

GENERAL NOTES

- BOUNDS OF SCOPE OF WORK ARE TO THE EXTENT REQUIRED TO COMPLETE THE WORK.
- REFER TO CIVIL AND MEP FOR UTILITIES AND ACCESS POINTS. REFER TO CIVIL AND LANDSCAPE FOR MORE INFORMATION.

ZONING LEGEND

*ZONING DISTRICT: INSTITUTIONAL *LAND USE: I

FEMA FLOOD ZONE: FLOOD ZONE X (BASED ON SURVEY) BASE FLOOD ELEVATION (BFE): NA FOR ZONE X

GROSS LOT AREA: 128,587 S.F. (2.95 ACRES) BUILDING FOOTPRINT: 12,881 S.F. GROSS BUILDING AREA: 19,621 S.F.

**BUILDING HEIGHT: 35' ALLOWED, 31" PROPOSED

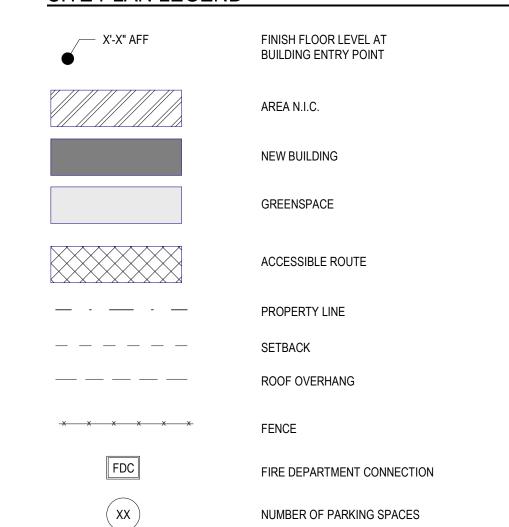
***BUILDING SETBACKS:

FRONT YARD (EAST) 25' REQ., 86' PROPOSED 10' REQ., 29' 6" NORTH, 242' 2" SOUTH PROPOSED SIDE YARD (NORTH, SOUTH) REAR YARD (WEST) 25' REQ., 86' PROPOSED

****9.01.01 - PERMITTED PERMANENT SIGNS:
MONUMENT SIGN REQ, 1 SF FOR EVERT 2 LINEAR FEET OF FRONTAGE - 100 SF MAX PROPOSED, 72 SF

REQ, 20% OF WALL FACE AREA FRONTING ON THE MAIN STREET **BUILDING SIGN** PROPOSED, 4%

SITE PLAN LEGEND



	SPECIFIC KEYNOTES - SITE
NUMBER	TEXT
AS02	LIGHT POLE, REFER TO ELECTRICAL
AS03	FIRE HYDRANT, REFER TO FIRE PROTECTION
AS04	MONUMENT SIGN. REFER TO STRUCTURAL
AS07	CHAINLINK TRASH ENCLOSURE. DELEGATED DESIGN. SEE SHEET G-107 FOR REFERENCE.
AS10	RELOCATED FLAG POLE
AS12	POWDER COATED ROUND TUBE WAVE BICYCLE RACK. SHOULD FIT 6 BIKES. COLOR: TBD BY OWNER
AS16	EXTERIOR LIGHT FIXTURE, REFER TO ELECTRICAL
AS19	CONCRETE DRIVE, REFER TO CIVIL
AS20	6" CONCRETE FILLED STEEL PIPE BOLLARD, REFER STRUCTURAL, CIVIL, AND SPECS
AS21	LIGHT POLE, REFER TO ELECTRICAL
AS23	NEW STRIPPING PAVEMENT MARKINGS. COORDINATE LOCATION AND COLOR WITH OWNER.
AS35	STORM MAN HOLE DRAIN. REFER TO CIVIL.

PARKING COUNT - FIRE STATION

TAINING COUNT - LINE STATION											
USE	REQUIREMENT	TOTAL REQ.	PROVIDED	H.C. REQ.	H.C. PROV.	BICYCLE REQ.	BICYCLE PROV.				
BUSINESS OFFICE	2.84 PER 1000 SF OF AREA FOR BUSINESS	6	20	1	1	6	6				
DORMITORIES	1.23 PER DORM	11									

* PER INSTITUTE OF TRANSPORTATION ENGINEER PARKING GENERATION - 4TH EDITION * SIX BICYCLE SPACES REQUIRED PER 7.05.04 C

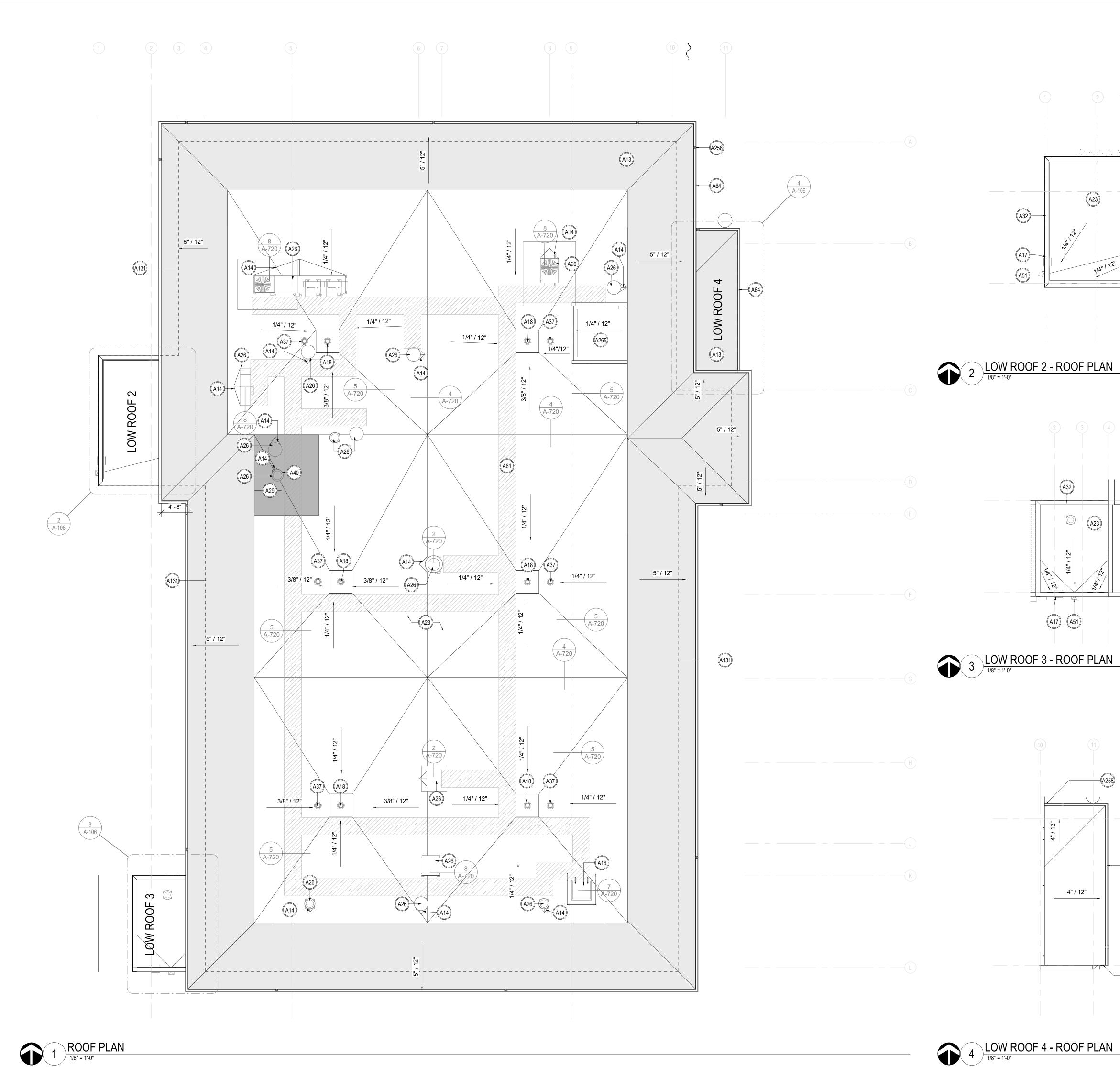
SITE FOUIPMENT

SITE EQUIPMENT									
ITEM#	DESCRIPTION	MANUFACTURER	MODEL#	PROVIDED BY	INSTALLED BY	REMARKS			
BK	BIKE RACK	TBD BY OWNER	TBD BY OWNER	OWNER	GC				
FL	FLAG POLE	TBD BY OWNER	TBD BY OWNER	OWNER	GC				
TR	LITTER RECEPTACLE WITH ASHTRAY	TBD BY OWNER	TBD BY OWNER	OWNER	GC	BASIS OF DESIGN: VICTOR STANLEY MODEL A-24			

Project number 2241 DISTRIBUTION

SITE PLAN

A-001



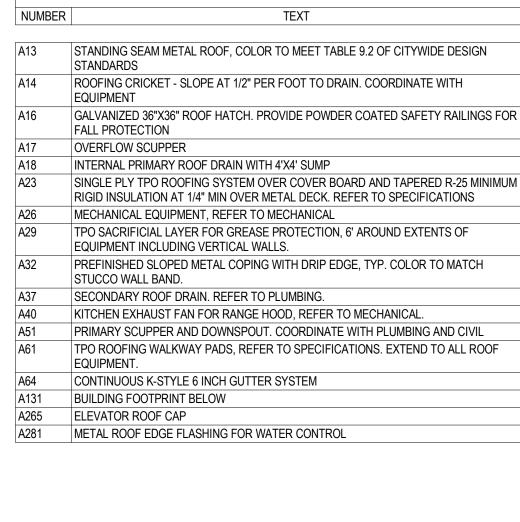


- PROVIDE ROOFING COMPONENTS AND MATERIALS APPROVED BY THE ROOFING PRODUCT MANUFACTURER. ASSEMBLE ROOFING COMPONENTS INCLUDING FLASHING, ROOF DRAINS, ETC. PER THE ROOFING PRODUCT MANUFACTURER'S DETAILS AND INSTRUCTIONS SO AS TO QUALIFY FOR, AND RECEIVE MANUFACTURERS WEATHER-TIGHTNESS WARRANTY AS WELL AS A SPECIAL 2-YEAR PROJECT WARRANTY FROM THE ROOFING INSTALLER COVERING ALL COMPONENTS OF THE ROOFING SYSTEM SUCH AS ROOFING, BASE FLASHING, ROOF INSULATION, FASTENERS, COVER BOARDS, ETC. REFER TO SPECIFICATIONS FOR ROOFING SYSTEM, STANDARDS, AND WARRANTY INFORMATION.
- ROOF INSULATION IS R VALUE MINIMUM ACHEIVED AT ALL POINTS OF ROOF. R VALUE IS NOT AVERAGE OF ROOF.
- PROVIDE METAL ROOF COPINGS AND PARAPET FASCIAS FABRICATED OF ASTM B209 0.050-INCH ALUMINUM SHEET. COMPLY WITH "THE NRCA ROOFING MANUAL" AND THE SMACNA "ARCHITECTURAL SHEET METAL MANUAL REQUIREMENTS FOR DIMENSIONS AND PROFILES SHOWN UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED. PROVIDE MANUFACTURER'S 20-YEAR FINISH WARRANTY. SECURE COPINGS TO PARAPETS WITH CONT ALUMINUM CLEATS.
- PROVIDE GALVANIZED STEEL INTERNALLY REINFORCED ROOF-CURB UNITS CAPABLE OF SUPPORTING SUPERIMPOSED LIVE AND DEAD LOADS, INCLUDING EQUIPMENT LOADS, WITH WELDED OR MECHANICALLY FASTENED, NON-SAG SEALED JOINTS AND INTEGRALLY FORMED DECK-MOUNTING FLANGE AT PERIMETER BOTTOM. COORDINATE DIMENSIONS WITH ROUGHING-IN INFORMATION ON SHOP DRAWINGS OF EQUIPMENT TO BE
- REFER TO SPECIFICATIONS AND PLUMBING FOR ROOF DRAINS.
- REFER TO SPECIFICATIONS FOR ROOF HATCH.
- GENERAL IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PROVIDE FOR A COMPLETE AND WEATHERTIGHT INSTALLATION OF ALL ROOF ITEMS, PENETRATIONS, ETC. THE CONTRACTOR SHALL PROVIDE ALL ROOF ACCESSORIES, FLASHING, SEALANT, SCUPPERS, DRAINS, LABOR, MATERIALS, EQUIPMENT, ETC. REQUIRED FOR COMPLETION OF A WEATHERTIGHT ROOF INSTALLATION. FOLLOW ALL RECOMMENDATIONS OF THE NRCA REGARDING INSTALLATION PROCEDURES, UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.
- ELEVATIONS LOCATIONS THAT ARE NOTED THUS (+5") INDICATE THICKNESS OF ROOF INSULATION BOARD ABOVE THE TOP OF STRUCTURAL ROOF DECK OR CONCRETE SLAB, NOT INCLUDING THE PROTECTION BOARD THICKNESS, IF ANY.
- SLOPE ROOF SURFACE SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT IN A PERPENDICULAR DIRECTION FROM THE ROOF EDGE DOWN TOWARD THE ROOF DRAINS AS INDICATED BY THE ARROWS DRAWN ON THE ROOF PLAN. WHERE REQUIRED TO FACILITATE DRAINAGE, PROVIDE VALLEYS, CRICKETS, RIDGES, ETC. OF REQUIRED SLOPE TO PROPERLY DRAIN ALL ROOF SURFACES.
- ROOF DRAINS COORDINATE LOCATION OF ALL ROOF DRAINS TO AVOID RATED WALLS, BEAMS, COLUMNS, JOISTS, ETC. BELOW.
- PENETRATIONS PROPERLY FLASH, WATERPROOF, SECURE AND SEAL ALL ITEMS THAT PENETRATE THE ROOF MEMBRANE. DO NOT INSTALL ANY PITCH POCKETS. FOLLOW GUIDELINES OF NRCA CONCERNING FLASHING AND WATERPROOFING ALL ROOF PENETRATIONS. SEE ROOF DETAILS.
- ROOF EQUIPMENT MOUNT ALL ROOF EQUIPMENT ON PREFABRICATED EQUIPMENT SUPPORT CURBS WITH INTEGRAL INSULATION. WHERE EQUIPMENT IS RAISED ABOVE ROOF SURFACE, ALIGN SUPPORTS PARALLEL TO DIRECTION OF WATERFLOW TO FACILITATE DRAINAGE. VERIFY ALL REQUIREMENTS WITH EQUIPMENT AND CURB MANUFACTURERS. WHERE ROOF MEMBRANE EXTENDS BENEATH EQUIPMENT, MOUNT EQUIPMENT ABOVE THE ROOF SURFACE IN ACCORDANCE WITH BUILDING CODE AND NRCA REQUIREMENTS TO ALLOW FOR INSTALLATION OF ALL REQUIRED ROOFING COMPONENTS AND TO ALLOW FOR FUTURE OWNER MAINTENANCE.
- 12. REFER TO ROOF DIMENSION PLAN FOR DIMENSIONS.

4" / 12"

ROOF SLOPE MINIMUM 1/4" PER FOOT. CRICKETS AND SADDLES SLOPE 1/2" MINIMUM. OVERFLOW DRAINS TO BE 4 INCHES ABOVE FINISHED ROOF TYP. ROOF DRAIN SUMP TO BE 4 FEET BY 4 FEET WITH OVERFLOW DRAIN LOCATED OUTSIDE OF SUMP 4 FEET FROM PRIMARY DRAIN.

SPECIFIC KEYNOTES - ROOF



STATION FIRE DR. MILNER

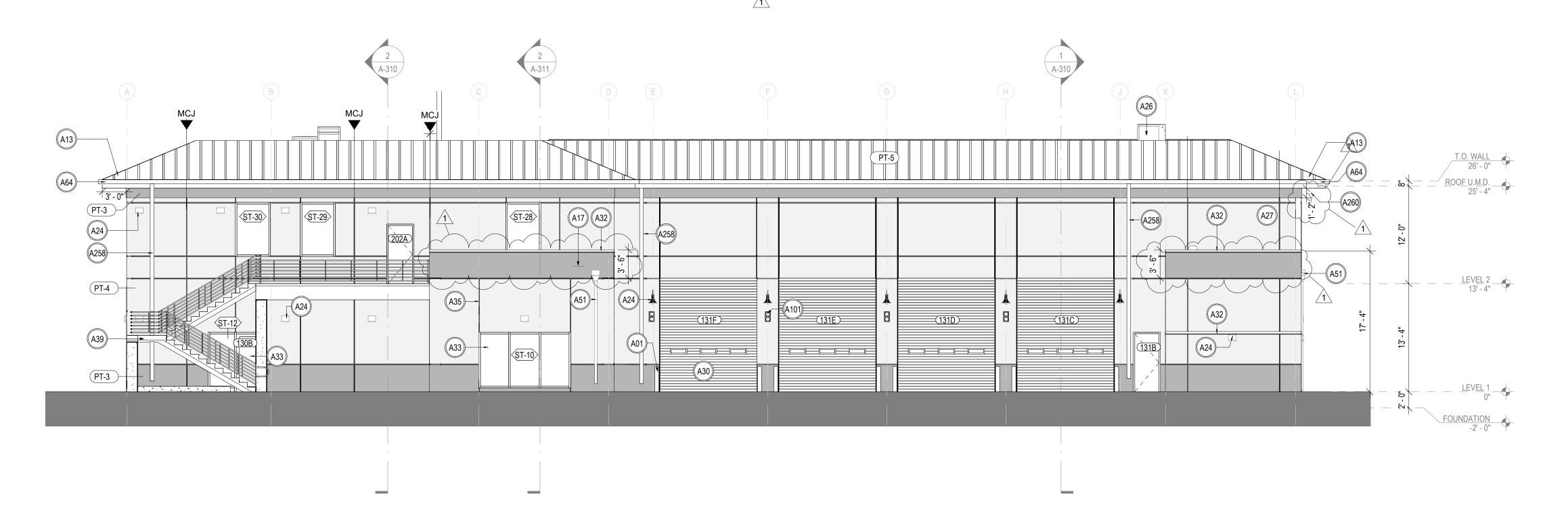
ST Project number 2241

DISTRIBUTION

LEVEL 3 - ROOF PLAN



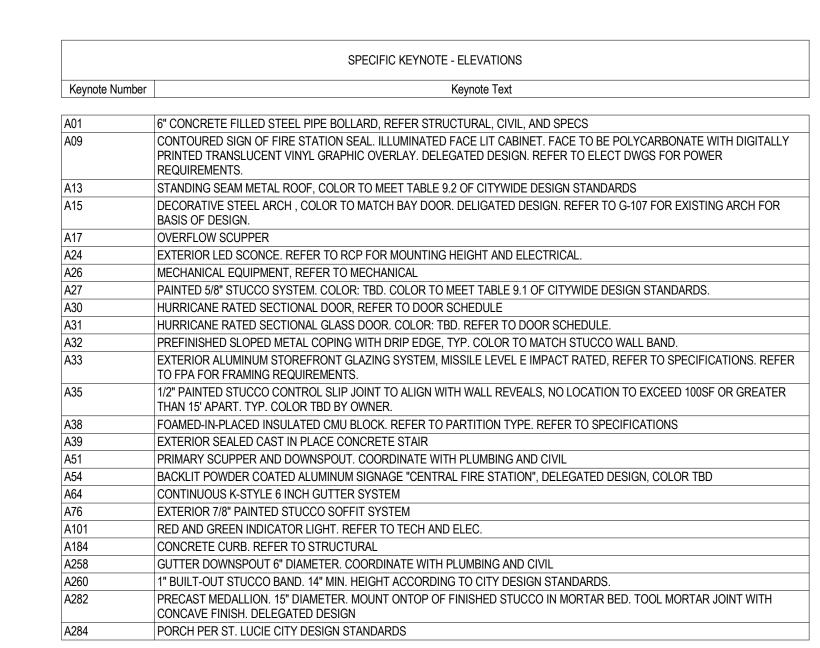
* FRONT FACADE TRANSPARENCY AREA BETWEEN 2 AND 8 FT AFF EQUALS 601 SF OUT 1229 SF (49% TRANSPARENCY)



WEST ELEVATION

1/8" = 1'-0"

* BACK FACADE TRANSPARENCY AREA BETWEEN 2 AND 8 FT AFF EQUALS 481 SF OUT OF 1229 SF (39% TRANSPARENCY)



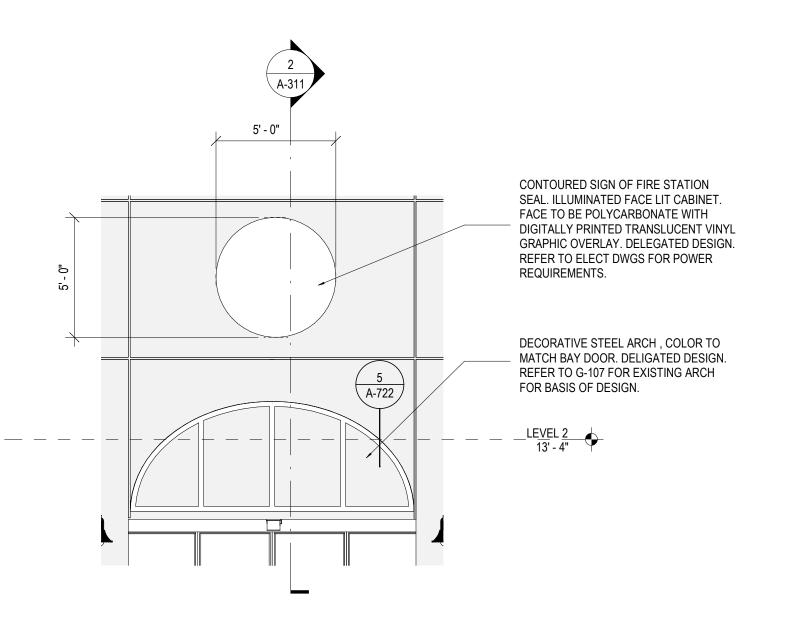
FINISH LEGEND

PT-3 DESCRIPTION: EXTERIOR PAINT ON STUCCO MANUFACTURER: SHERWIN WILLIAMS COLOR: CITYSCAPE SW7067 REMARKS: CONFORMS TO ST. LUCIE DESIGN STANDARDS- APPENDIX A

PT-4 DESCRIPTION: EXTERIOR PAINT ON STUCCO

MANUFACTURER: SHERWIN WILLIAMS COLOR: ARGOS SW7065 REMARKS: CONFORMS TO ST. LUCIE DESIGN STANDARDS- APPENDIX A

PT-5 DESCRIPTION: COLOR FOR STANDING SEAM ROOF MANUFACTURER: DYNAMIC METALS COLOR: PRE-WEATHERED GALVALUME REMARKS: FASCIA TO MATCH. CONFORMS TO ST. LUCIE DESIGN STANDARDS - ROOF COLOR CHART. 9.2.1



EAST ELEVATION - ENLARGED FACADE

10-1 ARCHITECTURAL ELEMENTS REQUIRED PER ST. LUCIE CITYWIDE DESIGN STANDARDS

FUTURE LAND USE DESIGNATION NUMBER OF REQUIRED ARCHITECTURAL ELEMENTS

CG, CL, CH, ROI, I, MU, O 5 plus 1 additional element if parking is located at front of building CS, LI, HI, PIP 3 plus 1 additional element if parking is located at front of building RL, RM, RH,RGC 4 plus 1 additional element if parking is located at front of building

KEYNOTE | ARCHITECTURAL ELEMENT

STANDING SEEAM METAL ROOF. VERTICAL. RECTABGULAR WINDOWS - AT LEAST 50% OF WINDOW AREA ON FRONT BUILDING FACE.

SLOPED PRIMARY ROOF WITH AN OVERHANG THAT IS AT LEAST 3 FEET.

PORCH/PORTICO EXPRESSION LINES THAT COVER AT LEAST 30% OF ONE SIDE OF A BUILDING FACE AREA (1/2" WIDE AND DEEP, MIN.) MEDALLIONS (ON FRONT AND AT LEAST ONE SIDE)

MILESTONE PERMIT 4/13/23

A-301

STATION FIRE DR.

ST

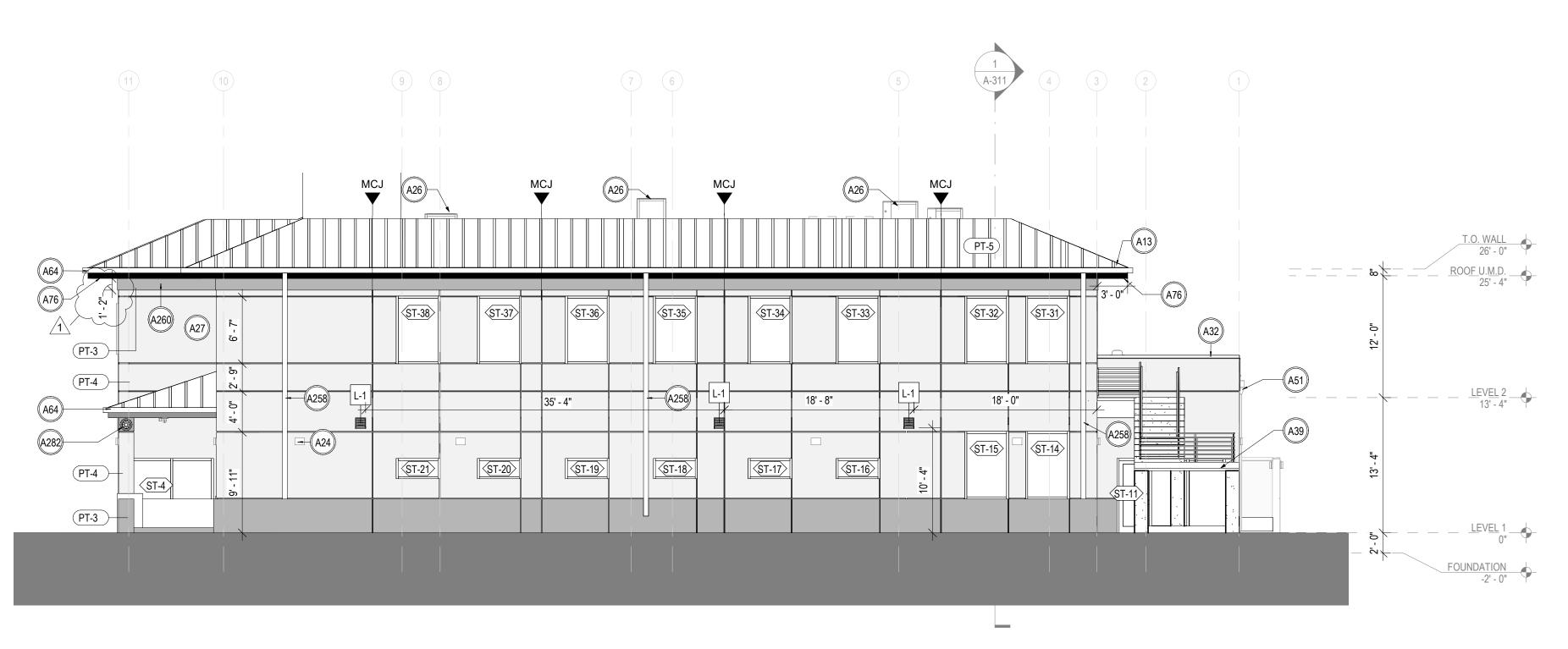
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Project number 2241

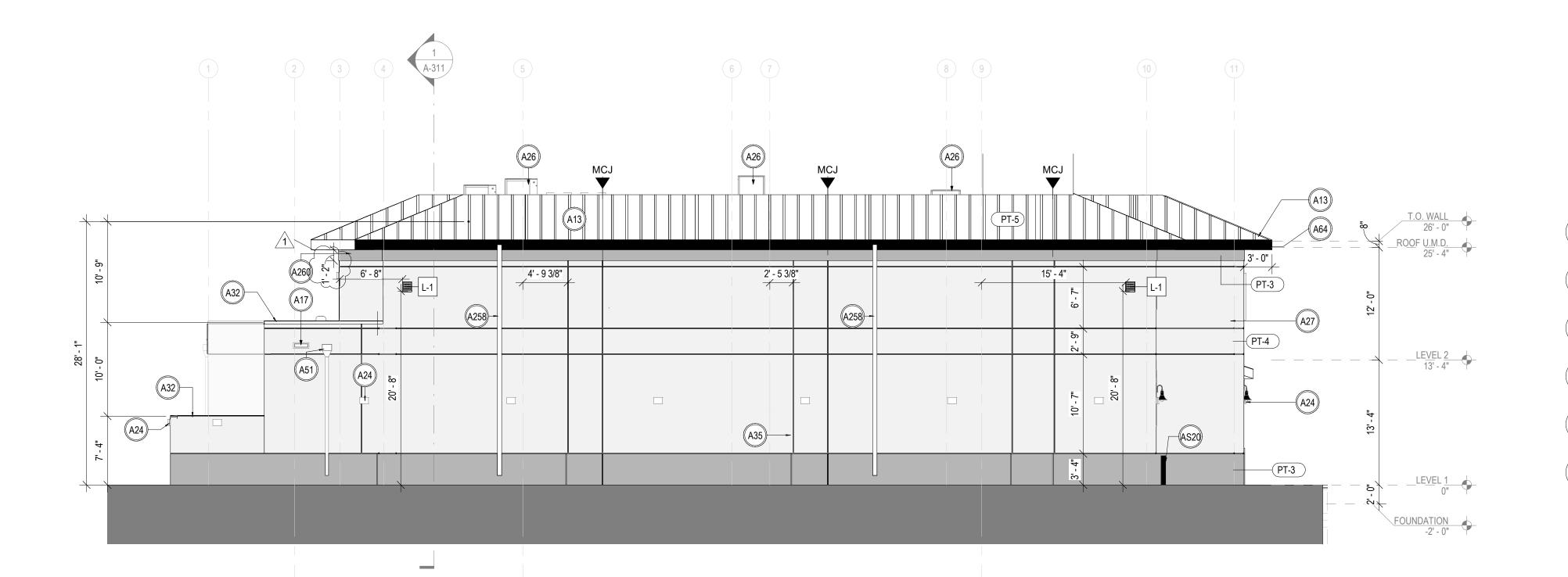
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EXTERIOR ELEVATIONS



NORTH ELEVATION

*ST. LÚCIE CITY DESIGN STANDARDS- SIDE FACADES THAT DO NOT FACE A STREET, DRIVEWAY, OR PARKING LOT DO NOT NEED TO MEET 20% TRANSPARENCY.



2 SOUTH ELEVATION

1/8" = 1'-0"

*ST. LUCIE CITY DESIGN STANDARDS- SIDE FACADES THAT DO NOT FACE A STREET, DRIVEWAY, OR PARKING LOT DO NOT NEED TO MEET 20% TRANSPARENCY.

SPECIFIC KEYNOTE - ELEVATIONS Keynote Text Keynote Number 6" CONCRETE FILLED STEEL PIPE BOLLARD, REFER STRUCTURAL, CIVIL, AND SPECS CONTOURED SIGN OF FIRE STATION SEAL. ILLUMINATED FACE LIT CABINET. FACE TO BE POLYCARBONATE WITH DIGITALLY PRINTED TRANSLUCENT VINYL GRAPHIC OVERLAY. DELEGATED DESIGN. REFER TO ELECT DWGS FOR POWER STANDING SEAM METAL ROOF, COLOR TO MEET TABLE 9.2 OF CITYWIDE DESIGN STANDARDS DECORATIVE STEEL ARCH, COLOR TO MATCH BAY DOOR. DELIGATED DESIGN. REFER TO G-107 FOR EXISTING ARCH FOR BASIS OF DESIGN. OVERFLOW SCUPPER EXTERIOR LED SCONCE. REFER TO RCP FOR MOUNTING HEIGHT AND ELECTRICAL. MECHANICAL EQUIPMENT, REFER TO MECHANICAL PAINTED 5/8" STUCCO SYSTEM. COLOR: TBD. COLOR TO MEET TABLE 9.1 OF CITYWIDE DESIGN STANDARDS. HURRICANE RATED SECTIONAL DOOR, REFER TO DOOR SCHEDULE HURRICANE RATED SECTIONAL GLASS DOOR. COLOR: TBD. REFER TO DOOR SCHEDULE. PREFINISHED SLOPED METAL COPING WITH DRIP EDGE, TYP. COLOR TO MATCH STUCCO WALL BAND. EXTERIOR ALUMINUM STOREFRONT GLAZING SYSTEM, MISSILE LEVEL E IMPACT RATED, REFER TO SPECIFICATIONS. REFER TO FPA FOR FRAMING REQUIREMENTS. 1/2" PAINTED STUCCO CONTROL SLIP JOINT TO ALIGN WITH WALL REVEALS, NO LOCATION TO EXCEED 100SF OR GREATER THAN 15' APART. TYP. COLOR TBD BY OWNER. FOAMED-IN-PLACED INSULATED CMU BLOCK. REFER TO PARTITION TYPE. REFER TO SPECIFICATIONS EXTERIOR SEALED CAST IN PLACE CONCRETE STAIR PRIMARY SCUPPER AND DOWNSPOUT. COORDINATE WITH PLUMBING AND CIVIL BACKLIT POWDER COATED ALUMINUM SIGNAGE "CENTRAL FIRE STATION", DELEGATED DESIGN, COLOR TBD CONTINUOUS K-STYLE 6 INCH GUTTER SYSTEM EXTERIOR 7/8" PAINTED STUCCO SOFFIT SYSTEM RED AND GREEN INDICATOR LIGHT. REFER TO TECH AND ELEC. CONCRETE CURB. REFER TO STRUCTURAL GUTTER DOWNSPOUT 6" DIAMETER. COORDINATE WITH PLUMBING AND CIVIL 1" BUILT-OUT STUCCO BAND. 14" MIN. HEIGHT ACCORDING TO CITY DESIGN STANDARDS. PRECAST MEDALLION. 15" DIAMETER. MOUNT ONTOP OF FINISHED STUCCO IN MORTAR BED. TOOL MORTAR JOINT WITH CONCAVE FINISH. DELEGATED DESIGN

FINISH LEGEND

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DESIGN STANDARDS- APPENDIX A

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PORCH PER ST. LUCIE CITY DESIGN STANDARDS

10-1 ARCHITECTURAL ELEMENTS REQUIRED PER ST. LUCIE CITYWIDE DESIGN STANDARDS

FUTURE LAND USE DESIGNATION NUMBER OF REQUIRED ARCHITECTURAL ELEMENTS

CG, CL, CH, ROI, I, MU, O 5 plus 1 additional element if parking is located at front of building CS, LI, HI, PIP 3 plus 1 additional element if parking is located at front of building

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KEYNOTE ARCHITECTURAL ELEMENT STANDING SEEAM METAL ROOF.

VERTICAL, RECTABGULAR WINDOWS - AT LEAST 50% OF WINDOW AREA ON FRONT BUILDING FACE.

SLOPED PRIMARY ROOF WITH AN OVERHANG THAT IS AT LEAST 3 FEET.

EXPRESSION LINES THAT COVER AT LEAST 30% OF ONE SIDE OF A BUILDING FACE AREA (1/2" WIDE AND DEEP, MIN.)
MEDALLIONS (ON FRONT AND AT LEAST ONE SIDE)

FIRE STATION LUCIE MILNER DR.

ST.

ST. 5160 Project number 2241

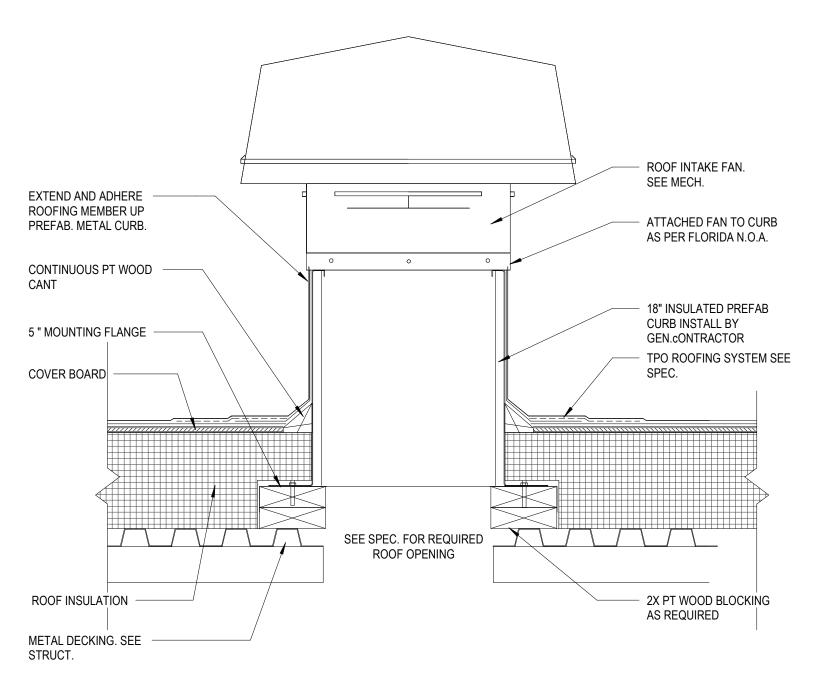
DISTRICT

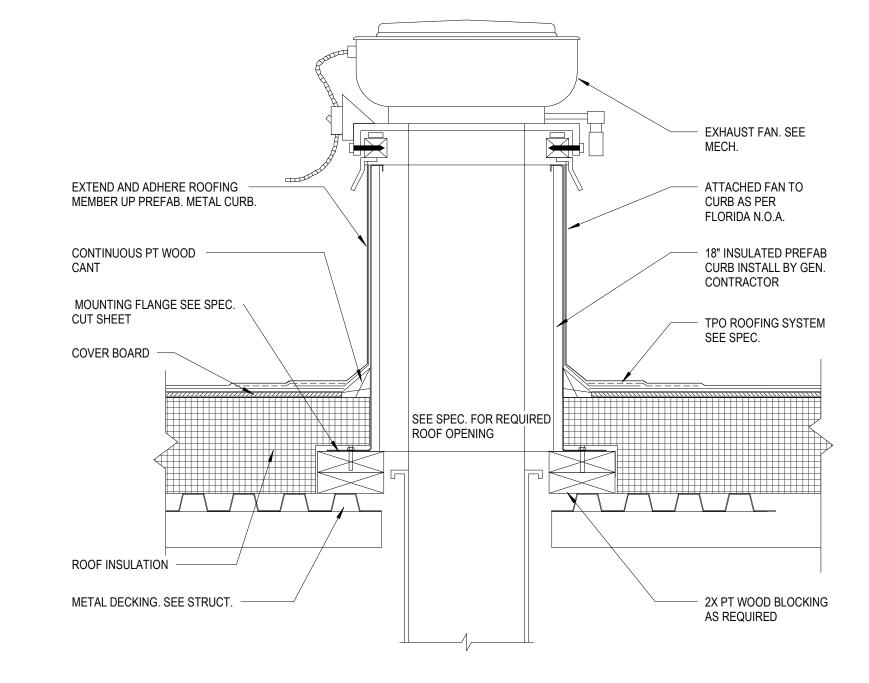
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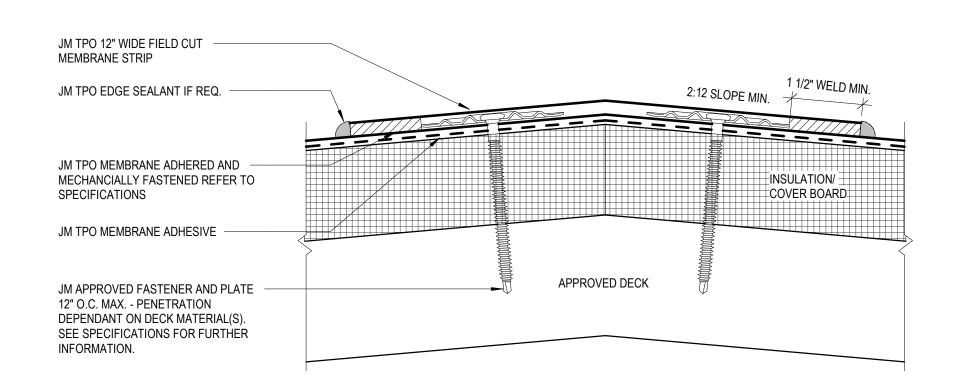
EXTERIOR ELEVATIONS

A-302





DETAIL - ROOF GRAVITY INTAKE



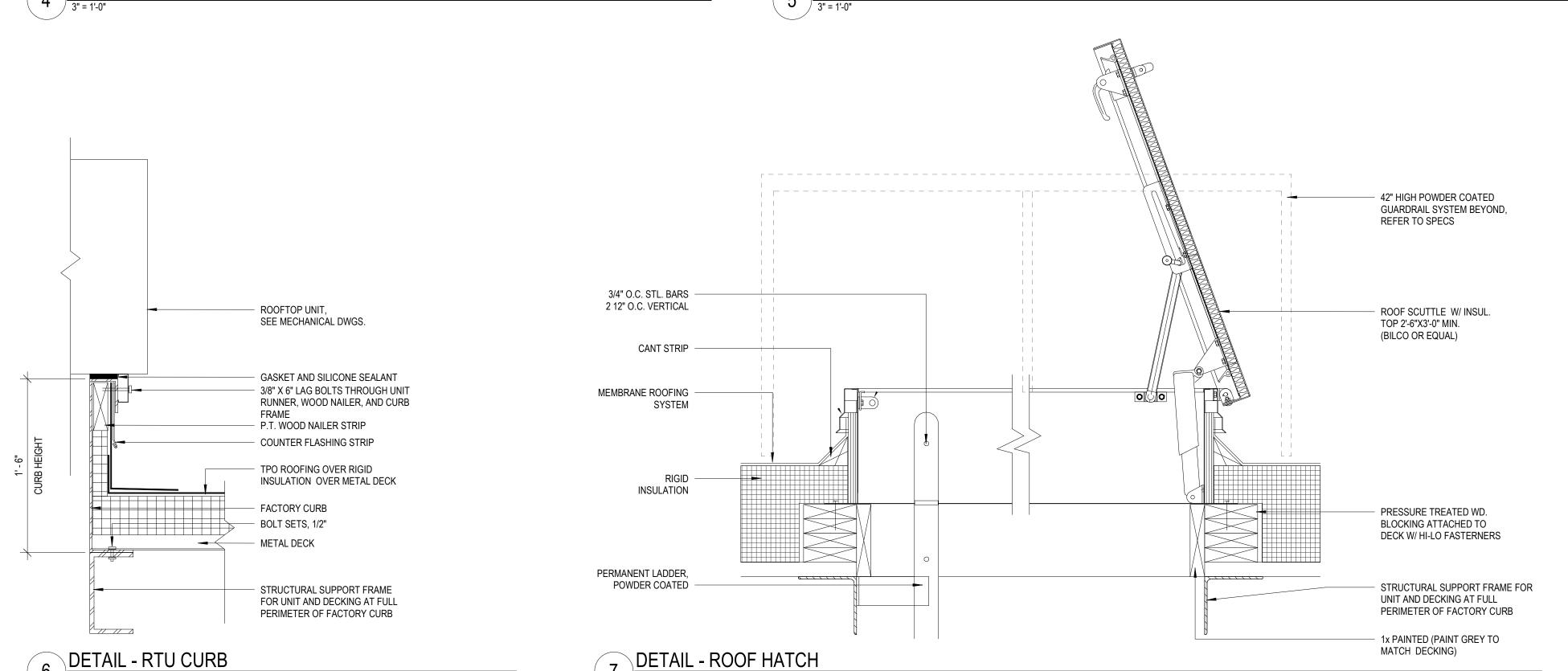
- 1. REFER TO JOHNS MANVILLE WEBSITE FOR MOST UP TO DATE INFORMATION. 2. PLEASE SEE SINGLE PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL. 3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/ OR PROJECT
- SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL. 4. JM TPO EDGE SEALANT IS REQUIRED ON ALL CUT OR NON-ENCAPSULATED EDGES OF REINFORCED MEMBRANE. THIS INCLUDES FACTORY CUT MEMBRANE.
- DETAIL ROOF RIDGE

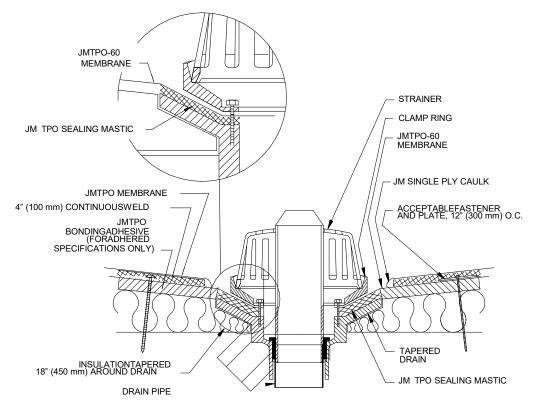
JM TPO MEMBRANE ADHERED AND 1 1/2" MIN. WELD CONT MECHANICALLY FASTENED REFER SPECIFICATIONS. 2:12 SLOPE MIN. JM APPROVED FASTENER AND PLATE 12" MAX. - PENETRATION DEPENDANT ON DECK MATERIAL(S). SEE SPECIFICATIONS FOR FURTHER INSULATION/ COVER BOARD INFORMATION. JM TPO EDGE SEALANT IF REQ. TPO MEMBRANE SHEET IN VALLEY APPROVED DECK ADHERED

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DETAIL - ROOF VALLEY



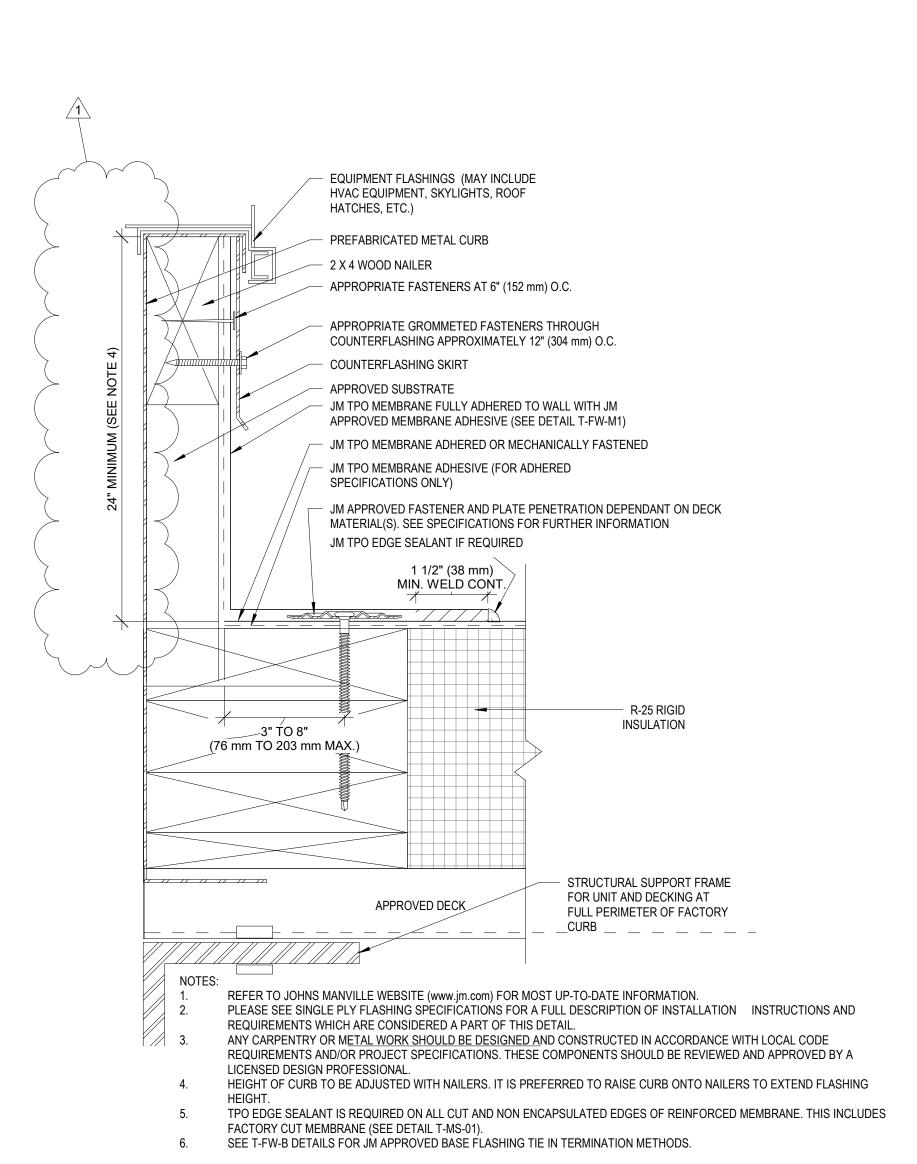


1. DETAILSTO BE USED IN CONJUNCTION WITH GUIDE SPECIFICATIONS CONTAINING REQUIREMENTS FOR NAILERS, 2. JM SINGLE PLY CAULK IS USED TO SEAL THE MEMBRANE EDGES WHERE REINFORCING FABRIC IS CUT AND

EXPOSED. EDGE SEALANT IS REQUIRED ON ALL END LAPS, T-JOINTS, AND FIELD CUT EDGES. 3. FIELD MEMBRANE SEAMS MUST NOT RUN THROUGH DRAIN BOWL. 4.ALL MEMBRANE CUTS MUST BE ROUNDED TO PREVENTTEARING.

6. SUMP AREA MUST BE PROPERLYTAPERED SO THATTHE DRAIN FLASHING IS NOT INSTALLED UNDER TENSION. 7. INSULATION MUST BE COMPATIBLEWITH JM TPO BONDING ADHESIVE.

5. REPLACEANY BROKEN COMPONENTS (DRAINS, RINGS, BOLTS, ETC.)



8 PREFABRICATED METAL CURB BASE FLASHING

***CONFORMS TO ST. LUCIE CITY DESIGN STANDARDS - 5.4.2 PARAPET HEIGHT REQUIREMENTS

ST Project number 2241

DISTRIBUTION

ENCLOSURE DETAILS