

D-1241 ROOF REPLACEMENT LEARNING CENTER (LC)

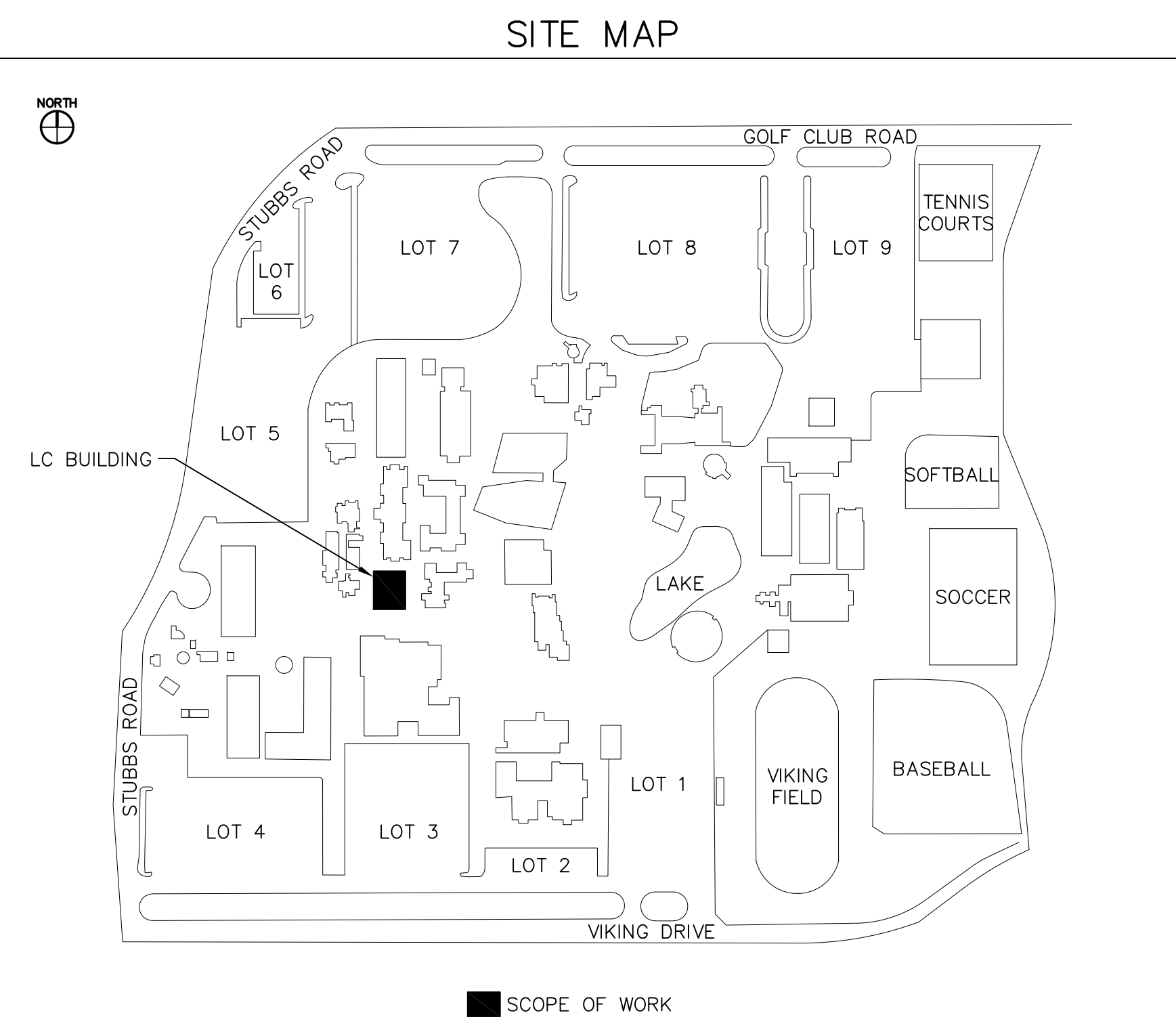
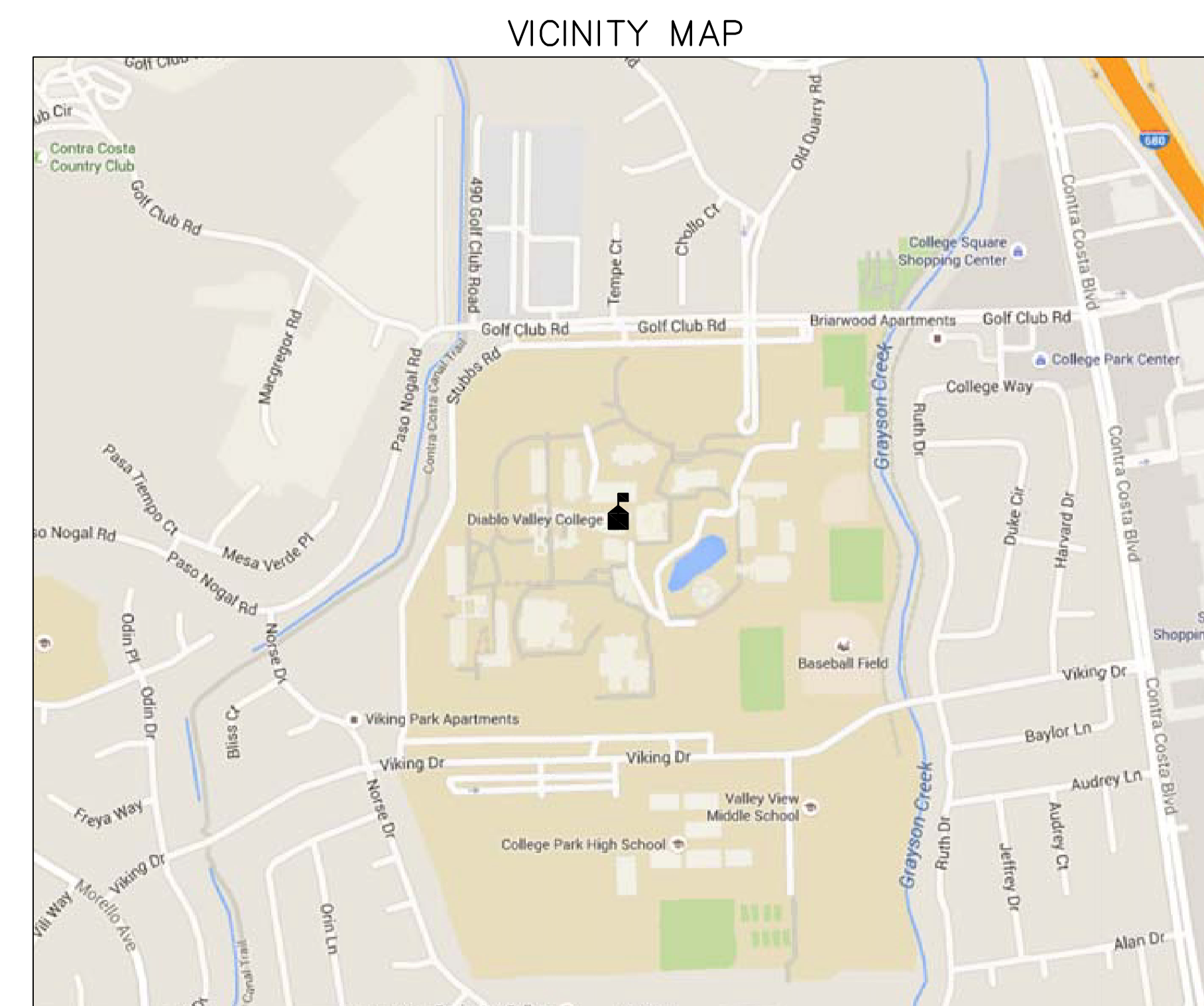
DIABLO VALLEY COLLEGE
321 GOLF CLUB ROAD
PLEASANT HILL, CALIFORNIA

PREPARED FOR
CONTRA COSTA COMMUNITY COLLEGE DISTRICT

SCOPE OF PROJECT

- REMOVE EXISTING BUILT-UP ROOFS AS SHOWN ON DRAWINGS.
- INSTALL NEW FLATSTOCK INSULATION, AS SHOWN ON THE DRAWINGS.
- INSTALL NEW SINGLE-PLY ROOF SYSTEM AS SHOWN ON THE DRAWINGS.

DRAWING NO	TITLE
A1.0	TITLE SHEET, GENERAL NOTES, ABBREVIATIONS AND LEGEND
AD2.1	LEARNING CENTER ROOF DEMOLITION PLAN
A2.1	LEARNING CENTER ROOF PLAN
A10.50	ROOF REPLACEMENT DETAILS
A10.51	ROOF REPLACEMENT DETAILS



GENERAL NOTES

- THE INFORMATION SHOWN ON THE DRAWINGS WAS COMPILED FROM VARIOUS SOURCES AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. THE CONTRACTOR SHALL VISIT THE SITE(S) AND VERIFY DIMENSIONS AND FIELD CONDITIONS PRIOR TO BID SUBMISSION.
- THE CONTRACTOR SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER PRIOR TO BID SUBMISSION.
- REFER TO PROJECT SPECIFICATIONS FOR DETAILED REQUIREMENTS FOR MATERIAL AND WORKMANSHIP.
- ALL WORK SHALL CONFORM WITH LOCAL, STATE, AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM THE WORK PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE SUBMITTALS AS REQUIRED BY THE PROJECT SPECIFICATIONS.
- FOR CLARITY, DETAILS SHOWN IN THESE DRAWINGS ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. DETAILS OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME OR SIMILAR NATURE FOR SIMILAR CONDITIONS.
- ALL COMPONENTS SHOWN ON THE DRAWING SHALL BE NEW UNLESS INDICATED AS EXISTING (E).
- THE ARCHITECT/ENGINEER WILL HAVE A REPRESENTATIVE ON-SITE, PART-TIME, DURING CONSTRUCTION TO OBSERVE FOR COMPLIANCE WITH THE DESIGN INTENT AND TO ASSIST THE CONTRACTOR IN RESOLVING VARIATION IN THE EXISTING CONSTRUCTION. THE CONSTRUCTION DOCUMENTS ADDRESS KNOWN CONDITIONS, BUT IT IS ANTICIPATED THAT HIDDEN CONDITIONS WILL BE ENCOUNTERED DURING CONSTRUCTION. THE ARCHITECT/ENGINEER WILL OBSERVE SUCH CONDITIONS AND ISSUE CLARIFICATIONS OR MODIFICATIONS OF EXISTING DESIGN TO REFLECT THOSE CONDITIONS AND DOCUMENT ALL CHANGES.
- NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED.
- UNLESS OTHERWISE NOTED, ALL ANGLES SHALL BE RIGHT ANGLES, ALL LINES WHICH APPEAR PARALLEL SHALL BE PARALLEL, AND ALL ITEMS WHICH APPEAR CENTERED SHALL BE CENTERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL LINES TRUE, PLUMB, AND SQUARE.
- DETAIL DRAWINGS TAKE PRECEDENCE OVER GENERAL AND SMALLER SCALE DRAWINGS. FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL VERIFY ALL SCALED DIMENSIONS BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL PROVIDE ALL SHORING AND BRACING NECESSARY TO ENSURE THE STABILITY OF ANY AND ALL PARTS OF THE BUILDING CONSTRUCTION.

ROOF GENERAL NOTES

- REFER TO THE PROJECT MANUAL FOR WATERTIGHTNESS REQUIREMENTS AFTER DEMOLITION.
- REFER TO THE ROOF TYPE DETAILS FOR ROOF SYSTEM COMPONENTS.
- REPORT UNSUITABLE SUBSTRATE CONDITIONS TO THE OWNER. DO NOT INSTALL ROOFING OVER UNSUITABLE SUBSTRATES.
- INSTALL CRICKETS ON THE UPSLOPE SIDE OF ALL PENETRATIONS GREATER THAN 2 FEET IN WIDTH.
- RELOCATE (E) CONDUIT, I.E. ELECTRICAL, GAS, WATER, AND COMMUNICATIONS AS REQUIRED TO PERFORM THE WORK.

ABBREVIATIONS

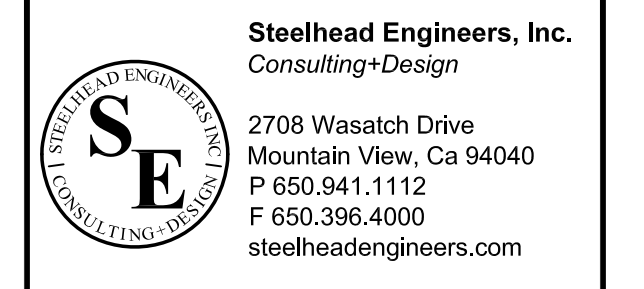
&	AND	I.D.	INSIDE DIAMETER
∠	ANGLE	INT.	INTERIOR
AT	AT	JT.	JOINT
⊕	CENTERLINE	LT.	LIGHT JOINT
∅	DIAMETER/ROUND	MAX.	MAXIMUM
#	POUND OR NUMBER	MEMB.	MEMBRANE
AC	AIR CONDITIONING	MFR.	MANUFACTURER
ACOUS.	ACOUSTICAL	MIN.	MINIMUM
A.D.	AREA DRAIN	MIR.	MIRROR
ADJ.	ADJUSTABLE	MISC.	MISCELLANEOUS
AL.	ALUMINUM	MTL.	METAL
APPROX.	APPROXIMATE	MUL.	MULLION
ARCH.	ARCHITECTURAL	(N)	NEW
BD.	BOARD	N	NORTH
BLDG.	BUILDING	N.I.C.	NOT IN CONTRACT
BLK.	BLOCK	NO. OR #	NUMBER
BLKG	BLOCKING	NOM.	NOMINAL
BUR	BUILT-UP ROOF	N.T.S.	NOT TO SCALE
C.I.	CAST IRON	O.C.	ON CENTER
CLG.	CEILING	O.D.	OUTSIDE DIAMETER
CLKG	CAULKING	OF	OVERFLOW
COL.	COLUMN	OPNG.	OPENING
CONC.	CONCRETE	OPP.	OPPOSITE
CONN.	CONNECTION	PL.	PLATE
CONSTR	CONSTRUCTION	PLYWD	PLYWOOD
CONT.	CONTINUOUS	PRCST.	PRE-CAST
CTSK.	COUNTER SUNK	Q.T.	QUARRY TILE
CTR.	CENTER	RAD.	RADIUS
CTYD	COURTYARD	RD	ROOF DRAIN
DBL.	DOUBLE	REF.	REFERENCE
DET.	DETAIL	REINF.	REINFORCED
DIA.	DIAMETER	REQ.	REQUIRED
DIM.	DIMENSION	RGTR.	REGISTERED
D.O.	DOOR OPENING	RM.	ROOM
DR.	DOOR	R.W.D.	REDWOOD
DS	DOWNSPOUT	R.W.L.	RAIN WATER LEADER
(E) OR EXIST	EXISTING	S	SOUTH OR SKYLIGHT
E	EAST	SCHED.	SCHEDULE
EA.	EACH	SECT.	SECTION
E.J.	EXPANSION JOINT	SHT.	SHEET
EL.	ELEVATION	SIM.	SIMILAR
ELEC.	ELECTRICAL	SM	SHEET METAL
EQ.	EQUAL	SPEC.	SPECIFICATION
EXT.	EXTERIOR	SQ.	SQUARE
F	FAN	SS	STAINLESS STEEL
F.A.	FIRE ALARM	ST.	STEEL
F.D.	FLOOR DRAIN	STD.	STANDARD
FDN.	FOUNDATION	SUSP.	SUSPENDED
FL.	FLOOR	SYM.	SYMMETRICAL
FLASH.	FLASHING	T & G	TONGUE AND GROOVE
FT.	FOOT OR FEET	THK.	THICK
FTG.	FOOTING	TRP.	TRIPLE
GA.	GAUGE	TYP.	TYPICAL
GALV.	GALVANIZED	U.N.O.	UNLESS NOTED OTHERWISE
GSM	GALVANIZED SHEET	V.I.F.	VERIFY IN FIELD
GWB.	GYP-SUM BOARD	W	WEST
H.B.	HOSE BIB	W/	WITH
HGT.	HEIGHT	W.C.	WATER CLOSET
HVAC	HEATING VENTILATION W/O AIR CONDITIONING	WD	WOOD
		WO	WITHOUT
		WT.	WEIGHT

SYMBOLS

	DETAIL
	GRID LINE
	REVISION

LEGEND

	ROOF EDGE		SUMP WITH DRAINS
	GUTTER WITH DOWNSPOUT		DRAIN
	PARAPET WALL		OVERFLOW
	EXISTING RIDGE/VALLEY LINE		DOWNSPOUT
	CRICKET LINE		SCUPPER OR OVERFLOW SCUPPER
	CONDUIT(S) PIPES		ANTENNA
	ON WOOD SLEEPERS		FLUE
	EXPANSION JOINT		PLUMBING VENT
	FAN UNIT		ELECTRICAL PENETRATION
	HATCH		GAS PENETRATION
	SKYLIGHT		ROOF MOUNTED SPEAKER/ALARM
	J-VENT		ROOF MOUNTED LIGHT
	SMOKE HATCH		ABANDONED PENETRATION
	VENT UNIT		HOT STACK
	DUCT PENETRATION		ELEVATION
	GRAVITY VENT		SLOPE (DOWNWARD)
	SLEEPER, HEAVY AND FLOATING		ROOF CROSS-SECTION INDICATOR
	ROOF DRAIN LEADER EXIT		DUCTWORK
	HVAC UNIT		BOX
	PLATFORM		LADDER
	GANGED PENETRATION		EXISTING COMPONENT
	SECURITY CAMERA		ATTIC VENT



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DIABLO VALLEY COLLEGE
321 GOLF CLUB ROAD
PLEASANT HILL, CALIFORNIA

OWNER
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
500 COURT STREET
MARTINEZ, CALIFORNIA

NO.	DATE	DESCRIPTION	BY
	5/24/24	BID SET	EY

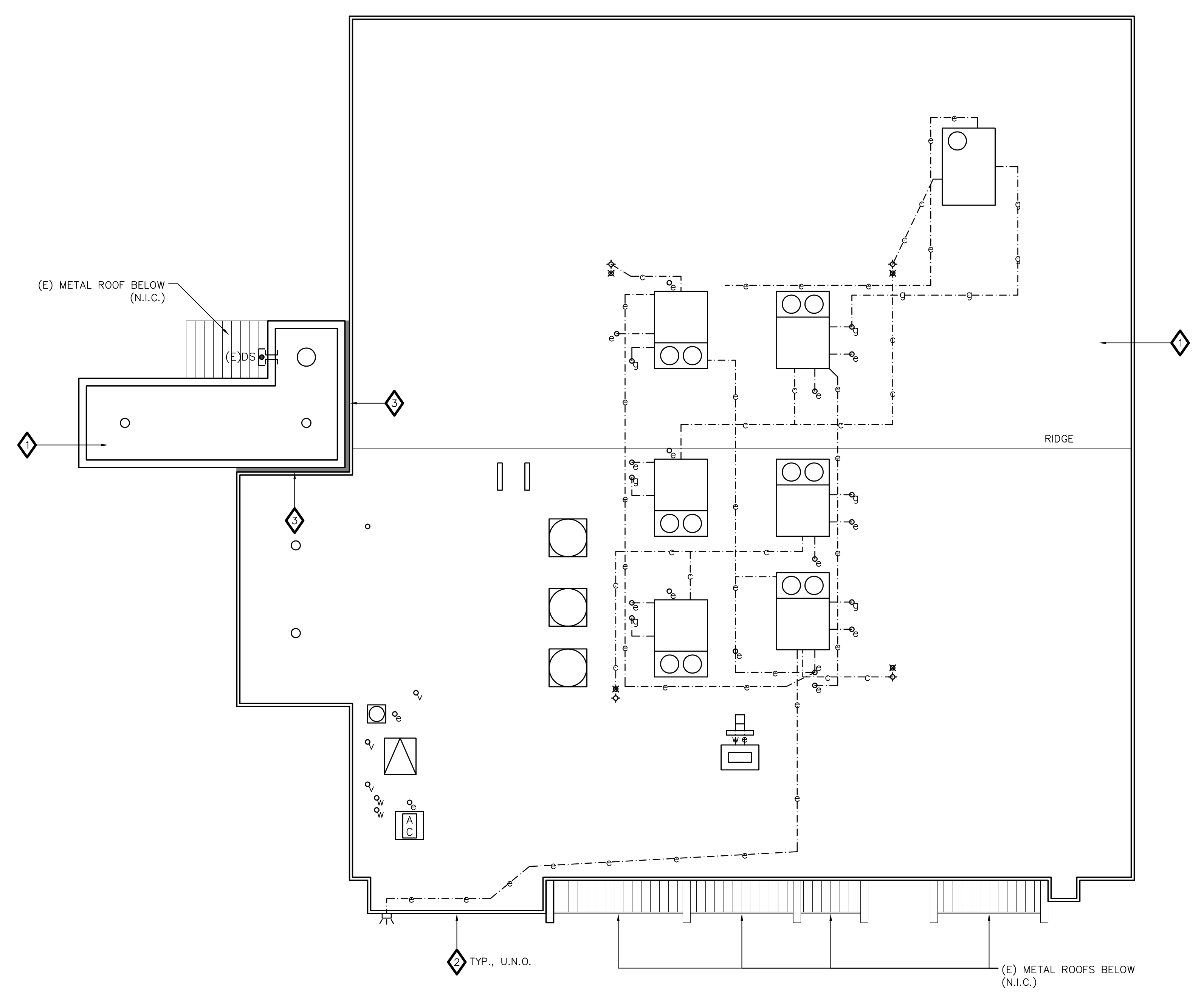
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CADD FILE	
DESIGNED BY	AEB
DRAWN BY	EY
CHECKED BY	AEB
DATE	2 APR 2024
DRAWING SCALE	NO SCALE

SHEET TITLE
TITLE SHEET,
GENERAL NOTES,
ABBREVIATIONS
AND LEGEND

DRAWING NO.
A1.0

OF

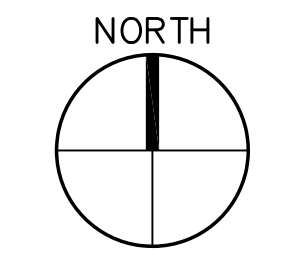
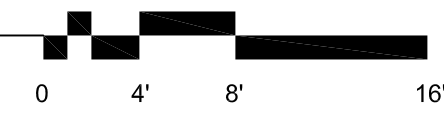
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- ROOF DEMOLITION KEY NOTES:**
- ◊ REMOVE (E) BUILT-UP ROOF SYSTEM
 - ◊ REMOVE (E) EDGE METAL
 - ◊ REMOVE (E) SEISMIC JOINT COVER
 - ◊ REMOVE (E) CONDUIT AND REMOVE (E) WOOD SLEEPERS

SHEET NOTES
 (1) THE (E) HATCH, VENTS, CONDUITS, PIPES, MECHANICAL UNITS WITH SHEET METAL FLASHINGS, COLLECTOR HEAD AND DOWNSPOUT, AND FLUES SHALL REMAIN.

1 LEARNING CENTER ROOF DEMOLITION PLAN
 SCALE: 1/8"=1'-0"



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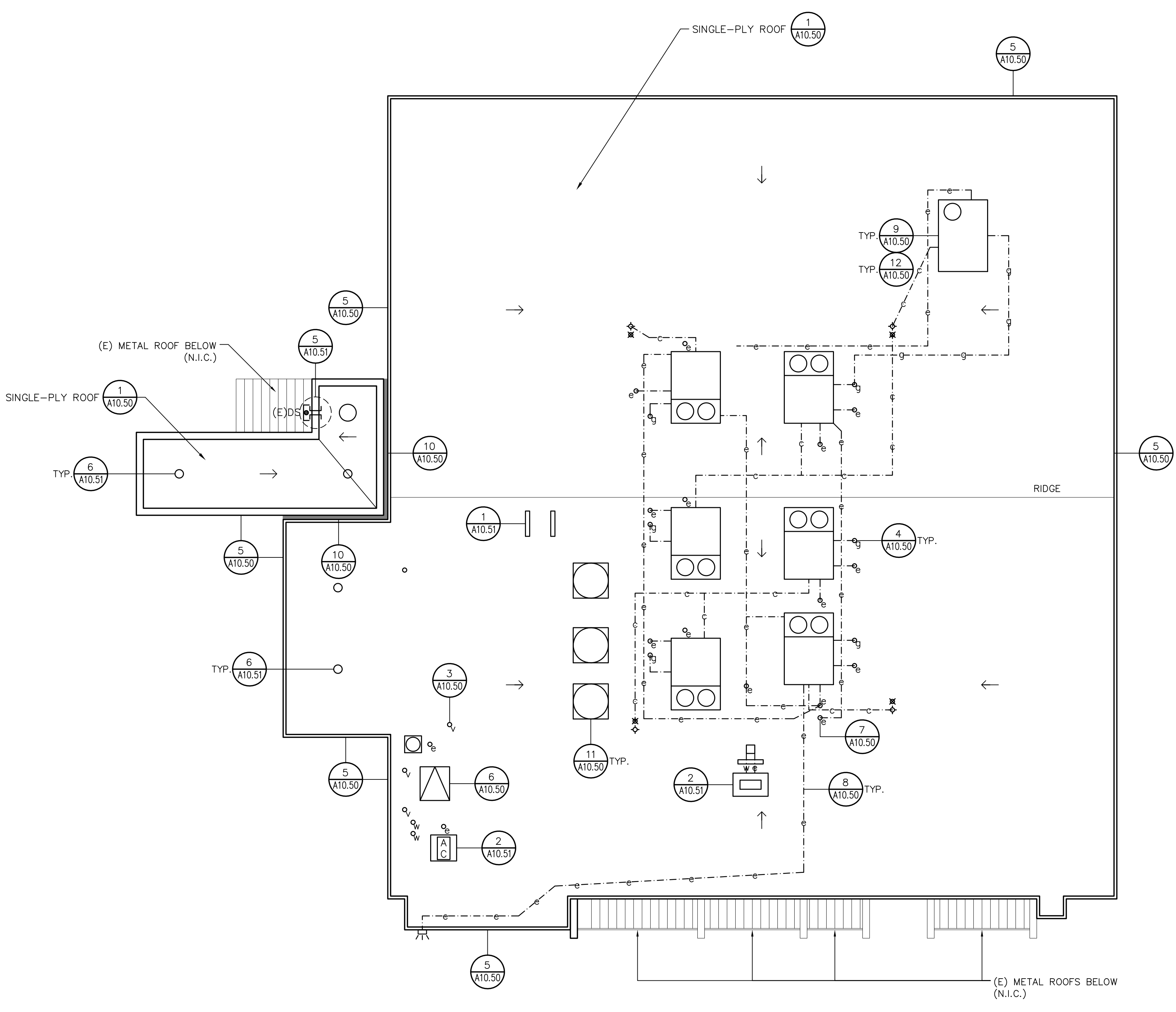
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DRAWING SCALE	AS NOTED		

SHEET TITLE
 LEARNING CENTER ROOF DEMOLITION PLAN

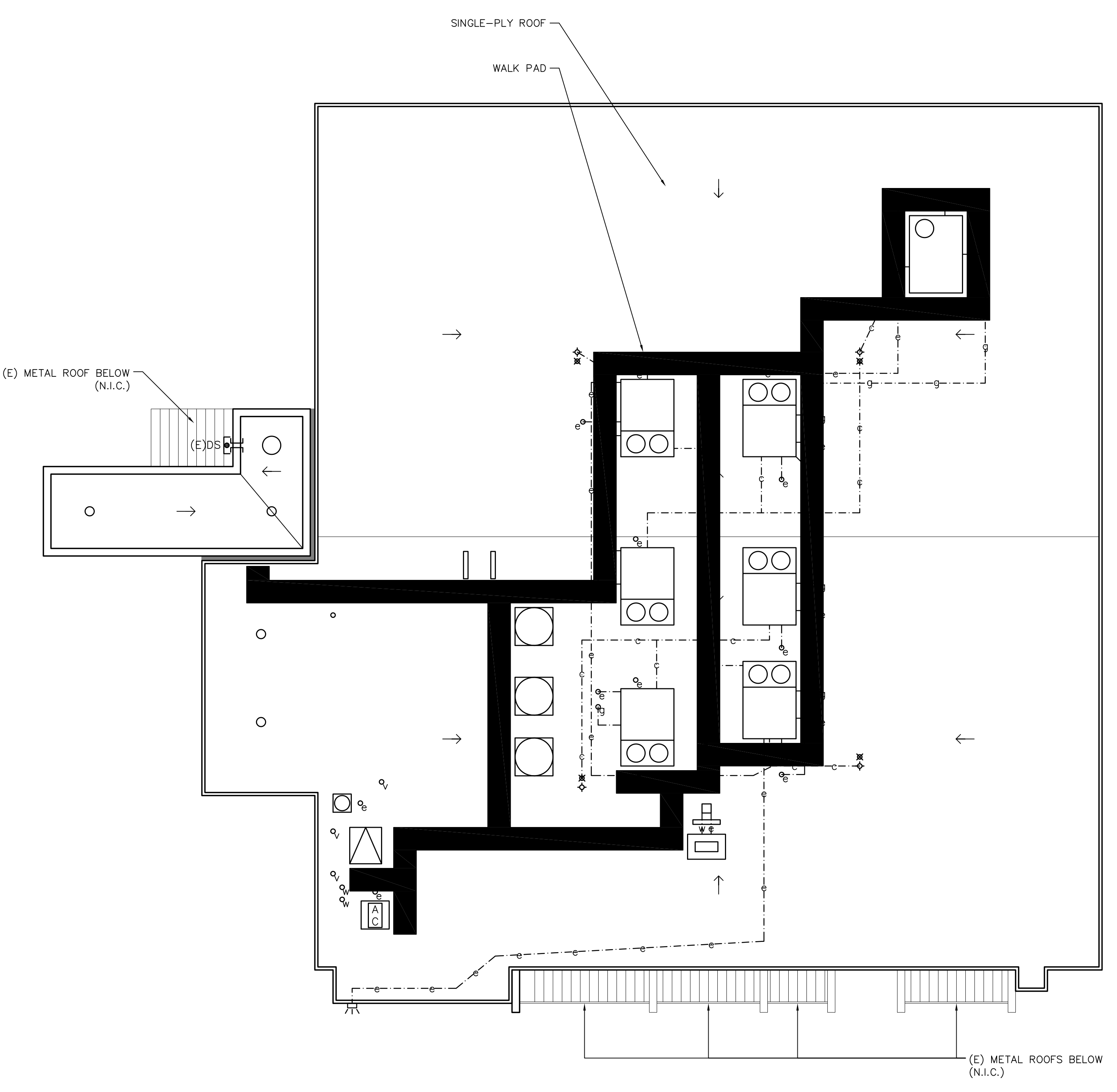
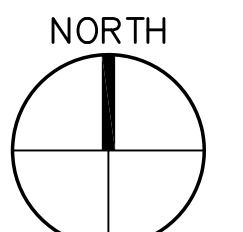
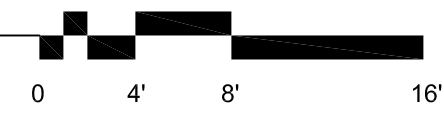
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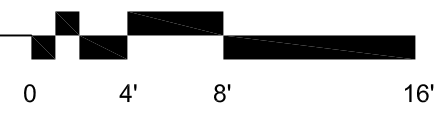


NOTE:
 (1) INSTALL TAPERED INSULATION CRICKETS AT THE UPSLOPE SIDES OF PENETRATIONS WIDER THAN 24 IN.

1 LEARNING CENTER ROOF PLAN
 SCALE: 1/8"=1'-0"



2 LEARNING CENTER WALK PAD LAYOUT
 SCALE: 1/8"=1'-0"



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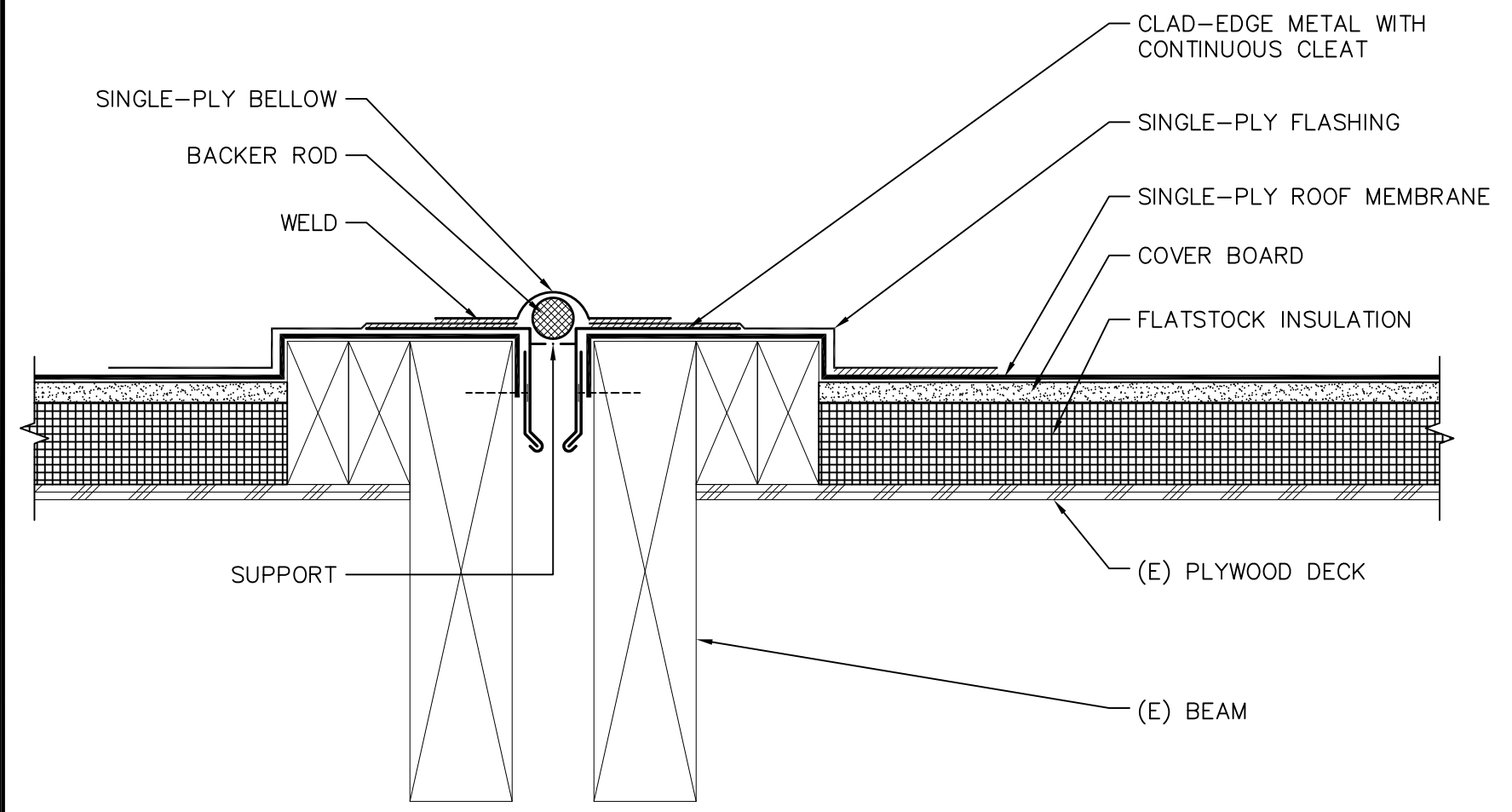
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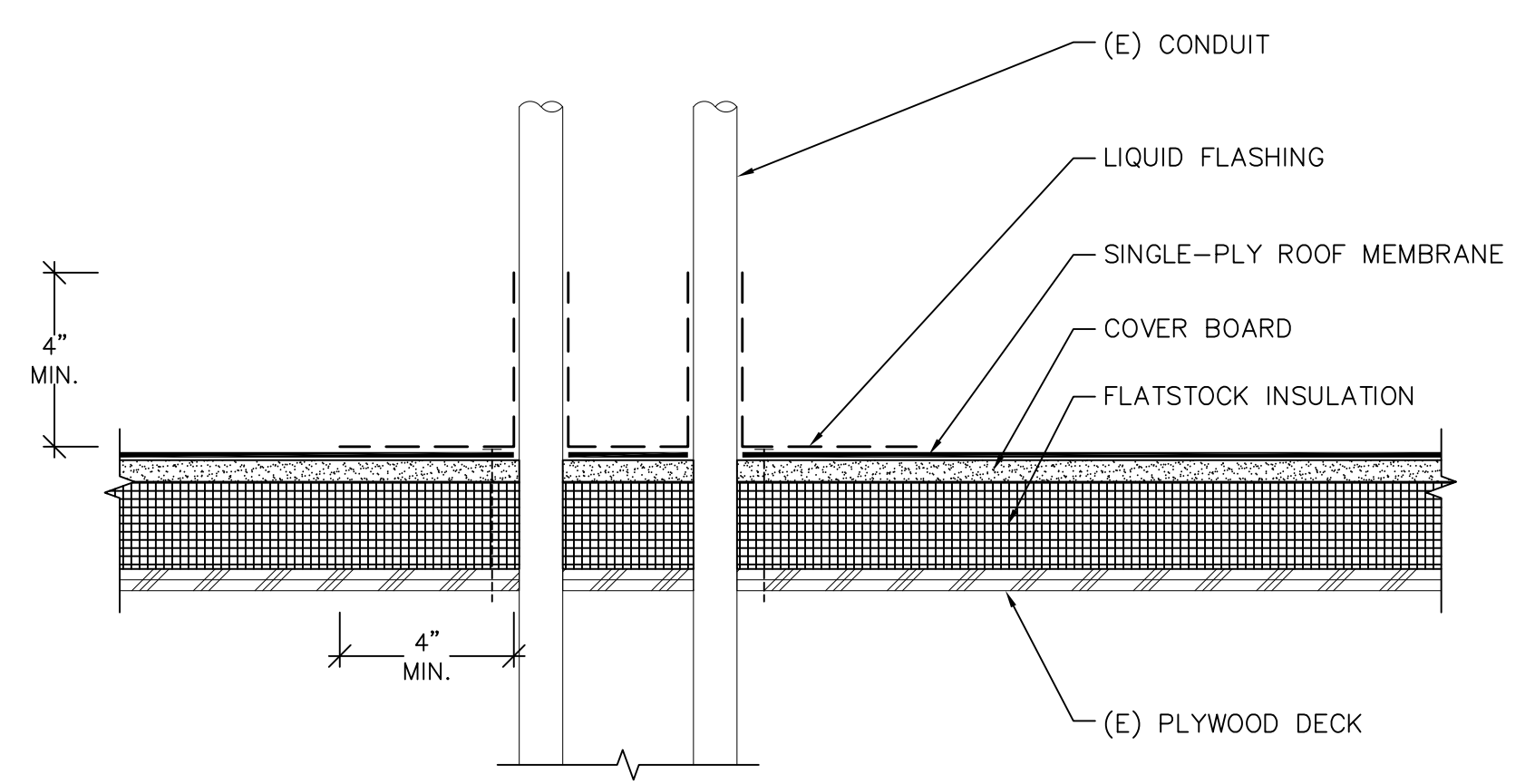
SHEET TITLE
 LEARNING CENTER
 ROOF PLAN

DRAWING NO.
 A2.1
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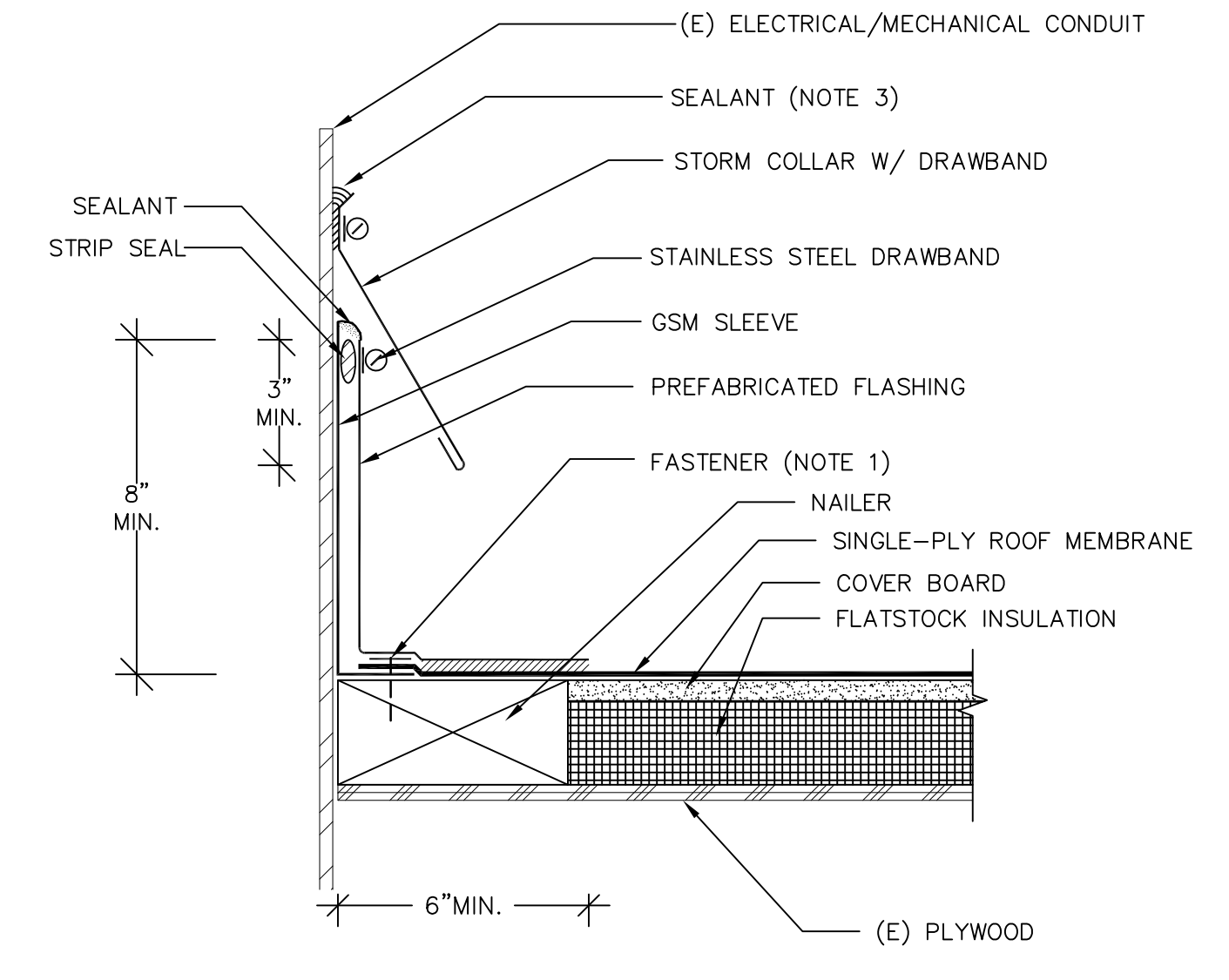
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10 EXPANSION JOINT COVER
 A10.50 SCALE: 3"=1'-0"

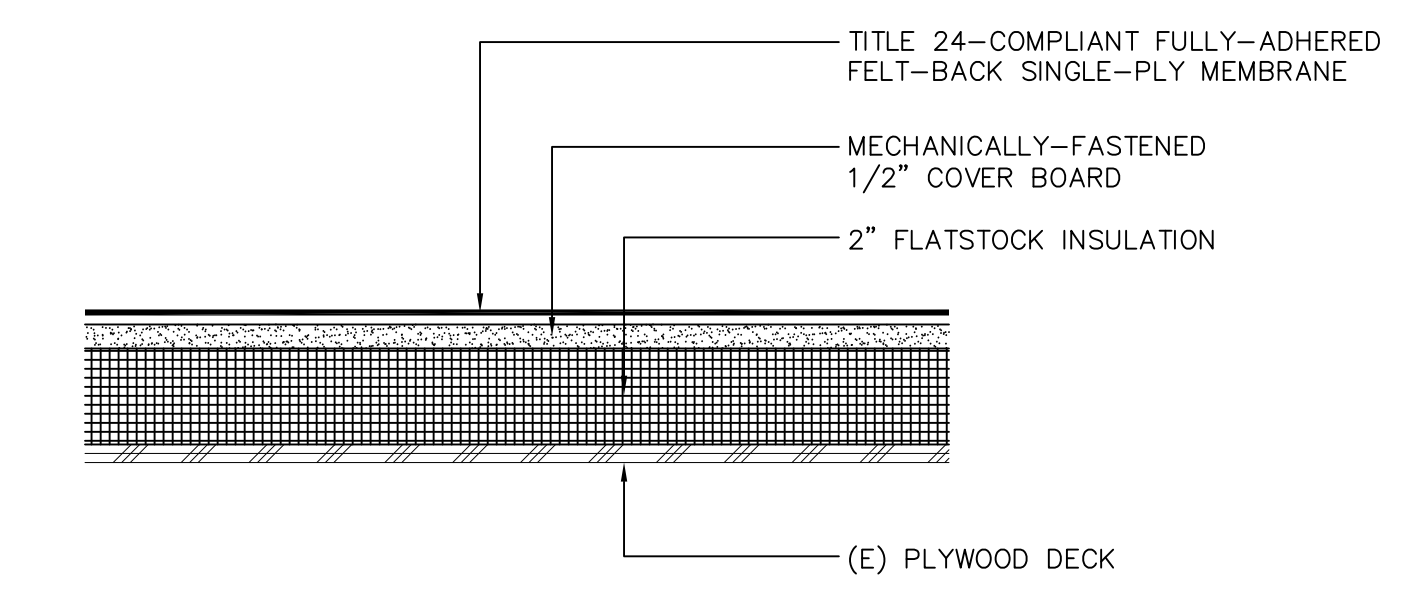


7 GANGED CONDUITS
 A10.50 SCALE: 3"=1'-0"



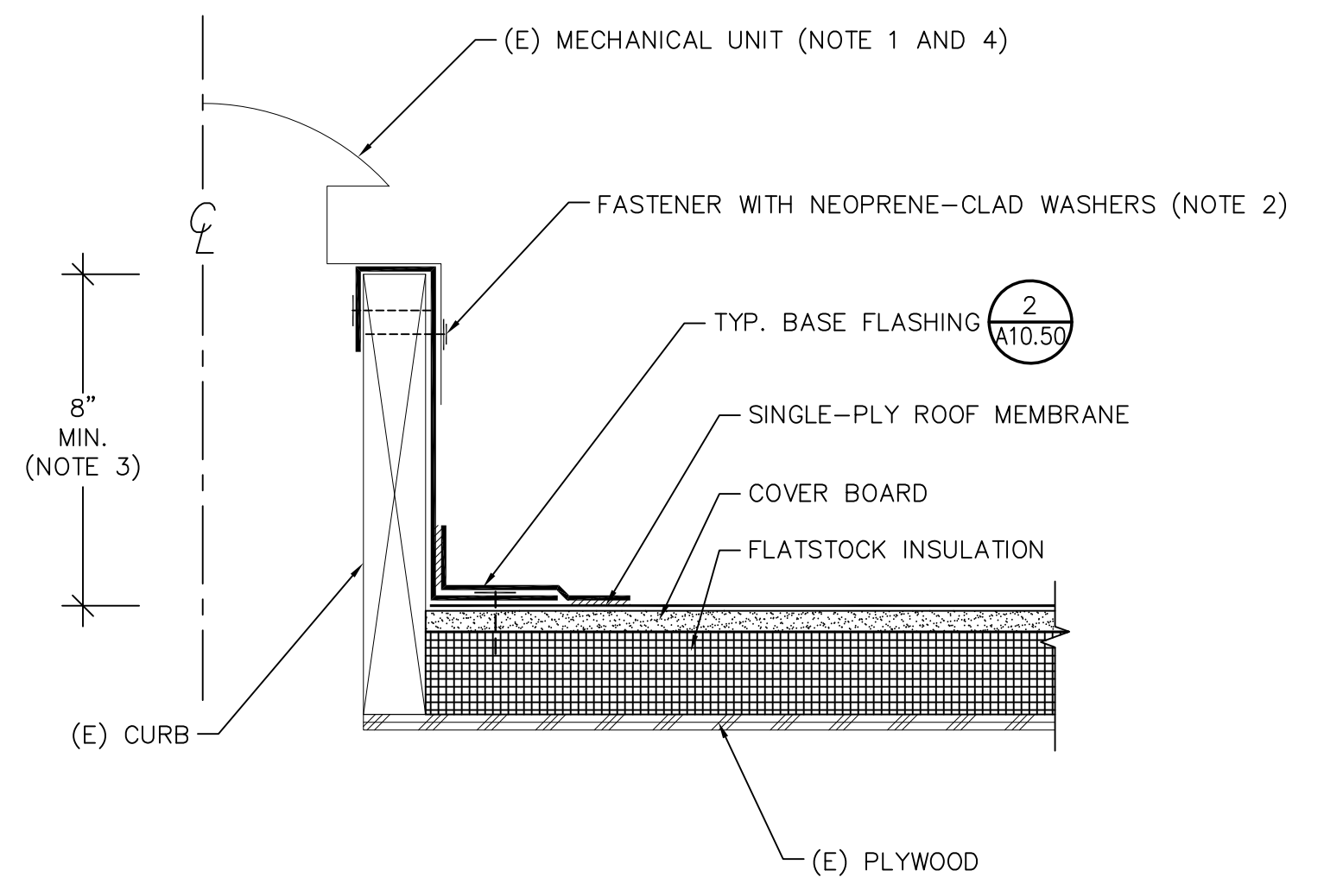
NOTES:
 (1) INSTALL A MINIMUM OF ONE FASTENER FOR ROOF MEMBRANE AT VENT FLASHING.
 (2) WHERE TEMPERATURE EXCEEDS 110°F, PROVIDE 1" MINIMUM AIR SPACE BETWEEN (E) HOT STACK AND GSM SLEEVE.
 (3) CLEAN ASPHALT FROM (E) HOT STACK PRIOR TO SEALANT APPLICATION. PROVIDE HIGH TEMPERATURE SEALANT.

4 ELEC. CONDUIT/MECH. PIPE
 A10.50 SCALE: 3"=1'-0"



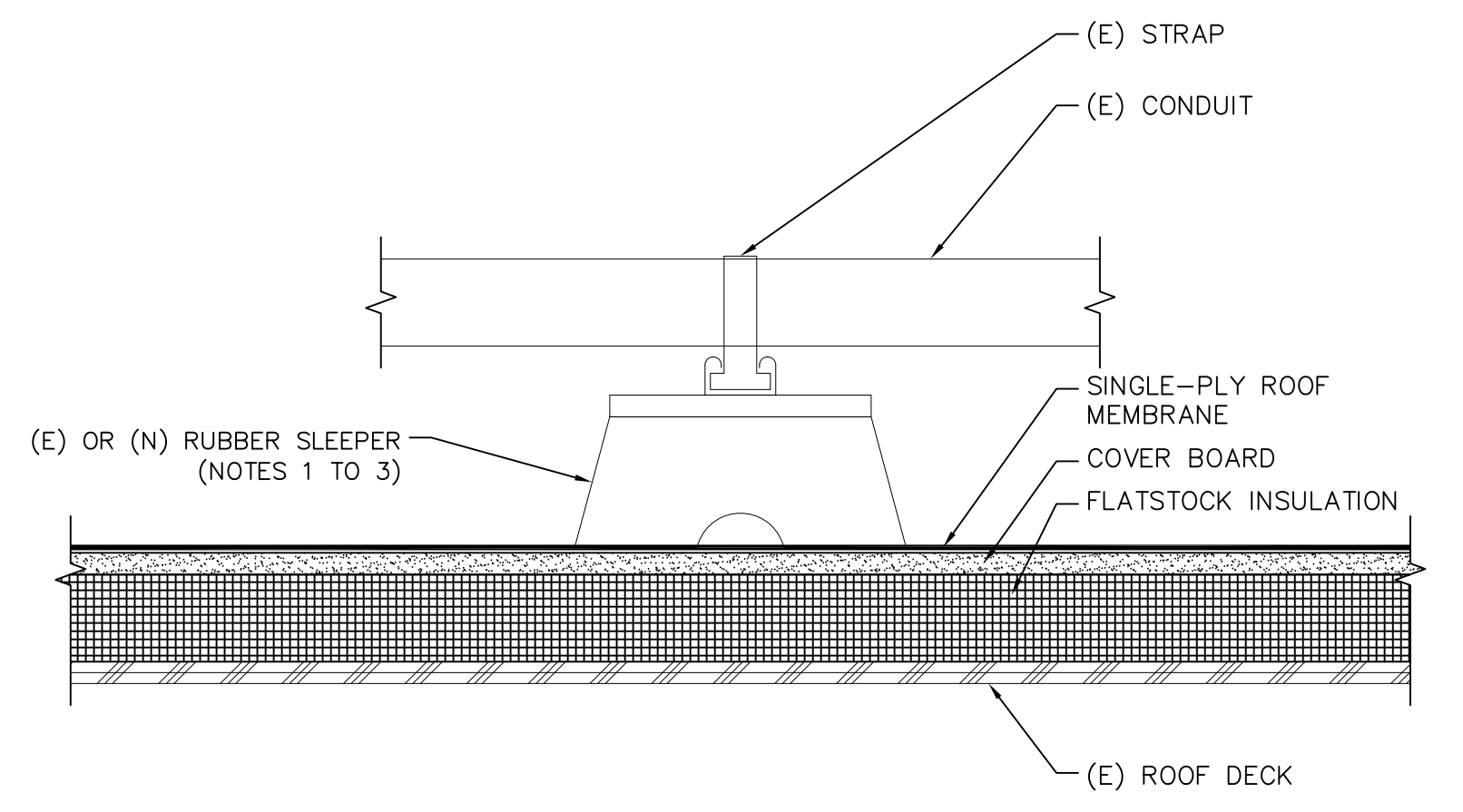
NOTE:
 (1) THE ABOVE-LISTED ROOF SYSTEMS SHALL HAVE A CLASS A FIRE RATING.

1 ROOF ASSEMBLY
 A10.50 SCALE: NOT TO SCALE



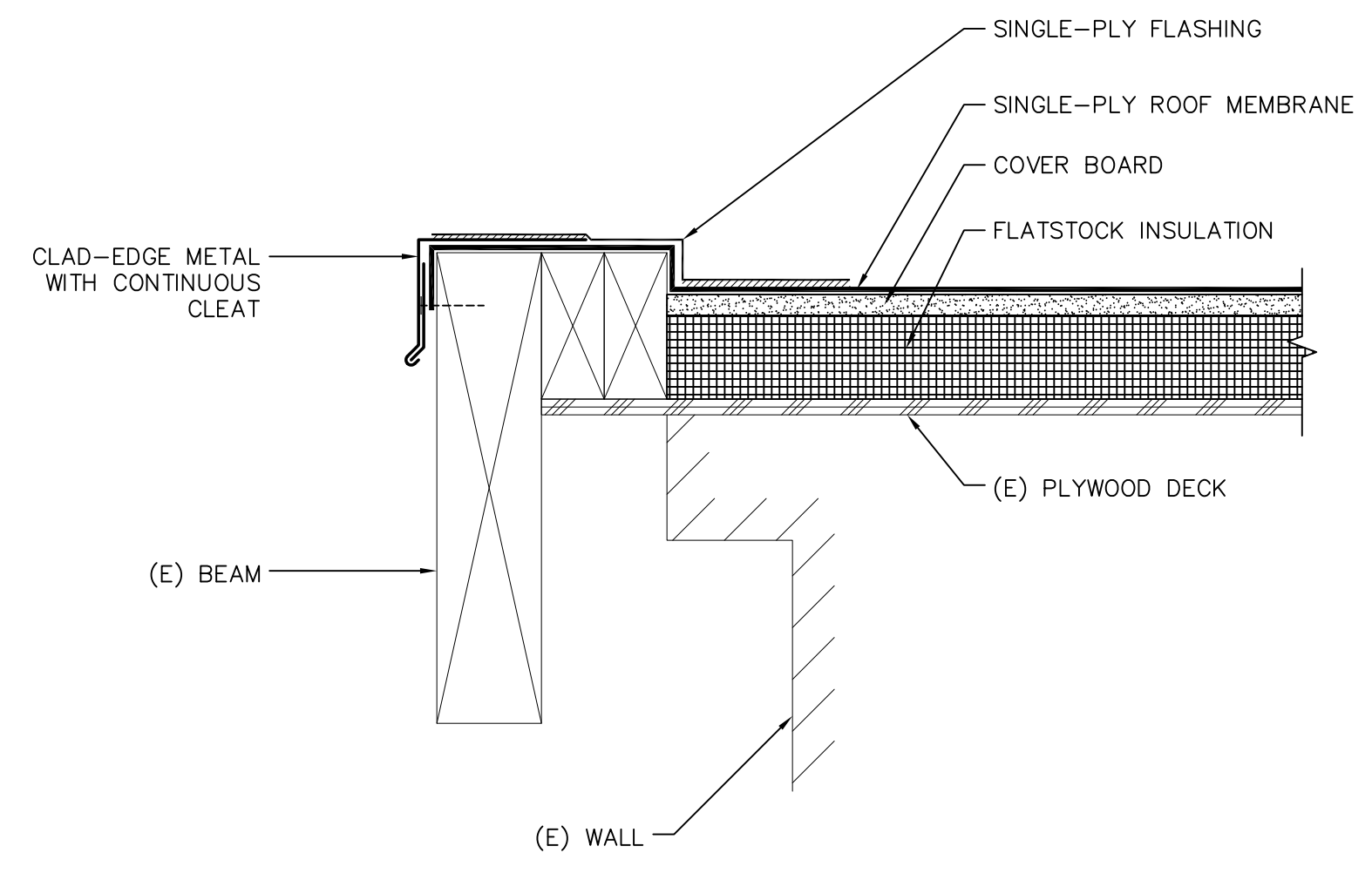
NOTES:
 (1) REMOVE AND REINSTALL (E) MECHANICAL UNIT TO INSTALL NEW ROOF FLASHING.
 (2) INSTALL NEW FASTENERS IN (E) HOLES.
 (3) RAISE CURB, AS REQUIRED TO ACHIEVE 8" BASE FLASHING HEIGHT.
 (4) FOR FANS WITH TURNDOWN LESS THAN 2", INSTALL 3" LONG GSM SKIRT FLASHING WITH 1/2" HEM.

11 EXHAUST FAN
 A10.50 SCALE: NOT TO SCALE

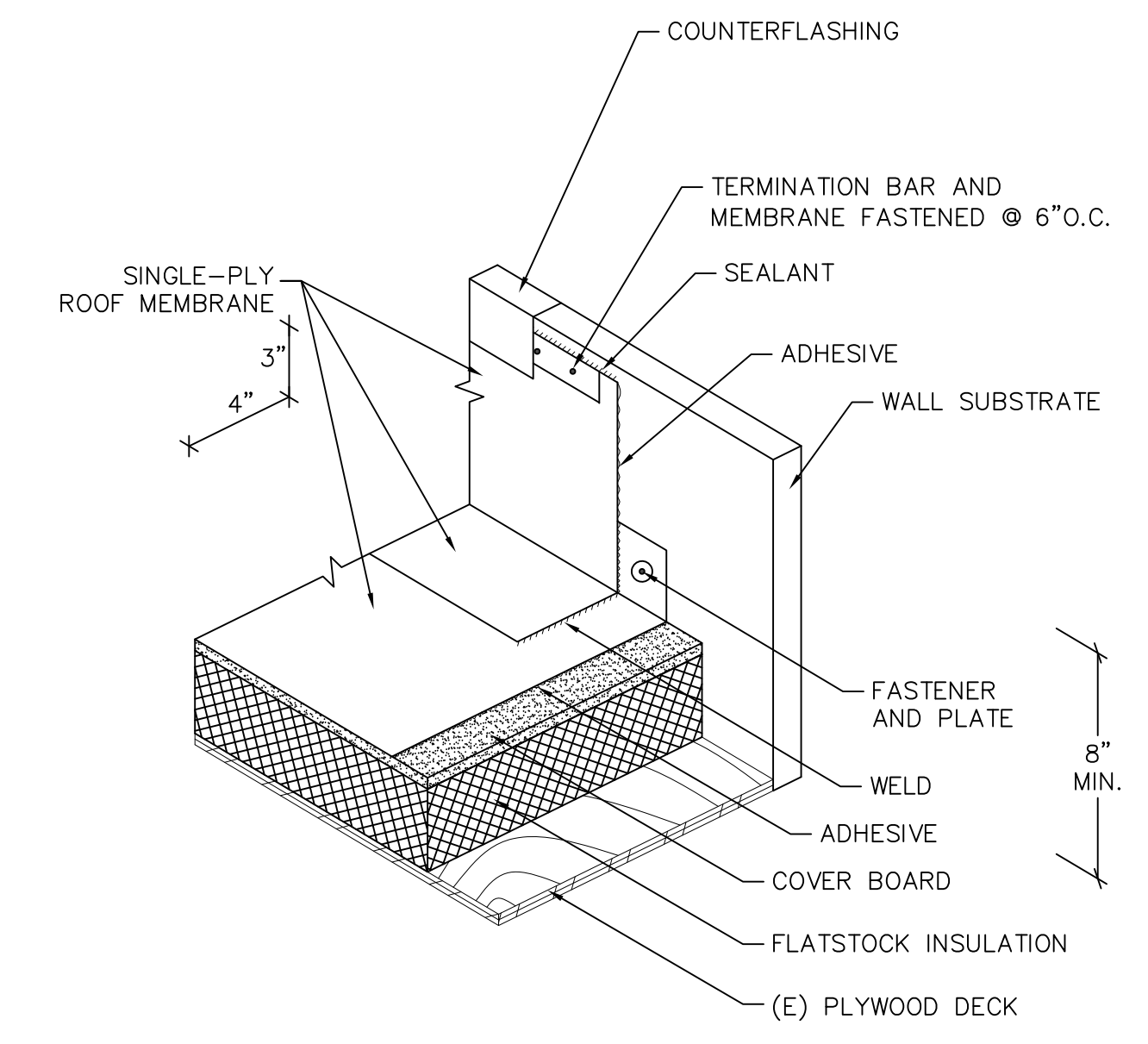


NOTES:
 (1) RETAIN AND REUSE (E) RUBBER SLEEPER.
 (2) REMOVE (E) WOOD SLEEPERS AND INSTALL (N) RUBBER SLEEPERS OF THE SAME SIZE.
 (3) INSTALL RECTANGULAR-SHAPED RUBBER SLEEPERS IF TRAPEZOIDAL-SHAPED SLEEPER WILL NOT FIT.

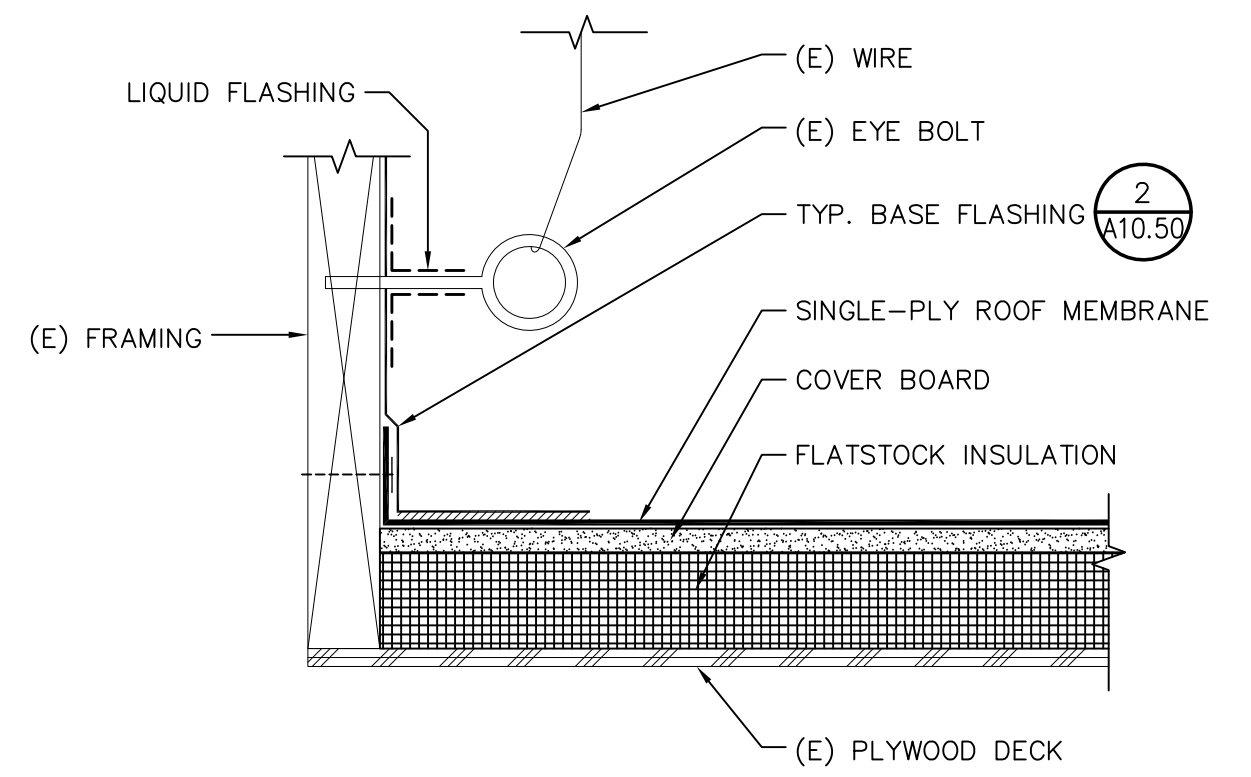
8 SLEEPER
 A10.50 SCALE: 3"=1'-0"



5 ROOF EDGE
 A10.50 SCALE: 3"=1'-0"

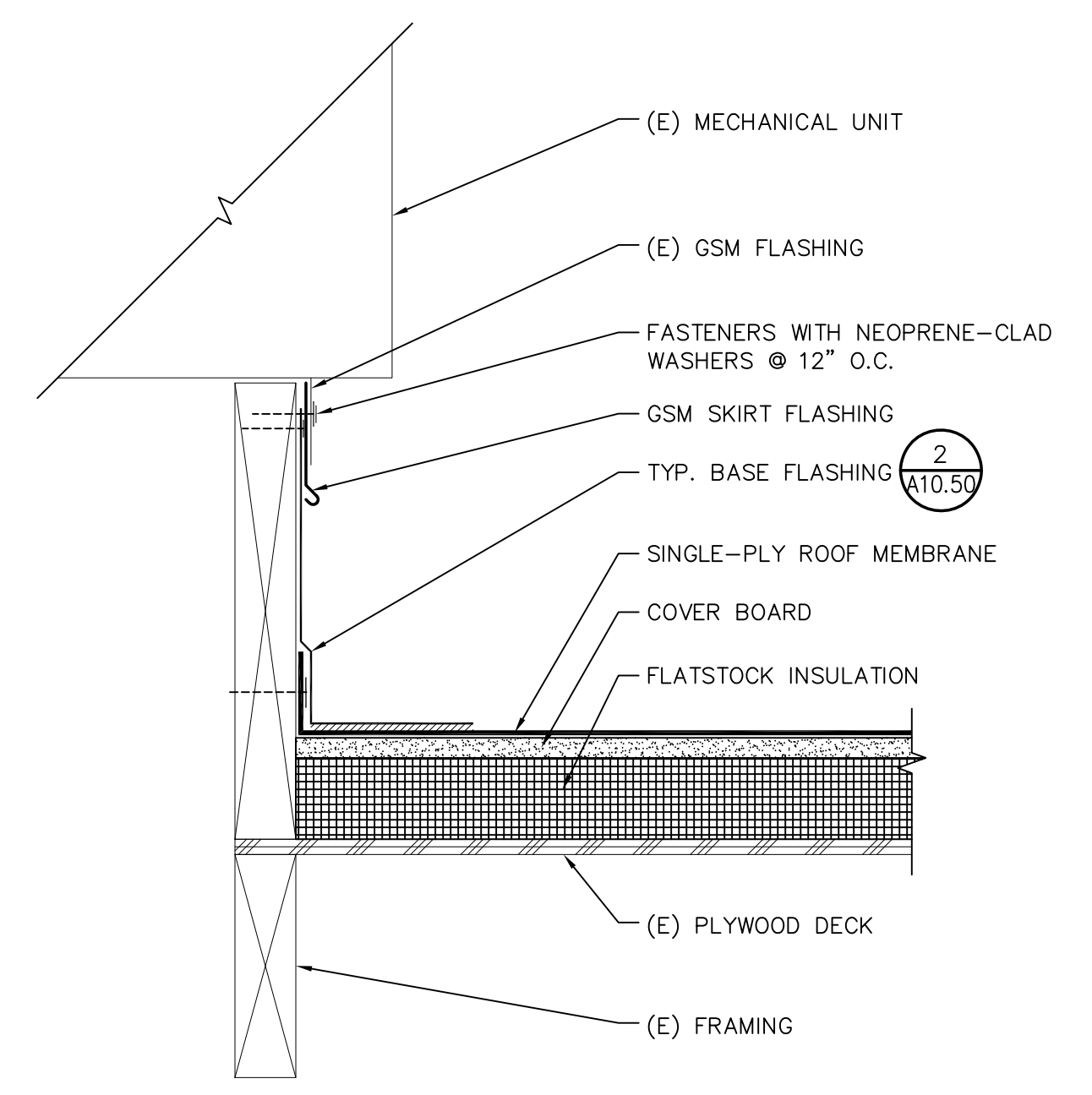


2 TYPICAL BASE FLASHING
 A10.50 SCALE: NOT TO SCALE

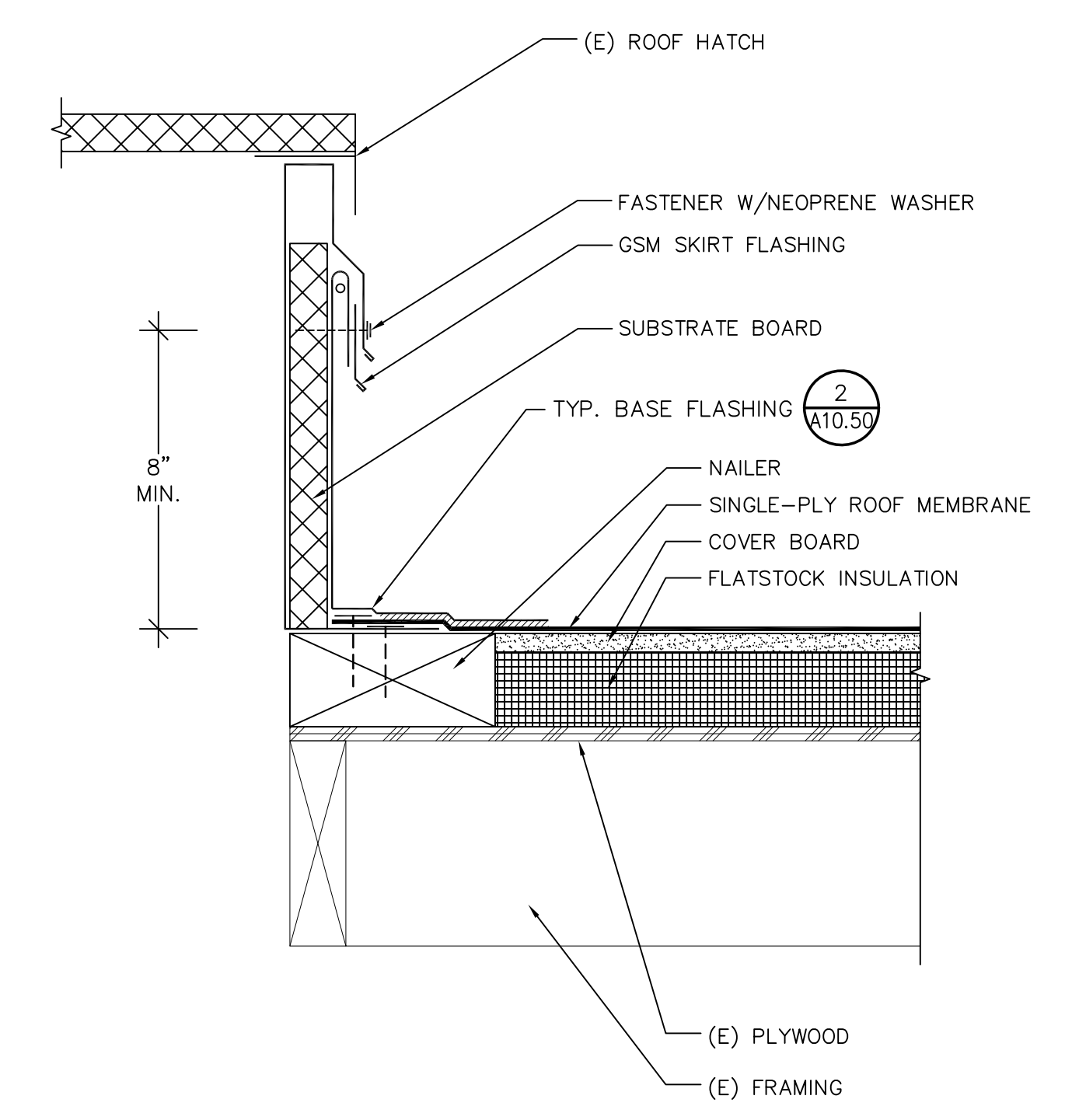


NOTE:
 (1) REMOVE ASPHALT FROM (E) EYE BOLT.

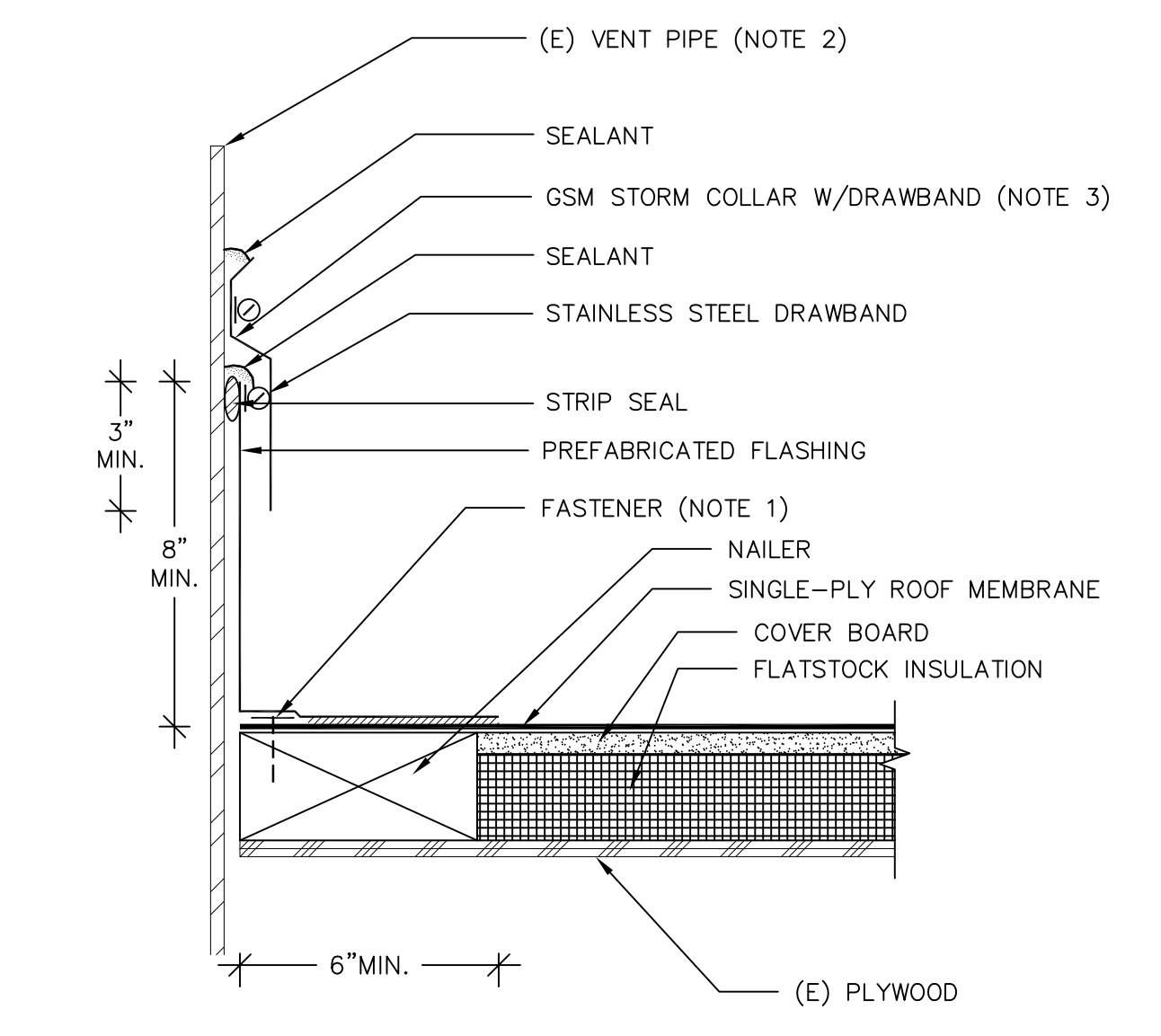
12 EYE BOLT FLASHING
 A10.50 SCALE: NOT TO SCALE



9 MECHANICAL PLATFORM
 A10.50 SCALE: 3"=1'-0"



6 HATCH
 A10.50 SCALE: NOT TO SCALE



NOTES:
 (1) INSTALL A MINIMUM OF ONE FASTENER AT VENT FLASHING.
 (2) CLEAN ASPHALT FROM (E) VENT PIPE AND WRAP WITH ALUMINUM TAPE.
 (3) SOLDER STORM COLLAR LAP JOINTS.
 (4) RAISE (E) VENT PIPE TO ACHIEVE 8 IN. REQUIREMENT. LOCATE CONNECTOR BELOW ROOF DECK, ASSUME 1/2 VENT PIPES FOR BIDDING.

3 VENT PIPE
 A10.50 SCALE: 3"=1'-0"

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SHEET TITLE
SINGLE-PLY ROOF DETAILS

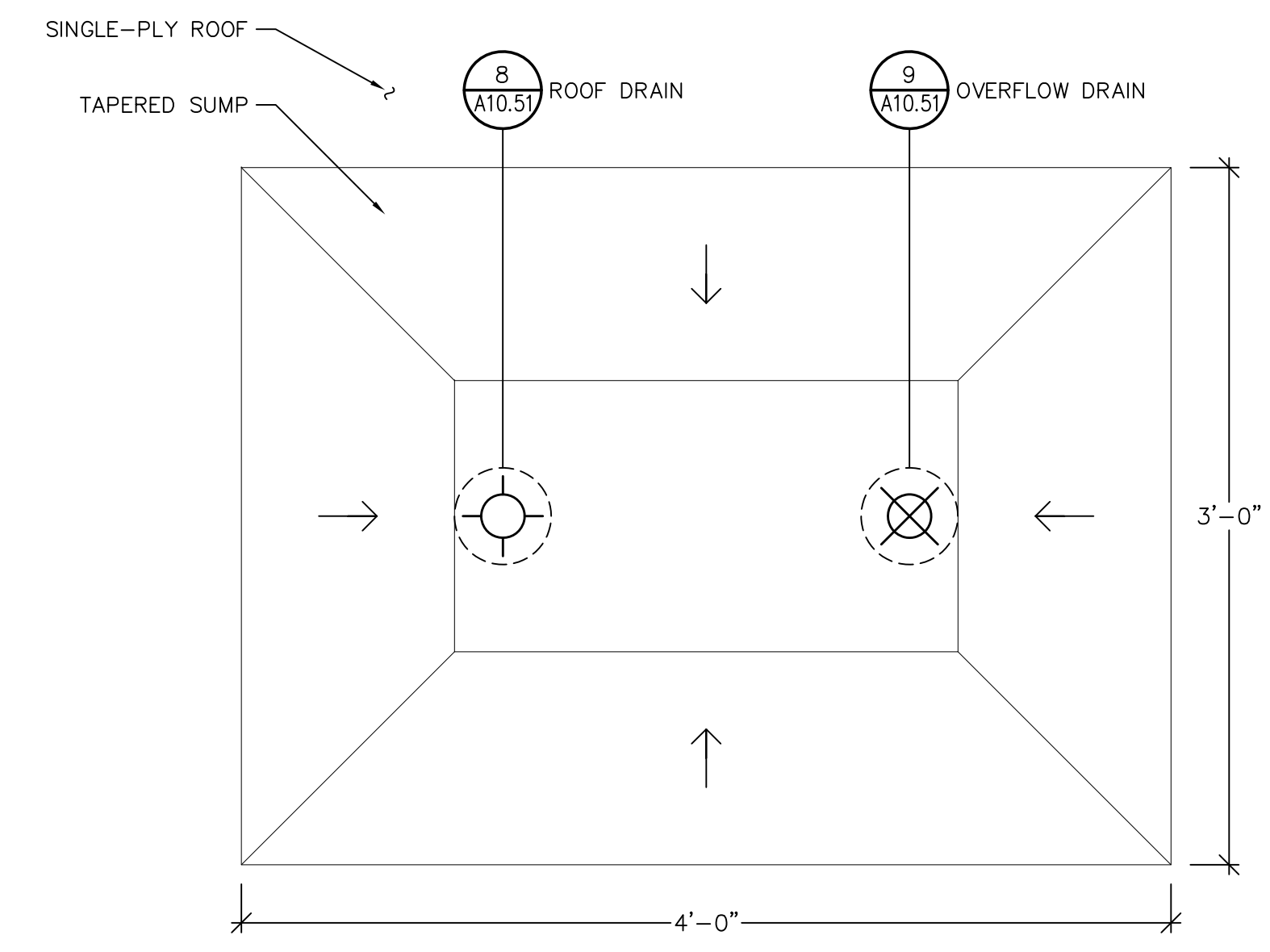
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A10.50

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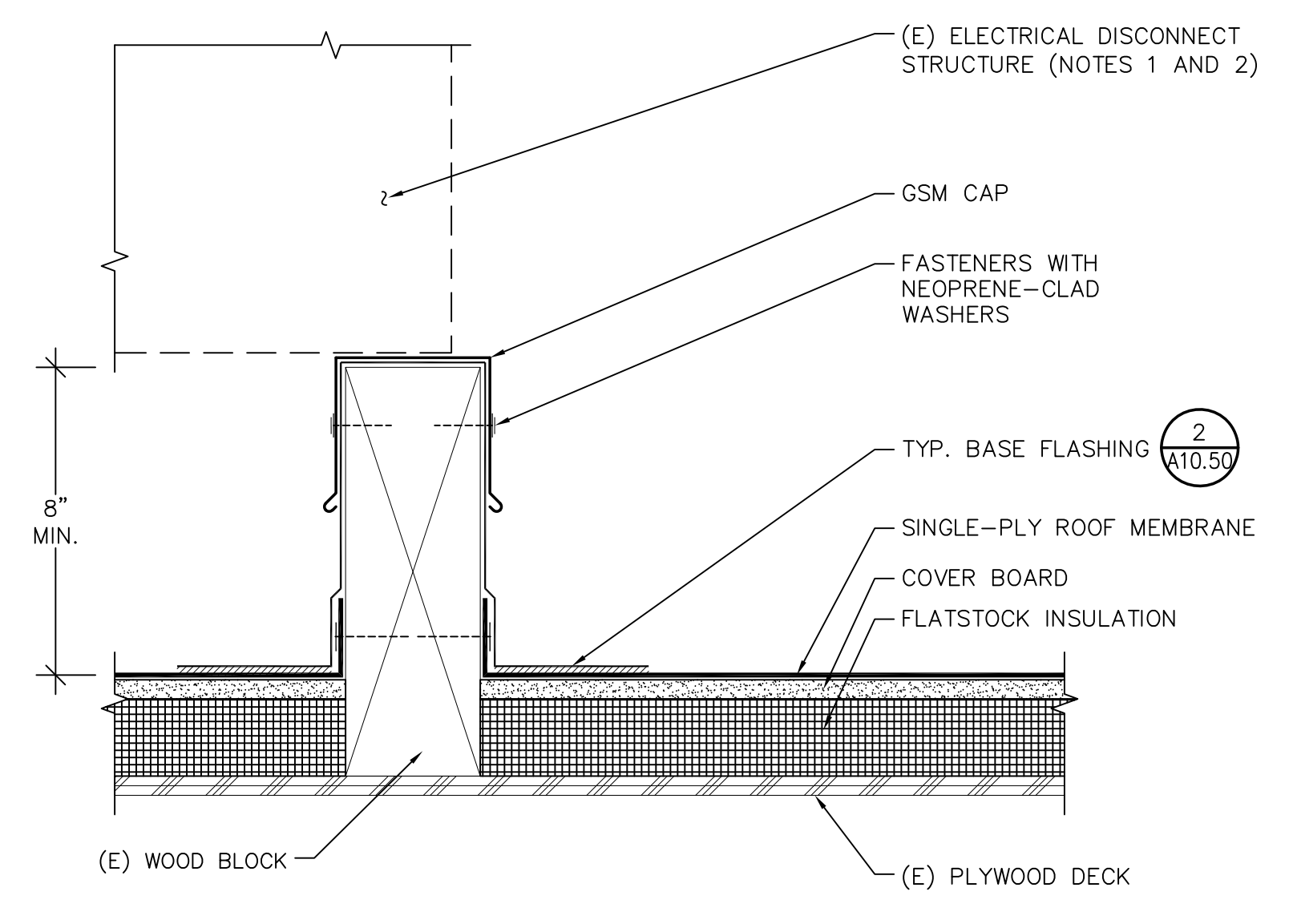
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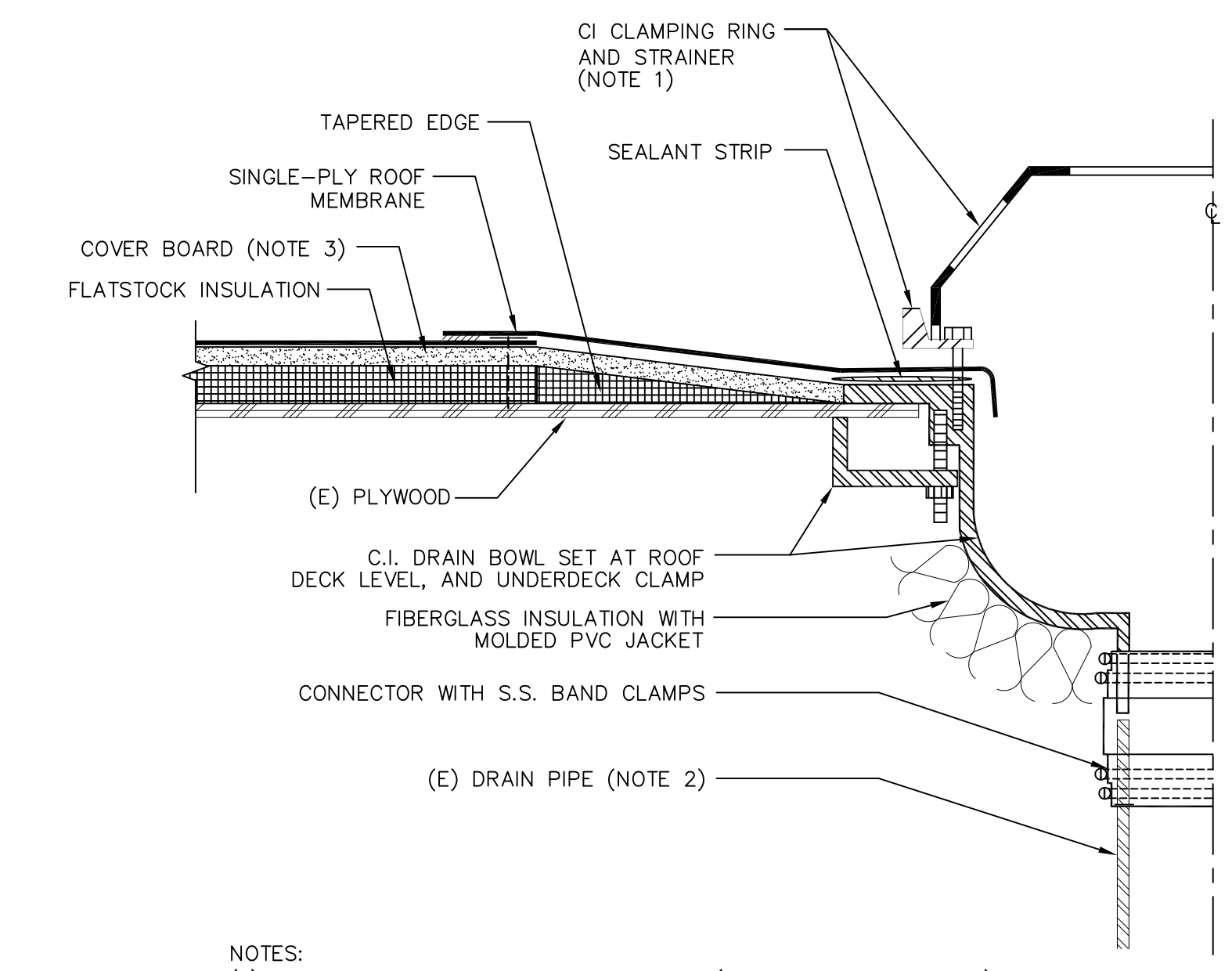
7 ROOF DRAIN-PLAN VIEW
 A10.51 SCALE: NOT TO SCALE

4 NO DETAIL
 A10.51 SCALE: NOT TO SCALE



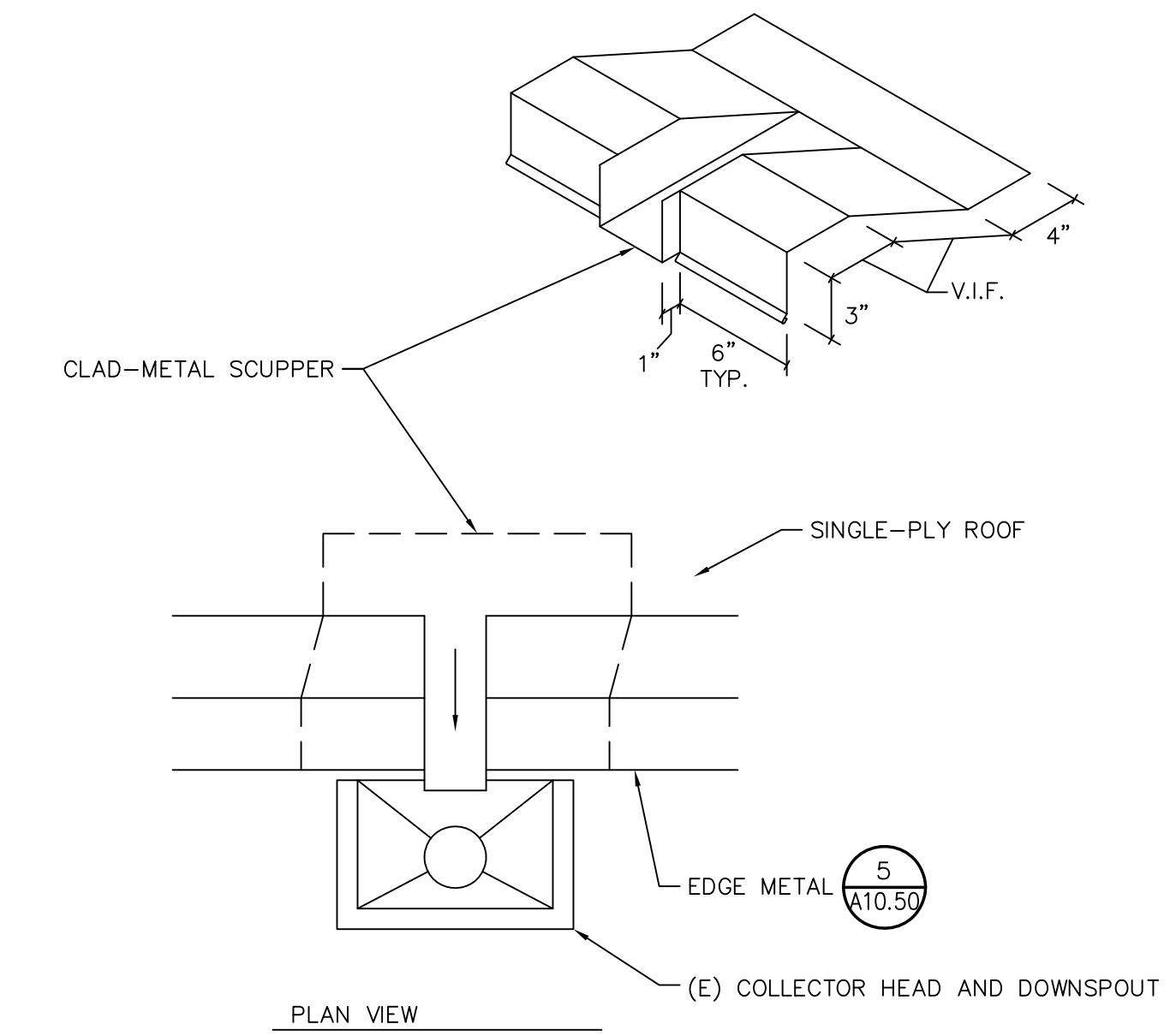
NOTES:
 (1) REMOVE AND REINSTALL THE (E) ELECTRICAL DISCONNECT STRUCTURE TO INSTALL (N) ROOF. SET FASTENERS IN ROOF-COMPATIBLE SEALANT.
 (2) SHUT OFF OF POWER, IF REQUIRED WILL NEED TO BE COORDINATED WITH THE COLLEGE.

1 CURB
 A10.51 SCALE: 3"=1'-0"



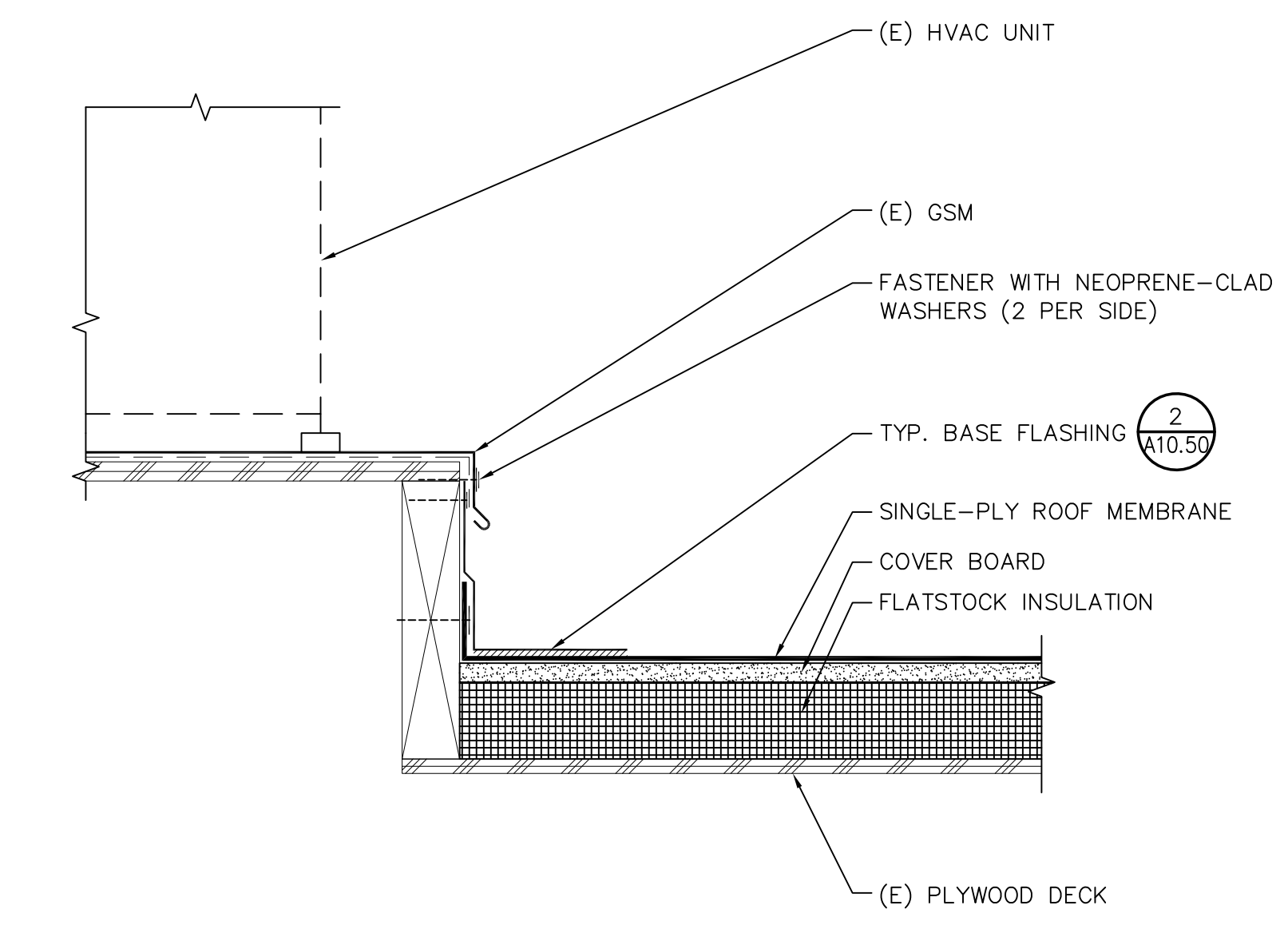
NOTES:
 (1) PROVIDE STAINLESS STEEL HARDWARE (BOLTS, NUTS, WASHERS) FOR CLAMPING RINGS AND STRAINERS.
 (2) CUT (E) DRAIN PIPE AS REQUIRED TO INSTALL NEW DRAIN BOWL.
 (3) SHAVE COVER BOARD FLUSH WITH TOP OF DRAIN BOWL FLANGE.
 (4) REMOVE AND REPLACE (E) ROOF DECK AS REQUIRED TO INSTALL NEW ROOF DRAIN BOWL.

8 ROOF DRAIN-SECTION
 A10.51 SCALE: NOT TO SCALE



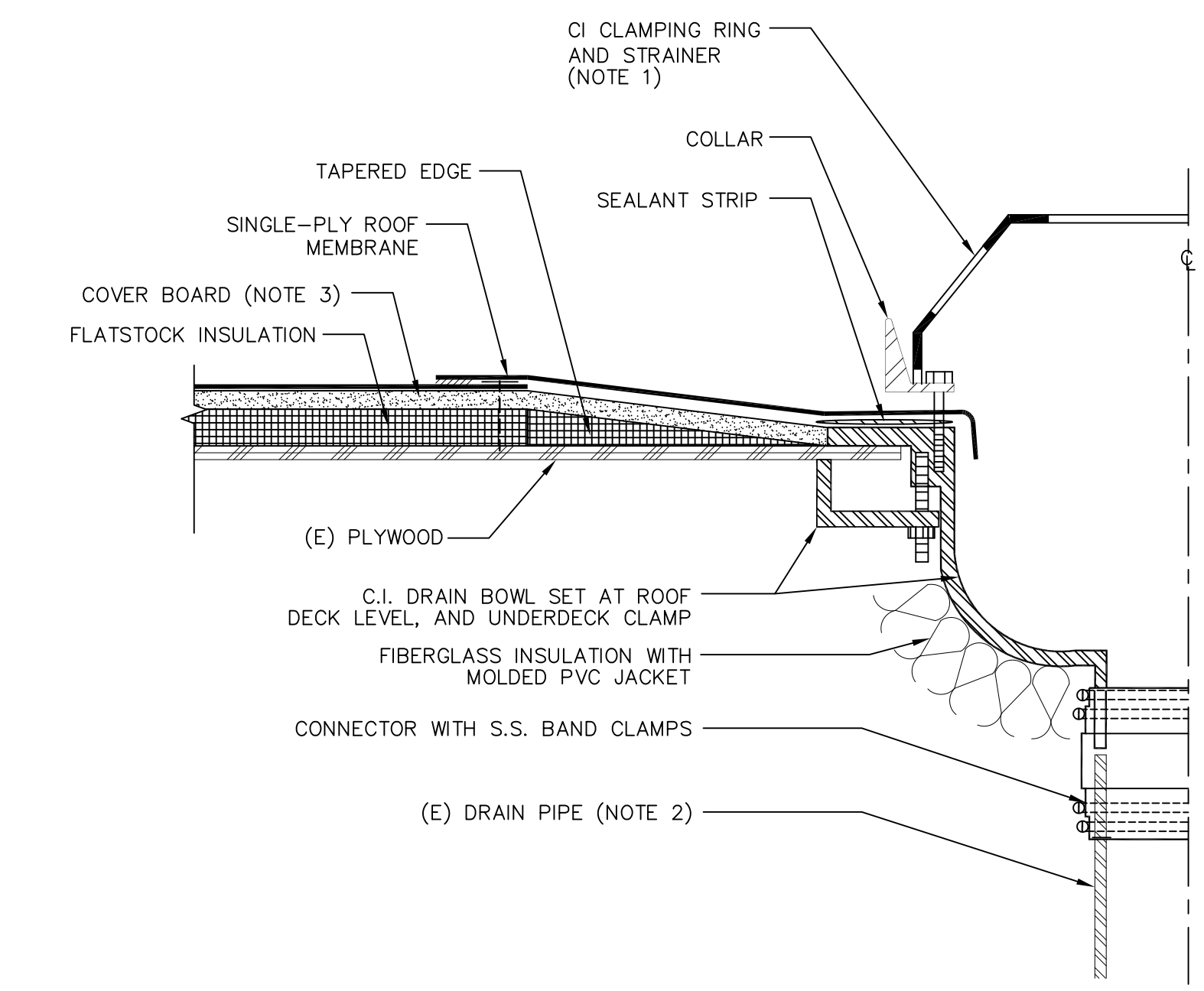
NOTE:
 (1) DISCONNECT AND RECONNECT COLLECTOR HEAD TO INSTALL EDGE METAL AND SCUPPER.

5 SCUPPER
 A10.51 SCALE: NOT TO SCALE



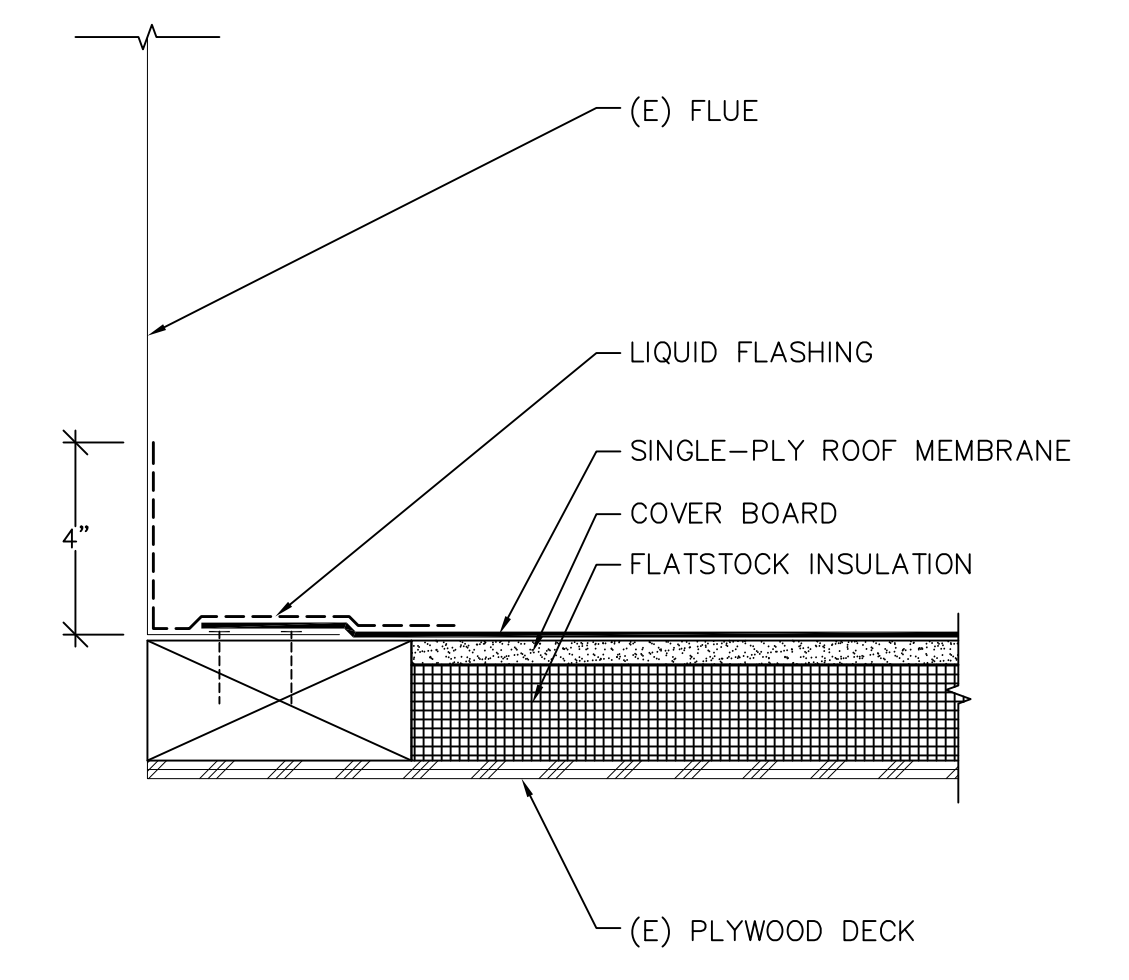
NOTE:
 (1) LIFT (E) GSM COVER EDGES AS REQUIRED TO INSTALL (N) ROOF. REPAIR CORNERS WITH MECHANICALLY FASTENED AND SOLDERED JOINTS.

2 HVAC PLATFORM
 A10.51 SCALE: 3"=1'-0"



NOTES:
 (1) PROVIDE STAINLESS STEEL HARDWARE (BOLTS, NUTS, WASHERS) FOR CLAMPING RINGS AND STRAINERS.
 (2) CUT (E) DRAIN PIPE OVERFLOW TO BELOW THE (E) PLYWOOD DECK TO INSTALL NEW DRAIN BOWL.
 (3) SHAVE COVER BOARD FLUSH WITH TOP OF DRAIN BOWL FLANGE.
 (4) INSTALL COLLAR AT OVERFLOW DRAINS.
 (5) REMOVE AND REPLACE (E) ROOF DECK AS REQUIRED TO INSTALL NEW ROOF DRAIN BOWL.

9 OVERFLOW DRAIN-SECTION
 A10.51 SCALE: NOT TO SCALE



NOTE:
 (1) REMOVE ASPHALT AND OTHER MATERIALS FROM FLANGE AND VERTICAL SURFACES, THAT WILL BE IN CONTACT WITH THE LIQUID FLASHING.

6 FLANGED UNIT
 A10.51 SCALE: 3"=1'-0"

3 NO DETAIL
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SHEET TITLE
SINGLE-PLY ROOF DETAILS

DRAWING NO.
A10.51

OF

BID SET - NOT FOR CONSTRUCTION