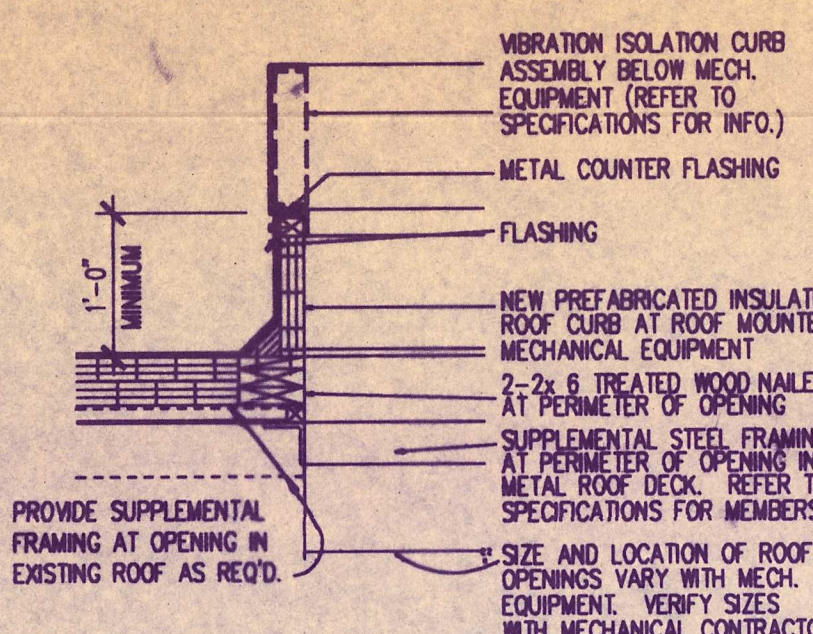
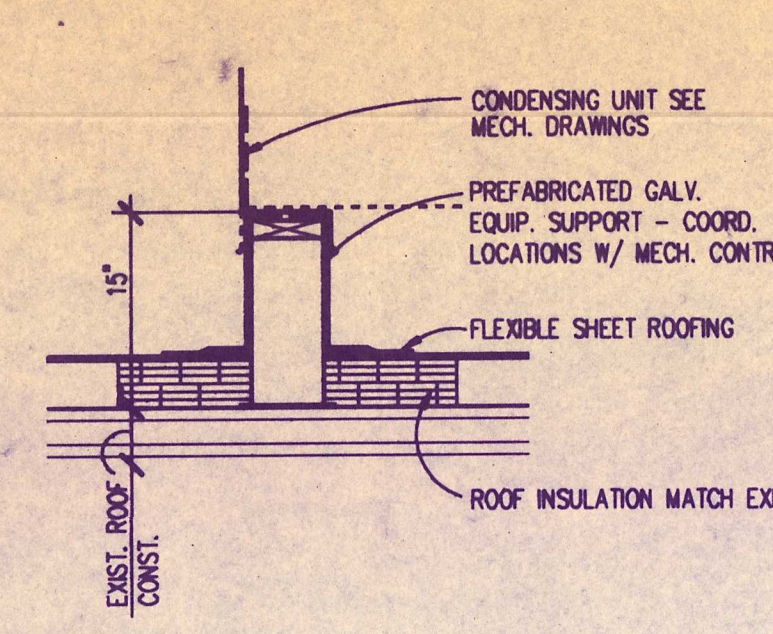
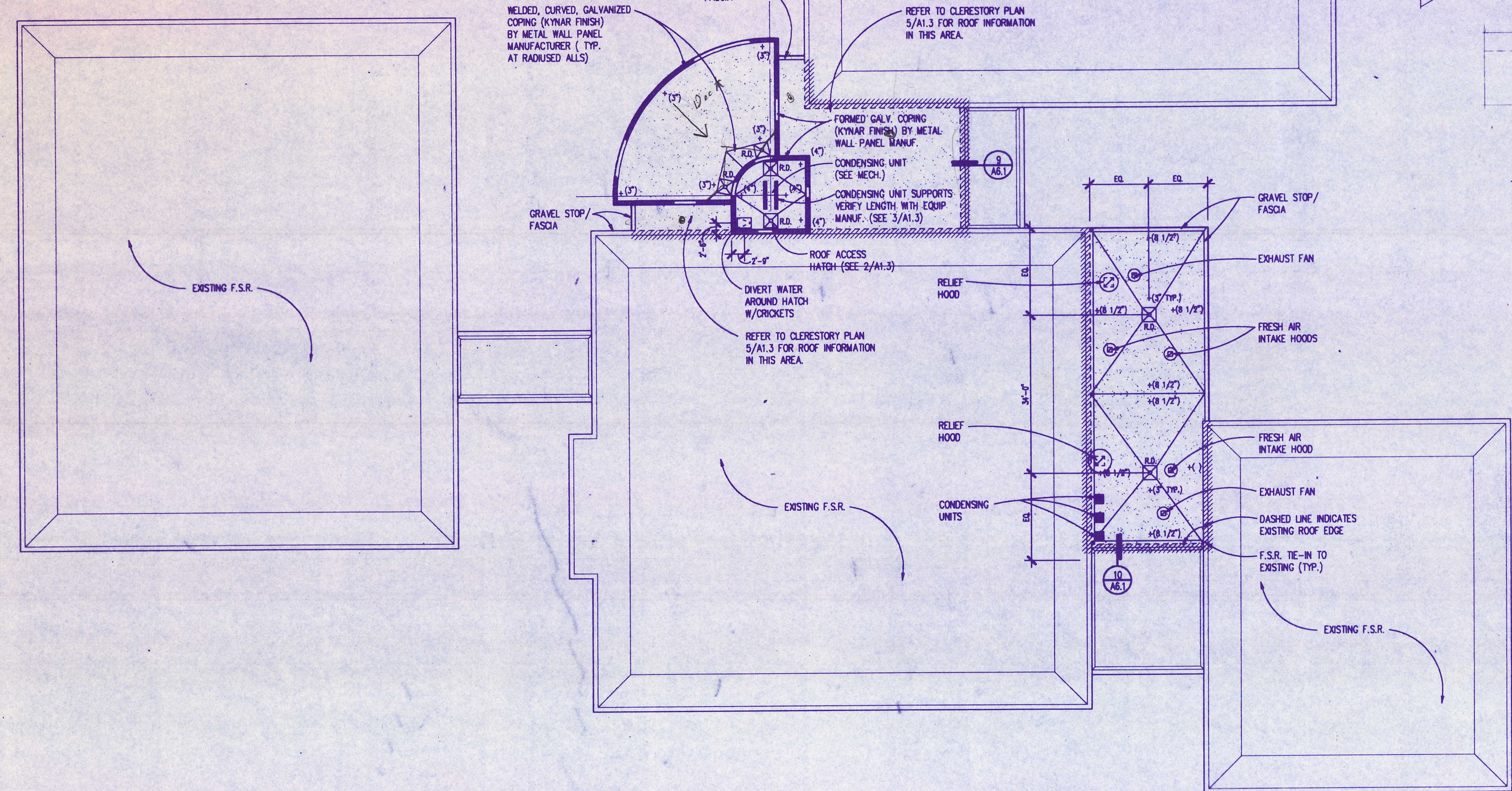




4. ROOF EQUIPMENT CURB
SCALE: 3/4" = 1'-0"



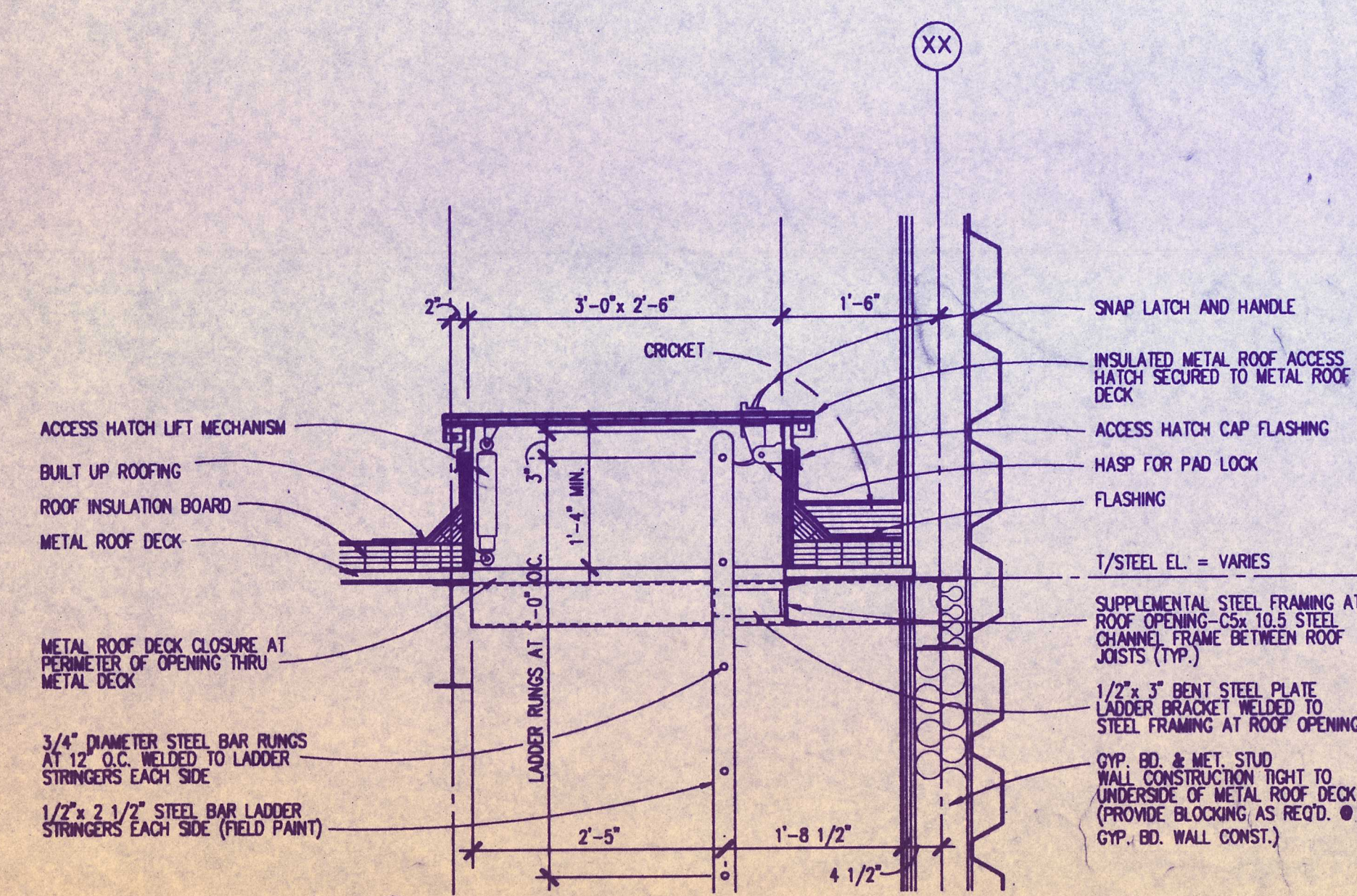
3. CONDENSING UNIT SUPPORT
SCALE: 3/4" = 1'-0"



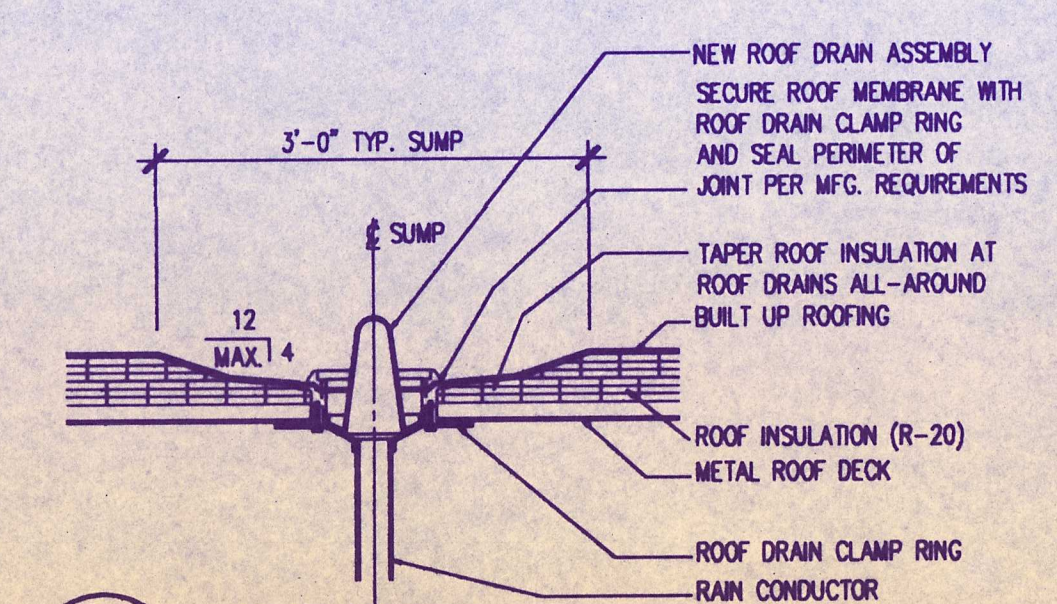
ROOF PLAN
SCALE: 1/8" = 1'-0"

GENERAL ROOF NOTES

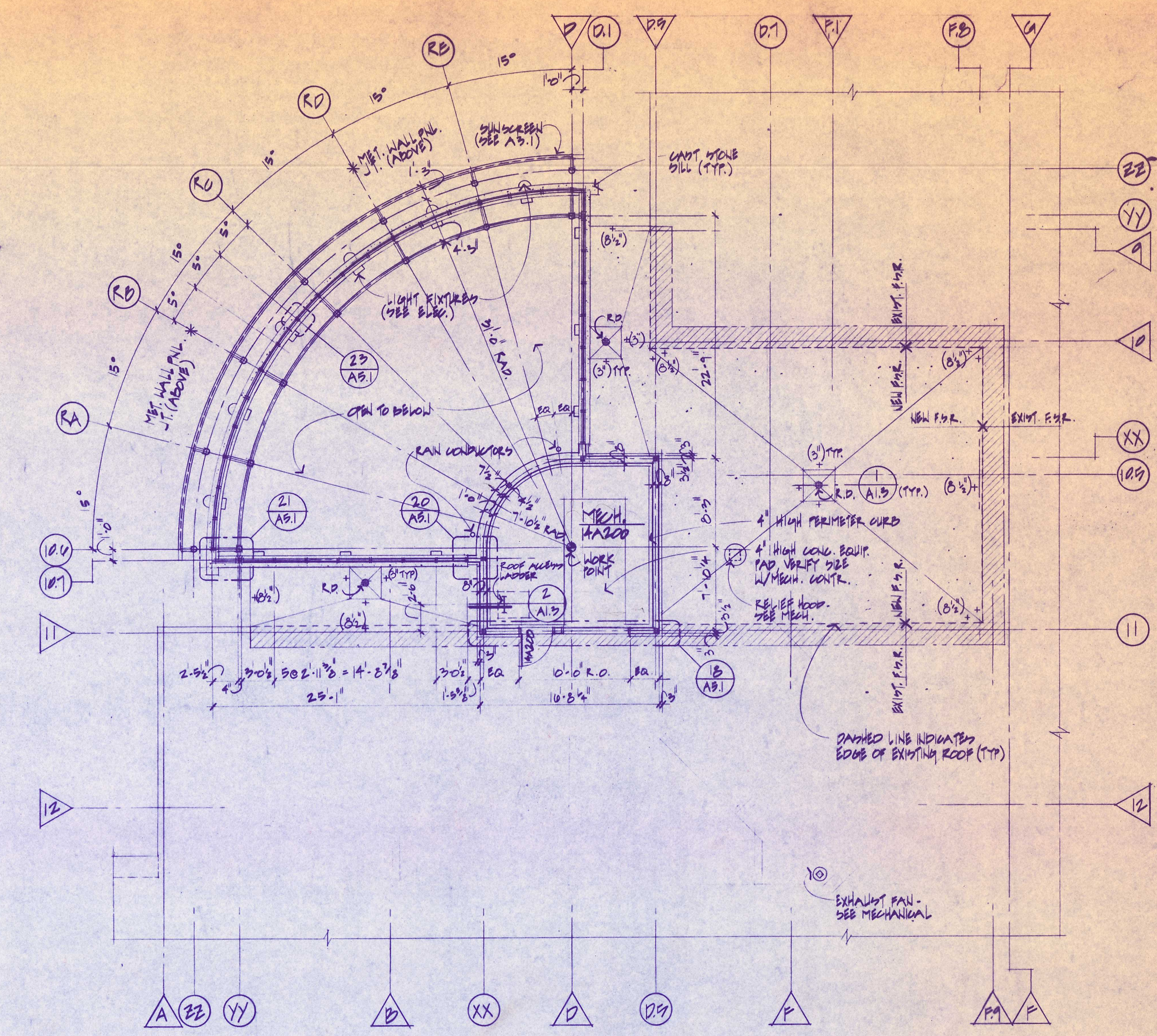
- SEE MECHANICAL DRAWINGS FOR LOCATIONS OF PLUMBING VENTS. FLASH AS SPECIFIED.
- SEE MECHANICAL DRAWINGS FOR ADDITIONAL OPENINGS, IF ANY, IN NEW OR EXISTING ROOFS. DETAILS OF SIMILAR OPENINGS REFERENCED ON THIS SHEET ARE APPLICABLE.
- WHERE NEW OPENINGS OCCUR IN EXISTING ROOF AREAS, INSTALL SUPPLEMENTAL STEEL FRAMING UNDER DECK PRIOR TO CUTTING HOLE IN DECK. REPAIR ROOFING AND INSULATION TO 2'-0" (MIN.) BACK OF OPENING.
- INSULATION THICKNESS ABUTTING EXISTING ROOF AREAS ARE APPROXIMATE. VERIFY EXISTING INSULATION THICKNESS IN FIELD.
- ALL ROOF SLOPES ARE ACHIEVED BY TAPERED INSULATION (EXCEPT AT RADIAL ROOF AREA OVER I.M.C.) TOTAL THICKNESS OF INSULATION (TAPERED AND BASE INSULATION) IS INDICATED THUSLY ().



2. ROOF HATCH DETAIL
SCALE: 3/4" = 1'-0"



1. ROOF DRAIN
SCALE: 3/4" = 1'-0"



CLERESTORY / MECHANICAL R.M. PLAN
SCALE: 3/8" = 1'-0"

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project title
Marshall Elementary Renovation

Livonia Public Schools
sheet title
Roof Plan / Clerestory - Mech. Room Plan

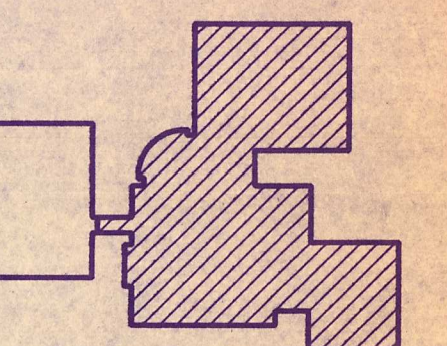
8-24-92	BDS
8-17-92	SSW REVIEW
date	issued for
drawn	C.J.Z.
checked	M.W.E.
approved	J.C.
job. no.	
92014	
sheet no.	
A1.3	



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project title
**Marshall
Elementary
Renovation**

Livonia
Public Schools
sheet title
**Reflected Ceiling
Plan - Zone "A"**



KEY PLAN

8-24-92 J.R. BIDS
8-17-92 J.R. REVIEW
5-26-92 J.C. DESIGN DEVELOPMENT

date issued for

drawn J.R.
checked M.W.E.
approved J.C.

job. no.
92014
sheet no.
A2.1

RATED WALL KEY
----- NEW 1 HOUR FIRE-RATED CONSTRUCTION.
----- EXISTING WALL CONSTRUCTION TO BE TREATED AS 1 HOUR FIRE-RATED CONSTRUCTION WITH REGARDS TO MECHANICAL PENETRATIONS
----- NEW AND REWORKED EXISTING, 2 HOUR FIRE-RATE CONSTRUCTION
GENERAL NOTES:
1. REFER TO FLOOR PLANS FOR WALL CONSTRUCTION
2. ALL WALLS SHALL EXTEND TO ROOF/FLOOR CONSTRUCTION & SHALL BE SEALED TIGHT
3. REMOVE AND REPLACE EXISTING CEILING AS REQUIRED FOR NEW WALL CONSTRUCTION, ELECTRICAL WORK AND MECHANICAL WORK.

REFLECTED CEILING LEGEND
VENER PLASTER OR CEMENT PLASTER, PTD. (SEE ROOM FINISH SCHEDULE)
NEW LAY-IN CEILING AND FIXTURE
EXISTING LAY-IN CEILING AND FIXTURE TO REMAIN
12" X 12" ACOUSTIC TILE (DIRECT GLUED)
2' X 4' RECESSED FLUORESCENT LIGHT FIXTURE
1' X 4' RECESSED FLUORESCENT LIGHT FIXTURE
6" PENDANT MOUNTED FLUORESCENT LIGHT FIXTURE (DIRECT/INDIRECT)
2' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
1' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
RECESSED CEILING MOUNTED EMERGENCY LIGHT
WALL MOUNTED EMERGENCY LIGHT
4' LONG SURFACE MOUNTED OR CHAIN HUNG FLUORESCENT LIGHT FIXTURE
RECESSED DOWNLIGHT FIXTURE
WALL MOUNTED METAL HALIDE LIGHT FIXTURE (9'-6" A.F.F.)
MECHANICAL SUPPLY DIFFUSER
MECHANICAL RETURN GRILLE
EXHAUST FAN
SPEAKER
EXIT SIGN/LIGHT
SMOKE DETECTOR
CEILING MOUNTED CABINET UNIT HEATER
2' LONG WALL MOUNTED FLUORESCENT LIGHT FIXTURE
9' X 4' RECESSED FLUORESCENT PARABOLIC LIGHT FIXTURE (AN "S" ADJACENT FIXTURE INDICATES SURFACE MOUNTING)
11" WALL MOUNTED FLUORESCENT LIGHT FIXTURE (10'-3" A.F.F.)
UNDERCABINET FLUORESCENT LIGHT FIXTURE
GENERAL NOTES:
1. REFER TO ELECTRICAL LIGHTING PLANS FOR SPECIFIC LIGHTING FIXTURE TYPES.

REFLECTED CEILING PLAN - ZONE "A"
SCALE: 1/8" = 1'-0"