

# SYMBOLS

**DOOR NUMBER** (101) **BUILDING SECTION SHEET WHERE DRAWN** (B4 A3.1)

**WINDOW TYPE** (A) **WALL SECTION SHEET WHERE DRAWN** (D4 A3.2)

**PARTITION TYPE** (11) **SECTION DETAIL SHEET WHERE DRAWN** (A1 A5.1)

**KEYED NOTE** (1.00) **ELEVATION DETAIL SHEET WHERE DRAWN** (A1 A4.1)

**ACCESSORY NOTE** (A) **EXTERIOR ELEVATION SHEET WHERE DRAWN** (A1 A2.1)

**ROOM TAG** **ROOM NAME** (101) **ELEVATION DETAIL SHEET WHERE DRAWN** (A1 A4.1)

**ROOM NUMBER** (101) **ROOM AREA / VOLUME CALCULATED OCCUPANT LOAD** (150 SF 3 OCC)

**ACCESSIBILITY CLEARANCES** (TURNING CLEARANCE, CLEAR FLOOR)

**DATUM / ELEVATION TAG** (Name Elevation) **INTERIOR ELEVATION VIEW / SHEET WHERE DRAWN** (1 / A4.1)

**ELEVATION** **SPOT ELEVATION TAG** (A1 A4.1) **ENLARGED DETAIL SHEET WHERE DRAWN** (A1 A4.1)

**DRAWING REVISION CLOUD** (AD) **REVISION NUMBER** (AD) **FO = FIELD ORDER** **CO = CHANGE ORDER**

# ABBREVIATIONS

ABS	ACRYLONITRILE-BUTADIENE-STYRENE	MATL	MATERIAL
AC	ASPHALTIC CONCRETE	MAX	MAXIMUM
A.F.F.	ABOVE FINISH FLOOR	MECH	MECHANICAL
ALT	ALTERNATE	MEZZ	MEZZANINE
APPROX	APPROXIMATE(LY)	MFR	MANUFACTURER
ARCH	ARCHITECTURAL	MIN	MINIMUM
		MISC	MISCELLANEOUS
BD	BOARD	MO	MASONRY OPENING
BLDG	BUILDING	MTL	METAL
BLKG	BLOCKING	NIC	NOT IN CONTRACT
B.O.F.	BOTTOM OF FOOTING	NO.	NUMBER
BRG	BEARING	NOM	NOMINAL
		NTS	NOT TO SCALE
CI	CAST IRON	O/	OVER
C.I.P.	CAST IN PLACE	O.A.E.	OR APPROVED EQUIVALENT
C.J.	CONTROL JOINT	O.C.	ON CENTER
CLG	CEILING	OD	OUTSIDE DIAMETER
CLR	CLEAR	OFCI	OWNER FURNISHED/CONTRACTOR INSTALL
CMU	CENTERLINE	OPP	OVERHEAD OPPOSITE
COL	CONCRETE MASONRY UNIT		
CONC	CONCRETE		
CONF	CONFERENCE	PARTN	PARTITION
CONST	CONSTRUCTION	PART	PARTICLE
CONTR	CONTRACTOR	PERP	PERPENDICULAR
COORD	COORDINATE	PERM	PERIMETER
		PLAM	PLASTIC LAMINATE
DEMO	(DEMOLISH) DEMOLITION	PL	PLATE
DIA	DIAMETER	PLBS	PLUMBING
DIM	DIMENSION	FR	PAIR
DN	DOWN	PREFAB	PREFABRICATED
DR	DOOR	PREFIN	PREFINISHED
DS	DOWNSPOUT	PVC	POLYVINYL CHLORIDE
DTL	DETAIL	QTY	QUANTITY
DWG	DRAWING(S)	RAD	RADIUS
(E)	EXISTING	RD	ROOF DRAIN
EIFS	EXTERIOR INSULATION & FINISH SYSTEM	REIN	REINFORCED(D) / REINFORCING
E.J.	EXPANSION JOINT	REQD	REQUIRED
EL	ELEVATION	REV	REVISION
ELEC	ELECTRICAL	REFR	REFRIGERATOR
ELEV	ELEVATOR	RM	ROOM
EQ	EQUAL	RO	ROUGH OPENING
EQUIP	EQUIPMENT	R/R	RESTROOM
EXIST	EXISTING	RTU	ROOF TOP UNIT
EXP	EXPANSION		
EXT	EXTERIOR	SC	SOLID CORE
FD	FLOOR DRAIN	SCHED	SCHEDULE(D)
FDN	FOUNDATION	SIM	SIMILAR
FE(C)	FIRE EXTINGUISHER (CABINET)	SPEC	SPECIFICATION(S)
FIN	FINISH	SQ	SQUARE
FLR	FLOOR	SS	STAINLESS STEEL
FT	FEET	STD	STANDARD
FTG	FOOTING	STOR	STORAGE
		STRUCT	STRUCTURAL
GA	GAUGE	SUSP	SUSPENDED
GALV	GALVANIZED	T&G	TONGUE AND GROOVE
GC	GENERAL CONTRACTOR	TEL	TELEPHONE
GLU-LAM	GLUE LAMINATED	THRES	THRESHOLD
GYP	GYPSONUM	T.O.	TOP OF
		T.O.B.	TOP OF BEAM
HDWD	HARDWOOD	T.O.S.	TOP OF SLAB / TOP OF STRUCTURE
HM	HOLLOW METAL	T.O.D.	TOP OF DECK
HORIZ	HORIZONTAL	T.O.W.	TOP OF WALL
HSS	HOLLOW STRUCTURAL STEEL	T.S.	TUBE STEEL
HT	HEIGHT	TV	TELEVISION
HVAC	HEATING, VENTILATION & AIR CONDITIONING	TYP	TYPICAL
ID	INSIDE DIAMETER	UL	UNDERWRITERS LABORATORY
INT	INTERIOR	U.O.N.	UNLESS OTHERWISE NOTED
ISO	ISOMETRIC	VCT	VINYL COMPOSITION TILE
JAN	JANITOR	VERT	VERTICAL
KB	KNOCKDOWN	VEST	VESTIBULE
KO	KNOCKOUT	WC	WATER CLOSET
KOP	KNOCKOUT PANEL	WF	WIDE FLANGE
LAB	LABORATORY	WH	WATER HEATER
LAV	LAVATORY	WWF	WELDED WIRE FABRIC
LLV	LONG LEG VERTICAL	W	WITH
LVL	LAMINATED VENEER LUMBER	W/O	WITHOUT
LW	LIGHT WEIGHT		

# KEY TO MATERIALS

**EARTH** (Pattern)

**E.I.F.S.** (Pattern)

**GRAVEL** (Pattern)

**COMPACTED GRANULAR FILL** (Pattern)

**CONCRETE** (Pattern)

**BRICK** (Pattern)

**MASONRY / CMU** (Pattern)

**ALUMINUM** (Pattern)

**CONTINUOUS WOOD** (Pattern)

**BATT INSULATION** (Pattern)

**STEEL** (Pattern)

**WOOD BLOCKING** (Pattern)

**RIGID INSULATION** (Pattern)

**NEW WOOD STUD FRAMING** (Pattern)

**PLYWOOD** (Pattern)

# SCOPE OF WORK

REMOVAL AND REPLACEMENT OF AC HARDCOURT PLAY AREA.  
 CRACK-FILL AND SEAL-COAT AT FRONT PARKING AND DRIVE AREAS.  
 NEW POURED-IN-PLACE FALL-PROTECTION SURFACING BELOW EXISTING EXERCISE STRUCTURE.  
 NEW MAIN PLAY STRUCTURE, AND PG SHADE STRUCTURE WITH POURED-IN-PLACE FALL-PROTECTION.  
 NEW KINDERGARTEN PLAY STRUCTURE WITH (E) WOOD-CHIP FALL-PROTECTION.  
 REMOVAL AND REPLACEMENT OF UNDERGROUND UTILITIES BELOW REPLACEMENT PAVING.  
 NEW PLAY AREA PLAY POLES AND STRIPING.  
 REMOVE AND REPLACE (E) SITE FENCING.  
 PAINT EXISTING CAMPUS BUILDINGS.  
 REPLACE EXISTING FLOORING AT SELECT BUILDINGS.  
 REMOVE AND REPLACE EXISTING BUILT-UP ROOFING WITH SINGLE-PLY ROOFING AT SELECT BUILDINGS.  
 REMOVE AND REPLACE EXISTING BUILT-UP ROOFING WITH SINGLE-PLY ROOFING AT SELECT BUILDINGS.  
 KITCHEN ELECTRIFICATION / REMODEL (AS A BID-ALTERNATE)

# CONSULTANTS

<b>CIVIL ENGINEER:</b> <b>WARREN CONSULTING ENGINEERS, INC.</b> 1117 WINDFIELD WAY, SUITE 110 EL DORADO HILLS, CA 95762 916-985-1870	<b>STRUCTURAL ENGINEER:</b> <b>POINT 2 STRUCTURAL ENGINEERS</b> 3701 BUSINESS DRIVE, SUITE 100 SACRAMENTO, CA 95820 916-452-8200
<b>LANDSCAPING:</b> <b>MTW GROUP LANDSCAPE ARCHITECTURE</b> 2707 K STREET, SUITE 201 SACRAMENTO, CA 95816 916-369-3990	<b>ELECTRICAL ENGINEER:</b> <b>M.NEELS ENGINEERING</b> 100 HOW AVENUE, SUITE 235 N. SACRAMENTO, CA 95825 916-923-4400
<b>MECHANICAL / PLUMBING:</b> <b>WESTON &amp; ASSOCIATES MECHANICAL ENGINEERS</b> 601 UNIVERSITY AVENUE, SUITE 260 SACRAMENTO, CA 95865 916-482-0920	<b>KITCHEN CONSULTANT:</b> <b>AMD FOODSERVICE DESIGN</b> GARDEN VALLEY, CA 95633 530-333-4606
<b>SECURITY CONSULTANT:</b> <b>KMM SERVICES INC.</b> 5433 EL CAMINO AVENUE, SUITE 5 CARMICHAEL, CA 95608 916-359-4000	

# VICINITY MAP



# DEFERRED SUBMITTAL

NONE.

# APPLICABLE CODES

2022 CALIFORNIA BUILDING STANDARD ADMINISTRATIVE CODE PART 1, TITLE 24 C.C.R.  
 2022 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24 C.C.R.  
 2022 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24 C.C.R.  
 2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.  
 2022 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24 C.C.R.  
 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.  
 2022 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24 C.C.R.  
 2022 CALIFORNIA REFERENCED STANDARD CODE PART 12, TITLE 24 C.C.R.  
 TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS  
 NFPA 72, NATIONAL FIRE ALARM CODE, WITH CALIFORNIA AMENDMENTS, 2022 EDITION  
 NFPA 13, AUTOMATIC SPRINKLER SYSTEM WITH CALIFORNIA AMENDMENTS, 2022 EDITION  
 NFPA 24, PRIVATE FIRE MAINS, 2019 EDITION  
 NFPA 14, STANDPIPE, PRIVATE FIRE HYDRANT HOSE SYSTEMS 2019 EDITION  
 REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2022 CBC CHAPTER 35 AND 2022 CFC CHAPTER 80  
 2012 ICC 300 BLEACHERS, FOLDING AND TELESCOPING SEATING AND GRANDSTANDS

THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IN FORCE ON THE DATE OF THE CONTRACT, UNLESS OTHERWISE STATED. NOTHING ON THE DRAWINGS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE.  
 COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, AND CBC CHAPTER 33, SAFETY DURING CONSTRUCTION WILL BE ENFORCED

# SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

## ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL

### CAMPUS RENEWAL

6254 13TH STREET  
SACRAMENTO, CA 95831

SACRAMENTO COUNTY

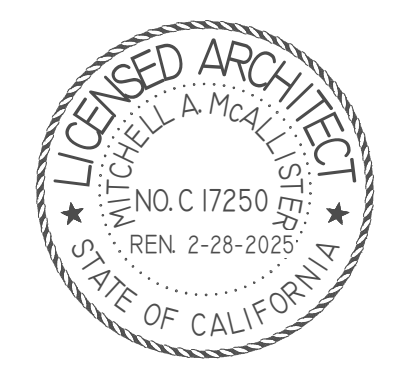
# SHEET INDEX

SHEET #	SHEET NAME	SHEET #	SHEET NAME
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GS101	FOVERALL SITE - FLS REVIEW	S1.1	GENERAL NOTES & TYPICAL DETAILS
		S1.2	GENERAL NOTES & TYPICAL DETAILS
		S1.3	GENERAL NOTES & TYPICAL DETAILS
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C0.1	CIVIL GENERAL NOTES AND ABBREVIATIONS	HC2020-2	20'X20'X12' HIP CANOPY DRAWINGS
C0.2	TOPOGRAPHIC SURVEY	HC2020-3	20'X20'X12' HIP CANOPY DRAWINGS
C0.3	UTILITY SURVEY	HC3030-1	30'X30'X12' HIP CANOPY DRAWINGS
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C1.2	UTILITY DEMOLITION PLAN	HC3030-3	30'X30'X12' HIP CANOPY DRAWINGS
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C5.1	STRIPING PLAN	HS3030-2	30'X30'X14'16' HYPAR SHADE DRAWINGS
C6.1	SITE DETAILS	TS3030-1	30'X30'X14'16' TRIANGULAR SHADE DRAWINGS
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AS102	ENLARGED CAMPUS ENTRY AND KINDER AREA ARCH'L SITE PLAN		
AS103	ENLARGED AREA ARCHITECTURAL SITE PLANS		
AS104	MAIN PLAY AREA STRIPING PLAN		
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AS502	SITE DETAILS		
AS503	SITE DETAILS		
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A181	OVERALL CAMPUS REFLECTED CEILING PLANS		
A184	KITCHEN ELECTRIFICATION PARTIAL REFLECTED CEILING PLANS		
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A222	EXTERIOR ELEVATIONS		
A223	EXTERIOR ELEVATIONS		
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M161	MECHANICAL ENLARGED KITCHEN ROOF PLANS		
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M802	TITLE 24 ENERGY COMPLIANCE		
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TOTAL SHEETS: 85



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 ARCHITECT:



CONSULTANT:  
 PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
 6254 13TH STREET  
 SACRAMENTO, CA 95831

# CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
 5735 47TH AVENUE  
 SACRAMENTO, CA 95824  
 SACRAMENTO COUNTY

KEY PLAN:

Statement of General Conformance  
 FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS  
 (Application No. \_\_\_\_\_ File No. \_\_\_\_\_ )

The drawings or sheets listed on the cover or index sheet  
 This drawing, page of specifications/calculations have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:  
 1) Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and  
 2) Coordinator with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344' of Title 24, Part 1, (Title 24, Part 1, Section 4-317 [b])

I find that:  All drawings or sheets listed on the cover or index sheet  
 This drawing or page  
 is/are in general conformance with the project design intent, and  
 has/have been coordinated with the project plans and specifications.  
 is/are in general conformance with the project design intent, and  
 has/have been coordinated with the project plans and specifications.

Signature	Date	Signature	Date
MITCHELL A. MCALLISTER			
Print Name	Print Name		
C17250	2-28-2025		
License Number	Expiration Date	License Number	Expiration Date

SHEET TITLE:  
**COVER SHEET**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	
REVISION:	<b>G001</b>

A

B

C

D

E

1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SEE TO IT THAT ALL MATERIALS AND/OR WORK DESCRIBED, DEPICTED OR DETAILED WITHIN THESE DOCUMENTS, BE FURNISHED AND/OR INSTALLED REGARDLESS OF THE LOCATION OF THAT MATERIAL OR WORK WITHIN THE DOCUMENTS OR OMISSION (WHETHER DELIBERATE OR ACCIDENTAL) OF THAT MATERIAL OR WORK BY A SUBCONTRACTOR OR HIS/HER BID.

2. ALL CONTRACTORS, WHETHER THE GENERAL OR SUB, SHALL CONSIDER THESE DOCUMENTS IN THEIR ENTIRETY. DISCREPANCIES OR CONTRADICTIONS BETWEEN PORTIONS OF THESE DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT LEAST 48 HRS PRIOR TO BID OPENING FOR CLARIFICATION. OTHERWISE EITHER DESCRIPTION OR INSTRUCTION SHALL BE IN FORCE UNTIL ONE IS OMITTED BY THE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.

3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY FENCING AND GATES, SIGNAGE, SECURITY LIGHTING OR OTHER SECURITY AND CONTROL MEASURES NECESSARY TO PROVIDE FOR THE SAFETY OF STUDENTS, FACULTY AND STAFF AROUND THE WORK, UNTIL THE COMPLETION OF THE WORK UNLESS OTHERWISE DETERMINED BY THE ARCHITECT OR CONSTRUCTION MANAGER.

4. THE CONTRACTOR IS RESPONSIBLE TO REPAIR AND/OR REPLACE ALL DISTRICT PROPERTY DAMAGED DURING THE COURSE ON THE WORK, ESPECIALLY BUT NOT LIMITED TO ASPHALT PAVING AROUND THE SITE, STAGING AREA OR PATH OF TRAVEL TO EITHER.

5. THE CONTRACTOR SHALL LIMIT HIS/HER ACTIVITY TO THE AREA DESCRIBED WITHIN THE DOCUMENTS SO AS TO LIMIT HIS/HER LIABILITY FOR DAMAGED PROPERTY UNLESS OTHERWISE PERMITTED BY THE CONSTRUCTION MANAGER OR OWNER.

6. ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ALL APPLICABLE CODES. SEE LIST THIS SHEET.

7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION EXCEPT DSA APPROVAL.

8. ALL DIMENSIONS SHALL BE FACE OF STUD, UNLESS OTHERWISE NOTED. DIMENSIONS NOTED AS "CLR" MEAN CLEAR DIMENSION TO FACE OF FINISH. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND.

9. ALL ITEMS IN THESE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED.

10. SCHEDULE ALL WORK OUTSIDE THE "TEXT OF WORK" SET FORTH IN THESE DOCUMENTS WITH THE CONSTRUCTION MANAGER INCLUDING ACCESS AND STORAGE. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF CONSTRUCTION.

11. ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL EXISTING FACILITIES TO REMAIN MUST BE MAINTAINED IN SERVICE AT ALL TIMES. ANY SHUT DOWNS FOR NEW CONNECTIONS MUST BE COORDINATED WITH THE CONSTRUCTION MANAGER TWO WEEKS PRIOR TO THE REQUESTED SHUT DOWN.

12. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY ITEMS DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK. INSTALLATION SHALL MATCH EXISTING IN KIND, QUALITY, AND PERFORMANCE.

13. THE CONTRACTOR SHALL CONTAIN ALL DUST AND DEBRIS TO THE CONSTRUCTION AREA. BROOM CLEAN ALL SIDEWALKS AND DRIVEWAYS EACH DAY. KEEP DIRT AND DUST TO A MINIMUM.

14. ALL REMODELED ITEMS LISTED TO BE SALVAGED FOR THE OWNER SHALL BE DELIVERED TO A PLACE OF STORAGE AS DIRECTED BY THE OWNER. ALL OTHER ITEMS MUST BE DISPOSED OF OFF SITE IN A LEGAL MANNER.

15. ALL WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC AND TO OCCUPANTS OF EXISTING BUILDINGS.

16. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE 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.

A. COORDINATION WITH OTHER CONTRACTS: IF ANY PART OF THIS CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITING TO THE CONSTRUCTION MANAGER ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE OF THIS CONTRACTOR TO SO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTOR'S WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.

B. COORDINATION SCHEDULE: PORTIONS OF WORK UNDER THIS CONTRACTOR'S WORK MUST BE COMPLETED ON SCHEDULE IN ORDER FOR OTHER NOT-IN-CONTRACT WORK TO BE COMPLETED BY OTHERS. COORDINATION WITH THE CONSTRUCTION MANAGER AND STRICT ADHERENCE TO THE COMPLETION DATES FOR DESIGNATED PORTIONS OF WORK ARE IMPERATIVE. SEE SPECIFICATIONS FOR LIQUIDATED DAMAGES.

17. DEMOLITION IS NOT NECESSARILY LIMITED TO ONLY WHAT IS SHOWN ON THIS OR OTHER DRAWINGS OR AS OUTLINED IN THE SPECIFICATIONS. THE INTENT IS TO INDICATE GENERAL SCOPE OF DEMOLITION REQUIRED TO COMPLETE THE PROJECT WITH THE CONSTRUCTION DOCUMENTS.

18. OF PARTICULAR IMPORTANCE IS THE NEED FOR CONTRACTOR TO ASSURE THAT ALL PERSONS ENTERING A POSSIBLY HAZARDOUS AREA, INCLUDING SUPERINTENDENTS, WORKERS, SUBCONTRACTORS, OTHER CONTRACTORS, AND OTHER PERSONS NOT UNDER CONTRACTUAL CONTROL TO THE CONTRACTOR, ARE AWARE OF PROCEDURES.

19. SPECIAL ATTENTION IS CALLED TO THE REQUIREMENT OF THE CONTRACTOR TO COMPLY WITH DSA REQUIREMENTS IN GENERAL AND WITH REGULATIONS INVOLVING ASBESTOS IN PARTICULAR. THESE REGULATIONS ARE STATED IN SECTION 5208, ASBESTOS REGULATIONS OF TITLE 8, CALIFORNIA CODES OF REGULATIONS. THIS SECTION STIPULATES THAT THE CONTRACTOR MUST INITIATE REPORTS, TESTS, SIGNS AND OTHER ACTIVITIES UNDER CERTAIN JOB CONDITIONS.

20. ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE STOPPED AND SEALED TO MAINTAIN THE REQUIRED RATING.

21. DETAIL DRAWINGS WITH REFERENCES TO FIRE-RATED ASSEMBLIES OR CONSTRUCTION WHICH HAVE BEEN TESTED BY UNDERWRITERS LABORATORIES, THE CALIFORNIA BUILDING CODE OR ANY OTHER APPROVED TESTING AGENCY, SHALL BE CONSTRUED TO INDICATE ALL CONSTRUCTION AND PROCEDURES CONTAINED IN THE REFERENCED ASSEMBLY FOR CONSTRUCTION.

22. CONTRACTOR TO MAINTAIN CONTEMPORANEOUSLY RECORDED "AS-BUILT" INFORMATION OF ALL WORK, WHICH SHALL BE MARKED IN COLOR ON THE DRAWINGS AND SPECIFICATIONS. A SCANNED PDF OF THE "AS-BUILT" DRAWINGS AND SPECIFICATIONS SHALL BE TURNED OVER TO THE OWNER'S REPRESENTATIVE PRIOR TO FINAL APPLICATION FOR PAYMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

23. SAFETY DURING DEMOLITION AND CONSTRUCTION MUST COMPLY WITH CFC CHAPTER 33

### GENERAL PROJECT NOTES

1/4" = 1'-0"

1. ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)

2. A COPY OF PARTS 1 AND 2, TITLE 24 C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.

3. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-336, PART 1, TITLE 24, CCR AND PER DSA IR A-6.

4. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.

5. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

6. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.

7. A "DSA CERTIFIED" CLASS 2 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333 (B).

8. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.

9. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM DSA-6 IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART 1, TITLE 24.

10. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(A) AND 4-341, PART 1, TITLE 24.

11. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343, PART 1, TITLE 24.

12. NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO THE DSA FOR APPROVAL.

13. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.

14. CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY THE FOLLOWING:  
- ARCHITECT OR ENGINEER OF RECORD  
- STRUCTURAL ENGINEER (WHEN APPLICABLE)  
- DELEGATED PROFESSIONAL ENGINEER, DSA

15. MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH APPLICABLE CODES, STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.

16. PER CBC 11B-104.1 "ALL DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS.

17. NEWLY INSTALLED AND/OR UPGRADED FIRE ALARM:  
a) THE ENTIRE LENS OF STROBE LIGHT IS BETWEEN 80° AND 96°  
b) FLASH RATE SHALL NOT EXCEED 2 FLASHES PER SECOND NOR LESS THAN 1 FLASH PER SECOND  
c) MANUAL ALARM ACTIVATING HANDLE 42"-48"  
d) BOXES TO COMPLY WITH CBC 11B-309.4, NO TIGHT GRASPING, PINCHING OR TWISTING OF THE WIRES

### ADMINISTRATIVE NOTES

1/4" = 1'-0"

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTION PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.

A LIST OF CERTIFIED ATT CAN BE FOUND AT: <https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/acceptance>

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION / INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

### CEC GENERAL NOTE

1/4" = 1'-0"



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ARCHITECT:



CONSULTANT:

PROJECT NAME:

**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**

6254 13TH STREET SACRAMENTO, CA 95831

### CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE SACRAMENTO, CA 95824

SACRAMENTO COUNTY

KEY PLAN:



SHEET TITLE:  
**GENERAL PROJECT NOTES**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>G002</b>
REVISION:	

**G002**



### GENERAL NOTES

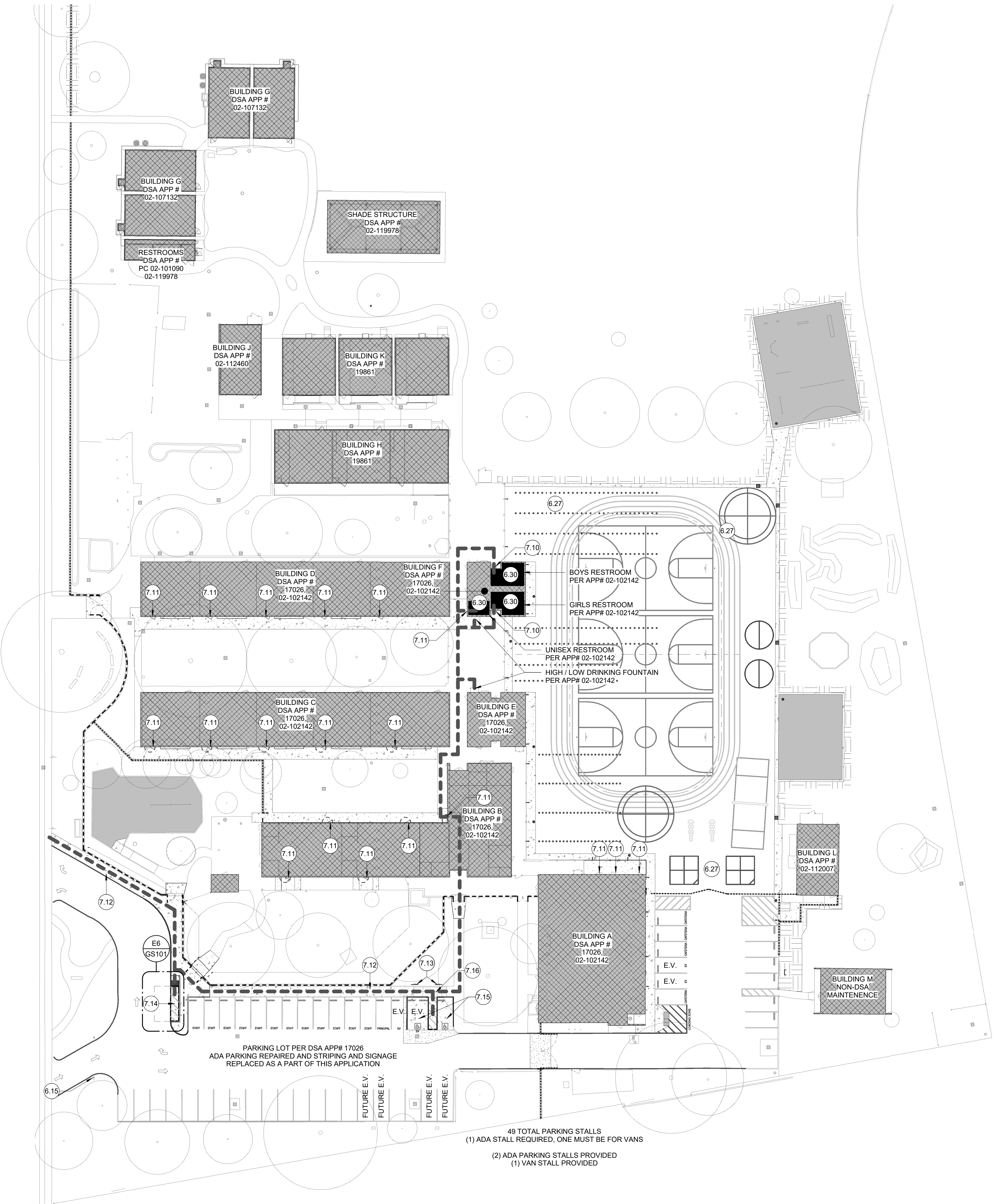
- PATH OF TRAVEL (P.O.T.) IS INDICATED AS :
    - A COMMON BARRIER FREE ACCESSIBLE ROUTE AT LEAST 48" WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL
    - THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH.
    - PASSING SPACES AT LEAST 5'-0" x 5'-0" ARE LOCATED NOT MORE THAN 20' APART (11B-403.5.3)
    - CONTINUOUS GRADIENTS HAVE 60" LEVEL AREA NO MORE THAN 400' APART (11B-403.7)
    - THE CROSS SLOPE DOES NOT EXCEED 2% AND 5% MAX SLOPE IN THE DIRECTION OF TRAVEL
    - 8% MAX SLOPE IN THE DIRECTION OF TRAVEL AS INDICATED AS A RAMP.
    - MAINTAIN P.O.T. FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM. PROTRUDING OBJECTS GREATER THEN 4" PROJECTION FROM WALL OR EDGE AND 27" ABOVE FINISH GRADE (11B-307.2)
  - MEDIUM BROOM FINISH ON ALL NEW CONCRETE WALKS LESS THAN 5% SLOPE, HEAVY BROOM FINISH GREATER THAN 5% SLOPE.
  - STORAGE OF ALL CONSTRUCTION MATERIAL AND EFFECT OF WORK ON (E) OCCUPIED AREAS SHALL BE APPROVED BY LOCAL FIRE AUTHORITY.
  - ALL GATES ALONG THE FIRE TRUCK ROUTE SHALL BE 20'-0" CLEAR U.O.N.
  - ALL NEW CONCRETE WALKS WILL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM 5% SLOPE IN THE DIRECTION OF TRAVEL, TYP.
  - DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS, AS PART OF THE DESIGN OF THIS PROJECT THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
  - ALL PEDESTRIAN GATES ALONG THE IDENTIFIED PATH OF TRAVEL AND ACCESSIBLE.
    - DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THIS PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON-COMFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.
- NOTE: ALL RESTROOMS AND DRINKING FOUNTAINS HAVE BEEN VERIFIED TO BE COMPLIANT BY DESIGN PROFESSIONAL ONSITE.**

### LEGEND

- EXISTING CAMPUS BUILDINGS
- PATH OF TRAVEL (P.O.T.), REFER TO GENERAL NOTES.
- KEYED NOTE, REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAG WITHOUT LEADER APPLIES TO THE ENTIRE ROOM OR SURFACE IN WHICH (ON WHICH) THE TAG IS LOCATED. KEYED NOTES MAY SKIP NUMBERS.
- 6" TALL ORNAMENTAL FENCING ASSEMBLY, CORE INTO (E) CONCRETE WHERE APPLICABLE. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW STRIP WHERE FENCING IS WITHIN LANDSCAPE AREAS; PROVIDE (2) #4 CONTINUOUS REBAR WITHIN MOW STRIP.
- BLACK VINYL-COATED CHAIN LINK FENCE ASSEMBLY, CORE INTO (E) PAVING WHERE APPLICABLE. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW STRIP WHERE WITHIN LANDSCAPE AREAS W/ (2) #4 CONTINUOUS REBAR WITHIN MOW STRIP. REFER TO KEYED NOTES FOR EACH FENCE SEGMENT HEIGHT.

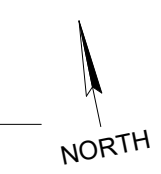
### KEYED NOTES

- (E) ADA-COMPLIANT 'TOW-AWAY' SIGN TO REMAIN.
- 6.27 ALL REPLACEMENT HARDCOURT PAVING SHALL BE SLOPED LESS THAN 2% IN ANY DIRECTION, TYP. REFER TO CIVIL.
- 6.28 PASSENGER LOADING SIGNAGE INDICATING "PASSENGER LOADING ZONE" MOUNTED ON NEW POST. REFER TO DETAIL D1/AS503.
- 6.30 (E) COMPLIANT TOILET ROOMS PER APPLICATION #02-102142. VERIFIED BY AOR ON SITE.
- 6.74 CAST-IN-PLACE TRUNCATED DOME ASSEMBLY FULL WIDTH OF WALKWAY (WITHIN 2" OF EDGES), 3' LONG IN DIRECTION OF PEDESTRIAN TRAVEL.
- 7.10 (E) ADA-COMPLIANT DOORWAY THRESHOLDS TO REMAIN.
- 7.11 NON-COMPLIANT THRESHOLD REPAIRED AS A PART OF THIS APPLICATION.
- 7.12 NON-COMPLIANT WALKWAY REPAIRED AS A PART OF THIS APPLICATION.
- 7.13 NON-COMPLIANT ADA PARKING SIGNAGE REPAIRED AS A PART OF THIS APPLICATION.
- 7.14 ADA-COMPLIANT PASSENGER-LOADING ZONE PROVIDED AS A PART OF THIS APPLICATION.
- 7.15 NON-COMPLIANT ADA PARKING REPAIRED AS A PART OF THIS APPLICATION.
- 7.16 (E) ADA-COMPLIANT TRUNCATED DOMES AND CURB CUTS TO REMAIN.
- 7.20 4" WIDE FEDERAL BLUE BORDER.
- 7.21 4" WIDE WHITE DIAGONAL LINES AT 30° O.C.
- 7.22 ENTIRE 9' WIDE x 20' LONG VEHICLE AREA TO BE AT 2% MAXIMUM SLOPE.
- 7.23 ENTIRE 9' WIDE x 20' LONG PASSENGER LOADING ZONE TO BE AT 2% MAXIMUM SLOPE.
- 7.24 CURB CUT AT 8% MAXIMUM SLOPE, AND 6" MAXIMUM RISE. REFER TO CIVIL GRADING PLAN.

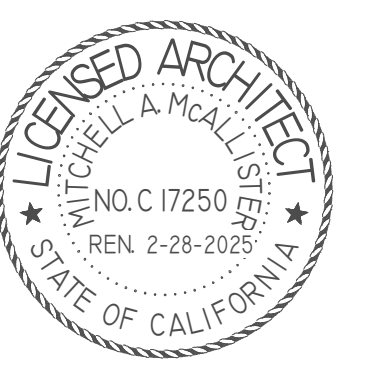


**E6** PASSENGER LOADING ZONE  
1/4" = 1'-0"

**1** OVERALL SITE PLAN - ACCESSIBILITY REVIEW  
1" = 30'-0"



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CONSULTANT:

PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
6254 13TH STREET  
SACRAMENTO, CA 95831

### CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:

↑

SHEET TITLE:  
**SITE PLAN - OVERALL ACCESSIBILITY REVIEW**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>GS101</b>
REVISION:	



FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION
School District/Owner: Sacramento City School District
Project Name/School: Alice Birney Public Waldorf TK-8 School
Project Address: 6251 13th St. Sacramento, CA 95831
FIRE & LIFE SAFETY INFORMATION
1. Has a fire hydrant flow test been performed within the past 12 months?
2. Was the fire hydrant water flow test performed as part of this LFA review?
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire?

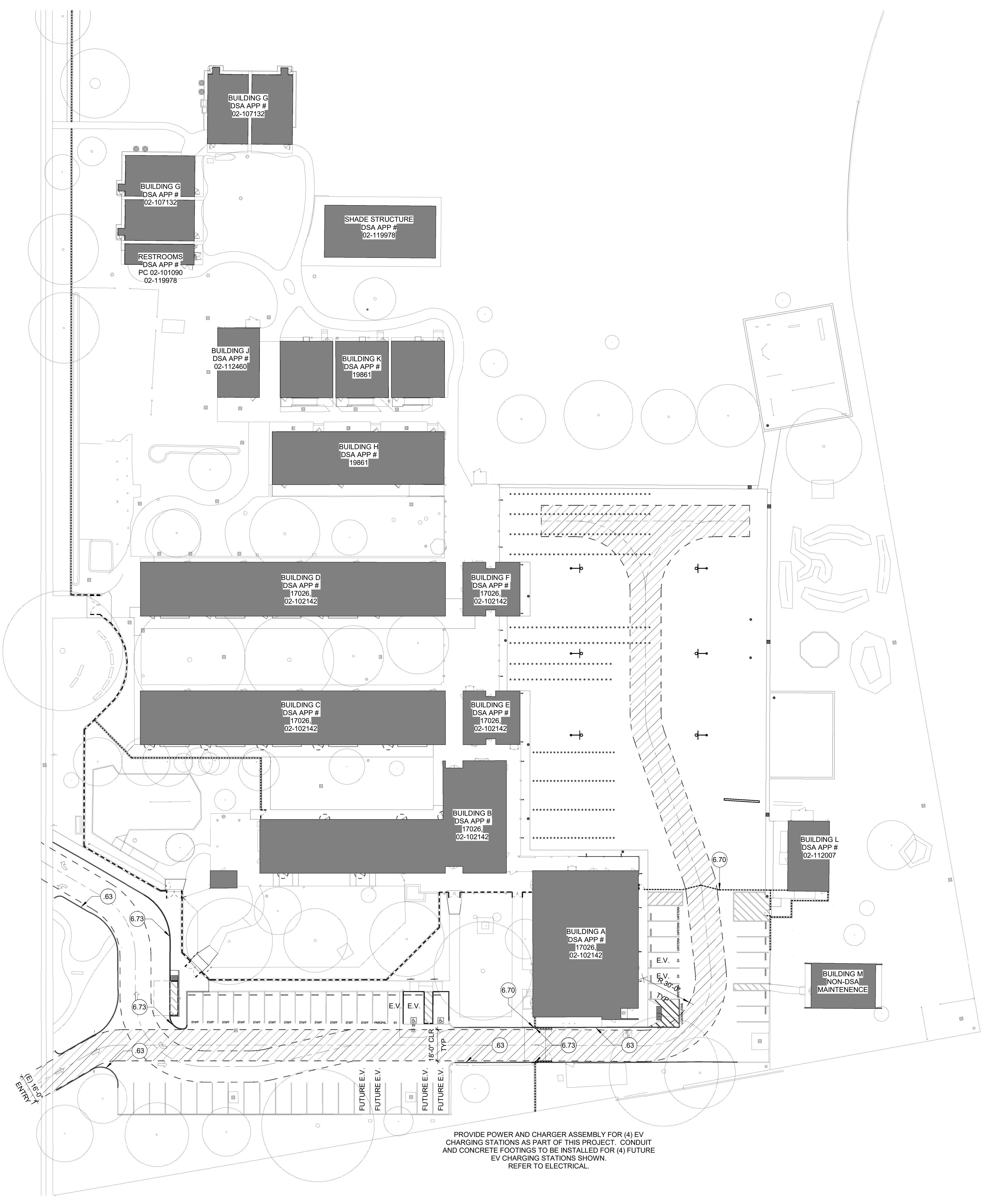
DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Table with 4 columns: CONDITION MEANS AND METHODS RESOLUTION, ALTERNATE ACCEPTED (Yes, No, N/A, N/R). Rows include emergency vehicle access, fire hydrants, and fire department connections.

School District Acceptance of Acceptable Design Alternates
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements...

Accepted by: \_\_\_\_\_ Title: \_\_\_\_\_
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

LOCAL FIRE AUTHORITY (LFA) INFORMATION
LFA Agency Name:
LFA Review Official:
Title: Work Phone:
Work Email:
LFA Reviewer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_



1 SITE PLAN
1" = 30'-0"

GENERAL NOTES

- 1. ALL (E) GATES ALONG THE FIRE TRUCK ROUTE SHALL BE MIN. 20'-0" CLEAR U.O.N.
2. PROVIDE KNOX PADLOCKS AT ALL EXISTING AND NEW GATES ALONG THE FIRE TRUCK ROUTE...
3. FIRE TRUCK ROUTE TO MAINTAIN 20'-0" MIN. WIDTH U.O.N. BOTH SIDES PAINTED 12' WIDE RED LINES WITH "FIRE LANE - NO PARKING" AT 25'-0" INTERVALS...

LEGEND

- EXISTING CAMPUS BUILDINGS WITH RENEWED FINISHES AS A PART OF THIS PROJECT.
18' WIDE FIRE LANE, TYP. (16' WIDE AT EXISTING ENTRY) PAINT ADJACENT CURB RED WHERE INDICATED.
E.V. DESIGNATES ELECTRIC VEHICLE CHARGING SPACES PROVIDED AS A PART OF THIS PROJECT...

KEYED NOTES

- 63 (E) CURB PAINTED RED. PROVIDE 5" TALL WHITE LETTERING AT TOP OF CURB WHICH INDICATES "FIRE LANE - NO PARKING" AT 25' INTERVALS.
6.70 PROVIDE NEW STAINLESS STEEL KNOX BOX ATTACHED TO GATE POST AT 60" AFG.
6.73 PAINT NEW CURB RED. PROVIDE 5" TALL WHITE TEXT INDICATING "FIRE LANE - NO PARKING" AT 25-FOOT INTERVALS.



PROJECT NAME: ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL
6254 13TH STREET SACRAMENTO, CA 95831

CAMPUS RENEWAL
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT
5735 47TH AVENUE SACRAMENTO, CA 95824
SACRAMENTO COUNTY

KEY PLAN
SHEET TITLE: OVERALL SITE - LFA REVIEW
JOB NUMBER: SHEET NUMBER:
DATE: JAN 5, 2024
REVISION: GS101F



GENERAL NOTES:

- 1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY...
2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS...
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION...
4. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION...
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY...
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION AND/OR OBSERVATIONS...
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE...
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION...
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE...
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS...
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM...
12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS...
13. CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT...
14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING...
15. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS...
16. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE...
17. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER...
18. ALL CONTRACTION/CONSTRUCTION JOINTS "C.J." SHALL BE 1/4 THE SLAB THICKNESS DEEP...
19. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING...
20. 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION...
21. SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS...
22. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED...
23. REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01.



CIVIL ABBREVIATIONS AND LEGEND

Table with columns for ABBREVIATIONS and LEGEND. Includes symbols for proposed grading & drainage, sanitary sewer, and water systems.

GENERAL PAVING SURFACE NOTES:

- 1. PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%. TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER...
2. ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0% AND NO LESS THAN 0.75% IN ANY DIRECTION...
- NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
- NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
- NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.

CIVIL SHEET INDEX

Table listing sheet indices: CO.1 - CIVIL GENERAL NOTES AND ABBREVIATIONS, CO.2 - TOPOGRAPHIC SURVEY, CO.3 - UTILITY SURVEY, C1.1 - DEMOLITION PLAN, C1.2 - UTILITY DEMOLITION PLAN, C1.3 - ENGINEERED FILL PLAN, C2.1 - GRADING PLAN, C3.1 - UTILITY PLAN, C4.1 - PAVING PLAN, C5.1 - STRIPING PLAN, C6.1 - SITE DETAILS, C6.2 - UTILITY DETAILS, C6.3 - STRIPING DETAILS.

DEMOLITION GENERAL NOTES

- 1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS...
2. NO BURNING OR BLASTING SHALL BE PERMITTED.
3. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS...
4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
6. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN IN THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY...
7. THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON...
8. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
9. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
10. EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.

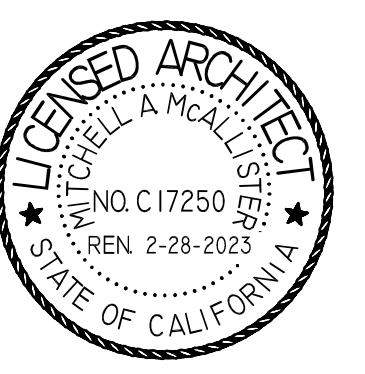
CONCRETE SAWCUT NOTE
SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN...

UTILITY VERIFICATION NOTE
PRIOR TO THE START OF CONSTRUCTION, LOCATE AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

IRRIGATION DEMOLITION NOTE
WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN...



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WARREN CONSULTING ENGINEERS, INC. 1117 HENRIEFIELD WAY, SUITE 118 EL DORADO HILLS, CA 95762 (916) 985-1870

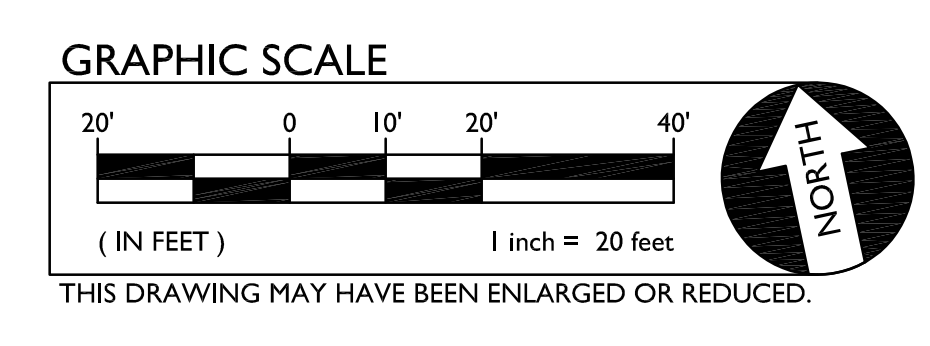
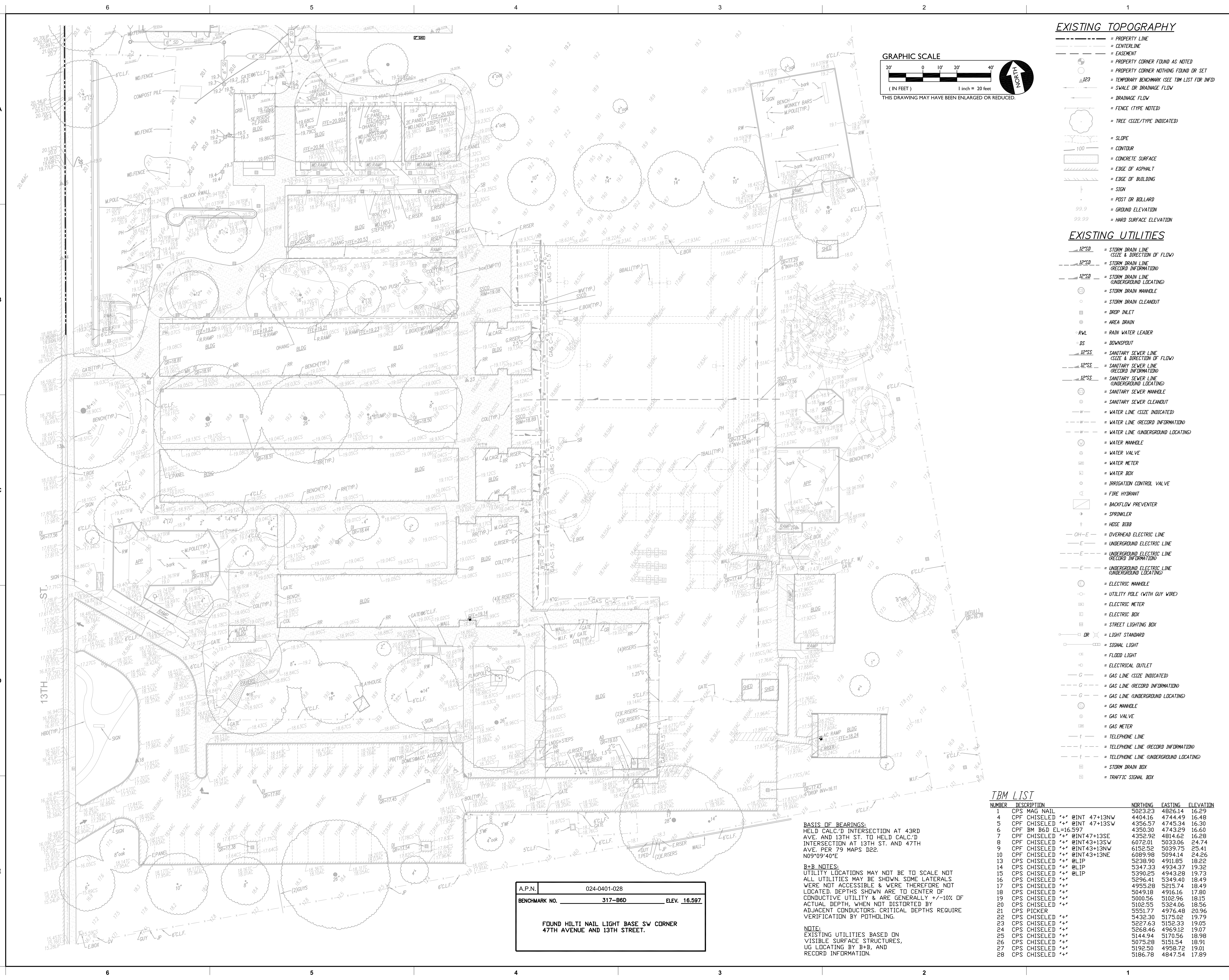
ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL 6254 13TH STREET SACRAMENTO, CA 95831

CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT 5735 47TH AVENUE SACRAMENTO, CA 95824 SACRAMENTO COUNTY

KEY PLAN, SHEET TITLE: CIVIL GENERAL NOTES AND ABBREVIATIONS, JOB NUMBER, SHEET NUMBER: C0.1, DATE: JAN 5, 2024, REVISION:





- EXISTING TOPOGRAPHY**
- = PROPERTY LINE
  - = CENTERLINE
  - = EASEMENT
  - = PROPERTY CORNER FOUND AS NOTED
  - = PROPERTY CORNER NOTHING FOUND OR SET
  - = TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
  - = SWALE OR DRAINAGE FLOW
  - = DRAINAGE FLOW
  - = FENCE (TYPE NOTED)
  - = TREE (SIZE/TYP. INDICATED)
  - = SLOPE
  - = CONTOUR
  - = CONCRETE SURFACE
  - = EDGE OF ASPHALT
  - = EDGE OF BUILDING
  - = SIGN
  - = POST OR BOLLARD
  - = GROUND ELEVATION
  - = HARD SURFACE ELEVATION

- EXISTING UTILITIES**
- 12"SD --- = STORM DRAIN LINE (SIZE & DIRECTION OF FLOW)
  - 12"SD --- = STORM DRAIN LINE (RECORD INFORMATION)
  - 12"SD --- = STORM DRAIN LINE (UNDERGROUND LOCATING)
  - = STORM DRAIN MANHOLE
  - = STORM DRAIN CLEANOUT
  - = AREA DRAIN
  - = R.V.L. = RAIN WATER LEADER
  - = DOWNSPOUT
  - 12"SS --- = SANITARY SEWER LINE (SIZE & DIRECTION OF FLOW)
  - 12"SS --- = SANITARY SEWER LINE (RECORD INFORMATION)
  - 12"SS --- = SANITARY SEWER LINE (UNDERGROUND LOCATING)
  - = SANITARY SEWER MANHOLE
  - = SANITARY SEWER CLEANOUT
  - = WATER LINE (SIZE INDICATED)
  - = WATER LINE (RECORD INFORMATION)
  - = WATER LINE (UNDERGROUND LOCATING)
  - = WATER MANHOLE
  - = WATER VALVE
  - = WATER METER
  - = WATER BOX
  - = IRRIGATION CONTROL VALVE
  - = FIRE HYDRANT
  - = BACKFLOW PREVENTER
  - = SPRINKLER
  - = HOSE BIBB
  - OH-E --- = OVERHEAD ELECTRIC LINE
  - E --- = UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
  - E --- = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
  - = ELECTRIC MANHOLE
  - = UTILITY POLE (WITH GUY WIRE)
  - = ELECTRIC METER
  - = ELECTRIC BOX
  - = STREET LIGHTING BOX
  - = LIGHT STANDARD
  - = SIGNAL LIGHT
  - = FLOOD LIGHT
  - = ELECTRICAL OUTLET
  - G --- = GAS LINE (SIZE INDICATED)
  - G --- = GAS LINE (RECORD INFORMATION)
  - G --- = GAS LINE (UNDERGROUND LOCATING)
  - = GAS MANHOLE
  - = GAS VALVE
  - = GAS METER
  - T --- = TELEPHONE LINE
  - T --- = TELEPHONE LINE (RECORD INFORMATION)
  - T --- = TELEPHONE LINE (UNDERGROUND LOCATING)
  - = STORM DRAIN BOX
  - = TRAFFIC SIGNAL BOX

**TBM LIST**

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	CPS MAG NAIL	5023.23	4826.14	16.29
4	CPF CHISELED ** @INT 47+13NW	4404.16	4744.49	16.48
5	CPF CHISELED ** @INT 47+13SW	4356.57	4745.34	16.30
6	CPF BM 36D EL-16.597	4350.30	4743.29	16.50
7	CPF CHISELED ** @INT 47+13SE	4352.92	4814.62	16.28
8	CPF CHISELED ** @INT 43+13SW	6072.01	5033.06	24.74
9	CPF CHISELED ** @INT 43+13NW	6152.52	5039.75	25.41
10	CPF CHISELED ** @INT 43+13NE	6089.98	5094.14	24.26
13	CPS CHISELED ** @LIP	5238.90	4911.85	18.22
14	CPS CHISELED ** @LIP	5347.33	4934.37	19.32
15	CPS CHISELED ** @LIP	5390.25	4943.28	19.73
16	CPS CHISELED **	5296.41	5349.40	18.49
17	CPS CHISELED **	4955.28	5215.74	18.49
23	CPS CHISELED **	5049.19	4916.16	17.50
19	CPS CHISELED **	5000.56	5102.96	18.15
20	CPS CHISELED **	5102.55	5324.06	18.56
21	CPS PICKER	5551.77	4976.48	20.96
22	CPS CHISELED **	5432.30	5175.02	19.79
23	CPS CHISELED **	5227.63	5152.33	19.05
24	CPS CHISELED **	5268.46	4969.12	19.07
25	CPS CHISELED **	5144.94	5170.56	18.98
26	CPS CHISELED **	5075.28	5151.54	18.91
27	CPS CHISELED **	5192.50	4958.72	19.01
28	CPS CHISELED **	5186.78	4847.54	17.89

**BASIS OF BEARINGS:**  
 HELD CALC'D INTERSECTION AT 43RD AVE AND 13TH ST. TO HELD CALC'D INTERSECTION AT 13TH ST. AND 47TH AVE. PER 79 MAPS D22. N09°09'40"E

**B+B NOTES:**  
 UTILITY LOCATIONS MAY NOT BE TO SCALE NOT ALL UTILITIES MAY BE SHOWN. SOME LATERALS WERE NOT ACCESSIBLE & WERE THEREFORE NOT LOCATED. DEPTHS SHOWN ARE TO CENTER OF CONDUCTIVE UTILITY & ARE GENERALLY +/-10% OF ACTUAL DEPTH, WHEN NOT DISTORTED BY ADJACENT CONDUCTORS. CRITICAL DEPTHS REQUIRE VERIFICATION BY POT-HOLING.

**NOTE:**  
 EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES, UG LOCATING BY B+B, AND RECORD INFORMATION.

A.P.N.	024-0401-028
BENCHMARK NO.	317-B6D
ELEV.	16.597

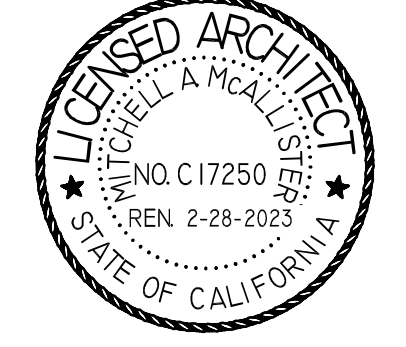
FOUND HILTI NAIL LIGHT BASE SW CORNER 47TH AVENUE AND 13TH STREET.



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PROJECT NAME:

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6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE  
 SACRAMENTO, CA 95824

SACRAMENTO COUNTY

KEY PLAN

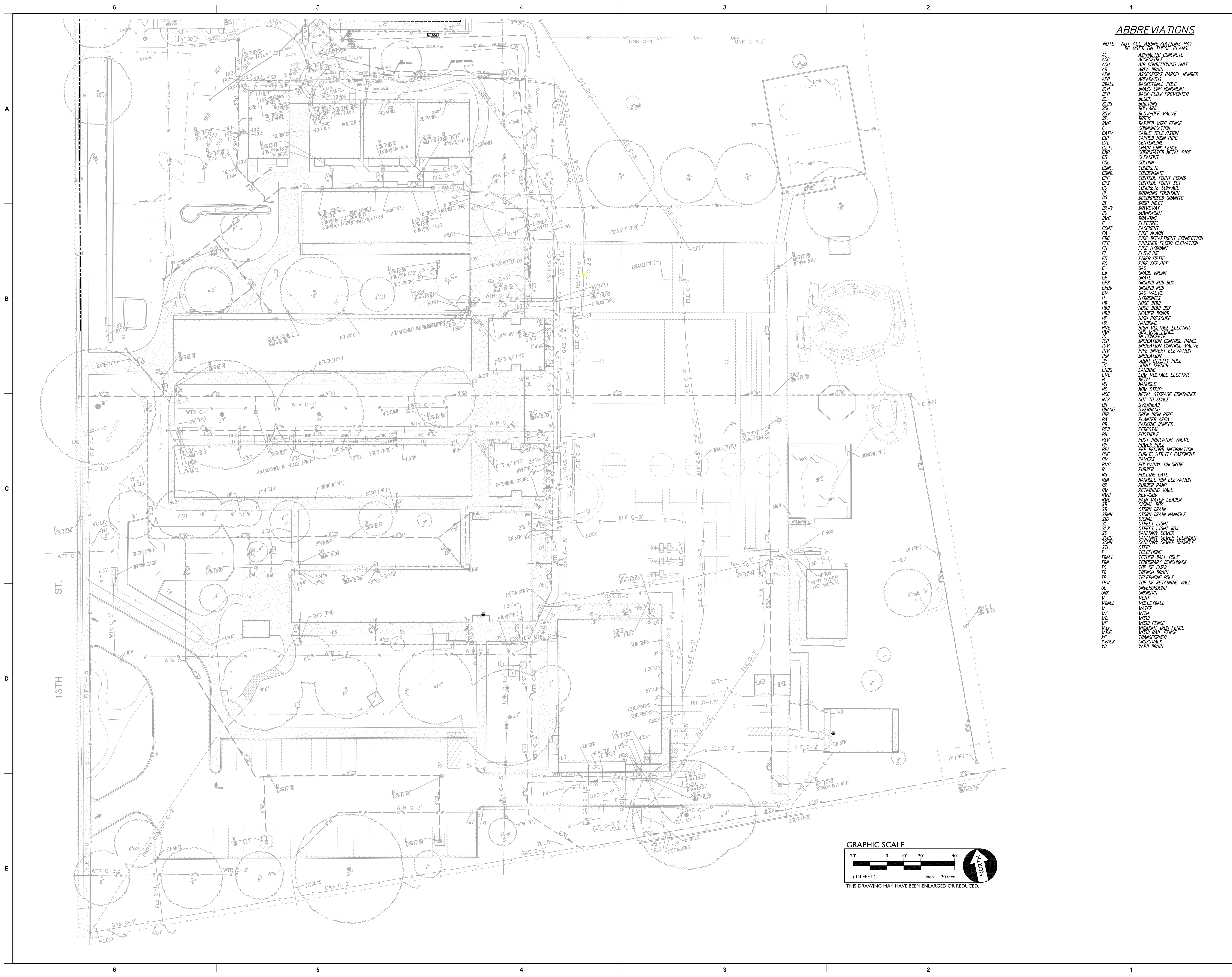
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SHEET TITLE:

**TOPOGRAPHIC SURVEY**

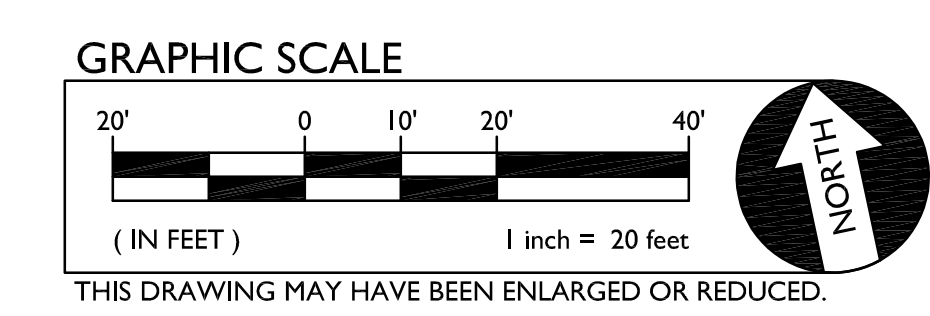
JOB NUMBER:	SHEET NUMBER:
DATE:	<b>C0.2</b>
REVISION:	





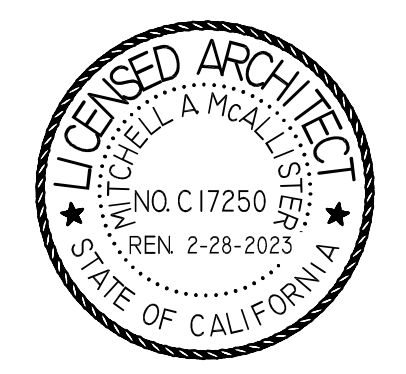
**ABBREVIATIONS**

- NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.
- AC ASPHALTIC CONCRETE
  - ACC ACCESSIBLE
  - ACU AIR CONDITIONING UNIT
  - AD AREA DRAIN
  - APN ASSESSOR'S PARCEL NUMBER
  - APP APPLICATOR'S
  - BBALL BASKETBALL POLE
  - BCM BRASS CAP MANHOLE
  - BCF BACKFLOW PREVENTER
  - BLK BLOCK
  - BLDG BUILDING
  - BOV BOLLARD
  - BRV BLOW-OFF VALVE
  - BRW BRICK
  - BWF BARBED WIRE FENCE
  - CATV COMMUNICATION
  - CIP CAPPED IRON PIPE
  - C/L CHAIN LINK FENCE
  - CMF CORRUGATED METAL PIPE
  - CLD CLEANOUT
  - COL COLUMN
  - CONC CONCRETE
  - COND CONDOR
  - CP CONTROL POINT FOUND
  - CPS CONTROL POINT SET
  - CS CONCRETE SURFACE
  - DF DRINKING FOUNTAIN
  - DG DECOMPOSED GRANITE
  - DRP DRAIN INLET
  - DRWY DRIVEWAY
  - DS DOWNSPURT
  - DWG DRAWING
  - E ELECTRIC
  - ESMT EASEMENT
  - FA FIRE ALARM
  - FDC FIRE DEPARTMENT CONNECTION
  - FFE FINISHED FLOOR ELEVATION
  - FH FIRE HYDRANT
  - FL FLOWLINE
  - FS FIBER OPTIC
  - FS FIRE SERVICE
  - G GAS
  - GB GRADE BREAK
  - GR GRATE
  - GRB GROUND ROD BOX
  - GRD GROUND
  - GV GAS VALVE
  - H HYDRONICS
  - HBB HOSE BIBB BOX
  - HBB HOSE BIBB BOARD
  - HBP HIGH PRESSURE
  - HR HANDRAIL
  - HVE HIGH VOLTAGE ELECTRIC
  - IF IN CONCRETE
  - ICP IRRIGATION CONTROL PANEL
  - ICV IRRIGATION CONTROL VALVE
  - INV INVERT ELEVATION
  - JUR JURISDICTION
  - JP JOINT UTILITY POLE
  - JT JOINT TRENCH
  - LNDS LANDING
  - LVE LOW VOLTAGE ELECTRIC
  - M METAL
  - MH MANHOLE
  - MS NEW STRIP
  - MSC METAL STORAGE CONTAINER
  - NTS NOT TO SCALE
  - OV OVERHEAD
  - DIP OPEN IRON PIPE
  - PA PLANTER AREA
  - PB PARKING BUMPER
  - PED PEDESTAL
  - PH POSTHOLE
  - PIV POST INDICATOR VALVE
  - PP POWER POLE
  - PER PER RECORD
  - PIE PUBLIC UTILITY EASEMENT
  - PV PAVERS
  - PVC POLYVINYL CHLORIDE
  - R RUBBER
  - RG ROLLING GATE
  - RM MANHOLE RIM ELEVATION
  - RR RUBBER RAMP
  - RW RETAINING WALL
  - RWB REINFORCED
  - RWL RAIN WATER LEADER
  - SB STORM BOX
  - SD STORM DRAIN
  - SMH STORM MANHOLE
  - SIG SIGN
  - SL STREET LIGHT
  - SLB STREET LIGHT BOX
  - SS SANITARY SEWER
  - SSCO SANITARY SEWER CLEANOUT
  - SSM SANITARY SEWER MANHOLE
  - STL STEEL
  - T TELEPHONE
  - TBALL TETHER BALL POLE
  - TBM TEMPORARY BENCHMARK
  - TD TIP OF CURB
  - TD TRENCH DRAIN
  - TELEPHONE POLE
  - TRW TIP OF RETAINING WALL
  - UNK UNKNOWN
  - V VENT
  - VBALL VOLLEYBALL
  - W WATER
  - WD WOOD
  - WF WOOD FENCE
  - WRF WROUGHT IRON FENCE
  - WRP WOOD RAIL FENCE
  - X TRANSFORMER
  - Y WALK
  - YD YARD DRAIN



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6254 13TH STREET  
SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

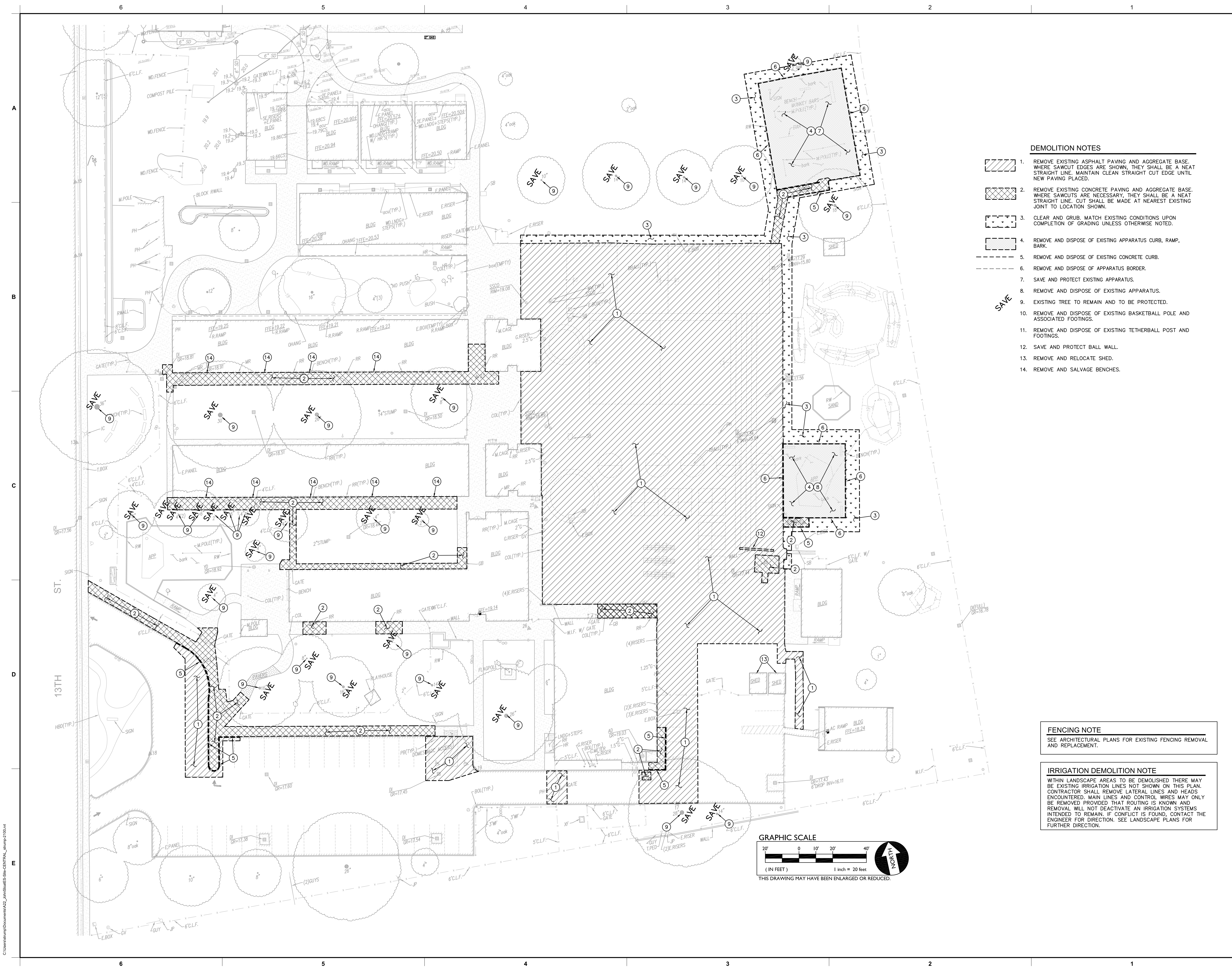
5735 47TH AVENUE  
SACRAMENTO, CA 95824

SACRAMENTO COUNTY

KEY PLAN	
SHEET TITLE: <b>UTILITY SURVEY</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C0.3</b>
REVISION:	

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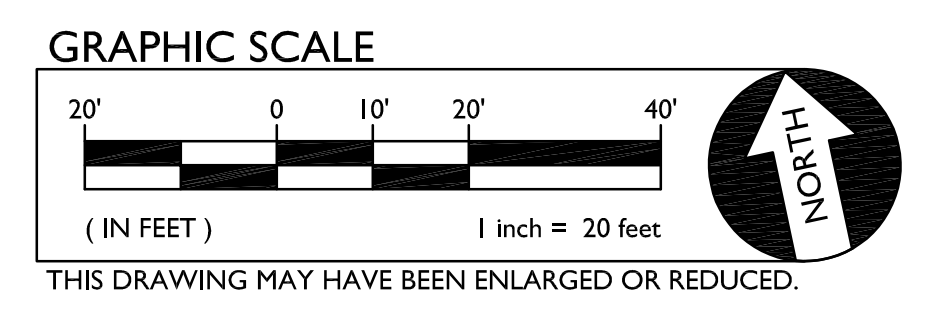


**DEMOLITION NOTES**

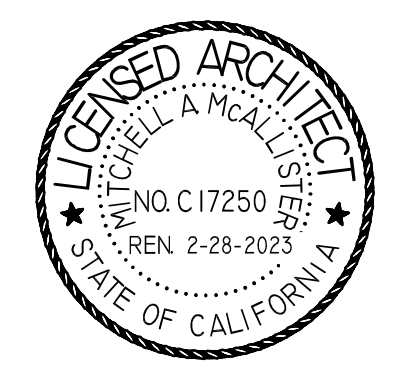
1. REMOVE EXISTING ASPHALT PAVING AND AGGREGATE BASE. WHERE SAWCUT EDGES ARE SHOWN, THEY SHALL BE A NEAT STRAIGHT LINE. MAINTAIN CLEAN STRAIGHT CUT EDGE UNTIL NEW PAVING PLACED.
2. REMOVE EXISTING CONCRETE PAVING AND AGGREGATE BASE. WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
3. CLEAR AND GRUB. MATCH EXISTING CONDITIONS UPON COMPLETION OF GRADING UNLESS OTHERWISE NOTED.
4. REMOVE AND DISPOSE OF EXISTING APPARATUS CURB, RAMP, BARK.
5. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB.
6. REMOVE AND DISPOSE OF APPARATUS BORDER.
7. SAVE AND PROTECT EXISTING APPARATUS.
8. REMOVE AND DISPOSE OF EXISTING APPARATUS.
9. EXISTING TREE TO REMAIN AND TO BE PROTECTED.
10. REMOVE AND DISPOSE OF EXISTING BASKETBALL POLE AND ASSOCIATED FOOTINGS.
11. REMOVE AND DISPOSE OF EXISTING TETHERBALL POST AND FOOTINGS.
12. SAVE AND PROTECT BALL WALL.
13. REMOVE AND RELOCATE SHED.
14. REMOVE AND SALVAGE BENCHES.

**FENCING NOTE**  
SEE ARCHITECTURAL PLANS FOR EXISTING FENCING REMOVAL AND REPLACEMENT.

**IRRIGATION DEMOLITION NOTE**  
WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION. SEE LANDSCAPE PLANS FOR FURTHER DIRECTION.



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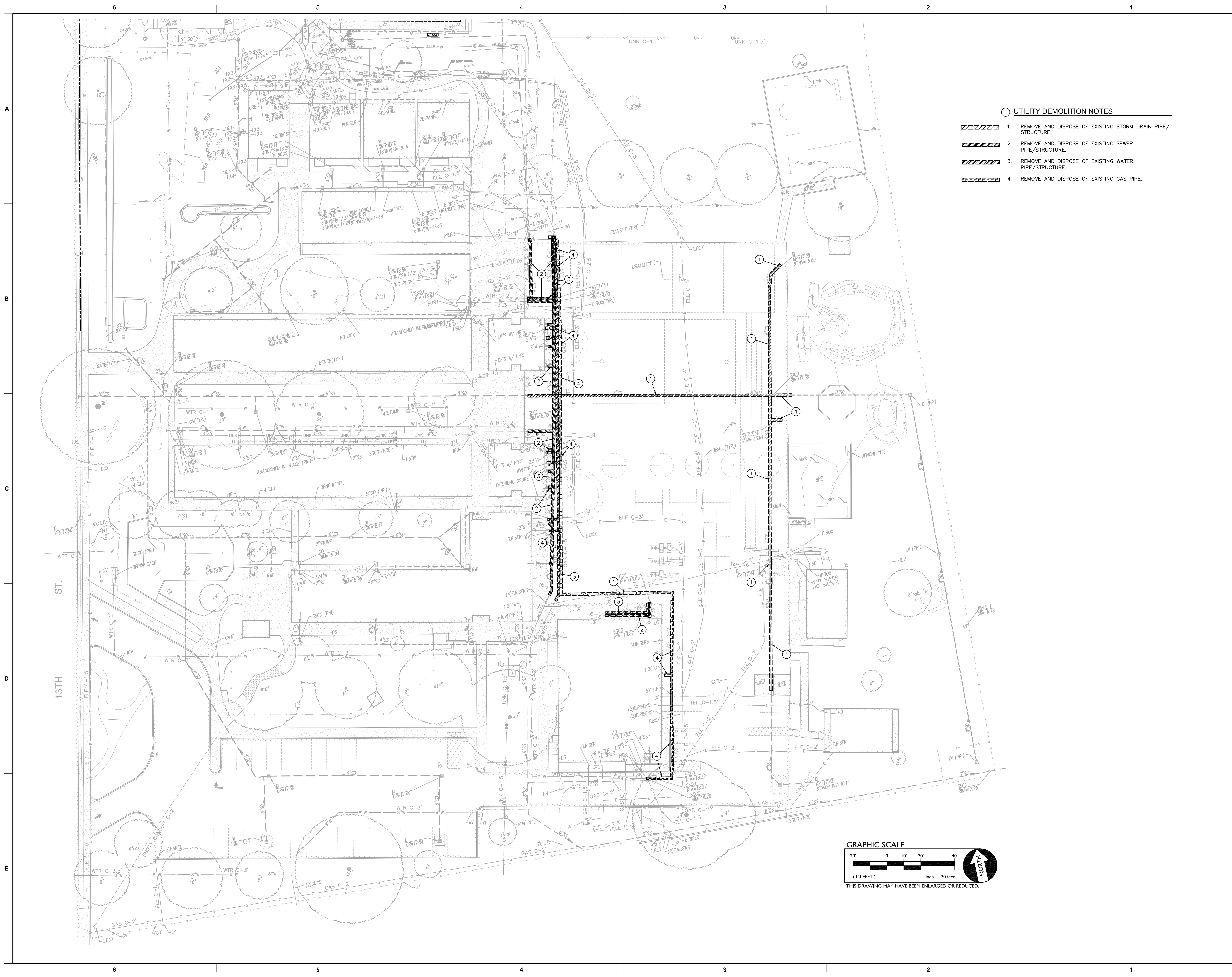
**CAMPUS RENEWAL**

**SACRAMENTO CITY UNIFIED SCHOOL DISTRICT**  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN	
SHEET TITLE: <b>DEMOLITION PLAN</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C1.1</b>
REVISION:	

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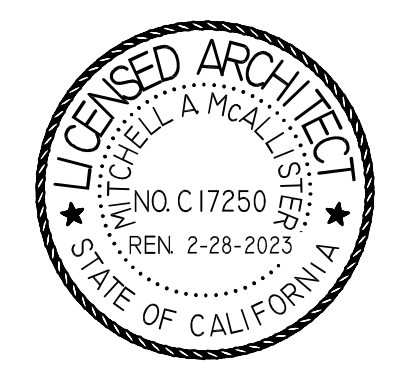




- UTILITY DEMOLITION NOTES**
- 1. REMOVE AND DISPOSE OF EXISTING STORM DRAIN PIPE/STRUCTURE.
  - 2. REMOVE AND DISPOSE OF EXISTING SEWER PIPE/STRUCTURE.
  - 3. REMOVE AND DISPOSE OF EXISTING WATER PIPE/STRUCTURE.
  - 4. REMOVE AND DISPOSE OF EXISTING GAS PIPE.



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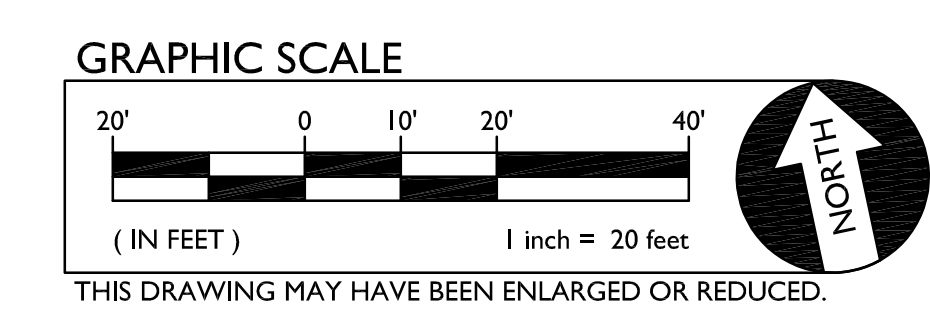


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SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY



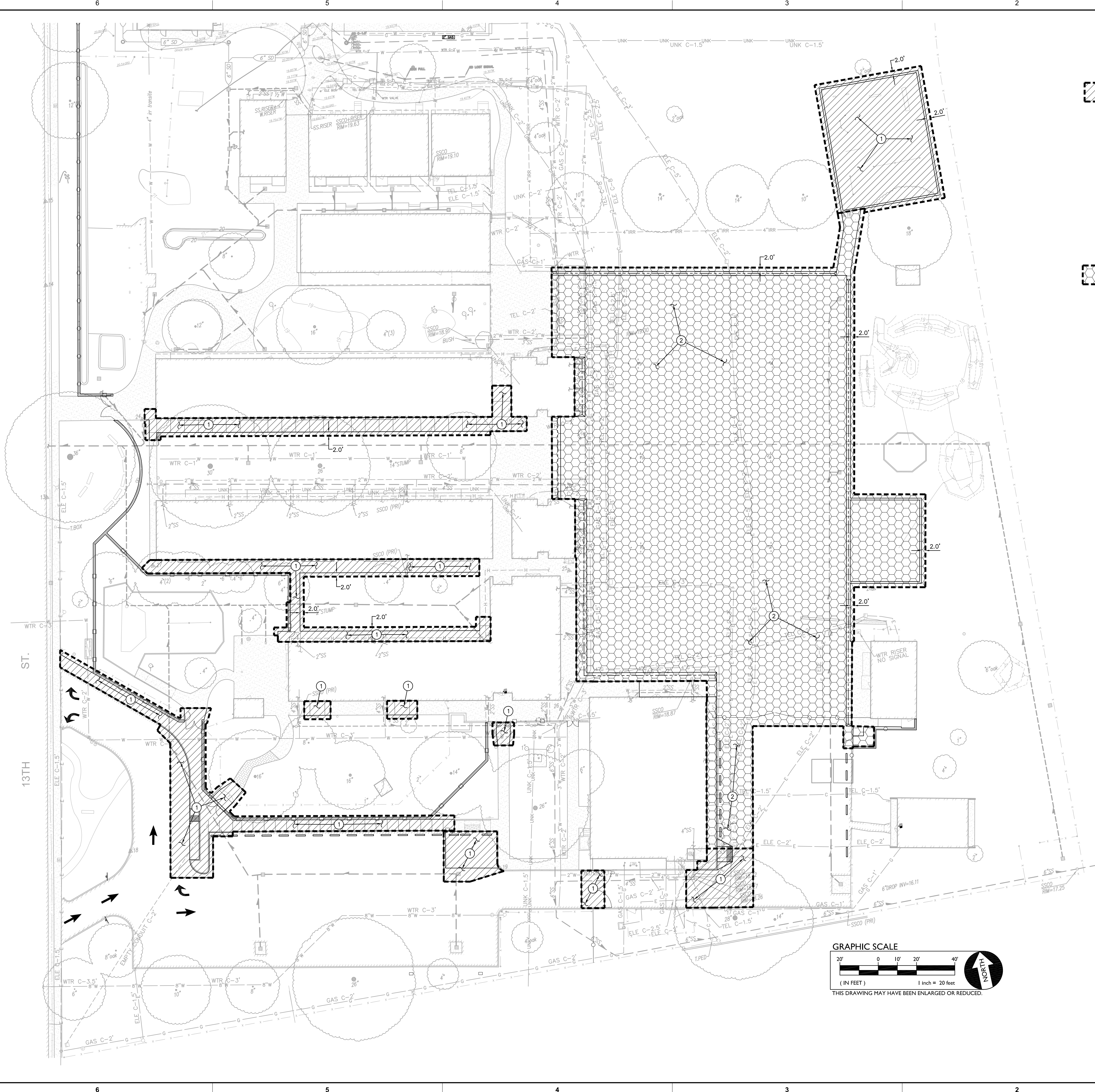
KEY PLAN

SHEET TITLE:  
**UTILITY  
DEMOLITION PLAN**


JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C1.2</b>
REVISION:	

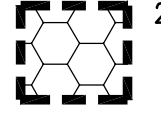
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**SUBGRADE PREPARATION**

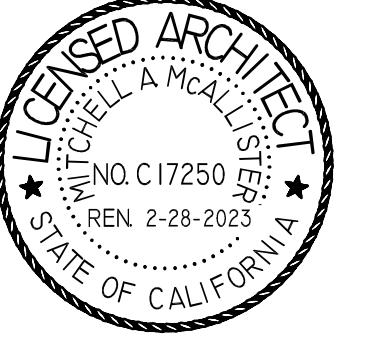
- 

1. FOLLOWING SITE DEMOLITION ACTIVITIES:  
 FOR AREAS TO BE CUT TO ACHIEVE SUBGRADE, EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION. SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.  
 FOR AREAS TO BE FILLED TO ACHIEVE SUBGRADE, SCARIFY EXPOSED SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557. FILL MATERIAL SHALL BE PLACED IN LEVEL LAYERS NOT EXCEEDING 6 INCHES IN COMPACTED THICKNESS. FILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.  
 THE UPPER 6 INCHES OF SUBGRADE SUPPORTING ASPHALT PAVING SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY.  
 SUBGRADE PREPARATION SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PROPOSED ASPHALT AND CONCRETE PAVING WHEN NOT ABUTTING EXISTING PAVING.
- 

2. FOLLOWING SITE CLEARING, STRIPPING AND DEMOLITION ACTIVITIES:  
 EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES.  
 THE UPPER 12 INCHES OF PROPOSED SUBGRADE SHALL BE TREATED WITH 4.5 POUNDS OF LIME PER CUBIC FOOT (BY DRY WEIGHT OF SOIL) AND COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION AT A MOISTURE CONTENT OF AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT.  
 NOTE: ALL LIME LOCATED WITHIN LANDSCAPE AREAS SHALL BE REMOVED AND REPLACED WITH 18" TOPSOIL.



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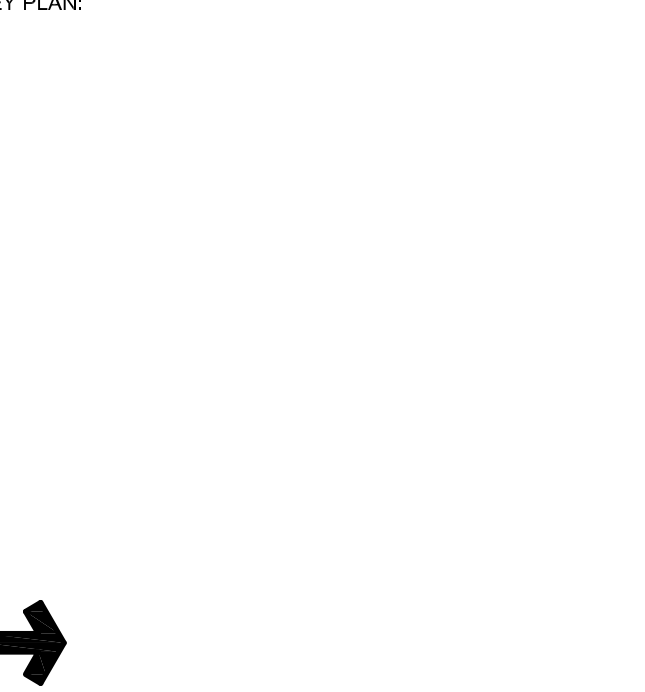


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PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
 6254 13TH STREET  
 SACRAMENTO, CA 95831

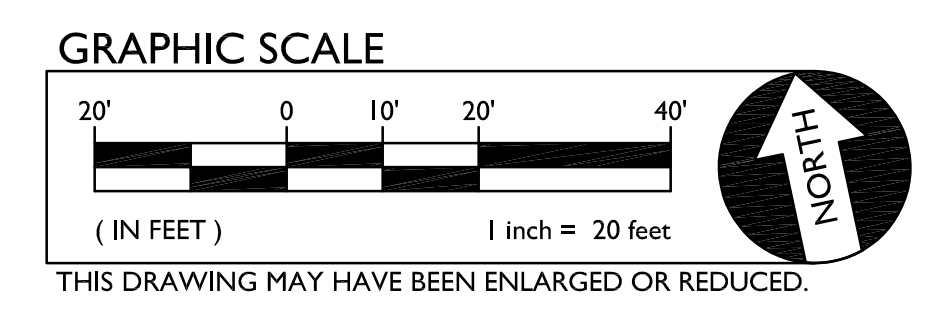
**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
 5735 47TH AVENUE  
 SACRAMENTO, CA 95824  
 SACRAMENTO COUNTY

KEY PLAN:  


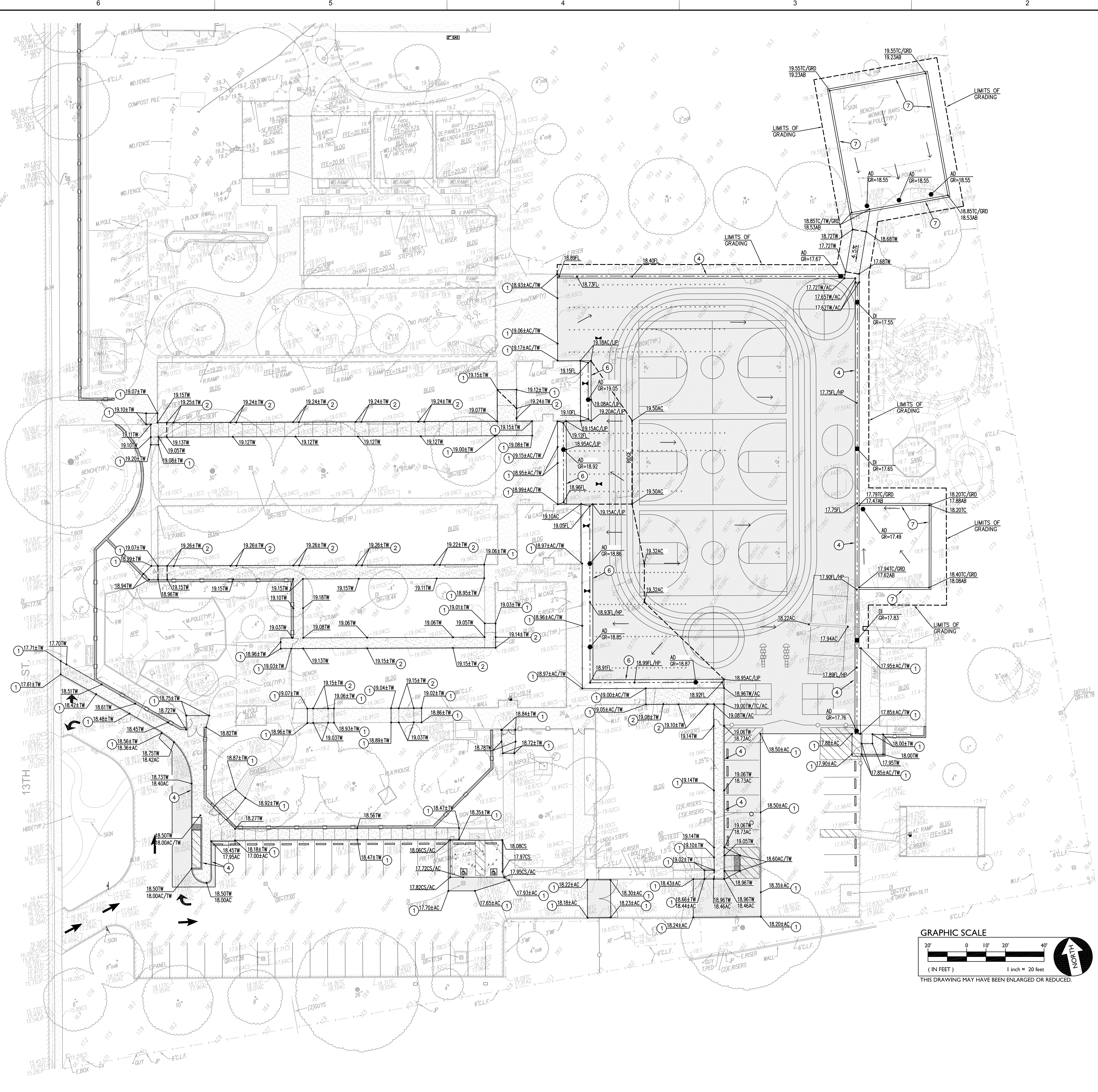
SHEET TITLE:  
**ENGINEERED FILL PLAN**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C1.3</b>
REVISION:	



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**GRADING NOTES**

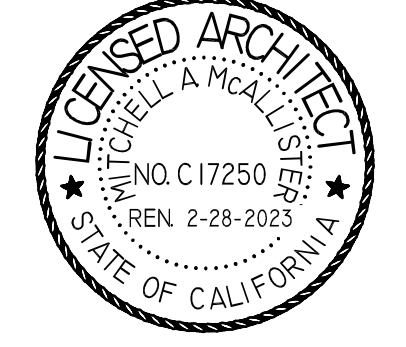
1. MATCH EXISTING GRADE/ELEVATION.
2. MATCH EXISTING FLOOR ELEVATION.
3. GRADE UNIFORMLY TO SWALE AND/OR INLET.
4. CONSTRUCT CONCRETE CURB PER (2) C6.1
5. CONSTRUCT CONCRETE VALLEY GUTTER PER (3) C6.1
6. CONSTRUCT CONCRETE OFFSET VALLEY GUTTER PER (4) C6.1
7. CONSTRUCT APPARATUS CURB PER ARCHITECTURAL PLAN.

**GENERAL PAVING NOTES:**

- A. SLOPE OF FINISHED PEDESTRIAN CONCRETE FLATWORK TO BE 0.5% MINIMUM AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:  
 DIRECTION OF TRAVEL - 5%  
 RAMP IN DIRECTION OF TRAVEL - 8.33%  
 PLAZA 2% - IN ANY DIRECTION



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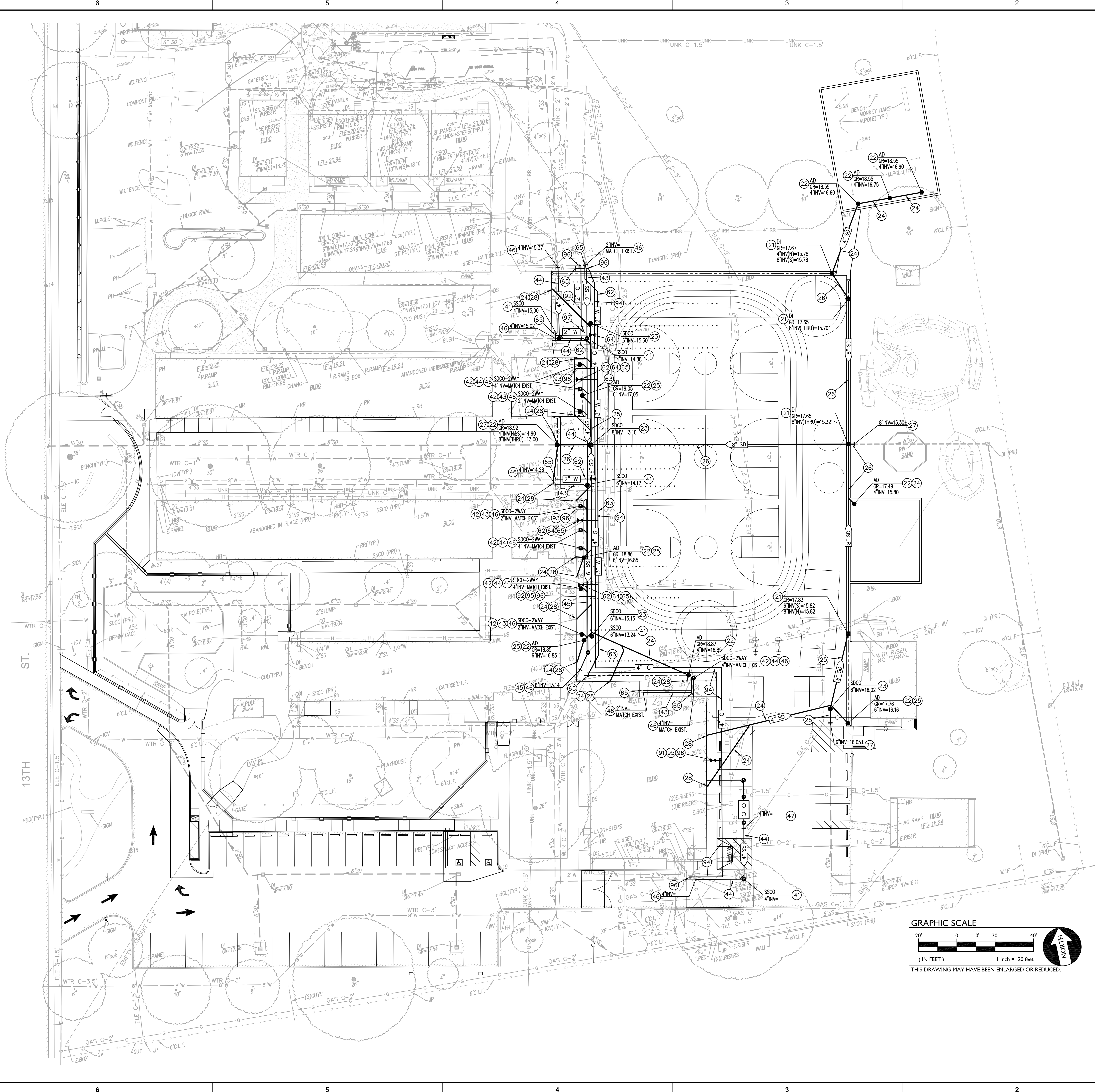
**CAMPUS RENEWAL**

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 SACRAMENTO COUNTY

KEY PLAN	
SHEET TITLE: <b>GRADING PLAN</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C2.1</b>
REVISION:	

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**○ DRAINAGE NOTES**

21. CONSTRUCT DROP INLET PER C6.2
22. CONSTRUCT AREA DRAIN PER C6.2
23. CONSTRUCT STORM DRAIN CLEANOUT PER C6.2
24. PLACE 4" STORM DRAIN PER C6.2
25. PLACE 6" STORM DRAIN PER C6.2
26. PLACE 8" STORM DRAIN PER C6.2
27. CONNECT TO EXISTING STORM DRAIN. PROVIDE NECESSARY FITTINGS TO MAKE CONNECTION. POTHOLE TO VERIFY DEPTH, LINE SIZE AND LOCATION PRIOR TO TRENCHING.
28. PROVIDE DOWNSPOUT CONNECTION. COORDINATE THE LAYOUT AND EXACT LOCATIONS WITH THE ARCHITECTURAL DRAWINGS. COORDINATE INVERT ELEVATION WITH THE SITE PLUMBING CONTRACTOR AND DETAIL PROVIDED PRIOR TO EXCAVATION. C6.2

**○ SEWER NOTES**

41. CONSTRUCT SANITARY SEWER CLEANOUT PER C6.2
42. CONSTRUCT SANITARY SEWER TWO-WAY CLEANOUT PER C6.2
43. PLACE 2" SANITARY SEWER PIPE PER C6.2
44. PLACE 4" SANITARY SEWER PIPE PER C6.2
45. PLACE 6" SANITARY SEWER PIPE PER C6.2
46. CONNECT TO EXISTING SANITARY SEWER PIPE. PROVIDE NECESSARY FITTINGS TO MAKE CONNECTION. POTHOLE TO VERIFY DEPTH, LINE SIZE AND LOCATION PRIOR TO TRENCHING.
47. SEE BUILDING PLUMBING PLANS FOR CONTINUATION.

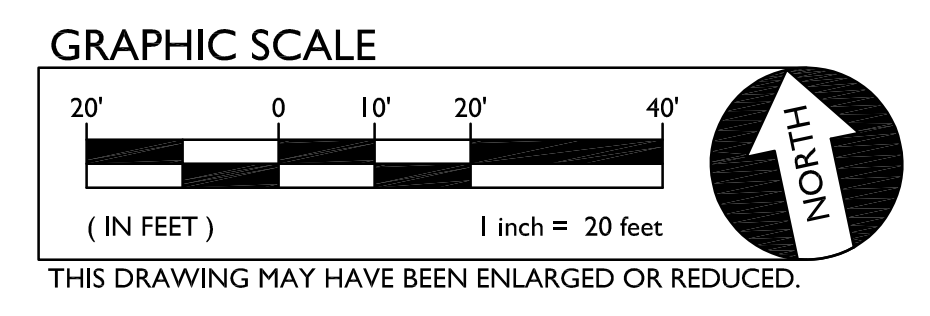
**○ WATER NOTES**

61. PLACE 3/4" WATER PIPE PER C6.2
62. PLACE 2" WATER PIPE PER C6.2
63. PLACE 3" WATER PIPE PER C6.2
64. PROVIDE GATE VALVE TO MATCH LINE SIZE.
65. CONNECT TO EXISTING WATER PIPE. PROVIDE NECESSARY FITTINGS TO MAKE CONNECTION. POTHOLE TO VERIFY DEPTH, LINE SIZE AND LOCATION PRIOR TO TRENCHING.

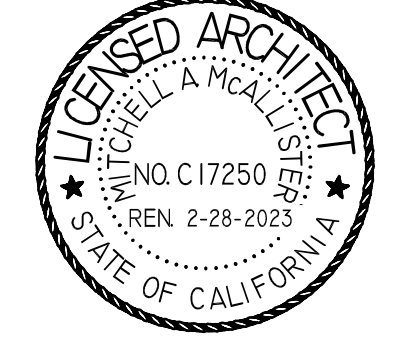
**○ GAS NOTES**

91. PLACE 1 1/2" GAS PIPE PER C6.2
92. PLACE 2" GAS PIPE PER C6.2
93. PLACE 2 1/2" GAS PIPE PER C6.2
94. PLACE 4" GAS PIPE PER C6.2
95. PROVIDE GAS VALVE TO MATCH LINE SIZE.
96. CONNECT TO EXISTING GAS PIPE. PROVIDE NECESSARY FITTINGS TO MAKE CONNECTION. POTHOLE TO VERIFY DEPTH, LINE SIZE AND LOCATION PRIOR TO TRENCHING.
97. DETERMINE ROUTE OF GAS LINE BEYOND THAT SHOWN AND REPLACE ALL GAS LINE UNDER HARD COURT.

**SHALLOW DRY UTILITY NOTE**  
 EXISTING DRY UTILITIES, NOT PROPOSED TO BE REPLACED, WITHIN 18" OF FINISH SURFACE SHALL BE EXPOSED TO BOTTOM OF PIPE AND BACKFILLED WITH A 2-SACK CONCRETE SLURRY EXTENDING A MINIMUM OF 4" ON EITHER SIDE OF PIPE AND 4" ABOVE PIPE.



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PROJECT NAME:  
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 6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

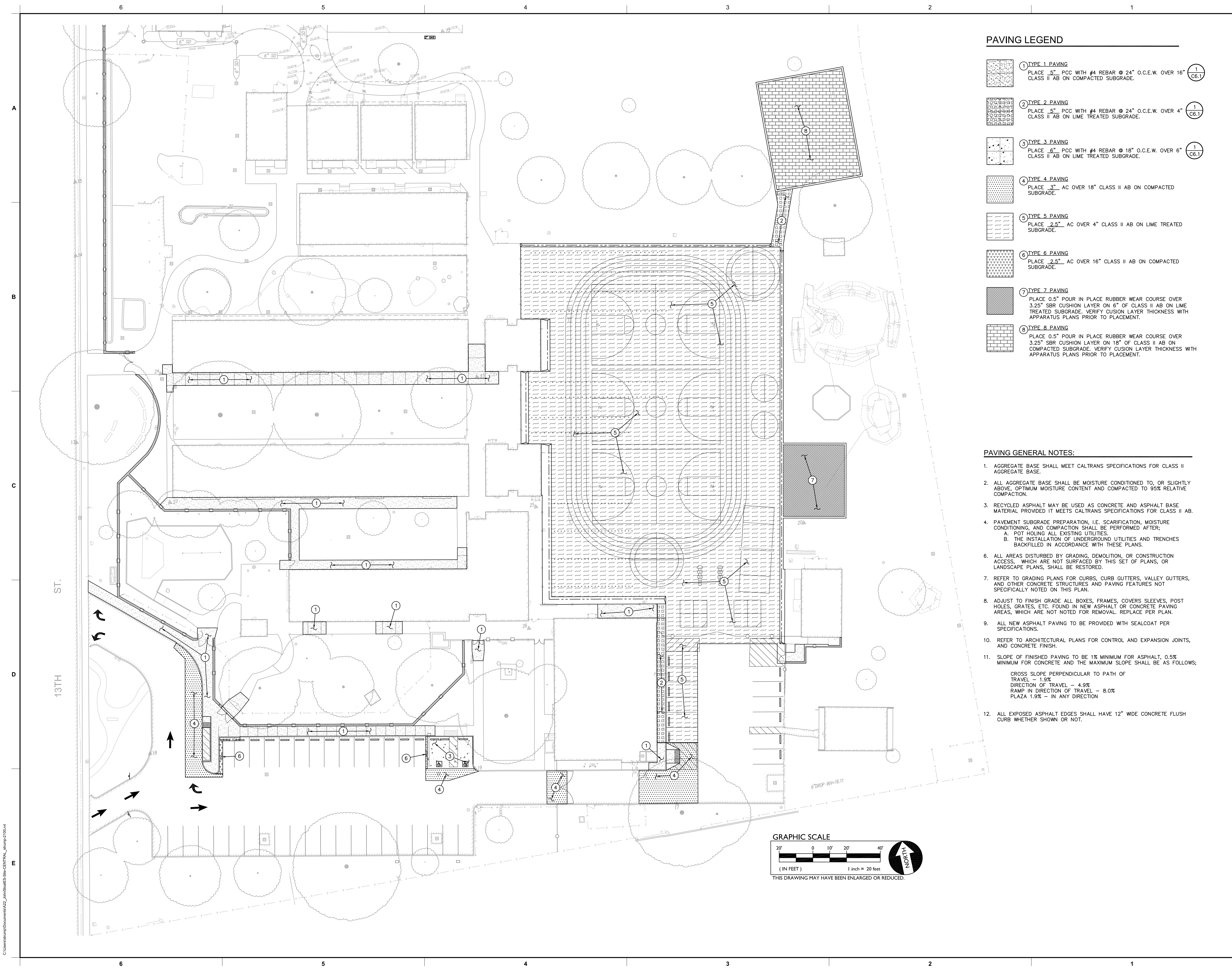
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
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 SACRAMENTO, CA 95824  
 SACRAMENTO COUNTY

KEY PLAN:

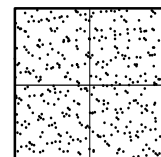
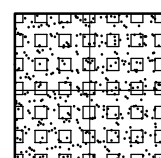

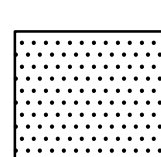
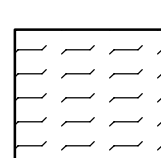
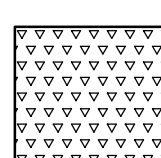
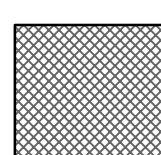
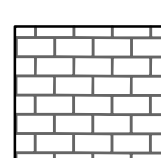
SHEET TITLE:  
**UTILITY PLAN**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C3.1</b>
REVISION:	



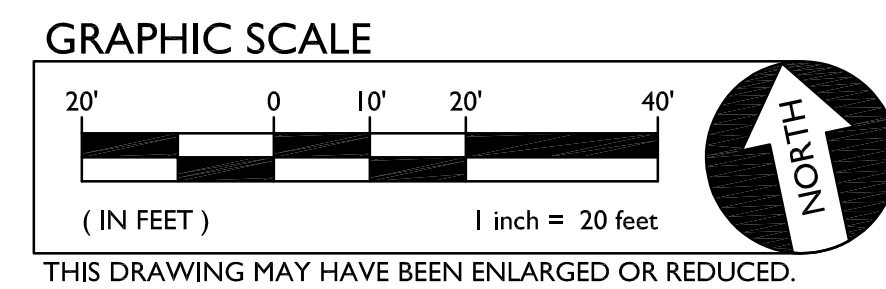


**PAVING LEGEND**

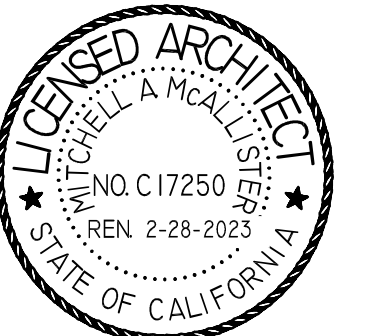
- 
**1 TYPE 1 PAVING**  
 PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 16" CLASS II AB ON COMPACTED SUBGRADE.
- 
**2 TYPE 2 PAVING**  
 PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 4" CLASS II AB ON LIME TREATED SUBGRADE.
- 
**3 TYPE 3 PAVING**  
 PLACE 6" PCC WITH #4 REBAR @ 18" O.C.E.W. OVER 6" CLASS II AB ON LIME TREATED SUBGRADE.
- 
**4 TYPE 4 PAVING**  
 PLACE 3" AC OVER 18" CLASS II AB ON COMPACTED SUBGRADE.
- 
**5 TYPE 5 PAVING**  
 PLACE 2.5" AC OVER 4" CLASS II AB ON LIME TREATED SUBGRADE.
- 
**6 TYPE 6 PAVING**  
 PLACE 2.5" AC OVER 16" CLASS II AB ON COMPACTED SUBGRADE.
- 
**7 TYPE 7 PAVING**  
 PLACE 0.5" POUR IN PLACE RUBBER WEAR COURSE OVER 3.25" SBR CUSHION LAYER ON 6" OF CLASS II AB ON LIME TREATED SUBGRADE. VERIFY CUSHION LAYER THICKNESS WITH APPARATUS PLANS PRIOR TO PLACEMENT.
- 
**8 TYPE 8 PAVING**  
 PLACE 0.5" POUR IN PLACE RUBBER WEAR COURSE OVER 3.25" SBR CUSHION LAYER ON 18" OF CLASS II AB ON COMPACTED SUBGRADE. VERIFY CUSHION LAYER THICKNESS WITH APPARATUS PLANS PRIOR TO PLACEMENT.

**PAVING GENERAL NOTES:**

1. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE.
2. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
3. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB.
4. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, AND COMPACTION SHALL BE PERFORMED AFTER:
  - A. POT HOLING ALL EXISTING UTILITIES.
  - B. THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE RESTORED.
7. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
8. ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. REPLACE PER PLAN.
9. ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
10. REFER TO ARCHITECTURAL PLANS FOR CONTROL AND EXPANSION JOINTS, AND CONCRETE FINISH.
11. SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:
  - CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9%
  - DIRECTION OF TRAVEL - 4.9%
  - RAMP IN DIRECTION OF TRAVEL - 8.0%
  - PLAZA 1.9% - IN ANY DIRECTION
12. ALL EXPOSED ASPHALT EDGES SHALL HAVE 12" WIDE CONCRETE FLUSH CURB WHETHER SHOWN OR NOT.



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PROJECT NAME:  
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6254 13TH STREET  
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**CAMPUS RENEWAL**

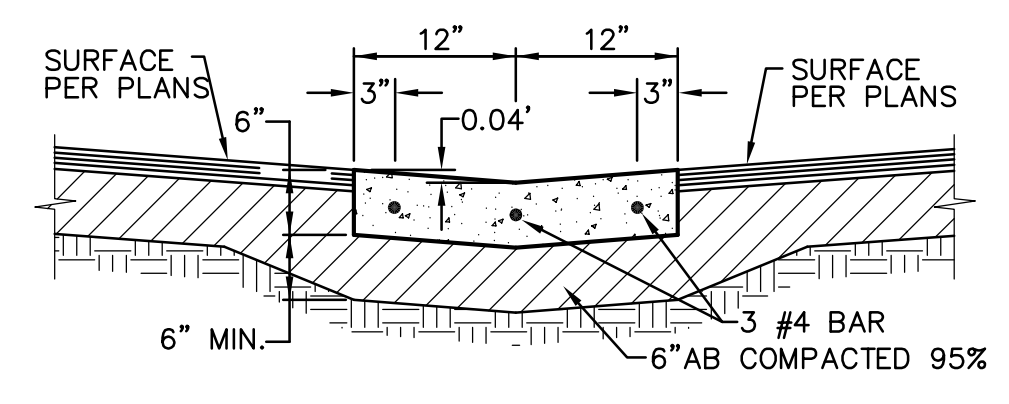
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5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN	
SHEET TITLE: <b>PAVING PLAN</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C4.1</b>
REVISION:	



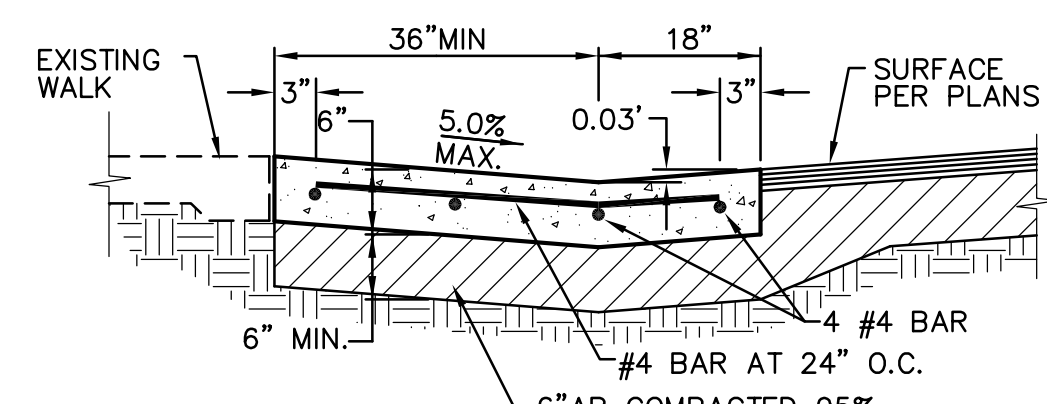






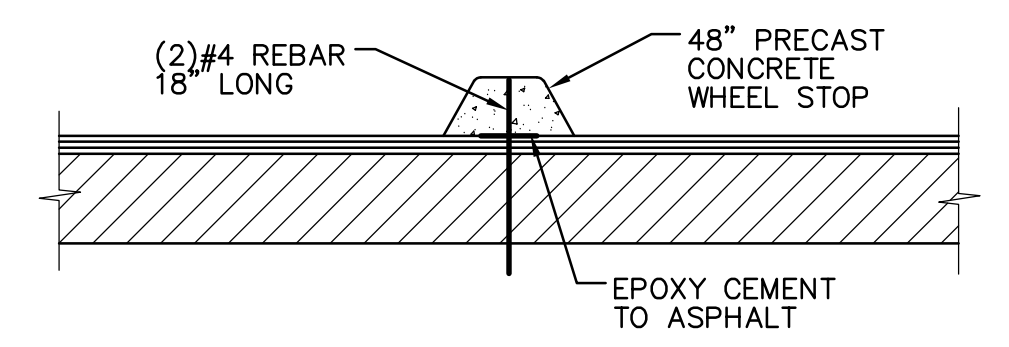
NOTES:  
 1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. SEAL E.J. WITH APPROVED JOINT SEALANT. PROVIDE CONTROL JOINTS AT 10 FEET O.C.  
 2. AT E.J. USE 1/2"x24" SMOOTH DOWELS, ALIGN WITH REBAR. GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

**3** 2.0' CONCRETE VALLEY GUTTER  
 C6.1 NO SCALE

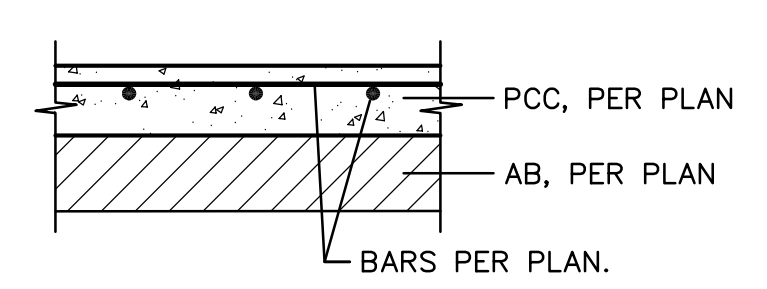


NOTES:  
 1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. SEAL E.J. WITH APPROVED JOINT SEALANT. PROVIDE CONTROL JOINTS AT 10 FEET O.C.  
 2. AT E.J. USE 1/2"x24" SMOOTH DOWELS, ALIGN WITH REBAR. GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

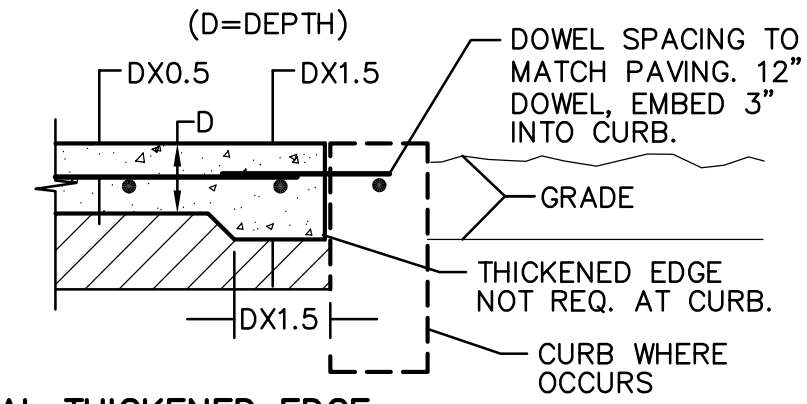
**4** OFFSET CONCRETE VALLEY GUTTER  
 C6.1 NO SCALE



**5** CONCRETE WHEEL STOP  
 C6.1 NO SCALE

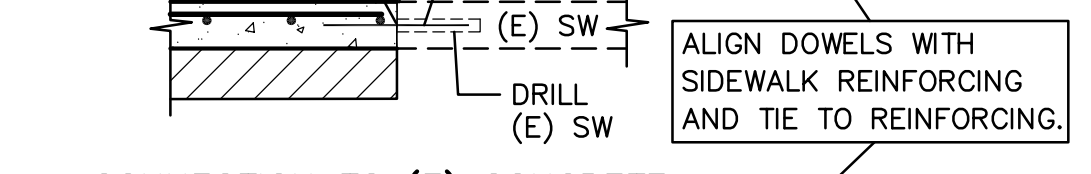


TYPICAL SECTION



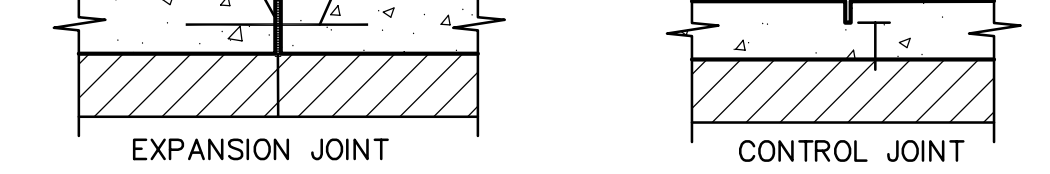
TYPICAL THICKENED EDGE

"SNAP CAP" AND JOINT SEALANT, FLUSH WITH TOP OF PAVEMENT. 3/8" THICK FELT EXPANSION JOINT MATERIAL. 1/2"x12" SMOOTH DOWEL EPOXY IN EXISTING WALK, 6" EMBEDMENT. GREASE OPPOSITE BEFORE NEW PCC PLACEMENT. SPACING TO MATCH REBAR.



CONNECTION TO (E) CONCRETE

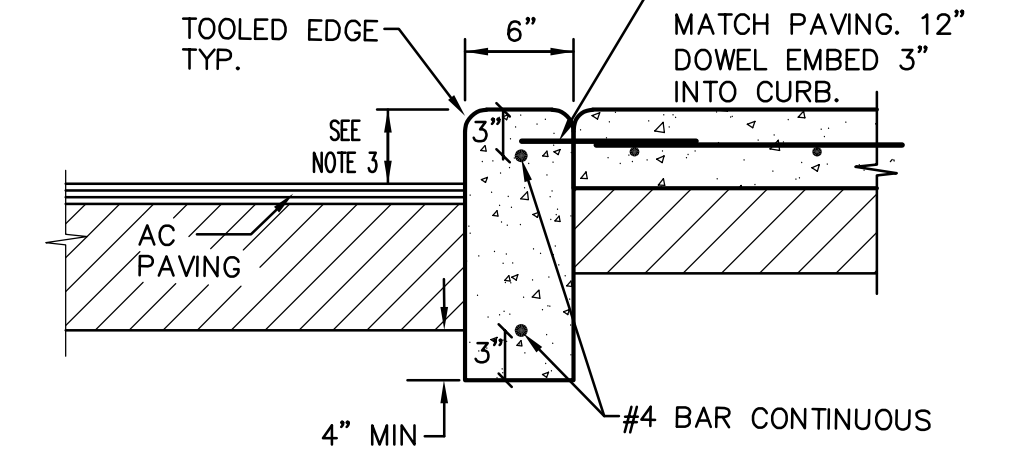
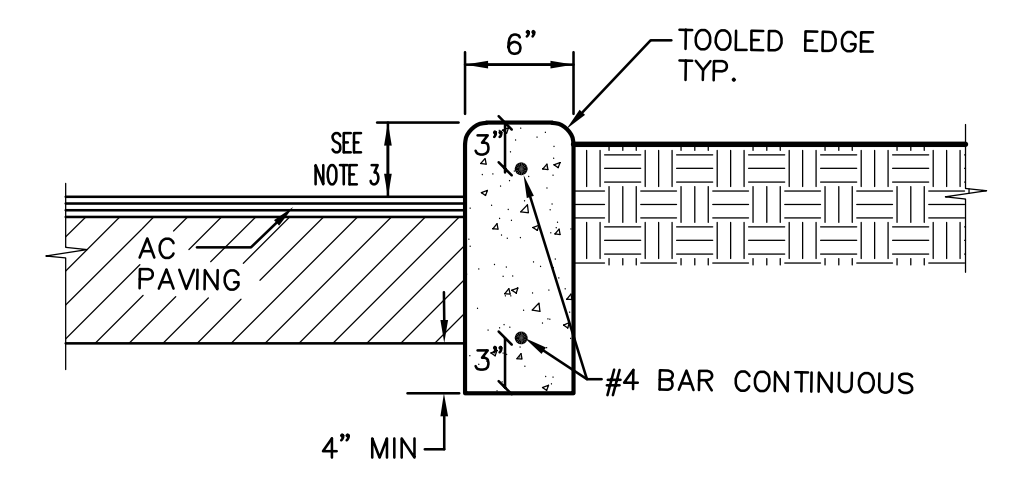
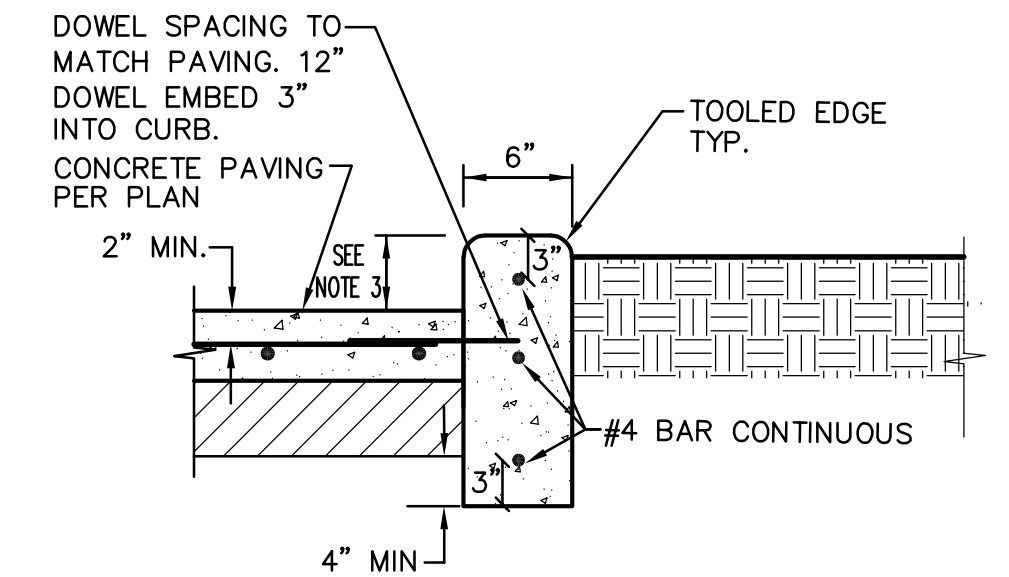
"SNAP CAP" AND JOINT SEALANT, FLUSH WITH TOP OF PAVEMENT. 3/8" THICK FELT EXPANSION JOINT MATERIAL. 1/2"x12" SMOOTH DOWEL, 6" EMBEDMENT, GREASE ONE END BEFORE NEW PCC PLACEMENT. SPACING TO MATCH REBAR. TOOLED JOINT 1/2" WIDE MAX. AT SURFACE. DX0.25



TYPICAL JOINTS

NOTES:  
 1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MAX. SEE PLAN FOR LAYOUT.  
 2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAX. SEE PLAN FOR LAYOUT.  
 3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

**1** CONCRETE SIDEWALK  
 C6.1 NO SCALE

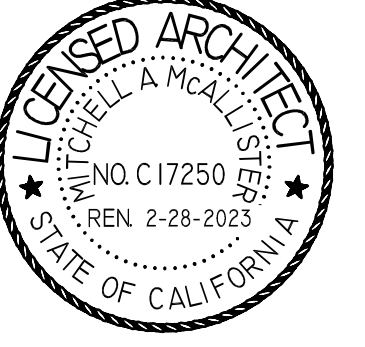


NOTES:  
 1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. MAXIMUM PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAXIMUM EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.  
 2. AT E.J. USE 1/2"x24" SMOOTH DOWELS, ALIGN WITH REBAR. GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.  
 3. CURB HEIGHT IS 6" UNLESS NOTED OTHERWISE BY GRADES SHOWN ON GRADING PLAN.

**2** CONCRETE CURB  
 C6.1 NO SCALE



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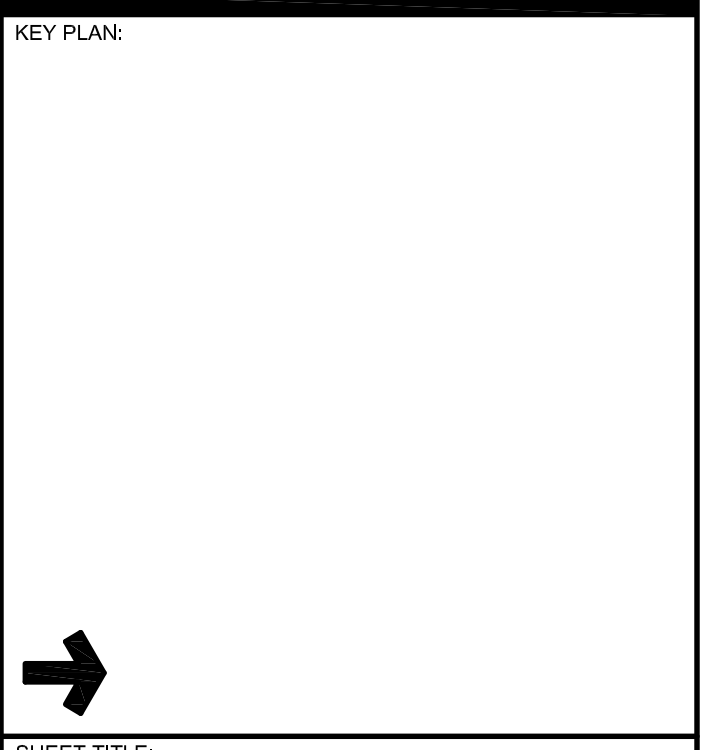


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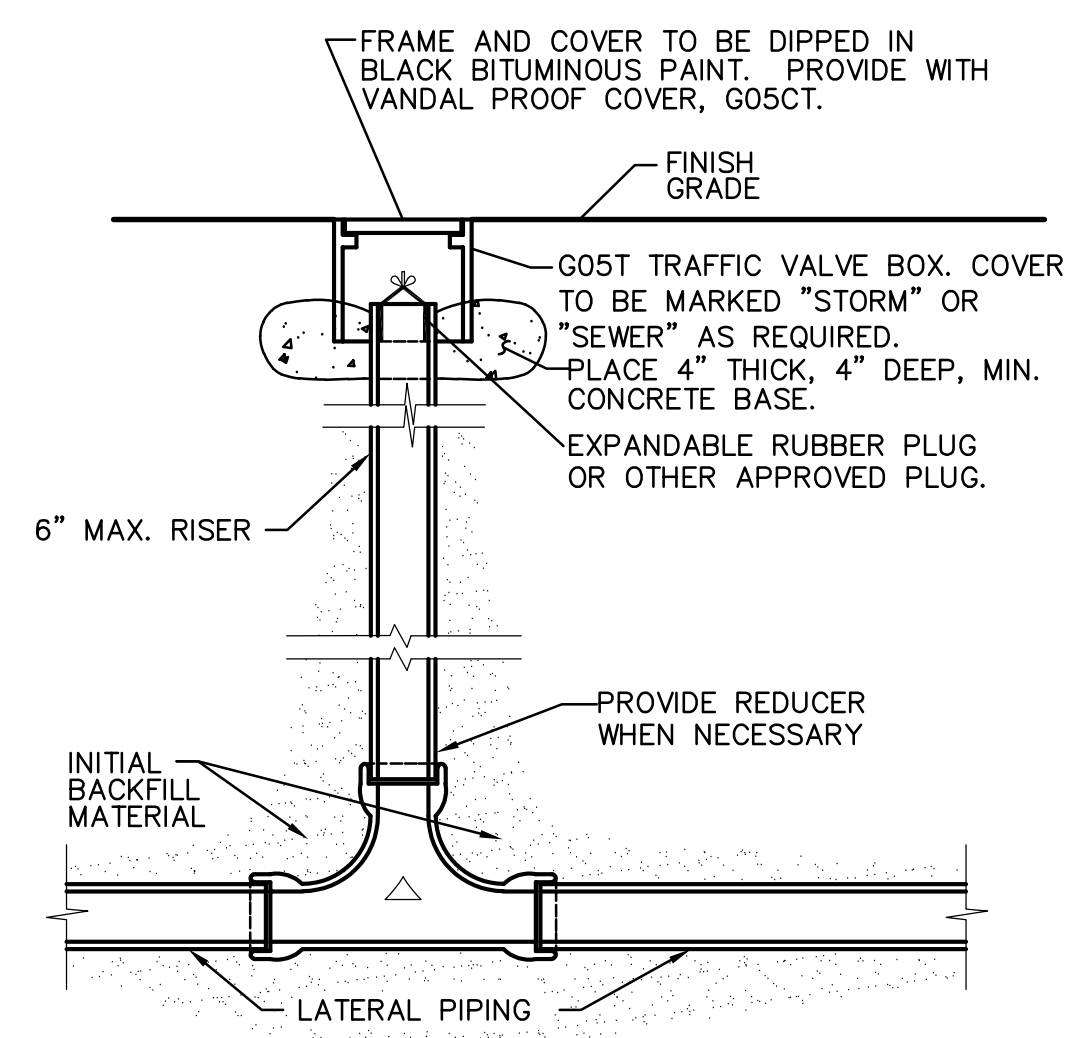
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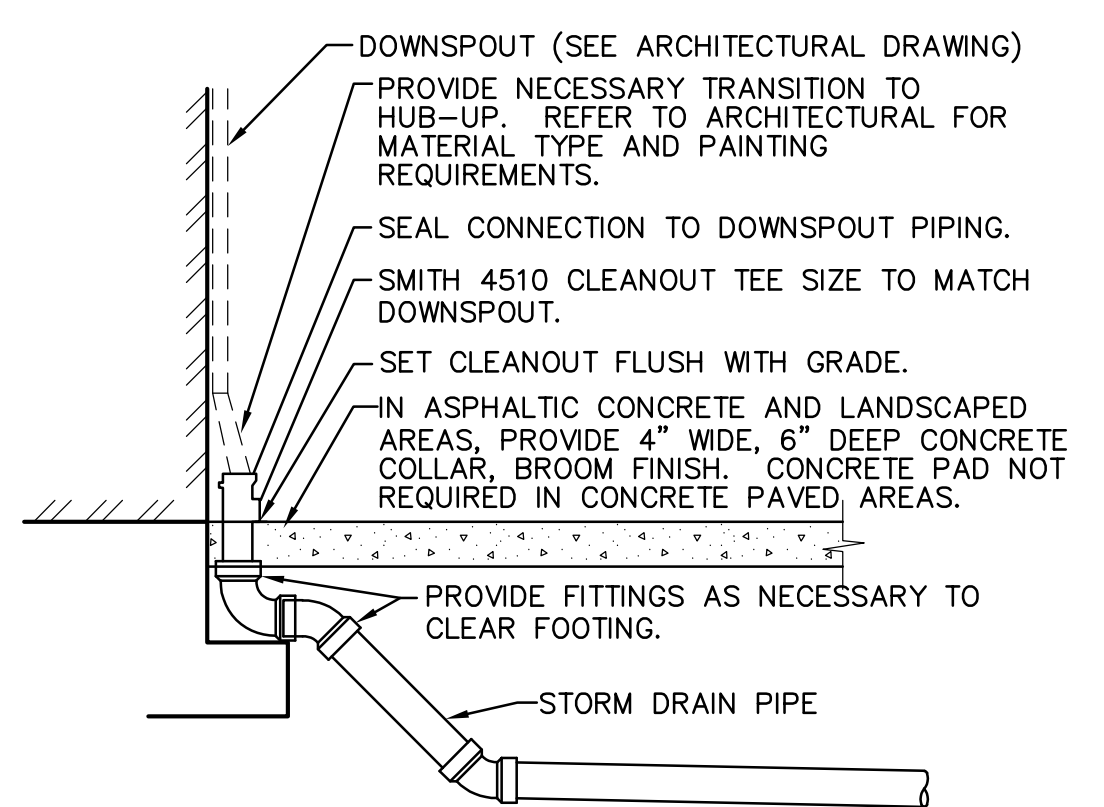


KEY PLAN	
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SHEET TITLE: <b>SITE DETAILS</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C6.1</b>
REVISION:	

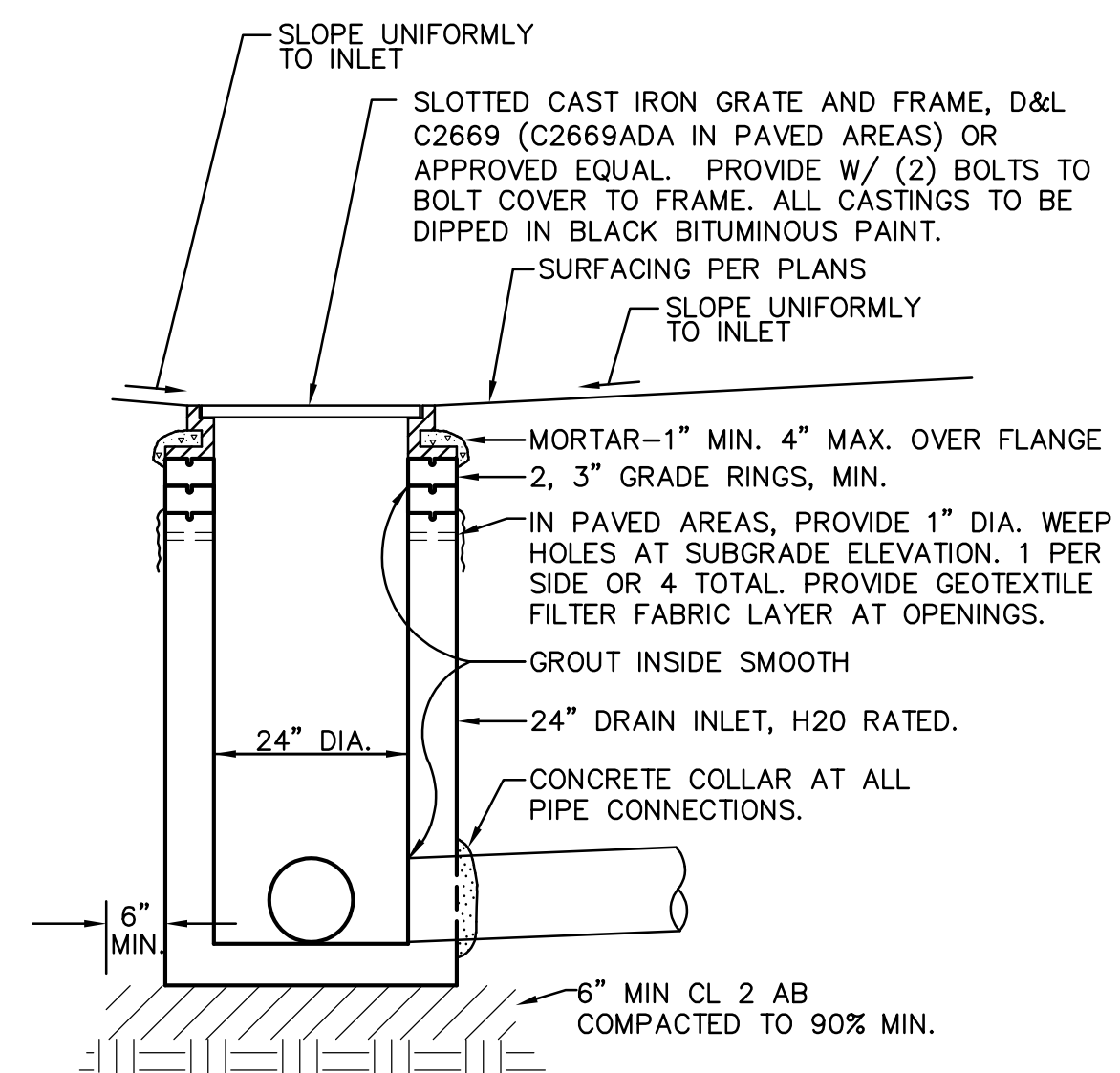




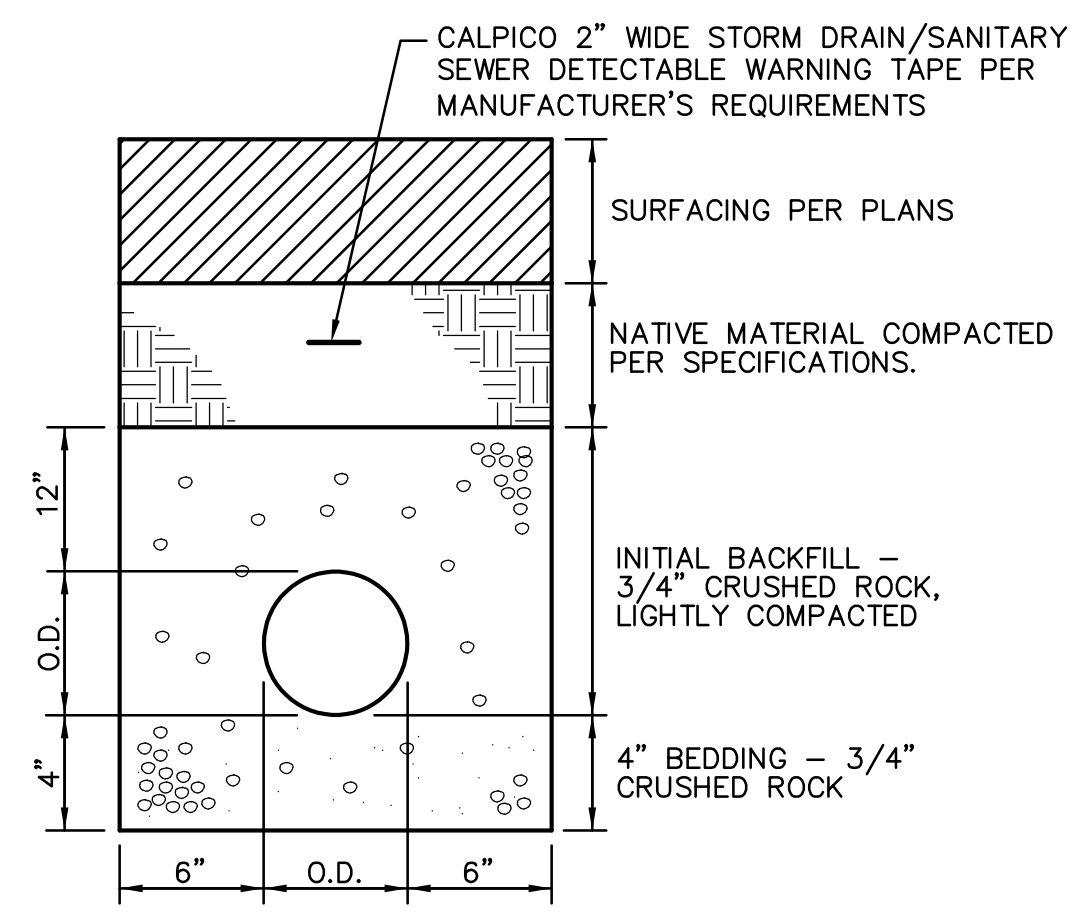
7 C6.2 2-WAY CLEANOUT NO SCALE



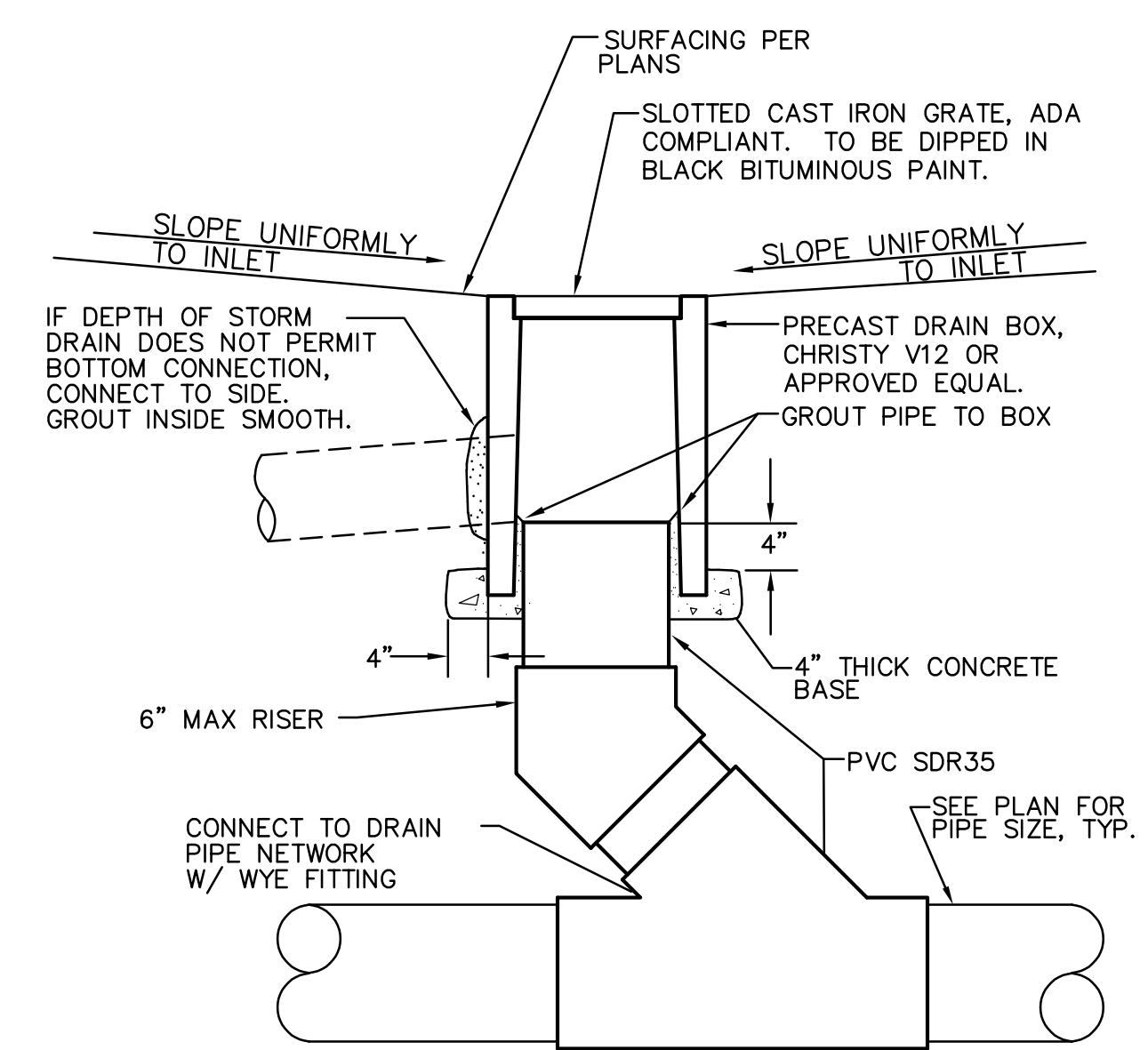
4 C6.2 DOWNSPOUT CONNECTION NO SCALE



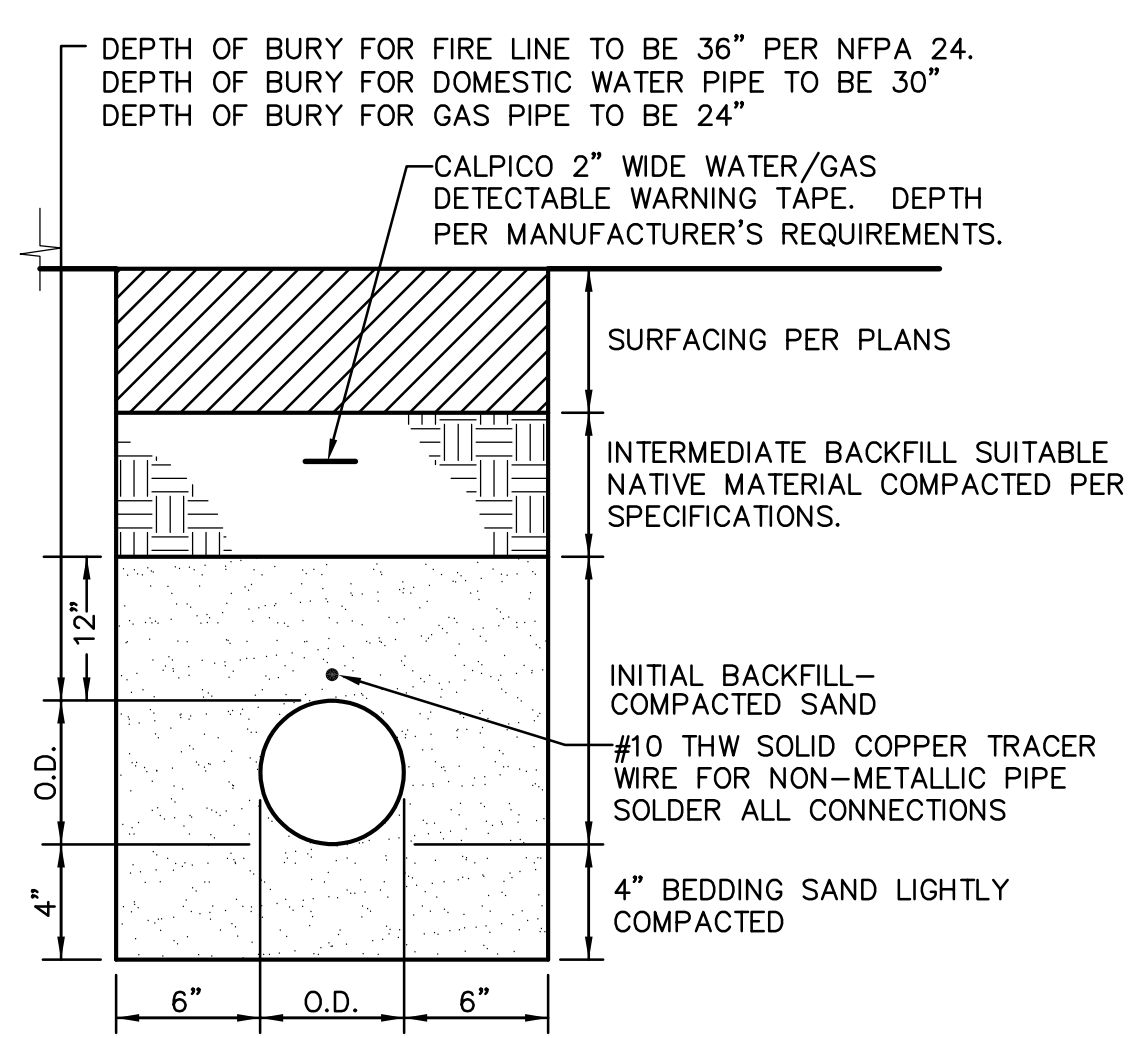
1 C6.2 DROP INLET NO SCALE



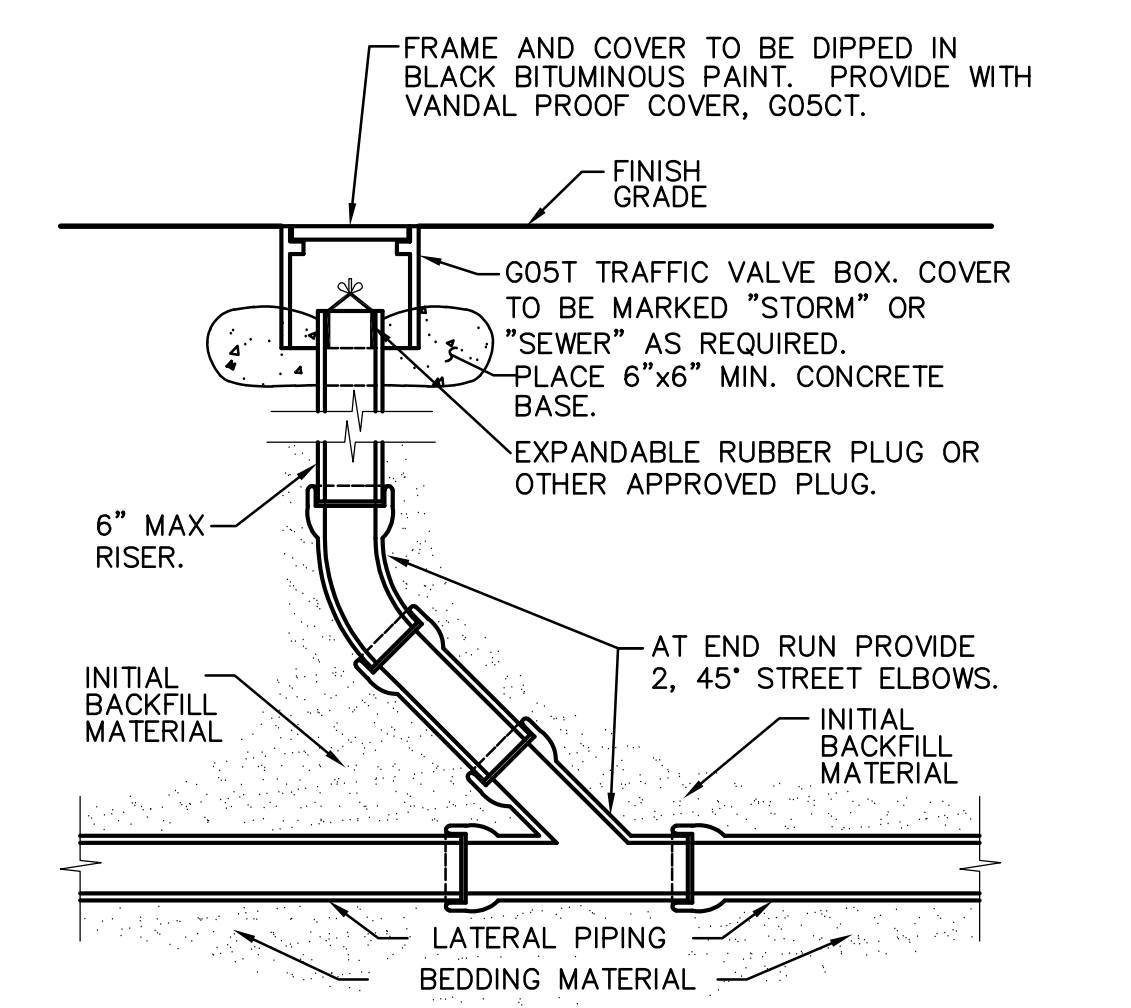
5 C6.2 SANITARY SEWER AND STORM DRAIN TRENCH NO SCALE



2 C6.2 AREA DRAIN NO SCALE



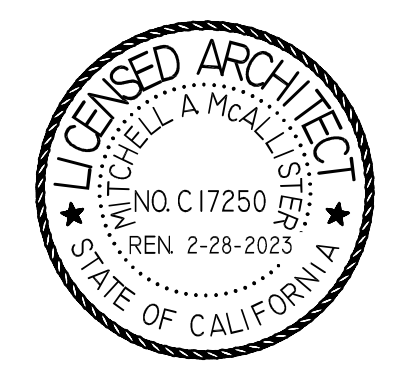
6 C6.2 GAS AND WATER TRENCH NO SCALE



3 C6.2 CLEANOUT NO SCALE



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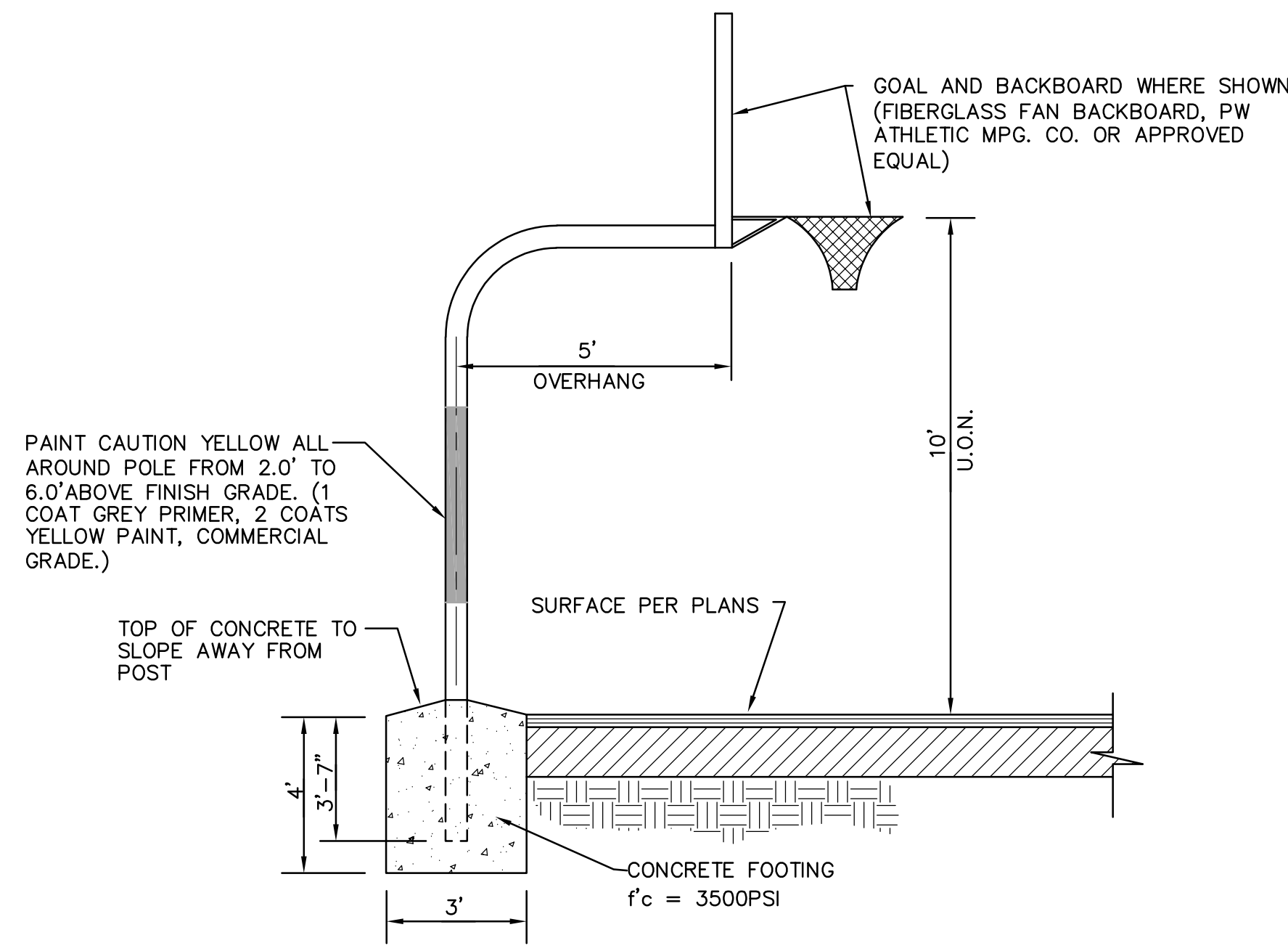
**CAMPUS RENEWAL**

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 SACRAMENTO COUNTY

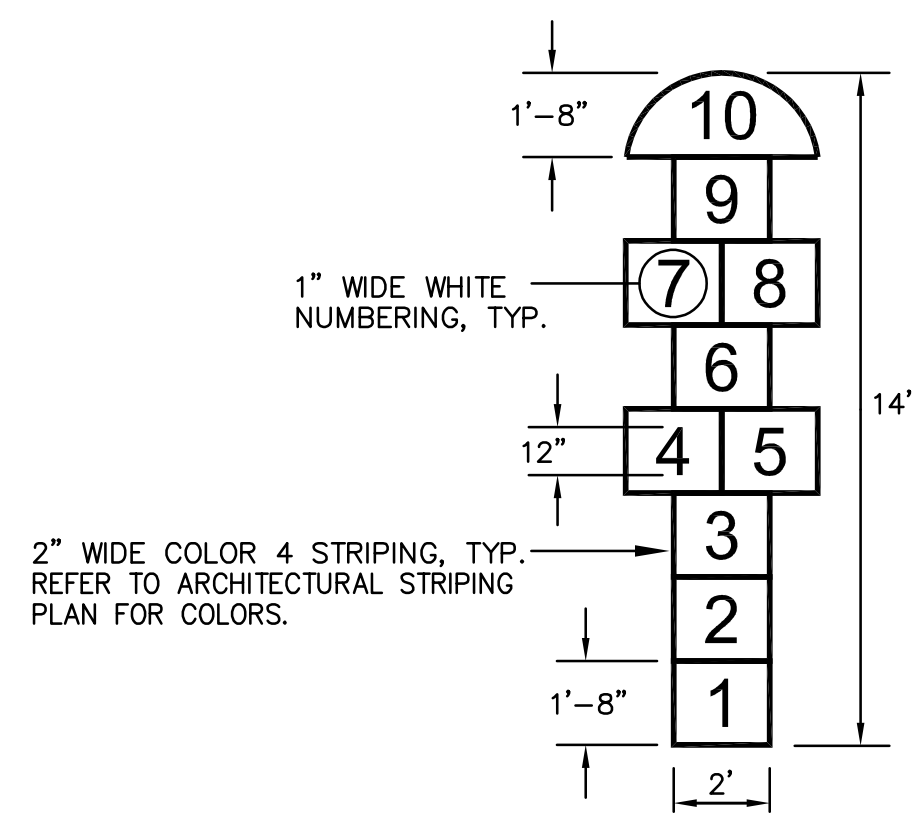
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 SHEET TITLE:  
**UTILITY DETAILS**

JOB NUMBER: SHEET NUMBER:  
 DATE: **JAN 5, 2024**  
 REVISION: **C6.2**

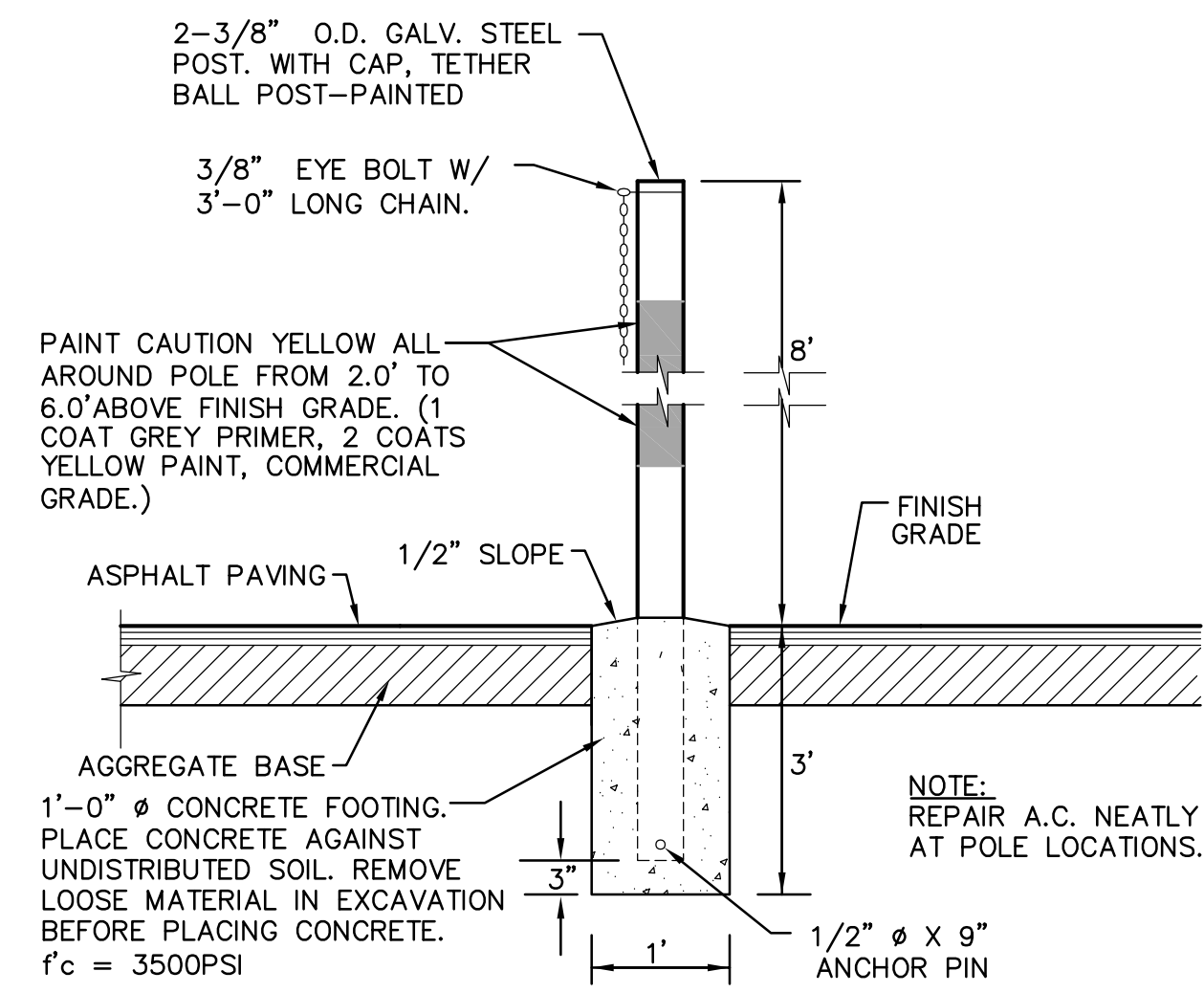




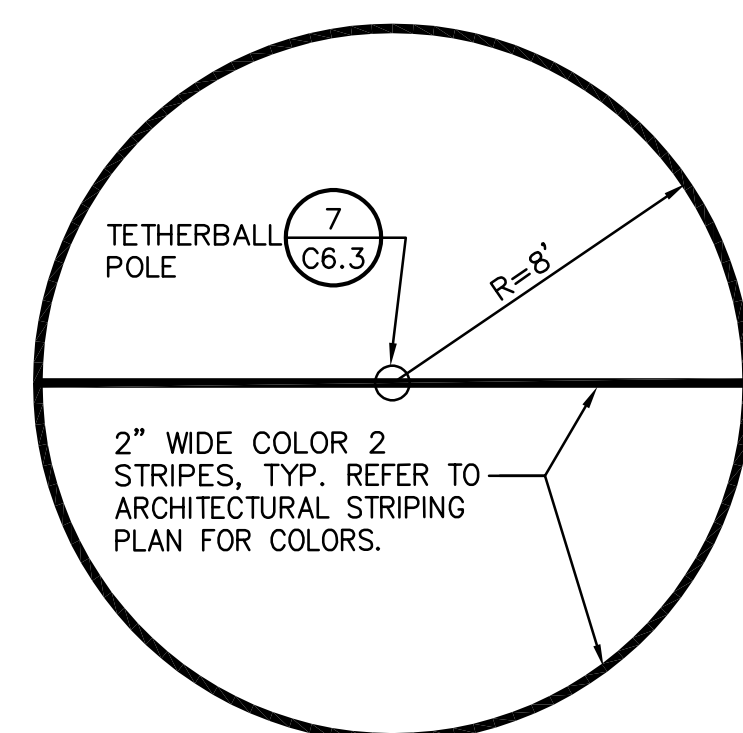
**5 BASKETBALL GOAL AND BACKSTOP**  
 (EXTERIOR HARD COURT) NO SCALE



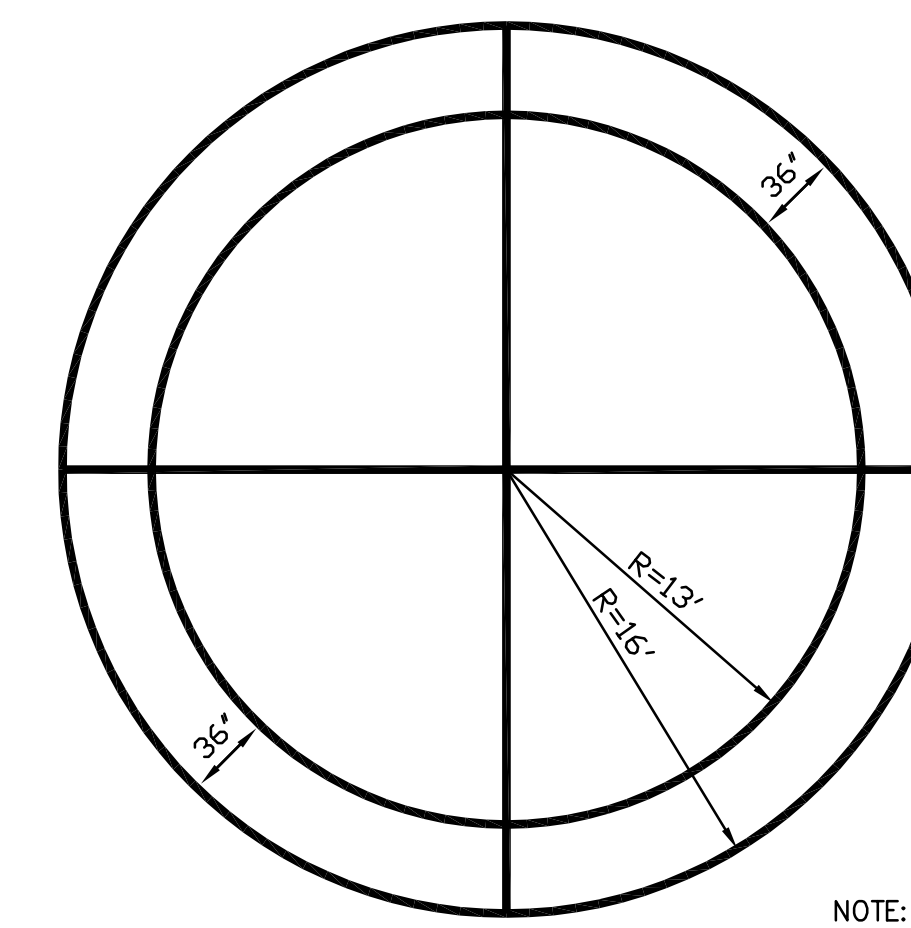
**6 HOPSCOTCH STRIPING**  
 NO SCALE



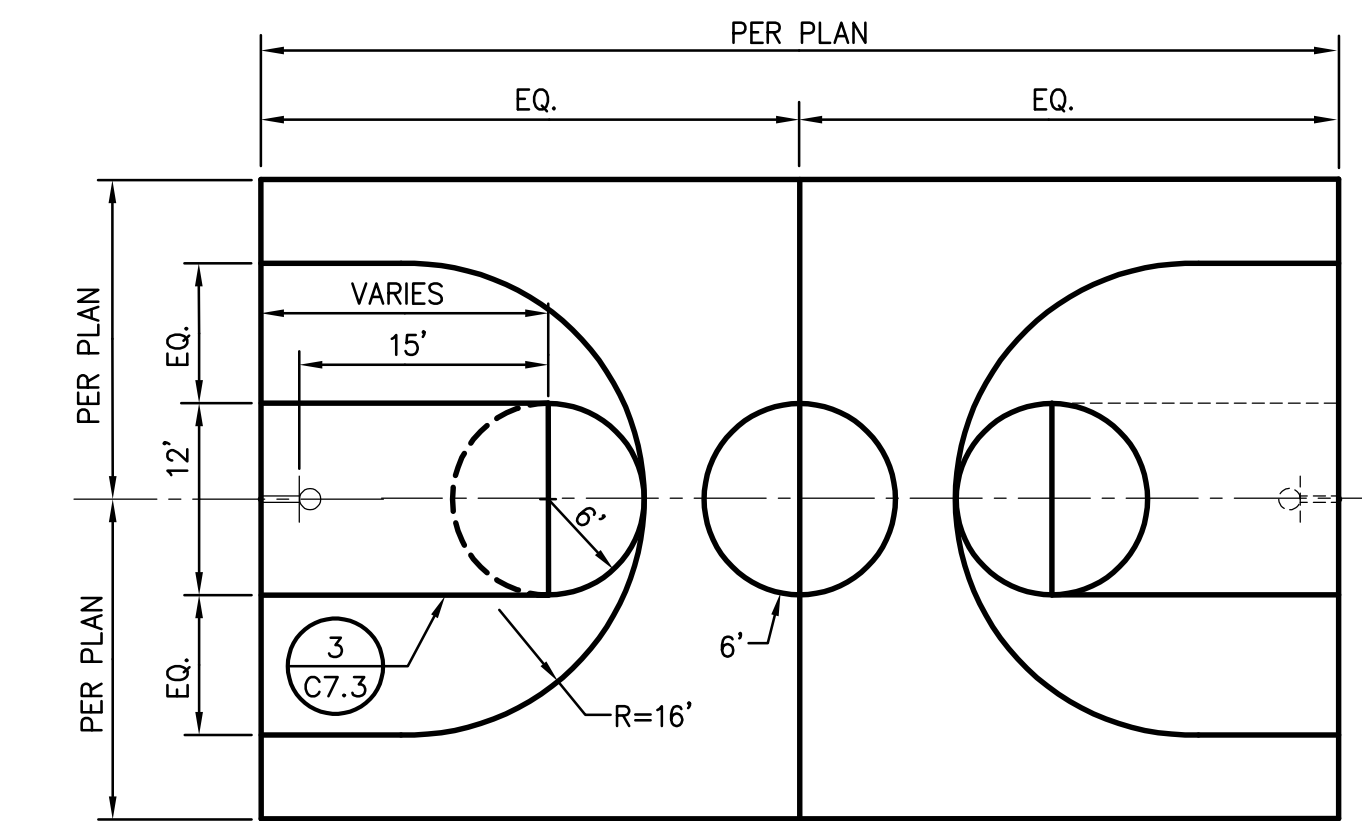
**7 TETHER BALL POST**  
 NO SCALE



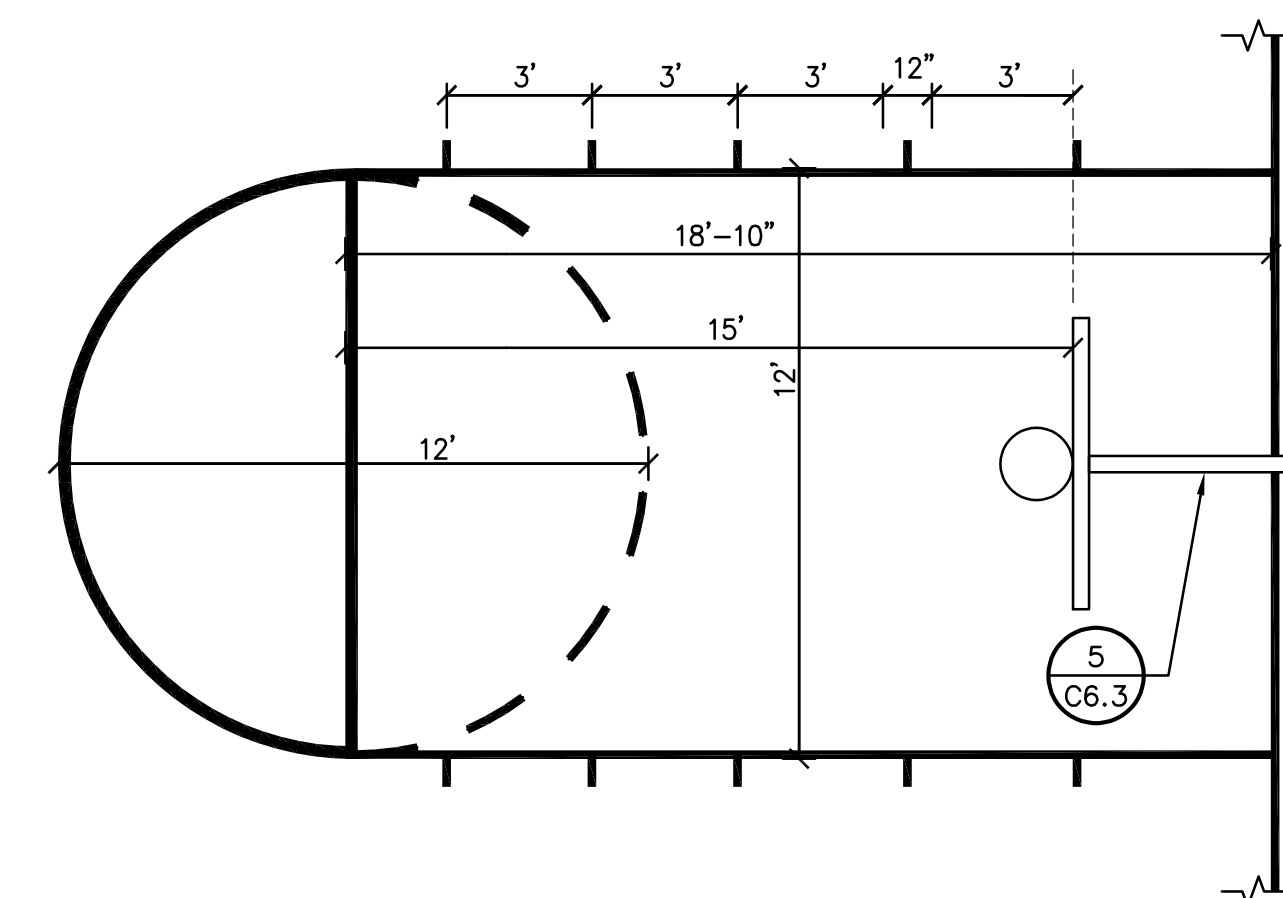
**8 TETHERBALL COURT STRIPING**  
 NO SCALE



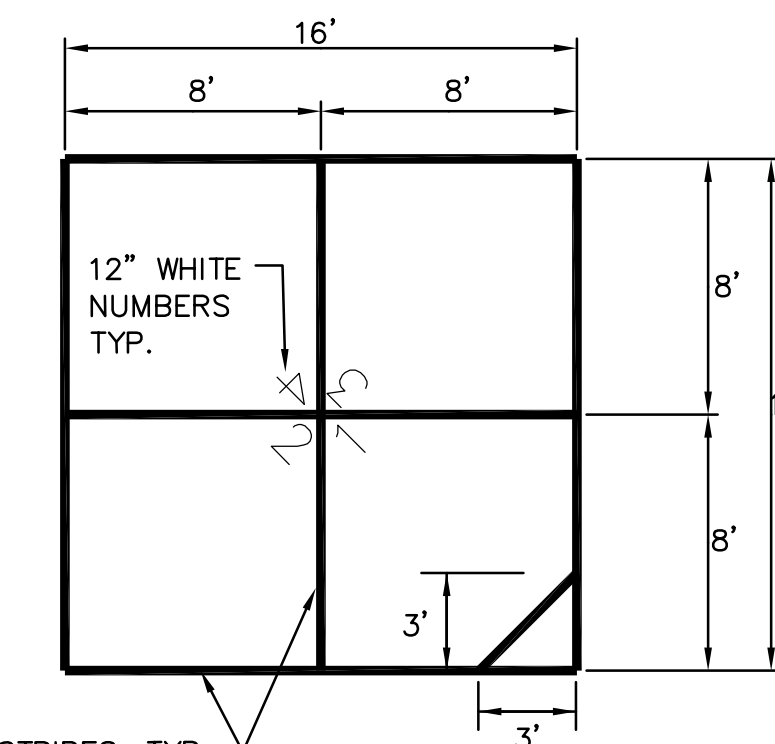
**1 CIRCLE COURT**  
 TYPE 2 NO SCALE



**2 BASKETBALL COURT**  
 NO SCALE



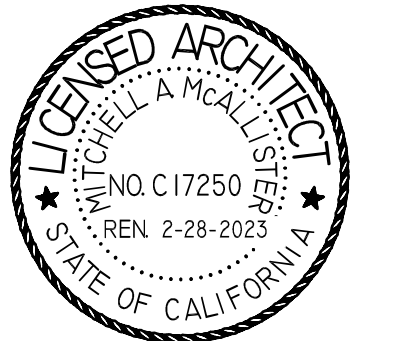
**3 BASKETBALL KEY DETAIL**  
 NO SCALE



**4 FOUR SQUARE STRIPING**  
 NO SCALE



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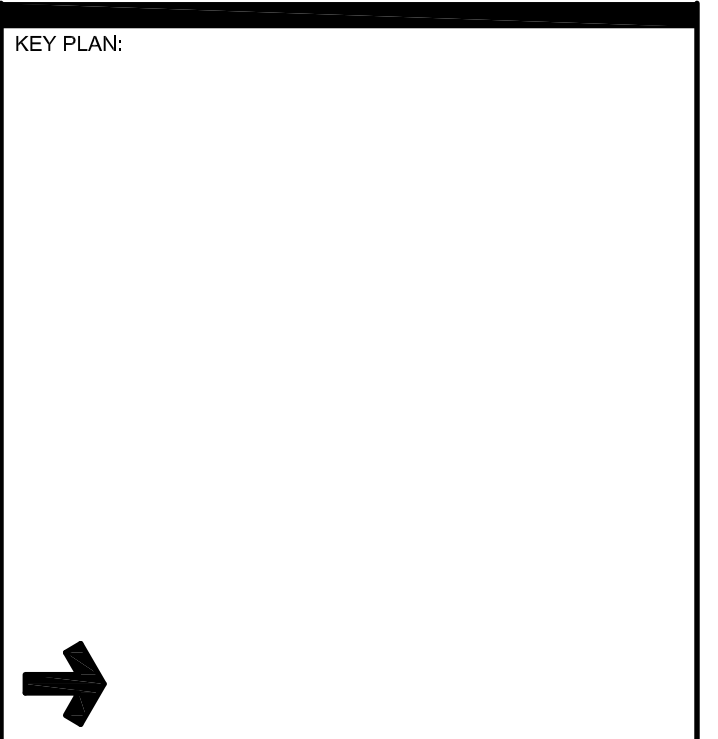


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KEY PLAN	
SHEET TITLE: <b>STRIPING DETAILS</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>C6.3</b>
REVISION:	

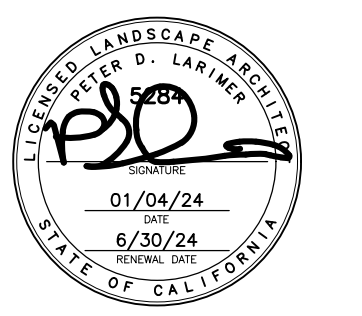




KEY	LANDSCAPE LEGEND
	<b>LAWN REPAIR (SOD)</b> SOD TO BE 90/10 DWARF FESCUE/BLUE. MINIMUM SIZE OF SOD TO PATCH/REPAIR IS TO BE THE WIDTH OF THE ROLL OF SOD BY 24"
	<b>PLANTING AREA REPAIR</b> REPLACE ANY DAMAGED PLANT. INSTALLED 3" DEPTH OF NEW BARK AND CLEAN UP ANY WEEDS
	EXISTING TREE



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PROJECT NAME:  
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 SCHOOL**  
 6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
 SCHOOL DISTRICT  
 5735 47TH AVENUE  
 SACRAMENTO, CA 95824  
 SACRAMENTO COUNTY

KEY PLAN:

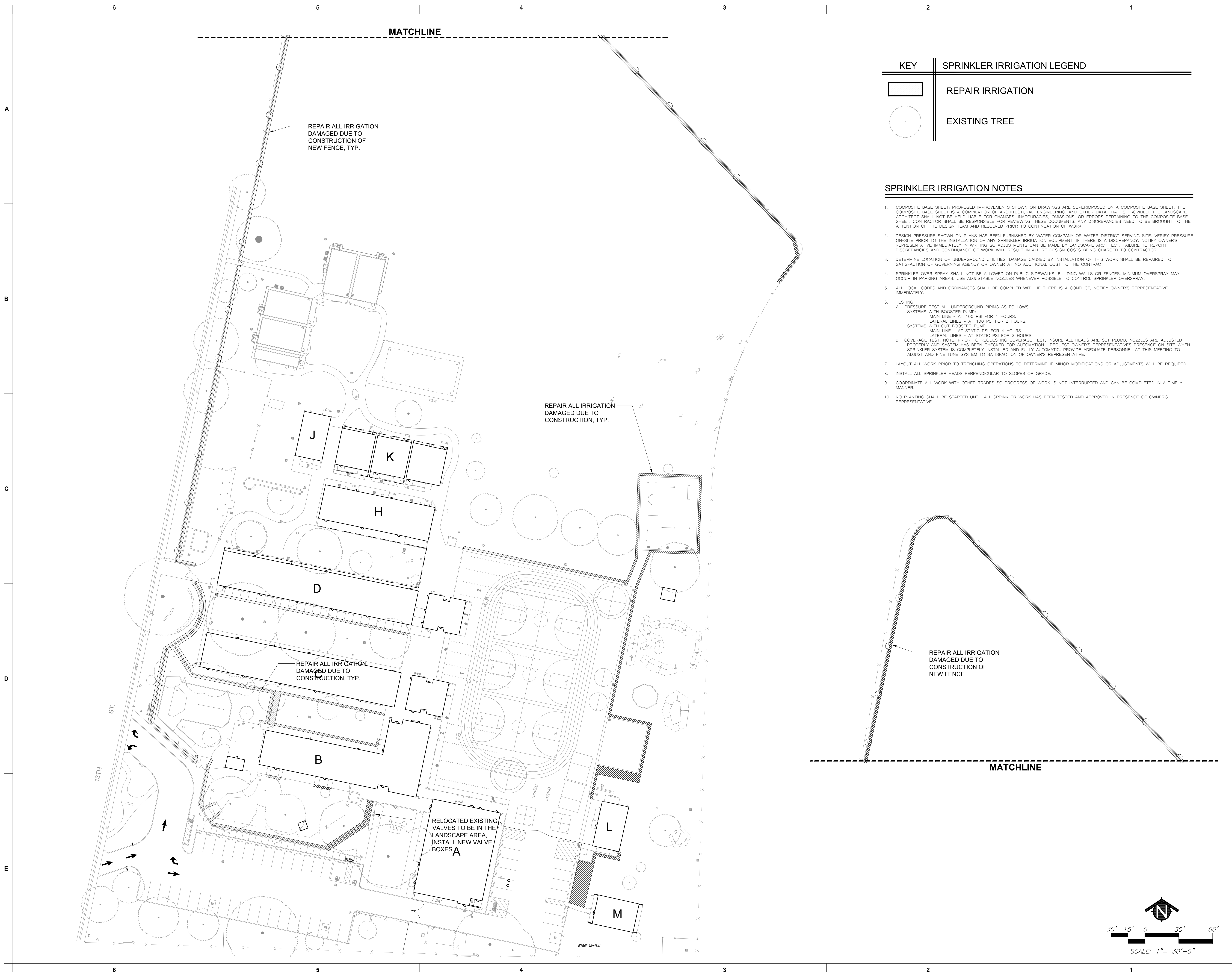
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SHEET TITLE:  
**LANDSCAPE PLAN**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 04, 2024	<b>L1.1</b>
REVISION:	

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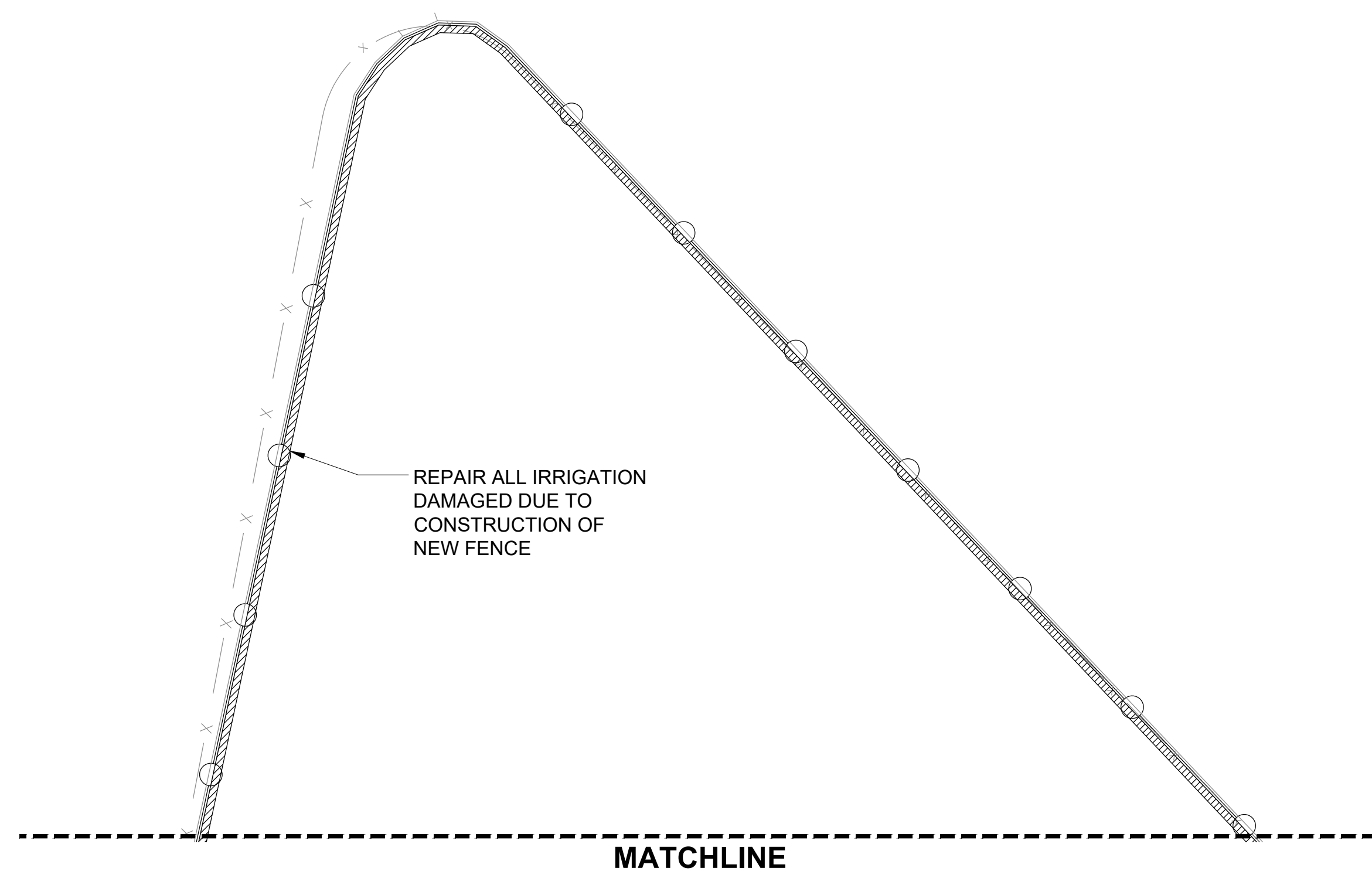




KEY		SPRINKLER IRRIGATION LEGEND	
	REPAIR IRRIGATION		EXISTING TREE

**SPRINKLER IRRIGATION NOTES**

- COMPOSITE BASE SHEET: PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
- DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
- DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
- SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
- ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
- TESTING:
  - PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
    - SYSTEMS WITH BOOSTER PUMP:
      - MAIN LINE - AT 100 PSI FOR 4 HOURS.
      - LATERAL LINES - AT 100 PSI FOR 2 HOURS.
    - SYSTEMS WITH OUT BOOSTER PUMP:
      - MAIN LINE - AT STATIC PSI FOR 4 HOURS.
      - LATERAL LINES - AT STATIC PSI FOR 2 HOURS.
  - COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVE'S PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
- LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
- INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
- COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
- NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.



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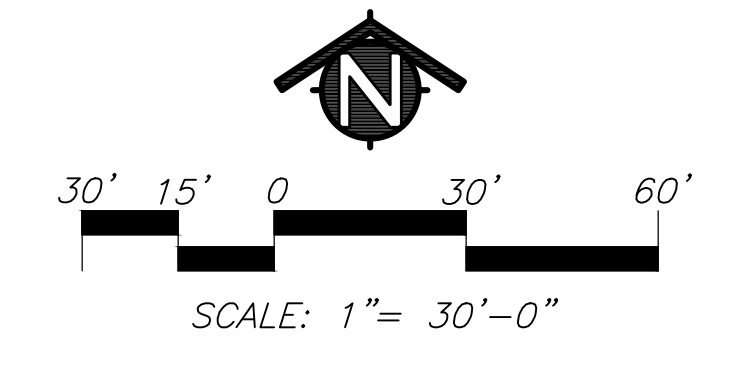
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PROJECT NAME:  
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**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN	
➔	
SHEET TITLE: <b>IRRIGATION PLAN</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 04, 2024	<b>L2.1</b>
REVISION:	



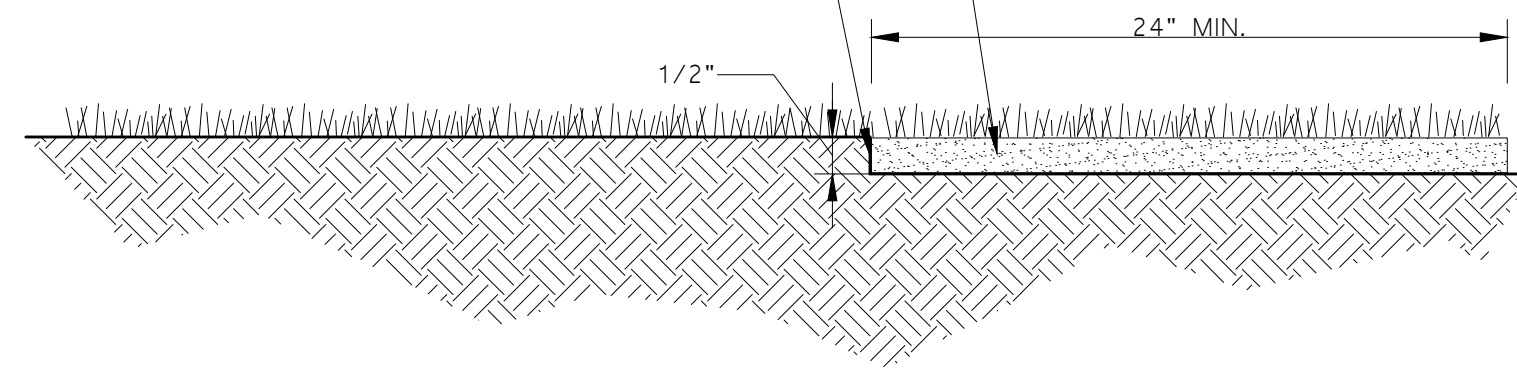
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NOTE:  
1. SEE SPECIFICATIONS FOR SOD BLEND.

NEW SOD, INSTALL IN MINIMUM 24" WIDTH

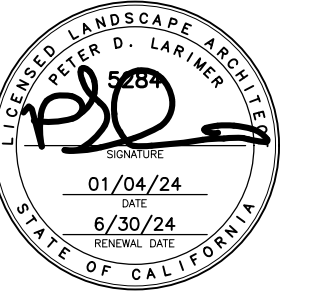
GRADE TO RECEIVE NEW SOD NEEDS TO BE LOWERED BY APPROXIMATELY 1/2" SO WHEN SOD IS PLACED THE TOP OF THE SOD SOIL IS FLUSH WITH EXISTING AND THERE IS A FLUSH TRANSITION BETWEEN THE EXISTING TURF AND NEW SOD. EDGE OF EXISTING TURF TO BE CUT WITH A CLEAN STRAIGHT LINE SO NEW SOD CAN BE FLUSH WHEN INSTALLED.



# TURF REPAIR WITH SOD DETAIL

**DESIGN**  
*California*  
**WEST**  
CALIFORNIA DESIGN  
WEST ARCHITECTS, Inc.  
2165 19th Street  
Sacramento, CA 95818

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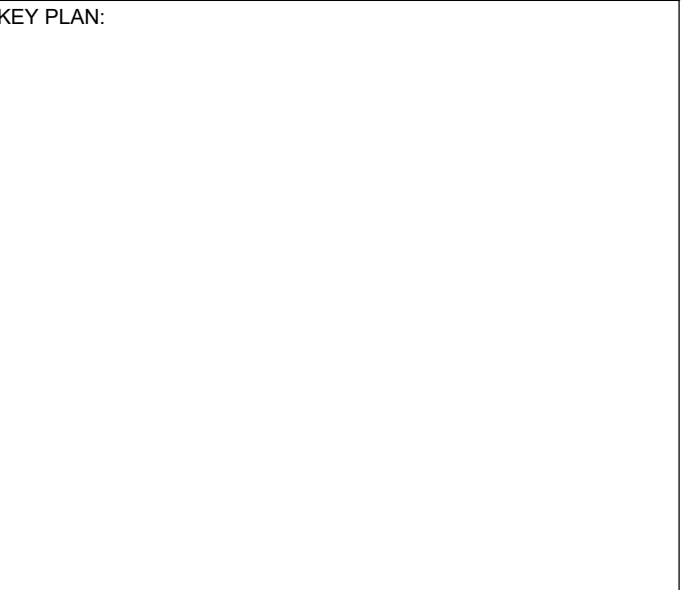


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PROJECT NAME:  
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**CAMPUS RENEWAL**

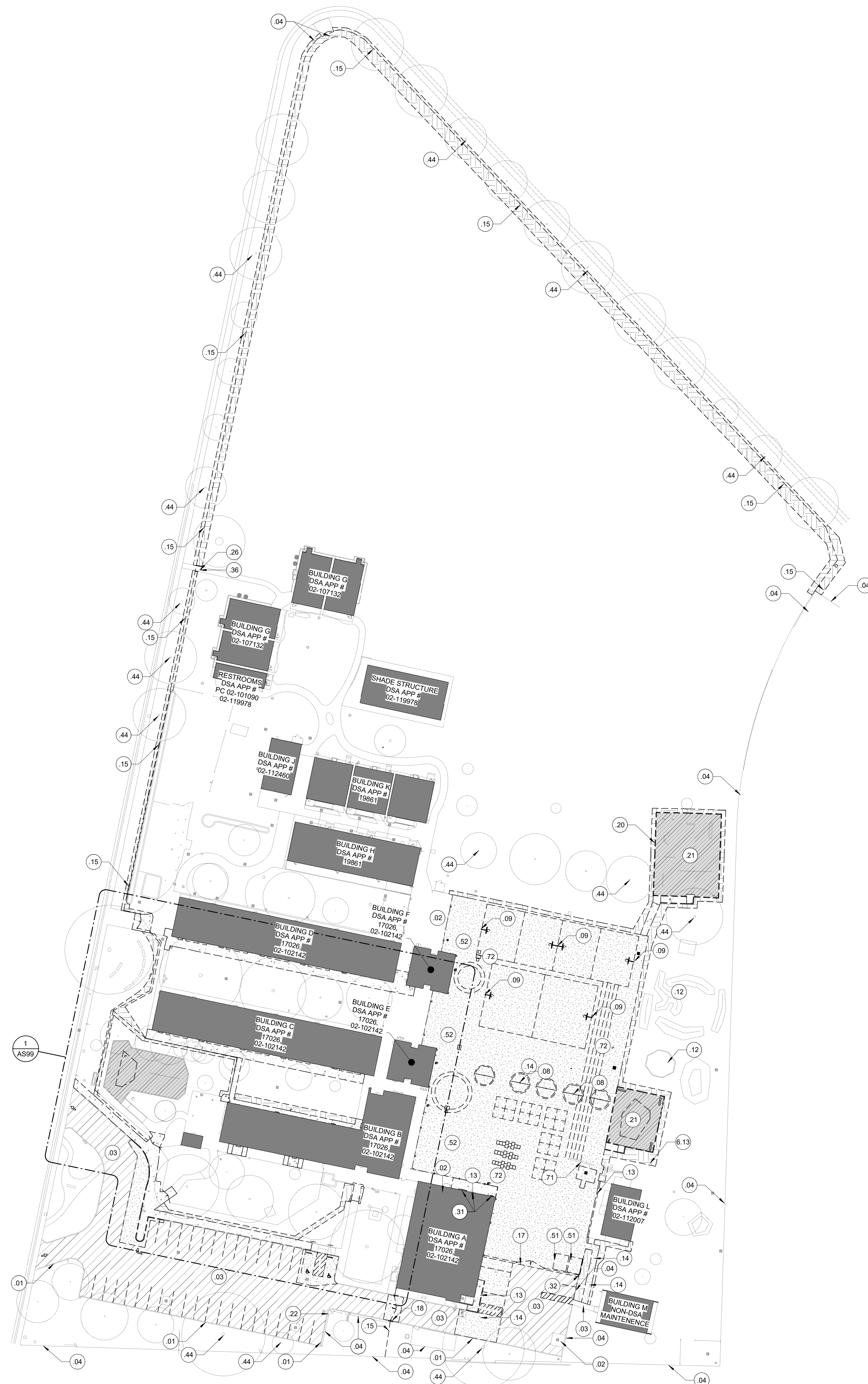
SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:  


SHEET TITLE:  
**LANDSCAPE/IRRIGATION  
DETAILS**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 04, 2024	<b>L3.1</b>
REVISION:	





1 OVERALL ARCHITECTURAL SITE DEMOLITION PLAN  
1" = 40'-0"

GENERAL NOTES

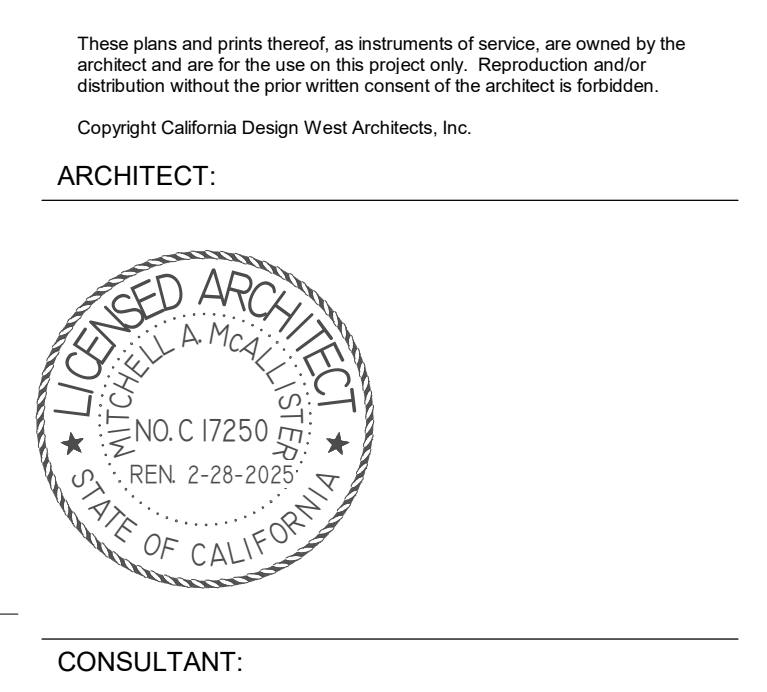
1. ALL COMPONENTS, FIXTURES, FINISHES, EQUIPMENT, AND FURNISHINGS EXISTING TO REMAIN SHALL BE PROTECTED FROM DUST OR DAMAGE DURING DEMOLITION AND REMODEL.
2. UTILITIES LOCATED ON WALLS TO REMAIN ARE TO BE PROTECTED AND SHALL REMAIN IN SERVICE, UNLESS OWNER APPROVES SHUTDOWN OF THOSE UTILITIES. UTILITIES ARE TO BE RESTORED TO PRE-DEMOLITION CONDITION DURING CONSTRUCTION.
3. BLACK DASHED LINES SHOW FENCING, GATES, PAVING, EQUIPMENT, ETC. TO BE REMOVED. EXISTING COMPONENTS TO REMAIN ARE SHOWN AS LIGHTER GRAY CONTINUOUS LINES. REFER TO SYMBOL LEGEND BELOW.
4. REFER TO CIVIL, LANDSCAPE, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION REGARDING SCOPE OF WORK WITHIN GRADING AND LANDSCAPE DEMOLITION AREAS.
5. PROVIDE CONSTRUCTION BARRIER AS REQUIRED BY OWNER.
6. REFER TO CIVIL DEMOLITION PLANS FOR ADDITIONAL PAVING DEMOLITION INFORMATION AND UNDERGROUND UTILITY DEMOLITION.
7. IF ANY ITEM OR FINISH IS DAMAGED DURING DEMOLITION, REMOVAL OR REMODEL, CONTRACTOR SHALL FURNISH TO REPLACE AND/OR MATCH EXISTING ITEM OR FINISH WHICH WAS DAMAGED.
8. FIELD VERIFY ALL DIMENSIONS TO EXISTING CONDITIONS AT START OF CONSTRUCTION. COORDINATE WITH MINIMUM ADA CLEARANCES TO SPECIFIED FIXTURES. NOTIFY ARCHITECT OF ANY DISCREPANCIES OF DIMENSIONS PRIOR TO ANY WORK IN THAT RESPECTIVE AREA.

LEGEND

- 1.01 KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED.
- PROTECT (E) COMPONENTS TO REMAIN (LIGHTER / GRAY LINES).
- COMPONENTS TO BE DEMOLISHED (OR REMOVED / SALVAGED / PREPPED FOR NEW WORK) - (BLACK DASHED LINES). REFER TO KEYED NOTES.
- EXISTING BUILDINGS, TYP. REFER TO KEYED NOTES AND ENLARGED PLANS FOR SCOPE OF WORK.
- LOCATION OF EXISTING COMPLIANT TOILET FACILITIES.
- PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND TREE ROOTS WHERE REQUIRED.
- SAW-CUT (E) ASPHALT PAVING WHERE REQUIRED AND DEMOLISH. PREP FOR NEW PAVING. LIME-TREAT PER GEOTECH. REFER TO CIVIL FOR PAVING SECTIONS AND WORK ASSOCIATED WITH UTILITIES BELOW.
- DEMOLISH EXISTING CONCRETE PAVING / CURBS TYP. SAW-CUT AS REQUIRED. LOCATE SAW-CUT AT NEAREST CONTROL JOINT WHERE APPLICABLE.
- REMOVE ALL WOOD-CHIP FALL PROTECTION. SALVAGE AND STORE CLEAN AND ACCEPTABLE CHIPS TO REINSTALL AT (E) KINDER AREA. GRADE AND PREP FOR NEW WORK. REFER TO CIVIL. EXCESS WOOD-CHIPS TO BE EXPOSED OF BY GC.
- PRESSURE-WASH. CLEAN, AND REMOVE WEEDS AND DEBRIS FROM ASPHALT CRACKS AND PREPARE FOR CRACK-FILL AND SEAL-COAT.
- LANDSCAPE AREAS TO BE REMOVED AS REQUIRED FOR NEW WORK. MINIMIZE DAMAGE TO EXISTING ADJACENT PLANTS, TREES, SHRUBS, ETC. TO THE EXTENT POSSIBLE. REVISE IRRIGATION TO EDGE OF NEW WORK AS REQUIRED. REFER TO LANDSCAPE DRAWINGS.

KEYED NOTES

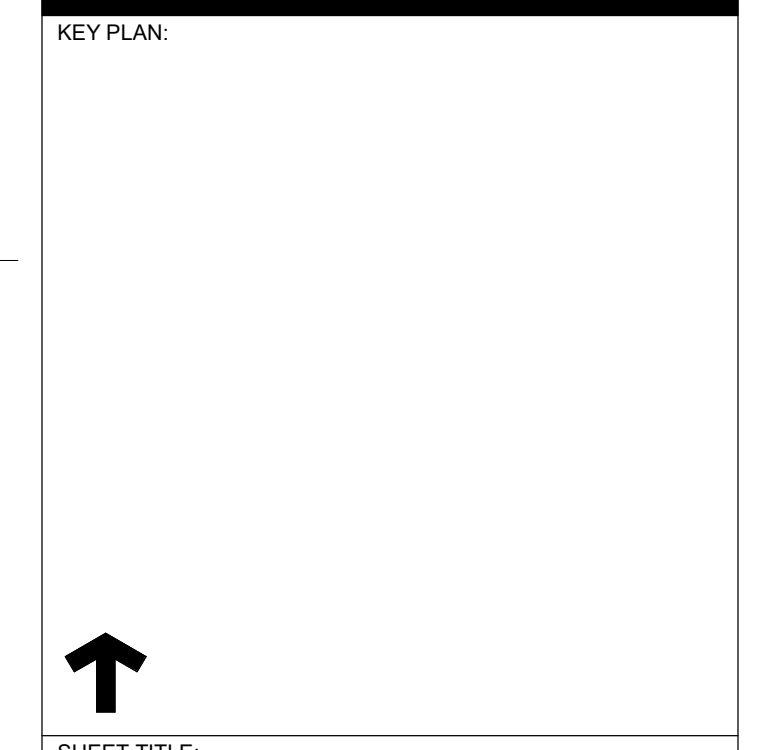
- 01 (E) CONCRETE CURB TO REMAIN, U.O.N.
- 02 (E) CONCRETE SOG TO REMAIN, U.O.N.
- 03 (E) AC PAVING TO REMAIN, U.O.N.
- 04 (E) FENCING ASSEMBLY TO REMAIN, TYP., U.O.N.
- 08 DEMOLISH (E) TETHERBALL ASSEMBLY AND FOOTING, TYP. FILL AND COMPACT HOLE WITH COMPACTED ENGINEERED FILL PER SPECS.
- 09 DEMOLISH (E) BASKETBALL POLE / BACKSTOP ASSEMBLY AND FOOTING, TYP. FILL AND COMPACT HOLE WITH COMPACTED ENGINEERED FILL PER SPECS.
- 12 PROTECT (E) SITE AMENITIES AND SITE FURNISHINGS TO REMAIN, TYP.
- 13 DEMOLISH (E) CONCRETE WALK TO EXTENTS NOTED. SAW-CUT AT ADJACENT CONCRETE WALK TO REMAIN (WHERE OCCURS).
- 14 DEMOLISH (E) AC PAVING TO EXTENTS NOTED. SAW-CUT ALONG (E) EDGES TO REMAIN WHERE APPLICABLE.
- 15 DEMOLISH (E) CHAIN-LINK FENCING ASSEMBLY TO EXTENTS NOTED; MESH, POLES, AND ASSOCIATED FOOTINGS. BACKFILL FOOTING CAVITIES WITH ENGINEERED FILL PER SPECS. USE CAUTION TO PROTECT (E) ADJACENT PAVING TO REMAIN.
- 17 SAW-CUT STRAIGHT EDGE AS REQUIRED ALONG (E) PAVING TO REMAIN. PROTECT EDGE.
- 18 DEMOLISH ~42" SECTION OF (E) CONCRETE CURB FOR NEW FENCING / GATE WORK. SAW-CUT AND PROTECT EDGES AS REQUIRED WHERE CURB IS TO REMAIN. REFER TO CIVIL.
- 20 DEMOLISH (E) PLAY AREA WOOD PERIMETER CURB WITH ASSOCIATED POSTS AND FOOTINGS, TYP.
- 21 REMOVE AND SALVAGE, STORE, AND CLEAN WOOD CHIP FALL PROTECTION FROM THIS EXERCISE AREA TO BE REUSED AS NEEDED AT THE KINDER PLAY AREA. GRADE AS REQUIRED FOR NEW PERIMETER CURB AND PIP FALL-PROTECTION ASSEMBLY. REFER TO CIVIL.
- 22 (E) BOLLARDS TO REMAIN, TYP.
- 26 PROTECT (E) DG PATH ASSEMBLY TO REMAIN, TYP. REGRADE AND PROVIDE NEW INFILL DG RECOMPACT AS REQUIRED AT NEW FENCING / GATE, TYP.
- 31 DEMOLISH (E) TRANSITION AT THRESHOLD / STOOP. PROTECT (E) DOOR ASSEMBLY.
- 32 PROTECT (E) FENCE POST TO REMAIN.
- 36 CONTRACTOR TO REMOVE, SALVAGE, AND REINSTALL (E) SIGNAGE MOUNTED ON FIRE ACCESS MAN GATE.
- 44 PROTECT (E) TREES AND ROOT SYSTEM TO REMAIN, TYP. PROTECT AND CAREFULLY REMOVE SOIL FROM AROUND TREE ROOTS TO REMAIN WHERE REQUIRED FOR NEW WORK.
- 51 REMOVE, SALVAGE, AND RELOCATE NON-DSA STORAGE SHED ON SITE PER DISTRICT DIRECTIVE.
- 52 DEMOLISH AND REPLACE (E) UNDERGROUND UTILITIES BELOW PAVING BEING REMOVED AND REPLACED. REROUTE AS NECESSARY TO AVOID PAVING / STRUCTURES TO REMAIN, TYP. REFER TO CIVIL.
- 71 PROTECT (E) BALL-WALL TO REMAIN.
- 72 REPLACE AND ADJUST (E) UTILITY BOX / COVER WITHIN EXISTING PAVING TO BE REPLACED. REFER TO CIVIL. REFER TO ELECTRICAL.
- 6.13 PROVIDE IRRIGATION AND NEW PATCH-BACK SOD WHERE (E) PAVEMENT REMOVED AS PART OF THIS JOB. EXTEND EXISTING IRRIGATION ZONE. REFER TO LANDSCAPE.



PROJECT NAME:  
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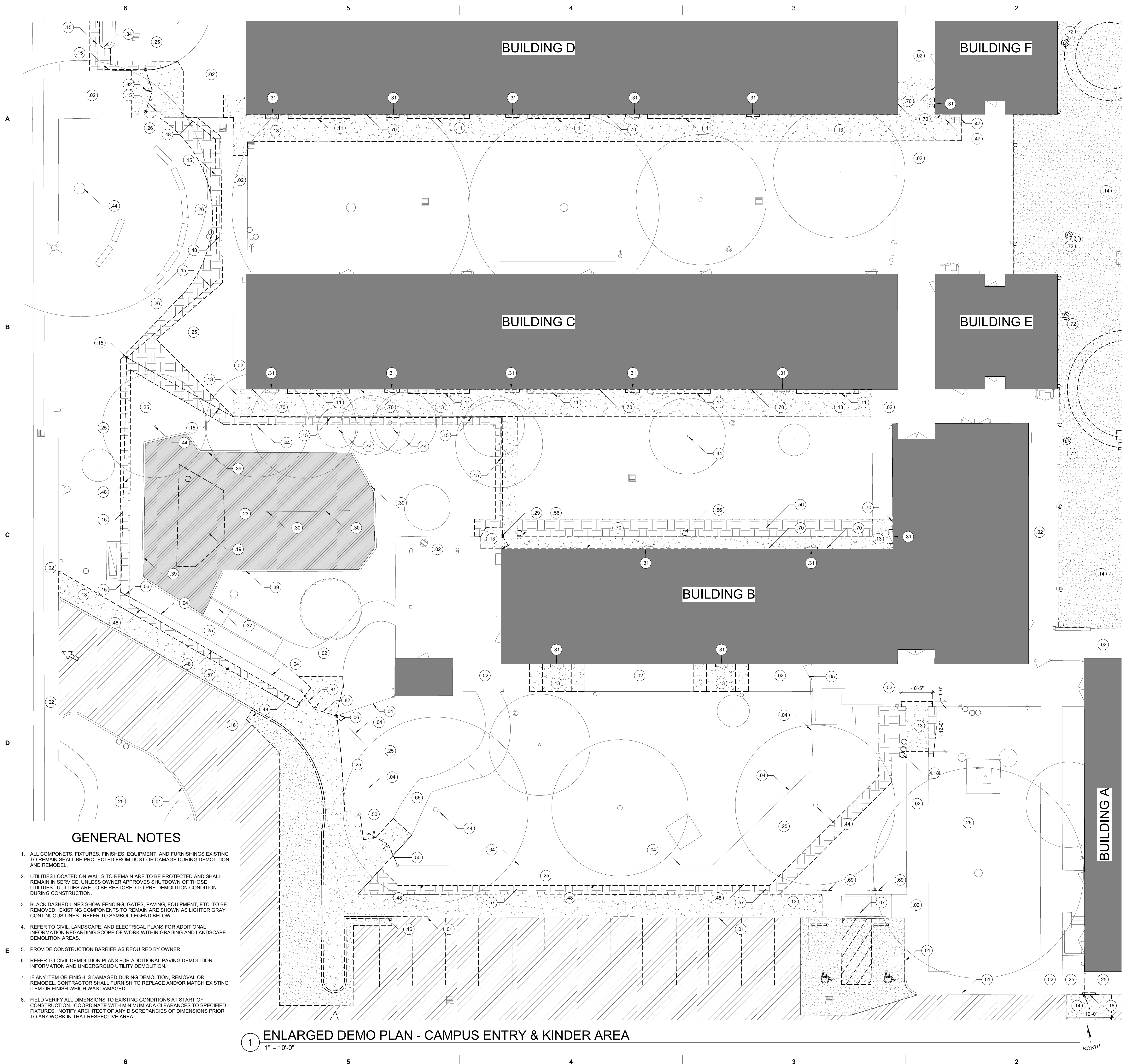
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY



SHEET TITLE:  
**OVERALL ARCHITECTURAL SITE DEMOLITION PLAN**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>AS98</b>
REVISION:	





### LEGEND

- 1.01 KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED.
- PROTECT (E) COMPONENTS TO REMAIN (LIGHTER / GRAY LINES).
- - - COMPONENTS TO BE DEMOLISHED (OR REMOVED / SALVAGED / PREPPED FOR NEW WORK) - (BLACK DASHED LINES). REFER TO KEYED NOTES.
- EXISTING BUILDINGS, TYP. REFER TO KEYED NOTES AND ENLARGED PLANS FOR SCOPE OF WORK.
- LOCATION OF EXISTING COMPLIANT TOILET FACILITIES.
- 0 PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND TREE ROOTS WHERE REQUIRED.
- SAW-CUT (E) ASPHALT PAVING WHERE REQUIRED AND DEMOLISH. PREP FOR NEW PAVING. LIME-TREAT PER GEOTECH. REFER TO CIVIL FOR PAVING SECTIONS AND WORK ASSOCIATED WITH UTILITIES BELOW.
- DEMOLISH EXISTING CONCRETE PAVING / CURBS TYP. SAW-CUT AS REQUIRED. LOCATE SAW-CUT AT NEAREST CONTROL JOINT WHERE APPLICABLE.
- REMOVE ALL WOOD-CHIP FALL PROTECTION. SALVAGE AND STORE CLEAN AND ACCEPTABLE CHIPS TO REINSTALL AT (E) KINDER AREA. GRADE AND PREP FOR NEW WORK. REFER TO CIVIL. EXCESS WOOD-CHIPS TO BE EXPOSED OF BY GC.
- PRESSURE-WASH, CLEAN, AND REMOVE WEEDS AND DEBRIS FROM ASPHALT CRACKS AND PREPARE FOR CRACK-FILL AND SEAL-COAT.
- LANDSCAPE AREAS TO BE REMOVED AS REQUIRED FOR NEW WORK. MINIMIZE DAMAGE TO EXISTING ADJACENT PLANTS, TREES, SHRUBS, ETC. TO THE EXTENT POSSIBLE. REVISE IRRIGATION TO EDGE OF NEW WORK AS REQUIRED. REFER TO LANDSCAPE DRAWINGS.

### KEYED NOTES

- 01 (E) CONCRETE CURB TO REMAIN, U.O.N.
- 02 (E) CONCRETE SOG TO REMAIN, U.O.N.
- 04 (E) FENCING ASSEMBLY TO REMAIN, TYP., U.O.N.
- 05 (E) GATE(S) TO REMAIN, TYP., U.O.N.
- 06 INTENT IS FOR NEW FENCE LAYOUT TO AVOID THE EXISTING OUTSIDE FENCE POST TO REMAIN. IF THIS IS NOT POSSIBLE, OUTSIDE CORNER POST WILL HAVE TO BE DEMOLISHED. REMOVE AND SALVAGE (E) CHAIN-LINK FENCING FABRIC TO AND PROTECT ADJACENT FENCE POSTS.
- 07 (E) ADA-COMPLIANT TRUNCATED DOME ASSEMBLY AND CURB CUTS TO REMAIN.
- 11 REMOVE AND SALVAGE (E) SITE FURNISHINGS TO REINSTALL AFTER NEW CONCRETE WORK IS COMPLETE. TO BE SANDED, PREPPED, AND PAINTED PRIOR TO REINSTALLATION.
- 13 DEMOLISH (E) CONCRETE WALK TO EXTENTS NOTED. SAW-CUT AT ADJACENT CONCRETE WALK TO REMAIN (WHERE OCCURS).
- 14 DEMOLISH (E) AC PAVING TO EXTENTS NOTED. SAW-CUT ALONG (E) EDGES TO REMAIN WHERE APPLICABLE.
- 15 DEMOLISH (E) CHAIN-LINK FENCING ASSEMBLY TO EXTENTS NOTED; MESH, POLES, AND ASSOCIATED FOOTINGS. BACKFILL FOOTING CAVITIES WITH ENGINEERED FILL PER SPECS. USE CAUTION TO PROTECT (E) ADJACENT PAVING TO REMAIN.
- 16 DEMOLISH (E) CONCRETE CURB. SAW-CUT AND PROTECT EDGES AS REQUIRED WHERE CURB IS TO REMAIN. REFER TO CIVIL.
- 18 DEMOLISH -42" SECTION OF (E) CONCRETE CURB FOR NEW FENCING / GATE WORK. SAW-CUT AND PROTECT EDGES AS REQUIRED WHERE CURB IS TO REMAIN. REFER TO CIVIL.
- 19 DEMOLISH (E) PLAY APPARATUS, WITH ALL ASSOCIATED POSTS, BRACKETS AND FOOTINGS, TYP.
- 23 REMOVE, AND SALVAGE, STORE, AND SIFT / CLEAN WOOD CHIP FALL PROTECTION FROM THE KINDER PLAY AREA TO BE REUSED AS NEEDED AFTER NEW APPARATUS WORK IS COMPLETE. GRADE AS REQUIRED FOR NEW APPARATUS INSTALLATION AND DRAINAGE. REFER TO CIVIL.
- 25 LANDSCAPE AREA TO REMAIN, U.O.N. REVISE IRRIGATION AROUND NEW WORK WHERE APPLICABLE. REFER TO LANDSCAPE.
- 26 PROTECT (E) DG PATH ASSEMBLY TO REMAIN, TYP. REGRADE AND PROVIDE NEW INFILL DG RECOMPACT AS REQUIRED AT NEW FENCING / GATE, TYP.
- 29 DEMOLISH (E) GATE ASSEMBLY AND ASSOCIATED FOOTINGS. INFILL AND COMPACT CAVITIES WITH AGG BASE.
- 30 PROTECT (E) SWING APPARATUS ASSEMBLY TO REMAIN.
- 31 DEMOLISH (E) TRANSITION AT THRESHOLD / STOOP. PROTECT (E) DOOR ASSEMBLY.
- 34 PROTECT (E) CMU PLANTER WALL TO REMAIN.
- 37 (E) CONCRETE CURBS, RAMP, AND LANDING TO REMAIN.
- 39 PROTECT (E) WOOD RETAINING HEADER BOARD ASSEMBLY AROUND KINDER PLAY AREA, TYP.
- 44 PROTECT (E) TREES AND ROOT SYSTEM TO REMAIN, TYP. PROTECT AND CAREFULLY REMOVE SOIL FROM AROUND TREE ROOTS TO REMAIN WHERE REQUIRED FOR NEW WORK.
- 47 REMOVE, SALVAGE, AND REINSTALL (E) GROUND-MOUNTED PIPE RAILING ASSEMBLY ON EITHER SIDE OF (E) DRINKING FOUNTAIN ASSEMBLY TO REMAIN. DEMO FOOTINGS FROM PIPE. PROVIDE NEW CONCRETE FOOTINGS.
- 48 CONTRACTOR TO MINIMIZE DEMOLITION OR DAMAGE OF EXISTING PLANTING / VEGETATION TO THE EXTENT POSSIBLE FOR NEW FENCING WORK.
- 50 REMOVE, SALVAGE, AND STORE (E) GATE FOR REINSTALLATION AFTER NEW PAVING AND FENCING WORK IS COMPLETE. COORDINATE LOCATION OF NEW FENCING WITH (E) GATE SIZE.
- 56 DEMOLISH / RELOCATE (E) IN-GROUND IRRIGATION VALVE ASSEMBLY. RECONNECT / REPAIR LINE TO MAINTAIN FUNCTION TO OTHER CONNECTED FIXTURES, TYP.
- 57 CUT BACK, CLEAN, AND REMOVE (E) PLANTING INTERFERING WITH NEW WORK AT EXISTING FENCING, TYP.
- 66 PROTECT (E) BRICK PAVERS TO REMAIN.
- 69 DEMO (E) ADA SIGNAGE. PROTECT (E) POST TO REMAIN FOR NEW SIGNAGE.
- 70 PROTECT (E) BRICK VENEER ASSEMBLY SET ATOP CONCRETE WALKWAY. USE EXTREME CAUTION WHEN DEMOLISHING WALKWAY BELOW BRICK VENEER TO REMAIN. SAW-CUT CONC. WALK ALONG FACE OF BRICK (MAY BE AT SLIGHT ANGLE).
- 72 REPLACE AND ADJUST (E) UTILITY BOX / COVER WITHIN EXISTING PAVING TO BE REPLACED. REFER TO CIVIL. REFER TO ELECTRICAL.
- 81 DEMOLISH (E) GATE. GATE POST TO REMAIN FOR NEW SMALL GATE CLOSURE BETWEEN NEW AND EXISTING FENCING.
- 82 DEMOLISH (E) GATE AND GATE POST. PROTECT (E) FENCE FABRIC AT CORNER TO BE REINSTALLED TO NEW FENCE POST. PROVIDE NEW BLACK HARDWARE TO MATCH ORNAMENTAL FENCING.
- 4.18 RELOCATE IRRIGATION CONTROL VALVES OUTSIDE OF NEW CONCRETE WALKWAY. PROVIDE NEW VALVES CONNECTED TO EXISTING CONTROL LINES. CONNECT TO NEW LATERAL AND IRRIGATION HEADS ALONG NEW CONCRETE WALKWAY. REFER TO LANDSCAPE.

### GENERAL NOTES

1. ALL COMPONENTS, FIXTURES, FINISHES, EQUIPMENT, AND FURNISHINGS EXISTING TO REMAIN SHALL BE PROTECTED FROM DUST OR DAMAGE DURING DEMOLITION AND REMODEL.
2. UTILITIES LOCATED ON WALLS TO REMAIN ARE TO BE PROTECTED AND SHALL REMAIN IN SERVICE, UNLESS OWNER APPROVES SHUTDOWN OF THOSE UTILITIES. UTILITIES ARE TO BE RESTORED TO PRE-DEMOLITION CONDITION DURING CONSTRUCTION.
3. BLACK DASHED LINES SHOW FENCING, GATES, PAVING, EQUIPMENT, ETC. TO BE REMOVED. EXISTING COMPONENTS TO REMAIN ARE SHOWN AS LIGHTER GRAY CONTINUOUS LINES. REFER TO SYMBOL LEGEND BELOW.
4. REFER TO CIVIL, LANDSCAPE, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION REGARDING SCOPE OF WORK WITHIN GRADING AND LANDSCAPE DEMOLITION AREAS.
5. PROVIDE CONSTRUCTION BARRIER AS REQUIRED BY OWNER.
6. REFER TO CIVIL DEMOLITION PLANS FOR ADDITIONAL PAVING DEMOLITION INFORMATION AND UNDERGROUND UTILITY DEMOLITION.
7. IF ANY ITEM OR FINISH IS DAMAGED DURING DEMOLITION, REMOVAL OR REMODEL, CONTRACTOR SHALL FURNISH TO REPLACE AND/OR MATCH EXISTING ITEM OR FINISH WHICH WAS DAMAGED.
8. FIELD VERIFY ALL DIMENSIONS TO EXISTING CONDITIONS AT START OF CONSTRUCTION. COORDINATE WITH MINIMUM ADA CLEARANCES TO SPECIFIED FIXTURES. NOTIFY ARCHITECT OF ANY DISCREPANCIES OF DIMENSIONS PRIOR TO ANY WORK IN THAT RESPECTIVE AREA.

**1** ENLARGED DEMO PLAN - CAMPUS ENTRY & KINDER AREA  
1" = 10'-0"



**CALIFORNIA DESIGN WEST ARCHITECTS, Inc.**  
2100 19th Street  
Sacramento, CA 95818

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ARCHITECT:



CONSULTANT:

PROJECT NAME:

**ALICE BIRNEY PUBLIC  
WALDORF TK-8  
SCHOOL**

6254 13TH STREET  
SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

PROJECT NAME:

**SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT**

5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:

ENLARGED ARCH'L  
SITE DEMOLITION  
PLANS

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	AS99
REVISION:	





1 OVERALL ARCHITECTURAL SITE PLAN  
1" = 40'-0"

**GENERAL NOTES**

- PROTECT EDGES OF EXISTING PAVING TO REMAIN. EXISTING ADJACENT CONCRETE PAVING, BUILDINGS AND BUILDING COMPONENTS SHALL REMAIN CLEAN.
- WHERE PAVING GRADES ARE ADJUSTED SLIGHTLY AGAINST EXISTING BUILDINGS, CONTRACTOR SHALL CLEAN AND PAINT BASE OF BUILDINGS DOWN TO TOP OF NEW PAVING, TYP.
- ALL REPLACEMENT PAVING IN OPEN COURTYARD AREAS SHALL MAINTAIN 2% MAXIMUM SLOPE IN ANY DIRECTION. REFER TO CIVIL.
- REFER TO ENLARGED ARCHITECTURAL SITE PLANS FOR KEYED NOTES AND OTHER INFORMATION WITHIN OF THE ENLARGED CALLOUT AREAS.

**LEGEND**

- 1.01 KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED. NOT EVERY COMPONENT IS TAGGED - IF NOTE INDICATES TYPICAL, THE NOTE APPLIES TO ALL MATCHING / REPEATING GRAPHICAL SYMBOLS.
- NEW ASPHALT PAVING, TYP.  
3" AC OVER 6" AGG BASE OVER PREPARED SUB-GRADE - U.O.N.  
REFER TO CIVIL FOR VARYING SECTION LOCATIONS.
- CRACK-FILL AND SEAL-COAT EXISTING ASPHALT PAVING TO EXTENTS NOTED.
- 4" CONCRETE W/ #3 REBAR AT 18" O.C. EACH WAY OVER 6" AGG BASE OVER PREPARED SUB-GRADE, TYP. REFER TO CIVIL.
- CONTROL JOINT, TYP. (THINNER LINES)
- EXPANSION JOINT, TYP. (HEAVIER LINES)
- NEW 3-3/4" POURED-IN-PLACE FALL PROTECTION ASSEMBLY OVER 6" AGG BASE OVER PREPARED SUB-GRADE, TYP. REFER TO CIVIL FOR ELEVATIONS. CONTRACTOR SHALL PROVIDE NEW UG STORM DRAIN CONNECTION PER CIVIL.
- REINSTALL SALVAGED WOOD-CHIPS AFTER GRADING AND INSTALLING NEW PLAY APPARATUS.
- GRADE AND REPAIR LANDSCAPE TO MATCH EXISTING ADJACENT LANDSCAPE, WHERE IMPACTED BY NEW WORK. REVISE EXISTING IRRIGATION TO EDGE OF NEW WORK WHERE IMPACTED. REFER TO LANDSCAPE DRAWINGS.
- PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND TREE ROOTS WHERE REQUIRED.
- 6' TALL ORNAMENTAL FENCING ASSEMBLY. CORE INTO (E) CONCRETE WHERE APPLICABLE. SET WITHIN EXISTING CONCRETE WALKWAY TO REMAIN. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW-STRIP WHERE FENCING IS WITHIN LANDSCAPE AREAS; PROVIDE (2) #4 CONTINUOUS REBAR WITHIN MOW STRIP.
- BLACK VINYL-COATED CHAIN LINK FENCE ASSEMBLY. CORE INTO (E) CONCRETE WHERE APPLICABLE. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW-STRIP WHERE FENCING FALLS WITHIN LANDSCAPE AREAS W/ (2) #4 CONTINUOUS REBAR. REFER TO KEYED NOTES FOR HEIGHT OF FENCING ASSEMBLY.
- DOWNSPOUT CONNECTION TO NEW STORM DRAIN LINE. PROVIDE NEW "CLEANOUT" AND TRANSITON TO EXISTING DOWNSPOUT ASSEMBLY. REFER TO CIVIL.

**KEYED NOTES**

- .02 (E) CONCRETE SOG TO REMAIN, U.O.N.
- .03 (E) AC PAVING TO REMAIN, U.O.N.
- .04 (E) FENCING ASSEMBLY TO REMAIN, TYP., U.O.N.
- .12 PROTECT (E) SITE AMENITIES AND SITE FURNISHINGS TO REMAIN, TYP.
- .26 PROTECT (E) DG PATH ASSEMBLY TO REMAIN, TYP. REGRADE AND PROVIDE NEW INFILL DG RECOMPACT AS REQUIRED AT NEW FENCING / GATE, TYP.
- .44 PROTECT (E) TREES AND ROOT SYSTEM TO REMAIN, TYP. PROTECT AND CAREFULLY REMOVE SOIL FROM AROUND TREE ROOTS TO REMAIN WHERE REQUIRED FOR NEW WORK.
- .63 (E) CURB PAINTED RED. PROVIDE 5" TALL WHITE LETTERING AT TOP OF CURB WHICH INDICATES "FIRE LANE - NO PARKING" AT 25' INTERVALS.
- .605 4" WHEEL STOP, TYP. REFER TO CIVIL.
- .606 PROVIDE 3" WIDE RED DASHED STRIPING OVER NEW PAVING AT ALL DOOR SWINGS TO MATCH EXISTING, TYP.
- .613 PROVIDE IRRIGATION AND NEW PATCH-BACK SOD WHERE (E) PAVEMENT REMOVED AS PART OF THIS JOB. EXTEND EXISTING IRRIGATION ZONE. REFER TO LANDSCAPE.
- .615 (E) ADA-COMPLIANT "TOW-AWAY" SIGN TO REMAIN.
- .619 NEW STRIPING AS INDICATED, TYP. FIVE COLORS AT MAIN PLAY AREA TO BE DETERMINED BY DISTRICT. REFER TO CIVIL FOR LAYOUT. CONTRACTOR TO PROVIDE STRIPING PLAN SUBMITTAL FOR REVIEW PRIOR TO PERFORMING WORK. CONTRACTOR TO USE SIZES OF STRIPING ON C6.3 FOR BASIS OF DESIGN.
- .622 NEW PLAY STRUCTURE ASSEMBLY AND ASSOCIATED COMPONENTS WITH POURED-IN-PLACE FALL-PROTECTION AND PC SHADE STRUCTURE ABOVE. REFER TO ENLARGED PLAN.
- .624 GRADE AND PROVIDE CONCRETE PERIMETER CURB AND AGG BASE AS REQUIRED FOR NEW P.I.P. FALL PROTECTION SURFACING AT EXISTING EXERCISE EQUIPMENT STRUCTURES. ENSURE INSIDE FACE OF NEW CONCRETE CURB IS 6'-6" MINIMUM FROM ALL EQUIPMENT, TYP. REFER TO CIVIL.
- .627 ALL REPLACEMENT HARDCOURT PAVING SHALL BE SLOPED LESS THAN 2% IN ANY DIRECTION, TYP. REFER TO CIVIL.
- .631 PROTECT (E) BUILDING OVERHANG ABOVE, TYP.
- .632 PROTECT (E) BUILDING COLUMN TO REMAIN, TYP.
- .638 PROTECT (E) SIGNAGE AND POST TO REMAIN, TYP.
- .639 (E) BUILDING TO REMAIN, U.O.N., TYP. REFER TO OVERALL BUILDING PLANS.
- .640 (E) PLANTER / GRASS AREA. PROVIDE MINOR GRADING, TOP SOIL / AMENDMENT, AND PATCH-BACK SOD APPROXIMATELY 2'-4" WIDE ALONG EDGE OF ALL NEW WORK WHERE (E) GRASS IS DISTURBED.
- .644 24" WIDE x 5" THICK CONCRETE VALLEY GUTTER W/ (3) CONT. #4s. REFER TO CIVIL.
- .645 ALIGN NEW FENCE WITH AND CONNECT TO EXISTING FENCE ASSEMBLY TO REMAIN.
- .651 6' TALL BLACK VINYL-COATED CHAIN-LINK FENCE ASSEMBLY, TYP. PROVIDE 14" WIDE x 5" THICK CONT. CONCRETE MOW STRIP BELOW W/ (2) #4 CONT. REBAR (WHERE WITHIN OR ADJACENT TO LANDSCAPE AREA). CORE FENCE POSTS INTO (E) SLAB WHERE FENCING ALIGNS ABOVE, (E) CONCRETE TO REMAIN OR NEW ASPHALT). REFER TO SECTION DETAILS.
- .655 NEW SD CATCH BASIN WITH ADA-COMPLIANT GRATE, TYP. REFER TO CIVIL.
- .657 PROVIDE NEW TETHERBALL POLE ASSEMBLY AND FOOTING, TYP. REFER TO DETAIL 7/C7.3.
- .658 PROVIDE NEW BASKETBALL POLE / BACKSTOP ASSEMBLY AND FOOTING, TYP. REFER TO CIVIL DETAIL 5/C7.3. HEIGHT TO RIM AS NOTED.
- .659 (E) BALL WALL TO REMAIN. PROVIDE NEW STRIPING AS INDICATED.
- .660 PROVIDE NEW CONCRETE COLLAR AT (E) UTILITY BOXES TO REMAIN, TYP. ADJUST BOXES TO BE FLUSH WITH NEW AC PAVING, TYP. REFER TO CIVIL.
- .663 ALIGN.
- .674 CAST-IN-PLACE TRUNCATED DOME ASSEMBLY FULL WIDTH OF WALKWAY (WITHIN 2" OF EDGES). 3" LONG IN DIRECTION OF PEDESTRIAN TRAVEL.
- .677 12" HIGH PAINTED STRIPED LETTERING, TYP. PROVIDE SUBMITTAL FOR REVIEW TO CONFIRM VERBIAGE AND COLOR WITH SITE PRIOR TO PERFORMING WORK.
- .682 REMOVE, SALVAGE AND REINSTALL EXISTING CHAIN LINK FENCE ASSEMBLY TO BE CLOSED AGAINST NEW ORNAMENTAL FENCING ASSEMBLY. HARDWARE CONNECTED TO NEW ORNAMENTAL FENCE POST TO BE BLACK.
- .683 NEW FENCE LINE ALONG 43RD AVE. TO BE SHIFTED AWAY FROM TREES / ROADWAY 4' TO AVOID TREE ROOTS AND MAJOR VARIANCES IN THE GRADE. IRRIGATION TO BE ADJUSTED ALONG NEW FENCE LINE AS REQUIRED. REFER TO LANDSCAPE.
- .686 PROVIDE DOUBLE EV CHARGING STATION SET OVER 14" WIDE x 8" THICK x 26" DEEP CONCRETE EV CHARGER PEDESTAL CURB WITH CONDUITS AND ANCHOR BOLTS. FACE OF CURB TO BE FLUSH WITH BACK OF (E) CONCRETE CURB. COORDINATE ANCHOR BOLT SIZE / LOCATIONS WITH MANUFACTURER AND DETAIL 5/E500. CAP CONDUITS 2" ABOVE TOP OF CONCRETE.
- .696 NEW CONCRETE WALKWAY MAY BE REDUCED UP TO 3" IN WIDTH TO AVOID DEMOLITION OF AND ACCOMMODATE (E) PLANTING AND IRRIGATION. USE CAUTION TO SAW-CUT, ALIGN, AND CLEAN UP JOINTS WHERE NEW PAVING MAY NOT BE AS WIDE TO MATCH EXISTING.

**FENCING GATE SCHEDULE**

GATE #	TYPE	SINGLE / PAIR	WIDTH	HEIGHT	HARDWARE	SIGNAGE	REMARKS	GATE #
G01	BVCLL	(1)	3'-0"	4'-0"	22.2			G01
G02	ORN	(1)	3'-0"	6'-0"	21.2			G02
G03	ORN	(1)	3'-0"	6'-0"	21.1		POWER & LV	G03
G04	ORN	(2)	5'-10"	6'-0"	20.1			G04
G05	ORN	(2)	8'-8"	6'-0"	20.2			G05
G06	ORN	(2)	8'-8"	6'-0"	20.3			G06
G07	GALV	(1)	2'-5"	6'-0"	23.1		GALVANIZED CL	G07
G08	ORN	(2)	11'-0"	6'-0"	20.2			G08
G09	BVCLL	(1)	4'-0"	6'-0"	22.3		FIRE ACCESS	G09
G010	BVCLL	(1)	4'-0"	6'-0"	22.3			G010
G011	BVCLL	(2)	19'-8"	6'-0"	22.4		KNOX BOX	G011
G012	GALV	(E)	+5'-8"	6'-0"	(E)		SALVAGE (E)	G012
G013	GALV	(E)	+5'-8"	6'-0"	(E)		SALVAGE (E)	G013
G014	BVCLL	(2)	21'-0"	6'-0"	22.4		KNOX BOX	G014
G15	BVCLL	(1)	3'-0"	6'-0"	22.3			G15
G16	BVCLL	(1)	3'-6"	6'-0"	22.1		PANIC	G16



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ARCHITECT:



CONSULTANT:  
PROJECT NAME:

**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
6254 13TH STREET  
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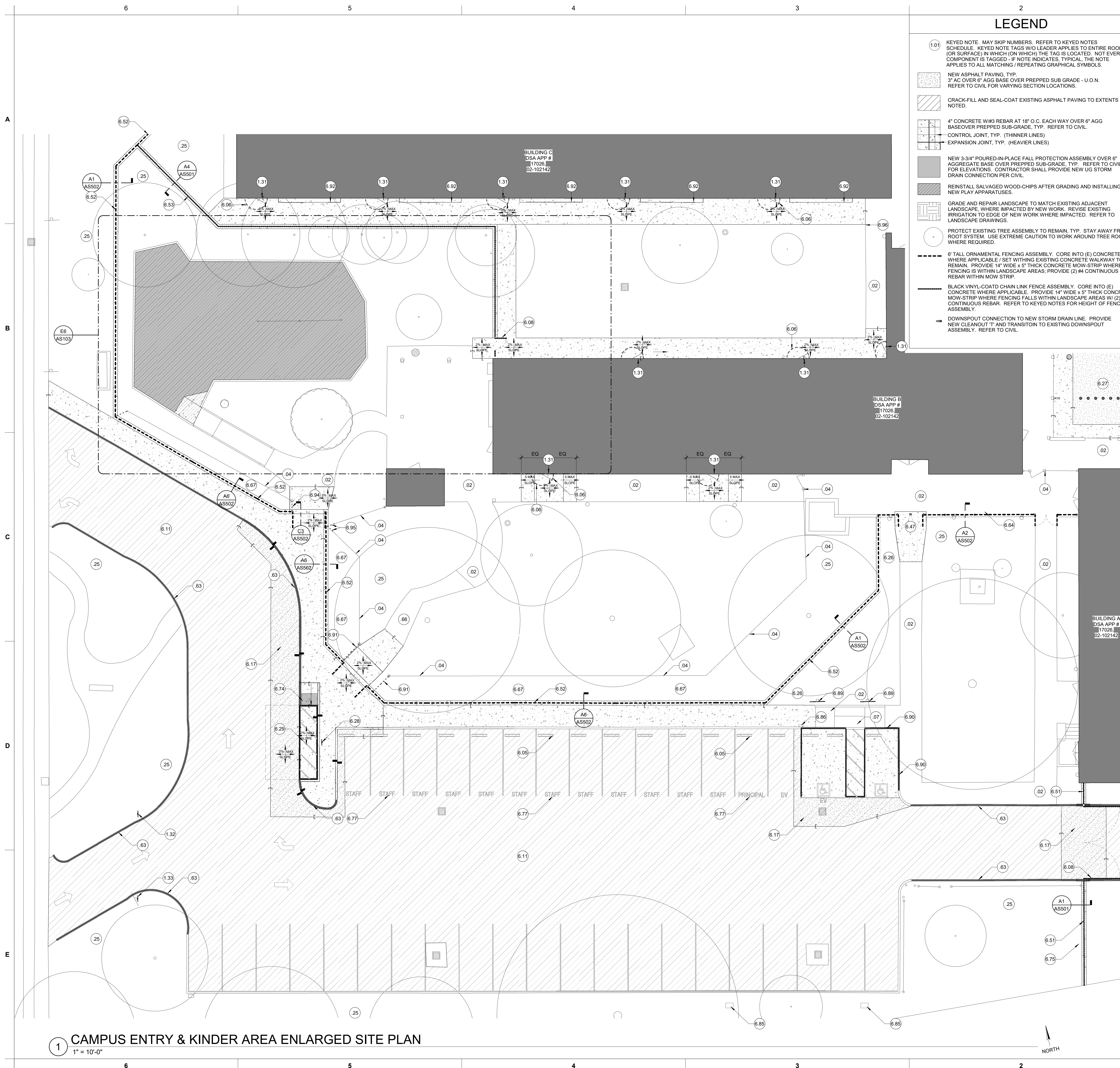
**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:  
SHEET TITLE:  
**OVERALL ARCHITECTURAL SITE PLAN**

JOB NUMBER: SHEET NUMBER:  
DATE: JAN 5, 2024  
REVISION: **AS101**





**LEGEND**

- (1.01) KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS WHO LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED. NOT EVERY COMPONENT IS TAGGED - IF NOTE INDICATES, TYPICAL, THE NOTE APPLIES TO ALL MATCHING / REPEATING GRAPHICAL SYMBOLS.
- NEW ASPHALT PAVING, TYP.  
3" AC COVER 6" AGG BASE OVER PREPARED SUB GRADE - U.O.N.  
REFER TO CIVIL FOR VARYING SECTION LOCATIONS.
- CRACK-FILL AND SEAL-COAT EXISTING ASPHALT PAVING TO EXTENTS NOTED.
- 4" CONCRETE W/ #3 REBAR AT 18" O.C. EACH WAY OVER 6" AGG BASE OVER PREPARED SUB-GRADE, TYP. REFER TO CIVIL.
- CONTROL JOINT, TYP. (THINNER LINES)
- EXPANSION JOINT, TYP. (HEAVIER LINES)
- NEW 3-3/4" POURED-IN-PLACE FALL PROTECTION ASSEMBLY OVER 6" AGG BASE OVER PREPARED SUB-GRADE, TYP. REFER TO CIVIL FOR ELEVATIONS. CONTRACTOR SHALL PROVIDE NEW UG STORM DRAIN CONNECTION PER CIVIL.
- REINSTALL SALVAGED WOOD-CHIPS AFTER GRADING AND INSTALLING NEW PLAY APPARATUSES.
- GRADE AND REPAIR LANDSCAPE TO MATCH EXISTING ADJACENT LANDSCAPE. WHERE IMPACTED BY NEW WORK. REVISE EXISTING IRRIGATION TO EDGE OF NEW WORK WHERE IMPACTED. REFER TO LANDSCAPE DRAWINGS.
- PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND TREE ROOTS WHERE REQUIRED.
- 6" TALL ORNAMENTAL FENCING ASSEMBLY. CORE INTO (E) CONCRETE WHERE APPLICABLE / SET WITH EXISTING CONCRETE WALKWAY TO REMAIN. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW-STRIP WHERE FENCING IS WITHIN LANDSCAPE AREAS; PROVIDE (2) #4 CONTINUOUS REBAR WITHIN MOW STRIP.
- BLACK VINYL-COATED CHAIN LINK FENCE ASSEMBLY. CORE INTO (E) CONCRETE WHERE APPLICABLE. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW-STRIP WHERE FENCING FALLS WITHIN LANDSCAPE AREAS W/ (2) #4 CONTINUOUS REBAR. REFER TO KEYED NOTES FOR HEIGHT OF FENCING ASSEMBLY.
- DOWNSPOUT CONNECTION TO NEW STORM DRAIN LINE. PROVIDE NEW CLEANOUT "T" AND TRANSITIVO TO EXISTING DOWNSPOUT ASSEMBLY. REFER TO CIVIL.

**GENERAL NOTES**

1. PROTECT EDGES OF EXISTING PAVING TO REMAIN. EXISTING ADJACENT CONCRETE PAVING, BUILDINGS AND BUILDING COMPONENTS SHALL REMAIN CLEAN.
2. WHERE PAVING GRADES ARE ADJUSTED SLIGHTLY AGAINST EXISTING BUILDINGS, CONTRACTOR SHALL CLEAN AND PAINT BASE OF BUILDINGS DOWN TO TOP OF NEW PAVING, TYP.
3. ALL REPLACEMENT PAVING IN OPEN COURTYARD AREAS SHALL MAINTAIN 2% MAXIMUM SLOPE IN ANY DIRECTION. REFER TO CIVIL.
4. REFER TO THE OVERALL ARCHITECTURAL SITE PLAN FOR GATE TAGS, AS WELL AS KEYED NOTES, ENLARGED CALLOUTS, AND OTHER INFORMATION OUTSIDE OF THE ENLARGED AREAS.

**KEYED NOTES**

- (E) CONCRETE SOG TO REMAIN, U.O.N.
- (E) FENCING ASSEMBLY TO REMAIN, TYP., U.O.N.
- (E) ADA-COMPLIANT TRUNCATED DOME ASSEMBLY AND CURB CUTS TO REMAIN.
- LANDSCAPE AREA TO REMAIN, U.O.N. REVISE IRRIGATION AROUND NEW WORK WHERE APPLICABLE. REFER TO LANDSCAPE.
- CURB PAINTED RED. PROVIDE 5" TALL WHITE LETTERING AT TOP OF CURB WHICH INDICATES "FIRE LANE - NO PARKING" AT 25' INTERVALS.
- PROTECT (E) BRICK PAVERS TO REMAIN.
- REMOVE AND REPLACE (E) DOOR SWEEP WITH NEW DOOR SWEEP. PROVIDE NEW EXTRUDED ALUMINUM HALF-SADDLE THRESHOLD SET IN CONT. BED OF MASTIC. MATCH WIDTH OF THRESHOLD TO BE FLUSH WITH FACE OF JAMB. COORDINATE HEIGHT OF NEW CONCRETE TO BE 1/2" BELOW TOP OF FINISH FLOOR, TYP. CUT / MODIFY DOOR HEIGHT AS REQUIRED. REFER TO DETAIL A6A101.
- 'ONE-WAY SIGNAGE' MOUNTED ON NEW POST. REFER TO CIVIL.
- 'DO NOT ENTER' SIGNAGE MOUNTED ON (E) POST. REFER TO CIVIL.
- WHEEL STOP, TYP. REFER TO CIVIL.
- PROVIDE 3" WIDE RED DASHED STRIPING OVER NEW PAVING AT ALL DOOR SWINGS TO MATCH EXISTING, TYP.
- GATE ASSEMBLY. STYLE AND CONSTRUCTION AND FINISH TO MATCH ADJACENT FENCING. REFER TO OVERALL SITE PLAN FOR GATE TAGS AND GATE SCHEDULE.
- PROVIDE CRACK-FILL AND SEAL COAT. CLEAN AND FILL MINOR ALL CRACKS IN ASPHALT. MAJOR CRACKS AND DEFECTS (OVER 1-1/2" IN WIDTH) TO BE CUT OUT AND REPAIRED AS SPECIFIED.
- PATCH BACK AC PAVING. REFER TO CIVIL.
- RELOCATE IRRIGATION CONTROL VALVES OUTSIDE OF NEW CONCRETE WALKWAYS AS REQUIRED. PROVIDE NEW VALVES CONNECTED TO EXISTING CONTROL LINES. REFER TO LANDSCAPE DRAWINGS.
- ALL REPLACEMENT HARDCOURT PAVING SHALL BE SLOPED LESS THAN 2% IN ANY DIRECTION, TYP. REFER TO CIVIL.
- PASSENGER LOADING SIGNAGE INDICATING "PASSENGER LOADING ZONE" MOUNTED ON NEW POST. REFER TO DETAIL D1A5503.
- PROVIDE NEW PASSENGER LOADING ZONE. REFER TO CIVIL.
- REFER TO DETAIL E4A5502 FOR CAMPUS ACCESS CONTROL ENTRY GATE. REFER TO KMM SECURITY PLANS.
- 6" TALL BLACK VINYL-COATED CHAIN LINK FENCE ASSEMBLY, TYP. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW STRIP BELOW W/ (2) #4 CONT. REBAR (WHERE WITHIN OR ADJACENT TO LANDSCAPE AREA). CORE FENCE POSTS INTO (E) SLAB (WHERE FENCING ALIGNS ABOVE (E) CONCRETE TO REMAIN OR NEW ASPHALT). REFER TO SECTION DETAILS.
- 6" TALL ORNAMENTAL FENCE ASSEMBLY, TYP. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW STRIP BELOW W/ (2) #4 CONT. REBAR. REFER TO SECTION DETAILS.
- 4" TALL BLACK VINYL COATED CHAIN LINK FENCE ASSEMBLY, TYP. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW STRIP BELOW W/ (2) #4 CONT. REBAR. REFER TO SECTION DETAILS.
- 6" ORNAMENTAL FENCE ASSEMBLY, TYP. CORE FENCE POSTS INTO (E) SLAB (WHERE FENCING ALIGNS ABOVE (E) CONCRETE TO REMAIN). REFER TO SECTION DETAILS.
- PLANTING / VEGETATION TO REMAIN TO THE EXTENT POSSIBLE. CONTRACTOR SHALL WORK AROUND AND MINIMIZE DEMOLITION OR DAMAGE OF EXISTING PLANTING / VEGETATION IN FRONT OF THE EXISTING FENCING AND BEHIND THE NEW FENCING ASSEMBLY, TYP.
- CAST-IN-PLACE TRUNCATED DOME ASSEMBLY FULL WIDTH OF WALKWAY (WITHIN 2" OF EDGES), 3" LONG IN DIRECTION OF PEDESTRIAN TRAVEL.
- FILL AND COMPACT ALL HOLES FROM DEMOLISHED FENCING FOOTINGS, TYP. GRADE LEVEL WITH TOP SOIL AND PATCH-BACK LANDSCAPE TO MATCH (E) ADJACENT LANDSCAPE, TYP.
- 12" HIGH PAINTED STRIPED LETTERING, TYP. PROVIDE SUBMITTAL FOR REVIEW TO CONFIRM VERBIAGE AND COLOR WITH SITE PRIOR TO PERFORMING WORK.
- PROVIDE 14" WIDE x 8" THICK x 28" DEEP CONCRETE EV CHARGER PEDESTAL CURB WITH CONDUITS AND ANCHOR BOLTS. FACE OF CURBS TO BE SET 30" BEHIND BACK OF (E) PAVING, OR 30" BEHIND BACK OF (E) CONCRETE CURB. COORDINATE ANCHOR BOLT SIZE / LOCATIONS WITH MANUFACTURER AND DETAIL S1E500. CAP CONDUITS 2" ABOVE TOP OF CONCRETE.
- REPLACE ADA PARKING SIGNAGE WITH NEW SIGNAGE. (E) SIGN POST TO REMAIN. REFER TO DETAIL C1A5503.
- PAINT (E) CURB AT SIDE AND FRONT END OF ADA STALLS FEDERAL BLUE, TYP.
- INSTALL (E) SALVAGED GATE ASSEMBLY ON EXISTING GATE POSTS. SWITCH GATE LEAVES TO OPPOSITE SIDES SO THAT THE FACE-MOUNTED WOOD APPLICATION IS AT THE EXTERIOR FACE OF THE NEWLY INSTALLED GATES. PROVIDE NEW GALVANIZED GATE POST AT STRIKE SIDE OF GATE TO MAINTAIN 4" MAX GAP. PROVIDE NEW HARDWARE AS REQUIRED. VERIFY GATE SIZE TO ENSURE LOCATION OF NEW FENCING WILL WORK WITH (E) GATE SIZES.
- REINSTALL SALVAGED AND REFINISHED SITE FURNISHING, TYP.
- NEW GALVANIZED GATE ASSEMBLY TO PROVIDE ACCESS INTO SPACE BETWEEN FENCES. PROVIDE BLACK CLOSURE / LOCKING HARDWARE AT LATCH SIDE CONNECTING TO NEW GATE POST OR NEW GALVANIZED GATE POST WITHIN 4" OF NEW ORNAMENTAL FENCING ASSEMBLY.
- INTENT IS FOR (E) FENCING AND OUTSIDE FENCE POST TO REMAIN. CAREFULLY DEMO TOP 3" OF (E) FOOTING FOR NEW MOW-STRIP TO BE INSTALLED. IF FENCE POST HAD TO BE DEMOLISHED TO PERFORM WORK, PROVIDE NEW GALVANIZED CORNER POST ADJACENT TO AND WITHIN 4" OF NEW FENCING AND REINSTALL SALVAGED FENCE FABRIC AFTER NEW ADJACENT PAVING AND FENCING WORK IS COMPLETE.
- NEW CONCRETE WALKWAY MAY BE REDUCED UP TO 3" IN WIDTH TO AVOID DEMOLITION OF AND ACCOMMODATE (E) PLANTING AND IRRIGATION. USE CAUTION TO SAW-CUT, ALIGN, AND CLEAN UP JOINTS WHERE NEW PAVING MAY NOT BE AS WIDE TO MATCH EXISTING.



PROJECT NAME:  
**ALICE BIRNEY PUBLIC  
 WALDORF TK-8  
 SCHOOL**  
 6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
 SCHOOL DISTRICT  
 5735 47TH AVENUE  
 SACRAMENTO, CA 95824  
 SACRAMENTO COUNTY

KEY PLAN:

↑

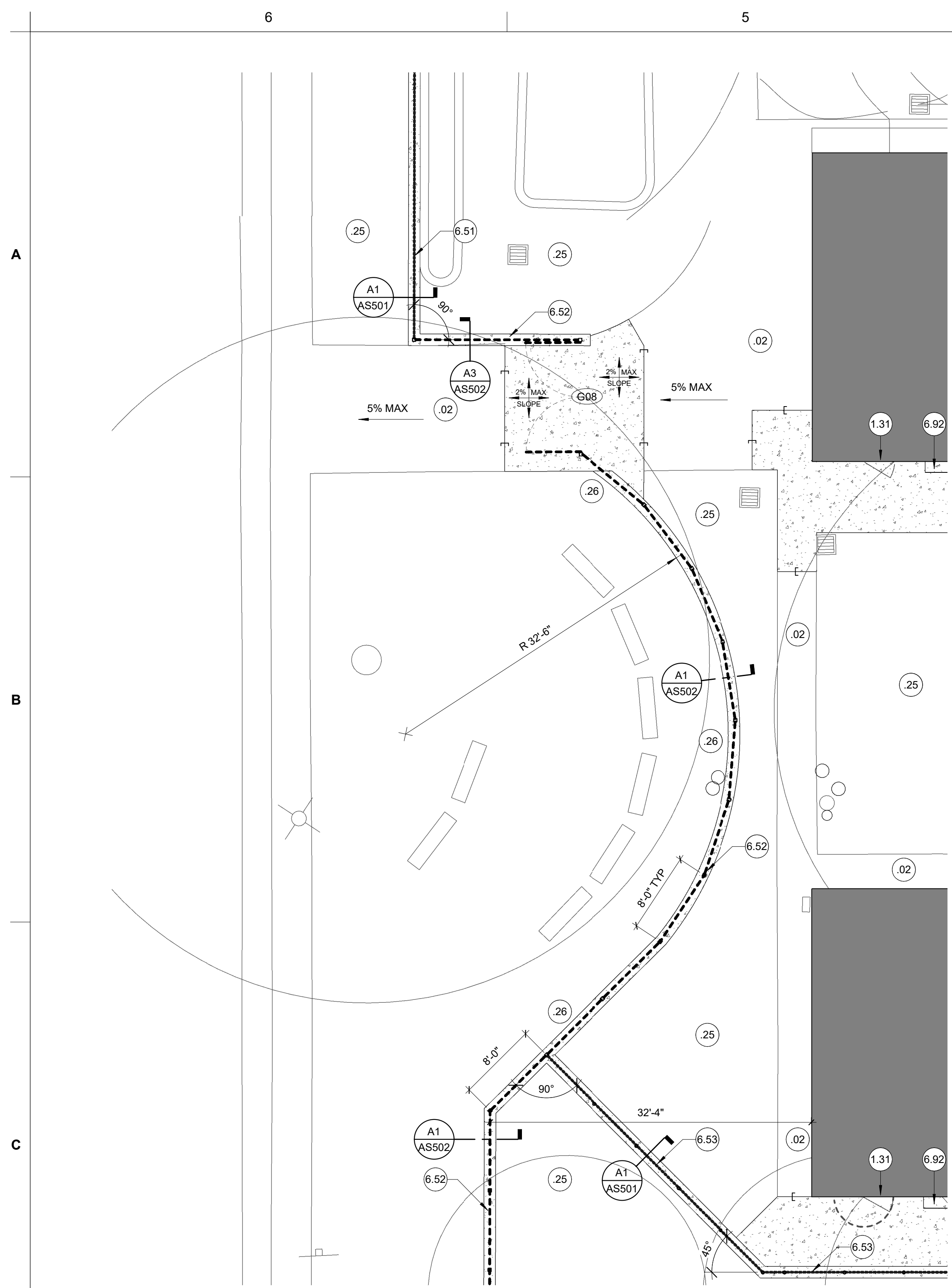
SHEET TITLE:  
**ENLARGED CAMPUS  
 ENTRY AND KINDER  
 AREA ARCH'L SITE  
 PLAN**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>AS102</b>
REVISION:	

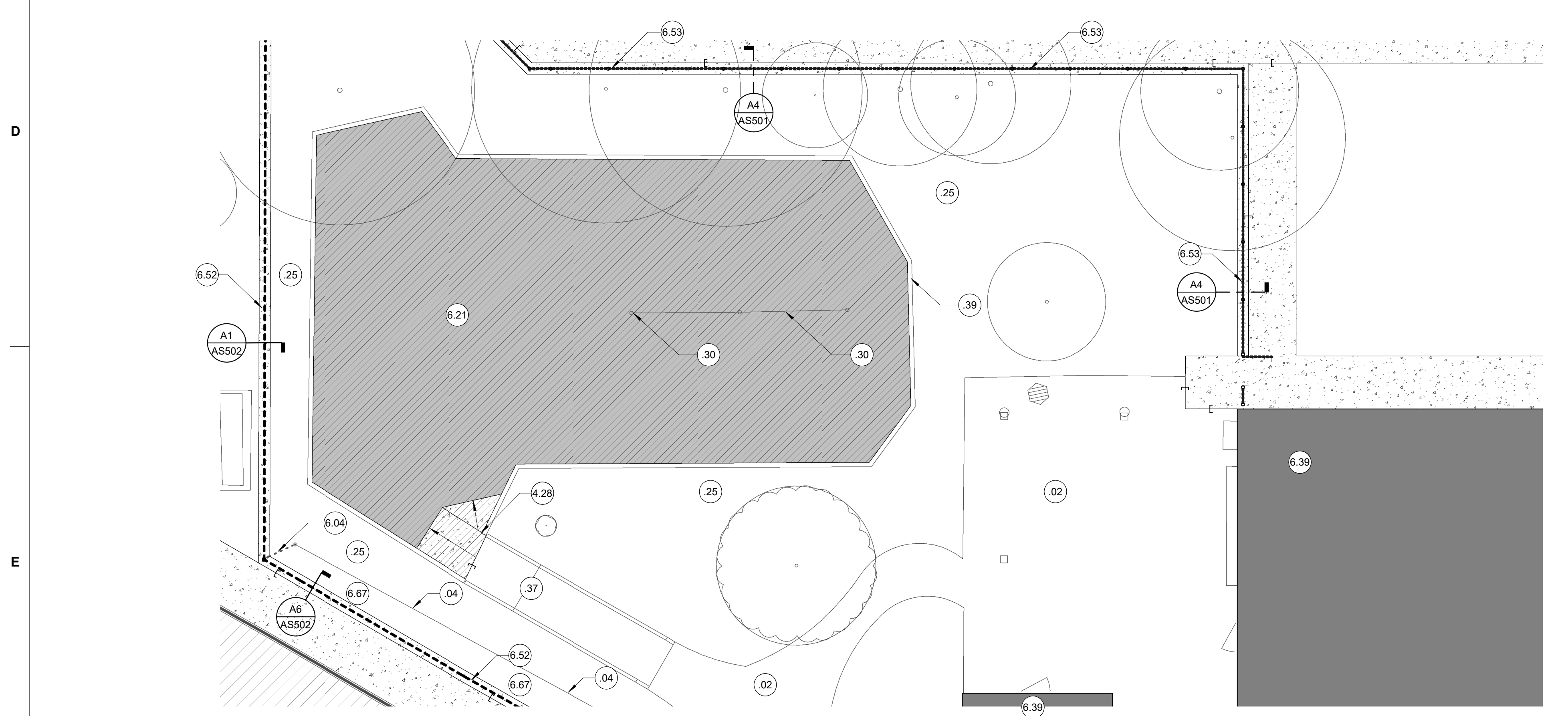
**1** CAMPUS ENTRY & KINDER AREA ENLARGED SITE PLAN  
 1" = 10'-0"

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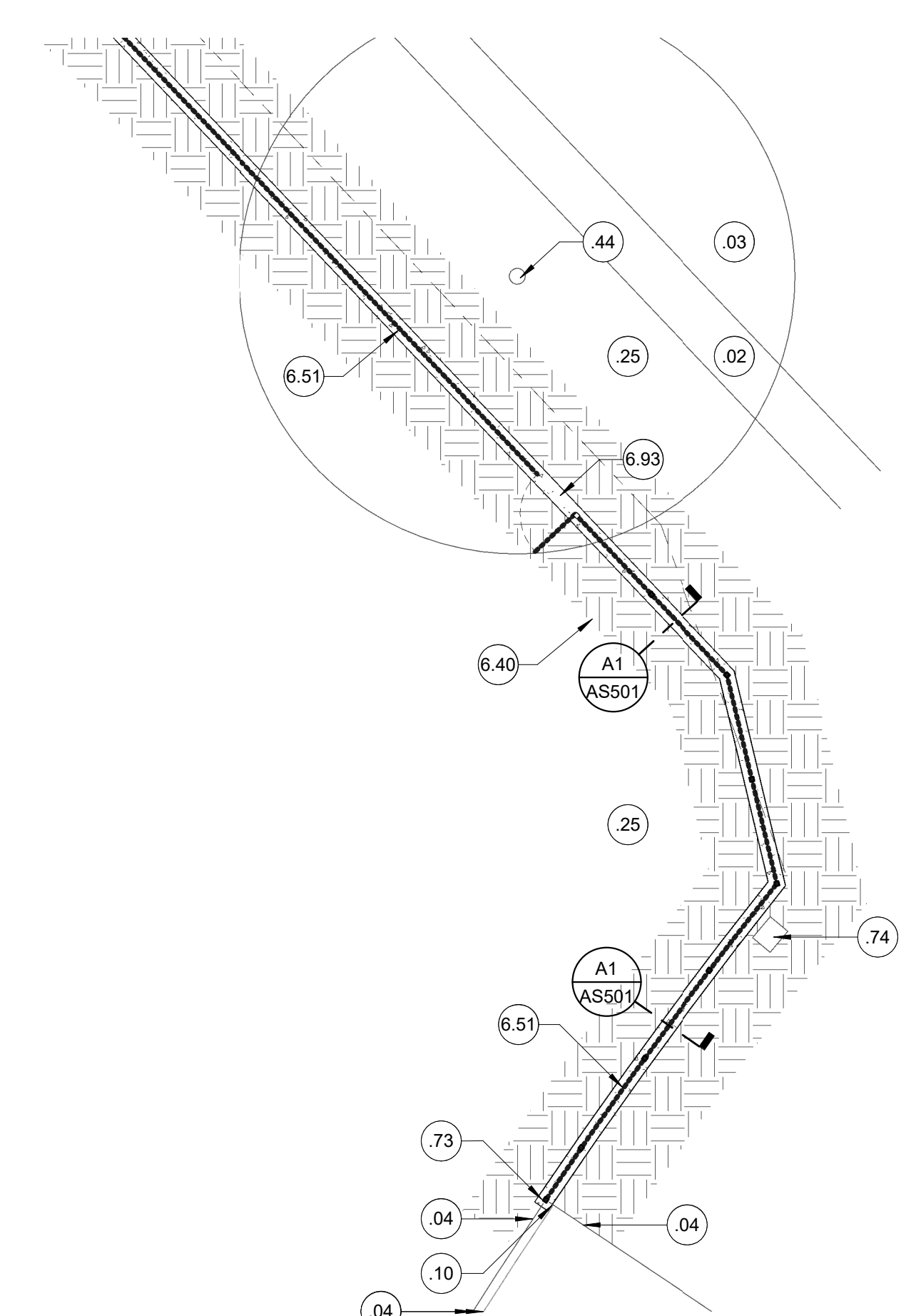




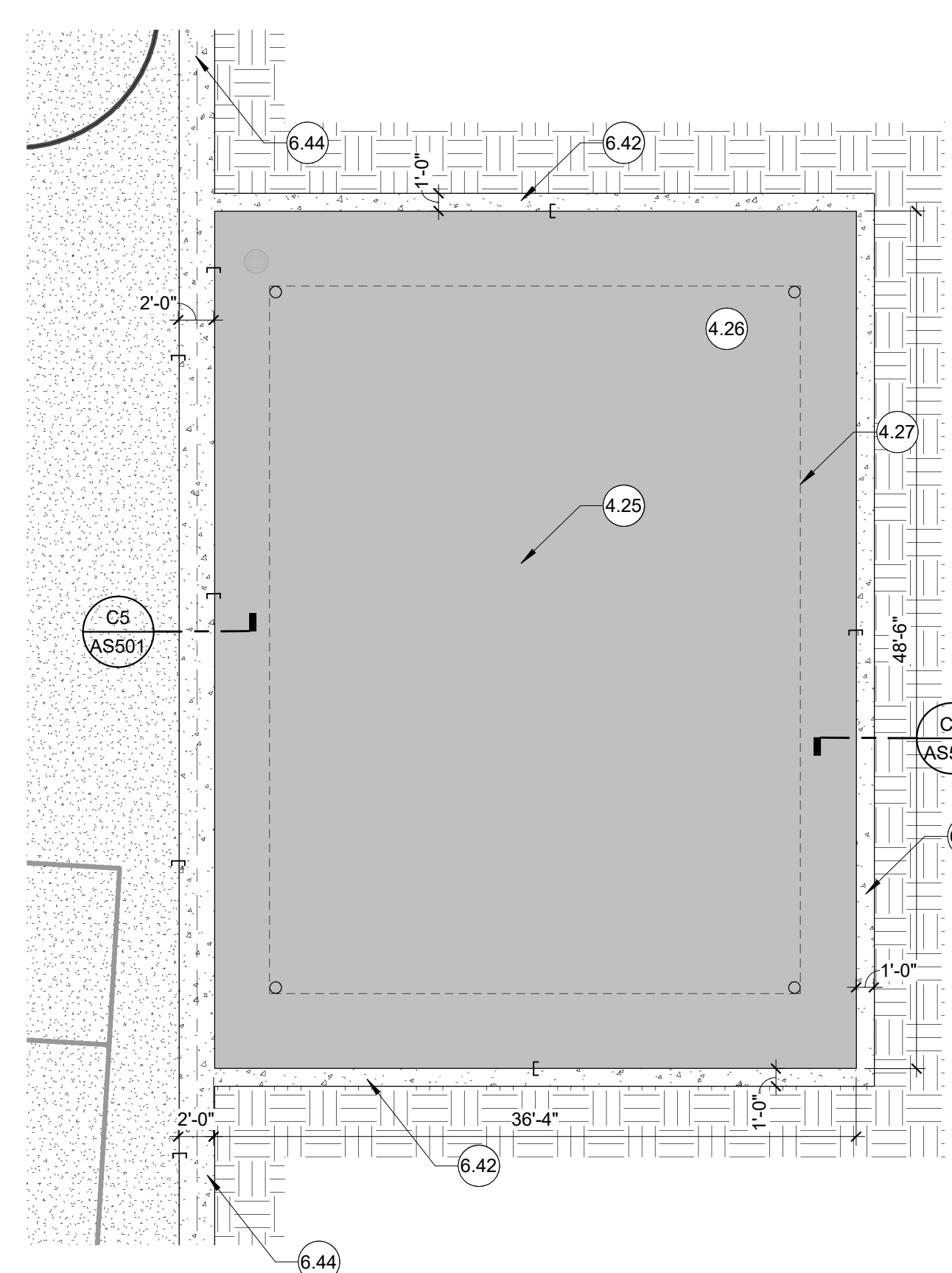
**D6 WEST / ENTRY AT 13TH STREET ENLARGED PLAN**  
1/8" = 1'-0"



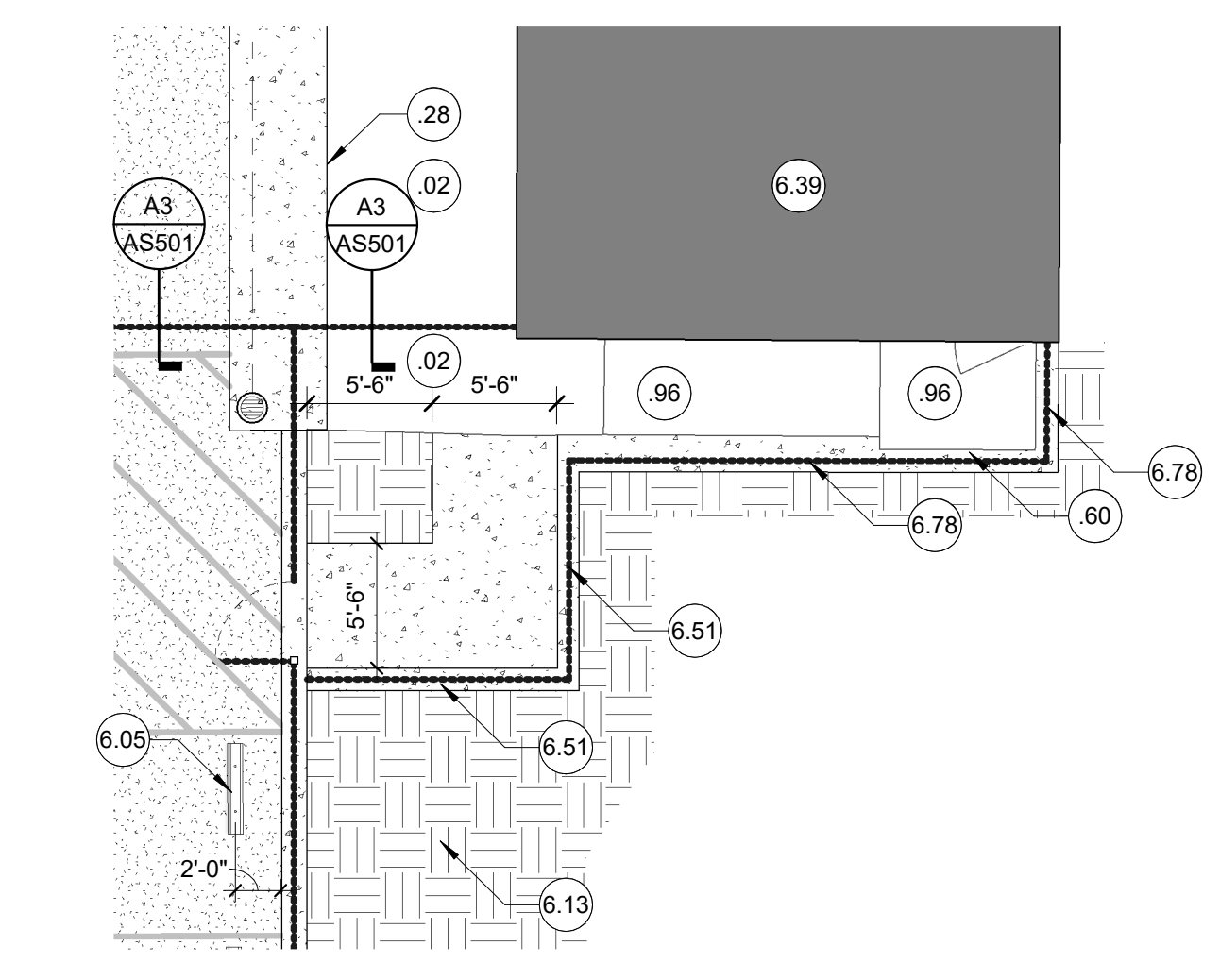
**E6 KINDER PLAY AREA ENLARGED PLAN**  
1/8" = 1'-0"



**B3 NORTHEAST FENCE ENLARGED PLAN**  
1" = 10'-0"



**D3 MAIN PLAY AREA ENLARGED PLAN**  
1/8" = 1'-0"



**E3 ENLARGED PLAN @ 4TH R**  
1/8" = 1'-0"

**GENERAL NOTES**

- PROTECT EDGES OF EXISTING PAVING TO REMAIN. EXISTING ADJACENT CONCRETE PAVING, BUILDINGS AND BUILDING COMPONENTS SHALL REMAIN CLEAN.
- WHERE PAVING GRADES ARE ADJUSTED SLIGHTLY AGAINST EXISTING BUILDINGS, CONTRACTOR SHALL CLEAN AND PAINT BASE OF BUILDINGS DOWN TO TOP OF NEW PAVING, TYP.
- ALL REPLACEMENT PAVING IN OPEN COURTYARD AREAS SHALL MAINTAIN 2% MAXIMUM SLOPE IN ANY DIRECTION. REFER TO CIVIL.
- REFER TO THE OVERALL ARCHITECTURAL SITE PLAN FOR GATE TAGS, AS WELL AS KEYED NOTES, ENLARGED CALLOUTS, AND OTHER INFORMATION OUTSIDE OF THE ENLARGED AREAS.

**LEGEND**

- KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM OR SURFACE) WHICH (ON WHICH) THE TAG IS LOCATED. NOT EVERY COMPONENT IS TAGGED - IF NOTE INDICATES, TYPICAL, THE NOTE APPLIES TO ALL MATCHING / REPEATING GRAPHICAL SYMBOLS.
- NEW ASPHALT PAVING, TYP.  
3" AC OVER 6" AGG BASE OVER PREPARED SUB-GRADE - U.O.N. REFER TO CIVIL FOR VARYING SECTION LOCATIONS.
- CRACK-FILL AND SEAL-COAT EXISTING ASPHALT PAVING TO EXTENTS NOTED.
- 4" CONCRETE W/3 REBAR AT 18" O.C. EACH WAY OVER 6" AGG BASEOVER PREPARED SUB-GRADE, TYP. REFER TO CIVIL.
- CONTROL JOINT, TYP. (THINNER LINES)  
EXPANSION JOINT, TYP. (HEAVIER LINES)
- NEW 3-3/4" POURED-IN-PLACE FALL PROTECTION ASSEMBLY OVER 6" AGG BASE OVER PREPARED SUB-GRADE, TYP. REFER TO CIVIL FOR ELEVATIONS. CONTRACTOR SHALL PROVIDE NEW UG STORM DRAIN CONNECTION PER CIVIL.
- REINSTALL SALVAGED WOOD-CHIPS AFTER GRADING AND INSTALLING NEW PLAY APPARATUS.
- GRADE AND REPAIR LANDSCAPE TO MATCH EXISTING ADJACENT LANDSCAPE, WHERE IMPACTED BY NEW WORK. REVISE EXISTING IRRIGATION TO EDGE OF NEW WORK WHERE IMPACTED. REFER TO LANDSCAPE DRAWINGS.
- PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND TREE ROOTS WHERE REQUIRED.
- 6" TALL ORNAMENTAL FENCING ASSEMBLY. CORE INTO (E) CONCRETE WHERE APPLICABLE / SET WITHIN EXISTING CONCRETE WALKWAY TO REMAIN. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW-STRIP WHERE FENCING IS WITHIN LANDSCAPE AREAS; PROVIDE (2) #4 CONTINUOUS REBAR WITHIN MOW STRIP.
- BLACK VINYL-COATED CHAIN LINK FENCE ASSEMBLY. CORE INTO (E) CONCRETE WHERE APPLICABLE. PROVIDE 14" WIDE x 5" THICK CONCRETE MOW-STRIP WHERE FENCING FALLS WITHIN LANDSCAPE AREAS W/ (2) #4 CONTINUOUS REBAR. REFER TO KEYED NOTES FOR HEIGHT OF FENCING ASSEMBLY.
- DOWNSPOUT CONNECTION TO NEW STORM DRAIN LINE. PROVIDE NEW CLEANOUT "T" AND TRANSITON TO EXISTING DOWNSPOUT ASSEMBLY. REFER TO CIVIL.

**KEYED NOTES**

- 1.00 (E) CONCRETE SOG TO REMAIN, U.O.N.
- 02 (E) AC PAVING TO REMAIN, U.O.N.
- 04 (E) FENCING ASSEMBLY TO REMAIN, TYP., U.O.N.
- 10 PROTECT (E) FENCE / GATE POST TO REMAIN, TYP. CAREFULLY REMOVE 3" MINIMUM FROM TOP OF PORTION OF (E) CONCRETE FENCE POST FOOTING FOR NEW CURB WORK WHERE APPLICABLE.
- 25 LANDSCAPE AREA TO REMAIN, U.O.N. REVISE IRRIGATION AROUND NEW WORK WHERE APPLICABLE. REFER TO LANDSCAPE.
- 26 PROTECT (E) DG PATH ASSEMBLY TO REMAIN, TYP. REGRADE AND PROVIDE NEW INFILL DG RECOMPACT AS REQUIRED AT NEW FENCING / GATE, TYP.
- 28 REMOVE (E) GRASS. GRADE FOR NEW WORK. DEMO / ADJUST EXISTING IRRIGATION AROUND NEW WORK. REROUTE AND ADJUST (E) IRRIGATION HEADS TO AVOID OVERSPRAY ONTO PLAY AREA. PROVIDE NEW HEADS AT PERIMETER OF NEW WORK FOR REQUIRED GRASS IRRIGATION COVERAGE. PATCH BACK SOD WHERE EXISTING GRASS DAMAGED BY NEW WORK.
- 30 PROTECT (E) SWING APPARATUS ASSEMBLY TO REMAIN.
- 37 (E) CONCRETE CURBS, RAMP, AND LANDING TO REMAIN.
- 39 PROTECT (E) WOOD RETAINING HEADER BOARD ASSEMBLY AROUND KINDER PLAY AREA, TYP.
- 44 PROTECT (E) TREES AND ROOT SYSTEM TO REMAIN, TYP. PROTECT AND CAREFULLY REMOVE SOIL FROM AROUND TREE ROOTS TO REMAIN WHERE REQUIRED FOR NEW WORK.
- 60 DEMOLISH (E) TREE AND COMPLETE ROOT ASSEMBLY. STUMP-GRIND ROOTS TO 12" BELOW TOP OF SUB-GRADE, MIN. TYP.
- 73 CORNER POST TO BE ALIGNED WITH NEIGHBOR'S FENCE POST OR LOCATED SLIGHTLY INWARD (AWAY FROM STREET) TO MISS (E) FOOTING.
- 74 (E) ELECTRICAL PEDESTAL TO REMAIN.
- 96
- 1.31 REMOVE AND REPLACE (E) DOOR SWEEP WITH NEW DOOR SWEEP. PROVIDE NEW EXTRUDED ALUMINUM HALF-SADDLE THRESHOLD SET IN CONT. BED OF MASTIC. MATCH WIDTH OF THRESHOLD TO BE FLUSH WITH FACE OF JAMB. COORDINATE HEIGHT OF NEW CONCRETE TO BE 1/2" BELOW TOP OF FINISH FLOOR, TYP. CUT / MODIFY DOOR HEIGHT AS REQUIRED. REFER TO DETAIL A6/A101.
- 4.25 NEW PLAY STRUCTURE ASSEMBLY AND ASSOCIATED COMPONENTS. CONTRACTOR TO VERIFY FALL ZONES AND PLAY EQUIPMENT LAYOUT WITH VENDOR PRIOR TO GRADING OR FORMING PERIMETER CURB AT PLAY AREA.
- 4.26 POURED-IN-PLACE FALL-PROTECTION ASSEMBLY. REFER TO DETAILS.
- 4.27 NEW PRE-CHECKED SHADE STRUCTURE ABOVE PLAY STRUCTURE ASSEMBLY. REFER TO PC PLANS.
- 4.28 NEW CONCRETE ADA CURB RAMP INTO KINDER PLAY AREA. REFER TO CIVIL.
- 6.04 REINSTALL SALVAGED SECTION OF CHAIN LINK FENCE ASSEMBLY AND FABRIC TO NEW ORNAMENTAL CORNER POST. PROVIDE BLACK HARDWARE TO CONNECT TO THE ORNAMENTAL FENCING.
- 6.05 4" WHEEL STOP, TYP. REFER TO CIVIL.
- 6.13 PROVIDE IRRIGATION AND NEW PATCH-BACK SOD WHERE (E) PAVEMENT REMOVED AS PART OF THIS JOB. EXTEND EXISTING IRRIGATION ZONE. REFER TO LANDSCAPE.
- 6.21 NEW PLAY STRUCTURE ASSEMBLY AND ASSOCIATED COMPONENTS WHERE INDICATED. REMOVE / SALVAGE (E) WOOD-CHIP FALL-PROTECTION AS NECESSARY TO PERFORM WORK NOTED. WOOD CHIPS TO BE REINSTALLED AFTER NEW EQUIPMENT IS INSTALLED.
- 6.39 (E) BUILDING TO REMAIN, U.O.N., TYP. REFER TO OVERALL BUILDING PLANS.
- 6.40 (E) PLANTER / GRASS AREA. PROVIDE MINOR GRADING, TOP SOIL / AMENDMENT, AND PATCH-BACK SOD APPROXIMATELY 2' - 4' WIDE ALONG EDGE OF ALL NEW WORK WHERE (E) GRASS IS DISTURBED.
- 6.42 12" WIDE x 6" THICK CONCRETE CURB W/ (2) CONT. #4 REBAR, TYP. TOP OF CURB TO BE FLUSH WITH TOP OF AC PAVING AND P.I.P. SURFACING.
- 6.44 24" WIDE x 5" THICK CONCRETE VALLEY GUTTER W/ (3) CONT. #4's. REFER TO CIVIL.
- 6.51 6" TALL BLACK VINYL-COATED CHAIN-LINK FENCE ASSEMBLY, TYP. PROVIDE 14" WIDE x 5" THICK CONT. CONCRETE MOW STRIP BELOW W/ (2) #4 CONT. REBAR (WHERE WITHIN OR ADJACENT TO LANDSCAPE AREA) CORE FENCE POSTS INTO (E) SLAB (WHERE FENCING ALIGNS ABOVE (E) CONCRETE TO REMAIN OR NEW ASPHALT), REFER TO SECTION DETAILS.
- 6.52 6" TALL ORNAMENTAL FENCE ASSEMBLY, TYP. PROVIDE 14" WIDE x 5" THICK CONT. CONCRETE MOW STRIP BELOW W/ (2) #4 CONT. REBAR. REFER TO SECTION DETAILS.
- 6.53 4" TALL BLACK VINYL COATED CHAIN LINK FENCE ASSEMBLY, TYP. PROVIDE 14" WIDE x 5" THICK CONT. CONCRETE MOW STRIP BELOW W/ (2) #4 CONT. REBAR. REFER TO SECTION DETAILS.
- 6.67 PLANTING / VEGETATION TO REMAIN TO THE EXTENT POSSIBLE. CONTRACTOR SHALL WORK AROUND AND MINIMIZE DEMOLITION OR DAMAGE OF EXISTING PLANTING / VEGETATION IN FRONT OF THE EXISTING FENCING AND BEHIND THE NEW FENCING ASSEMBLY, TYP.
- 6.78 8" TALL BLACK VINYL-COATED CHAIN LINK FENCE ASSEMBLY ADJACENT TO (E) MODULAR BUILDING AND (E) PREFABRICATED RAMP ASSEMBLY TO REMAIN.
- 6.92 REINSTALL SALVAGED AND REFINISHED SITE FURNISHING, TYP.
- 6.93 FENCE AND GATE LOCATION MAY BE ADJUSTED SLIGHTLY FROM WHERE IT WAS ORIGINALLY TO WHERE SEGMENTS ARE REGULAR AND GATE ALIGNS GENERALLY WITH THE ORIGINAL LOCATION AND WITH THE REGULAR FENCE POST LAYOUT.



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PROJECT NAME:

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6254 13TH STREET  
SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

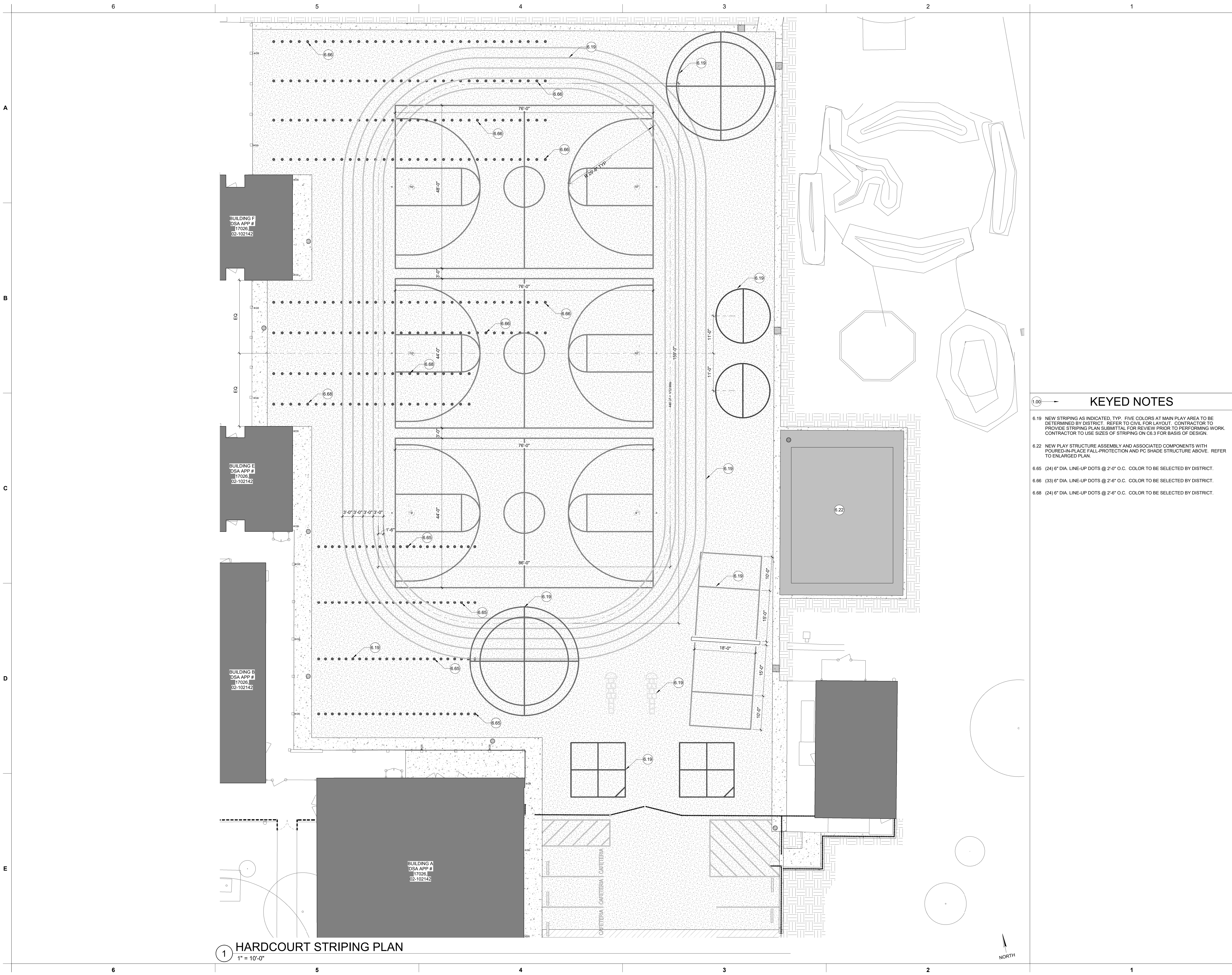
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:  
**ENLARGED AREA ARCHITECTURAL SITE PLANS**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>AS103</b>
REVISION:	





C:\Users\stump\Documents\A02\_AliceBirney SITE-CENTRAL\_BACKUP\_pump-2100.dwg

**1** **HARDCOURT STRIPING PLAN**  
1" = 10'-0"



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**CAMPUS RENEWAL**

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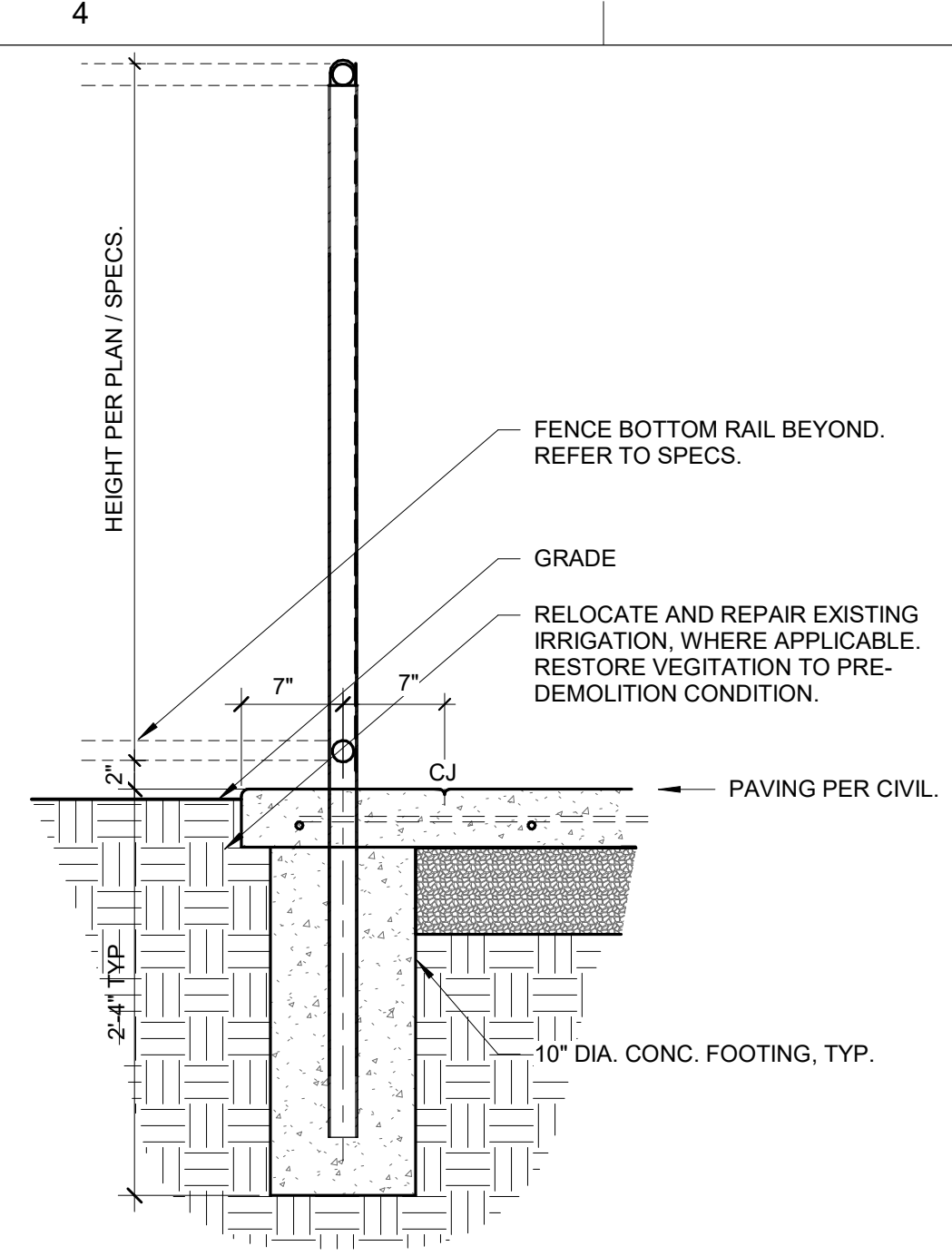
KEY PLAN:

SHEET TITLE:  
**MAIN PLAY AREA STRIPING PLAN**

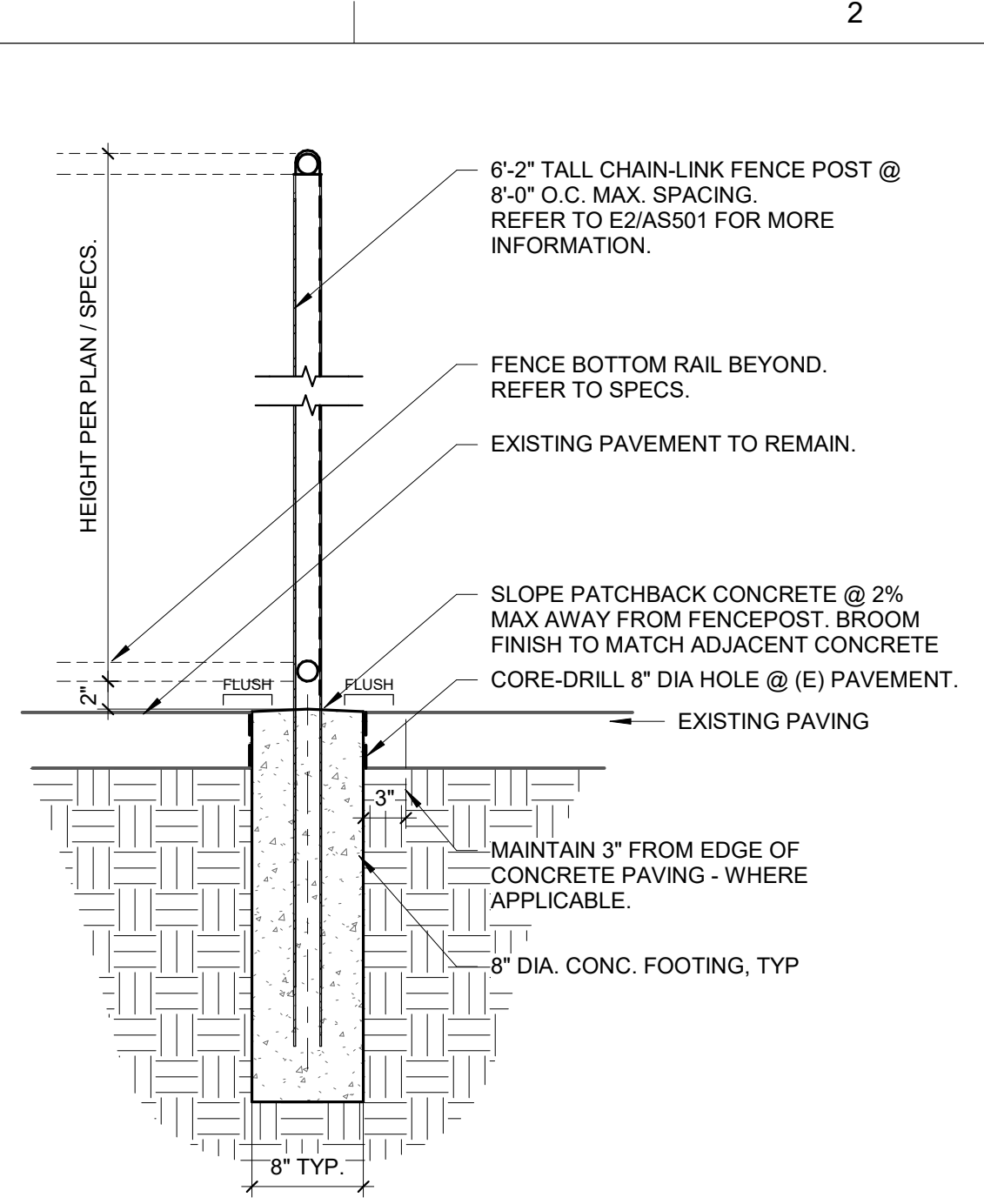
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>AS104</b>
REVISION:	

- KEYED NOTES**
- 6.19 NEW STRIPING AS INDICATED. TYP. FIVE COLORS AT MAIN PLAY AREA TO BE DETERMINED BY DISTRICT. REFER TO CIVIL FOR LAYOUT. CONTRACTOR TO PROVIDE STRIPING PLAN SUBMITTAL FOR REVIEW PRIOR TO PERFORMING WORK. CONTRACTOR TO USE SIZES OF STRIPING ON C6.3 FOR BASIS OF DESIGN.
  - 6.22 NEW PLAY STRUCTURE ASSEMBLY AND ASSOCIATED COMPONENTS WITH POURED-IN-PLACE FALL-PROTECTION AND PC SHADE STRUCTURE ABOVE. REFER TO ENLARGED PLAN.
  - 6.65 (24) 6" DIA. LINE-UP DOTS @ 2'-0" O.C. COLOR TO BE SELECTED BY DISTRICT.
  - 6.66 (33) 6" DIA. LINE-UP DOTS @ 2'-6" O.C. COLOR TO BE SELECTED BY DISTRICT.
  - 6.68 (24) 6" DIA. LINE-UP DOTS @ 2'-6" O.C. COLOR TO BE SELECTED BY DISTRICT.

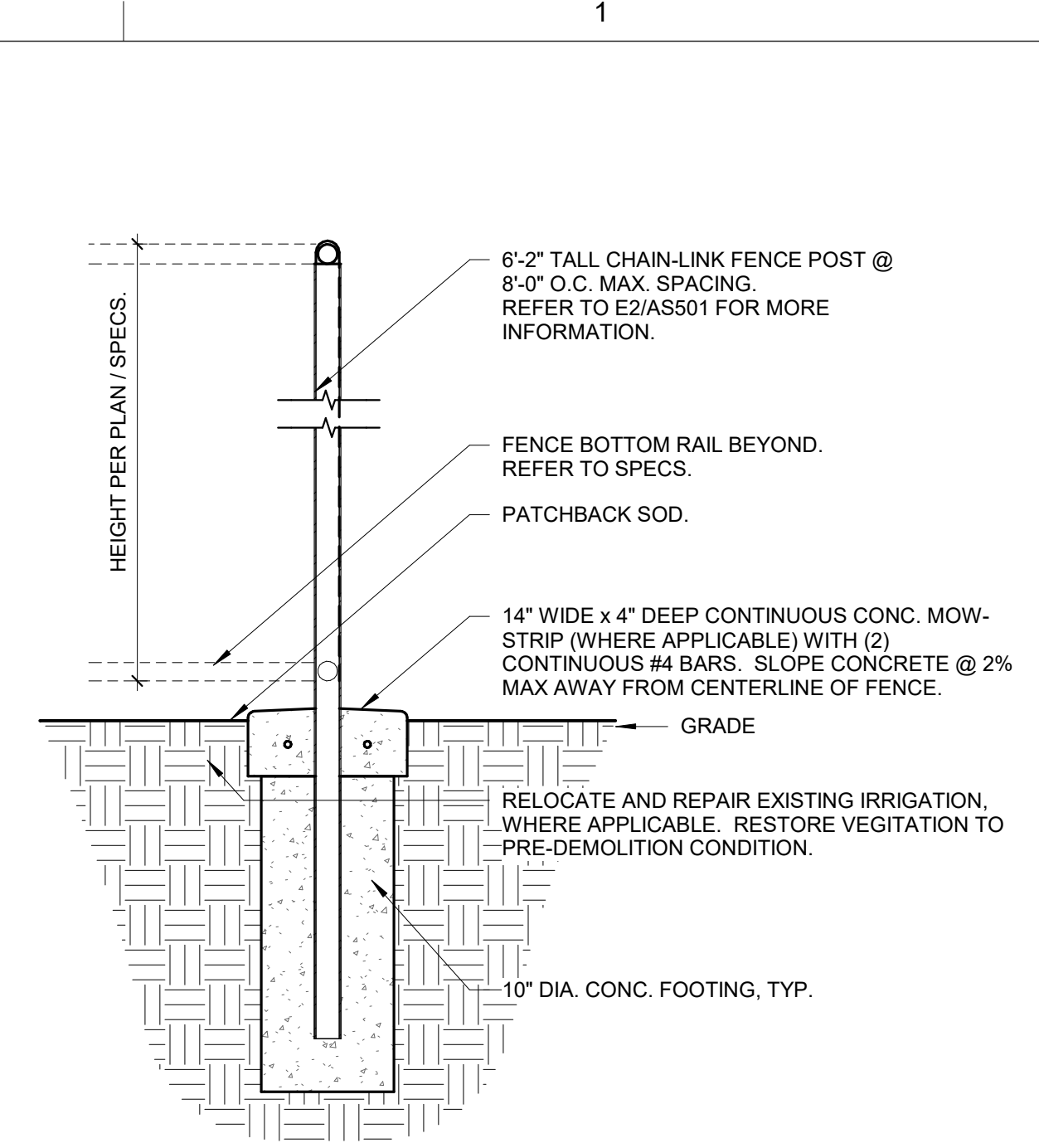




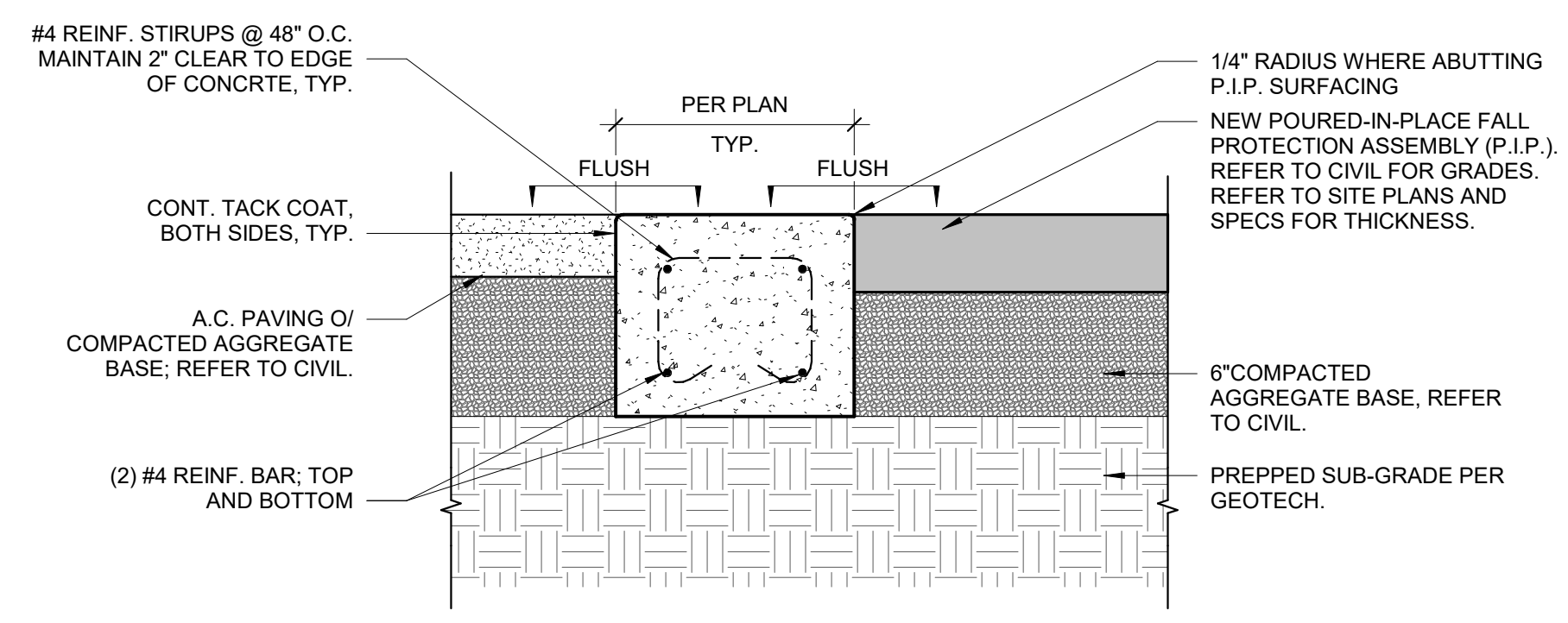
**A4 @ NEW CONC. & LANDSCAPE**  
1" = 1'-0"



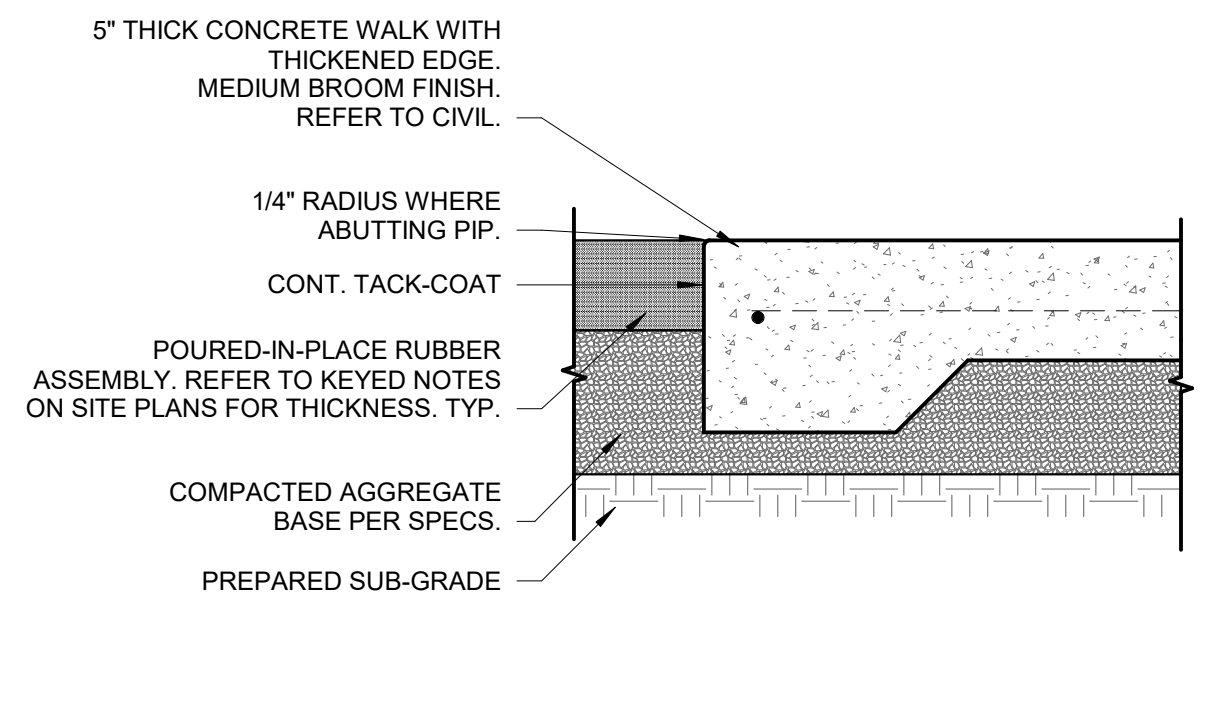
**A3 C-L FENCE POST CORED IN (E)**  
1" = 1'-0"



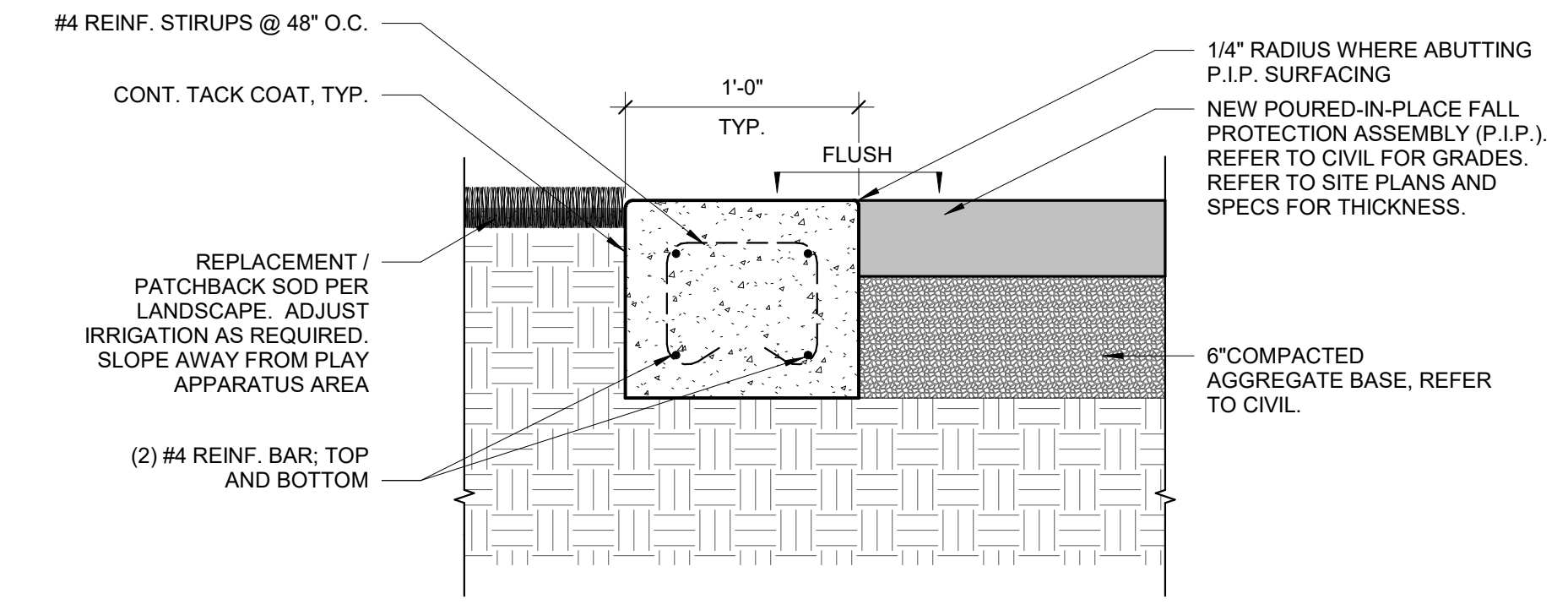
**A1 C-L FENCE POST @ LANDSCAPE**  
1" = 1'-0"



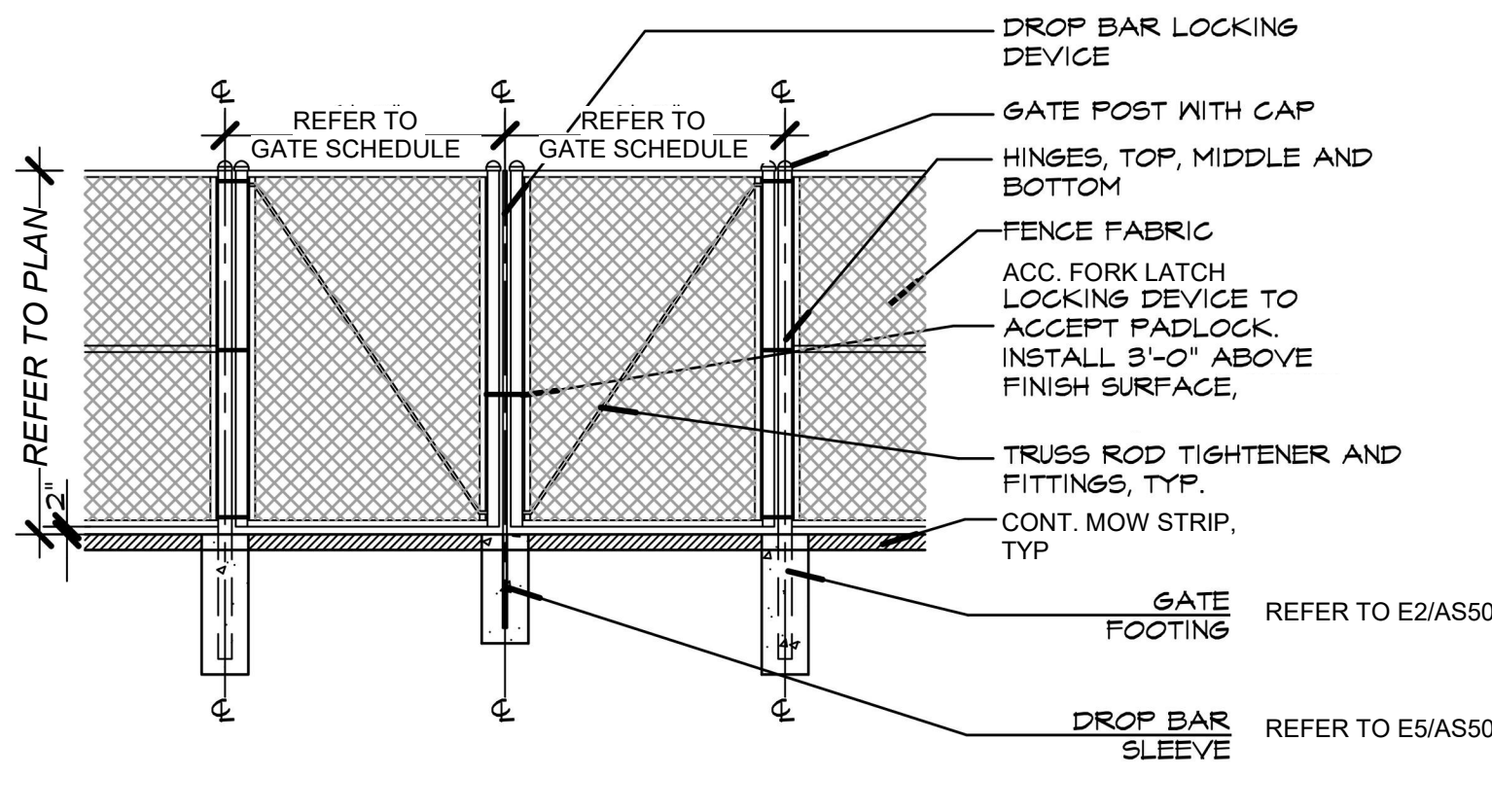
**C5 CURB @ MAIN PLAY AREA TO AC**  
1 1/2" = 1'-0"



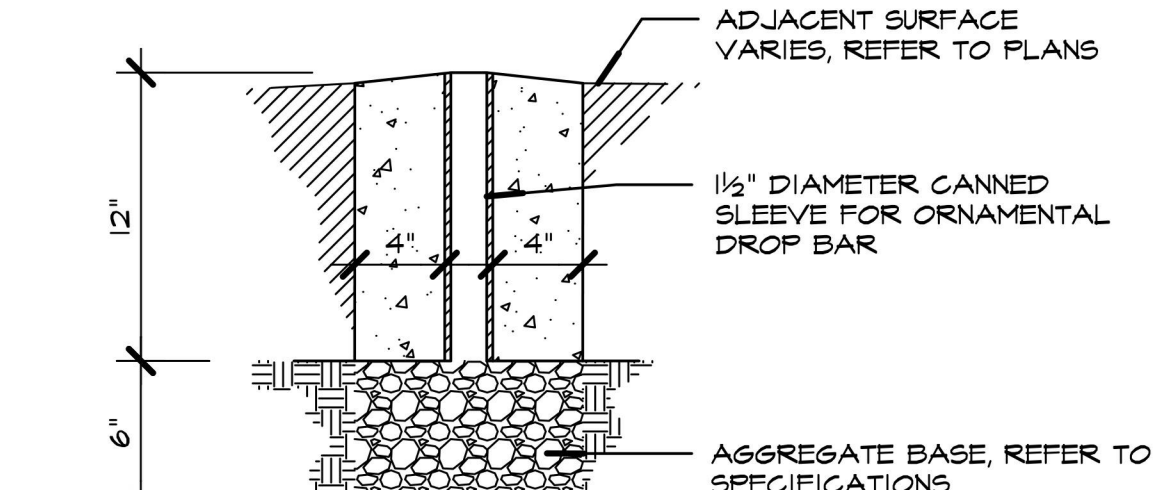
**C3 PLAY AREA @ ADJACENT CONCRETE**  
1 1/2" = 1'-0"



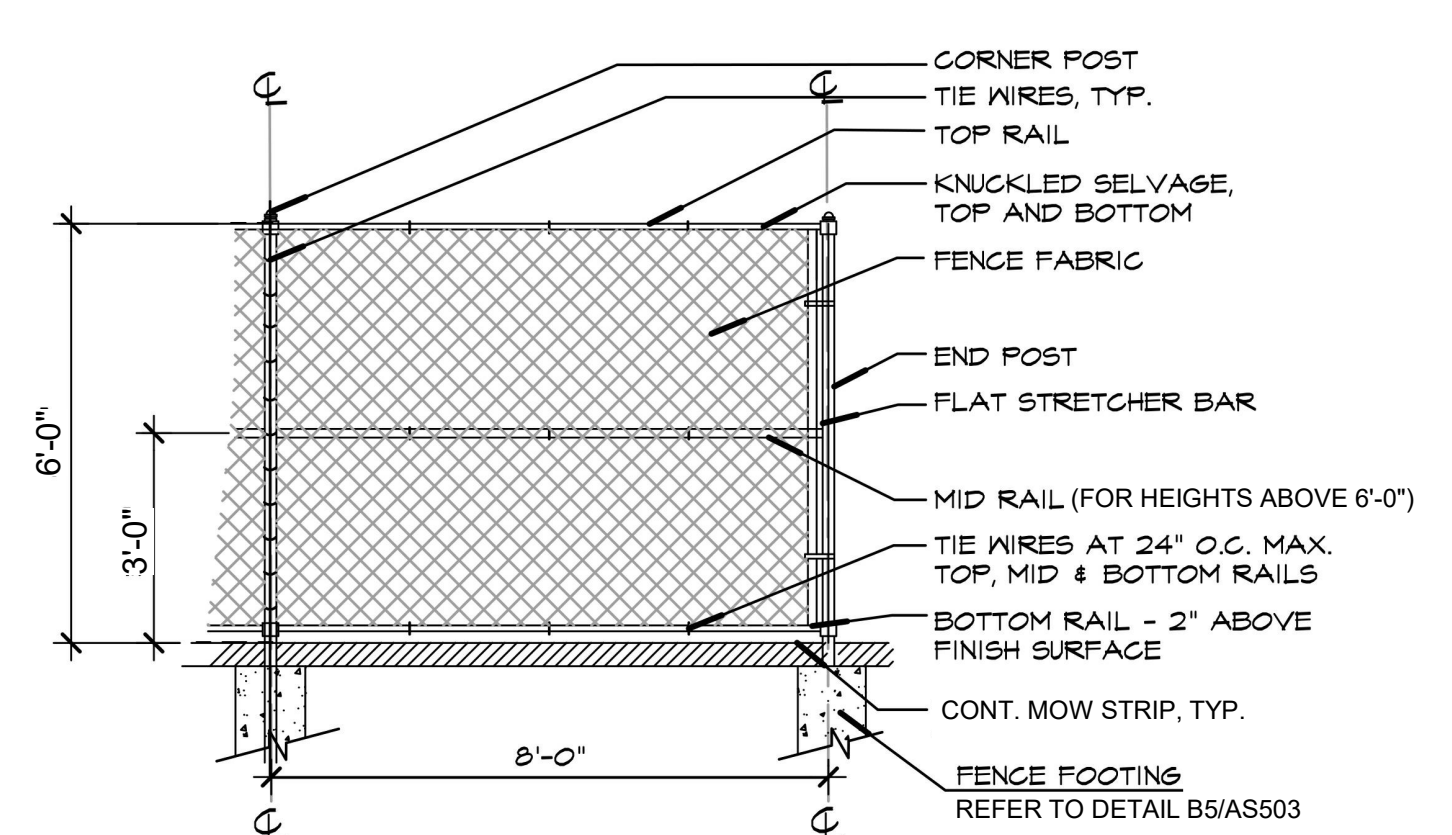
**C1 CURB @ MAIN PLAY AREA TO SOD**  
1 1/2" = 1'-0"



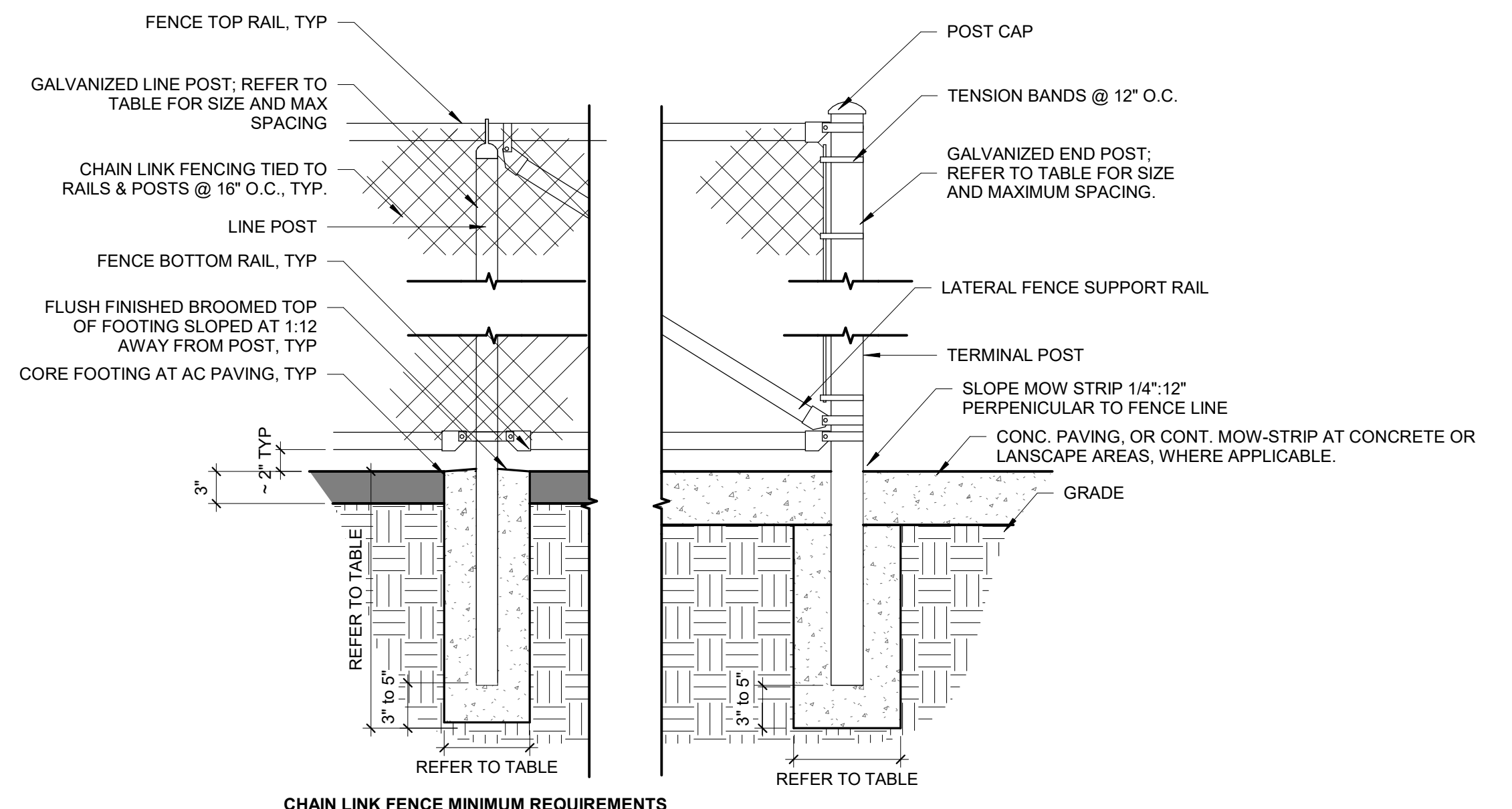
**E6 TYP. CHAIN LINK MAINTENCE GATE**  
1/4" = 1'-0"



**E5 BAR SLEEVE**  
1 1/2" = 1'-0"



**E3 TYP. CHAIN LINK FENCE PANEL**  
1/4" = 1'-0"



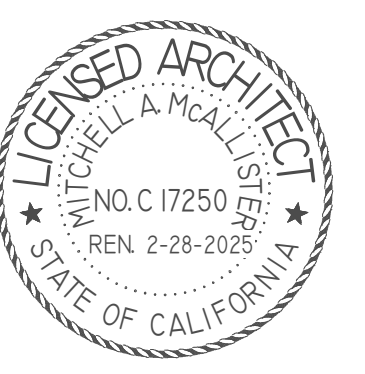
**CHAIN LINK FENCE MINIMUM REQUIREMENTS**

FENCE HT	TERMINAL POST DIMENSIONS	LINE POST DIMENSIONS	TERMINAL POST CONC. FDTN. SIZE	LINE POST CONC. FDTN. SIZE	GATE POST CONC. FDTN. SIZE
UP to 4'-0"	2 3/8" x 0.042	1 5/8" x 0.047	10" x 24"	8" x 24"	10" x 36"
4'-0" to 5'-0"	2 3/8" x 0.042	1 7/8" x 0.055	10" x 24"	8" x 24"	10" x 36"
5'-0" to 6'-0"	2 3/8" x 0.042	1 7/8" x 0.065	10" x 24"	8" x 24"	10" x 36"
6'-0" to 8'-0"	2 3/8" x 0.110	2 3/8" x 0.095	10" x 36"	10" x 36"	12" x 40"
8'-0" to 10'-0"	2 7/8" x 0.110	2 3/8" x 0.130	12" x 40"	10" x 40"	12" x 42"
10'-0" to 12'-0"	2 7/8" x 0.160	2 7/8" x 0.120	12" x 42"	12" x 42"	14" x 42"

**E2 CHAIN LINK FENCE DETAIL**  
1" = 1'-0"



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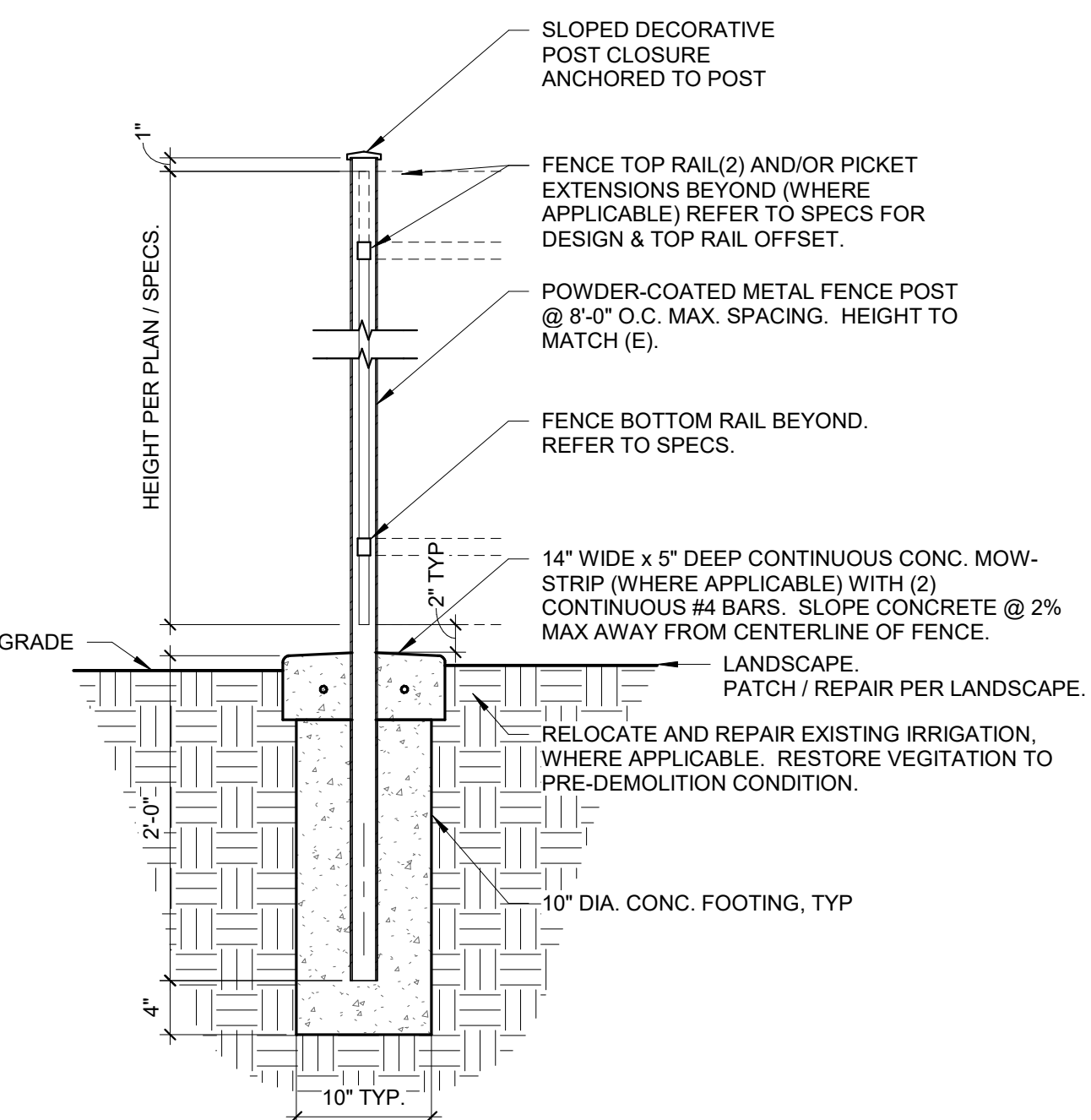
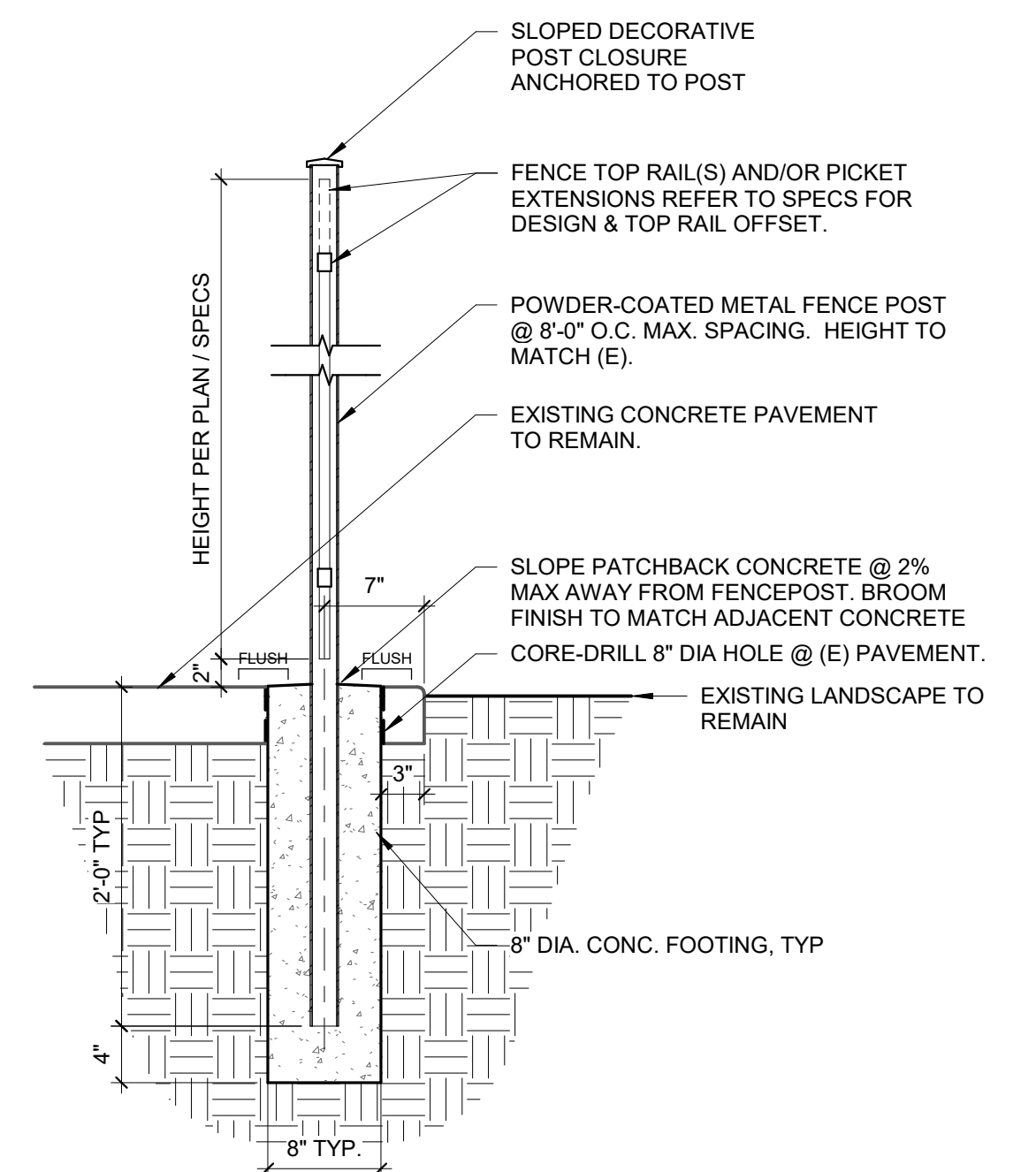
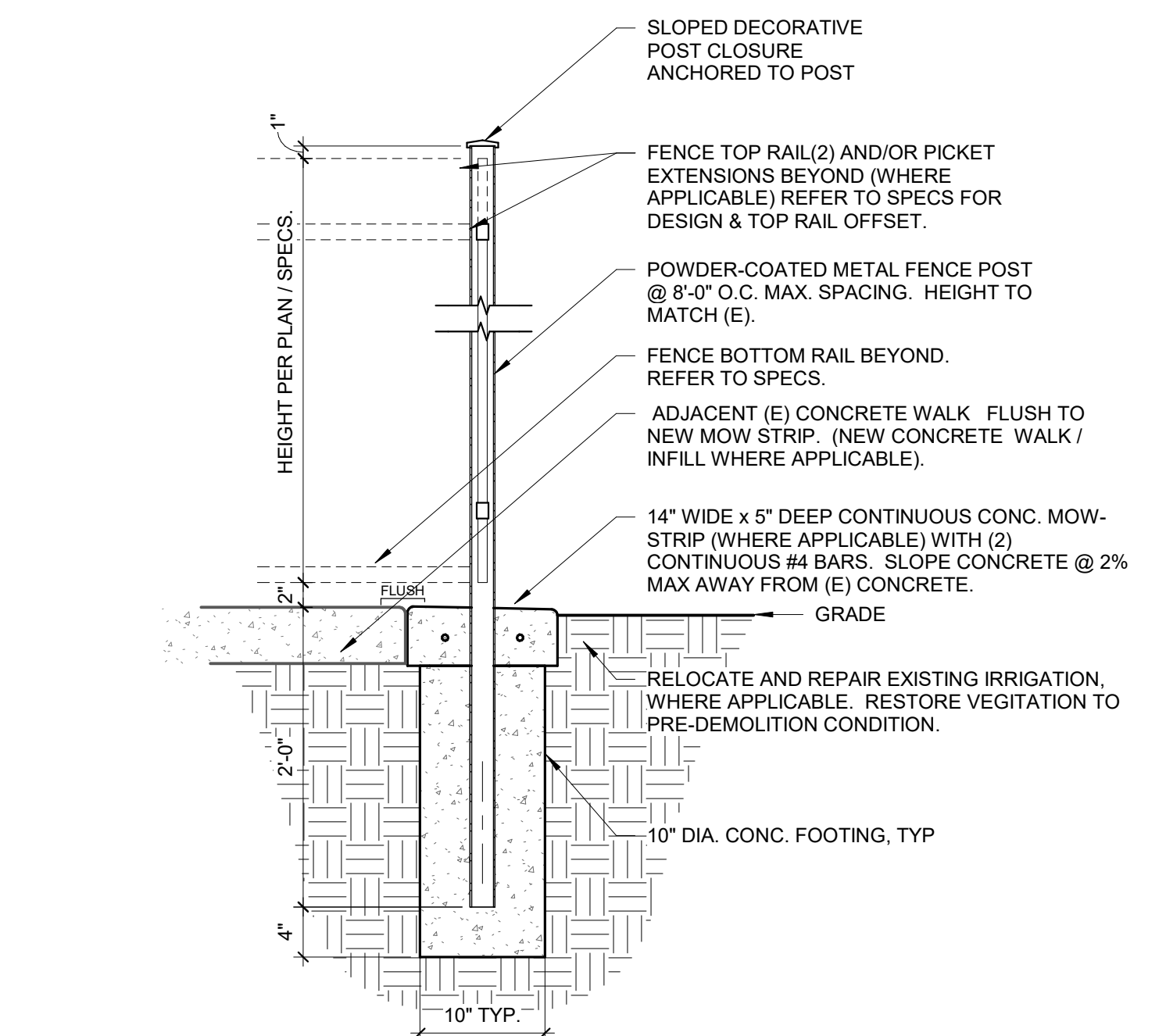
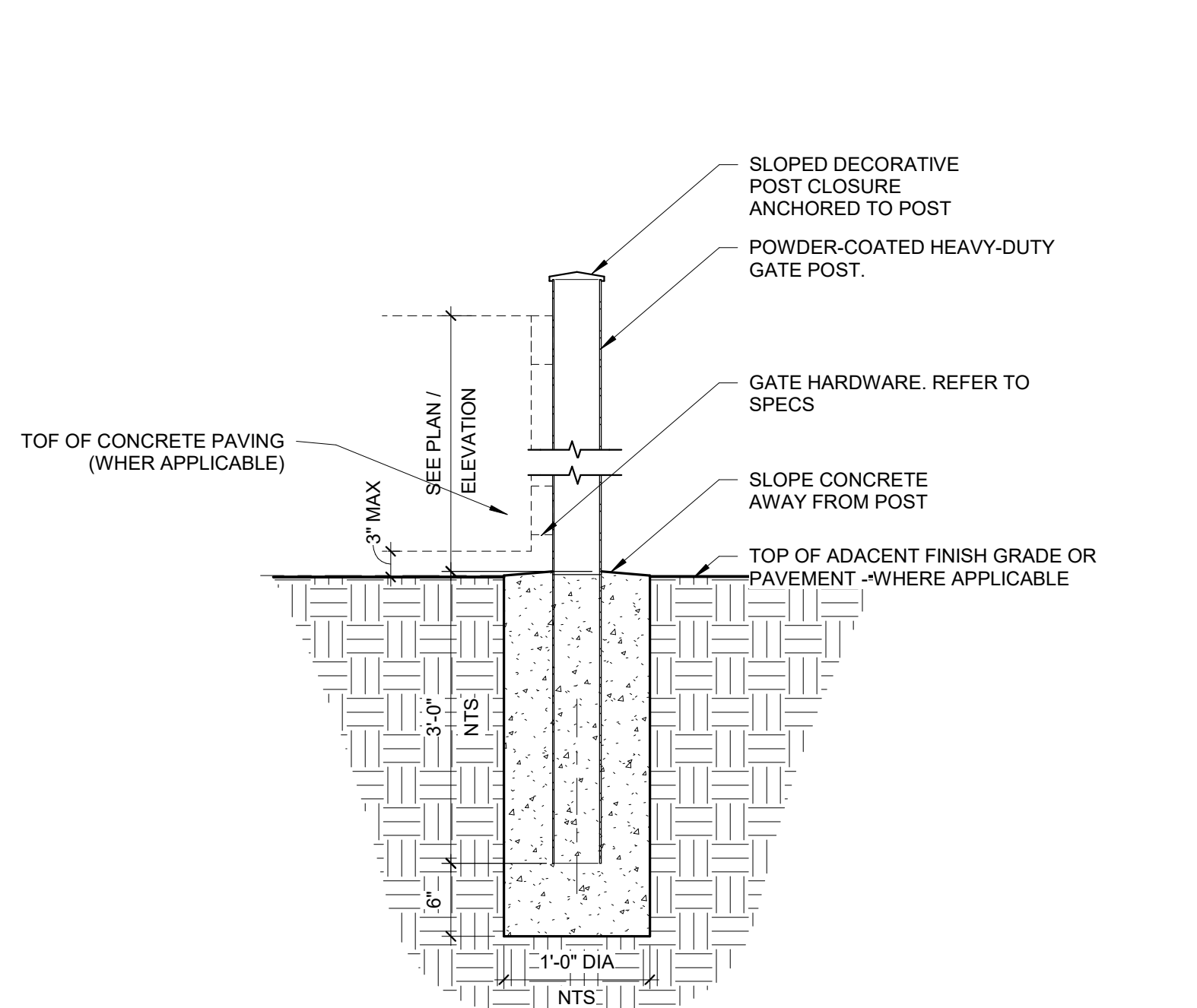
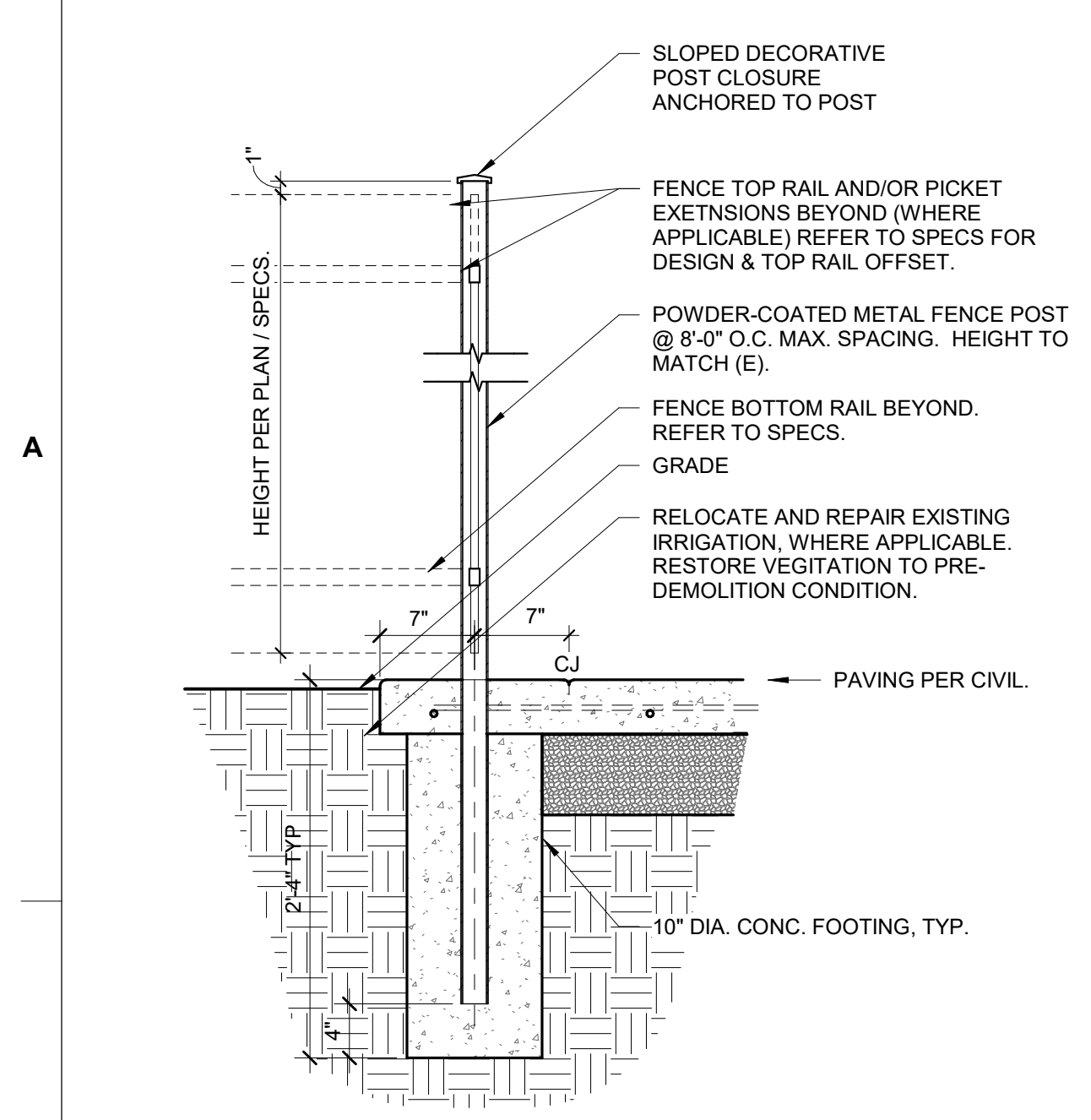
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SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:  
**SITE DETAILS**

JOB NUMBER: SHEET NUMBER:  
DATE: JAN 5, 2024  
REVISION:  
**AS501**





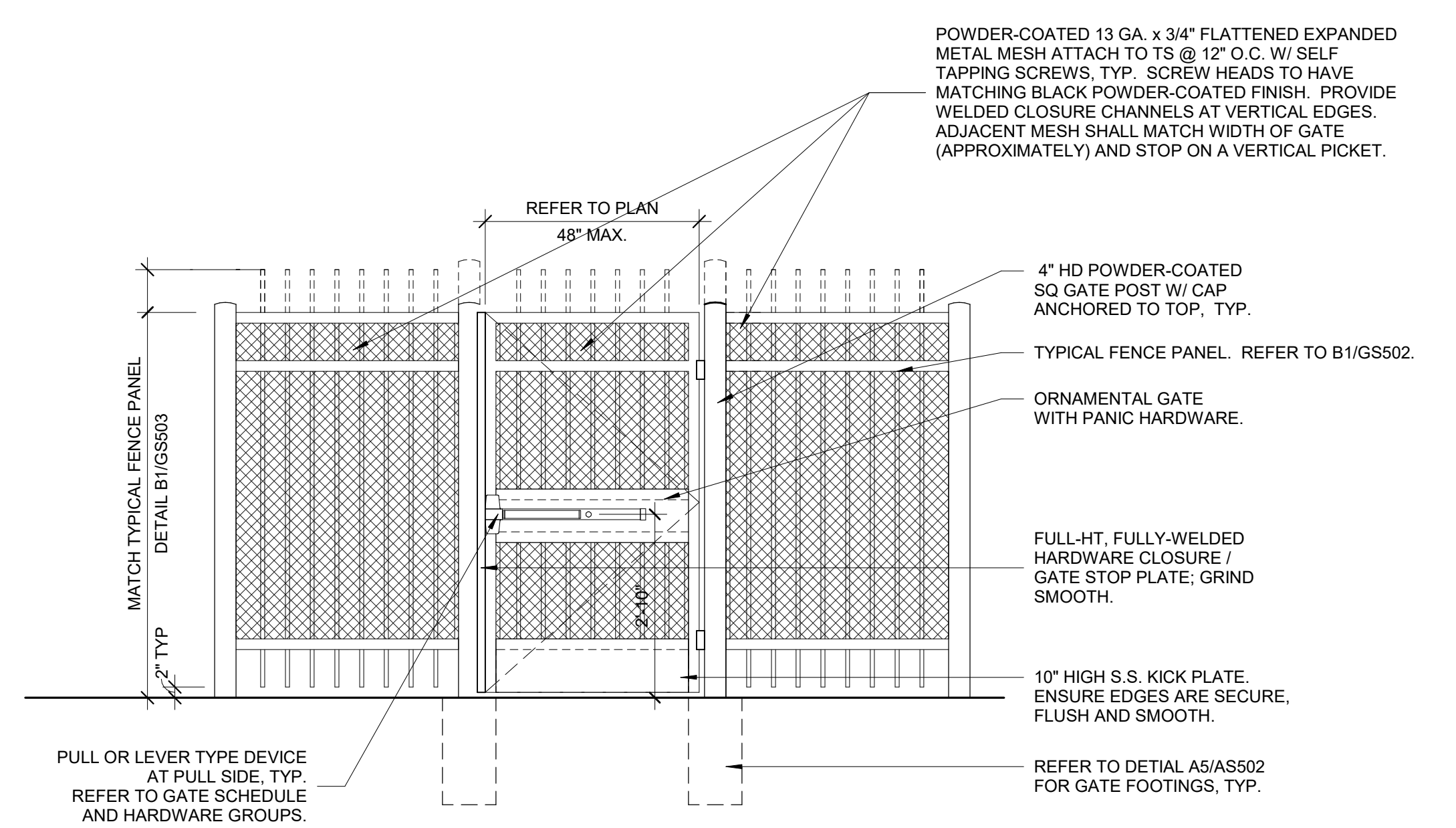
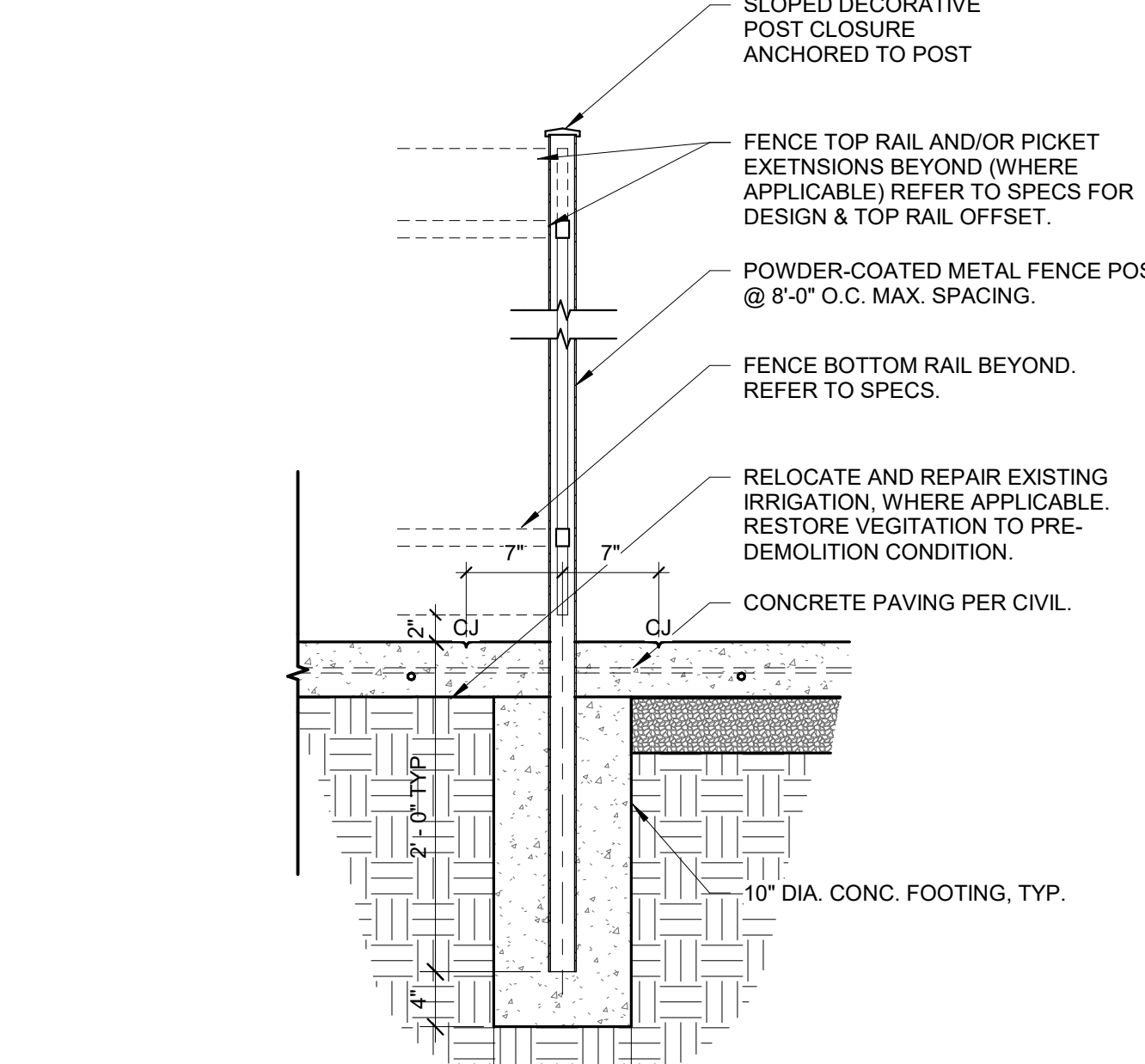
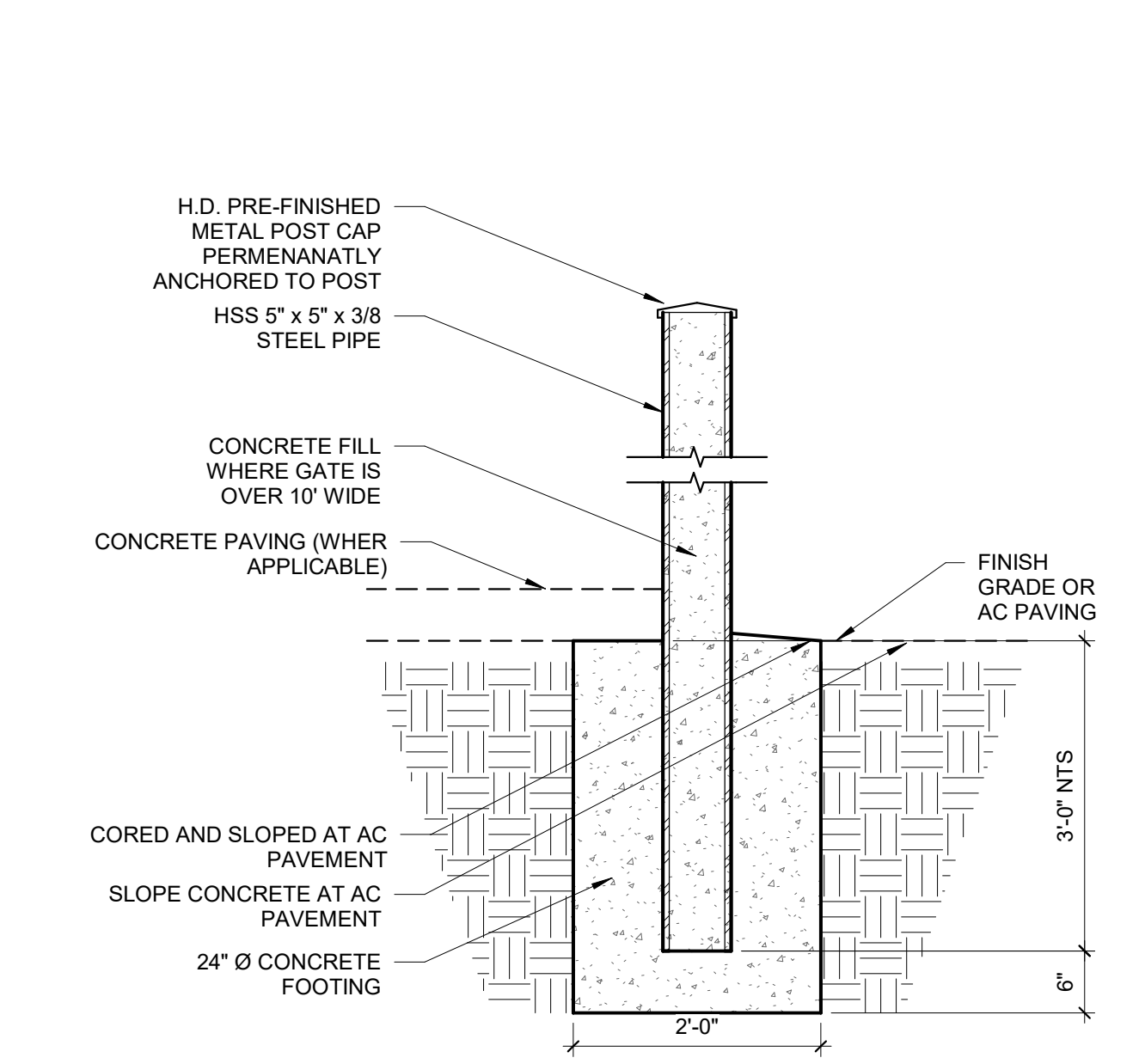
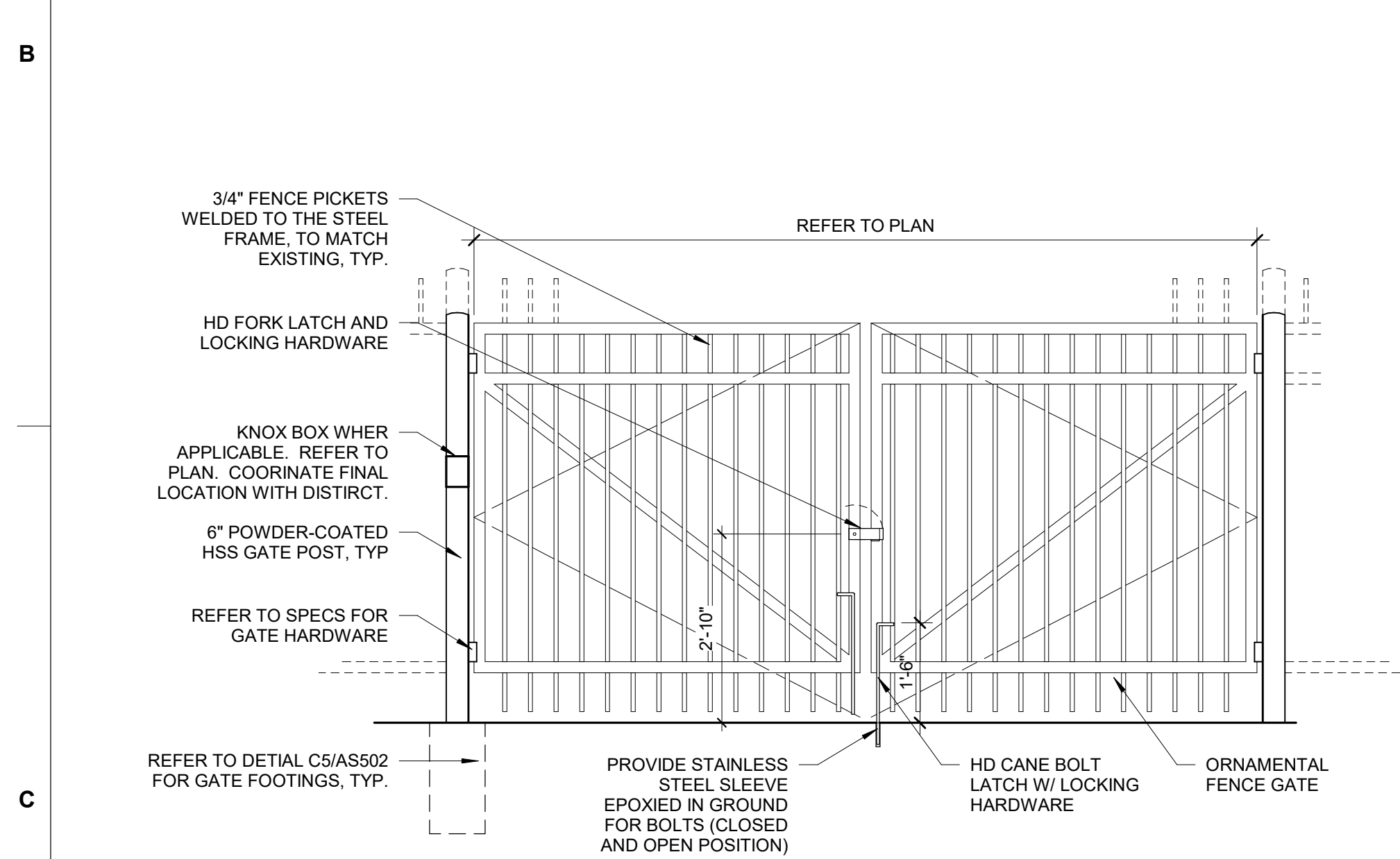
**A6 @ NEW CONC. & LANDSCAPE**  
1" = 1'-0"

**A5 ORNAMENTAL GATE POST - PEDESTRIAN**  
1" = 1'-0"

**A3 FENCE POST @ (E) ADJ. CONC.**  
1" = 1'-0"

**A2 FENCE POST CORED IN (E)**  
1" = 1'-0"

**A1 TYP. FENCE POST @ LANDSCAPE**  
1" = 1'-0"

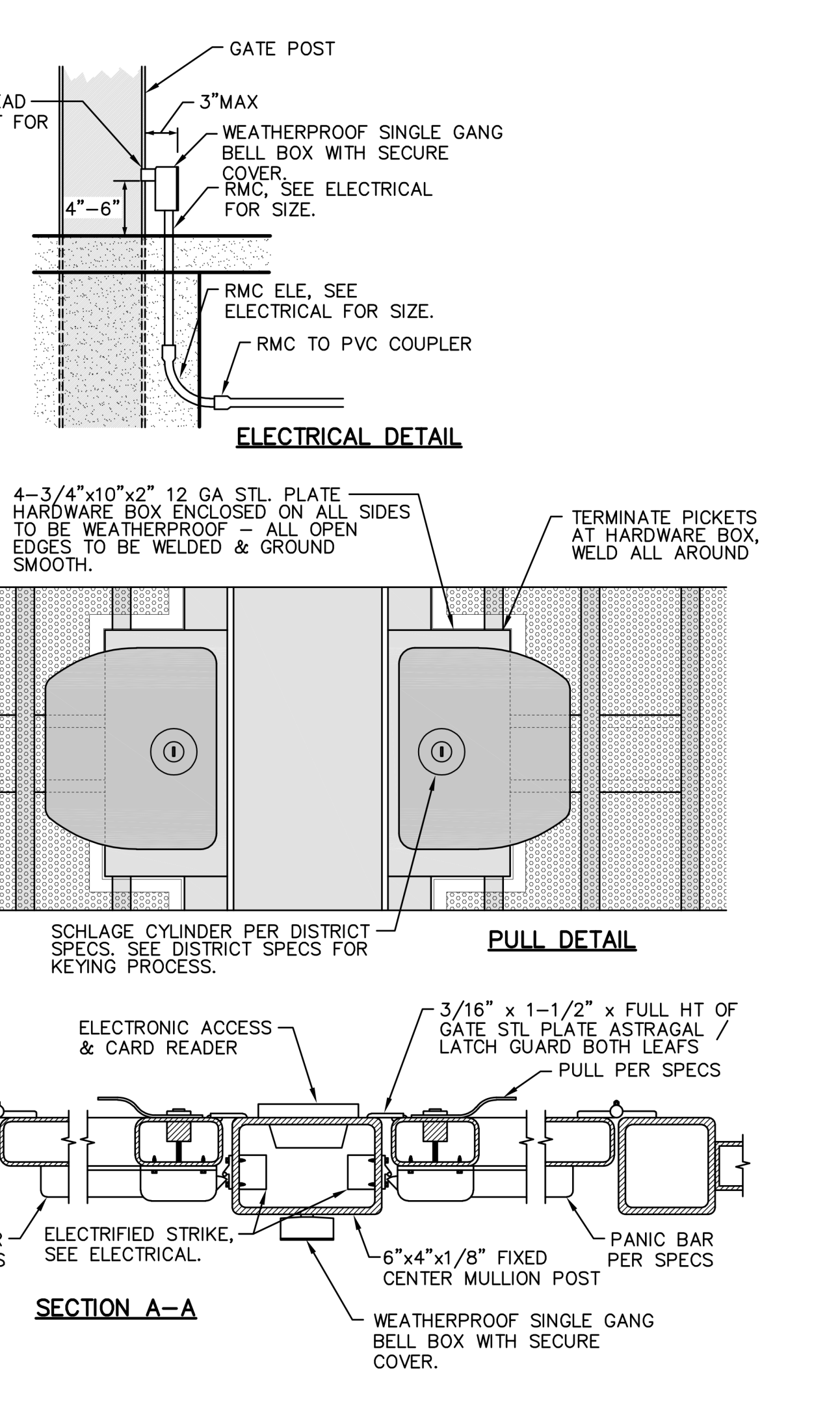
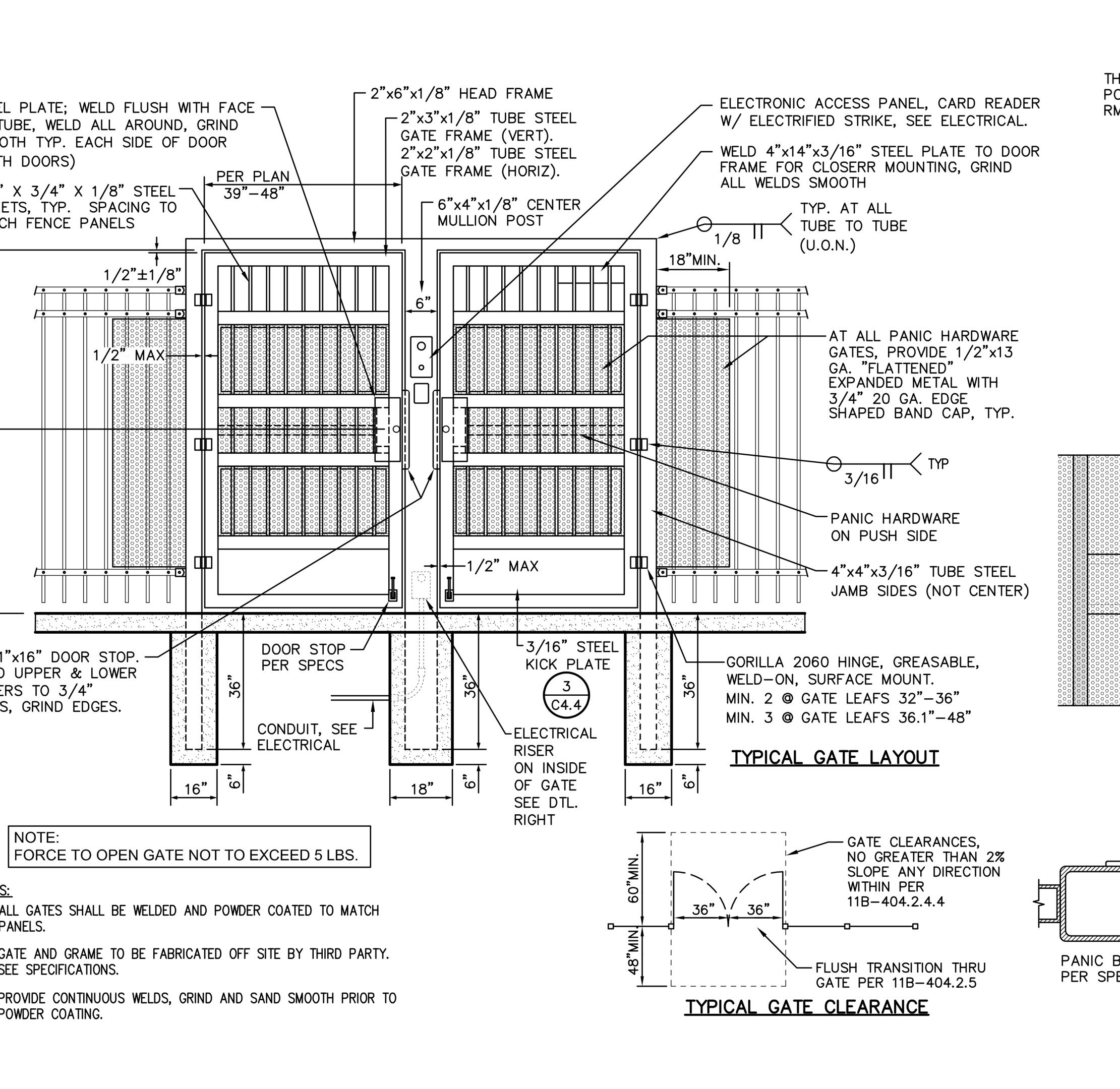
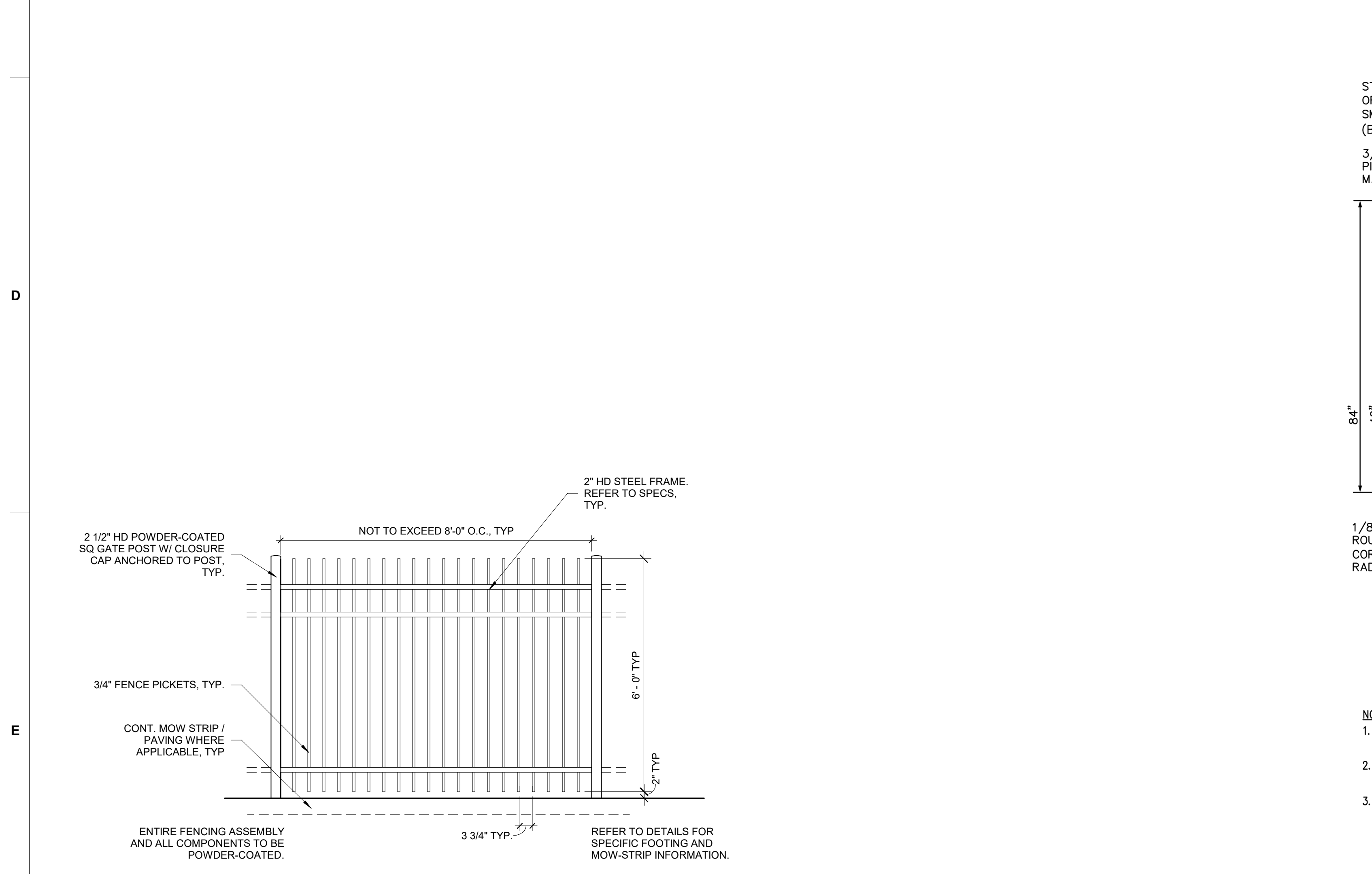


**C6 LARGE ORNAMENTAL GATE**  
1/2" = 1'-0"

**C5 ORNAMENTAL GATE POST - VEHICULAR**  
3/4" = 1'-0"

**C3 FENCE POST @ NEW CONC.**  
1" = 1'-0"

**C2 EGRESS PEDESTRIAN GATE**  
1/2" = 1'-0"



**E6 TYPICAL ORNAMENTAL FENCE PANEL**  
1/2" = 1'-0"

**E4 ORNAMENTAL ACCESS CONTROL GATE**  
1/2" = 1'-0"



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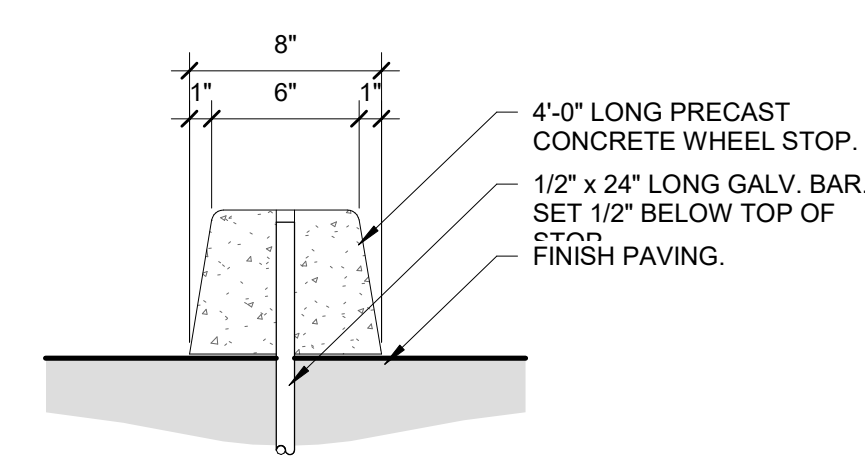
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SACRAMENTO COUNTY

KEY PLAN:

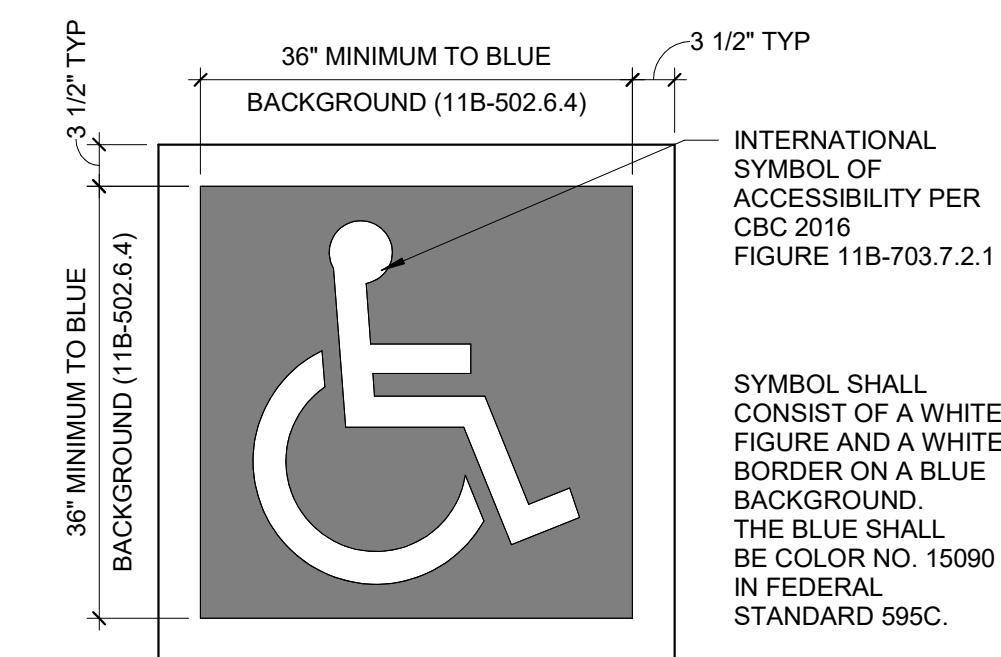
SHEET TITLE:  
**SITE DETAILS**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>AS502</b>
REVISION:	

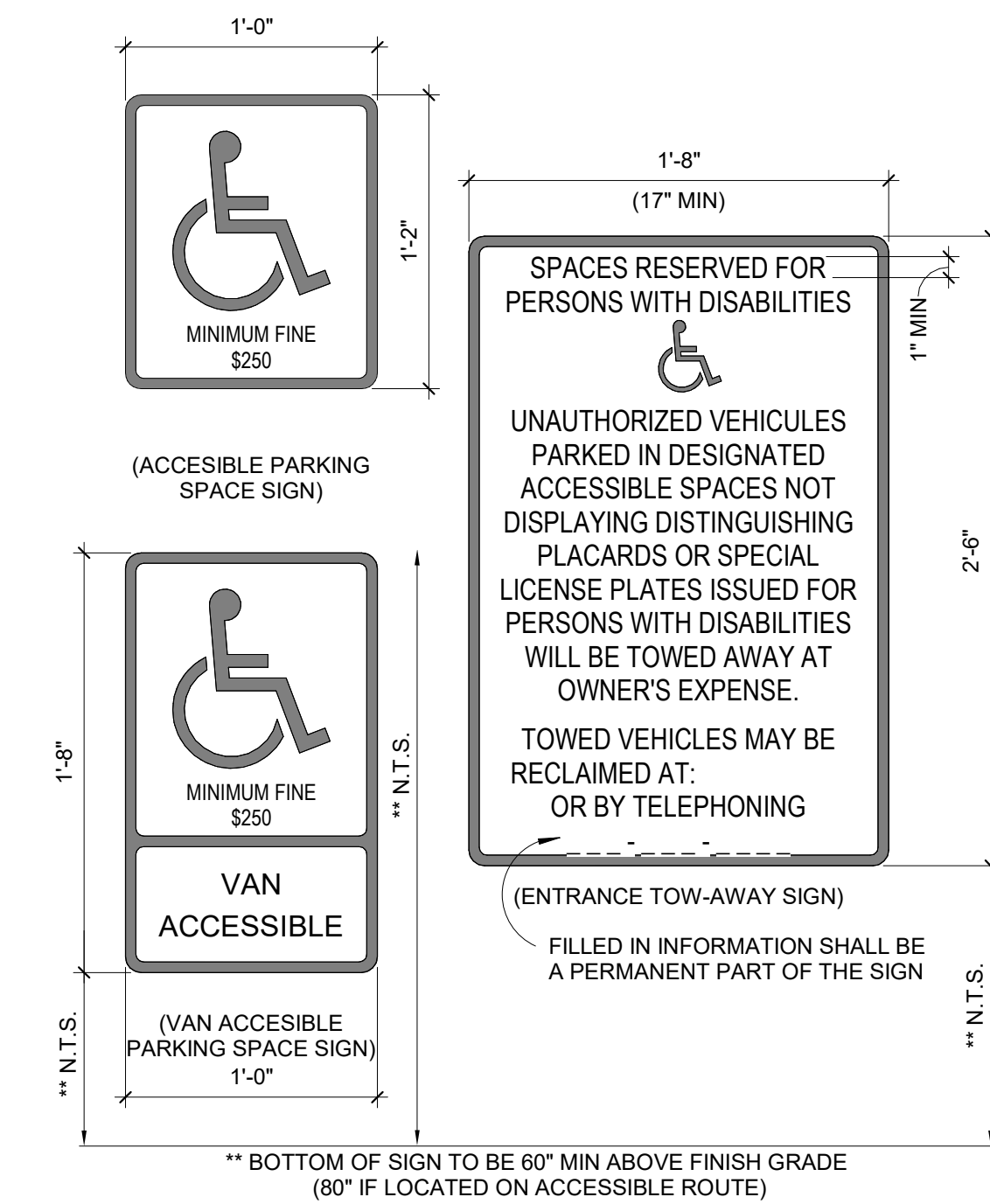




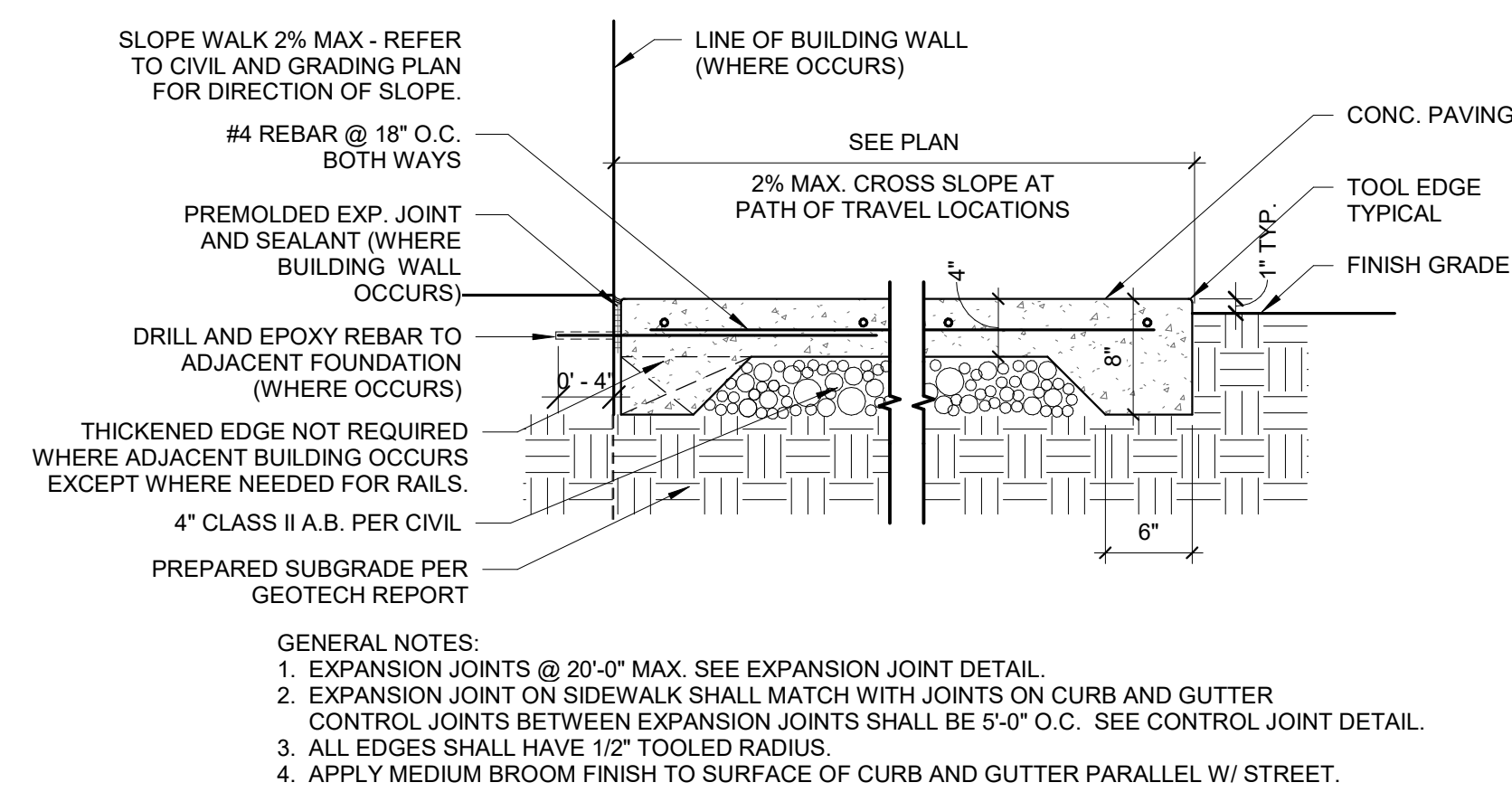
**A2** WHEEL STOP  
1 1/2" = 1'-0"



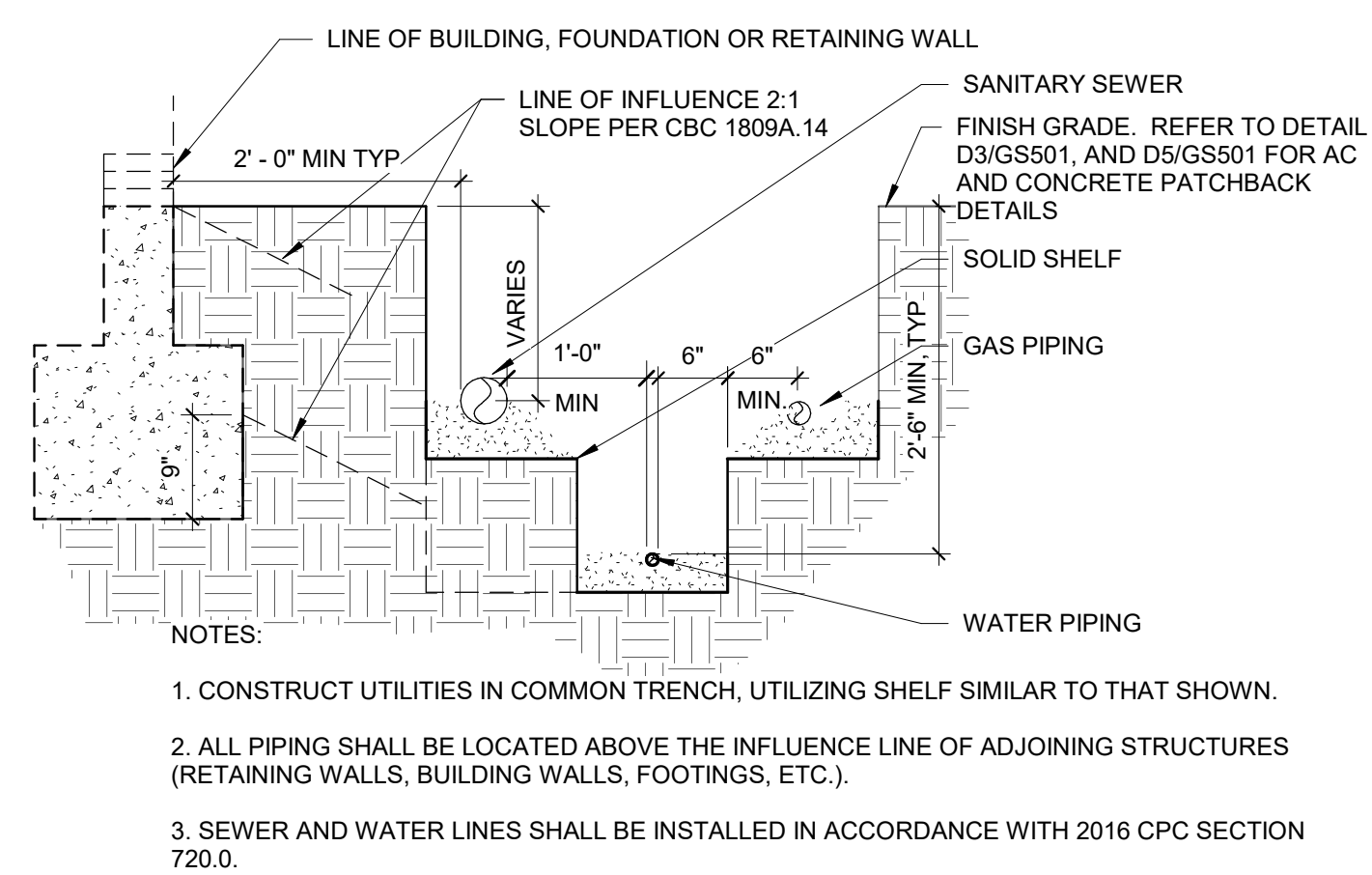
**A1** PARKING SYMBOL  
3/4" = 1'-0"



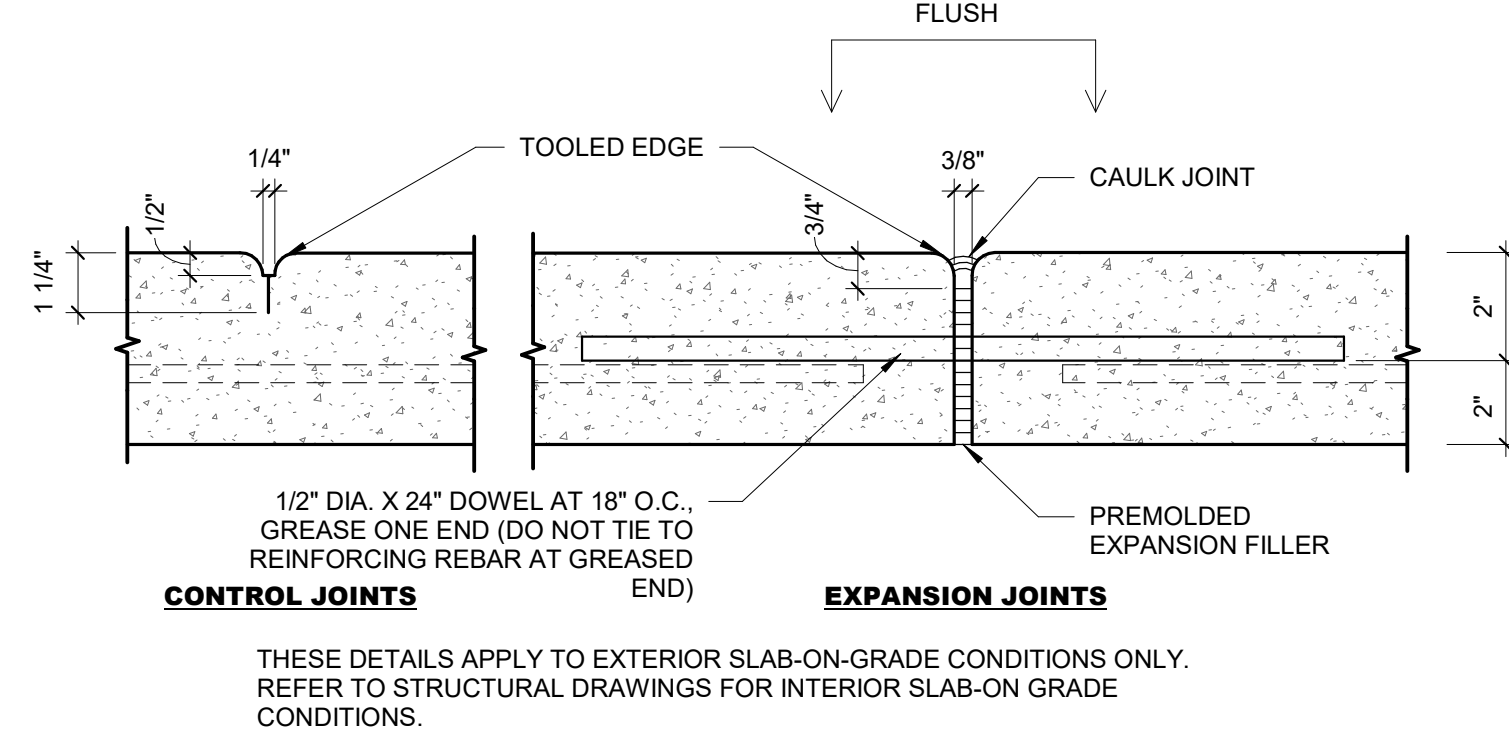
**C1** PARKING SIGNAGE  
1 1/2" = 1'-0"



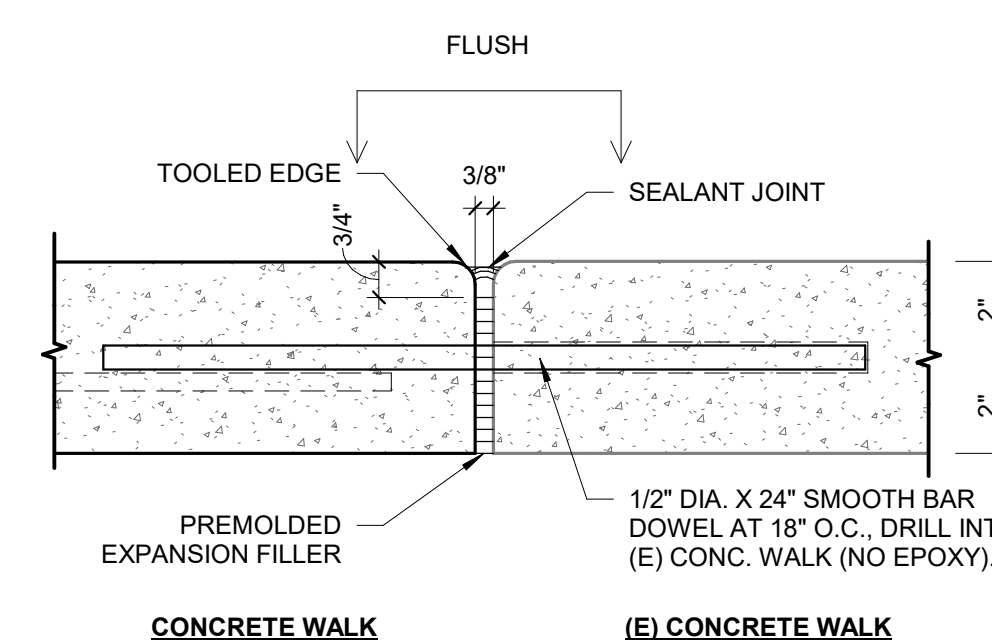
**D4** TYP CONC. PAVING  
1" = 1'-0"



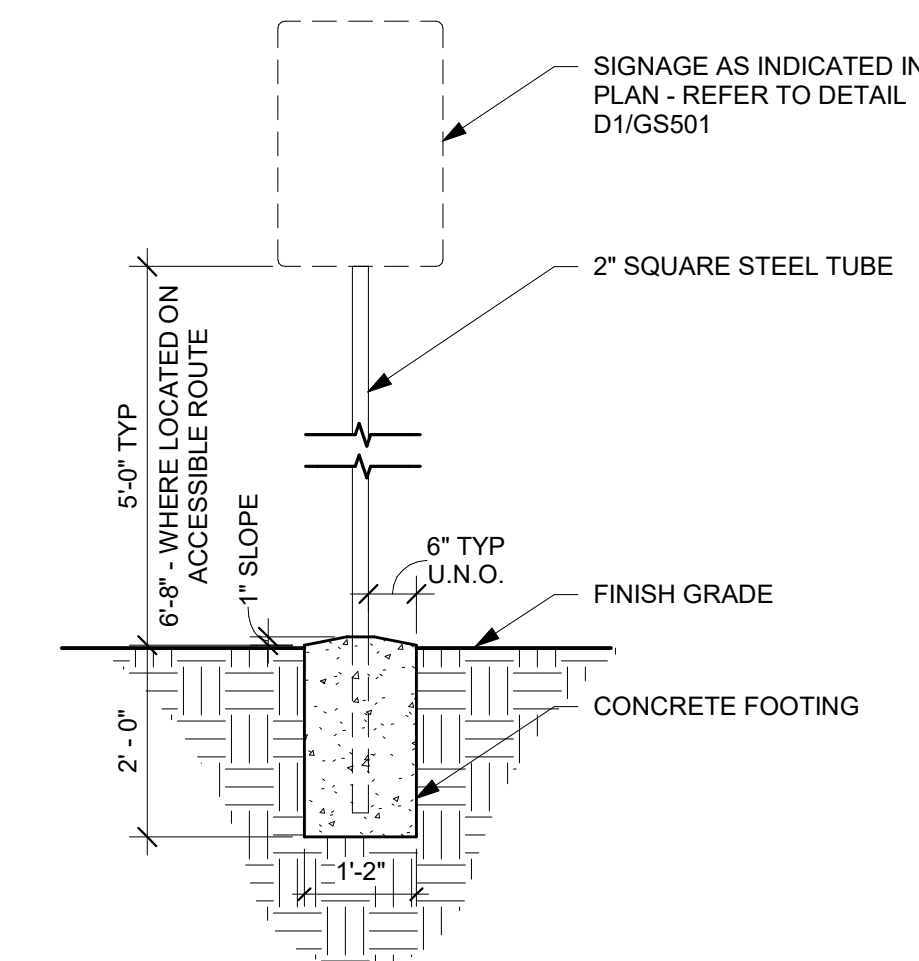
**E6** TRENCH DETAIL  
3/4" = 1'-0"



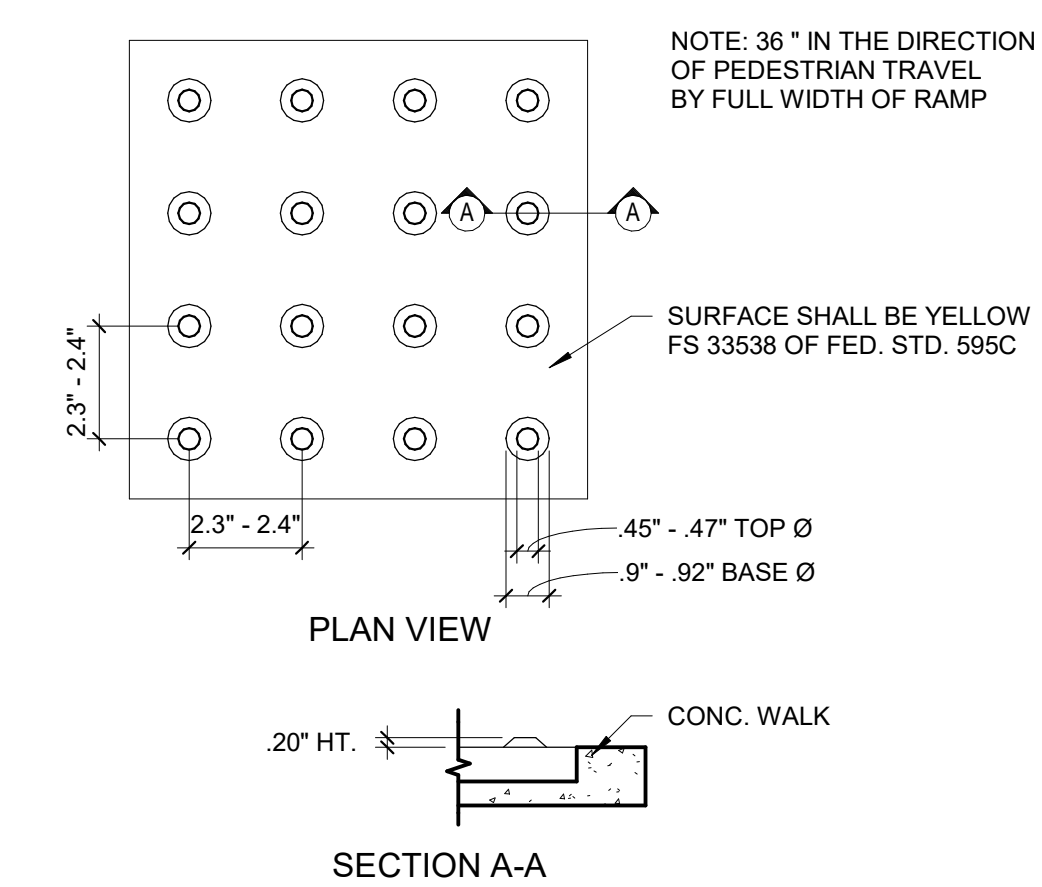
**E4** TYP. CONCRETE JOINTS  
3" = 1'-0"



**E3** EXPANSION JOINT TO (E) CONC.  
3" = 1'-0"



**D1** SIGN FOOTING  
1/2" = 1'-0"



**E1** TRUNCATED DOMES  
3" = 1'-0"



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**CAMPUS RENEWAL**

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KEY PLAN:



SHEET TITLE:  
**SITE DETAILS**

JOB NUMBER:

SHEET NUMBER:

DATE:

JAN 5, 2024

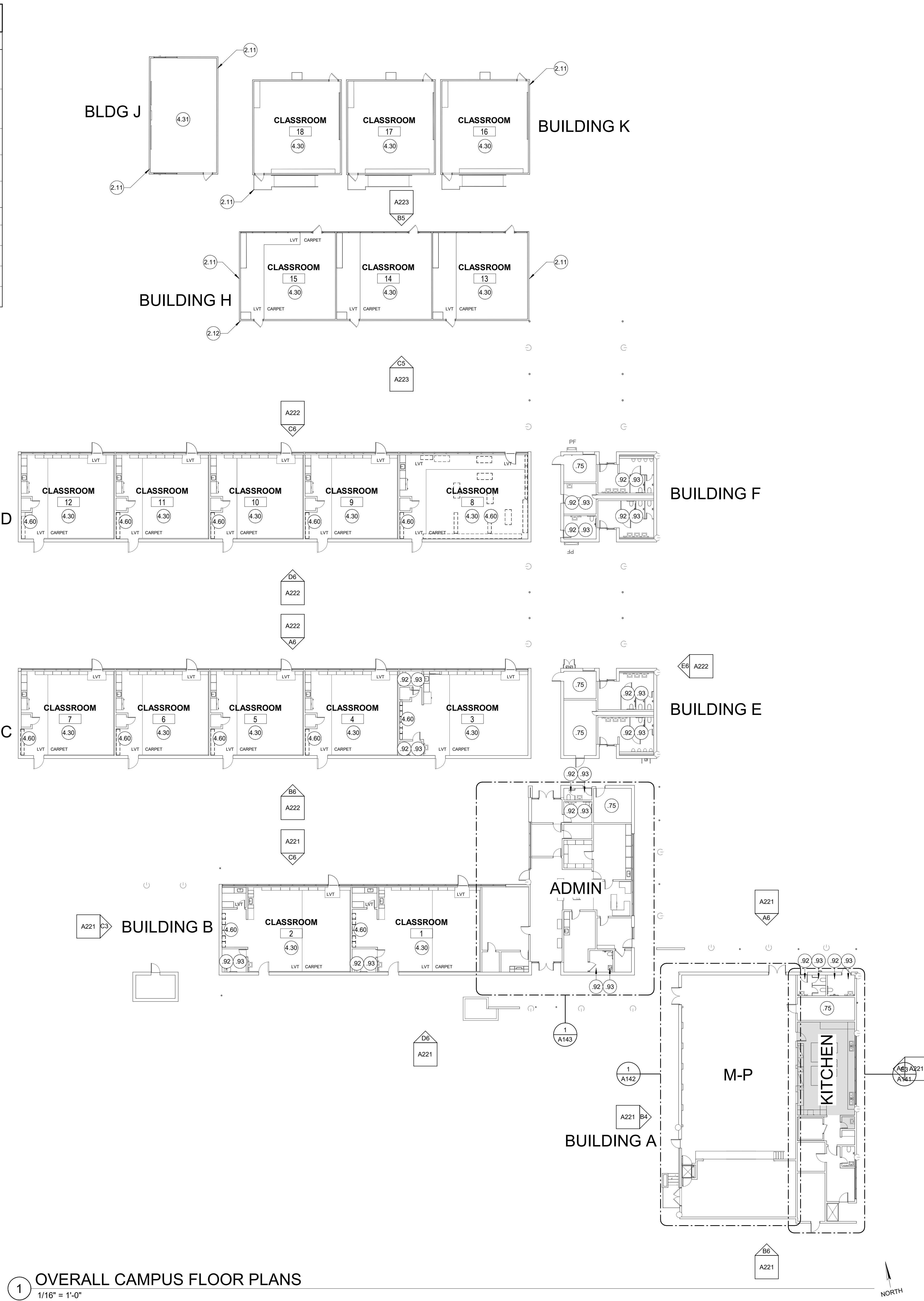
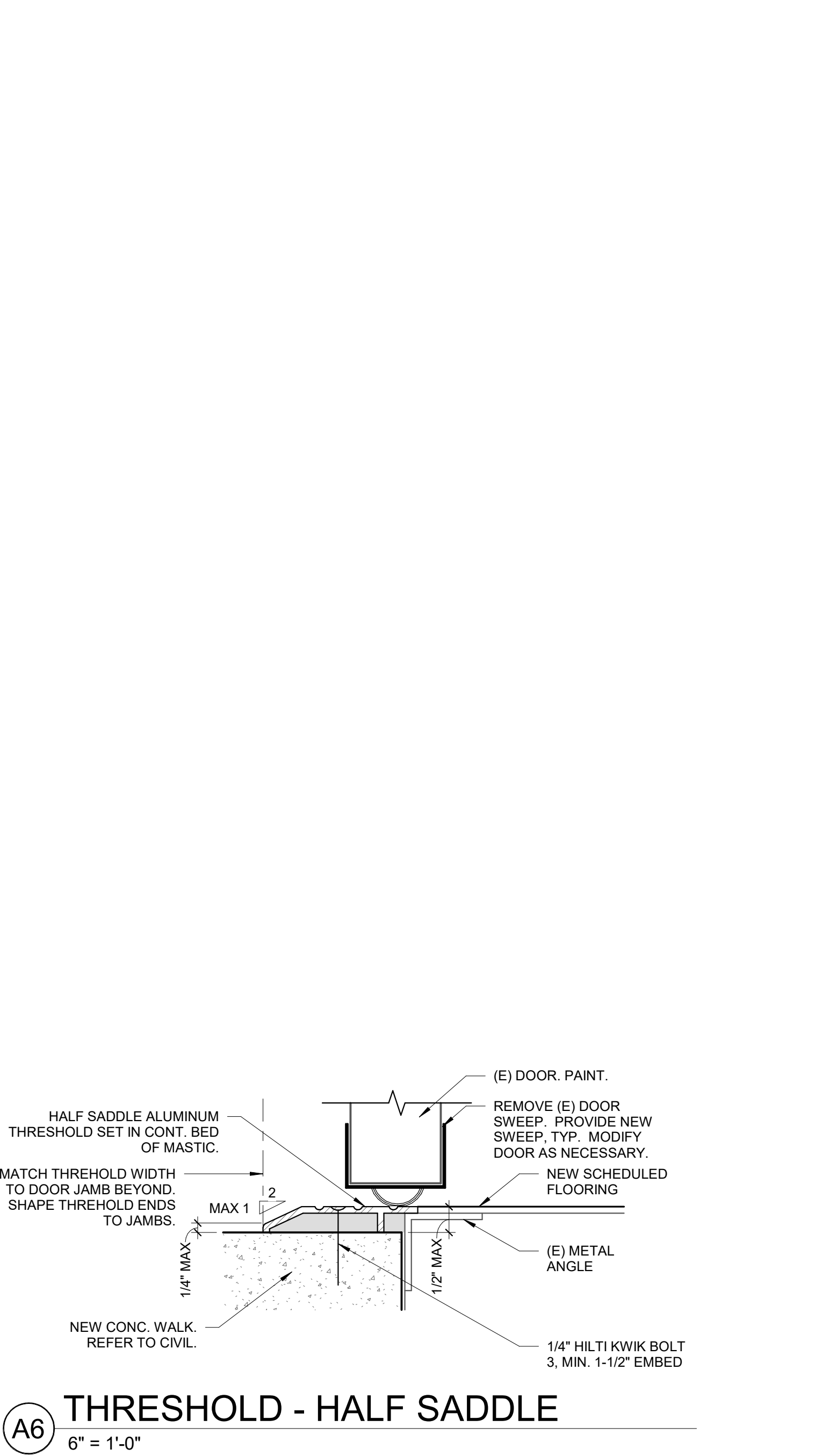
REVISION:

**AS503**



FINISH SCHEDULE LEGEND					
FLOORING	BASE	WALLS	CEILING		
F1 CARPET / LVT (TRANSITION LOCATIONS SHOWN IN PLAN)	B1 4" RUBBER BASE	W1 (E) PAINTED WALLS TO BE PREPPED AND RE-PAINTED	C1 (E) SUSPENDED CEILING ASSEMBLY TO REMAIN. REPLACE DAMAGED PANELS, TYP. (BID QTY NOTED IN R.C.P.) PAINT (E) GYP. BD. TO REMAIN.		
F2 LVT	B2 6" RUBBER BASE	W2 8'-0" FRL WALL PANELS UP TO BOTTOM OF (E) WOOD TRIM AT ~7'-2" (WHERE APPLICABLE). (E) PAINT ABOVE FRL / (E) TRIM TO REMAIN.	C2 REPLACEMENT LAY-IN ACOUSTICAL PANELS WITHIN (E) GRID TO REMAIN.		
F3 (E) TO REMAIN	B3 (E) TO REMAIN	W3 (E) TILE TO REMAIN. EPOXY-PAINT ABOVE (E) TILE AT EXISTING GYP. BD., TYP.	C3 EPOXY-PAINT EXISTING GYP. BD.		
F4 URETHANE QUARTZ SLURRY OR SINGLE-COMPONENT MODIFIED CEMENT BED	B4 6" INTEGRAL TROWELED COVERED-EPOXY BASE	W4 (E) TO REMAIN	C4 EPOXY-PAINT GYP. BD. PATCH / REPAIR GYP. BD. AS REQUIRED.		
F5 REFINISH (E) NATURAL WOOD FLOOR ASSEMBLY	B5 4" VENTED RUBBER BASE	W5 EPOXY-PAINT (E) GYP. BD. PATCH / REPAIR GYP. BD. AS REQUIRED	C5 PAINT (E) GYP. BD.		
F6 CARPET		W6 (E) TO REMAIN	C6 (E) TO REMAIN		
		W7 FRP WALL PANEL ASSEMBLY	C7 PRE-FABRICATED INSULATED COOLER ASSEMBLY		
		W8 STAINLESS STEEL WALL PANEL ASSEMBLY O' GYP. BD.			
		W9 EPOXY PAINT GYP. BD.			
		W10 PRE-FABRICATED INSULATED COOLER ASSEMBLY			

ROOM FINISH SCHEDULE - CLASSROOMS										
ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CEILING FINISH	REMARKS	ROOM #
				NORTH	EAST	SOUTH	WEST			
LEVEL 1										
1	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		1
2	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		2
3	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		3
4	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		4
5	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		5
6	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		6
7	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		7
8	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		8
9	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		9
10	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		10
11	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		11
12	CLASSROOM	F1	B1	W1	W1	W1	W1	C1		12
13	CLASSROOM	F1	B1	W1	W1	W1	W1	C6		13
14	CLASSROOM	F1	B1	W1	W1	W1	W1	C6		14
15	CLASSROOM	F1	B1	W1	W1	W1	W1	C6		15
16	CLASSROOM	F1	B1	W1	W1	W1	W1	C6		16
17	CLASSROOM	F1	B1	W1	W1	W1	W1	C6		17
18	CLASSROOM	F1	B1	W1	W1	W1	W1	C6		18



**GENERAL NOTES**

- PLANS ARE GENERAL AND DO NOT REPRESENT EXACT CONDITIONS ON SITE. PLANS DO NOT HAVE EXTENSIVE DETAILS AND DO NOT REPRESENT EVERY ASPECT OF EXISTING CONDITIONS FOR WORK NECESSARY TO PERFORM THE INTENDED SCOPE.
- CONTRACTOR SHALL VISIT EACH ROOM ASSOCIATED WITH THE SCOPE OF WORK TO BE FAMILIAR WITH THE WORK THAT WILL BE NECESSARY TO BE PERFORMED AT EACH CLASSROOM PRIOR TO BID.
- ALL INTERIOR PAINTED SURFACES IN CLASSROOMS NOTED SHALL BE PREPPED AND RE-PAINTED, TYP. (EXISTING PAINT AT UPPER WALLS OF THE MULTI-PURPOSE ROOM TO REMAIN) PROVIDE DIFFERENT CUSTOM PAINT COLORS FOR CLASSROOMS OF EACH DIFFERENT GRADE LEVEL.
- REFER TO ENLARGED PLANS FOR SCOPE OF WORK IN AREAS WITHIN ENLARGED PLAN CALLOUT BUBBLES.
- EXTERIOR OF ALL (E) CAMPUS BUILDING PAINTED SURFACES TO BE PREPPED, PRIMED, AND RE-PAINTED PER SPECS. CONTRACTOR SHALL USE CAUTION TO NOT PAINT OR GET PAINT ON (E) UNPAINTED SURFACES (i.e. BRICK, CONCRETE, ALUMINUM, GLASS, PRE-FINISHED METAL, ETC.)

**KEYED NOTES**

- (E) FINISHES TO REMAIN, U.O.N.
- TILE FLOORING AND TILE BASE TO REMAIN.
- (E) WALL TILE TO REMAIN. EPOXY-PAINT (E) GYP. BD WALLS AND GYP. BD CEILING ABOVE TILE, TYP. REFER TO FINISH SCHEDULE.
- PREP AND PAINT ALL (E) PAINTED SURFACES AT EXTERIOR OF ALL (E) MODULAR BUILDINGS, TYP. NOT ALL BUILDING ELEVATIONS ARE SHOWN. INCLUDE RAMPS, SKIRTS, HANDRAILS, GUARDRAILS, ETC.
- REMOVE AND REPLACE (2) DRY-ROTTED WOOD 1X4 TRIM AT CORNER OF MODULAR BUILDING. REPLACE WITH FULL-HT HARDI-TRIM.
- COMPLETELY REMOVE AND REPLACE ALL EXISTING VCT FLOORING, CARPET FLOORING, AND RUBBER BASE. CLEAN AND PREP FOR NEW FLOORING TO BE INSTALLED. REFER TO FINISH SCHEDULE FOR WALL AND FLOOR FINISHES. FLOORING AREAS AND FLOORING TRANSITIONS TO MATCH EXISTING, U.O.N.
- INTERIOR OF THIS CLASSROOM AREA (AND INTERIOR OF ALL MODULAR BUILDINGS THE NORTHWEST OF THIS CLASSROOM) ARE N.I.C. EXTERIOR PAINT WORK TO BE INCLUDED. EXTERIOR OF ALL CAMPUS BUILDINGS SHALL BE PAINTED, TYP.
- UN-FIXED OFFICE FURNITURE AND EQUIPMENT TO BE TAGGED, REMOVED, SALVAGED, STORED, AND REINSTALLED AFTER NEW FLOORING, NEW BASE, PAINT, AND CEILING WORK IS COMPLETE. ALL FIXED CASEWORK TO REMAIN.

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CONSULTANT:

PROJECT NAME:

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**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:

↑

SHEET TITLE:

**OVERALL CAMPUS FLOOR PLANS**

JOB NUMBER: SHEET NUMBER:

DATE:  
JAN 5, 2024

REVISION:

**A101**

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**GENERAL NOTES**

- PLANS DO NOT HAVE EXTENSIVE DETAILS AND DO NOT REPRESENT EVERY ASPECT OF WORK NECESSARY TO PERFORM THE INTENDED SCOPE OF WORK. MINOR ANGLARY WORK TO REMOVE AND REPLACE CEILING AND WALL FINISHES AND SUBSTRATES AS REQUIRED TO PERFORM SCOPE OF WORK SPECIFIED SHALL BE INCLUDED IN THE BID.
- CONTRACTOR SHALL VISIT EACH ROOM ASSOCIATED WITH THE SCOPE OF WORK TO BE FAMILIAR WITH THE WORK THAT WILL BE NECESSARY TO BE PERFORMED AT EACH AREA PRIOR TO BID.
- ALL INTERIOR PAINTED SURFACES (WALLS, DOORS, FRAMES, CEILINGS, ETC.), SHALL BE PREPPED AND RE-PAINTED, TYP., UNLESS OTHERWISE NOTED TO REMAIN.  
NOTE: THE EXISTING CUSTOM PAINT AT UPPER WALLS OF THE MULTI-PURPOSE ROOM SHALL BE PROTECTED AND REMAIN AS IS.
- ALL DOOR EXTRUDED THRESHOLDS LOCATED ATOP EXISTING FLOORING TO BE DEMOLISHED SHALL BE REMOVED, SALVAGED, AND REINSTALLED AFTER NEW FLOORING IS REPLACED. PROVIDE NEW THRESHOLD IF DAMAGED.
- CHANGES IN MATERIAL SHALL OCCUR AT THE CENTERLINE OF THE DOOR PANEL (BELOW THE DOOR IN CLOSED POSITION), U.O.N.
- ALL APPURTENANCES AND DEVICES LOCATED ON WALLS TO RECEIVE NEW GYP BD OR NEW FRP WALL FINISH SHALL BE REMOVED AND REINSTALLED AFTER NEW WALL FINISH IS INSTALLED. CUT OPENINGS IN NEW WALL FINISH SHALL BE MINIMIZED TO MATCH BOX SIZE BEYOND AND SHALL BE COMPLETELY COVERED BY THE REINSTALLED DEVICE.

**ROOM FINISH SCHEDULE**

ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CEILING FINISH	REMARKS	ROOM #
				NORTH	EAST	SOUTH	WEST			
LEVEL 1										
A101	M-P	F2	B2	W2	W2	W2	W2	C1		A101
A102	KITCHEN FRONT	F4	B4	W5	W5	W5	W5	C4		A102
A103	KITCHEN REAR	F4	B4	W5	W5	W5	W5	C4		A103
A104	HALLWAY	F4	B4	W5	W5	W5	W10	C4		A104
A105	W.I.R.	F4	B4	W10	W10	W10	W10	C6		A105
A106	JANITOR	F4	B4	W5	W5	W5	W5	C4		A106
A107	ELECTRICAL	F1	B1	W1	W1	W1	W1	C4		A107
A108	DRY STORAGE	F4	B4	W5	W5	W5	W5	C4		A108
A109	TOILET	F3	B3	W3	W3	W3	W3	C4		A109
A110	RECEIVING	F4	B4	W5	W5	W5	W5	C4		A110
A111	(E) STORAGE	F3	B3	W4	W4	W4	W4	C6		A111
A112	(E) UNISEX	F3	B3	W3	W3	W3	W3	C3		A112
A113	(E) TOILETS	F3	B3	W3	W3	W3	W3	C3		A113
A114	M-P PLATFORM	F5	B5	W1	W1	W1	W1	C5		A114

**FINISH SCHEDULE LEGEND**

FLOOR/ BASE	BASE	WALLS/ WAINSCOT	CEILING
F1	B1 4" RUBBER BASE	W1 (E) PAINTED WALLS TO BE PREPPED AND RE-PAINTED	C1 (E) SUSPENDED CEILING ASSEMBLY TO REMAIN. REPLACE DAMAGED PANELS, TYP. (BID QTY NOTED IN R.C.P.) PAINT (E) GYP. BD. TO REMAIN.
F2	B2 6" RUBBER BASE	W2 8'-0" FRL WALL PANELS UP TO BOTTOM OF (E) WOOD TRIM AT ~7'-2" (WHERE APPLICABLE). (E) PAINT ABOVE FRL / (E) TRIM TO REMAIN. DO NOT PAINT.	C2 REPLACEMENT LAY-IN ACOUSTICAL PANELS WITHIN (E) GRID TO REMAIN.
F3	B3 (E) TO REMAIN	W3 (E) TILE TO REMAIN. EPOXY-PAINT ABOVE (E) TILE AT EXISTING GYP BD. TYP.	C3 EPOXY-PAINT EXISTING GYP BD
F4	B4 6" INTEGRAL TROWELED COVED-EPOXY BASE	W4 (E) TO REMAIN	C4 EPOXY-PAINT GYP. BD. PATCH / REPAIR GYP. BD. AS REQUIRED.
F5	B5 4" VENTED RUBBER BASE	W5 EPOXY-PAINT (E) GYP BD. PATCH / REPAIR GYP. BD. AS REQUIRED.	C5 PAINT (E) GYP. BD.
		W6 (E) TO REMAIN	C6 (E) TO REMAIN
		W7 FRP WALL PANEL ASSEMBLY	C7 PRE-FABRICATED INSULATED COOLER ASSEMBLY
		W8 STAINLESS STEEL WALL PANEL ASSEMBLY OF GYP BD	
		W9 EPOXY PAINT GYP BD.	
		W10 PRE-FABRICATED INSULATED COOLER ASSEMBLY	

**LEGEND**

- NEW STUD FRAMED WALL BUILT ATOP A 6" CONCRETE CURB. REFER TO STRUCTURAL.
- NEW INSULATED WALK-IN COOLER ASSEMBLY. REFER TO KITCHEN DRAWINGS.
- SAW-CUT AND DEMOLISH (E) FLOORING AND CONCRETE SOG AS REQUIRED TO PERFORM WORK. REFER TO PLUMBING AND KITCHEN DRAWINGS.
- DEMOLISH EXISTING INSULATED RAISED WALK-IN FLOOR ASSEMBLY.
- REPLACEMENT CONCRETE SOG OVER VAPOR BARRIER. REFER TO STRUCTURAL. PATCHBACK TO MATCH (E) SOG ELEVATION. SLOPE TO DRAIN WHERE INDICATED.
- KEYED NOTE TAG. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS WITHOUT LEADER APPLIES TO THE ENTIRE ROOM OR SURFACE IN WHICH (ON WHICH) THE TAG IS LOCATED. KEYED NOTES MAY SKIP NUMBERS.
- (E) SURFACE-MOUNTED CLASS 'K' FIRE EXTINGUISHER TO REMAIN. REMOVE / SALVAGE AND REINSTALL AS NECESSARY.
- 6" TALL STAINLESS STEEL CORNER GUARD
- KITCHEN HOOD ANSUL PULL-STATION. REFER TO KITCHEN AND HOOD DRAWINGS. REFER TO ELECTRICAL.

**KEYED NOTES**

- (E) DOORWAY TO REMAIN. PAINT. PROVIDE NEW THRESHOLD SET IN CONTINUOUS BED OF MASTIC.
- (E) TOILET ACCESSORIES TO REMAIN. REMOVE AND REINSTALL AS NECESSARY TO PERFORM WORK.
- REMOVE / SALVAGE (E) TOILET TO REINSTALL AFTER NEW FLOORING WORK IS COMPLETE.
- DEMOLISH (E) WALK-IN COOLER ASSEMBLY AND ASSOCIATED PIPING AND EQUIPMENT AND PREP FOR NEW WALK-IN UNIT. REFER TO KITCHEN DRAWINGS.
- DEMOLISH (E) FLOOR SINK. SAW-CUT FLOOR AS NECESSARY FOR NEW WORK. REFER TO PLUMBING DRAWINGS.
- DEMOLISH (E) PREP SINK AND ASSOCIATED S/S COUNTERTOP ASSEMBLY. PREP FOR NEW PREP SINK. REFER TO PLUMBING DRAWINGS.
- DEMOLISH (E) PREP BOARD ASSEMBLY.
- DEMOLISH (E) PREP SINK, S/S COUNTERTOP ASSEMBLY, AND ASSOCIATED PLUMBING CUT / CAP PLUMBING. REFER TO PLUMBING DRAWINGS.
- DEMOLISH (E) S/S COUNTERTOP ASSEMBLY.
- REMOVE / DISCONNECT / SALVAGE (E) 3-COMP SINK ASSEMBLY FOR REINSTALLATION AFTER FLOORING IS COMPLETE. REFER TO PLUMBING AND KITCHEN DRAWINGS.
- REMOVE WALL FINISHES AND SUBSTRATE AS NECESSARY FOR NEW WORK WITHIN WALLS. REFER TO PLUMBING AND ELECTRICAL DRAWINGS.
- DISCONNECT / DEMOLISH (E) KITCHEN EQUIPMENT. CUT / CAP AND ABANDON ASSOCIATED PLUMBING AND ELECTRICAL. REFER TO PLUMBING AND ELECTRICAL DRAWINGS.
- DEMOLISH (E) SINK ASSEMBLY. CUT / CAP PLUMBING. REFER TO PLUMBING DRAWINGS.
- REMOVE / SALVAGE (E) OH COUNTER DOOR ASSEMBLY FOR REUSE.
- DEMOLISH (E) S/S HM OH DOOR FRAME. PREP OPENING FOR NEW SCHEDULED FRAME. REMOVE FINISHES AND GYP BD APPROXIMATELY 16" FROM OPENING OR TO FIRST ADJACENT STUD FOR SCHEDULED WORK AND PREP FOR FUTURE HM CASED OPENING INSTALLATION.
- CUT SILL OF (E) OH DOOR SERVICE OPENING TO BE APPROXIMATELY ~3" LOWER THAN EXISTING. COORDINATE REQUIRED HEIGHT WITH NEW S/S PASS-THRU SERVICE COUNTERTOP. FINAL FINISH COUNTERTOP HEIGHT TO BE @ 34" AFF. MAX.
- DEMOLISH FRP WALL FINISH BEHIND AND ADJACENT TO THE 3-COMP SINK. PROTECT GYP BD SUBSTRATE. DETACH / SALVAGE (E) CHEMICAL DISPENSER ACCESSORIES FOR REINSTALLATION AFTER NEW WORK IS COMPLETE.
- DISCONNECT / SALVAGE (E) KITCHEN EQUIPMENT FOR REINSTALLATION AFTER WORK IS COMPLETE. REFER TO KITCHEN PLANS.
- DEMOLISH (E) INTERIOR GREASE-WASTE INTERCEPTOR. REFER TO MECHANICAL DRAWINGS.
- DEMOLISH / CUT / CAP / ABANDON GAS PIPING. REFER TO PLUMBING.
- DEMOLISH ALL (E) QUARRY TILE FLOORING, QUARRY TILE BASE, AND (E) MORTAR BED, TYP. PROTECT (E) S.O.G. TO REMAIN AND (E) WALL SUBSTRATE TO REMAIN, U.O.N. TYP.
- DEMOLISH (E) COAT HOOK ASSEMBLY.
- NEW FLOOR DRAIN. REFER TO PLUMBING. MAINTAIN POSITIVE DRAINAGE TO NEW DRAIN AT APPROXIMATELY 3'-6" RADIUS FROM DRAIN. 2% MAX SLOPE.
- REINSTALL SALVAGED 3-COMP SINK. REVISED WASTE TO NEW FLOOR SINK. REFER TO PLUMBING.
- PROVIDE NEW S/S HM FRAME / CASED OPENING W/2" JAMBS AND 4" HEAD. VERIFY THROAT DEPTH REQUIRED TO FIT PATCH-BACK GYP BD EXTENSION AND SCHEDULED WALL FINISHES WITHIN THROAT, TYP.
- REINSTALL SALVAGED OH DOOR ASSEMBLY, TYP.
- NEW INSULATED WALK-IN COOLER ASSEMBLY. PROVIDE FLOORING AND BASE PER SCHEDULE. REFER TO KITCHEN DRAWINGS, MECHANICAL DRAWINGS AND ELECTRICAL DRAWINGS.
- CUSTOM FABRICATED S/S TRANSACTION COUNTER TOP AT OH DOOR OPENING. LENGTH TO ALIGN WITH OUTSIDE EDGES OF HM FRAME ABOVE. OVERHANG COUNTER TOP 2" FROM FINISH FACE OF WALL ON BOTH SIDES. PROVIDE CLOSED FULLY WELDED RETURN ON BOTTOM AND ENDS, TYP.
- CUSTOM FABRICATED S/S TRANSACTION COUNTER TOP INTEGRAL WITH SERVING LINE AT OH DOOR OPENINGS. OVERALL LENGTH AT EXTERIOR TO ALIGN WITH OUTSIDE EDGES OF HM FRAME ABOVE. OVERHANG COUNTER TOP 2" FROM FINISH FACE OF WALL ON FRONT AND PROVIDE CLOSED FULLY WELDED RETURNS ON BOTTOM AND ENDS. REFER TO KITCHEN DRAWINGS.
- KITCHEN EQUIPMENT. REFER TO KITCHEN DRAWINGS, PLUMBING DRAWINGS, AND ELECTRICAL DRAWINGS.
- NEW MOP SINK. REFER TO PLUMBING DRAWINGS.
- RESET SALVAGED TOILET ATOP NEW FLOORING.
- (E) ADA-COMPLIANT TOILET ROOM.
- REPLACED CONCRETE SLAB. REFER TO SITE PLAN. REFER TO CIVIL.
- FULL-HT 4" x 4" x 18 GAUGE STAINLESS STEEL BENT PLATE CLOSURE BETWEEN NEW WALK-IN ASSEMBLY AND ADJACENT WALLS. REFER TO KITCHEN DRAWING FS6.1.
- NEW FULL-HT FRP WALL PANELING BEHIND AND ADJACENT TO 3-COMP SINK. EXTEND TO PASS-THRU OPENING JAMB.
- 1x8x4" POPLAR WALL TRIM SET AT 5' AFF. ANCHOR TO STUDS WITH (2) #8 x 3" WOOD SCREWS EACH STUD. PROVIDE COAT HOOKS AT 8" O.C. SIMILAR TO EXISTING COAT HOOKS DEMOLISHED. FILL HOLES. PAINT.
- NEW SELF-COMPENSATING TYPE 1 ANSUL HOOD ABOVE. REFER TO SHEET FS8.3 FOR SUPPORT.
- 1" THICK MINERAL ROCKWOOL INSULATED S/S WALL LINER ASSEMBLY FULL-LENGTH OF NEW FRAMED WALL. REFER TO DETAIL T/FS8.1
- DEMOLISH (E) BUILT-IN SHELVING. PROTECT (E) GYP BD SUBSTRATE TO REMAIN.
- NEW FRAMED FULL-HT 2x6 WALL OVER 6" CONC. CURB. REFER TO STRUCTURAL.



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ARCHITECT: \_\_\_\_\_ CONSULTANT: \_\_\_\_\_

CONSULTANT: \_\_\_\_\_

PROJECT NAME:

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 6254 13TH STREET  
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**CAMPUS RENEWAL**

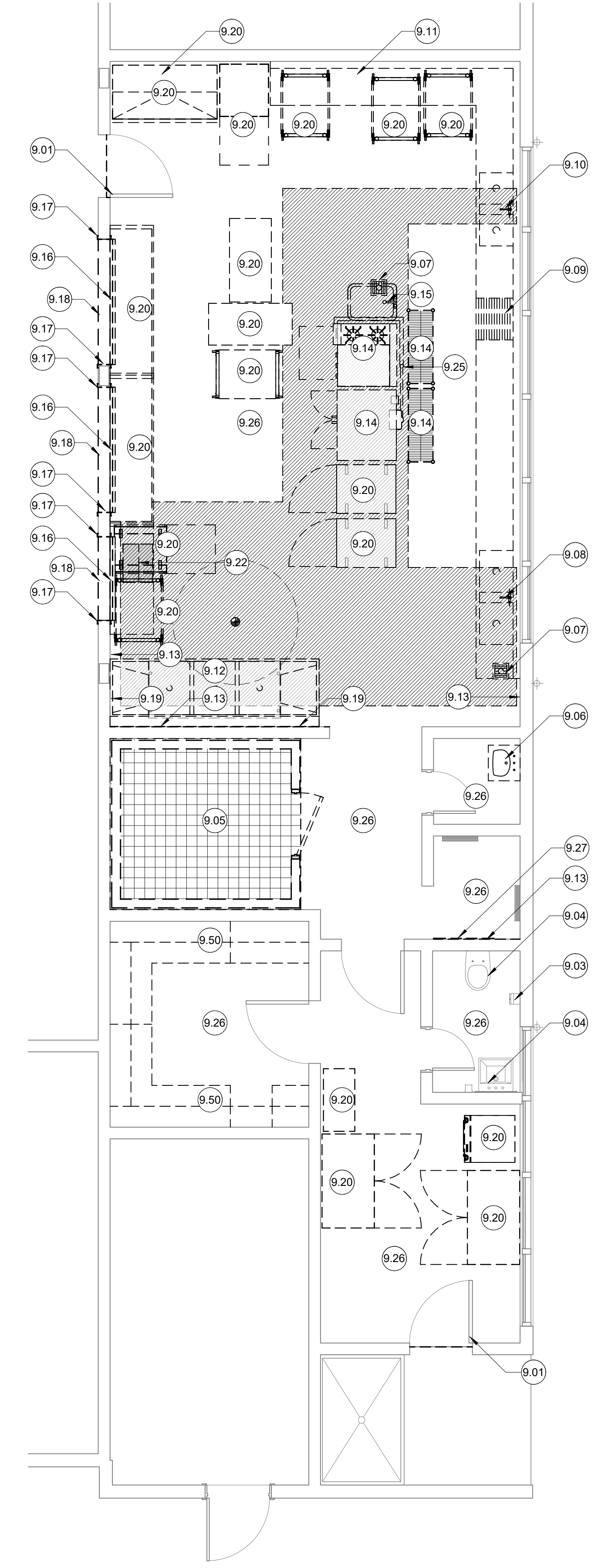
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SACRAMENTO COUNTY

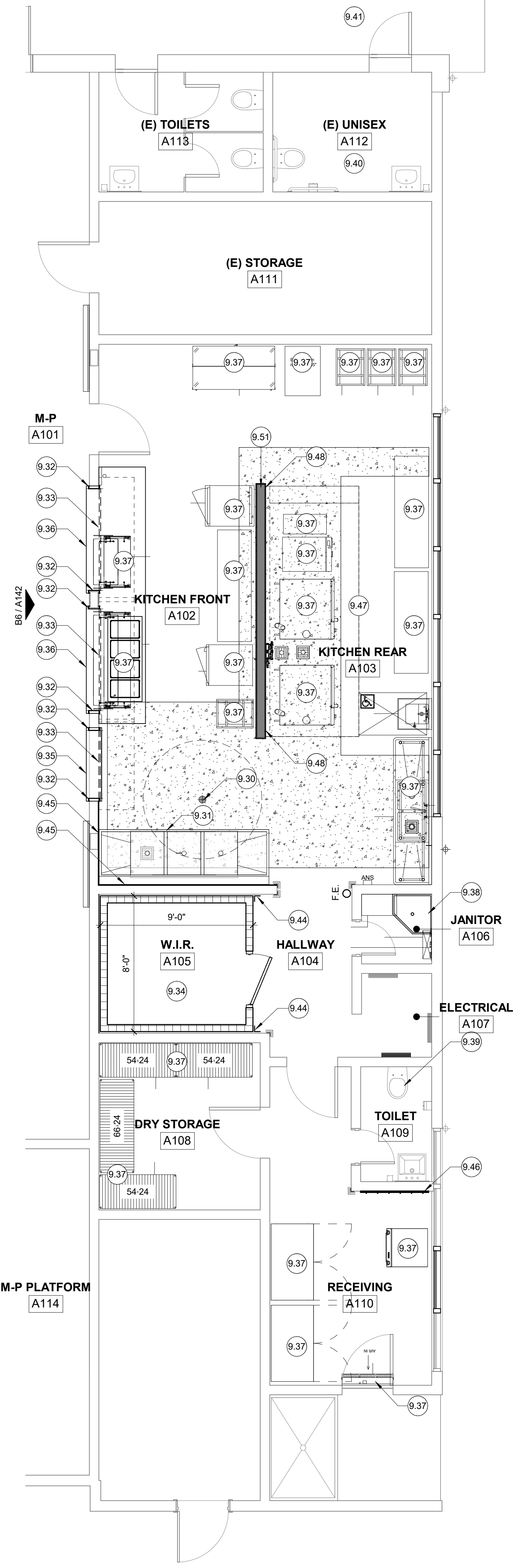
KEY PLAN:

↑ SHEET TITLE:  
**KITCHEN ELECTRIFICATION ENLARGED PLANS - BID ALTERNATE**

JOB NUMBER: \_\_\_\_\_ SHEET NUMBER:  
 DATE: JAN 5, 2024  
 REVISION: \_\_\_\_\_ **A141**



**E6 ENLARGED KITCHEN PLAN - DEMOLITION**  
 1/4" = 1'-0"



**E3 ENLARGED KITCHEN PLAN - NEW**  
 1/4" = 1'-0"

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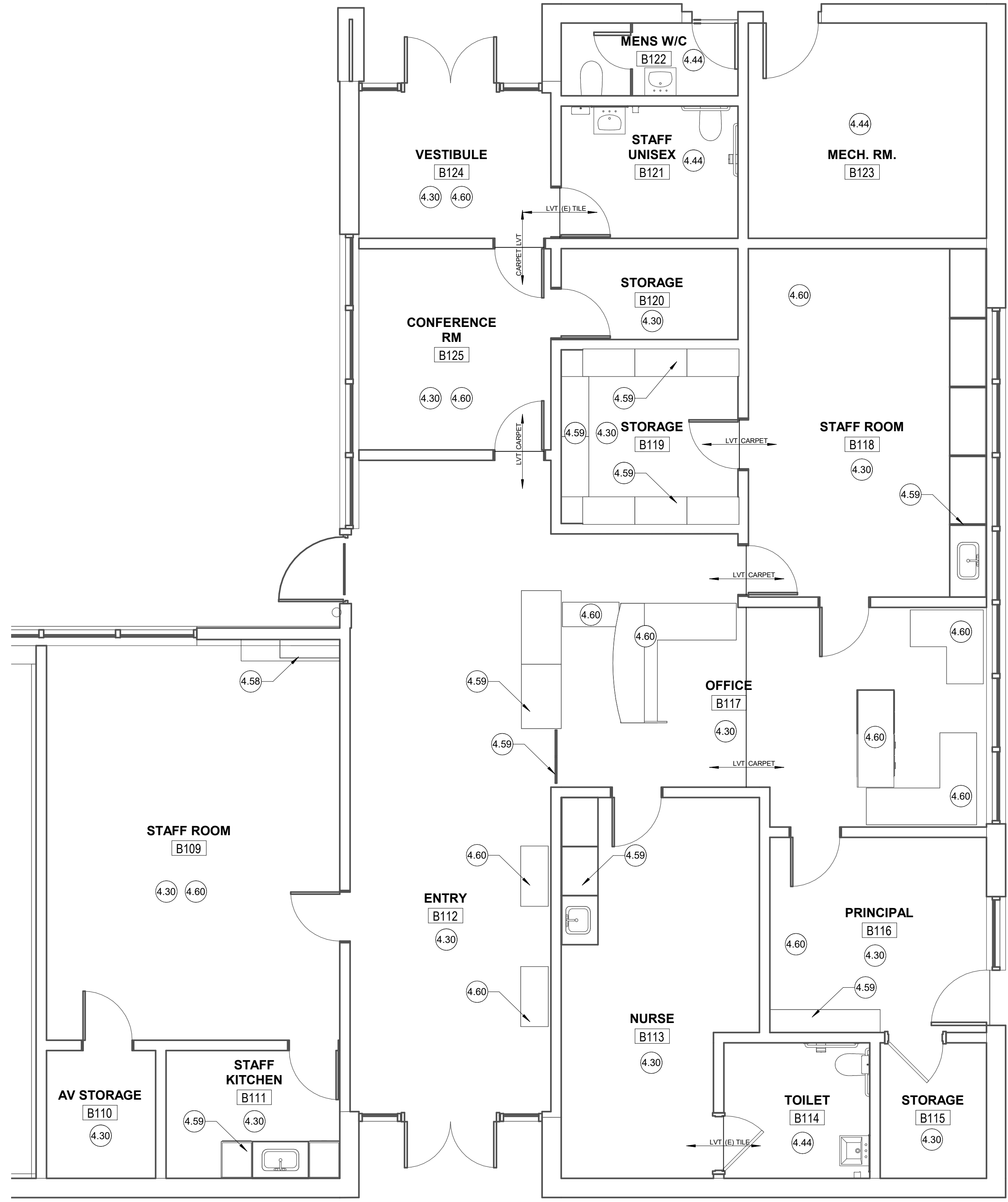






ROOM FINISH SCHEDULE - ADMIN										
ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CEILING FINISH	REMARKS	ROOM #
				NORTH	EAST	SOUTH	WEST			
LEVEL 1										
B109	STAFF ROOM	F2	B1	W1	W1	W1	W1	C2		B109
B110	AV STORAGE	F2	B1	W1	W1	W1	W1	C2		B110
B111	STAFF KITCHEN	F2	B1	W1	W1	W1	W1	C2		B111
B112	ENTRY	F2	B1	W1	W1	W1	W1	C2		B112
B113	NURSE	F2	B1	W1	W1	W1	W1	C2		B113
B114	TOILET	F3	B3	W3	W3	W3	W3	C3		B114
B115	STORAGE	F6	B1	W1	W1	W1	W1	C2		B115
B116	PRINCIPAL	F6	B1	W6	W6	W6	W6	C2		B116
B117	OFFICE	F1	B1	W1	W1	W1	W1	C2		B117
B118	STAFF ROOM	F6	B1	W1	W1	W1	W1	C2		B118
B119	STORAGE	F2	B1	W1	W1	W1	W1	C6		B119
B120	STORAGE	F6	B1	W1	W1	W1	W1	C6		B120
B121	STAFF UNISEX	F3	B3	W3	W3	W3	W3	C3		B121
B122	MENS W/C	F3	B3	W3	W3	W3	W3	C3		B122
B123	MECH. RM.	F3	B3	W4	W4	W4	W4	C6		B123
B124	VESTIBULE	F2	B1	W1	W1	W1	W1	C2		B124
B125	CONFERENCE RM	F6	B1	W1	W1	W1	W1	C2		B125

FINISH SCHEDULE LEGEND			
FLOORING	BASE	WALLS	CEILING
F1 CARPET / LVT (TRANSITION LOCATIONS SHOWN IN PLAN)	B1 4" RUBBER BASE	W1 (E) PAINTED WALLS TO BE PREPPED AND RE-PAINTED	C1 (E) SUSPENDED CEILING ASSEMBLY TO REMAIN. REPLACE DAMAGED PANELS, TYP. (BID QTY NOTED IN R.C.P.) PAINT (E) GYP. BD. TO REMAIN.
F2 LVT	B2 6" RUBBER BASE	W2 8'-0" FRL WALL PANELS UP TO BOTTOM OF (E) WOOD TRIM AT -7'-2" (WHERE APPLICABLE) (E) PAINT ABOVE FRL / (E) TRIM TO REMAIN.	C2 REPLACEMENT LAY-IN ACOUSTICAL PANELS WITHIN (E) GRID TO REMAIN.
F3 (E) TO REMAIN	B3 (E) TO REMAIN	W3 (E) TILE TO REMAIN. EPOXY-PAINT ABOVE (E) TILE AT EXISTING GYP. BD., TYP.	C3 EPOXY-PAINT EXISTING GYP. BD.
F4 URETHANE QUARTZ SLURRY O' SINGLE-COMPONENT MODIFIED CEMENT BED	B4 6" INTEGRAL TROWELED COVERED-EPOXY BASE	W4 (E) TO REMAIN	C4 EPOXY-PAINT GYP. BD. PATCH / REPAIR GYP. BD. AS REQUIRED.
F5 REFINISH (E) NATURAL WOOD FLOOR ASSEMBLY	B5 4" VENTED RUBBER BASE	W5 EPOXY-PAINT (E) GYP. BD. PATCH / REPAIR GYP. BD. AS REQUIRED	C5 PAINT (E) GYP. BD.
F6 CARPET		W6 (E) TO REMAIN	C6 (E) TO REMAIN
		W7 FRP WALL PANEL ASSEMBLY	C7 PRE-FABRICATED INSULATED COOLER ASSEMBLY
		W8 STAINLESS STEEL WALL PANEL ASSEMBLY O' GYP. BD.	
		W9 EPOXY PAINT GYP. BD.	
		W10 PRE-FABRICATED INSULATED COOLER ASSEMBLY	



1 ENLARGED ADMIN AREA FLOOR PLAN  
1/4" = 1'-0"

GENERAL NOTES

- PLANS ARE GENERAL AND DO NOT REPRESENT EXACT CONDITIONS ON SITE. PLANS DO NOT HAVE EXTENSIVE DETAILS AND DO NOT REPRESENT EVERY ASPECT OF EXISTING CONDITIONS FOR WORK NECESSARY TO PERFORM THE INTENDED SCOPE.
- CONTRACTOR SHALL VISIT EACH ROOM ASSOCIATED WITH THE SCOPE OF WORK TO BE FAMILIAR WITH THE WORK THAT WILL BE NECESSARY TO BE PERFORMED AT EACH CLASSROOM PRIOR TO BID.
- ALL INTERIOR PAINTED SURFACES IN CLASSROOMS NOTED SHALL BE PREPPED AND RE-PAINTED, TYP. (EXISTING PAINT AT UPPER WALLS OF THE MULTI-PURPOSE ROOM TO REMAIN) PROVIDE DIFFERENT CUSTOM PAINT COLORS FOR CLASSROOMS OF EACH DIFFERENT GRADE LEVEL.
- REFER TO ENLARGED PLANS FOR SCOPE OF WORK IN AREAS WITHIN ENLARGED PLAN CALLOUT BUBBLES.
- EXTERIOR OF ALL (E) CAMPUS BUILDING PAINTED SURFACES TO BE PREPPED, PRIMED, AND RE-PAINTED PER SPECS. CONTRACTOR SHALL USE CAUTION TO NOT PAINT OR GET PAINT ON (E) UNPAINTED SURFACES (i.e. BRICK, CONCRETE, ALUMINUM, GLASS, PRE-FINISHED METAL, ETC.)

LEGEND

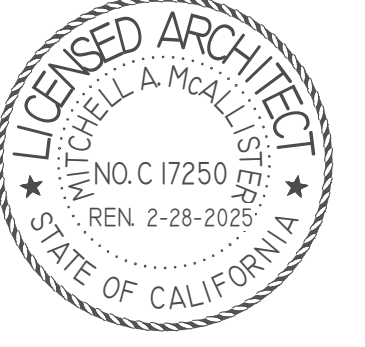
- (E) WALLS, FIXTURES, AND COMPONENTS TO REMAIN. REFER TO KEYED NOTES.
- NEW FIXTURES, COMPONENTS, AND ACCESSORIES. REFER TO KEYED NOTES AND INTERIOR ELEVATIONS.
- PREP / SAND AND REFINISH (E) NATURAL WOOD RAISED PLATFORM FLOORING AND STAIRWAY ASSEMBLY.
- KEYED NOTE TAG. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS WITHOUT LEADER APPLIES TO THE ENTIRE ROOM OR SURFACE IN WHICH (ON WHICH) THE TAG IS LOCATED. KEYED NOTES MAY SKIP NUMBERS.

KEYED NOTES

- 4.30 COMPLETELY REMOVE AND REPLACE ALL EXISTING VCT FLOORING, CARPET FLOORING, AND RUBBER BASE. CLEAN AND PREP FOR NEW FLOORING TO BE INSTALLED. REFER TO FINISH SCHEDULE FOR WALL AND FLOOR FINISHES. FLOORING AREAS AND FLOORING TRANSITIONS TO MATCH EXISTING. U.O.N.
- 4.44 (E) SPACE N.I.C. U.O.N.
- 4.58 BUILT-IN (E) HVAC ENCLOSURE TO REMAIN, TYP.
- 4.59 BUILT-IN (E) CASEWORK TO REMAIN, U.O.N.
- 4.60 UN-FIXED OFFICE FURNITURE AND EQUIPMENT TO BE TAGGED, REMOVED, SALVAGED, STORED, AND REINSTALLED AFTER NEW FLOORING, NEW BASE, PAINT, AND CEILING WORK IS COMPLETE. ALL FIXED CASEWORK TO REMAIN.



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CONSULTANT:

PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
6254 13TH STREET  
SACRAMENTO, CA 95831

CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:	
SHEET TITLE: <b>ENLARGED ADMINISTRATION AREA PLAN</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>A143</b>
REVISION:	





1 OVERALL CAMPUS ROOF DEMOLITION PLAN  
1/16" = 1'-0"

GENERAL NOTES

1. ALL COMPONENTS, FIXTURES, FINISHES, EQUIPMENT, AND FURNISHINGS EXISTING TO REMAIN SHALL BE PROTECTED FROM DUST OR DAMAGE DURING DEMOLITION AND REMODEL.
2. CONTRACTOR SHALL PROTECT AND MAINTAIN FUNCTION OF ALL (E) EQUIPMENT AND UTILITIES WHICH ARE TO REMAIN DURING THE COURSE OF THE PROJECT. ANY REQUIRED SHUT-DOWN SHALL BE COORDINATED WITH THE DISTRICT IN ADVANCE.
3. PLANS DO NOT REPRESENT EXACT EXISTING CONDITIONS ON SITE. PLANS DO NOT HAVE EXTENSIVE DETAILS AND DO NOT REPRESENT EVERY EXISTING COMPONENT OR EVERY ASPECT OF WORK WHICH WILL BE NECESSARY TO PERFORM THE NOTED SCOPE OF WORK.

LEGEND

- REMOVE EXISTING BUILT-UP ROOFING ASSEMBLY TO DECK. REMOVE ALL DRIP-EDGE FLASHING MATERIAL. REMOVE ALL GUTTERS. PROTECT (E) DOWNSPOUTS. REMOVE UNDERLAYMENT AND RIGID INSULATION WHERE APPLICABLE.
- (E) PIPING AND CONDUITS AND EXISTING SUPPORTS AND FLASHING. DETACH AND TEMPORARILY SUPPORT AS NECESSARY TO PERFORM WORK. REPLACE FLASHING IF DAMAGED. NOT ALL PIPING / CONDUITS ARE SHOWN.
- REMOVE (E) FLASHING FROM AND CLEAN (E) ROOFING PENETRATIONS TO RECEIVE NEW FLASHING. NOT ALL PENETRATIONS ARE SHOWN.
- (E) EXHAUST VENT. REMOVE AS NECESSARY TO EXTEND CURB AND MAINTAIN 6" CURB HEIGHT.
- (E) EQUIPMENT. REMOVE / REPLACE COMPONENTS AS NECESSARY TO ENSURE NEW SINGLE-PLY ROOFING MEMBRANE EXTENDS UNDER FLASHING TO FULL HEIGHT OF CURB.
- INDICATES IMAGE NUMBER FOR CORRESPONDING PHOTOGRAPH VIEW ON REFERENCED SHEET NUMBER.

KEYED NOTES

- 1.00
- .87 (E) ROOFING TO REMAIN. N.I.C.
  - .88 DEMOLISH (E) DRIP EDGE WHERE ROOFING IS REMOVED, TYP.
  - .89 DEMOLISH (E) GUTTER AND DRIP EDGE WHERE ROOFING IS REMOVED, TYP.
  - .90 EXISTING ROOFTOP HVAC UNIT VANDAL-RESISTANT ENCLOSURE TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW ROOFING IS COMPLETED UNDERNEATH (E) CURB FLASHING.
  - .91 DEMOLISH (E) KITCHEN EXHAUST FAN.
  - 5.15 (E) DRIP EDGE / FASCIA TO REMAIN. U.O.N. PAINT.
  - 5.17 (E) ROOFING AT HIGH GYM ROOF TO REMAIN.
  - 5.18 (E) CONDUIT AND PIPING AND SUPPORTS TO REMAIN, TYP. REMOVE BRACKETS AND REINSTALL AS REQUIRED IN ORDER TO PERFORM SCHEDULED ROOFING WORK BELOW, TYP.
  - 5.19 (E) GUTTERS, DRIP EDGE / FLASHING AT HIGH GYM ROOF TO REMAIN. PAINT.
  - 5.20 APPROXIMATELY 16' OF (E) DRY-ROTTED FASCIA BOARD TO BE REPLACED.
  - 5.26 (E) ROOFTOP HVAC UNIT TO REMAIN.
  - 5.27 (E) EXPOSED PAINTED DUCTWORK AT ROOFTOPS TO REMAIN IN PLACE, U.O.N. PAINT, TYP.



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**CAMPUS RENEWAL**  
  
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:

↑

SHEET TITLE:  
**OVERALL CAMPUS ROOF DEMOLITION PLANS**

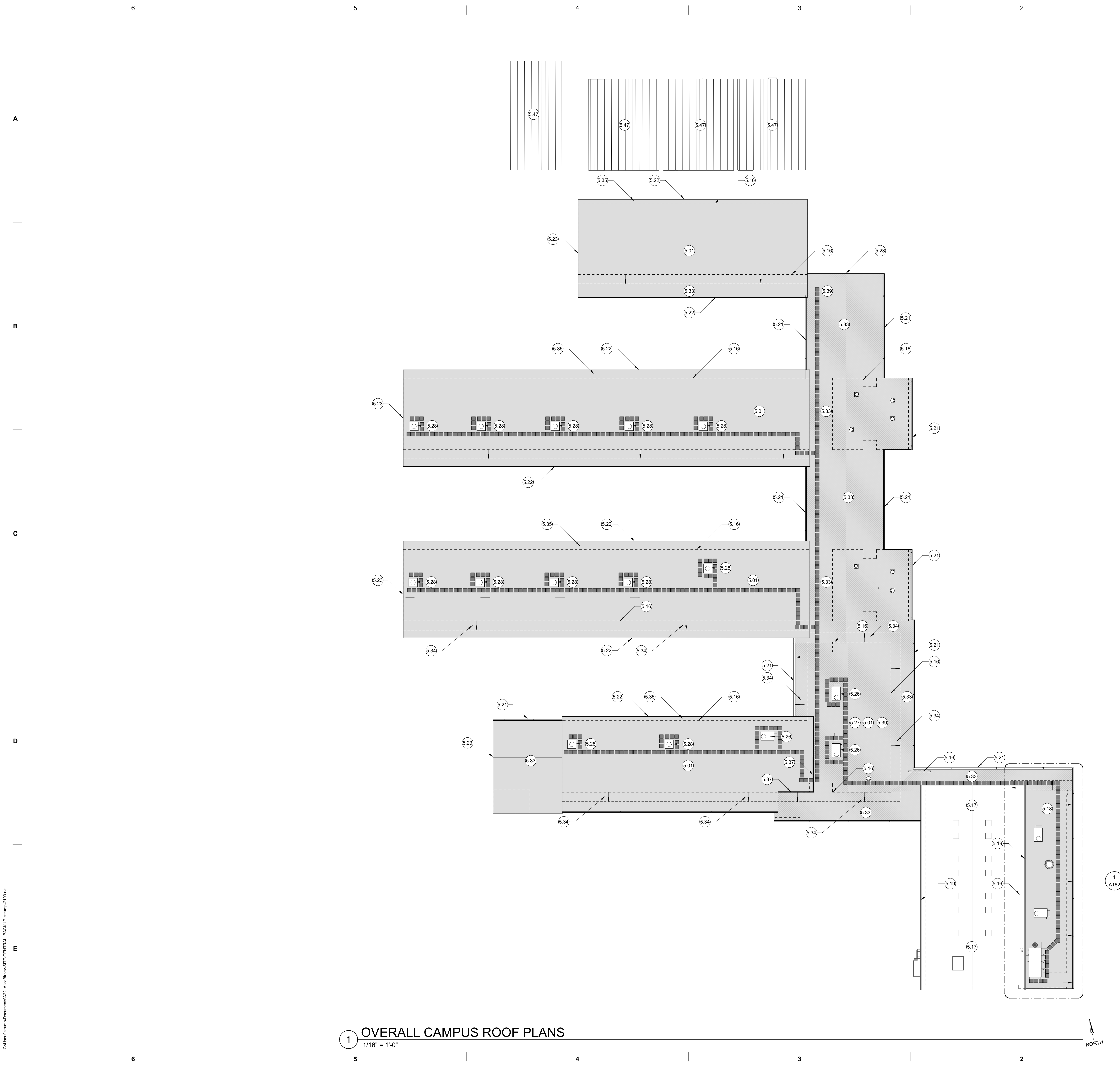
JOB NUMBER: SHEET NUMBER:  
**A160**

DATE:  
JAN 5, 2024

REVISION:

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### GENERAL NOTES

1. ROOF PLANS DO NOT REPRESENT EXACT EXISTING CONDITIONS ON SITE. ROOF PLANS DO NOT HAVE EXTENSIVE DETAILS AND DO NOT REPRESENT EVERY ASPECT OF WORK NECESSARY TO PERFORM THE INTENDED SCOPE OF WORK NOTED.
2. CONTRACTOR SHALL VISIT EACH ROOF ASSOCIATED WITH THE SCOPE OF WORK PRIOR TO BID IN ORDER TO BE FAMILIAR WITH THE WORK THAT WILL BE NECESSARY IN ORDER TO COMPLETE THE NOTED SCOPE.
3. PROVIDE 1-1/2" RIGID INSULATION ATOP ALL CONDITIONED SPACES. USE TAPERED INSULATION EXTENDING APPROXIMATELY 4' OUTSIDE OF CONDITIONED SPACES TAPERING FROM 1-1/2" TO 0". FROM THAT POINT, RIGID INSULATION IS NOT REQUIRED OVER UNCONDITIONED SPACES.
4. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

### LEGEND

- NEW CLASS 'A' SINGLE-PLY ROOFING ASSEMBLY. PROVIDE 1-1/2" RIGID INSULATION ATOP CONDITIONED SPACES. TYP. U.O.N. PROVIDE TAPERED INSULATION EXTENDING APPROXIMATELY 4' OUTSIDE OF CONDITIONED SPACES TAPERING FROM 1-1/2" TO 0". RIGID INSULATION IS NOT REQUIRED OVER UNCONDITIONED SPACES.
- DOWN SLOPE OF TAPERED INSULATION OR CRICKET.
- PROVIDE NEW PIPE BOOT AND FLASHING AT ALL (E) ROOF PENETRATIONS. TYP. PROVIDE EXTENSIONS AS NECESSARY TO MAINTAIN 12" HEIGHT ABOVE NEW TOP OF ROOFING. TYP. NOT ALL PENETRATIONS ARE SHOWN.
- (E) EXHAUST VENT. REMOVE AS NECESSARY TO EXEND NEW SINGLE-PLY ROOFING MEMBRANE UNDER FLASHING TO FULL HEIGHT OF CURB. REPLACE FLASHING IF DAMAGED.
- FULLY-ADHERED ROOF WALKWAY PAD. SEE SPECIFICATIONS FOR WALKWAY PROTECTION. LOCATION SHOWN IS GENERAL FOR INTENT OF PATHWAY. WALKWAY LOCATION MAY BE SHIFTED / RELOCATED AS NECESSARY TO WORK BEST AND AVOID OBSTACLES AND STILL MEET DESIGN INTENT.
- (E) EQUIPMENT TO REMAIN. NEW SINGLE-PLY ROOFING MEMBRANE SHALL EXTEND UNDER FLASHING TO FULL HEIGHT OF CURB. REPLACE FLASHING IF DAMAGED.

### KEYED NOTES

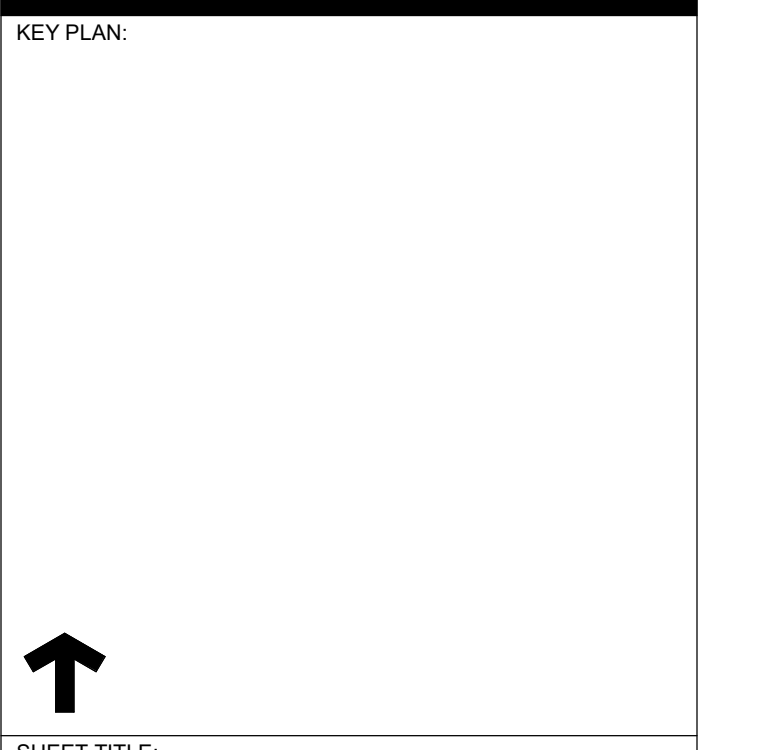
- 5.01 PROVIDE NEW CLASS 'A' SINGLE-PLY ROOFING ASSEMBLY OVER 1-1/2" RIGID INSULATION. TYP.
- 5.16 BUILDING WALL / PERIMETER BELOW. TYP.
- 5.17 (E) ROOFING AT HIGH GYM ROOF TO REMAIN.
- 5.18 (E) CONDUIT AND PIPING AND SUPPORTS TO REMAIN. TYP. REMOVE BRACKETS AND REINSTALL AS REQUIRED IN ORDER TO PERFORM SCHEDULED ROOFING WORK BELOW. TYP.
- 5.19 (E) GUTTERS, DRIP EDGE / FLASHING AT HIGH GYM ROOF TO REMAIN. PAINT.
- 5.21 NEW GUTTER AND DRIP EDGE ASSEMBLY. PAINT. COORDINATE SLOPE AND DOWNSPOUT PENETRATIONS / CONNECTIONS WITH EXISTING DOWNSPOUTS.
- 5.22 NEW DRIP EDGE ASSEMBLY. TYP. PAINT.
- 5.23 NEW GRAVEL-STOP DRIP EDGE ASSEMBLY AT RAKE. TYP. PAINT.
- 5.26 (E) ROOFTOP HVAC UNIT TO REMAIN.
- 5.27 (E) EXPOSED PAINTED DUCTWORK AT ROOFTOPS TO REMAIN IN PLACE, U.O.N. PAINT. TYP.
- 5.28 EXISTING ROOFTOP HVAC UNIT WITH METAL VANDAL-RESISTANT ENCLOSURE. ENCLOSURE TO BE REMOVED AND REINSTALLED AFTER NEW ROOFING IS COMPLETED.
- 5.33 NO RIGID INSULATION OVER THE OUTDOOR COVERED WALKWAYS OTHER THAN 4' OF TAPERED RIGID TRANSITION.
- 5.34 TAPERED RIGID INSULATION FROM 1-1/2" TO 0" OVER 4'.
- 5.35 DO NOT TAPER INSULATION AT UPWARD SLOPE OF ROOF. MAINTAIN 1-1/2" THICK ALL THE WAY TO THE PEAK OF THE SHED ROOF. TYP.
- 5.37 PRE-PRIMED 2x12 FASCIA BOARD REPLACEMENT. SIZE TO MATCH (E). RIPPED EDGE TO BE LOCATED ON TOP COVERED BY DRIP EDGE.
- 5.39 ALL EXPOSED CONDUIT AND PIPING SHALL BE PAINTED.
- 5.47 (E) MODULAR ROOFS TO REMAIN. N.I.C.



PROJECT NAME:  
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### CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
 5735 47TH AVENUE  
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 SACRAMENTO COUNTY

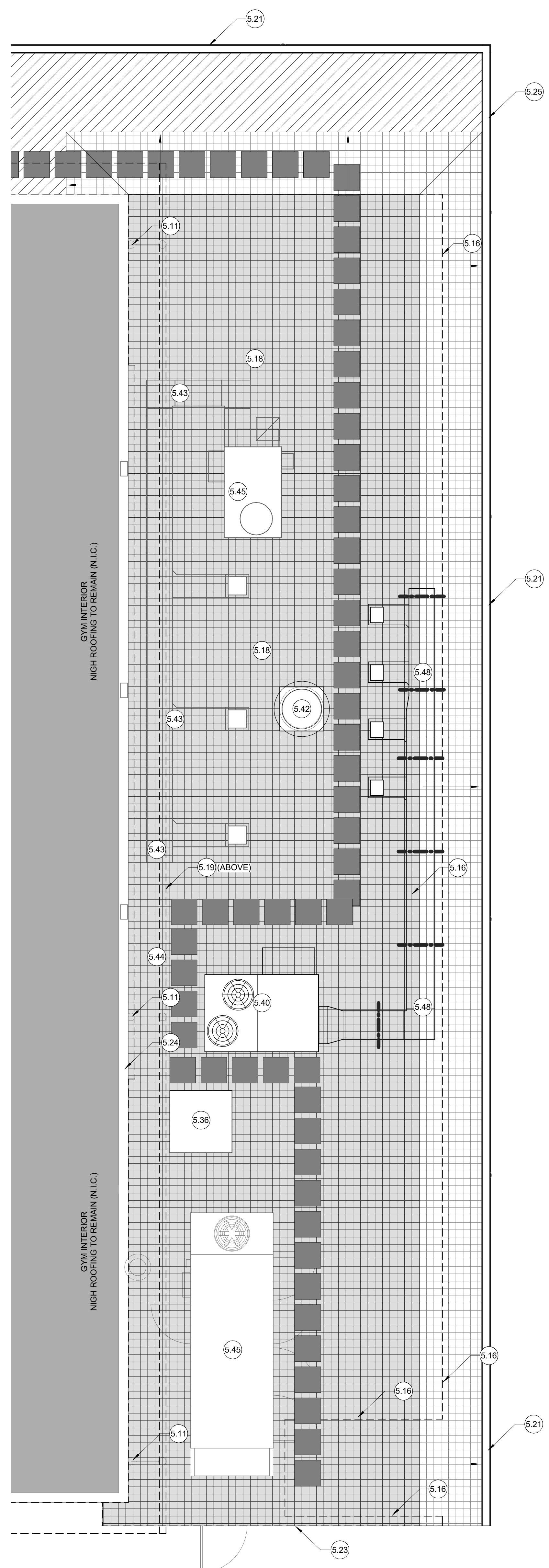


SHEET TITLE: <b>OVERALL CAMPUS ROOF PLANS</b>	
JOB NUMBER:	SHEET NUMBER: <b>A161</b>
DATE: JAN 5, 2024	
REVISION:	

**1 OVERALL CAMPUS ROOF PLANS**  
 1/16" = 1'-0"

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### GENERAL NOTES

1. PLAN INDICATES MAJOR ROOF PENETRATIONS. THIS DOES NOT REPRESENT ALL PENETRATIONS BY ALL UTILITIES. COORDINATE ALL PENETRATIONS WITH ALL DISCIPLINES.
2. CRICKET RIDGES TO RUN FLAT. CRICKETS TO BE SLOPED AT 1/2" PER FOOT U.N.O. CRICKETS AT EQUIPMENT TO BE AS REQUIRED TO MAINTAIN 1/4" PER FOOT SLOPE MIN. EQUIPMENT LESS THAN 24" WIDE MAY HAVE A 4" CANT STRIP ONLY AND NO CRICKET. CRICKETS ARE TO BE FORMED BY PLYWOOD ON WOOD FRAMING OR TAPERED RIGID INSULATION (U.N.O.).
4. PROVIDE SEPERATION BETWEEN ALL DISSIMILAR METALS. PROVIDE SEALANT AT ALL DISSIMILAR MATERIAL CONNECTIONS.
5. MINIMUM ROOF CLASS PER CBC TABLE 15-A TO BE TYPE "A" OR ABOVE. SEE SPECIFICATIONS.
7. ALL MECHANICAL, ELECTRICAL, AND PLUMBING PENETRATIONS THROUGH ROOFING MEMBRANE SHALL HAVE PIPE BOOTS INTEGRAL TO ROOFING SYSTEM. COORDINATE WITH MECHANICAL AND ELECTRICAL.
8. (E) PIPING AND CONDUITS AND EXISTING SUPPORTS AND FLASHING TO REMAIN. U.O.N. DETACH AND TEMPORARILY SUPPORT AS NECESSARY TO PERFORM WORK. REPLACE FLASHING IF DAMAGED. NOT ALL PIPING / CONDUITS ARE SHOWN. PAINT.
9. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

### LEGEND

- NEW CLASS 'A' SINGLE-PLY ASSEMBLY OVER 1-1/2" RIGID INSULATION OVER (E) STRUCTURE BELOW.
- NEW CLASS 'A' SINGLE-PLY ASSEMBLY OVER TAPERED INSULATION OVER (E) STRUCTURE BELOW. APPROXIMATE 4" WIDTH OF TAPERED RIGID INSULATION (TAPER FROM 1-1/2" TO ZERO / FLUSH).
- NEW CLASS 'A' SINGLE-PLY ROOFING ASSEMBLY OVER (E) STRUCTURE BELOW.
- FULLY-ADHERED ROOF WALKWAY PAD. SEE SPECIFICATIONS FOR WALKWAY PROTECTION. LOCATION SHOWN IS GENERAL FOR INTENT OF PATHWAY. WALKWAY LOCATION MAY BE SHIFTED / RELOCATED AS NECESSARY TO WORK BEST AND AVOID OBSTACLES AND STILL MEET DESIGN INTENT.
- DOWN SLOPE OF TAPERED INSULATION OR CRICKET.
- PROVIDE NEW PIPE BOOT AND FLASHING AT ALL (E) ROOF PENETRATIONS. TYP. PROVIDE EXTENSIONS AS NECESSARY TO MAINTAIN 12" HEIGHT ABOVE NEW TOP OF ROOFING. TYP. NOT ALL PENETRATIONS ARE SHOWN.
- (E) EXHAUST VENT. REMOVE AS NECESSARY TO EXEND NEW SINGLE-PLY ROOFING MEMBRANE UNDER FLASHING TO FULL HEIGHT OF CURB. REPLACE FLASHING IF DAMAGED.

### KEYED NOTES

- 5.11 (E) GUTTER TO REMAIN. TYP. PAINT.
- 5.16 BUILDING WALL / PERIMETER BELOW. TYP.
- 5.18 (E) CONDUIT AND PIPING AND SUPPORTS TO REMAIN. TYP. REMOVE BRACKETS AND REINSTALL AS REQUIRED IN ORDER TO PERFORM SCHEDULED ROOFING WORK BELOW. TYP.
- 5.19 (E) GUTTERS, DRIP EDGE / FLASHING AT HIGH GYM ROOF TO REMAIN. PAINT.
- 5.21 NEW GUTTER AND DRIP EDGE ASSEMBLY. PAINT. COORDINATE SLOPE AND DOWNSPOUT PENETRATIONS / CONNECTIONS WITH EXISTING DOWNSPOUTS.
- 5.23 NEW GRAVEL-STOP DRIP EDGE ASSEMBLY AT RAKE. TYP. PAINT.
- 5.24 ADJACENET M-P EXTERIOR WALL.
- 5.25 EXTEND NEW GUTTER ASSEMBLY TO CORNER AND CONNECT WITH ADJACENT GUTTER ASSEMBLY. PAINT.
- 5.36 CONDENSING UNIT FOR NEW W.I. REFRIGERATOR. REFER TO KITCHEN DRAWINGS. GC TO PROVIDE PLATFORM PER DETAIL C157.1 PRIOR TO RE-ROOFING WORK.
- 5.40 NEW MAKE-UP AIR UNIT. REFER TO MECHANICAL. REFER TO STRUCTURAL FOR REQUIRED ADDITIONAL STRUCTURAL SUPPORT BELOW.
- 5.42 NEW EXHAUST FAN. DEMOLISH (E). REFER TO MECHANICAL. REFER TO STRUCTURAL FOR REQUIRED ADDITIONAL STRUCTURAL SUPPORT BELOW.
- 5.43 (E) DUCTWORK TO REMAIN. PAINT. TYP.
- 5.44 DEMOLISH (E) EXHAUST FAN. PATCH-BACK ROOF SHEATHING TO MATCH (E). REFER TO STRUCTURAL.
- 5.45 (E) ROOFTOP MECHANICAL UNIT TO REMAIN.
- 5.48 NEW DUCTWORK AND DUCT SUPPORT PER MECHANICAL. PAINT.



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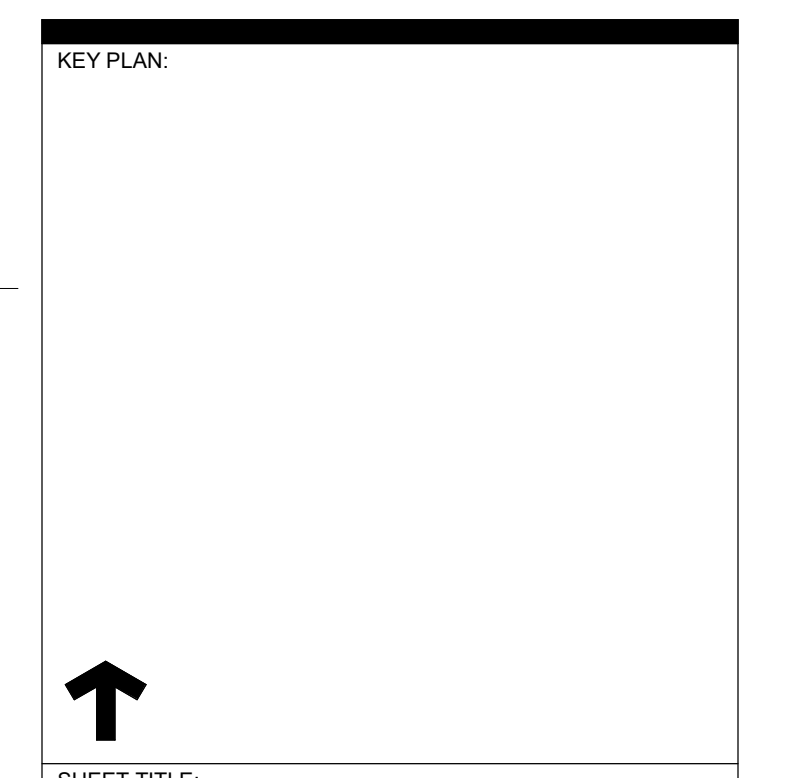
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 \_\_\_\_\_  
 CONSULTANT: \_\_\_\_\_

PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
 6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**  
 SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

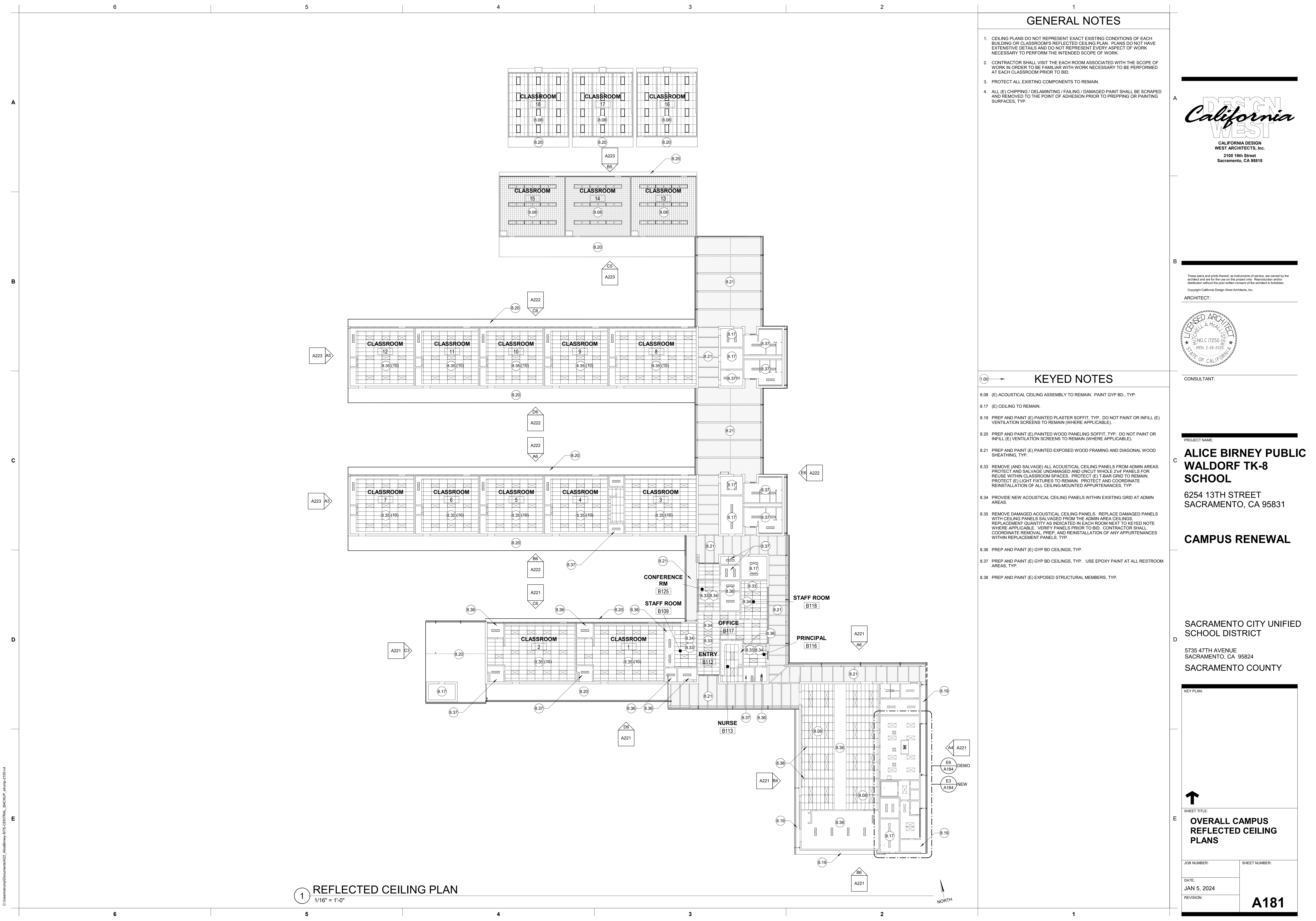
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KEY PLAN:  
 SHEET TITLE:  
**ENLARGED KITCHEN AREA ROOF PLAN**  
 JOB NUMBER: \_\_\_\_\_ SHEET NUMBER:  
 DATE:  
 JAN 5, 2024  
 REVISION:  
**A162**

**1 PARTIAL ROOF PLAN - MP BUILDING**  
 1/4" = 1'-0"





1 REFLECTED CEILING PLAN  
1/16" = 1'-0"

GENERAL NOTES

1. CEILING PLANS DO NOT REPRESENT EXACT EXISTING CONDITIONS OF EACH BUILDING OR CLASSROOM'S REFLECTED CEILING PLAN. PLANS DO NOT HAVE EXTENSIVE DETAILS AND DO NOT REPRESENT EVERY ASPECT OF WORK NECESSARY TO PERFORM THE INTENDED SCOPE OF WORK.
2. CONTRACTOR SHALL VISIT THE EACH ROOM ASSOCIATED WITH THE SCOPE OF WORK IN ORDER TO BE FAMILIAR WITH WORK NECESSARY TO BE PERFORMED AT EACH CLASSROOM PRIOR TO BID.
3. PROTECT ALL EXISTING COMPONENTS TO REMAIN.
4. ALL (E) CHIPPING / DELAMINATING / FAILING / DAMAGED PAINT SHALL BE SCRAPPED AND REMOVED TO THE POINT OF ADHESION PRIOR TO PREPPING OR PAINTING SURFACES, TYP.

KEYED NOTES

- 8.08 (E) ACOUSTICAL CEILING ASSEMBLY TO REMAIN. PAINT GYP BD., TYP.
- 8.17 (E) CEILING TO REMAIN.
- 8.19 PREP AND PAINT (E) PAINTED PLASTER SOFFIT, TYP. DO NOT PAINT OR INFILL (E) VENTILATION SCREENS TO REMAIN (WHERE APPLICABLE).
- 8.20 PREP AND PAINT (E) PAINTED WOOD PANELING SOFFIT, TYP. DO NOT PAINT OR INFILL (E) VENTILATION SCREENS TO REMAIN (WHERE APPLICABLE).
- 8.21 PREP AND PAINT (E) PAINTED EXPOSED WOOD FRAMING AND DIAGONAL WOOD SHEATHING, TYP.
- 8.33 REMOVE (AND SALVAGE) ALL ACOUSTICAL CEILING PANELS FROM ADMIN AREAS. PROTECT AND SALVAGE UNMOUNTED AND UNMOUNTED 2x4 PANELS FOR REUSE WITHIN CLASSROOM SPACES. PROTECT (E) T-BAR GRID TO REMAIN. PROTECT (E) LIGHT FIXTURES TO REMAIN. PROTECT AND COORDINATE REINSTALLATION OF ALL CEILING-MOUNTED APPURTENANCES, TYP.
- 8.34 PROVIDE NEW ACOUSTICAL CEILING PANELS WITHIN EXISTING GRID AT ADMIN AREAS.
- 8.35 REMOVE DAMAGED ACOUSTICAL CEILING PANELS. REPLACE DAMAGED PANELS WITH CEILING PANELS SALVAGED FROM THE ADMIN AREA CEILINGS. REPLACEMENT QUANTITY AS INDICATED IN EACH ROOM NEXT TO KEYED NOTE WHERE APPLICABLE. VERIFY PANELS PRIOR TO BID. CONTRACTOR SHALL COORDINATE REMOVAL, PREP AND REINSTALLATION OF ANY APPURTENANCES WITHIN REPLACEMENT PANELS, TYP.
- 8.36 PREP AND PAINT (E) GYP BD CEILINGS, TYP.
- 8.37 PREP AND PAINT (E) GYP BD CEILINGS, TYP. USE EPOXY PAINT AT ALL RESTROOM AREAS, TYP.
- 8.38 PREP AND PAINT (E) EXPOSED STRUCTURAL MEMBERS, TYP.

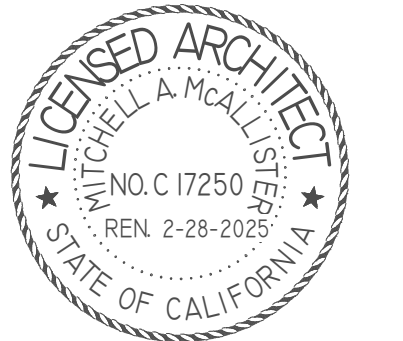


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PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
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CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:



SHEET TITLE:  
**OVERALL CAMPUS REFLECTED CEILING PLANS**

JOB NUMBER: SHEET NUMBER:

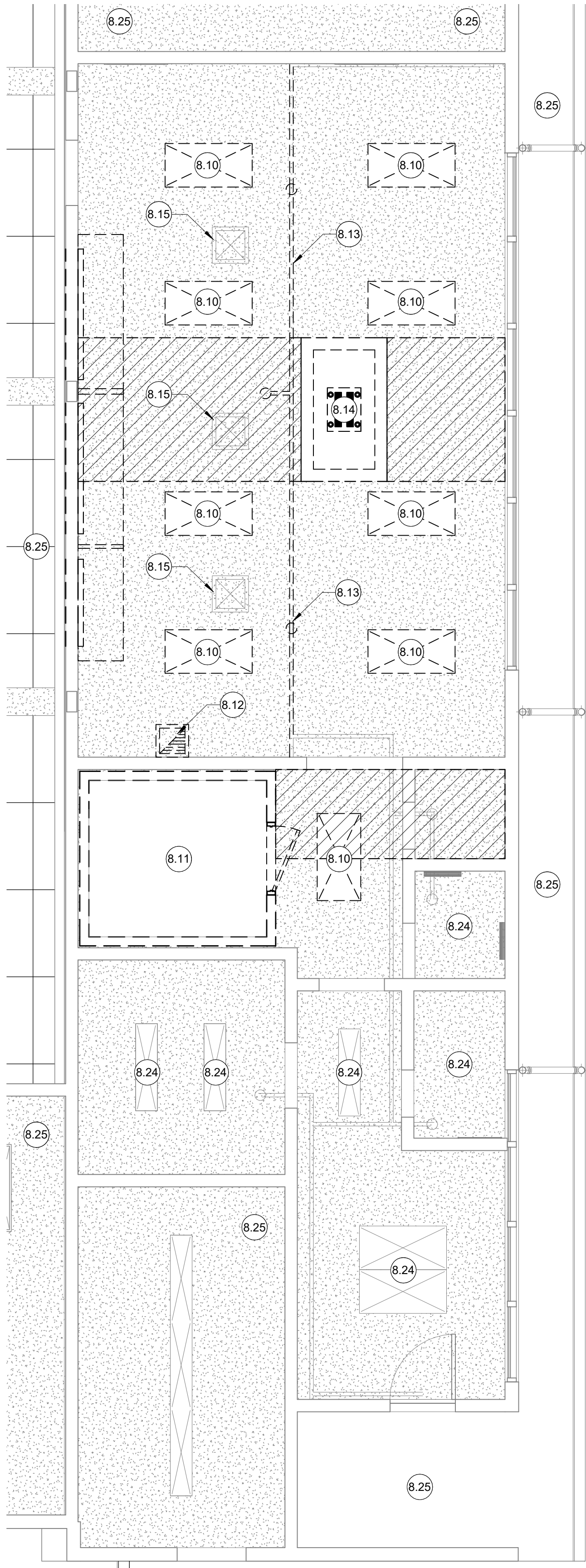
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**A181**

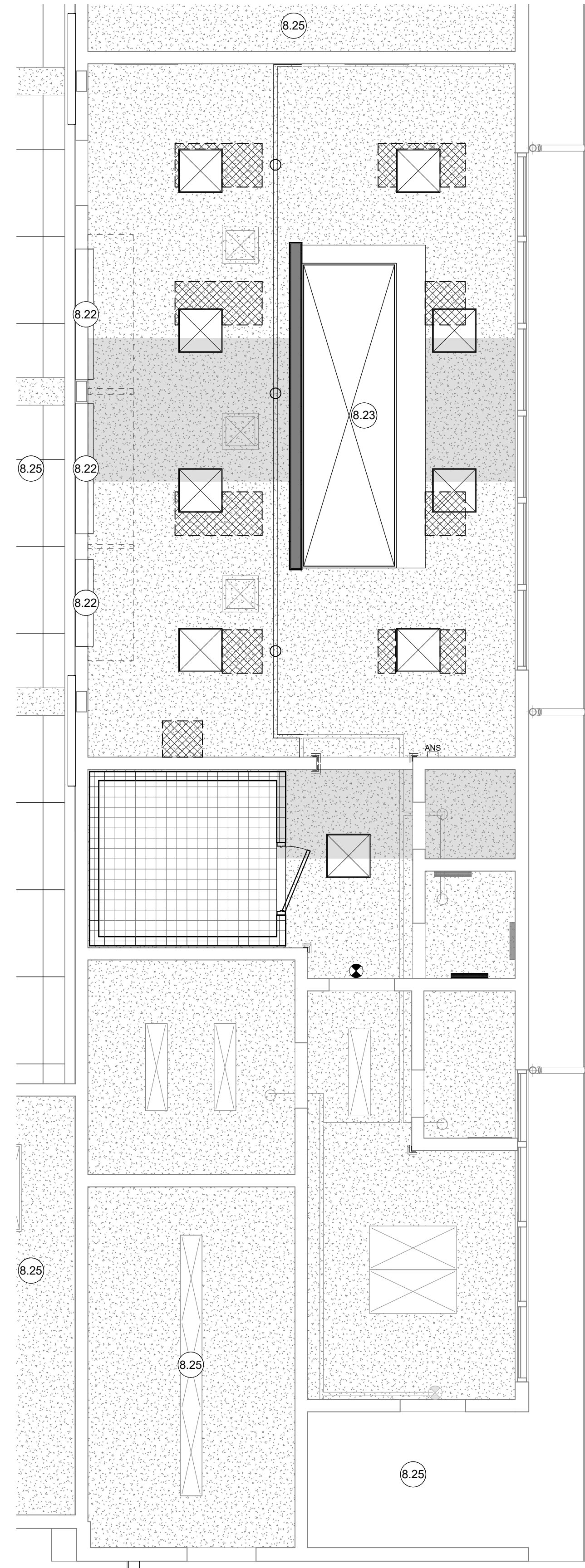


6 5 4 3 2 1

A B C D E



**E6** ENLARGED KITCHEN R.C.P. - DEMOLITION  
1/4" = 1'-0"



**E3** ENLARGED KITCHEN R.C.P. - NEW  
1/4" = 1'-0"



**GENERAL NOTES**

- REFER TO OVERALL CAMPUS FLOOR PLAN FOR SCHEDULED WORK OUTSIDE OF ENLARGED KITCHEN AREA PLAN.
- REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- CEILING ELEVATIONS ARE EXISTING. CEILING ELEVATION IS DETERMINED BY EXISTING FRAMING AND SUSPENDED CEILING ASSEMBLY, TYP.
- NOT ALL CEILING ACCESS DOORS ARE SHOWN ON PLANS. REFER TO MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS AND SPECIFICATIONS WHERE ADDITIONAL CEILING ACCESS DOORS MAY BE REQUIRED.
- ALL CEILING-MOUNTED FIXTURES THAT MUST BE REMOVED AND REPLACED / REINSTALLED AS A PART OF THE SCOPE OF WORK SHALL BE CENTERED IN ROOM, CENTERED OVER DOOR, OR CENTERED IN ACOUSTICAL PANEL - WHICHEVER IS MOST APPLICABLE. CONTRACTOR SHALL SUBMIT AN RFI SHOWING PROPOSED LOCATIONS FOR CONFIRMATION IF IT IS QUESTIONABLE.

**LEGEND**

- (E) WALLS, FIXTURES, AND COMPONENTS TO REMAIN. U.O.N.
- (E) WALLS, FIXTURES, AND COMPONENTS TO BE DEMOLISHED. REFER TO KEYED NOTES.
- NEW FRAMED WALL AND NEW COMPONENTS. REFER TO KEYED NOTES. REFER TO STRUCTURAL.
- KEYED NOTE TAG. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS WITHOUT A LEADER APPLIES TO THE ENTIRE ROOM OR SURFACE IN WHICH (ON WHICH) THE TAG IS LOCATED. KEYED NOTES MAY SKIP NUMBERS.
- APPROXIMATE AREA OF (E) GYP BD CEILING TO BE REMOVED IN ORDER TO PROVIDE ACCESS TO PERFORM STRUCTURAL RETROFIT / UPGRADES WHERE ROOFTOP UNITS ARE TO BE INSTALLED. REFER TO MECHANICAL. REFER TO ELECTRICAL FOR ADDITIONAL REQUIRED MINOR GYP BD REMOVAL REQUIRED TO PERFORM SCHEDULED WORK.
- INSULATED CEILING ASSEMBLY FOR WALK-IN REFRIGERATOR PER MANUFACTURER. LIGHTS, DOOR, BAFFLE & HARDWARE PER MANU. CONNECT TO INTRUSION ALARM. REFER TO ELECTRICAL.
- APPROXIMATE AREAS WHERE REPAIR OF (E) GYP BD CEILING MAY BE REQUIRED WHERE OLD LIGHT FIXTURES WERE LARGER OR LOCATED DIFFERENTLY THAN NEW SCHEDULED FIXTURES.
- (E) 5/8" GYP. BD. CEILING O/ (E) WD CEILING JOISTS. PAINT PER FINISH SCHEDULE.
- PATCHBACK / REPLACE / REPAIR 5/8" GYP. BD. CEILING O/ (E) WD CEILING JOISTS WHERE RETROFIT FRAMING REQUIRED. REFER TO STRUCTURAL. PAINT PER FINISH SCHEDULE.
- (E) 2x4, 1x4 SURFACE-MOUNTED LIGHT FIXTURE TO REMAIN. U.O.N.
- NEW 2x2 SURFACE-MOUNTED LIGHT FIXTURE WITH SHATTERPROOF LENS. REFER TO ELECTRICAL.
- (E) EXIT SIGN U.O.N.
- NEW EXIT SIGN. REFER TO ELECTRICAL.

**KEYED NOTES**

- 8.10 DEMO (E) LIGHT FIXTURE. REFER TO ELECTRICAL. PATCHBACK GYP BD WHERE FIXTURE IS RELOCATED.
- 8.11 DEMO (E) INSULATED COOLER ASSEMBLY.
- 8.12 DEMO (E) EXHAUST FAN. PATCHBACK GYP BD.
- 8.13 REMOVE AND RELOCATE / RECONNECT WIREMOLD AND FA ASSEMBLY AROUND NEW WORK.
- 8.14 DEMO (E) HOOD ASSEMBLY AND ASSOCIATED BULKHEAD FRAMING.
- 8.15 (E) SUPPLY AIR DIFFUSER TO REMAIN.
- 8.22 (E) OVERHEAD DOORS TO BE REMOVED, SALVAGED, AND REINSTALLED OVER NEW SIS HM CASED OPENINGS, TYP.
- 8.23 NEW TYPE-1 SELF-COMPENSATING HOOD ASSEMBLY. REFER TO KITCHEN DRAWINGS.
- 8.24 PROTECT (E) LIGHT FIXTURES TO REMAIN.
- 8.25 AREA NOT A PART OF KITCHEN ELECTRIFICATION SCOPE. U.O.N. REFER TO OVERALL CAMPUS FLOOR PLAN.



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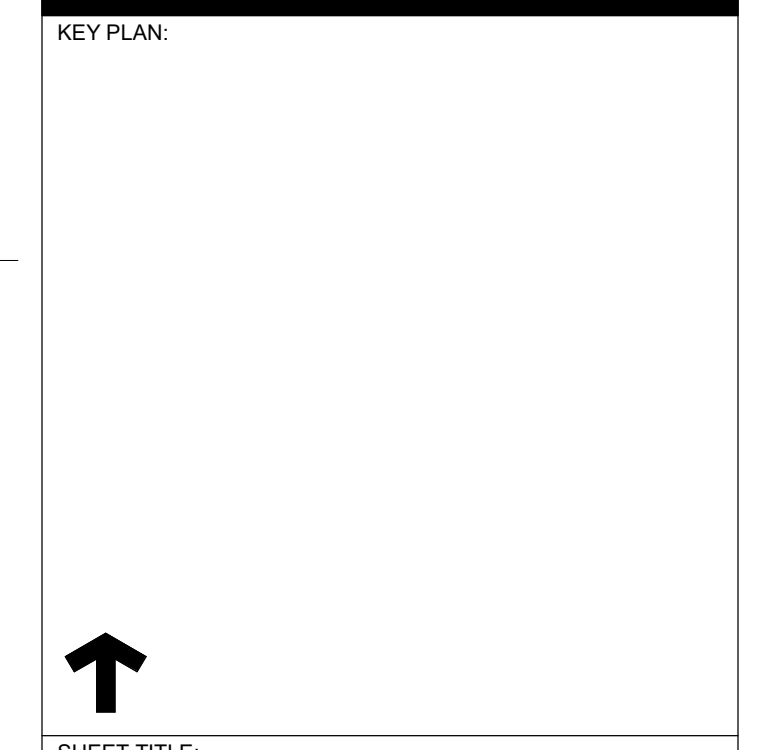
ARCHITECT: \_\_\_\_\_ CONSULTANT: \_\_\_\_\_  
CONSULTANT: \_\_\_\_\_

PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
6254 13TH STREET  
SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

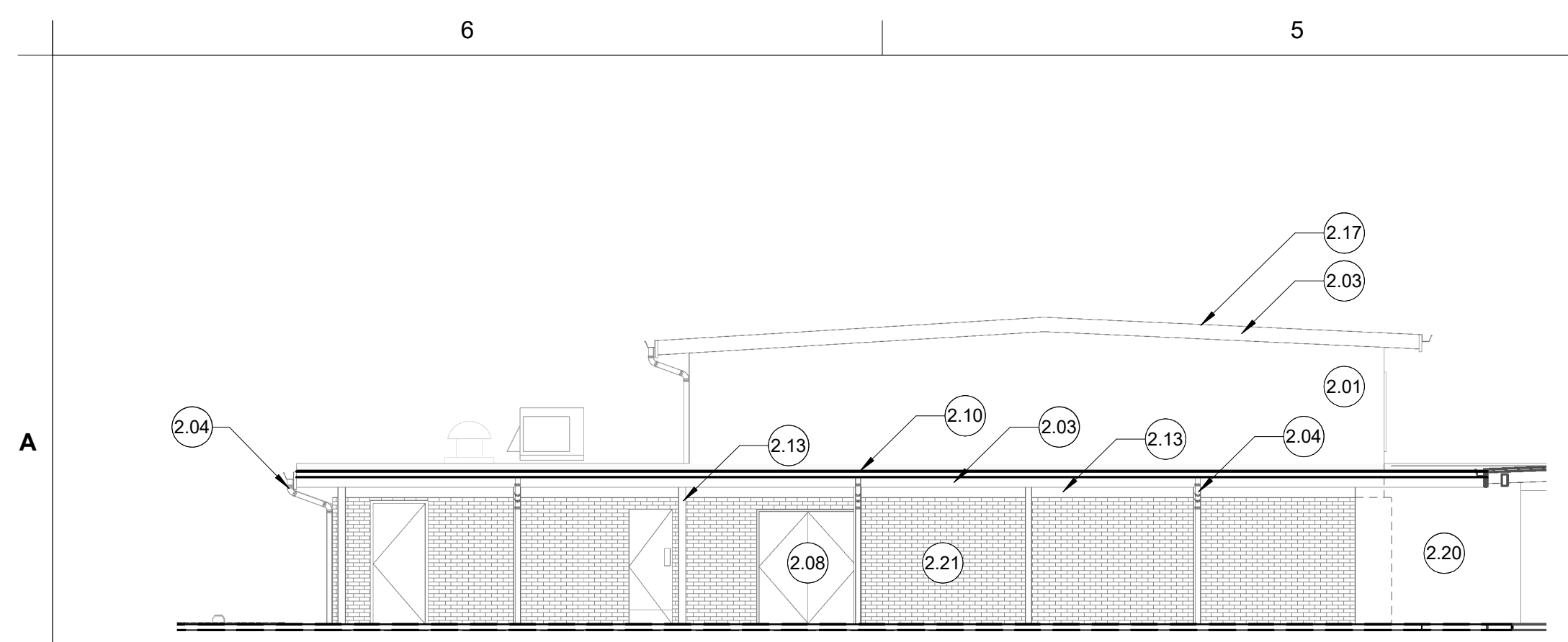
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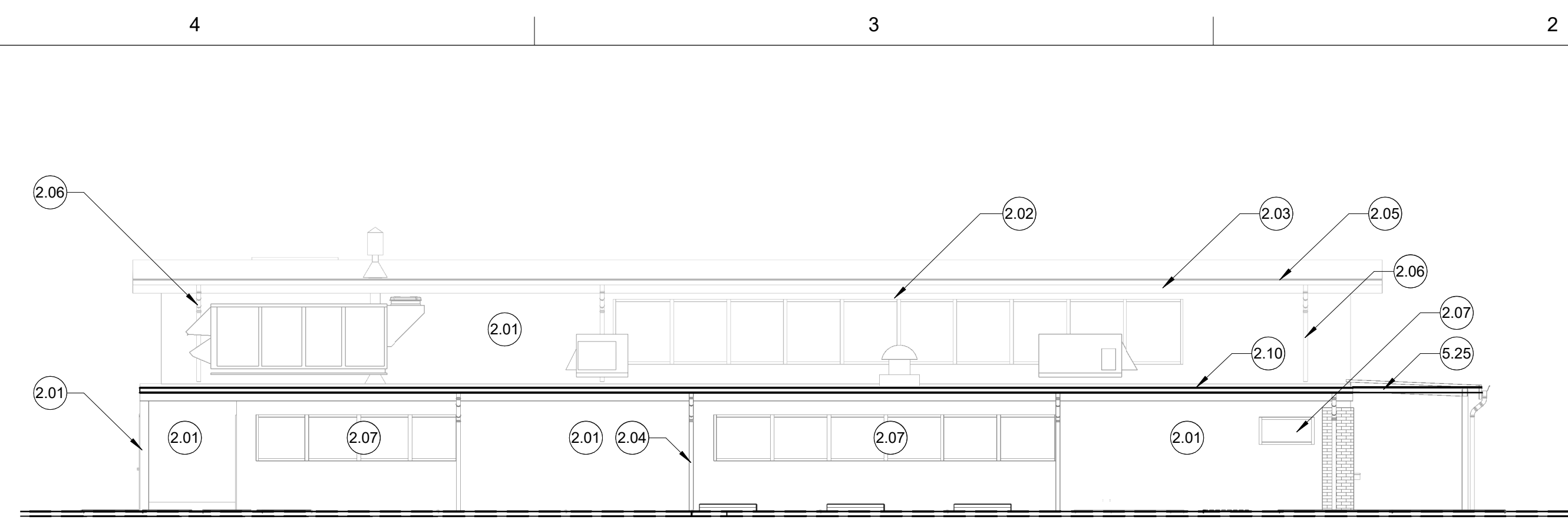
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JOB NUMBER:	SHEET NUMBER: <b>A184</b>
DATE: JAN 5, 2024	
REVISION:	

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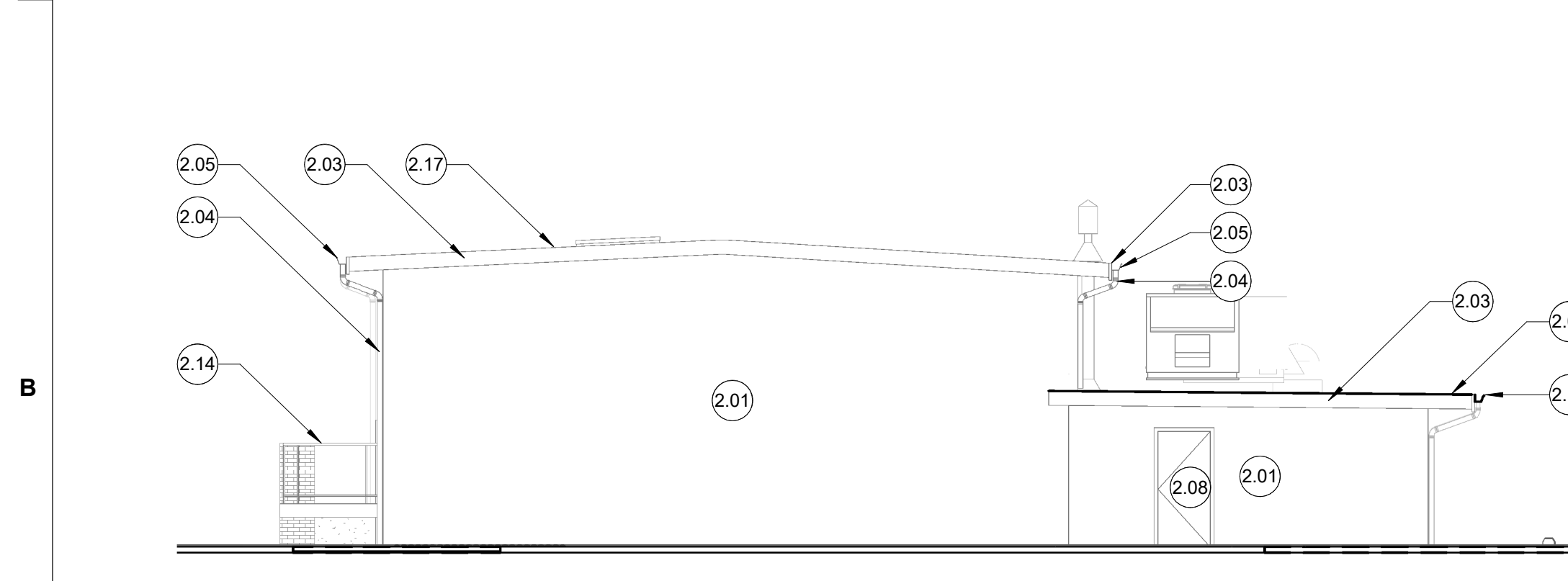




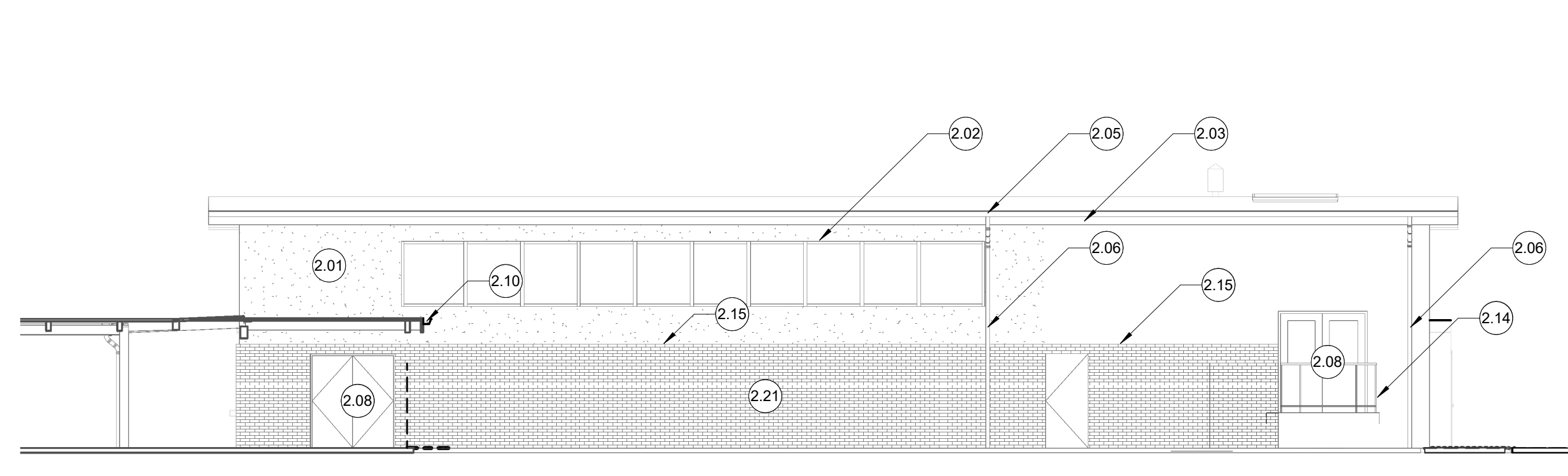
**A6** BUILDING A NORTH ELEVATION  
1/8" = 1'-0"



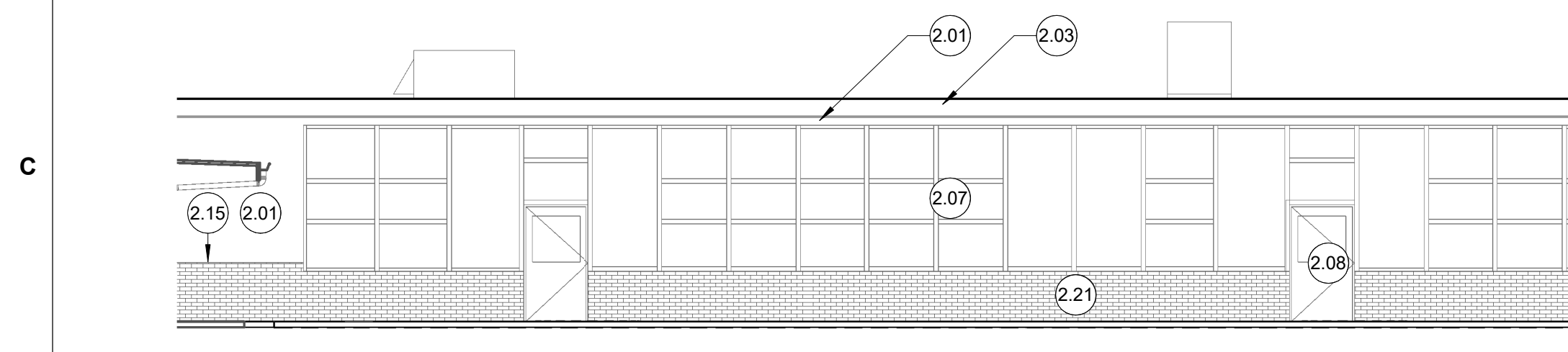
**A4** BUILDING A EAST ELEVATION  
1/8" = 1'-0"



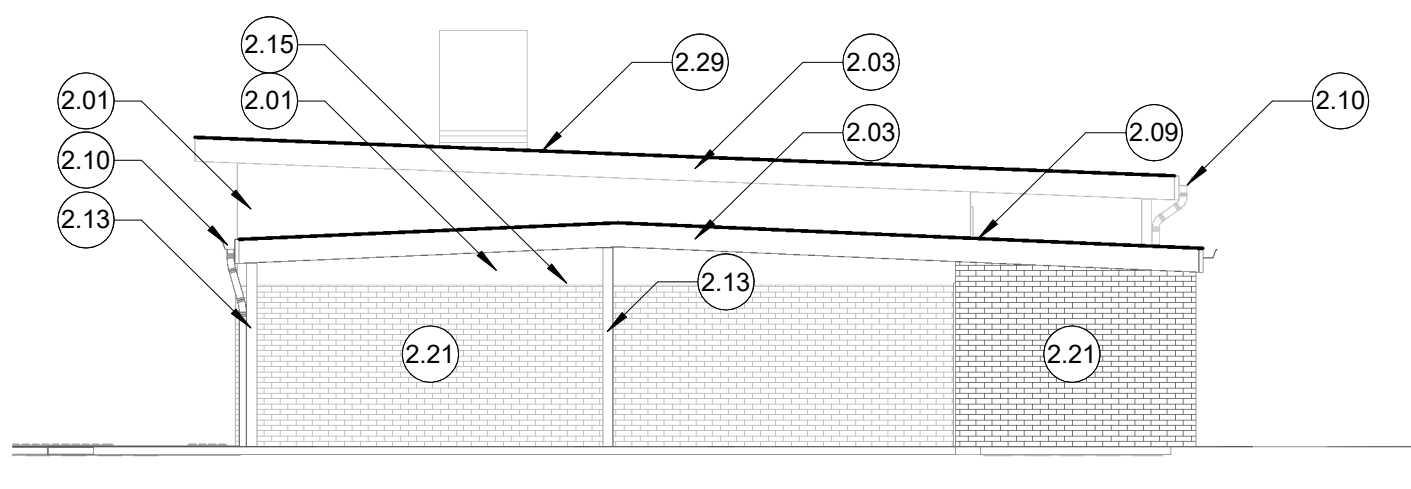
**B6** BUILDING A SOUTH ELEVATION  
1/8" = 1'-0"



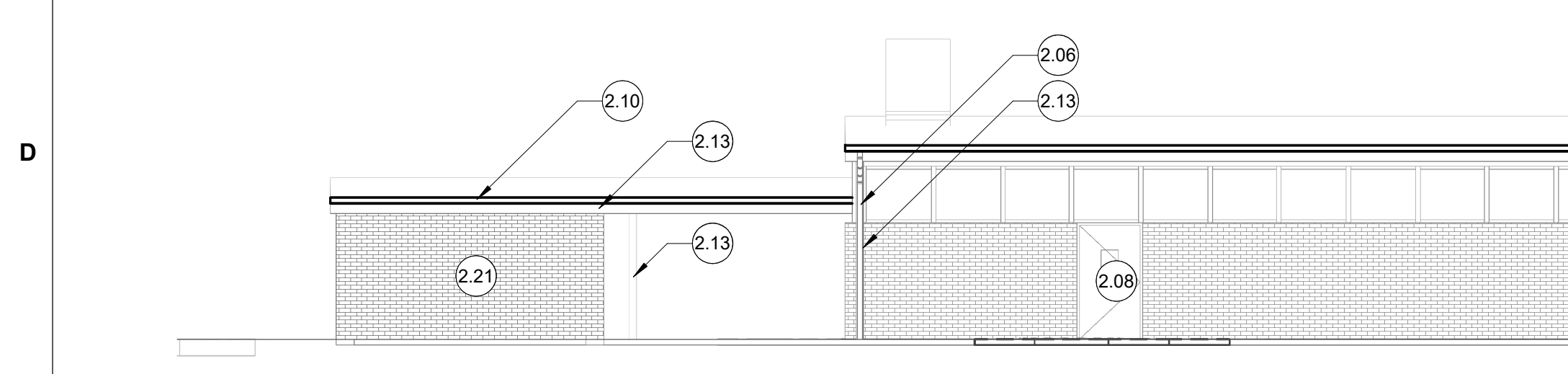
**B4** BUILDING A WEST ELEVATION  
1/8" = 1'-0"



**C6** BUILDING B NORTH ELEVATION  
1/8" = 1'-0"



**C3** BUILDING B WEST ELEVATION  
1/8" = 1'-0"



**D6** BUILDING B SOUTH ELEVATION  
1/8" = 1'-0"

**GENERAL NOTES**

- ELEVATION DRAWINGS ARE GENERAL FOR OVERALL SQUARE FOOTAGES AND QUANTITY TAKE-OFFS, AND ARE NOT INTENDED TO REPRESENT EXACT CONDITIONS OF EACH BUILDING ELEVATION. CONTRACTOR SHALL VISIT THE SITE AND BE FAMILIAR WITH SCOPE REQUIRED FOR EACH BUILDING ELEVATION PRIOR TO BID.
- ALL EXISTING EXTERIOR FINISHES THAT ARE CURRENTLY PAINTED (SUCH AS DOWNSPOUTS, DUCTWORK, FASCIAS, ETC.) SHALL BE PREPPED AND REPAINTED. ALL EXISTING EXTERIOR FINISHES WHICH ARE NOT CURRENTLY PAINTED (SUCH AS CONCRETE, BRICK, ANODIZED ALUMINUM, WINDOWS, ETC.) SHALL REMAIN UNPAINTED AND SHALL BE PROTECTED FROM NEW PAINTING WORK.
- ALL PAINTED OPENING TRIMS AND JAMBS SHALL HAVE ACCENT PAINT COLOR RETURNED TO THE INSIDE CORNER OF THE JAMB TO THE WALL FACE BEYOND.
- DOOR PAINT PREP AND NEW PAINT SHALL EXTEND TO ALL FACES AND ALL EDGES OF DOORS.
- DOOR JAMB PAINT PREP AND NEW PAINT SHALL EXTEND WITHIN OPENINGS AND INTO INSIDE FACE AND ALL PAINTED EDGES OF JAMBS, TYP.
- REFER TO CIVIL FOR DETAIL OF CONNECTION OF DOWNSPOUT TO UNDERGROUND PLUMBING.
- ALL CRACKS APPARENT BETWEEN MATERIALS AND DIFFERING FACES SHALL BE PREPPED AND FILLED WITH SEALANT PRIOR TO NEW PAINT WORK.
- ALL (E) CHIPPING / DELAMINATING / FAILING / DAMAGED PAINT SHALL BE SCRAPPED AND REMOVED TO THE POINT OF ADHESION PRIOR TO PREPPING OR PAINTING SURFACES, TYP.

**KEYED NOTES**

- PREP AND PAINT (E) PAINTED PLASTER WALL, TYP.
- PREP AND PAINT (E) PAINTED WOOD TRIM, TYP.
- PREP AND PAINT (E) PAINTED FASCIA, TYP. WRAP ACCENT COLOR AROUND BOTTOM OF FASCIA BOARD AND RETURN TO SOFFIT PLANE.
- PREP AND PAINT (E) PAINTED DOWNSPOUT ASSEMBLY, TYP. ADJUST / EXTEND / CUT AS NECESSARY TO CONNECT TO NEW STORM DRAIN CLEANOUT ASSEMBLY.
- PREP AND PAINT (E) PAINTED GUTTER ASSEMBLY TO REMAIN, TYP.
- PREP AND PAINT (E) PAINTED DOWNSPOUT ASSEMBLY TO REMAIN, TYP.
- PREP AND PAINT (E) PAINTED WINDOW TRIM, TYP. PAINT EXPOSED PAINTED WOOD TRIM BETWEEN WINDOWS, TYP. PROTECT UNPAINTED WINDOW METAL AND GLAZING, TYP.
- PREP AND PAINT (E) PAINTED DOOR ASSEMBLY, TYP.; ALL EDGES OF DOOR AND ALL EDGES OF HM FRAME.
- PREP AND PAINT NEW DRIP EDGE ASSEMBLY, TYP. REFER TO DETAIL E2/A561.
- PREP AND PAINT NEW GUTTER AND DRIP EDGE ASSEMBLY, TYP. COORDINATE DOWNSPOUT PENETRATION / CONNECTION WITH EXISTING DOWNSPOUTS ON SITE, TYP. REFER TO DETAIL A1 AND C2/A561.
- PREP AND PAINT (E) PAINTED BUILDING EXPOSED STRUCTURE, TYP.
- PREP AND PAINT (E) PAINTED GUARDRAIL / HANDRAIL ASSEMBLY, TYP.
- PROVIDE NEW SEALANT AT BRICK-TO-PLASTER JOINT, TYP. MAINTAIN A CLEAN EDGE ALONG BRICK. PAINT.
- PREP AND PAINT (E) PAINTED DRIP EDGE, TYP.
- PROTECT (E) FEATURE WALL TO REMAIN, TYP.
- PROTECT (E) BRICK TO REMAIN, TYP.
- PREP AND PAINT NEW DRIP EDGE / GRAVEL STOP ASSEMBLY AT HIGH / UPPER RAKES, TYP. REFER TO DETAIL B5/A561.
- APPROXIMATELY 16' OF (E) DRY-ROTTED FASCIA BOARD TO BE REPLACED.
- EXTEND NEW GUTTER ASSEMBLY TO CORNER AND CONNECT WITH ADJACENT GUTTER ASSEMBLY. PAINT.



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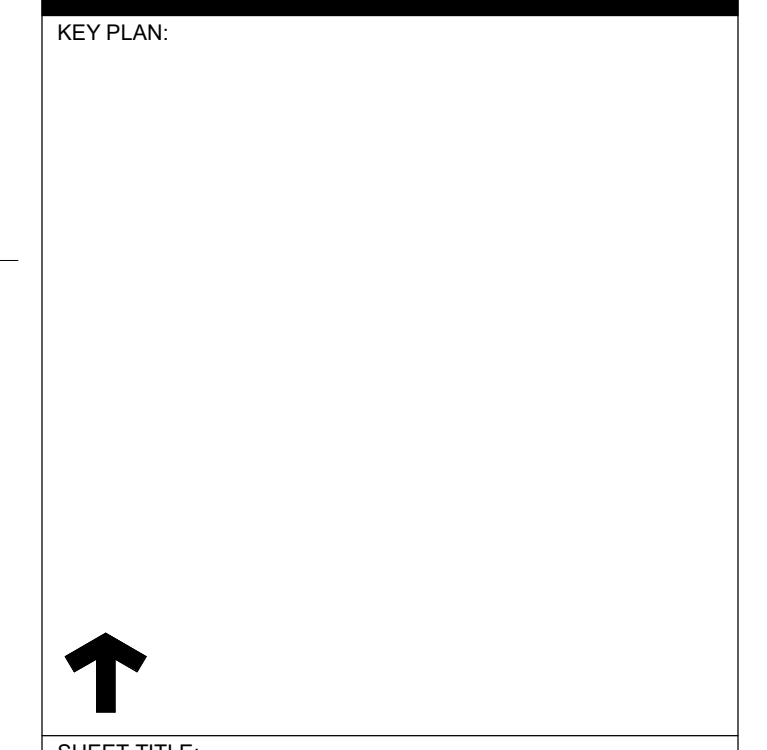


CONSULTANT:

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**CAMPUS RENEWAL**

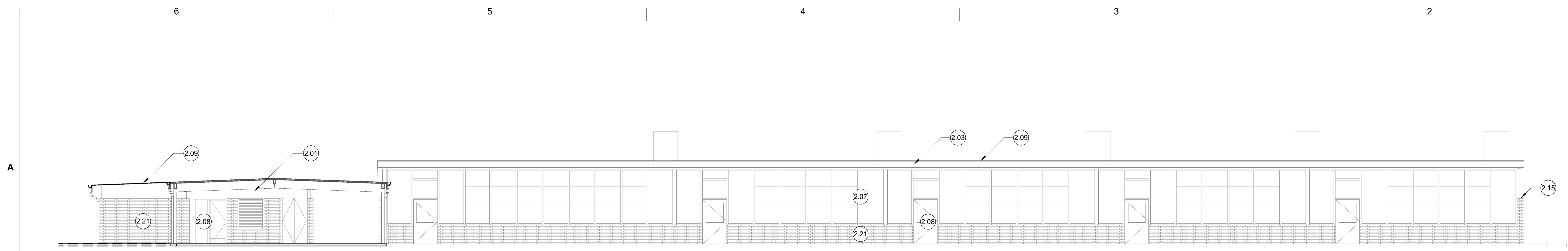
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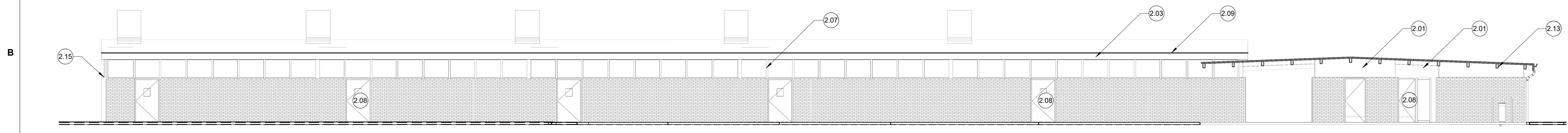
KEY TITLE:  
**EXTERIOR ELEVATIONS**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>A221</b>
REVISION:	

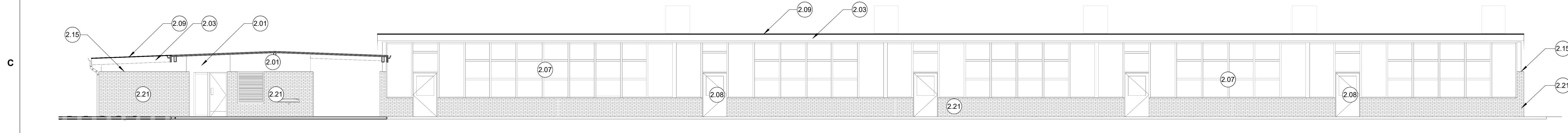




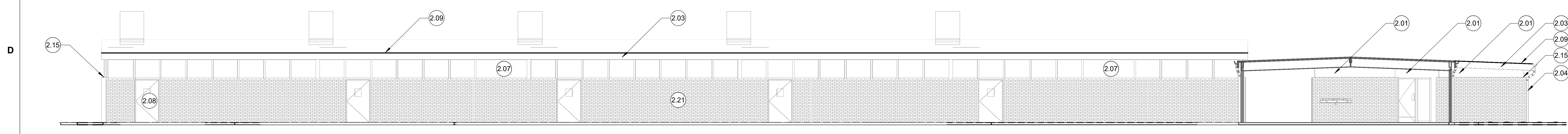
**A6 BUILDING C NORTH ELEVATION**  
1/8" = 1'-0"



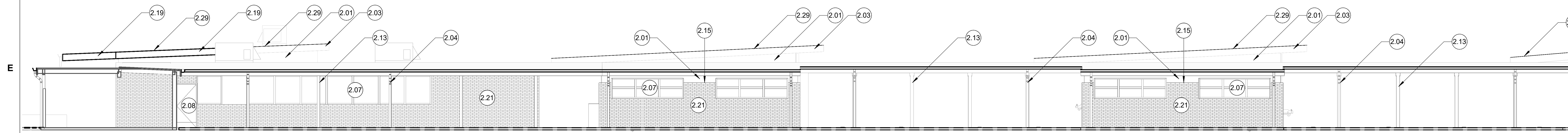
**B6 BUILDING C SOUTH ELEVATION**  
1/8" = 1'-0"



**C6 BUILDING D NORTH ELEVATION**  
1/8" = 1'-0"



**D6 BUILDING D SOUTH ELEVATION**  
1/8" = 1'-0"



**E6 BUILDING E & F EAST ELEVATION**  
1/8" = 1'-0"

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- ALL (E) CHIPPING / DELAMINATING / FAILING / DAMAGED PAINT SHALL BE SCRAPPED AND REMOVED TO THE POINT OF ADHESION PRIOR TO PREPPING OR PAINTING SURFACES, TYP.

**KEYED NOTES**

- PREP AND PAINT (E) PAINTED PLASTER WALL, TYP.
- PREP AND PAINT (E) PAINTED FASCIA, TYP. WRAP ACCENT COLOR AROUND BOTTOM OF FASCIA BOARD AND RETURN TO SOFFIT PLANE.
- PREP AND PAINT (E) PAINTED DOWNSPOUT ASSEMBLY, TYP. ADJUST / EXTEND / CUT AS NECESSARY TO CONNECT TO NEW STORM DRAIN CLEANOUT ASSEMBLY.
- PREP AND PAINT (E) PAINTED WINDOW TRIM, TYP. PAINT EXPOSED PAINTED WOOD TRIM BETWEEN WINDOWS, TYP. PROTECT UNPAINTED WINDOW METAL AND GLAZING, TYP.
- PREP AND PAINT (E) PAINTED DOOR ASSEMBLY, TYP.; ALL EDGES OF DOOR AND ALL EDGES OF HM FRAME.
- PREP AND PAINT NEW DRIP EDGE ASSEMBLY, TYP. REFER TO DETAIL E2/A561.
- PREP AND PAINT (E) PAINTED BUILDING EXPOSED STRUCTURE, TYP.
- PROVIDE NEW SEALANT AT BRICK-TO-PLASTER JOINT, TYP. MAINTAIN A CLEAN EDGE ALONG BRICK. PAINT.
- PAINT NEW REPLACEMENT FASCIA BOARD, TYP.
- PROTECT (E) BRICK TO REMAIN, TYP.
- PREP AND PAINT NEW DRIP EDGE / GRAVEL STOP ASSEMBLY AT HIGH / UPPER RAKES, TYP. REFER TO DETAIL B5/A561.



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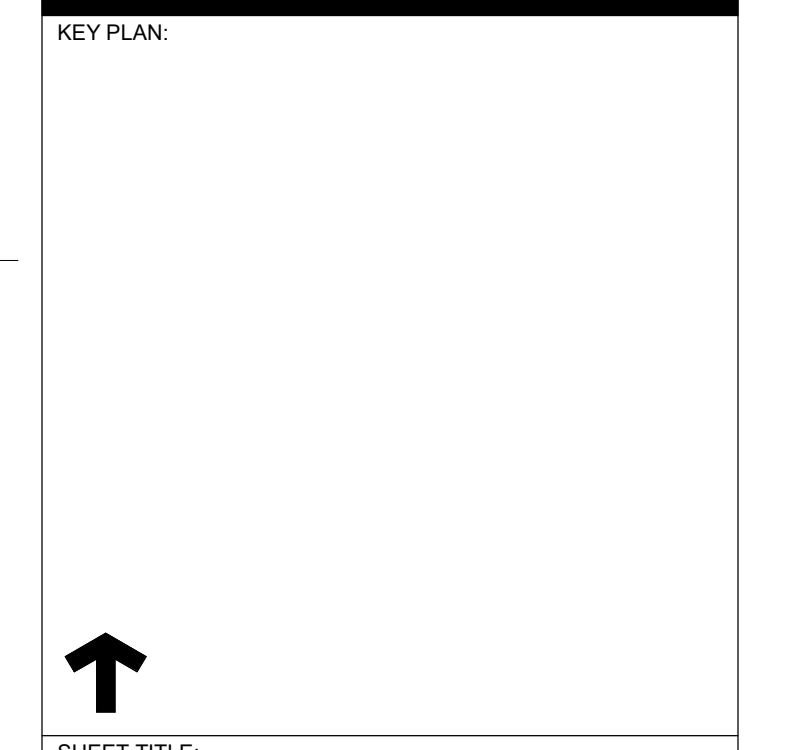


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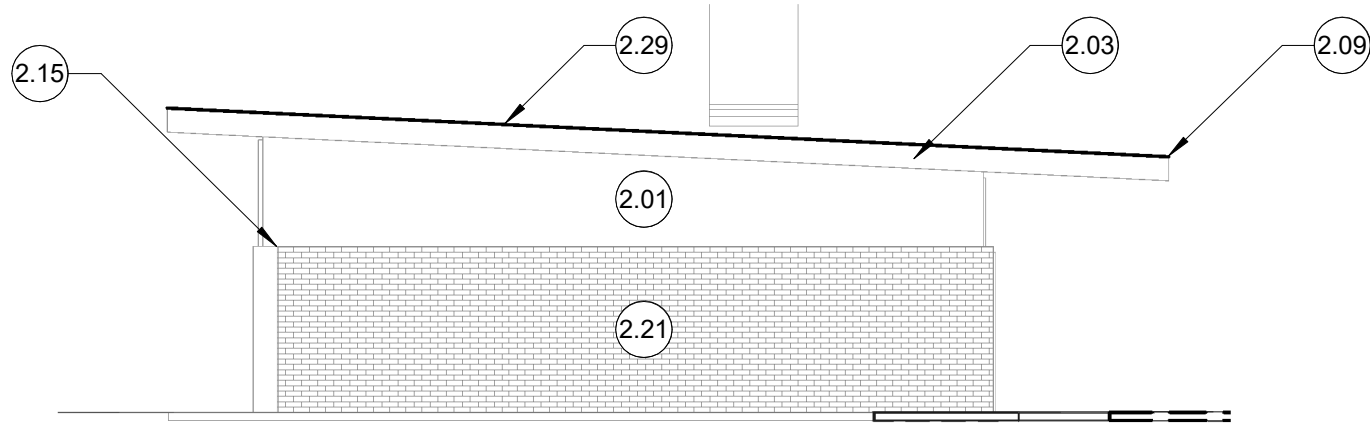
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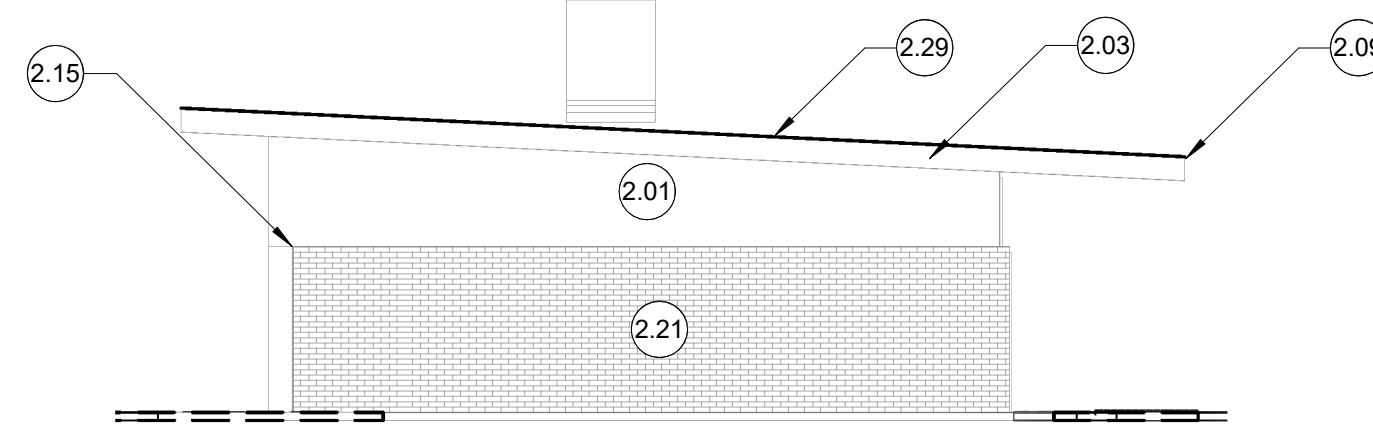
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JOB NUMBER:	SHEET NUMBER: <b>A222</b>
DATE: JAN 5, 2024	
REVISION:	

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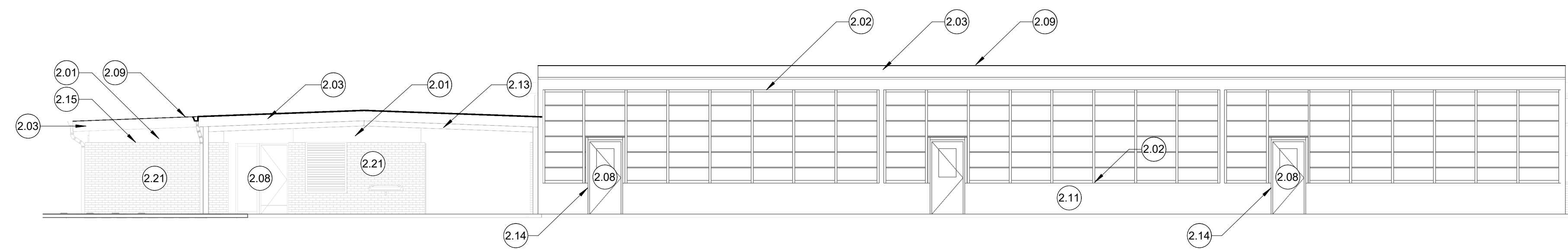




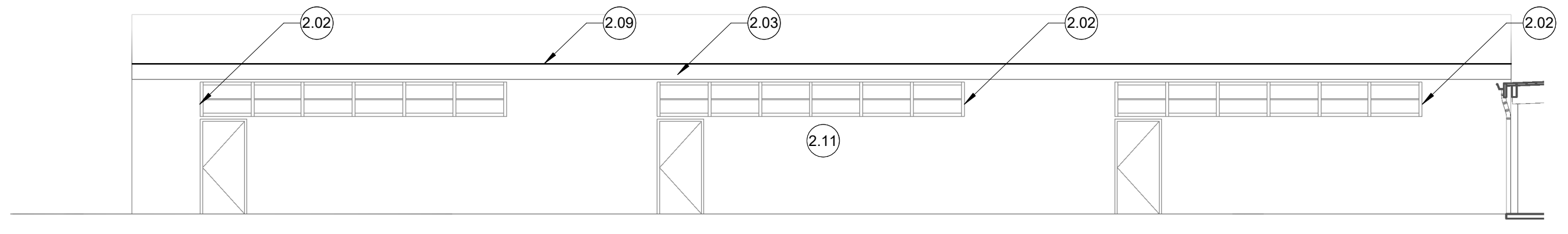
**A5** BUILDING D WEST ELEVATION  
1/8" = 1'-0"



**A3** BUILDING C WEST ELEVATION  
1/8" = 1'-0"



**B5** BUILDING H NORTH ELEVATION  
1/8" = 1'-0"



**C5** BUILDING H SOUTH ELEVATION  
1/8" = 1'-0"

**GENERAL NOTES**

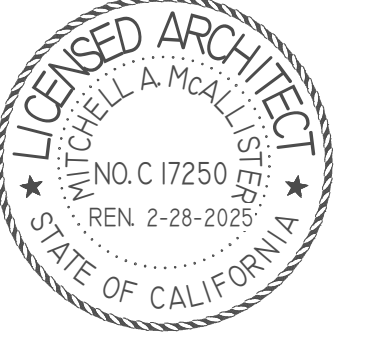
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**KEYED NOTES**

- 1.00 →
- PREP AND PAINT (E) PAINTED PLASTER WALL, TYP.
  - PREP AND PAINT (E) PAINTED WOOD TRIM, TYP.
  - PREP AND PAINT (E) PAINTED FASCIA, TYP. WRAP ACCENT COLOR AROUND BOTTOM OF FASCIA BOARD AND RETURN TO SOFFIT PLANE.
  - PREP AND PAINT (E) PAINTED DOOR ASSEMBLY, TYP.; ALL EDGES OF DOOR AND ALL EDGES OF HW FRAME.
  - PREP AND PAINT NEW DRIP EDGE ASSEMBLY, TYP. REFER TO DETAIL E2/A561.
  - PREP AND PAINT ALL (E) PAINTED SURFACES AT EXTERIOR OF ALL (E) MODULAR BUILDINGS, TYP. NOT ALL BUILDING ELEVATIONS ARE SHOWN. INCLUDE RAMPS, SKIRTS, HANDRAILS, GUARDRAILS, ETC.
  - PREP AND PAINT (E) PAINTED BUILDING EXPOSED STRUCTURE, TYP.
  - PREP AND PAINT (E) PAINTED GUARDRAIL / HANDRAIL ASSEMBLY, TYP.
  - PROVIDE NEW SEALANT AT BRICK-TO-PLASTER JOINT, TYP. MAINTAIN A CLEAN EDGE ALONG BRICK. PAINT.
  - PROTECT (E) BRICK TO REMAIN, TYP.
  - PREP AND PAINT NEW DRIP EDGE / GRAVEL STOP ASSEMBLY AT HIGH / UPPER RAKES, TYP. REFER TO DETAIL B5/A561.



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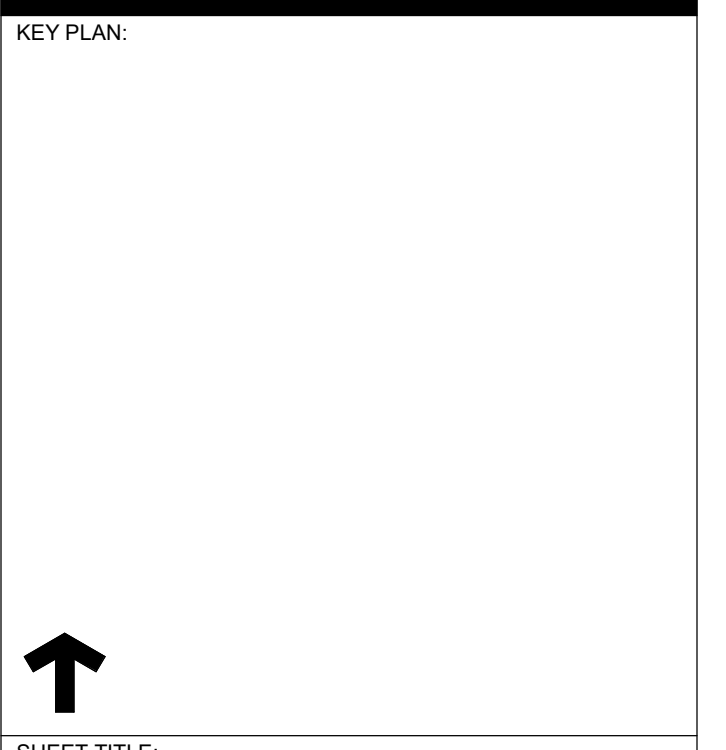


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**CAMPUS RENEWAL**

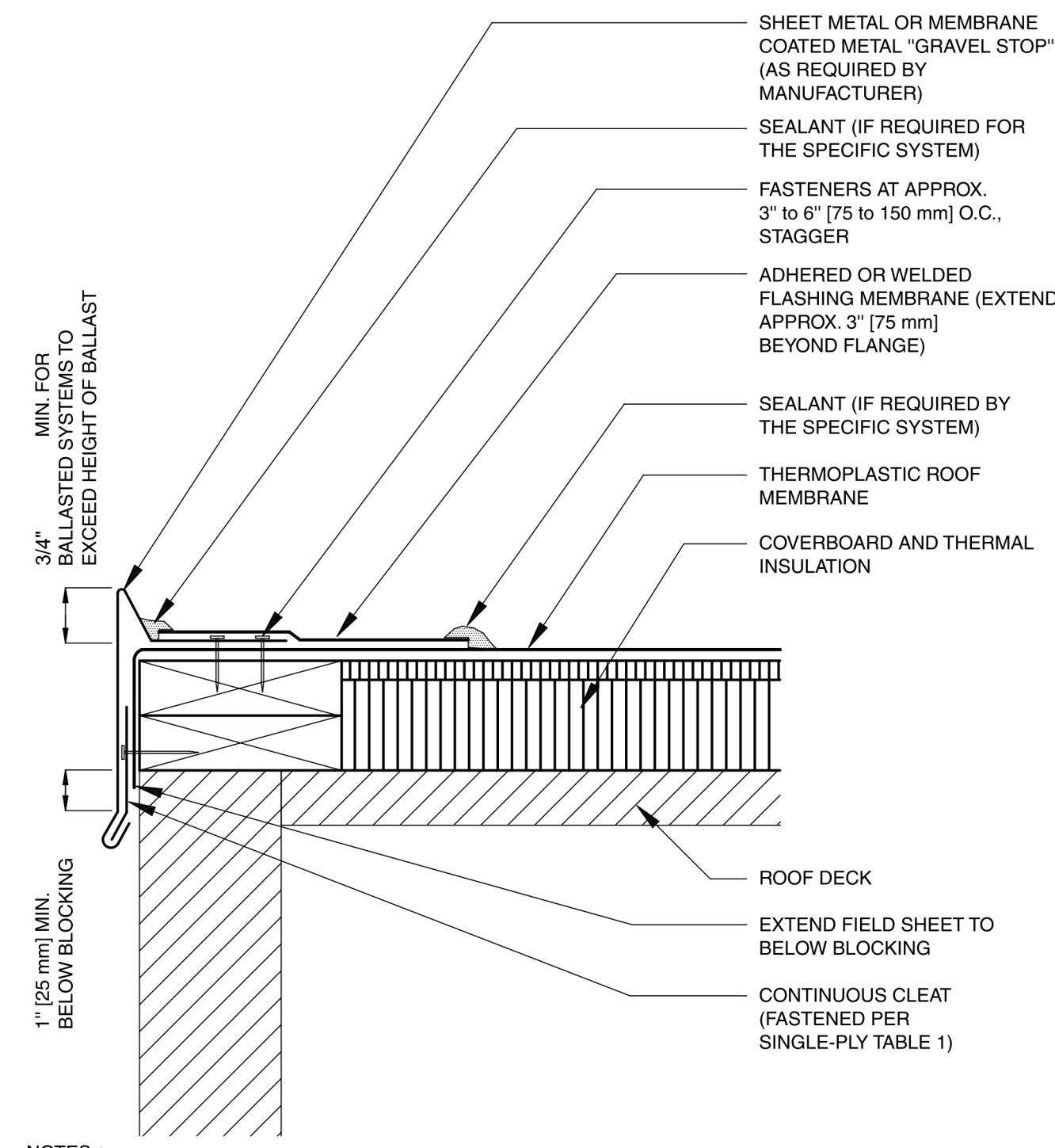
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SACRAMENTO COUNTY



↑  
SHEET TITLE:  
**EXTERIOR ELEVATIONS**

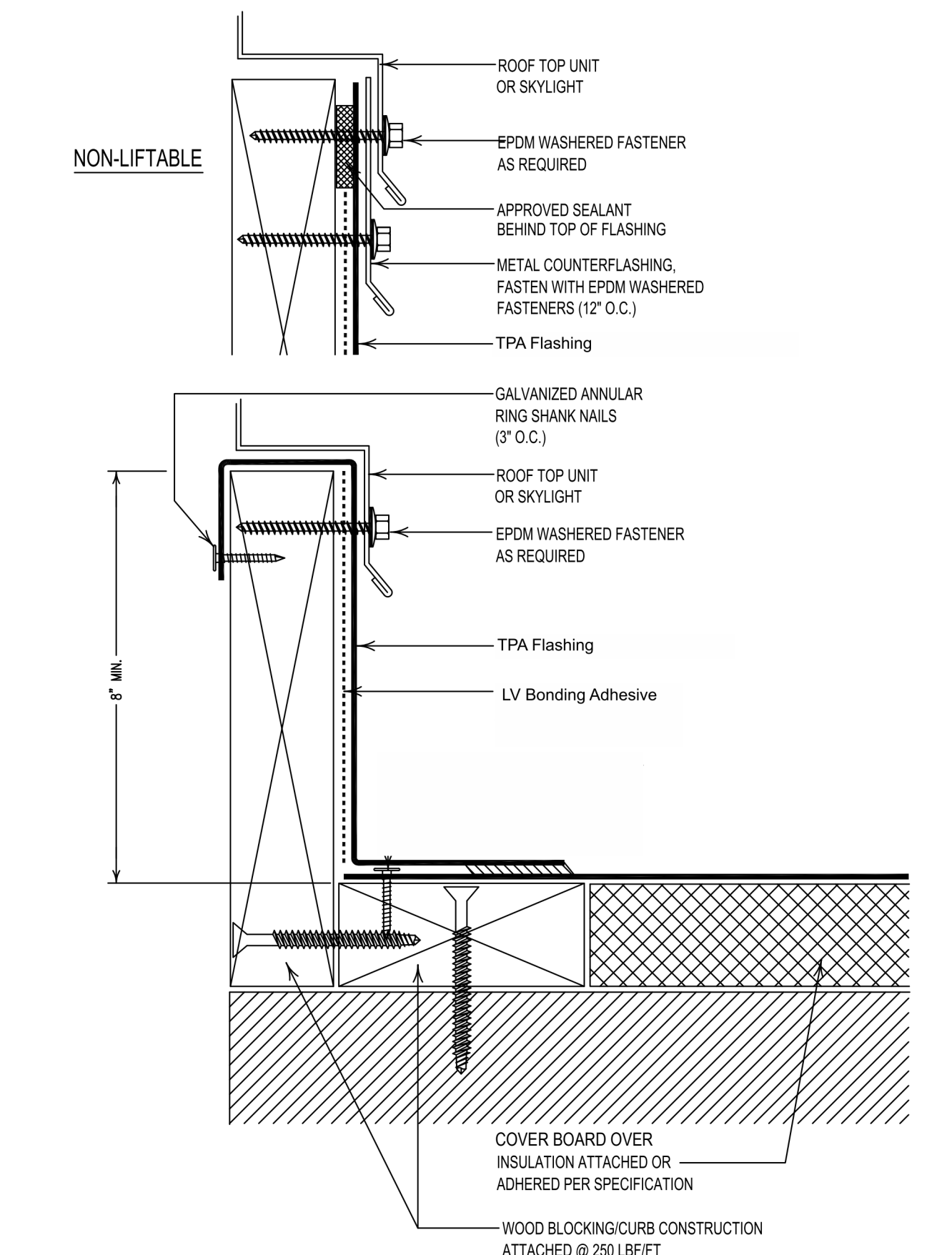
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DATE: JAN 5, 2024	<b>A223</b>
REVISION:	



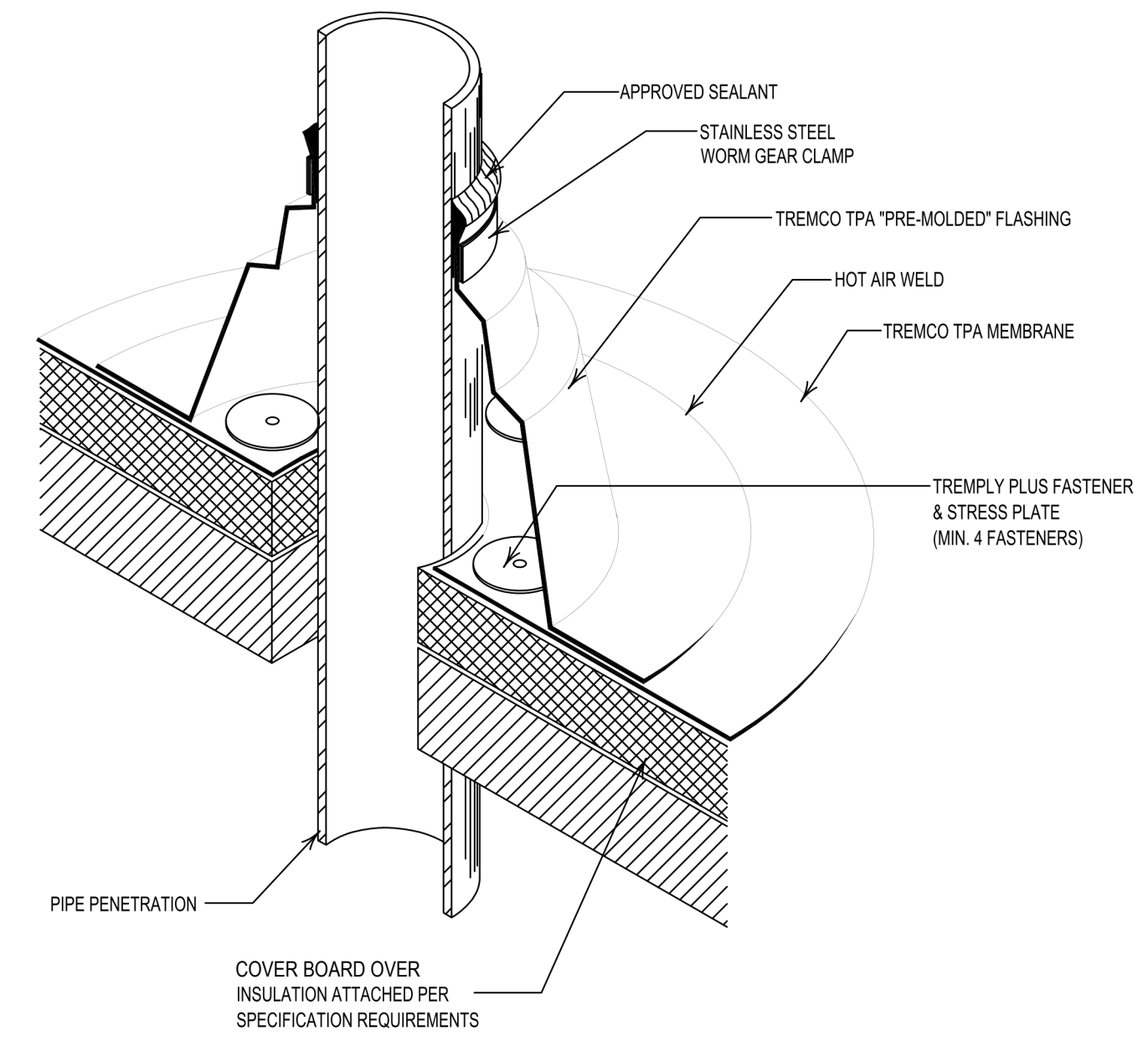


- NOTES:
1. NRCA SUGGESTS AVOIDING (WHERE POSSIBLE) FLASHING DETAILS THAT REQUIRE RIGID METAL FLANGES TO BE EMBEDDED OR SANDWICHED INTO THE ROOF MEMBRANE.
  2. THIS DETAIL SHOULD BE USED ONLY WHERE THE DECK IS SUPPORTED BY THE OUTSIDE WALL.
  3. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.
  4. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

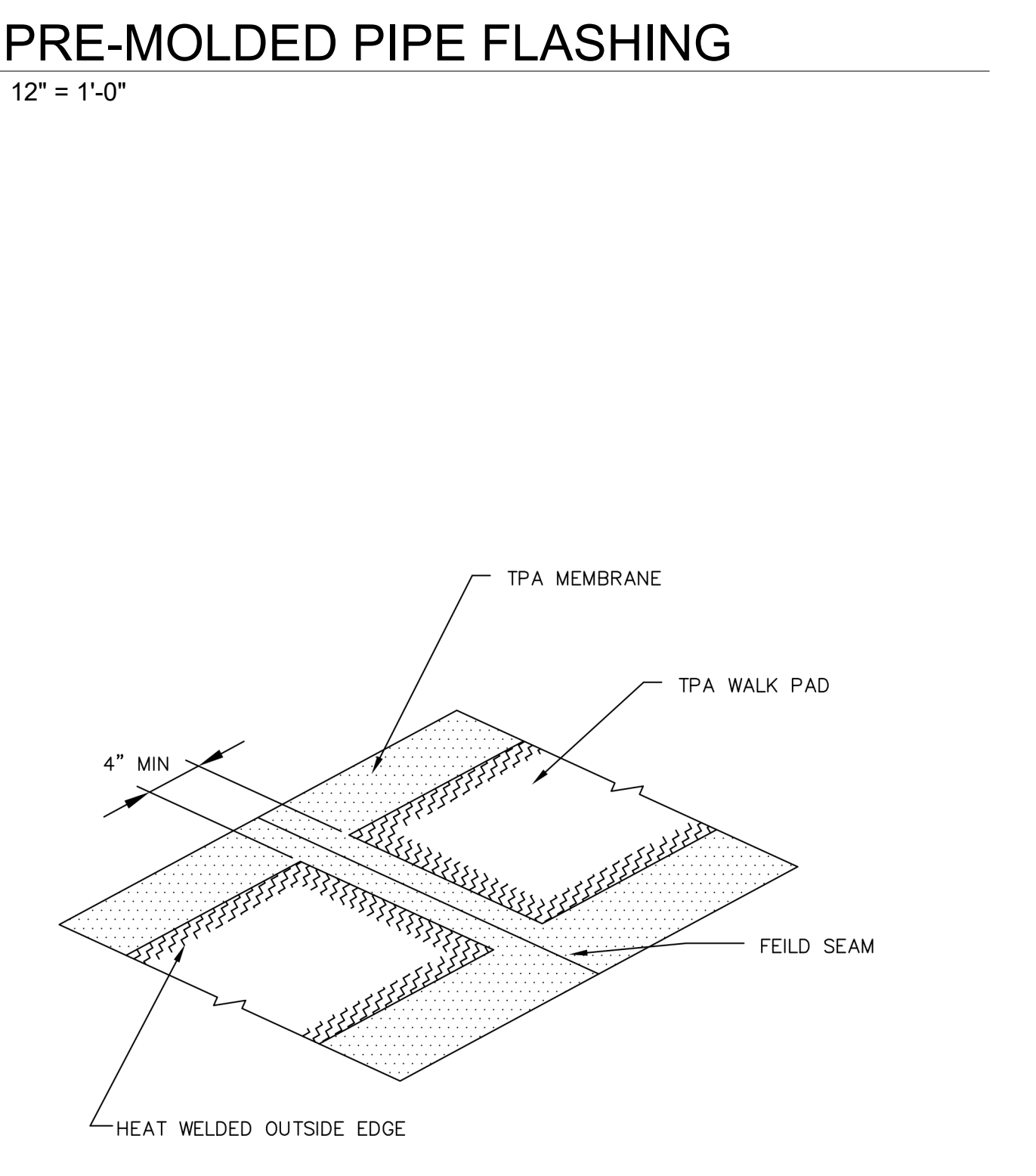
**B5** GRAVEL STOP AT RAKES  
12" = 1'-0"



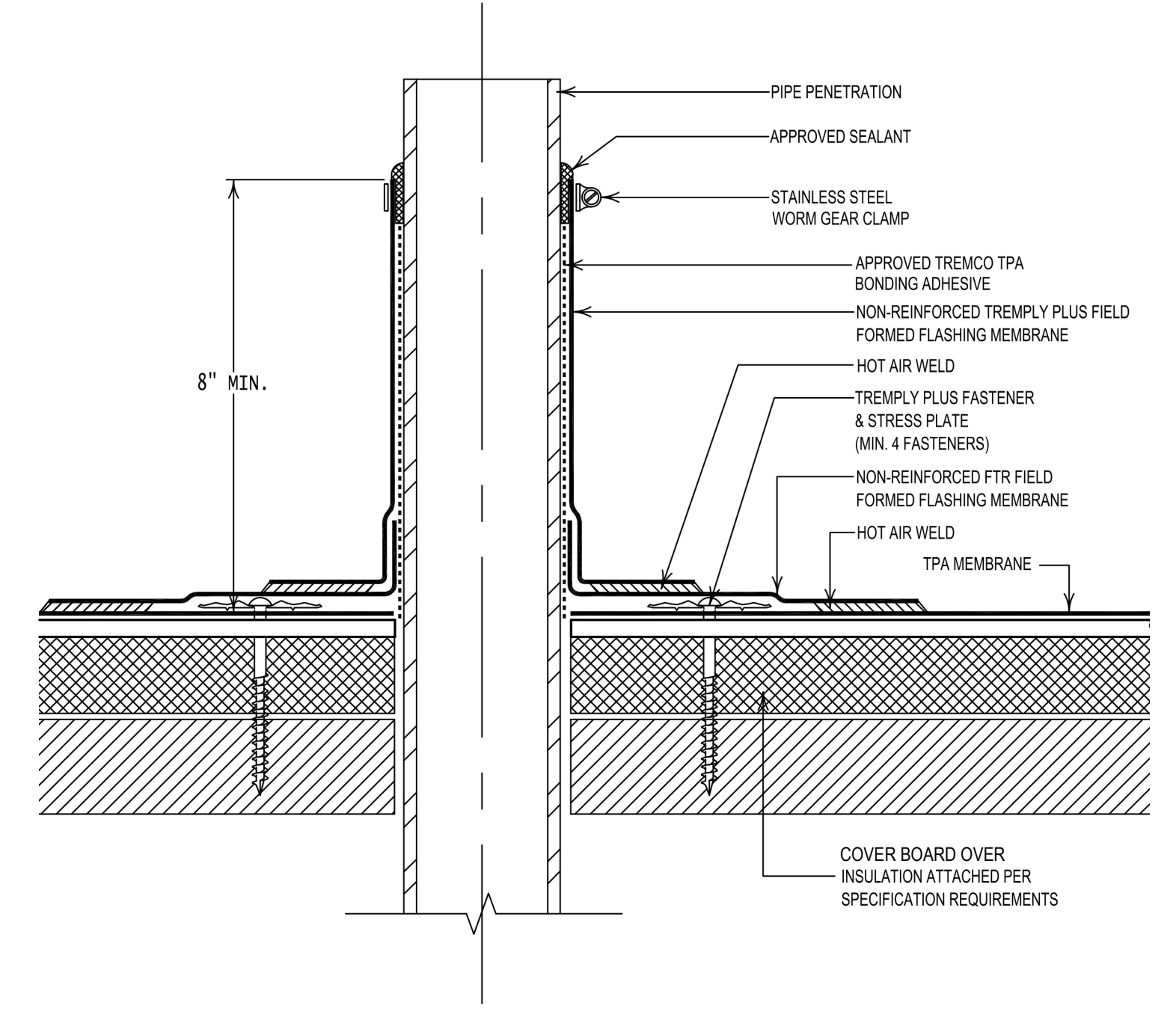
**D5** TYPICAL CURB DETAIL  
12" = 1'-0"



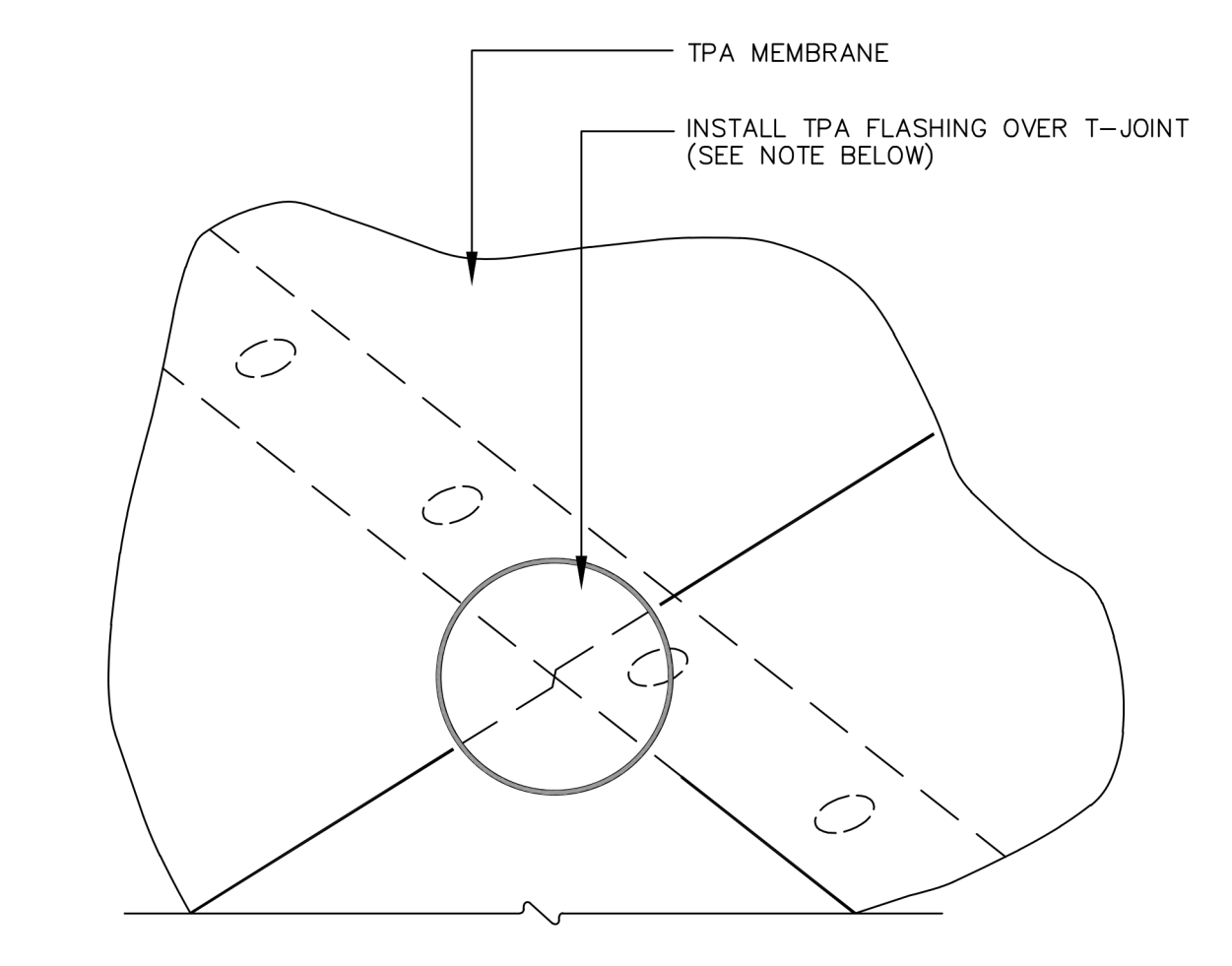
**B4** PRE-MOLDED PIPE FLASHING  
12" = 1'-0"



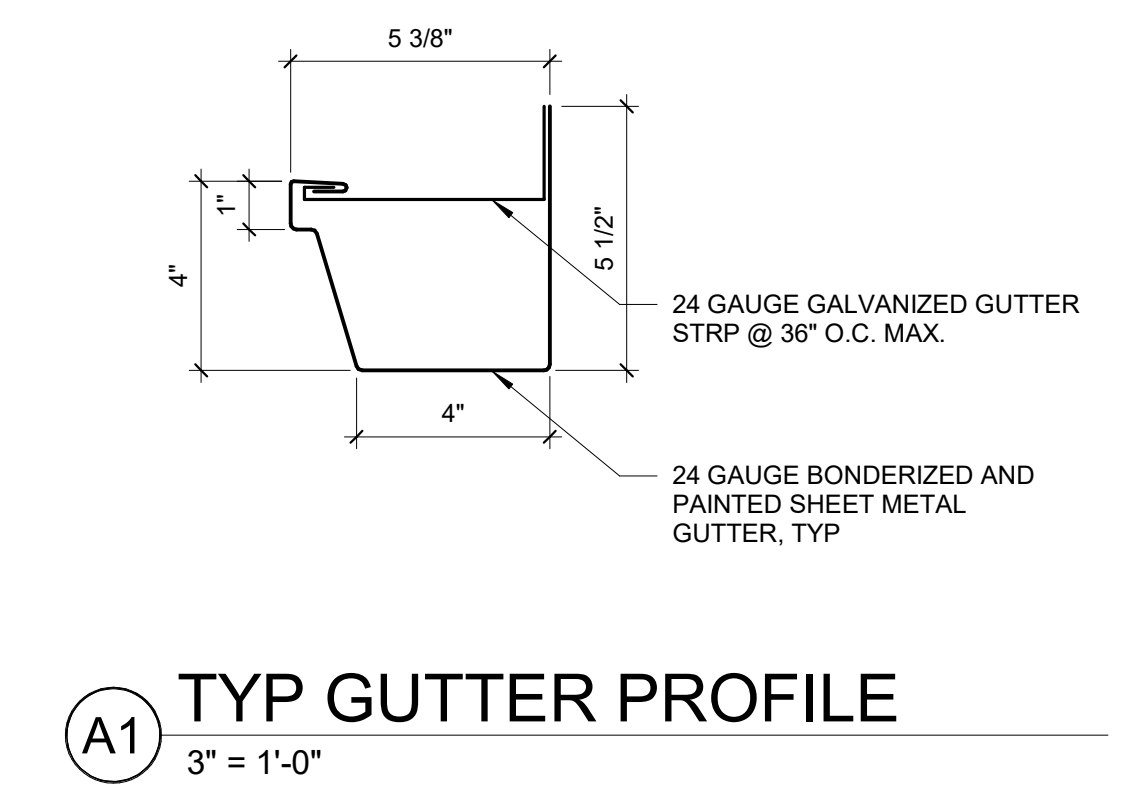
**D4** WALK-PAD INSTALLATION  
12" = 1'-0"



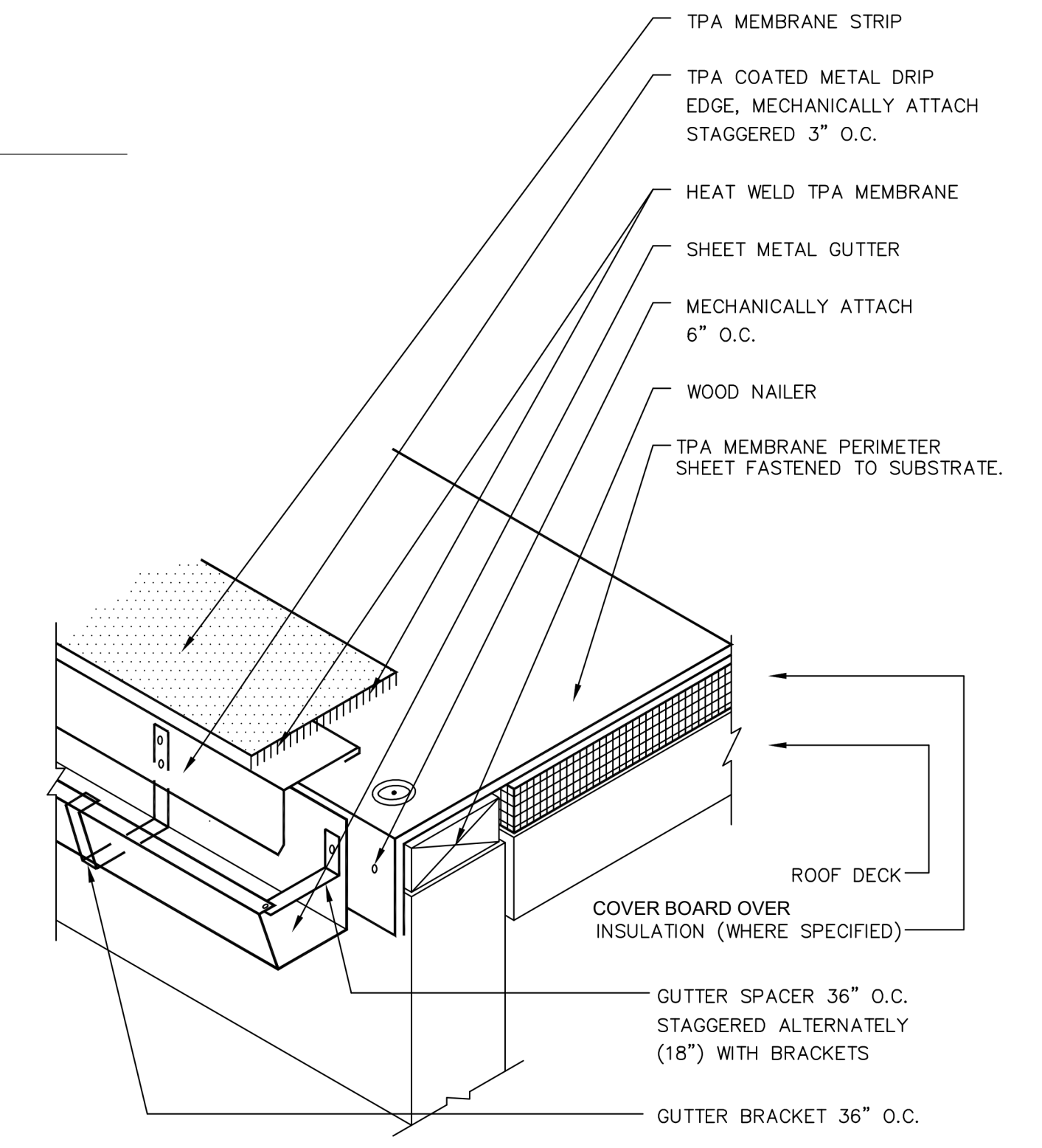
**B2** FIELD-FABRICATED PIPE FLASHING  
NTS



**C3** T-JOINT DETAIL  
12" = 1'-0"

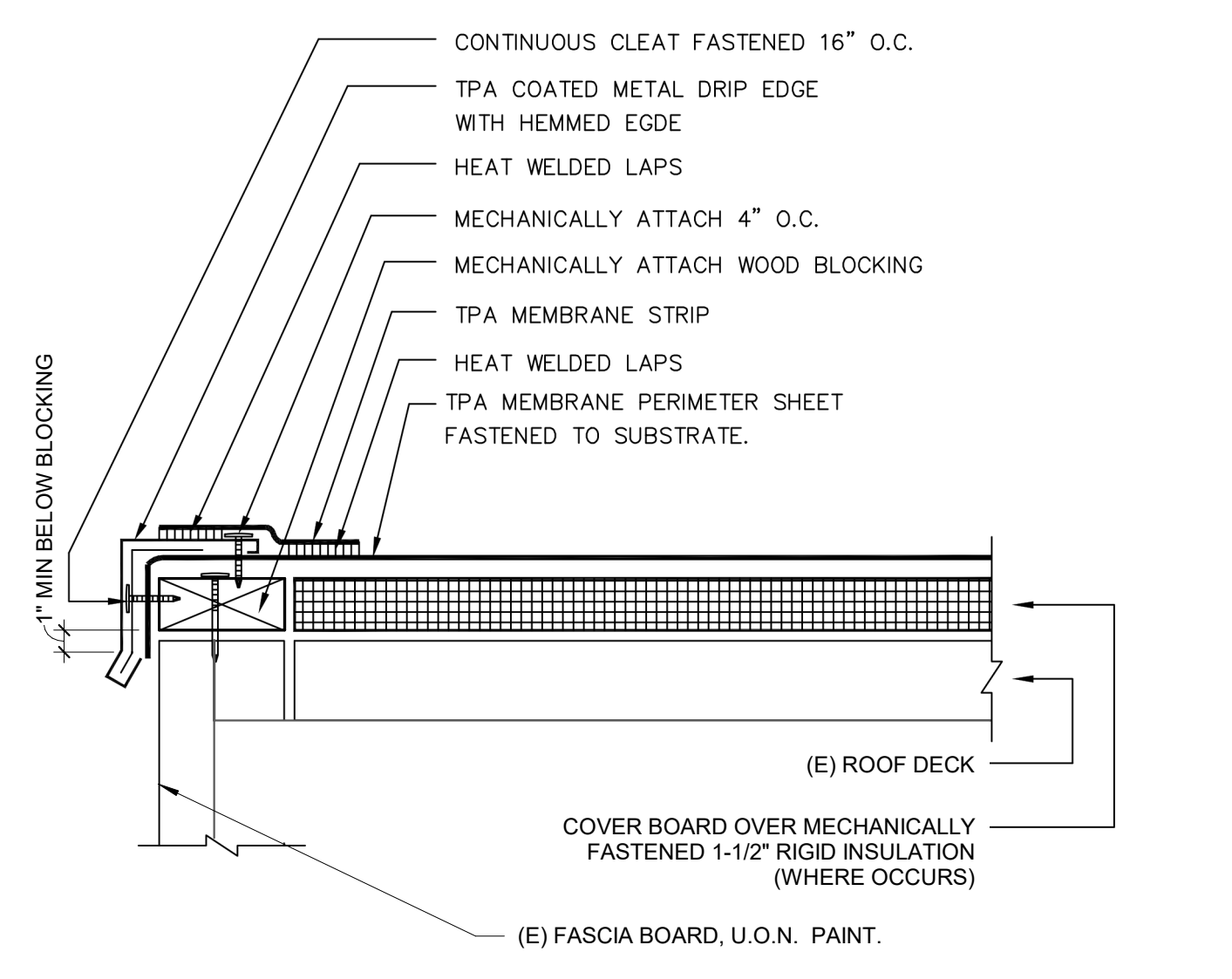


**A1** TYP GUTTER PROFILE  
3" = 1'-0"



**C2** ROOF EDGE WITH GUTTER  
12" = 1'-0"

- NOTE:  
1. ALL METAL SURFACES SHALL BE PRIMED BEFORE CONTACT WITH ANY ADHESIVE OR MASTIC.



**E2** HORIZ. ROOF EDGE W/O GUTTER  
12" = 1'-0"

- NOTES:  
1) MAX. FACE DIMENSION SHOULD BE 5" TO PREVENT DISTORTION FROM "OIL CANNING." IF SURFACE DISTORTION IS ACCEPTABLE, FACE DIMENSION MAY BE INCREASED TO 8".  
2) FOR FASCIA'S GREATER THAN 8" INSTALL IN TWO SECTIONS.



PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
6254 13TH STREET  
SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE: <b>ROOF DETAILS</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN 5, 2024	<b>A561</b>
REVISION:	



**STRUCTURAL ABBREVIATIONS**

AB	ANCHOR BOLTS	LFRS	LATERAL FORCE RESISTING SYSTEM
AC	ASPHALTIC CONCRETE	LLH	LONG LEGS
AFF	ABOVE FINISH FLOOR	LLV	LONG LEGS
BN	BOUNDARY NAILING	LP	LOW POINT
BEV	BEVELED	LS	LAS SCREWS
BOC	BOTTOM OF CONCRETE	LT/PT	LIGHT HEIGHT LAMINATED VENEER LUMBER
BOF	BOTTOM OF FOOTING	MJ	MECHANICAL JOINT
CIP	CAST IN PLACE CONCRETE	(N)	NEW
CJ	CONCRETE JOINT	NIC	NOT IN CONTRACT
CP	COMPLETE JOINT	NIS	NOT TO SCALE
CL	CENTER LINE	NSG	NON SKIRM GROUT
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER
COL	CONCRETE CONNECTION	OD	OUTSIDE DIAMETER
CONN	CONCRETE CONNECTION	OSB	ORIENTED STRAND BOARD
DF	DOUGLAS FIR	OWSS	OPEN WEB STEEL GIRDER
EA	EACH SIDE	OWSJ	OPEN WEB STEEL JOINT
EB	EACH FACE	OWSS	OPEN WEB STEEL GIRDER
EF	EACH WAY	OWSS	OPEN WEB STEEL GIRDER
EJ	EXPANSION JOINT	PCG	PRECAST CONCRETE
EOS	EDGE OF SLAB	PSF	POUNDS PER SQUARE FOOT
ES	EDGE NAILING	PSI	POUNDS PER SQUARE INCH
FA	FRAMING ANCHOR	PT	PRESSURE TREATED POINT
FD	FLOOR DRAIN	PK	PLYWOOD
FF	FINISH FLOOR	R	RADIUS
FLG	FLANGE	SAD	SEE ARCHITECTURAL DRAWINGS
FN	FIELD NAILING	SDST	SELF DRILLING SELF TAPPING
FOC	FACE OF CONCRETE	SIM	SIMILAR
FOM	FACE OF MASONRY	SLCJ	SLIP CONTROL JOINT
FOS	FACE OF STUD	SLH	SHORT LEG
GLB	GLUE LAMINATED BEAM	SLV	HORIZONTAL SHORT LEG
GSM	GALVANIZED SHEET	SMD	SEE MECHANICAL DRAWINGS
GT	GIRDER	SOB	SLAB ON GRADE
HAS	HEADED ANCHOR	SP	STRUCTURAL STEEL
HP	HOT DIPPED GALVANIZED	SS	STAINLESS STEEL
HQB	HIGH POINT	T24	TITLE 24 CALIFORNIA CODE
HSB	HIGH STRENGTH BOLT	TOC	TOP OF CONCRETE
HT	HOLLOW STRUCTURAL SECTION	TOS	TOP OF FOOTING
ID	INSIDE DIAMETER	TOH	TOP OF MASONRY
JT	JACK TRUSS	TOB	TOP OF BRICK
		TOV	TOP OF VERGIC
		UNO	UNLESS NOTED OTHERWISE
		VIF	VERIFY IN FIELD
		WS	WATER STOP
		WVF	WELDED WIRE FABRIC
		WPI	WEAKENED PLANE JOINT

**EXPANSION ANCHOR**  
**ADHESIVE ANCHOR NOTES**

- WHERE "EPOXY" OR "EXPANSION" ANCHORS ARE INDICATED IN DRAWINGS THESE NOTES & SCHEDULE (A) (B) SHALL APPLY.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS GIVEN IN THE ICC REPORT.
- PERIODIC SPECIAL INSPECTION IS REQUIRED, UNLESS NOTED OTHERWISE IN THESE DRAWINGS. VERIFICATION OF THE FOLLOWING IS REQUIRED DURING SPECIAL INSPECTION:
  - ANCHOR TYPE AND DIMENSIONS.
  - CONCRETE TYPE AND COMPRESSIVE STRENGTH.
  - HOLE DIMENSIONS AND HOLE CLEANING PROCEDURES.
  - ANCHOR SPACING, EDGE DISTANCES, CONCRETE/MASONRY THICKNESS, AND ANCHOR EMBEDMENT DEPTH.
  - TIGHTENING TORQUE.
  - COMPLIANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
- WHEN INSTALLING DRILLED IN ANCHORS IN EXISTING CONCRETE OR MASONRY, USE CARE & CAUTION TO AVOID CUTTING OR DAMAGING EXISTING REINFORCING BARS.
- ALL POST INSTALLED EXPANSION & ADHESIVE ANCHORS SHALL BE TESTED TO THE VALUES GIVEN IN THE SCHEDULE.
  - SILL BOLTING APPLICATIONS: 10% OF THE ANCHORS SHALL BE TESTED.
  - NON STRUCTURAL APPLICATIONS: 50% OF THE ANCHORS SHALL BE TESTED. IF ANY ANCHOR FAILS TESTING, ALL ANCHORS OF THE SAME TYPE NOT PREVIOUSLY TESTED SHALL BE TESTED UNTIL 20 CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TESTING FREQUENCY.
- THE TESTING OF THE ANCHORS SHALL BE DONE BY THE TESTING LABORATORY IN THE PRESENCE OF THE PROJECT INSPECTOR & A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE GOVERNING AGENCY AND ARCHITECT/STRUCTURAL ENGINEER.

**ADHESIVE ANCHORS**

SEE ARCHITECTURAL DRAWINGS

HIT-RE 500-V3 EPOXY ADHESIVE ANCHOR  
ICC ESR #3914 (REVISED 2021)

REBAR/BOLT SIZE	MINIMUM EMBEDMENT*	MINIMUM CONCRETE THICKNESS	MAX EMBEDMENT	MINIMUM SPACING AND EDGE DISTANCE	FULL TEST VALUE AT MIN EMBEDMENT (LBS)	PULL TEST VALUE AT MIN EMBEDMENT (LBS)
#3 OR 3/8"	2 3/8"	3 5/8"	1 1/2"	1 1/8"	1600	
#4 OR 1/2"	2 3/4"	4"	10"	2 1/2"	2250	
#5 OR 5/8"	3 1/8"	4 5/8"	12 1/2"	3 1/8"	2400	
#6 OR 3/4"	3 1/2"	5 1/2"	15"	3 3/4"	3600	
#7 OR 7/8"	3 1/2"	5 1/2"	17 1/2"	4 3/8"	4000	
#8 OR 1"	4"	6 1/4"	20"	5"	4850	

- NOTES:
- MINIMUM F'c = 2500 PSI.
  - DESIGN BASED ON CRACKED CONCRETE.
  - VALUES FOR REBAR, -ASTM A615-GRADE 60 MIN.
  - ASSUMES ALL HOLES TO BE DRILLED BY A HAMMER DRILL WITH A CARBIDE BIT.
  - \*FOR DEEPER EMBEDMENTS THE MINIMUM MEMBER THICKNESS MUST BE INCREASED BY THE SAME AMOUNT.
  - FULL TEST VALUES FOR EMBEDMENTS GREATER THAN MIN ARE INDICATED IN TABLE.

**EXPANSION ANCHORS**

HILTI Kwik-Bolt-TZ 2  
ICC ESR #4266

SIZE	NOMINAL EMBEDMENT*	MINIMUM CONCRETE THICKNESS	MINIMUM EDGE DISTANCE	TORQUE TEST VALUE CARBON STEEL (FT-LBS)	TORQUE TEST VALUE STAINLESS STEEL (FT-LBS)
1/4"	1 3/4"	3 1/4"	1 1/2"	4	6
3/8"	2 1/2"	4"	4 3/8"	30	30
1/2"	2 1/2"	4"	5 1/2"	50	40
5/8"	3 3/4"	5 1/2"	11 1/2"	40	60
3/4"	4 1/2"	6"	10"	110	125

- NOTES:
- MINIMUM F'c = 2500 PSI.
  - DESIGN BASED ON CRACKED CONCRETE.
  - SPACING BETWEEN ANCHORS IS 12 DIAMETERS OR MORE.

**WOOD:**

- (SUBMIT SHOP DRAWINGS BEFORE FABRICATION OF GLU-LAM MEMBERS)
- ALL STRUCTURAL WOOD SHALL CONFORM WITH THE FOLLOWING SPECIFICATIONS:
    - DOUGLAS FIR - LARGH WESTERN LUMBER GRADING RULES WMPA.
    - SLUED LAMINATED BEAMS ANS I A101 ANS I 405 ANS I IT
    - US. PRODUCT STANDARD PS 1-H1 FOR SOFT FLYWOOD.
  - MINIMUM GRADES SHALL BE:
    - STRUCTURAL FRAMING DFH1 TYPICAL MOISTURE CONTENT TO BE < 19% AT TIME OF CONSTRUCTION COMBINATION 24F-V4 FOR SIMPLE SPANS AND COMBINATION 24F-V8 FOR CANTILEVERS & CONTINUOUS CONDITIONS.
    - ALL ROOF BEAMS SHALL HAVE 3000 FT RADIUS CAMBER UNO.
    - WALLS SHALL HAVE DOUBLE TOP PLATES LAPPED AT WALL & PARTITION INTERSECTION WITH 3x16G NAILS. SPLICE UPPER AND LOWER PLATES WITH MIN' SPLICE AS SHOWN IN TYPICAL DETAIL, UNO.
    - PROVIDE SLIP BOLDS BETWEEN JOISTS OR RAFTERS AT ALL SUPPORTS.
    - NOTCHING OF WOOD JOISTS IS NOT PERMITTED UNLESS APPROVED BY THE SEOR. HOLES BORED IN JOISTS AND RAFTERS SHALL NOT EXCEED ONE FORTH THE DEPTH OF THE MEMBER DEPTH AND SHALL BE THROUGH CENTERLINE OF THE MEMBER.
    - HOLE FOR BOLTS IN WOOD SHALL BE BORED WITH A BIT OF THE SAME NOMINAL DIAMETER AS THE BOLT - 1/16".
    - HOLES FOR LAS SCREWS SHALL BE FIRST BORED TO THE SAME NOMINAL DIAMETER & DEPTH AS THE SHANK. THE REMAINDER OF THE HOLE SHALL BE NO LARGER THAN 10% OF THE SHANK DIAMETER.
    - LAS SCREWS AND WOOD SCREWS SHALL BE SCREWED AND NOT DRIVEN INTO PLACE.
    - ALL BOLTS AND LAS SCREWS SHALL BE PROVIDED WITH METAL WASHERS UNDER HEADS & NUTS WHICH BEAR ON WOOD. APPLIES ALSO TO INSERTED EXPANDING FASTENERS - KWIK-BOLT, STRONG BOLT, ETC.

BOLT-DIA	ROUND WASHER	SQUARE WASHER
1/2"	3" DIA x 3/16"	3" SQ x .145"
5/8"	3" DIA x 1/4"	3" SQ x .25"
3/4"	3" DIA x 1/4"	3" SQ x .315"
7/8"	3 1/2" DIA x 5/16"	3" SQ x .315"
1"	4" DIA x 3/8"	3 1/2" SQ x .34"

- ALL BOLT & LAS SCREWS SHALL BE TIGHTENED AT TIME OF INSTALLATION AND RE-TIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB.
- LAY ALL STRUCTURAL PLYWOOD ON ROOF AND FLOORS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS.
- BLOCK SP JOINTS WITH 3x4 FLAT BLOCKING WHERE NOTED ON FRAMING PLANS AND WITH BLOCKING SAME SIZE AS STUDS AT WALLS.
- CROSS BRIDGING OR FULL DEPTH BLOCKING BETWEEN JOISTS OR RAFTERS 2x10 & LARGER REQUIRED AT 8'-0" O.C. MAXIMUM.
- WHERE FRAMING HANGERS ARE REQUIRED & ARE NOT SHOWN ON SECTIONS, DETAILS OR PLANS, THE FOLLOWING SIMPSON HANGERS SHALL BE USED. SLOPE, SKER, TURN IN FLANGES & PROVIDE TOP FLANGE HANGERS AS REQD.
  - 2x & 3x MEMBERS U HANGERS
  - 4x MEMBERS HJ HANGERS
  - 6x MEMBERS HUTT HANGERS
  - 1 JOIST MEMBERS BA HANGERS
  - GLU LAM MEMBERS LES HANGERS
  - 6x & 6x POSTS PFL/PT/2 POST CAPS
- ALL METAL HARDWARE SHALL BE MANUFACTURED BY SIMPSON STRONG TIE COMPANY. ALL ITEMS SHALL BE INSTALLED PER SIMPSON SPECIFICATIONS. FILL ALL HOLES WITH METAL HARDWARE WITH SPECIFIED FASTENERS, UNO.
- WOOD SYMBOLS:
  - CONTINUOUS
  - BLOCKING
- NAILS FOR ALL STRUCTURAL FRAMING SHALL BE AS SPECIFIED BELOW.
 

MARK	NAIL TYPE	DIA.	LENGTH
8d	8d COMM	0.131"	2 1/2"
10d	10d COMM	0.148"	3"
16d	16d COMM	0.162"	3 1/2"
20d	20d COMM	0.192"	4"

- ALL FASTENERS FOR PRESSURE-PRESERVATIVE TREATED & FIRE-RETARDANT TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.
- SILL BOLTS TO HAVE SQUARE STEEL WASHERS AS INDICATED IN TABLE ABOVE.
- ALL WOOD MEMBERS IN DIRECT CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. MATERIAL TREATED W/ ARGENIC CONTENT ARE NOT NOT PERMITTED (CCA & ACA).
- MINIMUM FASTENINGS OF SHEATHING TO SUPPORTING MEMBERS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON DRAWINGS.

SHEATHING THICKNESS - t	EDGE FASTENINGS	FIELD FASTENINGS	WOOD
1" < 3/8"	8d @ 6" O.C.	8d @ 12" O.C.	WOOD
3/8" < 1" < 3/4"	10d @ 6" O.C.	10d @ 12" O.C.	WOOD
1" < 3/8"	#8 FLATHEAD SDS @ 6" O.C.	#8 FLATHEAD SDS @ 12" O.C.	COLD FORMED STEEL
3/8" < 1" < 3/4"	#8 FLATHEAD SDS @ 6" O.C.	#8 FLATHEAD SDS @ 12" O.C.	COLD FORMED STEEL

**CONCRETE AND REINFORCING STEEL:**

- (SUBMIT REBAR SHOP DRAWINGS PRIOR TO FABRICATION)
- CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-19 AS MODIFIED BY CBC.
  - THE MINIMUM 28 DAY STRENGTH AND TYPE OF CONCRETE SHALL BE AS FOLLOWS:
    - SLAB ON GRADE 4000 PSI (150 PCF)
    - CEMENT SHALL CONFORM TO ASTM C150-18, TYPE II - V.
    - CONCRETE AGGREGATES SHALL CONFORM TO ASTM C89-18.
    - NATURAL SAND AND ROCK AGGREGATES SHALL CONFORM TO ASTM C89-18.
    - REINFORCING SHALL CONFORM TO ASTM A615 - GRADE 60, UNO.
    - WELDING OF REINFORCING STEEL SHALL CONFORM TO AWS D1.4-18 USING PROPER LOW HYDROGEN ELECTRODES. TACK WELDING TO REBAR IS STRICTLY PROHIBITED. SEE REBAR WELDING NOTE.
    - REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND INSTALLED ACCORDING TO "MANUAL OF STANDARD PRACTICE OF REINFORCED CONCRETE CONSTRUCTION" BY THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI).
    - WIRE FABRIC SHALL CONFORM TO ASTM A1064-17.
    - DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF MAIN BARS AND DENOTE CLEAR COVERAGE. CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO ON DRAWINGS.
      - CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) ..... 3"
      - CONCRETE EXPOSED TO GROUND BUT PLACED IN FORMS ..... 2"
      - SLABS (ON GROUND) ..... POSITION IN CENTER OF SLAB
    - ALL BARS SHALL HAVE A CLASS B MINIMUM SPLICE LAP UNO. SEE TABLE IN THESE DRAWINGS.
    - GENERAL:
      - NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIFICALLY DETAILED.
      - REFER TO ARCHITECTURAL, STRUCTURAL, CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS FOR ALL MOULDS, GROOVES, ORNAMENTS, CLIPS AND GROUNDS TO BE CAST IN CONCRETE.
    - CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SANDBLASTING OR HOISING THE SURFACE 4 TO 6 HOURS AFTER THE POUR WITH A FINE SPRAY.
    - REMOVE ALL DEBRIS FROM THE FORMS BEFORE PLACING ANY CONCRETE.
    - REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE. OBTAIN APPROVAL OF ALL AFFECTED TRADES PRIOR TO PLACING CONCRETE.
    - MAXIMUM FREE FALL OF CONCRETE SHALL BE 4'-0".
    - WALLS SHALL BE PLACED IN HORIZONTAL LAYERS OF 2'-0" MAX DEPTH.
    - NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE COVERED W/ CONC.
    - CONCRETE MIX DESIGN SHALL BE PREPARED PER CBC CHAPTER 19 AND REVIEWED BY THE STRUCTURAL ENGINEER AT LEAST 3 WORKING DAYS PRIOR TO PLACEMENT.
    - WELDED WIRE FABRIC SHALL BE LAP SPLICED TWO SQUARES MIN. EACH DIRECTION.
    - NOTIFY THE STRUCTURAL ENGINEER 48 HOURS PRIOR TO PLACING CONCRETE.
    - CONTRACTOR TO SUBMIT PROPOSED CONTROL AND CONSTRUCTION JT LOCATION TO STRUCTURAL ENGINEER PRIOR TO CONCRETE POUR. SPACING SHALL BE BETWEEN 24 AND 30 TIMES THE SLAB THICKNESS MAXIMUM.

**GENERAL NOTES:**

- CONSTRUCTION SHALL CONFORM TO THE 2022 CALIFORNIA BUILDING CODE, CBC.
- NOTES AND DETAILS ON TYPICAL SHEETS SHALL APPLY UNLESS OTHERWISE SHOWN OR NOTED ON PLANS.
- CONTRACTOR SHALL NOT SCALE DRAWINGS FOR SIZES, LENGTHS, CLEARANCES, ETC.
- DETAILS OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME NATURE AS SHOWN FOR A SIMILAR CONDITION.
- PRIOR TO FABRICATION SHOP DRAWINGS, SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER ON ALL STRUCTURAL STEEL, REINFORCING STEEL, STAIRS, GLUE-LAMINATED BEAMS, CONCRETE MIX PROPORTIONS. SHOP DRAWINGS SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS AND THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL HE INTENDS TO FURNISH AND INSTALL, AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS INTENDED FOR USE. DUPLICATION OF DESIGN DRAWINGS FOR THE PURPOSE OF SHOP DRAWINGS IS NOT ACCEPTABLE, AND CAUSE FOR REJECTION.
- SAFETY NOTE:
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
  - THE STRUCTURAL ENGINEER DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE REQUIREMENTS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
- CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL SAID CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES. IF NOT RESOLVED PRIOR TO BID, THE MOST STRINGENT CONDITION WILL APPLY.
- REVIEW OF FIRE SPRINKLER SHOP DRAWINGS, CALCULATIONS AND THE FOLLOW-UP CERTIFICATION LETTER REQUIRED BY THE FIRE MARSHALL IS NOT INCLUDED IN THE SERVICES OF THE STRUCTURAL ENGINEER OF RECORD. THE COST OF THIS REVIEW WILL BE CHARGED TO THE SUBCONTRACTOR RESPONSIBLE FOR THE DESIGN. THIS TEST MUST BE RECEIVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMPLETION OF THIS TASK.

**DESIGN LOADS:**

CODE: 2022 CALIFORNIA BUILDING CODE (CBC)

**LIVE LOADS:**

ROOF ..... 20.0 PSF (REDUCIBLE)  
FLOOR ..... 50.0 PSF (REDUCIBLE)

**WIND:**

BASIC WIND SPEED V (3 SEC GUST) = 100 MPH  
RISK CATEGORY:  I  II  III  IV  
EXPOSURE ..... C

ENCLOSURE CLASSIFICATION	INTERNAL PRESSURE COEFFICIENT (icp1)
<input type="checkbox"/> ENCLOSED	+0.18, -0.18
<input type="checkbox"/> PARTIALLY ENCLOSED	+0.55, -0.55
<input type="checkbox"/> PARTIALLY OPEN	+0.18, -0.18
<input type="checkbox"/> OPEN	0.00

VELOCITY PRESSURE qh = 19.0 PSF  
COMPONENTS & CLADDING:

\*WIND PRESSURE FOR BUILDING ELEMENTS (16.0 PSF MINIMUM)

DESIGN WIND PRESSURE (PSF)	* DESIGN PRESSURE IS FOR EFFECTIVE WIND AREA < 10 SQ FT. PRESSURE CAN BE REDUCED FOR LARGER AREAS AS PER ASCE 7-16
ROOF	** - PRESSURE FOR < 2.0 SQ FT EFF AREA
ZONE 1	16.0, -35.1
ZONE 2	16.0, -42.1
ZONE 3	16.0, -64.2
WALL	
ZONE 4	20.5, -22.2
ZONE 5	20.5, -21.4

**SEISMIC:**

BASIC SEISMIC RESISTING SYSTEM TYPE: A1T  
DESCRIPTION: LIGHT FRAMED WOOD WALLS SHEATHED WITH SHEAR PANELS OF ALL OTHER MATERIALS

SEISMIC IMPORTANCE FACTOR Ie	SITE CLASS	RISK CATEGORY	SEISMIC DESIGN CATEGORY
<input type="checkbox"/> 1.00	<input type="checkbox"/> A	<input type="checkbox"/> I	<input type="checkbox"/> A
<input checked="" type="checkbox"/> 1.25	<input type="checkbox"/> B	<input type="checkbox"/> II	<input type="checkbox"/> B
<input type="checkbox"/> 1.50	<input type="checkbox"/> C	<input checked="" type="checkbox"/> III	<input type="checkbox"/> C
	<input type="checkbox"/> D	<input type="checkbox"/> IV	<input checked="" type="checkbox"/> D
	<input type="checkbox"/> E		<input type="checkbox"/> E
	<input type="checkbox"/> F		<input type="checkbox"/> F

MAPPED MAXIMUM CONSIDERED SPECTRAL RESPONSE ACCELERATIONS: Ss = 0.544  
S1 = 0.260

DESIGN SPECTRAL RESPONSE ACCELERATIONS PARAMETERS: Sps = 0.527  
Spt = 0.361

ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE PER 12.5-ASCE 7-16

SEISMIC RESPONSE COEFFICIENT Cp = 0.3246

RESPONSE MODIFICATION FACTOR R = 2.0

SYSTEM OVER STRENGTH FACTOR Ωp = 2.5

DEFLECTION AMPLIFICATION FACTOR Cd = 2.0

DESIGN BASE V = Cp W SHEAR



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Fax: (916) 446-5118  
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ARCHITECT: CONSULTANT:



CONSULTANT:



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(916) 462-8200  
(916) 462-9252 (FAX)

**CAMPUS RENEWAL**

PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
6254 13TH STREET  
SACRAMENTO, CA 95831

**SACRAMENTO CITY UNIFIED SCHOOL DISTRICT**

**SACRAMENTO COUNTY**

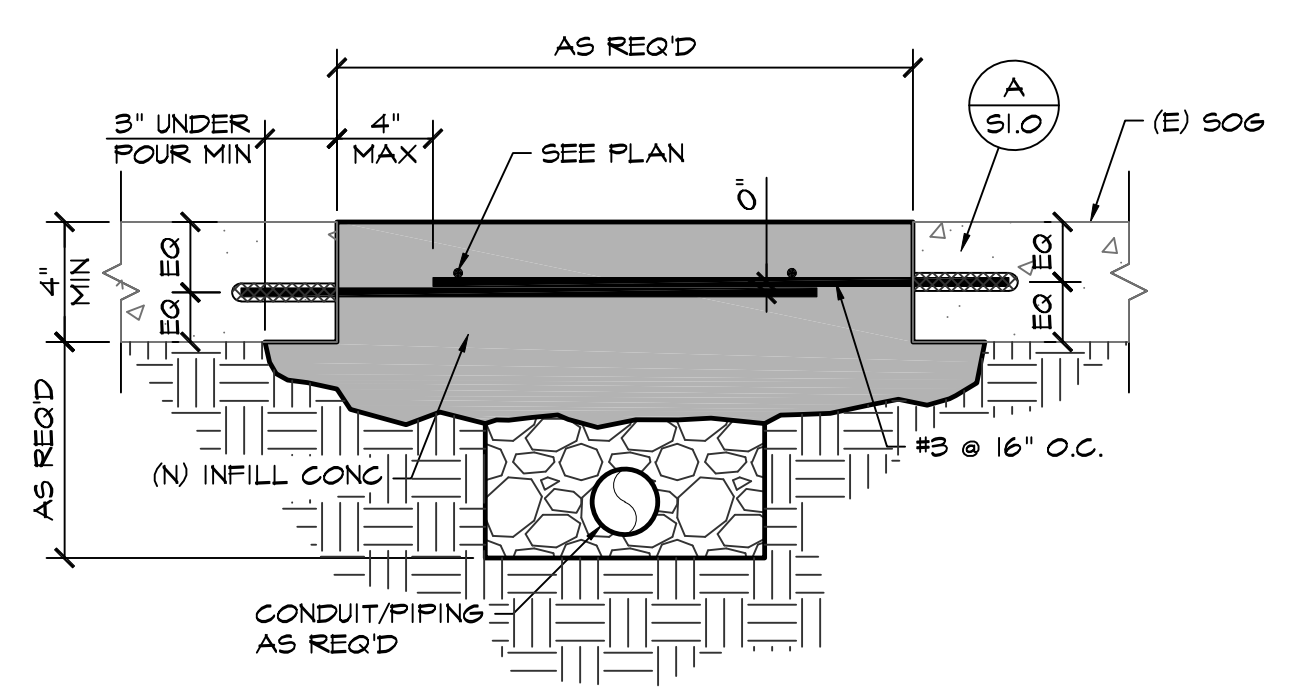
KEY PLAN:

SHEET TITLE:  
**NOTES, PLAN AND DETAILS**

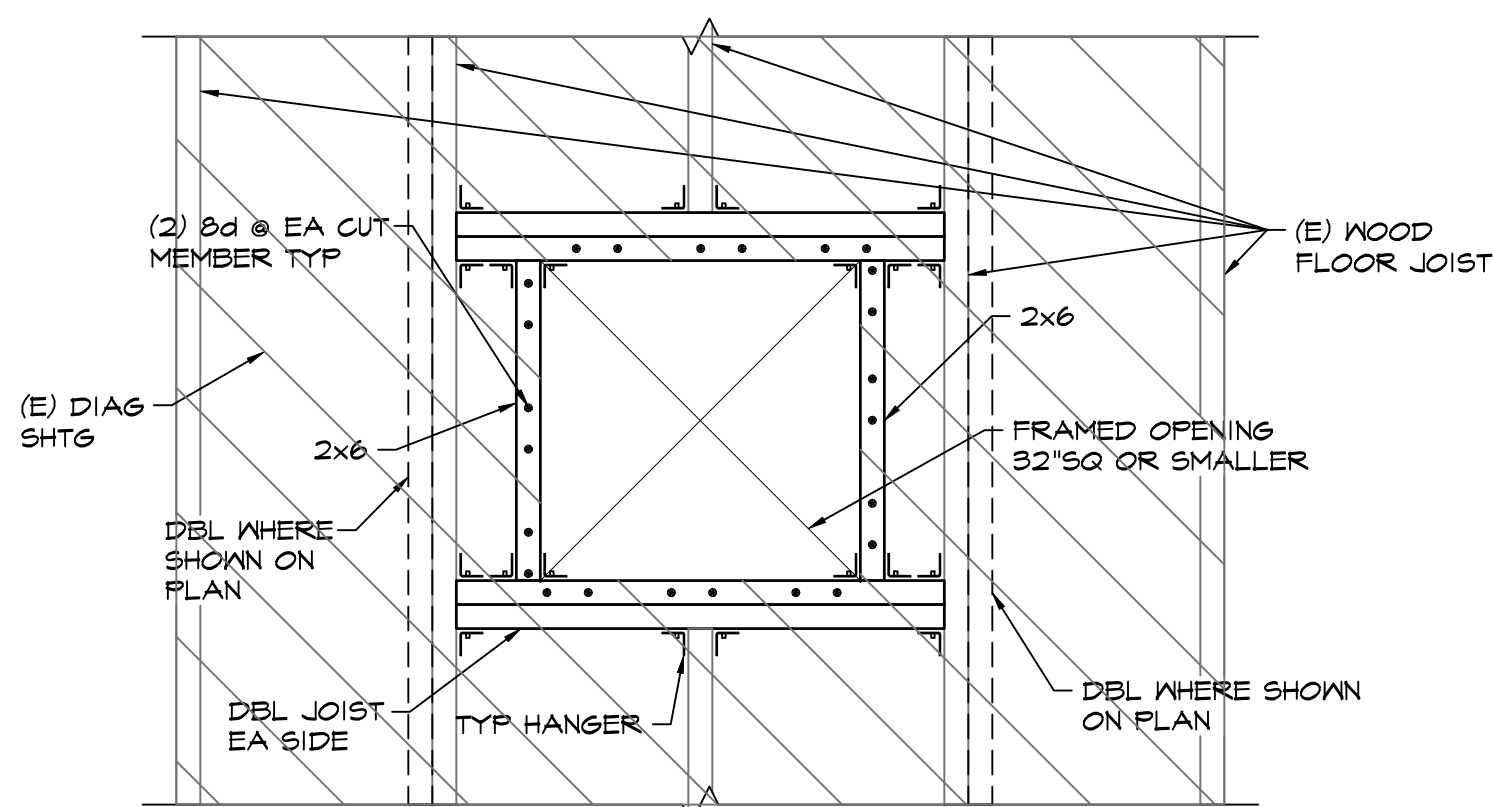
JOB NUMBER: 2023-128  
DATE: DEC 22, 2023  
REVISION:

SHEET NUMBER: **S1.0**

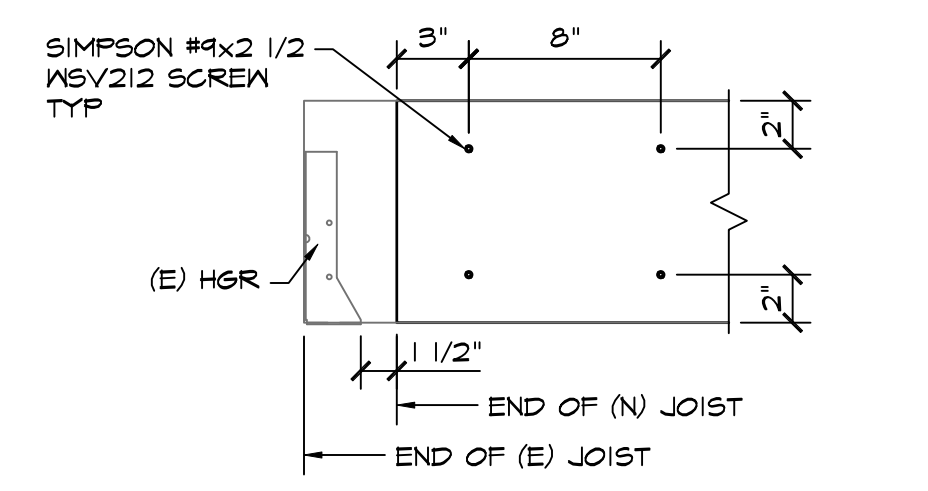




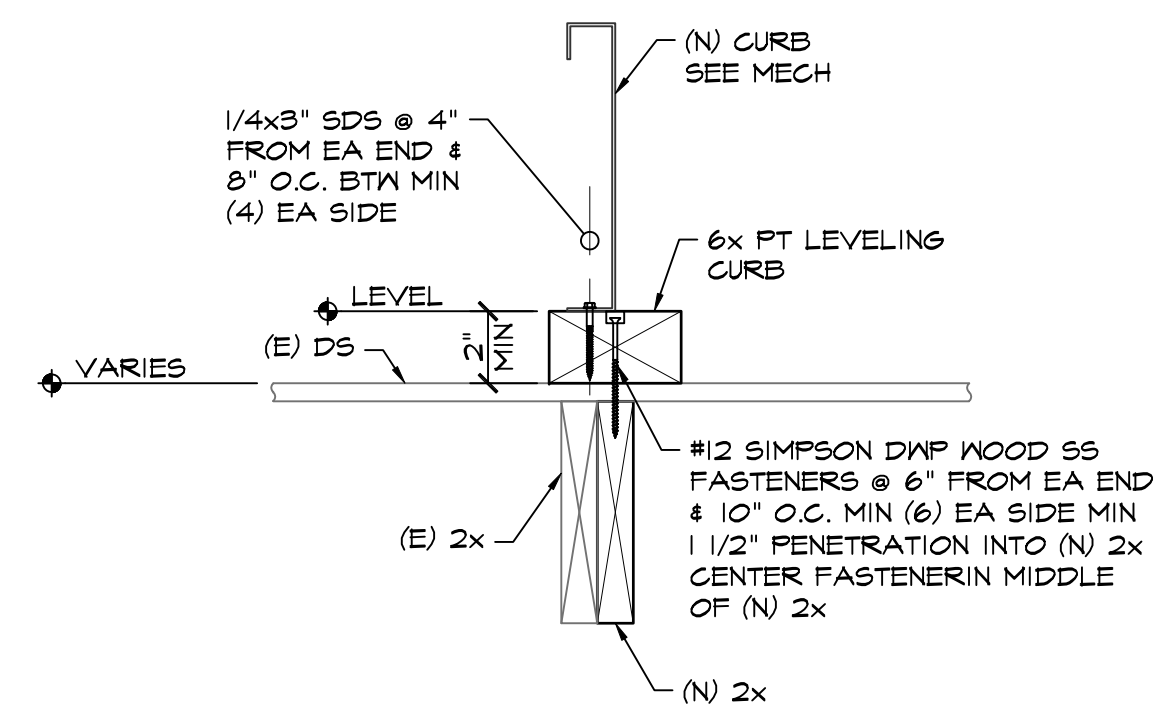
**4**  
S2.0  
SLAB INFILL  
DETAIL  
1 1/2" = 1'-0" 12/20/03



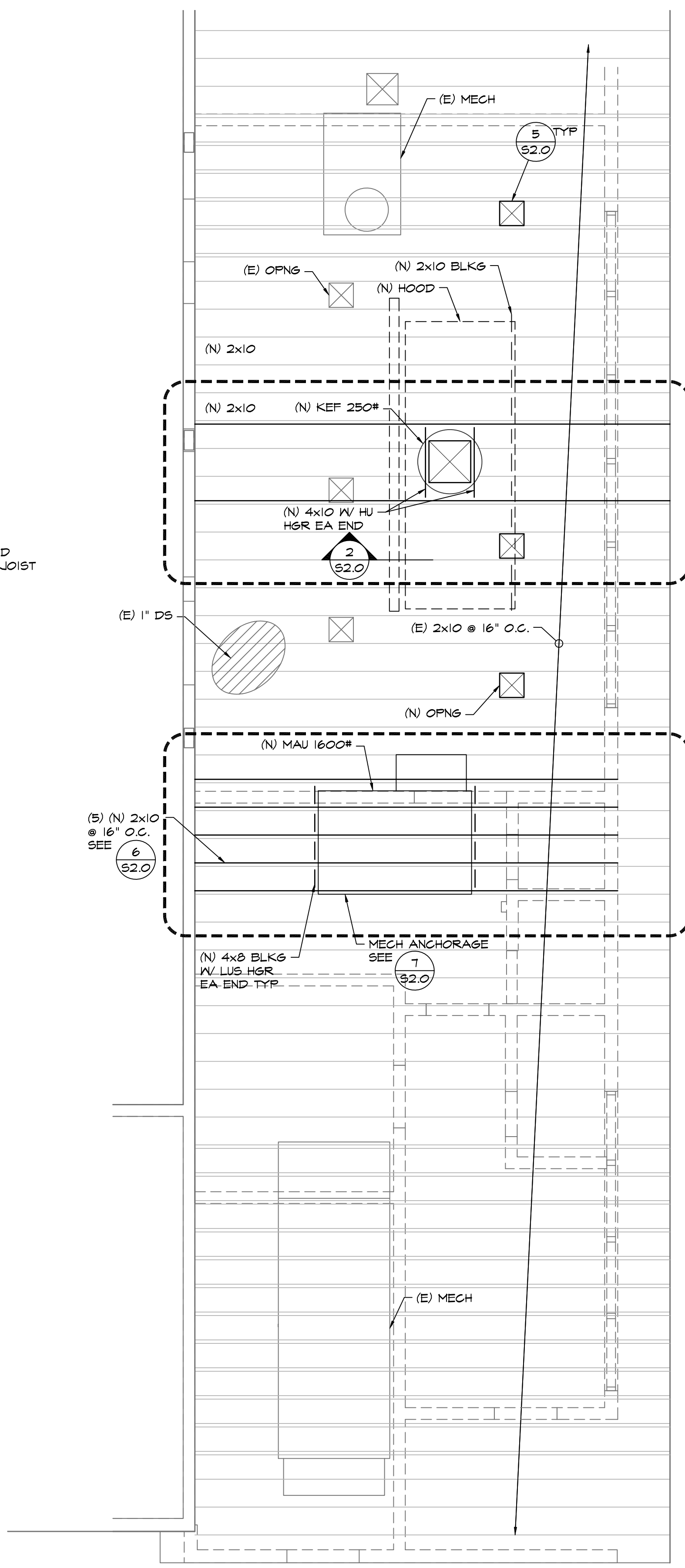
**5**  
S2.0  
TYPICAL FLAT FRAMED ROOF & FLOOR OPENING  
DETAIL  
1" = 1'-0" 12/20/03



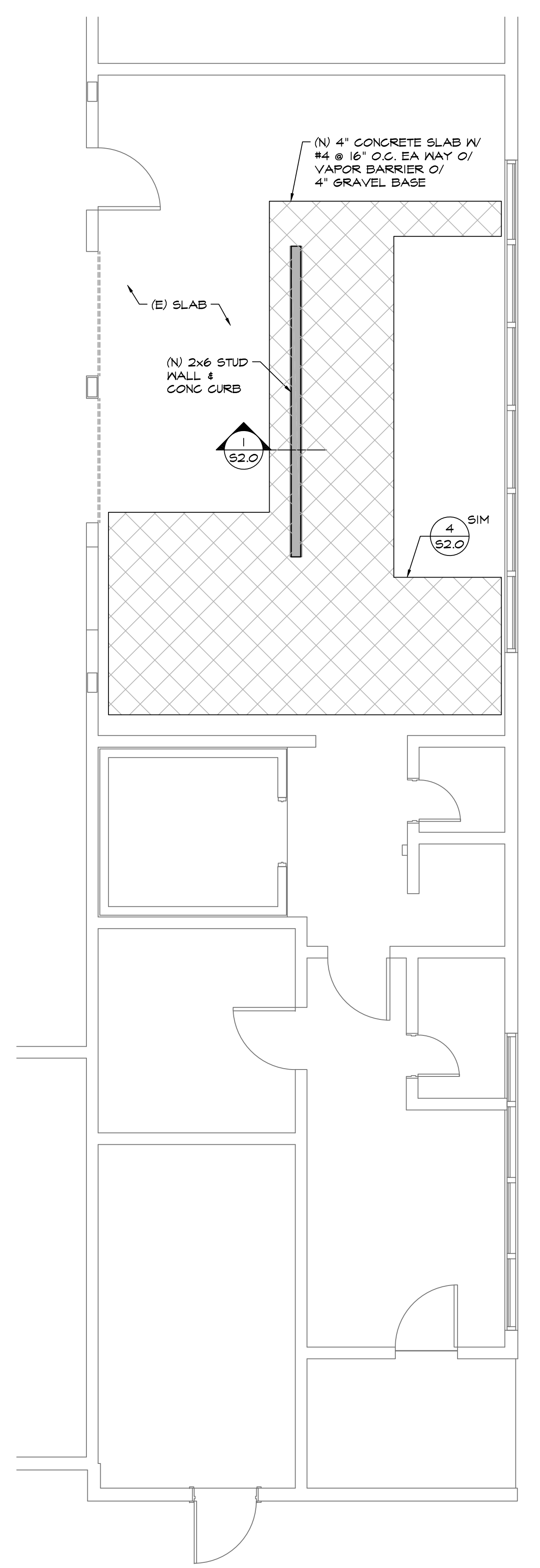
**6**  
S2.0  
DBL JOIST  
DETAIL  
1 1/2" = 1'-0" 12/20/03



**7**  
S2.0  
DETAIL  
1 1/2" = 1'-0" 12/20/04

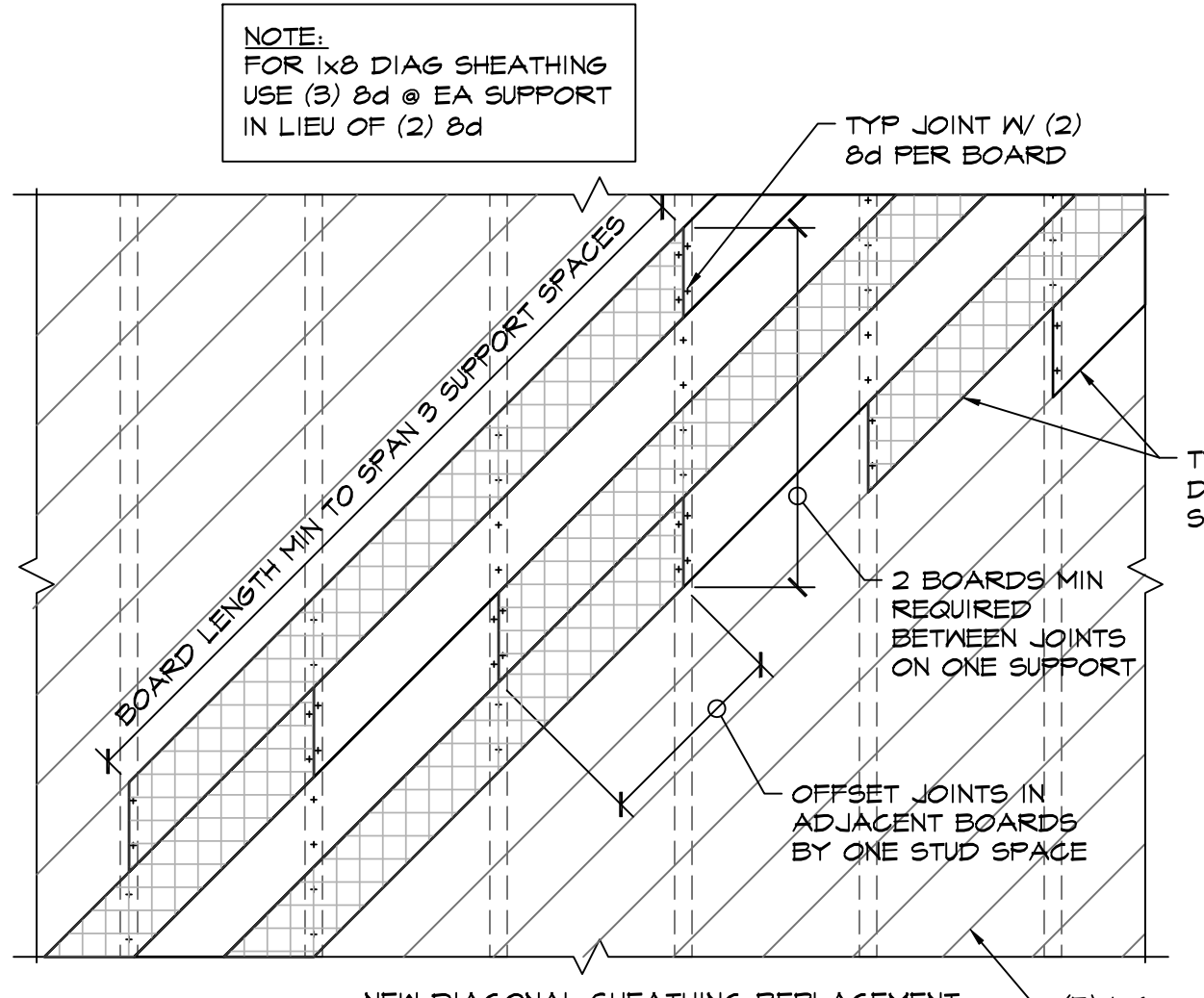


**B**  
S2.0  
ROOF FRAMING PLAN  
1/4" = 1'-0"

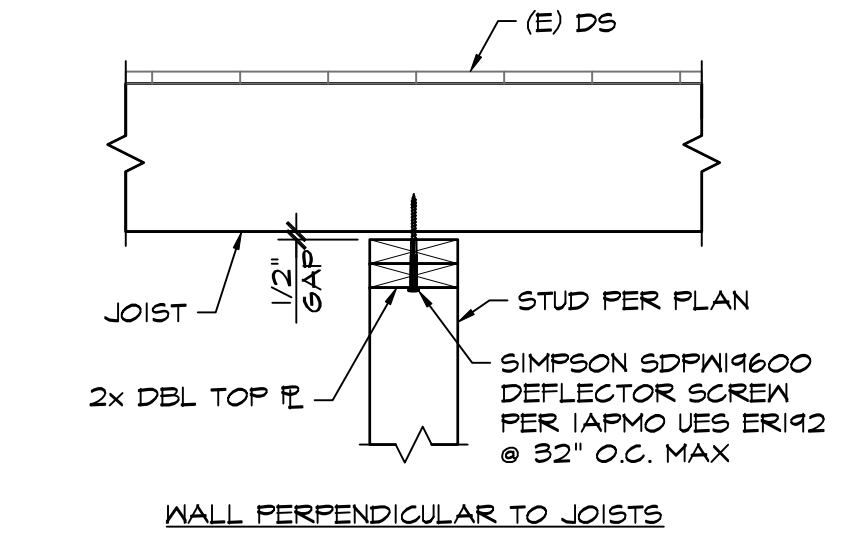


**A**  
S2.0  
SLAB AND CURB PLAN  
1/4" = 1'-0"

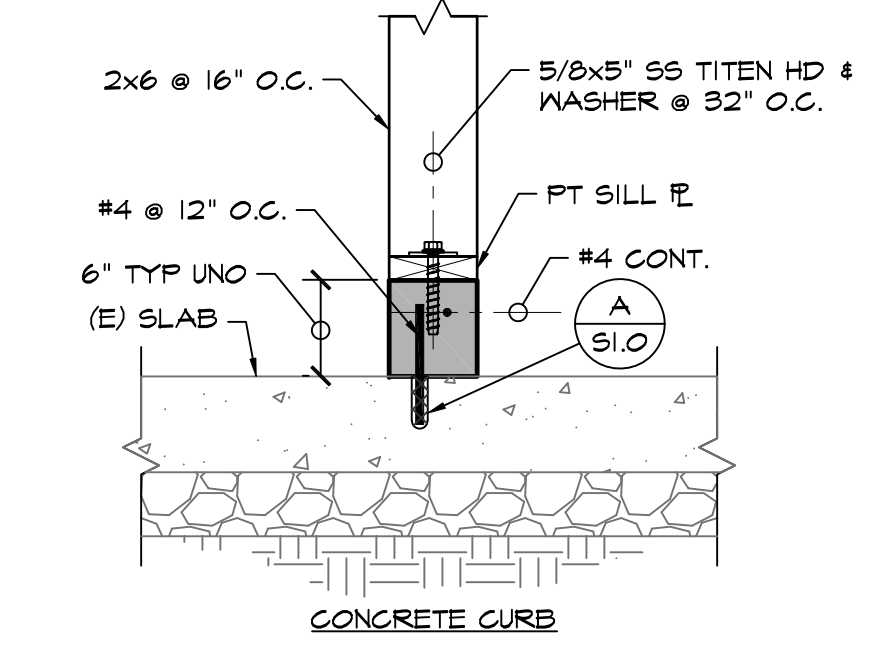
**LEGEND**  
 — INDICATES NEW STUD WALL  
 — INDICATES EXISTING STRUCTURE



**3**  
S2.0  
NEW DIAGONAL SHEATHING REPLACEMENT  
DETAIL  
3/4" = 1'-0" 12/20/23



**2**  
S2.0  
NON-BEARING WALL  
DETAIL  
1" = 1'-0" 12/20/01



**1**  
S2.0  
DETAIL  
1" = 1'-0" 12/20/02



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ARCHITECT: CONSULTANT:



CONSULTANT:



PROJECT NAME:

**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
 6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

SACRAMENTO COUNTY

KEY PLAN:

**PLANS AND DETAILS**

JOB NUMBER: 2023-128	SHEET NUMBER: <b>S2.0</b>
DATE: DEC 22, 2023	
REVISION:	



### MECHANICAL NOTES

- MECHANICAL AND PLUMBING DETAILS APPLY TO ALL BUILDINGS WHETHER REFERENCED OR NOT.
- PROVIDE FIRE STOPPING ASSEMBLY PROTECTION FOR DUCT AND PIPE PENETRATIONS OF RATED ASSEMBLIES. FIRE STOP RATING SHALL MATCH RATED ASSEMBLY BEING PENETRATED.
- CONTRACTOR TO OFFSET DUCTWORK AND PIPING AROUND SKYLIGHTS.
- CONTRACTOR TO OFFSET DUCTWORK AND PIPING AROUND ROOF ACCESS LADDERS.
- REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DIFFUSERS/GRILLES.
- DUCTWORK AND/OR PIPING SHALL NOT PENETRATE INTO, OVER, OR THROUGH IT CLOSETS OR ELECTRICAL ROOMS UNLESS IT SERVES THAT SPECIFIC ROOM.
- DRAWINGS SHALL BE CONSIDERED DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO SHOW EVERY OFFSET, FITTING, OR STRUCTURAL DIFFICULTY THAT MAY BE ENCOUNTERED DURING INSTALLATION OF WORK. THE CONTRACTORS SHALL COORDINATE LOCATION OF ALL DUCTWORK AND PIPING WITH ALL OTHER TRADES ON THIS PROJECT. LOCATION OF ALL ITEMS NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. EXACT LOCATIONS NECESSARY TO SECURE BEST CONDITIONS AND RESULTS MUST BE DETERMINED AT THE JOB SITE AND SHALL HAVE THE APPROVAL OF THE ARCHITECT BEFORE BEING INSTALLED.
- CEILING SUPPLY AIR DIFFUSERS TO HAVE 4-WAY BLOW PATTERN UNLESS SHOWN OTHERWISE.
- ALL VALVES SHALL BE FULL LINE SIZES UNLESS NOTED OTHERWISE.
- DUCTWORK AND PIPING (NOT REQUIRING SEISMIC RESTRAINTS) SHALL BE SUPPORTED IN ACCORDANCE TO SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL AND PLUMBING PIPING SYSTEMS".
- ACCESS PANELS SHALL BE PROVIDED AS NECESSARY TO PROPERLY ACCESS THE VALVES, EQUIPMENT, ACTUATORS, AND DAMPERS.
- REFERENCE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS, EXACT LOCATIONS OF DIFFUSERS, GRILLES, AND MOUNTING HEIGHTS.
- CONCEAL ALL PIPING AND DUCTWORK IN WALL, FURRINGS, PARTITIONS, ABOVE CEILING, EXCEPT IN MECHANICAL ROOMS OR WHERE NOTED OTHERWISE.
- THERMOSTATS TO BE INSTALLED AT 48" AFF (TOP OF THERMOSTAT). DO NOT INSTALL THERMOSTATS OVER CASEWORK OR SHELVING OVER 24" IN DEPTH AND 34" IN HEIGHT. WHEN INSTALLED ADJACENT TO ELECTRICAL DEVICES, CENTERLINE OF THERMOSTAT SHALL BE AT SAME ELEVATION AS SUCH ELECTRICAL DEVICES AND ELEVATION OF ELECTRICAL DEVICES SHALL TAKE PRECEDENCE.  
  
MOUNT ROOM CO2 SENSORS ADJACENT TO THERMOSTATS. MOUNT PRESSURE SENSORS IN CEILING NEAR TEMPERATURE SENSOR LOCATION. SEE 2M-631
- CONTRACTOR SHALL CHANGE FILTERS OF ALL INSTALLED MECHANICAL UNITS AT A MINIMUM EVERY 30 DAYS REGARDLESS OF CONDITION DURING CONSTRUCTION PERIOD UNTIL NOTICE OF COMPLETION IS APPROVED BY THE DISTRICT.

### DUCTWORK LEGEND

GENERAL DUCTWORK NOTES		
SINGLE LINE	DOUBLE LINE	NOTES / DESCRIPTION
		45° BRANCH REDUCING LATERAL LOSS
		45° REDUCING LATERAL CROSS LOSS
		90° TEE LOSS
		90° TEE CROSS LOSS
		SQUARE TO ROUND
		CONVERGING OR DIVERGING TEE, 45° ENTRY, RECTANGULAR MAIN AND BRANCH, WHEN REDUCING MAIN, SIDE OF TAKEOFF OR ENTRY BRANCH TO BE FLAT, OTHER SIDES MAX. SLOPE OF 1:3
		ROUND DUCT TAKE OFF FROM RECTANGULAR VIA SMOOTH CONVERGING BELL MOUTH
		RECTANGULAR DUCT TEE THROAT SIZED FOR EQUAL PRESSURE DROP
		VOLUME CONTROL DAMPER

#### DUCTWORK SYMBOLS

	FLEXIBLE DUCTWORK
	DUCT (FIRST FIGURE SIDE SHOWN, SECOND FIGURE SIDE NOT SHOWN)
	LINED DUCT, EXTERIOR DIMENSIONS (FIRST FIGURE SIDE SHOWN, SECOND FIGURE SIDE NOT SHOWN)
	EXHAUST AIR DUCT SECTION
	RETURN AIR DUCT SECTION
	SUPPLY AIR DUCT SECTION
	DROP IN DIRECTION OF ARROW
	RISE IN DIRECTION OF ARROW
	TURNING VANES

### MECHANICAL LEGEND

#### ABBREVIATIONS

ABC	ABOVE FINISHED CEILING	FLR	FLOOR	OC	ON CENTER
AC	AIR CONDITIONING	FPM	FEET PER MINUTE	PC	PUMPED CONDENSATE
ACU	AIR CONDITIONING UNIT	FS	FLOW SWITCH	PD	PRESSURE DROP
AD	ACCESS DOOR	FSD	FIRE SMOKE DAMPER	PF	PRE FILTER
AFF	ABOVE FINISHED FLOOR	FT	FEET	PH	PHASE
AFC	ABOVE FINISHED CEILING	GA	GAUGE	PLBG	PLUMBING
AHU	AIR HANDLING UNIT	GC	GENERAL CONTRACTOR	POC	POINT OF CONNECTION
AP	ACCESS PANEL	GALV	GALVANIZED	POD	POINT OF DISCONNECTION
APD	AIR PRESSURE DROP	GSM	GALVANIZED SHEET METAL	PRV	PRESSURE REDUCING VALVE
AVV	AUTOMATIC AIR VENT	GPH	GALLONS PER HOUR	PS	PRESSURE SWITCH
ARCH	ARCHITECT	GPM	GALLONS PER MINUTE	PSI	POUNDS PER SQUARE INCH
BAS	BUILDING AUTOMATION SYSTEM	GV	GATE VALVE	PSIG	POUNDS PER SQUARE INCH GAUGE
BDD	BACK DRAFT DAMPER	HC	HEATING COIL	R	RISER
BF	BELOW FLOOR	HP	HORSEPOWER	RA	RETURN AIR
BHP	BRAKE HORSEPOWER	HPR	HIGH PRESSURE CONDENSATE	RAD	RETURN AIR DAMPER
BOD	BOTTOM OF DUCT	RETURN	RETURN	RD	REFRIGERANT DISCHARGE
BOP	BOTTOM OF PIPE	HPS	HIGH PRESSURE STEAM, ABOVE 60 PSIG	RF	RELIEF FAN
BTUH	BRITISH THERMAL UNIT PER HOUR	HR	HOUR	RH	RELATIVE HUMIDITY
BY	BUTTERFLY VALVE	HRP	HEAT RECOVERY PUMP	RHC	REHEAT COIL
CA	COMPRESSED AIR	HRR	HEAT RECOVERY RETURN	RL	REFRIGERANT LIQUID
CAP	CAPACITY	HRS	HEAT RECOVERY SUPPLY	RLA	RUNNING LOAD AMPS
CAV	CONSTANT AIR VOLUME	HVAC	HEATING VENTILATING & AIR CONDITIONING	RM	ROOM
CC	CENTER TO CENTER	HWP	HEATING WATER PUMP	RPM	REVOLUTIONS PER MINUTE
CD	CONDENSATE DRAIN	HWR	HEATING WATER RETURN	RS	REFRIGERANT SUCTION
CEF	CEILING EXHAUST FAN	HWS	HEATING WATER SUPPLY	RTS	REFER TO SPECIFICATIONS
CFM	CUBIC FEET PER MINUTE	HXR	HEAT EXCHANGER	SA	SUPPLY AIR
CHWP	CHILLED WATER PUMP	ID	INSIDE DIAMETER	SCD	SECONDARY CONDENSATE DRAIN
CHWR	CHILLED WATER RETURN	IN WC	INCHES OF WATER COLUMN	SCH	SCHEDULE
CHWS	CHILLED WATER SUPPLY	KW	KILOWATTS	SCR	STEAM CONDENSATE RETURN
CO2	CARBON DIOXIDE	KWH	KILOWATT HOUR	SF	SUPPLY FAN
CU	CONDENSING UNIT	LAT	LEAVING AIR TEMPERATURE	SHT	SHEET
CV	CONTROL VALVE	LBS	POUNDS	SHWP	SECONDARY HEATING WATER PUMP
CWP	CONDENSING WATER PUMP	LDB	LEAVING DRY BULB	SM	SHEET METAL
CWR	CONDENSING WATER RETURN	LWB	LEAVING WET BULB	SMS	SHEET METAL SCREW
CWS	CONDENSING WATER SUPPLY	LP	LOW PRESSURE	SP	STATIC PRESSURE
D	DROP	LPR	LOW PRESSURE CONDENSATE RETURN	SPD	STATIC PRESSURE DROP
DB	DRY BULB TEMPERATURE	LRA	LOCKED ROTOR AMPS	SQFT	SQUARE FEET
DET	DETAIL	MAV	MANUAL AIR VENT	SQIN	SQUARE INCHES
DIA	DIAMETER	MAX	MAXIMUM	SS	STAINLESS STEEL
DIS	DEIONIZED (PURE) STEAM	MBH	1,000 BRITISH THERMAL UNITS PER HOUR	TA	TO ABOVE
DN	DOWN	MCC	MECHANICAL CONTRACTOR	TB	TO BELOW
DSD	DUCT SMOKE DETECTOR	MCD	MOTOR CONTROL CENTER	TCV	TEMPERATURE CONTROL VALVE
DTR	DUCT THRU ROOF	MD	MANUEL DAMPER	TG	TRANSFER GRILLE
DWG	DRAWING	MFR	MANUFACTURER	TH	THERMOMETER
(E)	EXISTING	MIN	MINIMUM	TSP	TOTAL STATIC PRESSURE
(ER)	EXISTING RELOCATED	MISC	MISCELLANEOUS	TSTAT	THERMOSTAT
EA	EXHAUST AIR	MPR	MEDIUM PRESSURE CONDENSATE RETURN	TYP	TYPICAL
EAD	EXHAUST AIR DAMPER	NEW	NEW	UON	UNLESS OTHERWISE NOTED
EAT	ENTERING AIR TEMPERATURE	NC	NORMALLY CLOSED	UG	UNDER GROUND
EF	EXHAUST FAN	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	UF	UNDER FLOOR
ELEC	ELECTRICAL	NOT IN CONTRACT	NOT IN CONTRACT	V	VOLTS
ESP	EXTERNAL STATIC PRESSURE	NO	NORMALLY OPEN	VAV	VARIABLE AIR VOLUME
ET	EXPANSION TANK	NTS	NOT TO SCALE	VD	VOLUME DAMPER
EWT	ENTERING WATER TEMPERATURE	OA	OUTSIDE AIR	VCD	VOLUME CONTROL DAMPER
*F	DEGREES FAHRENHEIT	OAD	OUTSIDE AIR DAMPER	VFD	VARIABLE FREQUENCY DRIVE
FA	FROM ABOVE	OB	OPPOSED BLADE DAMPER	VLV	VALVE
FB	FROM BELOW			WB	WET BULB
FC	FLEXIBLE CONNECTION			WPD	WATER PRESSURE DROP
FCU	FAN COIL UNIT			WMS	WIRE MESH SCREEN
FD	FIRE DAMPER			W	WITH
FF	FINAL FILTER			W/O	WITHOUT
FFU	FAN/FILTER UNIT			WT	WEIGHT
FLA	FULL LOAD AMPS			\$	ON/OFF SWITCH/STARTER

#### SYMBOLS

	CONDENSATE DRAIN		UNION
	FLOW IN DIRECTION OF ARROW		DIAMETER
	REDUCER		ROOM THERMOSTAT
	OUTSIDE AIR INTO LOUVER		ROOM CO2 SENSOR
	RETURN OR EXHAUST AIR INTO REGISTER		ROOM PRESS. SENSOR
	SUPPLY AIR FROM REGISTER		POINT OF CONNECTION
	RETURN AIR GRILLE ID SIZE CFM		POINT OF DISCONNECTION
	EXHAUST AIR GRILLE ID SIZE CFM		ROOM NAME AND NUMBER
	TRANSFER AIR GRILLE ID SIZE CFM		
	ITEM TO BE REMOVED / DEMOED		
	ITEM TO BE ABANDONED IN PLACE		

### EXHAUST FAN SCHEDULE

SYMBOL	MANUFACTURER & MODEL NUMBER	TOTAL CFM	EXTERNAL SP (INCHES W.C.)	MOTOR HP	MOTOR BHP	MOTOR RPM	ELECTRICAL	MAXIMUM UNIT WEIGHT (LBS.)	MOUNTING DETAIL
	GREENHECK MODEL: CUE-240-HP-VG	2,888	0.75	1	0.56	810	120V / 1Ø / 60 Hz	250	3/M501

NOTES:

- PROVIDE ROOF MOUNTED EXHAUST FANS WITH MANUFACTURER'S ROOF CURB, BIRDSCREEN, AND BACKDRAFT DAMPER.
- LISTED MAXIMUM UNIT WEIGHT INCLUDES ALL ACCESSORIES (ROOF CURB, BIRDSCREENS, BACKDRAFT DAMPERS, ETC.).
- KITCHEN HOOD EXHAUST FAN - PROVIDE WITH UL72 ACCESSORIES INCLUDING GREASE TROUGH AND VENTILATED/HINGED CURB EXTENSION.

### EQUIPMENT LIST

	<p>MAKEUP AIR UNIT: IAIRE MODEL UPC-F08MK8023M00A-VVY 100% OA, NOMINAL 8.5 TON HEAT PUMP UNIT TO BE PROVIDED WITH MODULATING HOT GAS REHEAT, VFD FACTORY SET, SUCTION ACCUMULATOR, LIQUID RECEIVER, 100% OA, EVAPORATOR FREEZE PROTECTION, VERTICAL DOWN DISCHARGE, ELECTRIC REHEAT, TWO COMPRESSORS WITH UNIT MODULATING AT DOWN TO 25% OF FULL CAPACITY.</p> <ul style="list-style-type: none"> <li>2,600 CFM OF OUTSIDE AIR AGAINST 0.8" ESP</li> <li>COOLING EAT 1085/70F, TOTAL CAPACITY 96 MBH, LAT 69°F DW / 58°F WB</li> <li>HEATING EAT 26F, CAPACITY AT 47°F 96 MBH / LAT 74°F</li> <li>NOMINAL 32 KW REHEAT COIL WITH MODULATING CONTROL - 15%-100% WITH APPROXIMATELY 1°F INCREMENTS.</li> <li>208 V/3Ø/60HZ MCA = 107.9A, MOCF = 110A</li> <li>2 COMPRESSORS, COMPRESSOR 1 RLA = 14.5A, COMPRESSOR B RLA = 13.7A</li> <li>INDOOR SUPPLY FAN FLA = 6.4A</li> <li>ELECTRIC HEAT FLA = 66.7A</li> <li>TWO OUTDOOR FANS = 1.5 EACH</li> </ul> <p>WEIGHT = 1,750 LBS INCLUDING WELDED CURB FOR MOUNTING SEE 4/M501</p>
--	--

### DIFFUSER / GRILLE SCHEDULE

TAG	SERVICE	MANUFACTURER / MODEL #	DISCRIPTION
S1	CEILING SUPPLY	TITUS MODEL MCD	CEILING MODULAR CORE STEEL DIFFUSER, PROVIDE 24"x24" MODULE WITH BORDER TYPE 3 FOR MOUNTING WITHIN TEE-BAR. PROVIDE BORDER TYPE 1 FOR SURFACE MOUNT. SET FOR 4-WAY BLOW PATTERN UNLESS DEPICTED OTHERWISE.
R1	SIDEWALL SUPPLY MULTI-PURPOSE	TITUS MODEL 30RL	<p>HEAVY DUTY SIDEWALL RETURN GRILLE: GRILLE TO BE AS FOLLOWS:</p> <ul style="list-style-type: none"> <li>LINEAR BAR GRILLE</li> <li>BAR TO HAVE A 0° FIXED DEFLECTION ANGLE.</li> <li>BAR TO BE SPACED AT 1/2"</li> <li>FRONT BLADES PARALLEL TO THE LONG DIMENSION.</li> <li>STEEL CONSTRUCTION WITH 14 GAUGE BLADES AND 16 GAUGE BORDER</li> <li>SUPPORT BARS 6" ON CENTER</li> <li>PROVIDE BORDER TYPE 1 FOR SURFACE MOUNTING</li> </ul>

### APPLICABLE CODES

ALL WORK PERFORMED UNDER THIS CONTRACT IS TO CONFIRM TO THE FOLLOWING CODES AND REGULATIONS:

- CALIFORNIA CODE OF REGULATIONS - TITLE 24
- CALIFORNIA BUILDING CODE, 2022
- CALIFORNIA MECHANICAL CODE, 2022
- CALIFORNIA PLUMBING CODE, 2022
- CALIFORNIA FIRE CODE, 2022
- CALIFORNIA ELECTRICAL CODE, 2022
- CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS, 2022

THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IF FORCE ON THE DATE OF THE CONTRACT, UNLESS OTHERWISE STATED. NOTHING ON THE DRAWINGS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE.

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SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

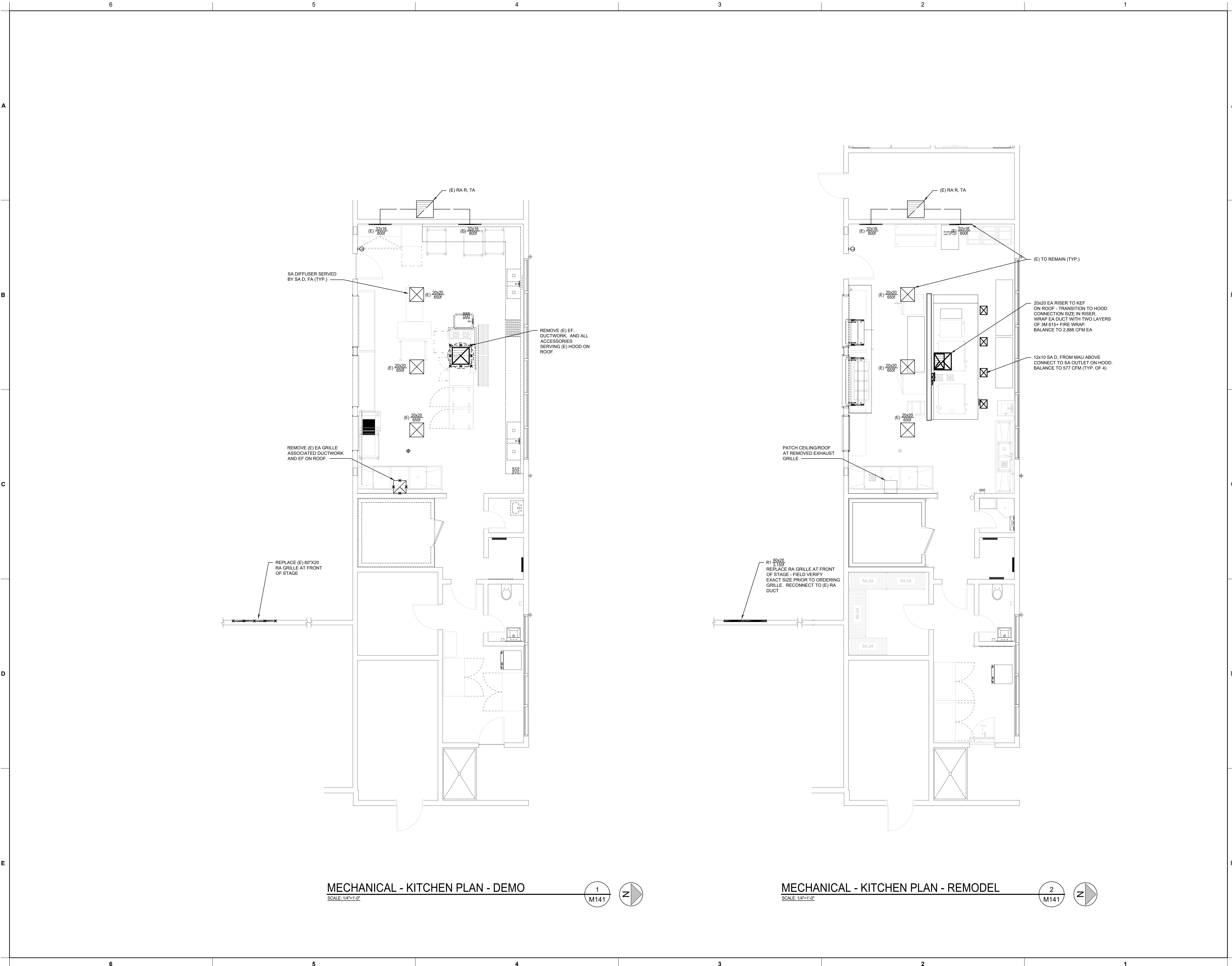
SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:  
**MECHANICAL LEGEND, SCHEDULES, AND NOTES**

JOB NUMBER: SHEET NUMBER:  
 DATE: JAN. 5, 2024  
 REVISION: **M001**





**MECHANICAL - KITCHEN PLAN - DEMO**  
 SCALE: 1/4"=1'-0"  
 1 M141

**MECHANICAL - KITCHEN PLAN - REMODEL**  
 SCALE: 1/4"=1'-0"  
 2 M141

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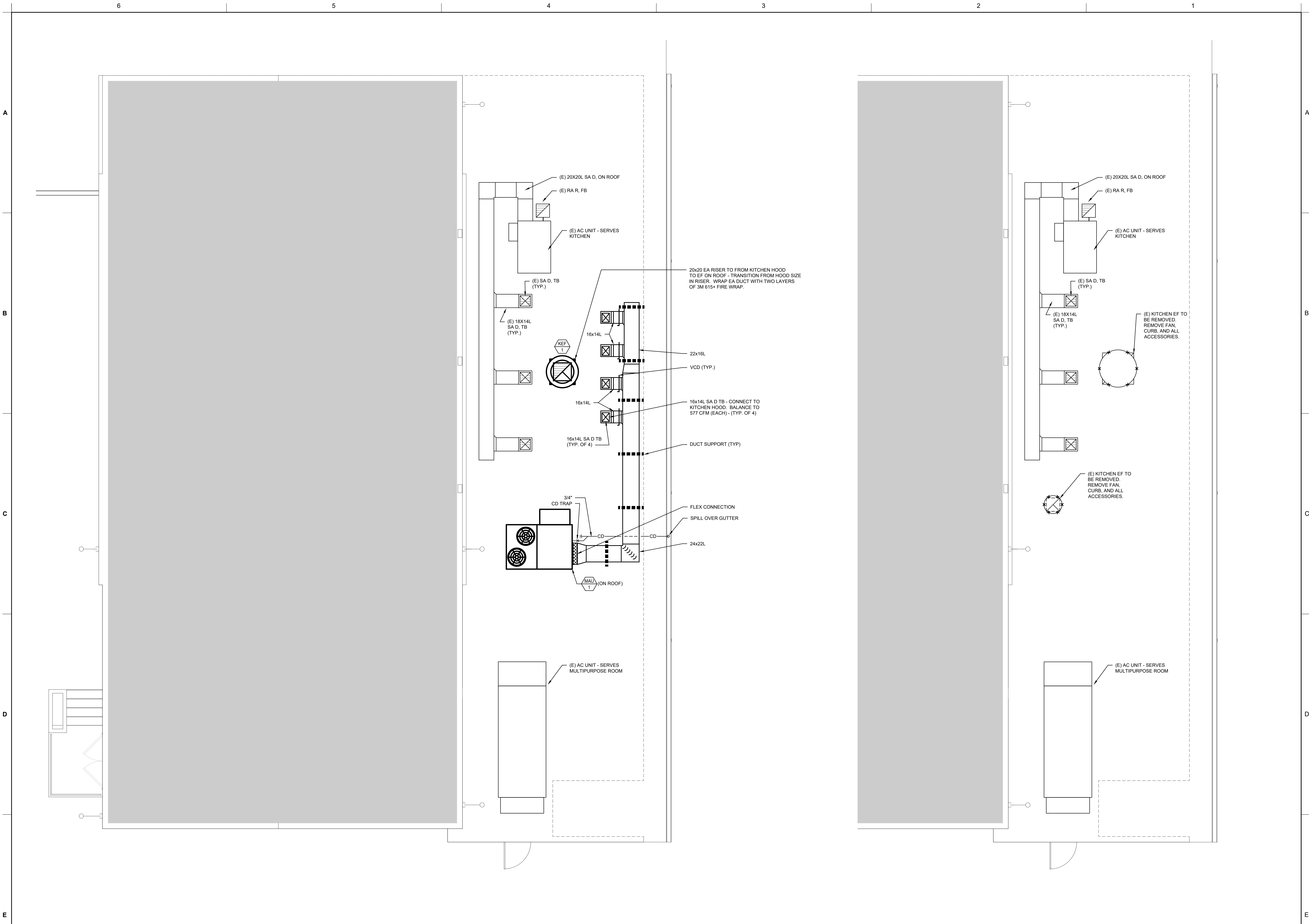
SACRAMENTO COUNTY

KEY PLAN:

MECHANICAL  
 ENLARGED  
 KITCHEN PLANS

JOB NUMBER:	SHEET NUMBER:
DATE: JAN. 5, 2024	M141
REVISION:	





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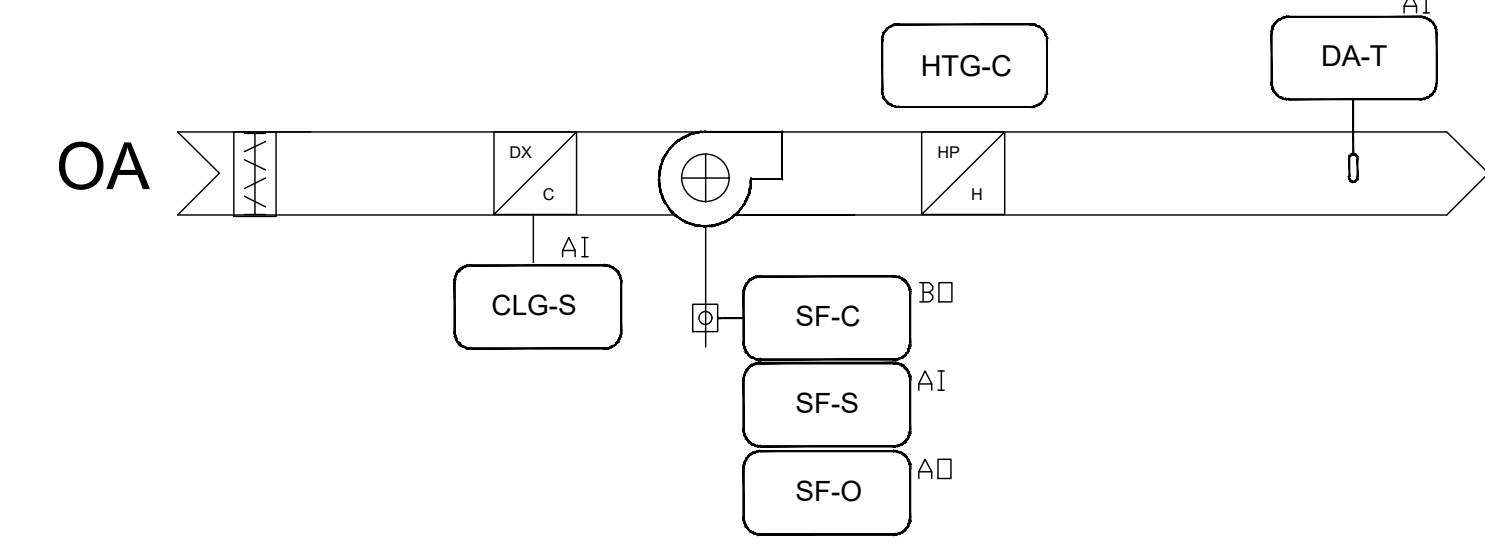
**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
 SCHOOL DISTRICT

SACRAMENTO COUNTY

KEY PLAN:	
↑	
SHEET TITLE: <b>MECHANICAL ENLARGED KITCHEN ROOF PLANS</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN. 5, 2024	<b>M161</b>
REVISION:	





**SEQUENCE OF OPERATION**

**SUPPLY FAN CONTROL:**  
 THE SUPPLY FAN (SF-C) WILL BE STARTED BASED ON INTERLOCK TO THE KITCHEN EXHAUST FAN. WHEN THE SUPPLY FAN STATUS (SF-S) INDICATES THE FAN STARTED. THE CONTROL SEQUENCE WILL BE ENABLED UPON A LOSS OF AIRFLOW (SF-S). THE SUPPLY FAN WILL ATTEMPT TO AUTOMATICALLY RESTART UNTIL POSITIVE STATUS IS RECEIVED. THE SUPPLY FAN WILL MODULATE (SF-O) RUN TO MAINTAIN THE AIRFLOW DETERMINED DURING BALANCE.

**TEMPERATURE CONTROL:**  
 THE UNIT WILL CONTROL TO MAINTAIN THE LOCALLY ADJUSTABLE ZONE TEMPERATURE SETPOINT (ZN-ADJ) AS SENSED BY THE ZONE TEMPERATURE (ZN-T) SENSOR.

**OCCUPIED MODE:**  
 THE OCCUPANCY MODE WILL BE CONTROLLED VIA A NETWORK INPUT (OCC-SCHEDULE). THE OCCUPANCY MODE CAN ALSO BE OVERRIDDEN BY A NETWORK INPUT (OCC-OVERRIDE). A TEMPORARY OCCUPANCY BUTTON (ZN-TOCC) ON THE ZONE SENSOR WILL PLACE THE UNIT IN OCCUPIED MODE FOR AN ADJUSTABLE TIME.

**UNOCCUPIED MODE:**  
 THE UNIT WILL CYCLE TO MAINTAIN UNOCCUPIED ZONE SETPOINTS (CLGUNOCC-SP & HTGUNOCC-SP) DURING UNOCCUPIED PERIODS.

**COOLING COIL:**  
 THE COOLING COIL WILL BE STAGED IN SEQUENCE TO MAINTAIN THE TEMPERATURE SETPOINT.

**HEATING COIL:**  
 THE HEATING COIL WILL BE STAGED IN SEQUENCE TO MAINTAIN THE TEMPERATURE SETPOINT.

**EXHAUST FAN INTERLOCK:**  
 THE MAKE UP AIR UNIT IS INTERLOCKED TO ITS RESPECTIVE EXHAUST FAN EF/M1. WHENEVER THE EF FAN EF/M1 IS COMMANDED ON, THE MAU WILL SIMILARLY BE COMMANDED ON. THE TWO FANS WILL RUN IN TANDEM TO MAINTAIN A SLIGHT POSITIVE PRESSURE IN THE SPACE AS DETERMINED DURING THE SYSTEM BALANCE.

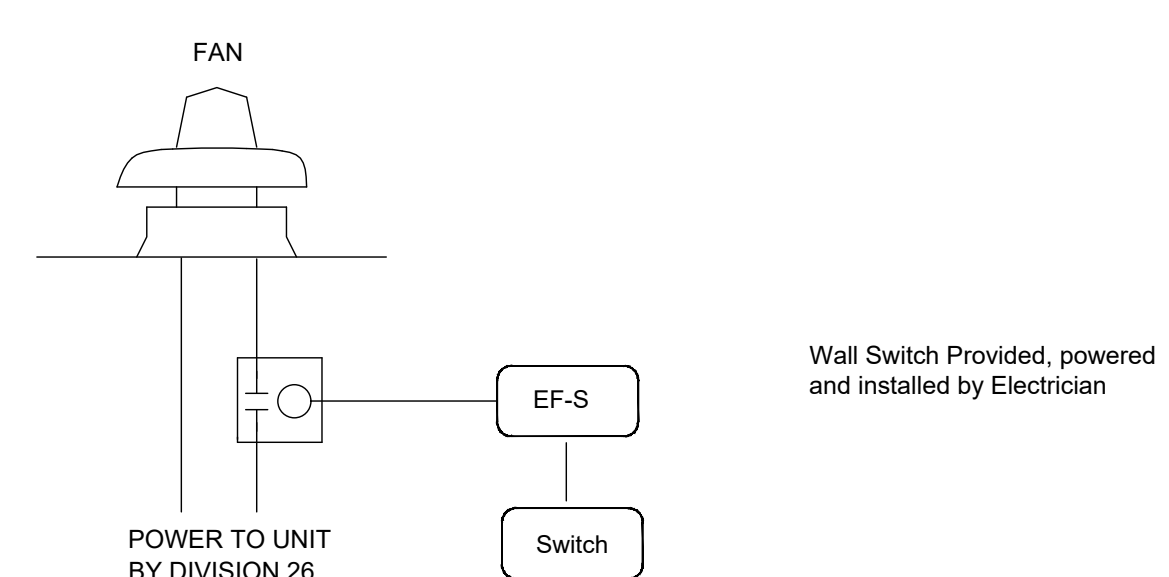
**ADDITIONAL POINTS MONITORED BY THE BMS:**

- SUPPLY FAN AMPERAGE (SF-S)
- DISCHARGE AIR TEMPERATURE (DA-T)
- COMPRESSOR AMPERAGE (CLG-S)

**ALARMS:**

- IF THE ZONE TEMPERATURE (ZN-T) RISES 5F ABOVE OR BELOW THE COOLING AND HEATING SET POINTS.
- IF THE FAN COMMAND DOES NOT MATCH THE FAN STATUS.
- THE CONTROLLER SHALL ALARM IF THE UNIT COOLING COMMAND DOES NOT MATCH THE COOLING STATUS

**MAKE UP AIR UNIT**



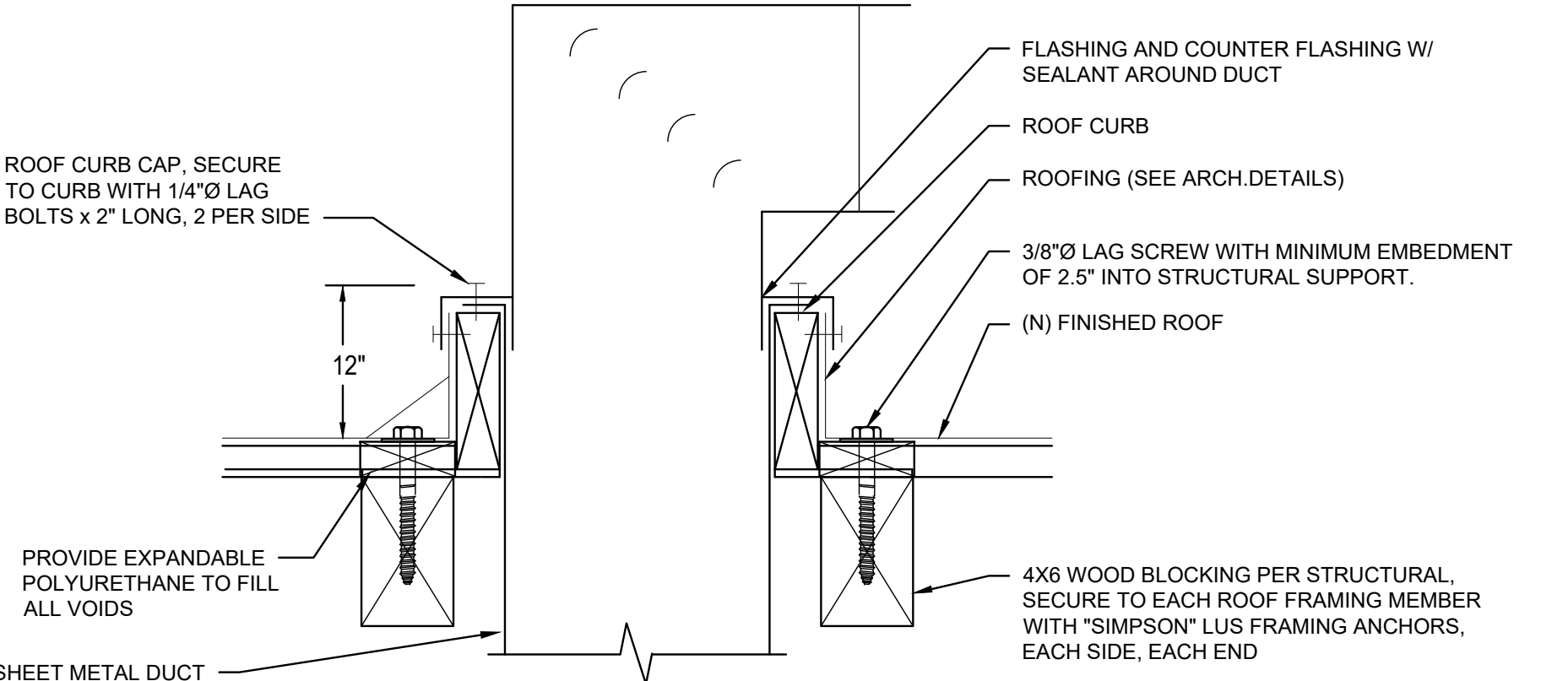
**SEQUENCE OF OPERATION**

**FAN CONTROL**  
 THE EXHAUST FAN WILL BE COMMANDED ON AND OFF VIA A WALL SWITCH (PROVIDED AND INSTALLED BY THE KITCHEN HOOD MANUFACTURE).  
 THE BMS IS TO MONITOR THE STATUS AND CURRENT OF THIS FAN.  
 FAN TAG: EF/1

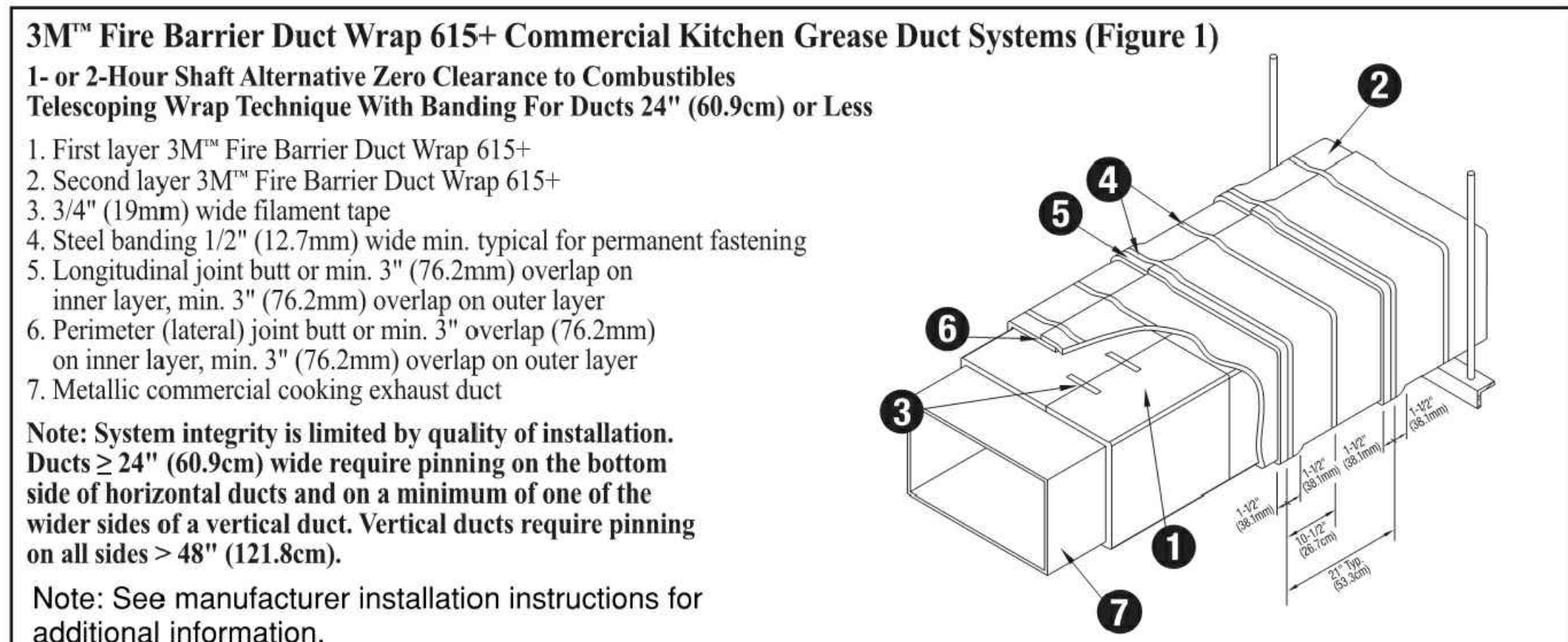
**KITCHEN HOOD EXHAUST FAN**

**CONTROL DIAGRAMS**

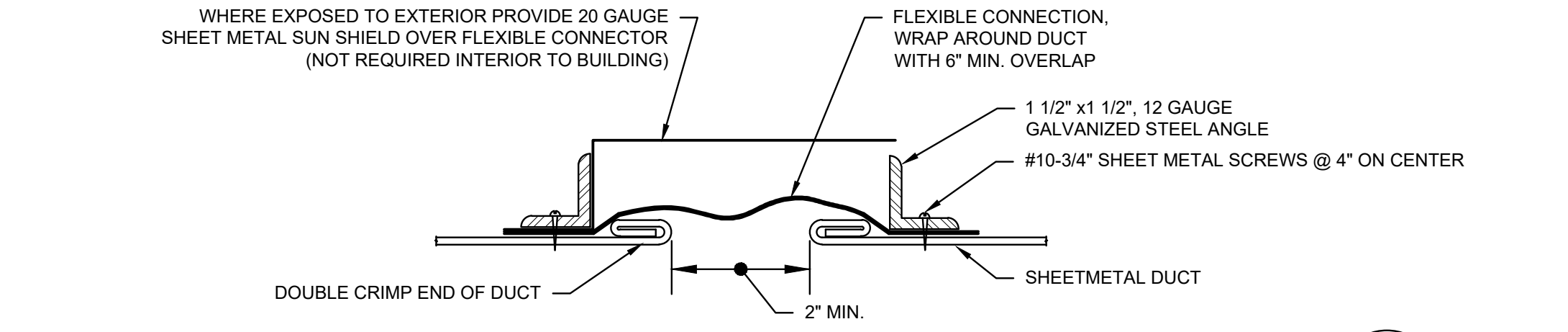
NTS M501



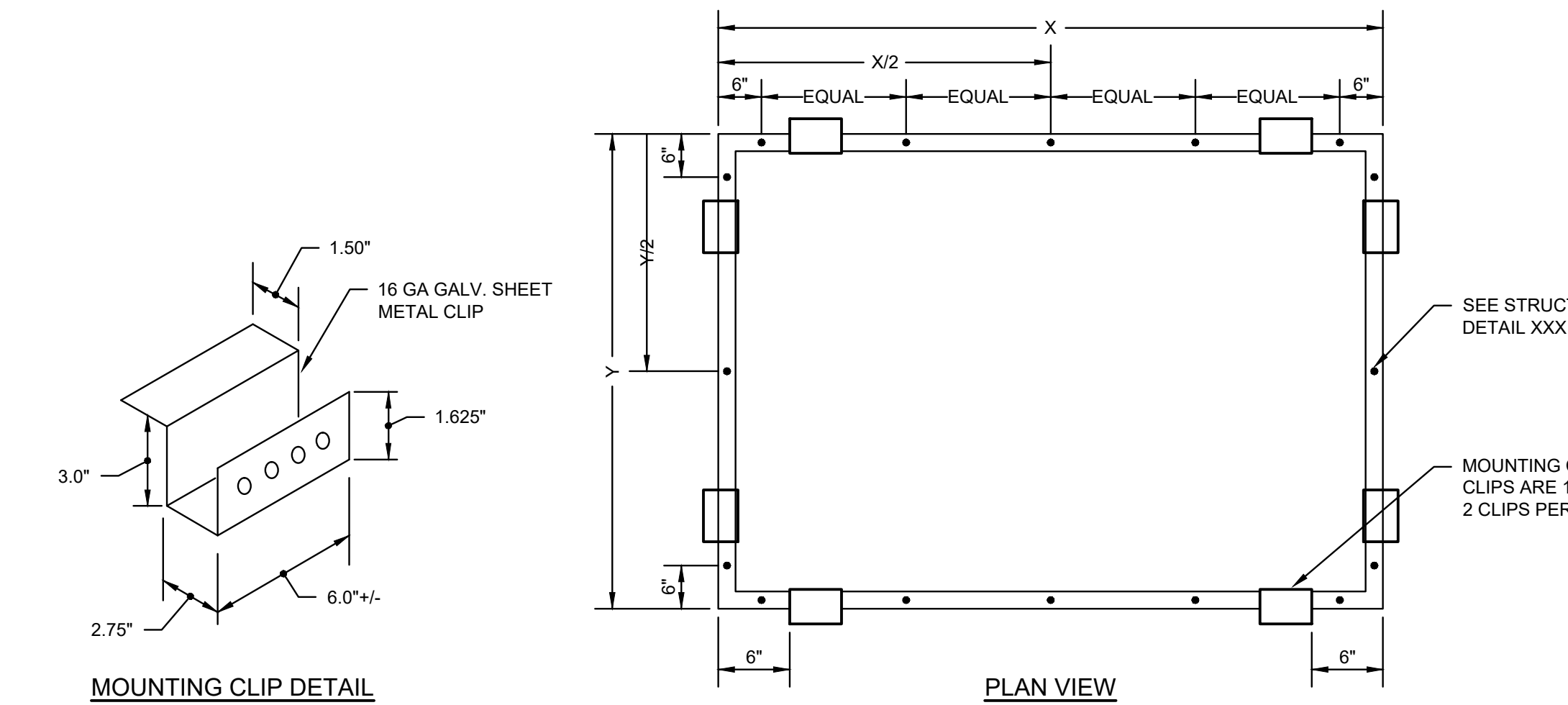
**DUCT THRU ROOF DETAIL**  
 NTS M501



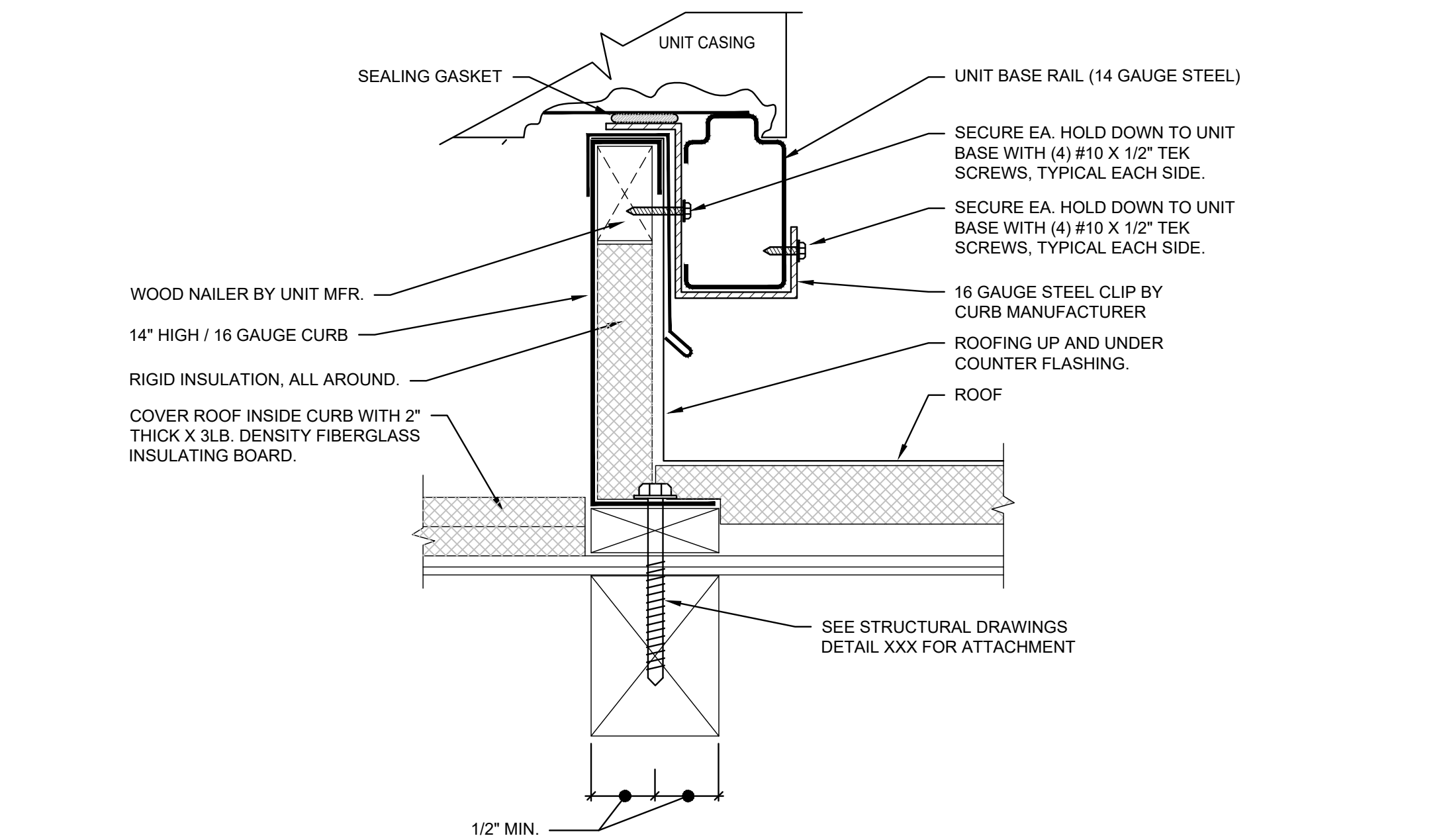
**3M FIRE WRAP DETAIL**  
 NTS M501



**FLEX CONNECTION @ MAU**  
 NTS M501



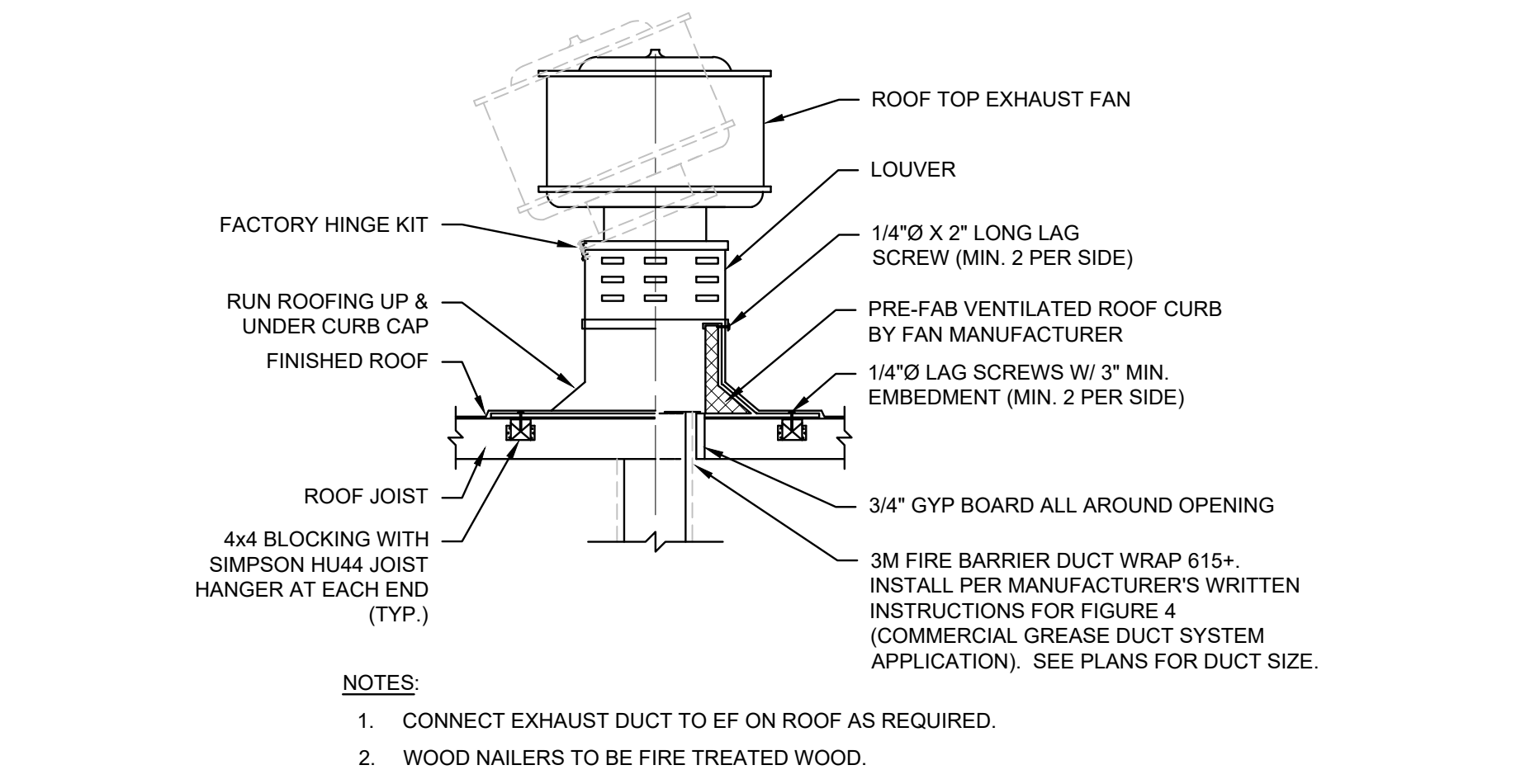
**MOUNTING CLIP DETAIL**



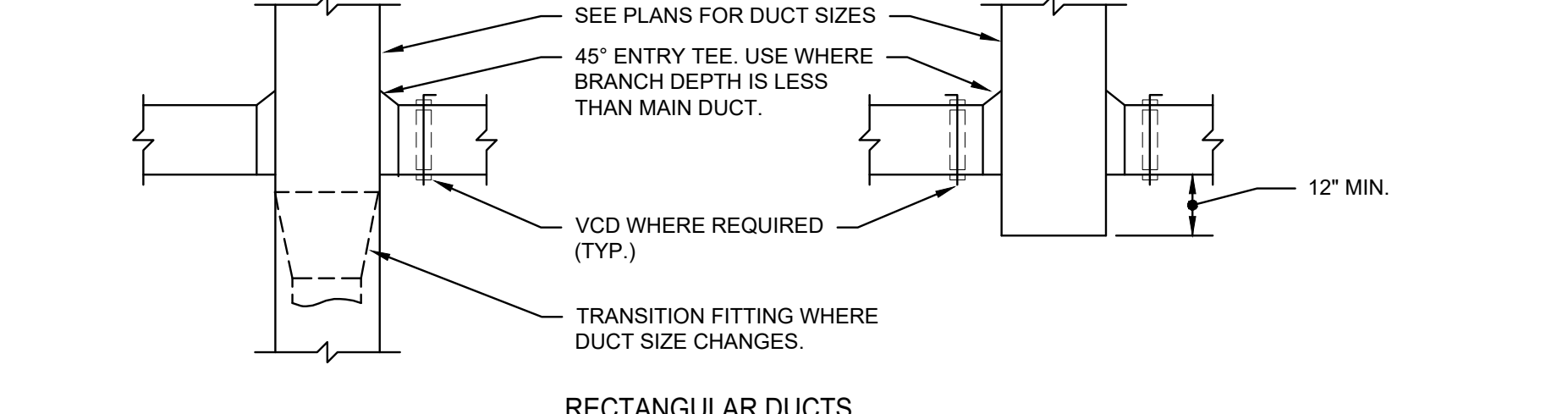
**NOTES:**

- CURBS ARE "UNI-PRODUCTS" MODEL CAL 108180 ROOF CURBS WITH A HEIGHT OF 14".
- CURBS TO BE SLOPED TO PROVIDE LEVEL TOP.
- ALL WOOD ABOVE ROOF SHALL BE PRESSURE TREATED DOUGLAS FIR #1.

**MAKE UP AIR UNIT MOUNTING DETAIL**  
 NTS M501



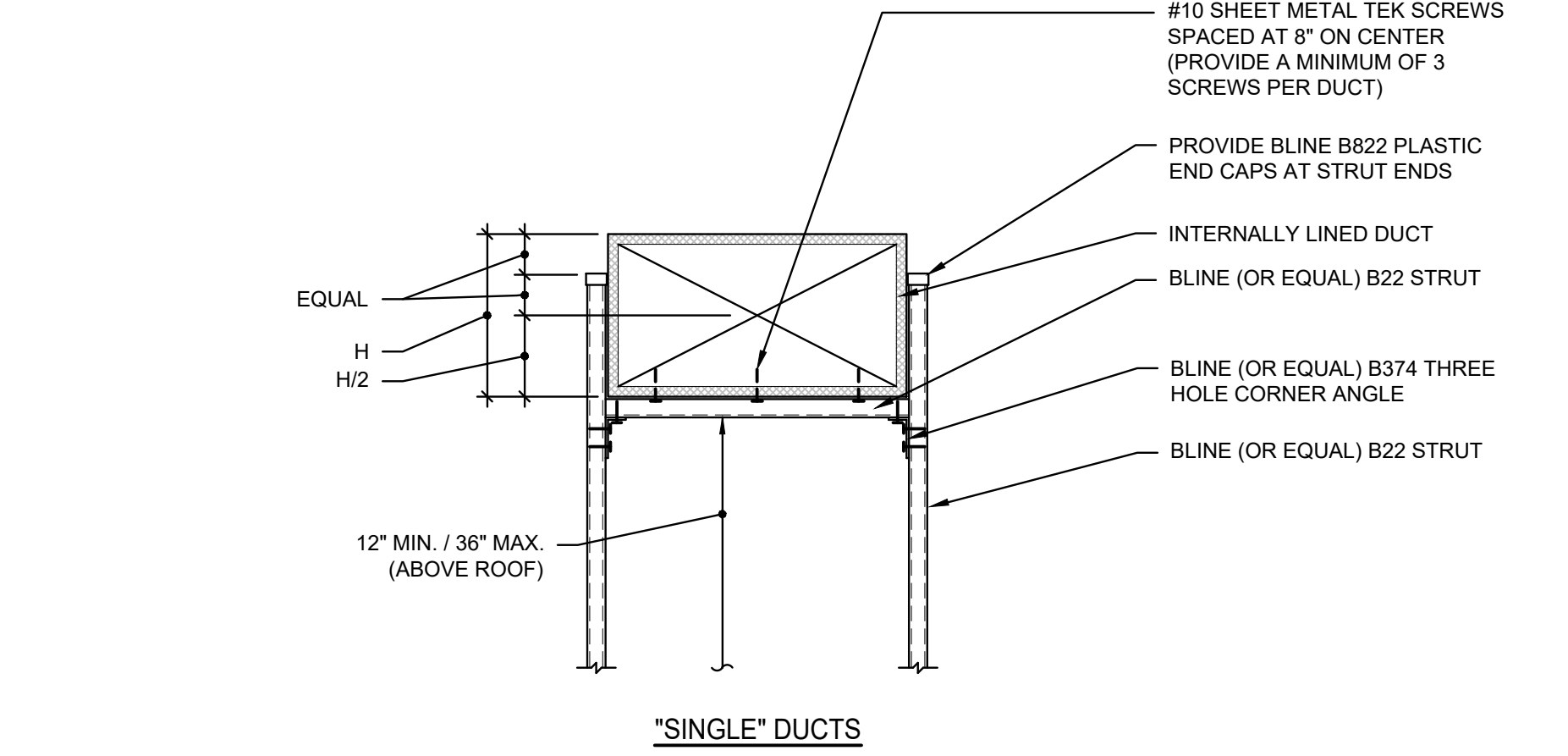
**KITCHEN EXHAUST HOOD FAN DETAIL**  
 NTS M501



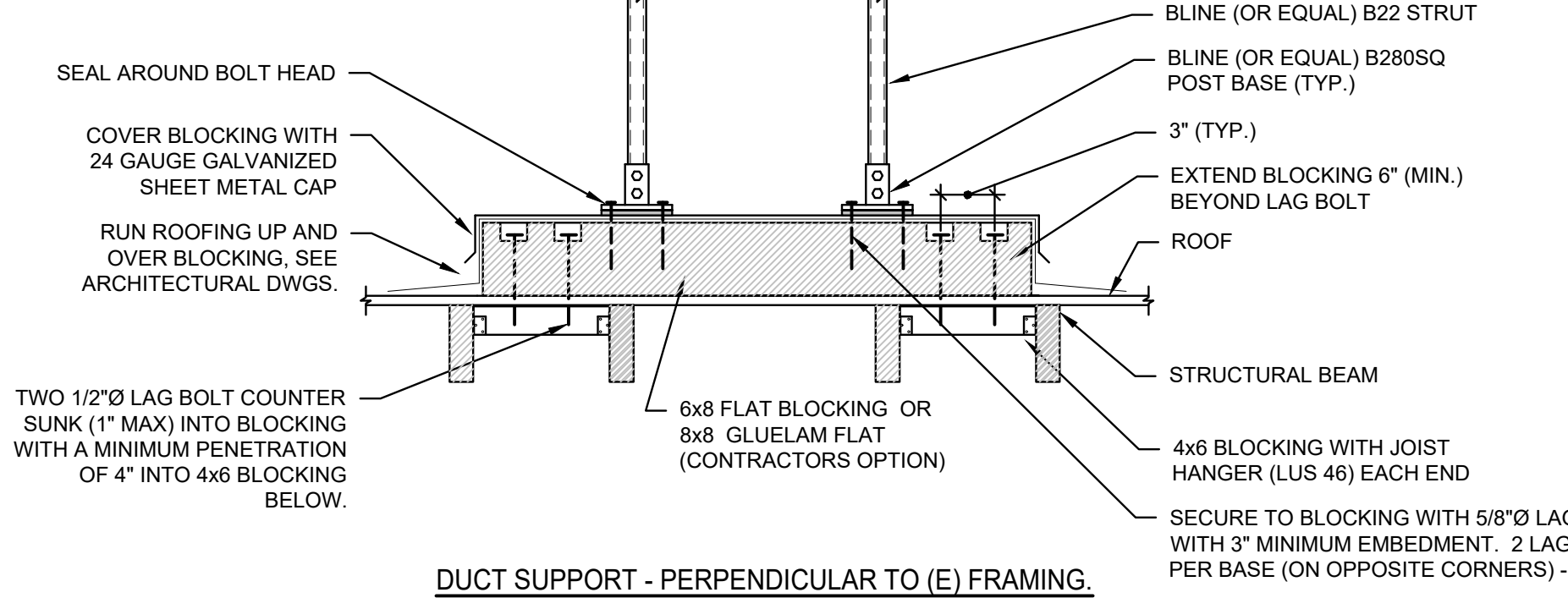
**NOTES:**

- DUCT SYSTEMS NOT INSTALLED IN ACCORDANCE WITH THIS DETAIL WILL BE REJECTED.
- PROVIDE VCD FOR ALL BRANCH DUCTWORK SERVING INDIVIDUAL INLETS AND OUTLETS WHETHER SHOWN OR NOT. LOCATE VCD WITHIN 18" OF BRANCH TAKE-OFF.
- DETAIL APPLICABLE FOR LOW VELOCITY (1300 FPM), DUCT SYSTEMS ONLY.
- FOR ROUND DUCTWORK, USE LOW-LOSS FITTINGS.

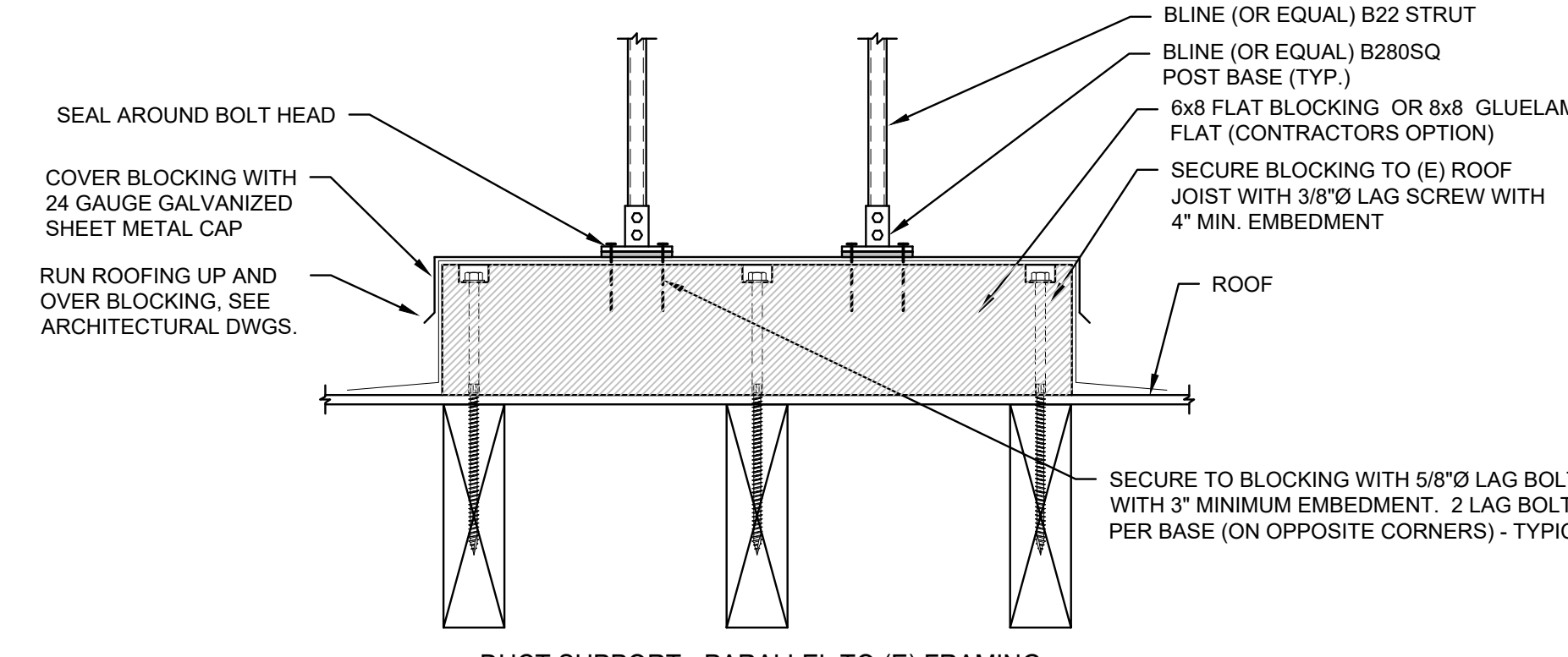
**LOW VELOCITY BRANCH DUCT TAKE-OFF DETAIL**  
 NTS M501



**"SINGLE" DUCTS**



**DUCT SUPPORT - PERPENDICULAR TO (E) FRAMING.**



**DUCT SUPPORT - PARALLEL TO (E) FRAMING.**

**NOTES:**

- CONNECT STRUT/FITTINGS TOGETHER WITH MANUFACTURERS HEX SCREWS AND STANDARD NUTS (WITHOUT SPRINGS). PROVIDE LOCK WASHER AT EACH CONNECTION.
- MAXIMUM SPACING BETWEEN SUPPORTS TO BE 6'-0".
- REFERENCE STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.

**ROOFTOP DUCT SUPPORT DETAIL**  
 NTS M501



**CALIFORNIA DESIGN WEST ARCHITECTS, Inc.**  
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ARCHITECT CONSULTANT



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 WESTON & ASSOCIATES #23-075

CONSULTANT:



PROJECT NAME:

**ALICE BIRNEY TK-8**

6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

**SACRAMENTO CITY UNIFIED SCHOOL DISTRICT**

**SACRAMENTO COUNTY**

KEY PLAN:	
SHEET TITLE: <b>MECHANICAL DETAILS</b>	
JOB NUMBER:	SHEET NUMBER:
DATE: JAN. 5, 2024	<b>M501</b>
REVISION:	



**J. VENTILATION AND INDOOR AIR QUALITY**  
This table is used to demonstrate compliance with prescriptive requirements found in 140.4(i), 140.4(j), 140.4(k), 140.4(l), 170.2(c)(3), and 170.2(c)(4) for fan systems. Fan systems serving only process loads are exempt from these requirements and do not need to be included in Table H.

**K. TERMINAL BOX CONTROLS**  
This section does not apply to this project.

**L. DISTRIBUTION (DUCTWORK AND PIPING)**  
This table is used to show compliance with mandatory pipe insulation requirements found in 120.3 and mandatory requirements found in 120.4(a) for duct sealing.  
Duct Leakage Testing  
The answers to the questions below apply to the following duct systems:

**L. DISTRIBUTION (DUCTWORK AND PIPING)**

System Name	Fan Type	Qty	Component	Airflow through Component (%)	Water Gauge (wg)	Component Allowance (watt/cfm) <sup>1</sup>	Fan Allowance (watt/cfm) <sup>2</sup>	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)
SF	Supply	1	Base Allowance for system serving spaces <= 4 floors away	2,600		603		Manufacturer provided		1.47
			MERV 13-16 Filter upstream of thermal conditioning equipment	2,600	361					
			Hydronic/DX cooling coil or heat pump coil	2,600	361					
			100% outdoor air system	2,600	182					
Supply Fan Base Allowance (kW)			Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)				1.51	Fan System Electrical Output (kW)		1.47

**M. COOLING TOWERS**  
This section does not apply to this project.

**N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**  
Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019\_compliance\_documents/Nonresidential\_Documents/NR/C/

**O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019\_compliance\_documents/Nonresidential\_Documents/NR/C/

**P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION**  
There are no NRCV forms required for this project.

**Q. MANDATORY MEASURES DOCUMENTATION LOCATION**  
This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

**H. FAN SYSTEMS & AIR ECONOMIZERS**

System Name	MAU-1	Quantit y	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	2,600	Site Elevation	84	Economizer	Differential Temperature
SF	Supply	1	Base Allowance for system serving spaces <= 4 floors away	2,600		603		Manufacturer provided		1.47					
			MERV 13-16 Filter upstream of thermal conditioning equipment	2,600	361										
			Hydronic/DX cooling coil or heat pump coil	2,600	361										
			100% outdoor air system	2,600	182										
Supply Fan Base Allowance (kW)			Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)				1.51	Fan System Electrical Output (kW)		1.47					

**I. SYSTEM CONTROLS**  
This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)(4D) 170.2(c)(4) or requirements in 141.0(a)(2)(B) 180.2(b)(2) for altered space conditioning systems.

**H. EXHAUST AIR HEAT RECOVERY 140.4(g), 170.2(c)(4D)**

Fan System Name	Qty	Hours of Operation per Year	Design Supply Airflow Rate	Outdoor Airflow	% Outdoor Air at Full Design Airflow	Exemptions to Exhaust Air Heat Recovery Requirement per 140.4(g) & 170.2(c)(4D)	Exhaust Air Heat Recovery Requirement per 140.4(g) & 170.2(c)(4D)	Type Of Heat Recovery Rating	Required Recovery Ratio	Energy Recovery Bypass
MAU-1	1	Single zone	<= 25,000 ft <sup>3</sup>	Setback	Auto Timer Switch	4 Hour Timer	DR Tstat per 110.12	Included	NA: Alteration Project	

**I. SYSTEM CONTROLS**

System Name	System Zoning	Conditioned Floor Area Being Served (ft <sup>2</sup> )	Thermostats 110.2(b) & (c) <sup>1</sup> , 120.2(a) 160.3(a)(2A) or 141.0(b)(2E) & 180.2(b)(2)	Shut-Off Controls 120.2(f) & 160.3(a)(2F)	Isolation Zone Controls 110.12 120.2(b) & 160.3(a)(2B)	Demand Response 110.12 120.2(b) & 160.3(a)(2B)	Supply Air Temp. Reset 140.4(f) & 170.2(c)(4D)	Window Interlocks per 140.4(n) & 170.2(c)(4D)
MAU-1	Single zone	<= 25,000 ft <sup>2</sup>	Setback	Auto Timer Switch	4 Hour Timer	DR Tstat per 110.12	Included	NA: Alteration Project

**FOOTNOTES:** Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.

**J. VENTILATION AND INDOOR AIR QUALITY**  
This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1 120.2(c)(3) 140.4(p) and 140.4(a) for all nonresidential and hotel/motel and 142.4(a)(a)(i)(A) 140.2, 160.3(a)(3), 170.2(c)(4)(A), 170.2(c)(4D) for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflow may be shown on the plans or the calculations can be presented in a spreadsheet.

**Nonresidential and Hotel/ Motel Multifamily Common Use Ventilation Systems**

System Name	MAU-1	System Design OA CFM Airflow <sup>1</sup>	2888	System Design Transfer Air CFM	0	Air Filtration per 120.1(c)(1) 141.0(b)(2) and 160.2(c)(2) <sup>2</sup>
MAU-1	1	2888	2888	0	0	Provided

**FOOTNOTES:** System CFM should include both mechanical and natural ventilation for the zone/system.  
<sup>1</sup> Air filtration requirements apply to the following three system types per 120.1(c)(1A): space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space.  
<sup>2</sup> Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.  
<sup>3</sup> See Standards Tables 120.1-A and 120.1-B.

**A. GENERAL INFORMATION**

Project Location (city)	Sacramento	04 Total Conditioned Floor Area	624
02 Climate Zone	12	05 Total Unconditioned Floor Area	0
03 Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	1

**B. PROJECT SCOPE**  
This table includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b), or 141.0(b)(2) and 180.2(b)(2) for alterations.

**C. COMPLIANCE RESULTS**  
Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES WITH EXCEPTIONAL CONDITIONS" refer to Table D, or the table indicates as not compliant for guidance.

**D. EXCEPTIONAL CONDITIONS**  
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**  
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

**F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)**

System Name	Quantity	System Serving	System Status	Space Type	Utilizing Recovered Heat
MAU-1	1	Single zone	New/ Addition		<input type="checkbox"/>

**F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)**

Name or Item Tag	Equipment Category per Tables 110.2, 140.4(a)(2) and 170.2(c)(3a)	Equipment Type per Tables 110.2 and Title 20	Smallest Size Available <sup>1</sup> 140.4(a) and 170.2(c)(1)	Heating Output <sup>2</sup>	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Cooling Output <sup>3</sup>	Per Design (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
MAU-1	Unitary Heat Pumps	Air-cooled, pkg (3 phase)	NA: Load Controls	175.84	96	109.22	96.58	96	179.1	113.97		

**FOOTNOTES:** Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per 140.4(a) and 170.2(c)(1). Healthcare facilities are exempted.  
<sup>1</sup> It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables.  
<sup>2</sup> If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.  
<sup>3</sup> Authority Having Jurisdiction may ask for load calculations used for compliance per 140.4(b) and 170.2(c).

**Dry System Equipment Efficiency (other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP), DX-DOAS and Dual Fuel Heat Pumps)**

Name or Item Tag	Size Category (Btu/h)	Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
MAU-1	>=65,000 and <135,000		COP	3.4	3.3	EER I EER	11 14.1	11 15

**G. PUMPS**  
This section does not apply to this project.



CALIFORNIA DESIGN WEST ARCHITECTS, Inc.  
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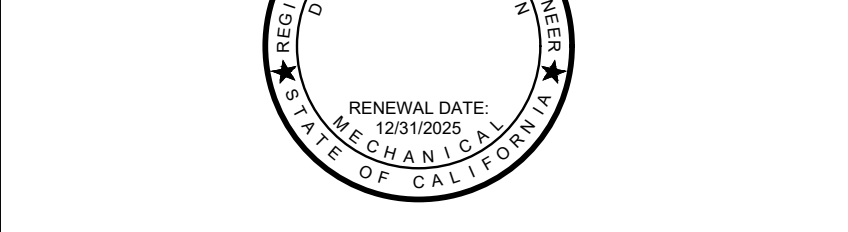
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ARCHITECT CONSULTANT



601 UNIVERSITY AVE, SUITE 260 | SACRAMENTO, CA 95825  
WESTON & ASSOCIATES #23-075

CONSULTANT:



PROJECT NAME:  
**ALICE BIRNEY TK-8**

6254 13TH STREET  
SACRAMENTO, CA 95831

CAMPUS RENEWAL

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:  
**TITLE 24 ENERGY COMPLIANCE**

JOB NUMBER: SHEET NUMBER:  
**M801**

DATE:  
JAN. 5, 2024

REVISION:



**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
I certify that this Certificate of Compliance documentation is accurate and complete.  
Documentation Author Name: Weston & Associates Mechanical Engineers, Inc.  
Signature Date: 2024-01-02  
Address: 601 University Ave, Suite 260  
City/State/Zip: Sacramento CA 95825  
Phone: (916) 482-0820

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
I certify the following under penalty of perjury, under the laws of the State of California:  
1. The information provided on this Certificate of Compliance is true and correct.  
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 4 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: David Weston  
Signature Date: 2024-01-02  
Address: 601 University Ave, Suite 260  
City/State/Zip: Sacramento CA 95825  
Phone: (916) 482-0820

**I. PROCESS BOILER**  
This section does not apply to this project.

**J. COMPRESSED AIR SYSTEMS**  
This section does not apply to this project.

**K. ELEVATOR LIGHTING AND VENTILATION**  
This section does not apply to this project.

**L. ESCALATORS AND MOVING WALKWAYS SPEED CONTROLS**  
This section does not apply to this project.

**M. COMPUTER ROOM SYSTEM SUMMARY**  
This section does not apply to this project.

**N. COMMERCIAL KITCHEN EXHAUST AND VENTILATION**  
This table contains all new and replacement hoods being installed within the scope of the permit application. Table N is used to demonstrate compliance with prescriptive requirements found in 140.9(b).

01	02	03	04
	<input type="checkbox"/>	Existing kitchen hoods not being replaced as part of an addition or alteration (do not need to meet requirements)	
<b>Requirements</b>			
02	Replacement Air to Hood Compliance Method 140.9(b)(1A) Not providing replacement air directly to the hood(s).		
03	Mechanically cooled or heated makeup air delivered to any space with a kitchen hood is designed per 140.9(b)(2A) to not exceed the greater of: The supply flow required to meet the space heating and cooling load		
04	Location that is supplying transfer air:		

**N. COMMERCIAL KITCHEN EXHAUST AND VENTILATION**  
05 The kitchen/ dining facility has a total Type I and Type II kitchen hood exhaust airflow > 5000 cfm and is designed to have one of the following per 140.9(b)(2B):  
 Not a kitchen/ dining facility having a total Type I and Type II kitchen hood exhaust airflow rate > 5,000 cfm.

**Kitchen Exhaust: Airflow Rate 140.9(b)(1B)**

01	02	03	04	05	06	07	08
Name or Item Tag	Hood Type <sup>1</sup>	Hood Style	Hood Length (ft)	Equipment Duty	Design Hood Exhaust Rate CFM	Max Hood Exhaust Rate Allowed CFM	
KH	Type I	Wall-mounted Canopy	14	Heavy Duty	2888	3850	

<sup>1</sup>FOOTNOTES: Type II hoods do not have a max hood exhaust air rate per 140.9(b)(1B)

**O. LABORATORY AND FACTORY EXHAUST AND FUME HOODS**  
This section does not apply to this project.

**P. CONTROLLED ENVIRONMENT HORTICULTURE**  
This section does not apply to this project.

**Q. STEAM TRAPS IN INDUSTRIAL FACILITIES**  
This section does not apply to this project.

**R. Pool & Spas**  
This section does not apply to this project.

**S. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**  
Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks: These documents must be provided to the building inspector during construction and can be found online at [https://www.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents/Nonresidential\\_Documents/NRCC/](https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/)

Form/Title
NRCC-PRC-01-E - Covered Process

**T. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
There are no NRCA forms required for this project.

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
I certify that this Certificate of Compliance documentation is accurate and complete.  
Documentation Author Name: Weston & Associates Mechanical Engineers, Inc.  
Signature Date: 2024-01-02  
Address: 601 University Ave, Suite 260  
City/State/Zip: Sacramento CA 95825  
Phone: (916) 482-0820

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
I certify the following under penalty of perjury, under the laws of the State of California:  
1. The information provided on this Certificate of Compliance is true and correct.  
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 4 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: David Weston  
Signature Date: 2024-01-02  
Address: 601 University Ave, Suite 260  
City/State/Zip: Sacramento CA 95825  
Phone: (916) 482-0820

**A. GENERAL INFORMATION**

01	02	03	04	05	06
Project Location (city)	Sacramento	Total Conditioned Floor Area	624		
Climate Zone	12	Total Unconditioned Floor Area	0		
Occupancy Types Within Project		# of Stories (Habitable Above Grade)	1		

• All Other Occupancies

**B. PROJECT SCOPE**  
This table includes process systems that are within the scope of the permit application and are demonstrating compliance with mandatory requirements in 120.6 / 160.7 or prescriptive requirements in 140.9.  
My project consists of: (check all that apply):

01	02
<input type="checkbox"/> Refrigerated Spaces <3,000 ft <sup>2</sup> Total (no Title 24, P16 requirements)	<input type="checkbox"/> Escalator & Moving Walkway Speed Controls (mandatory 120.6(g))
<input type="checkbox"/> Refrigerated Spaces >=3,000 ft <sup>2</sup> Total (mandatory 120.6(a))	<input type="checkbox"/> Computer Rooms (mandatory 120.6(i) and prescriptive 140.9(a)(1))
<input type="checkbox"/> Food/Beverage Stores >8,000 ft <sup>2</sup> (mandatory 120.6(b))	<input checked="" type="checkbox"/> Commercial Kitchen Ventilation/Exhaust (prescriptive 140.9(b)(1))
<input type="checkbox"/> Enclosed Parking Garage Exhaust >=10,000 cfm (mandatory 120.6(c))	<input type="checkbox"/> Laboratory Exhaust/Factory Exhaust & Fume Hood (prescriptive 140.9(c)(1))
<input type="checkbox"/> Newly Installed Process Boilers (mandatory 120.6(d))	<input type="checkbox"/> Pool/Spa (mandatory 110.4 / 160.7)
<input type="checkbox"/> Compressed Air Systems Combined HP >= 25 (mandatory 120.6(e))	<input type="checkbox"/> Controlled Environment Horticulture (mandatory 120.6(h))
<input type="checkbox"/> Elevator Lighting & Ventilation Controls (mandatory 120.6(f) / 160.7)	<input type="checkbox"/> New Steam Traps (mandatory 120.6(i))

<sup>1</sup>FOOTNOTES: These building features can comply using the performance method. If using the performance method for these features, compliance should be demonstrated on the NRCC-PRC-E.

**C. COMPLIANCE RESULTS**  
Results in this table are automatically calculated from data input and calculations in Tables F through R. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01	02	03	04	05	06	07	08	09	10	11	12	13	14
Refrigerate Warehouse /Space (120.6(a) (See Table F))	Commercial Refrigeration (120.6(b) (See Table G))	Parking Garage Exhaust (120.6(c) (See Table H))	Process Boilers (120.6(d) (See Table I))	compressed Air Systems (120.6(e) (See Table J))	Elevators (120.6(f) / 160.7 (See Table L))	Escalators & Moving Walkways (140.9(a) (See Table M))	Computer Rooms (140.9(a) (See Table N))	Commercial Kitchens (140.9(b) (See Table O))	Laboratory/ Factory Exhaust (140.9(c) (See Table P))	Controlled Environment Horticulture (120.6(h) (See Table Q))	Steam Traps (120.6(i) (See Table R))	Multifamily Pool/Spa (160.7 (See Table R))	Compliance Results
								Yes					COMPLIES

**D. EXCEPTIONAL CONDITIONS**  
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**  
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

**F. REFRIGERATED WAREHOUSES/SPACES**  
This section does not apply to this project.

**G. COMMERCIAL REFRIGERATION**  
This section does not apply to this project.

**H. ENCLOSED PARKING GARAGE EXHAUST**  
This section does not apply to this project.

**C. COMPLIANCE RESULTS**  
Results in this table are automatically calculated from data input and calculations in Tables F through R. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01	02	03	04	05	06	07	08	09	10	11	12	13	14
Refrigerate Warehouse /Space (120.6(a) (See Table F))	Commercial Refrigeration (120.6(b) (See Table G))	Parking Garage Exhaust (120.6(c) (See Table H))	Process Boilers (120.6(d) (See Table I))	compressed Air Systems (120.6(e) (See Table J))	Elevators (120.6(f) / 160.7 (See Table L))	Escalators & Moving Walkways (140.9(a) (See Table M))	Computer Rooms (140.9(a) (See Table N))	Commercial Kitchens (140.9(b) (See Table O))	Laboratory/ Factory Exhaust (140.9(c) (See Table P))	Controlled Environment Horticulture (120.6(h) (See Table Q))	Steam Traps (120.6(i) (See Table R))	Multifamily Pool/Spa (160.7 (See Table R))	Compliance Results
								Yes					COMPLIES

**D. EXCEPTIONAL CONDITIONS**  
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**  
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

**F. REFRIGERATED WAREHOUSES/SPACES**  
This section does not apply to this project.

**G. COMMERCIAL REFRIGERATION**  
This section does not apply to this project.

**H. ENCLOSED PARKING GARAGE EXHAUST**  
This section does not apply to this project.



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ARCHITECT CONSULTANT:



CONSULTANT:



PROJECT NAME:

**ALICE BIRNEY TK-8**

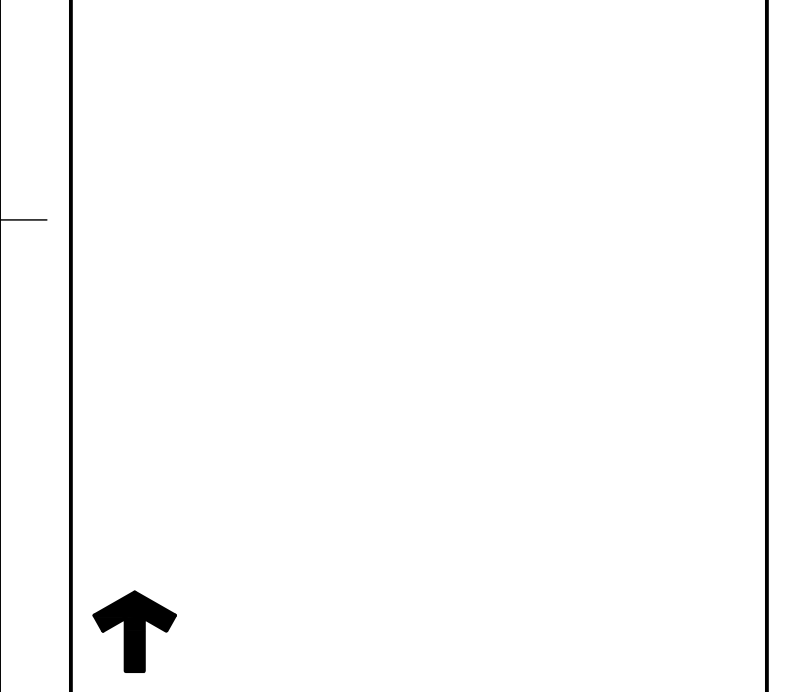
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**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT

SACRAMENTO COUNTY

KEY PLAN:



SHEET TITLE:  
**TITLE 24  
ENERGY  
COMPLIANCE**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN. 5, 2024	M802
REVISION:	



### APPLICABLE CODES

ALL WORK PERFORMED UNDER THIS CONTRACT IS TO CONFIRM TO THE FOLLOWING CODES AND REGULATIONS:

- CALIFORNIA CODE OF REGULATIONS - TITLE 24
- CALIFORNIA BUILDING CODE, 2022
- CALIFORNIA MECHANICAL CODE, 2022
- CALIFORNIA PLUMBING CODE, 2022
- CALIFORNIA FIRE CODE, 2022
- CALIFORNIA ELECTRICAL CODE, 2022
- CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS, 2022

THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IF FORCE ON THE DATE OF THE CONTRACT, UNLESS OTHERWISE STATED. NOTHING ON THE DRAWINGS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE.

### PLUMBING GENERAL NOTES

- MECHANICAL AND PLUMBING DETAILS APPLY TO ALL BUILDINGS WHETHER REFERENCED OR NOT.
- PROVIDE FIRE STOPPING ASSEMBLY PROTECTION FOR PIPE PENETRATIONS OF RATED ASSEMBLIES. FIRE STOP RATING SHALL MATCH RATED ASSEMBLY BEING PENETRATED.
- PLUMBING AND FIRE SPRINKLER PIPING SHALL OFFSET OVER OR UNDER DUCTS. COORDINATE WITH HEATING CONTRACTOR.
- PIPING SHALL NOT PENETRATE INTO, OVER, OR THROUGH IT CLOSETS OR ELECTRICAL ROOMS UNLESS IT SERVES THAT SPECIFIC ROOM.
- DRAWINGS SHALL BE CONSIDERED DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO SHOW EVERY OFFSET, FITTING, OR STRUCTURAL DIFFICULTY THAT MAY BE ENCOUNTERED DURING INSTALLATION OF WORK. THE CONTRACTORS SHALL COORDINATE LOCATION OF ALL PLUMBING PIPING WITH ALL OTHER TRADES ON THIS PROJECT. LOCATION OF ALL ITEMS NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. EXACT LOCATIONS NECESSARY TO SECURE BEST CONDITIONS AND RESULTS MUST BE DETERMINED AT THE JOB SITE AND SHALL HAVE THE APPROVAL OF THE ARCHITECT BEFORE BEING INSTALLED.
- ALL VALVES SHALL BE FULL LINE SIZES UNLESS NOTED OTHERWISE.
- PROVIDE WALL CLEANOUT AT ALL SINKS, LAVATORIES, AND URINALS.
- PIPING SHALL BE SUPPORTED IN ACCORDANCE TO SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL AND PLUMBING PIPING SYSTEMS".
- ALL NEW SANITARY WASTE PIPING SHALL HAVE A MINIMUM BURRY DEPTH OF 18" AND BE SLOPED AT 1/4" PER FOOT MINIMUM UNLESS OTHERWISE NOTED. PIPING SHALL BE UNIFORMLY SLOPED BETWEEN UPPER TERMINAL OF PIPE AND THE POINT OF CONNECTION TO THE SITE PIPING (AS INDICATED ON CIVIL PLANS) TO ACHIEVE MAXIMUM SLOPE POSSIBLE.
- ACCESS PANELS SHALL BE PROVIDED AS NECESSARY TO PROPERLY ACCESS THE PLUMBING SYSTEM INCLUDING VALVES, EQUIPMENT, HOPPER DRAINS, AND INDIRECT DRAINS IN WALLS.
- HVAC EQUIPMENT IS SHOWN FOR THE COORDINATION OF UTILITIES ONLY. REFER TO "M" SHEETS FOR ADDITIONAL INFORMATION.
- PROVIDE WATER HAMMER ARRESTORS (WHA) AT ALL FIXTURES AS INDICATED IN THE SPECIFICATIONS/NOTES. WHERE WHA SERVES BACK TO BACK BOYS / GIRLS RESTROOMS. LOCATE WHA ACCESS DOOR IN BOYS RESTROOM. WHA SHALL BE SIZED AND PER THE PLUMBING & DRAINAGE INSTITUTE (PDI).
- REFERENCE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS, EXACT LOCATIONS OF PLUMBING FIXTURES, AND PLUMBING FIXTURE MOUNTING HEIGHTS.
- CONCEAL ALL PIPING IN WALL FURRINGS, PARTITIONS, ABOVE CEILINGS, EXCEPT IN MECHANICAL ROOMS OR WHERE NOTED OTHERWISE.

### EQUIPMENT LIST

ITEM	DESCRIPTION
GI	GREASE INTERCEPTOR
	"JENSEN PRECAST" GRAVITY GREASE INTERCEPTOR MODEL MU-1000. 1000 GALLON BURIED GRAVITY GREASE INTERCEPTOR. CONCRETE. 114" x 86" x 70" DEEP. 4" NO HUB INLET & OUTLET. PROVIDE UNIT WITH LID EXTENSION AS REQUIRED FOR REQUIRED BURIED DEPTH. (2) TANK ACCESS PORTS MIN 24" Ø. INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH MINIMUM EXCAVATION SIZE 12'-0" x 8'-0" FOOTPRINT AREA REQUIRED.

### PLUMBING LEGEND

#### ABBREVIATIONS

ABC	ABOVE CEILING	FT	FEET	PRV	PRESSURE REDUCING VALVE
AD	ACCESS DOOR	FU	FIXTURE UNITS	PS	PRESSURE SWITCH
AFF	ABOVE FINISHED FLOOR	G	NATURAL GAS	PSI	POUNDS PER SQUARE INCH
AFG	ABOVE FINISHED GRADE	GCO	GRADE CLEAN OUT	PSIG	POUNDS PER SQUARE INCH GAUGE
AP	ACCESS PANEL	GD	GARBAGE DISPOSER	PT	PLUGGED TEE
AQ	AQUASTAT	GLV	GLOBE VALVE	R	RISE / RISER
ARCH	ARCHITECT	GM	GAS METER	RD	ROOF DRAIN
AV	ACID VENT	GPH	GALLONS PER HOUR	RET	RETURN
AVTR	ACID VENT THRU ROOF	GPM	GALLONS PER MINUTE	RIO	ROUGH IN ONLY
AW	ACID WASTE	GPR	GAS PRESSURE REGULATOR	RM	ROOM
BFF	BELOW FINISHED FLOOR	GSCK	GAS COCK	RO	REVERSE OSMOSIS WATER
BFP	BACKFLOW PREVENTER	GSV	GAS SEISMIC VALVE	RV	RELIEF VALVE
BFV	BUTTERFLY VALVE	GV	GATE VALVE	RWL	RAINWATER LEADER
BG	BELOW GRADE	GW	GREASE WASTE PIPING	SCD	SECONDARY CONDENSATE DRAIN
BLV	BALL VALVE	HB	HOSE BIBB	SCH	SCHEDULE
CA	COMPRESSED AIR	HD	HOPPER DRAIN	SCW	COLD SOFT WATER
CAP	CAPACITY	HPG	HIGH PRESSURE NATURAL GAS	SD	STORM DRAIN
CB	CATCH BASIN	HW	DOMESTIC HOT WATER	SH	SHOWER
CBV	CALIBRATED BALANCE VALVE	HWR	DOMESTIC HOT WATER RETURN	SHT	SHEET
CD	CONDENSATE DRAIN	ICW	INDUSTRIAL COLD WATER	SHW	HOT SOFT WATER
CFH	CUBIC FEET PER HOUR	IHW	INDUSTRIAL HOT WATER	SHWR	HOT SOFT WATER RETURN
CI	CAST IRON	IHWIR	INDUSTRIAL HOT WATER RETURN	SK	SINK
CKV	CHECK VALVE	ID	INSIDE DIAMETER	SMS	SHEET METAL SCREW
CL	CENTER LINE	IE	INVERT ELEVATION	SOV	SHUT OFF VALVE
CLG	CEILING	IW	INDIRECT WASTE	SS	STAINLESS STEEL
CMP	CORRUGATED METAL PIPE	LA	LABORATORY AIR	STD	STANDARD
CO	CLEANOUT	LAV	LAVATORY	STR	STRAINER
CO2	CARBON DIOXIDE	LBS	POUNDS	TB	TO ABOVE
COP	CAP ON END OF PIPE	LG	LABORATORY GAS	TA	TO BELOW
COTF	CLEANOUT TO FLOOR	LP	LOW PRESSURE	TEMP.	TEMPERATURE
COTG	CLEANOUT TO GRADE	LWT	LEAVING WATER TEMPERATURE	TH	THERMOMETER
CP	CIRCULATING PUMP	MA	MEDICAL AIR	TMV	THERMOSTATIC MIXING VALVE
CR	CONCENTRIC REDUCER	MAX	MAXIMUM	TP	TRAP PRIMER
CSK	CLINIC SINK	MFR	MANUFACTURER	TYP	TYPICAL
CV	CONTROL VALVE	MGC	MEDICAL GAS COLUMN	TW	TEMPERED WATER
CW	DOMESTIC COLD WATER	MIN	MINIMUM	UC	UNDER COUNTER
D	DROP	MISC	MISCELLANEOUS	UF	UNDER FLOOR
DCW	DOMESTIC COLD WATER	MPG	MEDIUM PRESSURE NATURAL GAS	UG	UNDERGROUND
DD	DECK DRAIN	(N)	NEW	UN	UNION OR FLANGE
DET	DETAIL	N2	NITROGEN	UNO	UNLESS NOTED OTHERWISE
DF	DRINKING FOUNTAIN	NZO	NITROUS OXIDE	UR	URINAL
DHW	DOMESTIC HOT WATER	NC	NORMALLY CLOSED	V	SANITARY VENT
DHWR	DOMESTIC HOT WATER RETURN	NIC	NOT IN CONTRACT	VB	VALVE BOX
DI	DEIONIZED WATER	NO	NORMALLY OPEN	VAC	MEDICAL VACUUM
DN	DOWN	NTS	NOT TO SCALE	VTR	VENT THRU ROOF
DWG	DRAWING	OZ	OXYGEN	W	SANITARY WASTE
(E)	EXISTING	OC	ON CENTER	WD	WASTE DROP
EW	ELECTRIC WATER HEATER	OFCI	OWNER FURNISHED	W/	WITH
EWT	ENTERING WATER TEMPERATURE	ORD	CONTRACTOR INSTALLED	W/O	WITHOUT
FA	FROM ABOVE	ORF	OVERFLOW ROOF DRAIN	WAGD	WASTE ANESTHESIA GAS DISPOSAL
FB	FROM BELOW	ORWL	OVERFLOW RAIN WATER LEADER	WC	WATER CLOSURE
FC	FLEXIBLE CONNECTION	OH	OVERHEAD	WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT	P&TRV	PRESSURE & TEMPERATURE	WD	WASTE DROP
FD	FLOOR DRAIN	REL	RELIEF VALVE PIPING	WH	WALL HYDRANT
FHC	FIRE HOSE RACK & CABINET	PIL	PROPERTY LINE	WHA	WATER HAMMER ARRESTER
FLR	FLOOR	PAN	PIPE ANCHOR	WM	WATER METER
FPM	FEET PER MINUTE	PG	PRESSURE GAUGE	WSP	WET STANDPIPE
FSH	FIRE SPRINKLER HEAD	PL	PLATE		
FS	FLOOR SINK	PLBG	PLUMBING		
FSP	FIRE SPRINKLER PIPE	POC	POINT OF CONNECTION		
		POD	POINT OF DISCONNECT		

#### SYMBOLS

	DOMESTIC COLD WATER LINE		ITEM TO BE REMOVED / DEMOED
	DOMESTIC HOT WATER		ITEM TO BE ABANDONED IN PLACE
	DOMESTIC HOT WATER RETURN		BALL VALVE
	SOIL OR WASTE LINE BELOW GRADE		GATE VALVE
	SOIL OR WASTE LINE ABOVE GRADE		BALANCE VALVE
	GREASE WASTE LINE		BUTTERFLY VALVE
	ACID WASTE LINE		CHECK VALVE
	VENT LINE		LEVER HANDLE GAS COCK
	GREASE VENT LINE		UNION
	RAINWATER LEADER LINE		VALVE BOX
	OVERFLOW RAINWATER LEADER LINE		CAP (END OF PIPE)
	CONDENSATE DRAIN		CIRCULATING PUMP
	DECK DRAIN LINE (TO STORM DRAIN)		DIAMETER
	NATURAL GAS LINE (LOW PRESSURE)		CLEANOUT TO FLOOR
	MEDIUM PRESSURE NATURAL GAS LINE		CLEANOUT TO GRADE
	FLOW IN DIRECTION OF ARROW		CLEANOUT
	REDUCER		FLOOR DRAIN
	RISER (OVER/UNDER)		FLOOR SINK
	R, D RISE OR DROP		HOSE BIBB
			POINT OF CONNECTION
			POINT OF DISCONNECTION
			ROOM NAME AND NUMBER

### PLUMBING FIXTURE SCHEDULE

FIXTURE	GENERAL DISCRIPTION	BASE FIXTURE	TRIM	WHA REQUIRED AT FIXTURE	NOTES	FIXTURE UNITS						PLUMBING PIPE BRANCH SIZE SERVING FIXTURE									
						WASTE		VENT		COLD WATER		HOT WATER		WASTE		VENT		COLD WATER		HOT WATER	
						WASTE	VENT	CW	HW	VENT	BRANCH	OUTLET	BRANCH	OUTLET	BRANCH	OUTLET	BRANCH	OUTLET	BRANCH	OUTLET	
S-1	KITCHEN SINK (BY OTHERS) - REFERENCE FOOD SERVICE DRAWINGS FOR DETAILS	SEE FOOD SERVICE DRAWINGS FOR DETAILS. SCHEDULE SHOWS PLUMBING UTILITY REQUIREMENTS (NOTE - SOME FIXTURES REQUIRE MULTIPLE FAUCETS).	AT KITCHEN HANDWASH SINK, PROVIDE WITH POWERS MODEL LFG480-01 LEAD FREE THERMOSTATIC MIXING VALVE. MOUNT UNDER LAVATORY SET OUTLET TEMPERATURE TO 120°F. REFERENCE FOOD SERVICE DWGS FOR ADDITIONAL REQUIREMENTS.	YES, PROVIDE ON BOTH H&CW	MOUNT AT HEIGHT AS INDICATED ON ARCHITECTURAL DRAWINGS. INSULATE EXPOSED WASTE AND WATER PER NOTE 4 BELOW AT WALL HUNG HANDWASH FIXTURE.	2.0	2.0	1.5	1.5	1 1/2"	2" FOR DIRECT CONNECTIONS	2" OR 3" BRANCH LINE TO FLOOR SINK SERVING THIS FIXTURE (AS NOTED ON PLANS)	SEE FOOD SERVICE DWGS	SEE FOOD SERVICE DWGS	SEE FOOD SERVICE DWGS	SEE FOOD SERVICE DWGS					
MS-1	MOP SINK   FLOOR MOUNT   H&CW WATER	KOHLER WHITEY - MODEL K6710. FIXTURE TO BE AS FOLLOWS: • CAST IRON • 28" LONG BY 28" WIDE • PROVIDE WITH MODEL K-8940 SINK RIM GUARD • PROVIDE WITH MODEL K-9146-CP STRAINER	CHICAGO FAUCET MODEL 897-CP FAUCET TO BE AS FOLLOWS: • HW & CW - 2-3/8" LEVER HANDLES W/ CERAMIC 1/4 TURN OPERATING CARTRIDGES • CHROME PLATED FINISH • INTEGRAL VACUUM BREAKER • PAIL HOOK AND WALL BRACE	YES, PROVIDE ON BOTH H&CW	PROVIDE FAUCET WITH 5'-0" LONG HOSE WITH WALL MOUNTED HOSE CLAMP - FLORESTONE MODEL MR-370 MOUNT FAUCET AT 36" AFF.	2.0	3.0	2.25	2.25	1 1/2"	2" OR 3" BRANCH LINE FIELD VERIFY (E) BRANCH LINE SIZE AND MATCH (E) WASTE BRANCH SIZE	3/4"	1/2"	3/4"	1/2"						

**NOTES:**

- USE PIPE SIZE TABLE FOR SIZING ALL BRANCH WATER, WASTE, & VENT BRANCH PIPES.
- REFERENCE ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
- WATER BRANCH LINES WHERE LESS THAN 10'-0" LONG MAY BE SAME SIZE AS OUTLETS SCHEDULED ABOVE.
- AT ALL ADA SINKS AND LAVATORIES, INSULATE HOT WATER, COLD WATER, AND WASTE PIPING BELOW FIXTURE WITH "TRUEBRO" LAV GUARD PROTECTIVE MOLDED CLOSED CELL VINYL PIPE COVERS, WITH VANDAL RESISTANT SNAP-CLIP FASTENERS, AND AN ASTM E-84 SMOKE TEST RATING OF 0. NOTE - COVERS NOT REQUIRED IF ARCHITECTURAL COVER IS PROVIDED.
- PROVIDE WATER HAMMER ARRESTOR FOR ON BOTH H&CW BRANCH LINES AT ALL FIXTURES PER SPECIFICATION SECTION 22 05 23
- WHERE KITCHEN SINK SPILLS TO FLOOR SINKS, INDIRECT WASTE TO BE DWV COPPER WITH UNIONS. SLIP JOINTS SHALL NOT BE PROVIDED.
- WHERE FIXTURES ARE NOTED AS BEING "ADA", INSTALLATION TO MEET ADA REQUIREMENTS AND CBC REQUIREMENTS.

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PROJECT NAME:  
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**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
 SCHOOL DISTRICT

SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:  
**PLUMBING LEGEND, SCHEDULES, AND NOTES**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN. 5, 2024	P001
REVISION:	





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PROJECT NAME:

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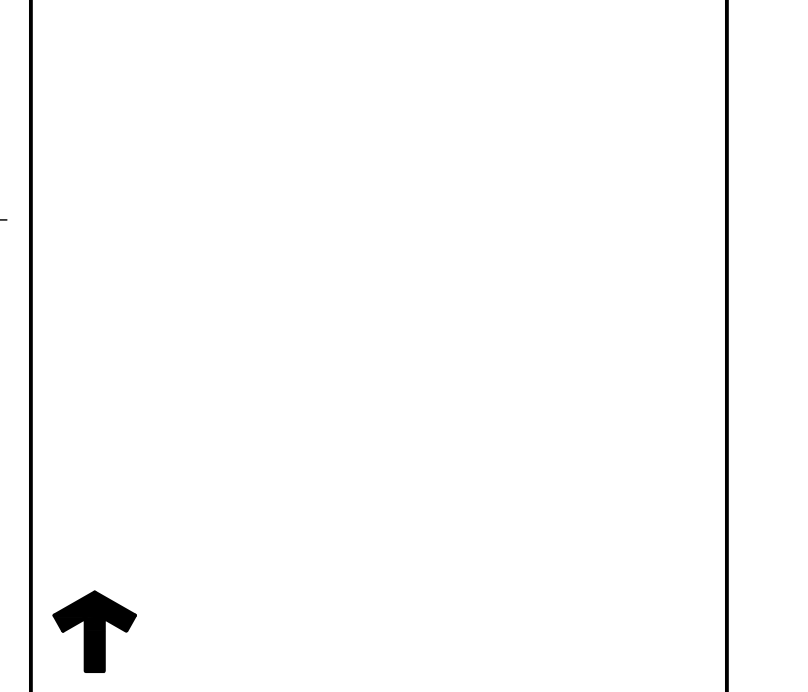
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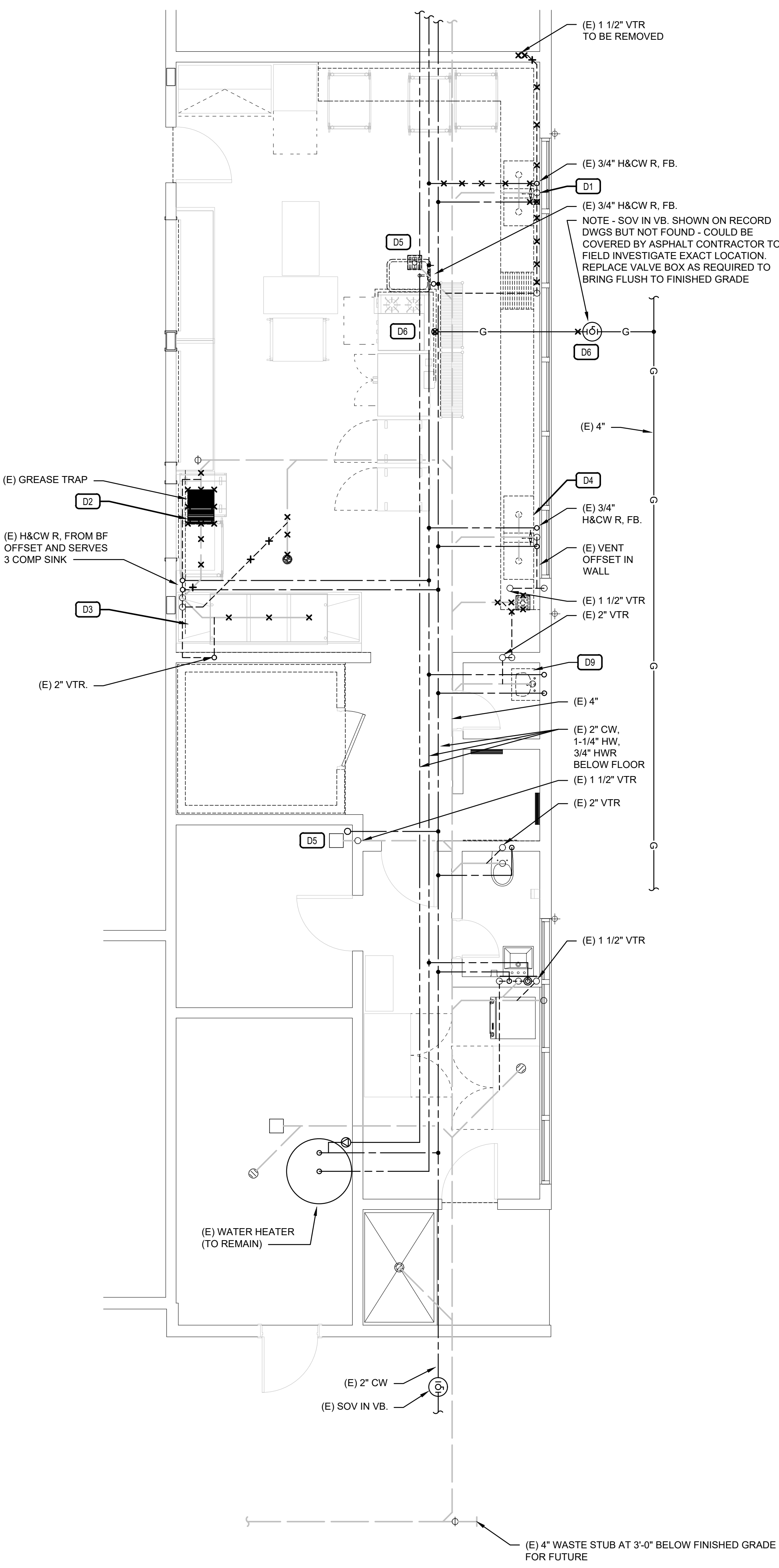
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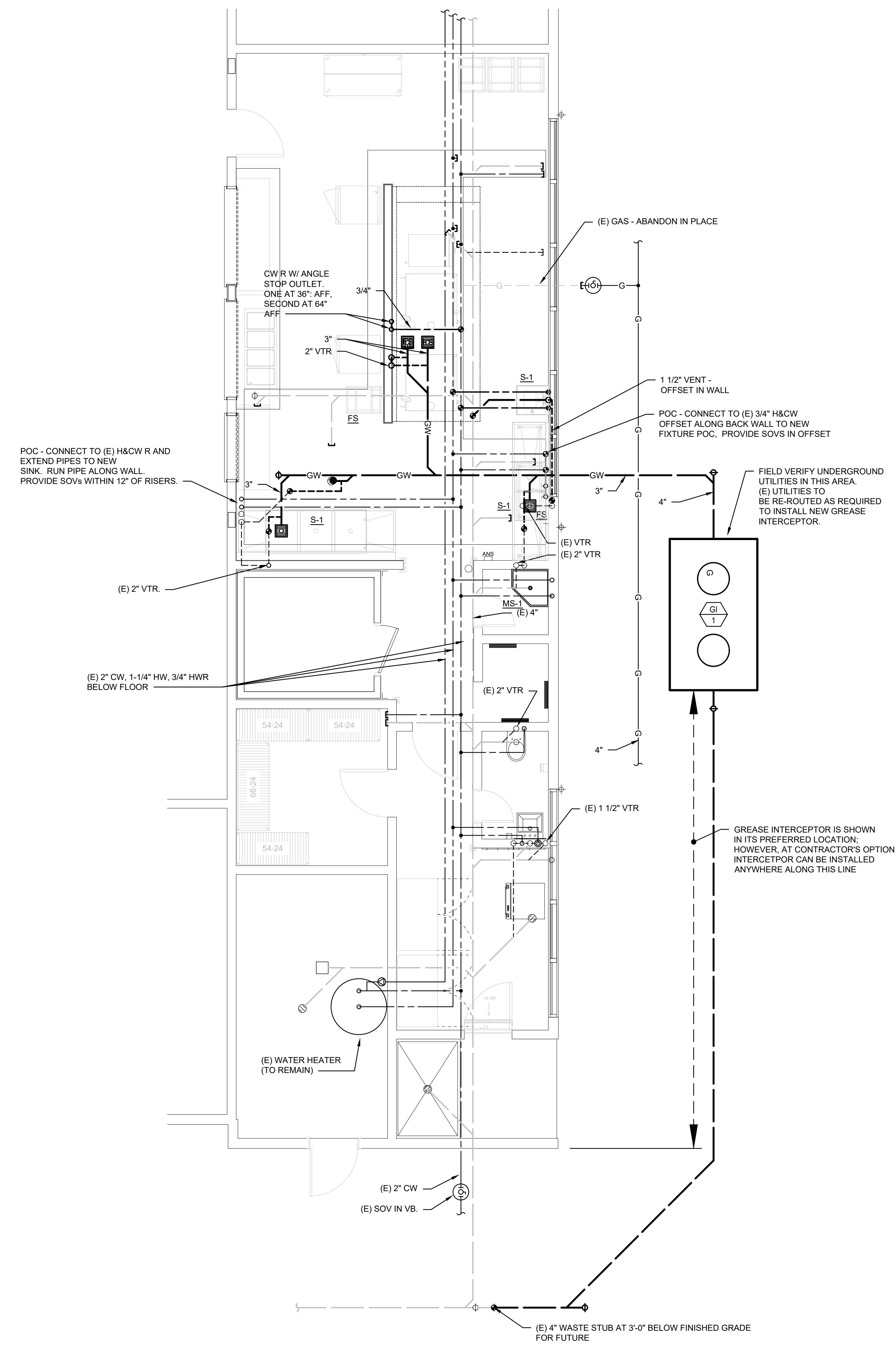


SHEET TITLE: <b>PLUMBING ENLARGED KITCHEN PLANS</b>	
JOB NUMBER:	SHEET NUMBER: <b>P141</b>
DATE: JAN. 5, 2024	
REVISION:	



**PLUMBING - KITCHEN PLAN - DEMO**  
 SCALE: 1/4"=1'-0"  
 1 P141

SHEET NOTES - DEMO	
D1	(E) FIXTURE TO BE REMOVED. CUT/CAP (E) WASTE/VENT BEHIND ARCHITECTURE SURFACE. CUT/CAP (E) H&CW BELOW GRADE. CAP (E) HW BRANCH LINE WITHIN 1" OF BRANCH LINE AND CAP (E) H&CW BRANCH LINES MAY BE ABANDONED UNDER SLAP OR REMOVED. IF ABANDONED, DRAIN AND DRY PIPES BEFORE CONCRETING.
D2	REMOVE (E) GREASE TRAP AND ASSOCIATED PIPING.
D3	(E) 3 COMPARTMENT SINK TO BE REMOVED/REPLACED. TEMPORARY CAP (E) H&CW RISER WITHIN 6" OF FLOOR (THESE WILL BE RE-UTILIZED TO SERVE NEW FIXTURE). CAP (E) WASTE BELOW FLOOR AND ABANDON IN PLACE.
D4	(E) 2 COMPARTMENT SINK TO BE REMOVED/REPLACED (IN A NEW LOCATION). TEMPORARY CAP (E) H&CW RISER WITHIN 6" OF FLOOR AND PREP TO RELOCATE TO NEW SINK (THESE WILL BE RE-UTILIZED TO SERVE NEW FIXTURE). CAP (E) WASTE BELOW FLOOR AND ABANDON IN PLACE. NOTE: NEW SINK TO BE CONNECTED TO GREASE WASTE.
D5	REMOVE (E) FLOOR SINK AND CW RISER. CAP (E) WASTE/CW BEHIND FINISHED SURFACES. REMOVE VENT AND VTR.
D6	REMOVE (E) GAS PIPING. CAP LINE AT (E) SOV & CLOSE VALVE. REMOVE ALL GAS PIPING WITHIN KITCHEN AND CAP BFF. EVACUATE (E) UNDERGROUND PIPE AND ABANDON IN PLACE.
D7	REMOVE (E) SINK AND PLUMBING UTILITIES. CAP (E) WASTE BELOW FINISHED FLOOR. CAP (E) H&CW RISERS BELOW FINISHED FLOOR. CAP (E) HW RISER WITHIN 1" OF BRACH LINE.
D8	(E) FLOOR SINK TO BE REMOVED/REPLACED. REMOVE (E) WASTE/VENT AS INDICATED AND PREP FOR NEW.
D9	REMOVE (E) SERVICE SINK. PREP (E) WASTE, VENT, H&CW FOR CONNECTION TO NEW MOP SINK.
<b>GENERAL NOTES:</b>	
1. FIELD VERIFY EXACT PIPE ROUTING AND ADJUST ACCORDINGLY.	
2. WHERE CAPPED, HW PIPE TO BE CAPPED WITHIN 1" OF BRANCH.	
3. WHERE ABANDONED, DRAIN PIPES BEFORE ABANDONING.	



**PLUMBING - KITCHEN PLAN - REMODEL**  
 SCALE: 1/4"=1'-0"  
 2 P141





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PROJECT NAME:

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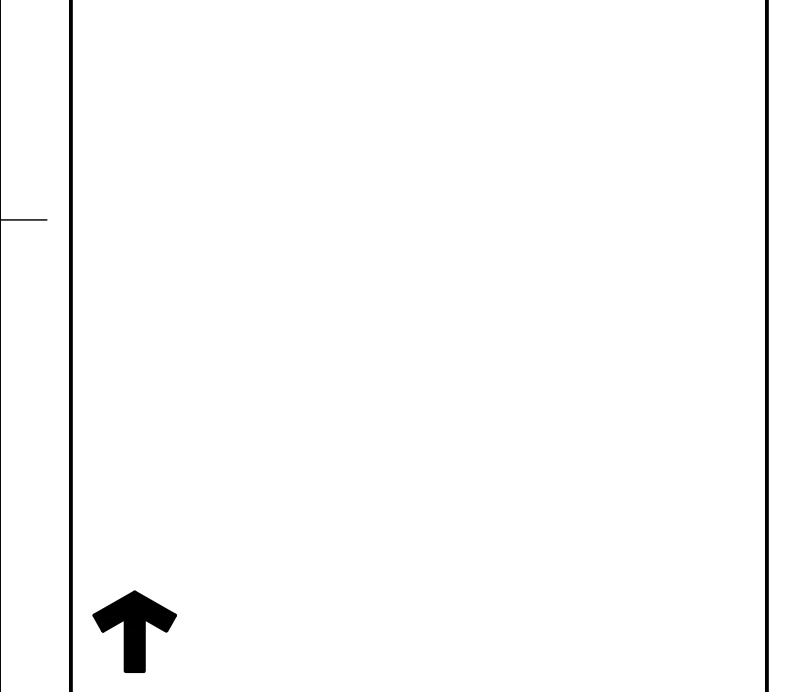
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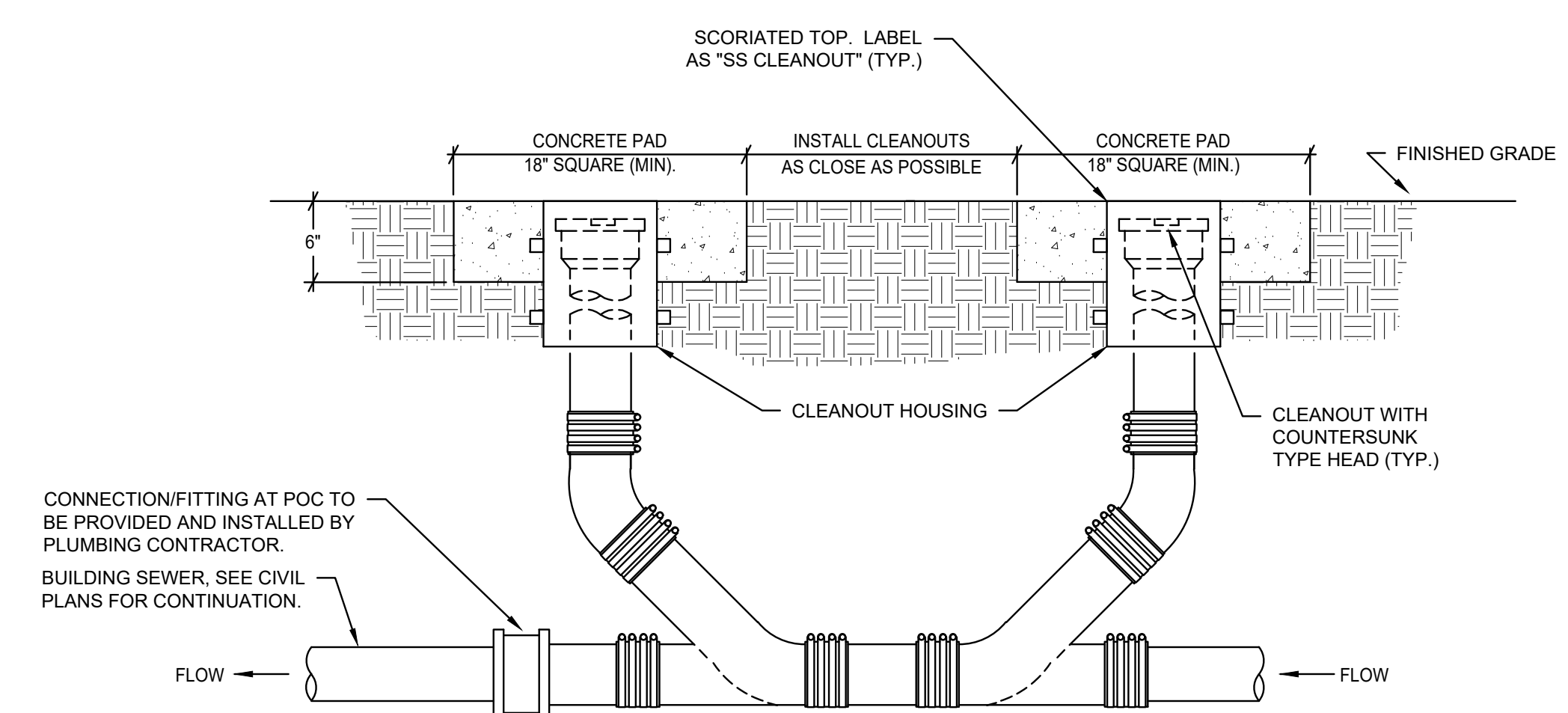
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KEY PLAN:

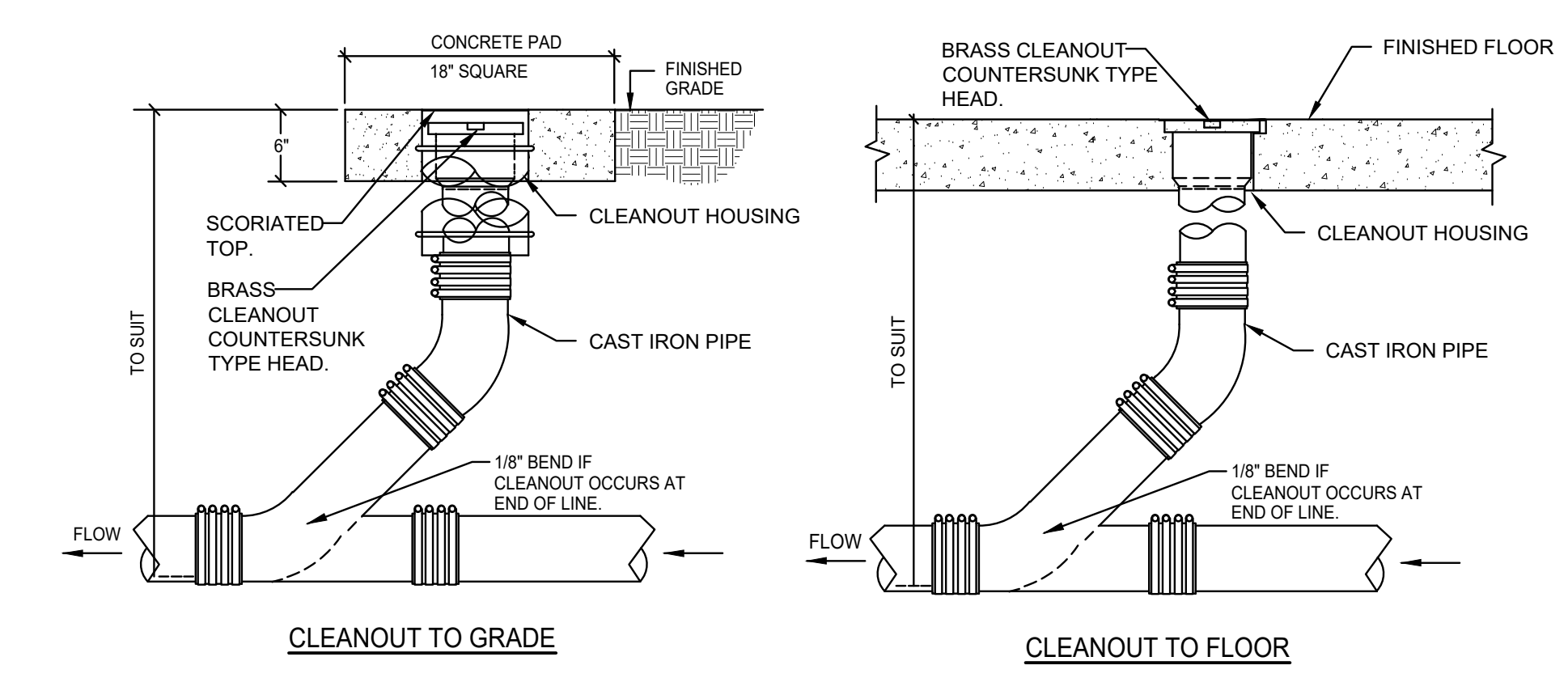


SHEET TITLE:  
**PLUMBING LEGEND, SCHEDULES, AND NOTES**

JOB NUMBER:	SHEET NUMBER:
DATE: JAN. 5, 2024	P501
REVISION:	

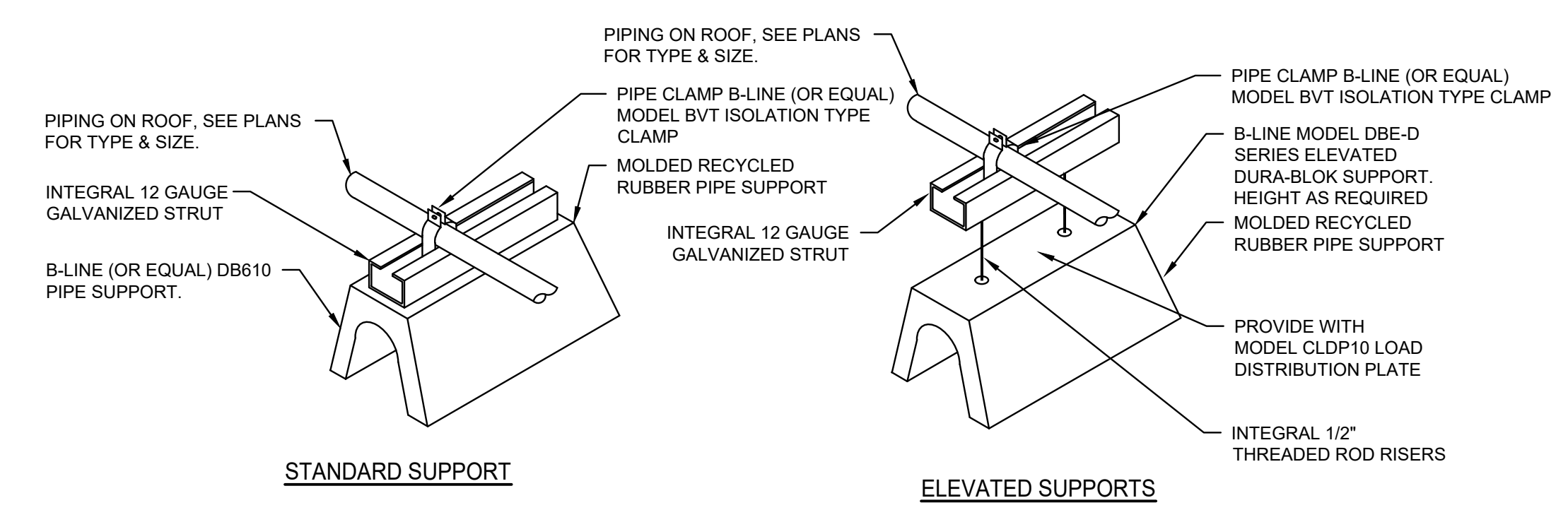


- NOTES:
1. PROVIDE TWO WAY CLEANOUT AT ALL SANITARY SEWER AND STORM DRAIN POINTS OF CONNECTION WITH SITE PIPING SYSTEM.
  2. PROVIDE ALL FITTINGS AND TRANSITIONS AS REQUIRED.
- 2-WAY CLEANOUT / DOUBLE CLEANOUT**  
 (TO BE PROVIDED AT ALL CONNECTIONS TO SITE PIPING)



**CLEANOUT DETAILS**

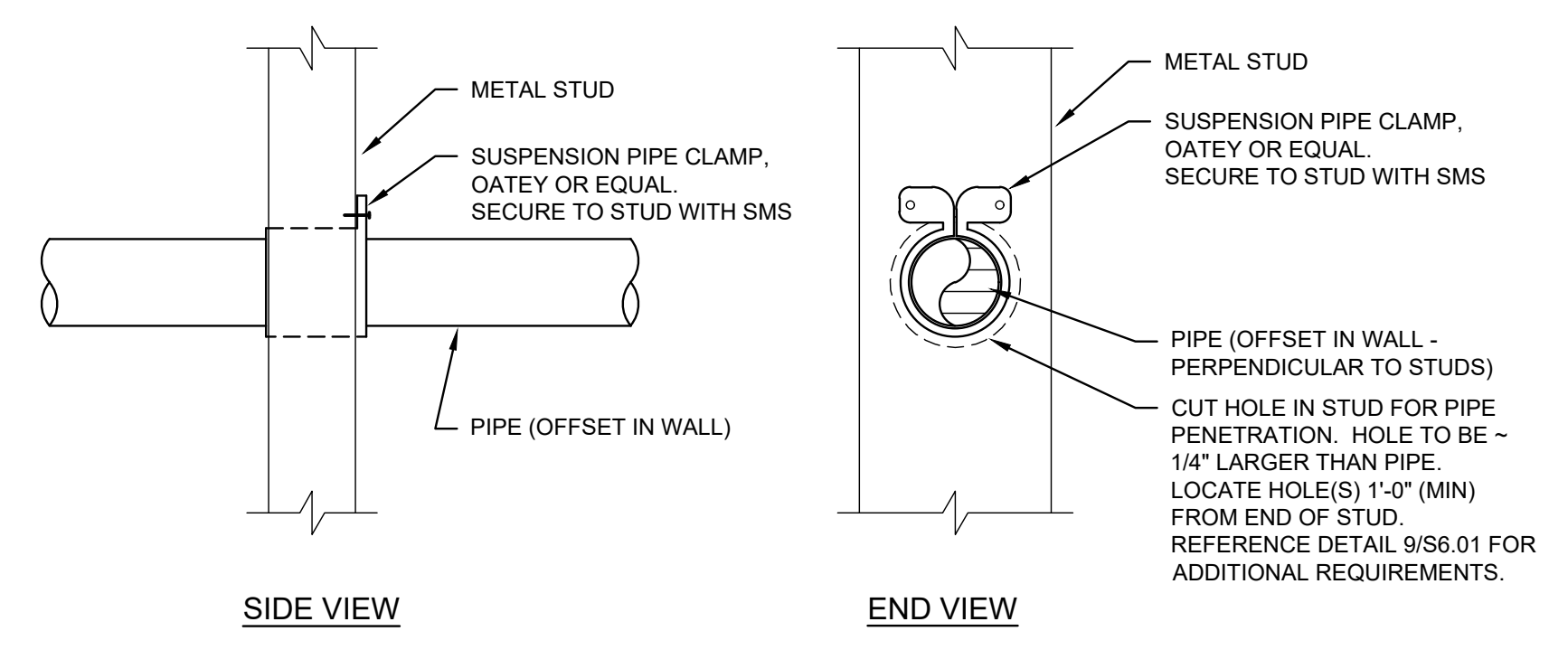
5  
P501



- NOTES:
1. WHERE EXTENDED HEIGHT IS REQUIRED, PROVIDE WITH MODEL B408 SINGLE CHANNEL BRACKET. ATTACHED TO BASE STRUT WITH SPRING-NUTS AND BOLTS. ATTACH PIPE TO ELEVATED BRACKET.
  2. MAXIMUM SPACING BETWEEN SUPPORTS NOT TO EXCEED 6'-0".
  3. SUPPORT DETAIL TO BE USED FOR CONDENSATE PIPING AND WHERE NOTED.

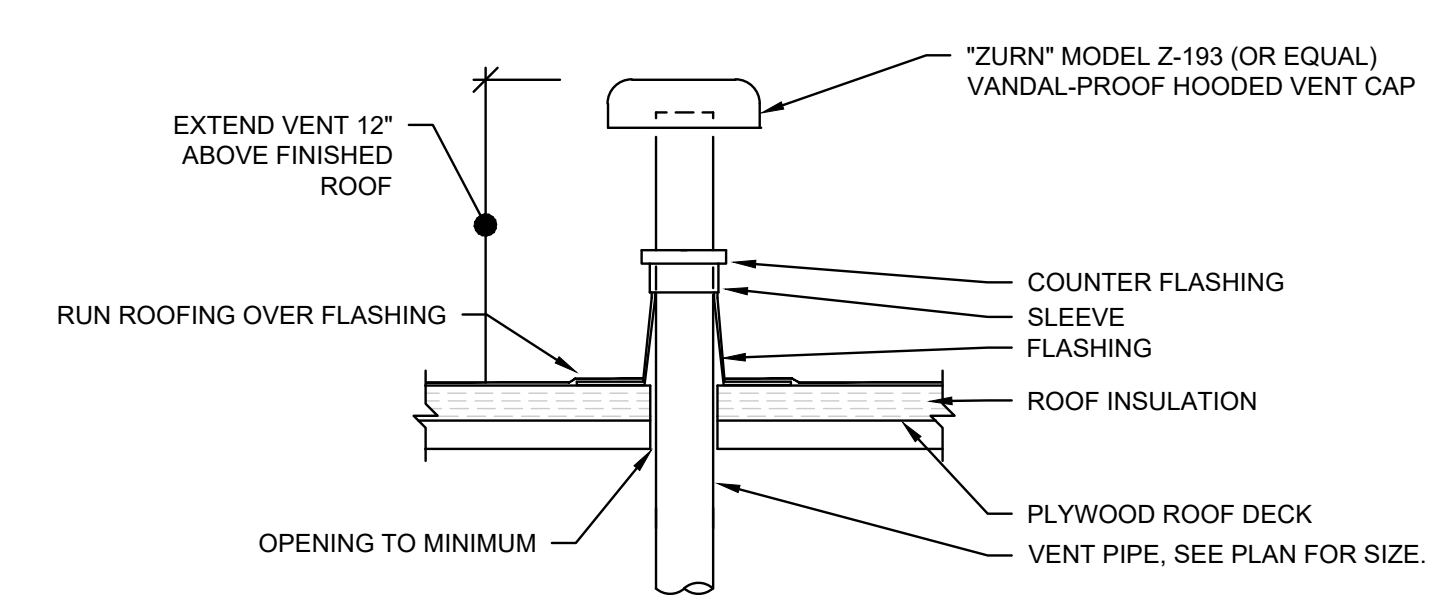
**PIPE SUPPORT ON ROOF**

5  
P501



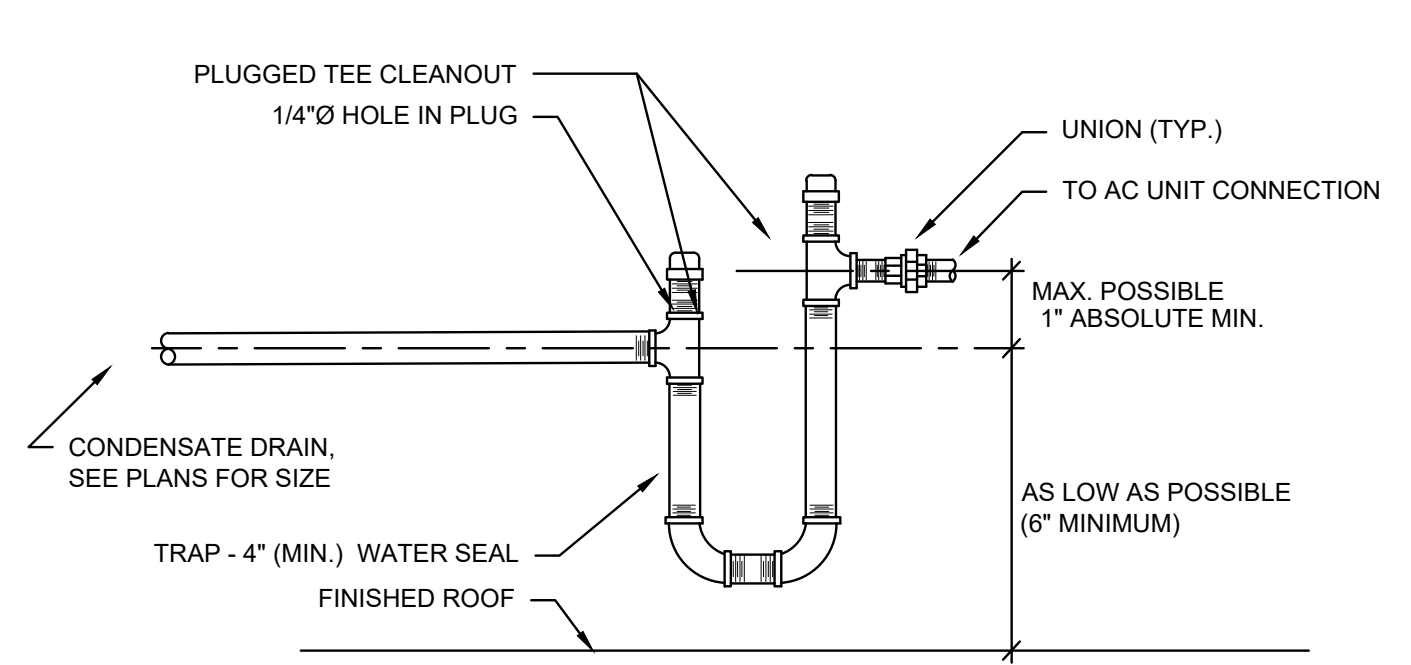
**PIPE - IN WALL - SUPPORT DETAILS**

5  
P501



**TYPICAL VENT PIPE THRU ROOF**

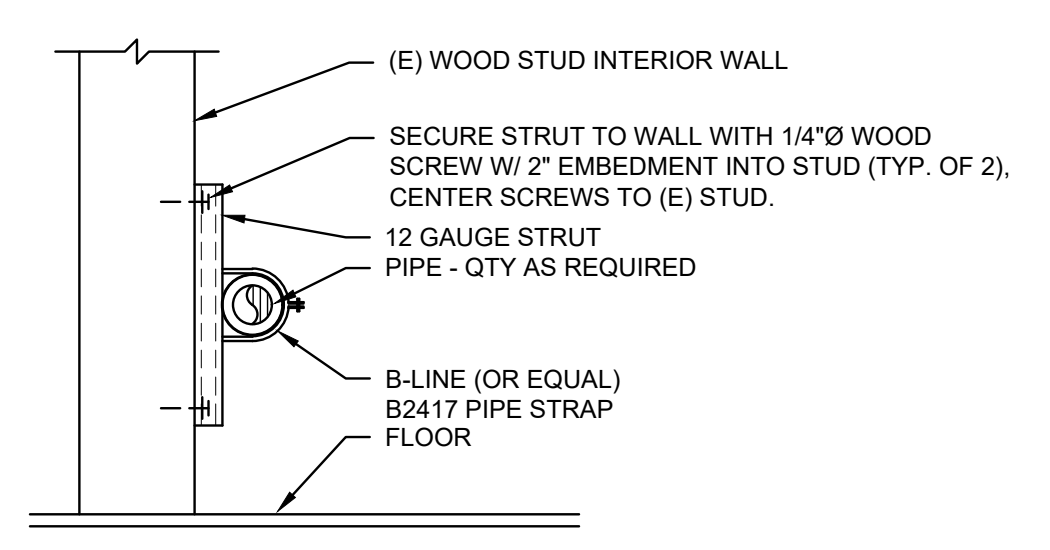
2  
P501



- NOTES:
1. CD AT ROOFTOP HEAT PUMP UNITS TO BE SCHEDULE 40 GALVANIZED PIPE.
  2. CD AT INTERIOR AREAS TO BE COPPER - TRAPS TO BE SIMILAR AS DETAILED.
  3. REFERENCE MECHANICAL DRAWINGS FOR CONDENSATE DRAIN PIPING.
  4. FIRST SUPPORT TO BE WITHIN 12" OF TRAP.

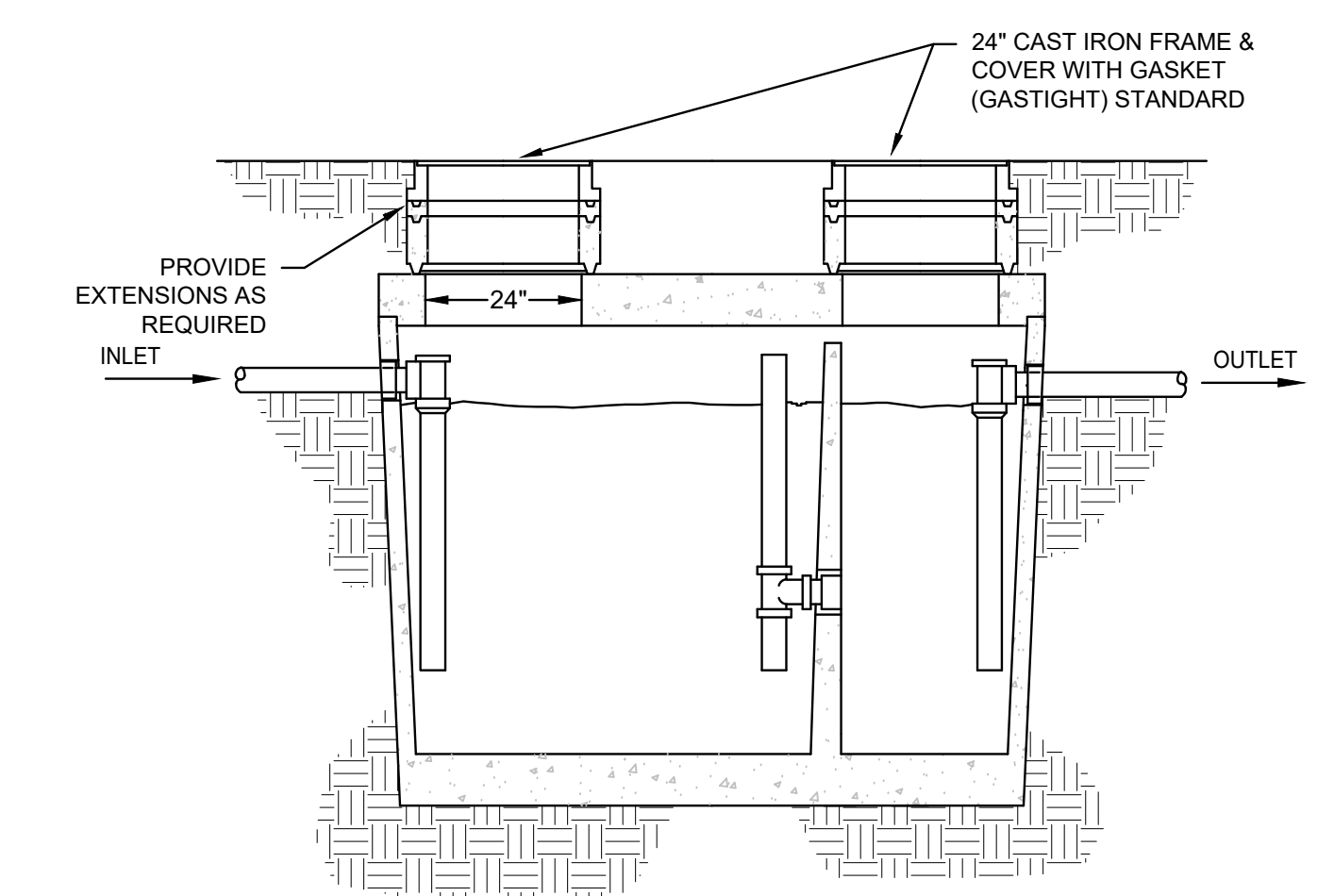
**CONDENSATE TRAP DETAIL**

4  
P501



**PIPE SUPPORT @ WALL DETAIL**

4  
P501



**GREASE INTERCEPTOR DETAIL**

1  
P501



STATE OF CALIFORNIA  
**Electrical Power Distribution**  
 CERTIFICATE OF COMPLIANCE  
 This document is used to demonstrate compliance with mandatory requirements in 130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 130.6 and 130.9 for electrical systems in newly constructed multifamily occupancies. Additional and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)(3) for alterations. For multifamily addition or alterations compliance will be documented per 180.1(a) or 180.1(b)(4)(a).  
 Project Name: Alice Birney TK-8, Campus Renewal Report Page: (Page 2 of 4)  
 Project Address: 6254 13th Street, Sacramento, CA 95831 Date Prepared: 2023-12-14 16:26:23-05:00

**A. GENERAL INFORMATION**

01 Project Location (City)	Sacramento	02 Climate Zone	12
03 Occupancy Types Within Project:	School or Classroom		

**B. PROJECT SCOPE**  
 This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/Description	Scope of Work <sup>1</sup>	Rating <sup>2</sup> (kVA)	Utility Provided Metering System Exception to 130.5(a) or 180.6(a) <sup>3</sup>	System subject to CA Elec Code Article 517 Exception to 130.5(a) and (b) <sup>4</sup>	Demand Response Controls	Provides power to dwelling unit/common living area only in multifamily occupancy
Sheet E100 - Main Switchboard	Add/Alt to feeders and branch circuits only	---	<input type="checkbox"/>	<input type="checkbox"/>	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 130.7, 160.3, 130.1, 160.5, and 130.3/160.5, and mechanical, indoor lighting, and sign lighting Certificates of Compliance documents will indicate when demand response controls are required.	<input type="checkbox"/>

FOOTNOTES: Adding only new feeders and branch circuits requires Voltage Drop 130.5(d)/160.6(c), no other requirements from 130.5/160.6 are required.  
 If common use areas in a multifamily are submitted, rating is for submeter size serving common use areas.  
 If applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility defined period.

Generated Date/Time: Documentation Software: Energy Code Ace  
 CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 165142-1223-002  
 Schema Version: rev 2022101 Report Generated: 2023-12-14 13:26:26

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**C. COMPLIANCE RESULTS**  
 Results in this table are automatically calculated from data input and calculations in Tables 1 through 1. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01	02	03	04	05	06
Service Electrical Metering 130.5(a)/160.6(a) (See Table F)	Separation for Metering 130.5(b)/160.6(b) (See Table G)	Voltage Drop 130.5(c)/160.6(c) (See Table H)	Controlled Receptacles 130.5(d)/160.6(d) (See Table I)	Electric Ready 160.9 (See Table J)	Compliance Results
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	COMPLIES

**D. EXCEPTIONAL CONDITIONS**  
 This table is used to provide any additional comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**  
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

**H. VOLTAGE DROP**  
 This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with 130.5(d)/160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)(3) or 180.1(b)(4)(a).

01	02	03	04	05
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations <sup>1</sup>	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector Pass/Fail
Sheet E100 - Main Switchboard	Voltage drop less than 3% <input type="checkbox"/>	Permitted by CA Elec Code Exception to 130.5(d) <sup>2</sup>	Contractor Responsible	<input type="checkbox"/>

\*NOTES: If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.  
 FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "checked" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

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STATE OF CALIFORNIA  
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**K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**  
 Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/File

**L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
 There are no forms required for this project.

Generated Date/Time: Documentation Software: Energy Code Ace  
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**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Yvette Van Zanten Documentation Author Signature: *Yvette Van Zanten*  
 Company: M. Neils Engineering Signature Date: 01-03-2024  
 Address: 100 Howe Ave, Suite 235N (SA/NER certification identification if relevant)  
 City/State/Zip: Sacramento, CA 95825 Phone: 916-923-4000

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
 I verify the following under penalty of perjury under the laws of the State of California:  
 1. The information provided on this Certificate of Compliance is true and correct.  
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
 3. The design features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of 130.5, 160.3, and 160.5 and meet all the California Code of Regulations.  
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the Authority Having Jurisdiction.  
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Yvette Van Zanten  
 Company: M. Neils Engineering Date Signed: 01-03-2024  
 Address: 100 Howe Ave, Suite 235N License: E15483  
 City/State/Zip: Sacramento, CA 95825 Phone: 916-923-4000

Generated Date/Time: Documentation Software: Energy Code Ace  
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Applicable Code: 2022 CBC  
 MEP Component Anchorage Note  
 All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA-approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2022 CBC Sections 1617A.1.18 through 1617A.1.26 and ASCE 7-16 Chapters 13, 26, and 30.  
 1. All permanent equipment and components.  
 2. Temporary, movable or mobile equipment that is permanently attached (e.g., hard wired) to the building utility services such as electricity, gas or water. "Permanently attached" shall include all electrical connections except plugs for 110/220 volt receptacles having a flexible cable.  
 3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component is required to be restrained in a manner approved by DSA.  
 The following mechanical and electrical components shall be positively attached to the structure but need not demonstrate design compliance with the references noted above. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit. Flexible connections must allow movement in both transverse and longitudinal directions.  
 A. Components weighing less than 400 pounds and having a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.  
 B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.  
 The anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

Applicable Code: 2022 CBC  
 Piping, Ductwork, and Electrical Distribution System Bracing Note  
 Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-16 Section 13.3 as defined in ASCE 7-16 Sections 13.6.5, 13.6.6, 13.6.7, 13.6.8, and 2022 CBC, Sections 1617A.1.24, 1617A.1.25 and 1617A.1.26.  
 The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on a preapproved installation guide (e.g., HCAI OPM for 2013 CBC or later), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution systems. The Structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.  
 Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP), Electrical Distribution Systems (E):  
 MP MD PP E Option 1: Detailed on the approved drawings with project specific notes and details.  
 MP MD PP E Option 2: Shall comply with HCAI (OSHPD) Preapproval (OPM R) # \_\_\_\_\_

**Electrical Power Distribution Mandatory Measures:**

**130.5(a) DEMAND RESPONSIVE (DR) CONTROLS**  
 ALL DEMAND RESPONSIVE CONTROLS SHALL:  
 1. BE EITHER A CERTIFIED OPERATOR 2.0a OR OPERATOR 2.0b VIRTUAL END NODE (VEN); OR B. CERTIFIED BY THE MANUFACTURER AS BEING CAPABLE OF RESPONDING TO A DR SIGNAL FROM A CERTIFIED OPERATOR 2.0b-VEH AUTOMATICALLY IMPLEMENTING THE CONTROL FUNCTIONS REQUESTED BY THE VEN FOR THE EQUIPMENT IT CONTROLS.  
 2. BE CAPABLE OF COMMUNICATING USING ONE OR MORE OF THE FOLLOWING: W-I, ZigBee, BACNET, ETHERNET OR HARD-WIRING.  
 3. CONTINUE TO PERFORM ALL OTHER CONTROL FUNCTIONS PROVIDED BY THE CONTROL WHEN COMMUNICATIONS ARE DISABLED OR UNAVAILABLE.  
 4. DR CONTROL THERMOSTATS SHALL COMPLY WITH REFERENCE JOINT APPENDIX 5 (JAS), TECHNICAL SPECIFICATIONS FOR OCCUPANT CONTROLLED SMART THERMOSTATS.

**130.5(d) DEMAND RESPONSIVE ELECTRONIC MESSAGE CENTER CONTROL**  
 CONTROLS FOR ELECTRONIC MESSAGE CENTERS GREATER THAN 1500V SHALL BE CAPABLE OF REDUCING THE LIGHTING POWER BY A MINIMUM OF 30% WHEN RECEIVING A DR SIGNAL.

**130.5(g) VOLTAGE DROP**  
 THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 3%.

**ELECTRICAL SYMBOL LIST**

	WALL MOUNTED EXIT LUMINAIRE. ARROW SIGNIFIES DIRECTION, TYPICAL.
	ENCLOSED LUMINAIRE - SURFACE MOUNTED
	EMERGENCY ENCLOSED LUMINAIRE
	EXISTING LUMINAIRE TO BE REMOVED
	DIMMER SWITCH - SIZE AS NOTED ON PLAN
	OCCUPANCY AREA SENSOR SWITCH - CEILING MOUNTED OS = OCCUPANCY SENSOR; PC = PHOTOCELL; DL = DAYLIGHT
	JUNCTION BOX - SIZE AS REQUIRED BY CODE
	DUPLIX CONVENIENCE OUTLET - NEMA 5-20R +18" AFF TYPICAL FOR ALL CONVENIENCE OUTLETS, UNLESS NOTED OTHERWISE (OUTLETS ABOVE COUNTER MOUNTED HORIZONTALLY AT +44" AFF UNO, TV OUTLETS AT +72" AFF UNO, "XX" INDICATES MOUNTING HEIGHT OTHER THAN 18", "ABC-#" INDICATES PANEL AND CIRCUIT NUMBER - TYPICAL FOR ALL OUTLETS UNLESS NOTED OTHERWISE).
	GFCI DUPLIX CONVENIENCE OUTLET - NEMA 5-20R
	SPECIAL RECEPTACLE AS SHOWN ON PLANS
	DATA OUTLET - FLUSH IN WALL +18" AFF NUMBER IN PARENTHESIS INDICATES NUMBER OF DATA JACKS. STUB ONE 1" CONDUIT WITH BUSHING AT THE END AND PULL ROPE INTO ACCESSIBLE CEILING AREA.
	FIRE ALARM MANUAL, PULL STATION, +45" AFF UNLESS NOTED OTHERWISE (ALPHA-NUMBERIC SUBSCRIPT DENOTES LOOP AND DEVICE NUMBER - TYPICAL FOR ALL FIRE ALARM DEVICES)
	FIRE ALARM HEAT DETECTOR - CEILING MOUNTED. "X" = "C", "R", "FR" TO INDICATE "RATE COMPENSATION", "RATE OF RISE", "FIXED TEMPERATURE AND RATE OF RISE" TYPE DETECTOR RESPECTIVELY. THE DEFAULT TYPE IS "FIXED TEMPERATURE" INDICATED BY NO LETTER.
	FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED. "X" = "I", "R", "T" TO INDICATE "IONIZATION", "BEAM RECEIVER", "BEAM TRANSMITTER" TYPE DETECTOR RESPECTIVELY. THE DEFAULT TYPE IS "PHOTOELECTRIC" INDICATED BY NO LETTER.
	FIRE ALARM MECHANICAL DUCT DETECTOR - COORDINATE LOCATION WITH HVAC DRAWINGS AND CONTRACTOR.
	FIRE ALARM AUDIBLE DEVICE, +90" AFF UNLESS OTHERWISE NOTED. DEFAULT DEVICE IS A HORN
	FIRE ALARM AUDIO / VISUAL DEVICE, +80" AFF DEFAULT AUDIO DEVICE IS A HORN. "YY" INDICATES STROBE CANDELA RATING.
	VISUAL FIRE ALARM DEVICE +80" AFF - WALL MOUNTED (LAMP, SIGNAL LIGHT, INDICATOR LAMP, STROBE), "YYY" = CANDELA RATING
	FIRE/SMOKE DAMPER PROVIDED BY OTHER DIVISION, CONNECTION BY ELECTRICAL. SEE MECHANICAL PLANS
	FIRE ALARM RELAY MODULE
	FIRE ALARM CONTROL MODULE
	FIRE ALARM MONITOR MODULE
	END OF LINE RESISTOR
	MASTER FIRE ALARM CONTROL PANEL
	REMOTE FIRE ALARM POWER SUPPLY
	FIRE ALARM REMOTE ANNUNCIATOR PANEL - FLUSH MOUNTED
	SPEAKER - WALL MOUNTED EXISTING
	CLOCK - WALL MOUNTED EXISTING
	FLEXIBLE CONDUIT CONCEALED. NUMBER OF HASH MARKS DENOTES QUANTITY OF WIRES. CURVED HASH MARK DENOTES QUANTITY OF #12 GREEN GROUND WIRES. CONDUCTORS OTHER THAN #12 ARE INDICATED ON PLANS. NO HASH MARKS DENOTES #12 AWG AND 1 #12 GREEN GROUND IN 3/4" MINIMUM DIAMETER CONDUIT.
	CONDUIT RUN UNDERFLOOR OR UNDERGROUND MINIMUM 1" DIAMETER.
	CONDUIT HOMERUN TO PANELBOARD, SWITCHBOARD OR TERMINAL CABINET
	EXISTING CONDUIT AND WIRING
	EXISTING CONDUIT TO BE REMOVED OR ABANDONED, REMOVE WIRES. COORDINATE WITH OWNER.
	PANELBOARD - SURFACE MOUNTED
	PANELBOARD - FLUSH MOUNTED
	EXISTING PANELBOARD - SURFACE MOUNTED
	EXISTING PANELBOARD - FLUSH MOUNTED
	TERMINAL CABINET
	SWITCHBOARD, DISTRIBUTION PANEL, OR MOTOR CONTROL CENTER
	EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, FUSED WITH FUSE SIZE TO MATCH EQUIPMENT NAMEPLATE.
	EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, NON-FUSIBLE
	EQUIPMENT MOTOR POWER CONNECTIONS PART OF ELECTRICAL WORK
	MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
	DRAWING SHEET NUMBERED NOTE DESIGNATION - APPLIES TO NUMBERED NOTE ON SAME SHEET
	DRAWING PLAN OR DETAIL DESIGNATION - "1" OR "A" DENOTES PLAN OR DETAIL NUMBER, "E-1" DENOTES SHEET NUMBER
	ELECTRICAL UNDERGROUND PULLBOX.

**SYMBOL LIST NOTES:**

- "ABC-#" INDICATES PANEL AND CIRCUIT NUMBER.
- MINIMUM CONDUCTOR SIZE FOR 120V BRANCH CIRCUITS SHALL BE #12 AWG. AT A MINIMUM ALL BRANCH CIRCUITS SHALL CONTAIN 3/4", #12 AWG AND #12 GND UNLESS OTHERWISE INDICATED.
- EXISTING ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE SHOWN THE SAME AS NEW, EXCEPT LIGHTLY AND ACCOMPANIED BY (E). SUCH ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE TO REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLAN OR SPECIFICATION.
- ELECTRICAL OUTLET BOXES MOUNTED ON OPPOSITE SIDES OF FIRE-RATED WALLS OR PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES PER CBC, WHETHER SHOWN ON THE PLANS OR NOT.
- VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACES PER CODE AND THAT THE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND EQUIPMENT FOREIGN TO THE PANEL BOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN THE EVENT THAT FOREIGN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS.
- WHERE CONDUIT STUB IS INDICATED, PROVIDE CONDUIT WITH BUSHING AT THE END OF CONDUIT AND PULL ROPE INTO ACCESSIBLE CEILING AREA.

**ELECTRICAL SHEET INDEX**

No. OF SHEETS	DRAWING No.	DRAWING DESCRIPTIONS
1	E001	COVER SHEET - ELECTRICAL
2	E100	SITE PLAN - ELECTRICAL
3	E101	SITE PLAN - EV CHARGERS AND ACCESS CONTROL PATHWAY
4	E201	DEMOLITION AND REMODEL REFLECTED CEILING PLAN: LIGHTING
5	E202	DEMOLITION AND REMODEL FLOOR PLAN: POWER AND SIGNAL
6	E203	DEMOLITION AND REMODEL FLOOR PLAN: FIRE ALARM
7	E400	FIRE ALARM NOTES, DETAILS, DIAGRAMS, OPERATION MATRIX
8	E500	ELECTRICAL DETAILS
9	E600	TITLE 24 - INDOOR LIGHTING COMPLIANCE FORMS

**ABBREVIATIONS**

A	AMPERES	LT	LIGHT
AC	ALTERNATING CURRENT	LV	LOW VOLTAGE
AFF	ABOVE FINISHED FLOOR	MAX.	MAXIMUM
A.I.C.	AMPERE INTERRUPTING CAPACITY	MDF	MAIN DISTRIBUTION FRAME
AMP	AMPERE	MFR.	MANUFACTURER
AWG	AMERICAN WIRE GAUGE	MIN.	MINIMUM
BKR	BREAKER	MTD.	MOUNTED
C.	CONDUIT	N	NEUTRAL
C.B.	CIRCUIT BREAKER	(N)	NEW
CD	CANDELA	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CKT	CIRCUIT	N.I.C.	NOT IN CONTRACT
C.O.	CONDUIT ONLY, WITH PULL WIRE	NL	NIGHT LIGHT
C.T.	CURRENT TRANSFORMER	NM	NON-METALLIC CABLE
DC	DIRECT CURRENT	PFB	PROVISIONS FOR FUTURE CIRCUIT BREAKER
(E)	EXISTING	PH	PHASE
EL	EVENING LIGHT	(R)	REMOVE
EM	EMERGENCY	(RE)	RELOCATE EXISTING
(ER)	EXISTING RELOCATED	RCPT	RECEPTACLE
EMT	ELECTRICAL METALLIC CONDUIT	S.M.S	SHEET METAL SCREW
(F)	FUTURE	SWBD	SWITCHBOARD
FACP	FIRE ALARM CONTROL PANEL	SYS	SYSTEM
FAPS	FIRE ALARM POWER SUPPLY	TV	TELEVISION
FATC	FIRE ALARM TERMINAL CABINET	TYP.	TYPICAL
GA.	GAUGE	UG	UNDERGROUND
GND	GROUND	UL	UNDERWRITERS LABORATORY
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UNO	UNLESS NOTED OTHERWISE
HP	HORSEPOWER	V	VOLT
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	VA	VOLT-AMPERES
HZ.	HERTZ (CYCLES/SEC)	W	WIRE, WATT
IsC	SHORT CIRCUIT AMPERES	WP	WEATHERPROOF
ISO	ISOLATED	WR	WEATHER RESISTANT AND WEATHERPROOF
K	THOUSAND	XFMR	TRANSFORMER
KV	KILO VOLT	Y	WYE
KVA	KILO VOLT AMPERE		
KW	KILO WATT		
KWH	KILO WATT HOUR		

**OUTLET ABBREVIATION LIST**

AF	AUTO FAUCET / AUTO FLUSH	HC	HEATING CABINETS
CD	CLOTHES DRYER <td>HD</td> <td>HAND DRYER </td>	HD	HAND DRYER
CL	COOLER <td>IM</td> <td>ICE MACHINE </td>	IM	ICE MACHINE
CM	COFFEE MAKER <td>MW</td> <td>MICROWAVE </td>	MW	MICROWAVE
CO	COPIER <td>O/R</td> <td>ELECTRIC OVEN/RANGE </td>	O/R	ELECTRIC OVEN/RANGE
DF	DRINKING FOUNTAIN <td>PTR</td> <td>PRINTER </td>	PTR	PRINTER
DW	DISHWASHER <td>REF</td> <td>REFRIGERATOR </td>	REF	REFRIGERATOR
EG	ELECTRIC GRILL <td>RH</td> <td>RANGE HOOD </td>	RH	RANGE HOOD
FRZ	FREEZER <td>VM</td> <td>VENDING MACHINE </td>	VM	VENDING MACHINE
GD	GARBAGE DISPOSAL <td>WM</td> <td>WASHING MACHINE </td>	WM	WASHING MACHINE

**DESIGN California WEST**  
 CALIFORNIA DESIGN WEST ARCHITECTS, Inc.  
 2100 19th Street  
 Sacramento, CA 95818  
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 PROJECT #: 2332.21  
 PROJECT MGR. SINISHA GLISIC

PROJECT NAME:  
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**  
 6254 13TH STREET  
 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

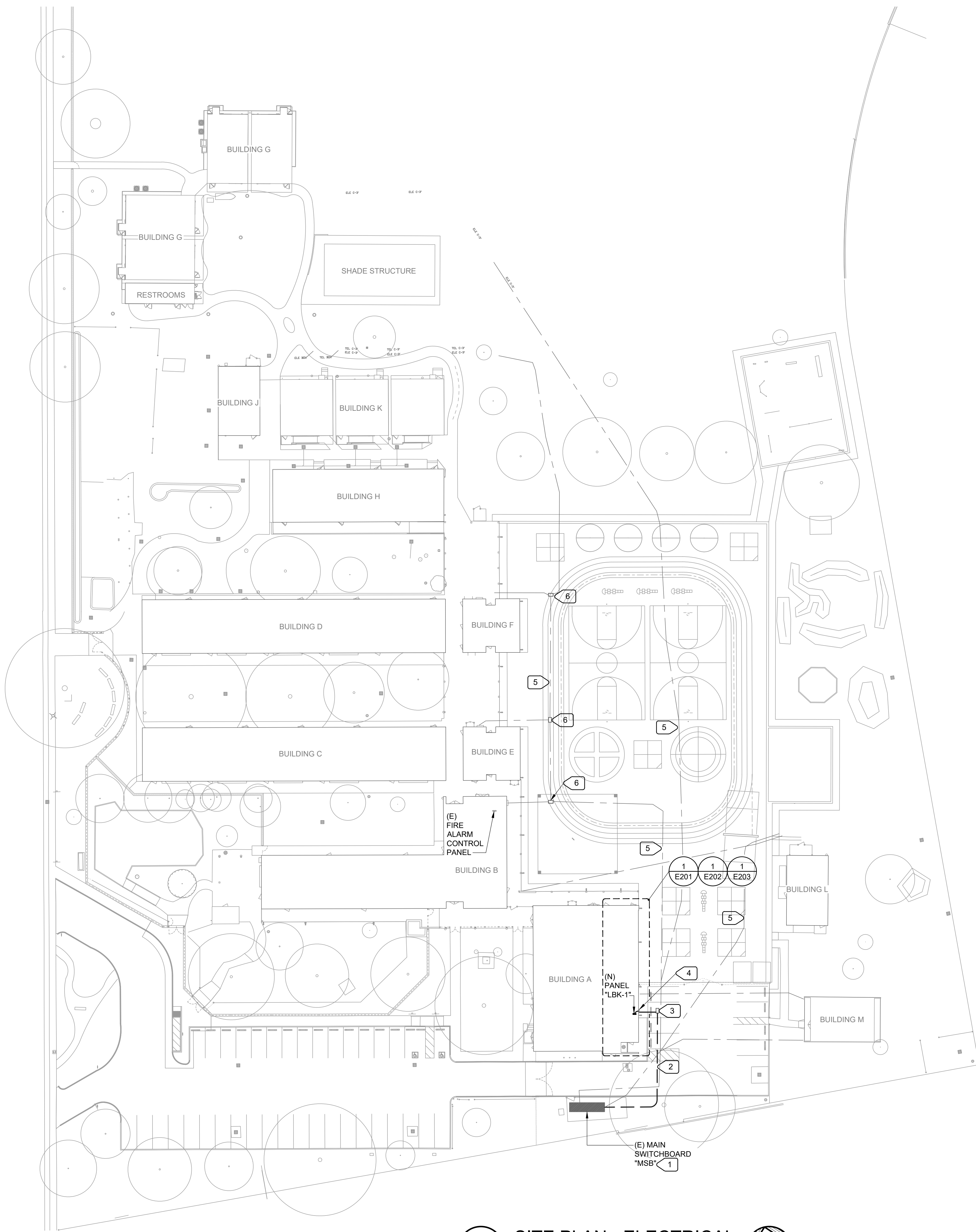
**SACRAMENTO CITY UNIFIED SCHOOL DISTRICT**

**SACRAMENTO COUNTY**

KEY PLAN:  
  
 SHEET TITLE:  
**COVER SHEET - ELECGRICAL**

JOB NUMBER: 23332.21	SHEET NUMBER: E001
DATE: DEC 22, 2023	
REVISION:	





1 SITE PLAN - ELECTRICAL  
 E100 SCALE: 1" = 30'-0"

**NUMBERED NOTES:**

- 1 REMOVE UNUSED FUSED DISCONNECT AND PROVIDE (N) 800/3 CIRCUIT BREAKER IN THAT SPACE.
- 2 RUN (2) (N) SETS OF 3-1/2" C-4#600MCM, 1#1/0G. COORDINATE EXACT ROUTE IN FIELD. ELECTRICAL CONTRACTOR SHALL USA AND GPR ARE OF (N) CONDUIT ROUTE - THERE IS A NUMBER OF EXISTING CONDUITS IN THIS AREA.
- 3 (N) CONDUITS SHOULD ENTER (E) PULLBOX.
- 4 RUN (N) CONDUITS UP WALL TO (E) PULLBOX ON WALL. FROM THAT PULLBOX RUN CONDUITS THROUGH WALL TO (N) PANEL "LBK-1". PAINT (N) CONDUITS TO MATCH SURFACE TO WHICH THEY ARE ATTACHED.
- 5 (E) ELECTRICAL U.G. CONDUITS. PROTECT DURING EXCAVATION FOR LIME TREATMENT - SEE CIVIL PLAN C3.1. IF (E) CONDUITS ARE DAMAGED DURING WORK CONTRACTOR SHALL REPLACE DAMAGED WITH (N) - MATCH (E). SEE CIVIL SHEET C3.1 - SHALLOW DRY UTILITY NOTE FOR PROTECTION OF (E) CONDUITS IF WITHIN 18" OF FINISHED SURFACE.
- 6 PROTECT (E) ELECTRICAL PULLBOX. ADJUST TO BE FLUSH WITH NEW SURFACE.

**\*\* UNDERGROUND DIGGING CAUTION \*\***

USE EXTREME CAUTION WHEN DIGGING TO AVOID BURIED UTILITY CABLES, CONDUITS, AND PIPING. CALL "UNDERGROUND SERVICE ALERT" (U.S.A.);

**811 or 1-800-642-2444**

TWO WORKING DAYS BEFORE DIGGING TO VERIFY UNDERGROUND UTILITIES.

**GROUND PENETRATION RADAR (GPR)**

AREA CONTAINS EXISTING POWER AND SINGLE CONDUITS/CONDUCTORS AND THE LOCATIONS ARE UNKNOWN. THE CONTRACTOR SHALL USE GROUND PENETRATING RADAR (GPR) TO IDENTIFY UNDERGROUND INFRASTRUCTURE (CONDUITS AND PIPES) AND HAND DIG AROUND EXISTING UNDERGROUND INFRASTRUCTURE (CONDUITS AND PIPES).



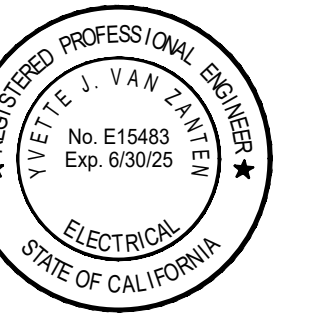
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 PROJECT #: 2332.21  
 PROJECT MGR: SINISHA GLISIC

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 SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

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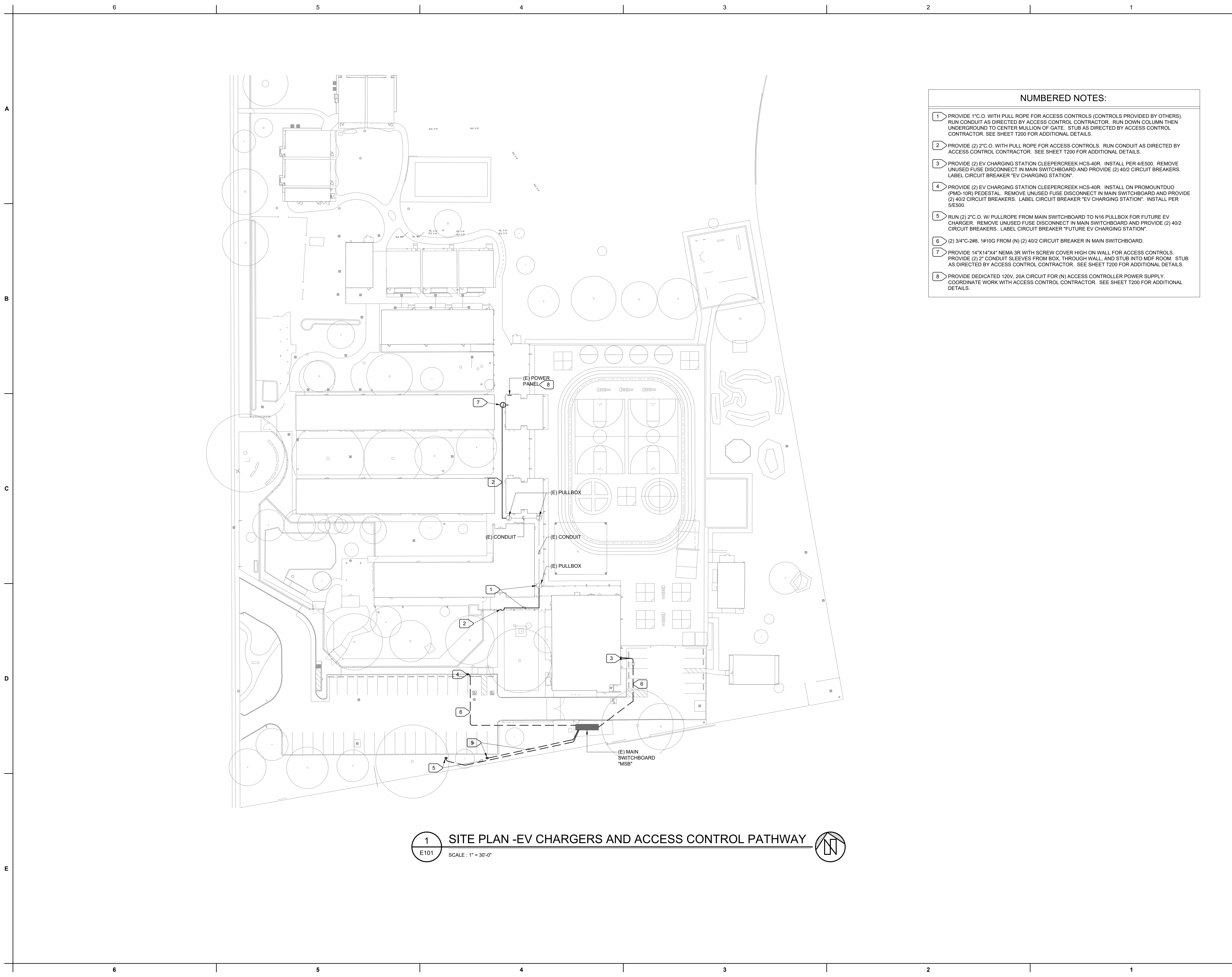
KEY PLAN:

↑

SHEET TITLE:  
**OVERALL SITE PLAN**

JOB NUMBER: 23332.21	SHEET NUMBER: <b>E100</b>
DATE: DEC 22, 2023	
REVISION:	



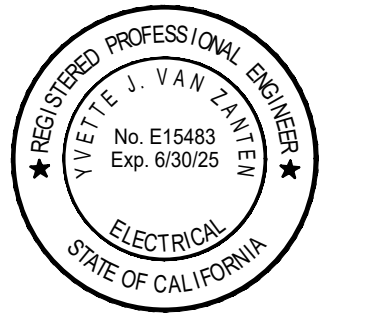



- NUMBERED NOTES:**
- 1 PROVIDE 1" C.O. WITH PULL ROPE FOR ACCESS CONTROLS (CONTROLS PROVIDED BY OTHERS). RUN CONDUIT AS DIRECTED BY ACCESS CONTROL CONTRACTOR. RUN DOWN COLUMN THEN UNDERGROUND TO CENTER MULLION OF GATE. STUB AS DIRECTED BY ACCESS CONTROL CONTRACTOR. SEE SHEET T200 FOR ADDITIONAL DETAILS.
  - 2 PROVIDE (2) 2" C.O. WITH PULL ROPE FOR ACCESS CONTROLS. RUN CONDUIT AS DIRECTED BY ACCESS CONTROL CONTRACTOR. SEE SHEET T200 FOR ADDITIONAL DETAILS.
  - 3 PROVIDE (2) EV CHARGING STATION CLEEPCREEK HCS-40R. INSTALL PER 4/E500. REMOVE UNUSED FUSE DISCONNECT IN MAIN SWITCHBOARD AND PROVIDE (2) 40/2 CIRCUIT BREAKERS. LABEL CIRCUIT BREAKER "EV CHARGING STATION".
  - 4 PROVIDE (2) EV CHARGING STATION CLEEPCREEK HCS-40R. INSTALL ON PROMOUNTDUO (PMD-10R) PEDESTAL. REMOVE UNUSED FUSE DISCONNECT IN MAIN SWITCHBOARD AND PROVIDE (2) 40/2 CIRCUIT BREAKERS. LABEL CIRCUIT BREAKER "EV CHARGING STATION". INSTALL PER 5/E500.
  - 5 RUN (2) 2" C.O. W/ PULLROPE FROM MAIN SWITCHBOARD TO N16 PULLBOX FOR FUTURE EV CHARGER. REMOVE UNUSED FUSE DISCONNECT IN MAIN SWITCHBOARD AND PROVIDE (2) 40/2 CIRCUIT BREAKERS. LABEL CIRCUIT BREAKER "FUTURE EV CHARGING STATION".
  - 6 (2) 3/4" C-288, 1#10G FROM (N) (2) 40/2 CIRCUIT BREAKER IN MAIN SWITCHBOARD.
  - 7 PROVIDE 14"x14"x4" NEMA 3R WITH SCREW COVER HIGH ON WALL FOR ACCESS CONTROLS. PROVIDE (2) 2" CONDUIT SLEEVES FROM BOX, THROUGH WALL, AND STUB INTO MDF ROOM. STUB AS DIRECTED BY ACCESS CONTROL CONTRACTOR. SEE SHEET T200 FOR ADDITIONAL DETAILS.
  - 8 PROVIDE DEDICATED 120V, 20A CIRCUIT FOR (N) ACCESS CONTROLLER POWER SUPPLY. COORDINATE WORK WITH ACCESS CONTROL CONTRACTOR. SEE SHEET T200 FOR ADDITIONAL DETAILS.

**1 SITE PLAN -EV CHARGERS AND ACCESS CONTROL PATHWAY**  
 E101 SCALE: 1" = 30'-0"

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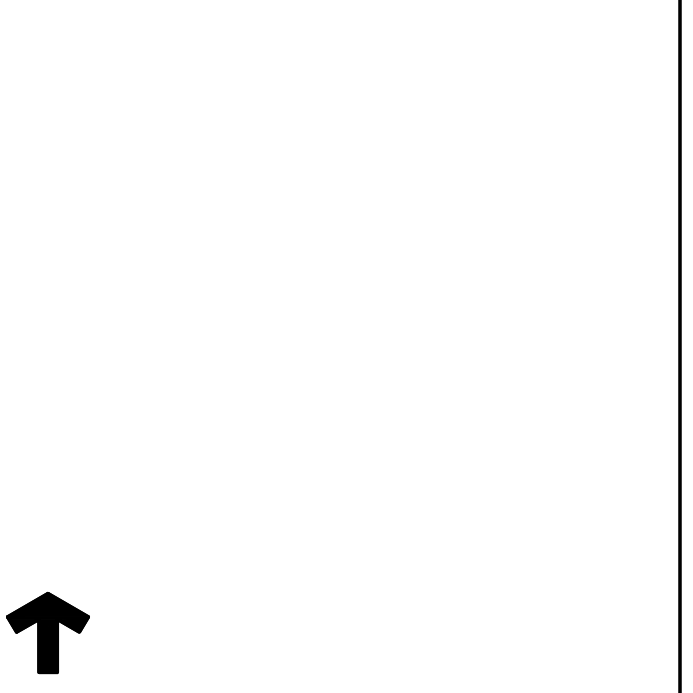


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 PROJECT #: 2332.21  
 PROJECT MGR: SINISHA GLISIC

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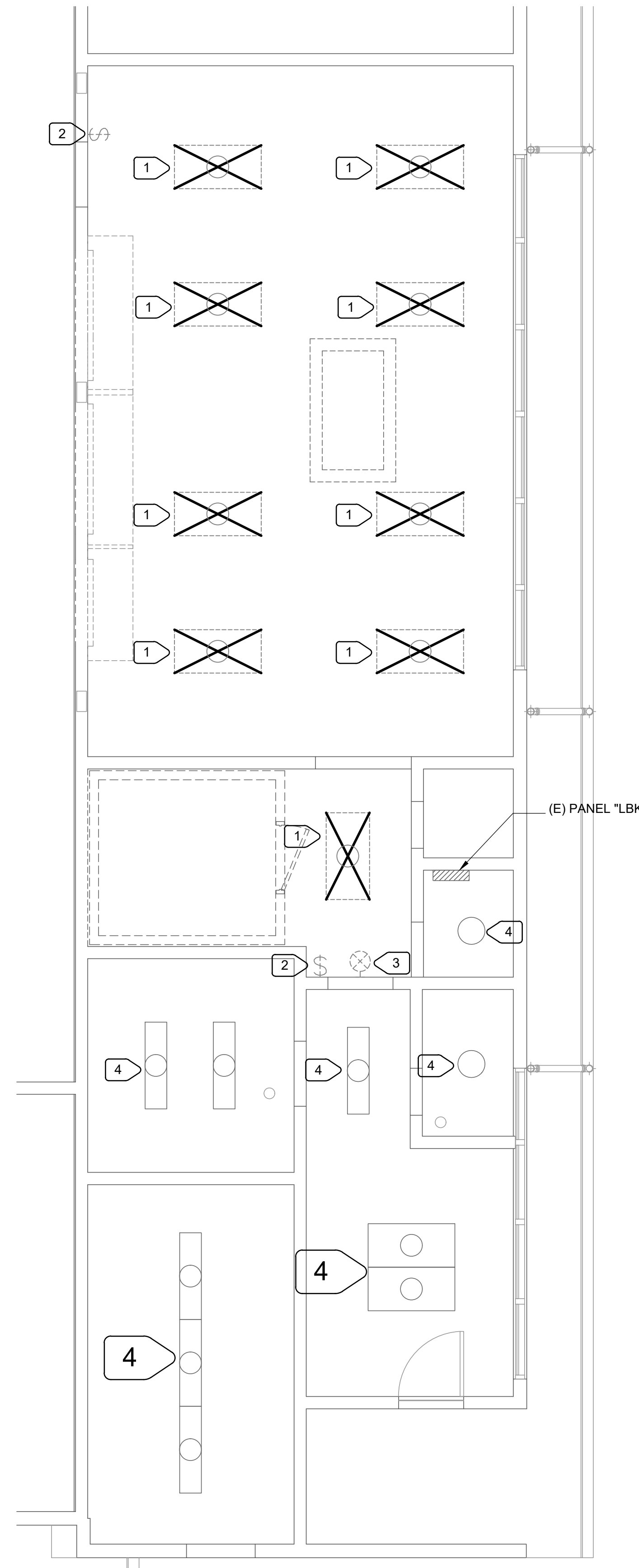
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KEY PLAN:  


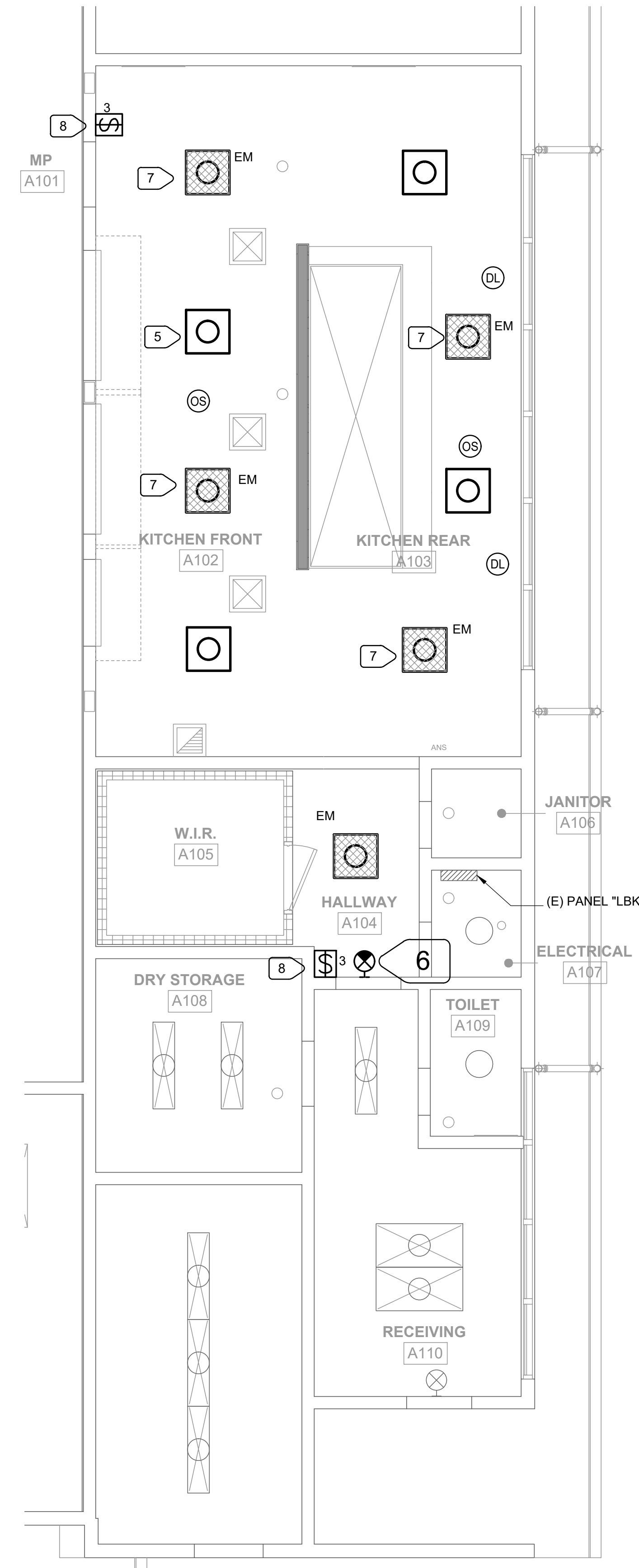
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 SHEET TITLE:  
**SITE PLAN -EV  
 CHARGERS AND  
 ACCESS CONTROL  
 PATHWAY**

JOB NUMBER: 23332.21	SHEET NUMBER: <b>E101</b>
DATE: DEC 22, 2023	
REVISION:	



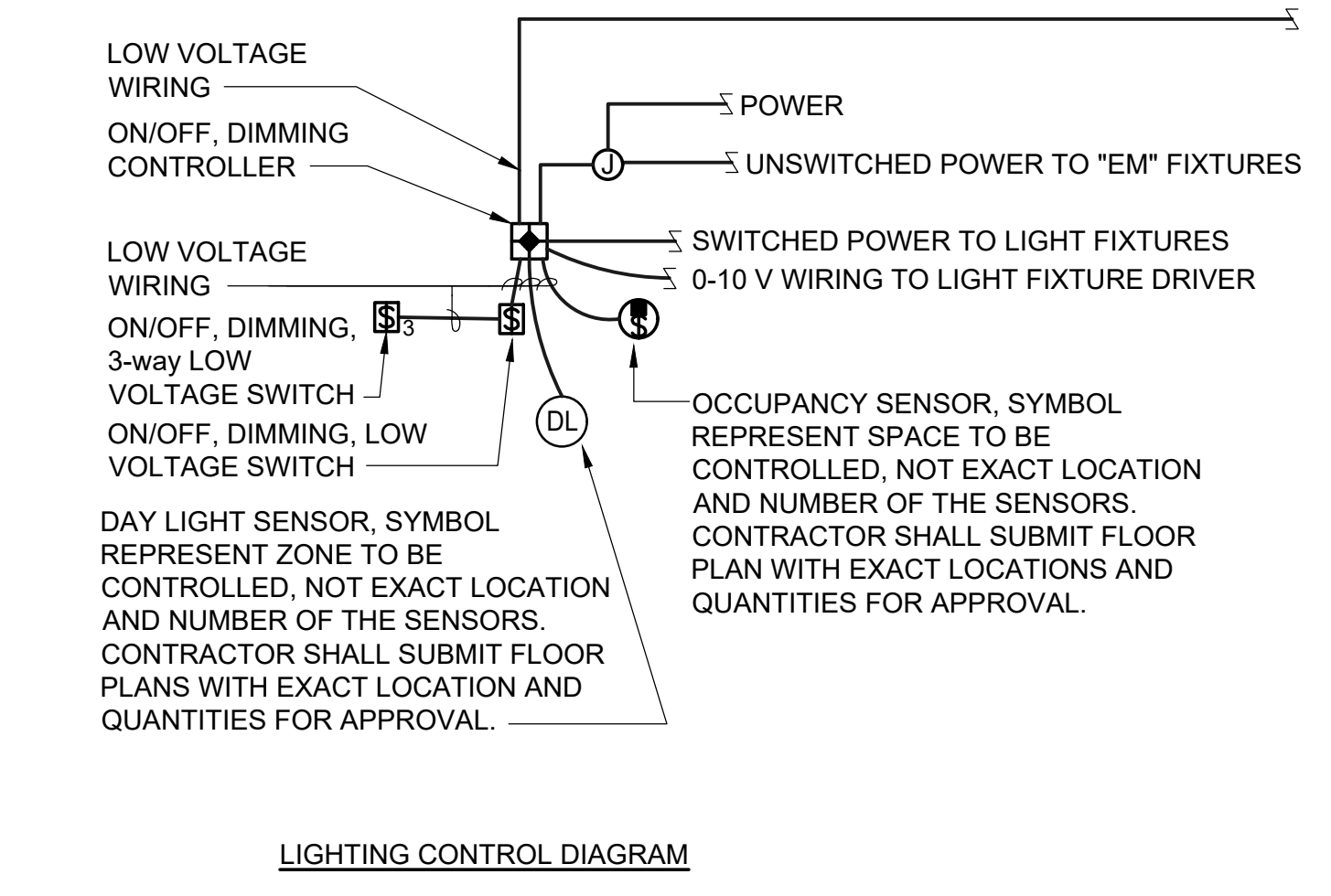


**1** DEMOLITION FLOOR PLAN - LIGHTING  
E202 SCALE: 1/4" = 1'-0"



**2** REMODEL FLOOR PLAN - LIGHTING  
E202 SCALE: 1/4" = 1'-0"

- NUMBERED NOTES:**
- 1 DISCONNECT AND REMOVE (E) LIGHT FIXTURE. PROTECT WIRING FOR REUSE.
  - 2 DISCONNECT AND REMOVE (E) SWITCH. REMOVE WIRING BACK TO SOURCE. PROTECT BACKBOX AND SWITCHLEG CONDUIT FOR REUSE.
  - 3 DISCONNECT AND REMOVE (E) EXIT LIGHT. REMOVE WIRING TO SOURCE.
  - 4 PROTECT (E) LIGHT AND LIGHTING CIRCUIT.
  - 5 PROVIDE PARAMOUNT #PMS09-2-SG-UNV-35K-CR190-93L-PZ-L8-LD. PROVIDE WITH BATTERY BACKUP OPTION IN "EM" LIGHT. CONNECT TO (E) LIGHTING CIRCUIT. SEE DEMOLITION. ADJUST (E) LIGHTING CIRCUIT TO CONNECT TO (N) LIGHT FIXTURES AND CONTROLS. TYPICAL FOR (N) LIGHT FIXTURES.
  - 6 PROVIDE EMERGLITE PRESTIGE EXIT LIGHT #AA-DXN-1-G. CONNECT TO UNSWITCHED "HOT".
  - 7 CONNECT "EM" LIGHT TO SWITCH WITH OTHER LIGHTS IN ROOM IN PRESENCE OF GRID POWER, AND TO TURN ON DURING BLACKOUTS. PROVIDE UNSWITCHED "HOT" FOR INTEGRAL BATTERY BACKUP.
  - 8 SEE LIGHTING DIAGRAM SWITCHING FOR ADDITIONAL EQUIPMENT, CONNECTIONS, AND SWITCHING.



LIGHTING CONTROL DIAGRAM

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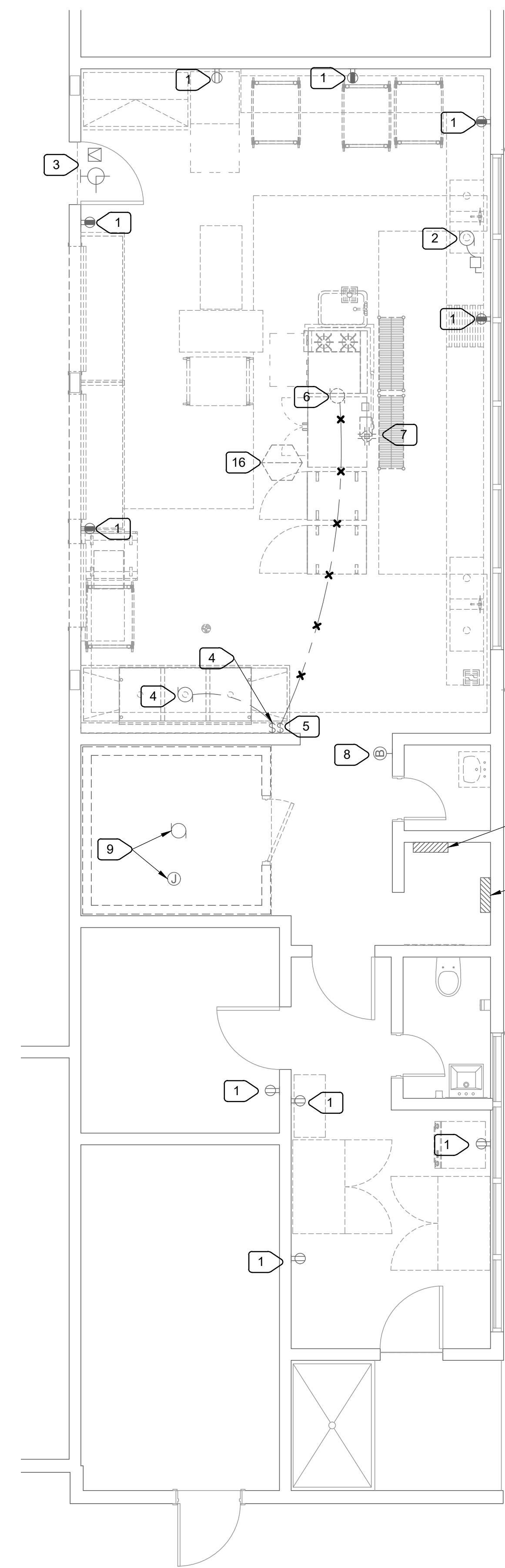
KEY PLAN:

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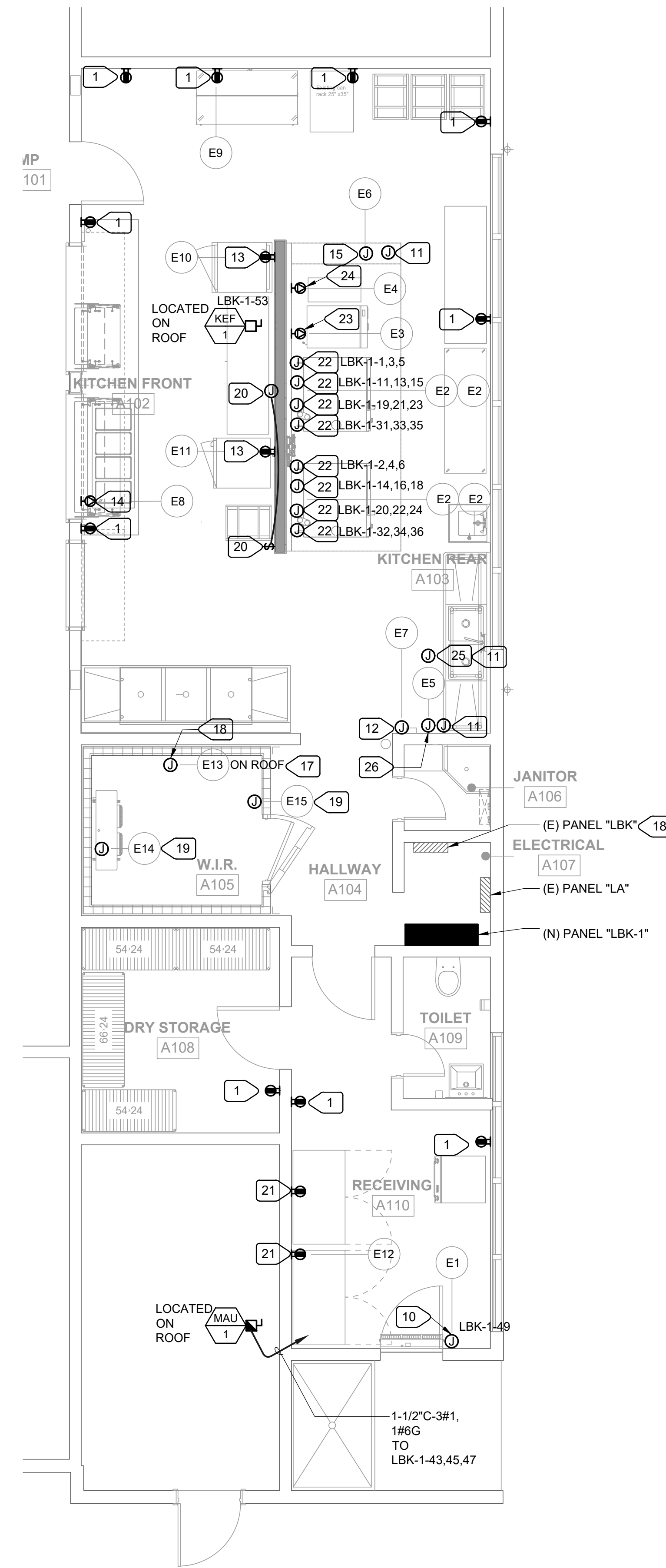
SHEET TITLE:  
**DEMOLITION AND REMODEL REFLECTED CEILING PLAN: LIGHTING**

JOB NUMBER: 23332.21	SHEET NUMBER:
DATE: DEC 22, 2023	<b>E201</b>
REVISION:	





**1**  
DEMOLITION FLOOR  
PLAN - POWER AND SIGNAL  
E202  
SCALE: 1/4" = 1'-0"



**2**  
REMODEL FLOOR  
PLAN - POWER AND SIGNAL  
E202  
SCALE: 1/4" = 1'-0"

ELEC. NO.	DESCRIPTION	QTY.	VOLT.	PH	DIRECT	PLUG	NEMA	LOAD AMPS DRAW	OUTLET HEIGHT
E1	AIR CURTAIN, UNHEATED	1EA.	120	1	X	-	-	3.4	+86"
E2	COMBI OVEN, ELECTRIC	4EA.	208	3	X	-	-	70	+48" +24"
E3	ELECTRIC GRIDDLE	1EA.	208	3	-	X	15-50P	27	+24"
E4	INDUCTION COOK TOP	1EA.	240	1	-	X	6-50P	32	+48"
E5	EXHAUST HOOD CONTROL POWER AND ROOM TEMPERATURE PANEL AND SENSOR	1EA.	120	1	X	-	-	20	+48"
E6	EXHAUST HOOD FIRE SYSTEM CONTROL POWER	1EA.	120	1	X	-	-	20	+104"
E7	FIRE SYSTEM (REMOTE PULL STATION)	1EA.	-	-	X	-	-	-	+48"
E8	DROP-IN HOT WELLS	1EA.	208	1	-	X	6-20P	9.6	+18"
E9	MILK COOLER EXISTING RELOCATED	1EA.	-	-	-	-	-	-	+18"
E10	MOBILE HOLDING CABINET	1EA.	120	1	-	X	5-20P	16	+48"
E11	MOBILE HOLDING CABINET	1EA.	120	1	-	X	5-15P	12	+48"
E12	FREEZER, REACH IN EXISTING RELOCATED	1EA.	-	-	-	-	-	-	+86"
E13	REMOTE REFRIGERATION LOCATED ON ROOF	1EA.	208	3	X	-	-	8	+8"
E14	WALK-IN REFRIGERATOR (COIL)	1EA.	120	1	X	-	-	1.8	+74"
E15	WALK-IN REFRIGERATOR (BOX)	1EA.	120	1	X	-	-	4.0	+88"

**NUMBERED NOTES:**

- 1 REMOVE (E) RECEPTACLE AND REPLACE W/ (N) GFCI.
- 2 DISCONNECT GARBAGE DISPOSAL. REMOVE WIRING BACK TO SOURCE.
- 3 PROTECT CLOCK/SPEAKER IN PLACE.
- 4 PROTECT GARBAGE DISPOSAL. PROTECT ASSOCIATED SWITCH.
- 5 REMOVE SWITCH FOR OVEN HOOD. PROVIDE BLANK PLATE (GARBAGE DISPOSER SWITCH AND OVEN HOOD SWITCH ARE HOUSED IN SAME ENCLOSURE).
- 6 DISCONNECT POWER TO OVEN HOOD AND REMOVE WIRING BACK TO SOURCE.
- 7 REMOVE RECEPTACLE MOUNTED ON HOOD. REMOVE WIRING BACK TO SOURCE.
- 8 PROTECT BELL AND ASSOCIATED WIRING.
- 9 DISCONNECT POWER TO COMPRESSOR OR (E) WALK IN REFRIGERATOR. REMOVE WIRING BACK TO PANEL 'LBK', BUT PROTECT CONDUITS FOR REUSE.
- 10 FOR AIR CURTAIN. CONNECT POWER VIA DOOR SWITCH. COORDINATE WITH KITCHEN EQ. INSTALLER.
- 11 SEE 4/E400 FOR CONNECTIONS.
- 12 EMPTY FLUSH MTD. OCTAGONAL BOX FOR FIRE SUPPRESSION PULL STATION PROVIDED BY OTHERS. PROVIDE 3/4" CONDUIT TO ABOVE CEILING SPACE. COORDINATE WITH KITCHEN EQ. INSTALLER.
- 13 PROVIDE 20/1 CIRCUIT BREAKER IN (E) SPACES OF PANEL "LBK" AND CONNECT THIS RECEPTACLE TO THAT CIRCUIT BREAKER.
- 14 PROVIDE 20/2 CIRCUIT BREAKER IN (E) SPACES OF PANEL "LBK" AND CONNECT THIS RECEPTACLE TO THAT CIRCUIT BREAKER.
- 15 PROVIDE 20/1 CIRCUIT BREAKER IN (E) SPACES OF PANEL "A" AND CONNECT POWER FOR FIRE SUPPRESSION SYSTEM TO THAT CIRCUIT BREAKER. CIRCUIT BREAKER SHALL HAVE RED HANDLE AND SHALL HAVE LOCKING DEVICE.
- 16 DISCONNECT KITCHEN HOOD EXHAUST FAN (ON ROOF). REMOVE WIRING BACK TO SOURCE.
- 17 CONNECT POWER TO DISCONNECT PROVIDED WITH (N) UNIT.
- 18 REPLACE (E) 15/3 CIRCUIT BREAKER WITH (N) 20/3 CIRCUIT BREAKER AND CONNECT (N) REFRIGERATOR COMPRESSOR TO THAT CIRCUIT BEAKER. RUN 3/12, 1#12G THROUGH (E) CONDUIT. ADJUST (E) CONDUIT AS REQUIRED TO CONNECT (N) COMPRESSOR.
- 19 CONNECT (N) COIL AND BOX TO (E) 20/1 CIRCUIT BREAKER IN (E) PANEL "LBK" USED FOR REMOVED COIL - SEE NOTE 9. RUN 2#12, 1#12G THROUGH (E) CONDUIT. ADJUST (E) CONDUIT AS REQUIRED TO CONNECT (N) COIL AND BOX.
- 20 PROVIDE (N) 20/1 CIRCUIT BREAKER IN (E) PANEL "LBK". BRING 2#12, 1#12G TO J-BOX VIA SWITCH. INSTALL J-BOX AT 86"-88" A.F.F. CENTERED ON (N) WALL. POWER PROVIDED FOR FUTURE CUSTOM SIGNAGE. UPDATE PANEL DIRECTORY. ENGRAVE SWITCH PLATE TO READ "SIGNAGE".
- 21 PROVIDE (N) 20/1 CIRCUIT BREAKER IN (E) PANEL "LBK" AND CONNECT THIS RECEPTACLE ON ONE CIRCUIT.
- 22 1-1/2"C-3#2, 1#6G TO (N) PANEL "LBK-1".
- 23 1"C-3#8, 1#10G TO LBK-1-37,39,41.
- 24 1"C-2#8, 1#10G TO LBK-1-38,40.
- 25 AMBIENT RESISTANCE TEMPERATURE DETECTOR. SEE FOOD SERVICE DRAWINGS.
- 26 DEMANDAIRE CONTROL PANEL. PROVIDE 20/1 CIRCUIT BREAKER IN (E) SPACES OF PANEL "A" AND CONNECT POWER FOR PANEL TO THAT CIRCUIT BREAKER. CIRCUIT BREAKER SHALL HAVE RED HANDLE AND SHALL HAVE LOCKING DEVICE.

NEW PANEL "LBK-1" SCHEDULE									
POWER SOURCE: PANEL "LA"					LOCATION: SEE PLANS				
SYSTEM: NORMAL BRANCH									
TYPE	BUS: 800 AMPS	MAIN BKR: 800A	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING: SURFACE		REMARKS:	
LOAD SERVED	KVA	CB	CKT	PHASE	CKT	CB	KVA	LOAD SERVED	
COMBI OVEN [2]	8.1	90/3	1	A	2	90/3	8.1	COMBI OVEN [2]	
SHUNT TRIP	8.1		3	B	4		8.1		
SHUNT TRIP POWER	8.1		5	C	6		8.1		
SHUNT TRIP		20/1	7	A	8	20/1		SHUNT TRIP	
SHUNT TRIP			9	B	10			SHUNT TRIP	
COMBI OVEN [2]	8.1	90/3	11	C	12	90/3	8.1	COMBI OVEN [2]	
SHUNT TRIP	8.1		13	A	14		8.1		
SHUNT TRIP	8.1		15	B	16		8.1		
COMBI OVEN [2]	8.1	90/3	17	C	18	90/3	8.1	COMBI OVEN [2]	
SHUNT TRIP	8.1		19	A	20		8.1		
SHUNT TRIP	8.1		21	B	22		8.1		
COMBI OVEN [2]	8.1	90/3	23	C	24	90/3	8.1	COMBI OVEN [2]	
SHUNT TRIP			25	A	26			SHUNT TRIP	
SHUNT TRIP			27	B	28	20/1		SPARE GFCI [1]	
SHUNT TRIP			29	C	30			SHUNT TRIP	
COMBI OVEN [2]	8.1	90/3	31	A	32	90/3	8.1	COMBI OVEN [2]	
SHUNT TRIP	8.1		33	B	34		8.1		
SHUNT TRIP	8.1		35	C	36		8.1		
ELECTRICAL GRIDDLE [2]	3.2	35/3	37	A	38	40/2	3.84	INDUCTION COOK TOP [2]	
SHUNT TRIP	3.2		39	B	40		3.84		
SHUNT TRIP	3.2		41	C	42			SHUNT TRIP	
MAU-1	12.5	110/3	43	A	44				
SHUNT TRIP	12.5		45	B	46				
SHUNT TRIP	12.5		47	C	48				
AIR CURTAIN	0.5	20/1	49	A	50	PFB		SPACE	
SPARE GFCI [1]		20/1	51	B	52	PFB		SPACE	
KEF-1	1.1	20/1	53	C	54	PFB		SPACE	

NOTES:  
 [1] GFCI BREAKER  
 [2] SHUNT TRIP BREAKER

CONNECTED LOAD  
 PHASE A= 84.8 KVA  
 PHASE B= 84.3 KVA  
 PHASE C= 81.6 KVA  
 TOTAL = 250.8 KVA  
 TOTAL = 696.6 Amperes

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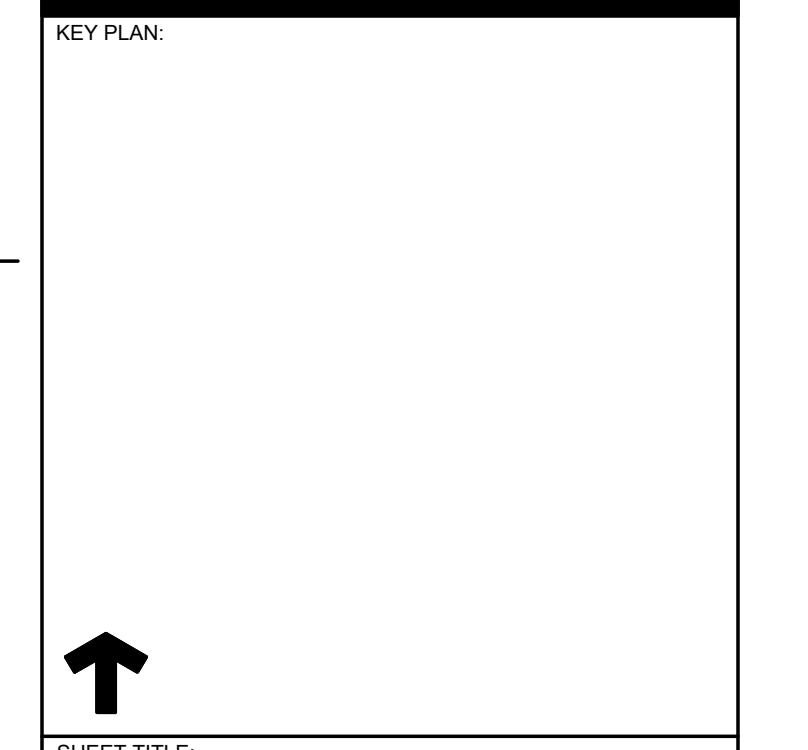


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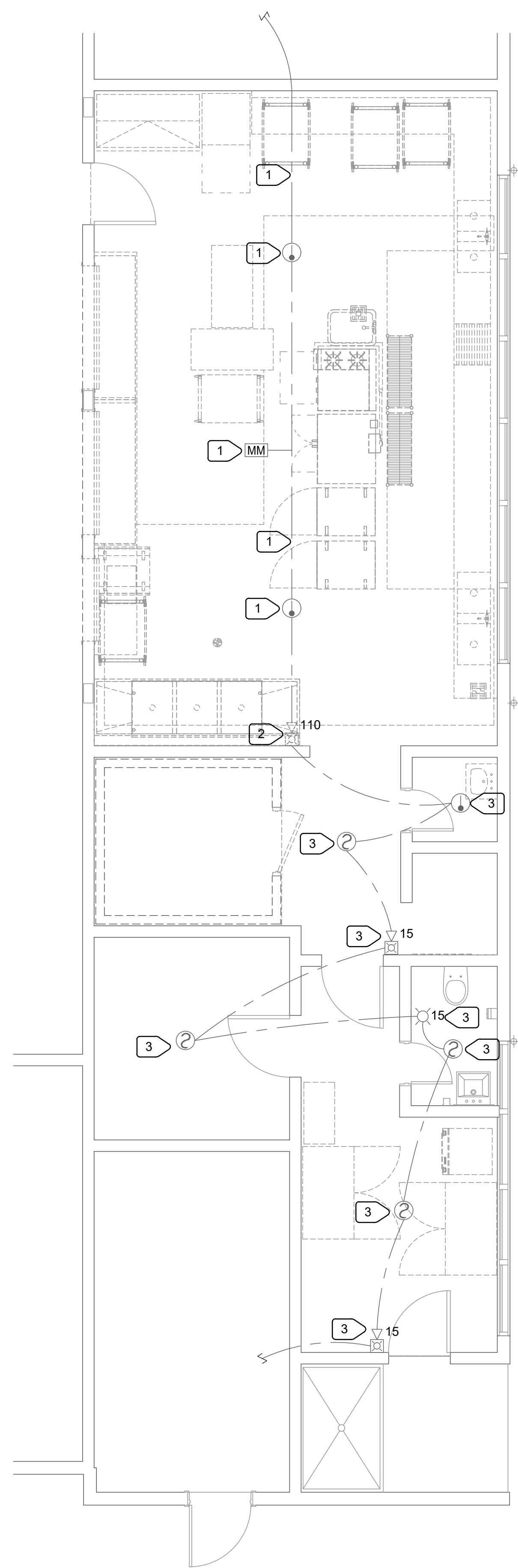
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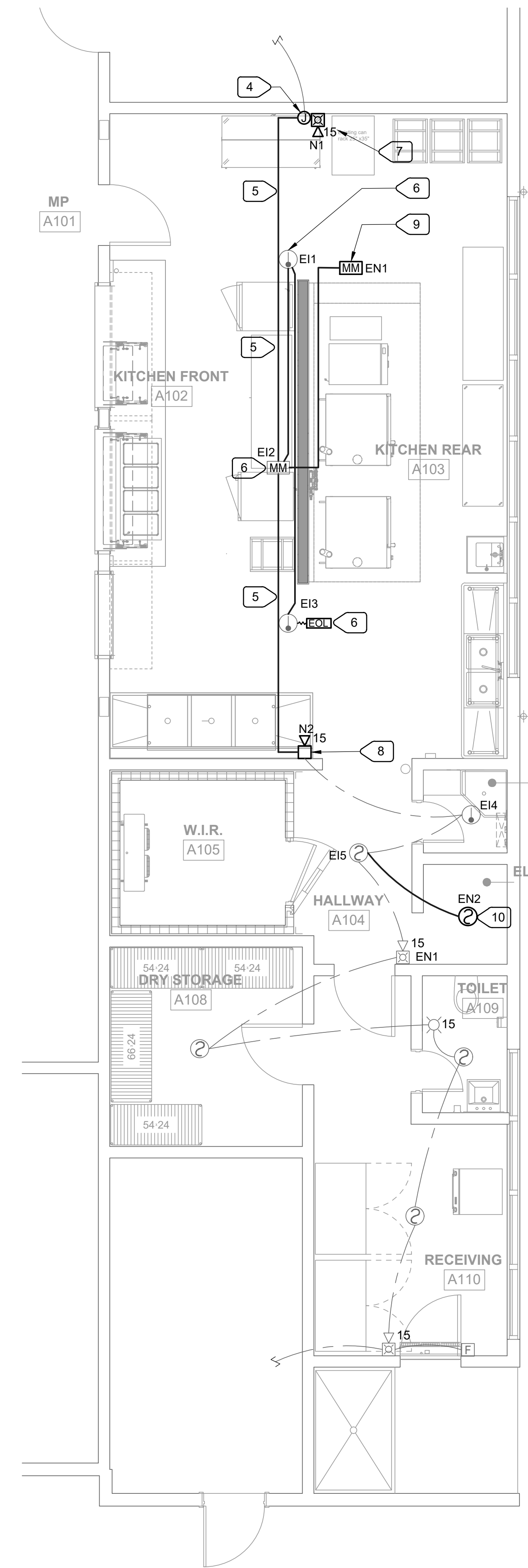
**DEMOLITION AND REMODEL FLOOR PLAN: POWER AND SIGNAL**

JOB NUMBER: 23332.21	SHEET NUMBER: <b>E202</b>
DATE: DEC 22, 2023	
REVISION:	





**1** DEMOLITION FLOOR PLAN - FIRE ALARM  
 E203 SCALE: 1/4" = 1'-0"



**2** REMODEL FLOOR PLAN - FIRE ALARM  
 E203 SCALE: 1/4" = 1'-0"

- NUMBERED NOTES:**
- 1 CAREFULLY DISCONNECT (E) HEAT DETECTOR, MONITOR MODULE AND SURFACE RACEWAY. STORE FOR REUSE. PROTECT (E) INITIATION AND NOTIFICATION CIRCUIT FOR REUSE.
  - 2 REMOVE (E) 110Vd STROBE/HORN. PROTECT (E) NOTIFICATION CIRCUIT. PROTECT (E) VERTICAL SURFACE RACEWAY.
  - 3 PROTECT (E) DEVICE AND ASSOCIATED FIRE ALARM CIRCUIT.
  - 4 INTERCEPT (E) INITIATION AND NOTIFICATION CIRCUIT. PROVIDE ACCESSIBLE J-BOX TO SPLICE (N) WIRING.
  - 5 PROVIDE (N) SURFACE RACEWAY TO MATCH (E).
  - 6 REINSTALL (E) HEAT DETECTOR, MONITOR MODULE. PROVIDE (N) WIRING PER FIRE ALARM RISER DIAGRAM.
  - 7 (N) NOTIFICATION DEVICE. SEE FIRE ALARM RISER DIAGRAM.
  - 8 (N) NOTIFICATION DEVICE IN LOCATION OF REMOVED. SEE FIRE ALARM RISER DIAGRAM.
  - 9 PROVIDE FOR HOOD FIRE SUPPRESSION SYSTEM. SEE 4/E400.
  - 10 (N) SMOKE DETECTOR. SEE FIRE ALARM RISER DIAGRAM.

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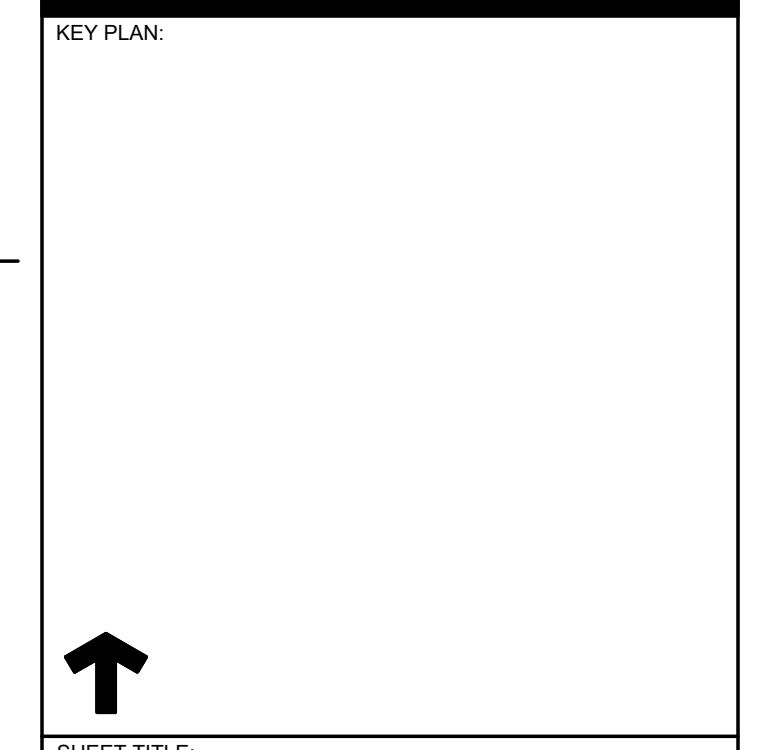
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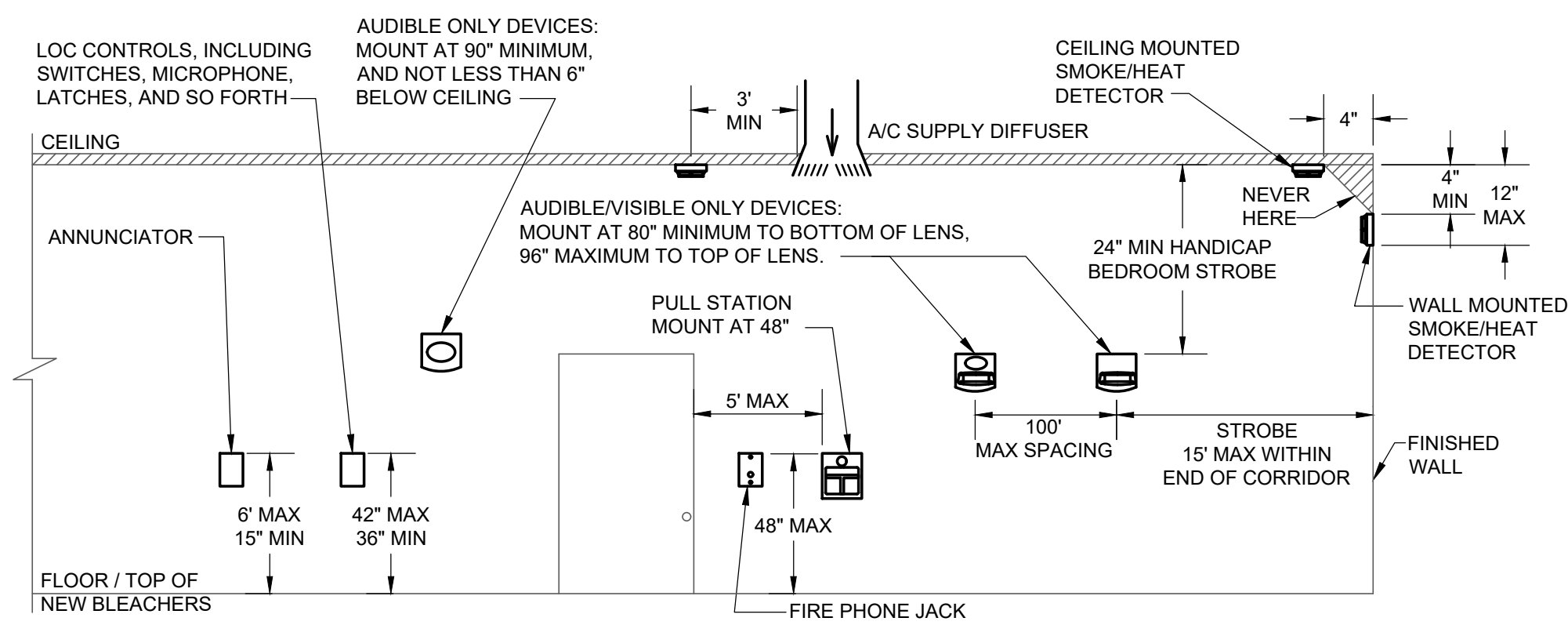
KEY PLAN

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SHEET TITLE:  
**DEMOLITION AND REMODEL FLOOR PLAN: FIRE ALARM**

JOB NUMBER: 23332.21	SHEET NUMBER: <b>E203</b>
DATE: DEC 22, 2023	
REVISION:	

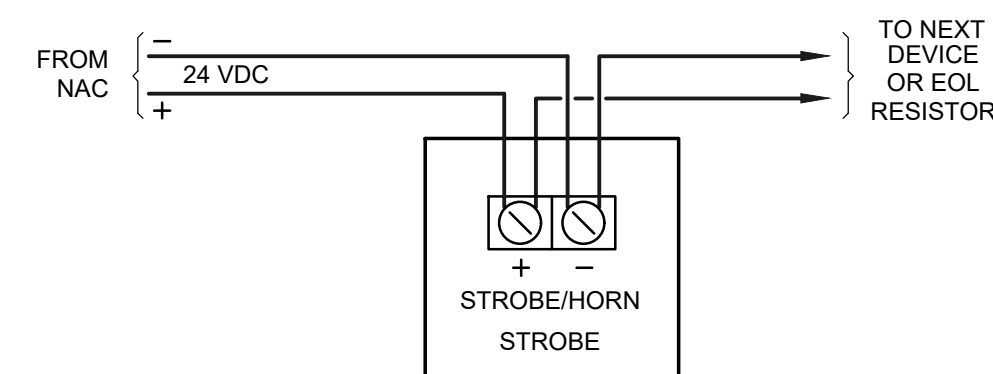




**TYPICAL INITIATION AND NOTIFICATION**

**1 APPLIANCE ELEVATION DETAIL**

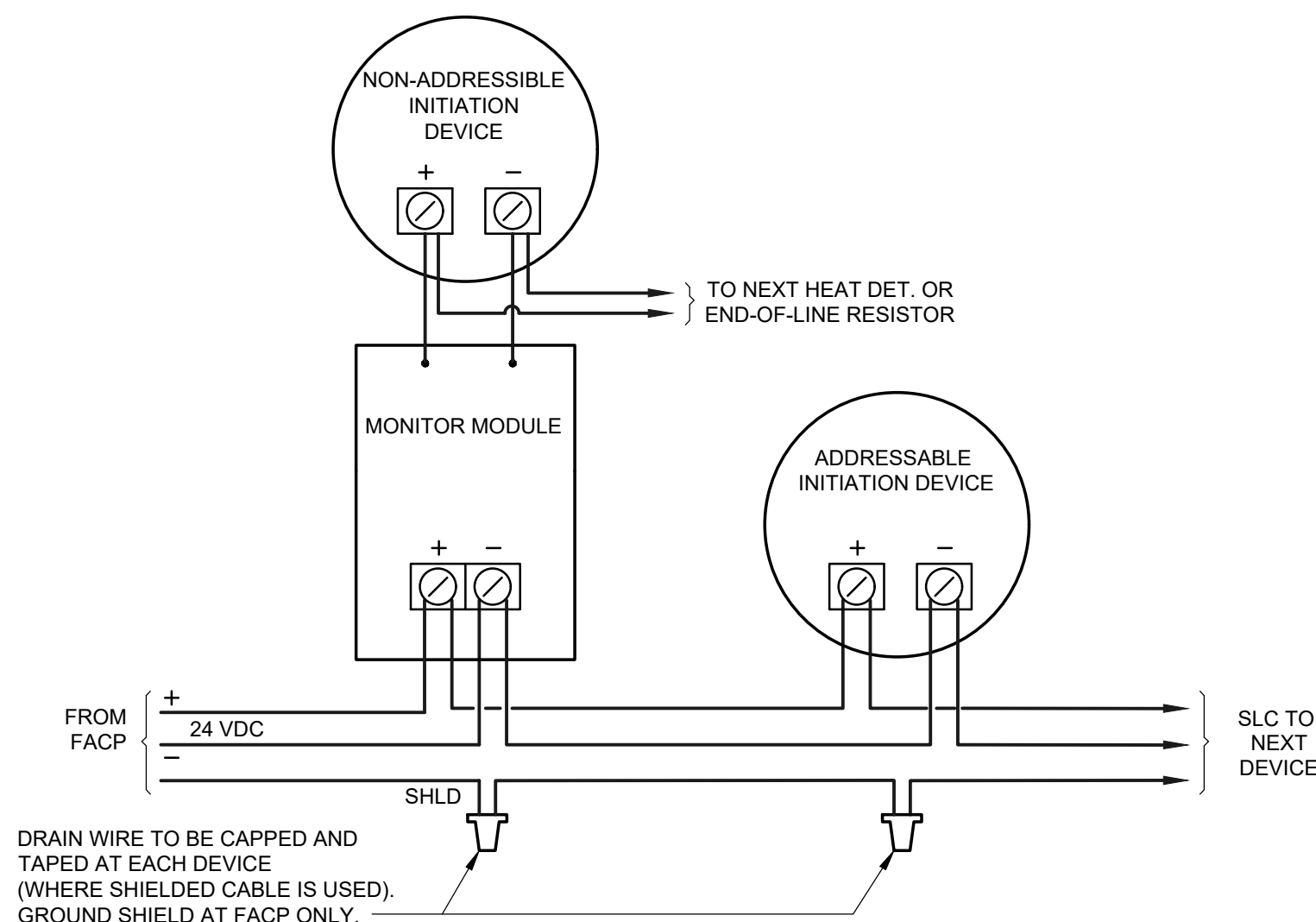
E400 NO SCALE



**NOTIFICATION DEVICES**

**2 POINT TO POINT WIRING DIAGRAM**

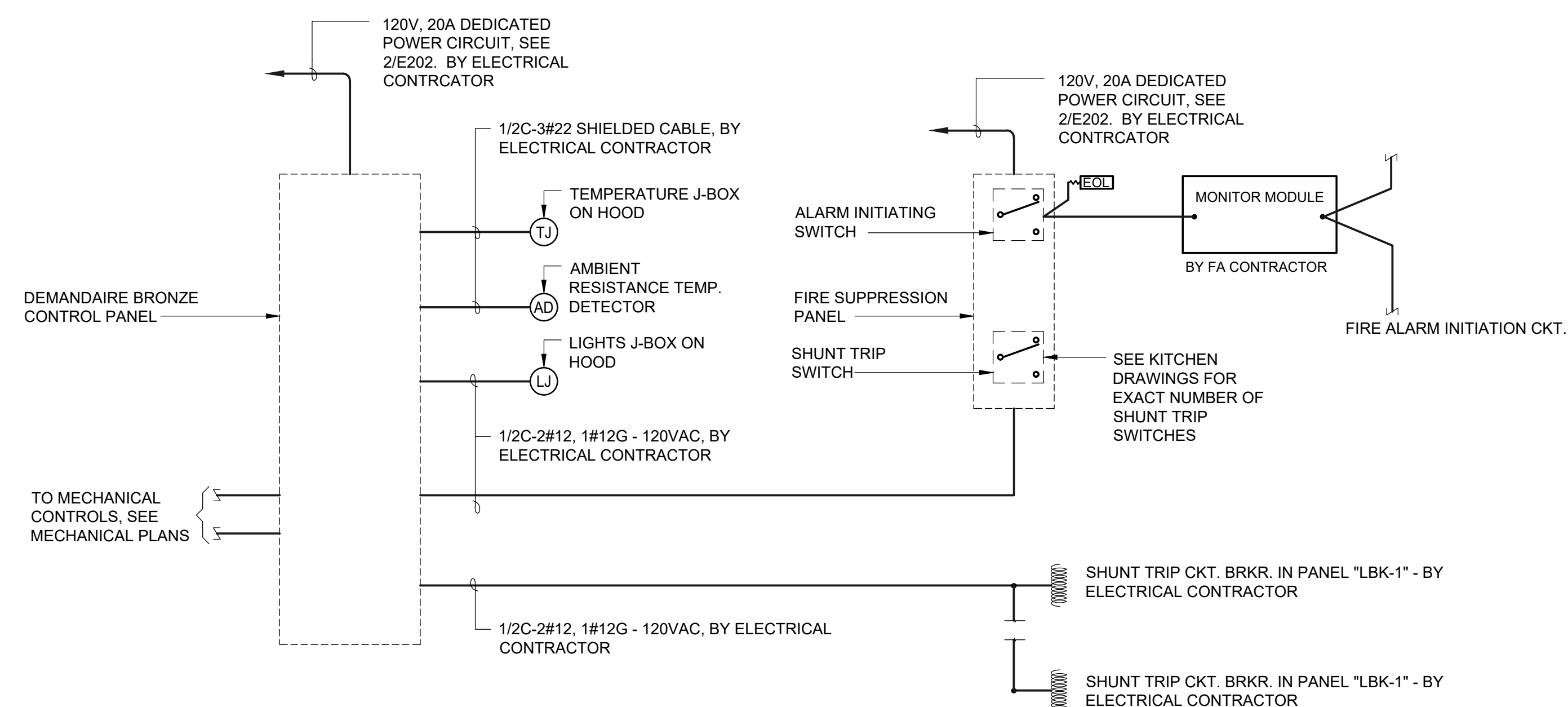
E400 NO SCALE



NOTE: DIAGRAM IS GENERIC THEREFORE CONTRACTOR SHALL COORDINATE WORK FOR SPECIFIC DEVICES USED. REFER TO MANUFACTURER INFORMATION FOR TYPE OF CABLE, MAX. LENGTH, T-TAPING, GROUNDING, ETC.

**3 INITIATION DEVICES - POINT TO POINT WIRING DIAGRAM**

E400 NO SCALE



NOTES:  
1. SEE SHEET FS5.3 FOR ADDITIONAL REQUIREMENTS.  
2. COORDINATE WORK WITH KITCHEN EQUIPMENT CONTRACTOR BEFORE ROUGH IN.

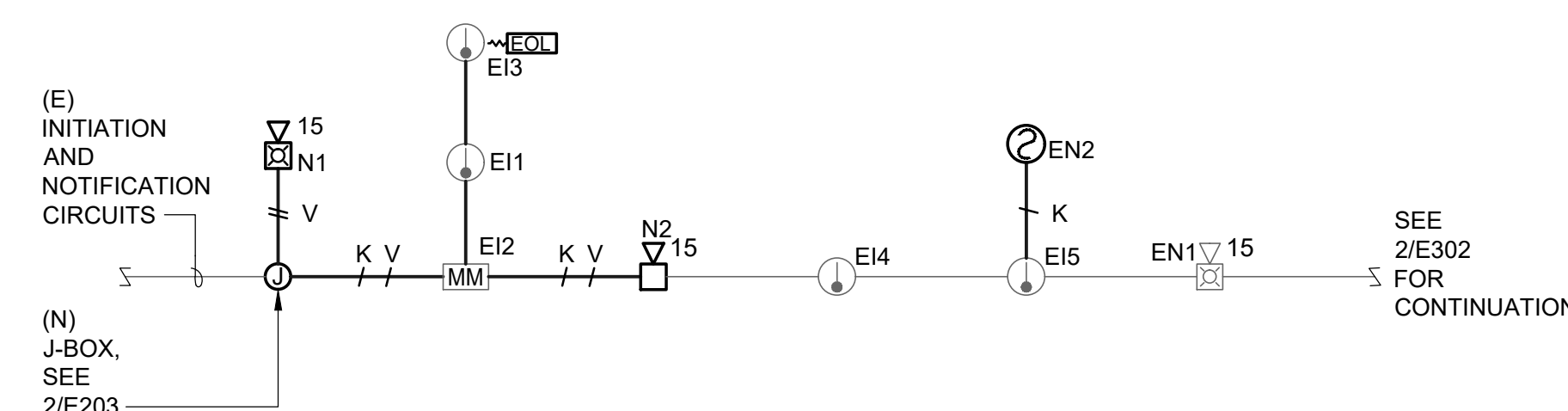
**4 HOOD FIRE SUPPRESSION SYSTEM - WIRING DIAGRAM**

E400 NOT TO SCALE

FIRE ALARM EQUIPMENT SCHEDULE			
SYMBOL	CATALOG NO.	DESCRIPTION	CSFM LISTING No.
FACP	FIRELITE MS9600	(E) FIRE ALARM CONTROL PANEL	
SD	FIRELITE SD350T	PHOTOELECTRIC SMOKE DETECTOR	7272-0075:0194
MM	FIRELITE MMF301	MONITOR MODULE	7300-0075:0185
15	WHEELOCK AS-24MCW	HORN/STROBE 15cd	7125-0785:0131

FIRE ALARM SEQUENCE OF OPERATION MATRIX										
	FACP ALARM	FACP TROUBLE	FACP SUPERVISORY	ALARM SIGNAL OFF-SITE	TROUBLE SIGNAL OFF-SITE	ACTIVATE AUDIO/VISUAL THROUGHOUT	ALARM RESCUE CAPABILITY DURING ABNORMAL CONDITIONS	SHUT OFF POWER TO DEVICES	SEND SIGNAL TO MECHANICAL CONTROLS TO INITIATE REQUIRED ACTIONS BY MECHANICAL CONTROLS	ANNUNCIATE ALARM AT REMOTE ANNUNCIATOR
AREA SMOKE DETECTOR	X			X		X				X
AREA HEAT DETECTOR	X			X		X				X
KITCHEN HOOD FIRE SUPPRESSION SYSTEM	X			X				X	X	X
POWER FAILURE		X	X		X					
NOTIFICATION CIRCUIT CLASS B										
OPEN WIRE		X			X					
GROUNDING WIRE		X			X			R		
SHORTED WIRES		X			X					
SIGNALING LINE CIRCUIT CLASS B										
OPEN WIRE		X			X					
GROUNDING WIRE		X			X			R		
WIRE TO WIRE (SHORT & OPEN)		X			X					
WIRE TO WIRE (SHORT & GROUND)		X			X					
OPEN & GROUND		X			X					
LOSS OF CARRIER		X			X					

NOTE: BLANK MEANS NOT APPLICABLE R = REQUIRED ACTION



**5 FIRE ALARM RISER DIAGRAM**

E400 N.T.S.

FIRE ALARM CABLE SCHEDULE		
K	ADDRESSABLE INITIATION	2#16AWG, - WEST PENN 990
L	NON-ADDRESSABLE INITIATION	2#16AWG, - WEST PENN 990
V	NOTIFICATION - AUDIBLE (SPEAKER)	2#12AWG, - WEST PENN 998

**VOLTAGE DROP NOTE:**

ADDED (N) NOTIFICATION WIRES SHALL BE OF SAME LENGTH AS EXISTING REMOVED NOTIFICATION WIRES - SEE SHEET E203. VOLTAGE DROP IS LESS THEN ORIGINAL - LOAD OF (N) NOTIFICATION DEVICES IS LESSER THEN REMOVED NOTIFICATION DEVICE, THEREFORE VOLTAGE DROP IS LESSER THEN ORIGINAL VOLTAGE DROP PER DSA APPLICATION #02-102142, DATED 11/15/2002

**STANDBY BATTERY NOTE:**

REMOVED IS HORN/STROBE WHEELOCK AS24110WFR. LOAD OF REMOVED DEVICE IS 0.224A. ADDED ARE (2) HORN/STROBES - WHEELOCK AS24MCW ADJUSTED TO 15cd. ADDED LOAD IS 2 x 0.074 = 0.148. ADDED LOAD IS LESSER THEN ORIGINAL VOLTAGE DROP PER DSA APPLICATION #02-102142, DATED 11/15/2002. EXISTING BATTERY IS ADEQUATE.

**DESIGN WEST**

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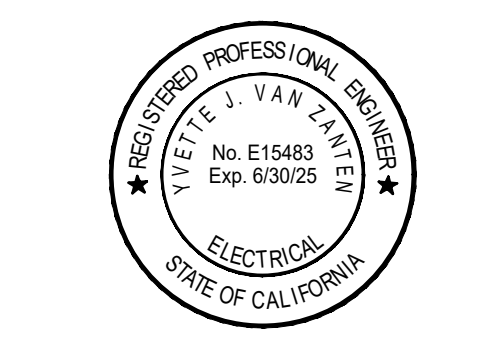
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PROJECT #: 2332.21  
PROJECT MGR: SINISHA GLISIC

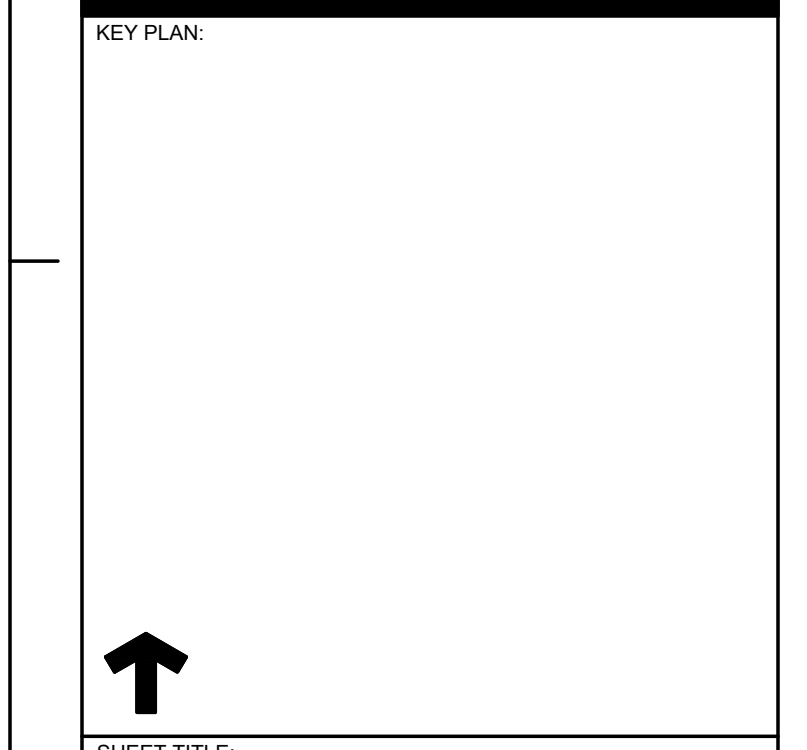
**ALICE BIRNEY PUBLIC WALDORF TK-8 SCHOOL**

6254 13TH STREET  
SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

SACRAMENTO COUNTY



↑

SHEET TITLE:

**FIRE ALARM NOTES, DETAILS, DIAGRAMS, OPERATION MATRIX**

JOB NUMBER: 23332.21

DATE: DEC 22, 2023

REVISION:

SHEET NUMBER:

**E400**







STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Indoor Lighting

CERTIFICATE OF COMPLIANCE Project Name: 23332.21 ALICE BIRNEY TK-8 - CAMPUS RENEWAL Report Page: NRCC-LTI-E (Page 2 of 7) Date Prepared: 2023-12-14T18:55:33-05:00

A. GENERAL INFORMATION Table with columns for Project Location, Climate Zone, Occupancy Types, and Total Conditioned/Unconditioned Floor Area.

B. PROJECT SCOPE Table with columns for Scope of Work, Conditioned Spaces, and Unconditioned Spaces.

Generated Date/Time, Documentation Software, and Compliance ID/Report Generated information.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Indoor Lighting CERTIFICATE OF COMPLIANCE Project Name: 23332.21 ALICE BIRNEY TK-8 - CAMPUS RENEWAL Report Page: NRCC-LTI-E (Page 4 of 7) Date Prepared: 2023-12-14T18:55:33-05:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs) Area Level Controls table with columns 04-12.

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS Table with columns 01-06.

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

Generated Date/Time, Documentation Software, and Compliance ID/Report Generated information.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Indoor Lighting

CERTIFICATE OF COMPLIANCE Project Name: 23332.21 ALICE BIRNEY TK-8 - CAMPUS RENEWAL Report Page: NRCC-LTI-E (Page 2 of 7) Date Prepared: 2023-12-14T18:55:33-05:00

C. COMPLIANCE RESULTS Table with columns for Allowed Lighting Power, Adjusted Lighting Power, and Compliance Results.

D. EXCEPTIONAL CONDITIONS

E. ADDITIONAL REMARKS

Generated Date/Time, Documentation Software, and Compliance ID/Report Generated information.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Indoor Lighting CERTIFICATE OF COMPLIANCE Project Name: 23332.21 ALICE BIRNEY TK-8 - CAMPUS RENEWAL Report Page: NRCC-LTI-E (Page 6 of 7) Date Prepared: 2023-12-14T18:55:33-05:00

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE/SPECIAL EFFECTS

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

Generated Date/Time, Documentation Software, and Compliance ID/Report Generated information.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Indoor Lighting

CERTIFICATE OF COMPLIANCE Project Name: 23332.21 ALICE BIRNEY TK-8 - CAMPUS RENEWAL Report Page: NRCC-LTI-E (Page 3 of 7) Date Prepared: 2023-12-14T18:55:33-05:00

F. INDOOR LIGHTING FIXTURE SCHEDULE Table with columns for Item, Name or Item Tag, Complete Luminaire Description, and Design Watts.

FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% / 80% of their rated wattage.

G. MODULAR LIGHTING SYSTEMS

H. INDOOR LIGHTING CONTROLS (Not including PAFs) Building Level Controls table with columns 01-03.

Generated Date/Time, Documentation Software, and Compliance ID/Report Generated information.

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S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

T. DWELLING UNIT LIGHTING

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Generated Date/Time, Documentation Software, and Compliance ID/Report Generated information.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Indoor Lighting CERTIFICATE OF COMPLIANCE Project Name: 23332.21 ALICE BIRNEY TK-8 - CAMPUS RENEWAL Report Page: NRCC-LTI-E (Page 7 of 7) Date Prepared: 2023-12-14T18:55:33-05:00

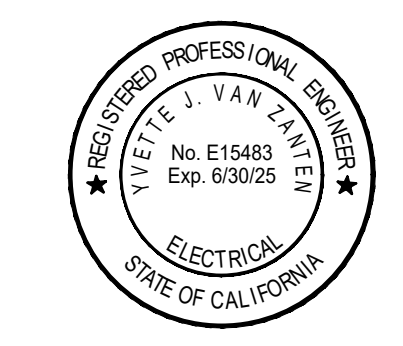
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT and RESPONSIBLE PERSON'S DECLARATION STATEMENT.

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CONSULTANT: M. NEILS ENGINEERING, INC. Electrical Engineers | Lighting Designers 100 Howe Ave., Suite 235N Sacramento, CA 95825-8217 www.mneilsengineering.com Tel: (916) 923-4400 PROJECT #: 2332.21 PROJECT MGR: SINISHA GLISIC

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CAMPUS RENEWAL

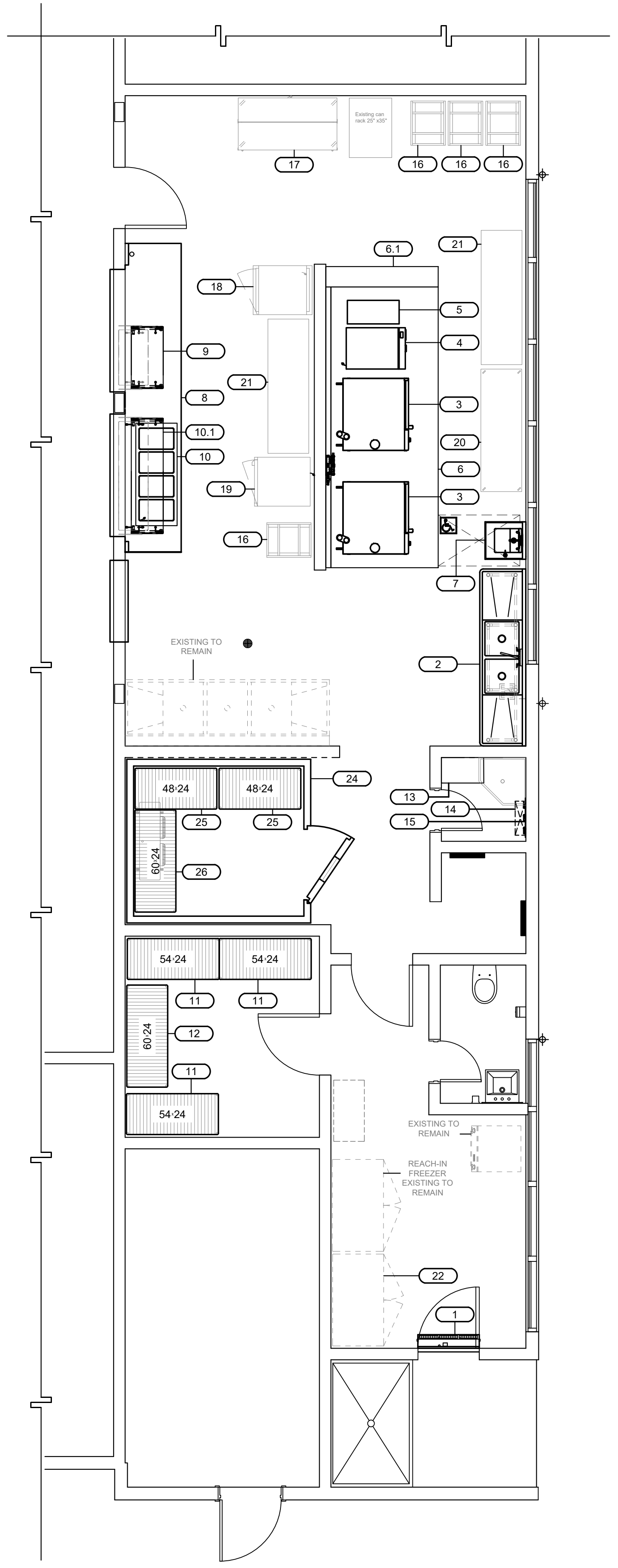
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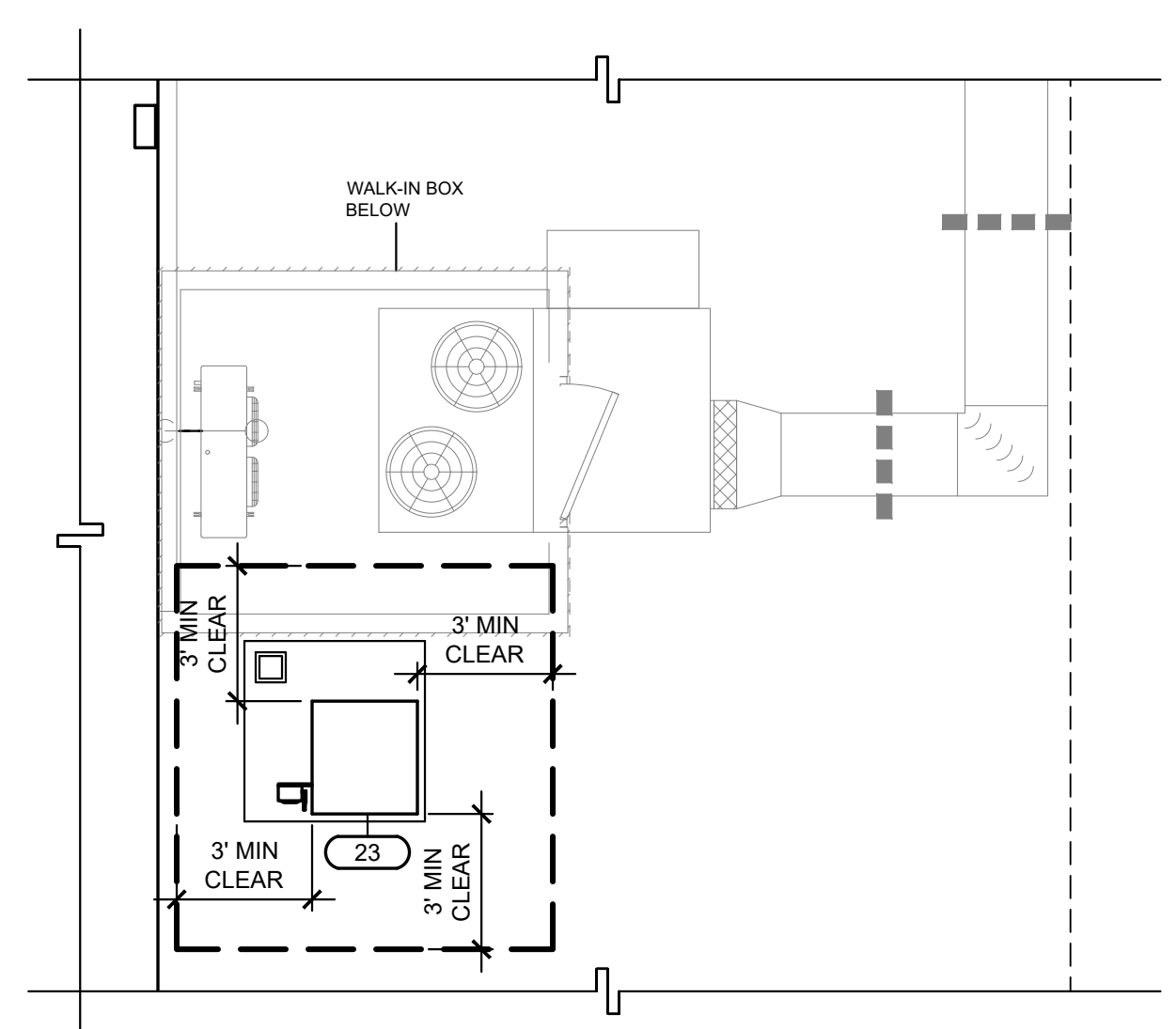
KEY PLAN and SHEET TITLE: TITLE 24 - INDOOR LIGHTING COMPLIANCE FORMS

JOB NUMBER: 23332.21 SHEET NUMBER: E600 DATE: DEC 22, 2023 REVISION:





**FOODSERVICE EQUIPMENT FLOOR PLAN**  
SCALE: 1/4" = 1'-0"  
1  
FS1.1



**FOODSERVICE EQUIPMENT ROOF PLAN**  
SCALE: 1/4" = 1'-0"  
2  
FS1.1

EQUIPMENT SCHEDULE								
ITEM NO	QTY	OF	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	REMARKS	WEIGHTS	ANCHORAGE DETAILS
1	1		AIR CURTAIN, UNHEATED	BERNER	SLC07-1036A		440	C/FS8.2
2	1		PREP SINK	EAGLE GROUP/METAL MASTERS	FN2040-2-30-14/3		261	B/FS8.1
3	2		OVEN-STEAMER, COMBINATION, ELECTRIC, DOUBLE	RATIONAL USA	ICP 6-FULL ON 6-FULL E		502	G/FS8.1
4	1		ELECTRIC GRIDDLE, 24"	ACCUTEMP	EGF2083A2450	W/ STAND	200	A/FS8.2
5	1		INDUCTION RANGE, COUNTERTOP, W/ STAND	COOKTEK	620701	W/ STAND	100	
6	1		EXHAUST HOOD, TYPE 1	STREIVOR	WCBD 1656322.5		1542	A/FS8.3
6.1	1		FIRE SYSTEM CABINET	STREIVOR	LT-30-R		100	
7	1		SINK, HAND, WALL MOUNT	EAGLE GROUP/METAL MASTERS	HSAP-14-ADA-FW		57	B/FS8.2
8	1		SERVING COUNTER	FABRICATED ITEM	CUSTOM		440	L/FS8.1
9	1		SNEEZE GUARD	PMG			100	
10	1		DROP-IN, HOT WELLS	DUKE MANUFACTURING	WWG4		115	
10.1	1		SNEEZE GUARD	PMG	FM2N-A	W/ REVERSABLE ENDS	200	
11	3		DRY STORAGE SHELVING	METRO	A2454NC	SHELVING CAPACITY 3200 LBS	24.5	D/FS8.2
12	1		DRY STORAGE SHELVING	METRO	A2460NC	SHELVING CAPACITY 2400 LBS	27.4	D/FS8.2
13	1		UPPER STORAGE CABINET FOR CLEANING SUPPLIES	ADVANCE TABCO	WCH-15-36		121	H/FS8.1
14	1		MOP RACK	ADVANCE TABCO	K-242		2	
15	1		MOP DRAINAGE TRAY	ADVANCE TABCO	K-243		3	
16	4	X	RACK, PAN					
17	1	X	MILK COOLER					
18	1	X	CABINET, MOBILE, WARMING & HOLDING	CRES COR	H-137-PSUA-12D			
19	1	X	CABINET, MOBILE, WARMING & HOLDING	CRES COR	H-137-UA-12D			
20	1	X	MOBILE WORK TABLE 24"x72"					
21	2	X	WORK TABLE 24"x72"					
22	2	X	REACH IN FREEZER					
23	1		REMOTE REFRIGERATION AND COIL	COOL TEC	PP-1	ON ROOF	210	FS7.1
24	1		WALK-IN REFRIGERATOR	RMI	FABRICATED ITEM			1/FS4.1
25	2		COLD STORAGE SHELVING	METRO	A2448NK3	SHELVING CAPACITY 3200 LBS	20	K/FS8.2
26	1		COLD STORAGE SHELVING	METRO	A2460NK3	SHELVING CAPACITY 2400 LBS	25	K/FS8.2

**FOODSERVICE DRAWINGS SHEET LIST**

- FS1.1 - FOODSERVICE EQUIPMENT FLOOR PLAN
- FS2.1 - FOODSERVICE EQUIPMENT PLUMBING PLAN
- FS3.1 - FOODSERVICE EQUIPMENT ELECTRICAL PLAN
- FS4.1 - FOODSERVICE EQUIPMENT MECHANICAL PLAN
- FS5.1 - FOODSERVICE EXHAUST HOOD DETAILS
- FS6.2 - FOODSERVICE EXHAUST HOOD DETAILS
- FS6.3 - FOODSERVICE EXHAUST HOOD DETAILS
- FS7.1 - FOODSERVICE REFRIGERATION DETAILS
- FS8.1 - FOODSERVICE EQUIPMENT ANCHORAGE DETAILS
- FS8.2 - FOODSERVICE EQUIPMENT ANCHORAGE DETAILS
- FS8.3 - FOODSERVICE EQUIPMENT ANCHORAGE DETAILS
- FS8.1 - FOODSERVICE EQUIPMENT ELEVATIONS

**KITCHEN EQUIPMENT HOOD AND FIRE SYSTEM**

- THE KITCHEN HOOD FIRE SUPPRESSION SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE 2021 EDITION OF THE NFPA 70A (UL 300 SYSTEM)
- INSTALLATION OF THE FIRE SUPPRESSION SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY DEPT. OF STATE ARCHITECT.
- UPON COMPLETION OF THE SYSTEM IT SHALL BE TESTED IN THE PRESENCE OF THE STATE FIRE MARSHAL.

**APPLICABLE CODE 2022 CBC**

**PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE**

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS DESCRIBED IN ASCE 7-17 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., HCA/CPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP/MD/PP/E Option 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP/MD/PP/E Option 2: SHALL COMPLY WITH HCA/CPM (OSHPD) PRE-APPROVED (CPM #) \_\_\_\_\_ AS INCLUDED IN THESE DRAWINGS WITH PROJECT-SPECIFIC NOTES AND DETAILS.

**HEALTH DEPARTMENT NOTES:**

- PROVIDE THERMOMETER IN ALL REFRIGERATION UNITS CONTAINING PERISHABLE FOODS.
- PROVIDE PROBE THERMOMETER FOR CHECKING HOT AND COLD FOODS.
- FOOD STORAGE SHELVES SHALL BE MINIMUM SIZE (6) INCHES ABOVE FLOOR.
- ALL EQUIPMENT SHALL MEET OR BE EQUIVALENT TO "NSP" STANDARDS.
- PROVIDE GARMENT STORAGE AREA: LOCKER, CABINET OR HANGERS FOR EMPLOYEE GARMENTS.
- RODENT AND INSECT-PROOF ALL EXTERIOR DOORS AND WINDOWS. PROVIDE HEAVY-DUTY SELF-CLOSERS ON ALL EXTERIOR DOORS AND RESTROOM DOORS. SEAL ALL HOLES OR GAPS AROUND PIPES ENTERING BUILDING.
- EXTERIOR DOORS SHALL BE RODENT PROOF WITH NO OPENINGS GREATER THAN 1/4 INCH.
- PROVIDE HARDWOOD, METAL, FORMICA OR OTHER APPROVED MATERIALS, SMOOTH WITH SEALER ON ALL TABLE, COUNTERS, SHELVES, AND OTHER FOOD CONTACT SURFACES.
- PROVIDE HAZARDOUS SUBSTANCE LOCATION: SEPARATE CABINET, ROOM OR DESIGNATED AREA FOR STORAGE OF PESTICIDE AND CLEANING COMPOUNDS.
- INSTALL EQUIPMENT TO FACILITATE CLEANING. PLACE FLOOR MOUNTED UNITS ON CASTERS, MINIMUM SIX (6) INCHES HIGH, ROUND, METAL LEGS, OR SEAL IN POSITION ON MINIMUM FOUR (4) INCH CURB.
- UNPACKAGED PROCESSED FOODS ON DISPLAY SHALL BE EFFECTIVELY SHIELDED OR COVERED.
- PROVIDE SOAP AND TOWEL DISPENSERS AT ALL HAND WASHING SINKS.
- FLOOR SINKS SHALL BE INSTALLED FLUSH WITH FLOOR AND READILY ACCESSIBLE FOR CLEANING.
- GREASE INTERCEPTORS SHALL BE INSTALLED READILY ACCESSIBLE FOR CLEANING.
- PROVIDE PROTECTIVE COVERS ON ALL LIGHTS IN FOOD PREPARATION, OPENED FOOD STORAGE ROOM(S), UTENSIL WASH AREAS, OR USE SHATTERPROOF BULBS.
- LIGHTING REQUIREMENTS:  
-MINIMUM 50FT. CANDLES REQUIRED IN FOOD PREP AREA  
-MINIMUM 20FT. CANDLES REQUIRED IN RESTROOMS AND BARS  
-MINIMUM 10FT. CANDLES REQUIRED IN REFRIGERATORS  
-MINIMUM 10FT. CANDLES REQUIRED IN STORAGE AREAS  
-LIGHTING SHALL BE SHATTERPROOF OR SHIELDED
- EXISTING FIXTURES, FINISHES, AND EQUIPMENT SHALL BE IN OPERABLE CONDITION AND SUBJECT TO FIELD APPROVAL.
- WALLS & CEILING IN THE RESTROOMS, PREPARATION, STORAGE, AND JANITORIAL AREAS SHALL BE CONSTRUCTED OF APPROVED MATERIALS SO AS TO BE SMOOTH, WASHABLE, AND EASY TO CLEAN.

**FLOOR LEGEND**

SYMBOL/ABBREVIATION	DESCRIPTION	SYMBOL	DESCRIPTION
OFCI	OWNER FURNISH / CONTRACTOR INSTALLED	[Symbol]	ACCESSIBLE CLEARANCES AND SYMBOL 30"x48" MIN CLEARANCE
OFOI	OWNER FURNISH / OWNER INSTALLED	[Symbol]	48" CLR.
FSEC	FOODSERVICE EQUIPMENT CONTRACTOR	[Symbol]	OUTLINE OF FOODSERVICE EQUIPMENT
VFVI	VENDER FURNISH / VENDER INSTALLED	[Symbol]	EXISTING FOODSERVICE EQUIPMENT
(E), EXIST	EXISTING FOODSERVICE EQUIPMENT	[Symbol]	FOODSERVICE EQUIPMENT BELOW EQUIPMENT TOP
(F)	FUTURE FOODSERVICE EQUIPMENT	[Symbol]	FOODSERVICE EQUIPMENT ABOVE EQUIPMENT TOP
[Symbol]	BUILDING WALLS (SEE ARCH. DWGS.)	[Symbol]	MOBILE FOODSERVICE EQUIPMENT
[Symbol]	WALK-IN COOLER/ FREEZER INSULATED WALLS	[Symbol]	FIRE EXTINGUISHER & CABINET REFER TO ARCH. DRAWINGS FOR FIRE EXTINGUISHER LOCATIONS
[Symbol]	KEY / SHEET NOTE	[Symbol]	FS.1 SHEET NUMBER
[Symbol]	ITEM NUMBER SYMBOL (SEE EQUIPMENT SCHEDULE FOR DESCRIPTION)	[Symbol]	WATER HEATER (SEE PLUMBING ENG. DWG.)
[Symbol]	KITCHEN ROOM / AREA NAME AND ROOM NUMBER	[Symbol]	ELEVATION INDICATOR SYMBOL
[Symbol]	COLUMN GRIDS WITH COLUMN INDICATORS		
[Symbol]	STORAGE SHELVING SIZES (Width x Length)		

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ARCHITECT CONSULTANT:

CONSULTANT:

**AMD**  
FOODSERVICE DESIGN

PROJECT NAME:

KEY PLAN

↑ SHEET TITLE

**FOODSERVICE EQUIPMENT FLOOR PLAN**

JOB NUMBER: SHEET NUMBER:  
**FS1.1**

DATE: REVISION:

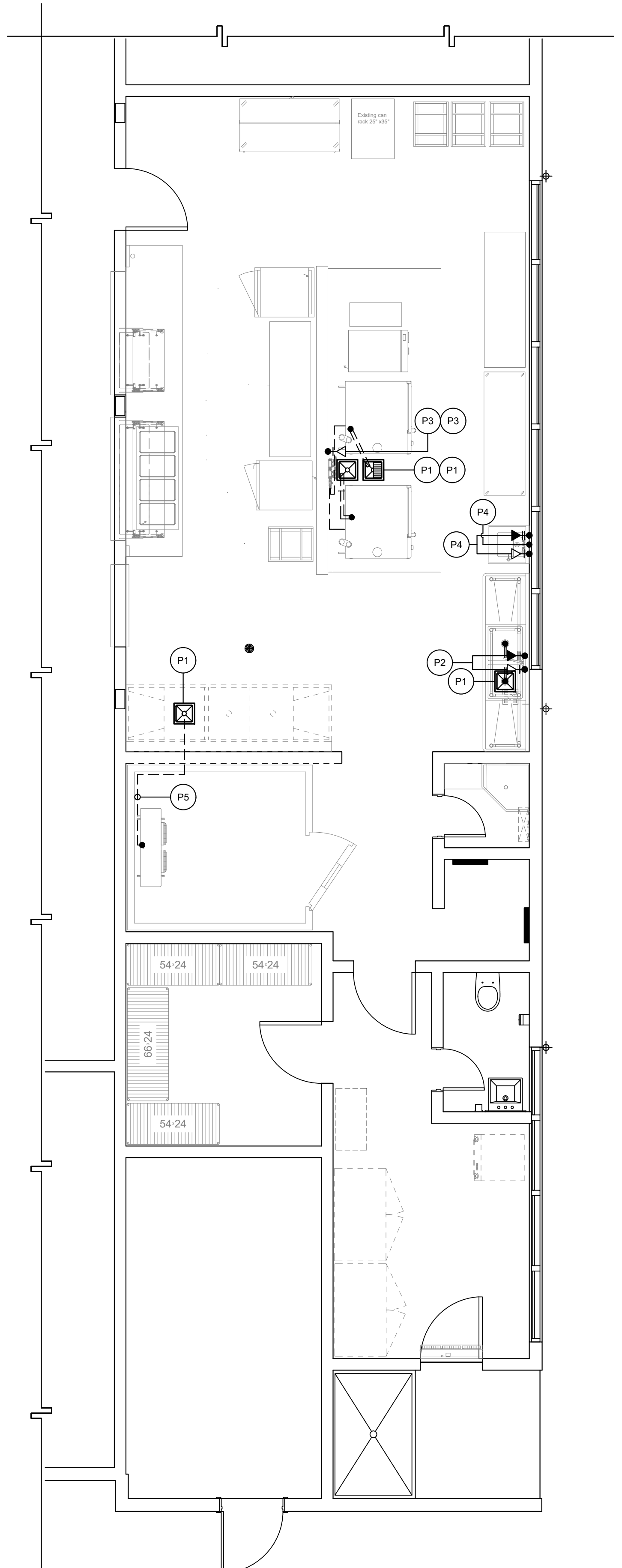


PLUM. NO.	ITEM NO.	DESCRIPTION	QTY.	WATER			WASTE			GAS			REMARKS	NOTE(S)
				CONN. SIZE	HGT. @ WALL	HGT. @ WALL	CONN. SIZE	INDIR.	HGT. @ WALL	BTU/HR (x1,000)	CONN. SIZE	HGT. @ WALL		
				C.W.	H.W.	WALL	DIR.	INDIR.	WALL			WALL		
P1	-	FLOOR SINK	4EA.	-	-	-	-	-	0"	-	-	-	INSTALL FLUSH WITH FINISH FLOOR. PROVIDE GRATE COVER W/ DOME STRAINER. REFER TO PLUMBING PLANS FOR TYPE AND SIZE.	
P2	2	PREP SINK FAUCET W/ 8" CENTER SPLASH MOUNT	1EA.	1/2"	1/2"	18"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 2" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	
P3	3	COMBI OVEN FILTER CONNECTION	2EA.	1/2"	-	64" 36"	-	2"	-	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. PROVIDE 2" INDIRECT DRAIN TO F.S. P1. (CHROME OR PAINT SILVER)	1, 2
P4	7	WALL MOUNTED HAND SINK FAUCET W/ 12" INLET 4" CENTER	1EA.	1/2"	1/2"	18"	1 1/2"	-	24"	-	-	-	PROVIDE S.O.V., RUN PIPING TO UNIT CONNECTION. RUN DIRECT WASTE WITH P-TRAP.	
P5	23	WALK-IN REFRIGERATOR CONN. DRAIN FROM COIL CONN. + 70"	1EA.	-	-	-	-	1"	-	-	-	-	1" INDIRECT DRAIN TO F.S. P1. SLOPE 1/2" PER FOOT. PROVIDE 1" MIN AIR GAP AT F.S. WITH 'P' TRAP.	

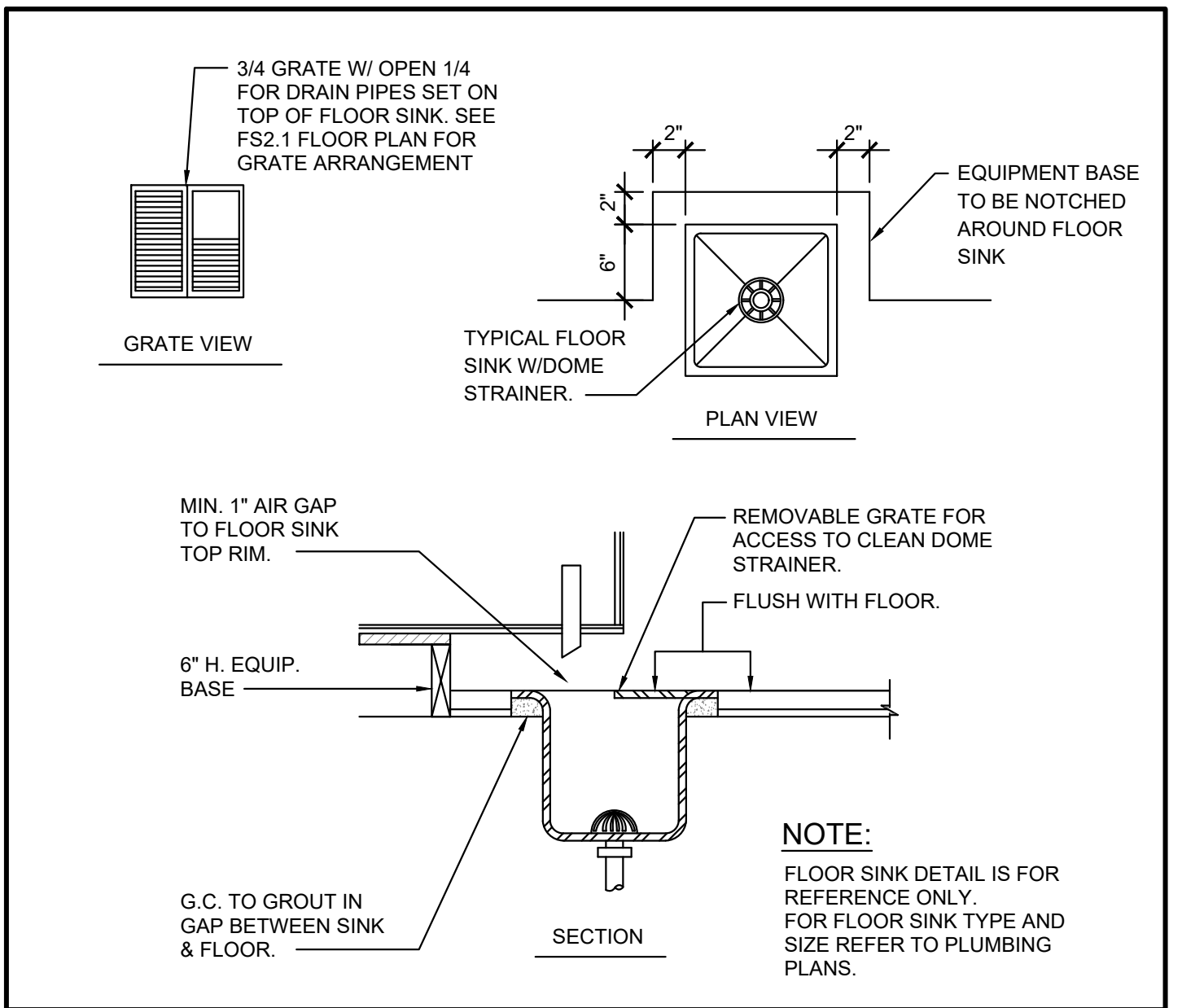
**PLUMBING KEY NOTE(S):**

1 ONE CONNECTION REQUIRED PER FILTER. 1 FILTER FEEDS 1 DOUBLE STACK UNIT/ PLUMBED WITH Y CONNECTION FROM THE OUTLET SIDE OF FILTER TO THE INLET SIDE OF COMBI OVEN. 1 ARM GOES TO TOP UNIT 1 TO BOTTOM UNIT.

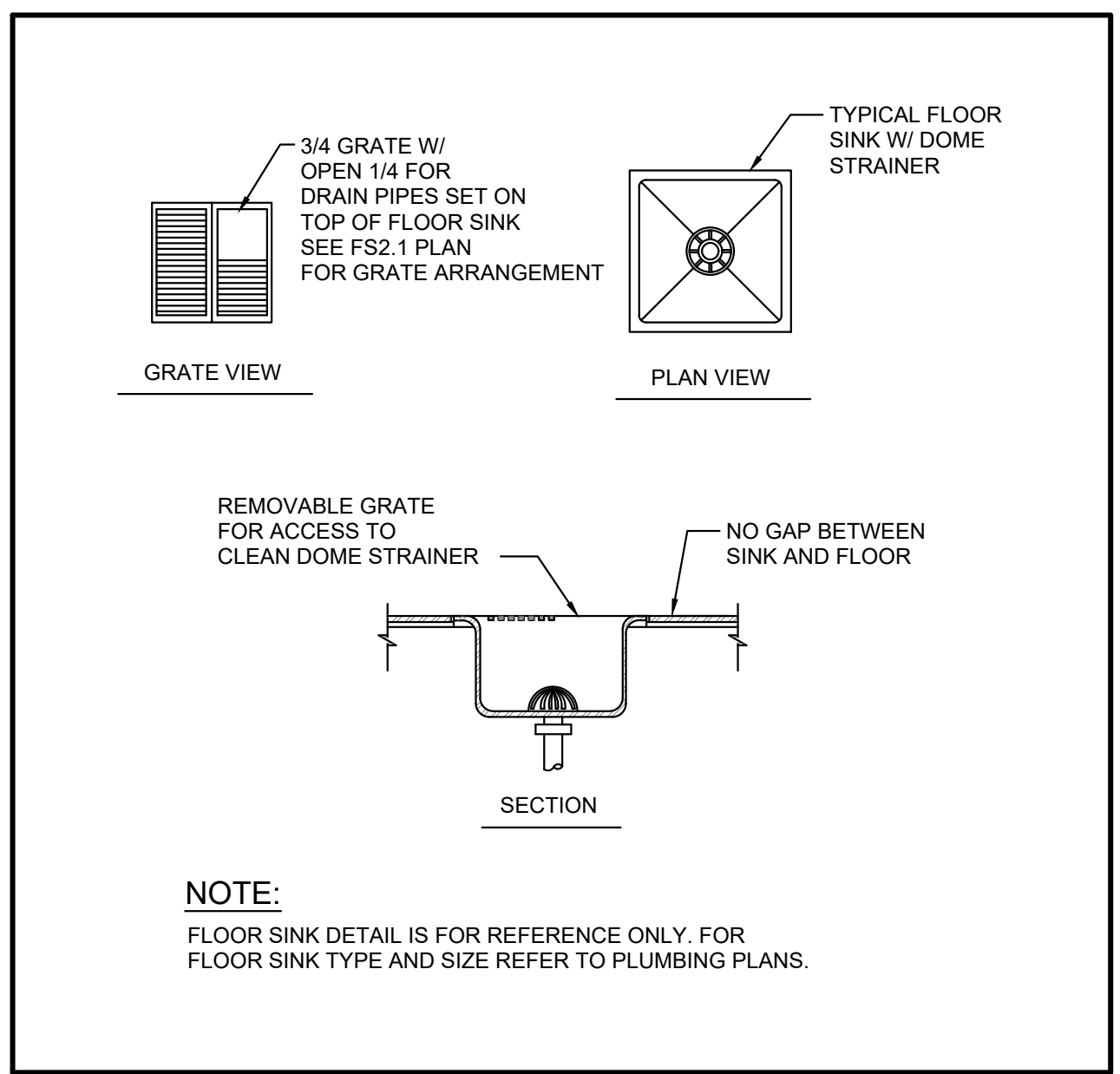
2 VERIFY WATER QUALITY MEETS MANUFACTURERS STANDARD MINIMUM REQUIREMENTS



**FOODSERVICE EQUIPMENT PLUMBING PLAN** 1  
SCALE: 1/4" = 1'-0" FS2.1



**FLUSH FLOOR SINK DETAIL** 2  
SCALE: NONE LOCATED UNDER WORK COUNTERS FS2.1



**FLUSH FLOOR SINK DETAIL** 3  
SCALE: NONE FS2.1

PLUMBING NOTES	
1.	PLUMBING CONTRACTOR TO VERIFY ALL INCOMING SERVICE AND MAKE FINAL HOOK-UPS TO ALL APPLICABLE EQUIPMENT AND TO PROVIDE ALL PIPING, TEES, ELLS, TRAPS, FILTERS, REGULATORS, FAUCETS, ETC., UNLESS SPECIFICALLY STATED OTHERWISE.
2.	ALL HORIZONTAL DIMENSIONS SHOWN ON PLAN ARE FROM FINISHED FACE OF WALL TO CENTERLINE OF STUB-OUT OR FROM CENTERLINE OF STUB-OUT TO CENTERLINE OF STUB-OUT, UNLESS NOTED OTHERWISE ON PLAN OR DETAILS.
3.	(VERIFY ALL DIMENSIONS)
4.	SYMBOLS NOTED "+24", "-48", ETC., INDICATES TO STUB-OUT OF WALL AT HEIGHT INDICATED. HEIGHT IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTERLINE OF STUB-OUT. SYMBOLS INDICATED "STUB-UP" AND "STUB-DOWN" ARE TO EXTEND ABOVE FINISHED FLOOR AND/OR BELOW FINISHED CEILING AT LOCATION SHOWN.
5.	PLUMBING STUBS AND CONNECTIONS SHOWN ON PLANS ARE FOR EQUIPMENT FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.
6.	FLOOR SINKS SHOWN ARE TO BE SET FLUSH WITH TOP OF FINISHED FLOOR. FLOOR SINKS INDICATED HALF-IN AND HALF-OUT OF EQUIPMENT TO BE SET FLUSH WITH TOP OF FINISHED FLOOR. FLOOR SINKS LOCATED COMPLETELY WITHIN EQUIPMENT AREA TO BE SET FLUSH WITH TOP OF FINISHED FLOOR.
7.	PLUMBING CONTRACTOR TO PROVIDE AND INSTALL REMOVABLE COVERS OR GRATES FOR ALL FULLY OR PARTIALLY EXPOSED FLOOR SINKS. GRATES TO HAVE 1/2" MAX OPENINGS WHERE DRAIN IS EXPOSED TO P.O.I. OR TO PEDESTRIAN WAYS TYP.
8.	PLUMBING CONTRACTOR SHALL SEAL ALL PLUMBING PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS. WATERTIGHT AND VERMIN-PROOF.
9.	PLUMBING CONTRACTOR TO PROVIDE AND INSTALL SHUT-OFF VALVES ON ALL WATER AND GAS LINES, INCLUDING VALVES IN FIXTURES, LOCATED IN SUCH A WAY AS TO BE ACCESSIBLE WITHOUT USE OF TOOLS.
10.	PLUMBING CONTRACTOR TO PROVIDE AND INSTALL FOR ALL APPLICABLE EQUIPMENT, A TRAPPED FLOOR SINK WITH A LEGAL AIR GAP DRAIN LINE (INDIRECT WASTE) TO FLOOR SINK. INSULATE ALL DRAIN LINES FROM ICE BINS, ICE MACHINES, REFRIG. EQUIP., ETC..

FOODSERVICE PLUMBING LEGEND			
ABREV./SYMB.	DESCRIPTION	SYMBOL	DESCRIPTION
C.W.	COLD WATER	P1	PLUMBING SCHEDULE REFERENCE. REFER TO FS2.1 FOR SCHEDULE
H.W.	HOT WATER	1 1	SHEET AND/OR KEY NOTE
DIR.	WASTE (DIRECT CONNECTION)	▶	COLD WATER INLET
INDIR.	INDIRECT WASTE (AIR GAP)	▶	HOT WATER INLET
LAV.	LAVATORY	•	WATER CONNECTION TO EQUIPMENT
W.C.	WATER CLOSET	▶	SHUT OFF VALVE (S.O.V.)
F.S.	FLOOR SINK	▶	COLD WATER SHUT OFF VALVE
P.C.	PLUMBING CONTRACTOR	▶	GAS SHUT-OFF VALVE
G.C.	GENERAL CONTRACTOR	▶	FLOOR SINK
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR	▶	FLOOR DRAIN
S.O.V.	SHUT OFF VALVE	▶	WASTE DOWN
GPH	GALLONS PER HOUR	▶	GAS INLET
PSI	POUNDS PER SQUARE INCH	▶	WALK-IN DRAIN LINE
(F)	DEGREES FAHRENHEIT	▶	I.D. DRAIN LINE
CONN.	CONNECT	▶	
LOC.	LOCATE	▶	



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CONSULTANT:  
**AMD**  
FOODSERVICE DESIGN

PROJECT NAME:

KEY PLAN:

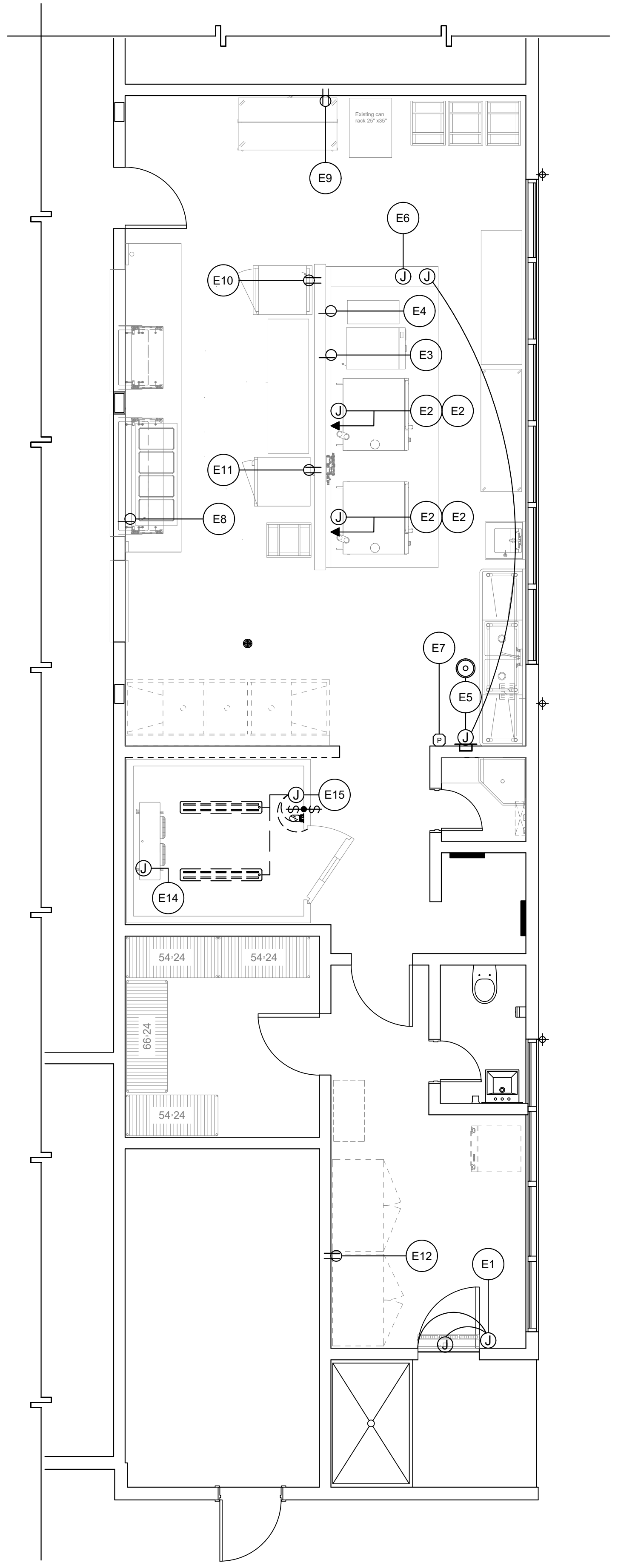
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**FOODSERVICE EQUIPMENT PLUMBING PLAN**

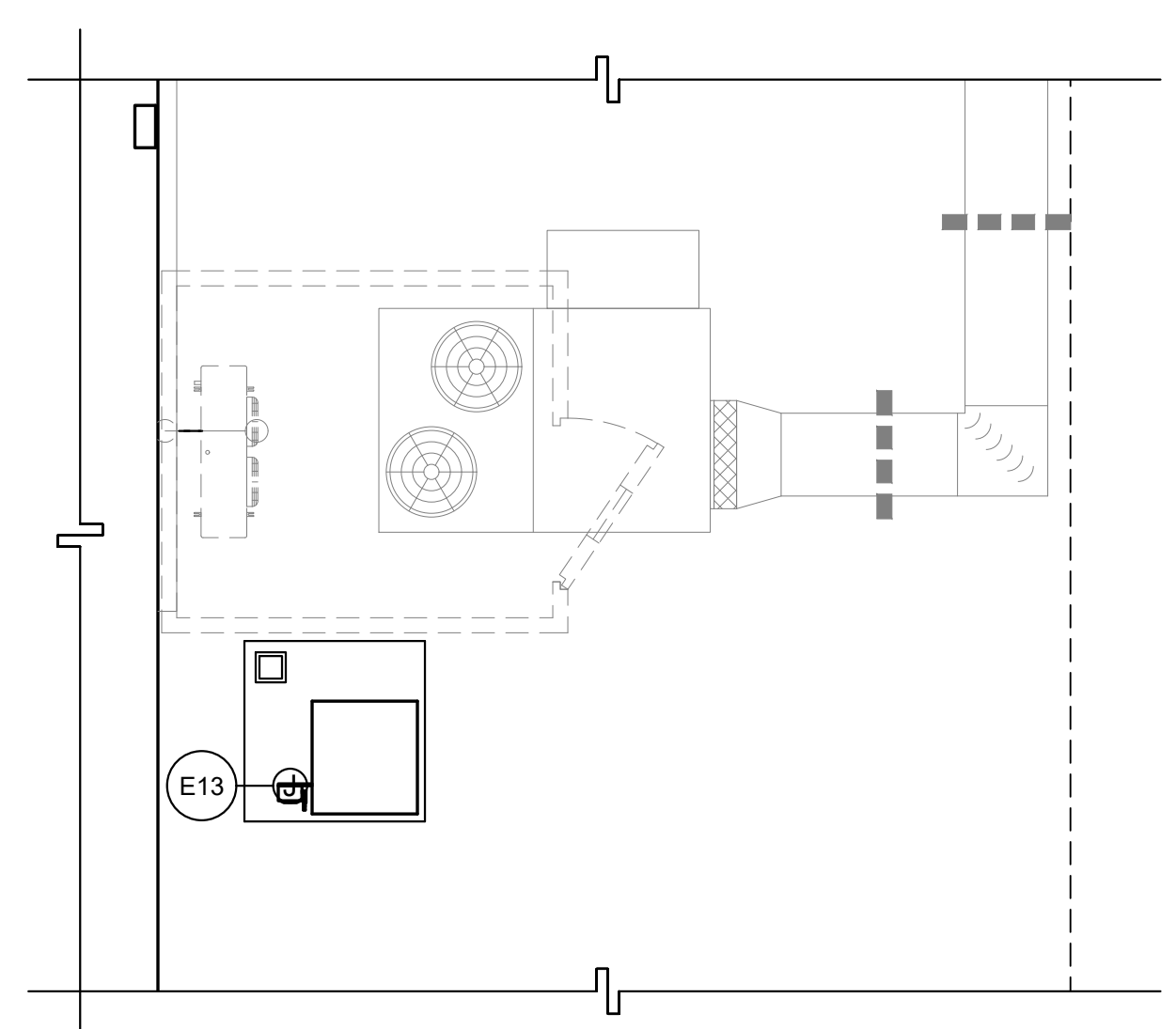
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**FS2.1**

DATE:  
REVISION:





**FOODSERVICE EQUIPMENT ELECTRICAL PLAN** 1  
SCALE: 1/4" = 1'-0" FS3.1



**FOODSERVICE ELECTRICAL ROOF PLAN** 2  
SCALE: 1/4" = 1'-0" FS3.1

ELEC. NO.	ITEM NO.	DESCRIPTION	QTY.	VOLT.	PH	DIREC. PLUG	NEMA	LOAD			OUTLET HEIGHT	REMARKS	NOTE(S)
								WATT	AMPS DRAW	HP			
E1	1	AIR CURTAIN, UNHEATED	1EA.	120	1	X	-	-	3.4	-	+88"	PROVIDE J-BOX IN WALL INSTALL DOOR LIMIT SWITCH FOR INSTANT ON/OFF SWITCH REFER TO C/FSS.2	
E2	3	DOUBLE STACK COMBI OVEN ELECTRIC POWER AND DATA	4EA.	208/240	3	X	-	-	70	-	+48" +24"	PROVIDE J-BOX CONNECT TO UNIT ELECTRICAL CONN. (1 CONN. PER DECK) PROVIDE DATA PLUG IN WALL 1-PER DECK FOR A TOTAL OF 2	3 6
E3	4	ELECTRIC GRIDDLE	1EA.	208	3	X	15-50P	-	27	-	+24"	PROVIDE SIMPLEX RECEPTACLE UNIT PROVIDED WITH CORD AND PLUG SET	3
E4	5	INDUCTION COOK TOP	1EA.	240	1	X	6-50P	-	32	-	+48"	PROVIDE SIMPLEX RECEPTACLE UNIT PROVIDED WITH CORD AND PLUG SET	3
E5	6	EXHAUST HOOD CONTROL POWER AND ROOM TEMPERATURE SENSOR	1EA.	120	1	X	-	-	20	-	+48"	CONNECT TO DEMANDAIRE CONTROL PANEL RECESS IN WALL REFER TO FSS.2	
E6	6.1	EXHAUST HOOD FIRE SYSTEM CONTROL POWER	1EA.	120	1	X	-	-	20	-	+104"	PROVIDE J-BOX CONNECT TO UNIT ELECTRICAL CONNECTION REFER TO FSS.3 INTERCONNECTION REQUIREMENTS	
E7	6.1	FIRE SYSTEM (REMOTE PULL STATION)	1EA.	-	-	X	-	-	-	-	+48"	EMPTY FLUSH MTD. OCTAGONAL BOX (REMOTE PULL) SEE FSS.3	4
E8	10	DROP-IN HOT WELLS	1EA.	208	1	X	6-20P	-	9.6	-	+18"	PROVIDE SIMPLEX RECEPTACLE PROVIDED WITH CORD AND PLUG SET	
E9	17	MILK COOLER EXISTING RELOCATED	1EA.	-	-	-	-	-	-	-	+18"	EXISTING EQUIPMENT VERIFY UTILITY REQUIREMENTS	
E10	18	MOBILE HOLDING CABINET	1EA.	120	1	X	5-20P	-	16	-	+48"	EXISTING EQUIPMENT VERIFY UTILITY REQUIREMENTS (PROVIDE DUPLEX RECEPTACLE, UNIT PROVIDED WITH CORD AND PLUG SET)	
E11	19	MOBILE HOLDING CABINET	1EA.	120	1	X	5-15P	-	12	-	+48"	EXISTING EQUIPMENT VERIFY UTILITY REQUIREMENTS (PROVIDE DUPLEX RECEPTACLE, UNIT PROVIDED WITH CORD AND PLUG SET)	
E12	22	FREEZER, REACH IN EXISTING RELOCATED	1EA.	-	-	-	-	-	-	-	+86"	EXISTING EQUIPMENT VERIFY UTILITY REQUIREMENTS (PROVIDE DUPLEX RECEPTACLE, UNIT PROVIDED WITH CORD AND PLUG SET)	
E13	23	REMOTE REFRIGERATION LOCATED ON ROOF	1EA.	208	3	X	-	-	8	-	+8"	CONNECT TO DISCONNECT LOCATED ON REFRIGERATION RACK REFER TO FS3.1 REMOTE REFRIGERATION LOCATED ON BUILDING ROOF	
E14	24	WALK-IN REFRIGERATOR (COIL)	1EA.	120	1	X	-	-	1.8	-	+74"	CONNECT TO UNIT ELECTRICAL CONNECTION AT COIL INSIDE WALK-IN REFRIGERATOR.	
E15	24	WALK-IN REFRIGERATOR (BOX)	1EA.	120	1	X	-	-	4.0	-	+88"	(2) 39W LED CLG. MTD. LIGHT FIXTURES (1) 11.5W LED LIGHT FIXTURE AT DOOR. CONTRACTOR TO PROVIDE ALL INTERCONNECTIONS.	

- WALK-IN REFRIGERATION ELECTRICAL (MINIMUM REQUIREMENTS UNLESS NOTED OTHERWISE)**
- INTER WIRE THE TIME CLOCK ON THE CONDENSING UNIT TO THE DEFROST RELAY ON THE UNIT EVAPORATOR LOCATED IN THE FREEZER COMPARTMENT.
  - PROVIDE ALL CONDUIT AND WIRING NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM WITH ALL CONDUIT IN SO FAR AS POSSIBLE MOUNTED ON THE EXTERIOR CEILING OF THE WALK-IN ASSEMBLY. PENETRATIONS AND ESCUTCHEON PLATES SHALL BE FURNISHED AND INSTALLED. SEAL THE INSIDE OF CONDUITS WHICH PENETRATE THE CEILING OR WALL OF THE WALK-IN REFRIG. AND FREEZER.
- ELECTRICAL KEYNOTES:**
- INTERCONNECT REMOTE REFRIGERATION SYSTEM ITEM NO. 47 TO BLOWER COIL
  - INTERCONNECT TO HMI TOUCH SCREEN SEE FSS.2
  - PROVIDE INTERLOCK WIRING FROM FIRE PROTECTION SYSTEMS TO ELEC. SHUNT TRIP BREAKERS
  - PROVIDE EMPTY FLUSH MTD. OCTAGONAL BOX @ +48" AFF. W/ EMPTY CONDUIT TO +2" ABOVE CEILING.
  - ELECTRICAL CONTRACTOR TO PROVIDE J-BOX W/ EMPTY CONDUIT FROM +2" ABOVE CEILING IN WALL TO AMBIENT TEMPERATURE MONITOR AND HMI TOUCH SCREEN.
  - AMPS SHOWN ARE PER DECK. BOTTOM DECK CONNECTION @ 24" AFF TOP DECK @ 48" AFF. TWO CONNECTIONS IN TOTAL.

- ELECTRICAL CONNECTION ACCESS**
- WHERE ITEMS CONNECT TO UTILITY UNDER COUNTER, CONTRACTOR TO VERIFY THAT A GROMMET HOLE IS PROVIDED FOR NECESSARY ACCESS TO CONNECT EQUIPMENT TO UTILITY.

- EXHAUST HOOD ELECTRICAL NOTES**
- ELECTRICAL CONTRACTOR TO PROVIDE ALL HIGH/LOW VOLTAGE CONNECTIONS REQUIRED BY EXHAUST HOOD MANUFACTURER. SEE FOODSERVICE EXHAUST HOOD MANUFACTURER SHEETS FOR DETAILS.
  - ALL ELECTRICAL CONDUIT THAT IS PROVIDED BY E.C. TO BE RECESSED IN WALL (NO SURFACE MOUNT CONDUIT)
  - VERIFY ALL EXHAUST HOOD AND EXHAUST HOOD COMPONENTS ELECTRICAL REQUIREMENTS WITH MANUFACTURER DRAWINGS.

- ELECTRICAL NOTES**
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ROUGH-INS, FINAL CONNECTIONS AND INTER-CONNECTIONS TO THE FOOD SERVICE EQUIPMENT
  - CONNECTIONS SHOWN ARE FOR THE FOOD SERVICE EQUIPMENT ONLY. REFER TO ELECTRICAL DRAWINGS FOR CONVENIENCE OUTLETS AND ADDITIONAL REQUIREMENTS.
  - RECEPTACLES, JUNCTION/HANDY BOXES INDICATED AT WALLS SHALL BE CONCEALED IN THE WALL AND STUBBED OUT OF THE WALL AT THE HEIGHT INDICATED.
  - RECEPTACLES, JUNCTION/HANDY BOXES INDICATED AT WALLS SHALL BE CONCEALED IN THE WALL AT THE HEIGHT INDICATED.
  - VERTICAL DIMENSIONS ARE GIVEN FROM FINISHED FLOOR TO CENTER LINE OF ROUGH-IN LOCATION.
  - UTILITIES WHEREVER POSSIBLE SHALL BE BROUGHT IN FROM ABOVE
  - VERIFY THE UTILITY REQUIREMENTS OF OWNER FURNISHED AND/OR EXISTING EQUIPMENT.
  - THE ELECTRICAL CONTRACTOR SHALL FURNISH AND/OR INSTALL ALL JUNCTION/HANDY BOXES, EXTENSION RINGS, DISCONNECT SWITCHES AS SHOWN, CONVENIENCE OUTLETS WITH STAINLESS STEEL OVERS, SWITCHES, CONNECTORS, CONTROLS AND OTHER ACCESSORIES THAT ARE NOT AN INTEGRAL PART OF THE FOOD SERVICE EQUIPMENT AS REQUIRED TO MAKE FINAL CONNECTIONS TO THE EQUIPMENT FOR A COMPLETE AND OPERABLE OPERATION MEETING ALL APPLICABLE CODES AND ORDINANCES.
  - JUNCTION/HANDY BOXES, CONVENIENCE OUTLETS AND SPECIAL PURPOSE OUTLETS SHOWN IN FABRICATED WORK TABLES AND COUNTERS SHALL BE FURNISHED BY FABRICATOR. ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING & RECEPTACLES.

ELECTRICAL PLAN LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	J	JUNCTION BOX
CLG.	CEILING	▲	DATA OUTLET
CONN.	CONNECT	P	EMPTY OCTAGONAL BOX W/ CONDUIT TO +2" ABOVE CEILING BY E.C
E.C.	ELECTRICAL CONTRACTOR	⊙	VAPOR-PROOF LIGHT FIXTURE AT EXHAUST HOOD (PROVIDED BY F.S.E.C. INSTALLED BY E.C.)
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR	J	STUBBED-UP JUNCTION BOX
G.C.	GENERAL CONTRACTOR	⊖	STUBBED-UP CONVENIENCE OUTLET
P.R.P.	PRESSURE RELIEF PORT	⊖	STUBBED-UP SIMPLEX OUTLET
S.F.	STAINLESS STEEL FABRICATOR	▲	STUBBED-UP DATA OUTLET
M.C.	MECHANICAL CONTRACTOR	⌘	WALL MOUNTED SWITCH BY E.C
LOC.	LOCATE	⊙	ROOM TEMPERATURE SENSOR
E1	ELECTRICAL SCHEDULE REFERENCE. REFER TO FS3.1 FOR SCHEDULE		
1	SHEET AND/OR KEY NOTE		
⊖	DUPLEX CONVENIENCE OUTLET 115V/1Ø UNLESS OTHERWISE NOTED		
⊖	SIMPLEX OUTLET SEE SCHEDULE FOR VOLTAGE		
⊙	CEILING MOUNTED, VAPOR-PROOF LIGHT FIXTURE W/ JUNCTION BOX, 115V/1Ø UNLESS OTHERWISE NOTED (WALK-IN REFRIGERATOR)		



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PROJECT NAME:

KEY PLAN

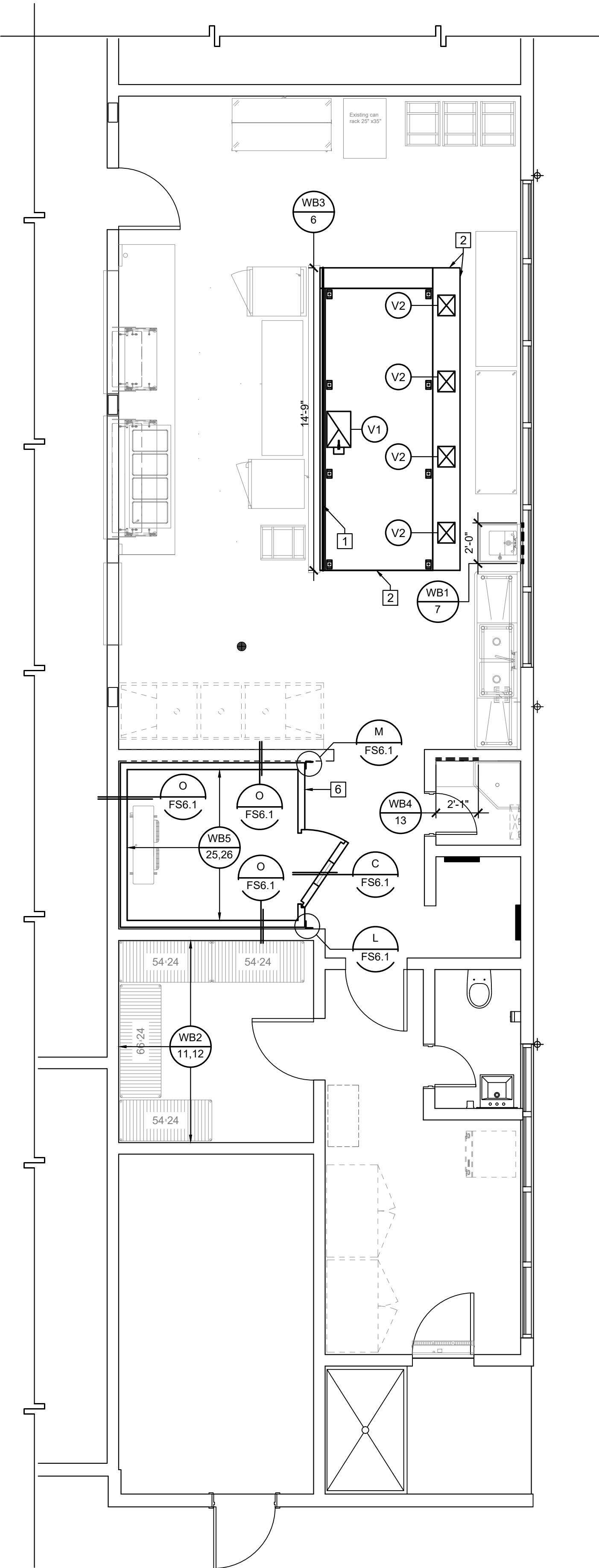
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**FOODSERVICE EQUIPMENT ELECTRICAL PLAN**

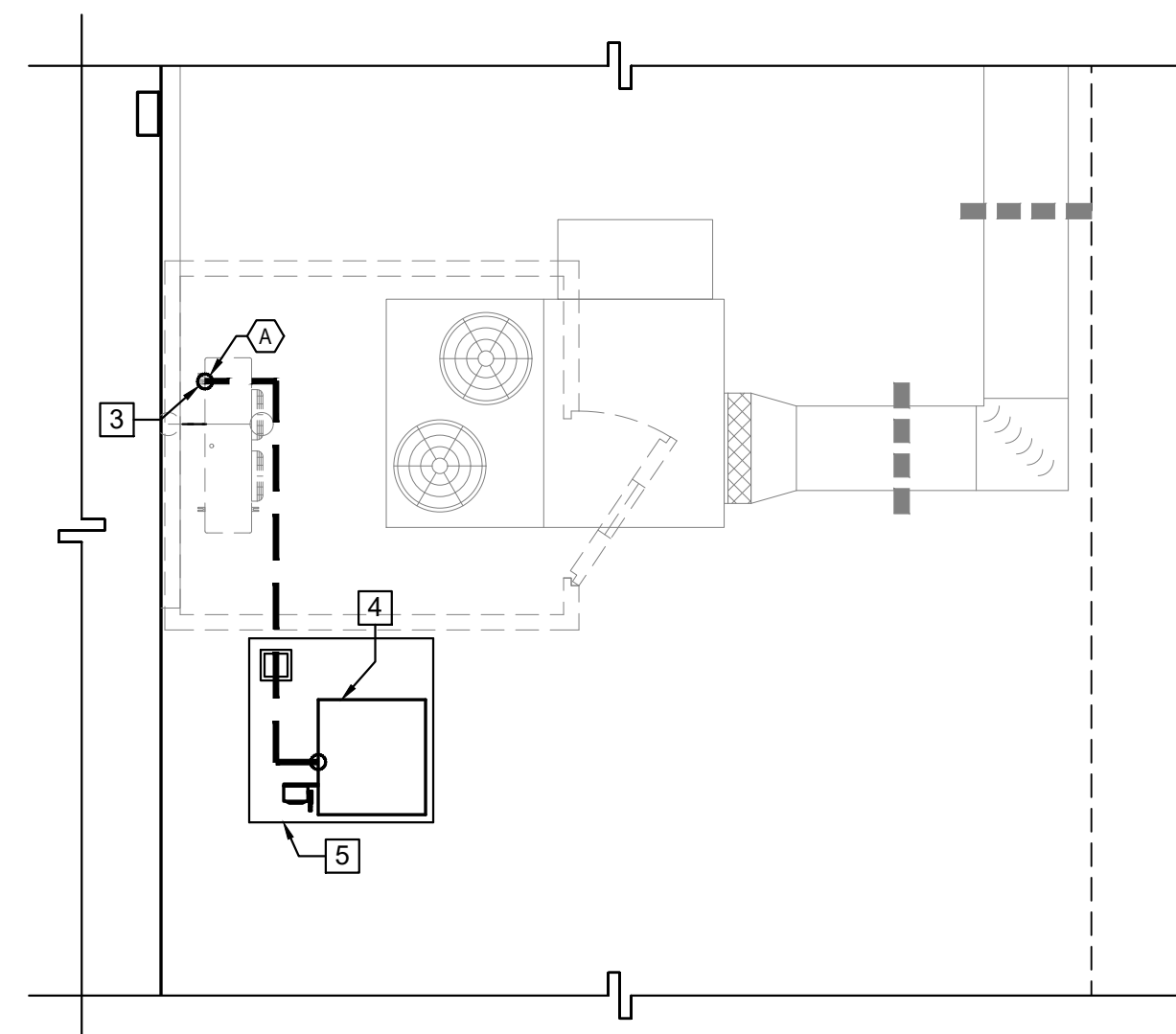
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**FS3.1**

DATE: REVISION:





**FOODSERVICE EQUIPMENT MECHANICAL PLAN** 1  
SCALE: 1/4" = 1'-0" FS4.1



**FOODSERVICE MECHANICAL ROOF PLAN** 2  
SCALE: 1/4" = 1'-0" FS4.1

VENTILATING REQUIREMENTS										
DUCT NO.	ITEM NO.	DESCRIPTION	ITEM QTY.	RISER SIZE			CFM	S.P.-WC"	OUTLET HEIGHT	REMARKS
				HEIGHT	WIDTH	LENG.				
V1	6	EXHAUST DUCT EXHAUST HOOD	1EA.	8"	21"	14"	2888	.63	108"	MAKE DUCT CONNECTION AT HOOD COLLAR REFER TO FS5.1 FOR EXHAUST HOOD DETAILS
V2	6	SUPPLY DUCT EXHAUST HOOD	4EA.	3"	12"	10"	577	.40	108"	MAKE DUCT CONNECTION AT HOOD COLLAR REFER TO FS5.1 FOR EXHAUST HOOD DETAILS

- COOKING EXHAUST HOOD NOTES**
- EACH AREA CONTAINING COOKING EXHAUST HOOD(S) WILL HAVE 80% MECHANICAL MAKE-UP AIR PROVIDED IN THE VOLUME OF THE AIR BEING EXHAUSTED.
  - MAKE-UP AIR SHALL BE DELIVERED IN THE PROXIMITY OF THE EXHAUST HOOD(S) IN A MANNER NOT TO CREATE UNDESIRABLE AIR TURBULENCE IN THE WORKING AREAS.
  - COOKING HOOD(S) EXHAUST AND MAKE-UP AIR SYSTEM(S) WILL BE CONNECTED BY AN ELECTRICAL INTER-LOCKING SWITCH.
  - MAKE-UP AIR INTAKE MUST CLEAR AIR EXHAUST DISCHARGE BY A MINIMUM OF TEN (10) FEET, OR AS REQUIRED BY CODE(S).
  - LOCATION OF COOKING HOOD EXHAUST DUCT(S) AND MAKE-UP AIR SYSTEM DUCT(S) ARE TO BE VERIFIED AT THE JOB SITE.
  - IF REQUIRED BY LOCAL CODE(S), MAKE-UP AIR SYSTEM(S) SHALL BE CAPABLE OF DELIVERING TEMPERED AIR AT 70 DEGREES F.
  - CONNECTING DUCTS FROM THE EXHAUST VENTILATORS TO THE EXHAUST AND/OR MAKE-UP AIR FANS SHALL BE SUPPLIED AND INSTALLED WITH ALL FINAL CONNECTIONS.
  - PERFORMANCE TESTING FOR THE OPERATION OF THE TYPE 1 EXHAUST HOOD PER C.M.C. IS REQUIRED.
  - EXTRACTOR HOODS SHALL COMPLY TO THE C.M.C 2022, NFPA-2020, U.L., N.S.F., AND ALL LOCAL CODES AN ORDINANCES.

- WALL BACKING NOTES**
- WALL BACKING TO BE 16 GAUGE GALV. STEEL IN LENGTH AND HEIGHT AS SHOWN ON DRAWINGS.
  - ALL WALL BACKING TO BE IN FURNISHED AND INSTALLED BY CONTRACTOR
  - FOOD SERVICE EQUIPMENT CONTRACTOR IS TO FURNISH CONTRACTOR WITH DETAILED DRAWINGS SHOWING ALL WALL BACKING LOCATION AND SIZE.
  - WALL BACKING AS SHOWN IS MINIMUM, EXTEND BACKING TO NEXT STUD EACH DIRECTION AS NECESSARY

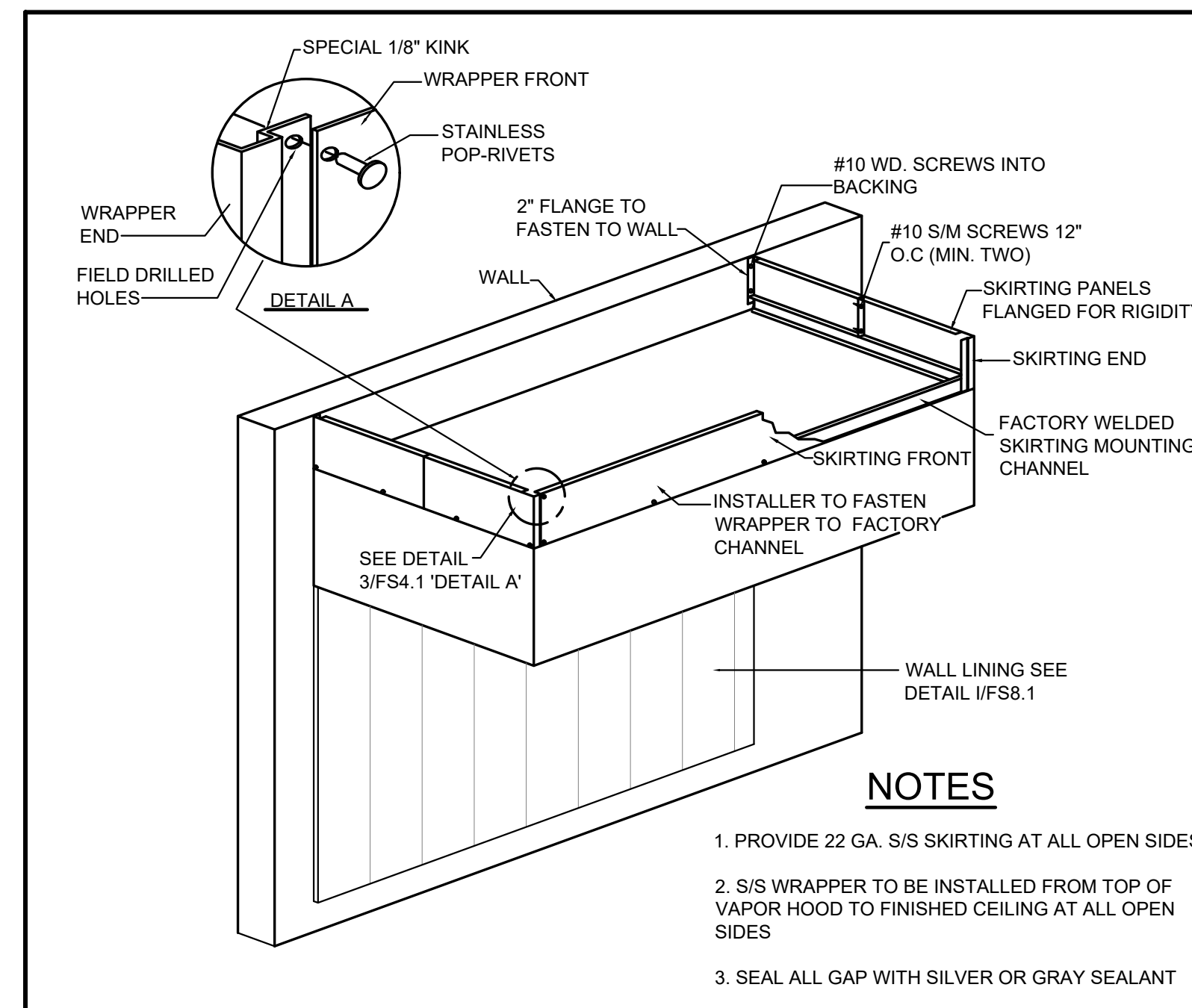
- REFRIGERATION LINE NOTES**
- CONTRACTOR TO VERIFY REMOTE REFRIGERATION LINE RUN LENGTH IF LINES EXCEED 150FT THEN OIL SEPARATORS TO BE ADDED PER MANUFACTURER RECOMMENDATIONS

**WALL BACKING SCHEDULE**

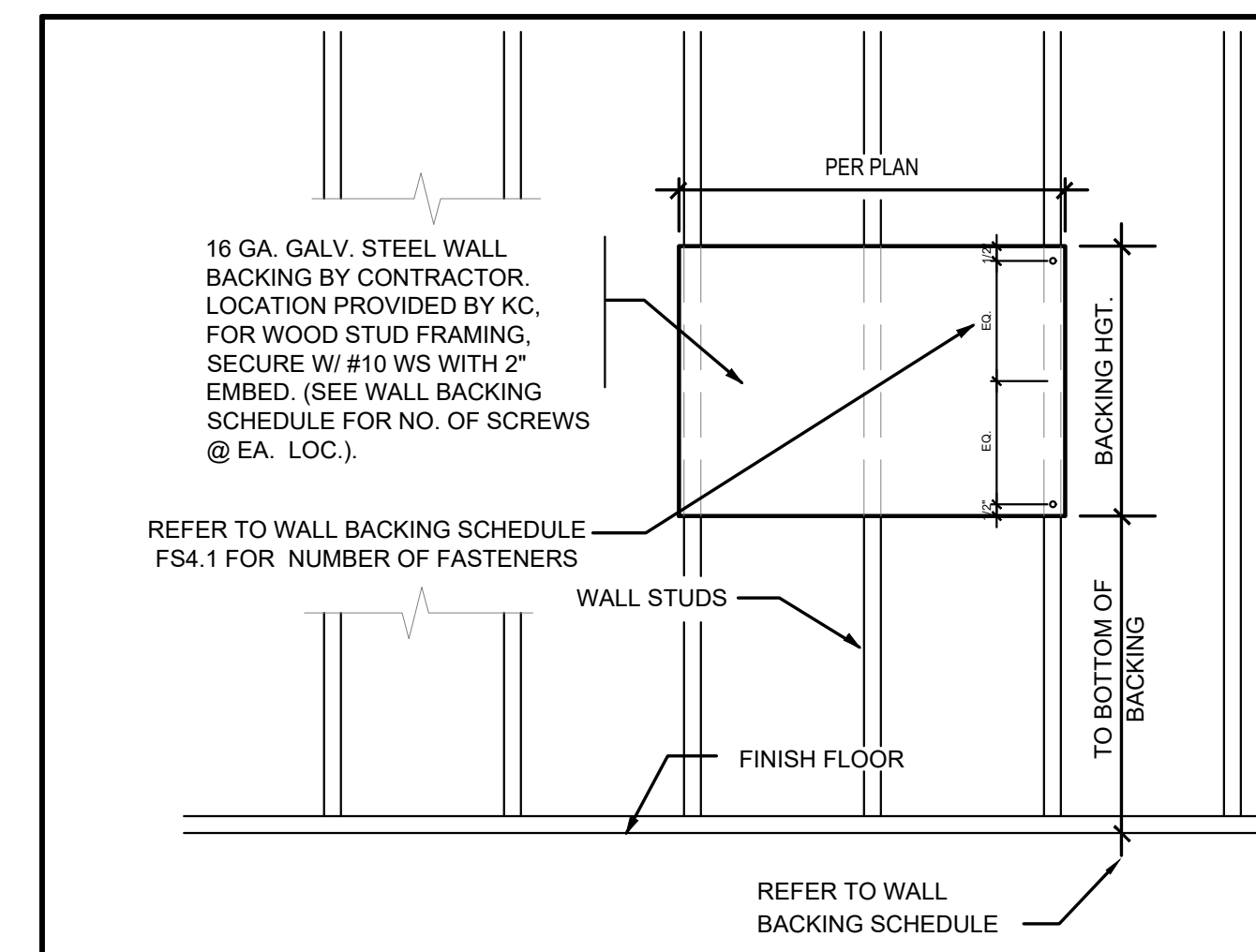
	APPLICATION	BOTTOM OF BACKING	BACKING HGT.	FASTENERS PER STUD	ANCHORAGE DETAIL
WB7	HAND SINK	+16" AFF	26" HIGH	4	B/FS8.2
WB2 (11,12)	DRY STO. SHELVING	+69" AFF	12" HIGH	2	D/FS8.2
WB3 (6)	WALL LINING	+76" AFF +83" AFF +89" AFF +95" AFF	4" HIGH	2	I/FS8.1
WB4 (13)	WALL MTD. CABINET	+60" AFF	20" HIGH	3	H/FS8.1
WB5 (25,26)	COLD STO. SHELVING	+69" AFF +16" AFF	12" HIGH	2 PER POST BRACKET	E/FS8.2

**NOTES:**

- BACKING TO BE 16 GA. G.I. OR C.R.S.
- REFER TO 1/FS4.1 FOR WALL BACKING LOCATIONS
- DRY STO. SHELVING, FASTEN SHELVING TO BACKING WITH #14 SMS.



**CLOSURE SKIRTING AT HOOD** 3  
SCALE: NONE FS4.1



**WALL BACKING DETAIL** 4  
SCALE: NONE FS4.1

- MECHANICAL SHEET NOTES**
- 18 GA. STAINLESS STEEL WALL LINING PANELS (MINIMUM WIDTH TO BE 36") WITH 1" MINERAL WOOL BLANKET AND WIRE MESH BACKING OR CERAMIC FIBER BLANKET AND WIRE MESH BACKING SPACES OUT 1" ON NON-COMBUSTIBLE SPACERS WALL LINING TO MEET THE REQUIREMENTS OF NFPA-96 AND LOCAL CODES. WALL LINING SHALL BE FABRICATED WITH VERTICAL FLUTES EVERY 6" AS SHOWN, AND THE WIDTH OF THE EXHAUST HOOD INCLUDING FIRE SYSTEM CABINET
  - PROVIDE STAINLESS STEEL CLOSURE SKIRTING, REFER TO 3/FS4.1
  - REFRIGERATION LINES STUB-DOWN FROM ABOVE, PENETRATE CEILING OF WALK-IN TO EVAP COIL. SEE DETAIL E/FS8.2
  - REMOTE REFRIGERATION SYSTEM REFER TO A/FS7.1
  - REMOTE REFRIGERATION SYSTEM PLATFORM REFER C/FS7.1
  - PROVIDE STAINLESS STEEL CLOUSER SKIRTING REFER TO DETAIL E/FS8.1

**FOODSERVICE MECHANICAL LEGEND**

ABREV./SYMB	DESCRIPTION	ABREV./SYMB	DESCRIPTION
F.S.E.C	FOODSERVICE EQUIPMENT CONTRACTOR	VB	VENTILATING SCHEDULE REFERENCE REFER TO FS4.1 FOR SCHEDULE
M.C.	MECHANICAL CONTRACTOR	1	KEYNOTE SYMBOL (SEE SHEET NOTES FS4.1)
S.F.	STAINLESS STEEL FABRICATOR	#	TYPE
G.C.	GENERAL CONTRACTOR	#	ITEM
E.C.	ELECTRICAL CONTRACTOR	A	BLOCKING TYPE REFER TO FS4.1
CFM	CUBIC FEET PER MINUTE		
SP	STATIC PRESSURE		
	REMOTE COMPRESSOR (ON REFRIGERATION RACK)		REFRIGERATION SYSTEM (SEE SCHEDULE ON SHEETS FS7.1 & FS7.2)
	INSULATED S/S WALL LINING 1/FS4.1 FOR LOC.		EXHAUST DUCT CONNECTION
	WALL BACKING		
	REFRIGERATION LINE (RUN FROM REFRIGERATION RACK)		SUPPLY DUCT CONNECTION

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**AMD**  
FOODSERVICE DESIGN

PROJECT NAME:

KEY PLAN:

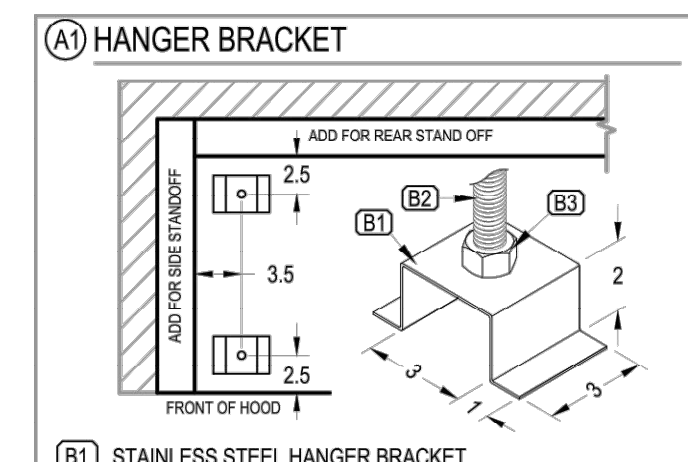
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**FOODSERVICE EQUIPMENT MECHANICAL PLAN**

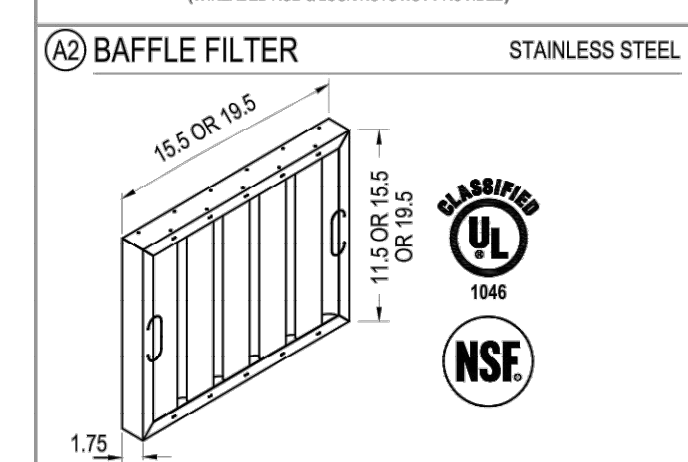
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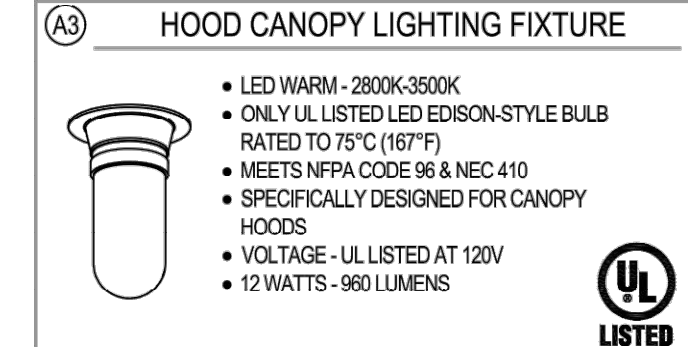


- (A1) STAINLESS STEEL HANGER BRACKET
- (B2) 3/4" HEAVY DUTY LOCK NUTS, (1) ABOVE (1) BELOW (HEAVY DUTY LOCK NUTS NOT PROVIDED)

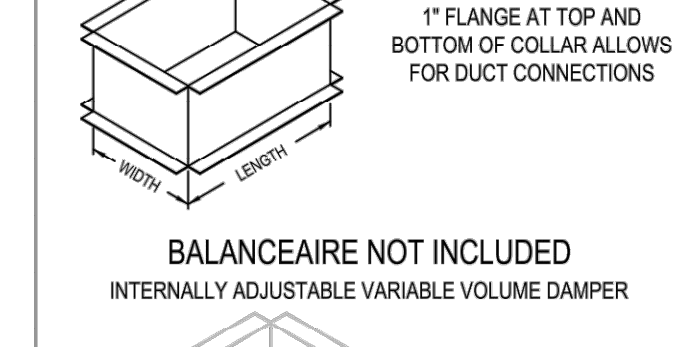
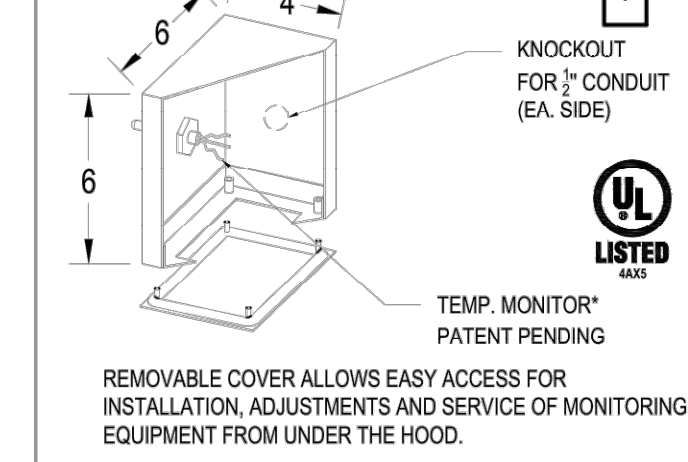


FILTER	#	QTY	AREA	QTY	AREA
1616 1.36 X 0	0	0	0.00		
1620 1.75 X 8	8	14.00			
TOTAL EFF AREA = 14.00					

HOOD EX. CFM = TOTAL EFF AREA = FPM  
OPERATING RANGE OF THE FILTER (200 TO 400 FPM)

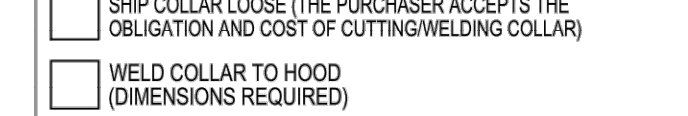
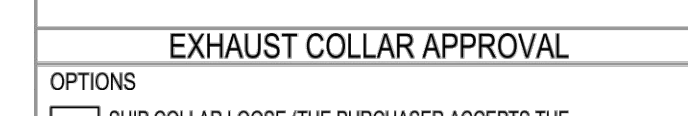


- (A4) LISTED ENCLOSURE W/ TEMP. MONITOR



**NO DAMPERS**

THE BALANCEAIRS ADJUSTABLE BLADES CAN BE ADJUSTED TO VARYING POSITIONS FROM 100% OPEN TO 95% CLOSED TO INCREASE OR DECREASE THE AMOUNT OF RESISTANCE IN THE HOOD EXHAUST COLLAR. THE EXHAUST FAN MUST BE SIZED TO ACCOUNT FOR THE BALANCEAIRS ADDED RESISTANCE.



**VERIFY THE FOLLOWING:**

- ALL DIMENSIONAL INFORMATION, MOUNTING LOCATIONS & CLEARANCES.
- THE LOCATION & TYPE OF COOKING EQUIPMENT.

**APPROVED FOR FABRICATION**

APPROVED AS NOTED

REVISION & RESUBMIT

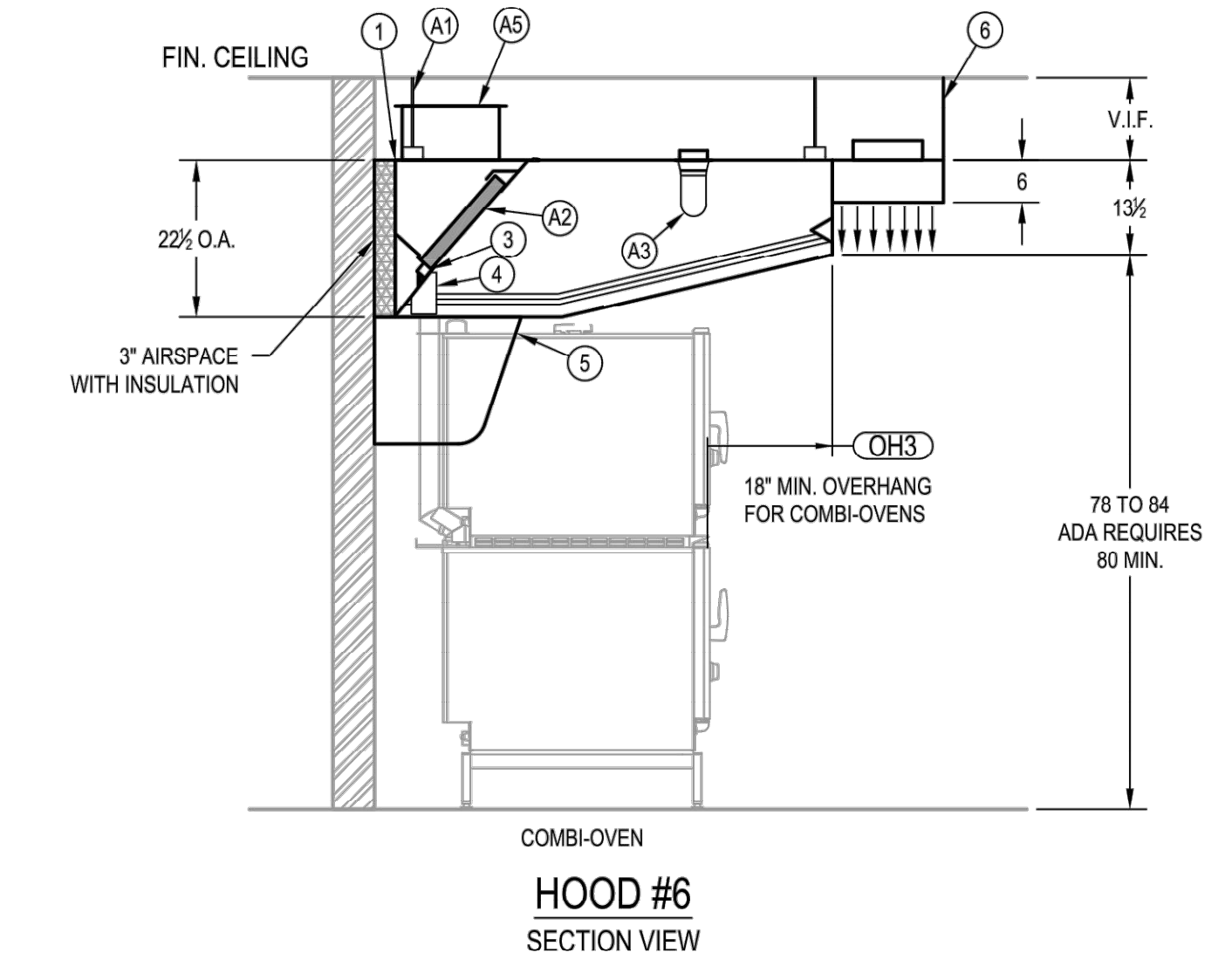
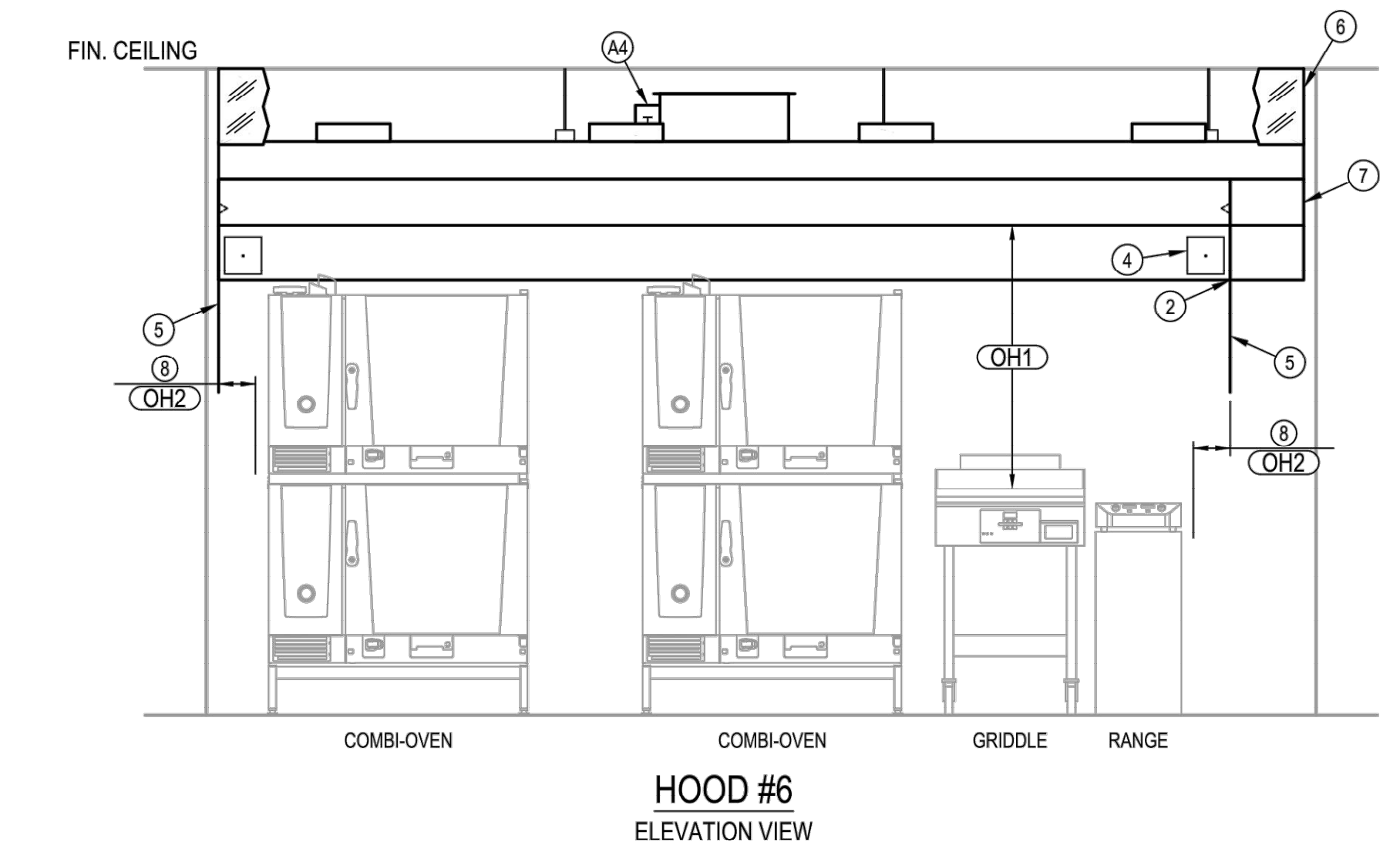
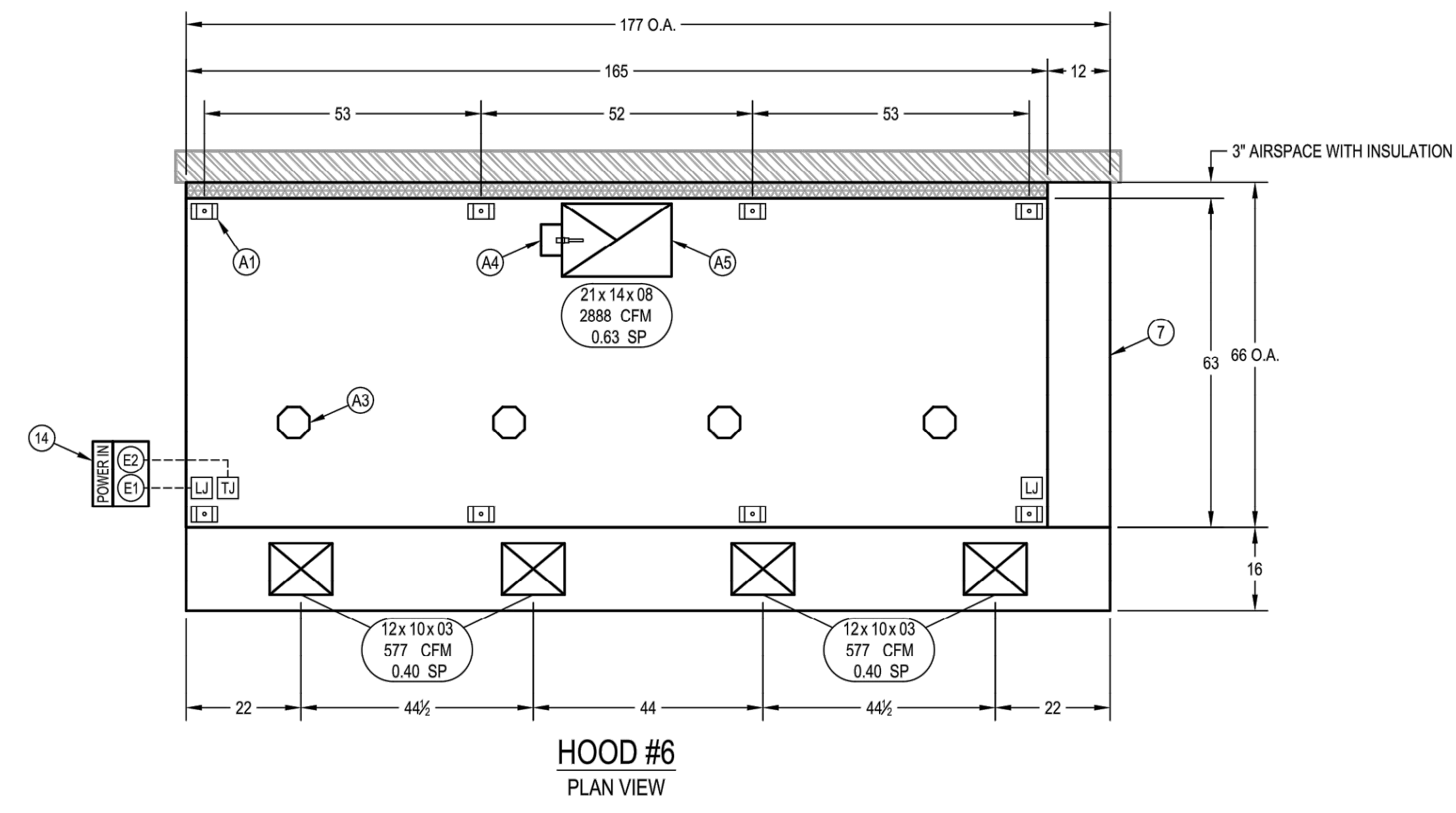
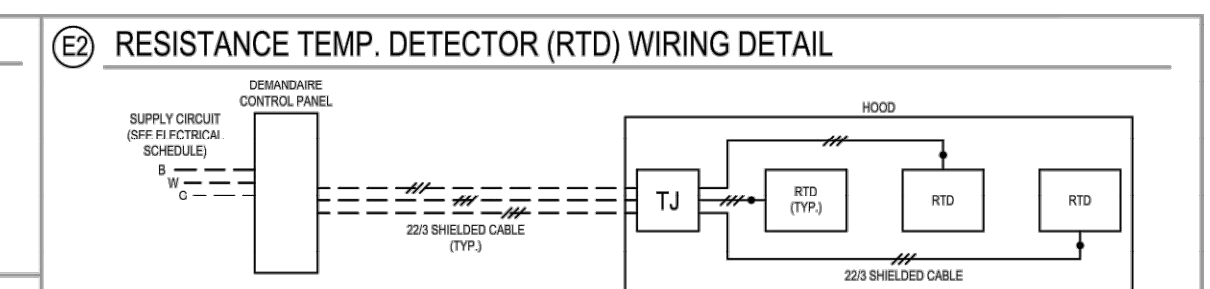
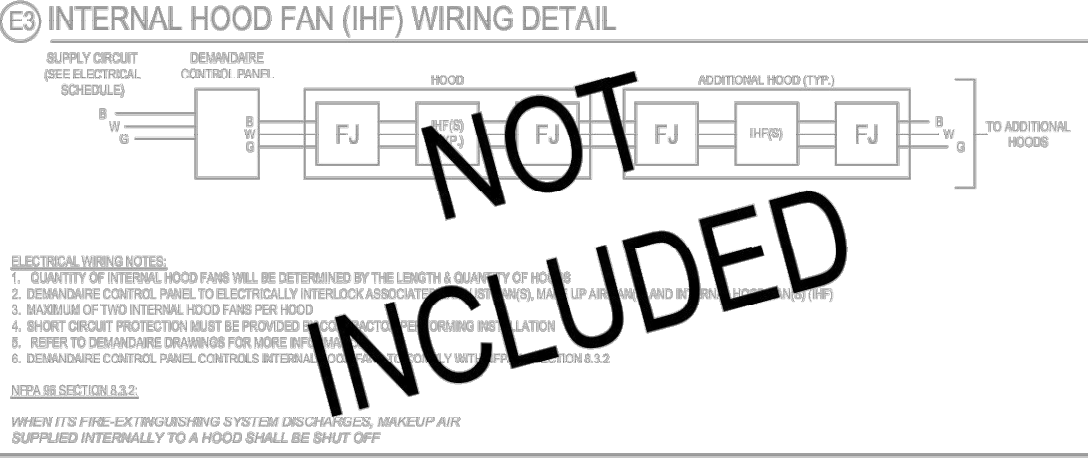
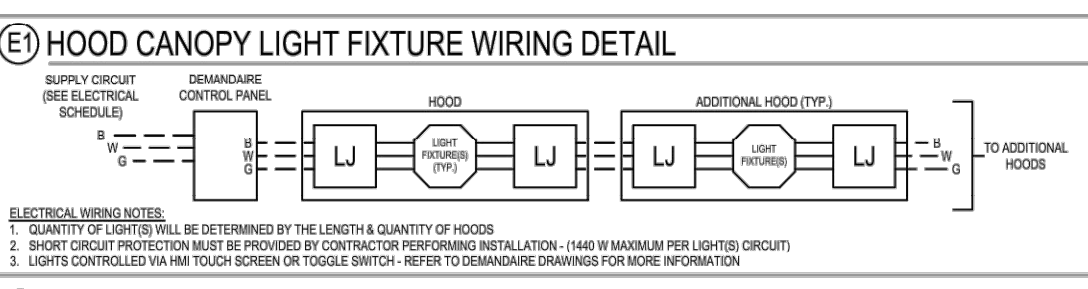
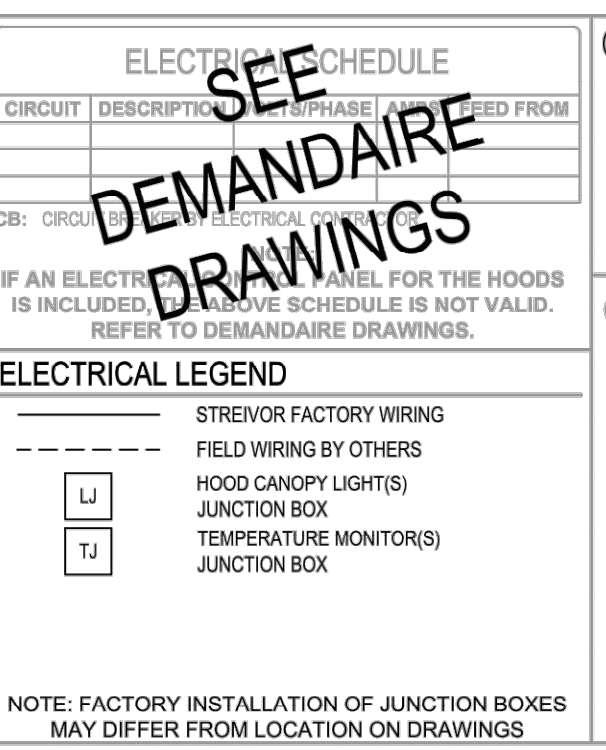
APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

**NOTE TO REVIEWER:**

ANY CHANGES IN COOKING EQUIPMENT SUCH AS EQUIPMENT POSITION, TYPE AND/OR INCREASE IN ENERGY OUTPUT MAY AFFECT EXHAUST AIRFLOW. STREIVOR AIR SYSTEMS MUST BE NOTIFIED OF ANY CHANGES THAT OCCUR PRIOR TO FABRICATION. A REENGINEERING OF THE EXHAUST AIRFLOW MAY BE REQUIRED.

HOOD SCHEDULE				EXHAUST				ELECTRICAL SCHEDULE					
NO.	MODEL	L	W	H	WEIGHT	SPEC. CFM	SP	CFM/FT	MIN.	MAX.	SIDE	FRONT	MAX.
6	WCLC 1656322.5	165	63	22.5	1542	2888	0.63	210	36	48	6	6	450

- HOOD CANOPY MATERIAL: ALL 304 SERIES STAINLESS STEEL
- HOOD LEGEND**
- (1) ALL WELDED ENCLOSURE
  - (2) 18 GA. SIDES, REMAINDER OF HOOD TO BE NO LESS THAN 18 GA.
  - (3) PITCHED GREASE DRIP TRAY
  - (4) ENCLOSED METAL CONTAINER
  - (5) CONTAINMENT PANEL LIGHT DUTY
  - (6) ENCLOSURE PANEL
  - (7) UTILITY CABINET (REQUIRES 3" OF OPEN SPACE IN FRONT OF THE DOOR)
  - (8) 12" HOOD OVERHANG IS RECOMMENDED FOR ALL HEAVY DUTY COOKING APPLIANCES
- (14) SEE ELECTRICAL SCHEDULE - CONSULT FACTORY FOR ALTERNATE INPUT POWER LOCATION(S)



**GENERAL NOTES:**

NOTES TO ARCHITECT AND/OR CONTRACTOR: STREIVOR, INC. (STREIVOR) AIR SYSTEMS, STREIVOR STAINLESS IS A SPECIALIST IN THE LAYOUT AND DESIGN OF KITCHEN VENTILATION SYSTEMS AND IN NO WAY PURPORTS TO BE ARCHITECTS OR ENGINEERS.

THIS PLAN IS SUBMITTED FOR THE CONVENIENCE OF THE ARCHITECT AND/OR CONTRACTOR AND IS DONE FROM AVAILABLE ARCHITECTURAL INFORMATION. ALL MEASUREMENTS ARE SUBJECT TO PHYSICAL VERIFICATION AND ANY DEVIATIONS OR DISCREPANCIES SHALL BE DIRECTED TO THE ATTENTION OF STREIVOR, INC. IN WRITING.

STREIVOR, INC. ACCEPTS NO RESPONSIBILITY FOR WORK DONE BY SAID ARCHITECT OR GENERAL CONTRACTOR OR THEIR REPRESENTATIVES OR SUBCONTRACTORS, AND WILL NOT STAND ANY EXPENSE FOR CHANGES MADE NECESSARY DUE TO LOCAL BUILDING CODES, ORDINANCES, STRUCTURAL CONDITIONS, OR BY ANY SUBSTITUTIONS OR CHANGES IN EQUIPMENT SHOWN ON THIS PLAN.

ANY ERRORS, AMBIGUITIES OR OMISSIONS IN THIS PLAN OR SPECIFICATIONS SHALL BE REPORTED TO STREIVOR, INC. FOR CORRECTIONS BEFORE ANY OF THE WORK IS STARTED. UNLESS EXPRESSLY STIPULATED, NO ADDITIONAL ALLOWANCE WILL BE MADE IN FAVOR OF THE OWNER OR CONTRACTOR, BY VIRTUE OF ERROR, AMBIGUITY OR OMISSION WHICH SHOULD HAVE BEEN DISCOVERED DURING THE PREPARATION OF BID ESTIMATES, AND DIRECTED TO THE ATTENTION OF STREIVOR, INC. IN A TIMELY MANNER.

**PRE - INSTALLATION**

OBTAIN, READ AND UNDERSTAND STREIVOR'S HOOD INSTALLATION, OPERATION AND MAINTENANCE MANUAL PRIOR TO INSTALLATION, STARTUP OR BALANCING.

**INSTALLATION**

ALL INSTALLATION, STARTUP AND BALANCING MUST BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH ALL APPLICABLE PREVAILING CODES AND STANDARDS:

- STANDARD NFPA 96 HOOD CLEARANCES
- 3" TO NON-COMBUSTIBLE MATERIALS
- 18" TO COMBUSTIBLE MATERIAL
- OVERHEAD CLEARANCES
- 10" CLEARANCE IS REQUIRED ABOVE THE HOOD
- REDUCED CLEARANCES MAY BE AVAILABLE. CONSULT FACTORY FOR REDUCED CLEARANCE OPTIONS.

**TEST AND BALANCE**

THE SPECIFIED EXHAUST CFMS LISTED ON THIS DRAWING MUST BE MET DURING TEST AND BALANCE OF THE HOOD SYSTEM(S).

VARIANCE EXHAUST = -0% -15%  
VARIANCE SUPPLY = +10% -20%

**STREIVOR™ AIR SYSTEMS**

**"STRIVING FOR EXCELLENCE"**

2150 KITTY HAWK ROAD, LIVERMORE, CA 94551  
PHONE: (925) 960-9090 FAX: (925) 960-9055  
WWW.STREIVOR.COM

PROJECT: ALICE ES

AMD FOODSERVICE DESIGN

HOOD #	6
DATE	12/19/2023
DRAWN BY	TN
CHECKED BY	KCS
CONSULTANT	AMD FOODSERVICE DESIGN
SCALE	1/2" = 1'-0"

IF ANY DOES NOT APPLY TO THIS DRAWING, PLEASE CHECK TO BE SURE

DESCRIPTION	DATE	INT

DRAWING: **H-01**

SHEET 01 OF 01

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**California DESIGN WEST**

CALIFORNIA DESIGN WEST ARCHITECTS, INC.

2100 19th Street  
Sacramento, CA 95818

Phone: (916) 446-2466  
Fax: (916) 446-5118  
Web Page: ca-dw.com

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ARCHITECT CONSULTANT:

CONSULTANT:

**AMD**  
FOODSERVICE DESIGN

PROJECT NAME:

KEY PLAN:

SHEET TITLE:

**FOODSERVICE EXHAUST HOOD DETAILS**

JOB NUMBER:	SHEET NUMBER:
DATE:	<b>FS.5.1</b>
REVISION:	



**LISTINGS & STANDARDS**

THIS WET CHEMICAL EXTINGUISHING SYSTEM IS ENGINEERED TO PROVIDE FIRE PROTECTION FOR RESTAURANT HOODS, DUCTS AND COOKING APPLIANCES. IT IS LISTED AND IS TO BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

- NFPA 17A 2017 EDITION
- NFPA 10 2018 EDITION
- NFPA 96 2017 EDITION



**SECTIONS & CODES**

- NFPA 96 2017 EDITION**
  - (8.1.2) MAXIMUM TRAVEL DISTANCE SHALL NOT EXCEED 30 FT (9.1 M) FROM THE HAZARD TO THE EXTINGUISHING SYSTEM.
  - (8.1.3.1) EACH MANUAL ACTUATION DEVICE SHALL BE INSTALLED NO MORE THAN 48 IN (1200 MM) AND NO LESS THAN 42 IN (1067 MM) ABOVE THE FLOOR.
  - (8.2.3.1) A HOOD EXHAUST FAN SHALL CONTINUE TO OPERATE AFTER THE EXTINGUISHING SYSTEM HAS BEEN ACTIVATED UNLESS FAN SHUTDOWN IS REQUIRED BY A LISTED COMPONENT OF THE VENTILATION SYSTEM OR BY THE DESIGN OF THE EXTINGUISHING SYSTEM.
  - (8.2.3.2) THE HOOD EXHAUST FAN SHALL START UPON ACTIVATION OF THE EXTINGUISHING SYSTEM IF THE EXHAUST FAN AND ALL COOKING EQUIPMENT SERVED BY THE FAN HAVE BEEN SHUT DOWN OR BY THE LISTING OF THE EXTINGUISHING SYSTEM.
  - (8.3.2) WHEN THE FIRE EXTINGUISHING SYSTEM ACTIVATES, MAKEUP AIR SUPPLIED INTERNALLY TO A HOOD SHALL BE SHUT OFF.
  - (10.4.1) UPON ACTIVATION OF ANY FIRE EXTINGUISHING SYSTEM FOR A COOKING OPERATION, ALL SOURCES OF FUEL AND ELECTRICAL POWER THAT PRODUCE HEAT TO ALL EQUIPMENT REQUIRING PROTECTION BY THAT SYSTEM SHALL AUTOMATICALLY SHUT OFF.
  - (10.4.3) ANY GAS APPLIANCE NOT REQUIRING PROTECTION BUT LOCATED UNDER VENTILATING EQUIPMENT WHERE PROTECTED APPLIANCES ARE LOCATED SHALL BE AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE EXTINGUISHING SYSTEM.
  - (10.4.4) SHUT OFF DEVICE SHALL REQUIRE MANUAL RESET.
  - (10.5.1.1) AT LEAST ONE MANUAL ACTUATION DEVICE SHALL BE LOCATED IN A MEANS OF EGRESS OR AT A LOCATION ACCEPTABLE TO THE A.H.J.
  - (10.5.1.2) THE MANUAL ACTUATION DEVICE SHALL CLEARLY IDENTIFY THE HAZARD PROTECTED.
- IBC 2018 EDITION**
  - (911.6) MANUAL ACTUATION SHALL BE ACCESSIBLE IN THE EVENT OF A FIRE, NOT LESS THAN ONE MANUAL ACTUATION DEVICE SHALL BE LOCATED NOT LESS THAN 10 FEET (3048 MM) AND NOT MORE THAN 20 FEET (6096 MM) FROM THE PROTECTED EXHAUST SYSTEMS. (IBC 2018, 904.12.1)

**INSTALLATION REQUIREMENTS**

- ALL PIPE SHALL BE SCHEDULE 40 BLACK IRON CHROME PLATED/BEVELED WHERE EXPOSED.
- ALL CYLINDER SYSTEMS SHALL HAVE 3/8" SUPPLY LINES AND 1/2" BRANCH LINES.
- ALL WIRE ROPE SHALL BE 1/8" STAINLESS STEEL AND RUN THROUGH 1/2" EMT CONDUIT.
- ALL LISTED CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ALL EQUIPMENT WITH FIRE PROTECTION MUST BE SECURED TO FLOOR (NOT BY STREVDOR).
- SWIVEL ADAPTERS MAY BE USED TO ADJUST FOR UP TO 10° ROTATION.

**SYSTEM #1**

PAGE NUMBERS REFERENCED FROM THE ANSUL B-102 FIRE SUPPRESSION SYSTEM TECHNICAL MANUAL.

CABLE/LINE LIMITATIONS	LENGTH	PULLEYS	BRACKETS
FUSIBLE LINK (pg. 4-71)	150.00 FT	20	15
PULL STATION(S) (pg. 4-73)	20.00 FT	2	N/A
GAS VALVE(S) (pg. 4-14)	150.00 FT	20	N/A
GAS CARTRIDGE(S) (pg. 4-51)	1.33-2.0	--	--

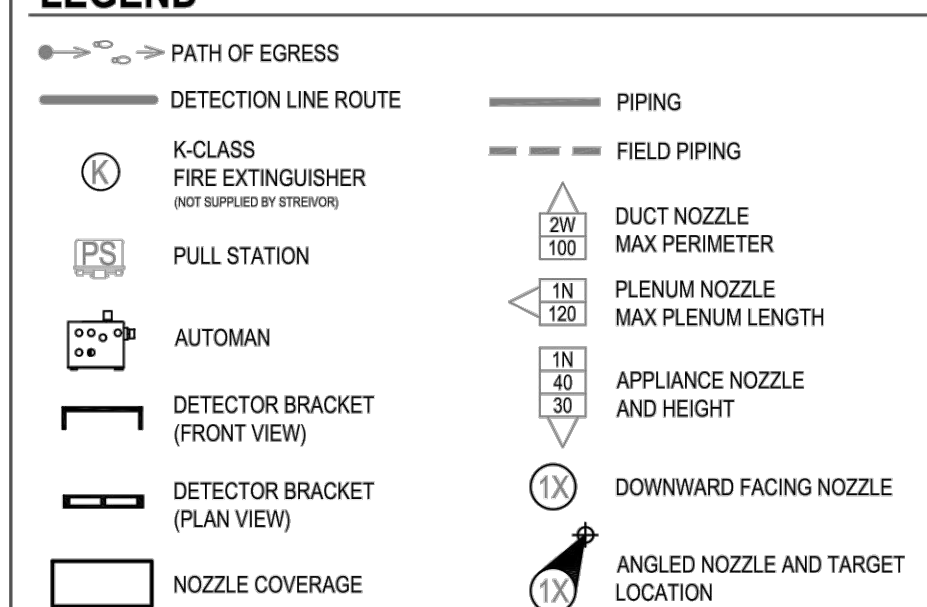
**CYLINDER #1**

ZONE COVERAGE	COVER DESCRIPTION	NOZZLE	QTY.	FLOW POINTS	PAGE
<input type="checkbox"/>	DUCT	2W	1	2	4-1
<input type="checkbox"/>	PLENUM	1N	2	2	4-5
<input type="checkbox"/>	RANGE	1F	2	2	4-17
<input type="checkbox"/>	GRIDDLE	2B0	1	2	4-19
<b>TOTAL FLOW POINTS</b>					<b>8</b>

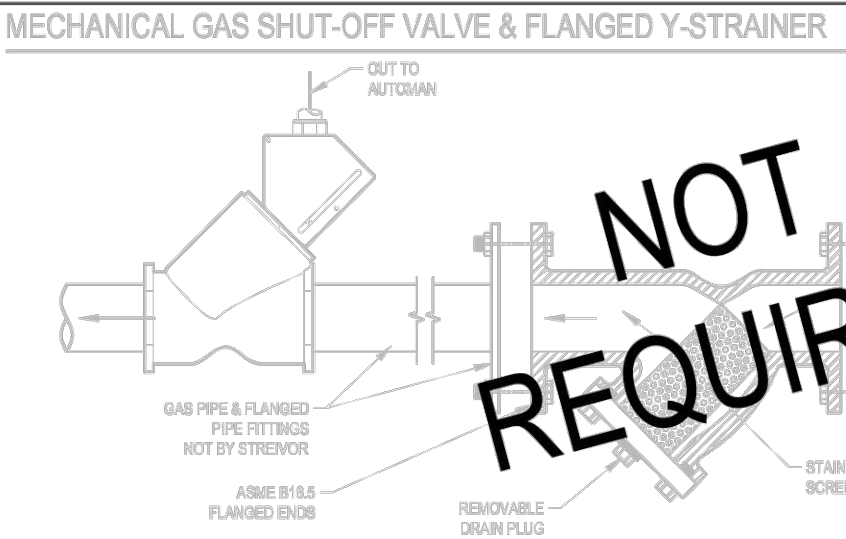
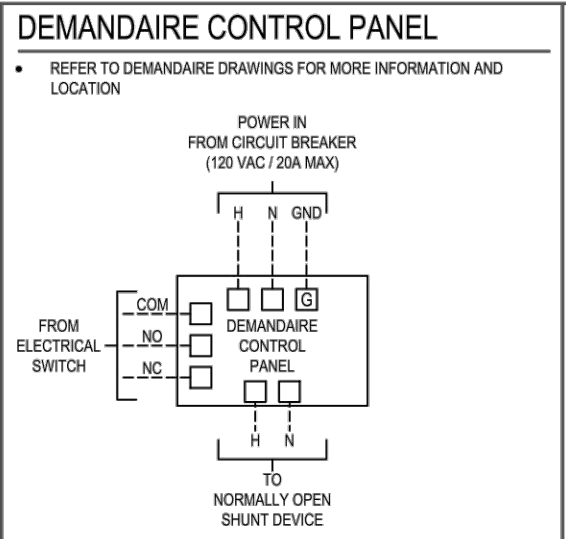
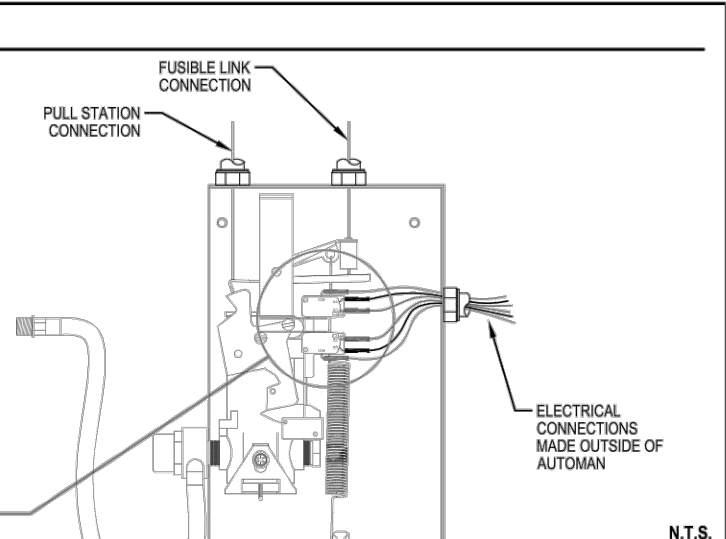
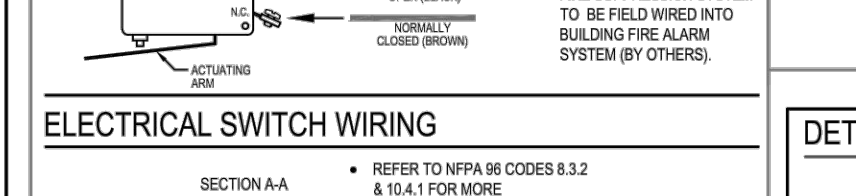
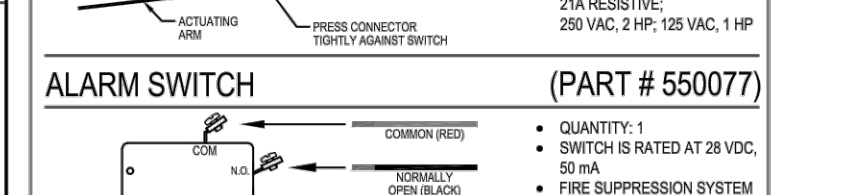
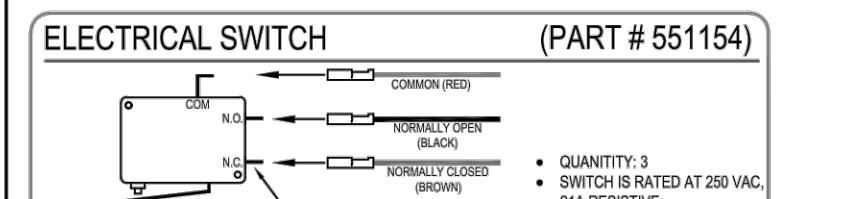
**PPING LIMITATIONS**

CYLINDER	FLOW POINTS	SUPPLY	DUCT	PLENUM	EQUIP.	FIRST TO LAST
3 GAL.	MAXIMUM	11	40 FT	8 FT	4 FT	12 FT 24 FT
	ALLOTTED	8	13 FT	4 FT	1 FT	3 FT 11 FT

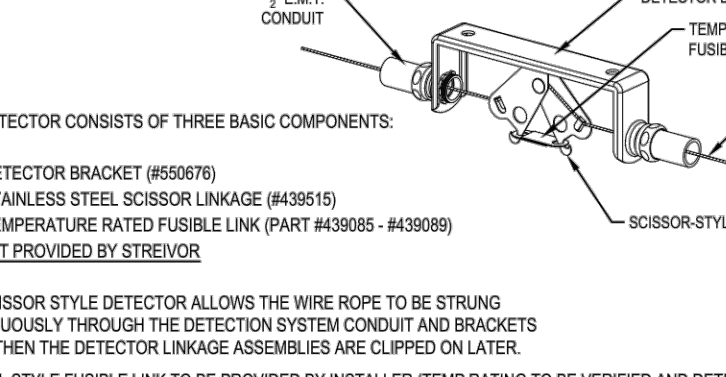
**LEGEND**



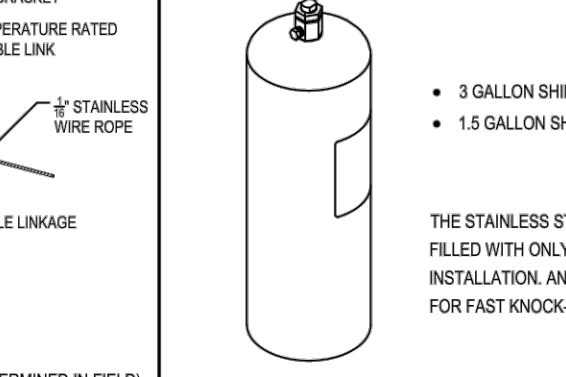
**MECHANICAL AUTOMAN (PART #79493) & ELECTRICAL WIRING**



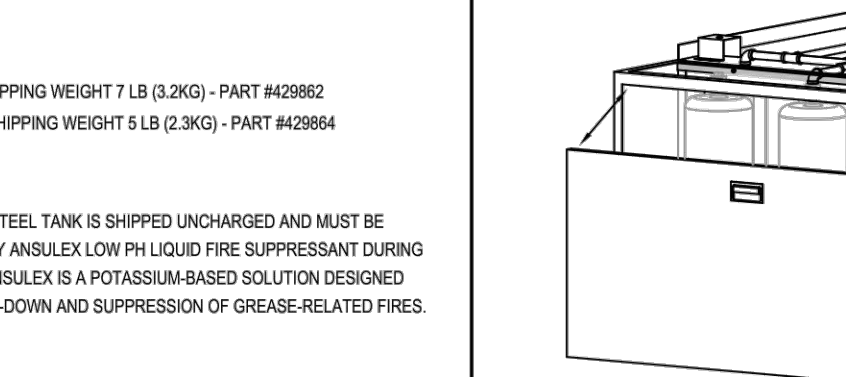
**DETECTORS** (Series #435546 | Terminal #435547)



**AGENT TANK DETAIL**



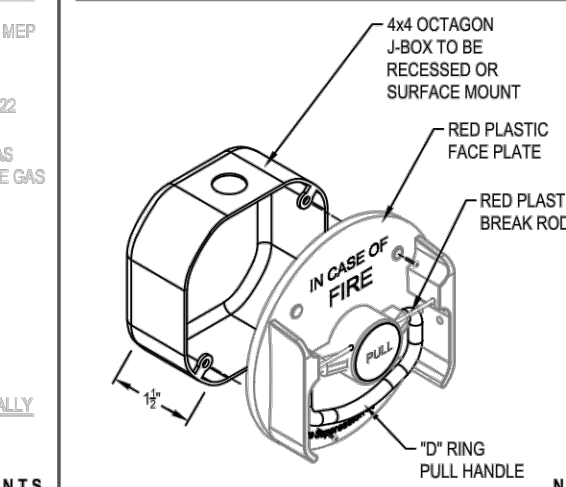
**FIRE SUPPRESSION SYSTEM CABINET & REMOTE MOUNTED INSTALLATION**



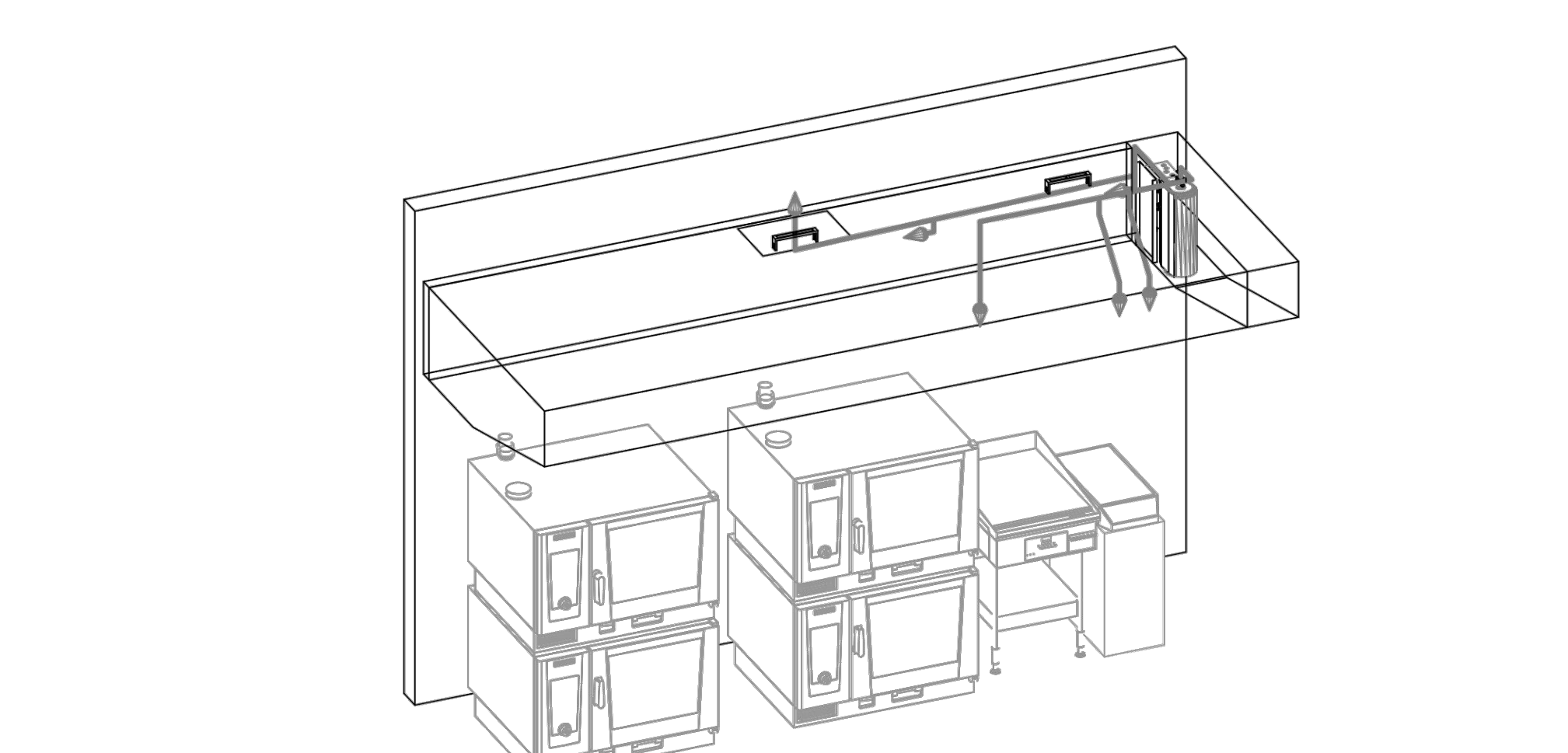
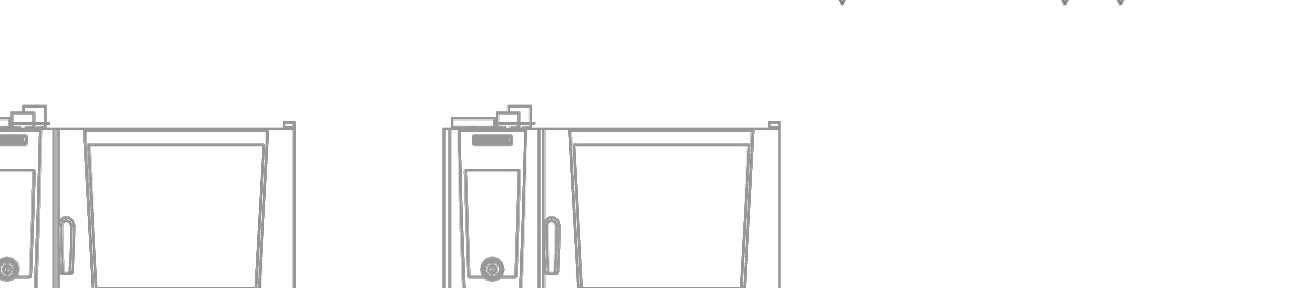
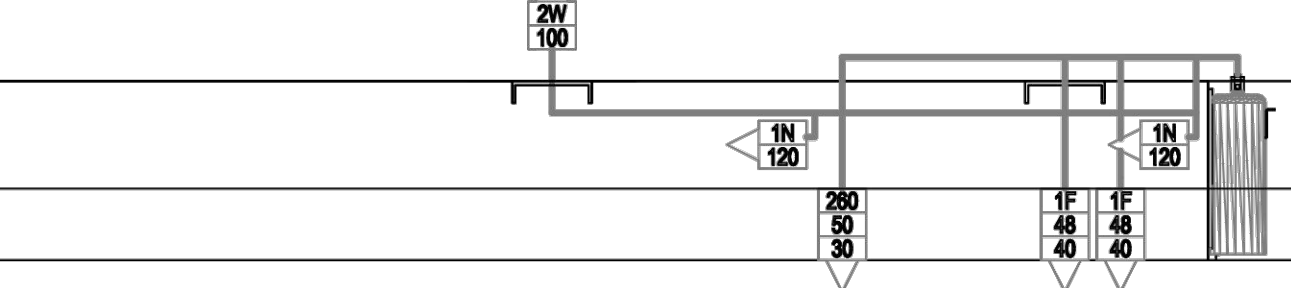
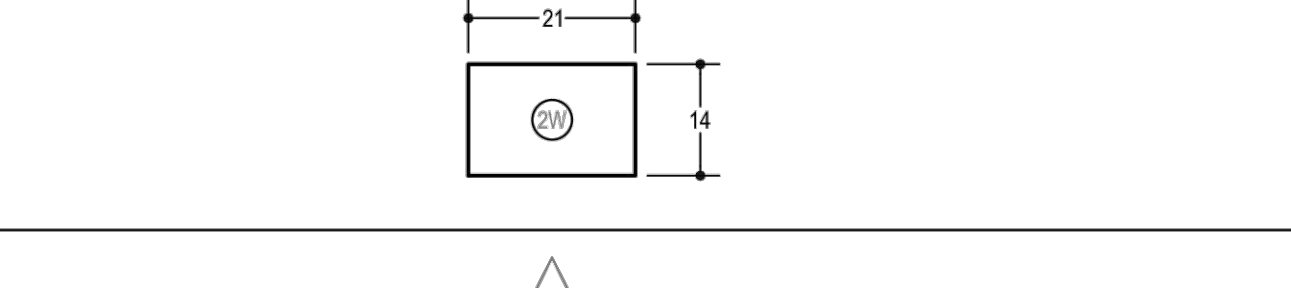
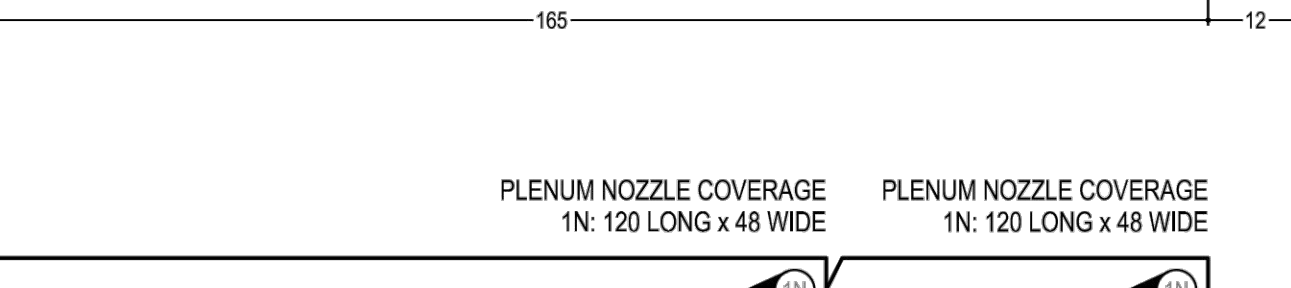
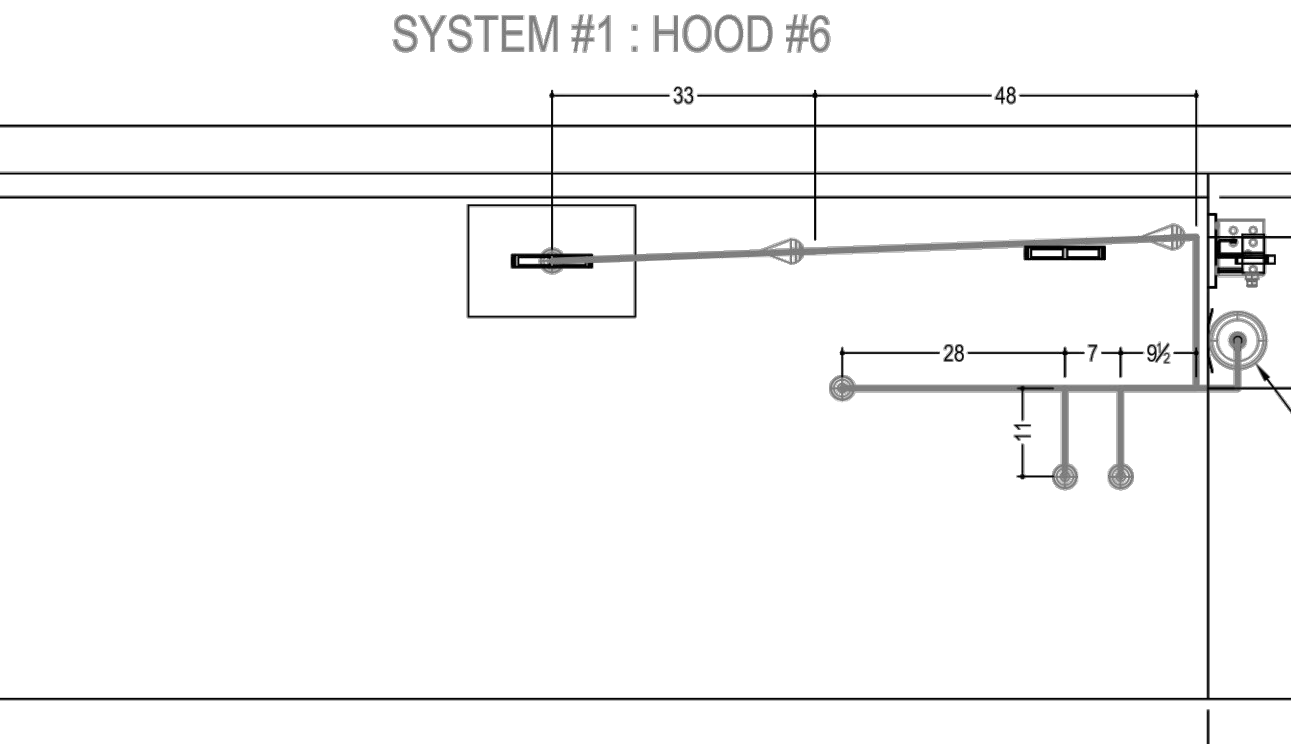
**PULL STATION (PART #434618)**



**PULL STATION INSTALLATION (RECESSED)**



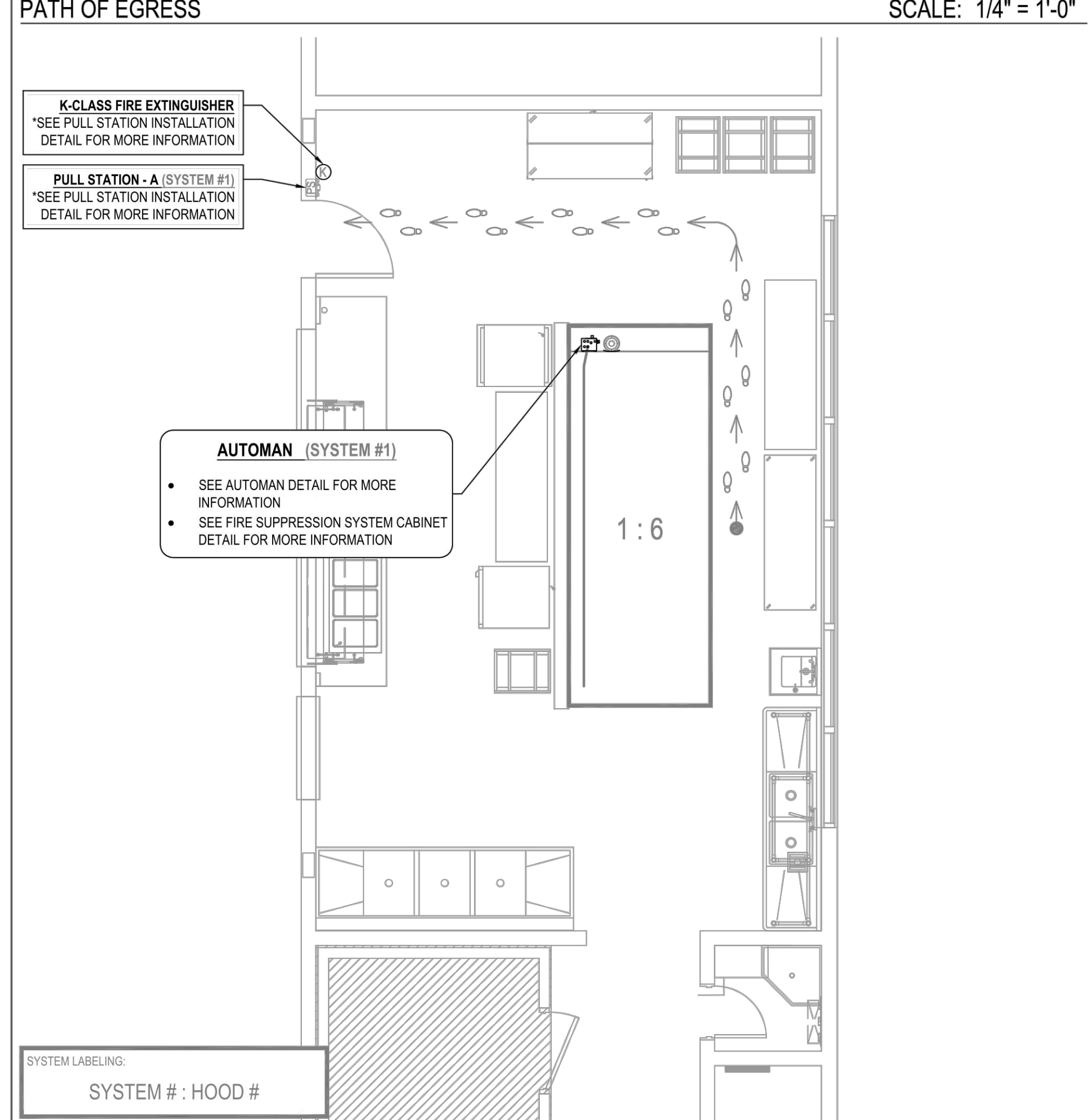
**SYSTEM #1 : HOOD #6**



NOTE: FIELD PIPING TO BE INSTALLED BY A STREIVOR APPOINTED LICENSED FIRE SUPPRESSION INSTALLER

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

**PATH OF EGRESS**



**INSTALLER**

GENERAL NOTES:

NOTE TO ARCHITECT AND/OR CONTRACTOR: STREIVOR, INC. DETECTOR AND SYSTEM VENTILATION SYSTEMS, AND ALSO MAY PROVIDE TO THE ARCHITECT OR ENGINEER. THE ARCHITECT OR ENGINEER SHALL BE RESPONSIBLE FOR THE ARCHITECT AND/OR CONTRACTOR AND TO OBTAIN NECESSARY PERMITS AND APPROVALS. ALL MEASUREMENTS ARE TO BE TAKEN FROM THE FINISHED FLOOR UNLESS OTHERWISE SPECIFIED. THE ARCHITECT OR ENGINEER SHALL BE RESPONSIBLE FOR THE ARCHITECT AND/OR CONTRACTOR AND TO OBTAIN NECESSARY PERMITS AND APPROVALS. ALL MEASUREMENTS ARE TO BE TAKEN FROM THE FINISHED FLOOR UNLESS OTHERWISE SPECIFIED.

ANY OTHER APPLICABLE CODES OR REGULATIONS IN THE PLAN OR SPECIFICATIONS SHALL BE REFERRED TO FOR THE CORRECT CONNECTIONS. THE ARCHITECT OR ENGINEER SHALL BE RESPONSIBLE FOR THE ARCHITECT AND/OR CONTRACTOR AND TO OBTAIN NECESSARY PERMITS AND APPROVALS. ALL MEASUREMENTS ARE TO BE TAKEN FROM THE FINISHED FLOOR UNLESS OTHERWISE SPECIFIED.

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"STRIVING FOR EXCELLENCE"  
 2150 KITTY HAWK ROAD, LIVERMORE, CA 94551  
 PHONE: (925) 960-9090 FAX: (925) 960-9055  
 WWW.STREIVOR.COM

CUSTOMER APPROVAL  
 COOKING EQUIPMENT VERIFICATION  
 VERIFY THE FOLLOWING:

HIGH BACK SHELVES	YES	NO	<input type="checkbox"/>
RANGE COOKING SURFACE DEPTH GREATER THAN 28"	YES	NO	<input type="checkbox"/>
PULL STATION LOCATION(S)	YES	NO	<input type="checkbox"/>
UTILITY CABINET LOCATION(S)	YES	NO	<input type="checkbox"/>
AGENT DISTRIBUTION HOSE AND RESTRAINING CABLE KIT	YES	NO	<input type="checkbox"/>
CEILING HEIGHT	_____		

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOTE TO REVIEWER: ANY CHANGES TO COOKING EQUIPMENT SUCH AS EQUIPMENT MATERIAL, TYPE AND/OR INCREASE IN NUMBER OF PULL STATIONS SHALL BE APPROVED BY THE ARCHITECT AND/OR CONTRACTOR AND TO OBTAIN NECESSARY PERMITS AND APPROVALS. ALL MEASUREMENTS ARE TO BE TAKEN FROM THE FINISHED FLOOR UNLESS OTHERWISE SPECIFIED.

PROJECT: ALICE ES  
 AMD FOODSERVICE DESIGN

ITEM #	DESCRIPTION	DATE	INT.
1	EXHAUST COLLAR QUANTITY	12/19/23	KCS
2	REVISED TO WCLG	12/19/23	KCS
3			
4			

SCALE: 1/2" = 1'-0"  
 DRAWING: F-01  
 SHEET 01 OF 01  
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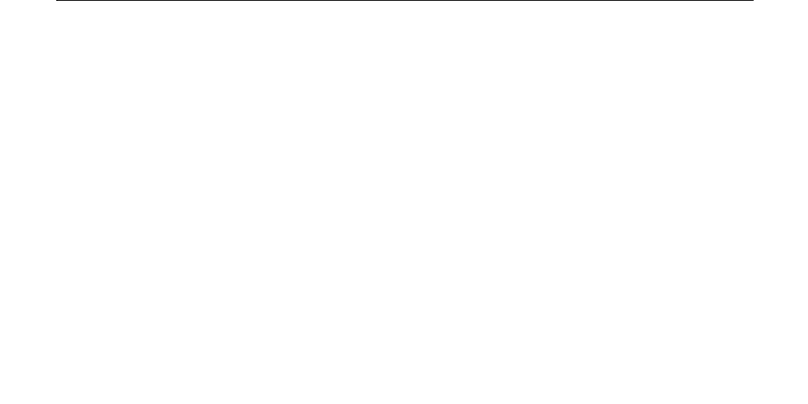
CALIFORNIA DESIGN WEST ARCHITECTS, INC.  
 2100 19th Street  
 Sacramento, CA 95818  
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 Fax: (916) 446-5118  
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ARCHITECT CONSULTANT:

CONSULTANT:



PROJECT NAME:

KEY PLAN:

SHEET TITLE:

**FOODSERVICE EXHAUST HOOD DETAILS**

JOB NUMBER: SHEET NUMBER:  
 DATE: FS.5.2  
 REVISION:



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**PRE-INSTALLATION**

OBTAIN, READ AND UNDERSTAND STREIVOR'S DEMANDAIRE INSTALLATION, OPERATION AND MAINTENANCE MANUAL PRIOR TO INSTALLATION, OR STARTUP OR BALANCING.

**INSTALLATION**

ALL INSTALLATION AND STARTUP MUST BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH ALL APPLICABLE PREVAILING CODES AND STANDARDS.

**WIRING NOTES**

1. FIELD WIRING TERMINALS USE COPPER WIRE ONLY
2. WIRE MUST BE RATED UP TO 600V
3. WIRE TEMPERATURE RATING 60° C MIN
4. LARGE TERMINAL BLOCK TIGHTENING TORQUE 1.5 - 1.8 (NM)
5. SMALL TERMINAL BLOCK TIGHTENING TORQUE 0.5 - 0.8 (NM)
6. SHIELDS OF SHIELDED CABLES MUST BE GROUNDED ON ONE SIDE

**COMMISSIONING NOTES**

IF COMMISSIONING IS INCLUDED, STREIVOR'S DEMANDAIRE PRE-COMMISSIONING CHECKLIST MUST BE SIGNED AND RETURNED BY THE CUSTOMER A MINIMUM OF 15 CALENDAR DAYS PRIOR TO THE REQUESTED COMMISSIONING DATE TO AVOID INCURRING ADDITIONAL TRAVEL AND/OR EXPEDITING COSTS

HOOD SCHEDULE				ELECTRICAL SCHEDULE			
HOOD	GROUP	SUPPLY FAN	EXHAUST FAN	FSS#	CIRCUIT DESCRIPTION	HP	VSD
6	---	SF-X	EF-X	1	CONTROL PANEL	---	---

ELECTRICAL ROUGH-IN SCHEDULE			
ITEM	DETAIL	ROUGH-IN REQUIREMENTS	ELECTRICAL CONDUIT
DEMANDAIRE CONTROL PANEL	DCP	14 1/4" X 16 1/4" I.D. FRAMED OPENING	120 VAC, 24 VDC, 4-20 mA
AMBIENT TEMPERATURE MONITOR	ARTD	2" X 4" J-BOX	4-20 mA

REFER TO HOOD DRAWINGS FOR HOOD DETAILS  
CB: CIRCUIT BREAKER BY ELECTRICAL CONTRACTOR

ELECTRICAL CONTRACTOR TO VERIFY ROUGH-IN LOCATION AND ELECTRICAL REQUIREMENTS



ANY ERRORS, AMBIGUITIES OR OMISSIONS IN THIS PLAN OR SPECIFICATIONS SHALL BE REPORTED TO STREIVOR, INC. FOR CORRECTIONS BEFORE ANY OF THE WORK IS STARTED.

UNLESS EXPRESSLY STIPULATED, NO ADDITIONAL ALLOWANCE WILL BE MADE IN FAVOR OF THE OWNER OR CONTRACTOR BY VIRTUE OF ERROR, AMBIGUITY OR OMISSION WHICH SHOULD HAVE BEEN DISCOVERED DURING THE PREPARATION OF BID ESTIMATES, AND DIRECTED TO THE ATTENTION OF STREIVOR, INC. IN A TIMELY MANNER.

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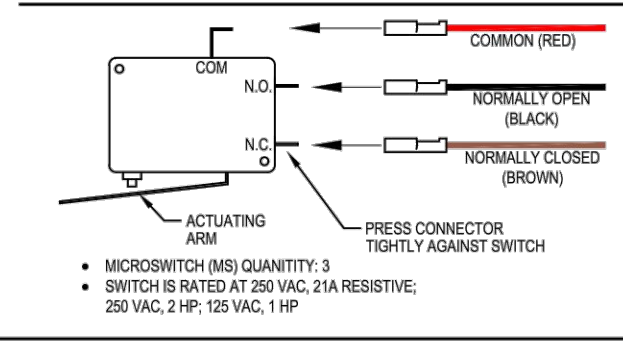
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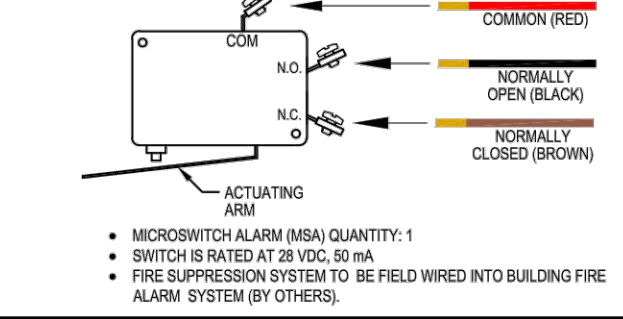
**COMMISSIONING NOTES**

IF COMMISSIONING IS INCLUDED, STREIVOR'S DEMANDAIRE PRE-COMMISSIONING CHECKLIST MUST BE SIGNED AND RETURNED BY THE CUSTOMER A MINIMUM OF 15 CALENDAR DAYS PRIOR TO THE REQUESTED COMMISSIONING DATE TO AVOID INCURRING ADDITIONAL TRAVEL AND/OR EXPEDITING COSTS

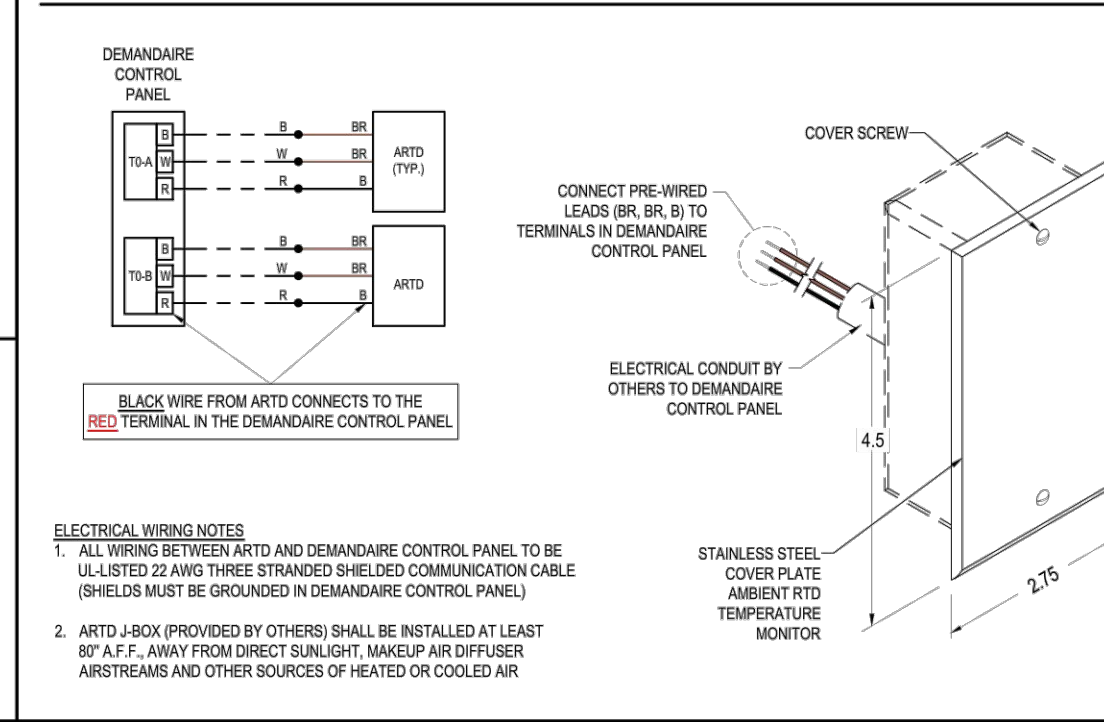
**ES ELECTRICAL SWITCH**



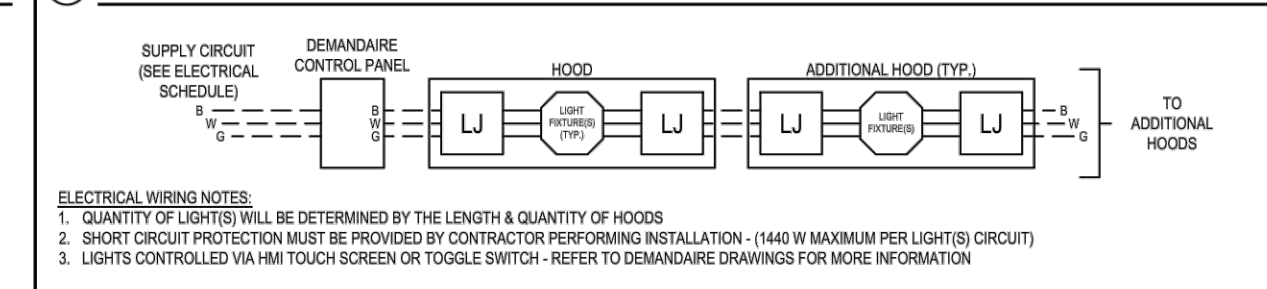
**AS ALARM SWITCH**



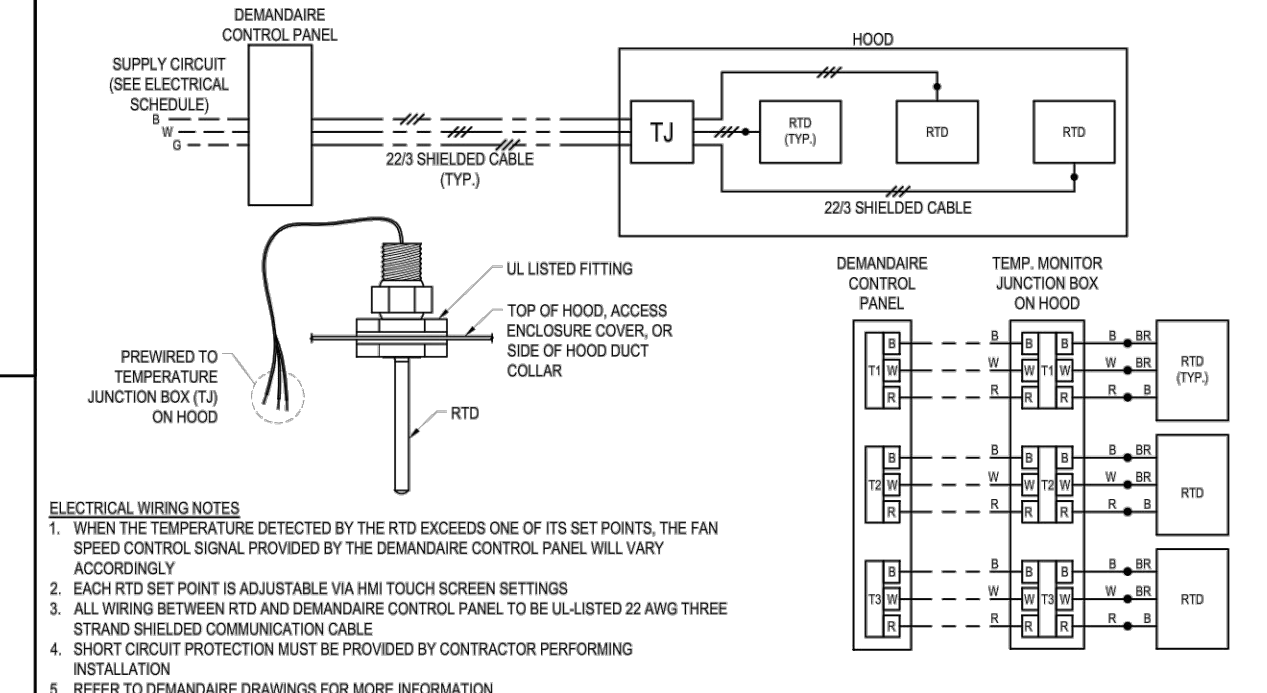
**ARTD AMBIENT RESISTANCE TEMPERATURE DETECTOR (ARTD)**



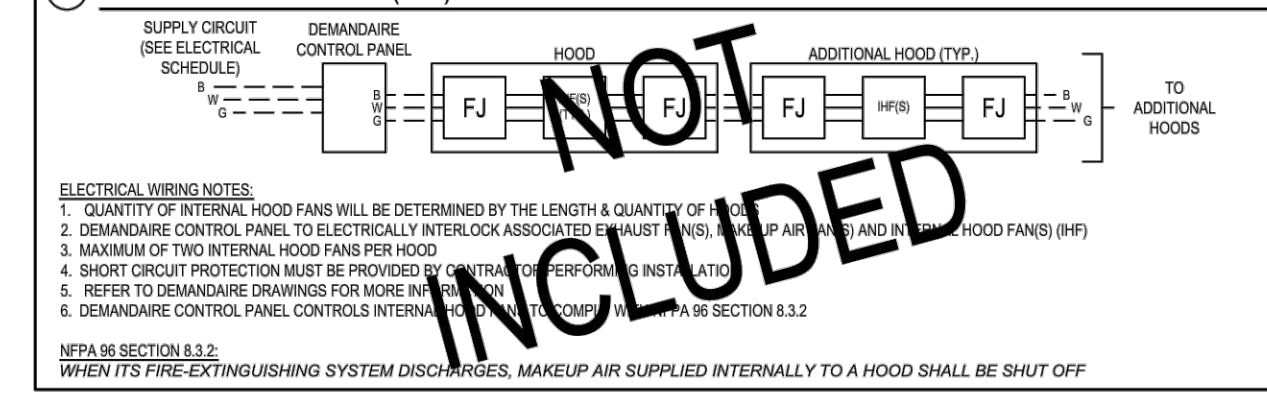
**HF HOOD CANOPY LIGHT FIXTURE WIRING DETAIL**



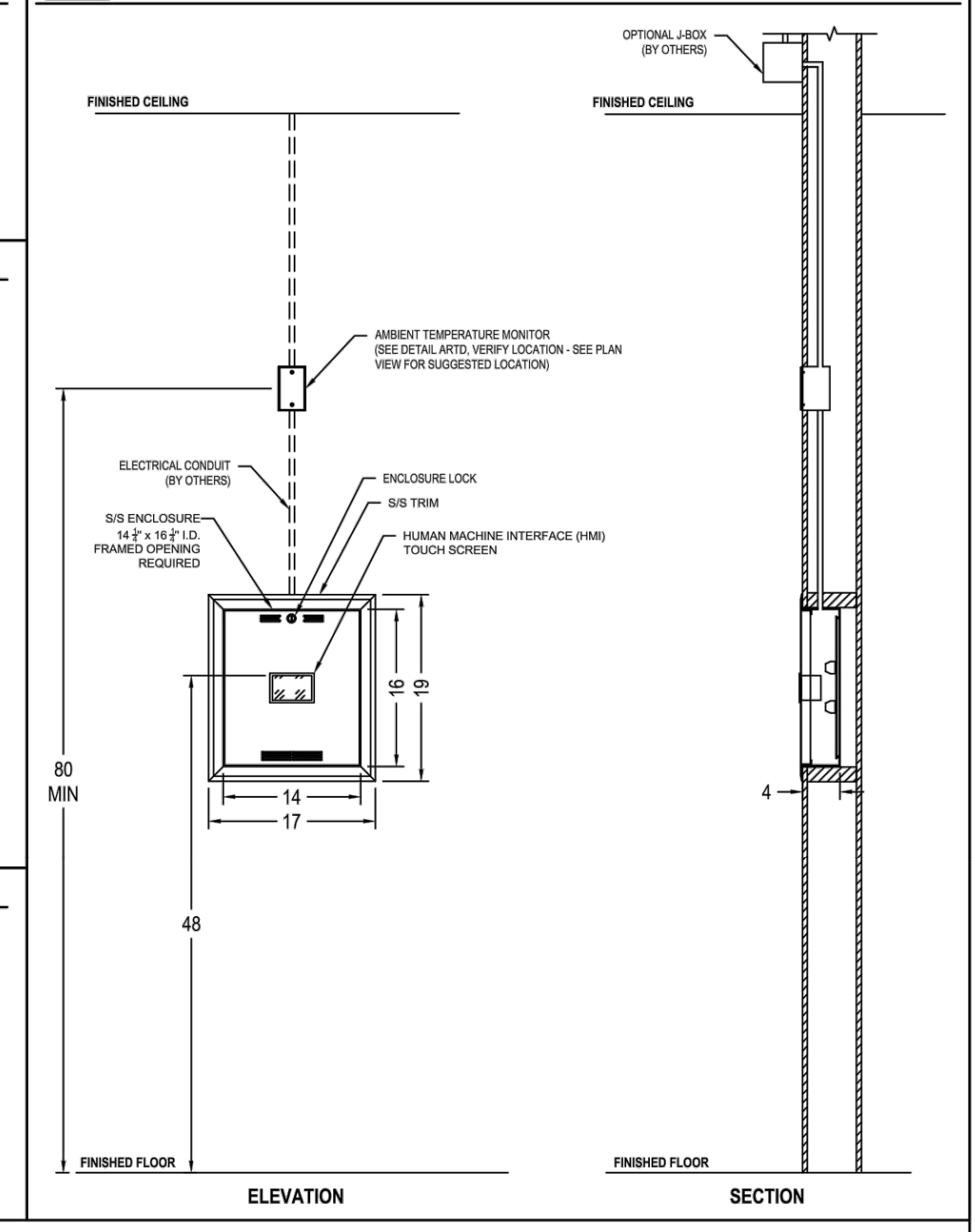
**RTD RESISTANCE TEMPERATURE DETECTOR (RTD) WIRING DETAIL**



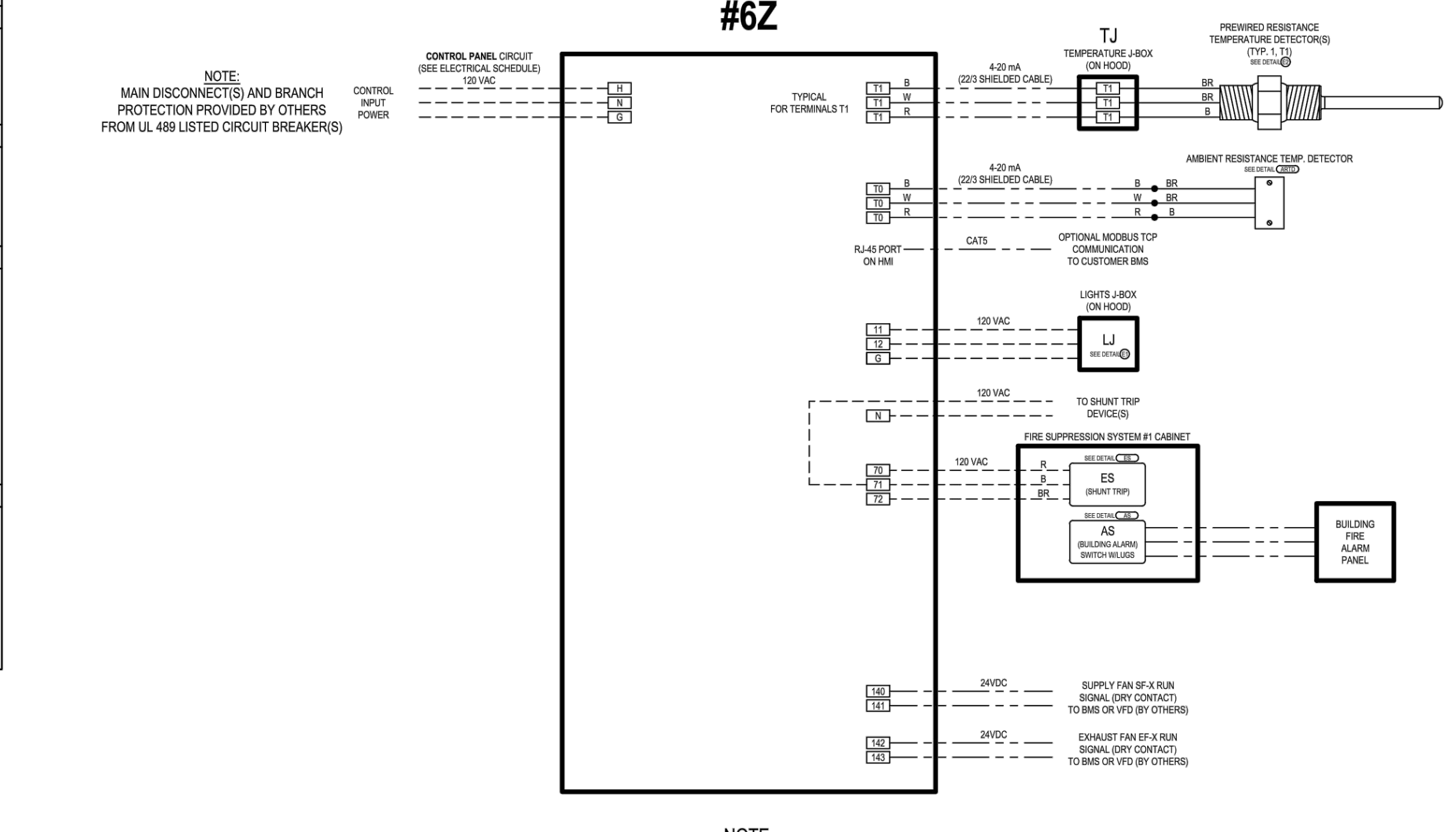
**HFV INTERNAL HOOD FAN (HFV) WIRING DETAIL**



**DCP DEMANDAIRE CONTROL PANEL**

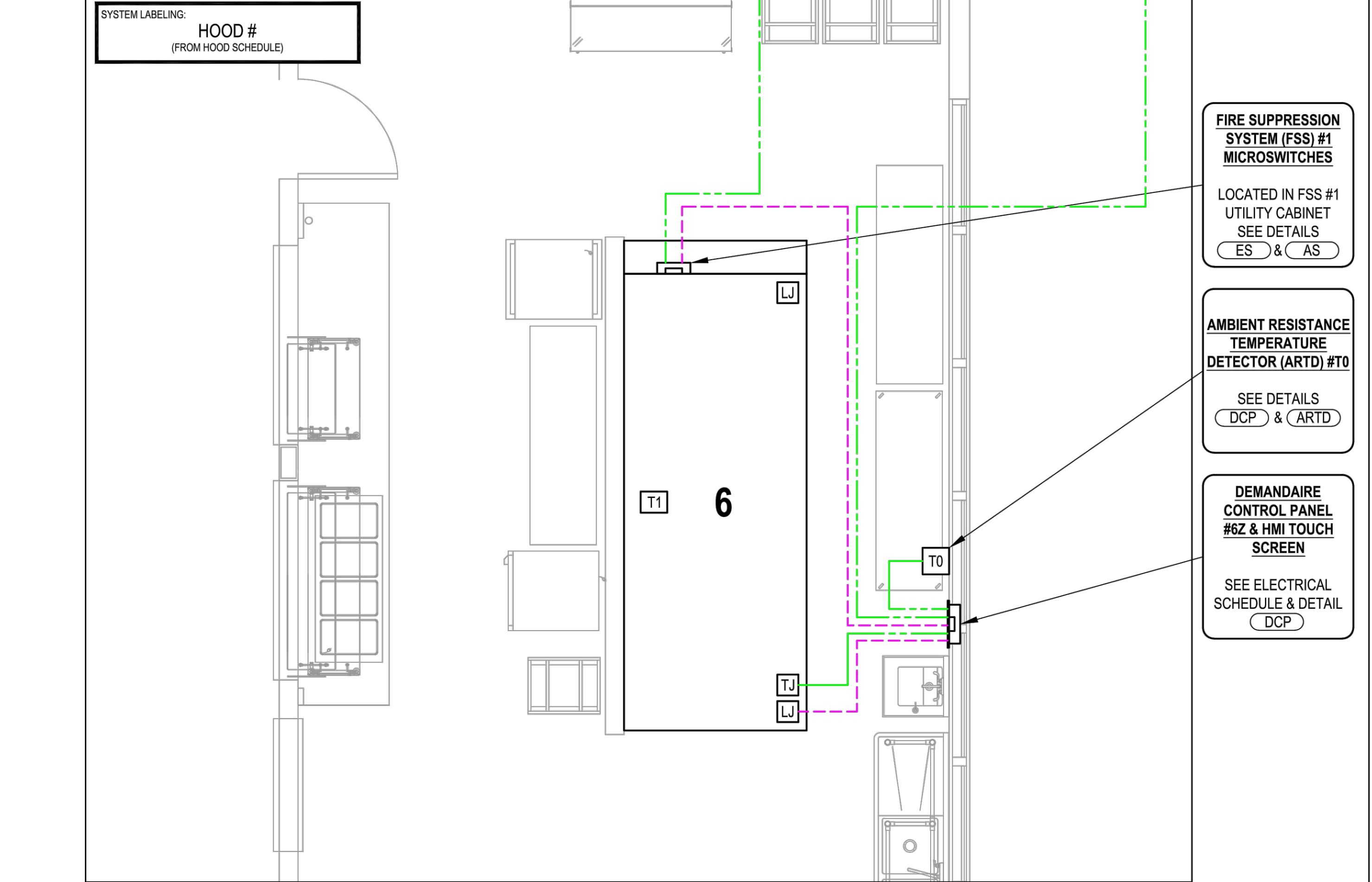


**DEMANDAIRE BRONZE CONTROL PANEL #6Z WIRING DIAGRAM**



NOTE: DEMANDAIRE CONTROL PANEL ENCLOSURES REQUIRE 36 INCHES MINIMUM OF CLEAR SPACE IN FRONT OF THE DOOR

**DEMANDAIRE DESIGN PLAN**



SYSTEM LABELING: HOOD # (FROM HOOD SCHEDULE)

BUILDING FIRE ALARM: NFPA 96 - 10.6.2: WHERE A FIRE ALARM SIGNALING SYSTEM IS SERVING THE OCCUPANCY WHERE THE EXTINGUISHING SYSTEM IS LOCATED, THE ACTIVATION OF THE AUTOMATIC FIRE-EXTINGUISHING SYSTEM SHALL ACTIVATE THE FIRE ALARM SIGNALING SYSTEM. (SEE DETAIL - C-35)

FAN MOTOR DRIVE(S): FAN MOTOR DRIVE(S) TO BE SIZED LOCATED PER MEP DRAWINGS. FAN MOTOR DRIVE(S) NOT PROVIDED BY STREIVOR. SEE DEMANDAIRE WIRING DIAGRAM FOR TERMINAL LABELS AND QUANTITY OF CONTROL SIGNALS/CONTACTS. (FAN/BMS)

FIRE SUPPRESSION SYSTEM (FSS) #1 MICROSWITCHES: LOCATED IN FSS #1 UTILITY CABINET. SEE DETAILS ES & AS.

AMBIENT RESISTANCE TEMPERATURE DETECTOR (ARTD) #10: SEE DETAILS DCP & ARTD.

DEMANDAIRE CONTROL PANEL #6Z & HMI TOUCH SCREEN: SEE ELECTRICAL SCHEDULE & DETAIL DCP.

**DRAWING APPROVAL**

THIS DRAWING MUST BE REVIEWED, SIGNED & RETURNED TO STREIVOR AIR SYSTEMS PRIOR TO THE START OF FABRICATION.

**VERIFY THE FOLLOWING:**

1. ALL DIMENSIONAL INFORMATION, MOUNTING LOCATIONS & CLEARANCES.
2. FAN HORSEPOWER, VOLTAGE & PHASE IF VFDs OR MOTOR STARTERS ARE PROVIDED BY STREIVOR.

**APPROVED FOR FABRICATION**

- APPROVED
- APPROVED AS NOTED
- REVISE & RESUBMIT

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**NOTE TO REVIEWER:**

ANY CHANGES IN COOKING EQUIPMENT SUCH AS EQUIPMENT POSITION, TYPE AND/OR INCREASE IN ENERGY OUTPUT MAY AFFECT EXHAUST AIRFLOW. STREIVOR AIR SYSTEMS MUST BE NOTIFIED OF ANY CHANGES THAT OCCUR PRIOR TO FABRICATION, AS RE-ENGINEERING OF THE EXHAUST AIRFLOW MAY BE REQUIRED.

**STREIVOR™ AIR SYSTEMS**

**"STRIVING FOR EXCELLENCE"**

2150 KITTY HAWK ROAD, LIVERMORE, CA 94551  
PHONE: (925) 960-9090 FAX: (925) 960-9055  
WWW.STREIVOR.COM

PROJECT: ALICE ES

AMD FOODSERVICE DESIGN

SHORT CIRCUIT CURRENT RATING: 5KA RMS, 120V MAX  
"VERIFY JOB SITE REQUIREMENTS"

DESCRIPTION	DATE	INT
TEMPERATURE MONITOR QTY.	12/19/23	KCS

DRAWING: DA-01

SHEET 01 OF 01

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CONSULTANT: \_\_\_\_\_



PROJECT NAME: \_\_\_\_\_

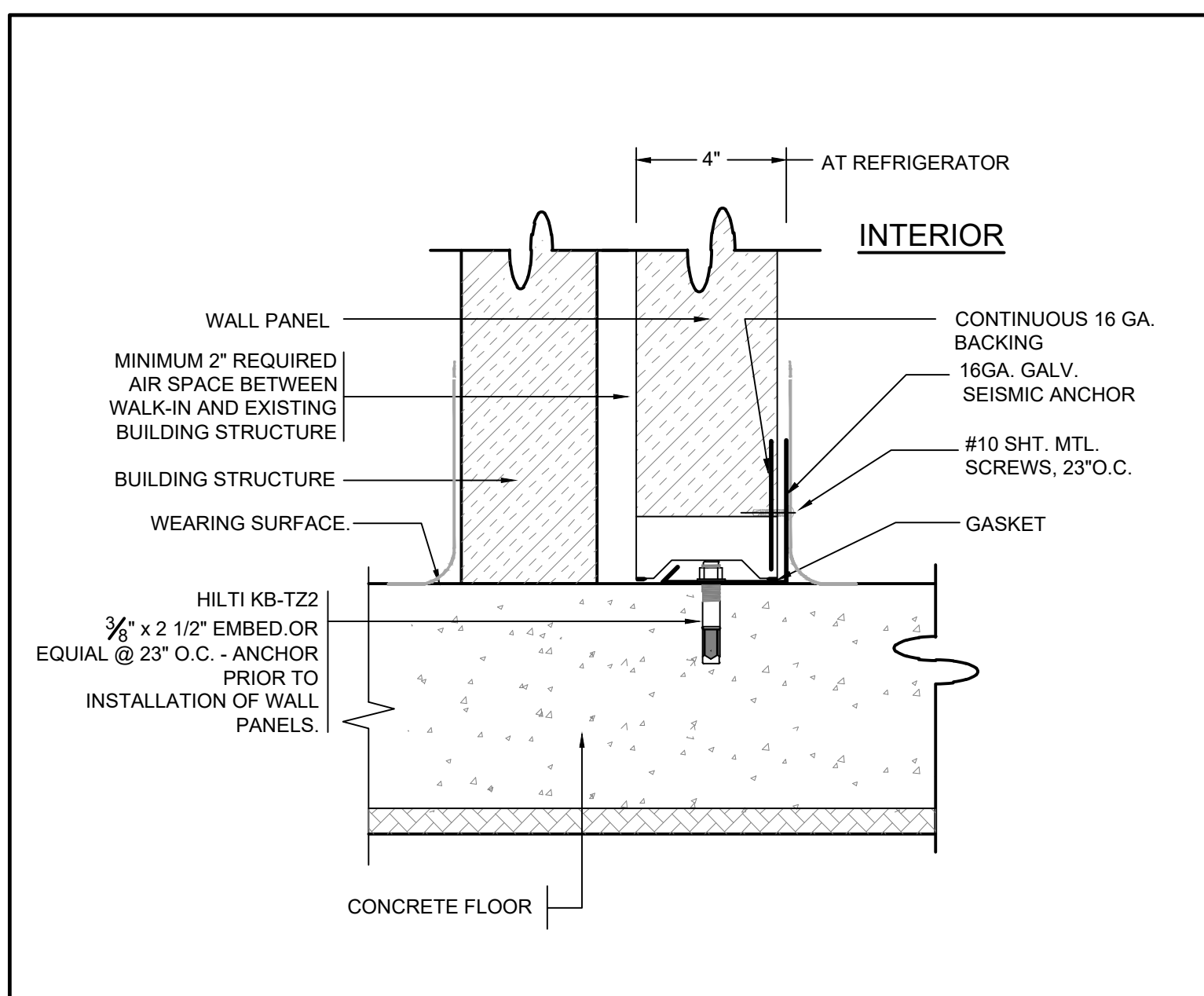
KEY PLAN:

NO.	DESCRIPTION	DATE	INT
1	TEMPERATURE MONITOR QTY.	12/19/23	KCS

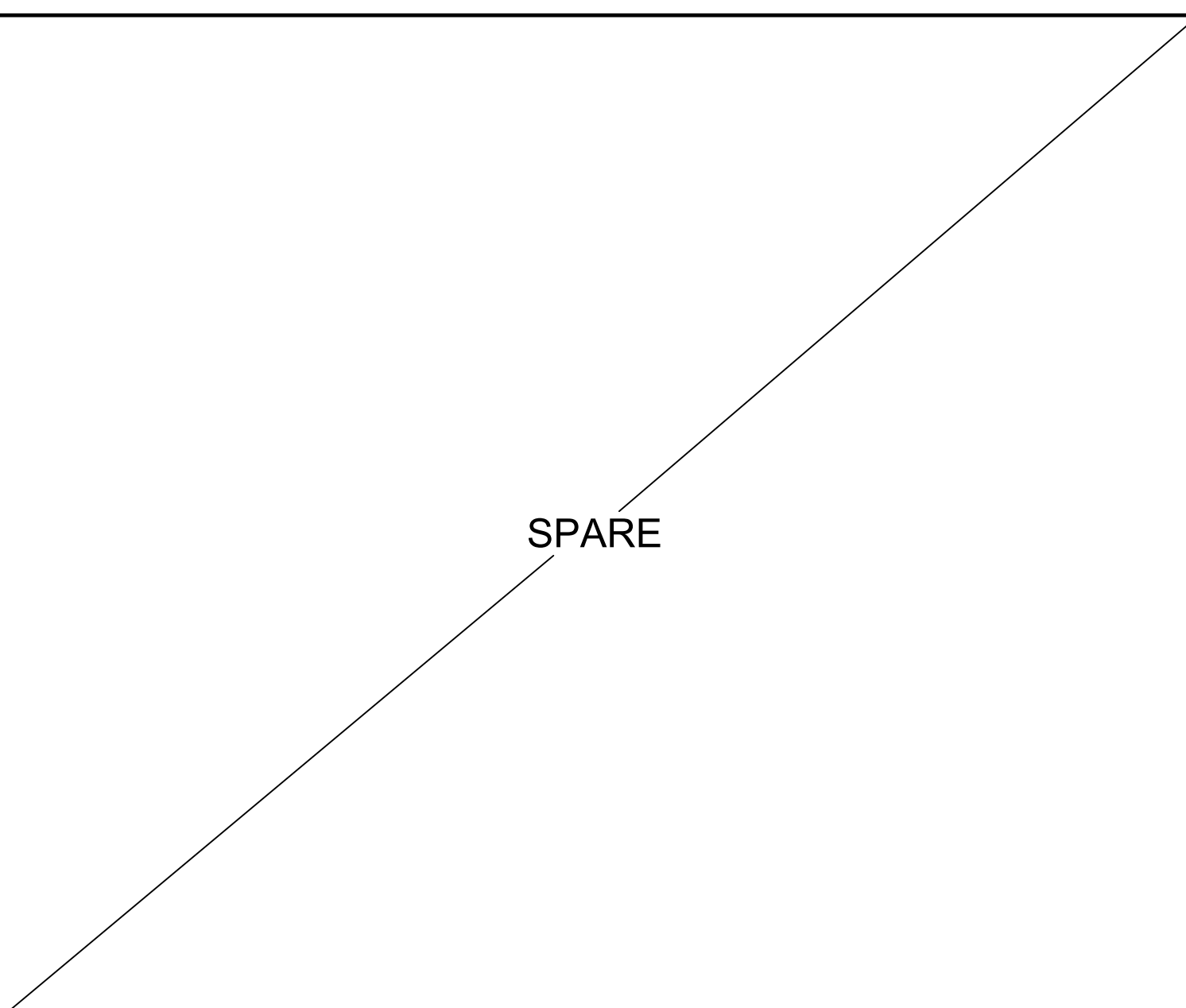
SHEET TITLE: FOODSERVICE EXHAUST HOOD DETAILS

JOB NUMBER:	SHEET NUMBER:
DATE:	FS5.3
REVISION:	

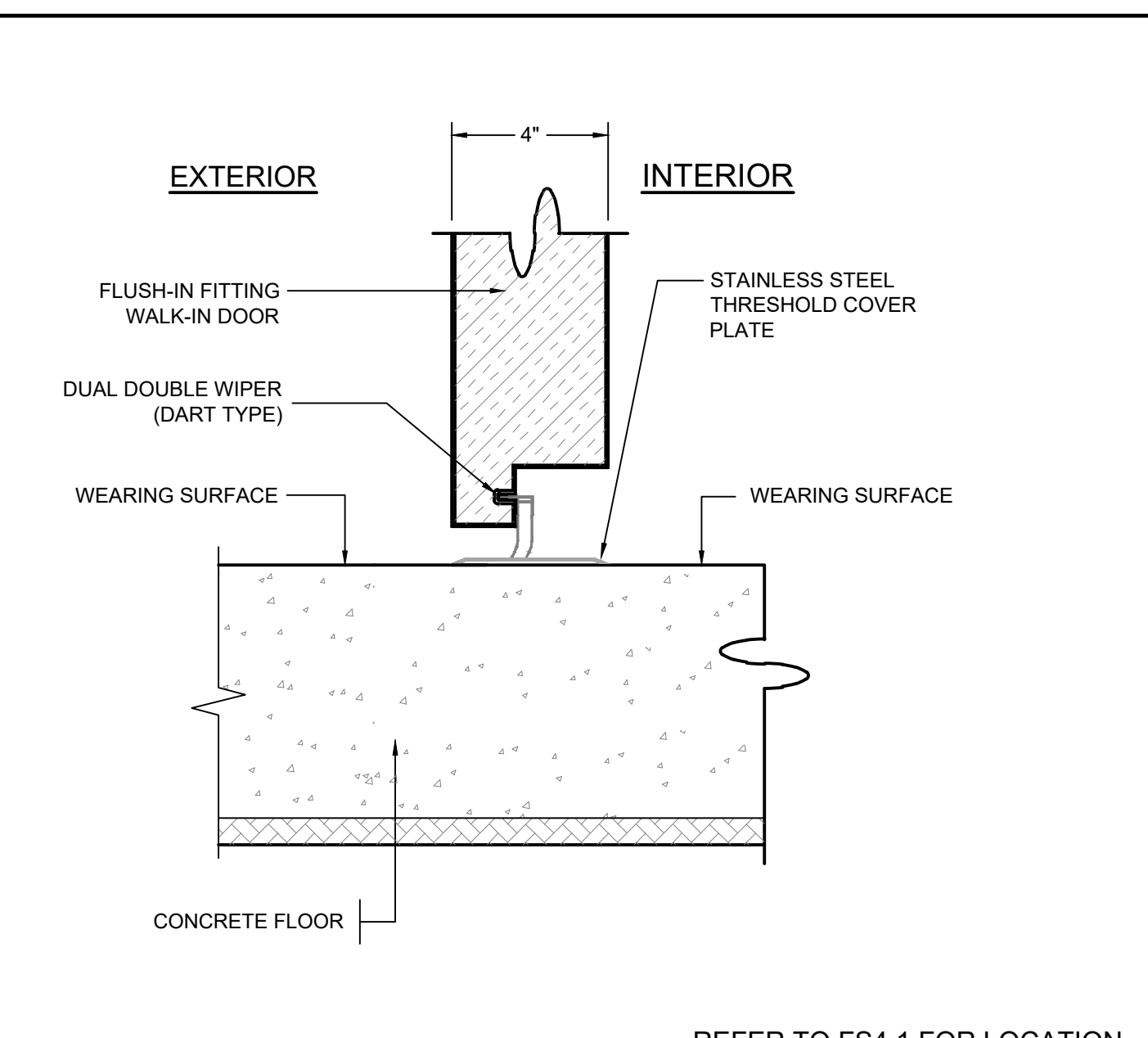




**A WALL PANEL TO CONCRETE FLOOR**



**B SPARE**



**C THRESHOLD DETAIL FOR REFRIGERATOR DOOR**

APPLICATION - WALK-IN COOLER

4" HARD NOSE TONGUE & GROOVE HIGH DENSITY URETHANE PERIMETER (CFC FREE) W/ SHT. MTL. FACING FLANGED 1/2" TO 3/4" PERIMETER OF EACH SHEET. CORNERS & T-PANELS ONE-PIECE CONSTRUCTION W/ 1/2" RADIUS AT ALL INSIDE VERTICAL CORNERS. JOINTS SEALED W/ PVC GASKET AT INT. & EXT. PERIMETER OF PANELS. PANELS RIGID CONNECTION W/ CAM-LOCK FASTENERS (WALL TO WALL: 48" O.C. MAX; WALL TO CEILING: 24" O.C. MAX; WALL TO FLOOR: 24" O.C. MAX., IF APPLY)

INSULATION - 4" THICK FOAMED IN PLACE HIGH DENSITY URETHANE (CFC FREE) FILLED, OVER 90 PERCENT CLOSED CELL CONTENT. LESS THAN 25 FLAME SPREAD IN ACCORD W/ UBC STD. 42-1 (BASED ON UL 723 WHICH IS SIMILAR TO ASTM E84 THE STEINER TUNNEL TEST) AND CLASS 'A' INTERIOR FINISH IN ACCORDANCE W/ NFPA 101, SECTION 6-2, AND NFPA 255. K-FACTOR NOT TO EXCEED 0.14 BTU/HOUR/SQ. FT./F PER INCH THICKNESS IN ACCORDANCE W/ ASTM C177 AT 75 F MEAN TEMPERATURE. UL REPORT (BLBT.R13780) FOR SURFACE BURNING CHARACTERISTICS

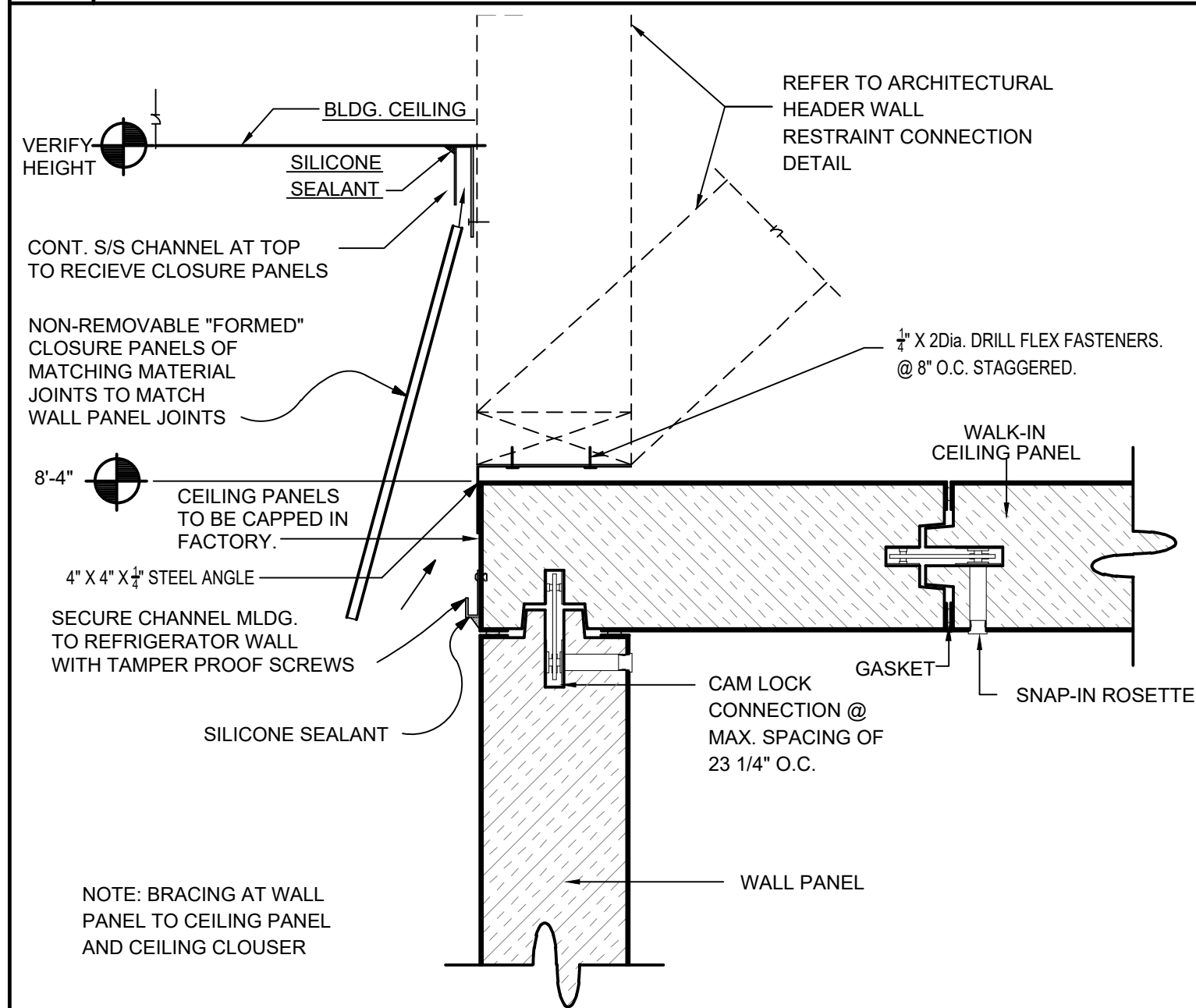
FINISH - WALL INTERIOR - .040 STUCCO EMBOSSED ALUMINUM WHITE FINISH  
 WALL EXTERIOR (EXPOSED) - 22GA. STAINLESS STEEL - TYPE 304, #4 FINISH  
 WALL EXTERIOR (UNEXPOSED) - 26GA. STUCCO EMBOSSED GALVANIZED STEEL  
 CEILING INTERIOR - .040 STUCCO EMBOSSED ALUMINUM WHITE FINISH  
 MAX. CEIL. PANEL DEFLECTION: NOT TO EXCEED 1/240 OF THE SPAN UNDER A LOADING OF 20 LBS/SQ. FT.; W/ LATERAL FORCE CAPACITY IN ACCORDANCE W/ CBC SECTION 1630A.3

FLOOR INTERIOR - WEARING SURFACE TO BE SAME AS KITCHEN SEAMLESS THROUGHOUT COVERED UP ALL INTERIOR WALLS TO A HT. OF 6"

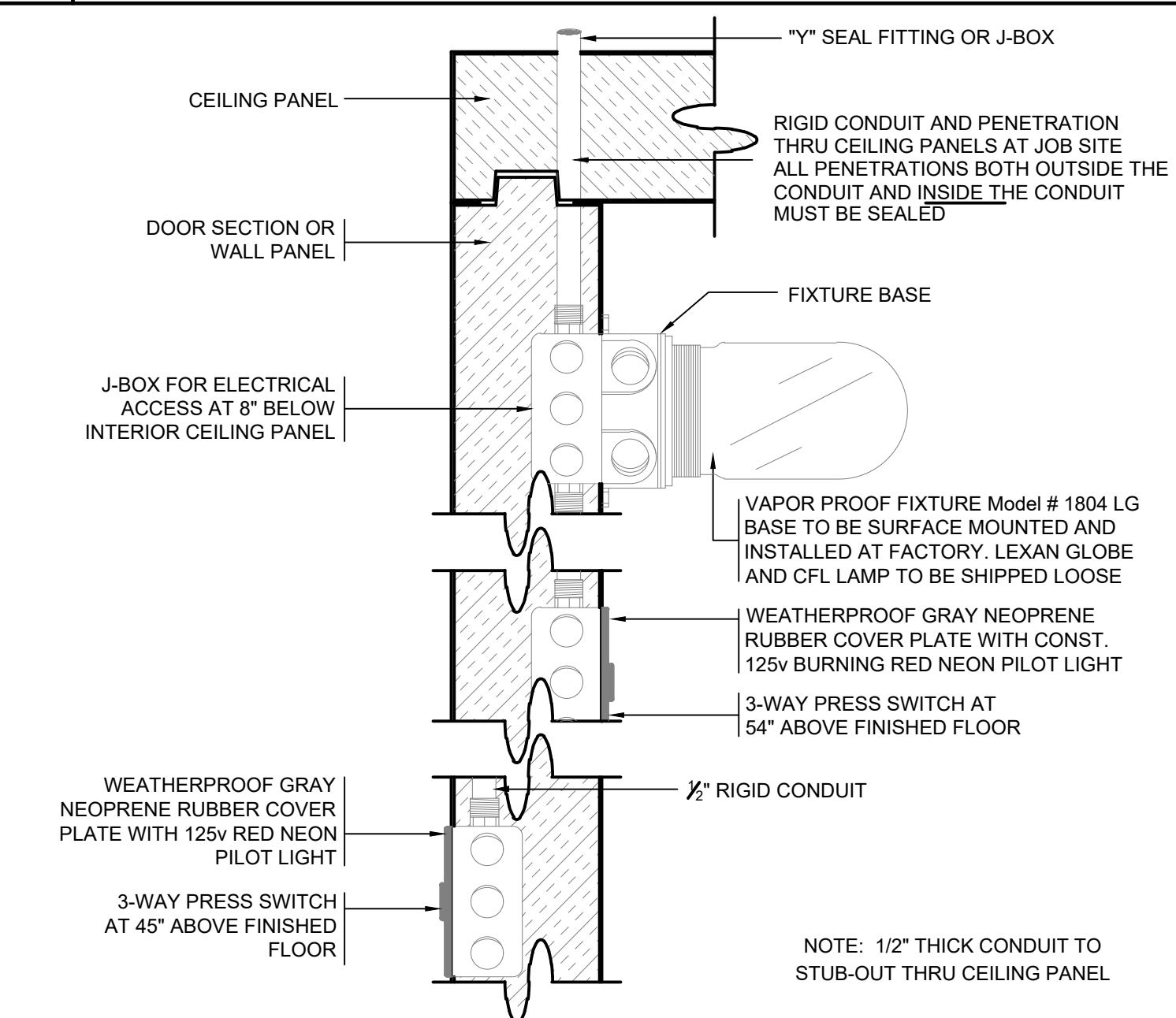
DOOR(S) - 1EA. 42" X 80" COOLER, FLUSH IN-FITTING DOOR W/ MAGNETIC GASKET  
 INTERIOR - 22GA. STAINLESS STEEL - TYPE 304, #4 FINISH  
 EXTERIOR - 22GA. STAINLESS STEEL - TYPE 304, #4 FINISH  
 DEAD BOLT - NONE  
 HANDLE - K27 W/ INSIDE SAFETY RELEASE & DEAD BOLT LATCH  
 HINGES - (2) K1245 (1) K1248-SPRING LOADED  
 CLOSER - RACK & PINION  
 HEATER CABLE - NONE  
 VISION PANEL - 14" X 24" (NON-HEATED)  
 INT KICKPLATES - 42" HIGH, DIAMOND TREAD PLATE ALUMINUM  
 EXT KICKPLATES - 42" HIGH, DIAMOND TREAD PLATE ALUMINUM  
 JAMB GUARDS - INT. 48" HIGH, DIAMOND TREAD PLATE ALUMINUM

ACCESSORIES - 2 EA. INT. EXT 3-WAY PRESS SWITCH, WITH EXT. INDICATING RED LIGHT-FLUSH MTD  
 1 EA. TEMPERATURE ALARM SYSTEM W/ DIGITAL THERMOMETER (MODULARM #75LC) - FLUSH MOUNTED  
 2 EA. ON WALL FACING KITCHEN, PROVIDE SIGN AT EACH FOR COOLER  
 1 EA. VAPOR PROOF LED CEILING MOUNTED LIGHT FIXTURE - SHIPPED LOOSE  
 1 EA. LED LIGHT DOOR MOUNTED FIXTURE - SHIPPED LOOSE

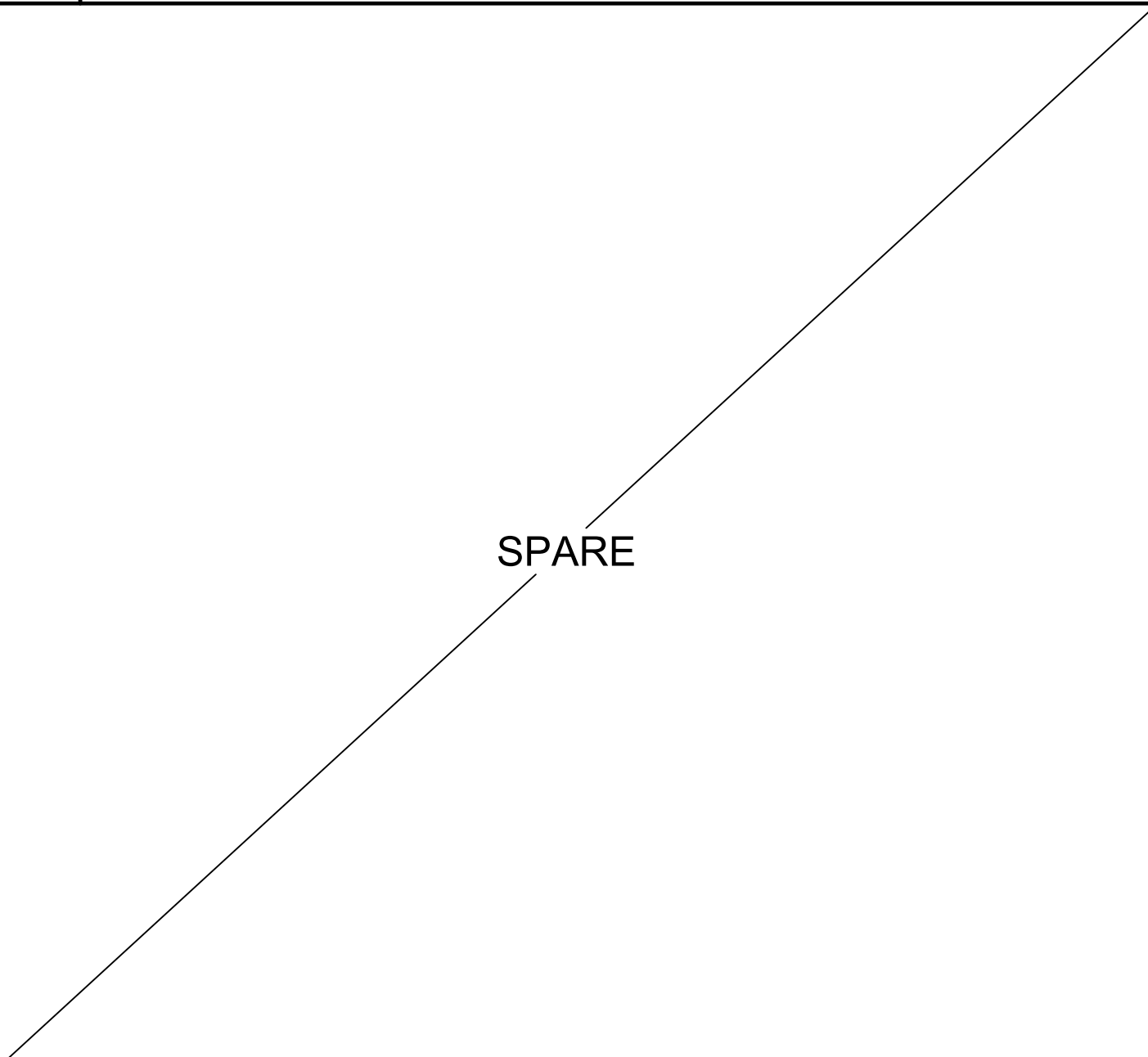
CLOSURES - 1 EA. VINYL STRIP CURTAINS  
 1 LOT INT. COVED BASE - (TO MATCH INT. WALL PANEL FINISH)  
 1 LOT EXPOSED EXT. COVED BASE - (TO MATCH EXT. WALL PANEL FINISH)  
 1 LOT WALL CLOSURES - (TO MATCH EXT. WALL PANEL FINISH)  
 1 LOT CEILING ENCLOSURES - (TO MATCH EXT. WALL PANEL FINISH)



**E SUPPLEMENTAL LATERAL BRACING TO CEILING PANEL**

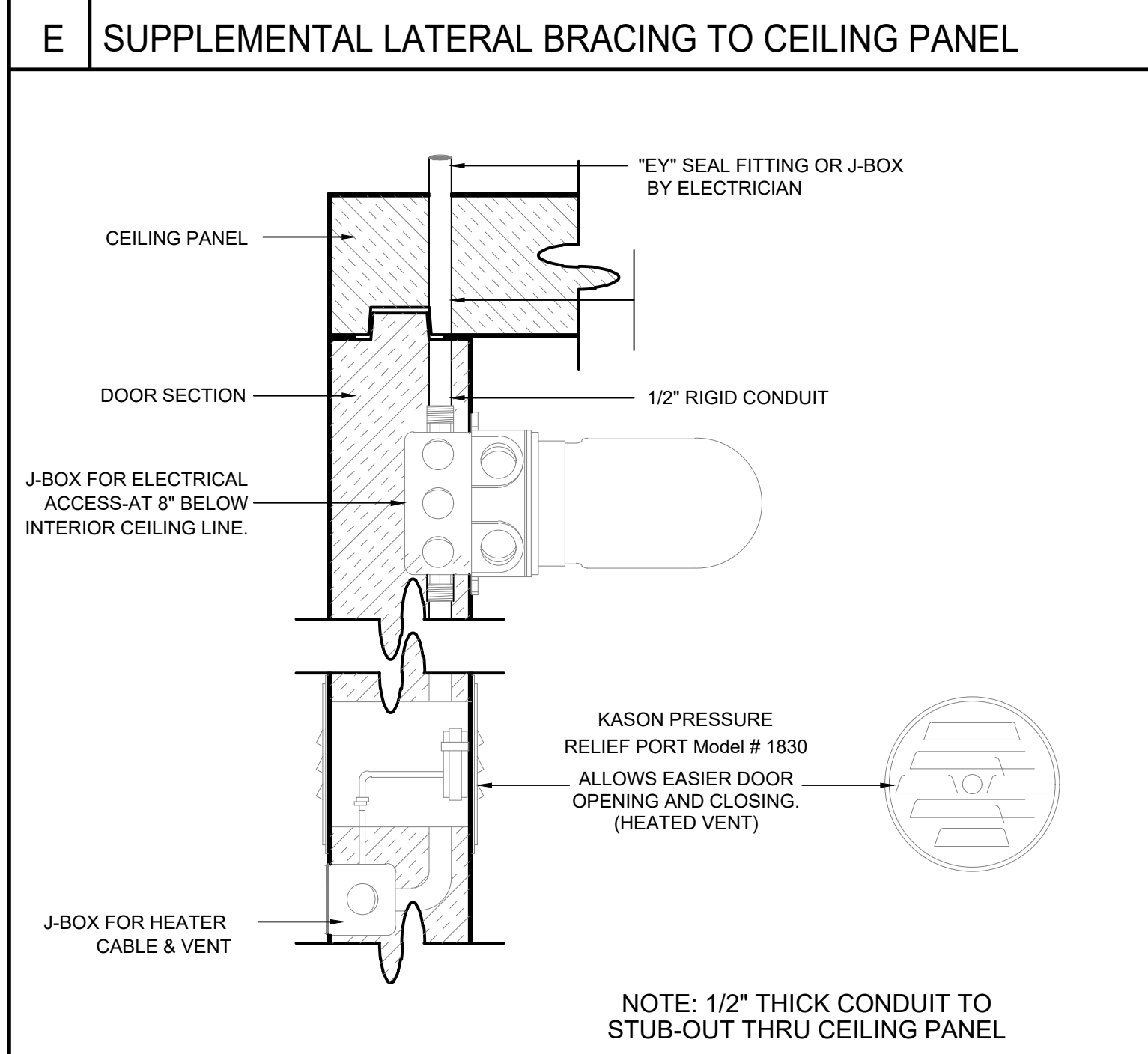


**F 3-WAY INTERIOR & EXTERIOR PRESS SWITCH**

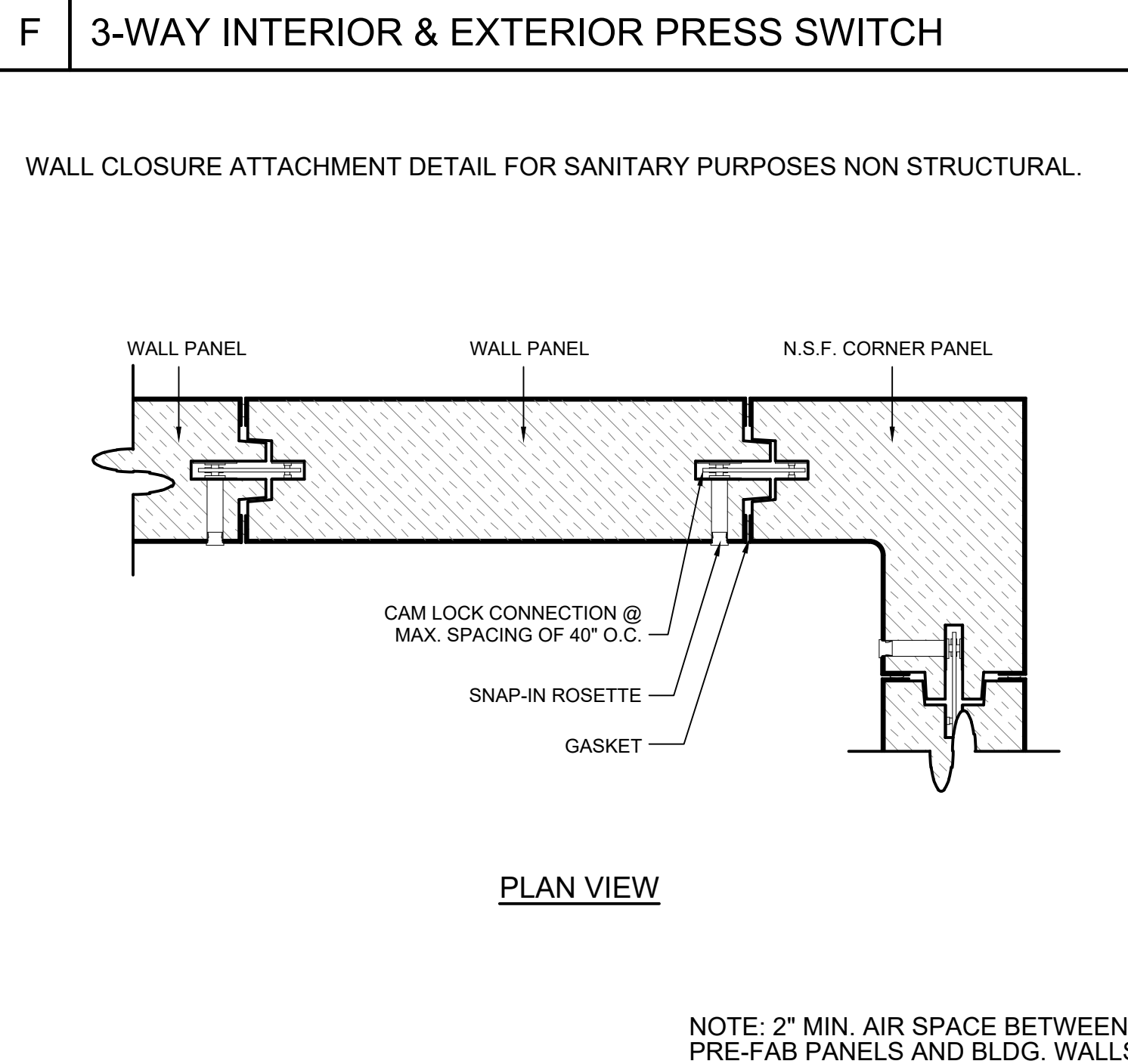


**B SPARE**

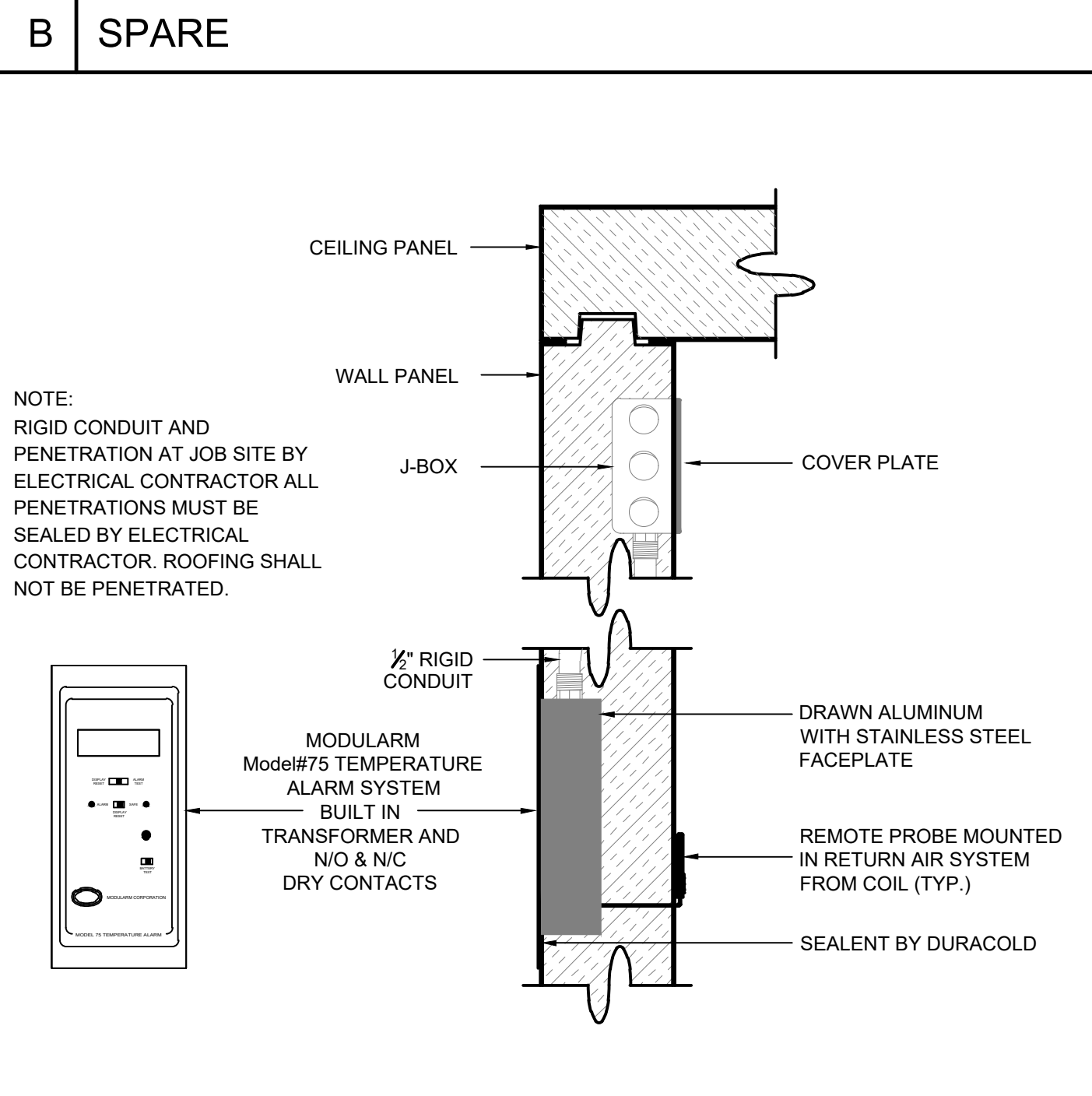
REFER TO FS4.1 FOR LOCATION



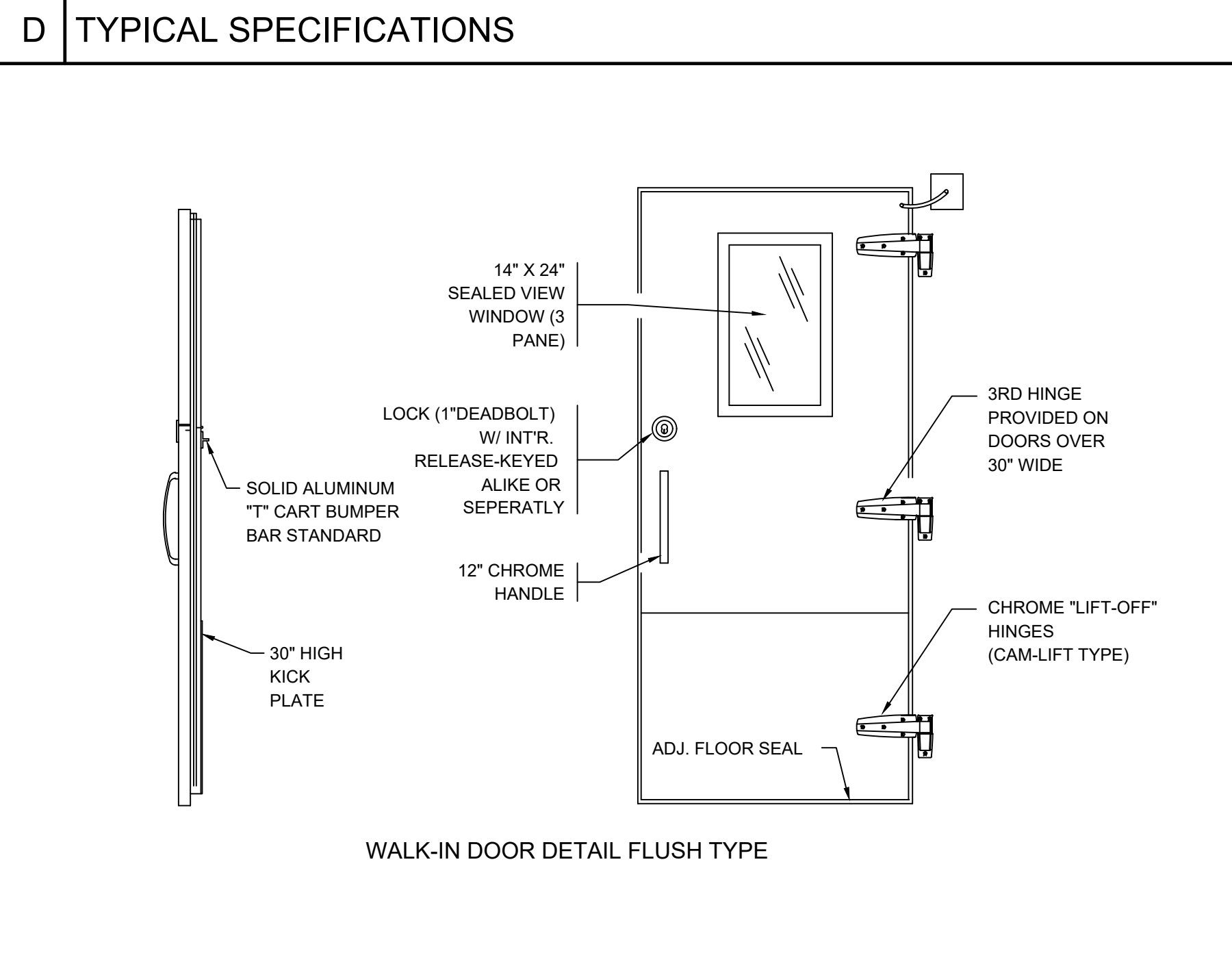
**D TYPICAL SPECIFICATIONS**



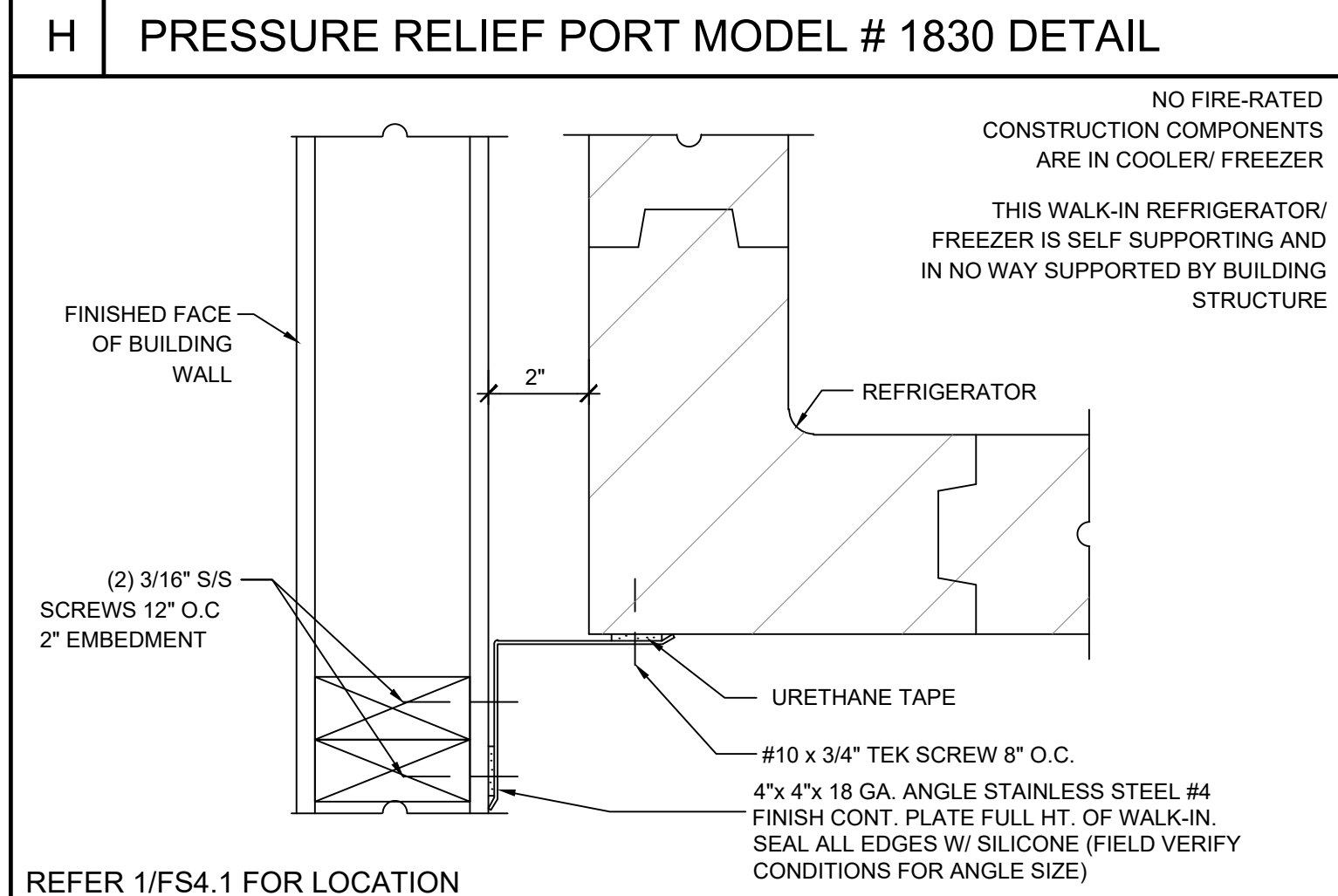
**I TYPICAL CAM LOCK CONNECTION DETAIL**



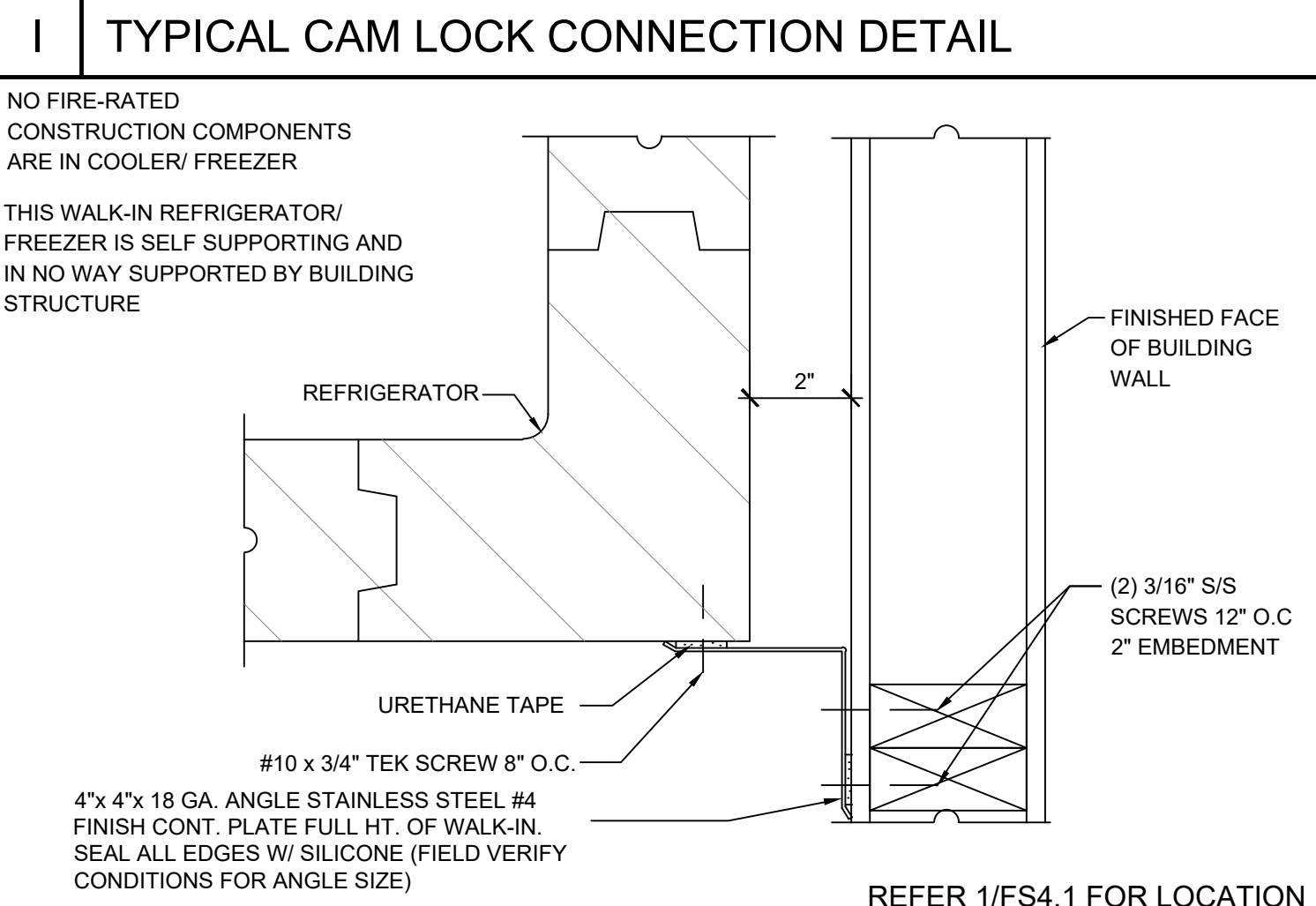
**J MODULARM CORP. MODEL 75 LC DETAIL**



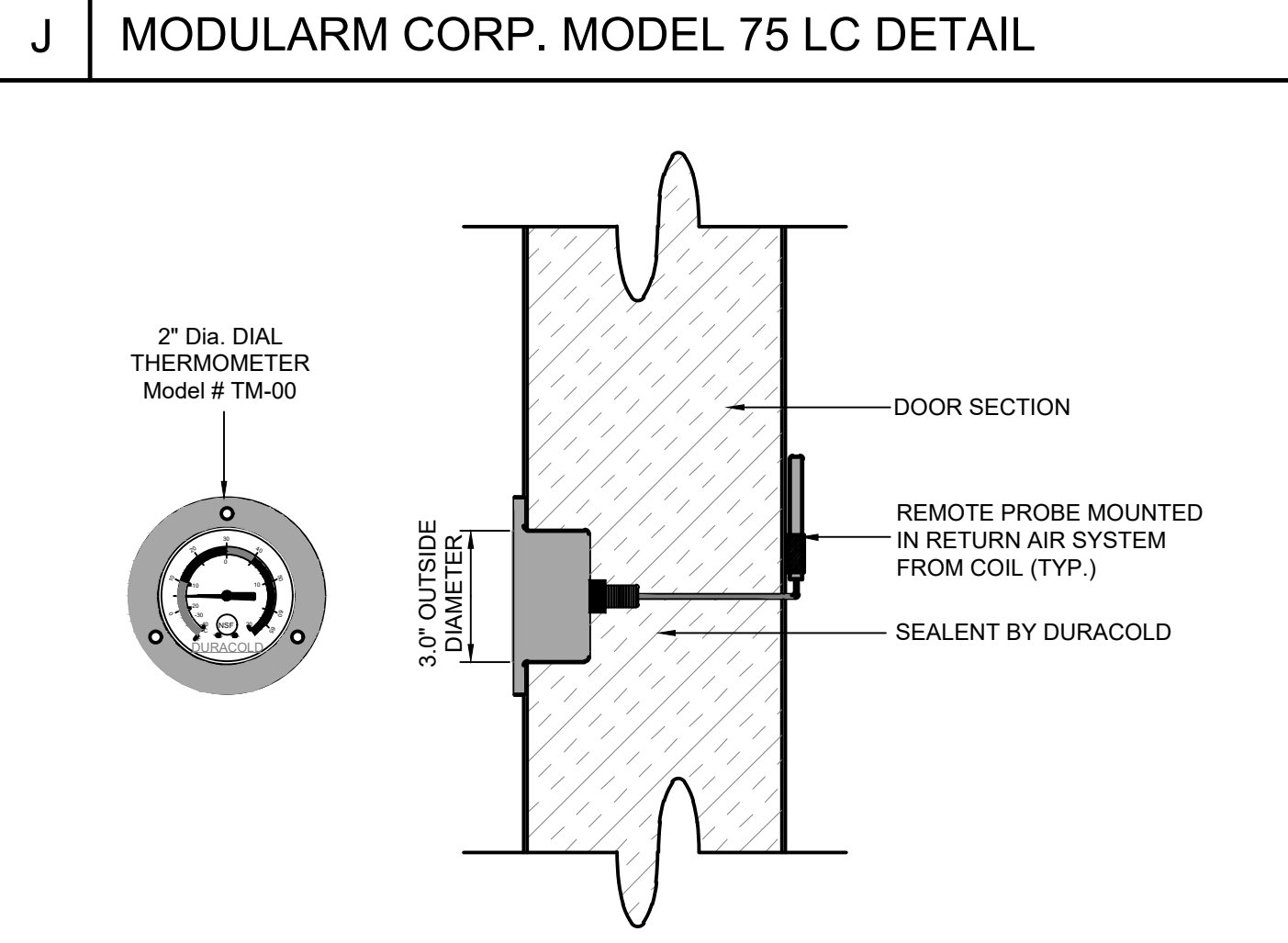
**K DOOR DETAIL**



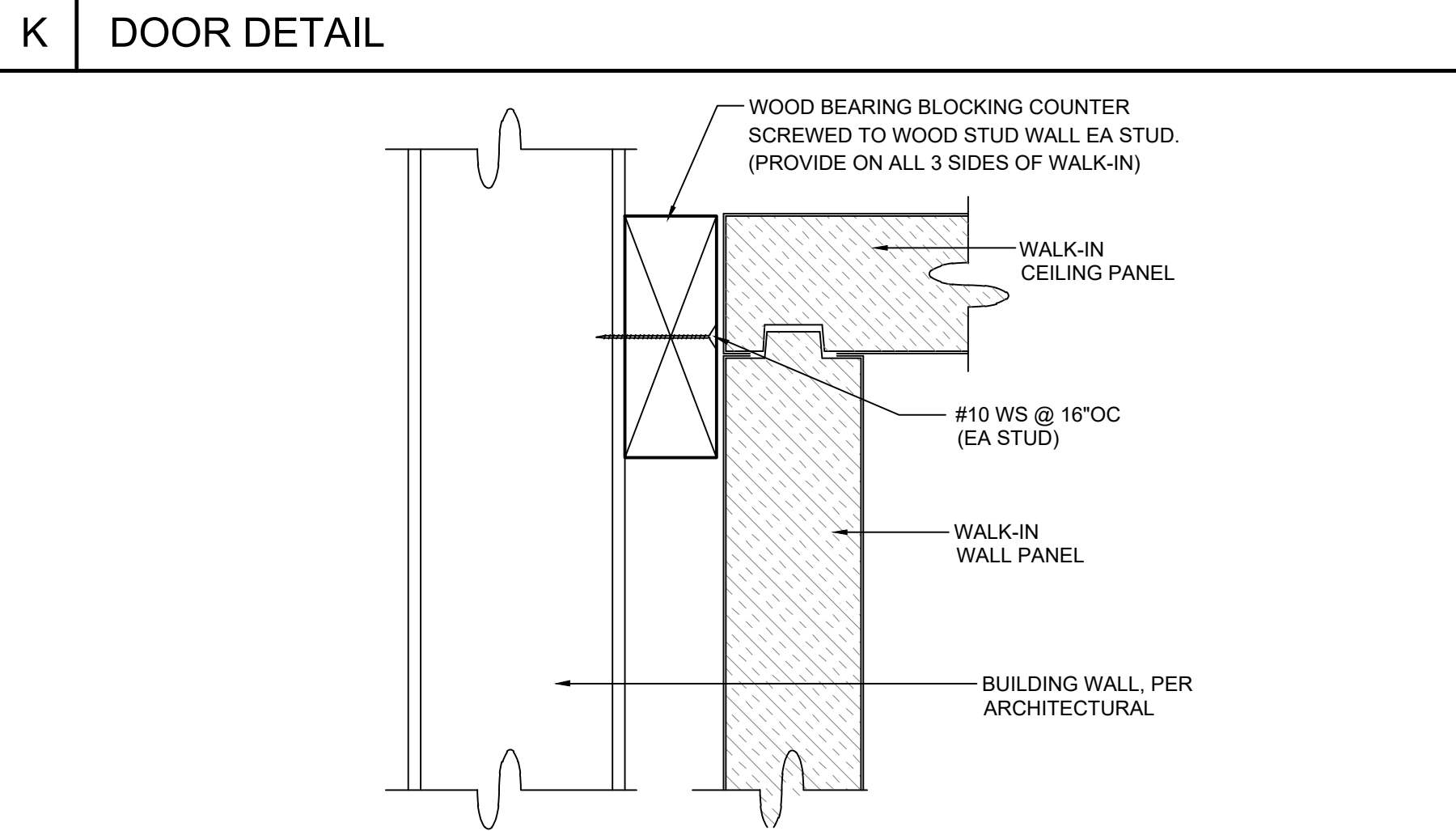
**H PRESSURE RELIEF PORT MODEL # 1830 DETAIL**



**I TYPICAL CAM LOCK CONNECTION DETAIL**



**N 2\"/>**



**O WALK-IN RESTRAINT**

**L CLOSURE TRIM**

**M CLOSURE TRIM**

**N 2\"/>**

**O WALK-IN RESTRAINT**



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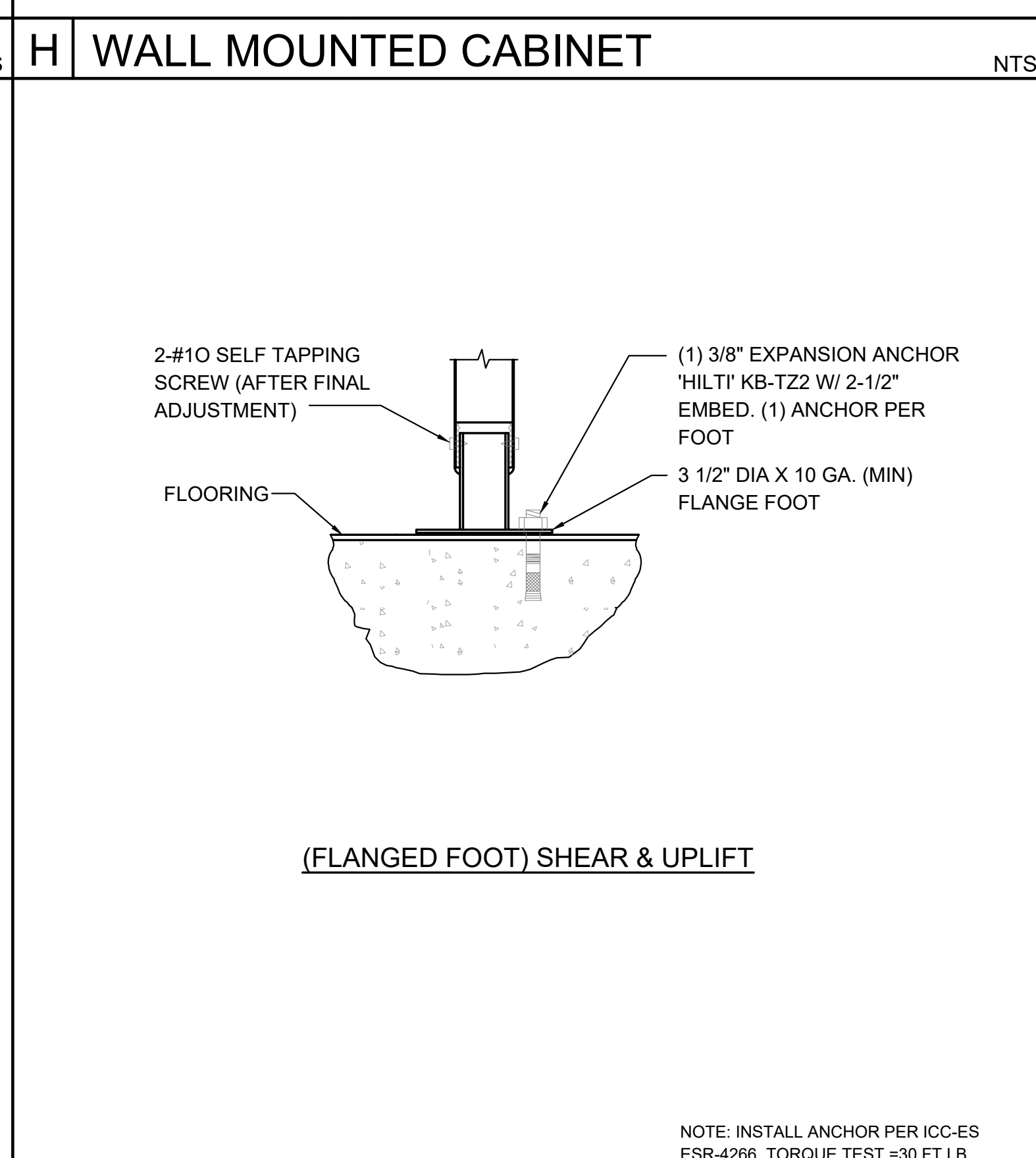
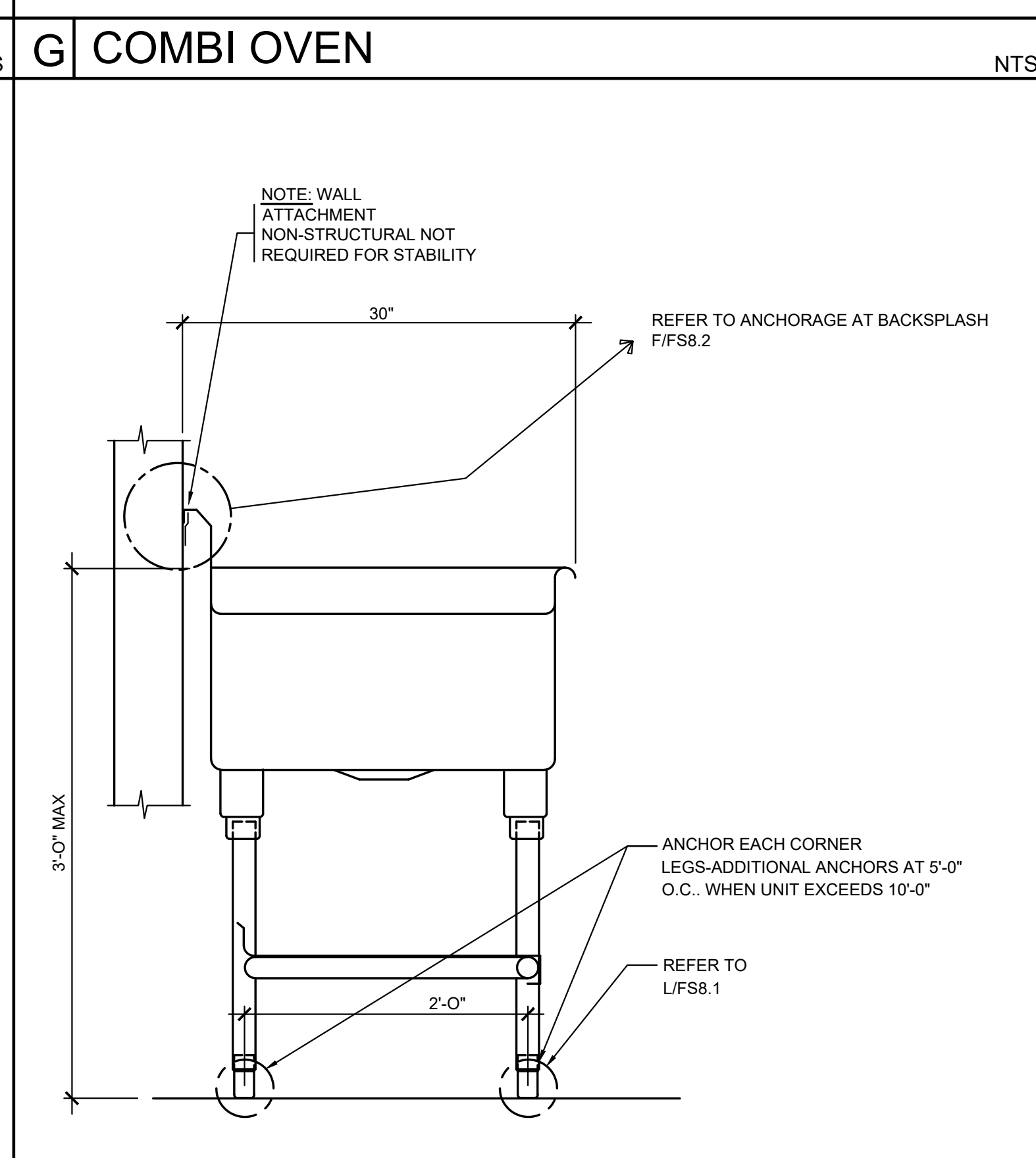
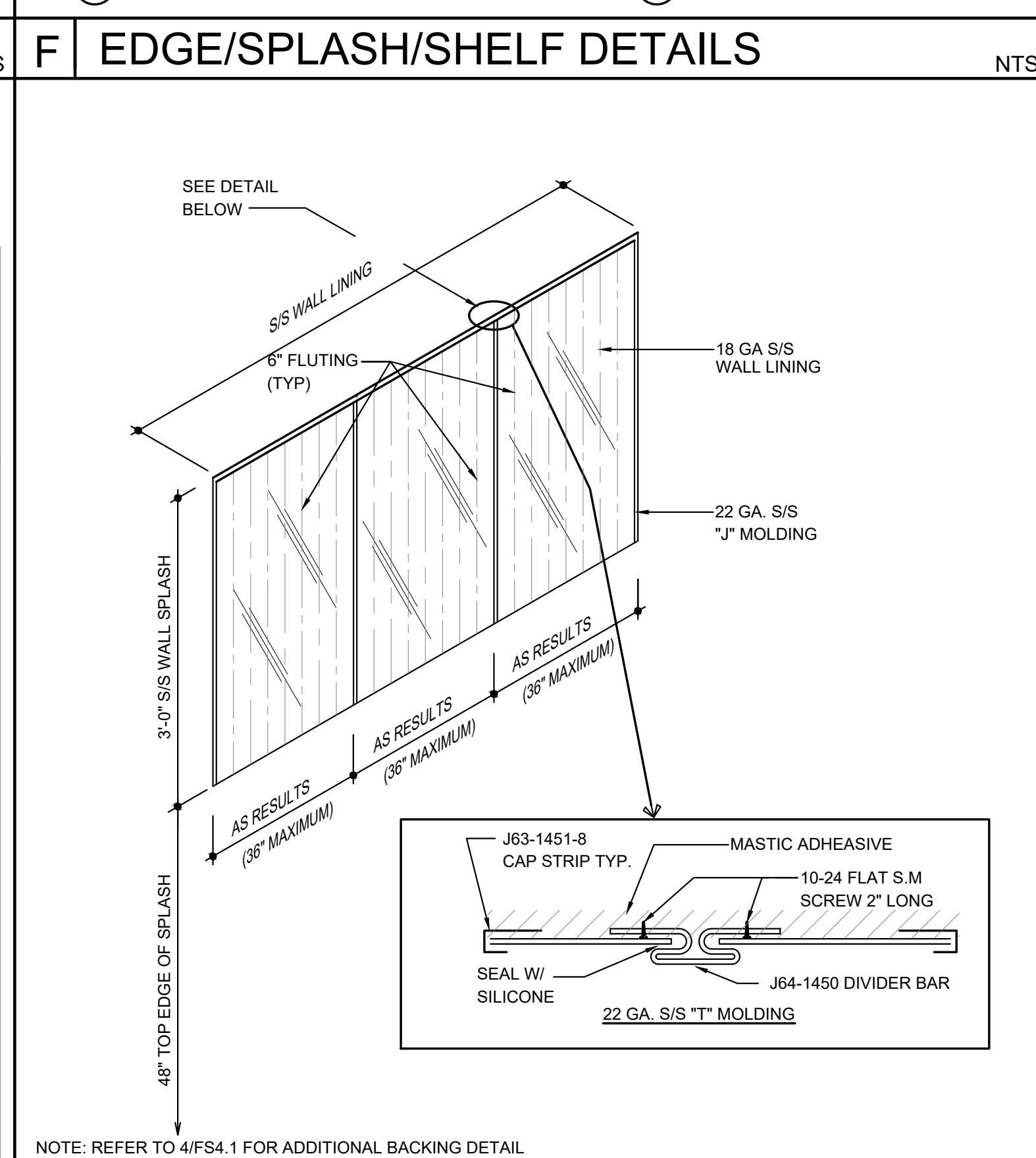
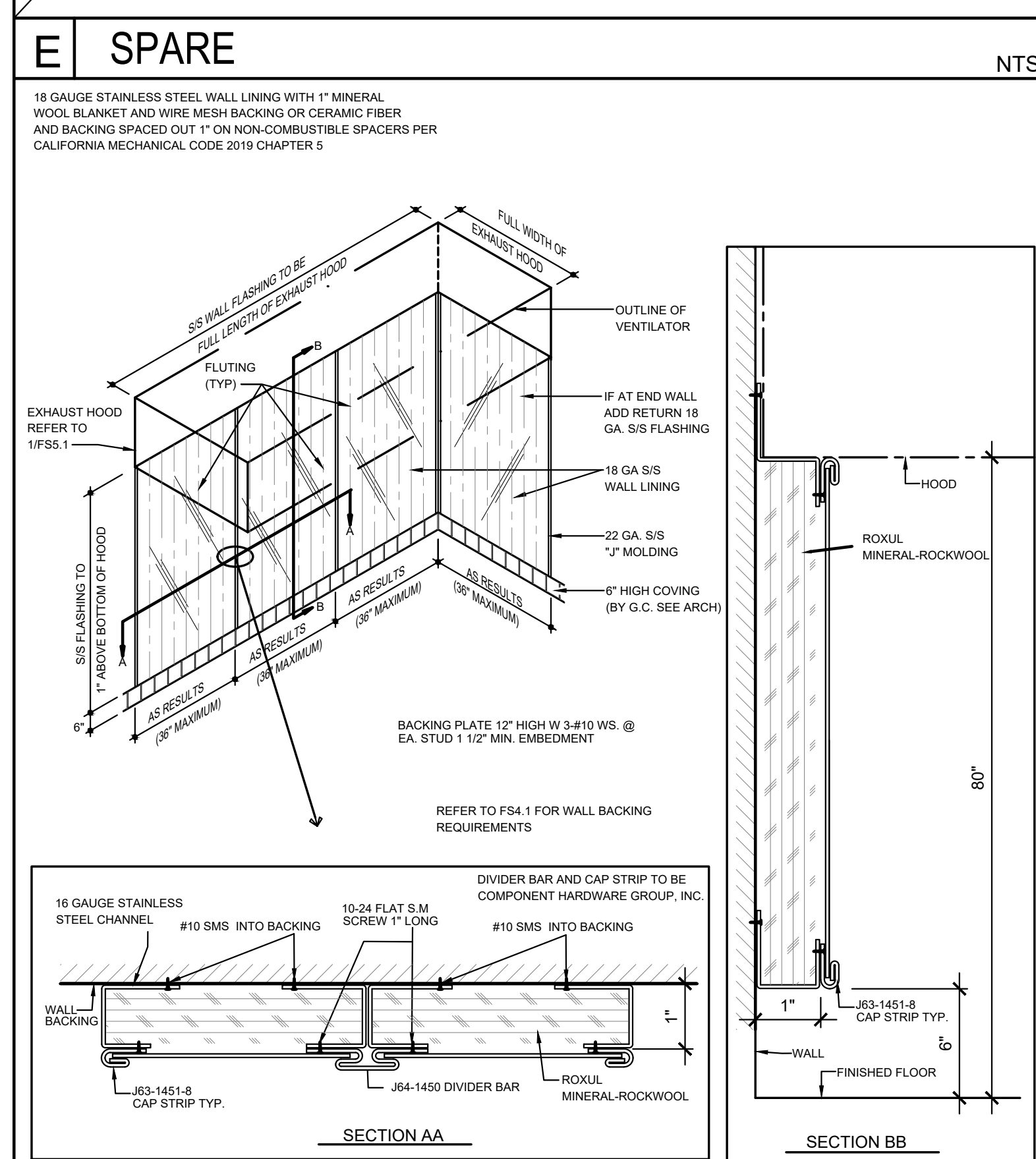
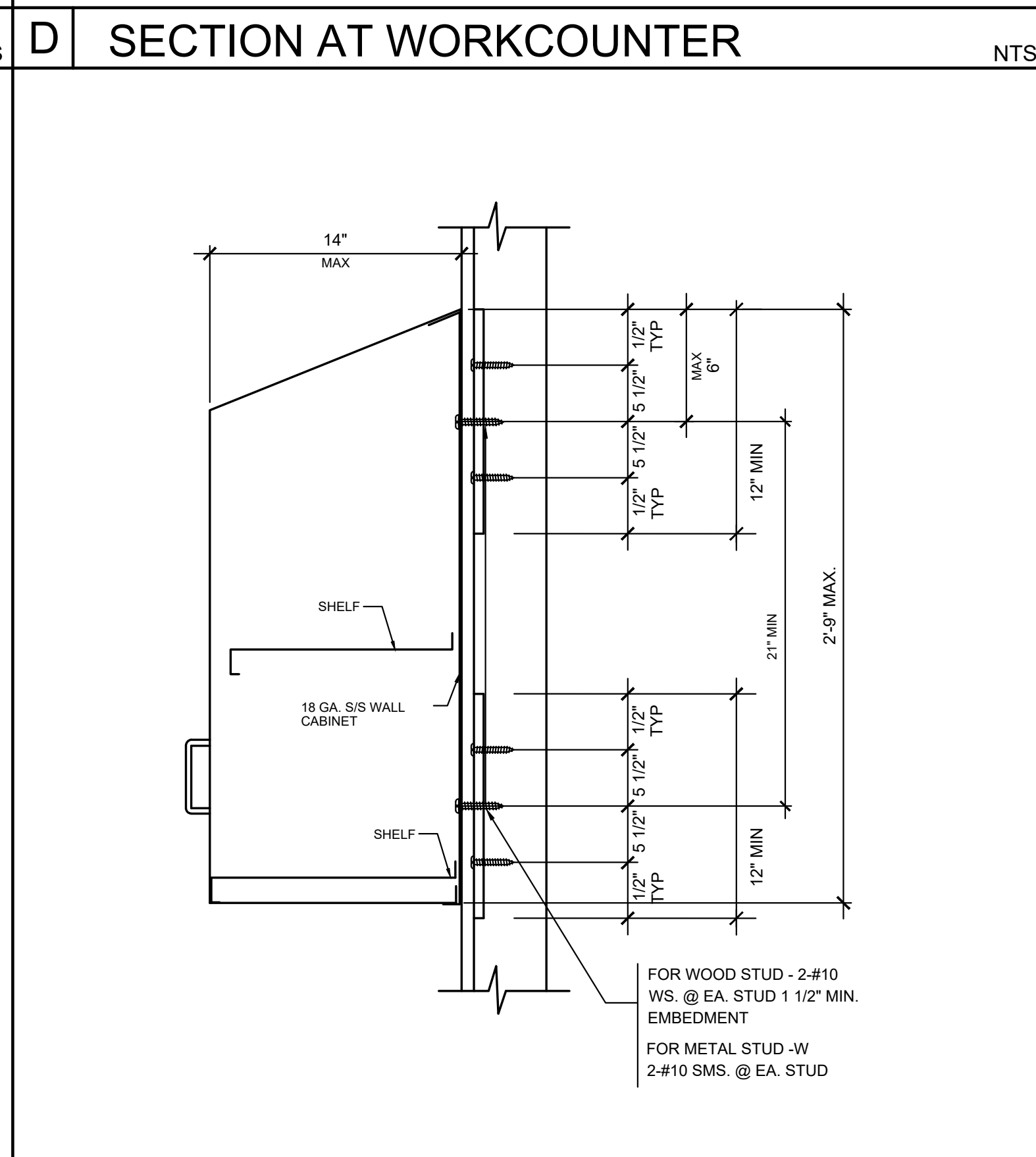
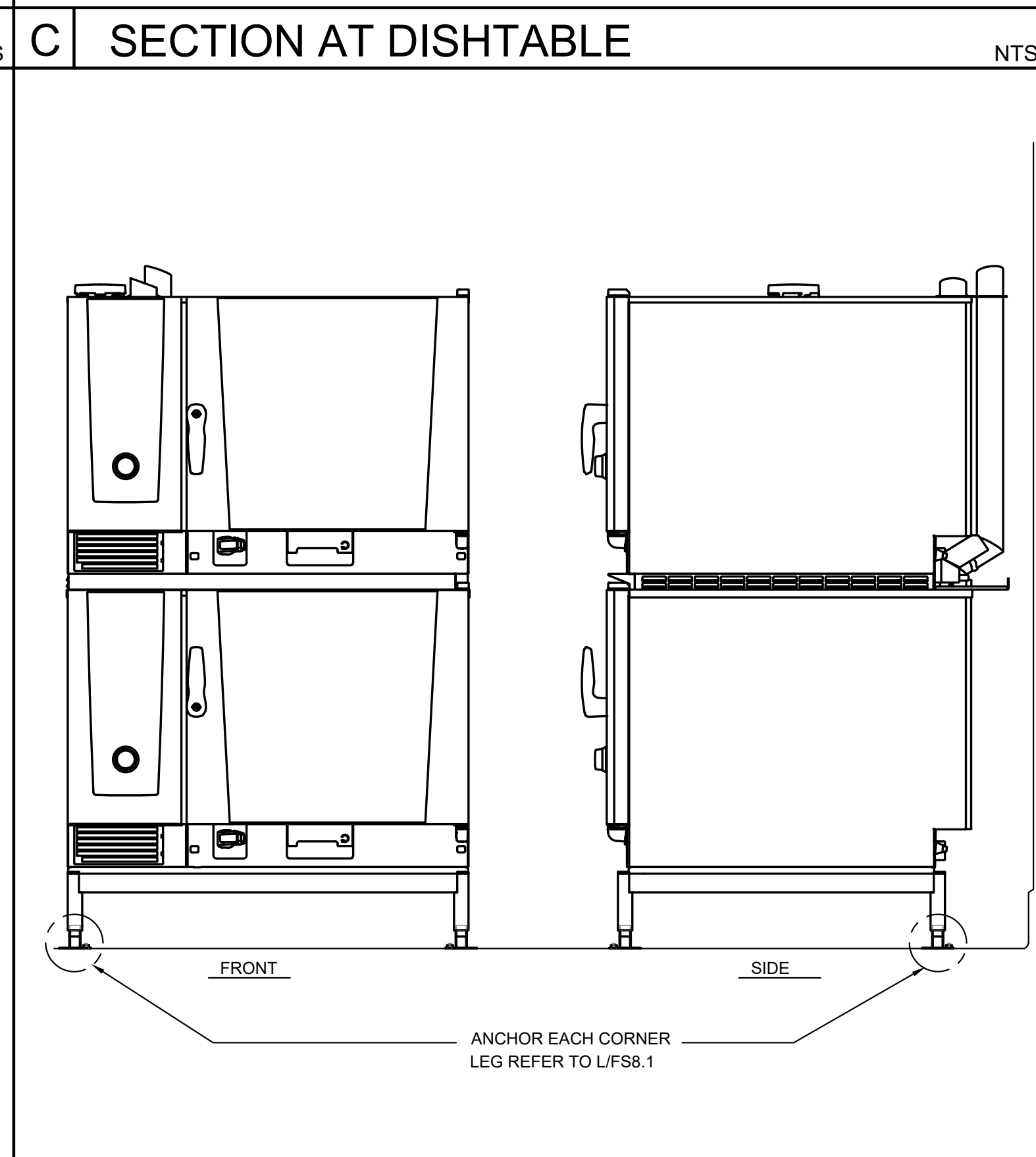
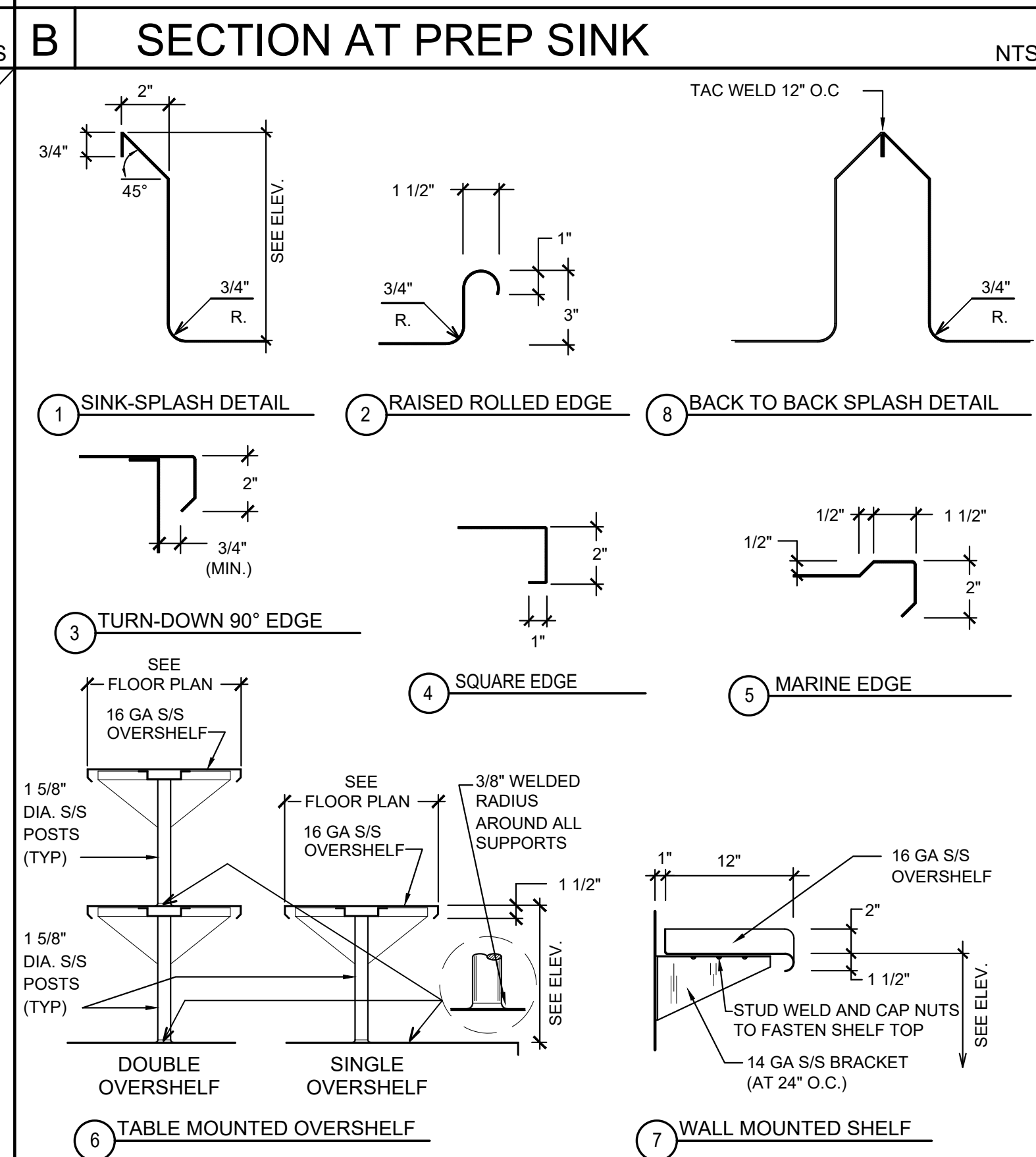
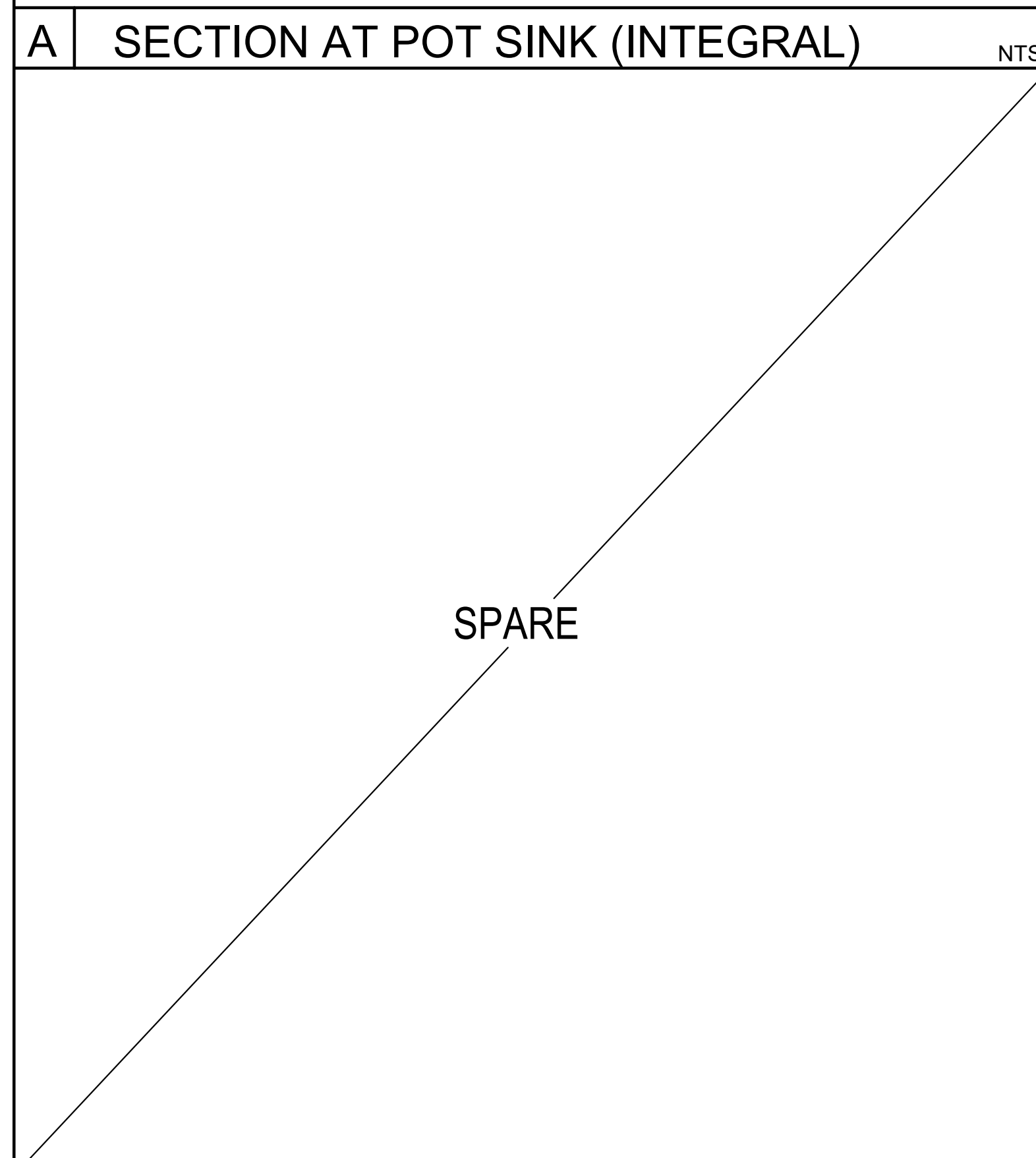
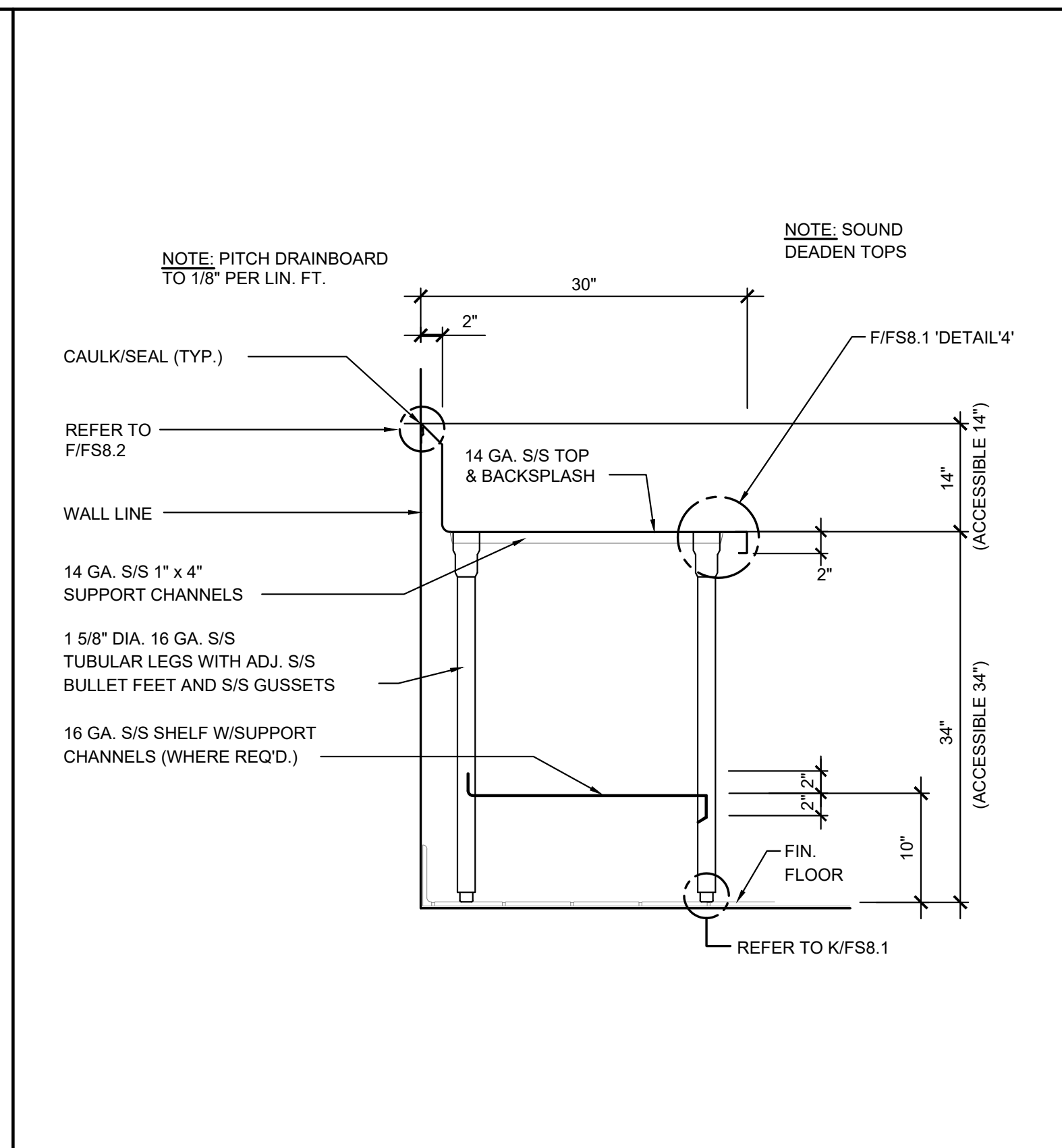
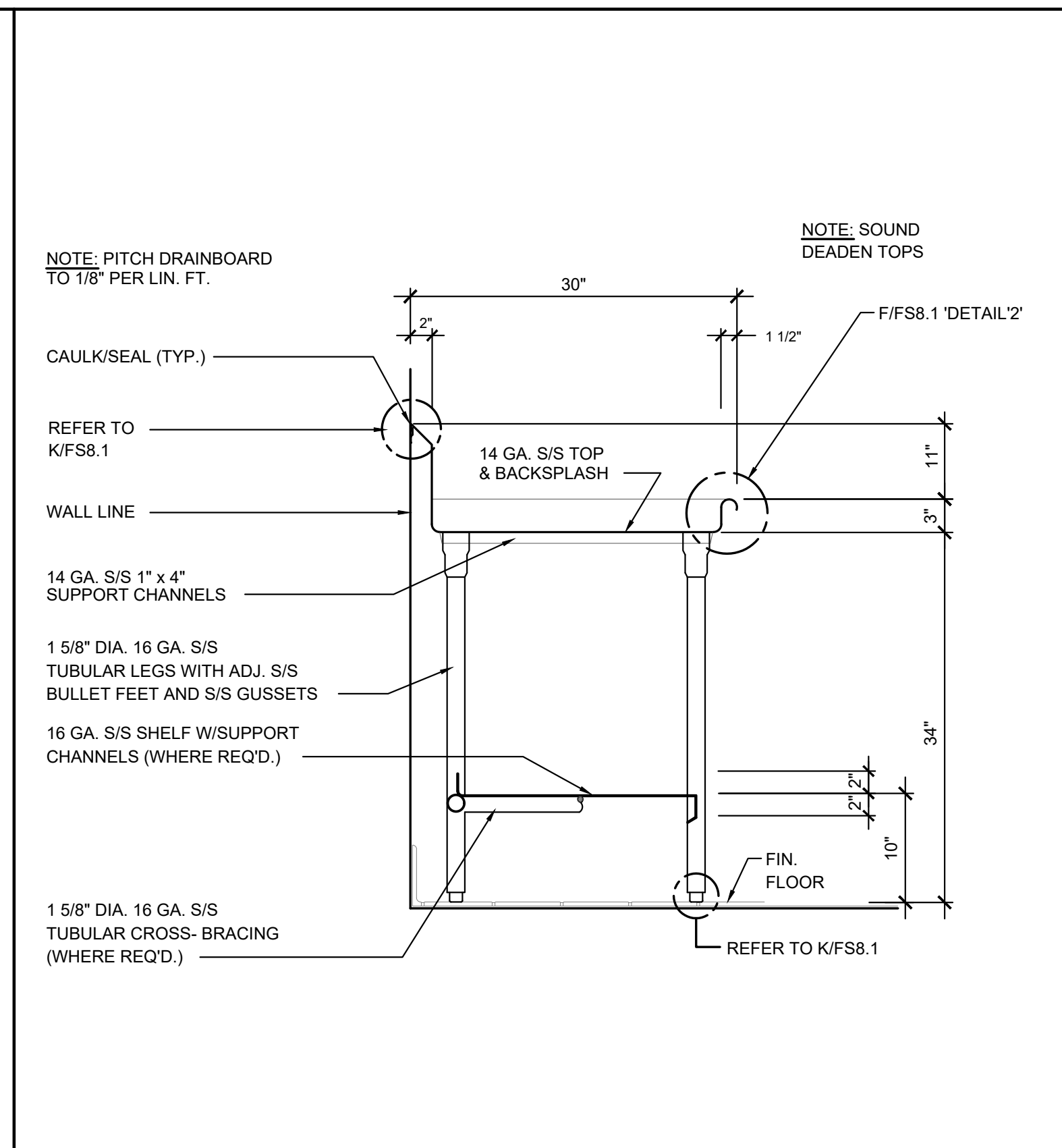
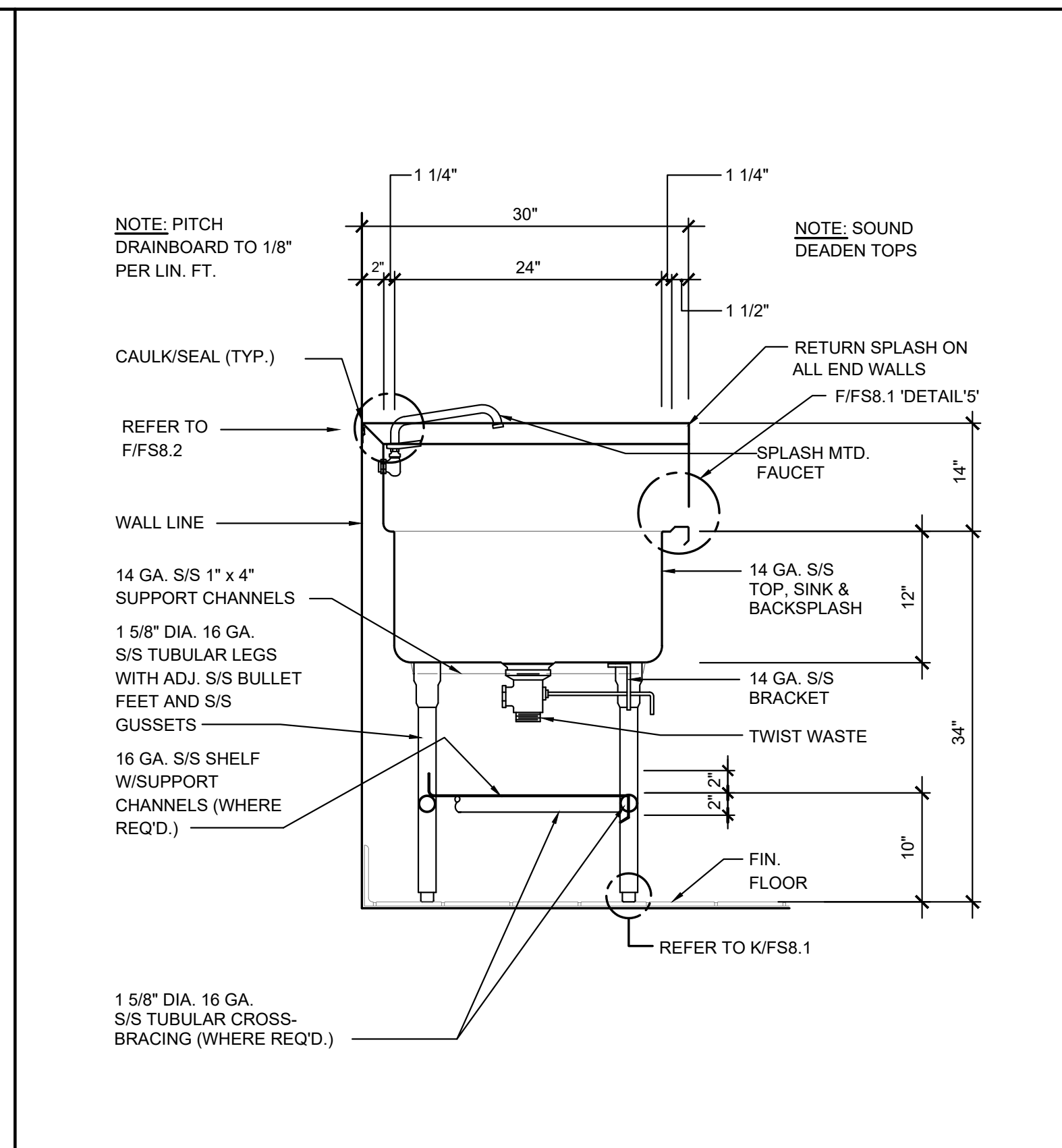
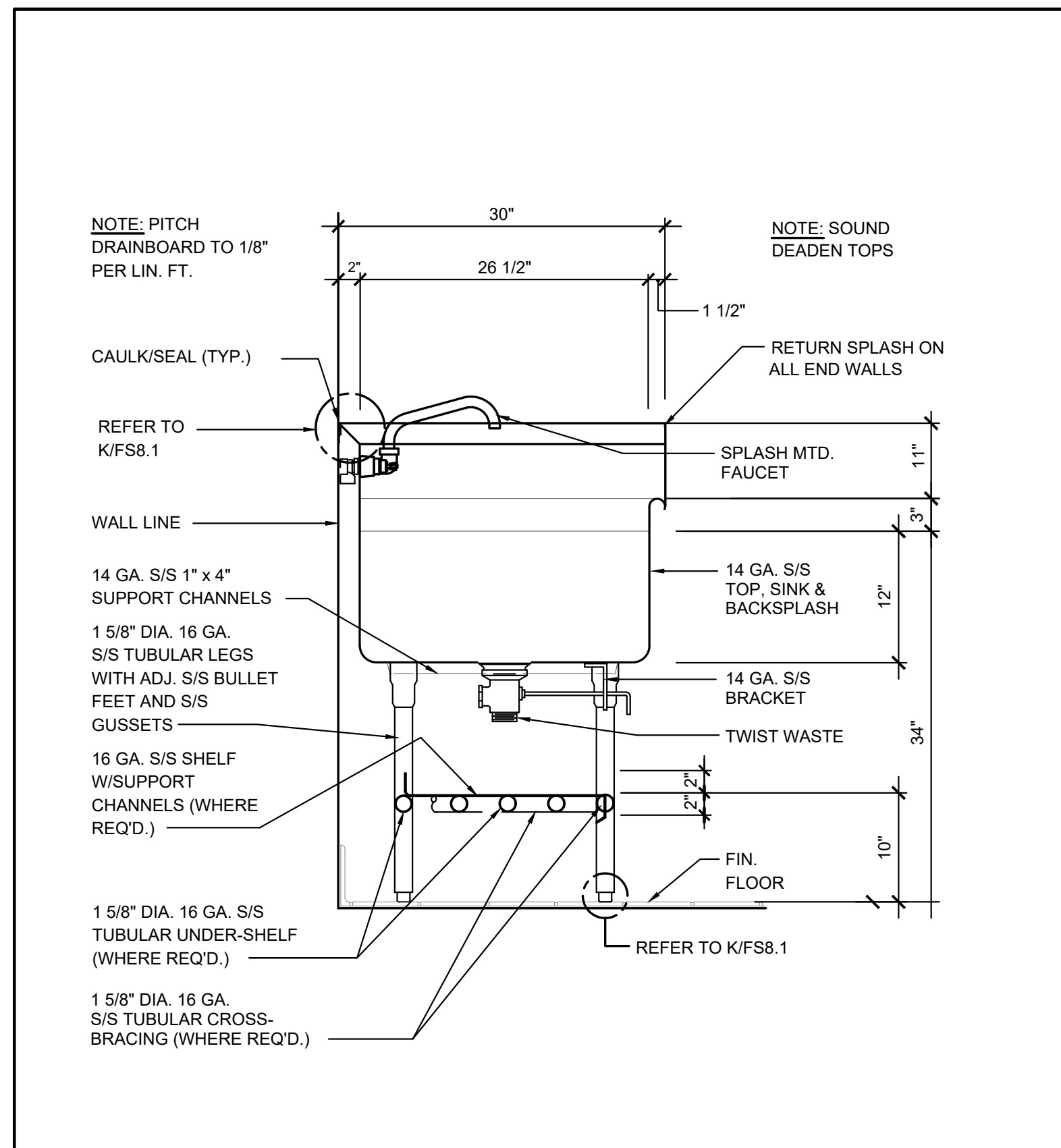
↑ SHEET TITLE:  
**FOODSERVICE EQUIPMENT WALK-IN DETAILS**

JOB NUMBER: SHEET NUMBER:  
 DATE: **FS6.1**  
 REVISION:









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FOODSERVICE DESIGN

PROJECT NAME: \_\_\_\_\_

KEY PLAN

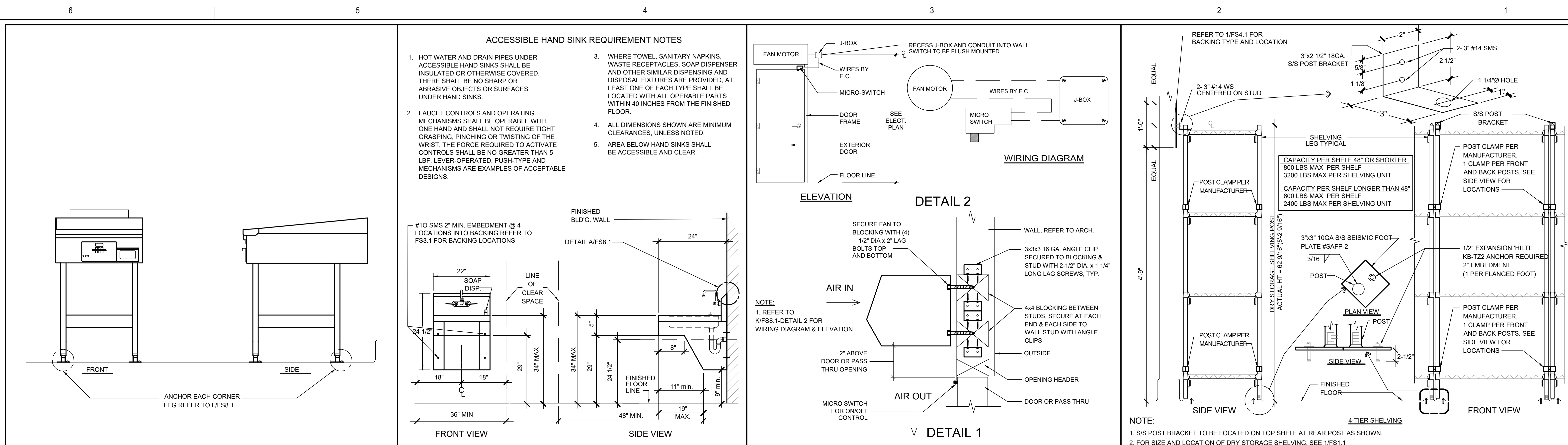
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**FOODSERVICE EQUIPMENT ANCHORAGE DETAILS**

JOB NUMBER: \_\_\_\_\_ SHEET NUMBER:  
**FS8.1**

DATE: \_\_\_\_\_

REVISION: \_\_\_\_\_



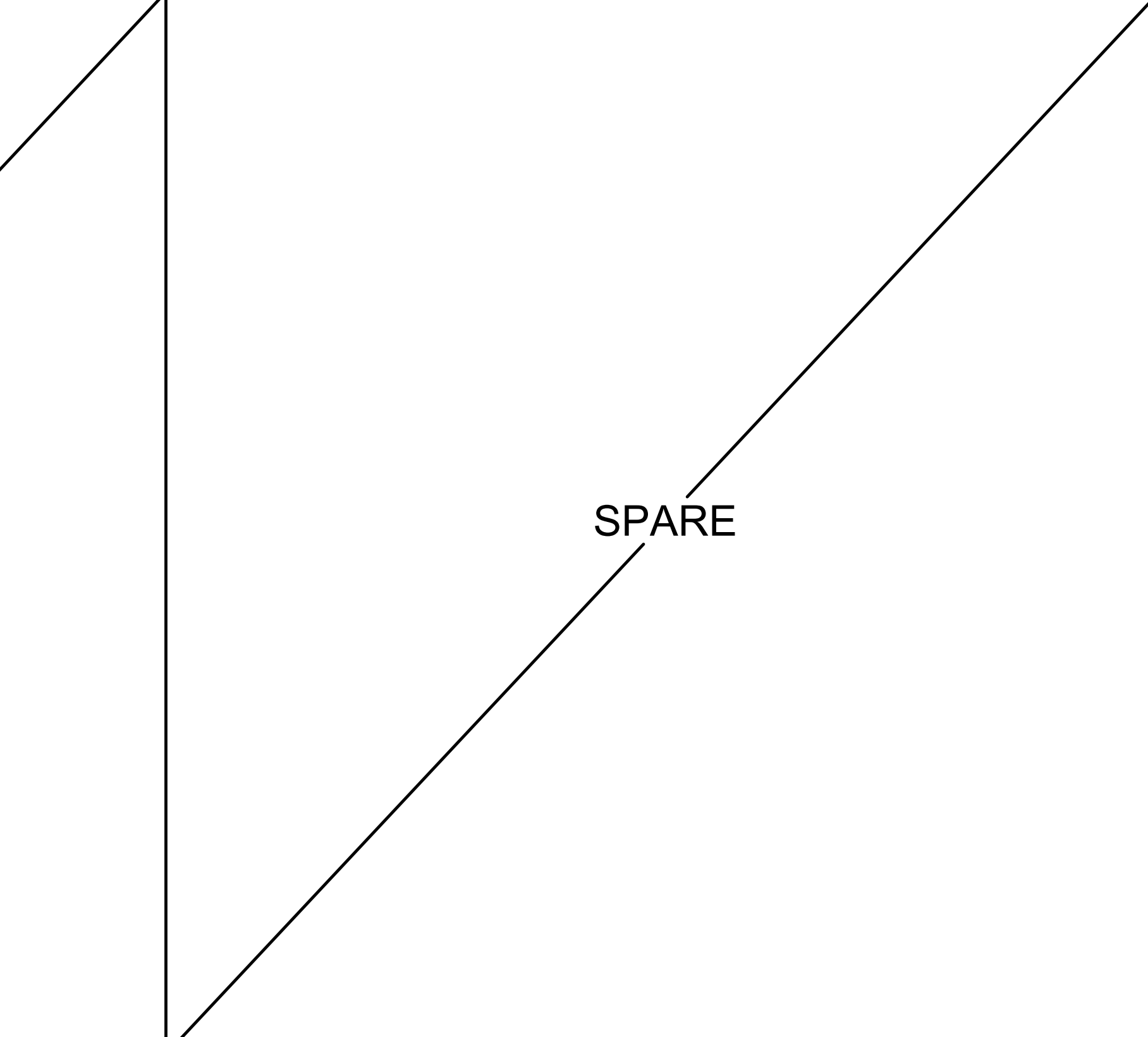
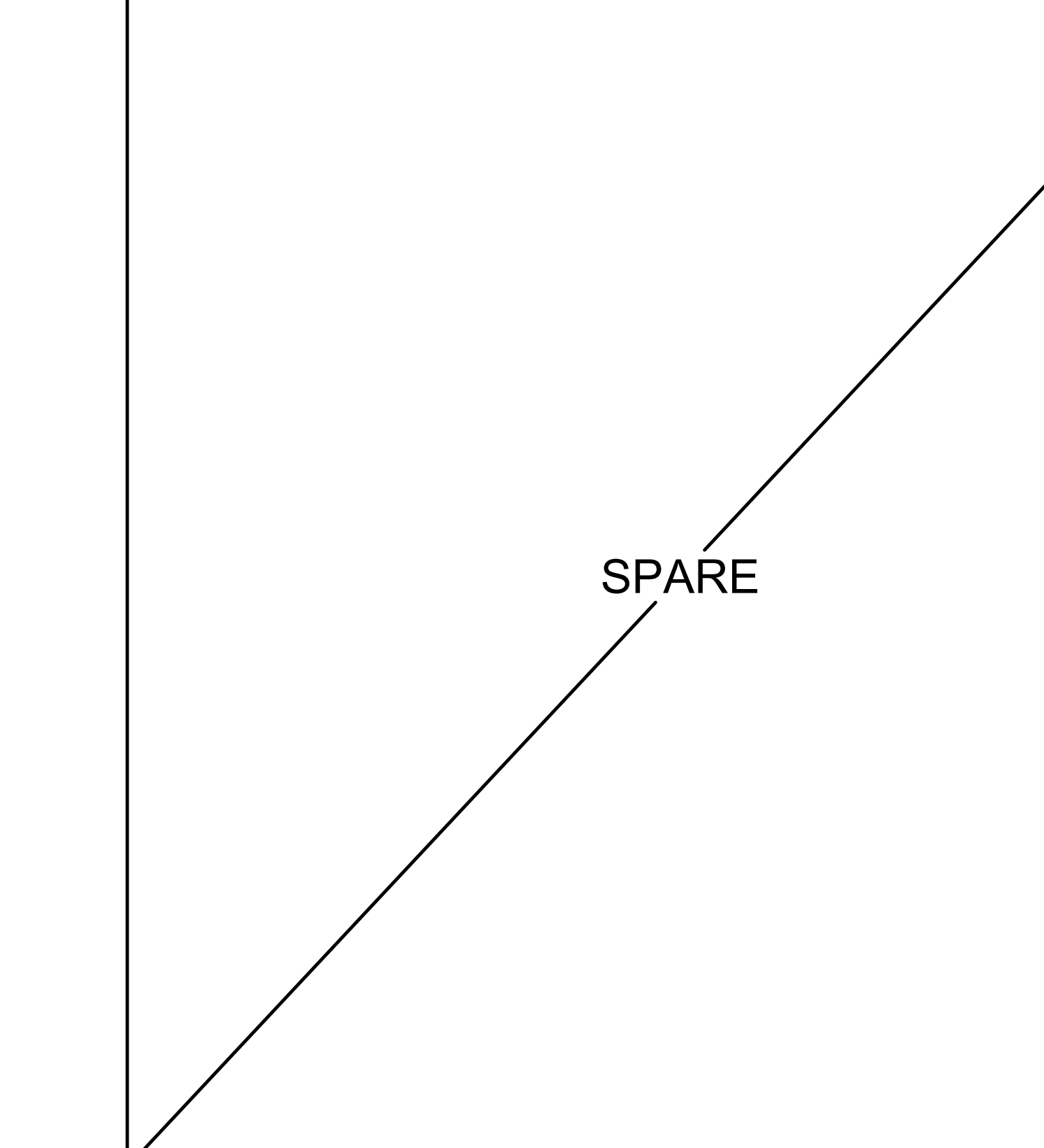
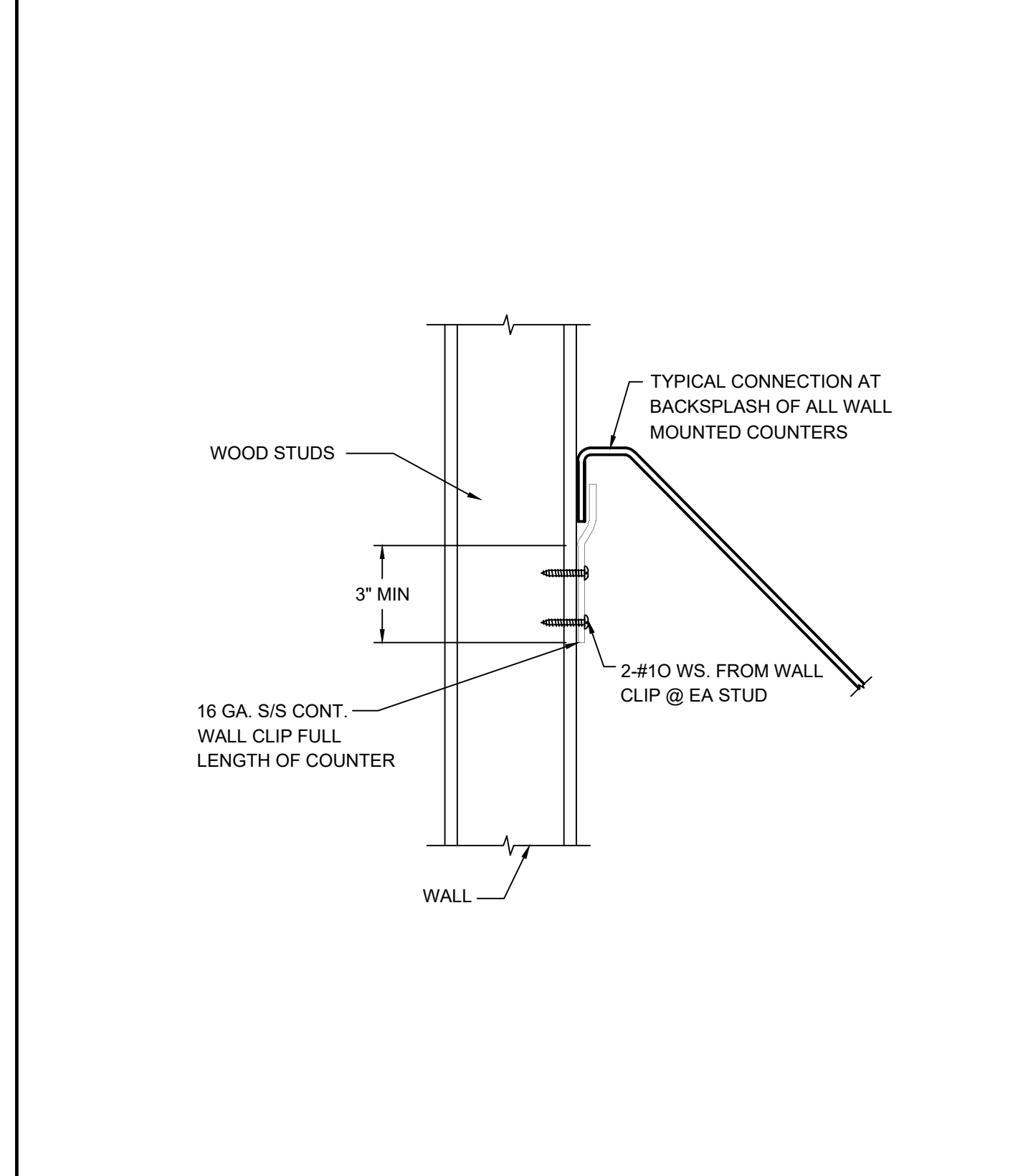
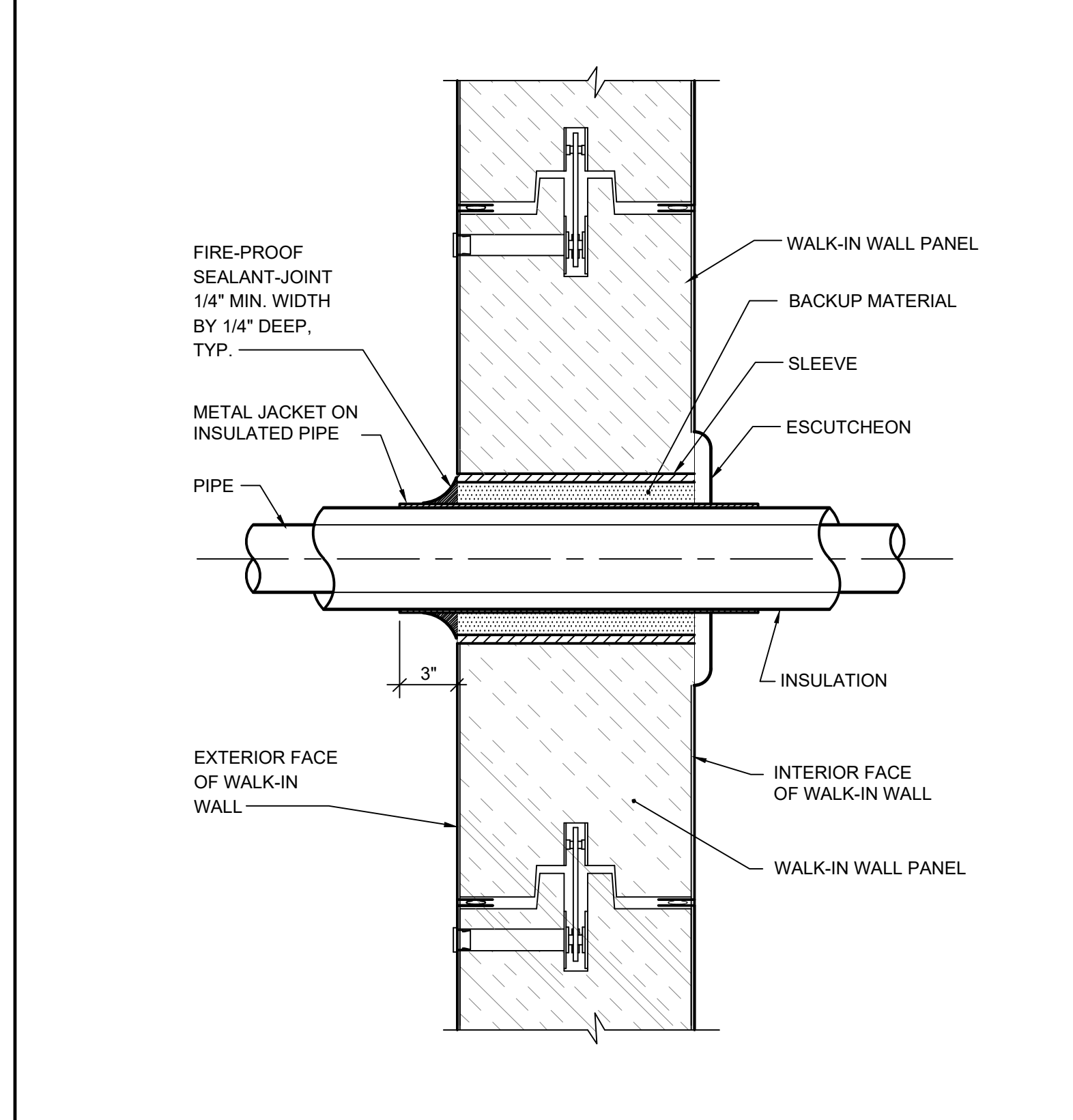


**A ELECTRIC GRIDDLE** NTS

**B ACCESSIBLE HAND SINK DETAILS** NTS

**C AIR CURTAIN MTG & MICRO SWITCH DTL** NTS

**D DRY STORAGE SHELVING ATTACHMENT** NTS

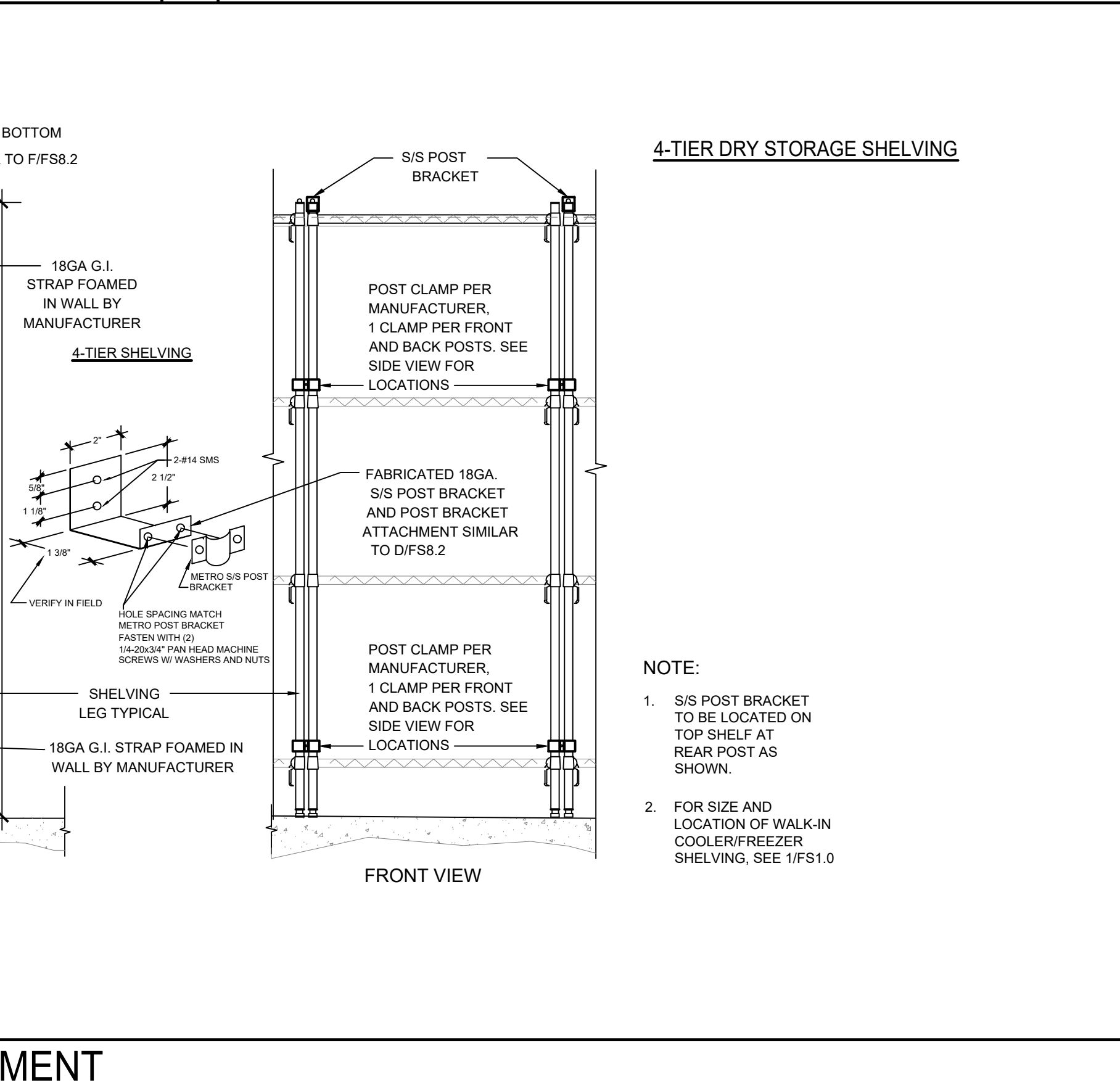
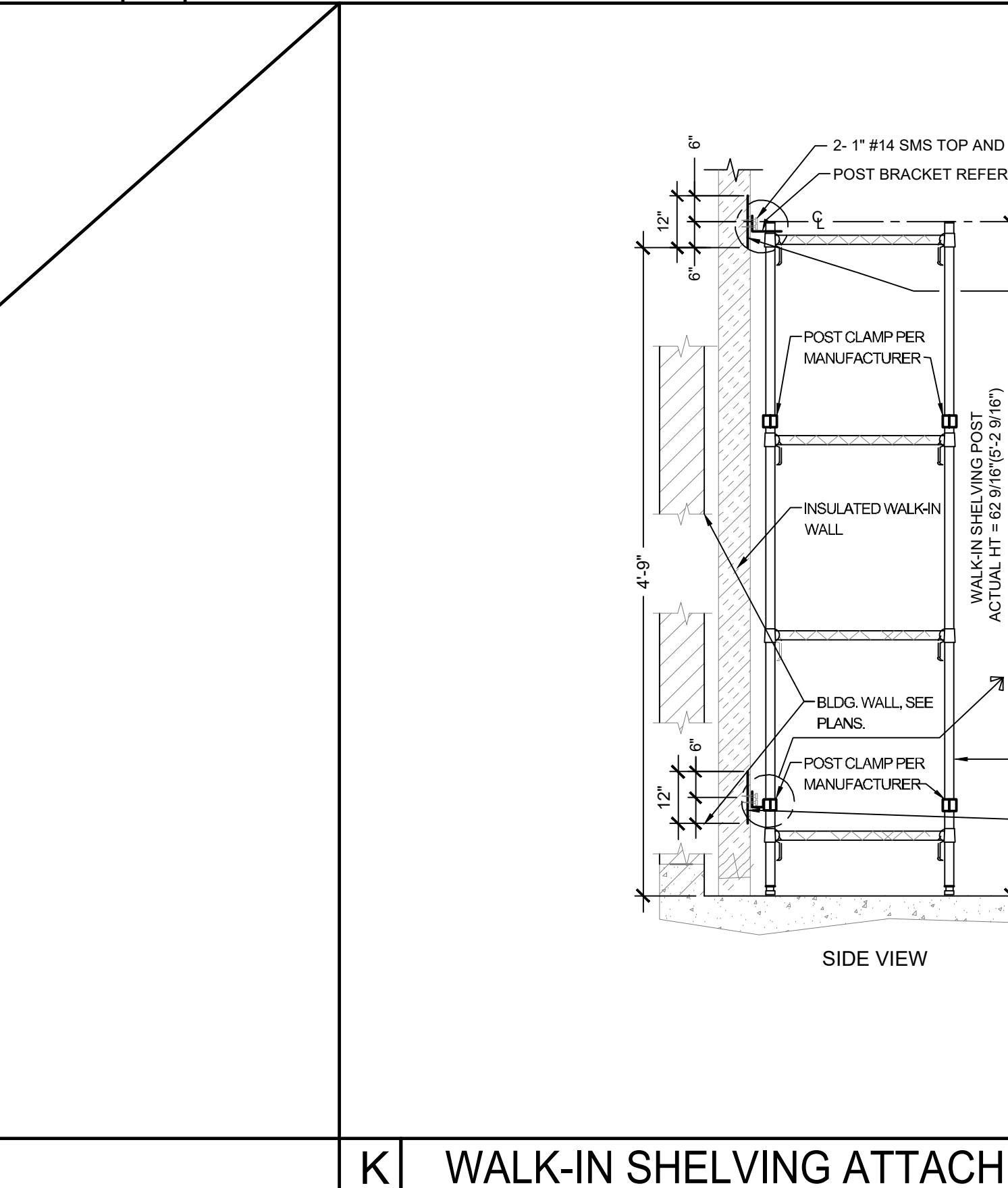
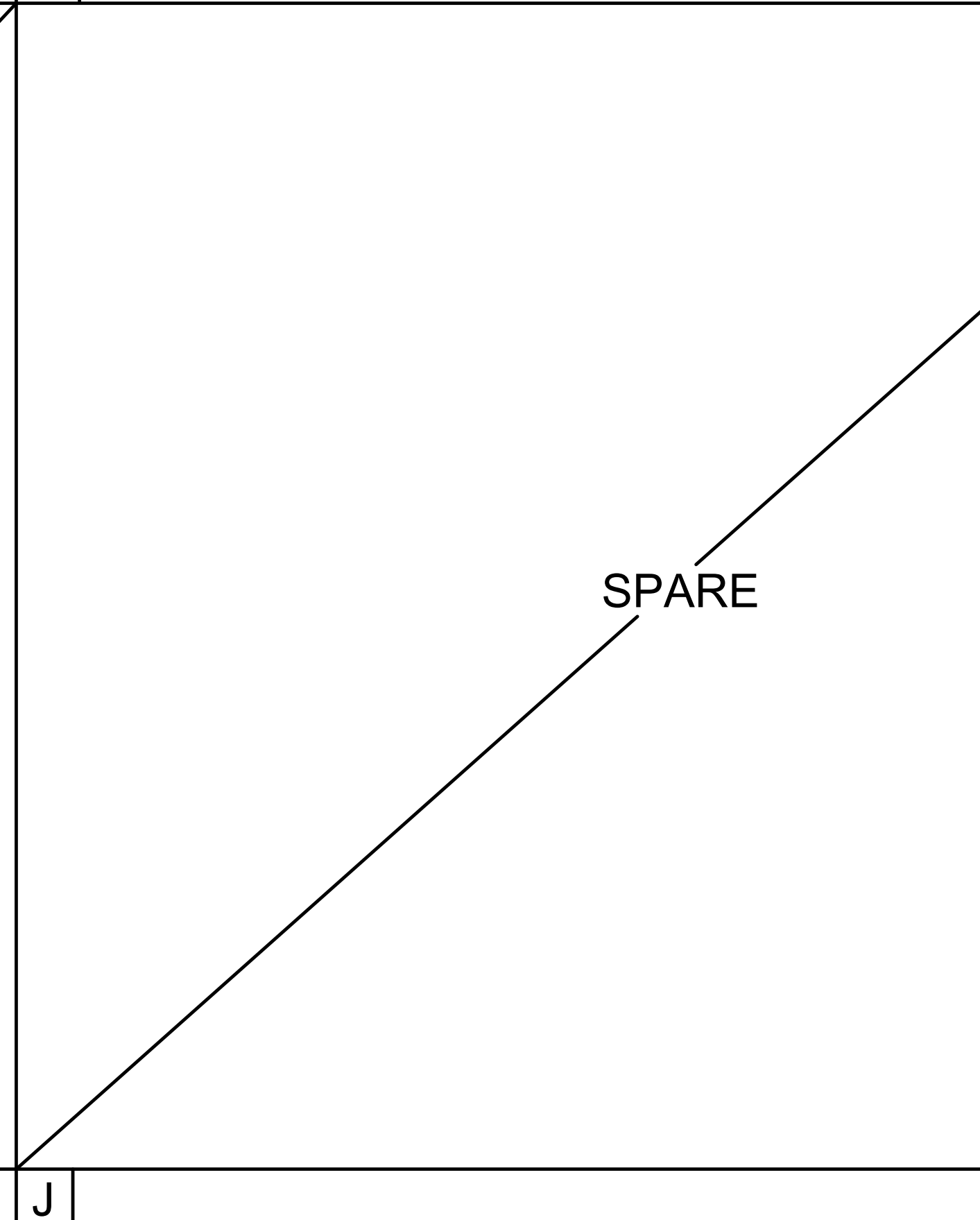
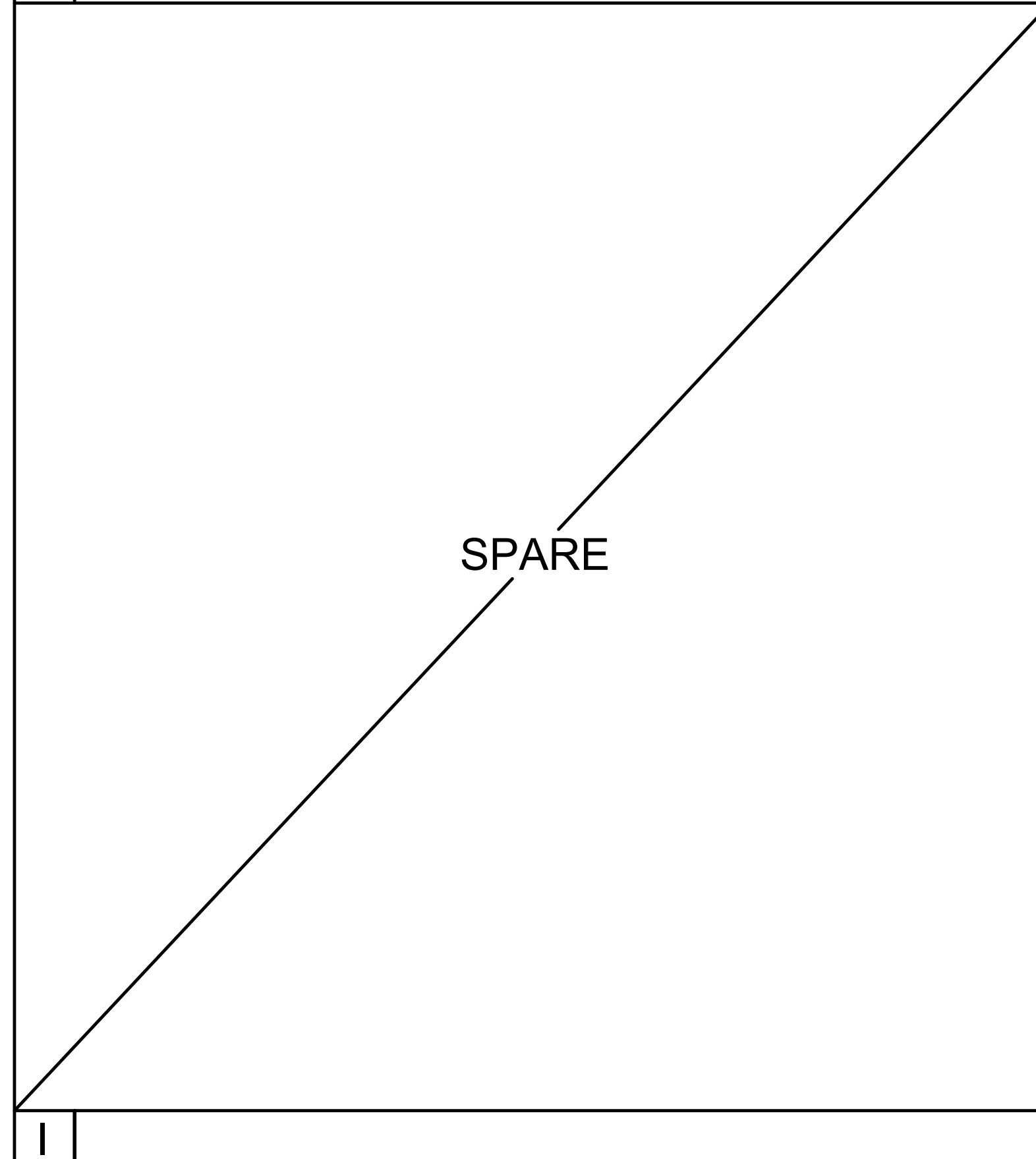


**E PIPE THROUGH WALK-IN PANEL** NTS

**F ANCHORAGE AT BACKSPASH** NTS

**G** NTS

**H** NTS



**K WALK-IN SHELVING ATTACHMENT** NTS

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**AMD**  
FOODSERVICE DESIGN

PROJECT NAME:

KEY PLAN:

↑

SHEET TITLE:

**FOODSERVICE EQUIPMENT ANCHORAGE DETAILS**

JOB NUMBER: SHEET NUMBER:

DATE: **FS8.2**

REVISION:







6 5 4 3 2 1

A

B

C

D

E

A

B

C

D

E

KEY PLAN:

↑

SHEET TITLE:  
**FOODSERVICE EQUIPMENT ELEVATIONS**

JOB NUMBER: \_\_\_\_\_ SHEET NUMBER:  
**FS9.1**

DATE: \_\_\_\_\_

REVISION: \_\_\_\_\_



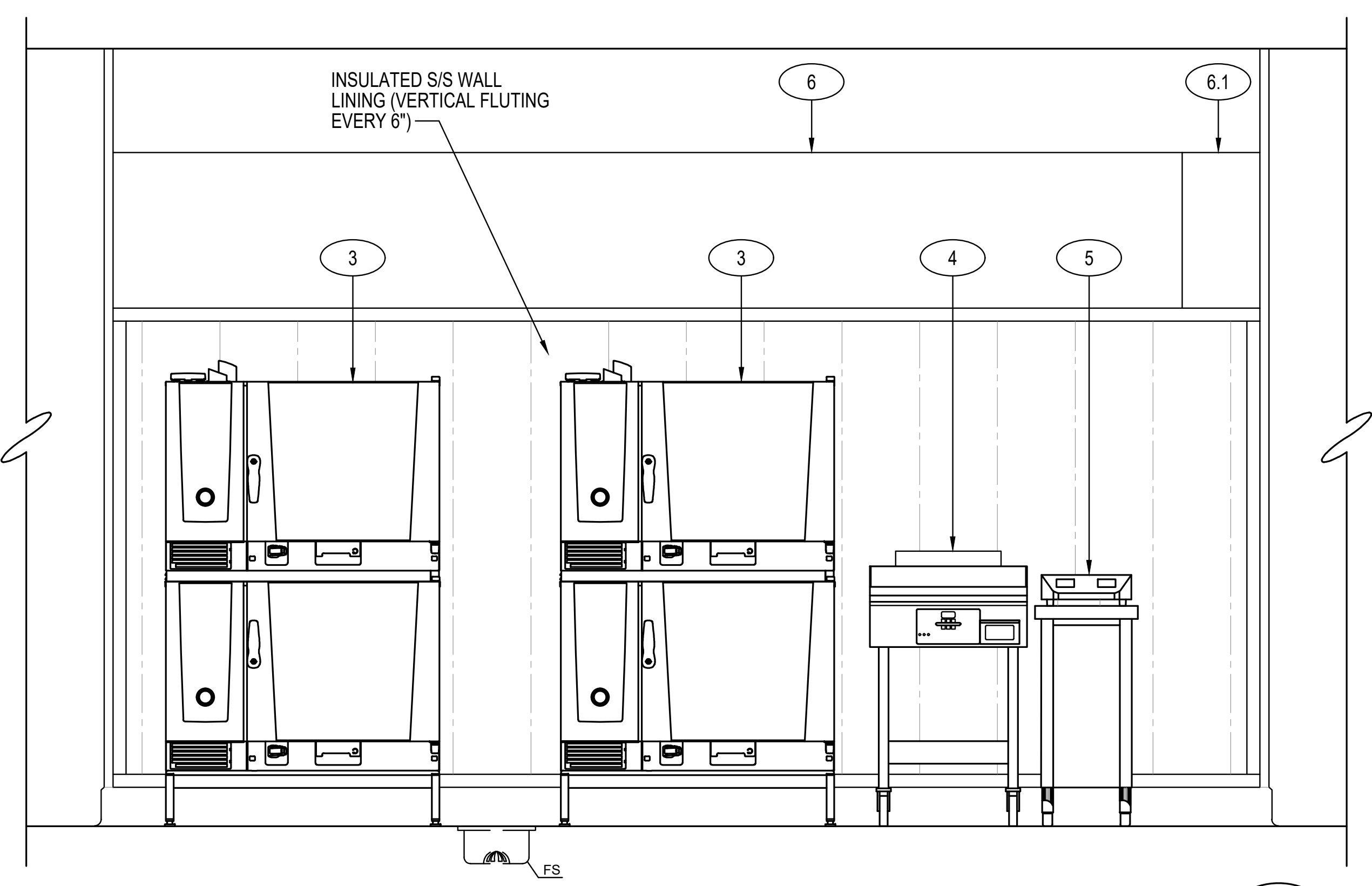
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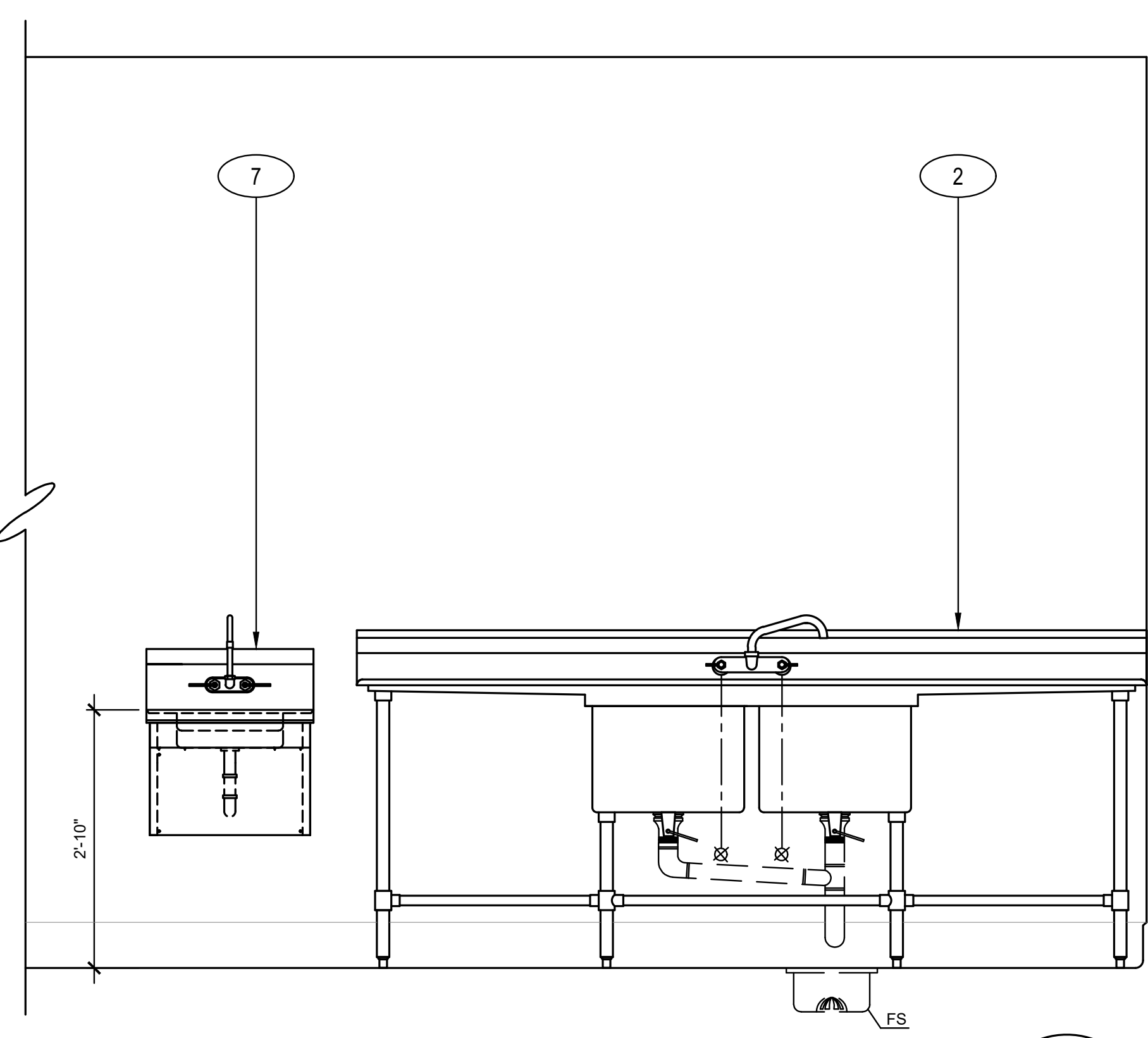
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**ELEVATION**

SCALE : 3/4"=1'-0"

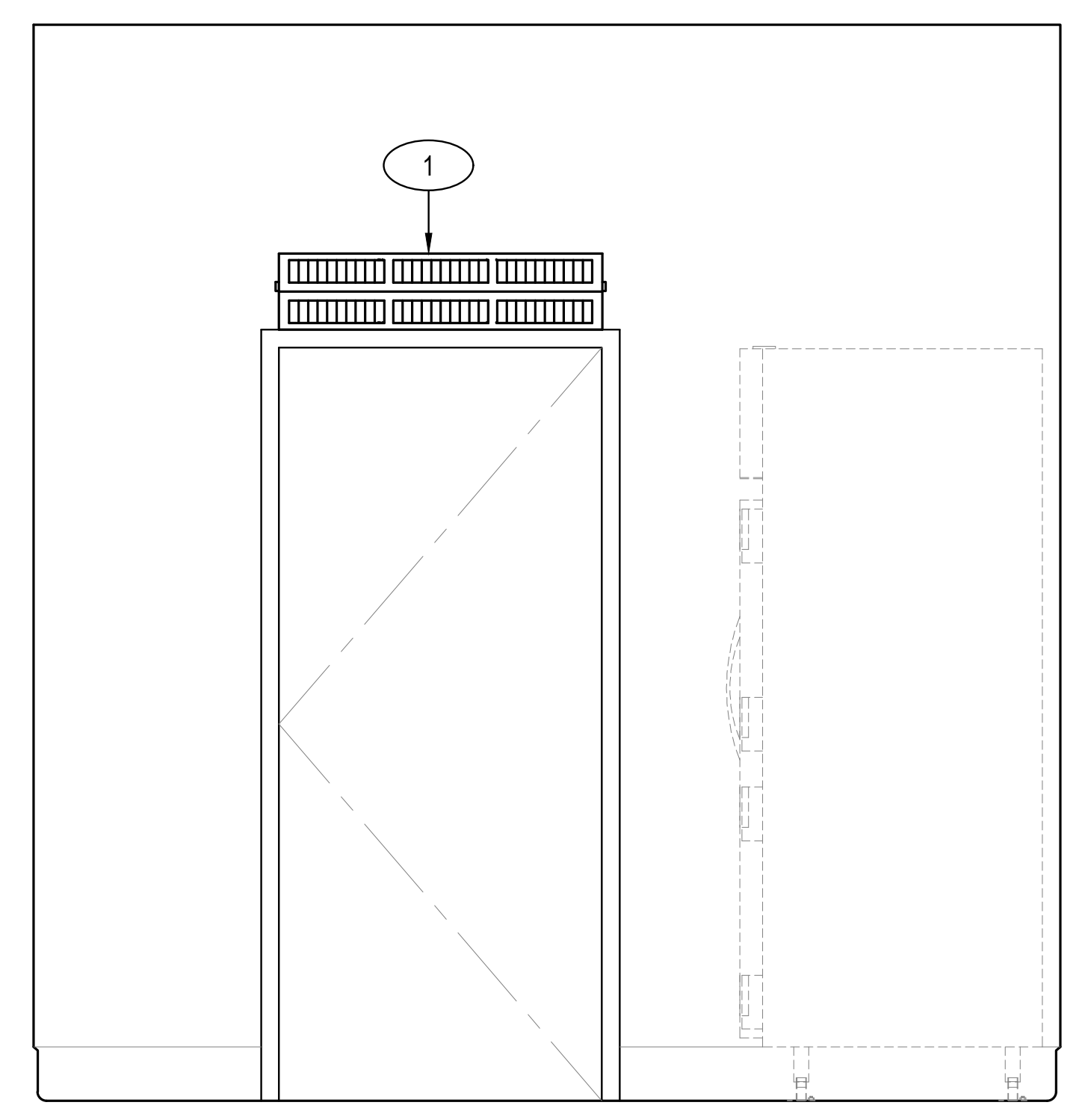
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FS9.1



**ELEVATION**

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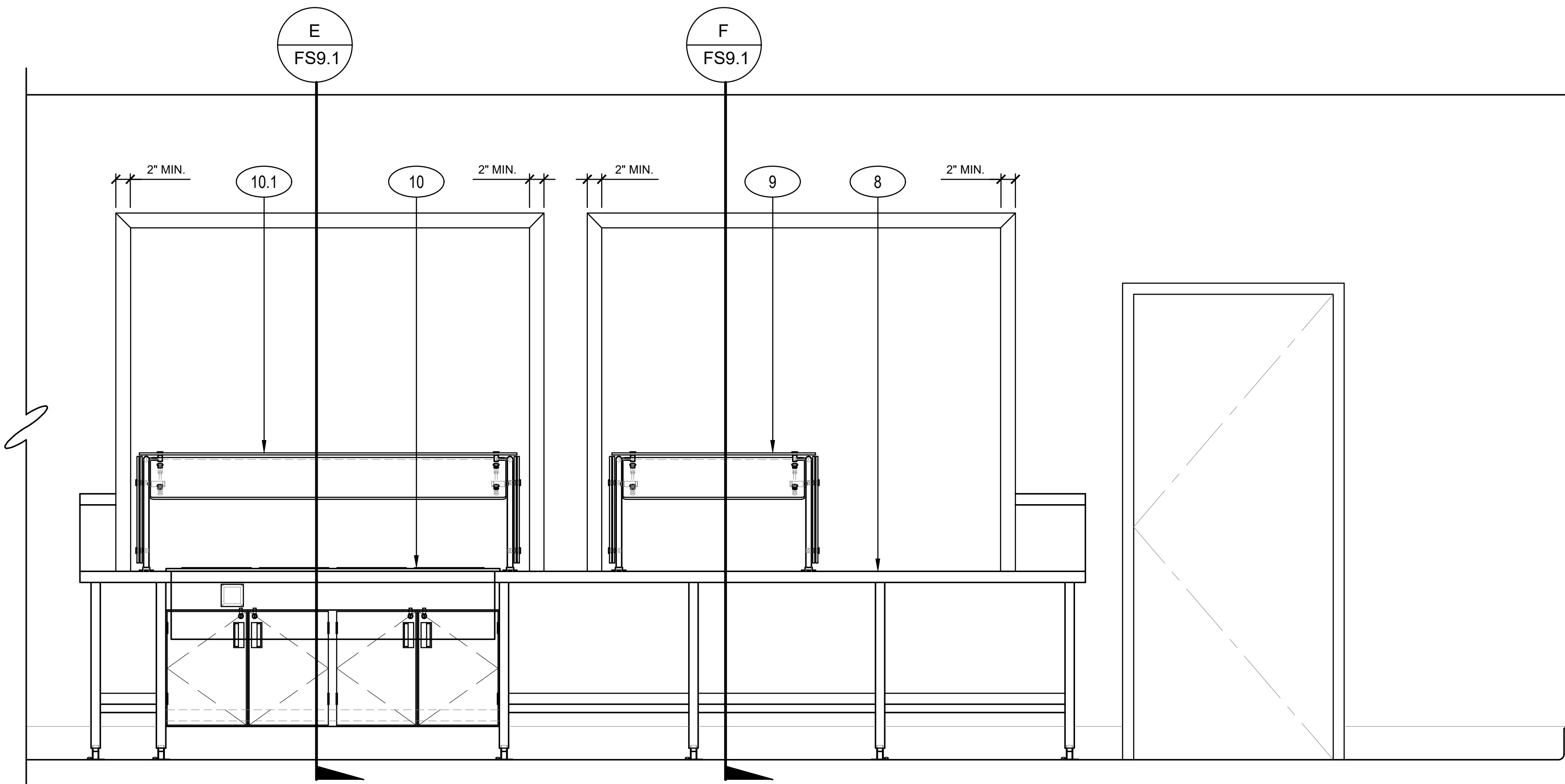
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**ELEVATION**

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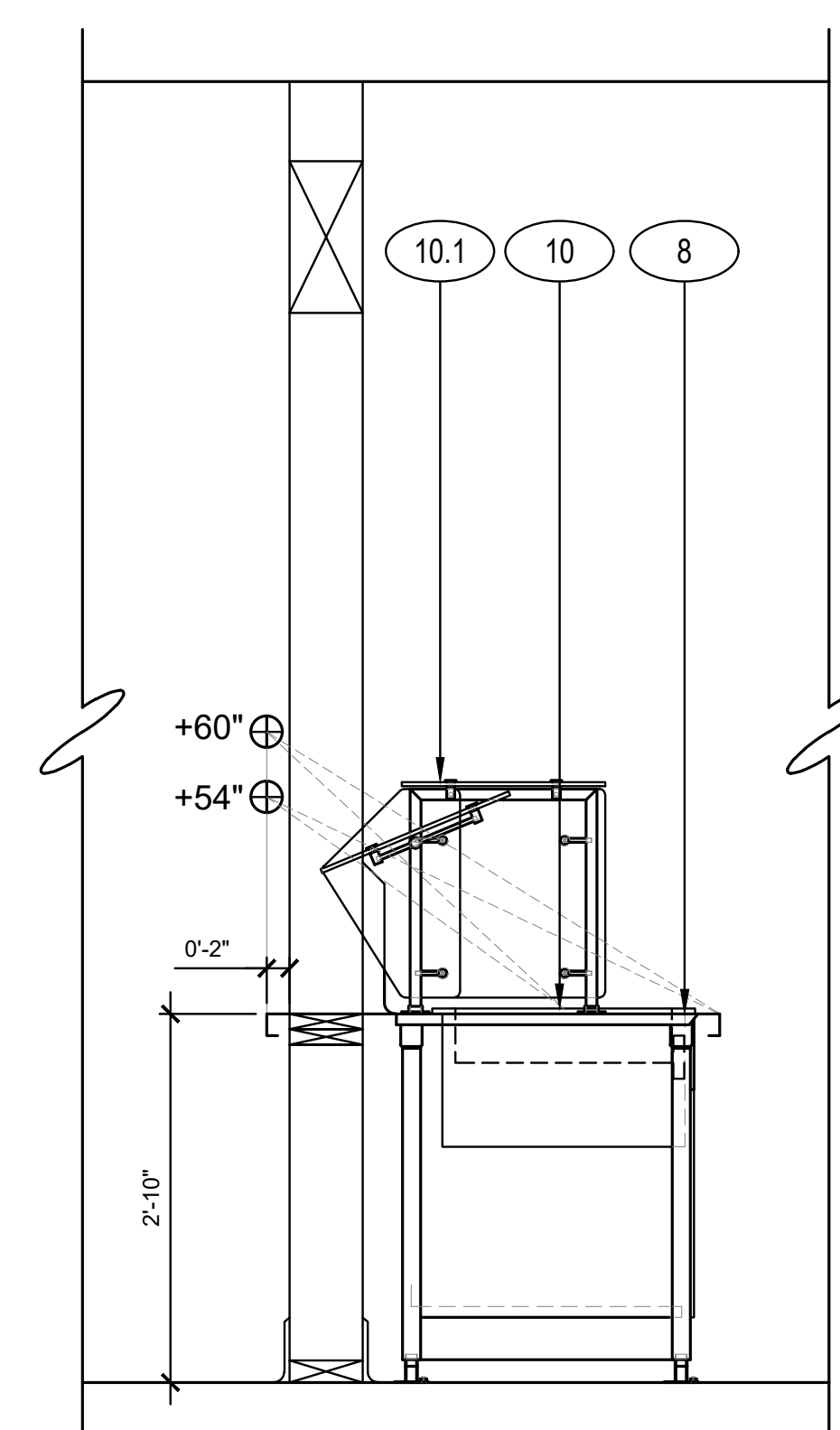
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FS9.1



**ELEVATION**

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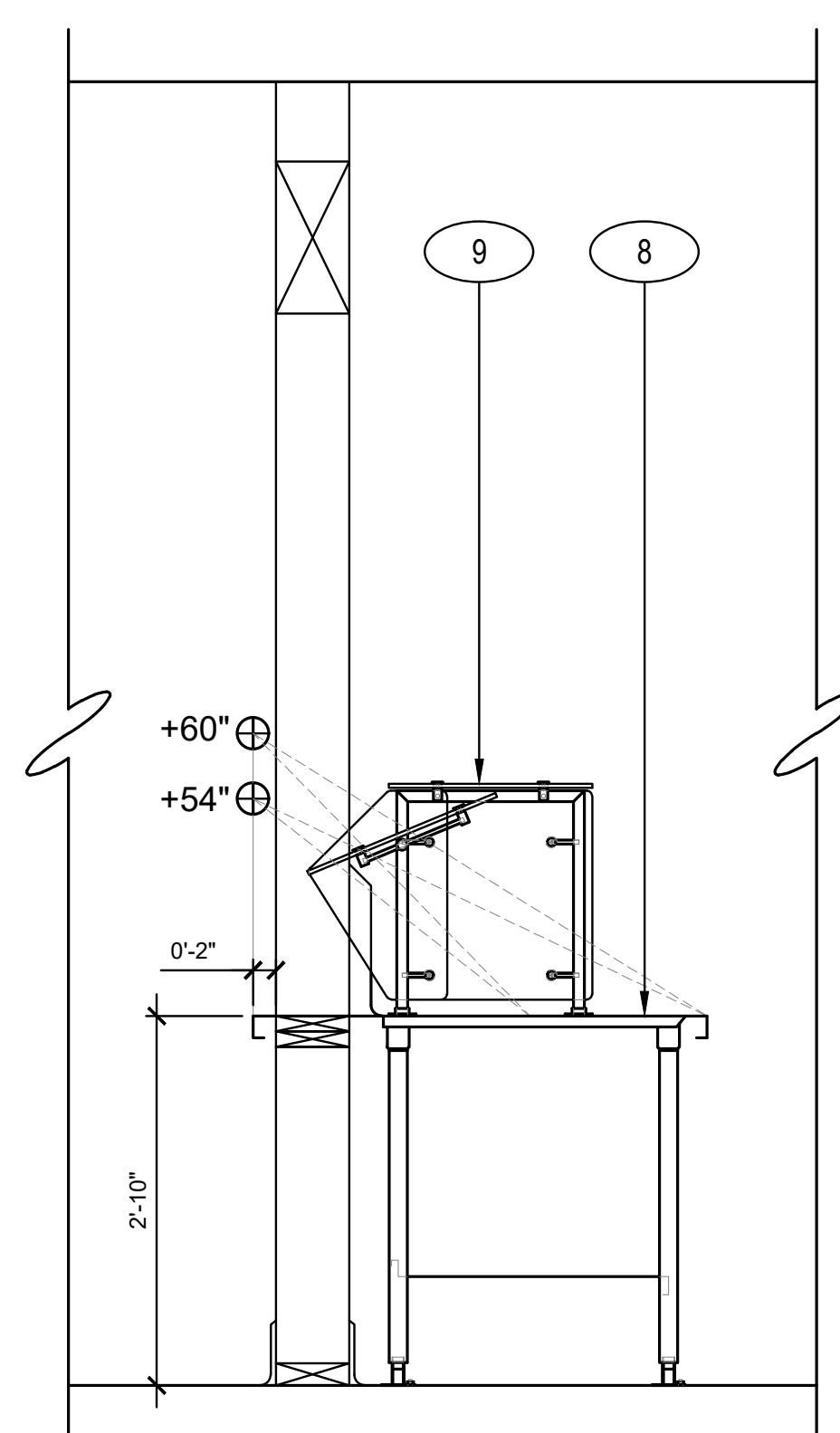
**D**  
FS9.1



**SECTION**

SCALE : 3/4"=1'-0"

**E**  
FS9.1



**SECTION**

SCALE : 3/4"=1'-0"

**F**  
FS9.1

**NOTE**  
 FOR FOODSERVICE EQUIPMENT SCHEDULE SEE SHEET FS1.1

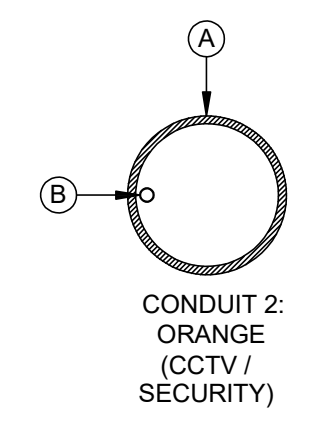
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NOT USED

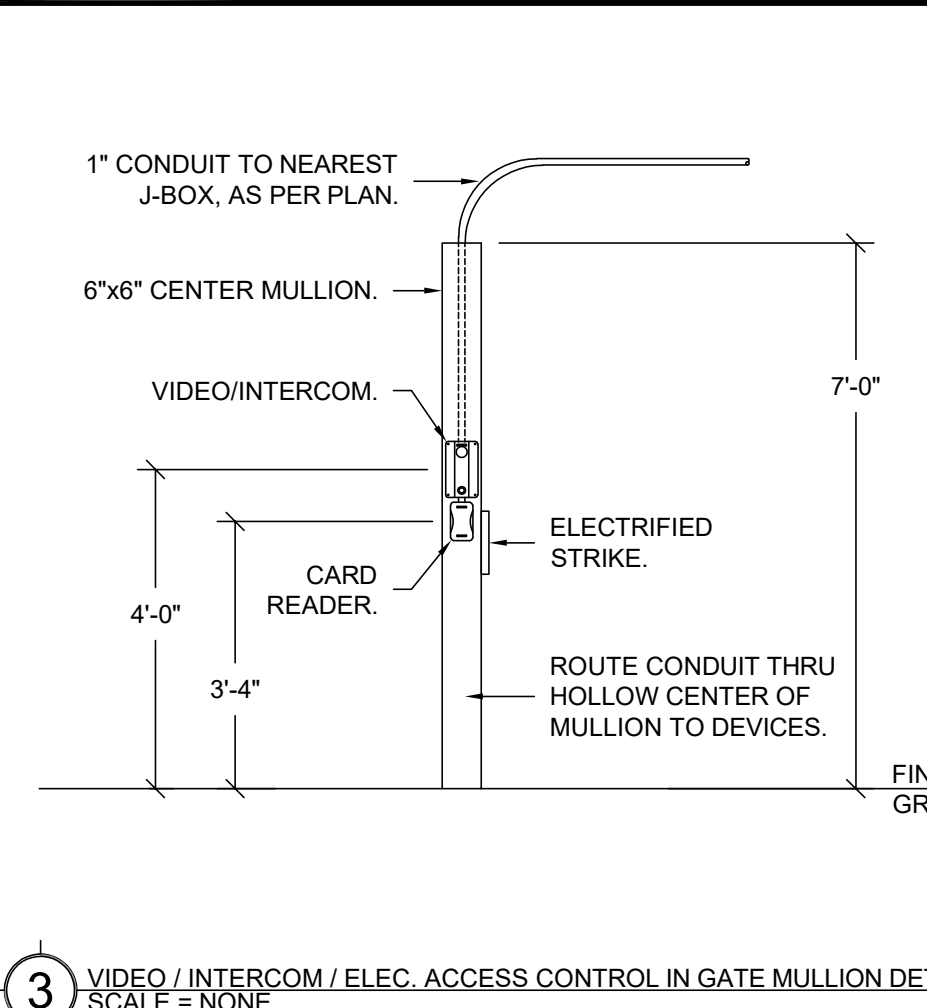
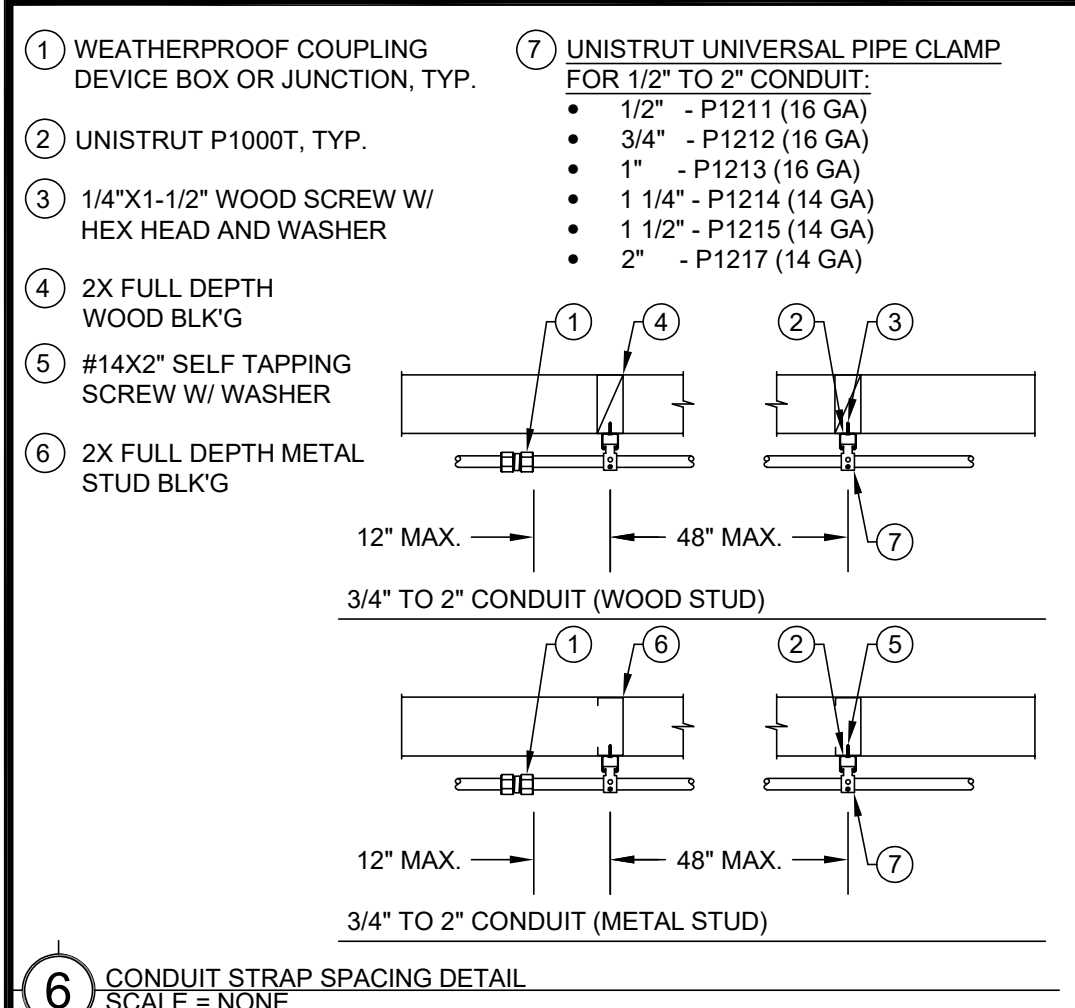
- (A) (1) EA, 3/4" CONDUIT
- (B) 1/2" NYLON MULE STRING, PN: NEPTCO WP900P

CONDUIT DIA.	FILL RATIO (0.250" DIA.)
3/4"	4-CABLES
1"	6-CABLES
1-1/4"	10-CABLES
2"	26-CABLES
4"	102-CABLES



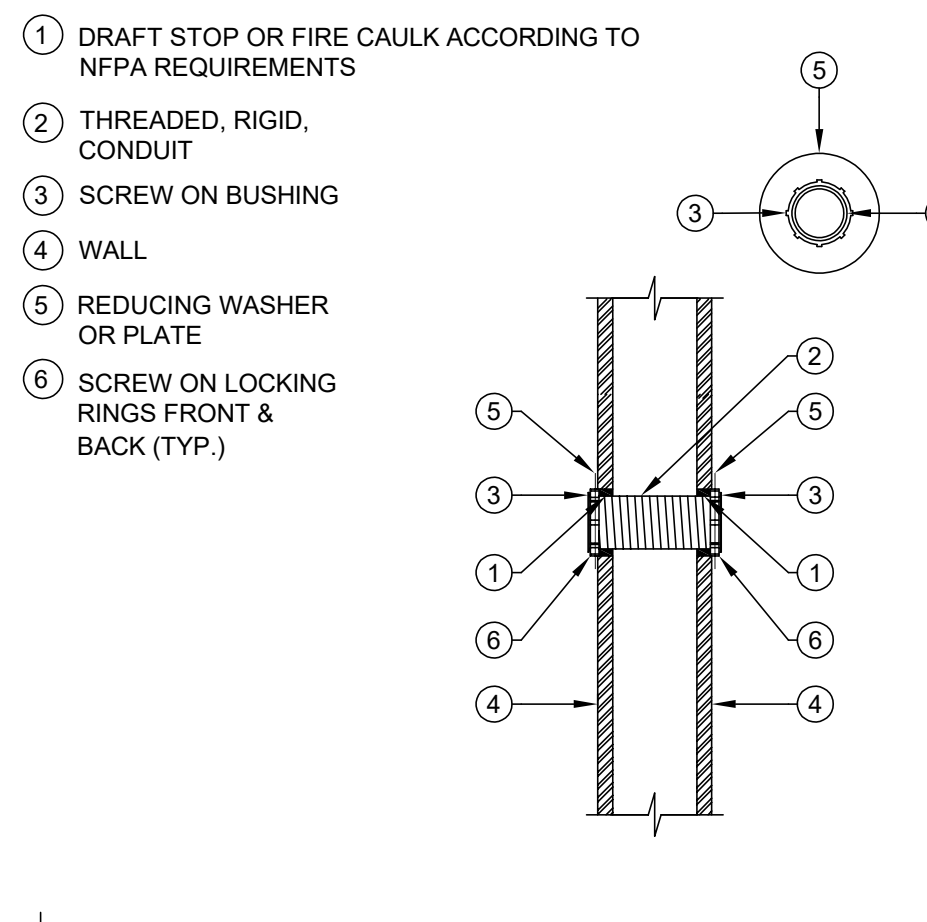
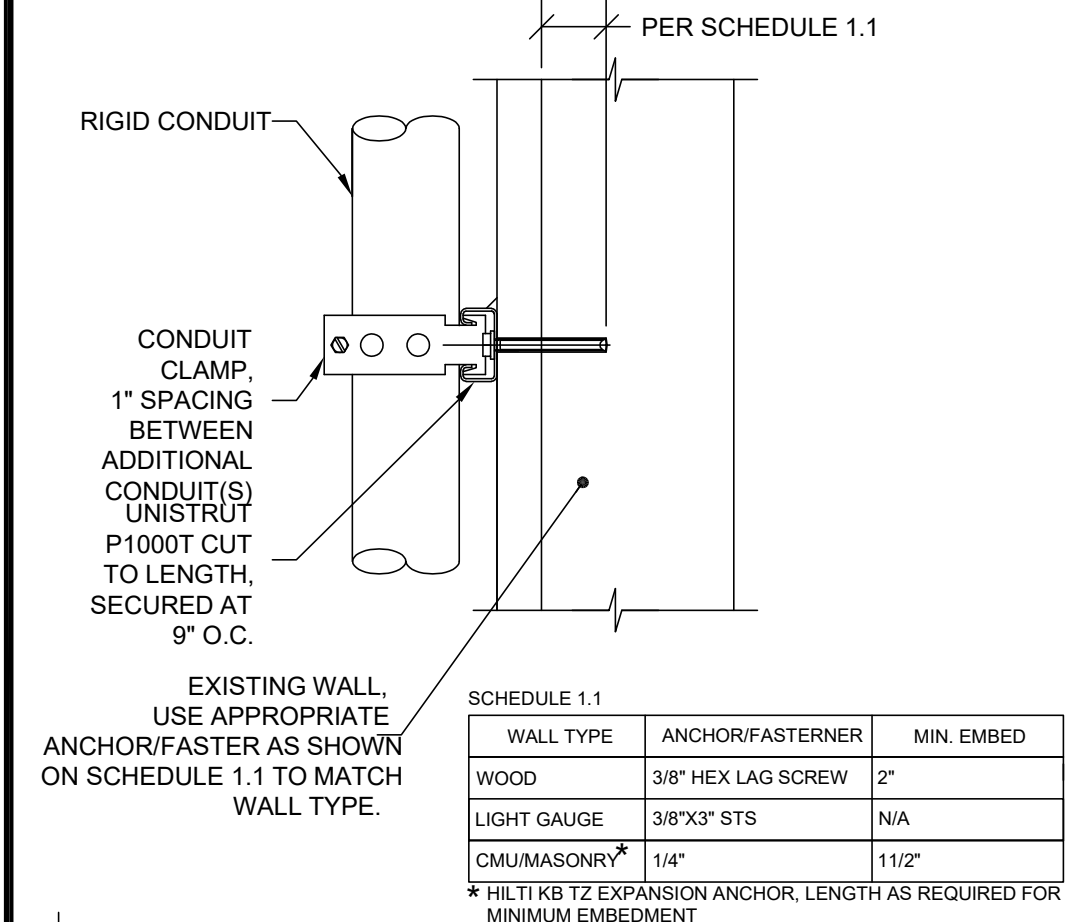
NOTE: CONTRACTOR SHALL BE REQUIRED TO UPSIZE CONDUIT AND/OR QTY AS NOTED PER FILL RATIO CABLE CAPACITY.

4 CONDUIT LAYOUT DETAIL - HORIZONTAL BACKBONE / SLEEVES  
SCALE = NONE



6 CONDUIT STRAP SPACING DETAIL  
SCALE = NONE

3 VIDEO / INTERCOM / ELEC. ACCESS CONTROL IN GATE MULLION DETAIL  
SCALE = NONE



5 CONDUIT SUPPORT DETAIL - VERTICAL  
SCALE = NONE

2 CONDUIT SLEEVE PENETRATION DETAIL  
SCALE = NONE

**ABBREVIATIONS:**

A	AMPERE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ANN	ANNUNCIATOR
AP	ACCESS POINT
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BICSI	BUILDING INDUSTRY CONSTRUCTION SERVICE INTERNATIONAL
BLDG	BUILDING
C	CONDUIT
CAB	CABINET
CAT	CATEGORY
CATV	CABLE TELEVISION
CD	CANDELA
CD	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CL	CENTER LINE
CO	CARBON MONOXIDE
DN	DOWN
(E)	EXISTING
EMT	ELECTRICAL METALLIC TUBING
EOL	END OF LINE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FTC	FIRE TERMINAL CABINET
GRC	GALVANIZED RIGID CONDUIT
G OR GB	GROUND BOX
IACP	INTRUSION ALARM CONTROL PANEL
IDF	INTERMEDIATE DISTRIBUTION FRAME
IMC	INTERMEDIATE METAL CONDUIT
J OR JB	JUNCTION BOX
MEP	MECHANICAL / ELECTRICAL / PLUMBING
MOF	MAIN DISTRIBUTION FRAME
MPOE	MINIMUM POINT OF ENTRY
(N)	NEW
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NTS	NOT TO SCALE
N/A	NOT APPLICABLE
OFE	OWNER FURNISHED EQUIPMENT
OFCI	OWNER FURNISHED/CONTRACTOR INSTALLED
OFOW	OWNER FURNISHED/OWNER INSTALLED
OSP	OUTSIDE PLANT
PVC	POLYVINYL CHLORIDE
RCCD	REGISTERED COMMUNICATION DISTRIBUTION DESIGNER
RACEWAY	RACEWAY
RM	ROOM
SR	SURFACE RACEWAY
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATT
WP	WEATHERPROOF

**TECHNOLOGY SYMBOL LEGEND:**  
ALL EQUIPMENT AND MATERIALS ARE CONTRACTOR FURNISHED, INSTALLED AND CONFIGURED (UNO)

SYMBOL	DESCRIPTION	MODEL	PART NUMBER	NOTES / DETAIL REFERENCES
[MDF / IDF]	DATA RACK / CABINET	EXISTING	EXISTING	N/A
[J]	SURFACE MOUNTED WEATHERPROOF JUNCTION BOX	GENERIC	AS PER PLAN	GREY = EXISTING
[J-1]	SURFACE MOUNTED JUNCTION BOX	1-GANG	GENERIC	1-GANG "BELL" BOX, 3 EA. THREADED 1" OUTLETS
---	ABOVE GROUND CONDUIT	GRC	1"	GREY = EXISTING
---	FREE AIR CABLE J-HOOK	N/A	N/A	GREY = EXISTING
[T]	BACKBONE CONDUIT STUB	N/A	N/A	GREY = EXISTING
[CON]	ACCESS CONTROL MANAGEMENT EMBEDDED CONTROLLER	AVIGILON	AC-MER-CONT-LP1502	INSTALL AT MDF LOCATION
[CR]	CARD READER	AVIGILON	AC-ING-READ-APTIO-SNG-MT15	N/A
[PSU]	ACCESS CONTROL POWER SUPPLY UNIT W/ BATTERY BACKUP	AVIGILON	AC-LSP-2DR-MER-LCK	INSTALL AT MDF LOCATION
[EL]	ELECTRONIC SURFACE STRIKE	VON DUPRIN	6300	N/A
[VIC]	VIDEO INTERCOM WITH SURFACE MOUNTED BACKBOX	AVIGILON	HAVIRO-1-IR-HAV/MT-SURF1	N/A
[TEL]	ADMINISTRATIVE DESK PHONE SET	CISCO	EXISTING	PROGRAM SOFT KEY AT (E) PHONE SET FOR GATE UNLOCK
	RFID CARDS - QTY. = 100	SCHLAGE	8520	PER DISTRICT REQUIREMENTS

**TECHNOLOGY GENERAL PROJECT NOTES:**

- UPON COMPLETION OF THE INSTALLATION OF THE SYSTEMS, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY TEST OF THE ENTIRE SYSTEMS IN THE PRESENCE OF THE ARCHITECT/DESIGNER, INSPECTOR, AND THE OWNER.
- A STAMPED SET OF APPROVED SYSTEM DESIGN DOCUMENTS, AND CONTRACTOR FURNISHED SHOP DRAWINGS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION. THE CONTRACTOR SHALL INCORPORATE ANY AND ALL REVISIONS TO DRAWINGS SETS AS REQUIRED. ANY DEVIATION FROM APPROVED DESIGN DOCUMENTS, INCLUDING THE SUBSTITUTION OF DEVICES, SHALL BE APPROVED BY THE ARCHITECT/DESIGNER AND THE OWNER PRIOR TO INSTALLATION.
- ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/DESIGNER PRIOR TO INSTALLATION.
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH THROUGH PENETRATION FIRST STOP SYSTEMS WITH A "T" RATING EQUAL TO THE ASSEMBLY PENETRATED. SEE DETAILS ON SHEET T801 FOR MORE INFORMATION.
- PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH DEVICE. DO NOT SPLICE THE WIRE. THERE MUST BE AT LEAST 6" OF LEAD WIRE FROM THE BOX TO THE DEVICE.
- LOW VOLTAGE PANELS, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURER'S SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED THE WEIGHT FOR 20 lbs., WITHOUT SPECIAL MOUNTING DETAILS.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/DESIGNER AT A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO FINAL INSPECTION FOR FINAL PUNCH ALL ITEMS ON PUNCH LIST MUST BE COMPLETE FOR JOB TO FINAL.
- PRIOR TO FINAL INSPECTION, THE CONTRACTOR SHALL PROVIDE ALL PROJECT AS-BUILT DRAWINGS AND MANUALS PER SPECIFICATIONS.
- THE CONTRACTOR SHALL ALSO PROVIDE A TYPED RECORD OF COMPLETION. A FINAL WILL NOT BE GRANTED UNTIL THE ABOVE IS APPROVED BY THE OWNER.
- THE TERM "PROVIDE" SHALL MEAN TO FURNISH, INSTALL AND MAKE FULLY OPERATIONAL.

**PROJECT CODES AND STANDARDS:**

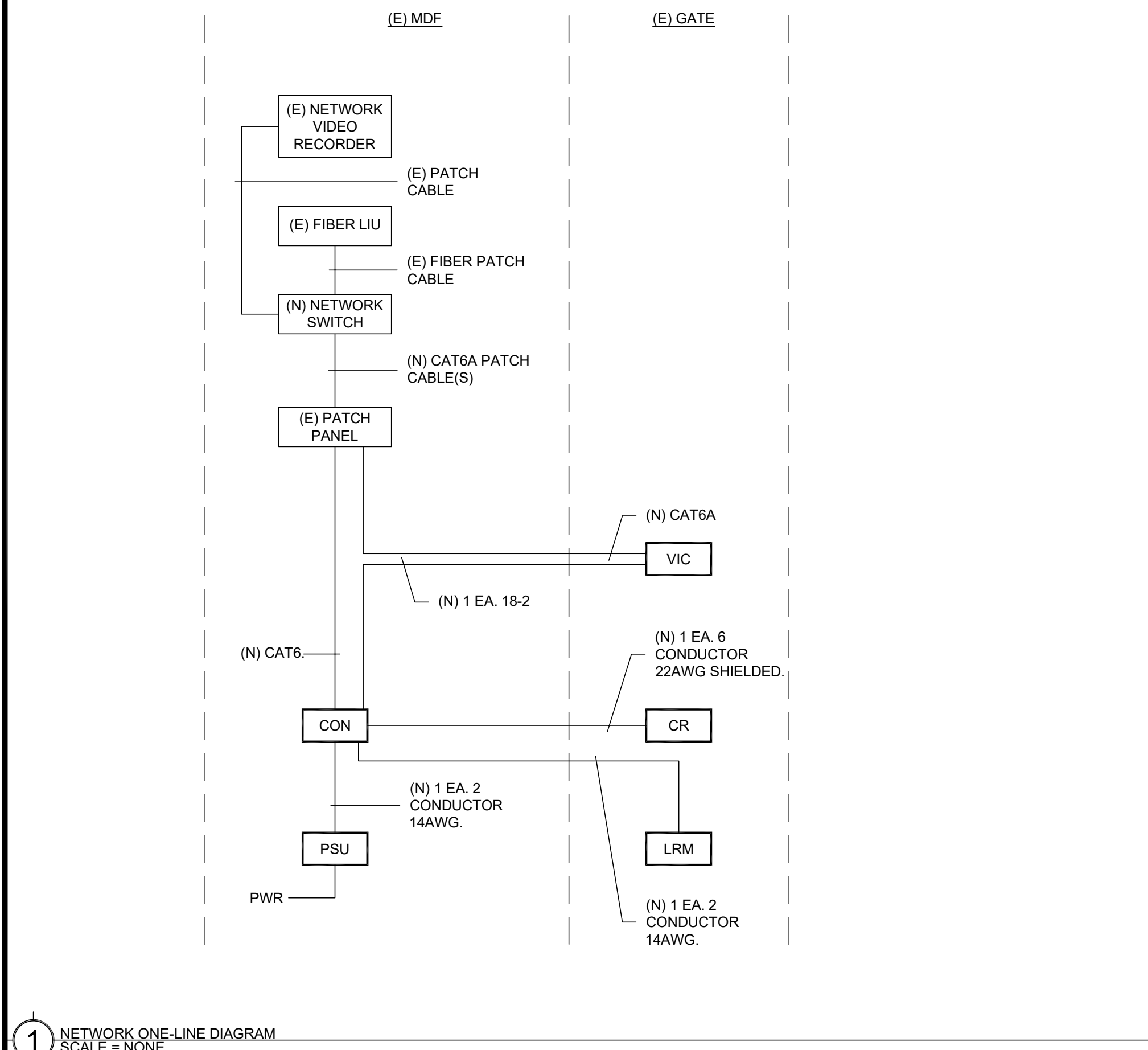
- PARTIAL LIST OF APPLICABLE CODES AND STANDARDS EFFECTIVE : JANUARY 1, 2023:
- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), CCR, TITLE 24, PART 2
  - 2022 CALIFORNIA BUILDING CODE (CBC), CCR, TITLE 24, PART 2 (2018 INTERNATIONAL BUILDING CODE WITH CALIFORNIA AMENDMENTS)
  - 2022 CALIFORNIA ELECTRICAL CODE (CEC), CCR, TITLE 24, PART 3 (2017 NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS)
  - 2022 CALIFORNIA MECHANICAL CODE (CMC), CCR, TITLE 24, PART 4 (2018 UNIFORM MECHANICAL CODE WITH CALIFORNIA AMENDMENTS)
  - 2022 CALIFORNIA ENERGY CODE, CCR, TITLE 24, PART 6
  - 2022 CALIFORNIA FIRE CODE (CFC), CCR, TITLE 24, PART 9 (2018 INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS)
  - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CCR, TITLE 24, PART 11
  - 2022 CALIFORNIA REFERENCED STANDARDS CODE, CCR, TITLE 24, PART 12
  - 2022 NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE, NATIONAL FIRE PROTECTION ASSOCIATION

**CONTRACTOR FURNISHED DOCUMENTS:**

- (SHOP DRAWINGS / PRODUCT SUBMITTALS / QUALIFICATIONS)
- ORDERING AND INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL THE FOLLOWING:
    - CONTRACTOR FURNISHED SHOP DRAWINGS ARE RECEIVED AND APPROVED BY THE DESIGNER
    - PRODUCT SUBMITTAL DOCUMENTS ARE RECEIVED AND APPROVED BY THE DESIGNER
    - APPLICABLE QUALIFICATION DOCUMENTATION ARE RECEIVED AND APPROVED BY THE DESIGNER.
  - ANY DESIGN AND/OR INSTALLATION DISCREPANCIES/CHANGE ORDER REQUESTS ARE TO BE ADDRESSED AT TIME OF SHOP DRAWING CREATION. CHANGE ORDERS AFTER APPROVED SHOP DRAWINGS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
  - ALTERNATIVE PRODUCTS ARE TO SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST AND THE CONTRACTOR IS RESPONSIBLE FOR DEMONSTRATING PRODUCT FULL EQUIVALENCY.
  - IT SHALL BE UNDERSTOOD THAT THE DRAWINGS, DETAILS, AND ONE-LINES PROVIDED WITH THE DESIGN PACKAGE ARE DIAGRAMMATIC. INFORMATION PRESENTED IN DESIGN DRAWINGS ARE AS ACCURATE AS POSSIBLE, BUT ACCURACY IS NOT GUARANTEED AND FIELD VERIFICATION, OF ALL DIMENSIONS, ROUTING, ETC., BY THE CONTRACTOR IS REQUIRED.
  - DRAWINGS AND SPECIFICATIONS ARE PROVIDED TO SHOW THE INTENT OF THE DESIGN TO ASSIST THE CONTRACTOR IN SUBMITTING AN ACCURATE BID. CONTRACTOR IS DIRECTED TO MAKE FIELD SURVEYS AS PART OF THEIR WORK PRIOR TO SUBMITTING SYSTEM LAYOUT DRAWINGS (SHOP DRAWINGS). THE CONTRACTOR SHALL MAKE ALLOWANCE IN THE PROPOSAL TO COMPLY WITH THE INTENT OF THE DESIGN.
  - IN CASE OF DOUBT OF WORK INTENDED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REQUEST INSTRUCTIONS FROM THE DESIGNER OR OWNER PRIOR TO BID.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE, OPERABLE, AND FULLY FUNCTIONING SYSTEM.

**SCOPE OF WORK:**

- FURNISH AND INSTALL VIDEO INTERCOM, CARD READER AND ELECTRONIC LATCH ON CENTER GATE MULLION. SEE DETAIL 3/T000 FOR MORE INFORMATION.
- PROVIDE, INSTALL AND PROGRAM ELECTRONIC ACCESS CONTROLLER AND POWER SUPPLY IN MDF. MODIFICATIONS TO THE ELECTRICAL POWER TO BE PERFORMED BY A LICENSED ELECTRICIAN.
- COORDINATE WITH DISTRICT TO PROGRAM ADMIN PHONE SET FOR RING DOWN FROM VIDEO INTERCOM.
- EXISTING 4 EA. 2" CONDUIT BACKBONE PATHWAY FROM EXISTING JUNCTION BOX TO EXISTING JUNCTION BOX.
- EXISTING AND INSTALL 1 EA. 1" CONDUITS MOUNTED TO NEW CHANNEL STRUT ON EXISTING CANOPY WOOD STRUCTURE.
- PROVIDE AND INSTALL 2 EA. 2" CONDUITS MOUNTED TO NEW CHANNEL STRUT ON EXISTING CANOPY WOOD STRUCTURE.
- PROVIDE AND INSTALL 14"x14"x4" NEMA 3R JUNCTION BOX ON WALL W/ 2 EA. 2" PENETRATIONS INTO MDF ROOM.



1 NETWORK ONE-LINE DIAGRAM  
SCALE = NONE



PROJECT NAME:  
**ALICE BIRNEY TK-8**

6254 13TH STREET  
SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT  
5735 47TH AVENUE  
SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:

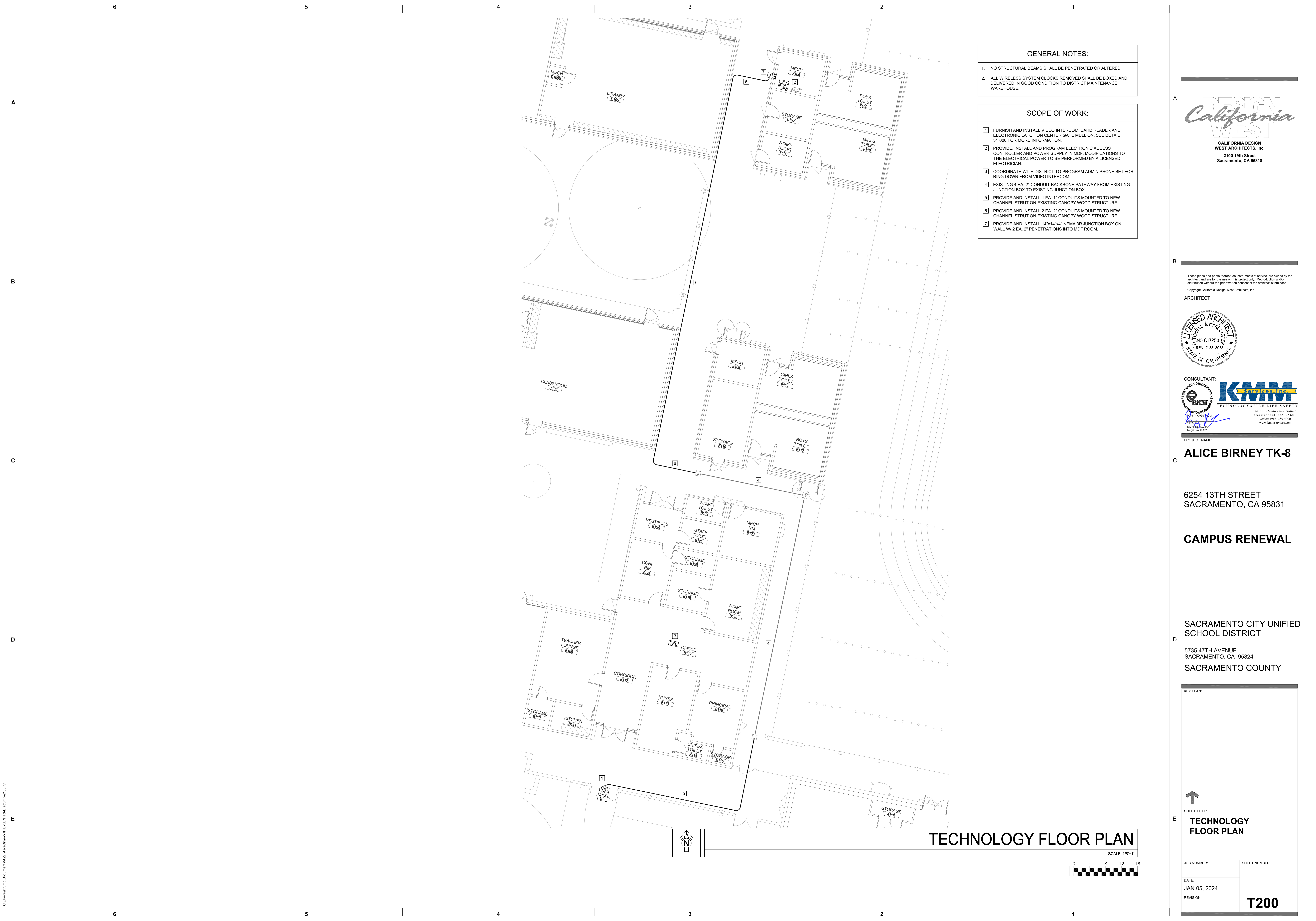
SHEET TITLE:  
**TECHNOLOGY COVER SHEET**

JOB NUMBER: SHEET NUMBER:

DATE:  
JAN 05, 2024

REVISION:  
**T000**





**GENERAL NOTES:**

- NO STRUCTURAL BEAMS SHALL BE PENETRATED OR ALTERED.
- ALL WIRELESS SYSTEM CLOCKS REMOVED SHALL BE BOXED AND DELIVERED IN GOOD CONDITION TO DISTRICT MAINTENANCE WAREHOUSE.

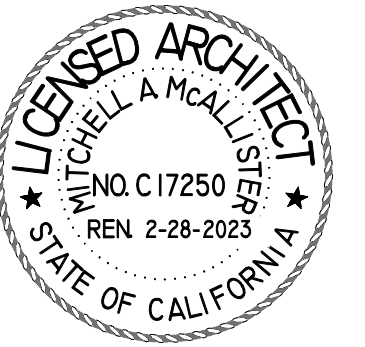
**SCOPE OF WORK:**

- FURNISH AND INSTALL VIDEO INTERCOM, CARD READER AND ELECTRONIC LATCH ON CENTER GATE MULLION. SEE DETAIL 37000 FOR MORE INFORMATION.
- PROVIDE, INSTALL AND PROGRAM ELECTRONIC ACCESS CONTROLLER AND POWER SUPPLY IN MDF. MODIFICATIONS TO THE ELECTRICAL POWER TO BE PERFORMED BY A LICENSED ELECTRICIAN.
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ARCHITECT



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**ALICE BIRNEY TK-8**

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SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT  
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SACRAMENTO COUNTY

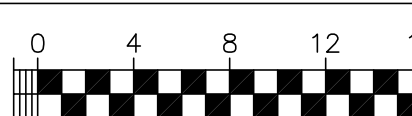
KEY PLAN:

↑  
SHEET TITLE:  
**TECHNOLOGY FLOOR PLAN**

JOB NUMBER: SHEET NUMBER:  
DATE: JAN 05, 2024  
REVISION: **T200**

**TECHNOLOGY FLOOR PLAN**

SCALE: 1/8"=1'



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**STRUCTURAL OBSERVATION:**

- PER C.B.C. CHAPTER 17A, 1704A.6 THE OWNER SHALL EMPLOY A LICENSED ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN, OR HIS DESIGNATED ENGINEER OR ARCHITECT TO MAKE SITE VISITS TO OBSERVE. GENERAL COMPLIANCE WITH THE APPROVED STRUCTURAL PLANS, SPECIFICATIONS AND CHANGE ORDERS. THE ENGINEER OR ARCHITECT SHALL SUBMIT A STATEMENT IN WRITING TO THE BUILDING OFFICIAL STATING THAT THE SITE VISIT HAS BEEN MADE AND THAT ANY DEFICIENCIES NOTED HAVE BEEN CORRECTED.
- IN ACCORDANCE WITH SECT. 4-333 (a) OF TITLE 24, PART 1, STRUCTURAL OBSERVATION SHALL INCLUDE AND OCCUR AT THE FOLLOWING STAGES:
  - OBSERVATION AT THE SITE PRIOR TO PLACING CONCRETE.
  - OBSERVATION OF THE BUILDING DURING FABRICATION AFTER MAJORITY OF STRUCTURAL ITEMS ARE IN PLACE.
  - OBSERVATION OF THE COMPLETED STRUCTURE PRIOR TO BEING COVERED FINISHES.
- AT COMPETITION OF IN-PLANT MANUFACTURING THE INDIVIDUAL ACCEPTING RESPONSIBILITY FOR OBSERVATION OF IN-PLANT MANUFACTURING SHALL SIGN THE VERIFIED REPORT, DSA 152-IP1 (IN-PLANT INSPECTOR VERIFIED REPORT).
- OBSERVATION OF THE ON SITE CONSTRUCTION INCLUDES THE SCOPE OF WORK INDICATED ON THE DSA APPROVED BUILDING PLANS AND SPECS.
- INTERIM AND FINAL VERIFIED REPORTS ARE REQUIRED DURING, AND AT THE COMPLETION OF, ON SITE CONSTRUCTION AND INSTALLATION USING FORM DSA 6-AE (ARCHITECT/ENGINEER VERIFIED REPORT).
- STRUCTURAL TESTING & SPECIAL INSPECTIONS: SEE APPROVED DSA-103 FORM FOR STRUCTURAL TESTING AND INSPECTIONS.

**COLD FORMED STRUCTURAL STEEL:**

- ALL LIGHT GAUGE METAL FRAMING SHALL BE THE TYPE, SIZE, GAUGE AS SHOWN ON THE PLANS AND BE FABRICATED AND ERECTED IN ACCORDANCE WITH 2016 (2020) A.I.S.I. S100 SPECIFICATIONS. WITH SUPPLEMENT 2 AND 2022 CBC SECTIONS 2210A, 2211A, & 2213A.
- STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123 OR A153 CLASS D OR PAINTED WITH ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT; OR EQUIVALENT PAINT SYSTEM. COLD FORMER STEEL MEMBERS SHALL BE 5 PERCENT ALUMINUM-ZINC ALLOY COATED PER ASTM A792/A792M STANDARD IN ACCORDANCE TO AMERICAN IRON AND STEEL INSTITUTE (AISI) S240 TABLE A4-1, CP 90 COATING DESIGNATION.
- TOUCH UP COLD GALVANIZING USING ZRC CHEMICAL PRODUCTS CO., ZRC COLD GALVANIZING COMPOUND OR EQUAL.

**STEEL CABLES:**

- ALL CABLE STEEL TO BE ASTM A1023, 6X19 CLASS IWRC OR 7x19 CLASS IWRC
- CABLES SHALL BE GALVANIZED (CLASS A ZINC COATING) OR STAINLESS STEEL, CLASS BRIGHT WIRE ROPE
- MAXIMUM CABLE STRENGTH:
 

5 / 16" 7X19 304 SS	=	3.068K
3 / 8" 7X19 304 SS	=	4.091K
7/16" 6X19 Galv.	=	6.259K
1/2" 6X19 Galv.	=	8.181K
- MAX. PRETENSION LOAD:
 

1 / 4" DIA.	=	0.30k
3 / 8" DIA.	=	0.30k
7 / 16" DIA.	=	0.30k
1/2" DIA	=	0.50k
- FOR CABLE (ROPE CLIPS) SEE SHEET T001

**WELDING:**

- ALL WELDING SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE AMERICAN WELDING SOCIETY CODE D1.1.-15, AND CFC.
- ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS.
- ALL WELDING SHALL BE DONE BY THE SHIELDED ARC PROCESS USING APPROVED ELECTRODES PER A.W.S. SPECIFICATIONS E70XX (LOW HYDROGEN ELECTRODES).
- ALL WELDS SHALL HAVE A WELD CONTROLLED SEQUENCE AND TECHNIQUE IN ORDER TO MINIMIZE SHRINKAGE, STRESSES AND DISTORTION.
- ALL ELECTRODES FILLER MATERIAL SHALL BE A MINIMUM OF E70XX.
- SPECIAL INSPECTION IS REQUIRED FOR ALL WELDING.
- ALL SHOP AND FIELD WELDING OF MOMENT CONNECTIONS OR MOMENT RESISTING FRAMES, AND ALL COLUMN SPLICE WELDS, SHALL BE TESTED AS PER C.B.C.
  - ALL WELDS WITHIN MEMBERS DESIGNATED AS PER OF THE LATERAL FORCE RESISTING SYSTEM (LFRS) SHALL CONFORM TO THE DETAILING, MATERIALS, WORKMANSHIP, TESTING AND INSPECTION REQUIREMENTS PER AWS D1.8 AND AISC 341-16. AND SHALL USE A FILLER METAL WITH A CHARPY V-NOTCH (CVN) TOUGHNESS OF 20 FT-LB AT 0° F.
  - WHERE WELDS ARE DESIGNATED AS DEMAND CRITICAL, THEY SHALL BE MADE WITH A FILLER METAL CAPABLE OF PROVIDING A MINIMUM CVN TOUGHNESS OF 20 FT-LB AT 20° F AND 40 FT-LB AT 70° F. SEE AWS D1.8 SECTION 6.3.6.
  - WELDERS PERFORMING WELDING WITHIN THE "LFRS" SHALL BE QUALIFIED IN ACCORDANCE WITH AWS D1.8 CHAPTER 5.

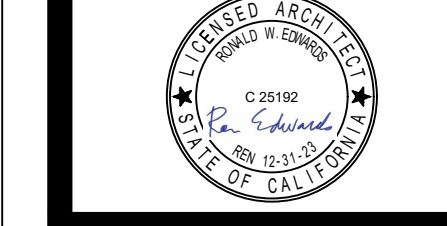
**STEEL:**

- QUALIFIED AND CERTIFIED WELDERS SHALL BE USED FOR ALL WELDING. ALL WELDING TO CONFORM TO THE LATEST ADOPTED EDITION OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE A.W.S. D1.1.
- MATERIALS:
 

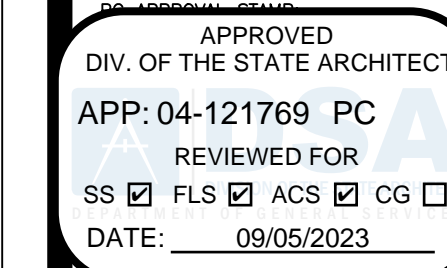
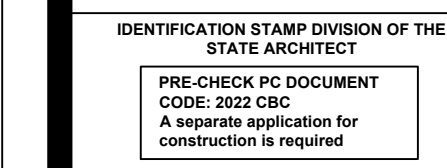
MISCELLANEOUS PLATES	A.S.T.M. A-36
STRUCTURAL STEEL PIPES (COLUMNS)	A.S.T.M. A53 GRADE B
WELDING ELECTRODES	A.W.S. STRUCTURAL STEEL E70XX.
TYPICAL STEEL CONNECTION BOLTS	GALVANIZED A307, A304XX
GALVANIZING	A.S.T.M. A-123
RUST-INHIBITING PRIMER	CC-M10
STEEL TUBING (PIPS RIDGES, AND BRACES MEMEBERS)	A.S.T.M. A-500, GRADE B (HSS ROUND) (Fy = 46 K.S.I.) (HSS RECT) (Fy = 50 K.S.I.)
- STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123, UNDERCOAT AND FINISH COAT OR EQUIVALENT PAINT SYSTEM.
- CONNECTED MEMBERS SHALL BEAR ONLY UPON UNTHREADED PORTIONS OF BOLTS.
- BURNING OF HOLES IS NOT ALLOWED.
- INSPECTION OF WELDING SHALL CONFORM TO C.B.C. REQUIREMENTS (CHAPTER 17A).
- THE STRUCTURAL STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
- BOLT HOLES SHALL BE 1 / 8" LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLTS USED, UNLESS NOTED OTHERWISE.
- STRUCTURAL STEEL SHALL BE DELIVERED TO THE JOB SITE FREE OF EXCESSIVE RUST, MILL SCALE, GREASE, ETC.
- OPENINGS SHALL NOT BE PLACED IN STEEL MEMBERS UNLESS SPECIFICALLY DETAILED.



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MANUFACTURER:  
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11815 BURKE STREET  
SANTA FE SPRINGS, CA 90670



**PRECHECK FABRIC SHADE  
STRUCTURE II**

Project #  
**22-037**  
Drawn By  
**RWE**  
Date  
**12-20-22**

**S1.2**

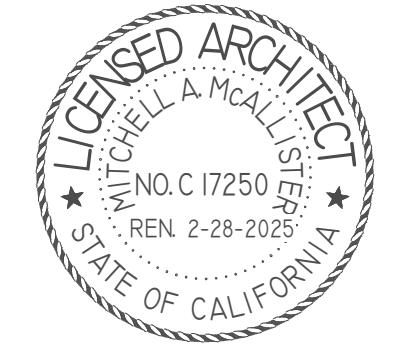


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WEST ARCHITECTS, Inc.**  
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ARCHITECT:



CONSULTANT:

PROJECT NAME:

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SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT

5735 47TH AVENUE  
SACRAMENTO, CA 95824

SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:

**GENERAL NOTES  
& TYPICAL  
DETAILS**

JOB NUMBER:

SHEET NUMBER:

DATE:

JAN 5, 2024

REVISION:

**S1.2**

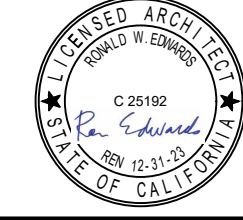


**ABBREVIATIONS:**

&	AND	KIPS	KILOPOUNDS (1,000 POUNDS)
@	AT	K.O.	KNOCK OUT
¢	CENTER LINE	LB	POUND
±	PLATE, PROPERTY LINE	L.B.	LAG BOLT
A.B.	ANCHOR BOLT	L.F.	LINEAR FOOT
ADJ	ADJACENT	LG	LONG
A.F.F.	ABOVE FINISH FLOOR	L.L.	LIVE LOAD
ARCHL	ARCHITECTURAL	L.L.H.	LONG LEG HORIZONTAL
BD	BOARD	L.L.V.	LONG LEG VERTICAL
BLD'G	BUILDING	L.S.	LAG SCREW
BLK	BLOCK	LT.	LIGHT
BLKG	BLOCKING	MAS	MASONRY
BLW	BELOW	MAT.	MATERIAL
BM	BEAM	MAX.	MAXIMUM
B.N.	BOUNDARY NAIL/SCREW	M.B.	MACHINE BOLT
BOT.	BOTTOM	MECH'L	MECHANICAL
BRG	BEARING	MEZZ.	MEZZANINE
B.S.	BOTH SIDE	MIN.	MINIMUM
BTWN	BETWEEN	M.H.	MANHOLE
C.B.	CARRIAGE BOLT	MANUF.	MANUFACTURER
C.F.	CUBIC FOOT	MTL.	METAL
CHAM	CHAMFER	N.S.	NEAR SIDE
C.I.	CAST-IRON	N.I.C.	NOT IN CONTACT
C.I.P.	CAST-IN-PLACE	NOM.	NOMINAL
C.J.	CONTROL JOINT	N.T.S.	NOT TO SCALE
CLG	CEILING	O.C.	ON CENTER
CLK	CAULK	O.D.	OUTSIDE DIAMETER
CLK'G	CAULKING	O.H.	OPPOSITE HAND
CLR.	CLEAR	OPNG	OPENING
C.M.U.	CONCRETE MASONRY UNIT	OPP	OPPOSITE
CNTR	CENTER	O.W.J.	OPEN WEB JOIST
COL	COLUMN	P.C.	PRECAST
CONC	CONCRETE	PERP.	PERPENDICULAR
CONN	CONNECTION	PLYWD	PLYWOOD
CONT	CONTINUOUS	PNL	PANEL
CNTRSINK	COUNTERSINK	PREFAB	PREFABRICATED
d	DOUBLE	P.S.F.	POUNDS PER SQUARE FOOT
DBL	DOUBLE	P.S.I.	POUNDS PER SQUARE INCH
DEP	DEPRESSED	PT	POINT
DET	DETAILED	P.T.	PRESSURE TREATED
D.F.	DOUGLAS FIR	P.V.C.	POLYVINYL CHLORIDE
D.F.L.	DOUGLAS FIR/LARCH	RAD	RADIUS
DIA	DIAMETER	R.D.	ROOF DRAIN
DIAG	DIAGONAL	REF.	REFERENCE
DIAM.	DIMENSION	REINF.	REINFORCED / REINFORCING
D.L.	DEAD LOAD	REQ'D	REQUIRED
DN	DOWN	REV	REVISION
DIV	DIVISION	RF	ROOF
DR	DOOR	RFTFR	RAFTER
DWG	DRAWING	R.H.	ROOF HATCH
DWL	DOWEL	RM	ROOM
EA	EACH	R.O.	ROUGH OPENING
E.F.	EACH FACE	R.S.	ROUGH SAWN
EL	ELEVATION	SCHED.	SCHEDULE
ELEV.	ELEVATION / ELEVATOR	SECT.	SECTION
EMBED	EMBEDMENT	S.F.	SQUARE FOOT
E.N.	EDGE NAIL/SCREW	SHT	SHEET
EQ.	EQUAL	SHT'G	SHEETING
EQUIP	EQUIPMENT	SIM.	SIMILAR
E.S.	EACH SIDE	S.M.S.	SHEET METAL SCREW
E.W.	EACH WAY	SPEC.	SPECIFICATION
EXIST'G	EXISTING	SQ.	SQUARE
EXP	EXPANSION	S.S.	STAINLESS STEEL
EXT	EXTERIOR	STAGG.	STAGGARED
F.D.	FLOOR DRAIN	STD	STANDARD
FDN	FOUNDATION	STIFF.	STIFFENER
F.F.	FINISH FLOOR	STL.	STEEL
FIN.	FINISH	STRUCTL	STRUCTURAL
F.N.	FIELD NAIL	STS	SELF TAPPING SCREW
F.O.	FACE OF	SYM	SYMMETRICAL
FRM'G	FRAMING	SYS	SYSTEM
F.S.	FAR SIDE	T & B	TOP AND BOTTM
FT	FEET / FOOT	T & G	TONGUE AND GROOVE
FTG	FOOTING	TEMP	TEMPORARY
GA	GAUGE	THK	THICK
GALV	GALVANIZED	THKN'D	THICKENED
G.I.	GALVANIZED IRON	THRU	THROUGH
GLB	GLU-LAMINATED BEAM	T.L.	TOTAL LOAD
GRD	GRADE	T.O.	TOP OF
GYP	GYPSPUM	T.S.G.	TAPERED STEEL GIRDER
H.D.	HOLDOWN	TYP.	TYPICAL
HDR	HEADER	U.N.O.	UNLESS NOTED OTHERWISE
HGR	HANGER	U.T.	ULTRASONIC TESTING
HORIZ	HORIZONTAL	VERT.	VERTICAL
HRD	HARD	W	WITH
H.S.B.	HIGH STRENGTH BOLT	W/O	WITHOUT
HT.	HEIGHT	WD	WOOD
HVAC	HEATING, VENTILATION, & AIR CONDITIONING	WIN	WINDOW
IN.	INCH	W.P.	WATERPROOF / WORK POINT
INSP.	INSPECTION / INSPECTOR	W.P.J.	WEAKENED PLAN JOINT
INT.	INTERIOR	WT.	WEIGHT
JST	JOIST	W.W.F.	WELDED WIRE FABRIC
JT	JOINT	W.W.M.	WELDED WIRE MESH



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PRE-CHECK PC DOCUMENT  
CODE: 2022 F06  
A separate application for  
construction is required

APPROVED  
DIV. OF THE STATE ARCHITECT  
APP: 04-121769 PC  
REVIEWED FOR  
SS  FLS  ACS  CG   
DATE: 09/05/2023

**PRECHECK FABRIC SHADE  
STRUCTURE II**

Project #  
**22-037**  
Drawn By  
**RWE**  
Date  
**12-20-22**

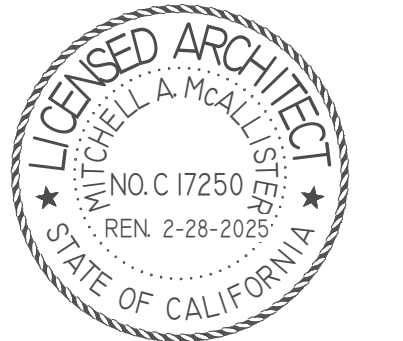
**S1.3**



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ARCHITECT:



CONSULTANT:

PROJECT NAME:  
**ALICE BIRNEY PUBLIC  
WALDORF TK-8  
SCHOOL**

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SACRAMENTO, CA 95831

**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED  
SCHOOL DISTRICT

5735 47TH AVENUE  
SACRAMENTO, CA 95824

SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:  
**GENERAL NOTES  
& TYPICAL  
DETAILS**

JOB NUMBER:

SHEET NUMBER:

DATE:  
JAN 5, 2024  
REVISION:

**S1.3**



**6X19/37 Class Galvanized Wire Rope**

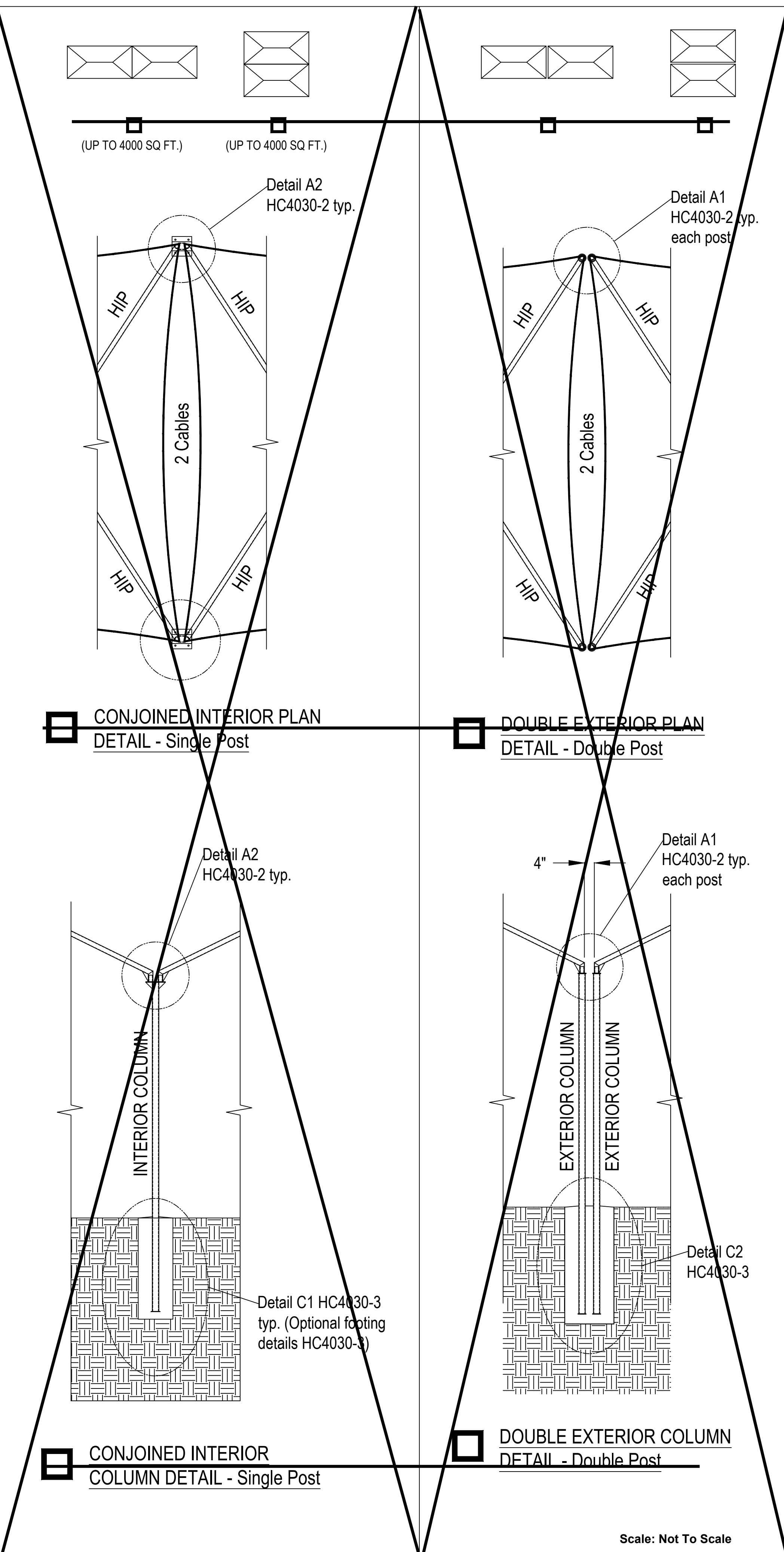
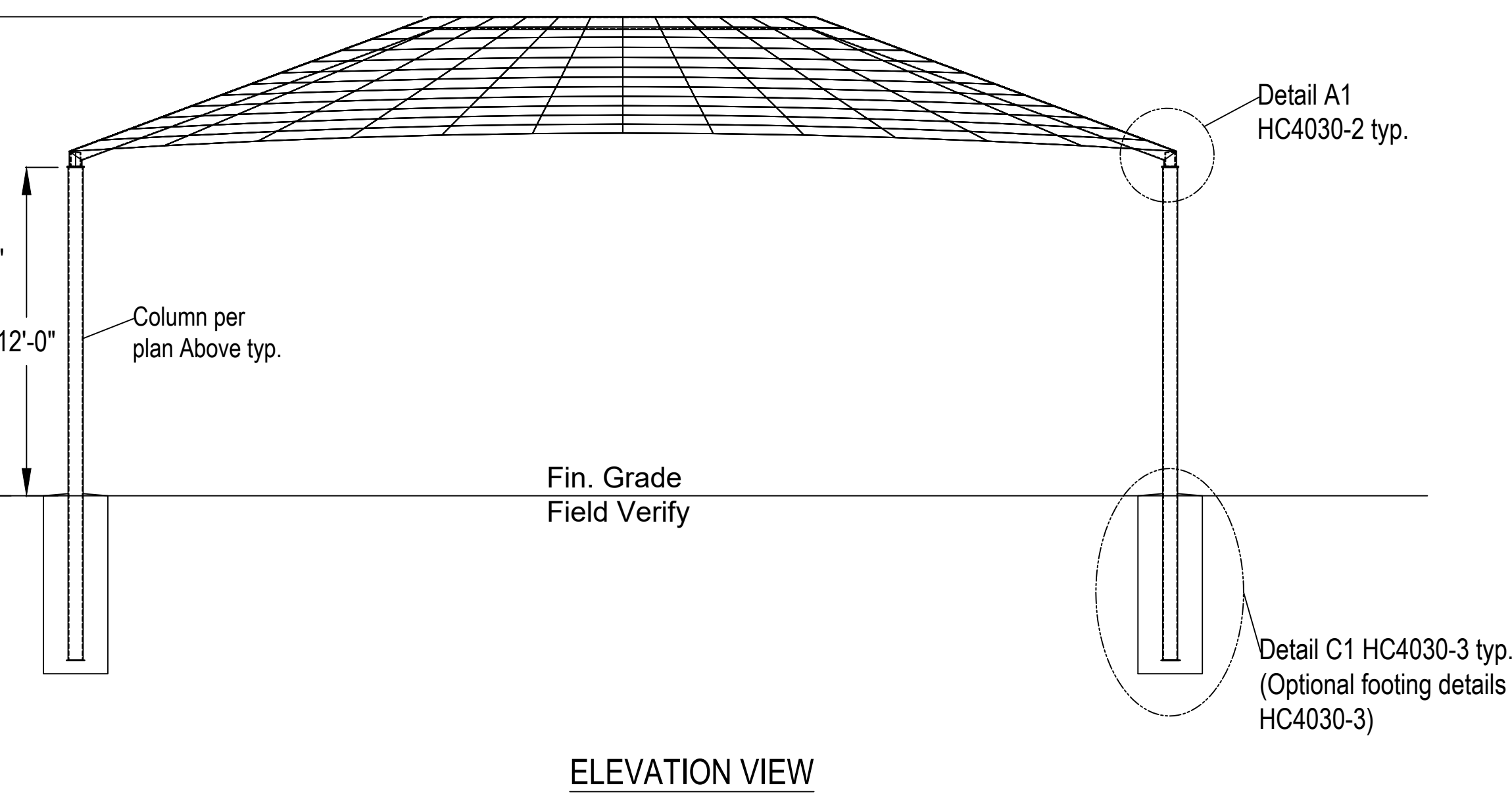
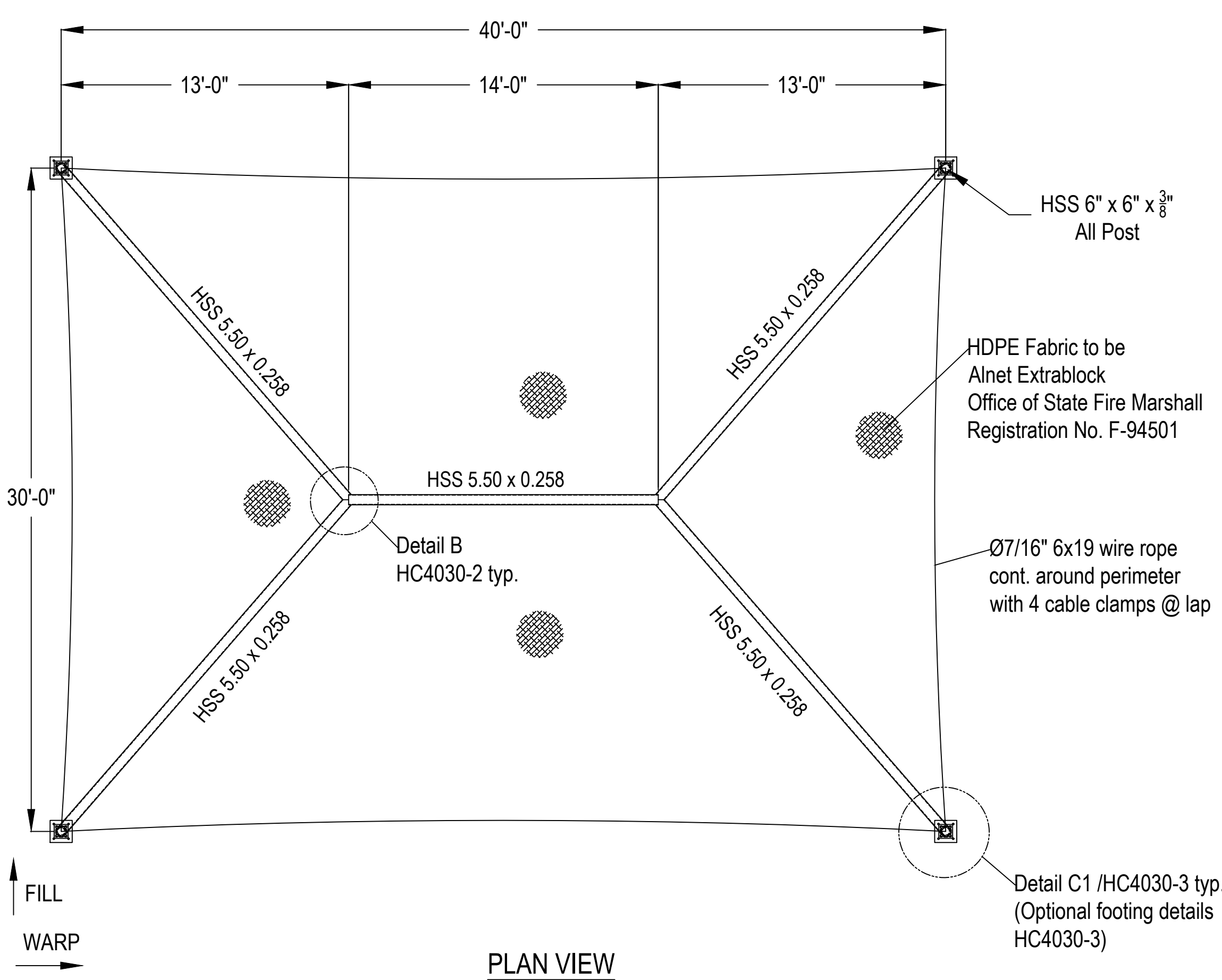
Size (in)	Approx. WR per ft. (lbs)		Nominal Breaking Load (lbs)			
	FC	IWRC	IPS	FC	IWRC	EIPS
1/4	0.015	0.116	4,940	5,300	5,430	6,120
5/16	0.164	0.18	7,660	8,240	8,440	9,480
3/8	0.236	0.26	10,980	11,800	12,090	13,620
7/16	0.347	0.39	16,280	17,300	17,690	19,850
1/2	0.42	0.46	19,260	20,700	21,240	24,000
9/16	0.53	0.59	24,300	26,100	26,820	30,200
5/8	0.64	0.72	30,000	32,200	32,940	37,000
3/4	0.95	1.04	42,800	46,000	47,160	53,000
7/8	1.29	1.42	58,000	62,200	63,720	71,600
1	1.68	1.85	75,200	80,800	82,800	93,000
1-1/8	2.13	2.34	94,600	101,800	104,040	117,900
1-1/4	2.63	2.89	116,200	125,000	127,900	143,800
1-3/8	3.18	3.50	139,800	150,400	153,900	172,800

**MALLEABLE WIRE ROPE CLIPS**

ZINC PLATED MALLEABLE

Size (inches)	Min. Clips Required	Wire Rope Tensile Strength (in thousands of pounds)	Approx. Min. Torque (in foot-pounds)	Dimensions in inches
1/4"	3	4.54	3.0	0.540 0.18 0.81 0.50 0.50 0.50 0.54
5/16"	3	5.50	4.2	0.660 0.22 0.94 0.56 0.56 0.56 0.60
3/8"	3	7.00	5.0	0.780 0.26 1.10 0.70 0.70 0.70 0.75
7/16"	3	8.80	6.0	0.900 0.31 1.31 0.84 0.84 0.84 0.90
1/2"	4	10.50	7.0	1.020 0.37 1.42 0.98 0.98 0.98 1.05
5/8"	4	13.00	8.0	1.140 0.44 1.61 1.10 1.10 1.10 1.18
3/4"	4	15.50	9.0	1.260 0.50 1.71 1.26 1.26 1.26 1.35
7/8"	5	18.00	10.0	1.380 0.56 1.91 1.38 1.38 1.38 1.48
1"	5	21.00	11.0	1.500 0.63 2.20 1.50 1.50 1.50 1.60
1-1/8"	6	24.00	12.0	1.620 0.70 2.50 1.62 1.62 1.62 1.75
1-1/4"	6	27.00	13.0	1.740 0.77 2.80 1.74 1.74 1.74 1.88
1-3/8"	7	30.00	14.0	1.860 0.84 3.10 1.86 1.86 1.86 2.00
1-1/2"	7	33.00	15.0	1.980 0.91 3.40 1.98 1.98 1.98 2.15

Notes:  
 1 - Steel Structure not designed for snow load accumulation in excess of 5.0 psf.  
 All Sails/cables shall be removed prior to snow load accumulation  
 2 - Refer to HC4030-3/HC4030-4 for Footing details



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IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT  
 PROJECT: 04-121769 PC  
 REVIEWED FOR: [ ] FLS [ ] ACS [ ] CG [ ]  
 DATE: 09/05/2023

**40'X30'X12' HIP CANOPY**

Project # 22-037  
 Drawn By RWE  
 Date 12-20-22

**California WEST**  
 CALIFORNIA DESIGN WEST ARCHITECTS, INC.  
 2100 19th Street  
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**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
 5735 47TH AVENUE  
 SACRAMENTO, CA 95824  
 SACRAMENTO COUNTY

KEY PLAN:

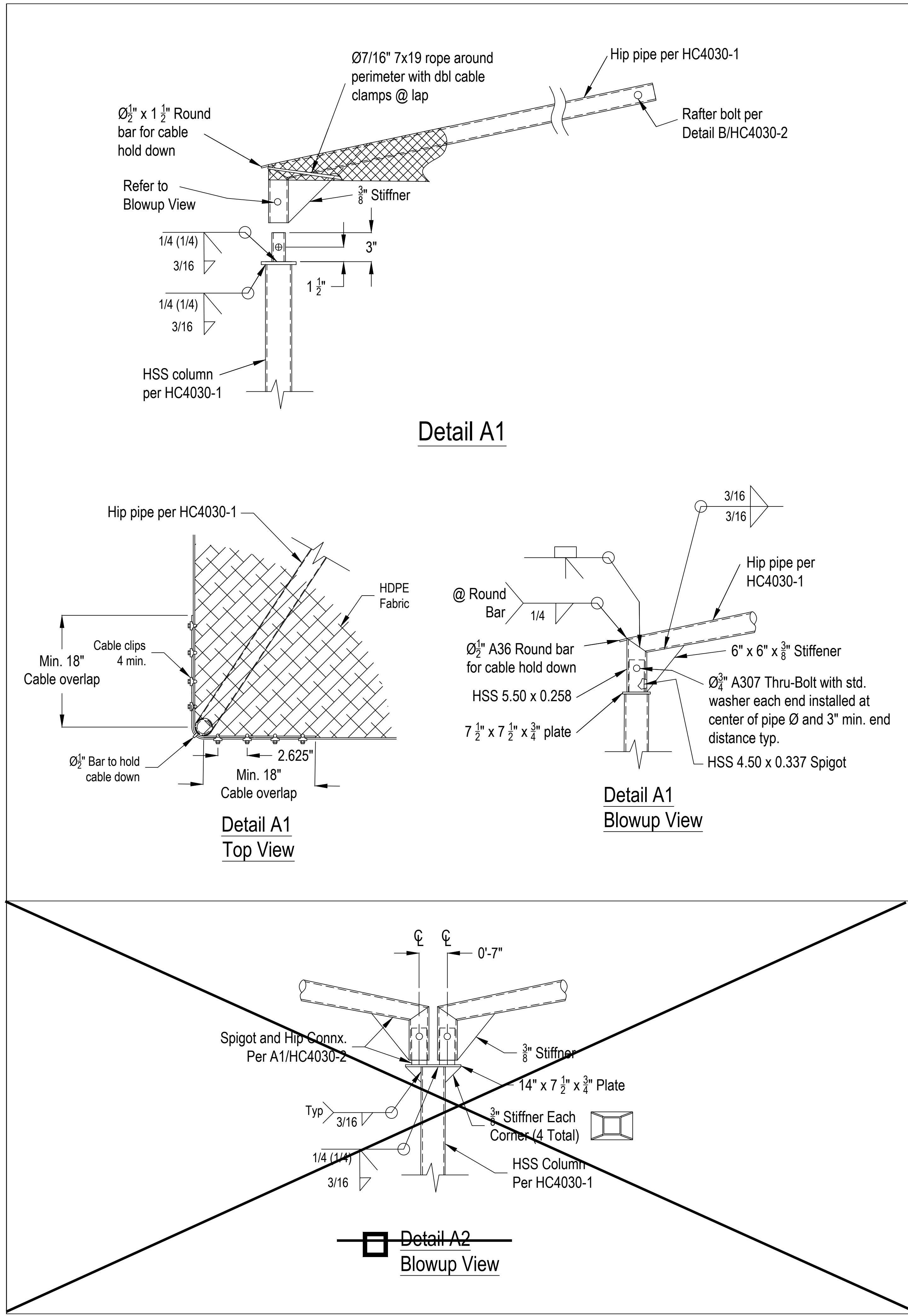
SHEET TITLE:  
**40'X30'X12' HIP CANOPY DRAWINGS**

JOB NUMBER: SHEET NUMBER:  
**HC4030-1**

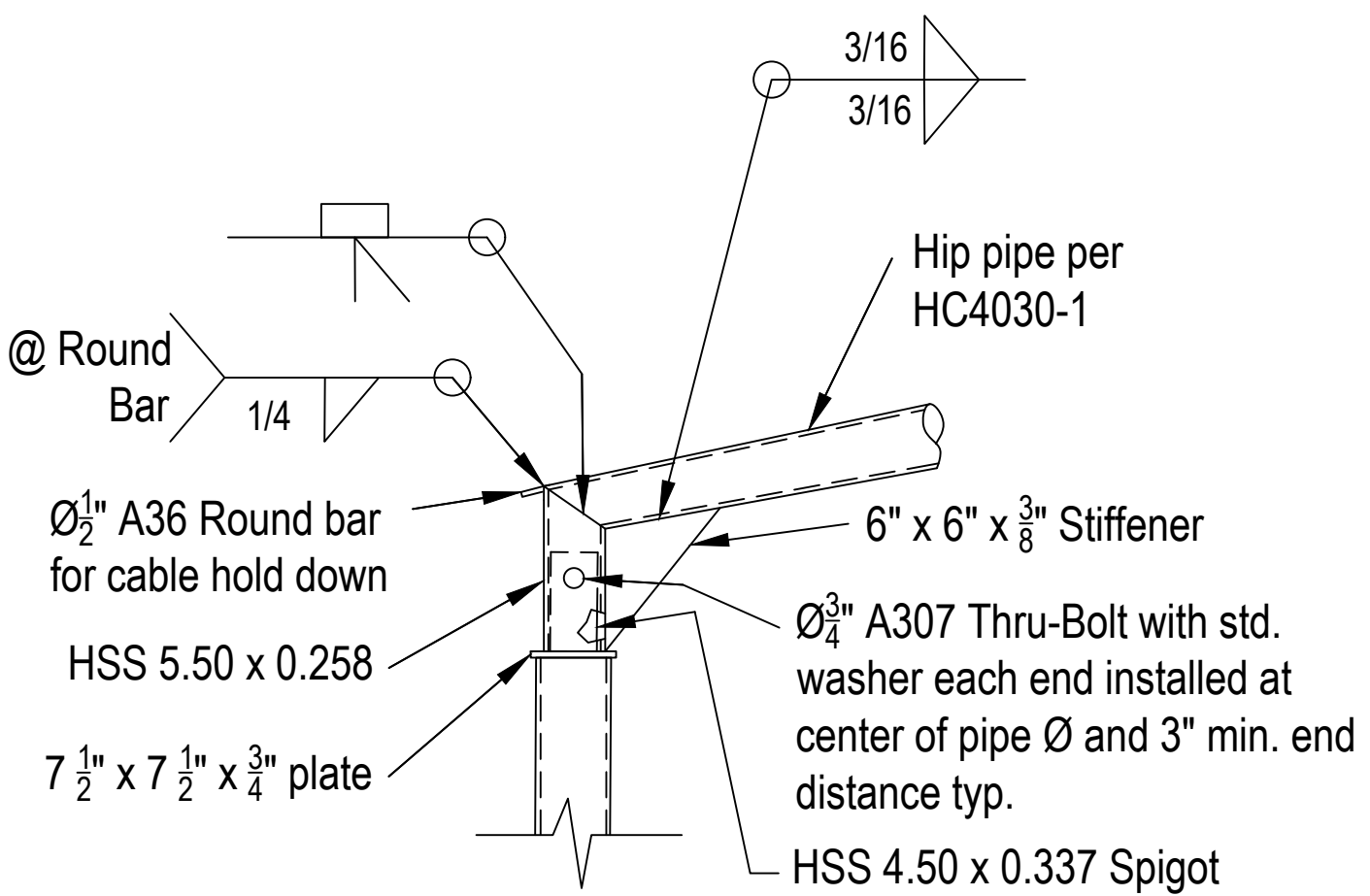
DATE: JAN 5, 2024  
 REVISION:

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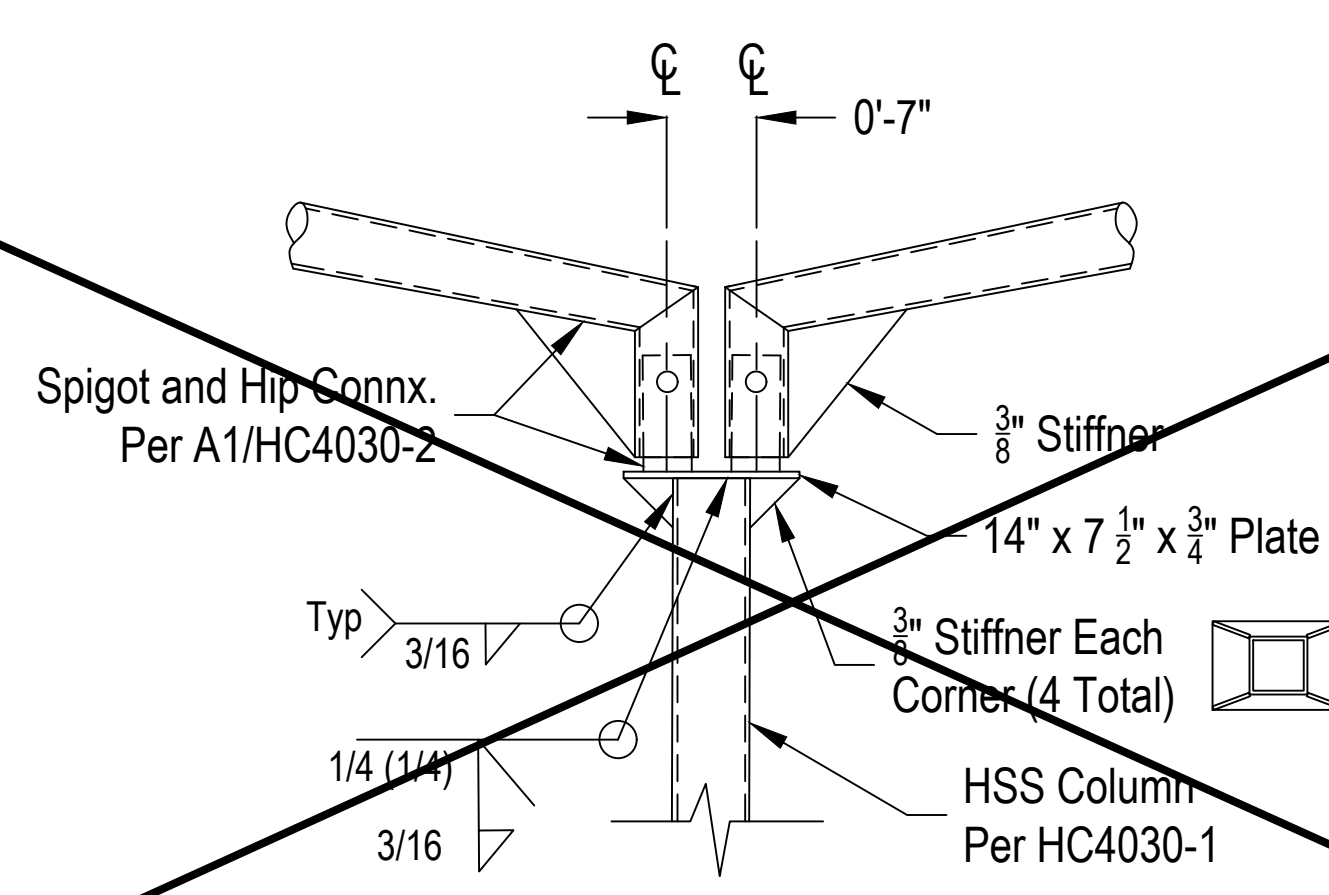


**Detail A1**

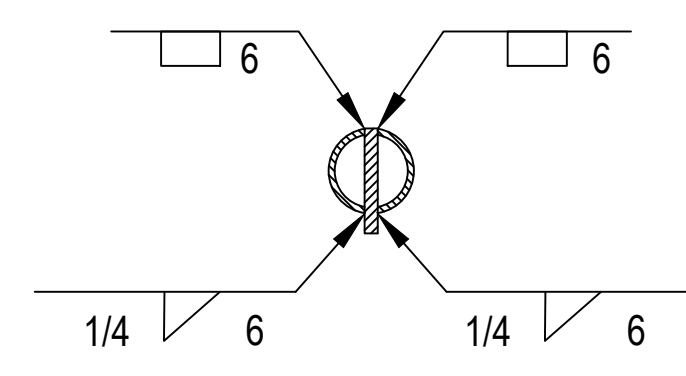


**Detail A1 Blowup View**

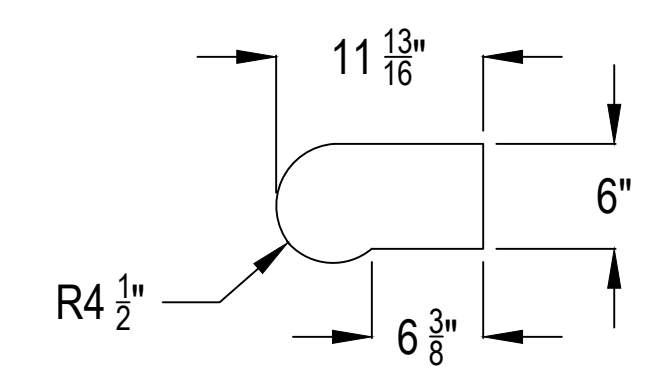
**Detail A1 Top View**



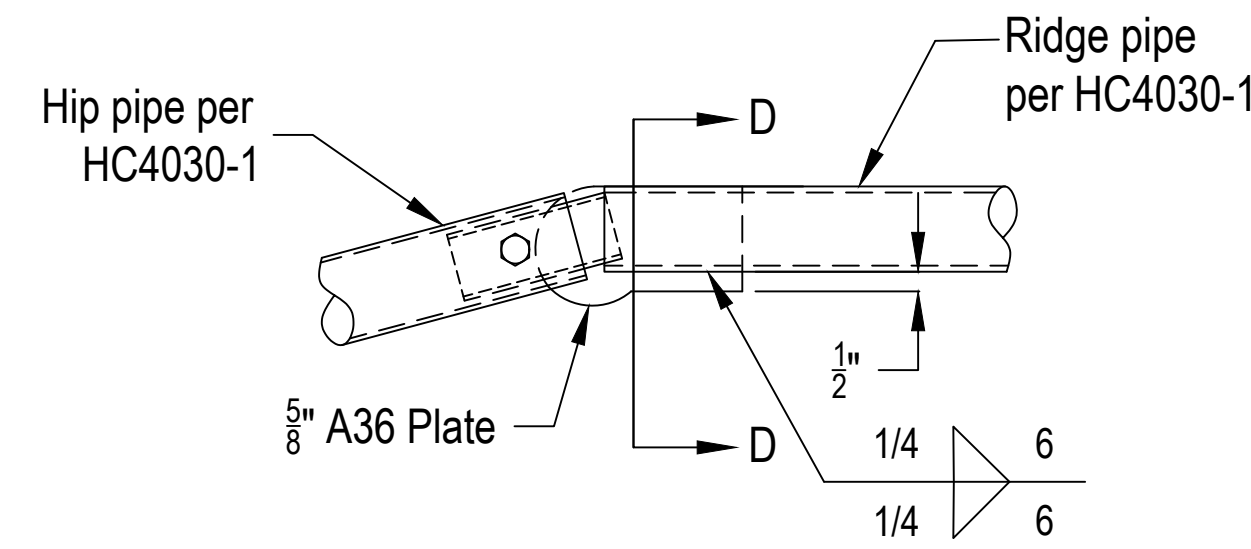
**Detail A2 Blowup View**



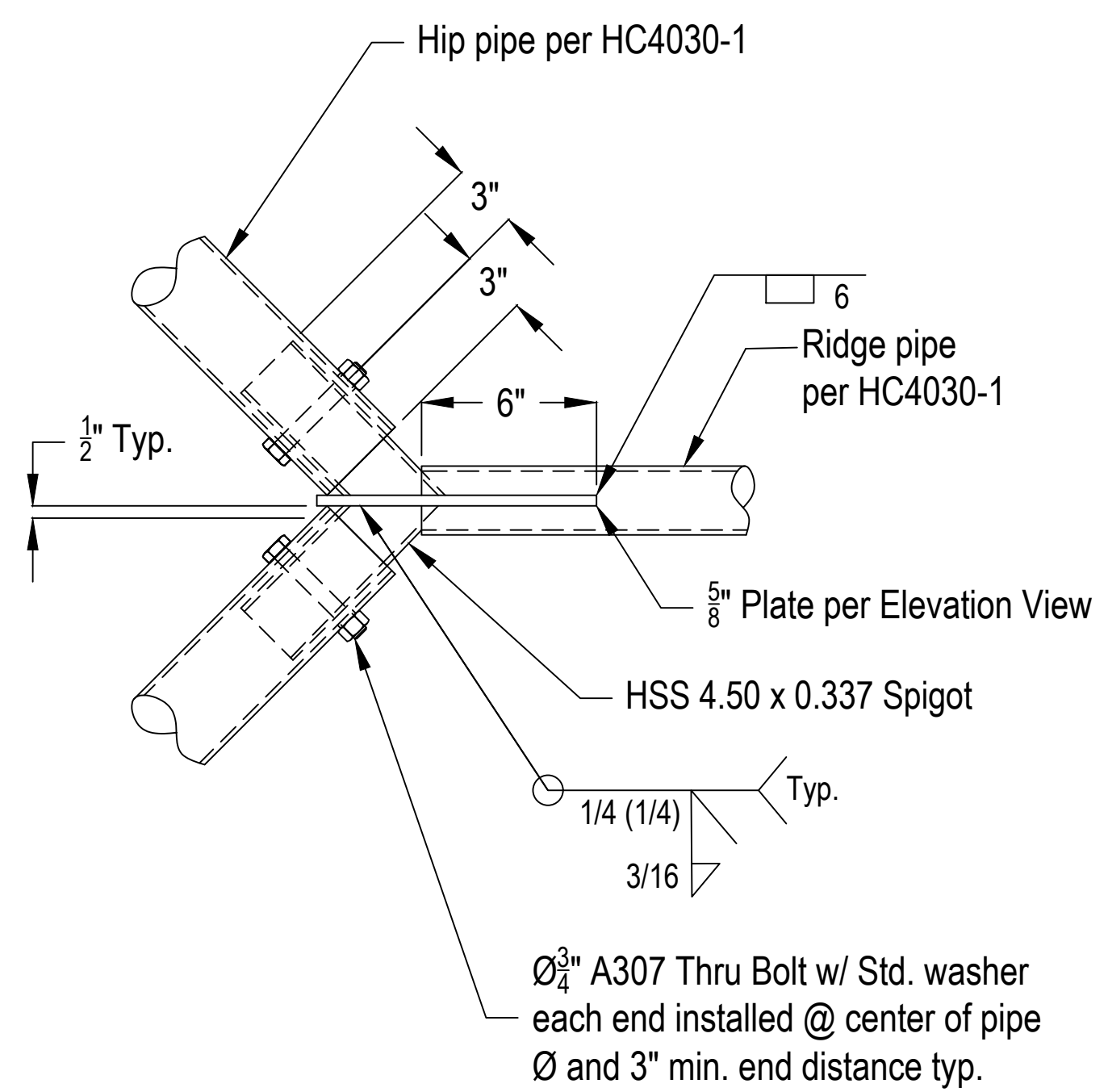
**Section View D-D**



**Knife Plate Detail**




**Detail B Elevation View**




**Detail B Plan View**

Scale: Not To Scale



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PRE-CHECK PC DOCUMENT  
CODE: 3923 CBC  
A separate registration for construction is required.

APPROVED  
DIV. OF THE STATE ARCHITECT  
APP: 04-121769 PC  
REVIEWED FOR:  
SS  FLS  ACS  CG   
DATE: 08/05/2023

**40'X30'X12' HIP CANOPY**

Project #  
**22-037**

Drawn By  
**RWE**

Date  
**12-20-22**



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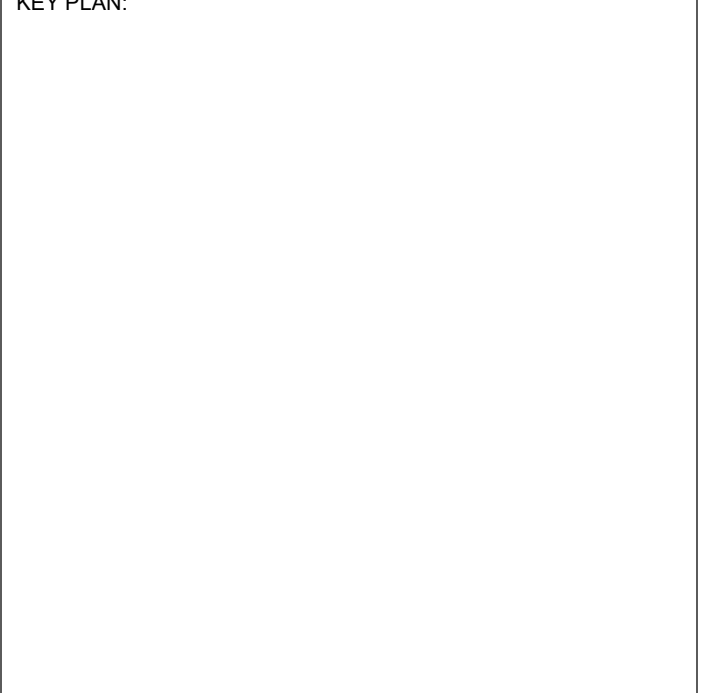
CONSULTANT:

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**CAMPUS RENEWAL**

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
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SACRAMENTO, CA 95824  
SACRAMENTO COUNTY

KEY PLAN:



SHEET TITLE:  
**40'X30'X12' HIP CANOPY DRAWINGS**

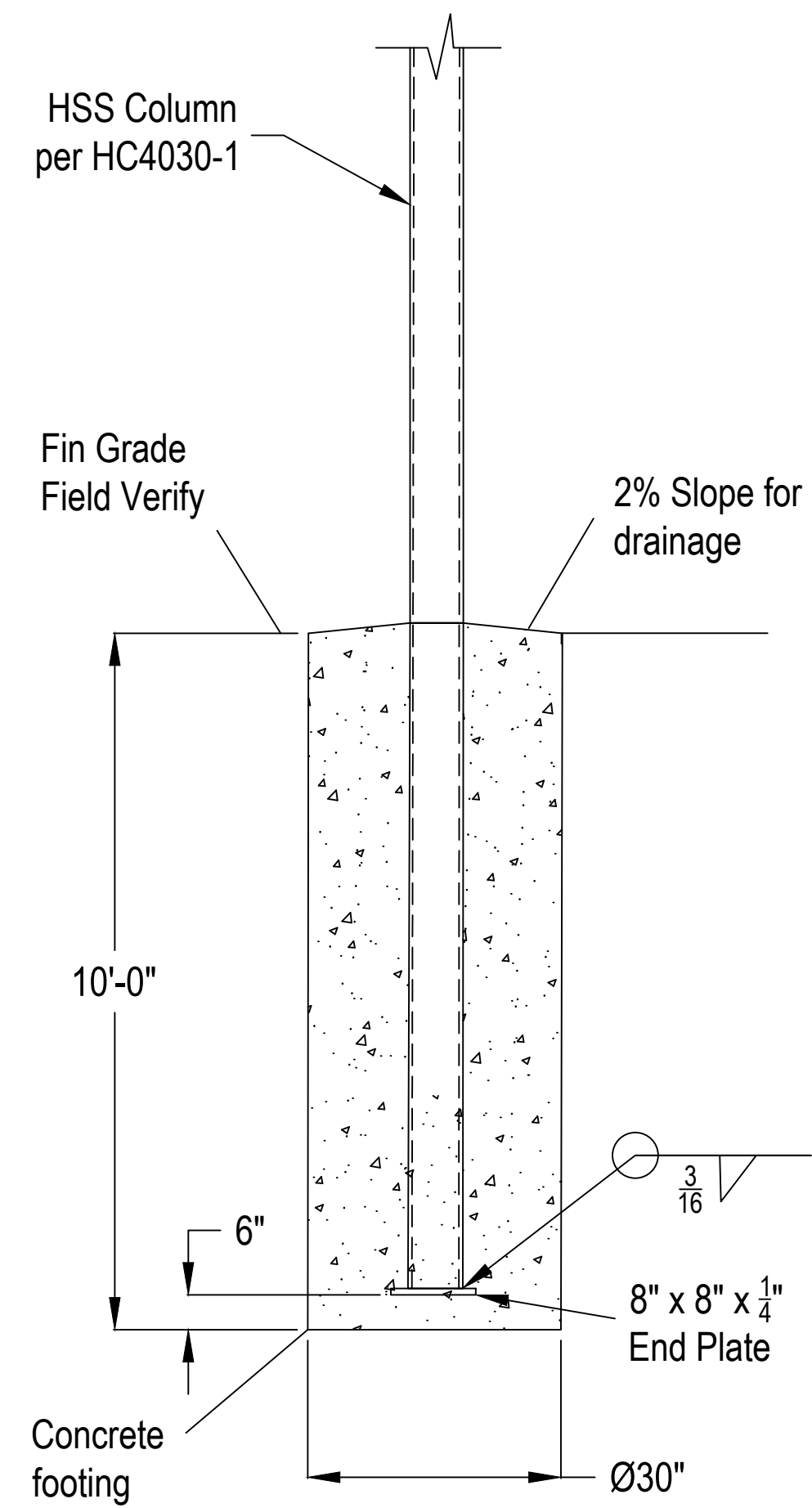
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**HC4030-2**

DATE:  
JAN 5, 2024

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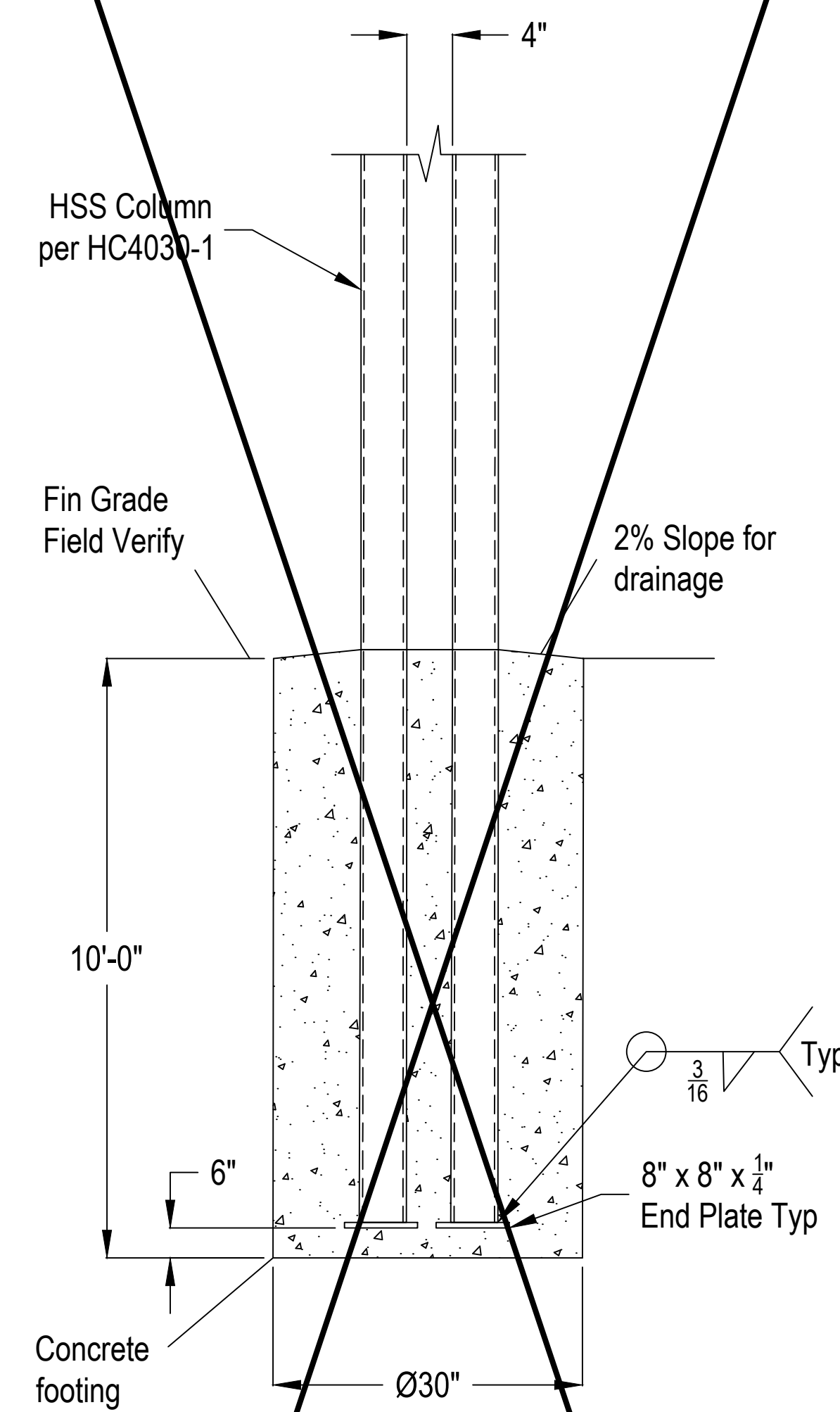


Node No.	Support Forces			Support Moments		
	P <sub>x</sub> [kip]	P <sub>y</sub> [kip]	P <sub>z</sub> [kip]	M <sub>x</sub> [kipft]	M <sub>y</sub> [kipft]	M <sub>z</sub> [kipft]
<b>LC1 - Self-weight</b>						
1	-0.119	-0.104	-0.677	0.51	-0.59	0.00
3	0.119	-0.104	-0.677	0.51	0.59	0.00
5	-0.119	0.104	-0.677	-0.51	-0.59	0.00
7	0.119	-0.104	-0.677	-0.51	0.59	0.00
<b>LC2 - Prestress</b>						
1	0.093	0.084	0.000	-0.59	0.75	0.04
3	-0.093	0.084	0.000	-0.59	-0.75	-0.04
5	0.093	-0.084	0.000	0.59	0.75	-0.04
7	-0.093	-0.084	0.000	0.59	-0.75	0.04
<b>LC3 - Live</b>						
1	-0.104	0.228	-0.953	-2.74	-0.55	-0.21
3	0.104	0.228	-0.953	-2.74	0.55	0.21
5	-0.103	-0.228	-0.953	2.74	-0.54	0.21
7	0.103	-0.228	-0.953	2.74	0.55	-0.21
<b>LC4 - Wind 1</b>						
1	2.114	3.076	0.736	-24.56	16.71	0.85
3	-2.114	3.076	0.736	-24.56	-16.71	-0.85
5	2.474	-1.910	2.417	11.88	18.31	-0.63
7	-2.474	-1.909	2.417	11.87	-18.31	0.63
<b>LC5 - Wind 2</b>						
1	0.494	1.856	1.513	-13.70	1.16	0.21
3	-2.314	2.526	0.066	-21.00	-18.49	0.55
5	0.494	-1.856	1.514	13.70	1.17	-0.21
7	-2.315	-2.526	0.066	20.99	-18.49	-0.55
<b>LC6 - Snow</b>						
1	-0.104	0.228	-0.953	-2.74	-0.55	-0.21
3	0.104	0.228	-0.953	-2.74	0.55	0.21
5	-0.103	-0.228	-0.953	2.74	-0.54	0.21
7	0.103	-0.228	-0.953	2.74	0.55	-0.21



NOTE: This drawing shall not be used on Double Post Option

Detail C1  
 Embedded Single Post Option



Detail C2  
 Embedded Double Post Option

Scale: Not To Scale

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 CODE: 302 c/c/c  
 A separate application for:  
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 DIV. OF THE STATE ARCHITECT  
 APP: 04-121769 PC  
 REVIEWED FOR  
 SS  FLS  ACS  CG   
 DATE: 09/06/2023

**40'X30'X12' HIP CANOPY**

Project # 22-037  
 Drawn By RWE  
 Date 12-20-22  
**HC4030-3**



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CONSULTANT:

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**CAMPUS RENEWAL**

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 SACRAMENTO COUNTY

KEY PLAN:

SHEET TITLE:  
**40'X30'X12' HIP CANOPY DRAWINGS**

JOB NUMBER: SHEET NUMBER:  
**HC4030-3**  
 DATE:  
 JAN 5, 2024  
 REVISION: