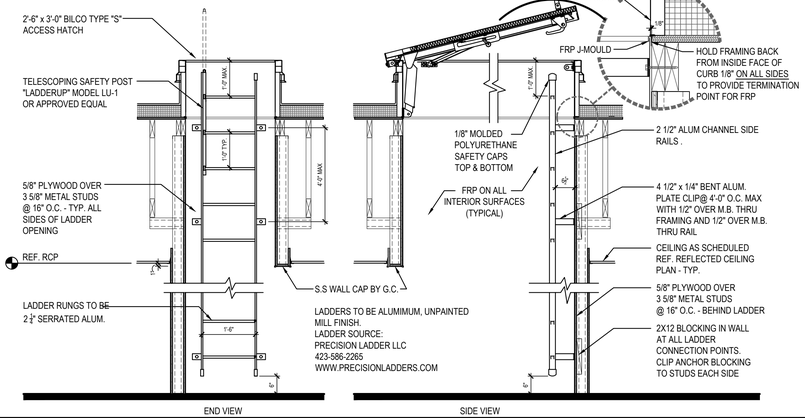
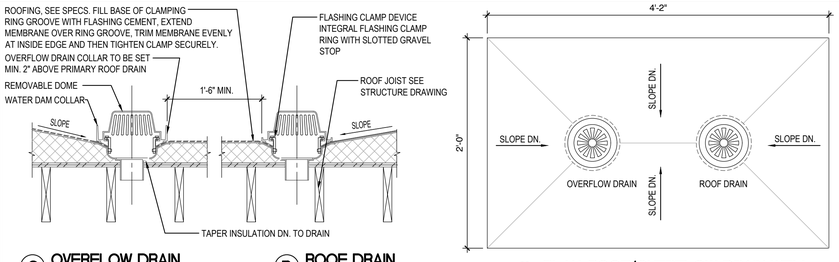


ROOF ACCESS LADDER DETAIL 16

Scale= 1/4" = 1'-0" A-107



C OVERFLOW DRAIN
NOTE:
WHERE INSULATION IS SPECIFIED PROVIDE AN ADJUSTABLE COLLAR AND SET IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS.

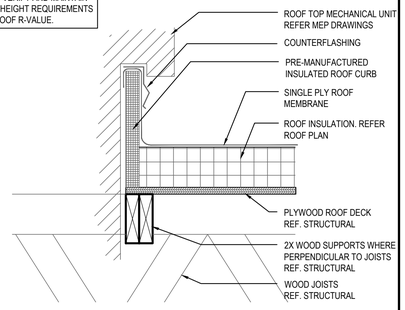
B ROOF DRAIN
PROVIDE JAY R. SMITH (OR EQUAL) ROOF DRAIN AND OVERFLOW DRAIN -CAST IRON BODY -POLYETHYLENE DOME

A PLAN-ROOF/OVERFLOW DRAIN WELL

ROOF DRAIN DETAIL 15

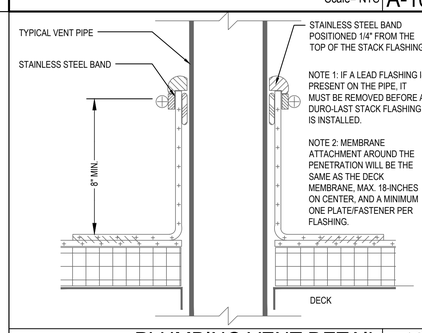
Scale= NTS A-107

NOTE:
GC TO VERIFY AND MAINTAIN CURB HEIGHT REQUIREMENTS PER ROOF R-VALUE.



MECHANICAL CURB DETAIL 18

Scale= NTS A-107



PLUMBING VENT DETAIL 13

Scale= NTS A-107

ROOF PLAN NOTES:

1. WHITE, SINGLE-PLY, PVC 40MIL MECHANICALLY FASTENED ROOF MEMBRANE, AS MANUFACTURED BY DURO-LAST ROOFING, INC. NO ALTERNATES WILL BE ACCEPTED. PROVIDE STANDARD 15 YEAR WARRANTY.

2. +6" INDICATES APPROXIMATE ELEVATION OF THE TOP OF ROOF PLYWOOD SHEATHING AT PLYWOOD CRICKET. SEE TRUSS DRAWINGS FOR ACTUAL ROOF SLOPE. ALL ROOF ELEVATIONS ARE GIVEN FROM TOP OF INTERIOR CONCRETE FLOOR SLAB (U.O.N.). WHEN FLOOR SLAB STEPS, ELEVATIONS ARE REFERENCED FROM THE HIGHEST FINISHED FLOOR.

3. ANY PROJECTION THROUGH ROOF SHALL BE DETAILED PER THE SINGLE PLY ROOFING MANUFACTURER'S RECOMMENDED DETAILS.

4. ALL EXHAUST FANS AND AIR CONDITIONING EQUIPMENT DESIGNATIONS ARE TAKEN FROM MECHANICAL DRAWINGS.

5. NOT USED.

6. CONTRACTOR SHALL CONFIRM THAT ALL AREAS OF ROOF ARE PROVIDED WITH POSITIVE DRAINAGE.

7. ALL ROOF PENETRATIONS FOR PLUMBING VENTS, POWER CONDUITS, ETC. SHALL BE FLASHED PER BUILDING SPECIFICATIONS AND DETAILS. VENTS SHALL BE AT LEAST 10'-0" HORIZONTAL OR 3'-0" ABOVE OUTSIDE AIR INTAKES (A/C UNITS, MAKE-UP AIR).

8.CONTRACTOR BE RESPONSIBLE FOR COORDINATION OF SIZES AND LOCATIONS OF ROOF OPENINGS (VENTS, DUCTS, ETC.), PLATFORMS, BASES ETC. COORDINATE SIZES OF MECHANICAL EQUIPMENT PLATFORMS, BASES, ROOF EQUIPMENT PLATFORMS AND OPENINGS SHOWN ON DRAWINGS WITH EQUIPMENT BEING SUPPLIED. SEE TYPICAL DETAILS ON THIS SHEET ALSO COORDINATE INSTALLATION OF LIGHTING, POWER, CONVENIENCE OUTLETS ETC.

10. FOR ALL STRUCTURAL FRAMING MEMBERS, SIZES, AND ADDITIONAL INFORMATION, SEE STRUCTURAL DRAWINGS.

11. PROVIDE ROOF CRICKET AT MECHANICAL EQUIPMENT TO ASSURE POSITIVE ROOF DRAIN.

12. ALL ROOF EQUIPMENT TO BE SCREENED FROM PUBLIC VIEW.

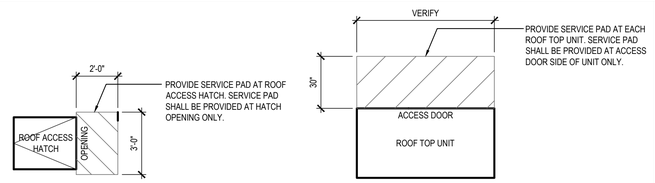
13. ROOFTOP EQUIPMENT TO BE LOCATED AT LEAST 42" MINIMUM FROM TOWERS FOR SERVICING

14. PROVIDE SERVICE PAD AT EACH UNIT ONLY AT SERVICE ACCESS DOOR

15. ALL GAS PIPING ON ROOF TO BE PAINTED SAFETY YELLOW

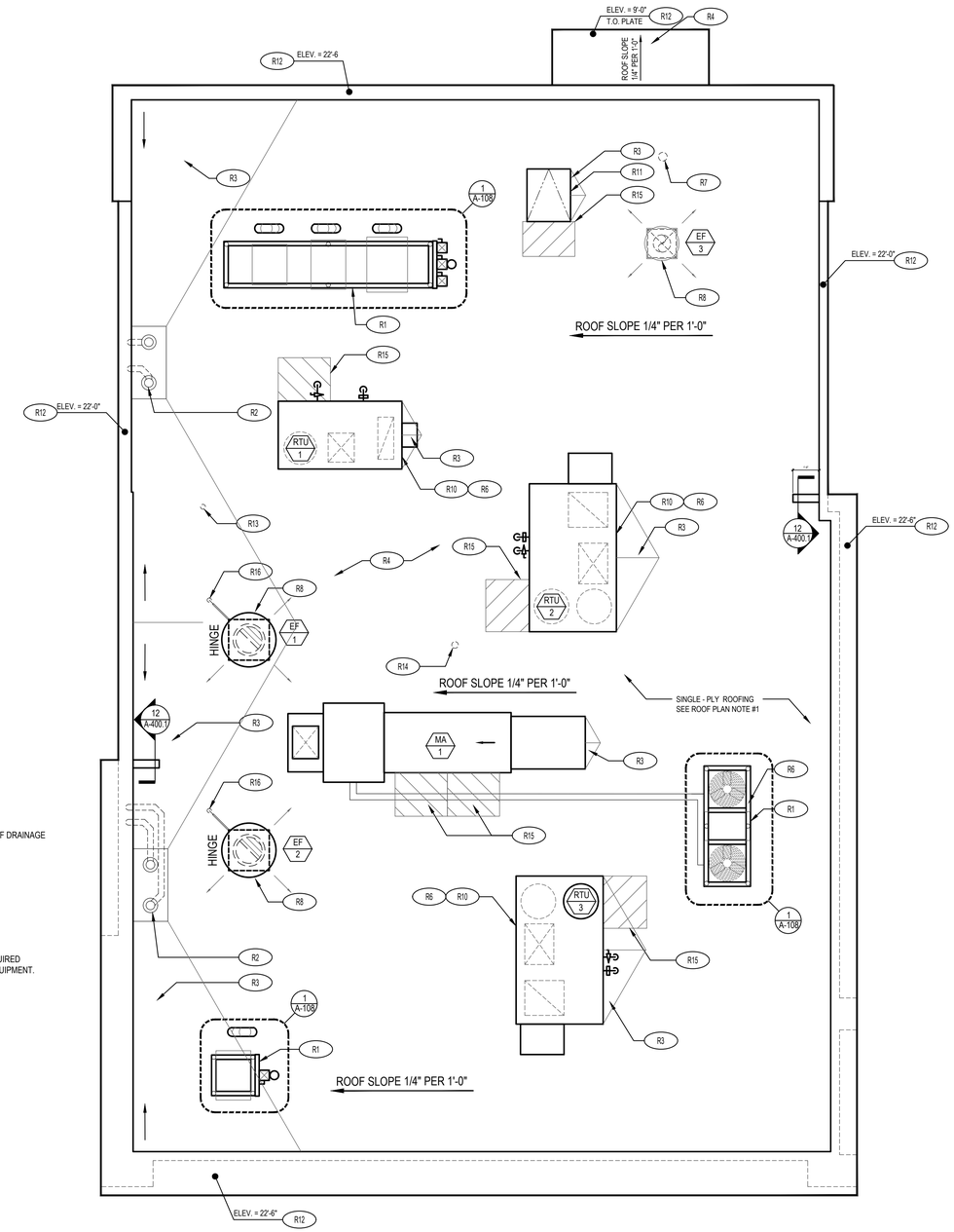
ROOF PLAN KEYNOTES:

- R1 REF: EQUIPMENT RACK (SEE SHEET A-108)
- R2 4" ROOF DRAIN AND OVERFLOW DRAIN (15 / A-107)
- R3 TAPERED ROOF INSULATION CRICKET TO ASSURE POSITIVE ROOF DRAINAGE
- R4 SINGLE - PLY ROOFING SEE ROOF PLAN NOTE #1
- R5 NOT USED
- R6 ROOF TOP MECHANICAL UNIT SEE MECHANICAL DRAWING
- R7 WATER HEATER VENT - SEE MEP PLANS. OFFSET VENTS AS REQUIRED TO MAINTAIN MIN. 10'-0" AWAY FROM AIR INTAKE SYSTEMS ON EQUIPMENT.
- R8 EXHAUST FAN
- R10 MECHANICAL UNIT CURB. SEE DETAIL 14/A-107
- R11 ROOF ACCESS HATCH LOCATE BETWEEN 2 ADJACENT TRUSSES (16 / A-107)
- R12 TOP OF PLATE - REF. STRUCTURAL
- R13 PLUMBING VENT (13 / A-107)
- R14 WEATHER PROOF HYDRANT
- R15 PROVIDE WALK-WAY PAD AS SHOWN, REFERENCE DETAIL 4/A-107
- R16 POWER SUPPLY LOCATION FOR ROOFTOP EXHAUST FANS FOR KITCHEN HOOD



ROOF WALKWAY PAD DETAIL 4

Scale= NTS A-107



ROOF PLAN 1

Scale= 1/4" = 1'-0" A-107

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REVISIONS:

ISSUE DATE:

1	05.18.2022 ISSUE FOR PERMIT
2	06.22.2022 ISSUE FOR BID

DRAWN BY: KRT

PANDA PROJECT #: - S823-D20180
C&P PROJECT #: - 2220195

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A-107

ROOF PLAN

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