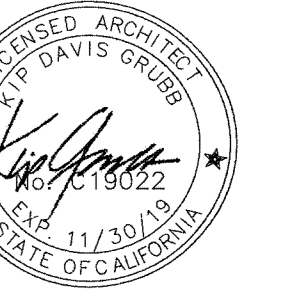


# GYM HVAC REPLACEMENT

## AMOS ALONZO STAGG HIGH SCHOOL

### STOCKTON UNIFIED SCHOOL DISTRICT

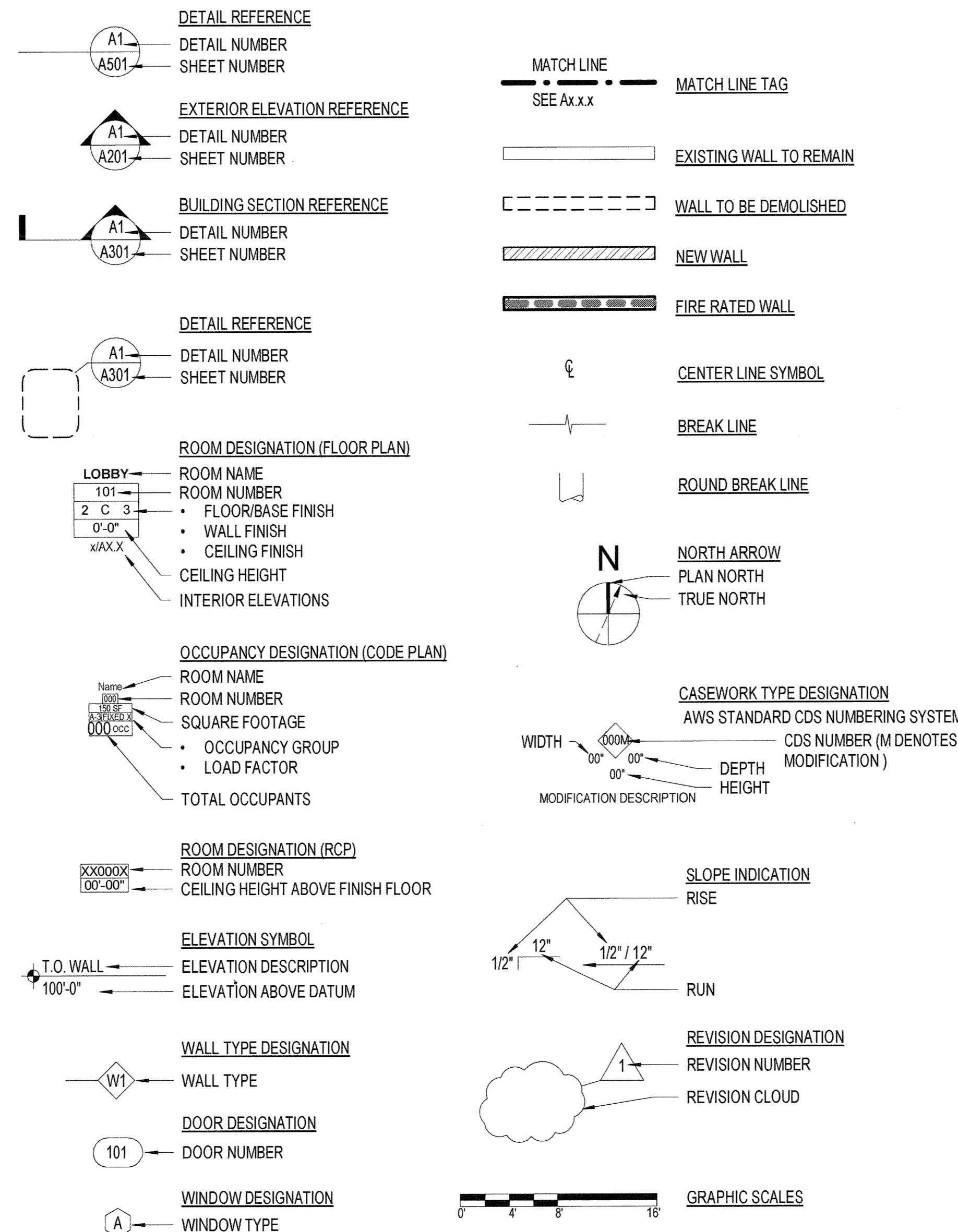
#### 1621 BROOKSIDE ROAD, STOCKTON, CA 95207



### LIST OF ABBREVIATIONS

<b>A</b> A/C AD AFF AHU ALUM ANOD ARCH @	AIR CONDITIONING AREA DRAIN ABOVE FINISHED FLOOR AIR HANDLING UNIT ALUMINUM ANODIZED ARCHITECT AT	<b>F</b> FO FOM FOS FOW FRG FSP FT FV	FINISHED OPENING FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FIBER REINFORCED GYPSUM FIRE STANDPIPE FEET FIELD VERIFY	<b>Q</b> QT	QUARRY TILE
<b>B</b> BD BLDG BO	BOARD BUILDING BOTTOM OF	<b>G</b> GA GALV GFRC	GAUGE GALVANIZED GLASS-FIBER-REINFORCED CONCRETE	<b>R</b> R RAD RCP RD REF REQD REV	RISER OR RADIUS RADIUS REFLECTED CEILING PLAN ROOF DRAIN REFRIGERATOR REQUIRED REVISION
<b>C</b> C CH CFCI	CELSIUS COAT HOOK CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	<b>H</b> H HB HDR CL CLO CLR CMU COL	GLASS-FIBER-REINFORCED GYPSUM GLASS GYPSUM WALL BOARD GYPSUM	<b>S</b> SAM SCHED SECT SIM SPEC SS STD STRUCT	SMOKE DETECTOR SELF ADHESIVE MEMBRANE SCHEDULE SECTION SIMILAR SPECIFICATION STAINLESS STEEL STANDARD STRUCTURAL
<b>D</b> DEG DEMO DIA DIM DN DS DWGS	DEEP DEGREE DEMOLITION DRINKING FOUNTAIN DIAMETER DIMENSION DOWN DOWNSPOUT DRAWINGS	<b>I</b> ID IN INFO INT	GFRG GL GWB GYP	<b>T</b> T TEL TEMP THK TOC TOM TOP TOS TOW TYP TO	TREAD TELEPHONE TEMPORARY THICK TOP OF CONCRETE TOP OF MASONRY TOP OF PARAPET TOP OF SLAB, TOP OF STEEL TOP OF WALL TYPICAL TOP OF
<b>E</b> EA EJ EIFS EL ELEC ELEV EOS ERD EQ EQUIP EWC EXIST EXP EXT	EACH EXPANSION JOINT EXTERIOR INSULATION AND FINISH SYSTEM ELEVATION ELECTRICAL ELEVATOR EDGE OF SLAB EXISTING ROOF DRAIN EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPPOSED EXTERIOR	<b>J</b> JAN	LAB LAV LBS LLH LLV LPT	<b>U</b> UL UNO	UNDERWRITER'S LABORATORIES UNLESS NOTED OTHERWISE
<b>F</b> FA FACP FDC FD FEC FE FG FHC FIN FLR FND	FAHRENHEIT FIRE ALARM FIRE ALARM CONTROL PANEL FIRE DEPARTMENT CONNECTION FLOOR DRAIN FIRE EXTINGUISHER CABINET FIRE EXTINGUISHER FINISH GRADE FIRE HOSE CABINET FINISH FLOOR FOUNDATION	<b>K</b> (NOT USED)	LABORATORY LAVATORY POUNDS LONG LEG HORIZONTAL LONG LEG VERTICAL LOW POINT	<b>V</b> VCT VERT VEST VIF	VINYL COMPOSITE TILE VERTICAL VESTIBULE VERIFY IN FIELD
<b>M</b> MACH RM MAX MFR MECH MEZZ MIN MO	MACHINE ROOM MAXIMUM MANUFACTURER MECHANICAL MEZZANINE MINIMUM MASONRY OPENING	<b>L</b> LAB LAV LBS LLH LLV LPT	JANITOR (NOT USED)	<b>W</b> W W/O WD WH WP WRB	WITH WITHOUT WOOD WALL HYDRANT WORKING POINT WEATHER RESISTIVE BARRIER
<b>N</b> NA NIC NOM NTS	NOT APPLICABLE NOT IN CONTRACT NOMINAL NOT TO SCALE	<b>M</b> MACH RM MAX MFR MECH MEZZ MIN MO	LABORATORY LAVATORY POUNDS LONG LEG HORIZONTAL LONG LEG VERTICAL LOW POINT	<b>X,Y,Z</b> (NOT USED)	(NOT USED)
<b>O</b> OC OD	ON CENTER OUTSIDE DIAMETER OUTSIDE DIMENSION	<b>N</b> NA NIC NOM NTS	NOT APPLICABLE NOT IN CONTRACT NOMINAL NOT TO SCALE	<b>W</b> W W/O WD WH WP WRB	WITH WITHOUT WOOD WALL HYDRANT WORKING POINT WEATHER RESISTIVE BARRIER
<b>P</b> P LAM PLAS PLUMB PR PSI PSF PVC	PLASTIC LAMINATE PLASTER PLUMBING PAIR POUNDS PER SQUARE INCH POUNDS PER SQUARE FOOT POLYVINYL CHLORIDE	<b>O</b> OC OD	ON CENTER OUTSIDE DIAMETER OUTSIDE DIMENSION	<b>W</b> W W/O WD WH WP WRB	WITH WITHOUT WOOD WALL HYDRANT WORKING POINT WEATHER RESISTIVE BARRIER

### DRAWING SYMBOL LEGEND



### SCOPE OF WORK

WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:  
RENOVATION OF GYMNASIUM BUILDING CONSISTING OF HVAC SYSTEM  
REPLACEMENT AND ASSOCIATED WORK

NOTE: THE ADJACENT SHOWER/LOCKER ROOMS AND CAMPUS WILL BE OCCUPIED  
THROUGHOUT THE DURATION OF THE CONSTRUCTION SCHEDULE.

PROTECTION OF GYMNASIUM INTERIOR FINISH, HARDWOOD FLOORING AND BLEACHERS IS  
REQUIRED

SECURITY FENCING AND OVERHEAD PROTECTION IS REQUIRED FOR PUBLIC/STUDENT  
ACCESS TO/FROM THE SHOWER/LOCKER ROOMS AND TO THE ADJACENT POOL DECK

### DSA DEFERRED SUBMITTALS

NONE.

### PROJECT TEAM

#### OWNER

STOCKTON UNIFIED SCHOOL DISTRICT  
1621 BROOKSIDE ROAD,  
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(209) 933-7045  
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#### ARCHITECT

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CAPITAL ENGINEERING CONSULTANTS, INC.  
11020 SUN CENTER DR., SUITE 100,  
RANCHO CORDOVA, CA  
(916) 851-3528  
MIKE MINGE  
E-MAIL: mminge@capital-engineering.com

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STRUCTURAL	A7.0 ROOF DETAILS A7.1 ROOF DETAILS A7.2 ROOF DETAILS
MECHANICAL	M0.1 MECHANICAL SCHEDULE, LEGEND AND NOTES M0.2 MECHANICAL EQUIPMENT SCHEDULES M1.0 MECHANICAL SITE PLAN M2.0 MECHANICAL DEMOLITION FLOOR PLAN M2.1 MECHANICAL DEMO ROOF / MEZZANINE PLAN M2.2 MECHANICAL FLOOR PLAN M2.3 MECHANICAL ROOF PLAN M2.4 MECHANICAL MEZZANINE LEVEL PLAN M2.5 MECHANICAL LOCKER ROOMS FLOOR PLANS M2.6 MECHANICAL BUILDING K FLOOR PLANS M2.7 MECHANICAL BLDG M FLOOR PLAN M4.1 MECHANICAL SECTIONS M4.2 MECHANICAL SECTIONS M4.3 MECHANICAL SECTIONS M5.1 MECHANICAL DETAILS M5.2 MECHANICAL DETAILS M6.1 MECHANICAL CONTROLS M6.2 MECHANICAL CONTROLS M7.1 ENERGY CODE COMPLIANCE FORMS
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Grand total: 49	

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DATE 02 - 13 - 2019

**GYM HVAC  
REPLACEMENT**

**AMOS ALONZO  
STAGG  
HIGH SCHOOL**

1621 BROOKSIDE RD.,  
STOCKTON, CA 95207

STOCKTON UNIFIED  
SCHOOL DISTRICT



#### REVISIONS

ADDENDUM 01 6/1/2022

PROJECT NUMBER: 2017-015.00

DSA SUBMITTAL: 02/13/2019

**COVER SHEET  
AND GENERAL  
INFORMATION**

### APPLICABLE CODES

- 2016 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2015 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2015 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
- 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS



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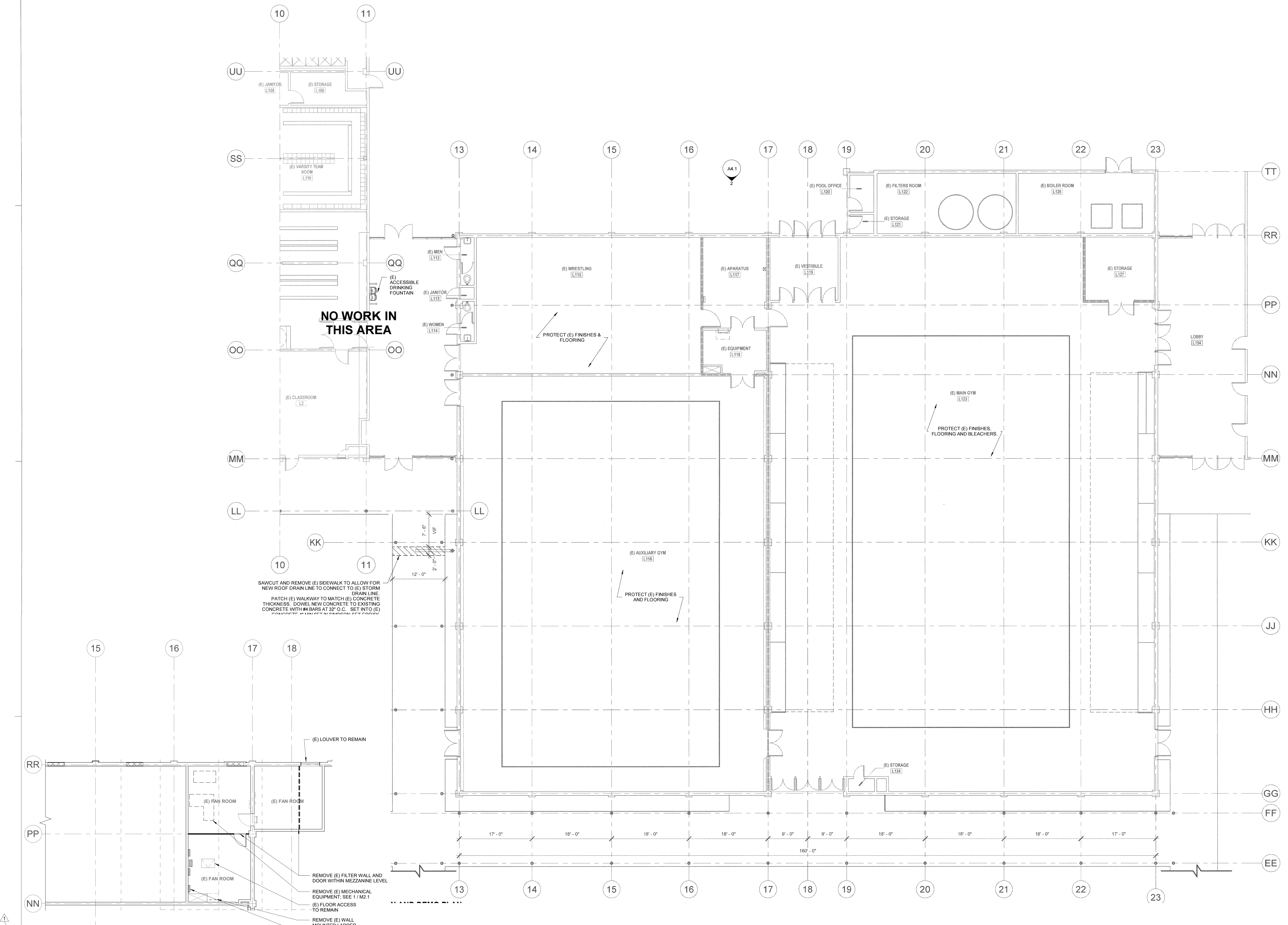
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PROJECT NUMBER: 2017-015.00

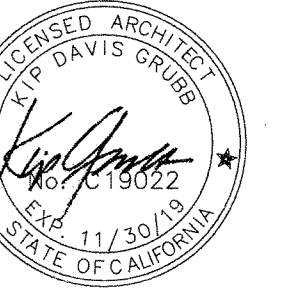
DSA SUBMITTAL: 02/13/2019

**EXISTING FLOOR PLANS AND DEMOLITION PLAN**



**2 EXISTING AND DEMOLITION MEZZANINE FLOOR PLAN AT FAN ROOM**  
A2.0 1/8" = 1'-0"

**1 GYM BLDG L EXISTING FLOOR PLAN AND DEMO PLAN**  
A2.0 1/8" = 1'-0"

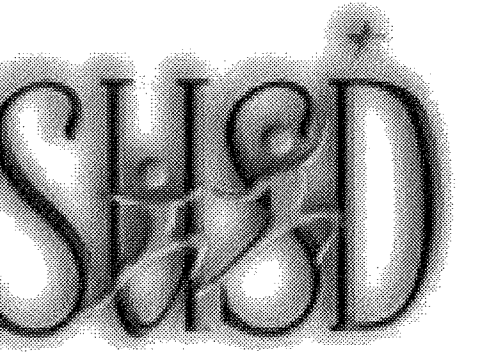


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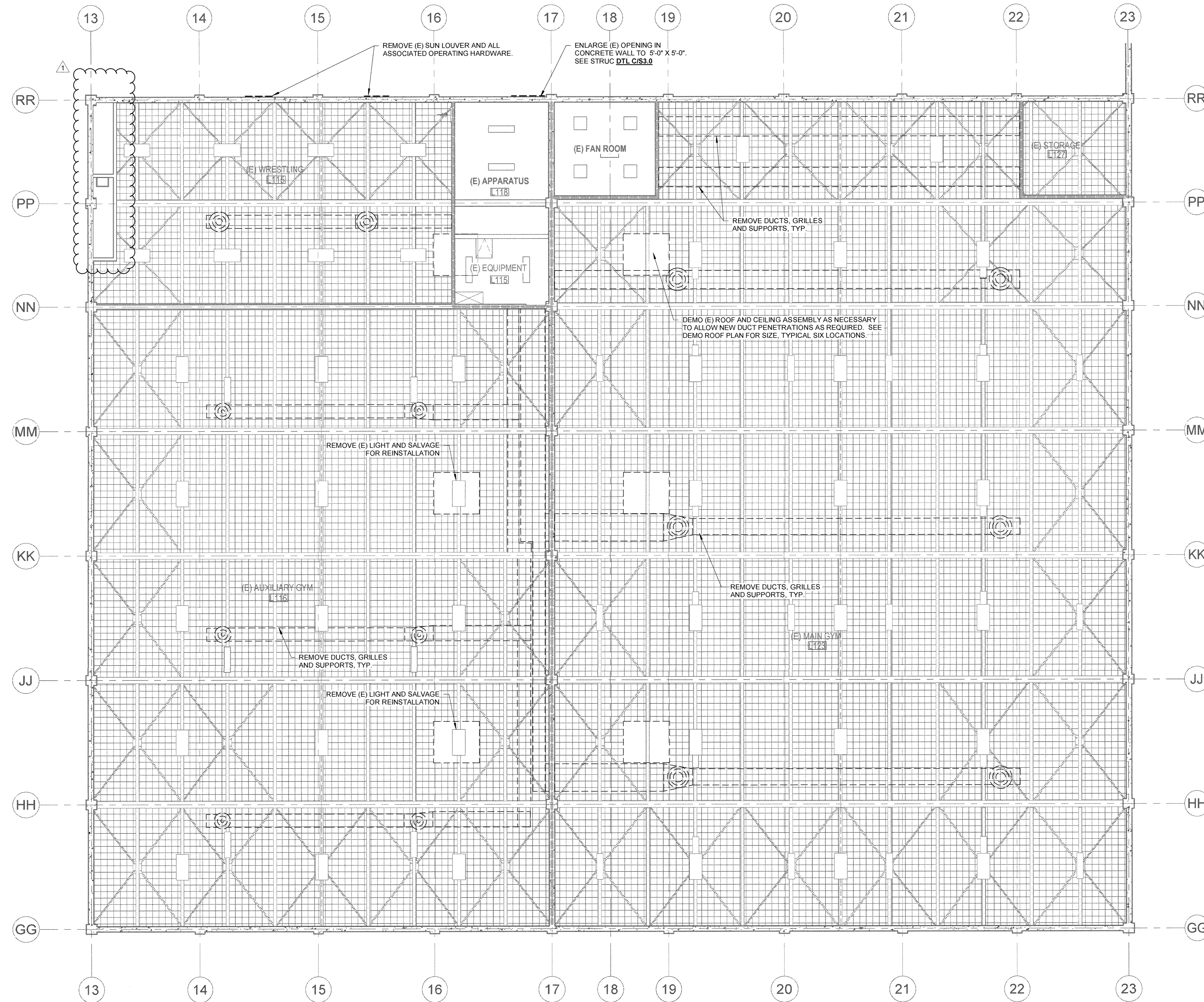
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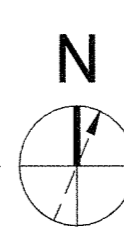
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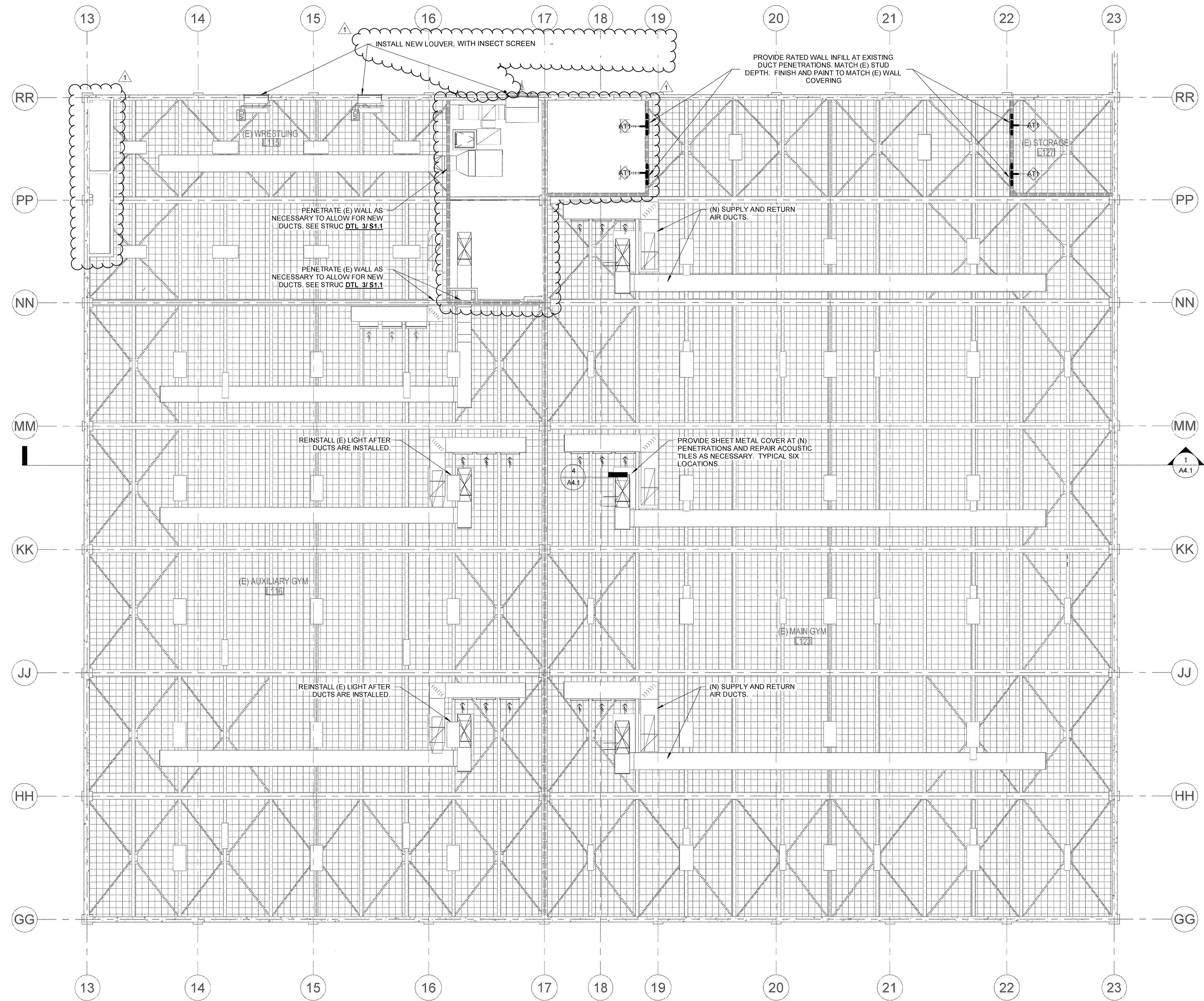
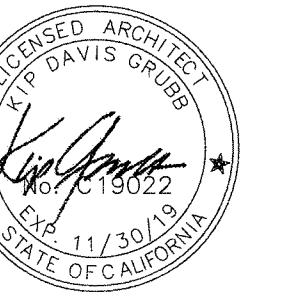
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**EXISTING AND DEMOLITION REFLECTED CEILING PLAN**



**1** EXISTING AND DEMOLITION REFLECTED CEILING PLAN  
A2.2 1/8" = 1'-0"





ASSEMBLY WALL TYPES				
MARK	TESTING AGENCY	ITEM NUMBER	DESCRIPTION OF CONSTRUCTION	RATING
A	C.B.C.	14-L3	2"x4" WOOD STUDS 24" ON CENTER WITH 5/8" TYPE X GYPSUM WALLBOARD APPLIED VERTICALLY OR HORIZONTALLY NAILED WITH 6d COOLER OR WALLBOARD NAILS AT 7" ON CENTER WITH END JOINTS ON WALLING MEMBERS. STAGGER JOINTS EACH SIDE.	1HR
T	721-X(2)			

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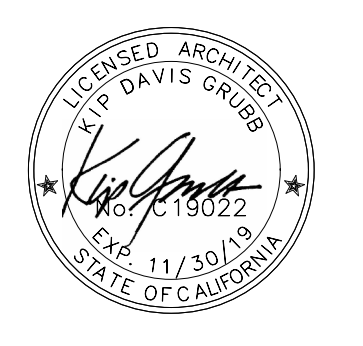


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**REFLECTED CEILING PLAN**

**1 REFLECTED CEILING PLAN**  
A2.3 1/8" = 1'-0"



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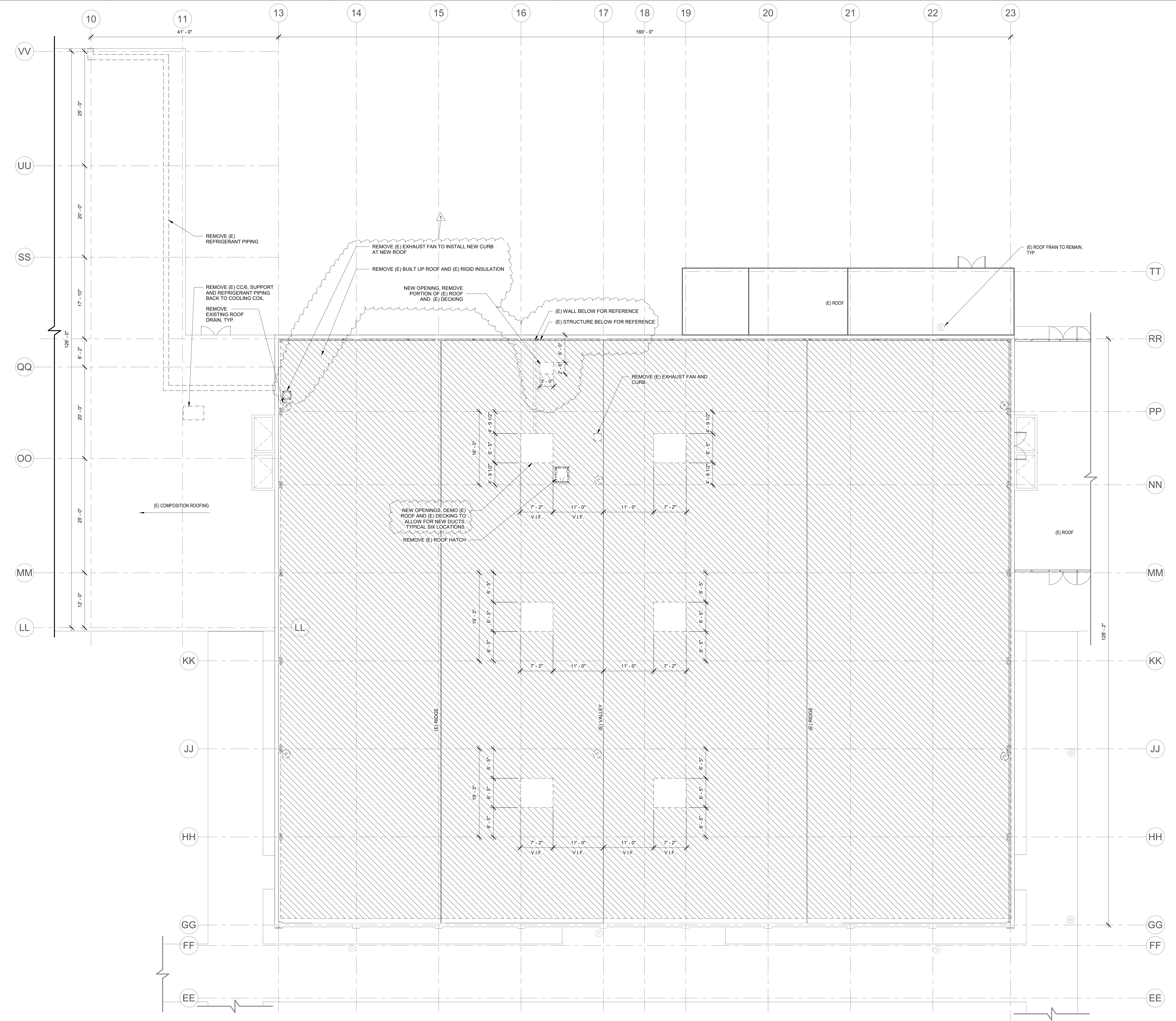


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**EXISTING AND DEMOLITION ROOF PLAN**



**1** EXISTING AND DEMOLITION ROOF PLAN  
A24 1/8" = 1'-0"

**AD1-A2.4**



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STOCKTON UNIFIED SCHOOL DISTRICT

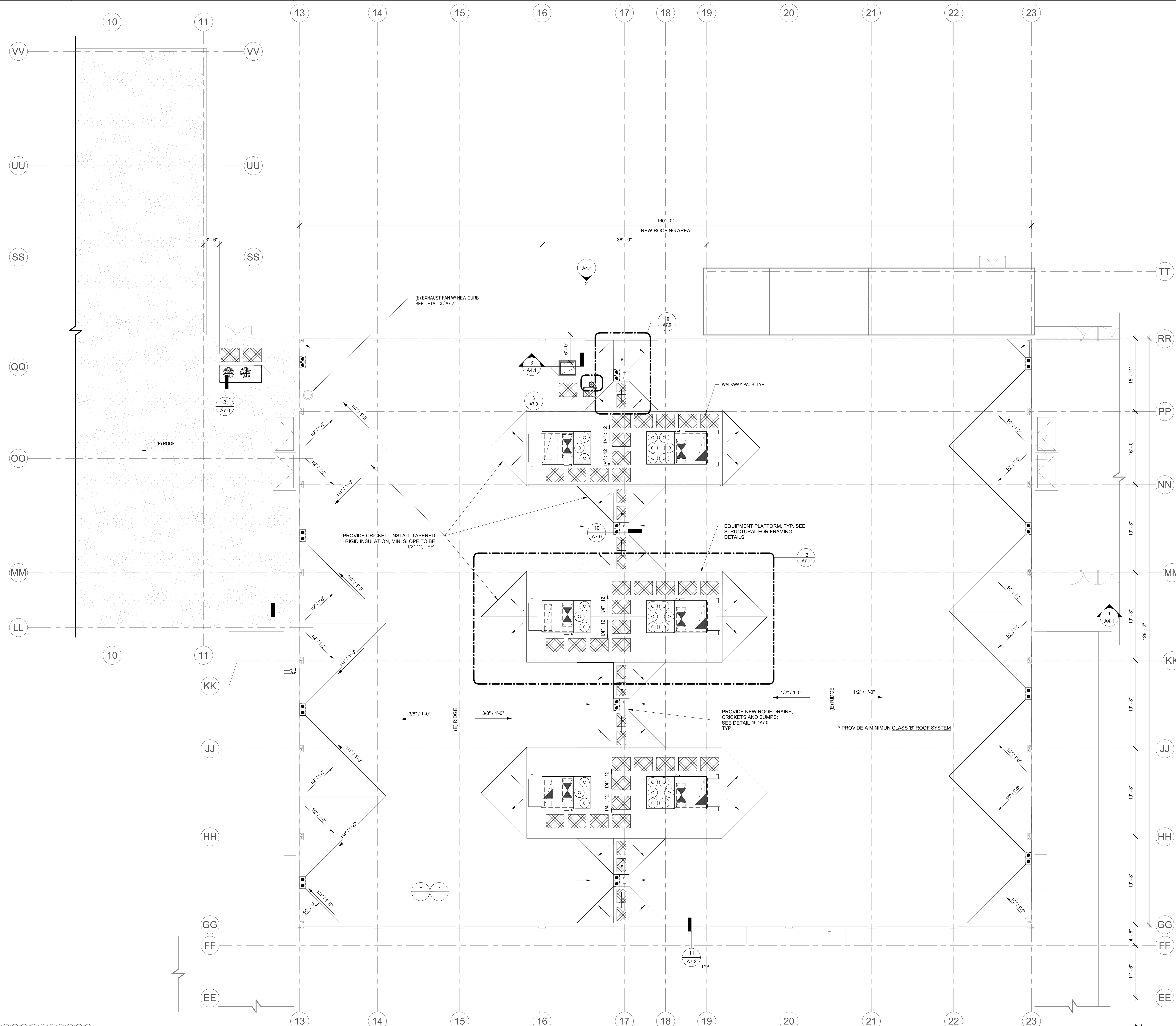


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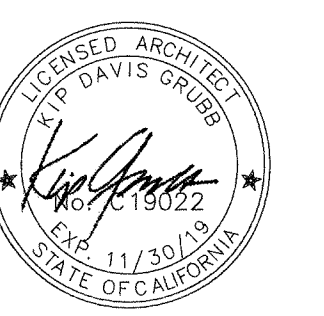
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**ROOF PLAN**



**1 ROOF PLAN**  
A2.5 1/8" = 1'-0"

N  
**AD1-A2.5**



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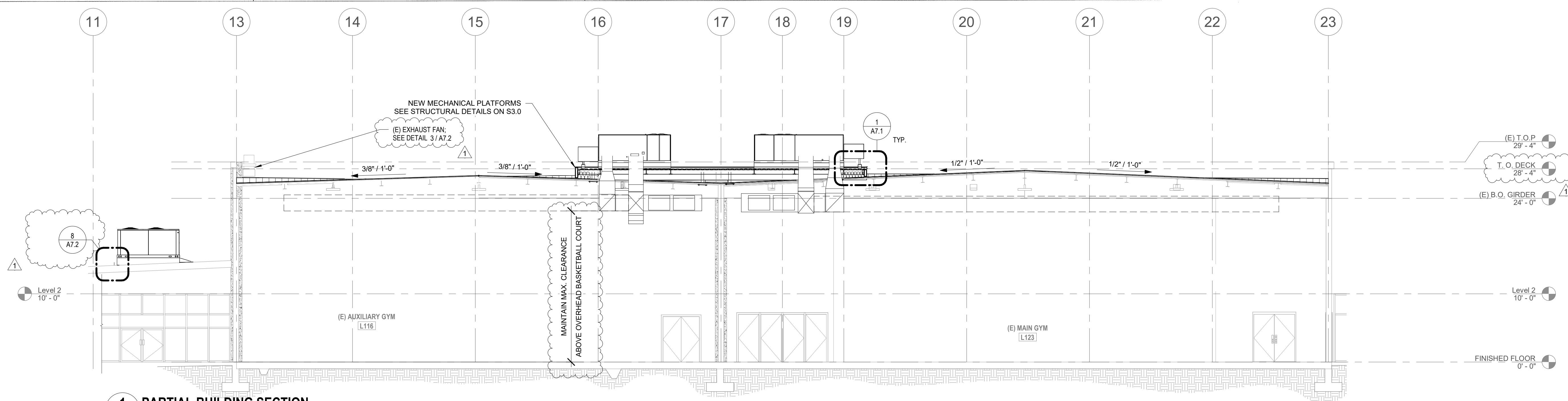
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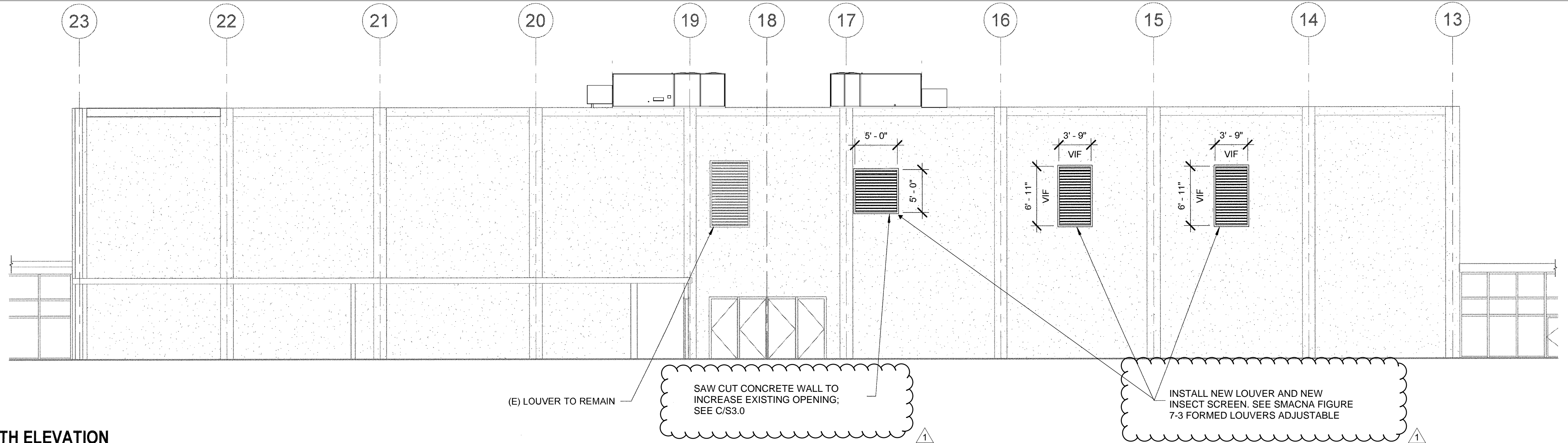
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**BUILDING SECTION AND DETAILS**

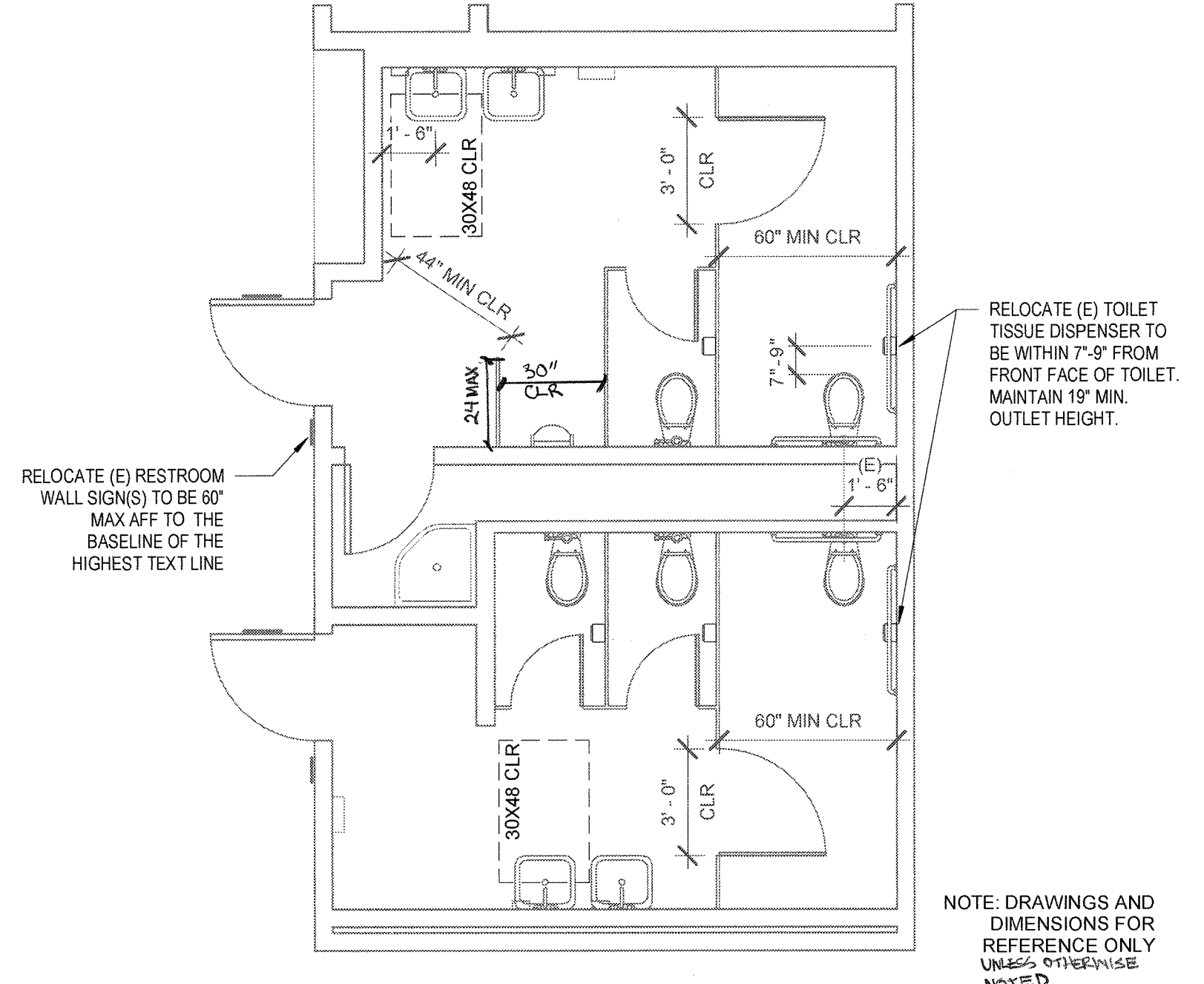
**AD1-A4.1**



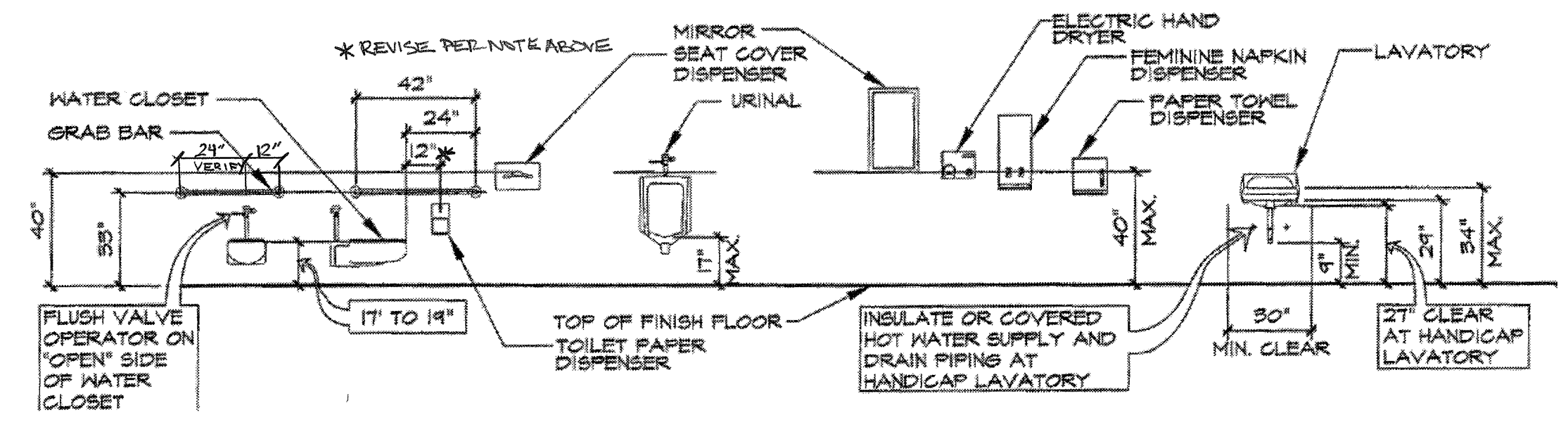
**1 PARTIAL BUILDING SECTION**  
A4.1 1/8" = 1'-0"



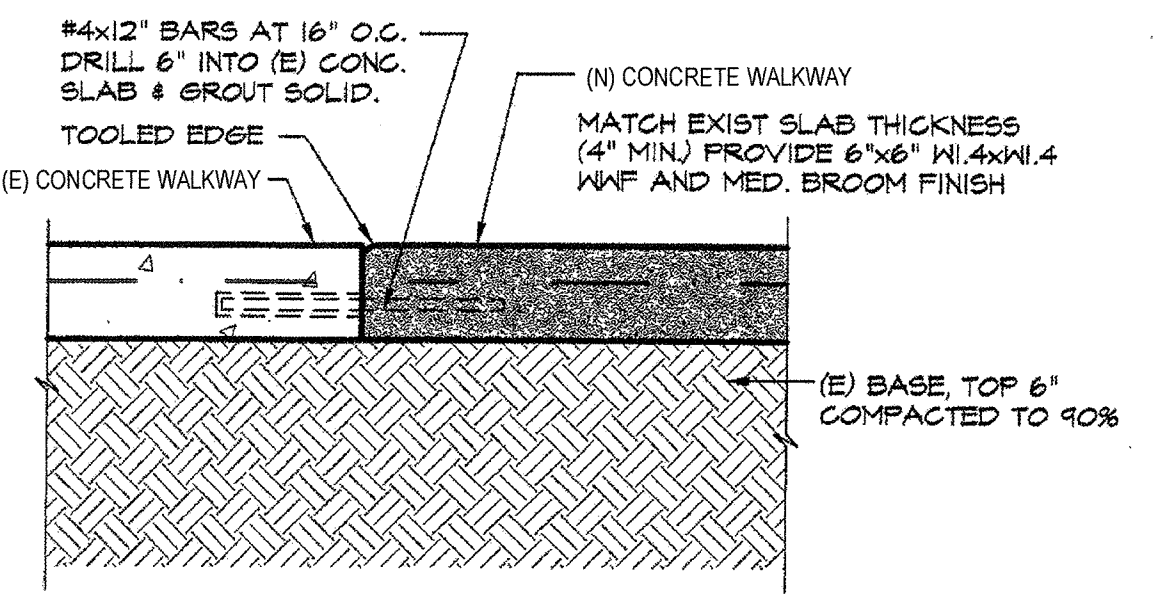
**2 PARTIAL NORTH ELEVATION**  
A4.1 1/8" = 1'-0"



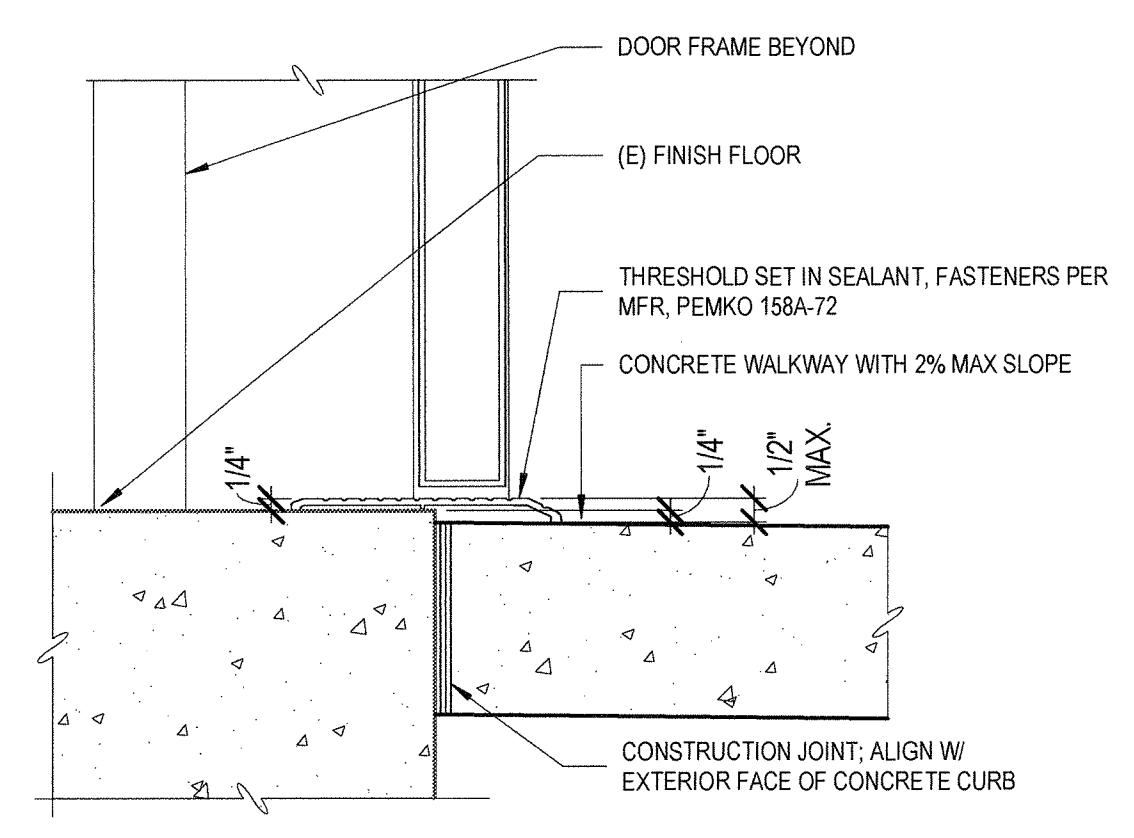
**6 ENLARGED EXISTING RESTROOMS**  
A4.1 1/4" = 1'-0"



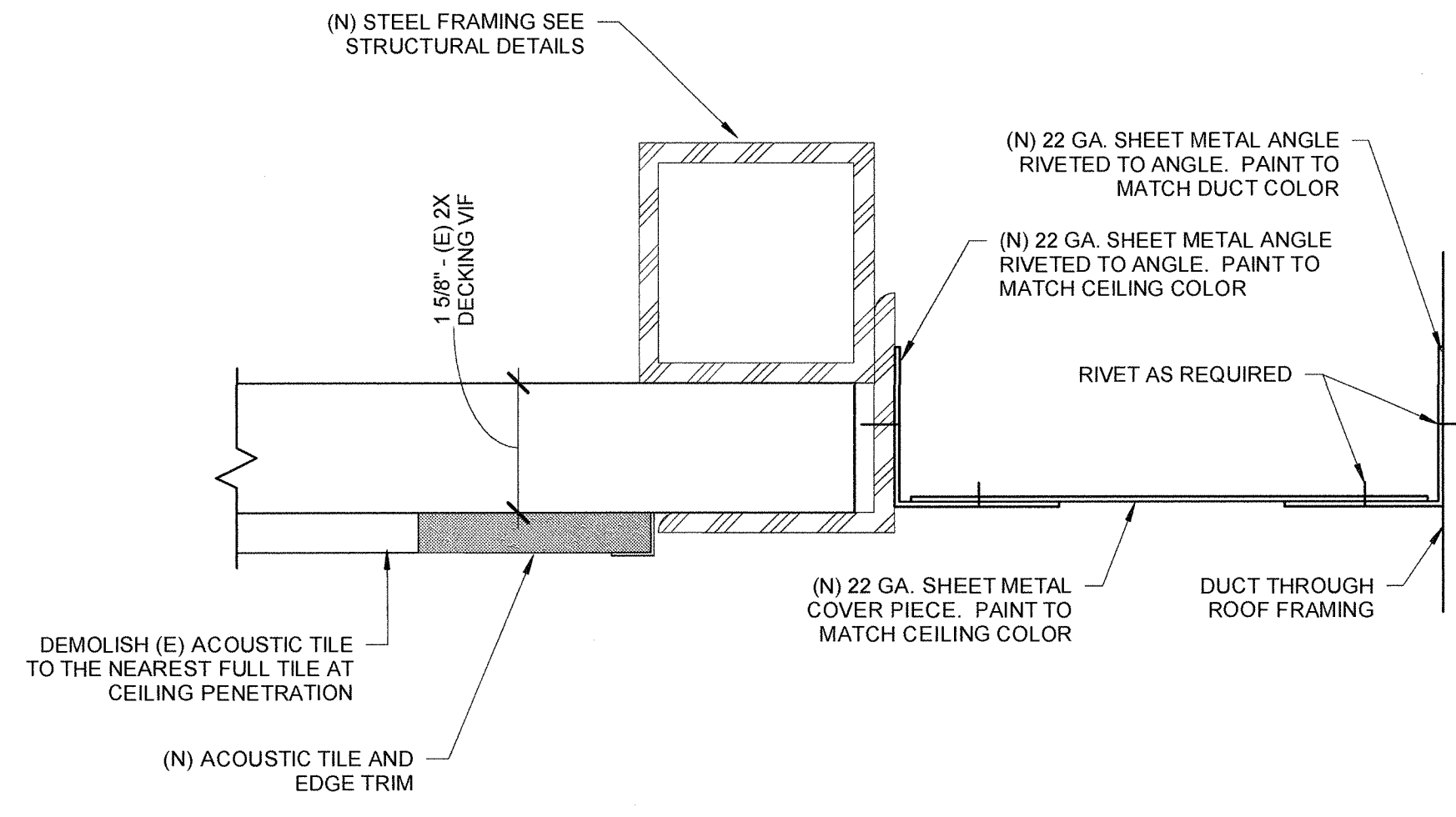
**8 (E) ACCESSORY MOUNTING HEIGHTS AT (E) RESTROOMS**  
A4.1 1/4" = 1'-0"



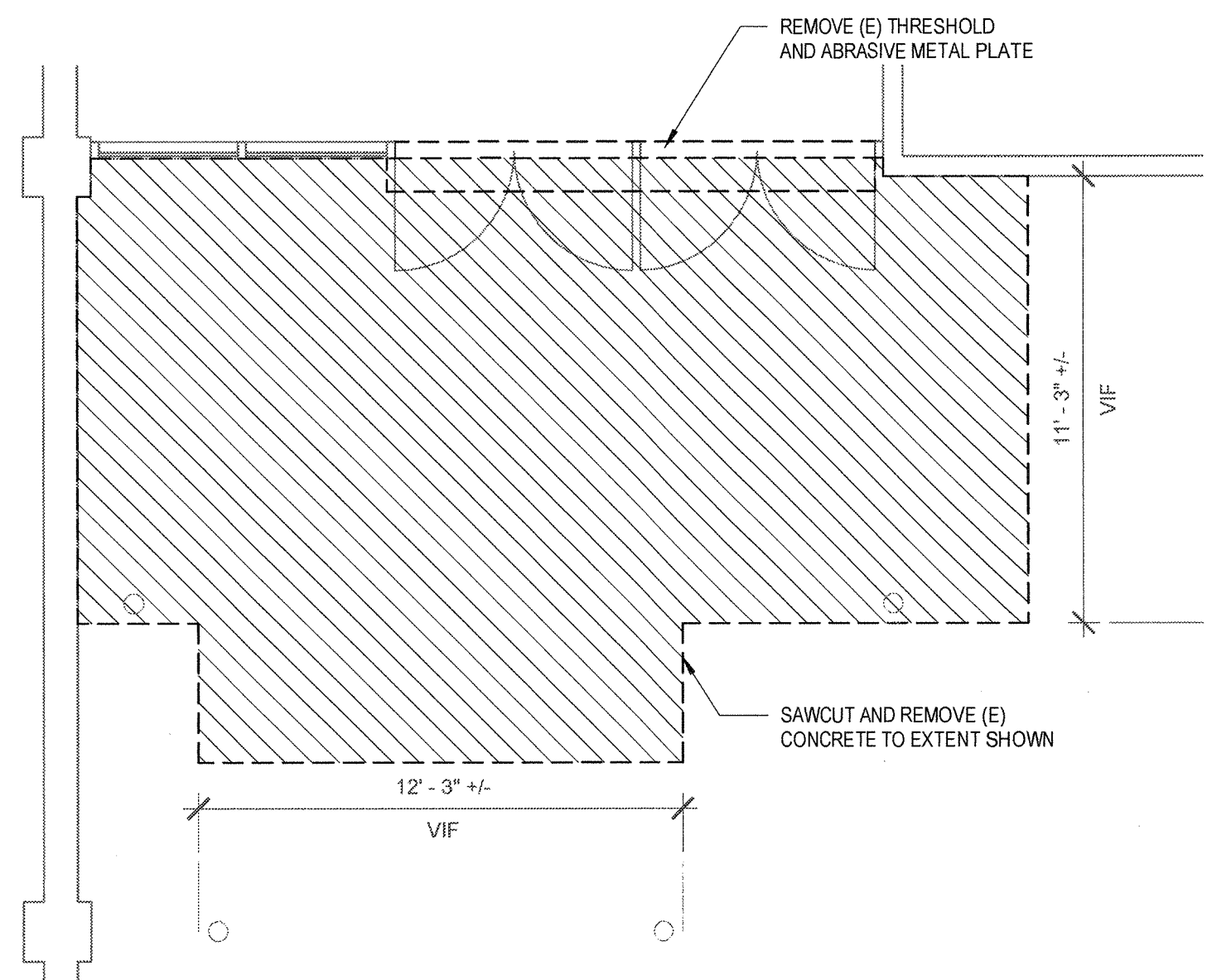
**9 NEW CONCRETE TO EXISTING CONCRETE WALKWAY**  
A4.1 1 1/2" = 1'-0"



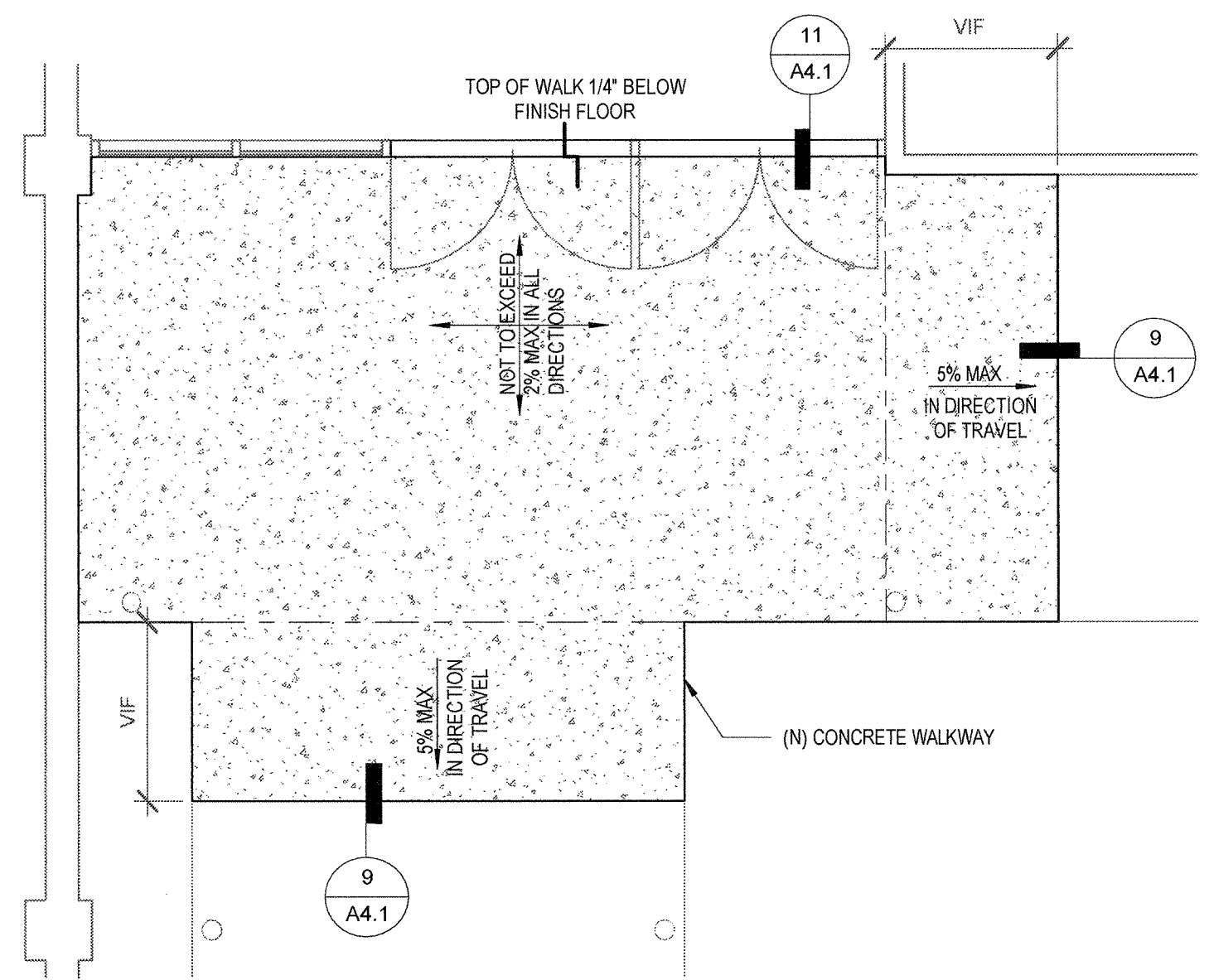
**11 DOOR THRESHOLD**  
A4.1 3" = 1'-0"



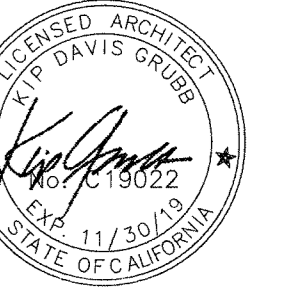
**4 PENETRATION DETAIL**  
A4.1 6" = 1'-0"



**5 ENLARGED PLAN ( DEMO AND NEW)**  
A4.1 1/4" = 1'-0"



**3 ROOF ACCESS LADDER SECTION**  
A4.1 1/2" = 1'-0"



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REVISIONS

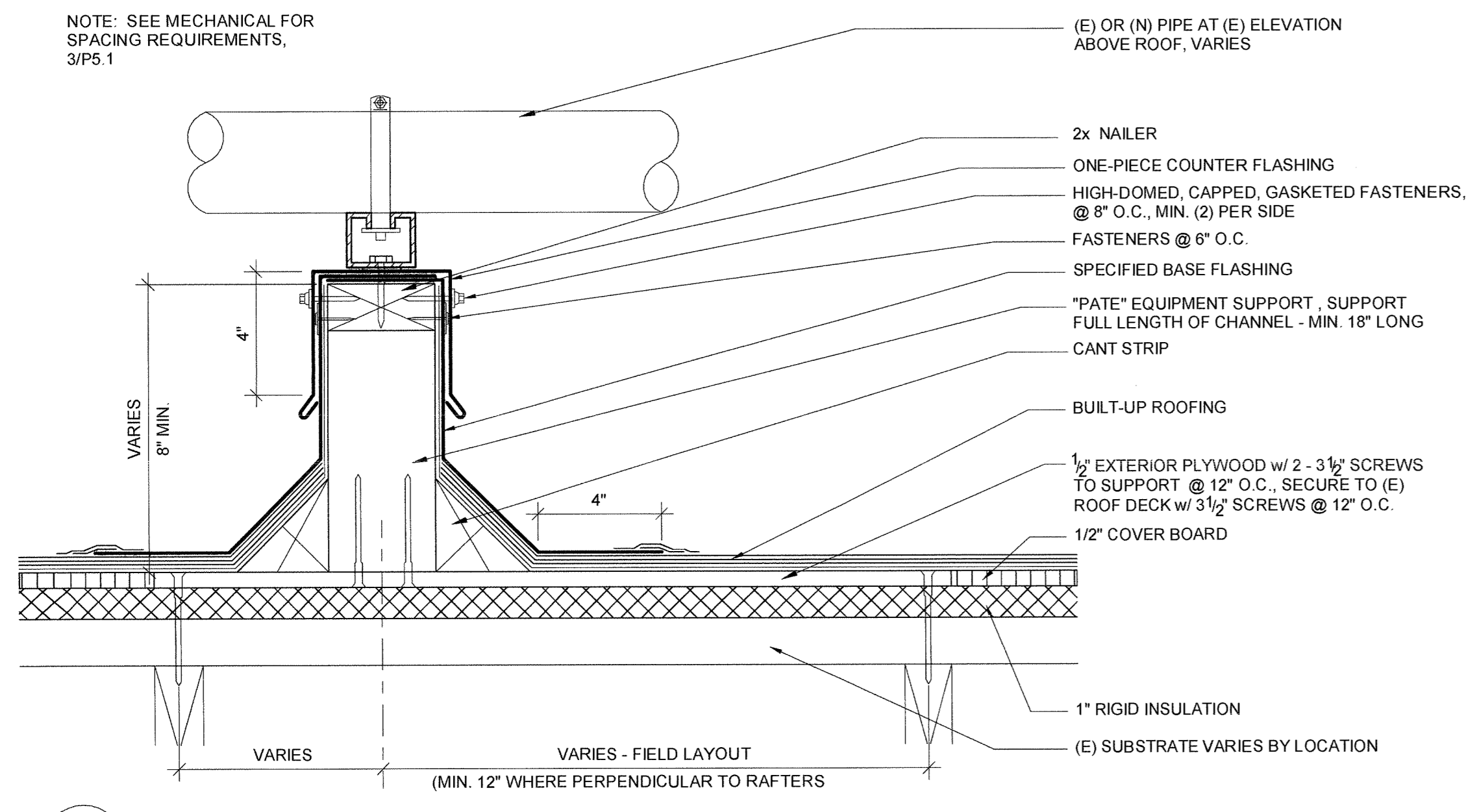
ADDENDUM 01 6/1/2022

PROJECT NUMBER: 2017-015.00

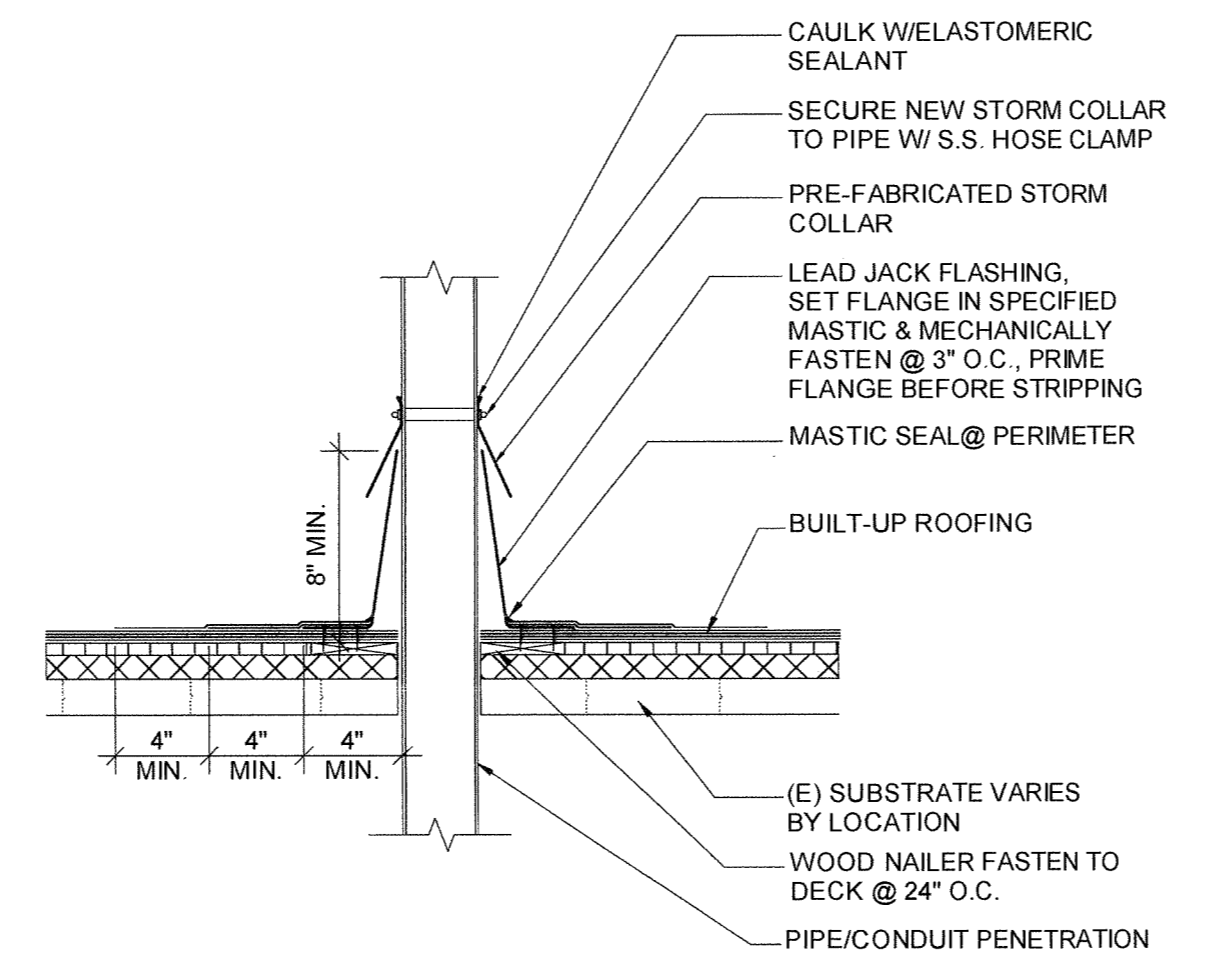
DSA SUBMITTAL: 02/13/2019

**ROOF DETAILS**

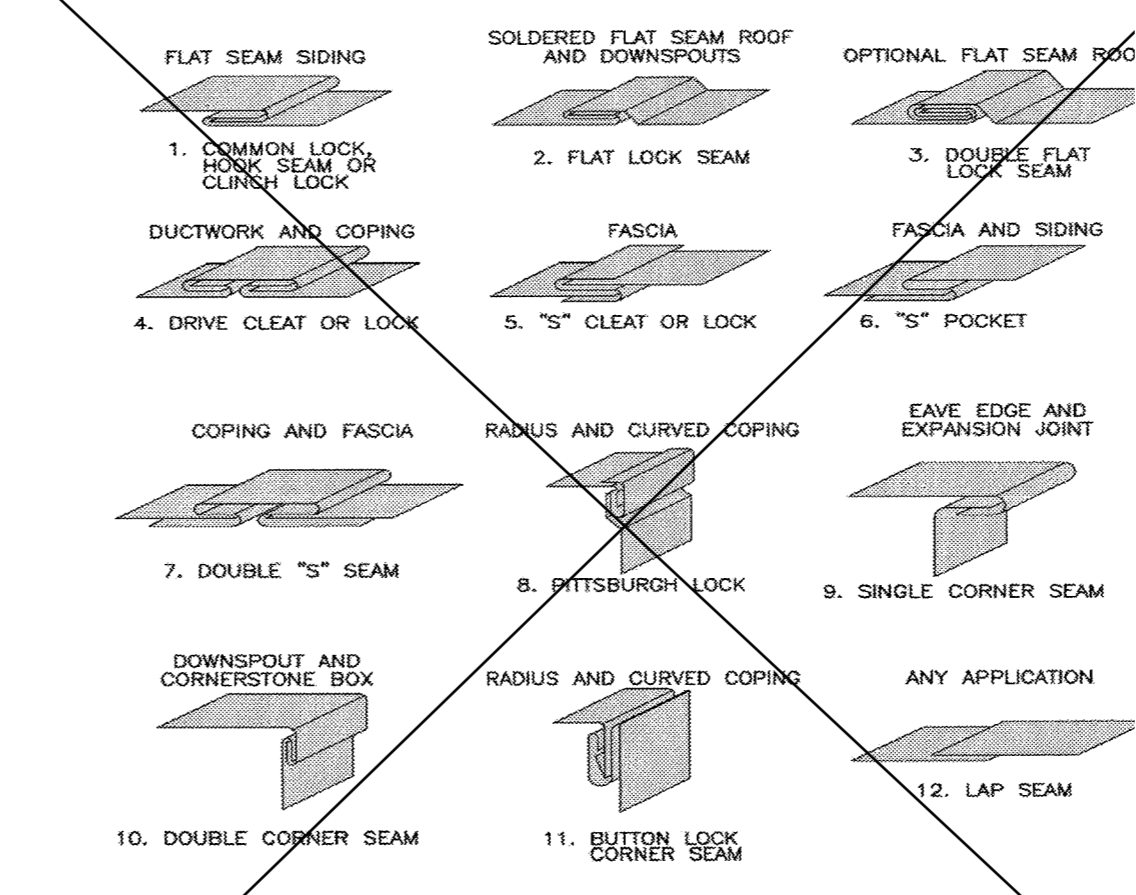
**AD1-A7.0**



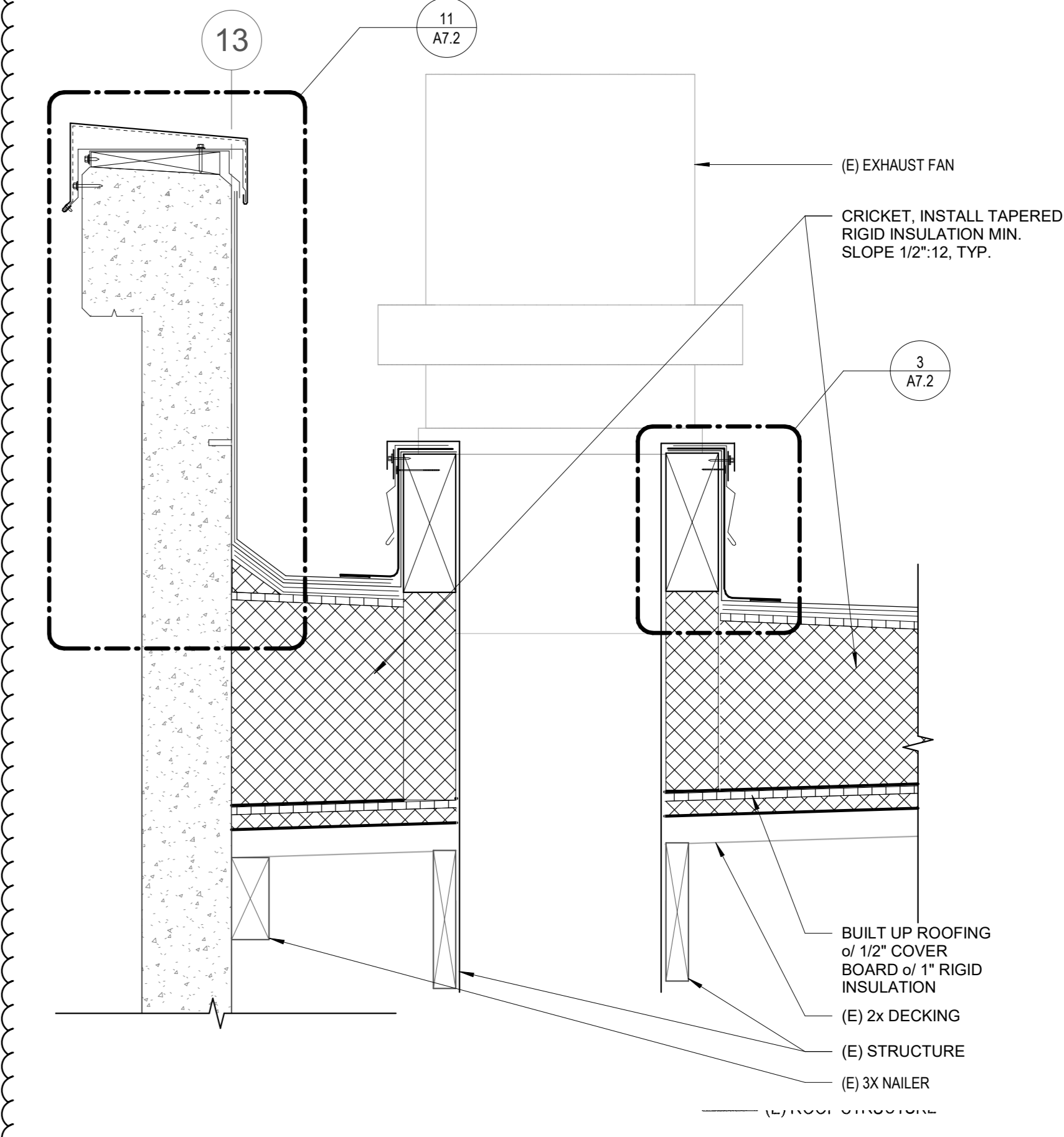
**15 CONDUIT / PIPE SUPPORT**  
A7.0 3\"/>



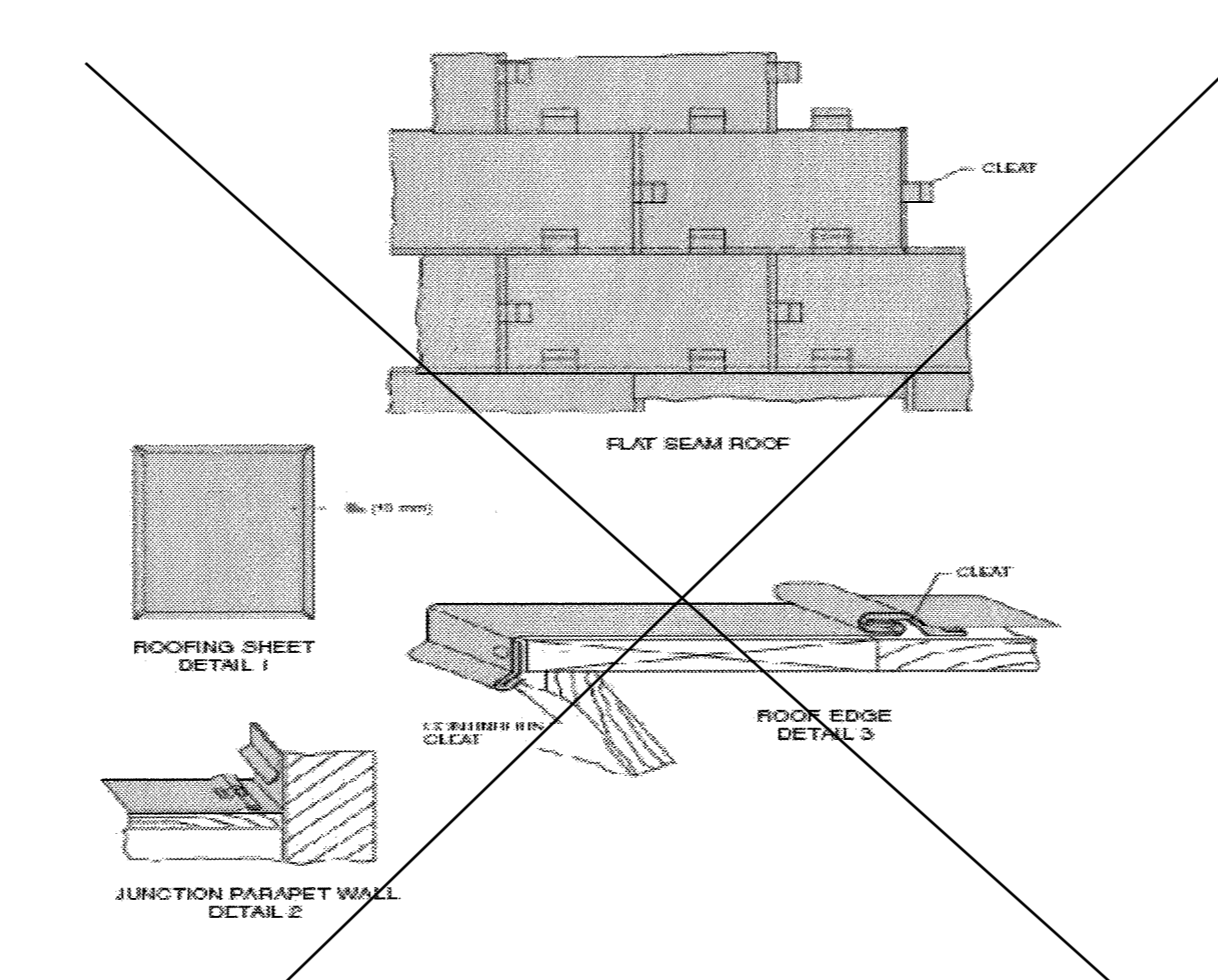
**7 PIPE/CONDUIT ROOF PENETRATION**  
A7.0 1 1/2\"/>



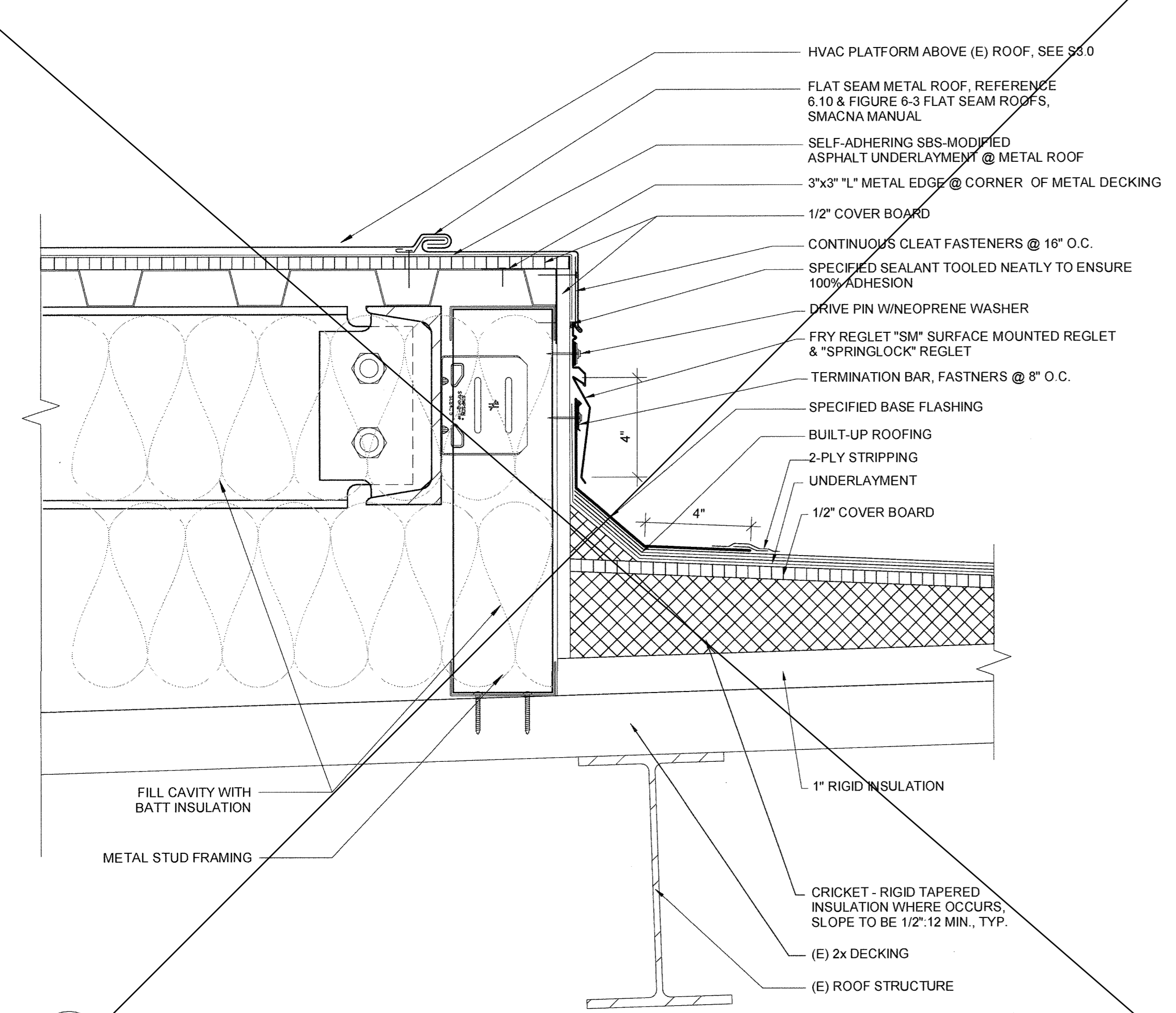
**4 TYPICAL LOCK AND SEAMS SMACNA FIG 3-2**  
A7.0 1 1/2\"/>



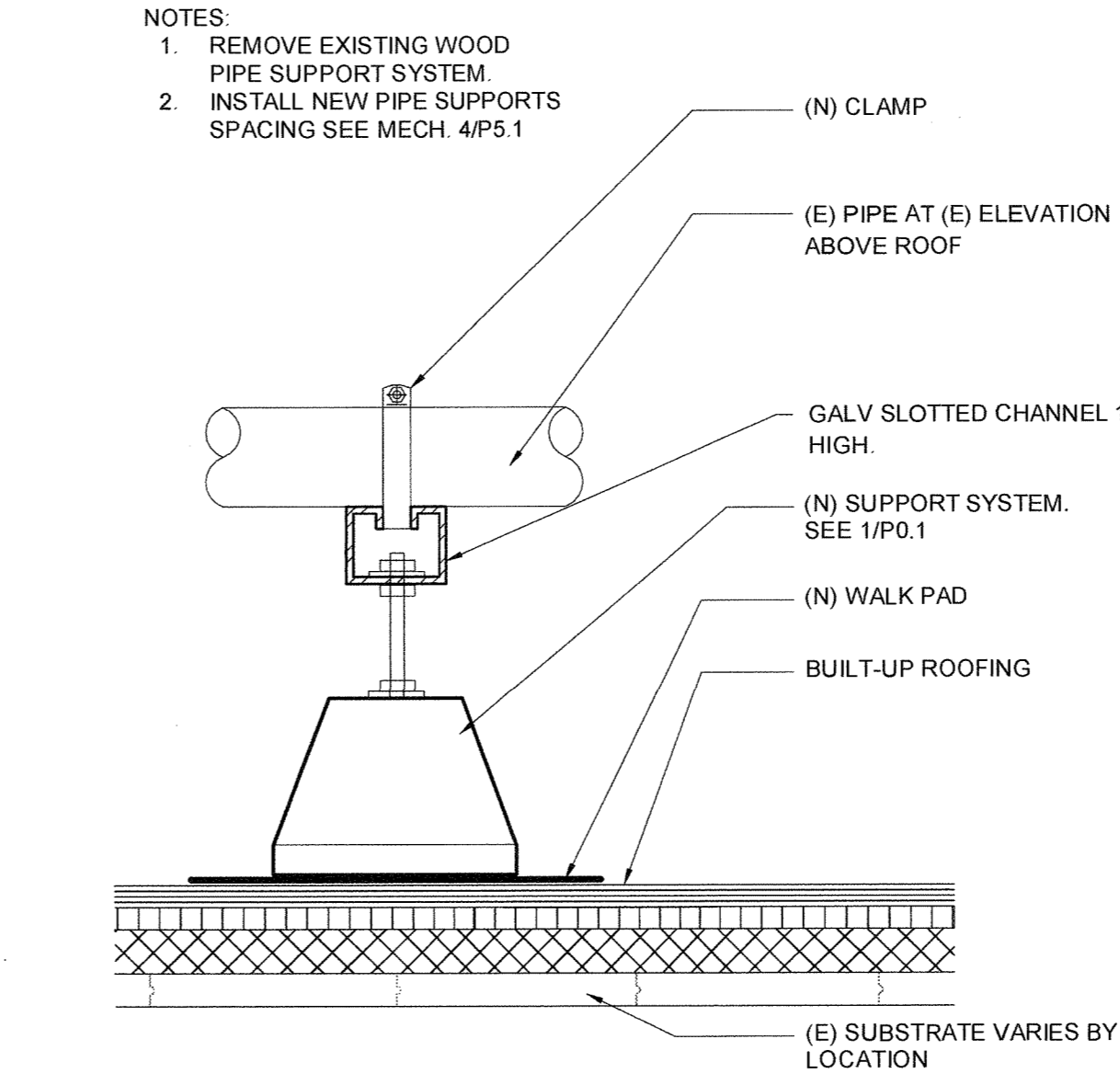
**1 CONCRETE PARAPET**  
A7.0 3\"/>



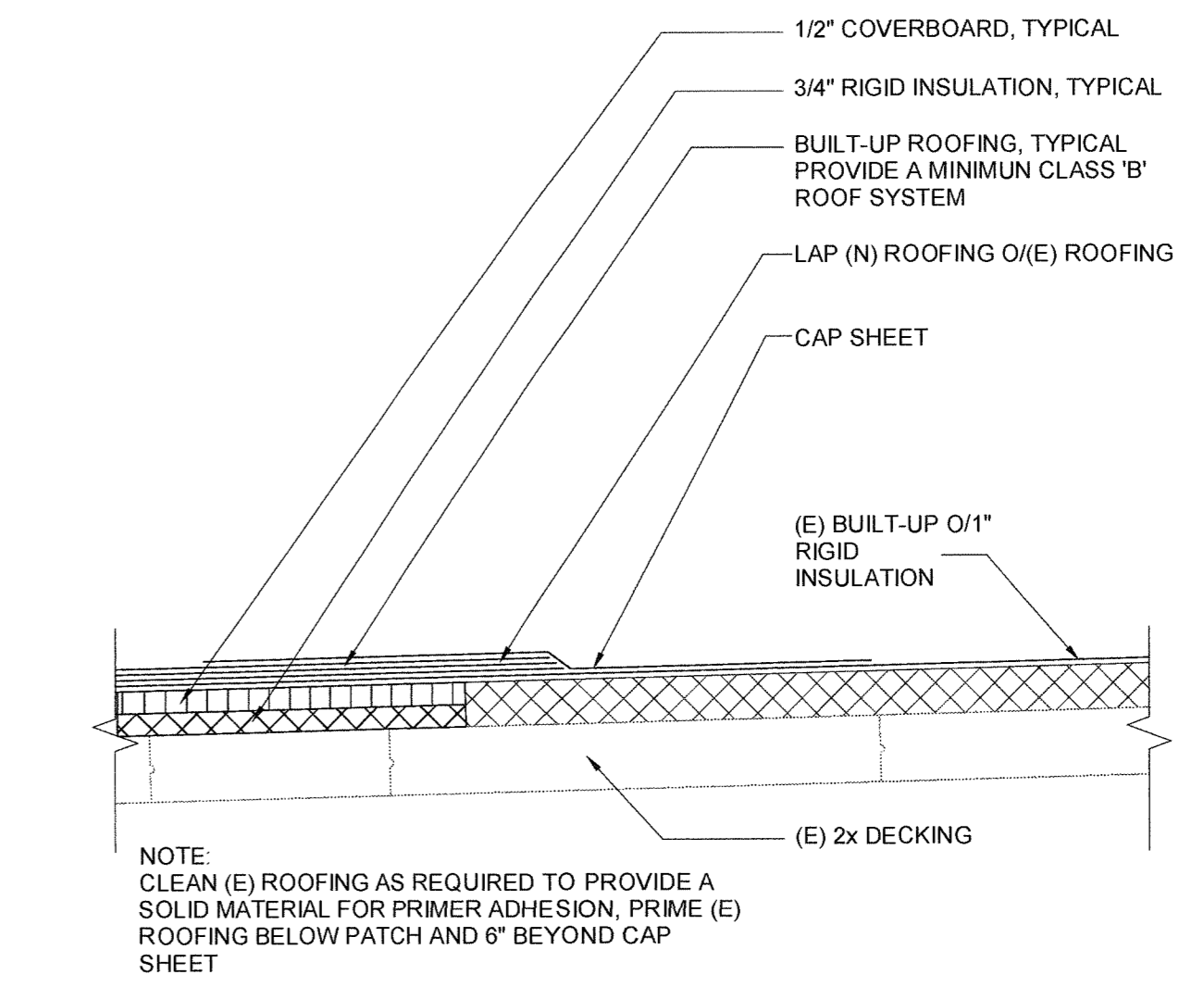
**8 FLAT SEAM ROOFS SMACNA FIG 6-3**  
A7.0 1 1/2\"/>



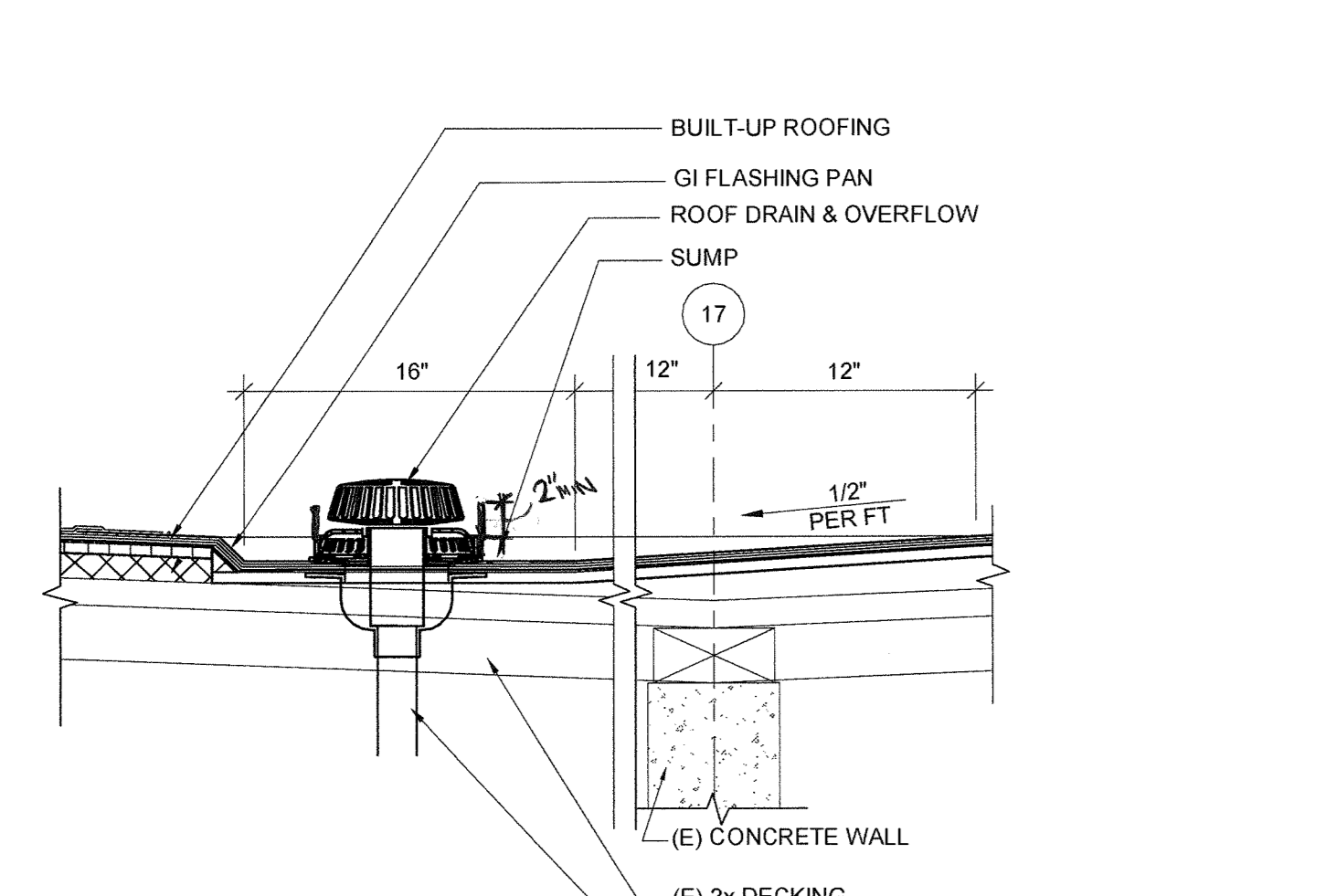
**17 HVAC PLATFORM EDGE**  
A7.0 3\"/>



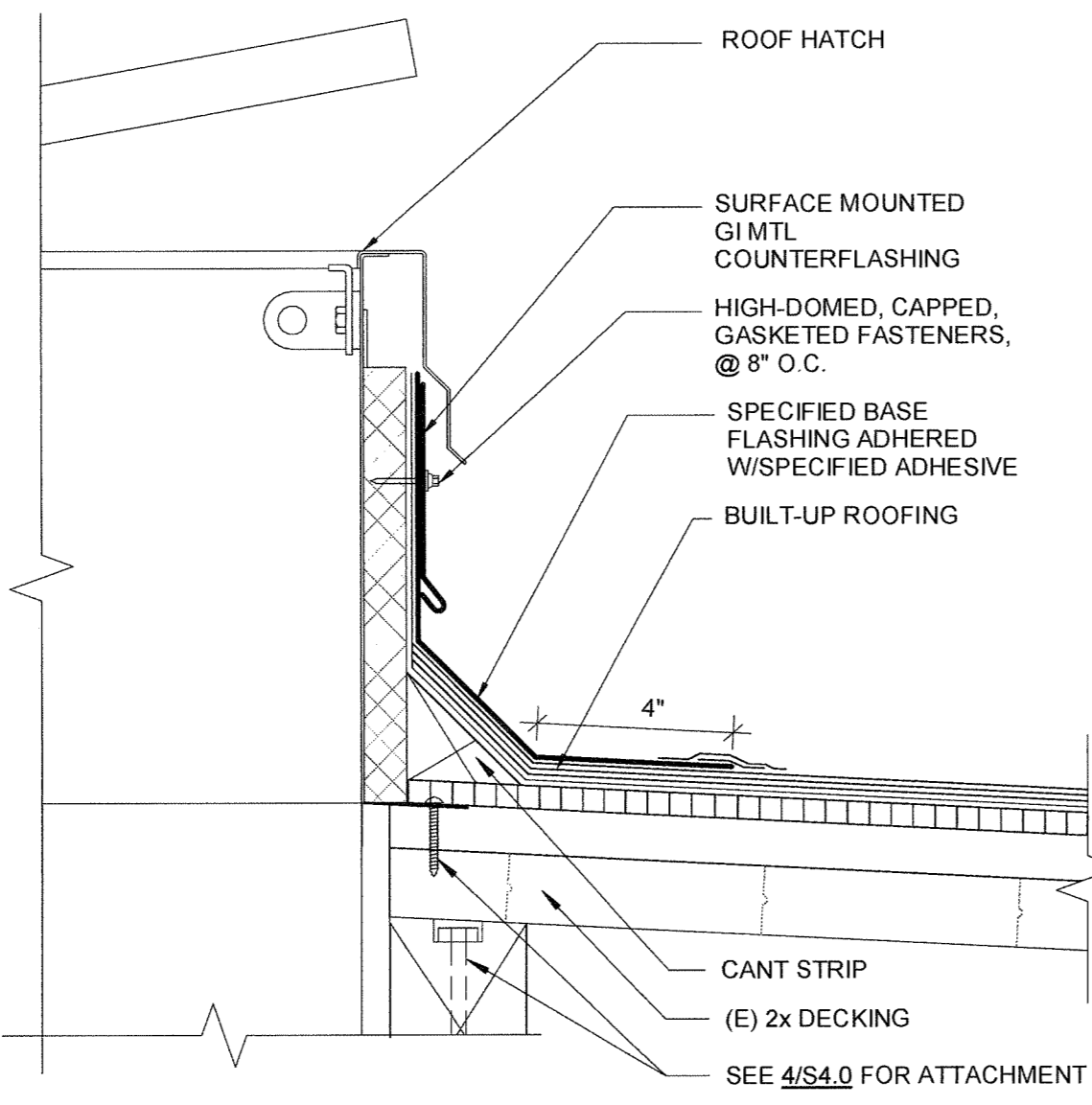
**5 INTERMEDIATE PIPE SUPPORT**  
A7.0 3\"/>



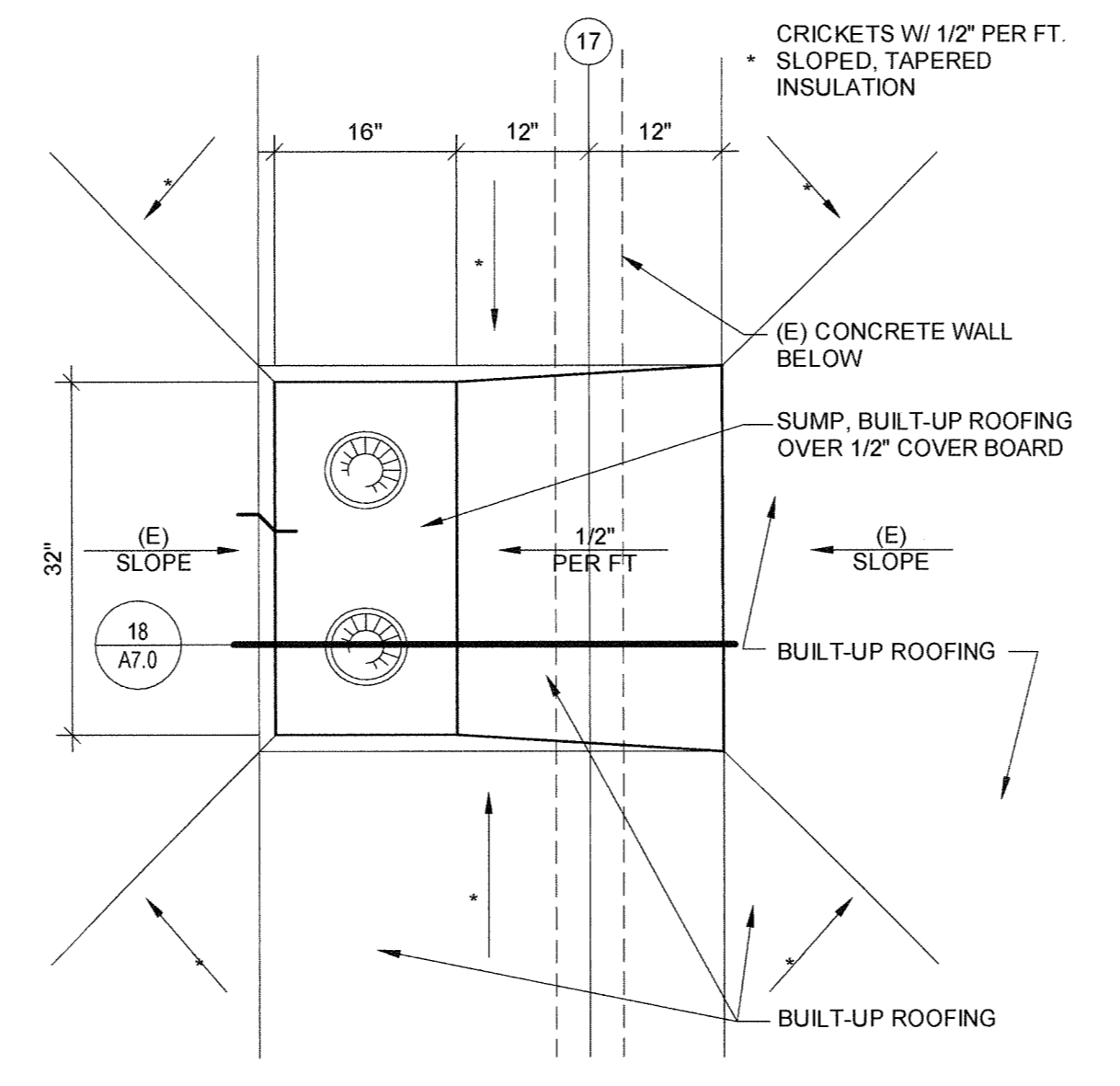
**2 NEW TO EXISTING ROOFING TIE-IN**  
A7.0 3\"/>



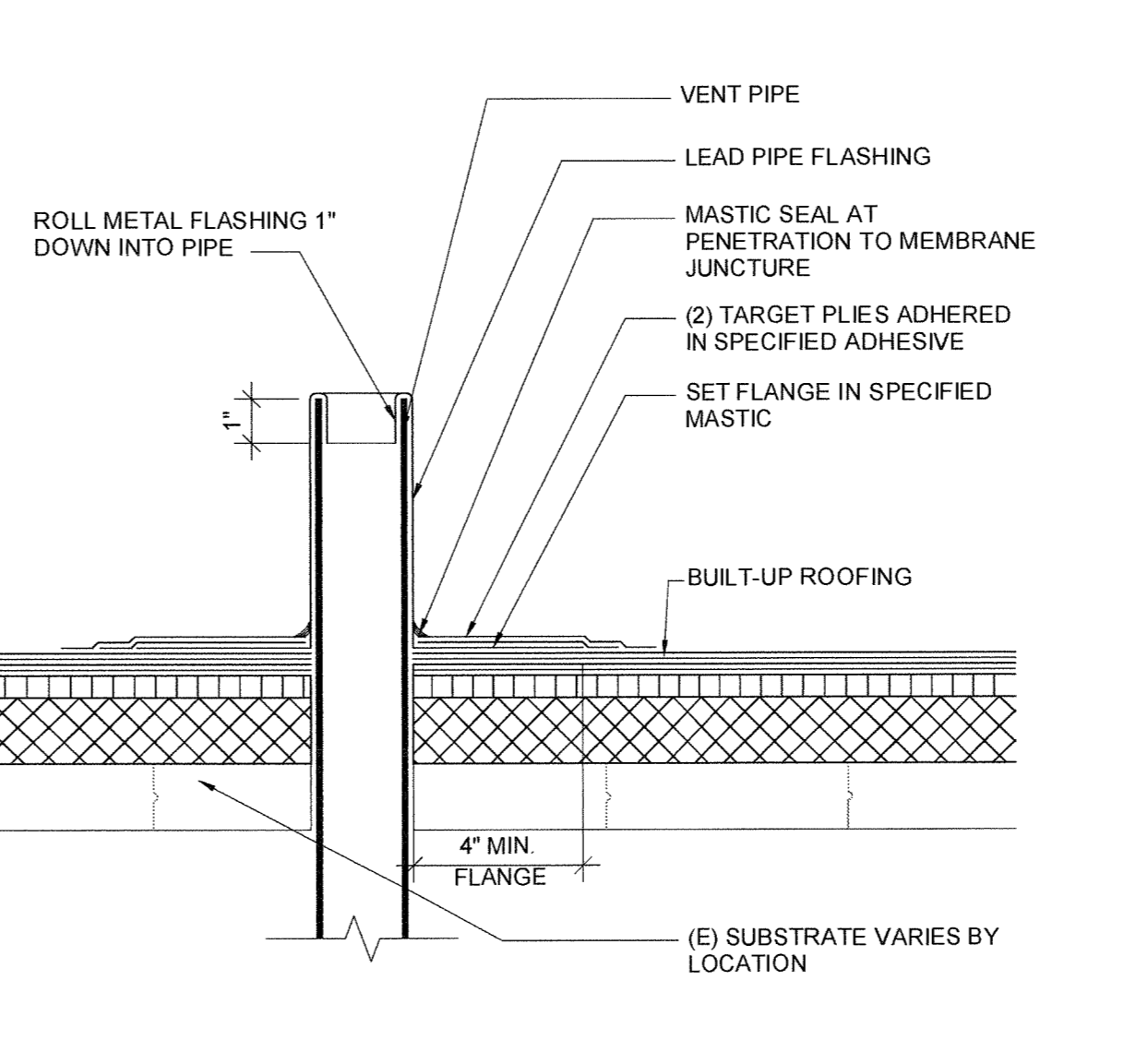
**18 ROOF DRAIN**  
A7.0 1 1/2\"/>



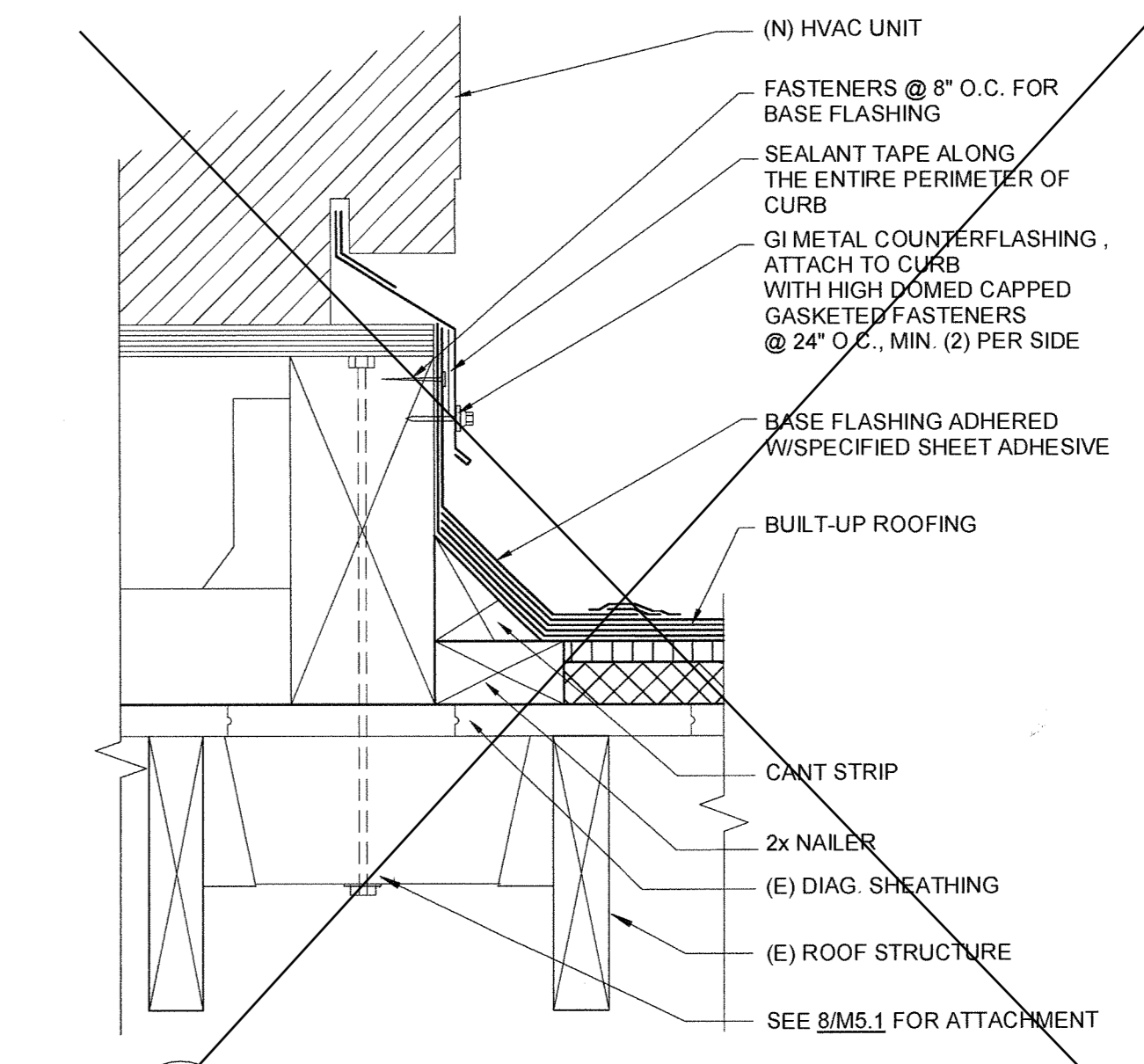
**14 ROOF HATCH**  
A7.0 3\"/>



**10 R.D. AND O.F.D. W/SUMP**  
A7.0 3/4\"/>



**6 VENT PIPE FLASHING**  
A7.0 3\"/>

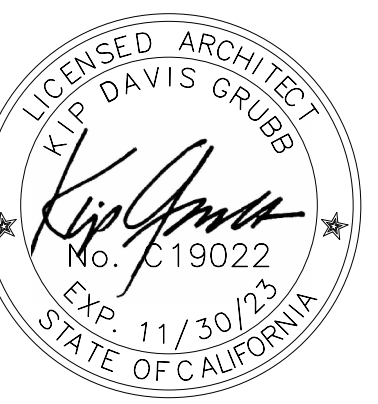


**3 FLASHING @ HVAC UNIT CURB**  
A7.0 3\"/>





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STOCKTON UNIFIED SCHOOL DISTRICT  
1944 EL PINAL DRIVE  
STOCKTON, CA 95205

**STAGG HS GYM  
HVAC  
REPLACEMENT**

1621 Brookside rd, Stockton, CA  
95207

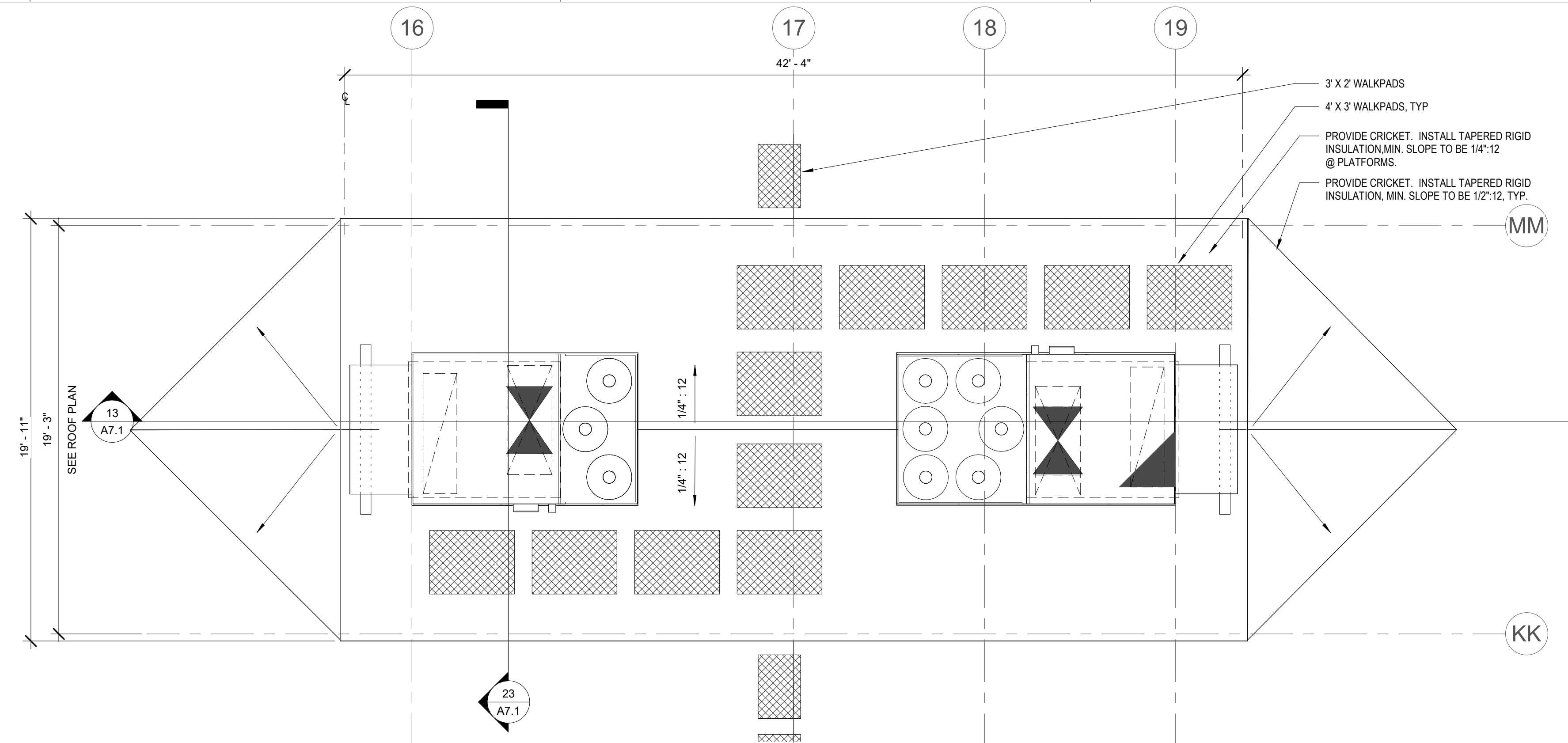
REVISIONS

No.	Description	Date
1	Addendum 01	08/01/2022

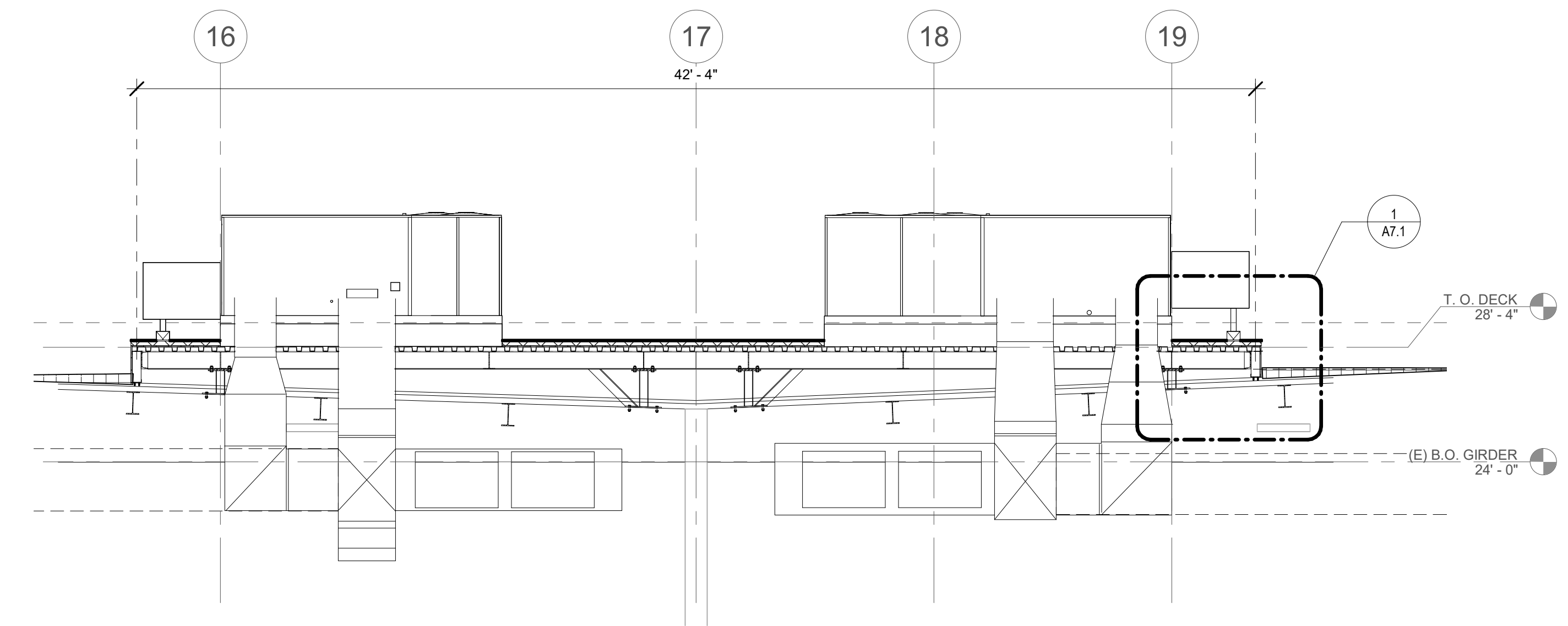
PROJECT No.: 2017-015.20

CONTRACT DOCUMENTS

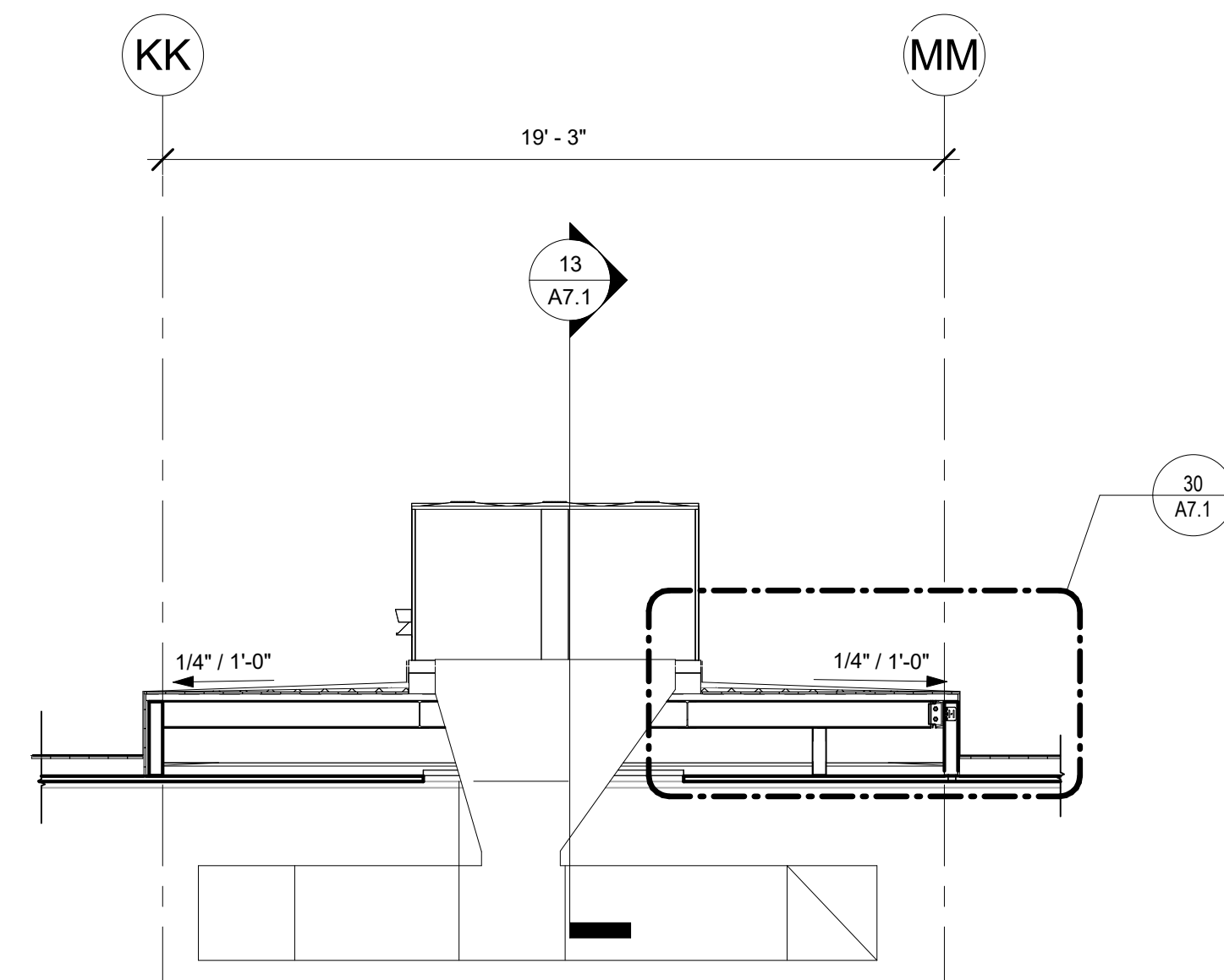
**ROOF DETAILS**



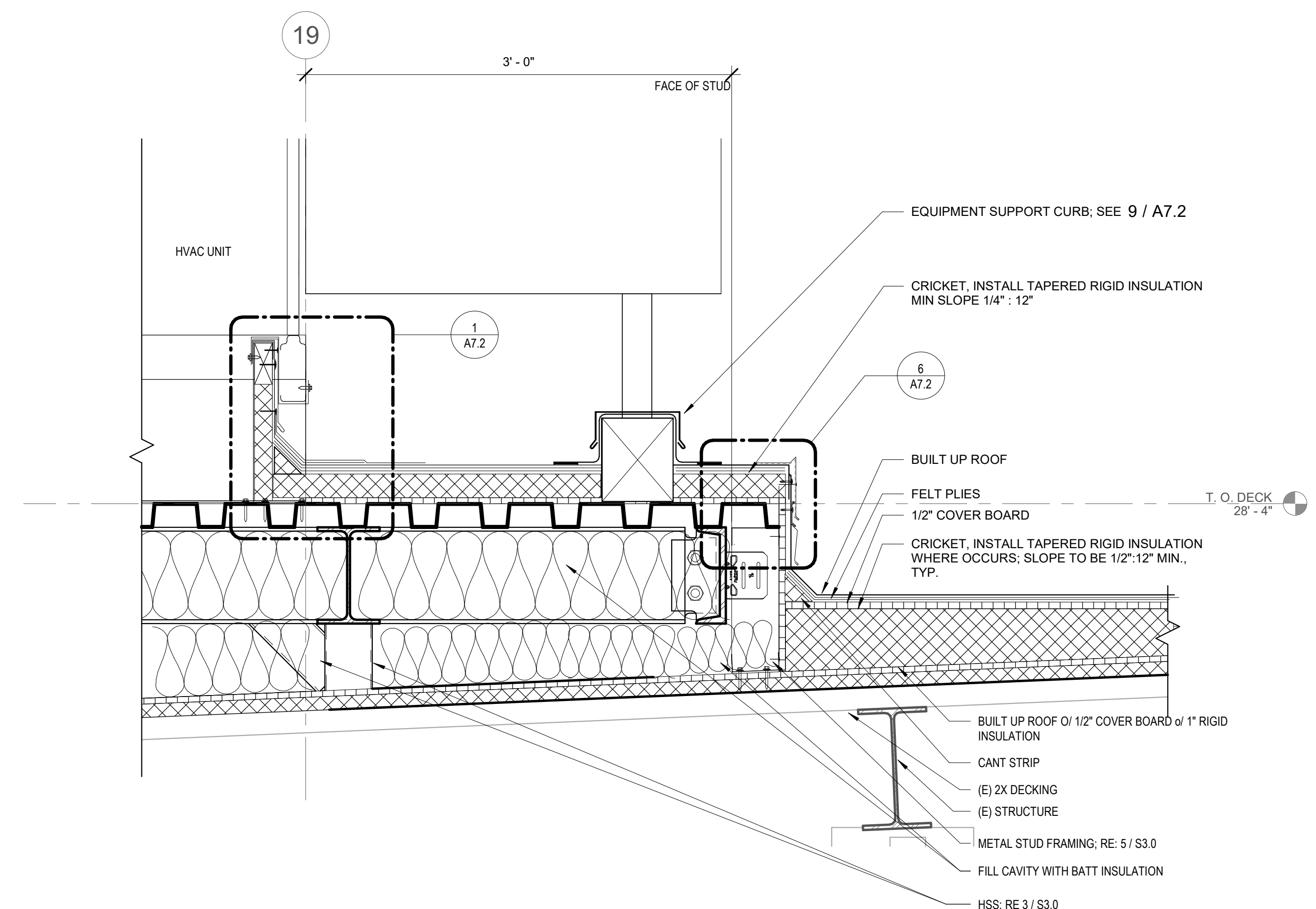
**12 PLATFORM ENLARGED PLAN DETAIL**  
A7.1 1/4" = 1'-0"



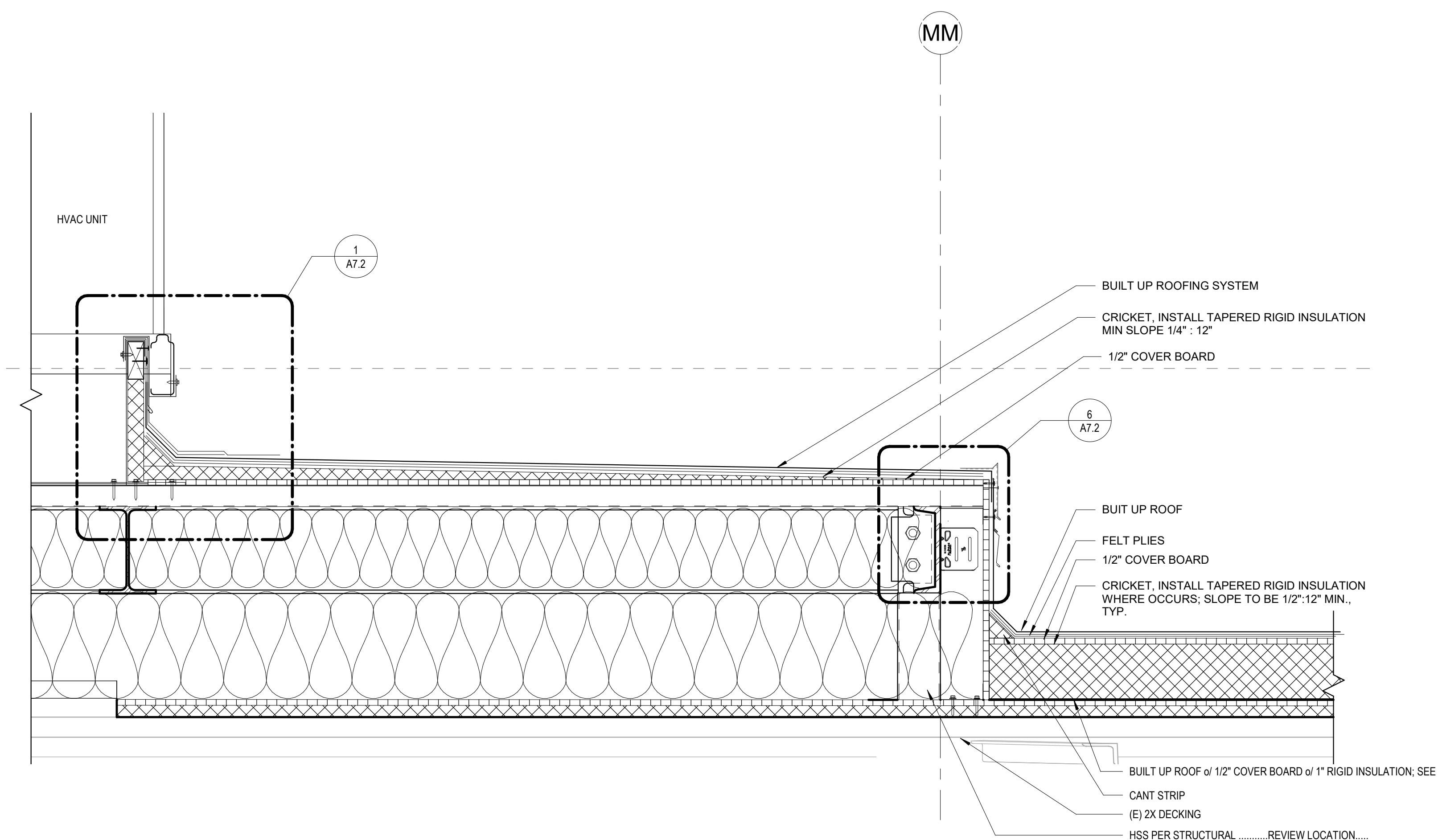
**13 PLATFORM LONGITUDINAL SECTION**  
A7.1 1/4" = 1'-0"



**23 PLATFORM TRANSVERSE SECTION**  
A7.1 1/4" = 1'-0"



**1 HVAC PLATFORM DETAIL**  
A7.1 1 1/2" = 1'-0"



**30 HVAC PLATFORM DETAIL N-E**  
A7.1 1 1/2" = 1'-0"

AD1-A7.1

