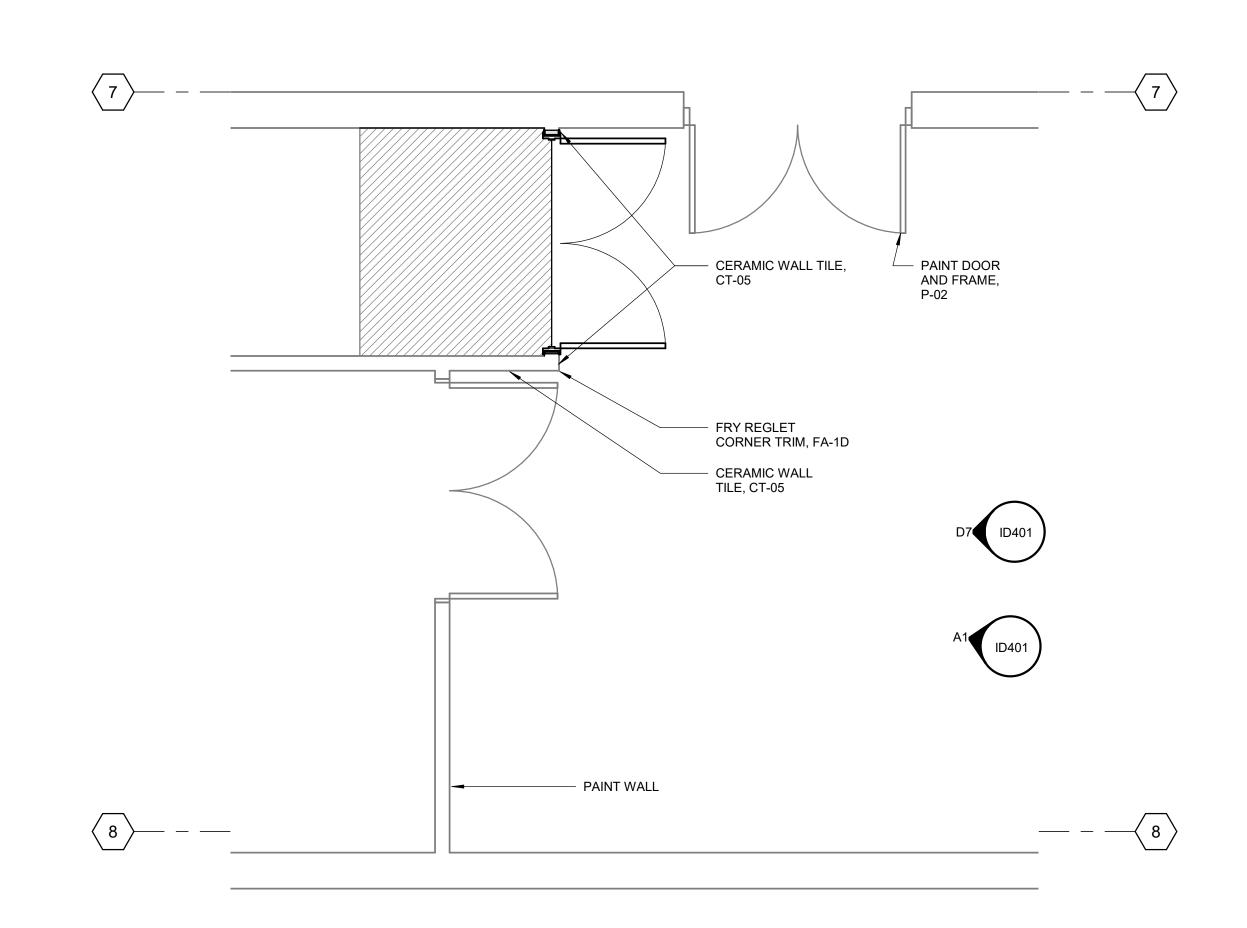
**DOOR AND WINDOW** SCHEDULE

SCALE: 1/4" = 1'-0"

*	WT	*	*WT
TH _		Ħ	
^		14	В



D7 ELEVATION - ENTRANCE - WEST



A7 LEVEL 1 - ENTRANCE

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rvine	San Francisco	San Diego						
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DESIGN PROFESSIONAL STAMP

REVISION SCHEDULE

NO. REVISION NAME DATE:

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B COLLEGE DISTRICT

LANEY COLLEGE TITLE IX

LOCKER ROOM

REMODEL

REMODEL
FACILITY NAME:
FACILITY ADDRESS:
LOCKER ROOM
900 FALLON STREET, OAKLAND, CA
94607

ARCHITECT PROJECT NO: 5514.100L

LEVEL 4 ENTRANO

DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

LEVEL 1 - ENTRANCE



A1 ENTRANCE

1 1/2" = 1'-0"

SURFACE MOUNTED LIGHT FIXTURE, -LIGHT FIXTURE TO MATCH TILE COLOR

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REVISION SCHEDULE

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LOCKER ROOM

REMODEL

FACILITY NAME:
FACILITY ADDRESS:

TY NAME: LOCKER ROOM
TY ADDRESS: 900 FALLON STREET, OAKLAND, CA
94607

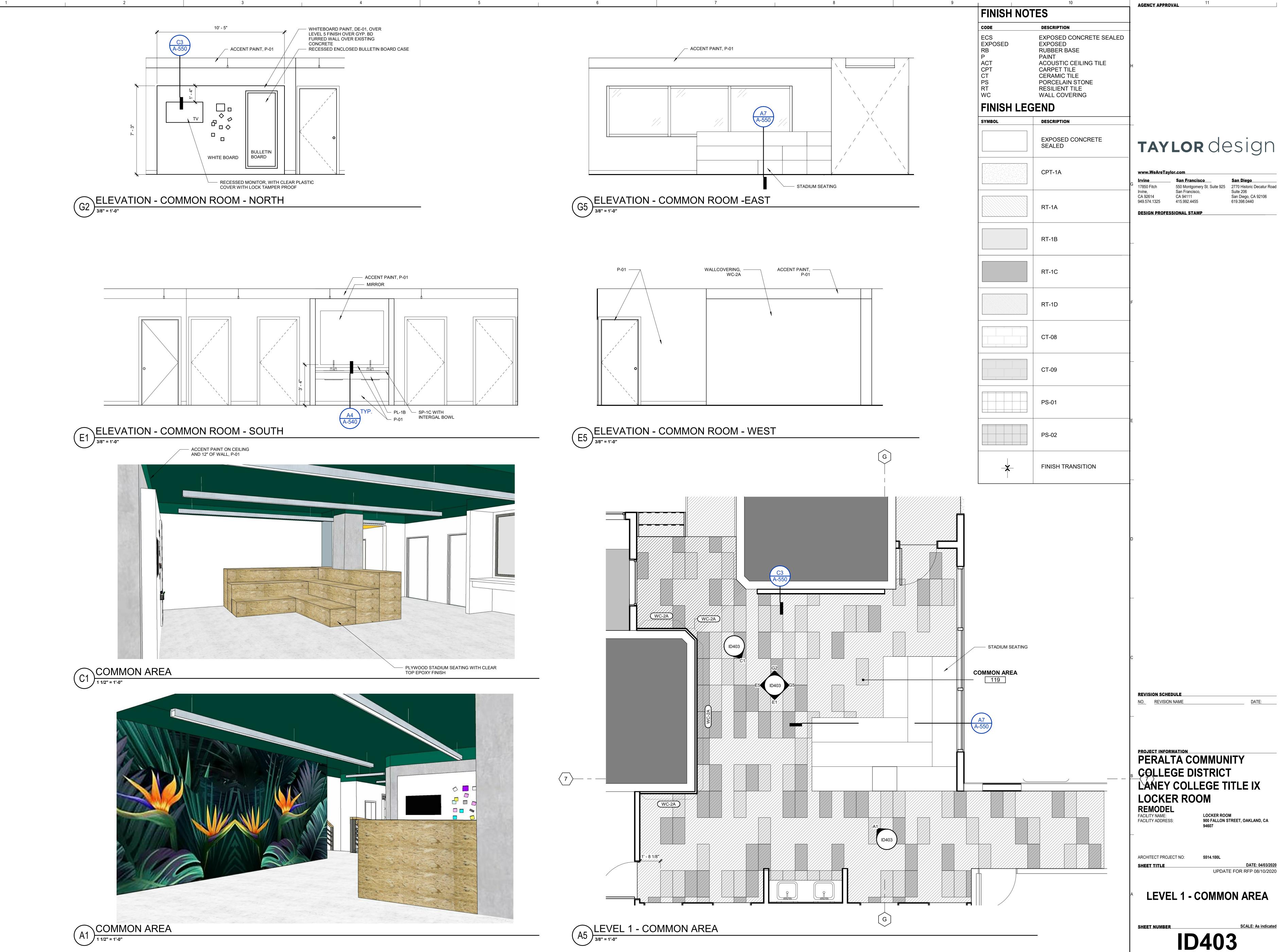
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SHEET TITLE

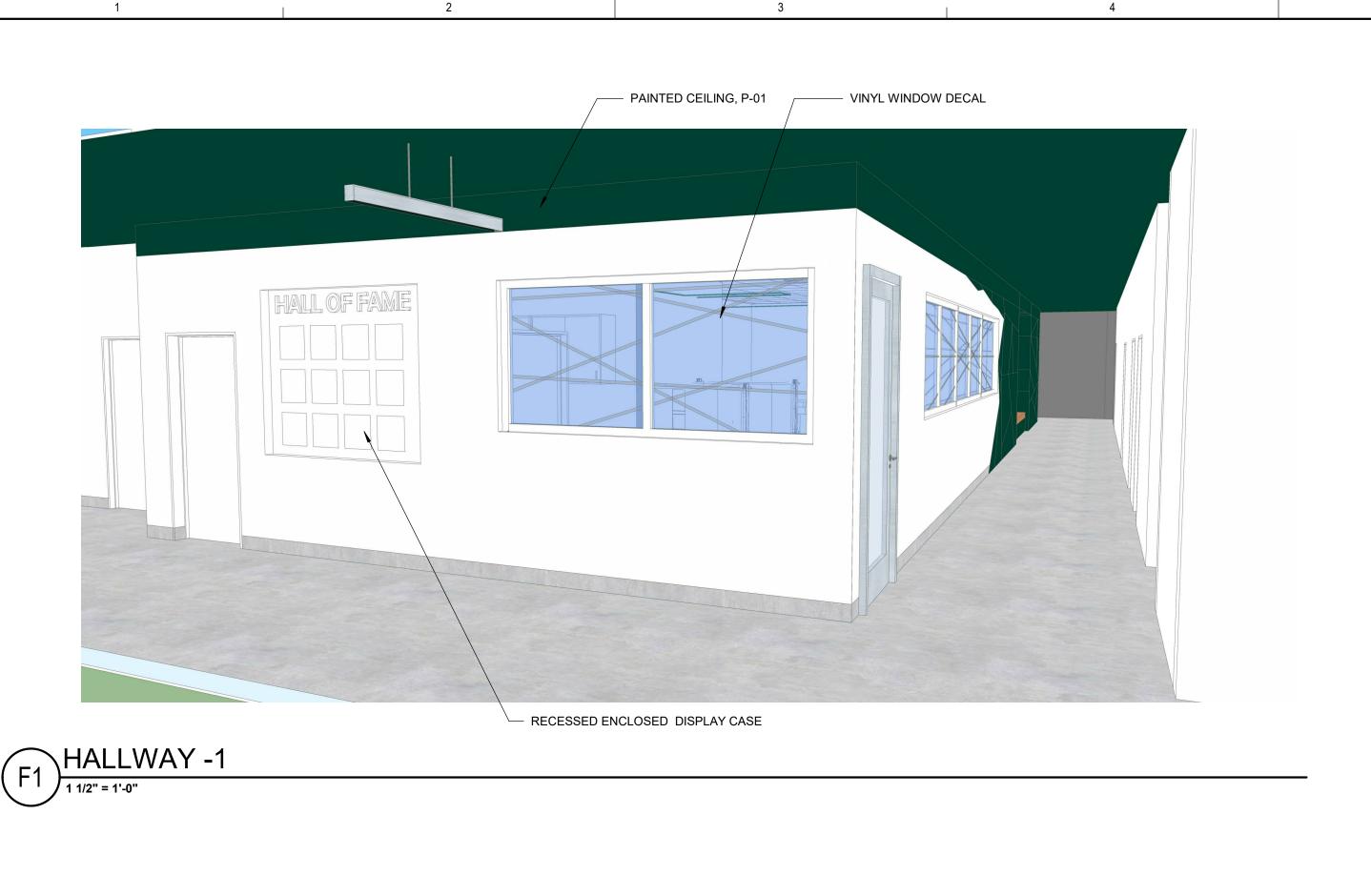
NO: **5514.100L**DATE: 04/03/2020

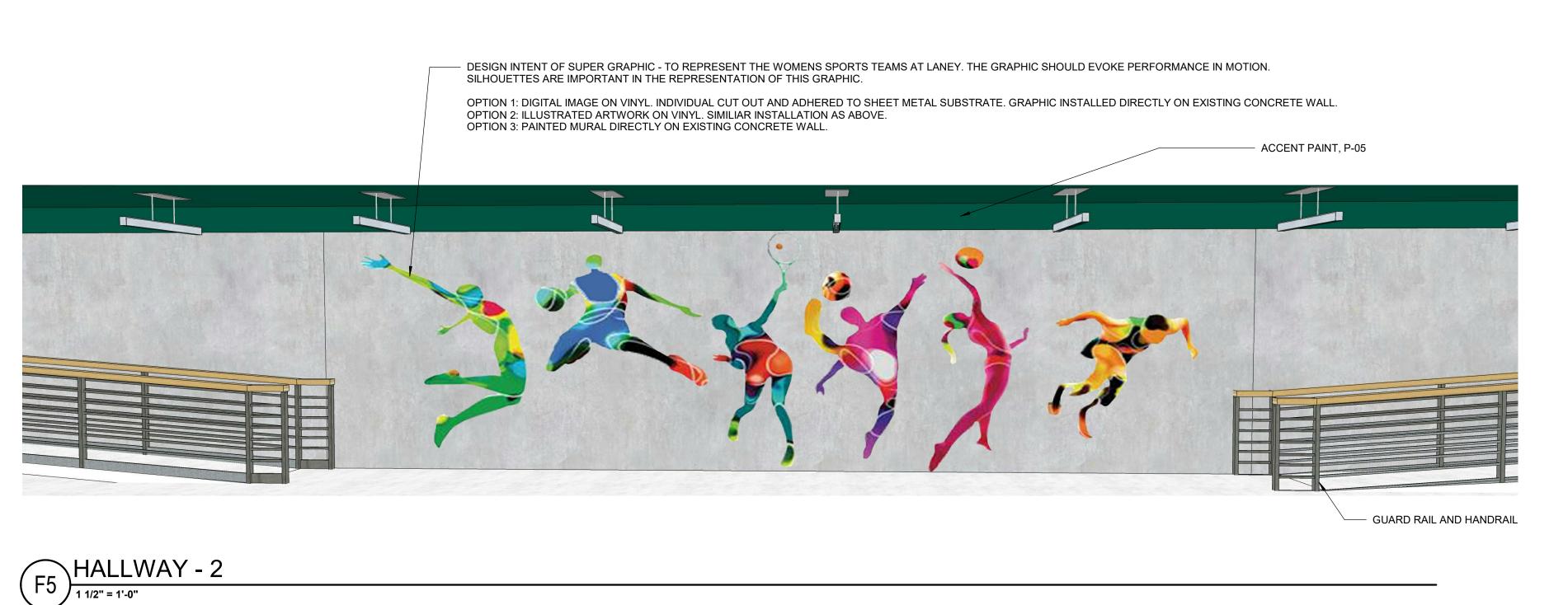
UPDATE FOR RFP 08/10/2020

LEVEL 1 - RAMP

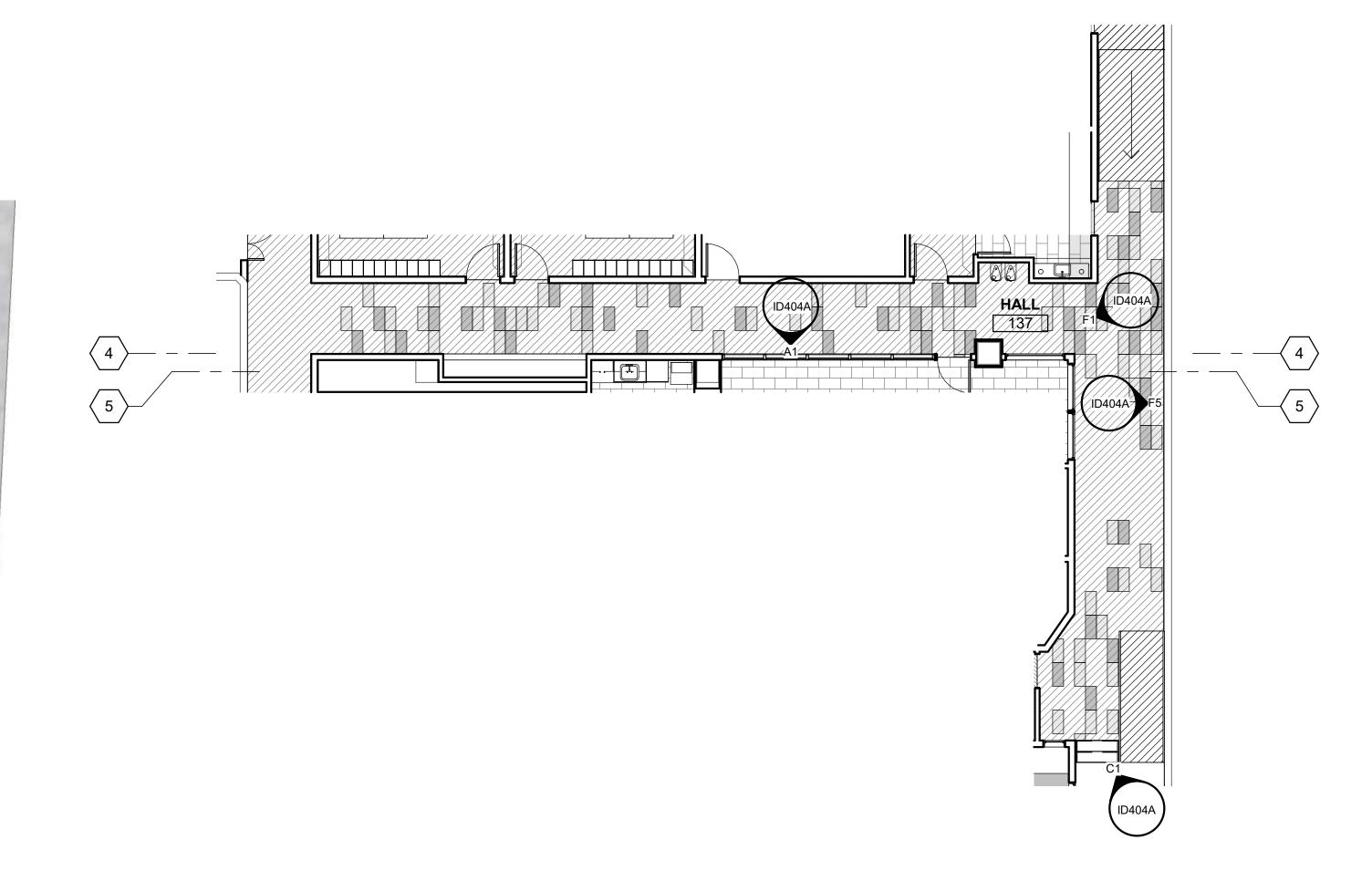
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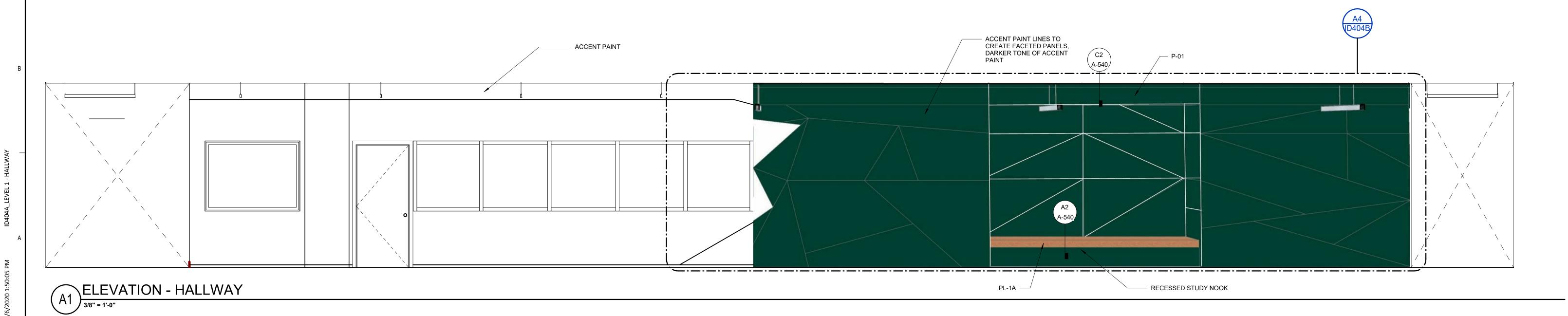




C1 HALLWAY

1 1/2" = 1'-0"

C5 LEVEL 1 - HALLWAY



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DESIGN PROFESSIONAL STAMP

REVISION SCHEDULE

NO. REVISION NAME

PERALTA COMMUNITY

B COLLEGE DISTRICT

LANEY COLLEGE TITLE IX

LOCKER ROOM

REMODEL
FACILITY NAME:
FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO:

5514.100L

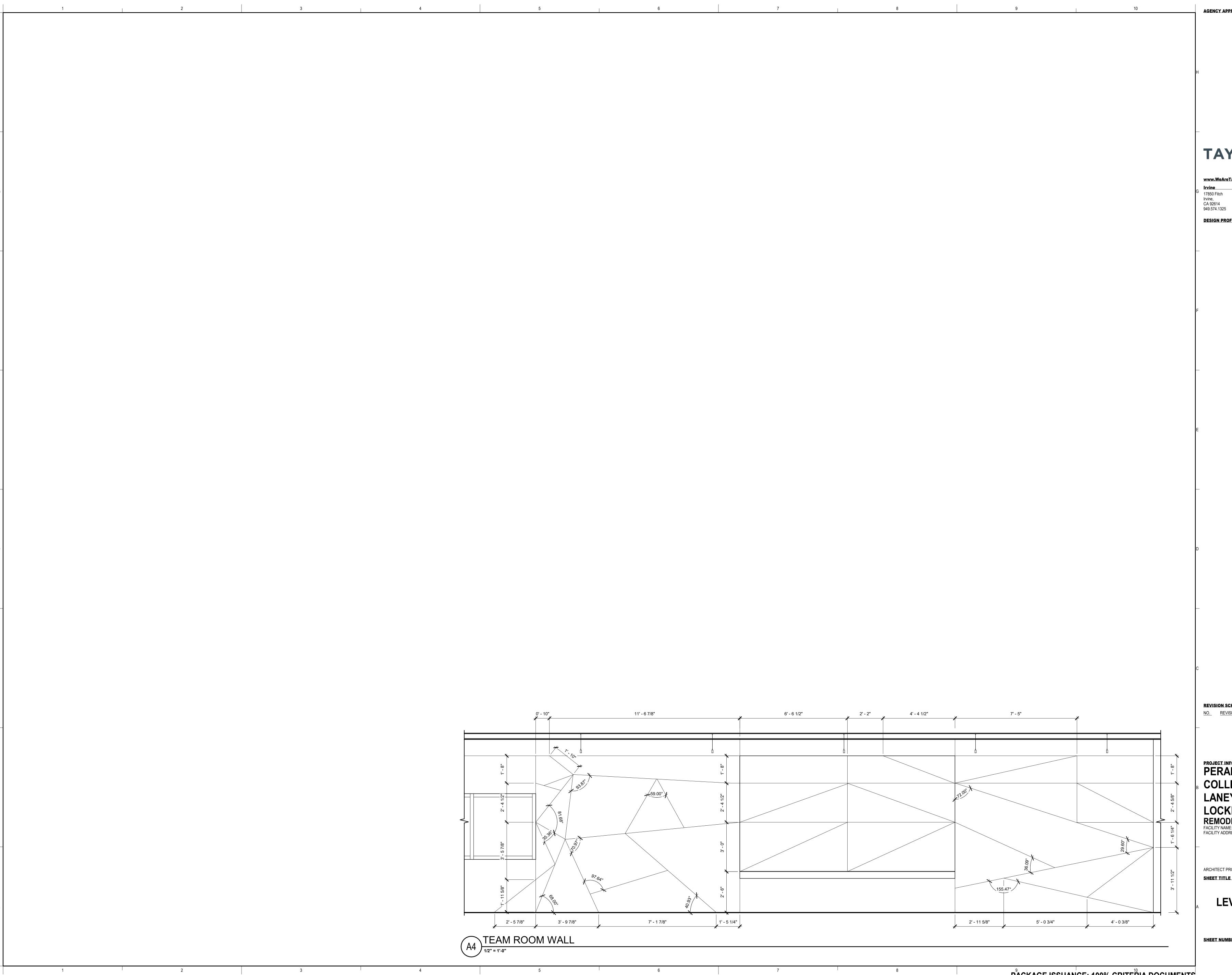
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**LEVEL 1 - HALLWAY** 

NUMBER SCALE:

ID404A



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REVISION SCHEDULE NO. REVISION NAME DATE:

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA 94607

ARCHITECT PROJECT NO: DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

**LEVEL SL 2 SEGMENT A FINISH PLAN** 

SCALE: 1/2" = 1'-0"

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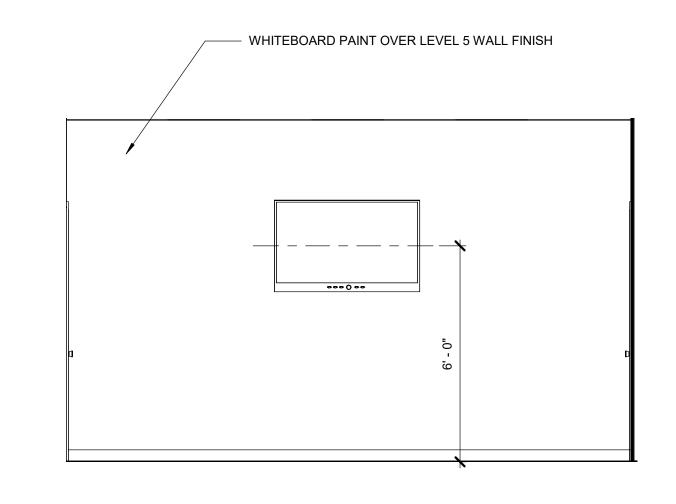
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 San Francisco,
 Suite 206

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 CA 94111
 San Diego, CA 92106

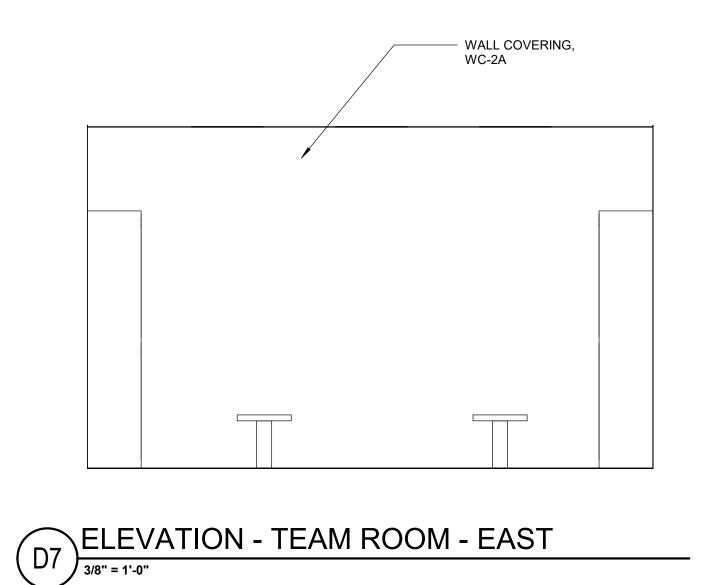
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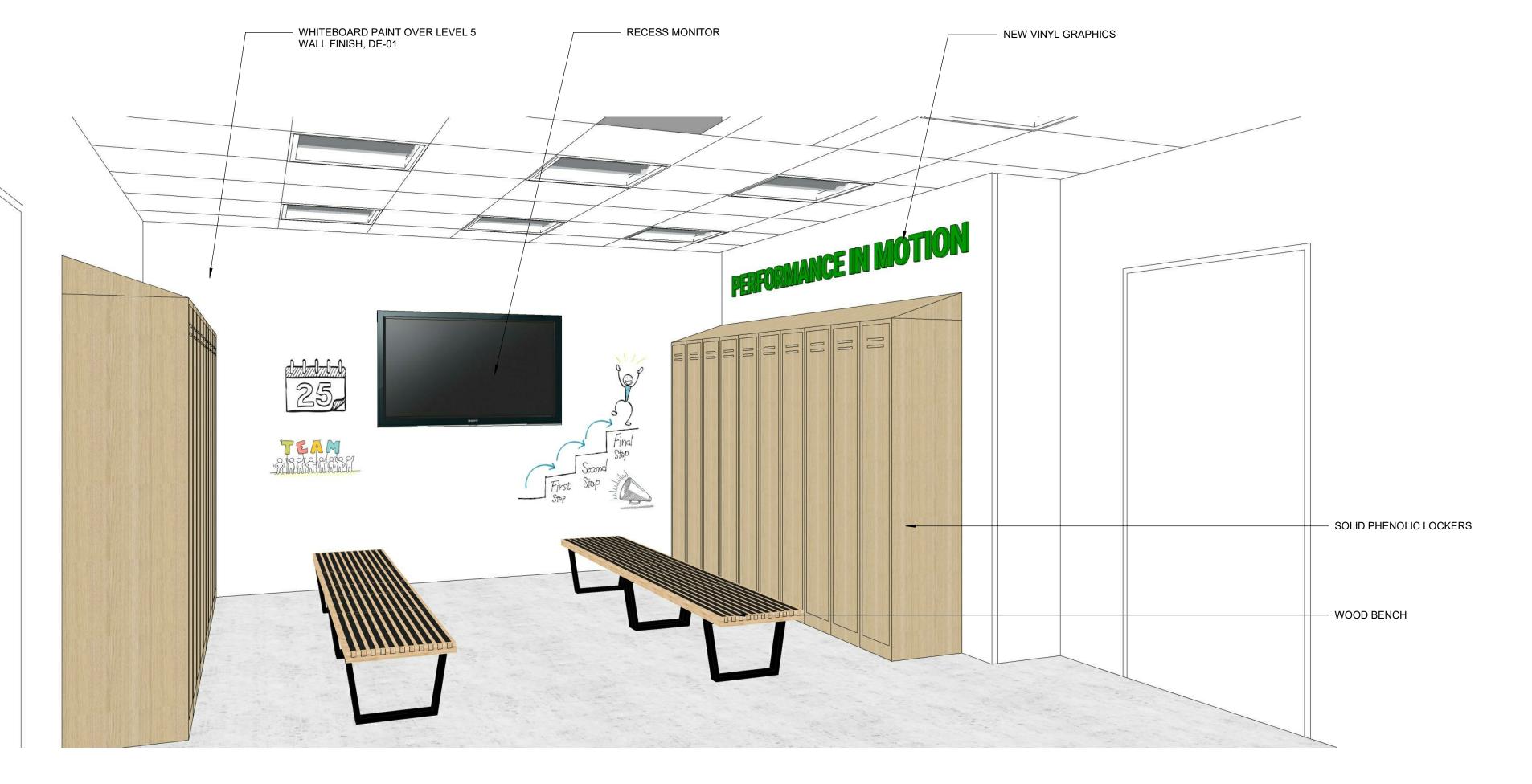
DESIGN DEGESSIONAL STAM

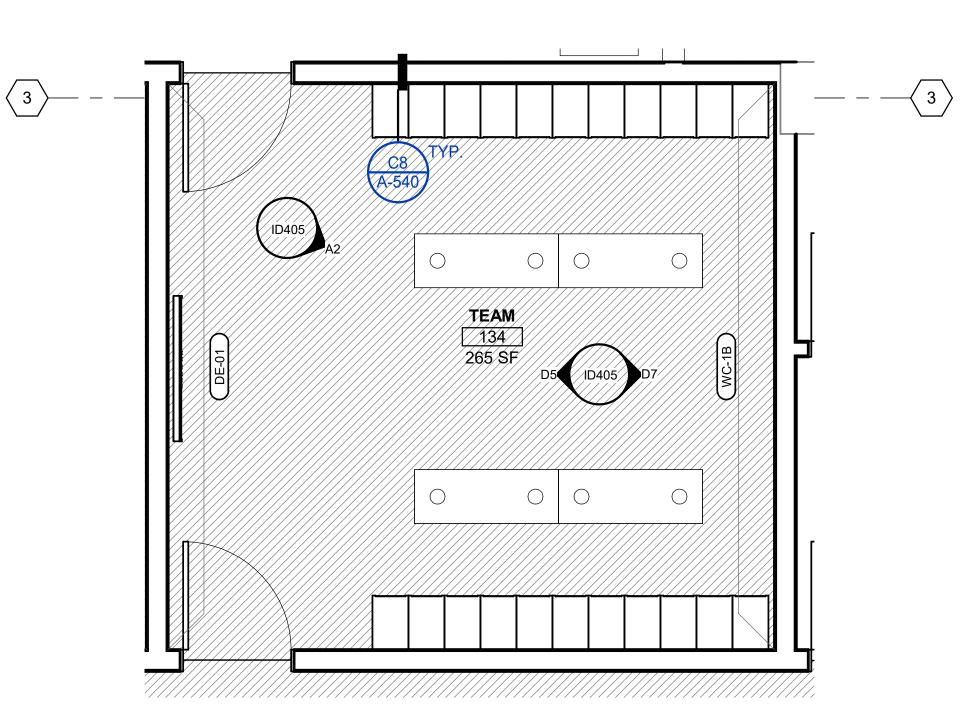
ALL THREE TEAM ROOMS WILL RECEIVE THE SAME FINISHE



D5 ELEVATION - TEAM ROOM - WEST







A7 LEVEL 1 - TEAM ROOM
3/8" = 1'-0"

LEVEL 1 - TEAM ROOM

PERALTA COMMUNITY

LANEY COLLEGE TITLE IX

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

> DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

**COLLEGE DISTRICT** 

LOCKER ROOM

REMODEL FACILITY NAME: FACILITY ADDRESS:

ARCHITECT PROJECT NO:

**REVISION SCHEDULE** 

NO. REVISION NAME

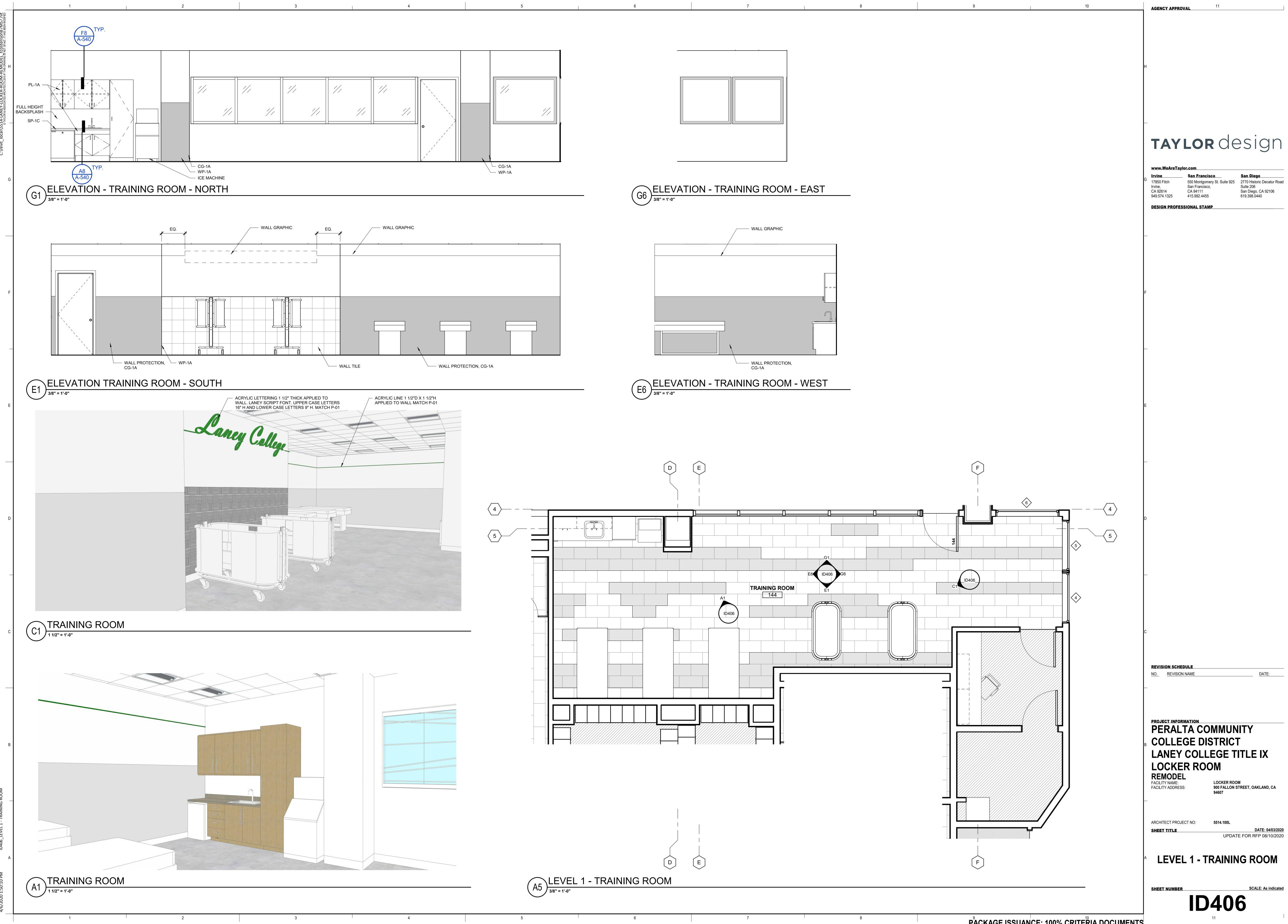
ID405

PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

6/2020 1:50:06 PM

TEAM ROOM

1 1/2" = 1'-0"



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**REVISION SCHEDULE** NO. REVISION NAME

PERALTA COMMUNITY COLLEGE DISTRICT LANEY COLLEGE TITLE IX LOCKER ROOM

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

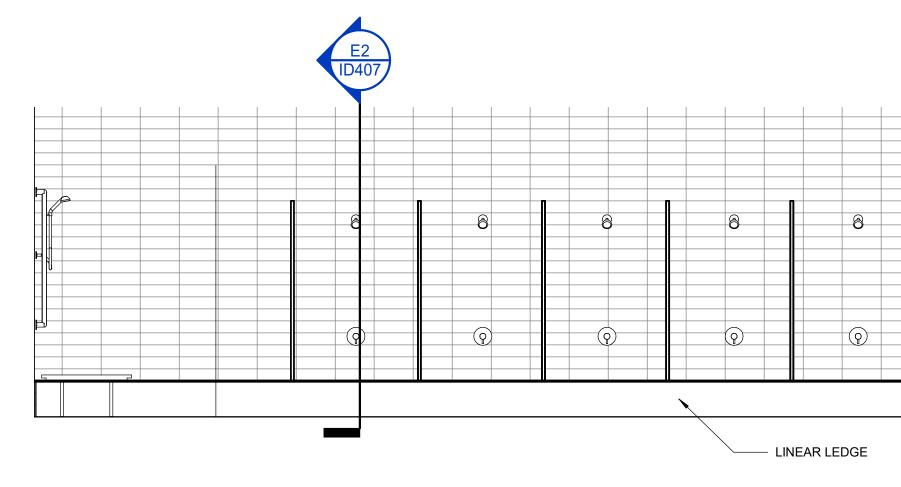
ARCHITECT PROJECT NO:

DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

**LEVEL 1 - TRAINING ROOM** 

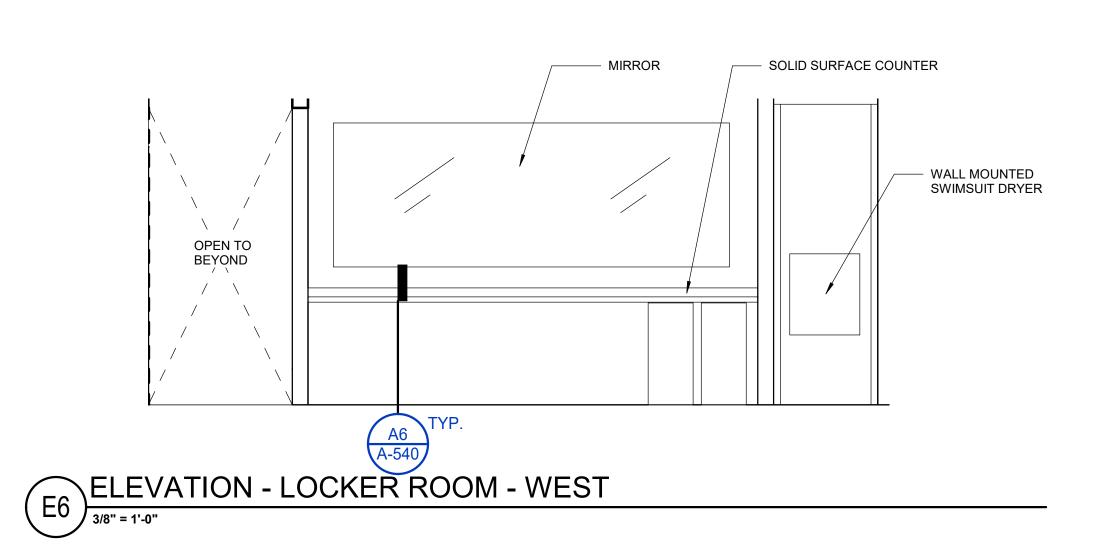
**ID406** 

SECTION - SHOWER TYP.



ELEVATION - WOMEN'S SHOWER SIM TILE PATTERN IN MEN'S GENERAL SHOWER

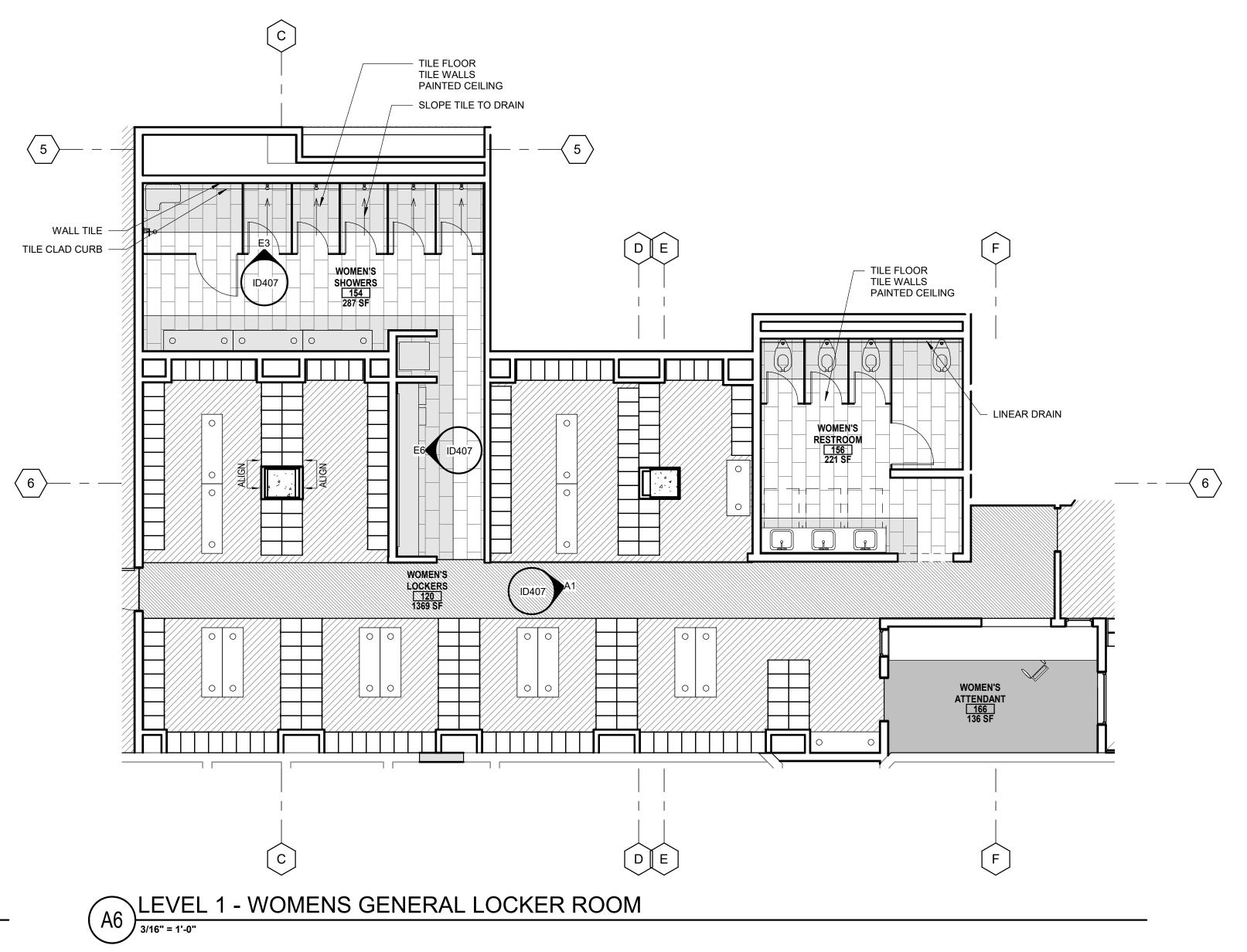
3/8" = 1'-0"





WOMENS GENERAL LOCKER ROOM

1 1/2" = 1'-0"



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DESIGN PROFESSIONAL STAMP

REVISION SCHEDULE

NO. REVISION NAME DATE:

PERALTA COMMUNITY

B COLLEGE DISTRICT

LANEY COLLEGE TITLE IX

LOCKER ROOM

REMODEL
FACILITY NAME:
FACILITY ADDRESS:

IODEL

(NAME: LOCKER ROOM
(ADDRESS: 900 FALLON STREET, OAKLAND, CA

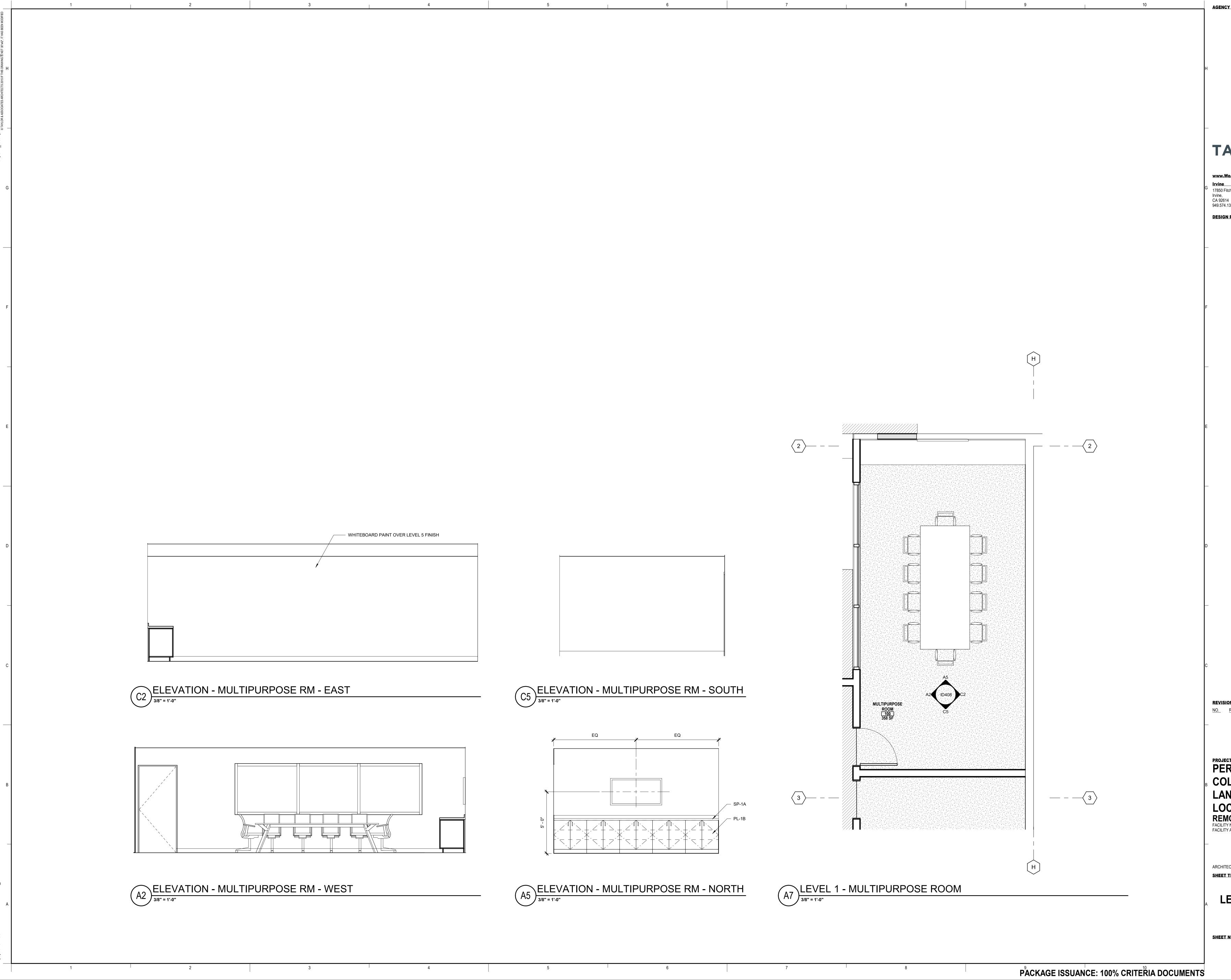
ARCHITECT PROJECT NO:

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LEVEL 1- WOMENS GENERAL LOCKER ROOM

SHEET NUMBER

**ID407** 



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REVISION SCHEDULE NO. REVISION NAME

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX **LOCKER ROOM** 

REMODEL FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO:

**LEVEL 1 - MULTIPURPOSE** 

DATE: 04/03/2020 UPDATE FOR RFP 08/10/2020

**ROOM** 

**ID408** 

		ONCRETE FINI	ISHING									
DE	DΕ	SPECIFICATION	DESCRIPTION		CT-07	093023	MANUFACTURER: DESCRIPTION:	DALTILE CERAMIC TILE - WEAVE MOSAIC	097200	WALL COVERIN	GS	
C-C	)1	033500	MANUFACTURER: DESCRIPTION: STAIN COLOR:	CONCRETE FLOOR SEALER CLEAR SEALER			PRODUCT: COLOR: SIZE:	COLOR WHEEL 0190 ARCTIC WHITE 1" X 3" LATTICE, 12" X 12" SHEET	CODE WC-1A	SPECIFICATION 097200	DESCRIPTION  MANUFACTURER:	OLIVIA + POPPY
							TILE THICKNESS: INSTALLATION: LOCATION:	1/4" STACKED, FIELD TILE TEAM LOCKER SHOWERS & RESTROOM			DESCRIPTION: PATTERN: COLOR:	WALL COVERING COLLIDE-O-SCOPE SPRING
			AL WOOD CASEWO	RK			ACCENT TILE:  GROUT THICKNESS:	CT-05 & CT-06 RANDOM 1/8"			WIDTH: FIRE RATING:	25" CLASS A
		SPECIFICATION 064100	DESCRIPTION  MANUFACTURER:	FORMICA			GROUT: GROUT COLOR:	CUSTOM BUILDING PRODUCTS 542 GRAYSTONE				
			DESCRIPTION: COLOR: FINISH:	PLASTIC LAMINATE MILLENNIUM OAK MATTE 58	CT-08	093023	MANUFACTURER: DESCRIPTION:	DALTILE CERAMIC TILE - FIELD	WC-1B	097200	MANUFACTURER: DESCRIPTION:	OLIVIA + POPPY WALL COVERING
			FIRE RATING:	CLASS A			PRODUCT: COLOR: SIZE:	FABRIC ART ML62 TAUPE 12" X 24"			PATTERN: COLOR: WIDTH:	ARROWS BLACK ON WHITE 25"
PL-1	R	064100	MANUFACTURER:	PANOLAM			TILE THICKNESS: INSTALLATION: LOCATION:	3/8" RUNNING BOND LOCKER ROOM			FIRE RATING: NOTE:	CLASS A SAMPLE WALLCOVERING PRODUCT. FINAL ARTWORK TO FOCUS ON THE
L-1	D	004100	DESCRIPTION: COLOR: FINISH:	PLASTIC LAMINATE EASY ELEGANCE VA5002 SOFT LEATHER (LR)			GROUT THICKNESS: GROUT:	1/8" CUSTOM BUILDING PRODUCTS				ATHELETIC AND TEAM CHARACTERS.
			FIRE RATING:	CLASS A	OT 00	000000	GROUT COLOR:	MATCH FIELD TILE	WC-2A	097200	MANUFACTURER:	HDWALLS
					CT-09	093023	MANUFACTURER: DESCRIPTION: PRODUCT:	DALTILE CERAMIC TILE - ACCENT FABRIC ART			DESCRIPTION: PATTERN: COLOR:	WALL COVERING PALMA LUSH
<b>.</b> ឧឧ	anno c	BLAZING					COLOR: SIZE: TILE THICKNESS:	MK70 NATURAL PRISM, BEIGE/TAUPE 12" X 24" 3/8"			WIDTH: FIRE RATING: NOTE:	50" CLASS A SAMPLE WALLCOVERING PRODUCT.
COD		SPECIFICATION	DESCRIPTION				INSTALLATION: LOCATION:	RUNNING BOND LOCKER ROOM				FINAL ARTWORK SHOULD INCLUDE BIRDS OF PARADISE AND VIRBRANT COLORS FROM THE PALETTE.
∃L-X	(X	088113	MANUFACTURER: DESCRIPTION: PRODUCT:	DECORATIVE GLASS			GROUT THICKNESS: GROUT: GROUT COLOR:	1/8" CUSTOM BUILDING PRODUCTS MATCH CT-09				
			FINISH: SHEET SIZE: THICKNESS:		FA-1C	096513	MANUFACTURER: DESCRIPTION:	SCHLUTER SYSTEM WALL TILE TO DRYWALL TRANISITION		PAINTING AND		
ИGL	-XX	088300	MANUFACTURER: DESCRIPTION:	MIRROR GLASS			PROFILE: FINISH: HEIGHT:	JOLLY A100 ALUMINUM ALIGN WITH THICKNESS OF TILE	CODE P-01	SPECIFICATION 099123	DESCRIPTION  MANUFACTURER:	DUNN EDWARDS
			PRODUCT: FINISH: SHEET SIZE:			000510					DESCRIPTION: FINISH: COLOR:	FILELD PAINT EGGSHELL LRV 7, BILLIARD TABLE
			THICKNESS:		FA-1D	096513	MANUFACTURER: DESCRIPTION: PROFILE:	SCHLUTER SYSTEM WALL TILE TO WALL TILE OUTSIDE CORNER FINEC	_	000155	A4A44.55.55	DUNIN FRANCES
							FINISH: HEIGHT:	ALUMINUM ALIGN WITH THICKNESS OF TILE	P-02	099123	MANUFACTURER: DESCRIPTION: FINISH:	DUNN EDWARDS FIELD PAINT EGGSHELL
		TILING									COLOR:	LRV 53, SILVER POLISH
COD PS-0		SPECIFICATION 093013	DESCRIPTION  MANUFACTURER:	CROSSVILLE	<b>095100</b> CODE	ACOUSTICAL C SPECIFICATION	EILINGS  DESCRIPTION		P-03	099123	MANUFACTURER: DESCRIPTION:	DUNN EDWARDS FIELD PAINT
-			DESCRIPTION: PRODUCT: COLOR:	PORCELAIN STONE RETRO ACTIVE 2.0 PATTERNS RET02 SEAL TAUPE PTN	AC-1A	095113	MANUFACTURER: DESCRIPTION:	ARMSTRONG ACOUSTICAL PANEL CEILING TILE			FINISH: COLOR:	EGGSHELL LRV 73, HIGHLIGHTER
			SIZE: TILE THICKNESS: INSTALLATION:	12 X 12 5/16" RUNNING BOND			PRODUCT: COLOR: TILE SIZE:	OPTIMA WHITE 12x12	P-04	099123	MANUFACTURER:	DUNN EDWARDS
			LOCATION: GROUT THICKNESS:	TEAM LOCKER ROOM & TRAINING ROOM 1/16"			EDGE: GRID: GRID COLOR:	SQUARE TEGULAR 9/16" WHITE			DESCRIPTION: FINISH: COLOR:	FIELD PAINT SEMIGLASS LRV 83, SWISS COFFEE
			GROUT: GROUT COLOR:	CUSTOM BUILDING PRODUCT GRAYSTONE #542			NRC: FIRE RATING:	0.95 NRC / 190AC ASTM E84 - CLASS A/B/C				
PS-0	02	093013	MANUFACTURER:	CROSSVILLE	AC-1B	095113	MANUFACTURER: DESCRIPTION: PRODUCT:	ARMSTRONG ACOUSTICAL PANEL CEILING TILE OPTIMA	P-05	099123	MANUFACTURER: DESCRIPTION: FINISH:	DUNN EDWARDS FIELD PAINT EGGSHELL
			DESCRIPTION: PRODUCT: COLOR:	PORCELAIN STONE PETRO ACTIVE 2.0 PATTERNS RET12 RACING GREEN PTN			COLOR: TILE SIZE: EDGE:	WHITE 12x48 SQUARE TEGULAR			COLOR:	LRV 83, SWISS COFFEE
			SIZE: TILE THICKNESS: INSTALLATION:	12 X 12 5/16" RUNNING BOND			GRID: GRID COLOR:	9/16" WHITE 0.95 NRC / 190AC	P-06	099123	MANUFACTURER: DESCRIPTION: FINISH:	DUNN EDWARDS FIELD PAINT EGGSHELL
			LOCATION:  GROUT THICKNESS:	TEAM LOCKER ROOM & TRAINING ROOM 1/16"			NRC: FIRE RATING:	0.95 NRC / 190AC ASTM E84 - CLASS A/B/C			COLOR:	TBD
			GROUT: GROUT COLOR:	CUSTOM BUILDING PRODUCT GRAYSTONE #542					099735	DRY ERASE CO	ATINGS	
CT-(	01	093023	MANUFACTURER: DESCRIPTION:	CROSSVILLE CERAMIC TILE - FIELD WALL TILE		RESILIENT FLO			CODE	SPECIFICATION	DESCRIPTION	
			PRODUCT: COLOR: SIZE:	HANDWRITTEN HWR02 - POST CARD 3" X 12"	CODE B-1A	SPECIFICATION 096513	DESCRIPTION  MANUFACTURER:	TARKETT	DE-01	099735	MANUFACTURER: DESCRIPTION: COLOR:	WINK BY WOLF GORDON WRITE AND ERASE COATING CLEAR
			TILE THICKNESS: INSTALLATION: LOCATION:	3/8" STACKED GENERAL LOCKER ROOM			DESCRIPTION: PROFILE: COLOR:	RUBBER WALL BASE BASEWORKS THERMOSET RUBBER 40 BLACK			NOTE:	TO BE USED OVER P-05
			GROUT THICKNESS: GROUT:	1/8" CUSTOM BUILDING PRODUCTS			HEIGHT: FIRE RATING:	4" NFPA 253/ASTM E648 - CLASS I / II				
CT-(	02	093023	GROUT COLOR:  MANUFACTURER:	MATCH FIELD TILE CROSSVILLE	FA-1A	096513	MANUFACTURER: DESCRIPTION:	SCHLUTER SYSTEM RT TO CERAMIC TILE	<b>102600</b> CODE	WALL PROTECT SPECIFICATION	TION  DESCRIPTION	
			DESCRIPTION: PRODUCT: COLOR:	CERAMIC TILE - ACCENT WALL TILE HANDWRITTEN HWR07 - GOLD LEAF			PROFILE: FINISH: HEIGHT:	SCHEINE A100 ALUMINUM ALIGN WITH THICKNESS OF TILE	CG-1A	102613	MANUFACTURER: DESCRIPTION:	KOROGARD CORNER GUARD/END WALL GUARD
			SIZE: TILE THICKNESS: INSTALLATION:	3" X 12" 3/8" STACKED, RANDOM ACCENT TILE							PRODUCT: COLOR: WING WIDTH:	GS-35 ANODIZED ALUMINUM 3 1/2"
			LOCATION: GROUT THICKNESS:	GENERAL LOCKER ROOM 1/8"	FA-1B	096513	MANUFACTURER: DESCRIPTION: PROFILE:	SCHLUTER SYSTEM RT TO PORCELAIN TILE SCHEINE A80			HEIGHT: FINISH:	48" CLEAR
			GROUT: GROUT COLOR:	CUSTOM BUILDING PRODUCTS MATCH FIELD TILE			FINISH: HEIGHT:	ALUMINUM ALIGN WITH THICKNESS OF TILE	CG-1B	102613	MANUFACTURER:	KOROGARD
CT-0	)3	093023	MANUFACTURER: DESCRIPTION:	CROSSVILLE CERAMIC TILE	RT-1A	096519	MANUFACTURER:	PATCRAFT	•		DESCRIPTION: PRODUCT: COLOR:	CORNER GUARD/END WALL GUARD GS-35 ANODIZED ALUMINUM
			PRODUCT: COLOR: SIZE:	HANDWRITTEN HWR08 - LOVE LETTER 3" X 12"	IXI-IA	5550 IV	MANUFACTURER: DESCRIPTION: PRODUCT: COLOR:	RESILIENT TILE FLOORING - FIELD MEANING 1446V ECOSYSTEM COLLECTION RESONATE			WING WIDTH: HEIGHT: FINISH:	3 1/2" FULL HEIGHT CLEAR
			TILE THICKNESS: INSTALLATION:	3/8" STACKED, RANDOM ACCENT TILE			COLOR: THICKNESS: TILE SIZE: INSTALLATION:	RESONATE 0.098" 13"W X 26"L MONOLITHIC	•••	400015		
			GROUT THICKNESS: GROUT: GROUT COLOR:	1/8" CUSTOM BUILDING PRODUCTS MATCH FIELD TILE			INOTALLATION:	WOROLITHO	WP-1A	102613	MANUFACTURER: DESCRIPTION: COLOR:	KOROGARD ETS SHEET WALL PROTECTION CHARCOAL
CT-(	<b>1</b> /4	093023	MANUFACTURER:	CROSSVILLE	RT-1B	096519	MANUFACTURER: DESCRIPTION:	PATCRAFT RESILIENT TILE FLOORING - ACCENT			WING WIDTH: HEIGHT: FINISH:	3 1/2" 8 FEET CLEAR
∪ ı -(	<b>∪-</b> †	0 <b>000</b> 40	MANUFACTURER: DESCRIPTION: PRODUCT: COLOR:	CROSSVILLE CERAMIC TILE HANDWRITTEN HWR09 - INKWELL			PRODUCT: COLOR: THICKNESS:	MEANING 1446V ECOSYSTEM COLLECTION REVAMP 0.098"	WP-1B	102613	MANUFACTURER:	KOROGARD ETS
			COLOR: SIZE: TILE THICKNESS: INSTALLATION:	HWR09 - INKWELL 3" X 12" 3/8" STACKED, RANDOM ACCENT TILE			TILE SIZE: INSTALLATION:	13"W X 26"L MONOLITHIC	٠٠. ال	•	DESCRIPTION: COLOR: WING WIDTH:	SHEET WALL PROTECTION CHARCOAL 3 1/2"
			GROUT THICKNESS: GROUT:	1/8" CUSTOM BUILDING PRODUCTS							HEIGHT: FINISH:	FULL HEIGHT CLEAR
			GROUT: GROUT COLOR:	MATCH FIELD TILE	RT-1C	096519	MANUFACTURER: DESCRIPTION: PRODUCT:	PATCRAFT RESILIENT TILE FLOORING - ACCENT MEANING 1446V ECOSYSTEM COLLECTION	FRL-01	102623	MANUFACTURER:	PANOLAM
CT-(	05	093023	MANUFACTURER: DESCRIPTION: PRODUCT:	DALTILE CERAMIC TILE COLOR WHEEL - WEAVE MOSAIC			PRODUCT: COLOR: THICKNESS: TILE SIZE:	MEANING 1446V ECOSYSTEM COLLECTION CONNECT 0.098" 13"W X 26"L	-		DESCRIPTION: PRODUCT: COLOR:	FRL WALL PROTECTION NS748 SMOKY WHITE
			COLOR: SIZE:	0115 EMERALD 1" X 3" LATTICE, 12" X 12" SHEET			IILE SIZE: INSTALLATION:	13"W X 26"L MONOLITHIC			SHEET SIZE: FINISH: TRIM:	PER MANUFACTURER SD PER MANUFACTURER
			TILE THICKNESS: INSTALLATION: LOCATION:	1/4" STACKED ENTRY WALL	RT-1D	096519	MANUFACTURER:	PATCRAFT THE FLOORING			FIRE RATING:	CLASS A
			GROUT THICKNESS: GROUT:	CUSTOM BUILDING PRODUCTS			DESCRIPTION: PRODUCT: COLOR:	RESILIENT TILE FLOORING MEANING 1446V ECOSYSTEM COLLECTION INTEGRATED	105100	LOCKERS		
			GROUT COLOR:	542 GRAYSTONE			THICKNESS: TILE SIZE: INSTALLATION:	0.098" 13"W X 26"L MONOLITHIC	CODE	SPECIFICATION	DESCRIPTION	
CT-(	06	093023	MANUFACTURER: DESCRIPTION: PRODUCT:	DALTILE CERAMIC TILE - WEAVE MOSAIC COLOR WHEEL					SF-01	105129	MANUFACTURER: DESCRIPTION: PATTERN:	TRESPA PHENOLIC LOCKER FINISH W71-03
			COLOR: SIZE: TILE THICKNESS:	X114 DESERT GRAY 1" X 3" LATTICE, 12" X 12" SHEET 1/4"							COLOR: FINISH:	SILVER MAPLE CRYSTAL MATTE
			INSTALLATION: LOCATION:	STACKED TRAINING ROOM	<b>096800</b> CODE	CARPET FLOOF SPECIFICATION	RING  DESCRIPTION					
			GROUT THICKNESS: GROUT: GROUT COLOR:	1/8" CUSTOM BUILDING PRODUCTS 542 GRAYSTONE	CPT-1A	096800	MANUFACTURER: DESCRIPTION:	PATCRAFT MODULAR CARPET TILE				
			SHOUT GULUK!	JIZ JIVITOTONE			PRODUCT: SIZE:	EASY ON THE EYES 24X24				
							COLOR:	HOCUS POCUS 00306				

CODE	SPECIFICATION	DESCRIPTION	
SP-1A	123661	MANUFACTURER: DESCRIPTION: COLOR: THICKNESS: LOCATION:	CORIAN SOLID SURFACING NEUTRAL AGGREGA <sup>-</sup> 1/2" GENERAL LOCKER R PRIVATE RESTROOM
SP-1B	123661	MANUFACTURER: DESCRIPTION: COLOR: THICKNESS: LOCATION:	CORIAN SOLID SURFACING LAVA ROCK 1/2" TEAM SHOWER ROOI
SP-1C	123661	MANUFACTURER: DESCRIPTION: COLOR: THICKNESS: LOCATION:	CORIAN SOLID SURFACING CARBON AGGEGRATI 1/2"

# **GENERAL NOTES**

1. REFER TO THE FINISH LEGEND AND GENERAL NOTES FOR TYPICAL FINISH DESIGNATION. 2. REFER TO THE FINISH PLAN FOR SPECIFIC FINISH LOCATION AND EXTENTS. 3. REFER TO THE INTERIOR ELEVATIONS FOR FURTHER INFORMATION. 4. REFER TO SPECIFICATIONS IN PROJECT MANUAL FOR ADDITIONAL INFORMATION.

### 064100 ARCHITECTURAL WOOD CASEWORK

1. RUN PLASTIC LAMINATE PATTERN VERTICALLY/HORIZONTALLY UNLESS NOTED OTHERWISE. 2. USE STAINLESS STEEL WIRE PULL FOR HARDWARE PULLS OF CASEWORK UNLESS NOTED OTHERWISE. REFER TO THE SPECIFICATIONS FOR ADDITIONAL HARDWARE INFORMATION.

### **093000 TILING**

1. ALL GROUT LINES BETWEEN FLOORS, WALLS, AND ADJACENT WALLS TO ALIGN. CONSULT ARCHITECT BEFORE MODIFYING IF GROUT LINES CANNOT BE ALIGNED.

095100 ACOUSTICAL CEILINGS 1. REFER TO THE REFLECTED CEILING PLANS ON SHEETS A-131 FOR ACOUSTICAL CEILING TILE LOCATION AND EXTENTS.

2. SHUFFLE TILE BOXES PRIOR TO INSTALLATION SO COLOR RANGE IS DISPERSED.

4. REFER TO THE DETAILS ON SHEET(S) FOR FLOORING TRANSITION INFORMATION.

096500 RESILIENT FLOORING 1. PROVIDE FLOORING SHOP DRAWINGS SHOWING SEAMING LOCATIONS AND LAYOUT FOR REVIEW, PRIOR TO ORDERING MATERIAL. 2. FIELD TILE TO BE RT-1A IN CIRCULATION WITH RT-1B AND RT-1C AS ACCENTS. 3. USE B-1A FOR RUBBER WALL BASE UNLESS NOTED OTHERWISE.

### 096800 CARPETING

1. FOR CP-1A, RUN CARPET PATTERN NORTH TO SOUTH/ EAST TO WEST

### 097200 WALL COVERINGS

1. PROVIDE LEVEL 5 DRYWALL FINISH ON WALLS UNLESS NOTED OTHERWISE.

### 099100 PAINTING AND COATING

1. PAINT GYPSUM WALLS P-05 UNLESS NOTED OTHERWISE. 2. PAINT GYPSUM CEILINGS P-05 UNLESS NOTED OTHERWISE. 3. PAINT WALLS IN TOILET ROOMS P-04 UNLESS NOTED OTHERWISE. 4. PAINT GYPSUM CEILINGS IN TOILET ROOMS P-04 UNLESS NOTED OTHERWISE. 5. REFER TO THE FINISH PLAN(S) FOR ACCENT PAINT LOCATIONS AND EXTENTS. 6. PAINT METAL DOORS P-01 UNLESS NOTED OTHERWISE. 7. PAINT DOOR FRAMES, WINDOW FRAMES, AND MULLIONS P-01 UNLESS FACTORY FINISHED OR NOTED 8. PAINT EXPOSED METAL GRILLES, FIRE CABINETS, ACCESS PANELS, ETC. TO MATCH ADJACENT WALL PAINT FINISH UNLESS FACTORY FINISHED OR NOTED OTHERWISE.

9. FOR P-01, P-03 ALLOW EXTRA TIME FOR MULTIPLE PAINT COATS TO ACCOMMODATE COLOR INTENSITY

102600 WALL PROTECTION 1. REFER TO THE (WALL) FINSH PLANS FOR WALL PROTECTION GROUPS, LOCATIONS, AND EXTENTS. 2. WALL PROTECTION TO BE 68" HIGH UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS. 3. INSTALL WALL PROTECTION BEHIND SCHEDULED BASE AND CORNER GUARDS UNLESS NOTED OTHERWISE. 4. INSTALL CORNER GUARDS ABOVE SCHEDULED BASE. 5. REFER TO TYPICAL WALL PROTECTION ELEVATIONS AND DETAILS ON SHEET XX FOR FURTHER

### INSTALLATION INFORMATION. 6. USE MANUFACTUERS MATCHING TRIM PIECES AS REQUIRED FOR A COMPLETE INSTALLATION. 7. RUN WALL SHEET WALL PROTECTION HORIZONTALLY FOR LEAST AMOUNT OF SEAMS.

### **105100 LOCKERS** 1. USE SF-1A FOR SOLID PHENOLIC LOCKER FINISH UNLESS NOTED OTHERWISE.

### 123600 COUNTERTOPS

1. COUNTERTOP AND BACKSPLASH EDGE - 90 DEGREE STRAIGHT-EDGE. 2. COUNTERTOPS THAT CONTAIN A SINK SHALL HAVE A CONTINUOUS NO-DRIP EDGE FOR FULL LENGTH.
3. COUNTERTOP CORNERS SHALL BE RADIUSED AT 1" (EXCLUDES BACKSPLASH).

		R	OOM F	INISH	SCHE	DULE
ROOM			FINI	SH		
NO.	NAME	FLOOR	BASE	WALL	CEILING	COMMENTS
100	MULTIPURPOSE ROOM	CPT	RB	Р	ACT	
101	MULTIPURPOSE ROOM	CPT	RB	Р	ACT	
103	STUDENT STUDY AREA	CPT	RB	Р	ACT	
104	KITCHENETTE	RT	RB	P	ACT	
112	STORAGE	ECS	RB	Р	EXPOSED	
115	STORAGE	ECS	RB	Р	EXPOSED	
117	STORAGE	ECS	RB	P	ACT	
119	COMMON AREA	RT	RB	P	Р	
120	WOMEN'S LOCKERS	RT	RB	P	ACT	
124	OFFICE	RT	RB	Р	ACT	
126	PRIVATE SHOWER / RESTROOM	СТ	СТ	CT/P	GYP	
127	JANITOR	СТ	СТ	Р	GYP	
130	TEAM SHOWERS	PS	CT	CT/P	GYP	
130A	TEAM RESTROOM	PS	CT	CT/P	GYP	
132	TEAM	RT	RB	P	ACT	
132A	STORAGE	ECS	RB	Р	EXPOSED	
134	TEAM	RT	RB	P .	ACT	
135	TEAM	RT	RB	Р	ACT	
136	LAUNDRY	RT	RB	P	ACT	
137	HALL	ECS	RB	Р	P P	
138	ALL GENDER TOILET	CT	CT	CT/P	GYP	
139	STORAGE	ECS	RB	P	EXPOSED	
140	MEN'S LOCKER	RT	RB	P	ACT	
140A	MEN'S ATTENDANT	RT	RB	Р	ACT	
140C	MEN'S SHOWERS	СТ	CT	P	GYP	
141	STORAGE	ECS	RB	P	EXPOSED	
142	ALL GENDER TOILET	CT	CT	CT/P	GYP	
143	JANITOR	CT	CT	P	GYP	
144	TRAINING ROOM	СТ	CT	P	ACT	
145	ALL GENDER TOILET	CT	CT	CT/P	GYP	
146	ALL GENDER TOILET	CT	CT	CT/P	GYP	
149	MEN'S RESTROOM	CT	CT	CT/P	GYP	
150	STORAGE	ECS	RB	P	EXPOSED	
153	CORRIDOR	RT	RB	P	ACT	
154	WOMEN'S SHOWERS	СТ	CT	P	GYP	
156	WOMEN'S RESTROOM	CT	CT	CT/P	P	
166	WOMEN'S ATTENDANT	RT	RB	P	ACT	
170	PRIVATE SHOWER / RESTROOM	СТ	СТ	CT/P	GYP	
187	STORAGE	RT	RB	Р	EXPOSED	

# FINISH NOTES

CODE	DESCRIPTION
ECS	EXPOSED CONCRETE SEALED
EXPOSED	EXPOSED CEILING
RB	RUBBER BASE
Р	PAINT
ACT	ACOUSTIC CEILING TILE
CPT	CARPET TILE
CT	CERAMIC TILE
PS	PORCELAIN STONE
RT	RESILIENT TILE

### www.WeAreTaylor.com

AGENCY APPROVAL

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949.574.1325	415.992.4455	619.398.0440

### **DESIGN PROFESSIONAL STAMP**

REVISION SCHEDULE NO. REVISION NAME

# PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

REMODEL FACILITY NAME:

LOCKER ROOM FACILITY ADDRESS: 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO:

UPDATE FOR RFP 08/10/2020 **FINISH LEGEND AND** 

DATE: 04/03/2020

SCHEDULE

SCALE: As indicated **ID600** 

I. GENERAL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE 2019 CALIFORNIA BUILDING CODE (PART 2, TITLE 24

CCR), ASSOCIATED REFERENCE STANDARDS AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. 2. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT

SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, USE SIMILAR DETAILS OF

CONSTRUCTION. SUBJECT TO REVIEW BY THE OWNER'S REPRESENTATIVE.

- 3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND FOR CHECKING DIMENSIONS. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES AND RESOLVE BEFORE PROCEEDING WITH THE WORK.
- 4. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO, BRACING AND SHORING FOR LOADS DURING CONSTRUCTION.
- 5. INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S REPRESENTATIVE.
- ANCHORAGE AND SUPPORTS OF ALL EQUIPMENT TO BE INSTALLED AS PART OF THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPT BY 2019 CBC SECTION 1616A.1.18. EQUIPMENT SUPPORTS AND ANCHORAGE SHALL BE APPROVED BY THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD AND DSA AS A PART OF FIELD REVIEWS/OBSERVATIONS. THE INSPECTOR OF RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.
- WHERE EQUIPMENT IS SHOWN ON THE STRUCTURAL PLANS, THE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. COORDINATE LOCATIONS OF EQUIPMENT WITH ARCHITECTURAL, M/E/P, AND VENDOR DRAWINGS.
- II. FOUNDATIONS

GENERAL NOTES

- 1. SLABS-ON-GRADE HAVE BEEN DESIGNED USING THE PRESUMPTIVE LOAD-BEARING VALUES PROVIDED IN TABLE 1806A.2 OF THE 2019 CBC.
- 2. ALL EXCAVATIONS SHALL BE INSPECTED AND APPROVED PRIOR TO PLACING CONCRETE.
- 3. CONTROLLED LOW STRENGTH MATERIAL (AKA CONTROLLED DENSITY FILL) SHALL BE A FLOWABLE MATERIAL CONSISTING OF PORTLAND CEMENT, FLY ASH, AND/OR SAND WITH AN EXPECTED 28 DAY AND LONG TERM (1YR) UNCONFINED COMPRESSIVE STRENGTH LESS THAN 200 PSI.
- 4. ALL ENGINEERED FILL SHALL BE COMPACTED TO A DENSITY OF AT LEAST NINETY-FIVE (95%) PERCENT STANDARD PROCTOR MAXIMUM DRY DENSITY PER ASTM D 698, UNLESS OTHERWISE NOTED.
- III. CONCRETE AND REINFORCING STEEL
- 1. CONCRETE SHALL BE NORMAL WEIGHT (145 PCF) WITH THE FOLLOWING PROPERTIES
- 1.1 MINIMUM 28-DAY COMPRESSIVE STRENGTH: 3000 PSI
- 1.2 PORTLAND CEMENT: ASTM C150, TYPE I OR II
- 1.3 AGGREGATE: ASTM C33
- 1.4 MAXIMUM AGGREGATE SIZE: 1
- 1.5 MAXIMUM SLUMP (WITHOUT ADMIXTURE): 4"
- 1.6 MAXIMUM WATER/CEMENTITIOUS MATERIALS RATIO: 0.45
- SUBMIT MIX DESIGN AND SUBSTANTIATING DATA IN ACCORDANCE WITH CBC 1905A FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
- 3. MIX AND PLACE CONCRETE IN ACCORDANCE WITH CBC REQUIREMENTS.
- 4. REINFORCEMENT: ASTM A615 GRADE 60. TYPICAL. ASTM A706 FOR ALL BARS TO BE WELDED.
- 5. BONDING AGENT: HIGH MODULUS EPOXY BONDING ADHESIVE. EUCO #452 LV OR MV BY THE EUCLID CHEMICAL COMPANY, SIKADUR 32 HI-MOD BY SIKA, FX-752 BY SIMPSON STRONG-TIE, OR APPROVED EQUAL. FOLLOW MANUFACTURER'S INSTRUCTION FOR INSTALLATION.
- 6. CLEAN AND ROUGHEN ALL HORIZONTAL CONSTRUCTION JOINTS BY EXPOSING CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX.
- 7. NON-SHRINK GROUT SHALL BE MASTERFLOW 928 BY BASF, SIKAGROUT 328 BY SIKA, OR FX-228 BY SIMPSON STRONG-TIE. FOLLOW MANUFACTURER'S INSTRUCTION FOR INSTALLATION. MINIMUM 1-DAY COMPRESSIVE STRENGTH: 3,500 PSI.
- 8. EXPANDED POLYSTYRENE FOAM (EPS) SHALL CONFORM TO ASTM C578, TYPE IV, OR APPROVED EQUAL WITH MINIMUM COMPRESSIVE STRENGTH OF 25 PSI AT 10% DEFORMATION.
- 9. CONTRACTOR SHALL INFORM THE ENGINEER AT LEAST 2 DAYS PRIOR TO PLACING ANY STRUCTURAL CONCRETE FOR THE OPPORTUNITY TO REVIEW THE WORK.
- 10. SUBMIT DETAILED AND DIMENSIONED SHOP DRAWINGS SHOWING LAYOUT OF REINFORCING STEEL, SPLICE LOCATIONS, LAP LENGTHS, EMBEDS, AND ACCESSORIES. DO NOT PROCEED WITH FABRICATION OR INSTALLATION UNTIL SHOP DRAWING REVIEW IS COMPLETE.
- IV. STRUCTURAL STEEL AND MISCELLANEOUS METAL
- FABRICATE AND ERECT STRUCTURAL STEEL AND MISCELLANEOUS METAL IN ACCORDANCE WITH AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION AND THE "CODE FOR STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" LATEST EDITION.
- **MATERIALS:**

W SHAPES ASTM A992 ASTM A36 CHANNELS, ANGLES ASTM A36 **PLATES** TUBE ASTM A500 GRADE B A53, TYPE E OR S, GRADE E ASTM A307 HIGH STRENGTH BOLTS ASTM A325 E70XX ELECTRODES WELDING ANCHOR RODS ASTM F1554, GRADE 36

- THREADED ROD ASTM A36 WELDING SHALL CONFORM TO AWS D1 STANDARDS LATEST EDITION. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS.
- 4. BOLT HOLES IN STEEL SHALL BE 1/16" LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLT OR THREADED ROD DIAMETERS USED, UNLESS OTHERWISE NOTED.
- 5. BLIND FASTENERS IN HOLLOW STRUCTURAL STEEL SHALL BE HOLLO-BOLTS BY LINDAPTER (ICC-ES REPORT NO. ESR-3330). INSTALL ANCHORS IN STRICT ACCORDANCE WITH ESR AND MANUFACTURER'S REQUIREMENTS.
- 6. HOT DIP GALVANIZE STRUCTURAL STEEL AND FASTENERS THAT ARE PERMANENTLY EXPOSED TO THE WEATHER IN ACCORDANCE WITH ASTM A123 AND ASTM A153. REPAIR GALVANIZING AFTER WELDING IN ACCORDANCE WITH ASTM A780.
- 7. ALL STEEL EXPOSED TO VIEW, NOT GALVANIZED OR STAINLESS, SHALL BE PRIMED AND PAINTED PER THE PROJECT SPECIFIC PAINTING SPECIFICATIONS. ALL OTHER STEEL SHALL BE PRIMED.
- 8. WHERE EXISTING FIREPROOFING IS DISTURBED DURING CONSTRUCTION, RESTORE FIRE RATING TO PREEXISTING CONDITION.
- 9. SUBMIT DETAILED AND DIMENSIONED SHOP DRAWINGS SHOWING LAYOUT OF STEEL FRAMING, CONNECTIONS, ACCESSORIES AND ATTACHMENTS TO OTHER WORK. DO NOT PROCEED WITH FABRICATION OR INSTALLATION UNTIL SHOP DRAWING REVIEW IS COMPLETE.

- V. POST-INSTALLED CONCRETE ANCHORS
- 1. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN. IF REINFORCING STEEL IS CUT OR DAMAGED DURING INSTALLATION, NOTIFY THE OWNER'S REPRESENTATIVE.
- 2. REQUIRED ANCHOR EMBEDMENT MUST BE IN THE CONCRETE ELEMENT.
- 3. EXISTING ANCHORS MAY NOT BE REUSED UNLESS EXPLICITLY INDICATED ON THE DRAWINGS.
- 4. POWDER DRIVEN FASTENERS (PDFS): HILTI LOW-VELOCITY X-U UNIVERSAL POWDER DRIVEN FASTENERS (ICC REPORT NO. ESR-2269) OR APPROVED EQUAL.
- 5. <u>EXPANSION ANCHORS</u>
- 5.1 EXPANSION ANCHORS SHALL BE HILTI KWIK BOLT TZ (ICC REPORT NO. ESR-1917) OR APPROVED EQUAL. INSTALL ANCHORS IN STRICT ACCORDANCE WITH ESR AND MANUFACTURER'S REQUIREMENTS.
- 5.2 ANCHOR EMBEDMENT SPECIFIED ON THE DRAWINGS REFERS TO "EFFECTIVE MINIMUM EMBEDMENT" IN
- ACCORDANCE WITH THE MANUFACTURER'S ESR. REFER TO ESR FOR REQUIRED HOLE DEPTH.
- 5.3 PROVIDE CARBON STEEL, UNLESS OTHERWISE NOTED.
- 5.4 TORQUE TEST EXPANSION ANCHORS PER THE "DRILLED-IN MECHANICAL ANCHORS TESTING REQUIREMENTS" BELOW.
- 5.5 HOLES DRILLED FOR ANCHORS THAT DO NOT SET PROPERLY OR FAIL A TORQUE TEST MAY NOT BE REUSED, AND SHALL BE FILLED WITH NON-SHRINK GROUT. A RELOCATED ANCHOR SHALL BE INSTALLED NOT CLOSER THAN 3 ANCHOR DIAMETERS FROM THE ABANDONED HOLE.
- 6. <u>ADHESIVE ANCHORS</u>
- 6.1 USE HILTI HIT-HY 200 (ICC REPORT NO. ESR-3187) OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH ESR AND MANUFACTURER'S REQUIREMENTS.
- 6.2 STEEL REINFORCING BARS: ASTM A615 GRADE 60.
- 6.3 PROVIDE HILTI HIS OR HIS-R INSERTS WHERE SPECIFICALLY NOTED ON THE DRAWINGS.
- 6.4 TENSION TEST ADHESIVE ANCHORS PER THE "DRILLED-IN MECHANICAL ANCHORS TESTING REQUIREMENTS" BELOW.
- 6.5 HOLES DRILLED FOR ANCHORS THAT DO NOT SET PROPERLY OR FAIL A TENSION TEST MAY NOT BE REUSED. AND SHALL BE FILLED WITH NON-SHRINK GROUT. A RELOCATED ANCHOR SHALL BE INSTALLED NOT CLOSER THAN 3 ANCHOR DIAMETERS FROM THE ABANDONED HOLE.

#### VI. DRILLED-IN MECHANICAL ANCHORS TESTING REQUIREMENTS

- 1. AN INDEPENDENT TESTING AGENCY AND SPECIAL INSPECTORS WILL BE RETAINED BY THE OWNER TO PERFORM THE FOLLOWING TESTS AND INSPECTION. PROVIDE ACCESS AND FURNISH SAMPLES TO THE AGENCY AS REQUIRED BY THE CONTRACT DOCUMENTS.
- 2. IF INITIAL TESTS OR INSPECTIONS MADE BY THE OWNER'S TESTING AGENCY REVEAL THAT ANY PORTION OF THE WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, ADDITIONAL TESTS, INSPECTIONS, AND NECESSARY REPAIRS WILL BE MADE AT THE CONTRACTOR'S EXPENSE.
- 3. TEST EQUIPMENT SHALL BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
- 4. HOLES DRILLED FOR ANCHORS THAT DO NOT SET PROPERLY OR FAIL PROOF TESTING MAY NOT BE REUSED, AND SHALL BE FILLED WITH NON-SHRINK GROUT.
- 5. TEST ALL ANCHORS IN THE PRESENCE OF THE INSPECTOR OF RECORD.
- 6. IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME TYPE, INSTALLED BY THE SAME TRADE, NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY.
- 7. POWDER DRIVEN FASTENERS (PDFS): TESTING NOT REQUIRED, UNLESS OTHERWISE NOTED.
- 8. EXPANSION ANCHOR TESTING
- 8.1 EXPANSION ANCHORS SHALL BE PROOF-TESTED BY THE OWNER'S TESTING AND INSPECTION AGENCY 24 HOURS MINIMUM AFTER INSTALLATION OF THE ANCHORS.
- 8.2 TEST 50% OF EXPANSION ANCHORS TO TORQUE LISTED BELOW, UNLESS OTHERWISE NOTED, ACCEPTANCE OF THE INSTALLED ANCHOR REQUIRES THAT THE APPLICABLE TEST TORQUE IS REACHED WITHIN ONE-HALF TURN OF THE NUT. EXCEPTION: ONE-QUARTER TURN OF THE NUT FOR 3/8" ANCHORS.

ANCHOR DIA.	TORQUE
(INCHES)	(FT-LB
3/8	25
1/2	40
5/8	60
3/4	110

- 9. ADHESIVE ANCHOR TESTING
- 9.1 ADHESIVE ANCHORS SHALL BE PULL-TESTED BY THE OWNER'S TESTING AND INSPECTION AGENCY 24 HOURS MINIMUM AFTER INSTALLATION OF THE ANCHORS. THE TEST LOAD SHALL BE SUSTAINED FOR A MINIMUM OF 15 SECONDS.
- 9.2 TEST 50% OF ADHESIVE ANCHORS, UNLESS OTHERWISE NOTED. ACCEPTANCE OF THE INSTALLED ANCHOR REQUIRES THAT THE ANCHOR EXHIBITS NO DISCERNABLE MOVEMENT.

#### VII. DESIGN CRITERIA

- 1. PROJECT DESCRIPTION: EXISTING BUILDING RENOVATION
- 2. GOVERNING CODE: 2019 CALIFORNIA BUILDING CODE AND ASCE 7-16

#### RISK CATEGORY: III

3. SEISMIC DEMAND PARAMETERS PER ASCE 7 CHAPTER 11:

SITE CLASS: D SITE SPECIFIC GROUND MOTION PARAMETERS: = 1.713q

 $S_1 = 0.678q$ 

SEISMIC DESIGN CATEGORY: D

4. SEISMIC DEMANDS ON NONSTRUCTURAL COMPONENTS PER ASCE 7 CHAPTER 13:

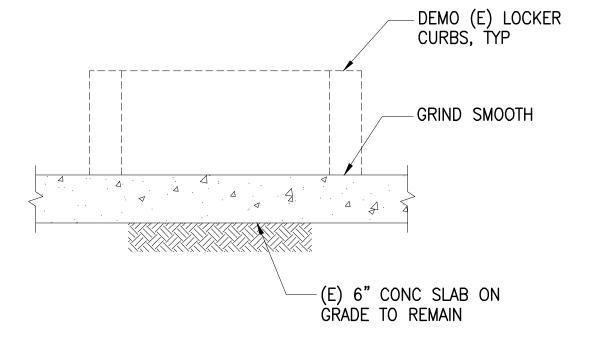
 $F_{p} = 0.4a_{p}S_{DS}W_{p}(1 + 2z/h)$ 

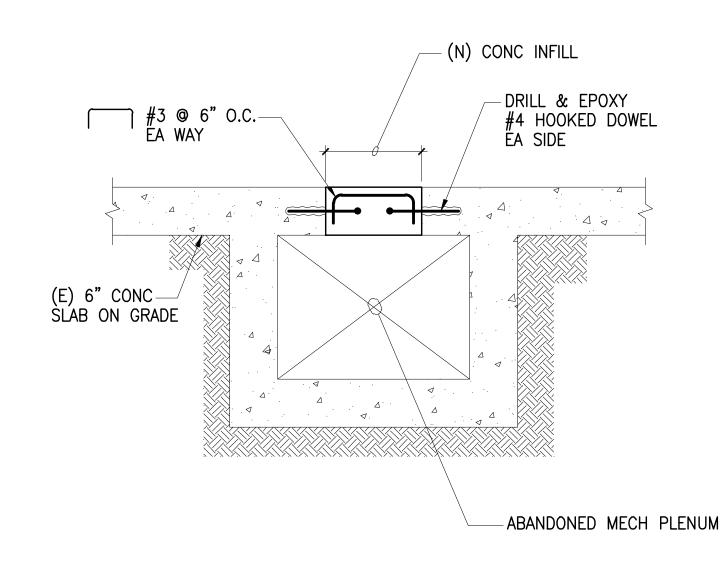
 $F_{P.MIN} = 0.3S_{DS}I_{P}W_{P}$  $E_V = 0.2S_{DS}W_P$ 

WHERE:  $I_D = 1.25 \text{ TYPICAL}$ 

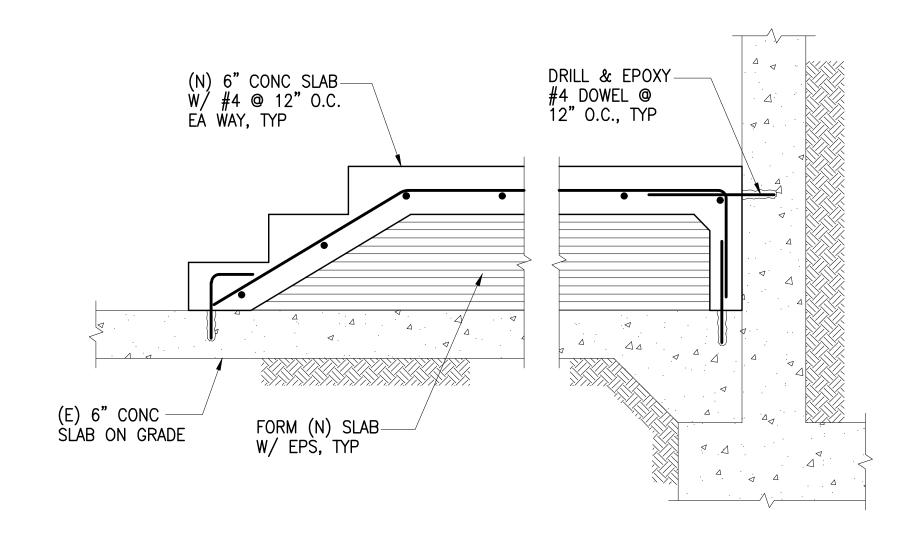
#### VIII. STRUCTURAL TESTS AND SPECIAL INSPECTIONS

- 1. CONDUCT TESTS AND INSPECTIONS AS REQUIRED BY CBC CHAPTER 17 INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
- 1.1 INSPECT REINFORCING STEEL MATERIALS AND PLACEMENT
- 1.2 REVIEW MIX DESIGN FOR PROJECT REQUIREMENTS & VERIFY USE
- 1.3 SAMPLE AND TEST CONCRETE
- 1.4 INSPECT AND TEST INSTALLATION OF POST-INSTALLED ANCHORS





(N) CONC INFILL AT (E) SLAB OPENING



(N) CONC SLAB STAIR/RAMP/LANDING

## TAYLOR design

www.WeAreTaylor.com 550 Montgomery St. Suite 925 2770 Historic Decatur Road San Francisco, CA 92614 CA 94111 San Diego, CA 92106 949.574.1325

**DESIGN PROFESSIONAL STAMP** 

**AGENCY APPROVAL** 

**REVISION SCHEDULE** NO. REVISION NAME

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX **LOCKER ROOM** 

REMODEL FACILITY NAME: FACILITY ADDRESS:

ARCHITECT PROJECT NO:

SHEET TITLE

900 FALLON STREET, OAKLAND, CA

DATE: 04/03/2020

SCALE: As indicated

LOCKER ROOM

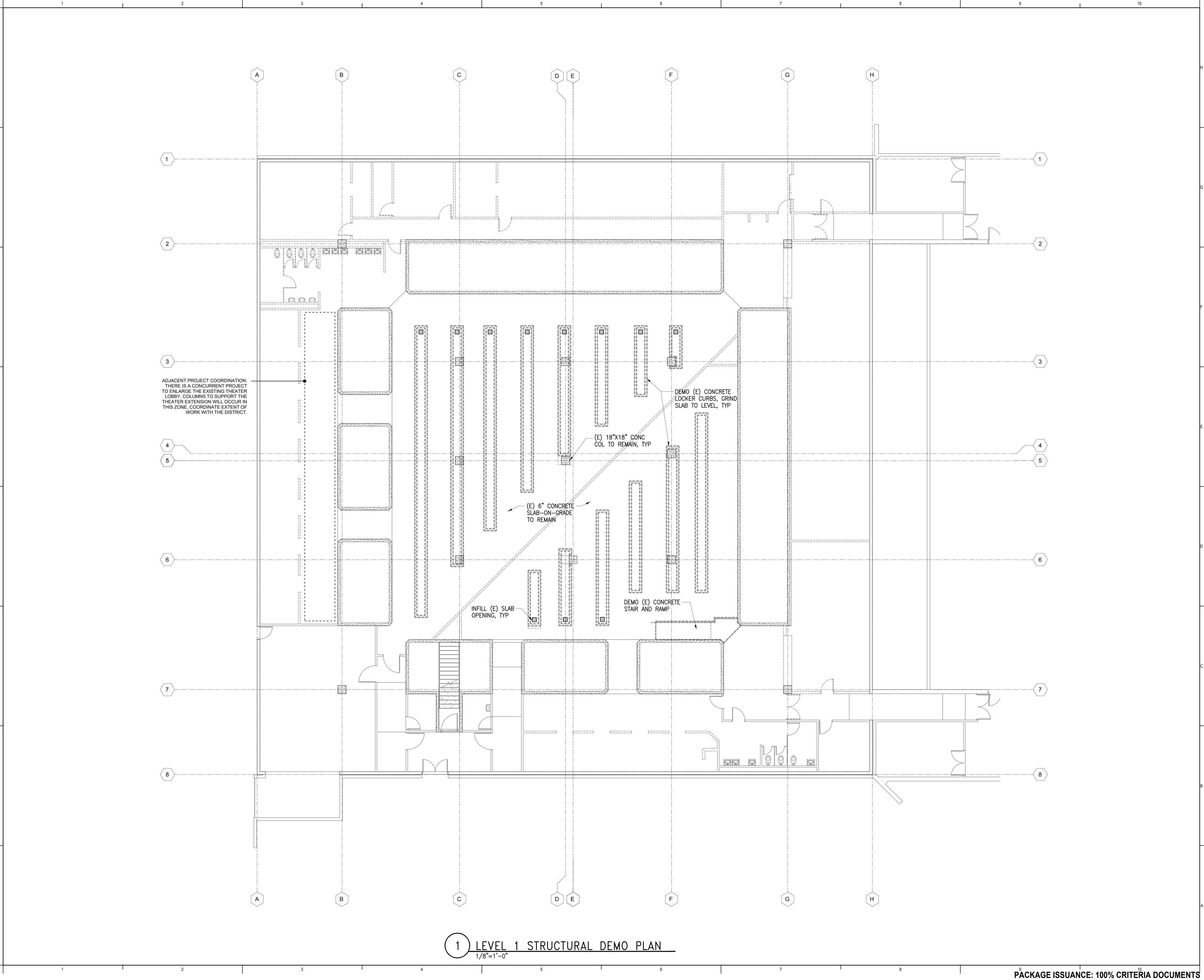
5514.100L

**TYPICAL DETAILS** 

UPDATE FOR RFP 08/10/2020 **GENERAL NOTES &** 

SHEET NUMBER

**S-001** 



DESIGN PROFESSIONAL STAMP

San FranciscoSan Diego550 Montgomery St. Suite 9252770 Historic Decatur RoadSan Francisco,Suite 206CA 94111San Diego, CA 92106415.992.4455619.398.0440 17850 Fitch Irvine, CA 92614 949.574.1325

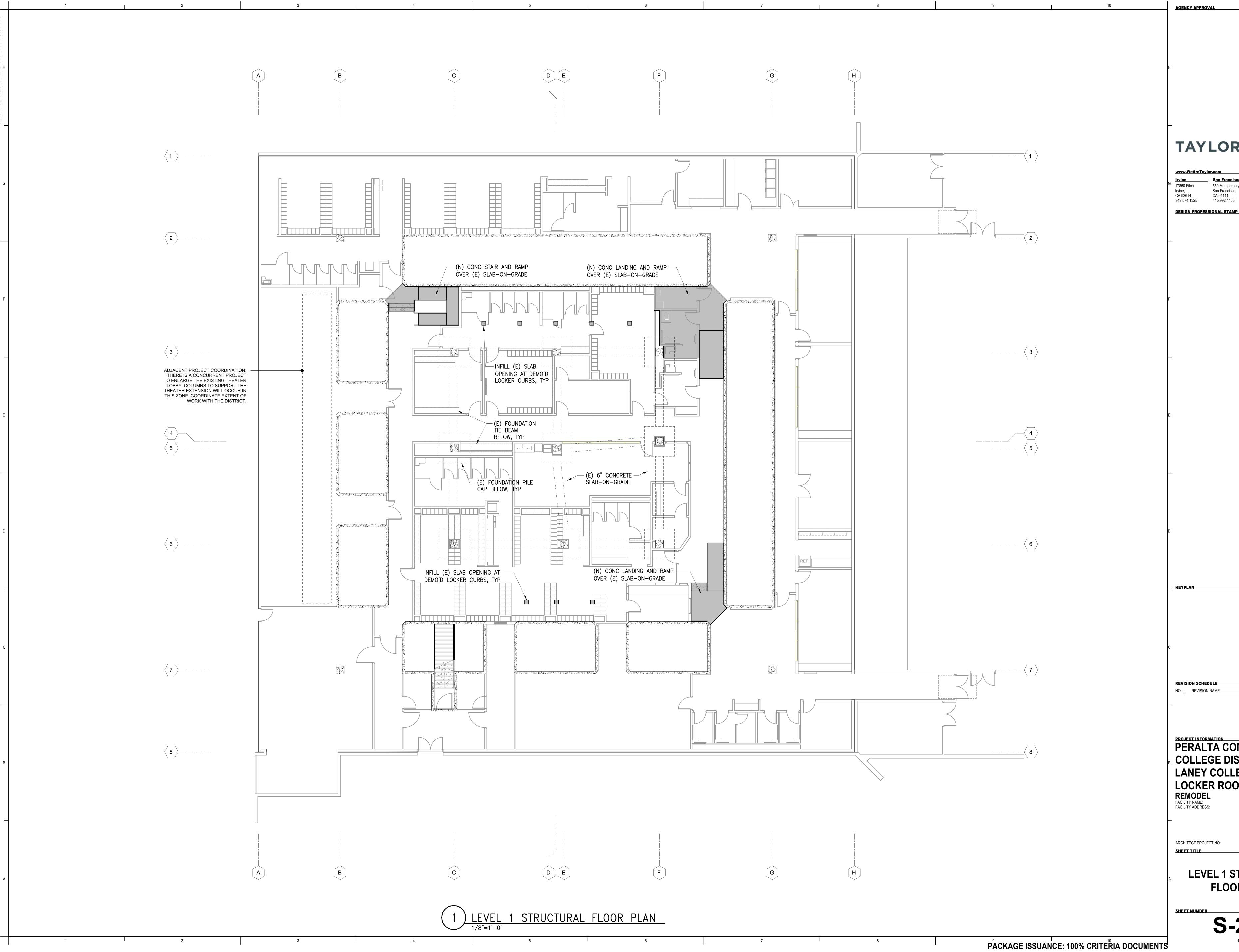
PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM
REMODEL
FACILITY NAME: LOCKEI
FACILITY ADDRESS: 900 FAL LOCKER ROOM 900 FALLON STREET, OAKLAND, CA 94607

ARCHITECT PROJECT NO:

UPDATE FOR RFP 08/10/2020 LEVEL 1 STRUCTURAL

**DEMO PLAN** 

**S-101** 



San FranciscoSan Diego550 Montgomery St. Suite 9252770 Historic Decatur RoadSan Francisco,Suite 206CA 94111San Diego, CA 92106415.992.4455619.398.0440

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM
REMODEL
FACILITY NAME: LOCKEI
FACILITY ADDRESS: 900 FAL

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO: UPDATE FOR RFP 08/10/2020

LEVEL 1 STRUCTURAL **FLOOR PLAN** 

**S-201** 

CONTINUATION

**EXPANSION JOINT** 

**EXPANSION LOOP** 

SQUARE FEET

SENSIBLE HEAT

SHUT OFF VALVE

STATIC PRESSURE

T, TEMP TEMPERATURE

#### GENERAL SEISMIC BRACING

- PROVIDE SEISMIC BRACING OF HVAC EQUIPMENT, DUCTWORK, AND PIPING IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST BUILDING CODE WITH AN IMPORTANCE FACTOR IDENTIFIED ON ARCHITECTURAL AND STRUCTURAL DOCUMENTS.
- B. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE ANCHOR TYPE AND INSTALLATION REQUIREMENTS.
- C. SUBMIT SEISMIC BRACING DETAILS FOR REVIEW.
- D. UNLESS THE STRUCTURAL DRAWINGS HAVE AN ENGINEERED SYSTEM, OR THE CONTRACTOR PROVIDES ENGINEERED SYSTEMS SIGNED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER, SUPPORT AND BRACE DUCTWORK, PIPING, AND APPURTENANCES WITH OSHPD PRE-APPROVED SYSTEMS (WHETHER AN OSHPD PROJECT OR NOT):
- 1. OPM-0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES, OR EQUAL.
- 2. OPM-0052-13 EATON/TOLCO SEISMIC BRACING & HANGERS.
- E. WITHOUT ANY EXCEPTIONS, BRACE EVERY RUN OF DUCT DESIGNED TO CARRY TOXIC OR EXPLOSIVE GASSES, OR USED FOR SMOKE CONTROL OR PRESSURIZATION AIR. FOR OTHER DUCTWORK BRACE EVERY RUN OF DUCT WITH A CROSS SECTIONAL AREA OF LARGER THAN 6 SQ.FT., EXCEPT THAT BRACING OF DUCTWORK WITH SUPPORT ROD LENGTH LESS THAN 12 INCHES IS NOT REQUIRED. ROD LENGTH SHALL BE AS MEASURED FROM TOP OF DUCT TO BOTTOM OF SUPPORT WHERE THE HANGER IS ATTACHED. SEISMIC BRACING, WHERE SHOWN ON DRAWINGS, IS THE MINIMUM REQUIRED; PROVIDE ADDITIONAL BRACING AS REQUIRED BY OPM-0043-13, OR EQUAL.
- WHERE BRACING IS REQUIRED, BRACE DUCTWORK FOR EACH STRAIGHT RUN OF DUCT WITH THE FOLLOWING REQUIREMENTS (SEE OPM-0043-13 FOR ADDITIONAL REQUIREMENTS):
  - 1. LONGITUDINAL BRACING: MINIMUM 1, WITH MAXIMUM SPACING OF 60'.
  - TRANSVERSE BRACING: MINIMUM TWO, WITH MAXIMUM SPACING OF 30', AT END OF DUCT RUNS HAVING MIN OF 2 SUPPORTS, AND AT EVERY DROP OR RISE EXCEPT FOR CONNECTION TO DIFFUSERS WHERE THE ELEVATION CHANGE OF CONNECTING DUCTWORK IS LESS THAN 24 INCHES.

#### GENERAL DEMOLITION NOTES

- A. VERIFY CONDITION OF EXISTING EQUIPMENT, EXACT SIZES AND LOCATION OF EXISTING DUCTS AND PIPING, ETC. BEFORE DEMOLITION WORK BEGINS. REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS TO ARCHITECT AND ENGINEER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
- B. SCHEDULE NEW AND DEMOLITION WORK IN ADVANCE WITH OWNER.
- C. REMOVE EXISTING HVAC EQUIPMENT AND ASSOCIATED MATERIALS AS SHOWN AND TURN OVER TO OWNER OR REMOVE FROM SITE, AS DIRECTED BY OWNER.
- D. COORDINATE CEILING REMOVAL WHICH IS REQUIRED FOR ACCESS TO WORK THAT IS NOT DESIGNATED FOR REMOVAL. NOTIFY ARCHITECT AND OWNER PRIOR TO COMMENCING REMOVAL OF EXISTING CEILING WHICH IS DETERMINED TO BE REQUIRED FOR REMOVAL WORK. REMOVE ONLY THAT PORTION NECESSARY TO ACCESS AND COMPLETE THE WORK. UPON COMPLETION OF THE ABOVE CEILING WORK, REPLACE CEILING TO MATCH EXISTING CEILING.
- E. NOTIFY OWNER UPON DISCOVERY OF ANY DUCT DEBRIS, MOLD, ETC. THAT REQUIRE ADDITIONAL CLEANING PRIOR TO RECONNECTING TO NEW DUCTS.

#### GENERAL MECHANICAL NOTES

- A. PROVIDE MISCELLANEOUS METALS AND MATERIALS FOR A COMPLETE INSTALLATION (IE. SUPPORT, BRACING, ETC.)
- B. PROVIDE EQUIPMENT SUBMITTAL, FOR REVIEW, IN ACCORDANCE WITH THE SPECIFICATIONS. DO NOT DELIVER TO THE JOB SITE ANY PRODUCTS WITHOUT PRIOR REVIEW BY THE ARCHITECT. SUBMIT ALL REQUIRED SUBMITTALS AT ONE TIME. AT CONTRACTOR'S OPTION, 3 SEPARATE SUBMITTALS MAY BE SUMBITTED, CONSISTING OF: UNDERGROUND WORK, BUILDING WORK, AND BUILDING AUTOMATION SYSTEM - DEVIATIONS WILL BE RETURNED WITHOUT REVIEW. INCOMPLETE SUBMITTALS WILL BE RETURNED WITHOUT REVIEW. ENGINEER WILL PROVIDE MAXIMUM OF TWO REVIEWS OF SUBMITTAL PACKAGE. ARRANGE FOR ADDITIONAL REVIEWS AND/OR EARLY REVIEW OF LONG-LEAD ITEMS AND BEAR COSTS OF THESE ADDITIONAL REVIEWS AT ENGINEER'S STANDARD HOURLY RATES. SUBSTITUTION REQUESTS WILL NOT BE REVIEWED AFTER AWARD OF CONTRACT.
- PROVIDE SMOKE DETECTORS IN MAIN SUPPLY AIR DUCT OF ANY SUPPLY AIR SYSTEM WITH AIR QUANTITY OF MORE THAN 2000 CFM OR OF SUPPLY AIR SYSTEMS WHERE THE COMBINED SUPPLY AIR QUANTITY OF SUPPLY AIR SYSTEMS SUPPLYING AIR INTO ONE ZONE EXCEED 2000 CFM, OR FOR SYSTEMS SHARING A COMMON RETURN AIR PLENUM/DUCT WHERE THE COMBINED SUPPLY AIR QUANTITY OF SUPPLY AIR SYSTEMS EXCEED 2000 CFM. DETECTORS MUST BE COMPATIBLE WITH THE BUILDING FIRE ALARM SYSTEM. DUCT SMOKE DETECTORS TO BE FURNISHED BY DIVISION 28 OR 26 AND **INSTALLED BY DIVISION 23.**
- D. WHERE COMBINATION FIRE AND SMOKE DAMPER IS SHOWN IMMEDIATELY BEHIND A WALL MOUNTED GRILLE AND THERE IS INSUFFICIENT ACCESS AT DUCTWORK. ENLARGE THE WIDTH OF THE GRILLE AND FSD BY A MINIMUM OF 6 INCHES, OR AS OTHERWISE REQUIRED BY FSD MANUFACTURER, AND PROVIDE A "FRONT ACCESS" FSD FOR ACCESS TO FSD COMPONENTS FROM FACE OF GRILLE. INSTALL GRILLE FLUSH WITH WALL SURFACE AND LOCATE DAMPER ACTUATOR OUTSIDE OF THE AIRSTREAM. FSD'S SHALL BE RUSKIN FSD-60FA OR EQUAL.
- PRIOR TO SUBMISSION OF BID, REVIEW A COMPLETE SET OF CONSTRUCTION DOCUMENTS (INCLUDING ALL OTHER TRADES). INCLUDE ADDITIONAL PIPE OR DUCT OFF-SETS THAT MAY BE REQUIRED TO CLEAR STRUCTURE, FINISHES OR WORK OF OTHER TRADES. FIELD VERIFY EXACT LOCATION AND SIZES OF EXISTING UTILITIES, THE PROPOSED POINT OF CONNECTIONS TO EXISTING SYSTEMS, AND NEW ROUTINGS. EXTRA PAYMENT WILL NOT BE ALLOWED FOR WORK RESULTING FROM LACK OF APPRAISAL OF ENTIRE SCOPE OF WORK PRIOR TO BID. SYSTEM LAYOUTS AS INDICATED ON DRAWINGS ARE GENERALLY DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION WILL PERMIT.
- F. PROVIDE DUCT ACCESS DOORS FOR EQUIPMENT AND DEVICES REQUIRING ACCESS OR RESETTING (IE. FIRE AND SMOKE DAMPERS, SMOKE DAMPERS, SENSORS, ETC.) INDICATE SIZE AND LOCATION ON COORDINATED SHOP DRAWINGS.
- G. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS TO SEAL WEATHER TIGHT (SEE ARCHITECTURAL ROOFING DETAILS AND SPECIFICATIONS).
- H. PROVIDE DUCTWORK AND TRANSITIONS EQUAL TO DUCT FREE AREA SHOWN ON DRAWINGS, TO PREVENT A SPATIAL CONFLICT. AT CONTRACTOR'S OPTION AND IF SPATIAL CONSTRAINTS ALLOW IT, ROUND SPIRAL DUCTWORK, OF EQUAL CROSS-SECTIONAL AREA OR LARGER, MAY BE USED IN LIEU OF RECTANGULAR DUCTWORK WHERE SHOWN ON PLANS.
- EQUIPMENT, HVAC DUCTS, PIPING AND OTHER DEVICES AND MATERIALS INSTALLED OUTDOORS OR EXPOSED TO WEATHER SHALL BE WEATHER PROOF.
- J. USE FLEXIBLE DUCTS ONLY FOR THE LAST 5 FEET MAXIMUM AT AIR OUTLETS, EXCEPT FOR OSHPD PROJECTS WHERE A MAXIMUM OF 10 FEET MAY BE USED. PER 2016 CMC-603.4.1 EXCEPT FOR RESIDENTIAL OCCUPANCIES DO NOT USE FLEXIBLE DUCTWORK IN LIEU OF ELBOWS OR FITTINGS.
- K. PROVIDE MANUAL VOLUME DAMPERS AT EACH GRILLE, REGISTER, AND DIFFUSER, AND LOCATE EQUIDISTANCE BETWEEN BRANCH TAKEOFF AND AIR INLET/OUTLET. DO NOT USE VOLUME DAMPERS INTEGRAL WITH GRILLES, DIFFUSERS AND REGISTERS FOR AIR BALANCING.
- INSTALL EQUIPMENT WITH SUFFICIENT ACCESS TO PANELS, ELECTRICAL CONNECTIONS, CONTROLS, FILTERS, MOTORS, ETC. COORDINATE ACCESS TO ALL DAMPERS, VALVES, AND OTHER SERVICEABLE EQUIPMENT. REVIEW CEILING HEIGHTS AND COORDINATE ACCESS PANEL LOCATIONS.
- M. COORDINATE EQUIPMENT PLATFORMS, AND CUTTING AND PATCHING. OBTAIN WRITTEN PERMISSION FROM THE ARCHITECT PRIOR TO ANY STRUCTURAL MODIFICATIONS, CUTTING OR PATCHING WORK. KEEP SAW CUTTING TO A MINIMUM.
- N. VERIFY DIFFUSERS, GRILLES, AND REGISTER MOUNTING FRAME TYPES WITH CONSTRUCTION TYPE AND CONFIGURATION.
- O. PAINT ALL VISIBLE INTERIOR PORTIONS OF DUCTWORK. SEE ARCHITECTURAL DRAWINGS.
- P. PROTECT AND ISOLATE DUCTS STORED ON CONSTRUCTION SITE FROM DUST CONTAMINATION.
- Q. COORDINATE LOCATION OF SENSORS AND THERMOSTATS WITH ARCHITECT. COMPLY WITH ADA REQUIREMENTS.
- R. "DEMOLISH" OR "REMOVE" MEAN: REMOVE AND RETURN TO OWNER FOR ACCEPTANCE, AND DISPOSE OF ANY ITEMS NOT ACCEPTED BY THE OWNER.
- S. SEE EQUIPMENT SCHEDULES FOR BRANCH PIPE SIZES TO EQUIPMENT, WHERE PIPE SIZES ARE NOT SHOWN ON PLANS.
- T. PROVIDE REMOTE DAMPER OPERATORS AS MANUFACTURED BY YOUNG REGULATOR COMPANY, MODEL 315 AND 270-275, OR EQUAL, FOR DAMPERS ABOVE INACCESSIBLE CEILINGS (SUCH AS GYPBOARD).
- U. COORDINATE WITH DIVISION 26 FOR LOCATION OF POWER AND LOCAL DISCONNECTS FOR MECHANICAL EQUIPMENT DEVICES. PROVIDE STARTERS FOR EQUIPMENT WITHOUT VFD'S, ECM MOTORS, OR EQUIPMENT WITHOUT INTEGRAL STARTERS.
- V. MAINTAIN MINIMUM ELECTRICAL CODE AND UNIT MANUFACTURER'S CLEARANCES TO ADJACENT CONSTRUCTION OR EQUIPMENT, PER CEC OR THE FOLLOWING TABLE:

<u>0-150 VOLT 150-600</u> NO LIVE OR GROUNDED PARTS 36 INCHES 36 INCHES

ON OPPOSITE SIDE GROUNDED PARTS ON OPPOSITE SIDE 36 INCHES 42 INCHES LIVE PARTS ON OPPOSITE SIDE 36 INCHES 48 INCHES

### SHEET INDEX

M-001 SYMBOLS LIST AND GENERAL NOTES - MECHANICAL M-002 SCHEDULES - MECHANICAL

M-101 LEVEL 1 ZONING PLAN - MECHANICAL

MD-121 LEVEL 1 DEMOLITION PLAN - MECHANICAL

M-121 LEVEL 1 PLAN - MECHANICAL

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INTERFACE ENGINEERING ENGINEERING

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PÄCKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

ARCHITECT PROJECT NO: 5514.100L UPDATE FOR RFP 08/10/2020 SYMBOLS LIST AND

**MECHANICAL** 

**KEYPLAN** 

**REVISION SCHEDULE** 

NO. REVISION NAME

SHEET NUMBER

**GENERAL NOTES -**

PERALTA COMMUNITY

LANEY COLLEGE TITLE IX

LOCKER ROOM

900 FALLON STREET, OAKLAND, CA

**COLLEGE DISTRICT** 

**LOCKER ROOM** 

REMODEL

FACILITY NAME:

FACILITY ADDRESS:

Note: Design Build team is responsible to confirm CUP upgrades when developing construction documentation. The below AHU Schedule was coordinated with the existing CUP system as of April 2020.

New suggested design to comply with CUP upgrades as of August 2020:

1 TSP INCLUDES FILTER DP

- 1. Design hot water coils for 130F supply water temperature. Implement sequences of operation based on ASHRAE Guideline 36 sequences.
- Provide HHW, DHW, and CHW metering to measure energy use.
- Recommend sizing chilled water coils for high delta-T (e.g. 22F-25F).

PROVIDE SEPARATE 110 V POWER SUPPLY FOR LIGHTING AND RECEPTACLES

									AIR	HAI	NDL	.ING	IU 6	TIV	SCH	<b>IED</b>	JLE												
		BASIS OF	DESIGN		-	•	-	SUPF	LY FAN		-	-	-	-					-	-	CHIL	LED WA	TER CO	OLING C	OIL	-			
										BHP	MHP				TOTAL	SENS			WATER							FACE			CHW MIN
				TOTAL	OSA	TSP	ESP	FAN	# OF	PER	PER	FAN	MAX	VFD	CAP	CAP	#		FLOW	EWT	LWT	EDB	EWB	LDB	LWB	VELOCITY	APD	WPD	BRANCH
SYMBOL	AREA SERVED	MFR	MODEL	CFM	CFM	(IN H2O)	(IN H2O)	TYPE	FANS	FAN	FAN	RPM	RPM	(Y/N)	(MBH)	(MBH)	ROWS	FPI	(GPM)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(FPM)	(IN H2O)	(FT H2O)	PIPE SIZE
AHU-S-1	LOCKER ROOMS	NORTEK AIR SOLUTIONS	TEMTROL	11400	11400	3.6	2		3	3.19	5	2328	3862	Y	437.8	421.7	5	9	72.7	44.0	56.0	89.0	66.0	53.5	52.4	467	0.34	4.66	
AHU-E-1	LOCKER ROOMS	NORTEK AIR SOLUTIONS	TEMTROL	11400	0	2.31	2		3	2.04	3	2070	3930	Y															
NOTEO																													

					HOT V	VATER H	<b>IEATING</b>	COIL					FINAL	FILTER		E	LEC	TRICAL	•			
MIN			WATER					FACE			HW MIN		THICK-	FACE	FINAL					APPROX.	MAX	
CAP	#		FLOW	EWT	LWT	EAT	LAT	VELOCITY	APD	WPD	BRANCH	EFF	NESS	VEL	PD					DIMS	WT	
ИВН)	ROWS	FPI	(GPM)	(°F)	(°F)	(°F)	(°F)	(FPM)	(IN H2O)	(FT H2O)	PIPE SIZE	MERV	(INCH)	(FPM)	(IN H2O)	VOLTS	PH	MCA	MOCP	(LxWxH)	(LBS)	NOTES
311.0	1	10	46.0	180	152.8	31	76.8	388.1	0.07	3.51		13	4"		1"	460	3	21		228"x110"x60"	9000	1, 2
	I	-	1	-	-	1	-	-1	-1	-	-1	-1	-	-		460	3	15		123"x104"x60"	5500	1, 2

																			-				<del>.</del>	
								TEF	RMI	NAL	. UN	IT	SCH	IEDU	LE									
		BASIS OF	FDESIGN		COC	LING	MIN.	DN						HOT WATE	R HEATING	COIL				SOUNI	DATA	ELECTR	RICAL	
				INLET	AIRF	LOW	INLET	STREAM	MAX	MIN			WATER						HW MIN					
				SIZE	MAX	MIN	SP	SP	HTG	CAP	#		FLOW	EWT	LWT	EAT	LAT	WPD	BRANCH	RAD	DISCH			
SYMBOL	AREA SERVED	MFR	MODEL	(IN)	CFM	CFM	(IN H2O)	(IN H2O)	CFM	(MBH)	ROWS	FPI	(GPM)	(°F)	(°F)	(°F)	(°F)	(FT H2O)	PIPE SIZE	NC	NC	VOLTS	PH	NOTES
CAV-01	MEN'S LOCKER	TITUS	DESV	14	1445	1445	0.35	1	1445	46.8	1	10	4.7	180	160	55	85	<10	3/4"			24	1	
CAV-02	STORAGE / HALL	TITUS	DESV	14	1620	1620	0.35	1	1620	52.5	1	10	5.2	180	160	55	85	<10	3/4"			24	1	
CAV-03	MEN'S ATTENDANT / LAUNDRY	TITUS	DESV	10	675	675	0.35	1	675	21.8	1	10	2.2	180	160	55	85	<10	3/4"			24	1	
CAV-04	COMMON SPACE	TITUS	DESV	8	365	365	0.35	1	365	11.8	1	10	1.2	180	160	55	85	<10	3/4"			24	1	
CAV-05	COMMON SPACE	TITUS	DESV	8	365	365	0.35	1	365	11.7	1	10	1.2	180	160	55	85	<10	3/4"			24	1	
CAV-06	STORAGE	TITUS	DESV	8	410	410	0.35	1	410	13.1	1	10	1.3	180	160	55	85	<10	3/4"			24	1	
CAV-07	WOMEN'S ATTENDANT / OFFICE	TITUS	DESV	8	295	295	0.35	1	295	9.4	1	10	0.9	180	160	55	85	<10	3/4"			24	1	
CAV-08	WOMEN'S LOCKER	TITUS	DESV	14	1415	1415	0.35	1	1415	45.9	1	10	4.6	180	160	55	85	<10	3/4"			24	1	
CAV-09	TRAINING ROOM	TITUS	DESV	14	1255	1255	0.35	1	1255	40.6	1	10	4.1	180	160	55	85	<10	3/4"			24	1	
CAV-10	TEAM	TITUS	DESV	10	555	555	0.35	1	555	17.9	1	10	1.8	180	160	55	85	<10	3/4"			24	1	
CAV-11	TEAM	TITUS	DESV	8	415	415	0.35	1	415	13.3	1	10	1.3	180	160	55	85	<10	3/4"			24	1	
CAV-12	TELECOM / STORAGE	TITUS	DESV	6	170	170	0.35	1	170	5.4	1	10	0.5	180	160	55	85	<10	3/4"		_	24	1	
NOTES:																								_

**TAYLOR** design

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DESIGN PROFESSIONAL STAMP

COLLEGE DISTRICT LANEY COLLEGE TITLE IX **LOCKER ROOM** REMODEL
FACILITY NAME:
FACILITY ADDRESS: LOCKER ROOM 900 FALLON STREET, OAKLAND, CA 94607

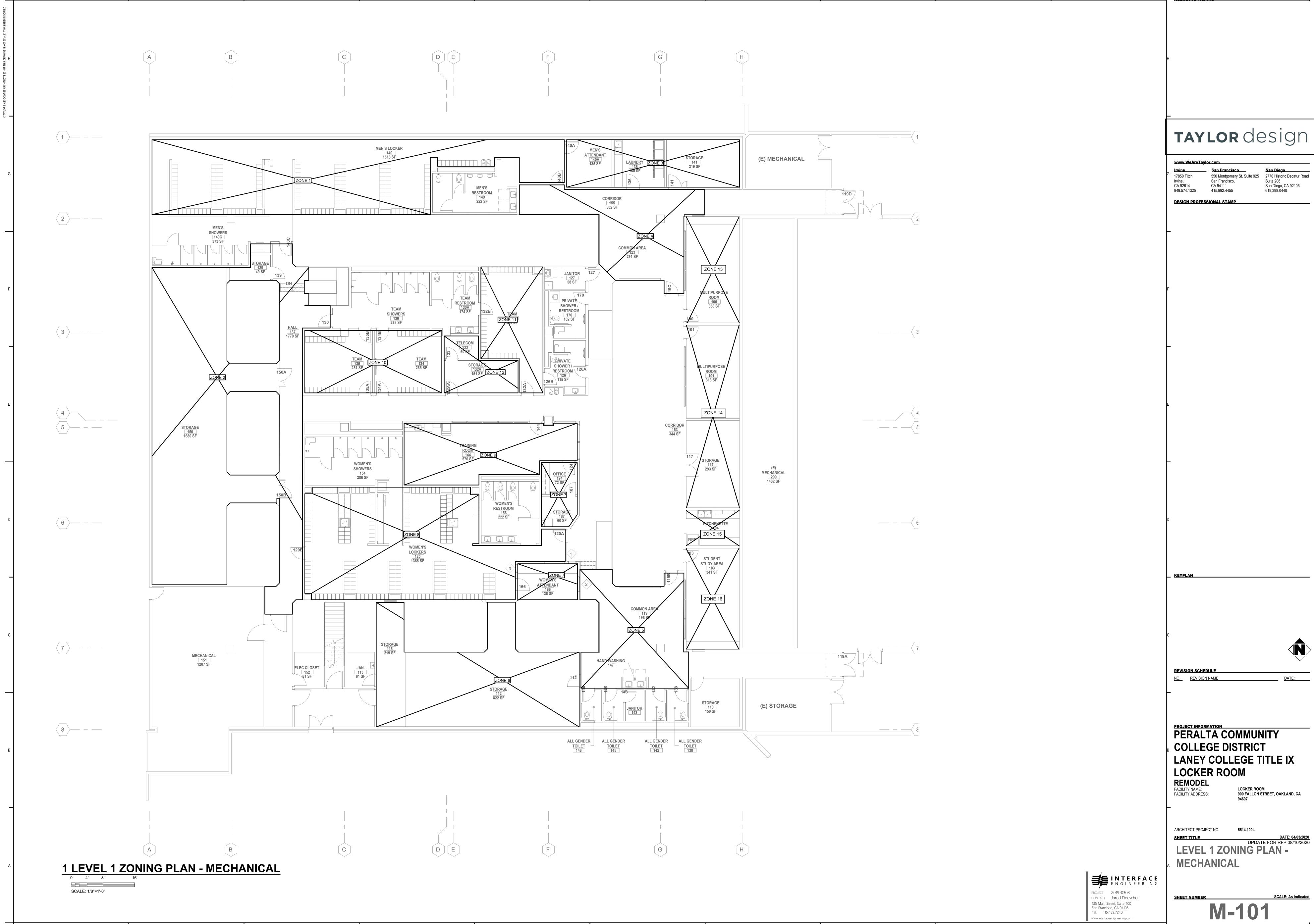
PERALTA COMMUNITY

ARCHITECT PROJECT NO:

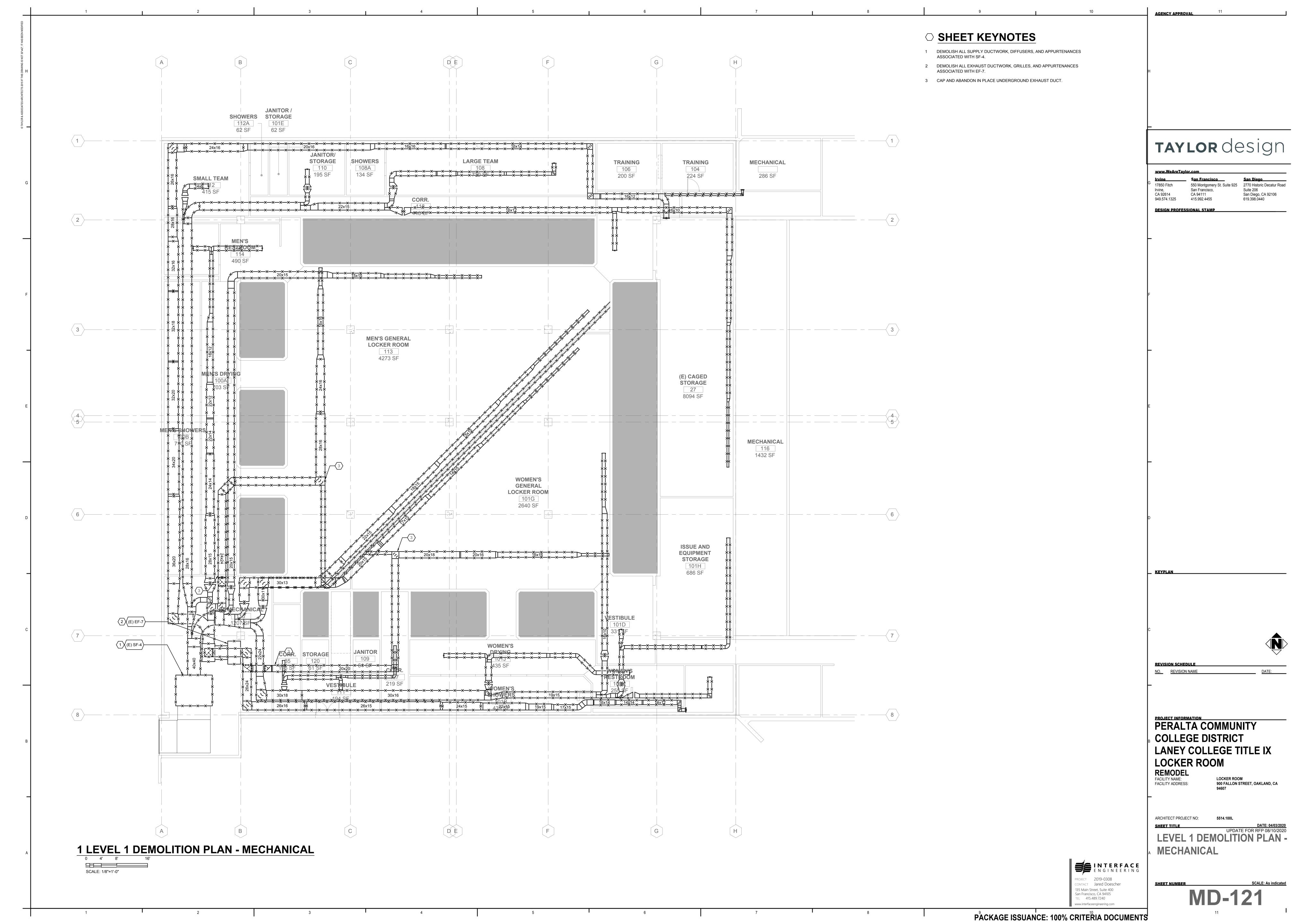
SHEET TITLE DATE: 04/03/2020
UPDATE FOR RFP 08/10/2020
SCHEDULES - MECHANICAL

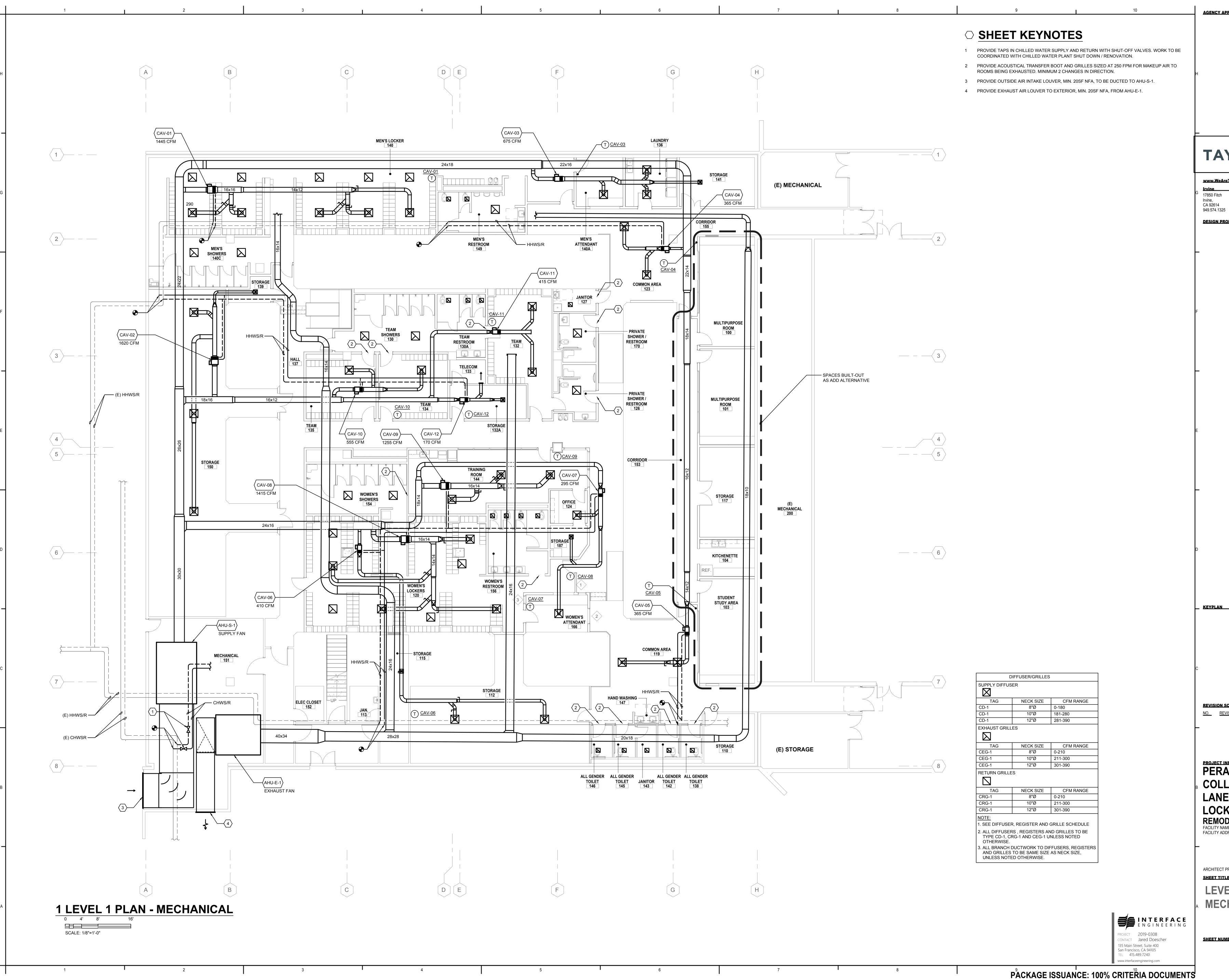
**M-002** 

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PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX **LOCKER ROOM** 

FACILITY NAME: FACILITY ADDRESS:

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO:

LEVEL 1 PLAN -**MECHANICAL** 

**M-121** 

# **Abbreviations**

ABANDON IN PLACE EXISTING

NEW RELOCATE / RELOCATED LOCATION

FOOT, FEET

AQUASTAT, ARCHITECT, ANCHOR, AMPHERE ABOVE FINISHED FLOOR

BELOW FINISHED FLOOR BACKFLOW PREVENTER

BUILDING

BRITISH THERMAL UNITS PER HOUR CONDENSATE DRAIN

CUBIC FEET PER HOUR CUBIC FEET PER SECOND

CO CLEANOUT CONTINUATION CHECK VALVE

COLD WATER DOUBLE CHECK VALVE ASSEMBLY

DOMESTIC EXPANSION TANK DRINKING FOUNTAIN DRAINAGE FIXTURE UNIT DOWNSPOUT

DISHWASHER, DOMESTIC WATER DRAINAGE, WASTE AND VENT

ELECTRIC WATER COOLER ELECTRIC WATER HEATER

FLOOR CLEANOUT FLOOR DRAIN

FINISHED FLOOR ELEVATION

FLUSH VALVE

GALLONS PER MINUTE GAS WATER HEATER

HOSE BIBB HEATING, VENTILATING AND AIR CONDITIONING

HOT WATER FIXTURE UNIT

HOT WATER RETURN

INVERT ELEVATION INDIRECT WASTE LAVATORY

MINIMUM MOP SINK MIXING VALVE

NOT IN CONTRACT

NTS NOT TO SCALE

OD OVERFLOW DRAIN, OUTSIDE DIAMETER OWNER FURNISHED, CONTRACTOR INSTALLED OWNER FURNISHED, OWNER INSTALLED

PLUMBING, PUMP

PRESSURE DROP, PLUMBING DEMOLITION, PUMPED DISCHARGE

FILE: P-001.DWG - P-001 | EDIT: 4/3/2020 10:01 AM BY JEREMYB | PLOT? 4/3/2020 10:03 AM BY JEREMY BOONE

POUNDS PER SQUARE INCH

ROOF DRAIN

REDUCED PRESSURE BACKFLOW PREVENTER RAINWATER LEADER S, SK SINK SHOCK ARRESTOR

SANITARY SERVICE BOX STORM DRAIN

SQUARE FEET

SHUT OFF VALVE SUMP PUMP, STATIC PRESSURE TEMPERATURE

TRAP PRIMER, TOTAL PRESSURE

VACUUM, VENT, VOLT VENT THRU ROOF

WASTE WATER COLUMN, WATER CLOSET

WALL CLEANOUT WATER HEATER, WALL HYDRANT WATER HAMMER ARRESTOR

WATER SUPPLY FIXTURE UNIT

\_\_\_\_\_ EXISTING WORK NEW WORK PIPE OR CONDUIT BELOW GRADE CONTINUATION

**EQUIPMENT IDENTIFICATION**  $\langle xx-x \rangle$ LOCATION EXTENT OF DEMOLITION

FIXTURE TAG (LEVEL BELOW FIXTURE)

KEYED NOTE

POINT OF CONNECTION

Piping Fittings

ACCESS PANEL AQUASTAT BLIND FLANGE

CLEANOUT TO GRADE — CONCENTRIC REDUCER

DSN DOWNSPOUT NOZZLE ECCENTRIC REDUCER

———

→ FCO FLOOR CLEANOUT FLOOR DRAIN FLOOR SINK

\_\_\_\_\_ FLOW DIRECTION HOSE BIBB / WALL HYDRANT

OVERFLOW ROOF DRAIN PIPE DROP

----PUMP **ROOF DRAIN** 

SHOCK ABSORBER / WATER HAMMER ARRESTOR

T&P RELIEF VALVE WITH PIPE TO DRAIN TEE DOWN ON PIPE

VENT THROUGH ROOF

**Piping Systems** 

HOT WATER PIPING

COLD WATER PIPING \_\_\_\_\_\_D\_\_\_\_ CONDENSATE / INDIRECT DRAIN PIPING

HOT WATER RETURN PIPING 

—————— NATURAL GAS PIPING, 7" WC PRESSURE

SANITARY VENT PIPING

OVERFLOW DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR

SANITARY WASTE OR SOIL PIPING BELOW GRADE OR FINISHED FLOOR STORM DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR

SANITARY WASTE OR SOIL PIPING ABOVE GRADE OR FINISHED FLOOR

STORM DRAIN PIPING BELOW GRADE OR FINISHED FLOOR

TRAP PRIMER PIPING

BACKFLOW PREVENTER

————— SHUTOFF VALVE, GENERAL

**GENERAL PLUMBING NOTES** 

A. THE CONTRACTOR SHALL REVIEW THE SITE PRIOR TO BID SUBMISSION & SHALL INCLUDE IN HIS BID, THE COST OF REPLACEMENT, REPAIR, RELOCATION & REMOVAL OF EXISTING PLUMBING ELEMENTS INCLUDING BUT NOT LIMITED TO PLUMBING PIPING AS REQUIRED TO COMPLETE INSTALLATION OF FUEL SYSTEM/WATER SYSTEM ON THESE DRAWINGS. SOME WORK MAY REQUIRE PREMIUM TIME TO AVOID DISRUPTION TO THE BUILDING ACTIVITIES AND PLUMBING SERVICES. CONTRACTOR SHALL CONFIRM THE REQUIREMENTS FOR PREMIUM TIME & INCLUDE THE COSTS IN HIS BID. THE CONTRACTOR BY SUBMITTING HIS BID PROPOSAL AGREES TO ACCEPT ALL EXISTING CONDITIONS. ALL EXCEPTIONS SHALL BE PROVIDED IN WRITING TO THE ENGINEERING MAINTENANCE MANAGER.

B. DEMOLITION & NEW CONSTRUCTION WORK SHALL BE PLANNED AND SCHEDULED TO MINIMIZE DISRUPTION OF ANY EXISTING SERVICES. ALL SERVICE DISRUPTIONS SHALL BE SCHEDULED & PLANNED WITH THE BUILDING MANAGEMENT PRIOR TO START OF ANY WORK. IN NO CASE SHALL ANY SERVICE DISRUPTION OCCUR WITHOUT PRIOR COORDINATION & WRITTEN APPROVAL OF BUILDING MANAGEMENT OR ENGINEERING MAINTENANCE MANAGER.

C. ALL SERVICE SHUTDOWNS/INTERRUPTIONS SHALL BE CAREFULLY PLANNED IN A PRACTICAL MANNER WITH REQUIRED SERVICES CLEARLY FLAGGED AS REQUIRED BY CONSTRUCTION MANAGER. NO CHANGES TO SCHEDULE SHALL BE MADE WITHOUT WRITTEN APPROVAL BY PROJECT MANAGER OR BUILDING

D. THE DRAWINGS SHOWING THE LOCATIONS OF PLUMBING PIPING ARE DIAGRAMMATIC & NOT EVERYTHING IS SHOWN (I.E., OFFSETS, ETC.) JOB CONDITIONS WILL NOT ALWAYS PERMIT THEIR INSTALLATION AT THE LOCATIONS SHOWN. THE PLUMBING DRAWINGS SHOW THE GENERAL ARRANGEMENT OF PIPING & SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE.

E. CONTRACTOR SHALL COORDINATE WITH ARCHITECT ALL CONSTRUCTION PHASING (IF ANY) AS IT APPLIES TO DEMOLITION & NEW WORK.

F. ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF LATEST GOVERNING LOCAL PLUMBING CODES AND BUILDING CODES.

G. CONTRACTOR SHALL PROVIDE DUST COVERS AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA AND KEEP DIRT AND DUST TO A MINIMUM.

H. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.

I. CLEAN ALL EXPOSED SURFACES AFTER COMPLETION TO LIKE NEW CONSTRUCTION.

J. EXISTING INFORMATION SHOWN ON FLOOR PLANS IS FROM THE BEST ASSUMPTIONS THAT PUT ON THE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD BEFORE COMMENCEMENT OF WORK. THE CONTRACTOR IS REQUIRED TO REPORT TO THE ARCHITECT DISCREPANCIES OR INCONSISTENCIES BETWEEN THE SPECIFIED DESIGN AND EXISTING CONDITIONS FOR CLARIFICATION PRIOR TO COMMENCEMENT OF THE WORK. ABSOLUTE ACCURACY OF THE DRAWINGS CANNOT BE GUARANTEED. WHILE EVERY EFFORT HAS BEEN MADE TO COORDINATE THE LOCATION OF EXISTING PIPING, ETC. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE EXACT REQUIREMENTS GOVERNED BY ACTUAL JOB CONDITIONS.

K. REPORT TO ARCHITECT IN WRITING, CONDITIONS WHICH WILL PREVENT PROPER PROVISION OF THIS WORK.

L. IN THE AREA OF THE NEW CONSTRUCTION WILL BE FOUND A NUMBER OF EXISTING SERVICES. PROTECT ALL ACTIVE LINES AND MAINTAIN THE SAME IN GOOD OPERATING CONDITION.

M. PROTECT EXISTING BUILDING STRUCTURES AND ADJACENT FINISHED SURFACES DURING CONSTRUCTION. PATCH REPAIR AND REFINISH EXISTING WORK DAMAGED BY WORK UNDER THIS DIVISION TO MATCH ADJACENT UNDISTURBED AREAS. PATCHING AND REFINISHING IS TO BE PERFORMED BY WORKMEN SKILLED IN THE TRADES INVOLVED. DO NOT CUT ANY STRUCTURAL MEMBERS WITHOUT THE REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER.

N. WHERE EXISTING PIPE SIZES ARE NOT SHOWN, CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE SIZE PRIOR TO COMMENCING WORK.

O. COORDINATE INSTALLATION OF PIPING, FIXTURES, EQUIPMENT AND THE LIKE BELOW AND ABOVE GRADE

P. COORDINATE FIXTURES, EQUIPMENT, PIPE ROUGH-IN/CONNECTION LOCATIONS AND DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS. Q. LOCATE VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILING SHALL BE WITHIN 18"

R. SEE PLUMBING FIXTURES FOR CONNECTION SIZES.

S. PROVIDE WATER HAMMER ARRESTERS FOR QUICK ACTING VALVES.

**SHEET INDEX** 

PD-121 LEVEL 1 DEMOLITION PLAN - PLUMBING

P-002 SCHEDULES - PLUMBING

P-121 LEVEL 1 PLAN - PLUMBING

P-001 SYMBOLS LIST AND GENERAL NOTES - PLUMBING

T. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS AND OTHER INDIRECT WASTE RECEPTORS SHALL BE PROVIDED

U. SANITARY SEWER AND GREASE WASTE LINES SHALL BE INSTALLED A MINIMUM OF 1/4" PER FOOT SLOPE.

**KEYPLAN** 

**REVISION SCHEDULE** NO. REVISION NAME

PERALTA COMMUNITY

**COLLEGE DISTRICT** LANEY COLLEGE TITLE IX **LOCKER ROOM** 

FACILITY NAME:

LOCKER ROOM FACILITY ADDRESS: 900 FALLON STREET, OAKLAND, CA

**TAYLOR** design

CA 94111

415.992.4455

DESIGN PROFESSIONAL STAMP

550 Montgomery St. Suite 925 2770 Historic Decatur Road

San Diego, CA 92106

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17850 Fitch

CA 92614 949.574.1325

ARCHITECT PROJECT NO:

SYMBOLS LIST AND **GENERAL NOTES -**

PROJECT 2019-0308 CONTACT Jared Doescher 135 Main Street, Suite 400 San Francisco, CA 94105 TEL 415.489.7240 www.interfaceengineering.com

P-001

**PLUMBING** INTERFACE ENGINEERING

				BASIS OF	DESIGN		CONNE	CHON		1
SYMBOL	FIXTURE TYPE	DESCRIPTION	MFR	MODEL	ACCESSORIES	W	V	CW	HW	NOTES
DF-1	DRINKING FOUNTAIN	WALL MOUNTED, SINGLE BOWL, 18 GAUGE STAINLESS STEEL, SATIN FINISH, VANDAL RESISTANT BUBBLER, FRONT PUSH BUTTON. PROVIDE WITH WALL PLATE	ELKAY	EDFPVR214C		1-1/2"	1-1/2"	1/2"		
JS-1	MOP SINK	FLOOR MOUNTED, ONE PIECE MOLDED STRUCTURAL FIBERGLASS, 24-INCHES X 24-INCHES X 10-INCHES	MUSTEE	63M	FAUCET (MOP SINK): CHICAGO 540-LD897SWXFABCP (PROVIDE WITH CHICAGO GCJKABCP INTEGRAL CHECKS)	3"	2"	1/2"	1/2"	
L-1	LAVATORY	WALL MOUNTED, VITREOUS CHINA, 3-HOLE PUNCH, 4-INCH CENTERS, FRONT OVERFLOW	AMERICAN STANDARD	355.012		1-1/2"	1-1/2"	1/2"	1/2"	
L-2	LAVATORY	PEDASTAL MOUNTED, VITREOUS CHINA, FAUCET LEDGE, 3-HOLE PUNCH, 4-INCH CENTERS, REAR OVERFLOW	AMERICAN STANDARD	236.411		1-1/2"	1-1/2"	1/2"	1/2"	
SH-1	SHOWER	ONE PIECE, 37-1/4-INCHES X 36-INCHES X 79-1/4-INCHES, SLIP-RESISTANT TEXTURED BOTTOM	COMFORT DESIGNS	XS1363 CNTAC	SHOWER VALVE (SINGLE HANDLE, 1.5 GPM, INTEGRAL CHECKS): ZURN Z7301-SS-MT-S9	2"	1-1/2"	1/2"	1/2"	
U-1	URINAL	WALL MOUNTED, VITREOUS CHINA, TOP SPUD, FLUSHOMETER, STANDARD MOUNTING HEIGHT	AMERICAN STANDARD	6590.001	FLUSH VALVE (MANUAL, 0.5 GPF, DIAPHRAGM): SLOAN 186-0.5	2"	1-1/2"	3/4"		
WC-1	WATER CLOSET	FLOOR MOUNTED, VITREOUS CHINA, TOP SPUD, FLUSHOMETER, STANDARD HEIGHT	AMERICAN STANDARD	2234.001	FLUSH VALVE (MANUAL, 1.28 GPF, DIAPHRAGM): SLOAN 111-1.28  SEAT (COMMERCIAL WEIGHT, HEAVY-DUTY SOLID PLASTIC WITH STAINLESS STEEL CHECK HINGE): CHURCH 9400SSCT	4"	2"	1"		
WC-2	WATER CLOSET	FLOOR MOUNTED, VITREOUS CHINA, TOP SPUD, FLUSHOMETER, BARRIER FREE HEIGHT	AMERICAN STANDARD	3043.001	FLUSH VALVE (MANUAL, 1.28 GPF, DIAPHRAGM): SLOAN 111-1.28  SEAT (COMMERCIAL WEIGHT, HEAVY-DUTY SOLID PLASTIC WITH STAINLESS STEEL CHECK HINGE): CHURCH 9400SSCT	4"	2"	1"		

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NO. REVISION NAME

PERALTA COMMUNITY COLLEGE DISTRICT LANEY COLLEGE TITLE IX LOCKER ROOM REMODEL FACILITY NAME: FACILITY ADDRESS: LOCKER ROOM 900 FALLON STREET, OAKLAND, CA 94607

ARCHITECT PROJECT NO: SHEET TITLE DATE: 04/03/2020
UPDATE FOR RFP 08/10/2020
SCHEDULES - PLUMBING

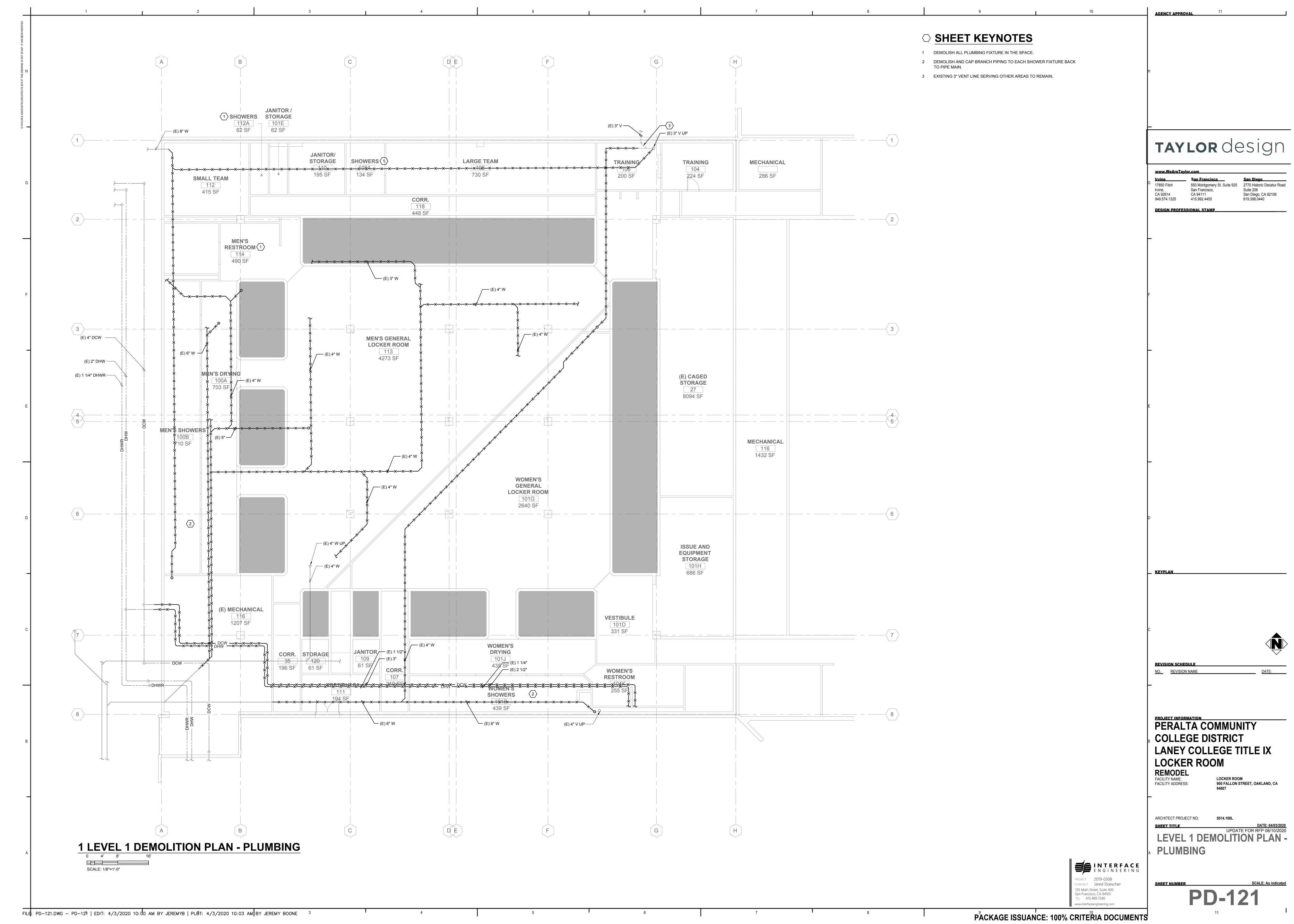
INTERFACE ENGINEERING PROJECT 2019-0308
CONTACT Jared Doescher
135 Main Street, Suite 400
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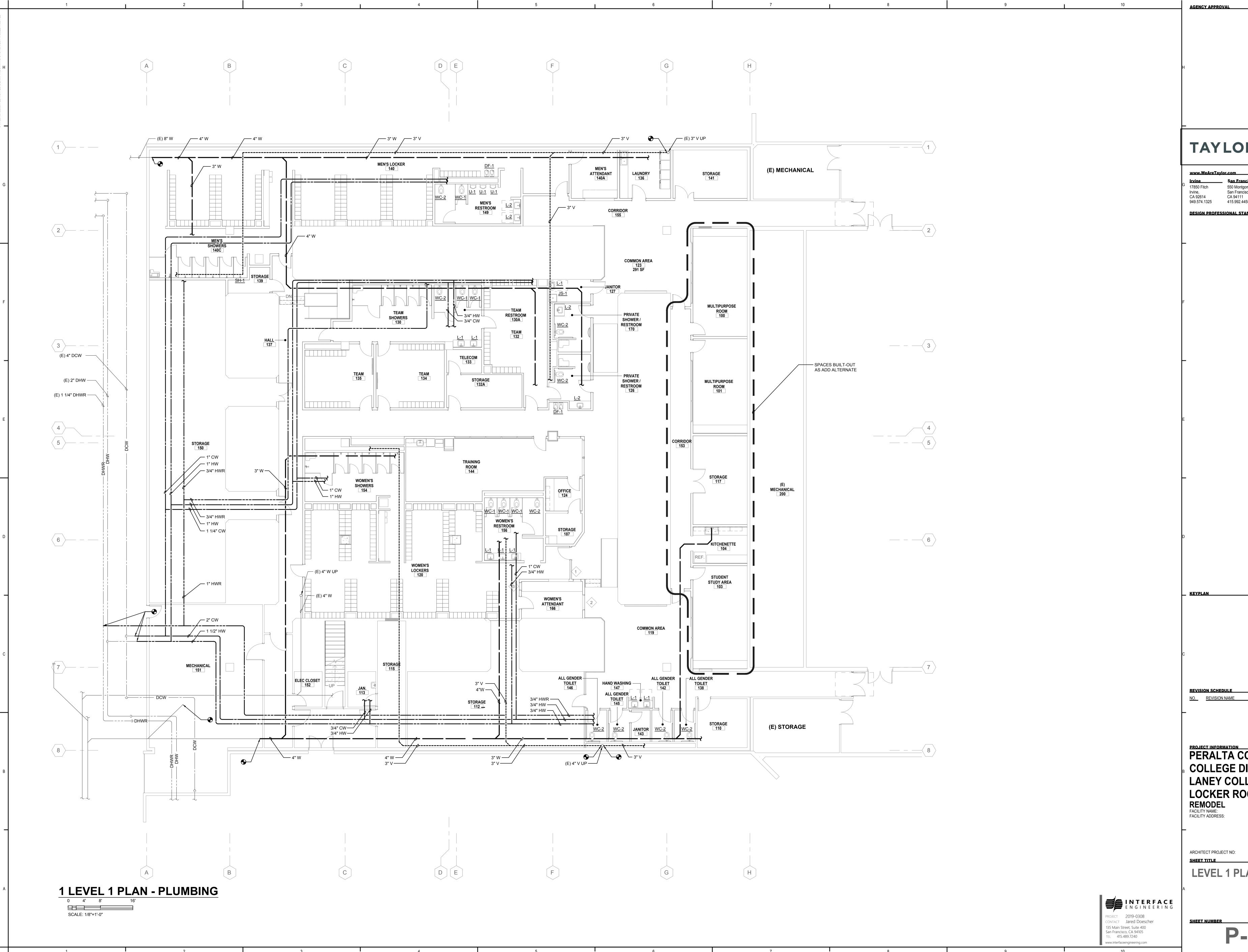
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P-002

PACKAGE ISSUANCE: 100% CRITERIA DOCUMENTS

FILE: P-002.DWG - P-002 | EDIT: 4/3/2020 10:00 AM BY JEREMYB | PLOT 4/3/2020 10:03 AM BY JEREMY BOONE 3





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PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX **LOCKER ROOM** 

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

SHEET TITLE DATE: 04/03/2020
UPDATE FOR RFP 08/10/2020
LEVEL 1 PLAN - PLUMBING

P-121

	_	
	С	
EFLECTED CEILING PLAN	В	

		LUMINAIRE SCHE	DULE					
					LAMP			
TYPE	MANUFACTURER/CATALOG	DESCRIPTION	MOUNTING	NO.	TYPE	VOLTS	WATTS	REMARKS
<u>A</u>	ACUITY / LITHONIA LIGHTING VTL4-30L-ADP-EZ1-LP935-N80-DGA14	1'x4' RECESSED; 3000 LUMEN OUTPUT; ACRYLIC LINEAR PRISMATIC DIFFUSER; ELDO 1% 0-10V DIMMING DRIVER; 3500K CCT; 90 CRI; NLIGHT WITH 80% LUMEN MANAGEMENT; DRYWALL ADAPTOR KIT.	RECESSED		LED	120 / 277	26.6	
<u>AE</u>	ACUITY / LITHONIA LIGHTING VTL4-30L-ADP-EZ1-LP935-N80-E10WLCP-DGA14	1'x4' RECESSED; 3000 LUMEN OUTPUT; ACRYLIC LINEAR PRISMATIC DIFFUSER; ELDO 1% 0-10V DIMMING DRIVER; 3500K CCT; 90 CRI; NLIGHT WITH 80% LUMEN MANAGEMENT; DRYWALL ADAPTOR KIT; 90-MIN EMERGENCY BATTERY.	RECESSED		LED	120 / 277	26.6	
<u>B</u>	ACUITY / LITHONIA LIGHTING 2VTL2-33L-ADP-EZ1-LP935-N80	2'x2' RECESSED; 3300 LUMEN OUTPUT; ACRYLIC LINEAR PRISMATIC DIFFUSER; ELDO 1% 0-10V DIMMING DRIVER; 3500K CCT; 90 CRI; NLIGHT WITH 80% LUMEN MANAGEMENT; DRYWALL ADAPTOR KIT.	RECESSED		LED	120 / 277	26.3	
<u>BE</u>	ACUITY / LITHONIA LIGHTING 2VTL2-33L-ADP-EZ1-LP935-N80-E10WLCP	2'x2' RECESSED; 3300 LUMEN OUTPUT; ACRYLIC LINEAR PRISMATIC DIFFUSER; ELDO 1% 0-10V DIMMING DRIVER; 3500K CCT; 90 CRI; NLIGHT WITH 80% LUMEN MANAGEMENT; DRYWALL ADAPTOR KIT; 90-MIN EMERGENCY BATTERY.	RECESSED		LED	120 / 277	26.3	
<u>C</u>	ACUITY / LITHONIA LIGHTING VTL4-30L-ADP-EZ1-LP935-N80	1'x4' RECESSED; 3000 LUMEN OUTPUT; ACRYLIC LINEAR PRISMATIC DIFFUSER; ELDO 1% 0-10V DIMMING DRIVER; 3500K CCT; 90 CRI; NLIGHT WITH 80% LUMEN MANAGEMENT.	T-BAR	-	LED	120 / 277	26.6	
<u>CE</u>	ACUITY / LITHONIA LIGHTING VTL4-30L-ADP-EZ1-LP935-N80-E10WLCP	1'x4' RECESSED; 3000 LUMEN OUTPUT; ACRYLIC LINEAR PRISMATIC DIFFUSER; ELDO 1% 0-10V DIMMING DRIVER; 3500K CCT; 90 CRI; NLIGHT WITH 80% LUMEN MANAGEMENT; 90-MIN EMERGENCY BATTERY.	T-BAR	-	LED	120 / 277	26.6	
<u>D</u>	ACUITY / LITHONIA LIGHTING LDN6-35/15-LO6-AR-LSS-MVOLT-GZ1-NPS80EZ- 90CRI	6" OPEN DOWNLIGHT; 3500K CCT; 1500 LUMEN OUTPUT; CLEAR TRIM COLOR; SEMI-SPECULAR FINISH; ELDO 1% 0-10V DIMMING DRIVER; NLIGHT LUMEN COMPENSATION; 90 CRI.	RECESSED	-	LED	120 / 277	17.5	WET LISTED.
<u>DE</u>	ACUITY / LITHONIA LIGHTING LDN6-35/15-LO6-AR-LSS-MVOLT-GZ1-E10WCP- NPS80EZ-90CRI	6" OPEN DOWNLIGHT; 3500K CCT; 1500 LUMEN OUTPUT; CLEAR TRIM COLOR; SEMI-SPECULAR FINISH; ELDO 1% 0-10V DIMMING DRIVER; 90-MIN EMERGENCY BATTERY; NLIGHT LUMEN COMPENSATION; 90 CRI.	RECESSED	-	LED	120 / 277	17.5	WET LISTED.
<u>D1</u>	ACUITY / LITHONIA LIGHTING LDN6-35/07-LO6-AR-LSS-MVOLT-GZ1-NPS80EZ- 90CRI	6" OPEN DOWNLIGHT; 3500K CCT; 50 LUMEN OUTPUT; CLEAR TRIM COLOR; SEMI-SPECULAR FINISH; ELDO 1% 0-10V DIMMING DRIVER; NLIGHT LUMEN COMPENSATION; 90 CRI.	RECESSED	-	LED	120 / 277	8.9	WET LISTED.
D1E	ACUITY / LITHONIA LIGHTING LDN6-35/07-LO6-AR-LSS-MVOLT-GZ1-E10WCP- NPS80EZ-90CRI	6" OPEN DOWNLIGHT; 3500K CCT; 50 LUMEN OUTPUT; CLEAR TRIM COLOR; SEMI-SPECULAR FINISH; ELDO 1% 0-10V DIMMING DRIVER; 90-MIN EMERGENCY BATTERY; NLIGHT LUMEN COMPENSATION; 90 CRI.	RECESSED	-	LED	120 / 277	8.9	WET LISTED.
<u>F</u>	FINELITE HPT-RSE-4'x4'-S-935-96-277-SC-FC-1%-DTO-C1- 96LG	4'x4' ENHANCED RECESSED "ARTIFICIAL SKYLIGHT"; STANDARD 8332 LUMEN OUTPUT; 90 CIR; 3500K CCT; 96 LOW GLOSS WHITE REFLECTOR; SINGLE CIRCUIT; FACTORY CHOICE 1% 0-10V DIMMING DRIVER; 1" T-BAR MOUNTING; 96 LOW GLOSS FINISH.	T-BAR	-	LED	277	55.8	
<u>G</u>	ACUITY / LITHONIA LIGHTING STL4-30L-EZ1-LP835-N80	4' WRAPAROUND; 3000 LUMEN OUTPUT; ELDO 1% 0-10V DRIVER; 80 CRI; 3500K CCT; NLIGHT 80% LUMEN MANAGEMENT; WHITE FINISH.	SURFACE	-	LED	120 / 277	26.7	
<u>GE</u>	ACUITY / LITHONIA LIGHTING STL4-30L-EZ1-LP835-N80-E10WLCP	4' WRAPAROUND; 3000 LUMEN OUTPUT; ELDO 1% 0-10V DRIVER; 80 CRI; 3500K CCT; NLIGHT 80% LUMEN MANAGEMENT; WHITE FINISH; 90-MIN EMERGENCY BATTERY.	SURFACE	-	LED	120 / 277	26.7	
<u>H</u>	ACUITY / LITHONIA LIGHTING ZL1D-L48-3000LM-FST-MVOLT-35K-80CRI-WH- ZACVH	4' STRIP LIGHT; NO REFLECTOR; 3000 LUMEN OUTPUT; 0-10V DIMMING DRIVER; DROP LENS; 3500K CCT; 80 CRI; SELF-DIAGNOSTIC EM BATTERY; WHITE FINISH; 10' AIRCRAFT CABLE.	SUSPENDED	-	LED	120 / 277	30.0	
<u>X1</u>	ACUITY / LITHONIA LIGHTING TLE-1-R-EL-N	SINGLE FACE EXIT SIGN; GREEN FACE; 90 MIN EM BATTERY.	SURFACE	-	LED	120 / 277	2	
<u>X2</u>	ACUITY / LITHONIA LIGHTING TLE-1-R-EL-N	SINGLE FACE EXIT SIGN; GREEN FACE; 90 MIN EM BATTERY.	SURFACE	-	LED	120 / 277	2	

	M	ECHANICAL SO	CHEDUI	LE		
DESCRIPTION (	VOLTAGE/PHASE	EQUIPMENT	НР	FLA	KVA	REMARKS
AHU-S-1	460V / 3PH	AIR HANDLER UNIT	15.00	18.70	15.55	VIA FACTORY SUPPLIED VFD. CONTRACTOR SHALL ALSO PROVIDE [2] 120V CONNECTIONS: [1] FOR FACTORY SUPPLIED RECEPTACLE; [1] FOR FACTORY SUPPLIED LIGHTING.
AHU-E-1	460V / 3PH	AIR HANDLER UNIT	7.50	13.6	11.31	VIA FACTORY SUPPLIED VFD. CONTRACTOR SHALL ALSO PROVIDE [2] 120V CONNECTIONS: [1] FOR FACTORY SUPPLIED RECEPTACLE; [1] FOR FACTORY SUPPLIED LIGHTING.

	ABBREV	IATION	NS
	1 PHASE, 3 PHASE 1 POLE, 2 POLE, 3 POLE 3 WIRE, 4 WIRE DEMO, DEMOLISH EXISTING EXISTING RELOCATED NEW RELOCATE	MCA MCB MCC MLO MOCP	-M- MINIMUM CIRCUIT AMPACITY MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MAIN LUGS ONLY MAXIMUM OVER-CURRENT PROTECTION EMPTY CONDUIT W/ PULL-LINE
A, AMPS AC AF AFF AIC  AL, ALUM ATS AT AWG	-A- AMPERES ALTERNATING CURRENT FRAME RATING IN AMPERES ABOVE FINISHED FLOOR AMPERES INTERRUPTING CAPACITY ALUMINUM AUTO TRANSFER SWITCH TRIP RATING IN AMPERES AMERICAN WIRE GAUGE	NC NCTC NEC NEMA NIES NL NO NTS	-N- NORMALLY CLOSED NURSE CALL TERMINAL CABINE NATIONAL ELECTRIC CODE NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION NOT INCLUDED IN ELECTRICAL SCOPE NIGHT LIGHT NORMALLY OPEN NOT TO SCALE
BTR  C CB,C/B CEC CT CU	-B- BUILDING TELECOM ROOM  -C- CONDUIT CIRCUIT BREAKER CALIFORNIA ELECTRICAL CODE CURRENT TRANSFORMER COPPER	OCP OFCI OFOI PT PVC	-O- OVER-CURRENT PROTECTION OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED OWNER INSTALLED -P- POTENTIAL TRANSFORMER POLYVINYL CHLORIDE CONDUIT
DC	-D- DIRECT CURRENT -E-	RLA RSC	-R- RUNNING LOAD AMP RIGID STEEL CONDUIT
EA ELEC EMT FA FACP FATC FLA FT	EACH ELECTRICAL ELECTRICAL METALLIC TUBING  -F- FIRE ALARM FIRE ALARM CONTROL PANEL FIRE ALARM TERMINAL CABINET FULL LOAD AMPS FOOT OR FEET	SPD SPDT SPST SST TER TR TM	-S- SURGE PROTECTION DEVICE SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW SOLID STATE TRIP  -T- TELECOM EQUIPMENT ROOM TELECOM ROOM THERMAL MAGNETIC
G, GND GA GFCI GFI	-G- GROUND GAUGE GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER	TTB UG UL UON UPS	TERMINAL BACKBOARD  -U- UNDERGROUND UNDERWRITERS LAB. UNLESS OTHERWISE NOTED UNINTERRUPTIBLE POWER
HOA HP	-H- HAND-OFF-AUTO HORSE POWER	V VA VAC	SUPPLY  -V-  VOLTS  VOLT-AMPS  VOLTS ALTERNATE CURRENT
J-BOX KVA KW	-K- ONE THOUSAND VOLT-AMPS ONE THOUSAND WATTS	W WP	-W- WATTS WEATHERPROOF
LCP LTG	<b>-L-</b> LIGHTING CONTROL PANEL LIGHTING	XFMR XFER	-X- TRANSFORMER TRANSFER SWITCH

		SHEET INDEX
:	SHEET	DESCRIPTION
	E-001	ABBREVIATIONS, SYMBOLS, LUMINAIRE SCHEDULE, MECHANICAL SCHEDULE, SHEET INDEX
	E-101	BASEMENT FLOOR PLAN - DEMOLITION POWER AND SIGNAL
	E-121	BASEMENT FLOOR PLAN - DEMOLITION LIGHTING
	E-201	BASEMENT FLOOR PLAN - NEW POWER AND SIGNAL
	E-221	BASEMENT FLOOR PLAN - NEW LIGHTING
	E-301	ONE LINE DIAGRAM, PANEL SCHEDULES
	E-401	DETAILS
	E-402	DETAILS

	STANDARD ELECTRICAL SYMBOLS
SYMBOL	DESCRIPTION
0	SURFACE MOUNTED LUMINAIRE.
	RECESSED DOWNLIGHT LUMINAIRE.
	SUSPENDED LUMINAIRE.  RECESSED MOUNTED LUMINAIRE.
	LUMINAIRE SHADING INDICATES LUMINAIRE CONNECTED TO EMERGENCY OR
	BATTERY POWER SOURCE.
<u>B</u>	LUMINAIRE TAG, LETTER INDICATES TYPE, SEE LUMINAIRE SCHEDULE.
S SUBSCRIPTS	SINGLE POLE TOGGLE SWITCH, MOUNTED +48" MAX AFF TO TOP OF BOX.  LIGHTING CONTROLS SUBSCRIPTS DESIGNATE THE FOLLOWING:
3W a,b,c	= 3-WAY SWITCH = LIGHTING/DEVICE CONTROL
K	= KEYED
MC T WP	= MOMENTARY CONTACT = THERMAL OVERLOAD PROTECTED = WEATHERPROOF
T	1-POLE DIMMING CONTROL, WALL MOUNTED +48" MAX AFF TO TOP OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE, TERMINATE W/ INSULATED BUSHING. <u>nLIGHT #nPODM DX WH</u>
O1 <b>—</b> 1	AUTOMATIC "ON/OFF" DUAL TECHNOLOGY OCCUPANCY SENSOR W/ DIMMING CONTROL, WALL MOUNTED +48" MAX AFF TO TOP OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE, TERMINATE W/ INSULATED BUSHING. nLIGHT #nWSX PDT LV DX WH
OS-H	AUTOMATIC "ON/OFF" DUAL TECHNOLOGY OCCUPANCY SENSOR W/ "ON/OFF" SWITCH, MOUNTED +48" MAX AFF TO TOP OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE, TERMINATE W/ INSULATED BUSHING. nLIGHT #nWSX PDT LV WH
05)	AUTOMATIC "ON/OFF" CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR. <u>nLIGHT #nCM PDT 9</u>
PL	PLUG LOAD CONTROL POWER PACK ATTACHED TO J-BOX ABOVE CEILING, SEE WIRING DIAGRAM. <u>nLIGHT #nPP20 PL T24</u>
ADR	AUTOMATED DEMAND RESPONSE CLIENT INTERFACE, SEE WIRING DIAGRAM. <u>nLIGHT #nADR</u>
<del>\$</del>	20 AMP 125V 3W DUPLEX CONVENIENCE RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX.
<del>+</del>	20 AMP 125V 3W DOUBLE DUPLEX CONVENIENCE RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX.
#	20 AMP 125V 3W DUPLEX CONVENIENCE RECEPTACLE W/ GROUND FAULT INTERRUPTER, MOUNTED +15" MIN AFF TO BOTTOM OF BOX.
<b>\Display</b>	20 AMP 125V 3W HALF-CONTROLLED PLUG LOAD DUPLEX RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX. RECEPTACLE SHALL BE PERMANENTLY IDENTIFIED FOR HALF-CONTROLLED.
<del>-</del>	20 AMP 125V 3W DOUBLE DUPLEX RECEPTACLE, PROVIDE (1) NON CONTROLLED & (1) HALF-CONTROLLED PLUG LOAD RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX. RECEPTACLE SHALL BE PERMANENTLY IDENTIFIED FOR HALF-CONTROLLED.
⊙ ⊙⊣	JUNCTION BOX, SIZE AND TYPE AS INDICATED OR REQUIRED.
SUBSCRIPTS  C  TV  WP  WP	DEVICE SUBSCRIPTS DESIGNATE THE FOLLOWING:  = ABOVE COUNTER MOUNTED AT 44" MAX AFF TO TOP OF BOX.  = MOUNTED AT 84" MAX AFF TO TOP OF BOX TO POWER TV/MONITOR.  = WEATHERPROOF
IG	<ul><li>= ISOLATED GROUND</li><li>= TAMPERPROOF</li><li>= PROVIDE RECEPTACLE W/ DUAL USB CHARGING.</li></ul>
х□́Р	NON FUSED DISCONNECT SWITCH. NUMBER ADJACENT INDICATES AMPERE RATING OF SWITCH.
<b>□□</b> 0A/3P/45F	FUSED DISCONNECT SWITCH W/ CLASS 'R' DUAL ELEMENT FUSES, SIZED PER EQUIPMENT NAME PLATE RATING. NUMBER ADJACENT INDICATES AMPERE RATING OF SWITCH / POLES / FUSE RATING.
VFD	VARIABLE FREQUENCY DRIVE W/ MANUFACTURER DISCONNECT, PROVIDED UNDER ANOTHER DIVISION, PROVIDE POWER CONNECTION AS INDICATED.
$\boxtimes$	CONTROL AND/OR EQUIPMENT, PROVIDED UNDER ANOTHER DIVISION, PROVIDE POWER CONNECTION AS INDICATED.
	DISTRIBUTION PANEL/MOTOR CONTROL CENTER.
-	BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED.
lacktriangledown	TELEPHONE/DATA OUTLET, 4 11/16" SQUARE X 2 1/8" DEEP BOX W/ 1-DEVICE RING AND PLATE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE, TERMINATE W/ INSULATED BUSHING.
$\nabla$	TELEPHONE OUTLET, 4 11/16" SQUARE X 2 1/8" DEEP BOX W/ 1-DEVICE RING AND PLATE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE, TERMINATE W/ INSULATED BUSHING.
W	TELEPHONE OUTLET WITH WALL PHONE RECEPTACLE, 4 11/16" SQUARE X 2 1/8" DEEP BOX WITH 1-DEVICE RING AND PLATE, MOUNTED +44" MAXIMUM A.F.F. TO TOP OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE. TERMINATE WITH INSULATED BUSHING.
•	DATA OUTLET, 4 11/16" SQUARE X 2 1/8" DEEP BOX W/ 1-DEVICE RING AND PLATE, MOUNTED +15" MIN TO BOTTOM OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE, TERMINATE W/ INSULATED BUSHING.
	RACEWAY INSTALLED IN CEILING OR WALL. ROUTE EXPOSED IN ALL UNFINISHED AREAS.
	EXISTING CONDUIT RUN, VERIFY ROUTING ON THE JOB.
<b>-</b>	ARROW AT END OF RACEWAY INDICATES HOME RUN TO RESPECTIVE PANELBOARD OR SWITCHBOARD.
-	EQUIPMENT DESIGNATION.
<u> </u>	NUMBERED NOTE.
T	TRANSFORMER.
	TIVALVOI ORIMEIX.

1801 7th Street, Suite 150 Sacramento, CA 95811 916.256.2460

NO. REVISION NAME

PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX

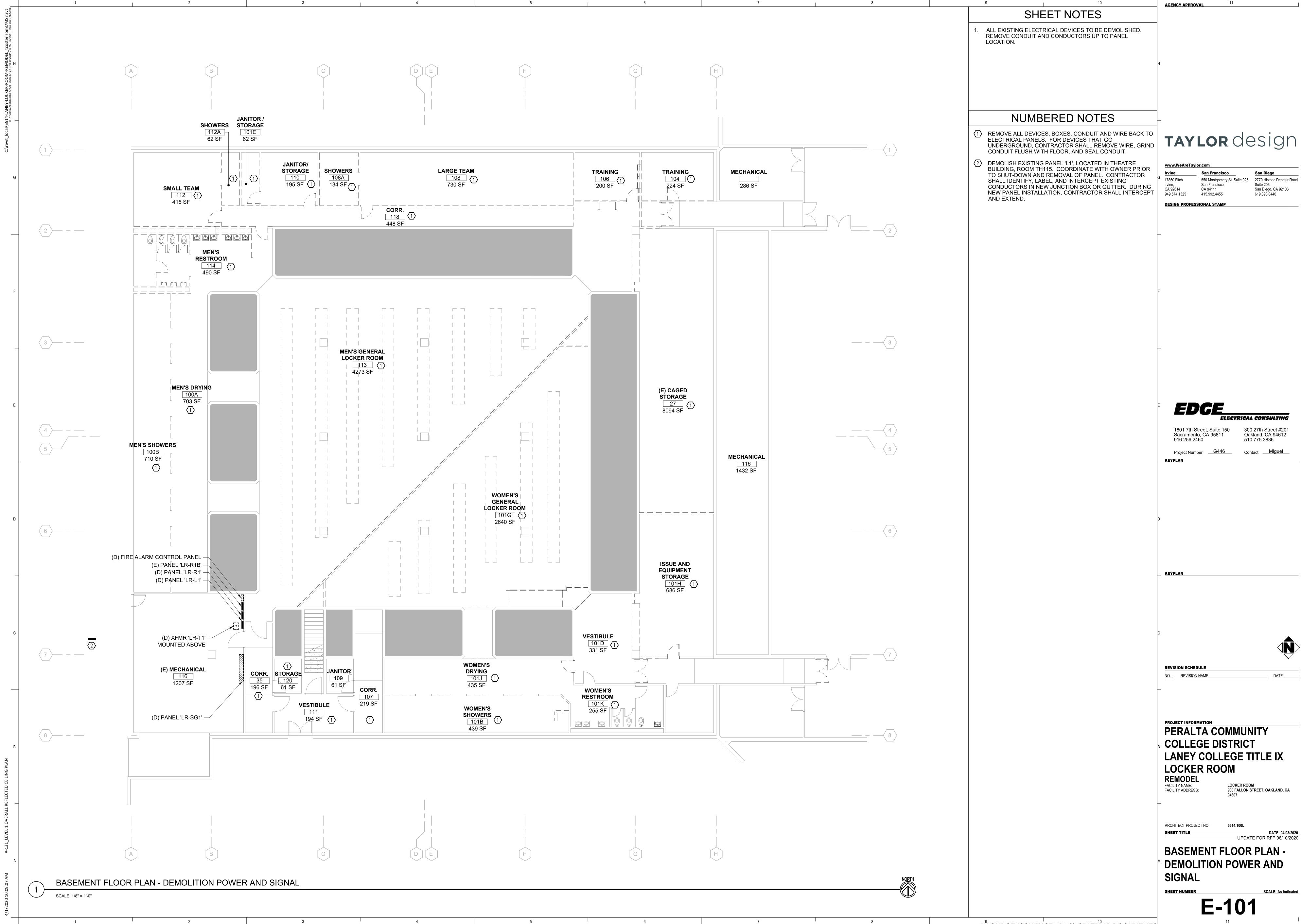
LOCKER ROOM

LOCKER ROOM 900 FALLON STREET, OAKLAND, CA

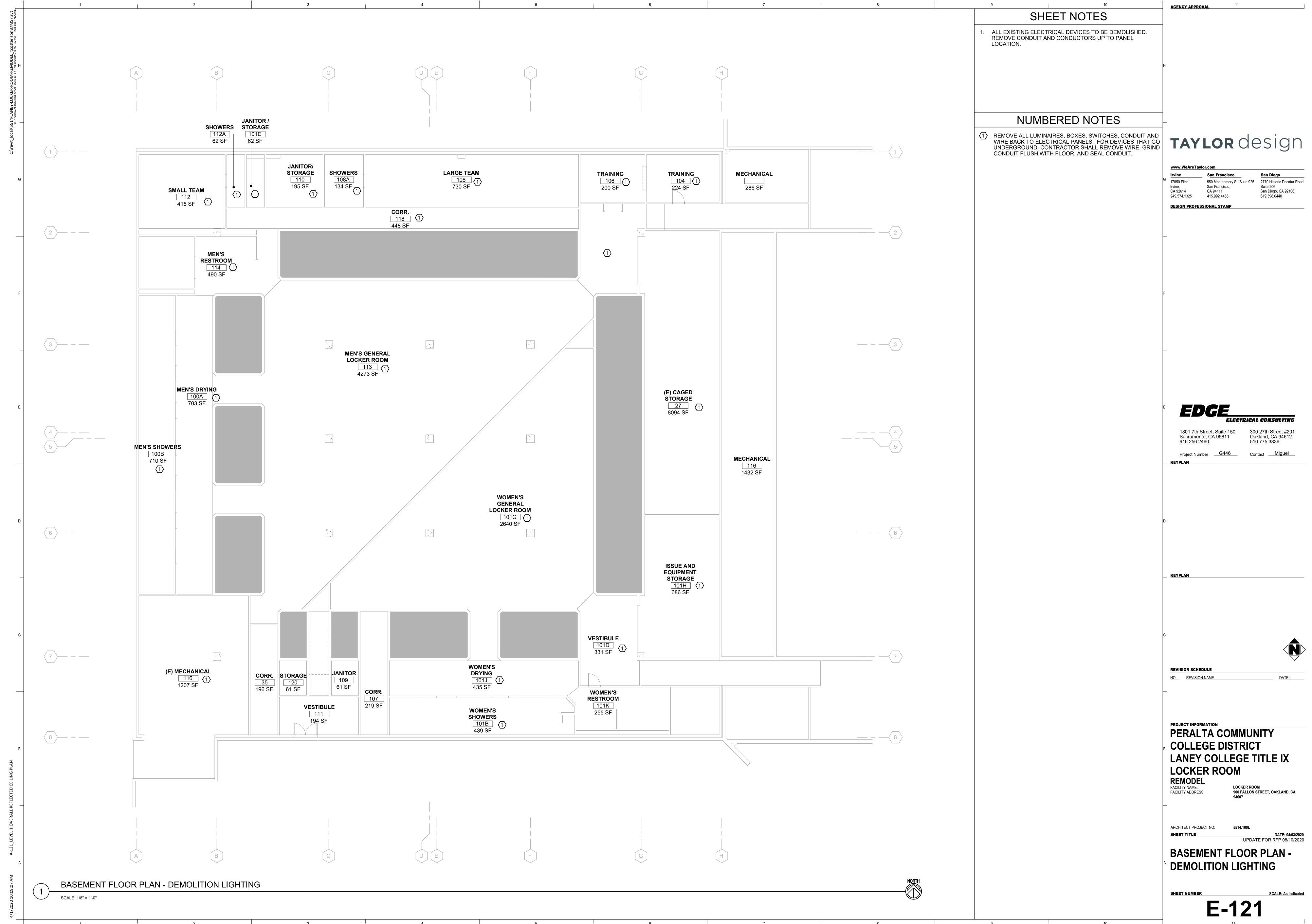
ABBREVIATIONS, SYMBOLS, A LUMINAIRE SCHED., MECH. SCHED., SHEET INDEX

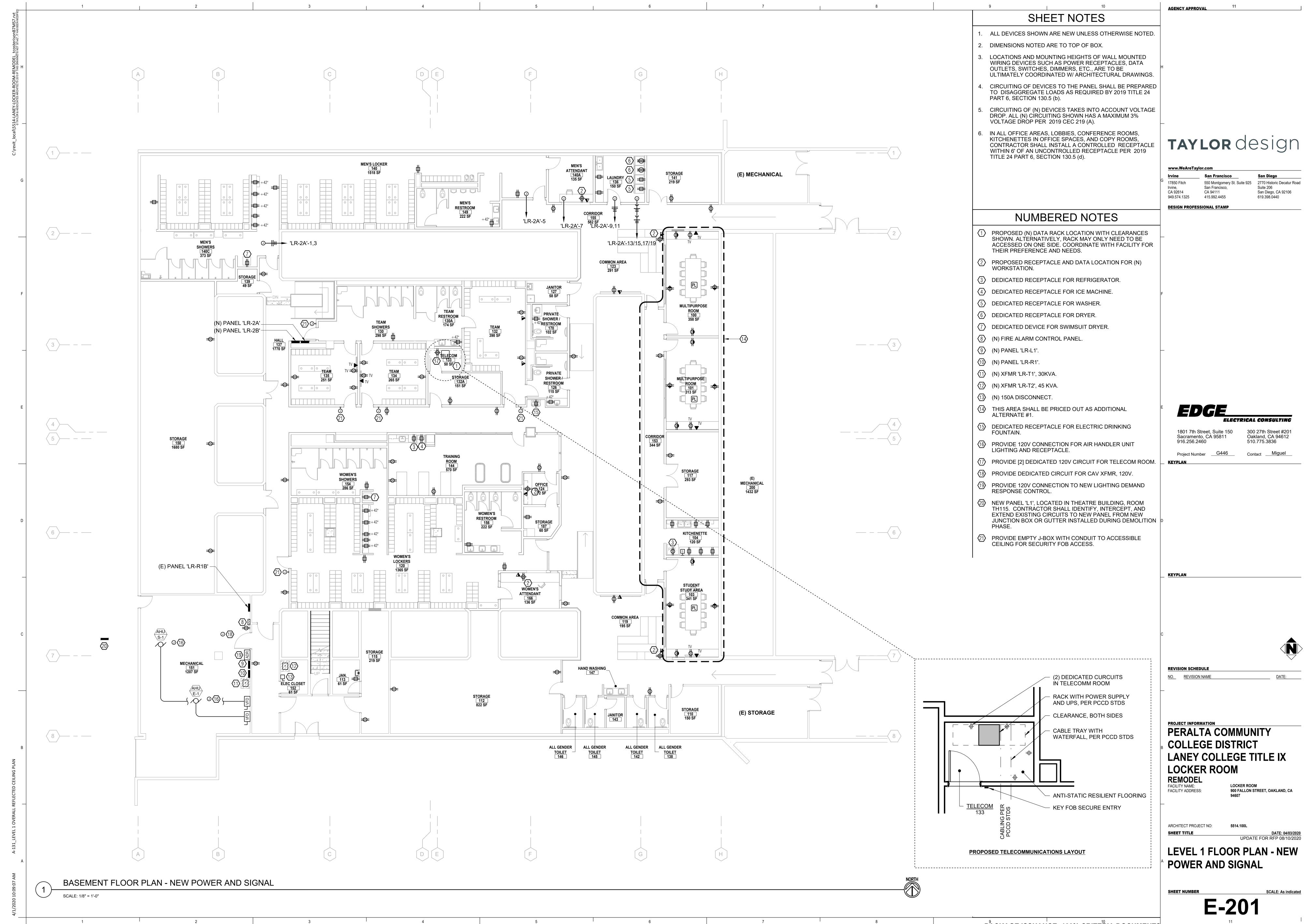
E-001

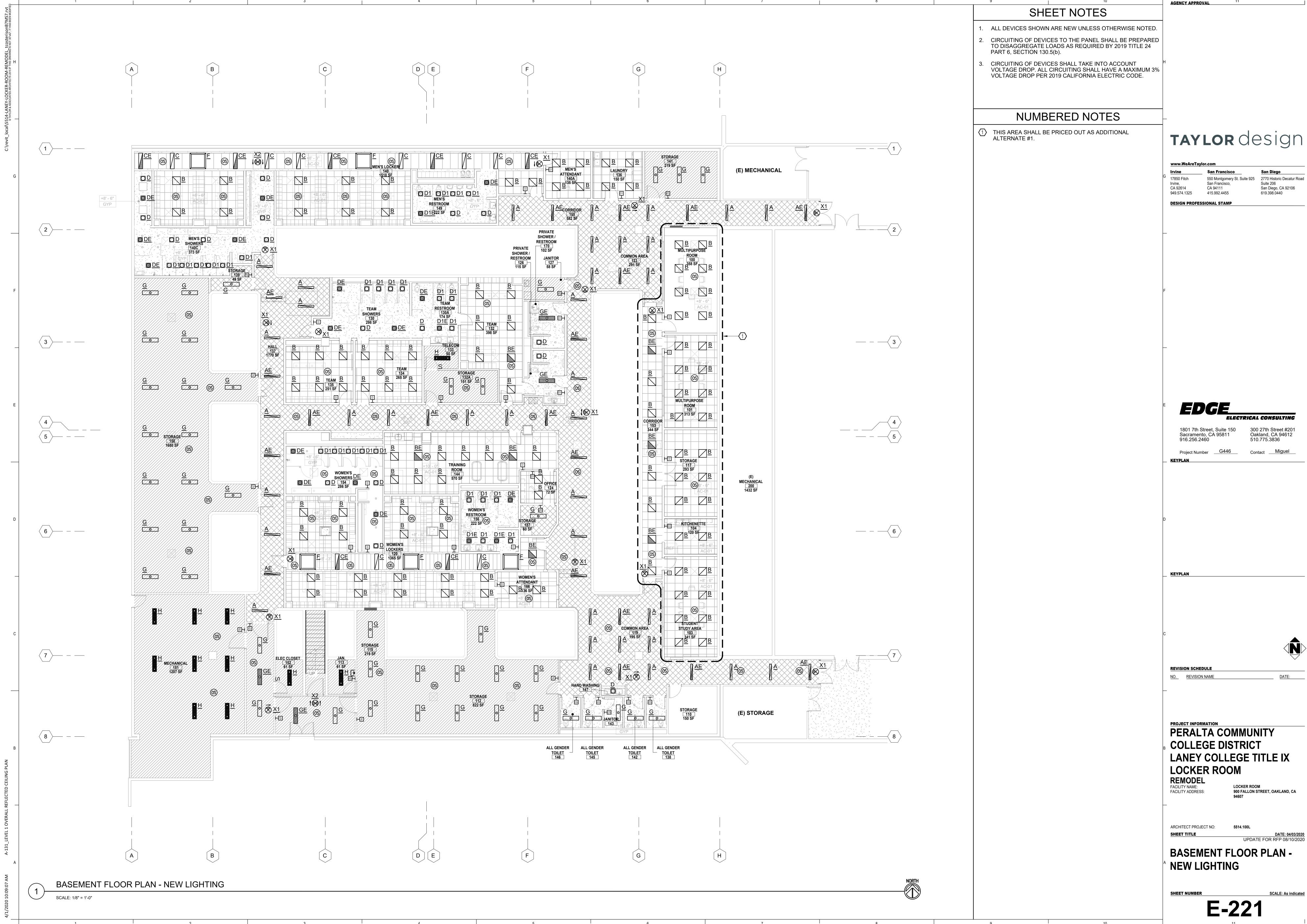
ARCHITECT PROJECT NO:



550 Montgomery St. Suite 925 2770 Historic Decatur Road







550 Montgomery St. Suite 925 2770 Historic Decatur Road

	Z	ΙΙΤ	(N) PANE	ם וי ו:	D1	•	SECTI	ON:	1	OF	1			BUS R	ATING:		225 <i>A</i>	<b>AMP</b>	TH	REE PHASE	VOLTAGE		z	4
AGE	. RU L	CIRCUIT SIZE	(IN) PAINE	L LN	<b>-</b>		SERVI	NG:	N	IORMA	L			MAIN	BREAK	ER				4-WIRE	480/277Y	3CU	L RU	VOLTAGE DROP
N.	OF EE	10 E	LOCATION:	RM	1 151				Х	FLUSH	-		Х	MAIN	_UGS C	NLY				•			S H	川浜
PERCENTAGE	LENGTH OF RUN IN FEET	BRANCH (	PANEL A.I.C.	14	,000		MOUN	IIING:		SURFA	ACE			FED-T	HRU LU	JGS						BRANCH CIRCUIT WIRE SIZE	LENGTH OF RUN IN FEET	ĕ
PE	EN	RA V	LOAD DESCRIPT	ION		KVA	LOAD		C	В.	CKT	PH	СКТ	C.	B.		KVA L	OAD		LOAD	DESCRIPTION		<u>H</u>	Ş
	-	ш	LOAD DESCRIPT	ION	CONT.	RECP.	MOTOR	NON	AMP	POLE	#		#	POLE	AMP	CONT.	RECP.	MOTOR	NON	LOAD	DESCRIPTION			
							5.18				1	Α	2	1	20					(N) LIGHTING				
			(N) AHU-S-1 (15 HP)				5.18		40	3	3	В	4	1	20					(N) LIGHTING				
							5.18				5	С	6	1	20					(N) LIGHTING				
							3.77				7	Α	8	1	20					(N) LIGHTING				4
			(N) AHU-E-1 (7.5 HP)				3.77		20	3	9	В	10	1	20					(N) SPARE				_
			00405				3.77				11	C	12	1	20					(N) SPARE				+
			SPACE		1					1	13	A	14	1 1	20					(N) SPARE			-	+
			SPACE							1	15	В	16	1	20					(N) SPARE				+
			SPACE SPACE							1	17	C	18	1	20					(N) SPARE				+
			SPACE							1	19 21	A B	20	1										+
			SPACE							1	23	С	24	1										_
			SPACE							1	25	A	26	1										+
			SPACE							1	27	В	28	1										+
			SPACE							1	29	C	30	1										+
			SPACE							1	31	Α	32	1										
			SPACE							1	33	В	34	1										1
			SPACE							1	35	С	36	1										
			SPACE							1	37	Α	38											T
			SPACE							1	39	В	40	3	50					(N) XFMR 'LR-T1	1			
			SPACE							1	41	С	42											
			Т	OTALS	0.00	0.00	26.85	0.00								0.00	0.00	0.00	0.00	< TOTALS				
			TOTAL CONTINUOUS LO TOTAL RECEPTACLE LO TOTAL NONCONTINUOU TOTAL MOTOR LOAD: LARGEST MOTOR @ 25	OAD, 100% FO JS LOAD:	OR FIR	ST 10K\	VA, & 5	50% FO	R REM	IAINDE	R:				0.00 0.00 0.00 26.85 0.00	KVA KVA KVA								
											Α	В	С											
			TOTAL DEMAND LOAD	:	26.85	KVA		ONNEC TOTAL				8.95		MINIM	/IUM FE	EDER	CAPA	CITY:	26.8	5 KVA	32.30 AMP			

<b>L</b>	z	Ŀ	/NI\ DANE	=	2 2	ΛI	SECTI	ON	1	OF	1			BUS F	RATING	:	225 A	MP	THE	REE PHASE	VOLTAGE	Ŀ	z	
GE DRO ENTAGE	- RU	RCU ZE	(N) PANE		<b>X-Z</b>	A	SERVI	NG	NORMAL				Х	150-AMP MAIN BREAKER						4-WIRE	4-WIRE 208/120Y		LENGTH OF RUN IN FEET	VOLTAGE DROP PERCENTAGE
SE L	유 :	I CII	LOCATION:		RM		MOUNTING.		FLUSH		Н			MAIN LUGS ONLY			LY						卢빏	SE C
TACE	₽ N	BRANCH CIRCUIT WIRE SIZE	PANEL A.I.C.	2	22,000			MOUNTING:		SURF	ACE	<u> </u>		FED-THRU LUGS								ANCH CIRCUIT WIRE SIZE	[ 등 N	TACE
Ø ==	<del> </del>	3RA V	LOAD DESCRIPT	ION		KVA	LOAD		C.	В.	СКТ	PH	СКТ	С	. B.		KVA	LOAD		LOAD	DESCRIPTION	BRA	L E	Ø ==
VOLTAGE DROP PERCENTAGE		<b>B</b>	LOAD DESCRIPTION		CONT. RECP.		MOTOR	NON	AMP	POLE	#		#	POLE	_	CONT.	RECP.	MOTOF	NON	EOAD DESCRIPTION				
									20	1	1	A	2	1 1	20									
									20 20	1	3 5	B C	6	1 1	20									
									20	1	7	A	8	1 1	20									+
									20	1	9	В	10	1	20									
									20	1	11	С	12	1	20									
									20	1	13	Α	14	1	20									
									20	1	15	В	16	1	20									
									20	1	17	С	18	1	20									
									20	1	19	A	20	1	20									
									20	1	21	В	22	1 1	20					1				
									20 20	1	23 25	C A	24 26	1 1	20									+
									20	1	27	В	28	1 1	20									_
									20	1	29	C	30	1 1	20									-
									20	1	31	Α	32	1	20									1
									20	1	33	В	34	1	20									
									20	1	35	С	36	1	20									
									20	1	37	Α	38	1	20									
									20	1	39	В	40	1	20									_
				<b>TALO</b>	1				20	1	41	С	42	1 1	20			1 2 22	1	707410				
			ТО	TALS	> 0.00	0.00	0.00	0.00								0.00	0.00	0.00	0.00	< TOTALS				
			TOTAL CONTINUOUS L TOTAL RECEPTACLE L TOTAL NONCONTINUO TOTAL MOTOR LOAD: LARGEST MOTOR @ 2	LOAD, 100% OUS LOAD:	FOR F	IRST 10	KVA, &	50% FC	OR REM	MAINDE	ER:				0.00 0.00 0.00	KVA KVA KVA KVA								
			TOTAL DEMAND LOAD	)	0.00	KVA	1	ONNEC <sup>*</sup> TOTAL/			A 0.00	0.00	C 0.00	MIN. F	EEDE	R CAPA	CITY		0.00	KVA	0.00 AMP			

	7	CIRCUIT	/AI\ DAA	IEI 11 41	5	SECTION:	1	OF	1			BUS F	RATING	BUS RATING: 100 AMP					VOLTAGE	T⊨	7	Τ,
VOLTAGE DROP PERCENTAGE	LENGTH OF RUN IN FEET		(N) PAN	5	SERVING:		NORMA	L	]	MAIN BREAKER							4-WIRE 480/277Y				ROF SE	
		I CIF	LOCATION:	RM TH115	_	ACLINITING	X	FLUSH	1	]	X	X MAIN LUGS ONLY						1		BRANCH CIRCUIT WIRE SIZE	LENGTH OF RUN IN FEET	VOLTAGE DROP PERCENTAGE
TAC	GTH IN F	BRANCH WIRE	PANEL A.I.C.		MOUNTING:		SURFACE				FED-THRU LUGS								NC	GT N	TAG	
VOL	Ë	RA v	<u> </u>			OAD	C	. В.	СКТ	PH	СКТ	КТ С.В.			KVA	LOAD	-1		<b>₩</b> _	H	정 표	
	_	8	LOAD DESCRIPTION	CONT.	RECP.	MOTOR NON	AMP	POLE	#		#	POLE AMP		CONT. RECF		MOTOR	NON	LOAD DESCRIPTION				
			(E) LIGHTING	3.20			20	1	1	Α	2	1	20					(E) SPARE				
			(E) LIGHTING	3.20			20	1	3	В	4	1	20					(E) SPARE				
			(E) LIGHTING	3.20			20	1	5	С	6	1	20					(E) SPARE				
			(E) LIGHTING	3.20			20	1	7	Α	8	1	20	3.20				(E) LIGHTING				
			(E) LIGHTING	3.20			20	1	9	В	10	1										
			(E) LIGHTING	3.20			20	1	11	С	12	1										
			(E) SPACE					1	13	Α	14	1										
			(E) SPACE					1	15	В	16	1										
			(E) SPACE					1	17	С	18	1										
			(E) SPACE					1	19	Α	20	1										
			(E) SPACE					1	21	В	22	1										
			(E) SPACE					1	23	С	24	1										
			(E) SPACE					1	25	Α	26						15.00					
			(E) SPACE					1	27	В	28	3	70				15.00	XFMR 'LR-T2' (4	5 KVA)			
			(E) SPACE					1	29	С	30						15.00					
			то	TALS> 19.20	0.00	0.00 0.00								3.20	0.00	0.00	45.00	< TOTALS				
			TOTAL CONTINUOUS LOATOTAL RECEPTACLE LOATOTAL NONCONTINUOUS TOTAL MOTOR LOAD: LARGEST MOTOR @ 25% TOTAL DEMAND LOAD:	AD, 100% FOR FIRS	KVA	A, & 50% FO	CTED K		Α	B 21.40	C	MINI	28.00 0.00 45.00 0.00 0.00	KVA KVA KVA	R CAPA	ACITY:	73.0	0 KVA	87.81 AMP			

SCALE: NONE

7		BRANCH CIRCUIT WIRE SIZE	/NI\ DANIE	ים כים וי וב		Di	SECTION	ON	1	OF	1			BUS F	RATING	:	225 AN	/IP	THREE PHASE		VOLTAGE	Ŀ	7	
PERCENTAGE ENGTH OF RUN	.	SCU E	(N) PANE		<b>X-Z</b> I	В	SERVII	NG		NORMA	L		X	150-A	MP MA	IN B	REAKER			4-WIRE	208/120Y		R	S
PERCENTAGE ENGTH OF RUN		CIF	LOCATION:		RM		1			FLUSH	1			MAIN LUGS ONLY FED-THRU LUGS						<u>'</u>		ANCH CIRCUIT WIRE SIZE	LENGTH OF RUN IN FEET	VOLTAGE DROP
7   E	Z	NCH	PANEL A.I.C.	2	2,000		MOUN	NTING:	Х	SURF	ACE	-										NCH	ET N	¥
H H		통 >				KVA	A LOAD		С	. B.	СКТ	PH	СКТ			LOAD		1045	DESCRIPTION	BRAN	ž   щ	4		
		<u> </u>	LOAD DESCRIPTION	JN	CONT.	RECP.	MOTOR	NON	AMP	POLE	#		#	POLE	POLE AMP	CON	T. RECP.	MOTOR	NON	LOAL	DESCRIPTION			
									20	1	1	Α	2	1	20									<u> </u>
_									20	1	3	В	4	1	20									₩
									20	1	5	С	6	1	20									
									20	1	/	A	8	1 1	20									
									20	1	9	B C	10	1 1	20									
									20 20	1	11 13	A	12 14	1 1	20									+
+									20	1	15	В	16	1 1	20									<b>+</b>
									20	1	17	C	18	1	20									1
									20	1	19	Α	20	1	20									
									20	1	21	В	22	1	20									
									20	1	23	С	24	1	20									
									20	1	25	Α	26	1	20									
									20	1	27	В	28	1	20									1
									20	1	29	С	30	1	20									
									20	1	31	A	32	1	20									
									20	1	33	В	34	1	20									-
-									20	1	35 37	C	36	1 1	20								<u> </u>	+
									20 20	1	37 39	A B	38 40	'	20									+
+									20	1	41	C	42	1	20									+
			тот	ALS	> 0.00	0.00	0.00	0.00		'			'-	<u>'</u>		0.00	0.00	0.00	0.00	< TOTALS	<u> </u>			
			TOTAL CONTINUOUS LE TOTAL RECEPTACLE L TOTAL NONCONTINUOU TOTAL MOTOR LOAD: LARGEST MOTOR @ 25	OAD, 100% JS LOAD:	FOR F	IRST 10	)KVA, &	50% FC	OR REI	MAINDE	iR:				0.00 0.00 0.00 0.00 0.00	KVA KVA	\ \ \							
			TOTAL DEMAND LOAD		0.00	KVA	CONNI				A	В	С	MIN. F	EEDER				0.00	KVA	0.00 AMP			
			. CIAL DEMAND LOAD	0.00 KVA		TOTAL/PHAS		PHAS		0.00	0.00	0.00	MIN. FEEDER CAPACIT			, ( )			11771	JIJU AIIII				

## **TAYLOR** design

AGENCY APPROVAL

www.WeAreTaylor.com San Francisco 550 Montgomery St. Suite 925 2770 Historic Decatur Road 17850 Fitch San Francisco, San Diego, CA 92106 619.398.0440 CA 92614 CA 94111 949.574.1325 415.992.4455

DESIGN PROFESSIONAL STAMP

**EDGE** 300 27th Street #201 Oakland, CA 94612 510.775.3836 1801 7th Street, Suite 150 Sacramento, CA 95811 916.256.2460

Project Number <u>G446</u> Contact <u>Miguel</u>

KEYPLAN

REVISION SCHEDULE NO. REVISION NAME

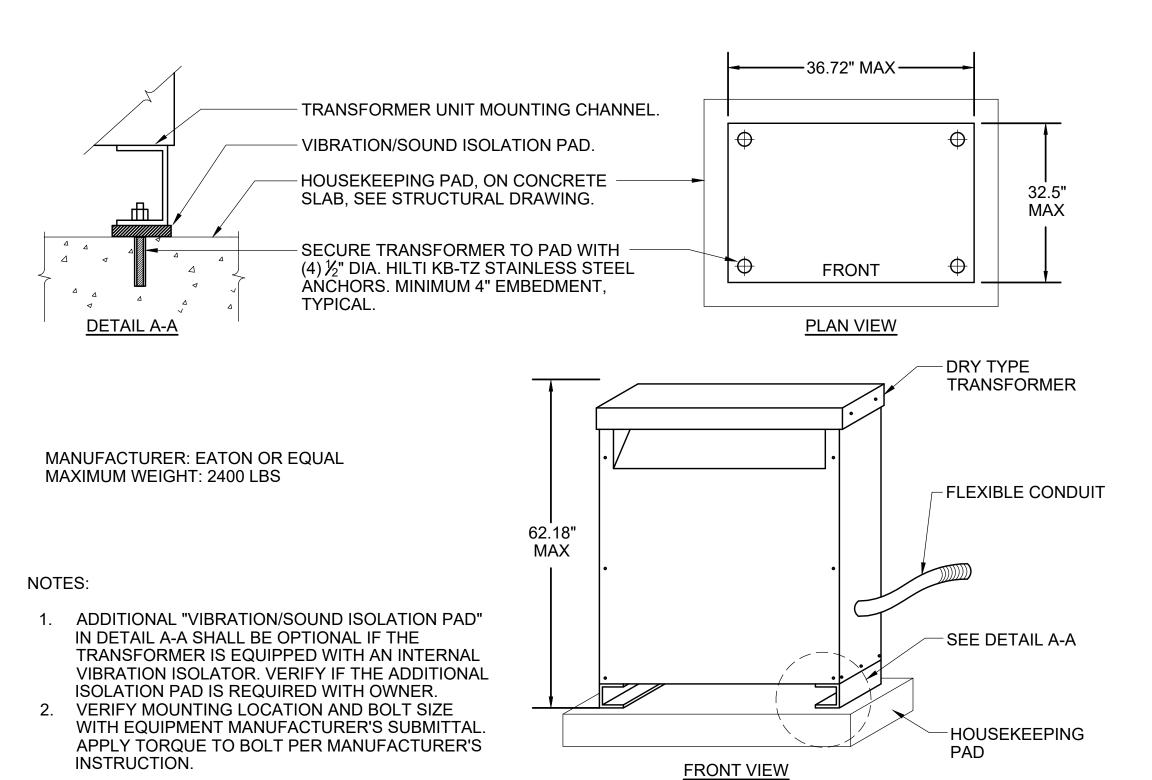
PERALTA COMMUNITY **COLLEGE DISTRICT** LANEY COLLEGE TITLE IX LOCKER ROOM

900 FALLON STREET, OAKLAND, CA

ARCHITECT PROJECT NO:

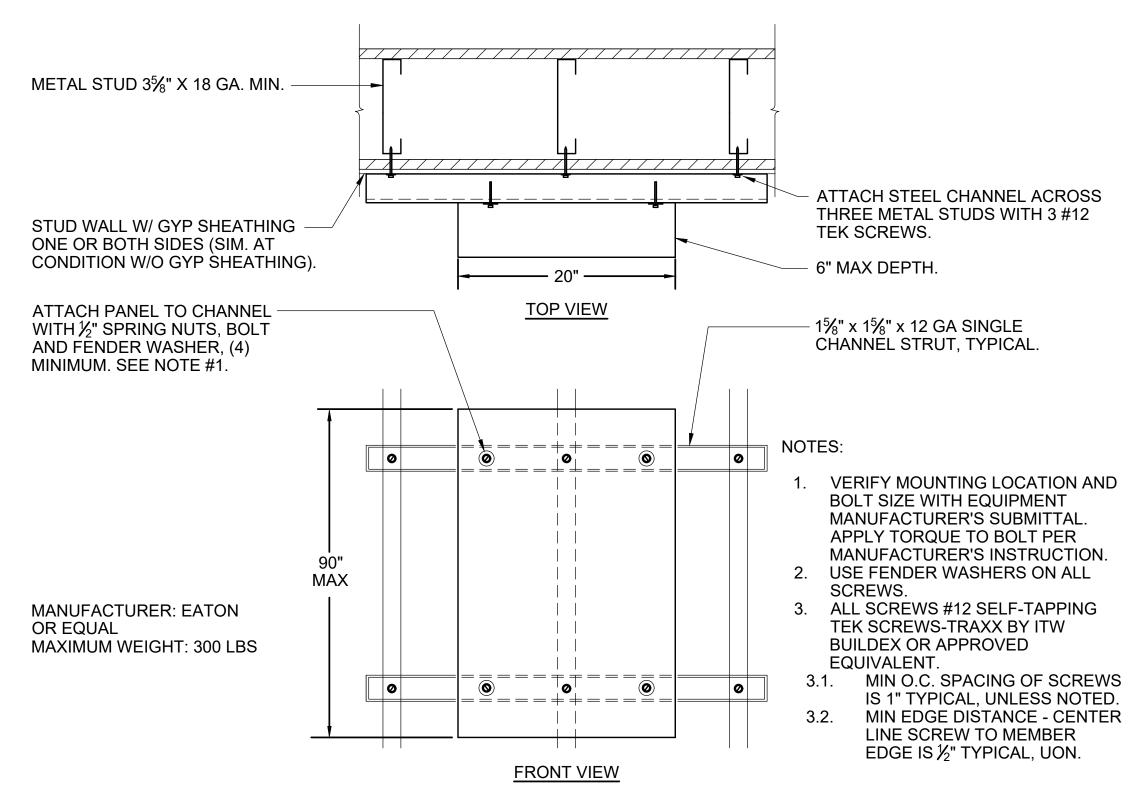
ONE LINE DIAGRAM, PANEL SCHEDULES

E-301



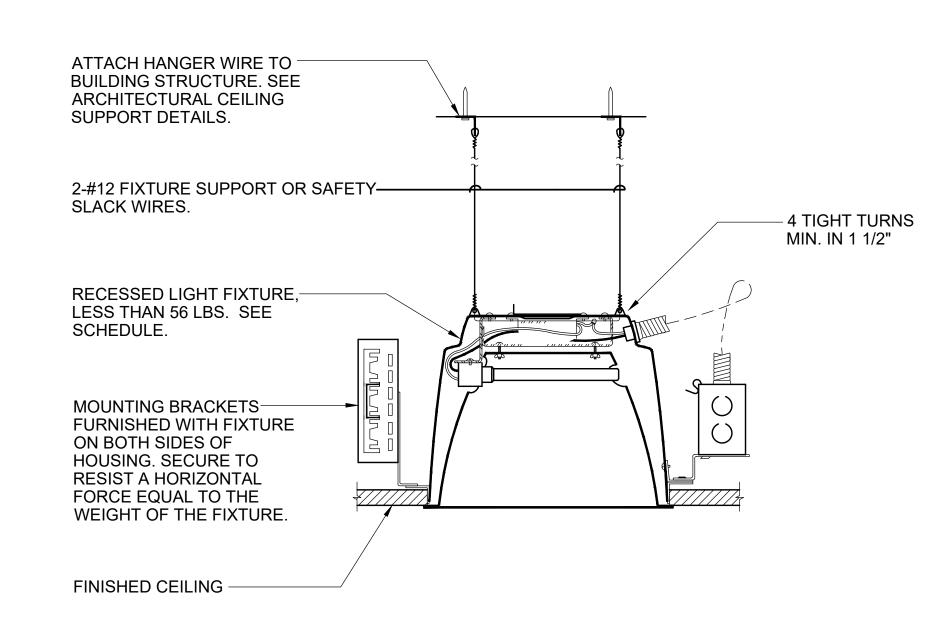
DISTRIBUTION TRANSFORMER MOUNTING DETAIL

NO SCALE



SURFACE MOUNTED PANEL ON UNISTRUT DETAIL

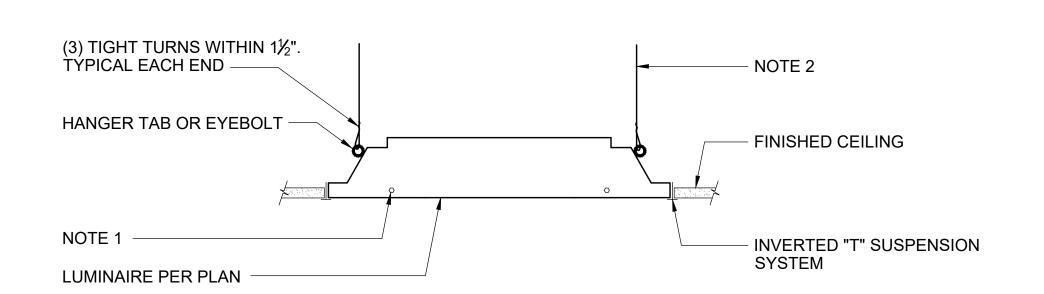
NO SCALE



RECESSED DOWNLIGHT MOUNTING DETAIL

IDENTIFY COVER PLATE WITH PANEL AND -

NO SCALE



#### NOTES:

- 1. SECURE FIXTURES TO T-BAR SYSTEM WITH (2) 1/8" DIAMETER ZINC PLATED SELF TAPPING "TEK" SCREWS AT EACH END. POINTED SHEET METAL SCREWS ARE NOT ACCEPTABLE. DRILL FIXTURES AND T-BAR RUNNER AS REQUIRED. LOCATE
- SUCH THAT SCREWS DO DO NOT INTERFERE WITH DOOR OPERATION.

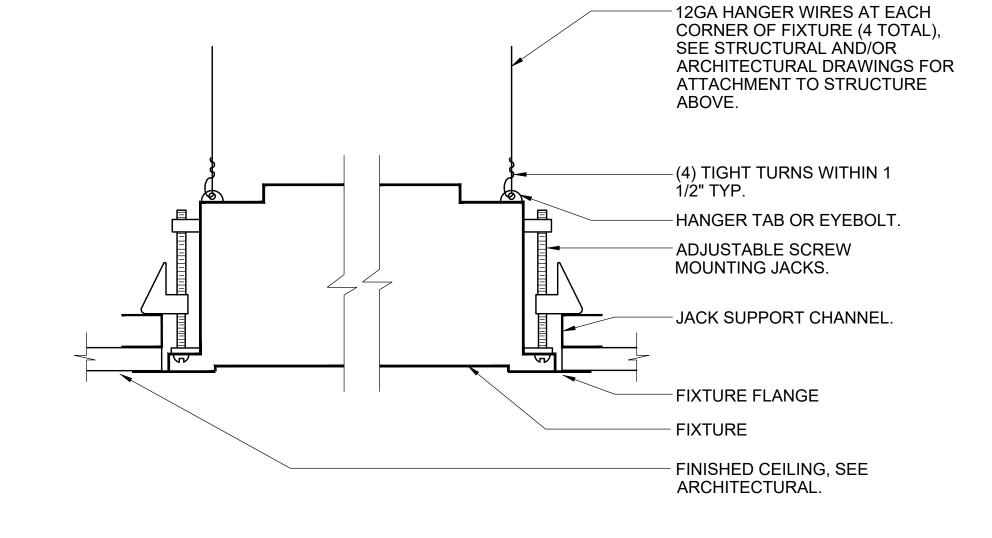
  2. 12 GA. GALVANIZED STEEL HANGER WIRES TO STRUCTURAL MEMBER, TYPICAL. PROVIDE 2 SLACK WIRES ON DIAGONAL CORNERS FOR 2 x 4 FIXTURES OR SMALLER WHEN MOUNTED IN HEAVY DUTY CEILINGS. PROVIDE 4 WIRES ON 4 CORNERS OF FIXTURES WHEN LARGER THAN 2 x 4 OR WEIGHING MORE THAN 56lbs. PROVIDE 4 TAUT WIRES IN INTERMEDIATE DUTY CEILINGS. WHERE FIXTURES ARE IN-STALLED END TO END, AND HANGER TABS OF BUTTING FIXTURES ARE IN CONTACT WITH EACH OTHER, ONE WIRE MAY BE SHARED BY BUTTING FIXTURES.

#### LAY-IN LUMINAIRE

DEVICE MOUNTING DETAIL

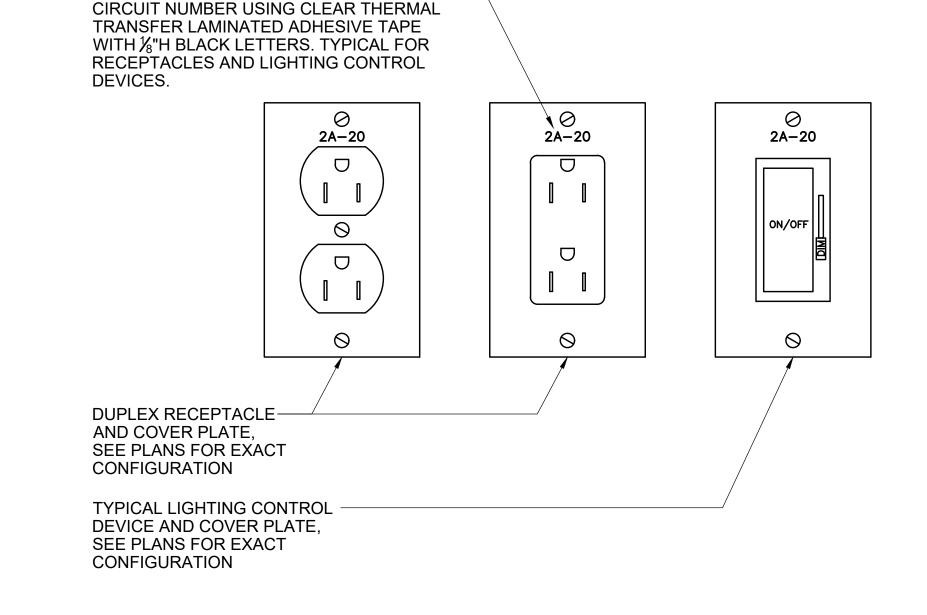
NO SCALE

NO SCALE



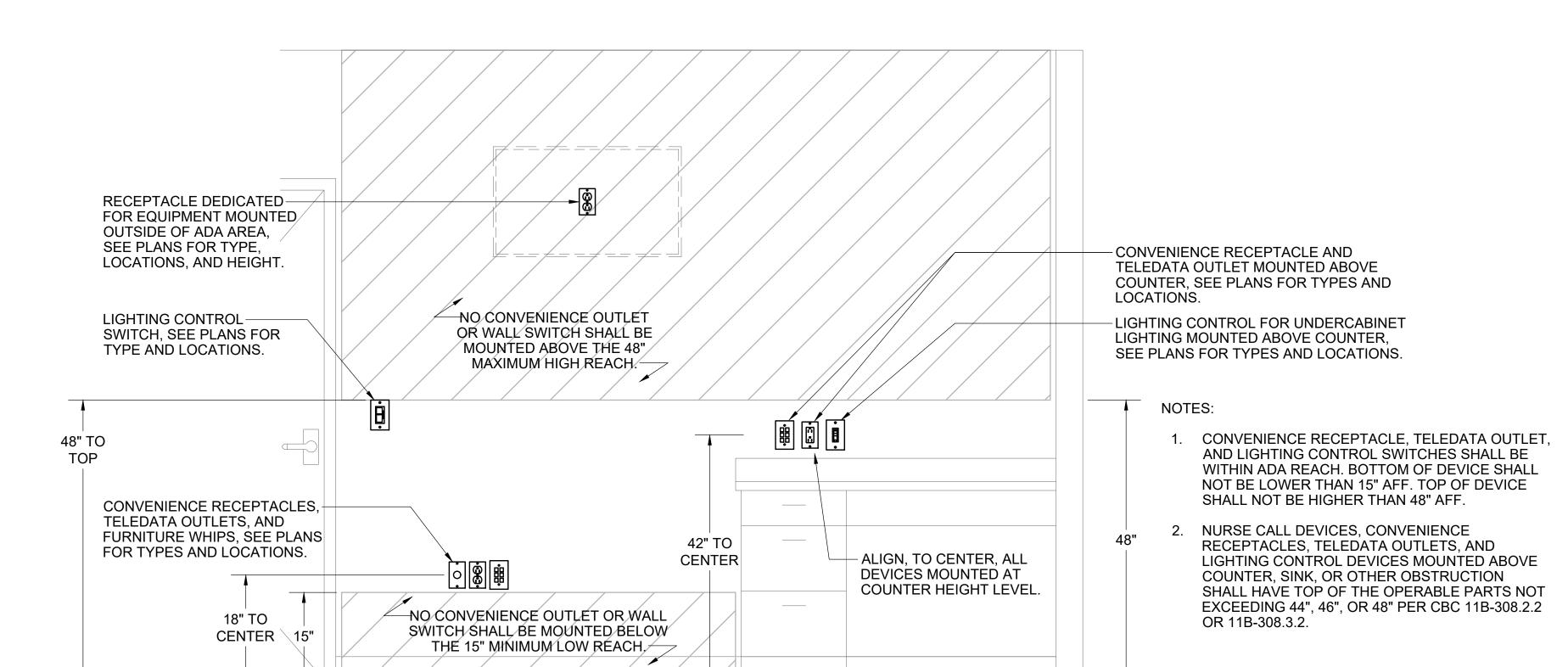
GYBOARD CEILNG RECESSED FIXTURE MOUNTING DETAIL

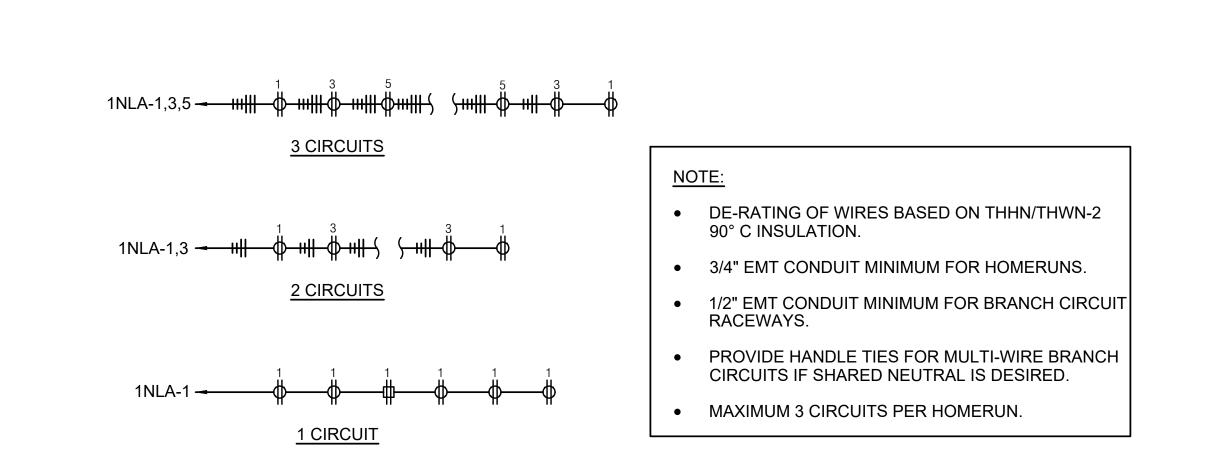
NO SCALE



RECEPTACLE AND LIGHT SWITCH DESIGNATION DETAIL

NO SCALE





8 TYPICA NO SCALE

TYPICAL BRANCH CIRCUIT WIRING DIAGRAM FOR ELECTRICAL DEVICES

FNUMBER SCALE: As indicated

E-401



PERALTA COMMUNITY

B COLLEGE DISTRICT

COLLEGE DISTRICT
LANEY COLLEGE TITLE IX
LOCKER ROOM

REMODEL
FACILITY NAME: LOCKER F
FACILITY ADDRESS: 900 FALLO

**AGENCY APPROVAL** 

www.WeAreTaylor.com

DESIGN PROFESSIONAL STAMP

**EDGE** 

1801 7th Street, Suite 150

Sacramento, CA 95811

Project Number <u>G446</u>

916.256.2460

**KEYPLAN** 

17850 Fitch

CA 92614

949.574.1325

**TAYLOR** design

San Francisco

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CA 94111

550 Montgomery St. Suite 925

2770 Historic Decatur Road

San Diego, CA 92106

619.398.0440

**ELECTRICAL CONSULTING** 

300 27th Street #201 Oakland, CA 94612

510.775.3836

Contact Miguel

ACILITY NAME: LOCKER ROOM
ACILITY ADDRESS: 900 FALLON STREET, OAKLAND, CA
94607

ARCHITECT PROJECT NO: 5514.100L

DATE: 04/03/2020

UPDATE FOR RFP 08/10/2020

DETAILS

SHEET TITLE

SUEET NUMBER