

REBID
HAWTHORN CHILDREN'S PSYCHIATRIC HOSPITAL
REPLACE ROOF,
ADMINISTRATION BUILDING
ST. LOUIS, MISSOURI

DRAWING SHEET INDEX		
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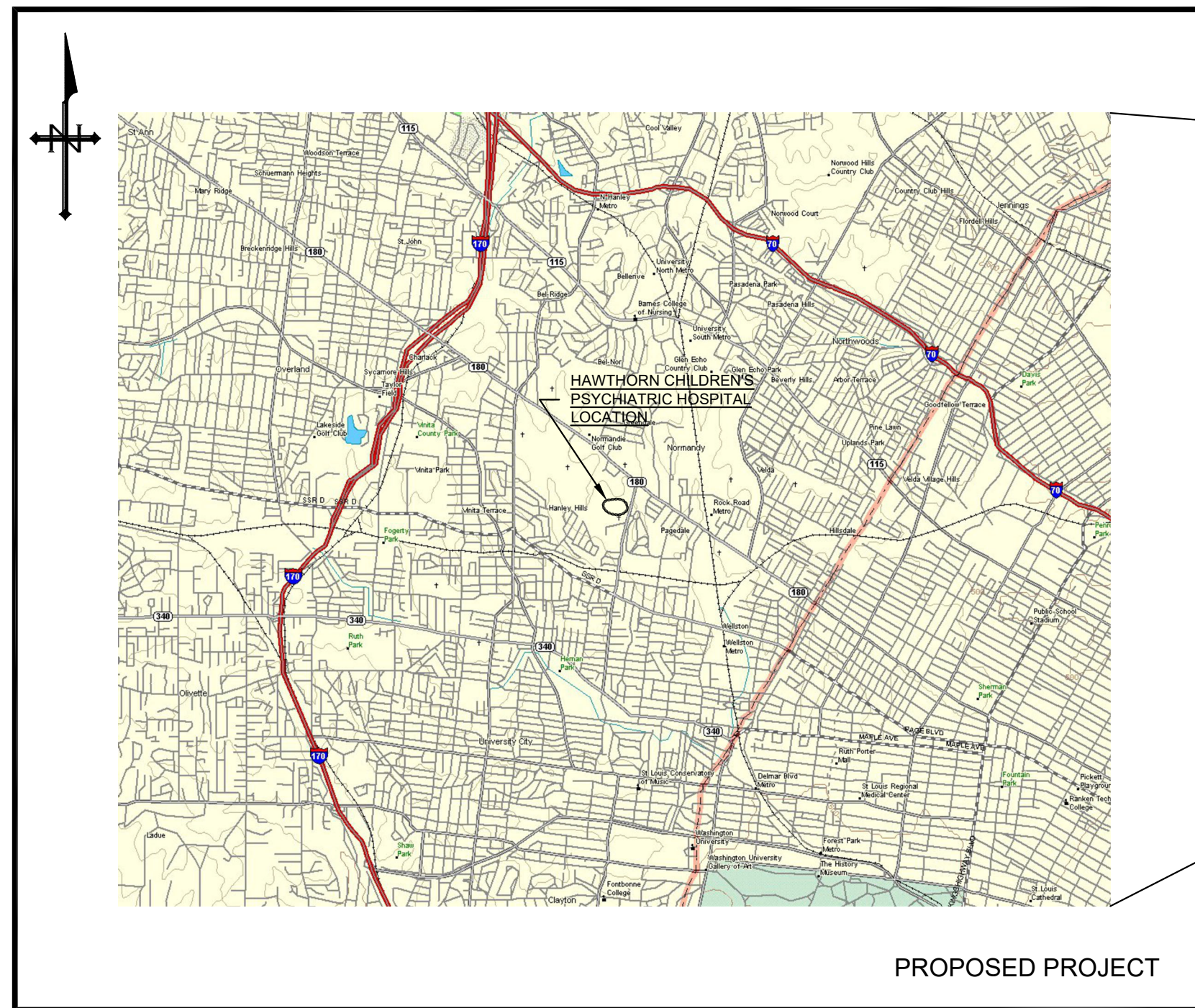
OWNER: STATE OF MISSOURI
MIKE KEHOE, GOVERNOR

DEPARTMENT OF
MENTAL HEALTH

PROJECT MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

UNDERGROUND UTILITY NOTE

ANY UNDERGROUND FACILITIES, STRUCTURES, OR UTILITIES THAT HAVE BEEN SHOWN ARE FROM AVAILABLE RECORDS. THEREFORE, THE RELATIONSHIP BETWEEN THE NEW WORK AND THE EXISTING FACILITIES, STRUCTURES, OR UTILITIES MUST BE CONSIDERED APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL THE LOCAL AND/OR GOVERNING UTILITY COMPANIES OF ANY RESTRICTIONS TO DETERMINE THEIR EXACT LOCATIONS AND THE EXISTENCE OF ANY NOT SHOWN. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND THE OWNER AS TO THE RELOCATION OR REMOVAL OF ANY UTILITIES SHOWN OR NOT SHOWN



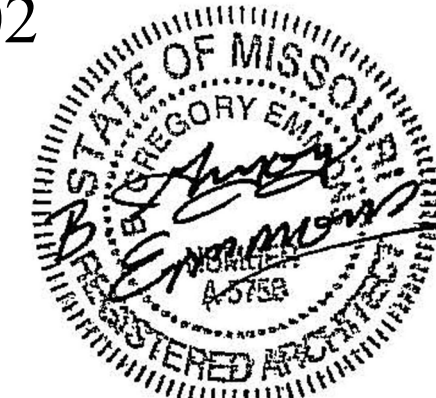
VICINITY MAP



DESIGNER: HURST-ROSCHKE, INC.

PROJECT NUMBER: M2416-01

SITE NUMBER: 7390
ASSET NUMBER: 6517390002



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SHEET NUMBER:

G-001

01 OF 07 SHEETS
August 12, 2025

ABBREVIATIONS		GENERAL NOTES:
ADMIN	ADMINISTRATION	1. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, ARCHITECT/ENGINEER, AND OTHER TRADES/CONTRACTORS THROUGHOUT THE COURSE OF THE PROJECT.
ARCH	ARCHITECT (URAL)	2. CONTRACTOR SHALL COORDINATE W/ OWNER FOR ALL OWNER RELATED SCHEDULES, PROCEDURES, CLEARANCES & REQUIREMENTS TO ACCESS THE OWNER'S FACILITIES. SUCH PROCEDURES ARE INCIDENTAL TO THE CONTRACT AND SHALL NOT RESULT IN EXTRA COSTS TO THE OWNER.
CL	CENTER LINE	3. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER PRIOR TO STARTING WORK INCLUDING CONTRACTOR LAYDOWN/STAGING AREA IN THE PARKING LOT, AS WELL AS ACCESS TO BUILDING ROOF EDGE FROM THE GROUND DURING TEAR OFF & MATERIAL DELIVERY.
CONST	CONSTRUCTION	4. THE CONTRACTOR SHALL TAKE NOTE OF ALL EXISTING SITE CONDITIONS AND BE PREPARED TO MOVE OR DISPOSE OF OBJECTS OR MATERIALS WITHIN THE LIMITS OF THE PROJECT. SUCH WORK SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE.
CONT	CONTINUOUS	5. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND MAKE MINOR ADJUSTMENTS AS NECESSARY. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES WHICH MAY AFFECT THE OUTCOME OF THE WORK. DIMENSIONS SHOWN ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS NOTED OTHERWISE.
DWG	DRAWING	6. DIMENSIONS AND QUANTITIES NOTED ON DRAWINGS ARE FOR GENERAL INFORMATION ONLY. PRIOR TO SUBMITTING A BID PROPOSAL, THE CONTRACTOR SHALL THOROUGHLY SURVEY THE EXISTING SITE TO VERIFY EXISTING DIMENSIONS, CONDITIONS, AND DETERMINE ALL MATERIALS, LABOR, AND INCIDENTALS NEEDED FOR COMPLETION OF THE INTENDED CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND FIELD CONDITIONS PRIOR TO FABRICATION OR CONSTRUCTION; MAKE MINOR ADJUSTMENTS; AND NOTIFY THE ARCHITECT/ENGINEER OF ANY CONDITIONS THAT MAY AFFECT THE OUTCOME OF THE WORK.
EQUIP	EQUIPMENT	7. AFTER ALL WORK IS COMPLETED, CONTRACTOR SHALL CLEAN WORK AREAS SO THAT THEY ARE FREE OF ANY CONSTRUCTION MATERIALS, TOOL, DIRT AND DEBRIS. FINE GRADE, FERTILIZE, SEED AND STRAW ALL DISTURBED LAWN AREAS.
EXG	EXISTING	8. EXISTING SITE IMPROVEMENTS DISTURBED OUTSIDE THE DESIGNATED CONSTRUCTION AREAS ARE TO BE REPLACED WITH EQUAL OR BETTER CONSTRUCTION AT THE EXPENSE OF THE CONTRACTOR. EVERY EFFORT SHALL BE MADE TO MINIMIZE SUCH DISTURBANCES.
EXIST	EXISTING	9. INFORMATION NOTED ON DRAWINGS ARE FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENTIRE LAYOUT OF THE SITES AND ALL LOCATION AND DEPTHS OF EXISTING UTILITIES/COMMUNICATION LINES AND REQUIRED CLEARANCES VERTICAL/HORIZONTAL. CONTRACTOR SHALL MAKE ADJUSTMENTS TO ENSURE PROPER INSTALLATION OF REQUIRED WORK AT NO EXTRA COST TO THE OWNER.
HT	HEIGHT	10. EXISTING SITE VEGETATION AND CONSTRUCTION, SUCH AS SIDEWALKS, STOOPS, ETC., THAT ARE DISTURBED AND/OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUAL OR BETTER CONSTRUCTION AT THE EXPENSE OF THE CONTRACTOR. EVERY EFFORT SHALL BE MADE TO MINIMIZE SUCH DISTURBANCES AND DAMAGES.
MFR	MANUFACTURE (ER)	11. ALL ITEMS NOTED TO REMAIN SHALL NOT BE DISTURBED AND SHALL REMAIN IN PLACE. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY DISTURBANCES. IN THE EVENT EXISTING ITEMS ARE DISTURBED, CONTRACTOR SHALL REPAIR/REPLACE WITH EQUAL OR BETTER CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
MGR	MANAGER	12. PRIME CONTRACTOR FOR EACH BID SHALL COORDINATE REMOVAL, HAULING, AND LEGAL DISPOSAL OF ALL MATERIALS WITH SUBCONTRACTORS.
MIN	MINIMUM	13. CONTRACTOR SHALL MAINTAIN PROJECT SITE FREE FROM CONSTRUCTION DEBRIS AS REQUIRED BY THE OWNER. COORDINATE WITH THE OWNER.
NTS	NOT TO SCALE	14. ALL REFUSE AND DEBRIS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR. GENERAL CONTRACTOR SHALL COORDINATE REMOVAL, HAULING, AND LEGAL DISPOSAL OF ALL MATERIALS WITH SUBCONTRACTORS. CLEAN ALL WORK AREAS DAILY.
OC	ON CENTER	15. AFTER ALL WORK IS COMPLETED, CONTRACTOR SHALL CLEAN ALL AREAS AFFECTED BY CONSTRUCTION SO THAT THEY ARE FREE OF ANY CONSTRUCTION DIRT AND DEBRIS.
SIM	SIMILAR	16. GRADE, SEED AND STRAW ANY SITE AREAS DISTURBED BY CONSTRUCTION OF THIS PROJECT IN ANY WAY.
THRU	THROUGH	17. NEW WORK SHALL MATCH EXISTING ADJOINING CONSTRUCTION FOR A SMOOTH TRANSITION, EXCEPT WHERE NOTED.
TYP	TYPICAL	18. PROTECT EXISTING UTILITIES DURING CONSTRUCTION.
UNO	UNLESS NOTED OTHERWISE	19. CONTRACTOR SHALL NOTIFY OWNER AND ARCHITECT/ENGINEER PRIOR TO USE OF ANY SCAFFOLDING, LIFTS, SWING STAGES, ETC. USE OF SUCH MATERIALS AND EQUIPMENT SHALL MEET ALL FEDERAL, STATE, AND LOCAL SAFETY REGULATIONS AND ORDINANCES.
W/	WITH	20. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BUILDING/WORK PERMITS AND CERTIFICATION REQUIREMENTS. SUBMIT COPIES OF ALL PERMITS/CERTIFICATIONS TO A/E AND OWNER.
		21. RECONNECT ALL ITEMS THAT WERE DISCONNECTED DURING CONSTRUCTION. ENSURE ALL CONNECTIONS ARE SAFE AND WEATHER-TIGHT.
		22. ALL WORK PERFORMED & MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE W/ ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK. MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL OR STATED JURISDICTIONAL CODES, ORDINANCES AND REGULATIONS.
		23. THE TERM ARCHITECT, ENGINEER OR CONSULTANT ARE ALL SYNONYMOUS WITH THE TERM DESIGNER.
		24. IF DISCREPANCY ARISES BETWEEN INFORMATION IN THE SPECIFICATIONS AND THE INFORMATION ON THE DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY.

CODES ADOPTED BY ST. LOUIS COUNTY:

- (1) INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION, AS PUBLISHED BY THE ICC;
- (2) NATIONAL ELECTRIC CODE (NEC), 2014 EDITION;
- (3) INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2015 EDITION, AS PUBLISHED BY THE ICC;
- (4) INTERNATIONAL RESIDENTIAL CODE (IRC) FOR ONE- AND TWO-FAMILY DWELLINGS, 2015 EDITION, AS PUBLISHED BY THE ICC;
- (5) INTERNATIONAL MECHANICAL CODE (IMC), 2015 EDITION, AS PUBLISHED BY THE ICC;
- (6) INTERNATIONAL FUEL GAS CODE, 2015 EDITION (IMC), AS PUBLISHED BY THE ICC;
- (7) INTERNATIONAL ENERGY CONSERVATION CODE (IECC/IMC), 2015 EDITION, AS PUBLISHED BY THE ICC;
- (8) INTERNATIONAL PROPERTY MAINTENANCE CODE (IPMC), 2015 EDITION, AS PUBLISHED BY THE ICC;
- (9) INTERNATIONAL FIRE CODE (IFC), 2015 EDITION, AS PUBLISHED BY THE ICC;
- (10) UPC PLUMBING CODE (UPC), 2015 EDITION, AS PUBLISHED BY THE IAPMO;

IN ADDITION TO REQUIREMENTS FOR CLEANING AND CONSTRUCTION DEBRIS COLLECTION THROUGHOUT THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL:

- CONTINUOUSLY COLLECT ALL SCRAP, DEBRIS, AND WASTE MATERIAL FROM THE PROJECT WORK AREA.
- REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT AREAS AND PUBLIC AREAS.
- CONTINUOUSLY SECURE ALL DEBRIS COLLECTION CONTAINERS TO PREVENT ACCIDENTAL RELEASE OF MATERIALS, RESULTING FROM BUT NOT LIMITED TO WINDS, STORMS, TRANSPORT AND VANDALISM.
- REMOVE COLLECTED SCRAP, DEBRIS, AND WASTE MATERIAL FROM THE PROJECT SITE WITHIN A DURATION SUFFICIENT TO PREVENT AN INABILITY TO COMPLY WITH THE PREVIOUS ITEMS.

STATE OF MISSOURI
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SITE # 7390

ASSET #	6517390002
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REVISION:	
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ISSUE DATE: 08/12/2025

CAD DWG FILE: G-002.DWG
DRAWN BY: AJD/JSM
CHECKED BY: JSM/BGE
DESIGNED BY: JSM/BGE

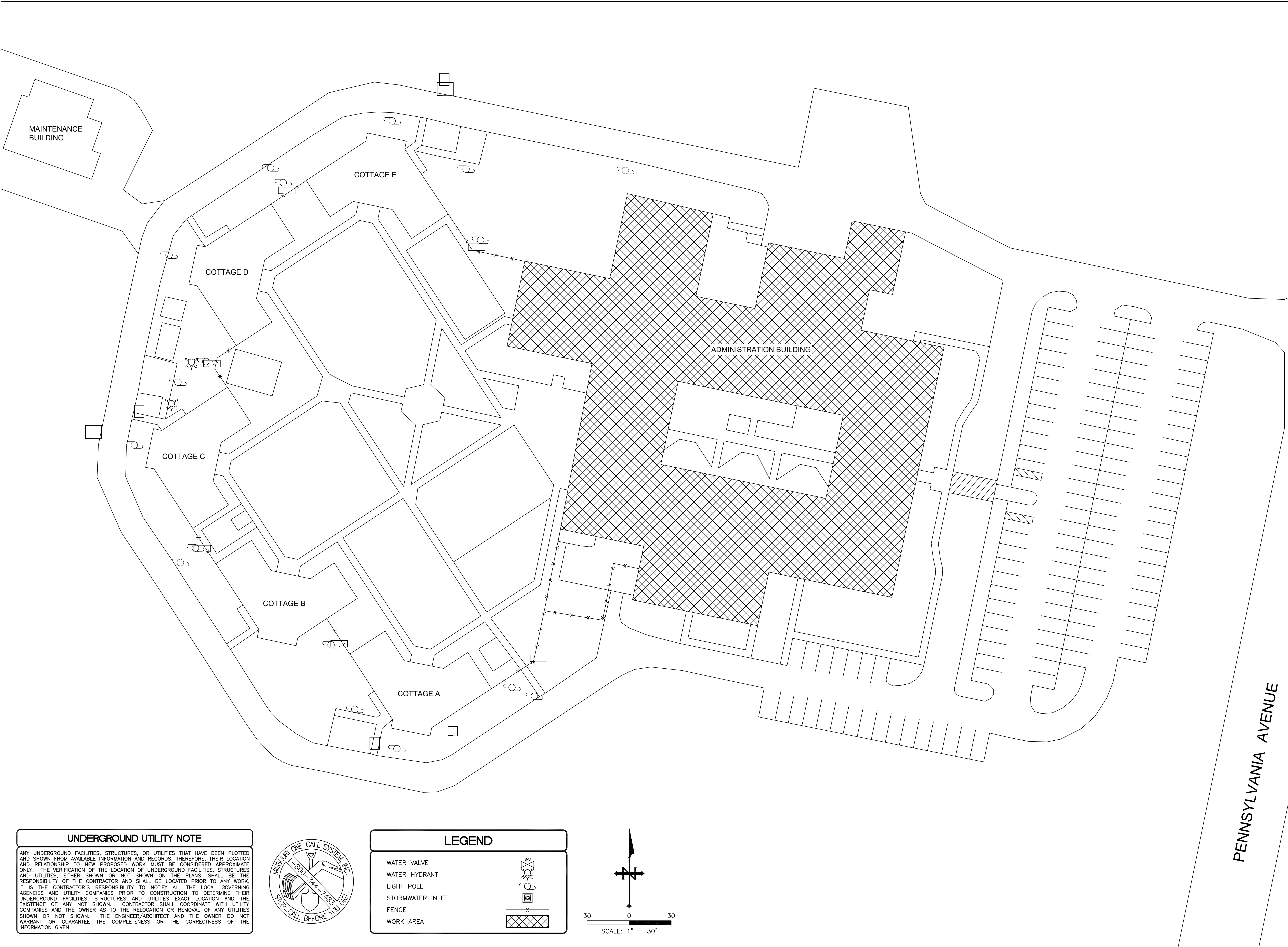
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GENERAL NOTES
ABBREVIATIONS

SHEET NUMBER:

G-002

02 OF 07 SHEETS
08/12/2025



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CAD DWG FILE: C-101.DWG
DRAWN BY: AJD/JSM
CHECKED BY: JSM/BGE
DESIGNED BY: JSM/BGE

SHEET TITLE:
ADMIN BUILDING
SITE PLAN

SHEET NUMBER:

C-101

03 OF 07 SHEETS
08/12/2025



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DRAWN BY: AJD/JSM
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SHEET TITLE:
ADMIN BUILDING
ROOF PLAN

SHEET NUMBER:

A-101

04 OF 07 SHEETS
08/12/2025

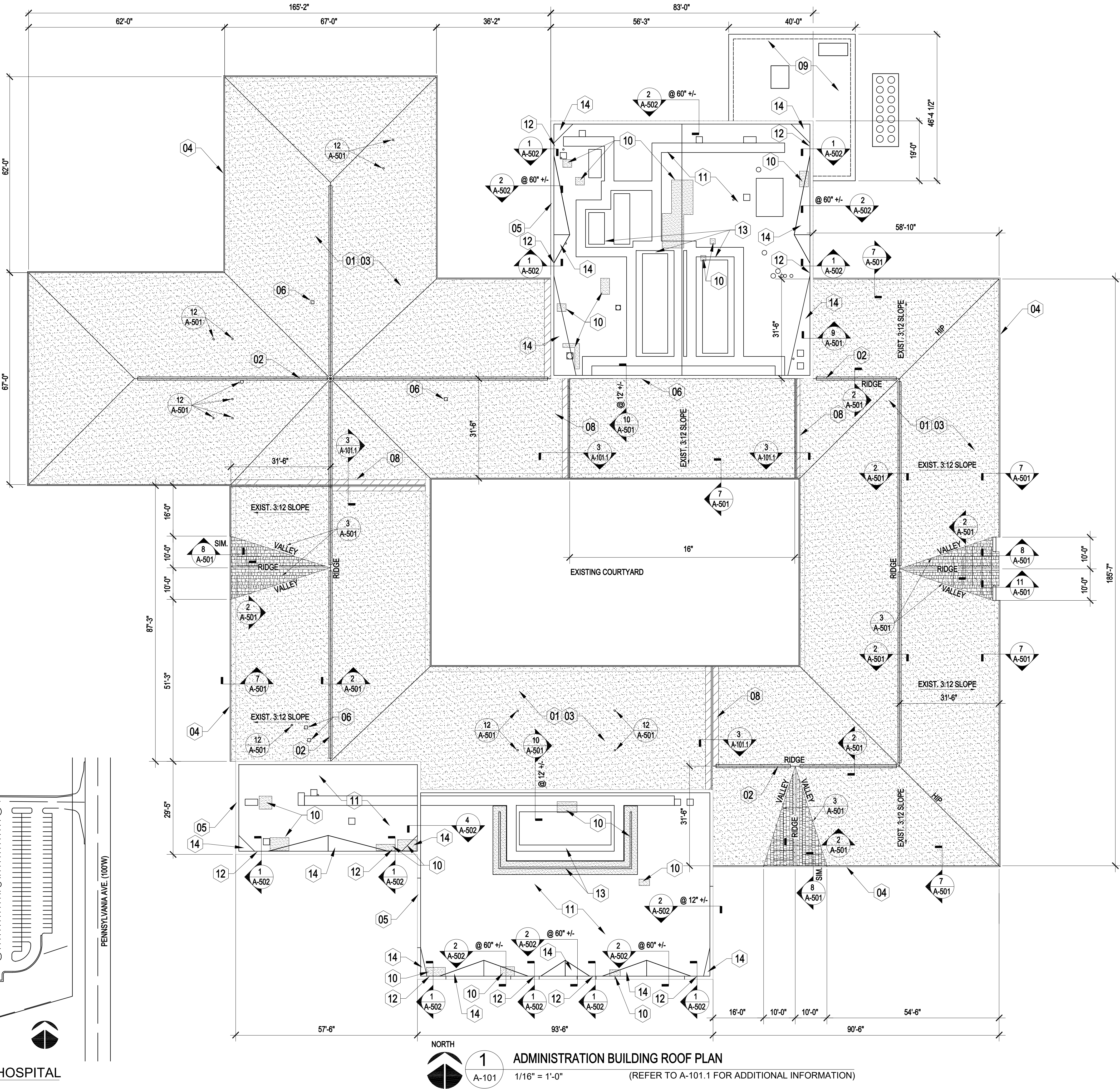
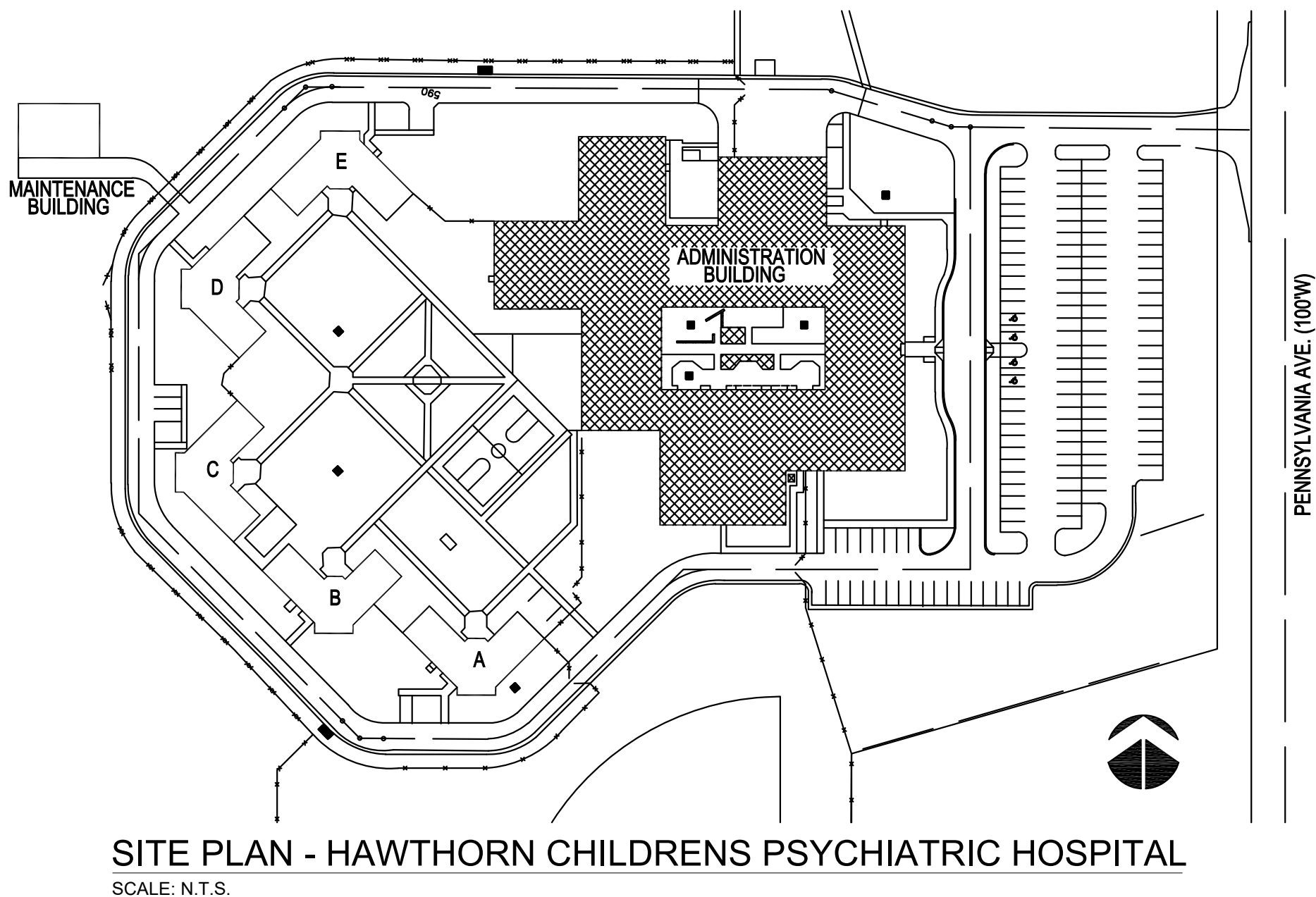
KEYED NOTES: 0#

- 01 REMOVE AND DISPOSE OF EXISTING SHINGLE ROOFING, FELT UNDERLAYMENT, AND FLASHINGS. APPLY NEW ASPHALT SHINGLES, ASPHALT FELT UNDERLAYMENT AND NEW METAL FLASHINGS AS SPECIFIED- TYPICAL
- 02 REMOVE AND REPLACE CONTINUOUS RIDGE VENT W/ ASPHALT CAP SHINGLES NAILED OVER TOP AS SPECIFIED
- 03 EXISTING 5/8" PLYWOOD ROOF SHEATHING TO REMAIN EXCEPT WHERE DAMAGED, REMOVE & REPLACE IN ACCORDANCE WITH SPECIFICATIONS
- 04 REMOVE AND REPLACE EXISTING DRIP EDGE, GUTTER AS SPECIFIED
- 05 REMOVE AND REPLACE EXISTING METAL WALL CAP AS SPECIFIED & PER ROOFING MFR. INSTALLATION INSTRUCTIONS
- 06 PROVIDE NEW FLASHING AT EXISTING METAL ATTIC VENT AS SPECIFIED & PER ROOFING MFR. INSTALLATION INSTRUCTIONS
- 07 REPLACE EXISTING VENT/PIPE FLASHING AS SPECIFIED & PER ROOFING MFR. INSTALLATION INSTRUCTIONS
- 08 REMOVE AND REPLACE ALL EXISTING FIREWALL CAP FLASHING AS SPECIFIED & PER ROOFING MFR. INSTALLATION INSTRUCTIONS
- 09 NO WORK ON THIS ROOF
- 10 FULL DEPTH ROOF REPLACEMENT AT AREAS OF WET INSULATION.
- 11 APPLY NEW FLUID ROOFING OVER EXISTING ROOFING, AS SPECIFIED, PER MANUFACTURER'S INSTRUCTIONS
- 12 REMOVE & REPLACE EXISTING THRU - WALL SCUPPER PER ROOFING MFR. INSTALLATION INSTRUCTIONS
- 13 EXISTING EQUIPMENT ROOF SCREENS AND SUPPORT POSTS TO BE REMOVED, INCLUDING PITCH POCKETS AT SUPPORT POSTS AND PATCH ROOFING ASSEMBLY FULL DEPTH, TYPICAL ALL LOCATIONS.
- 14 EXISTING CRICKET

ROOF PLAN NOTES:

1. DIMENSIONS SHOWN ARE HORIZONTAL PROJECTIONS FROM ROOF EDGE TO ROOF EDGE EXCLUDING GUTTERS. THEY DO NOT ACCOUNT FOR ROOF SLOPES WHICH ARE INDICATED ON PLANS.
2. FOR BIDDING PURPOSES, ALLOW FOR 600 TOTAL SQUARE FEET OF FULL DEPTH ROOF REPLACEMENT AT ROOF SCUPPER REPLACEMENT LOCATIONS. REFER TO DETAIL 1/A-502 AND LOCATIONS KEYED ON ROOF PLAN.
3. FOR BIDDING PURPOSES, ALLOW FOR 1,400 TOTAL SQUARE FEET OF FULL DEPTH ROOF REPLACEMENT AT LOCATIONS KEYED ON ROOF PLAN, WITH KEYED NOTE 10.
4. FOR BIDDING PURPOSES, ALLOW FOR 500 TOTAL SQUARE FEET OF REMOVAL OF DAMAGED ROOF SHEATHING, DISCOVERED DURING TEAR OFF OF EXISTING SHINGLE ROOFING SYSTEM. AT LOCATIONS KEYED ON ROOF PLAN WITH KEYED NOTE 3.
5. INSTALL WALKWAYS WITH FLUID APPLIED TOP-COAT. (ENSURE WALKWAYS ARE MASKED OFF TO ENSURE UNIFORM APPEARANCE). WALKWAYS TO BE INSTALLED TO AND AROUND ALL SERVICEABLE EQUIPMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS & INFORMATION.

INDICATES SHINGLED ROOFING AREA





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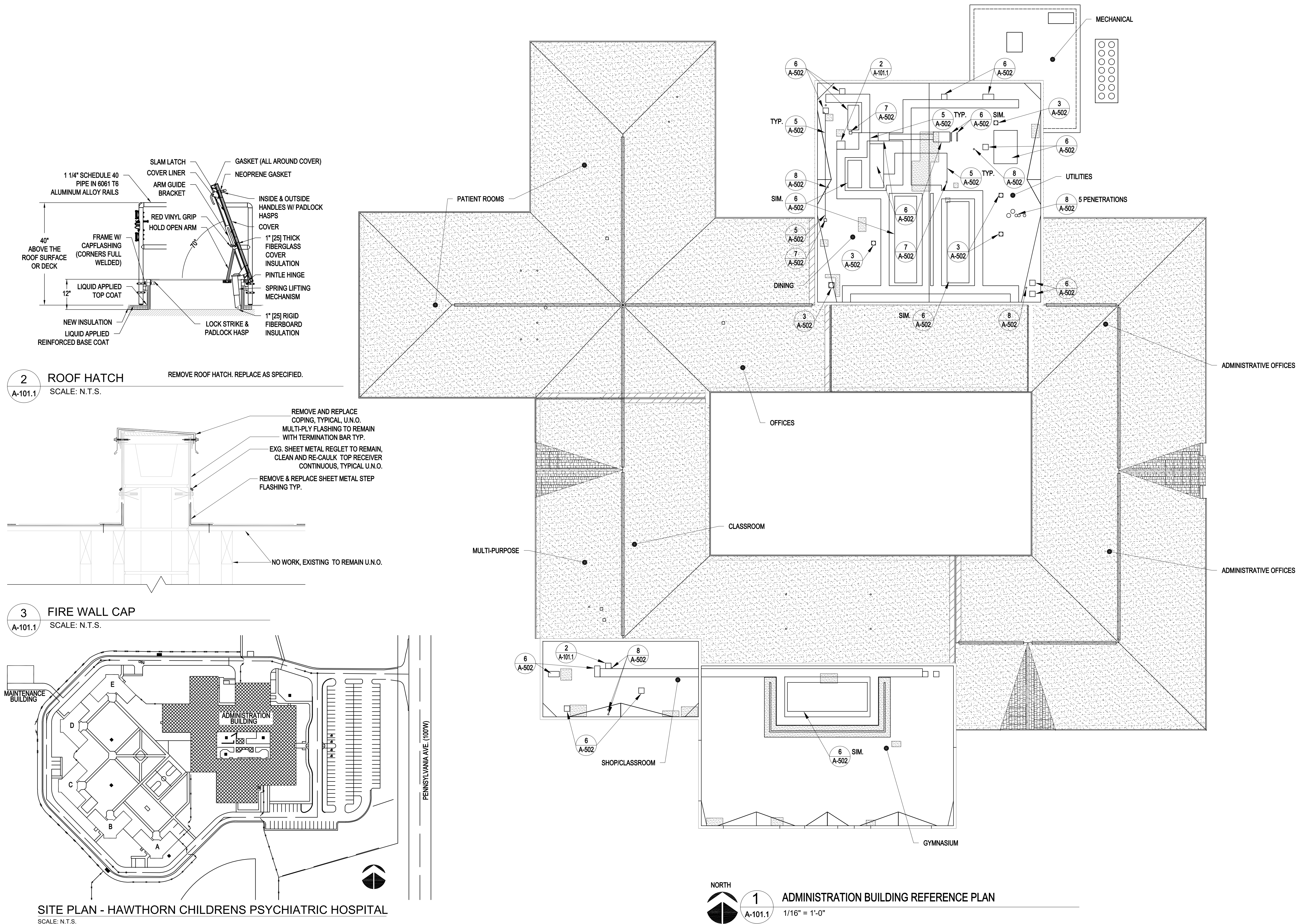
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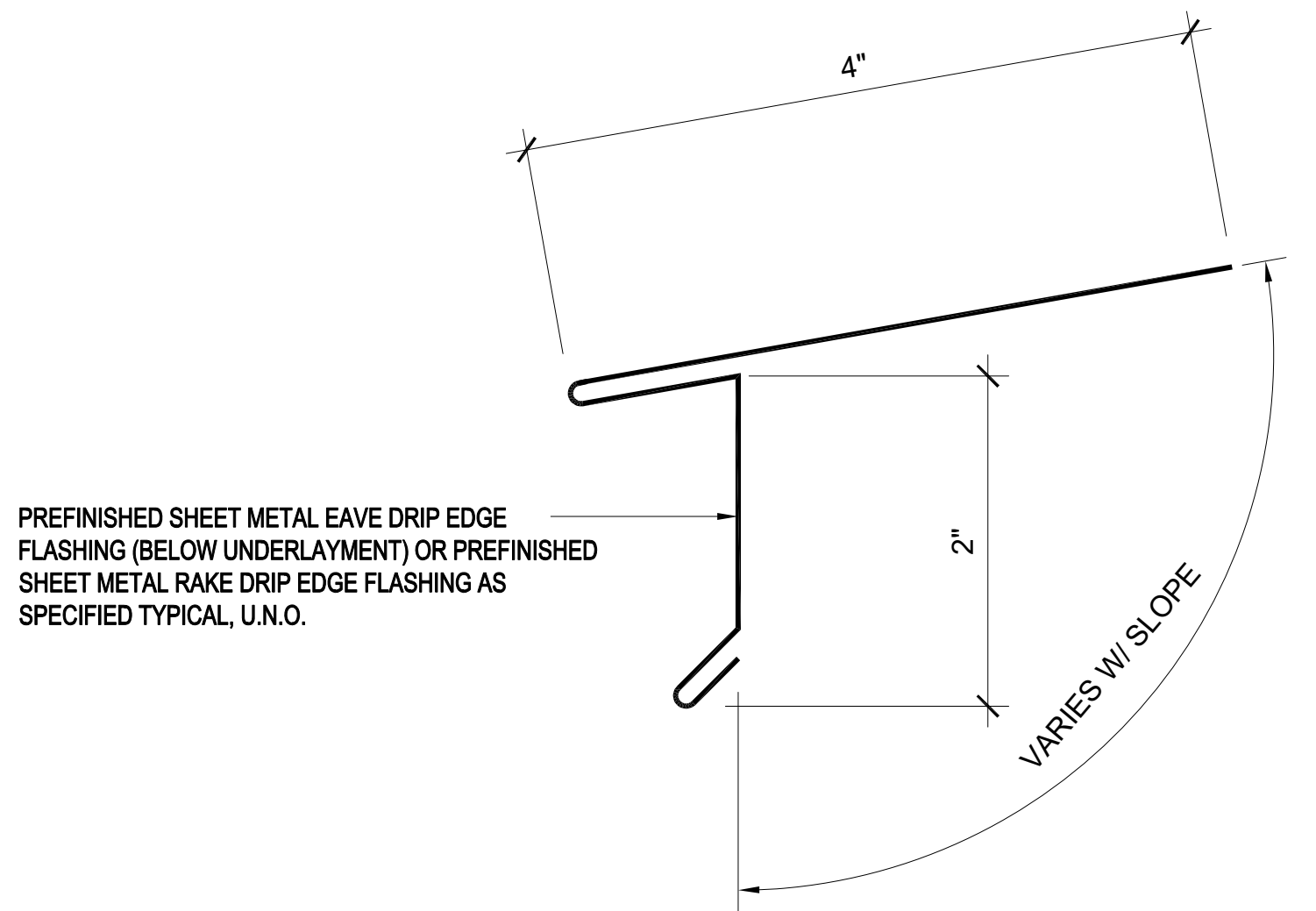
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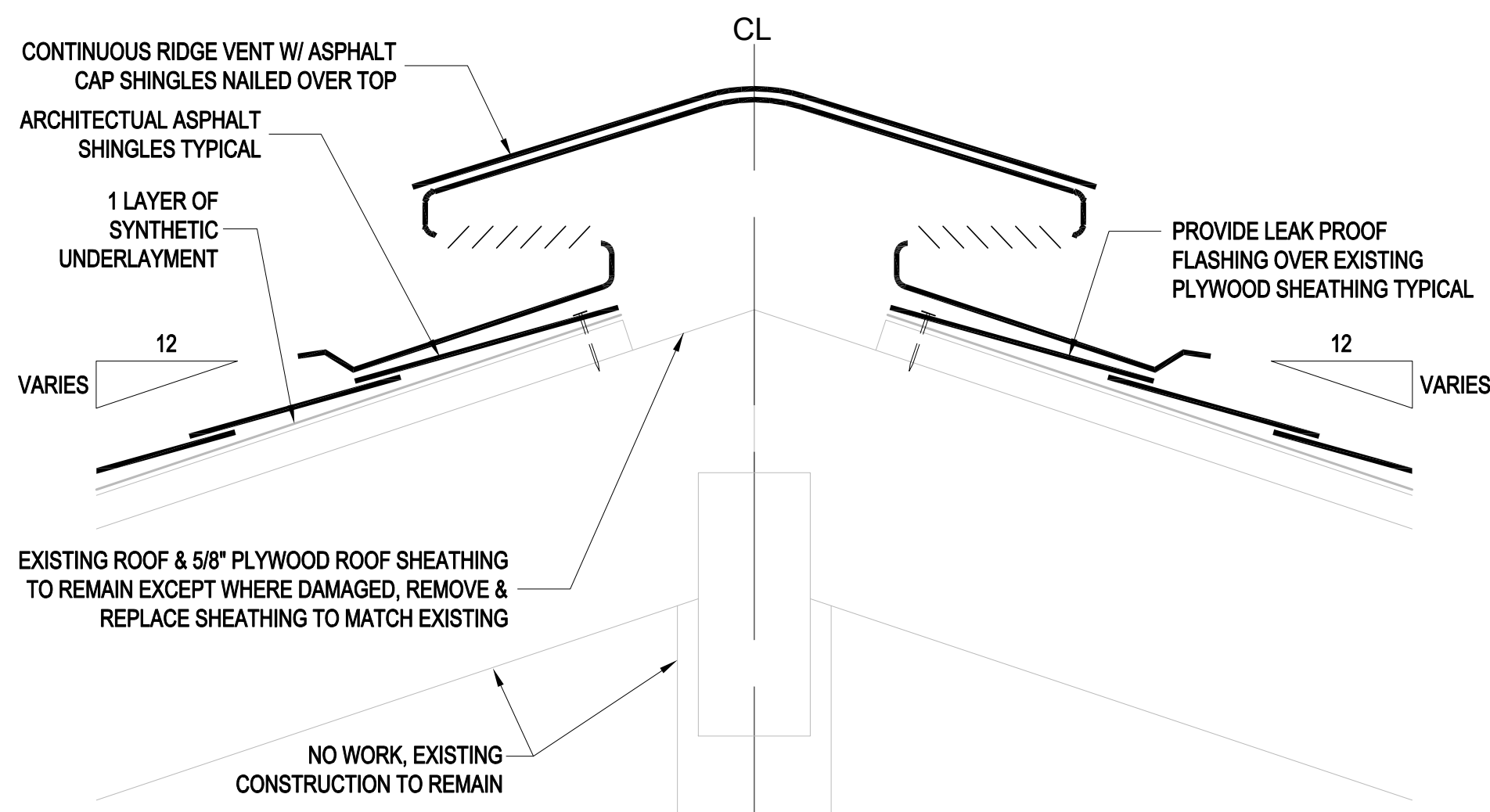
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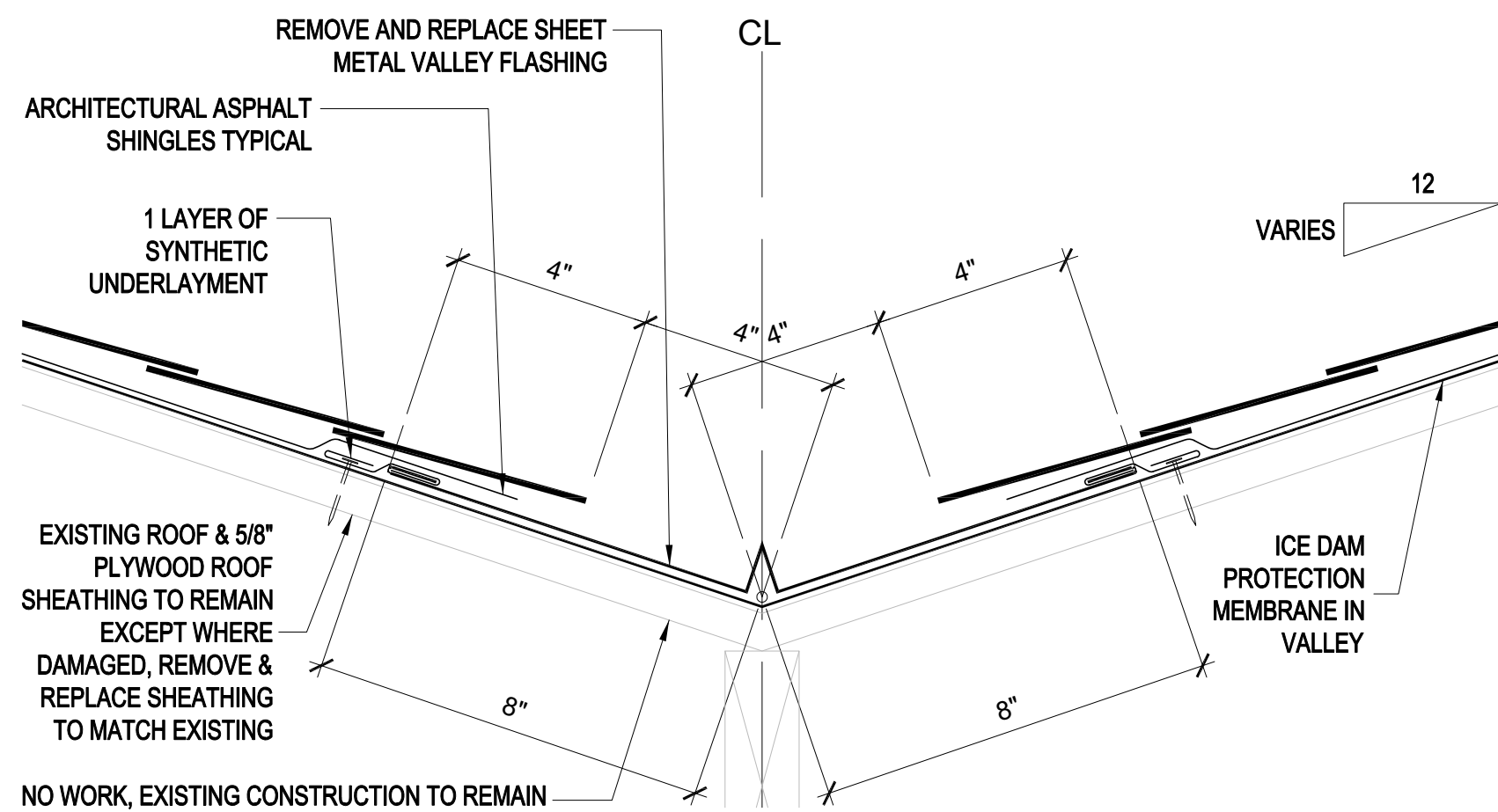




13 TYPICAL DRIP EDGE
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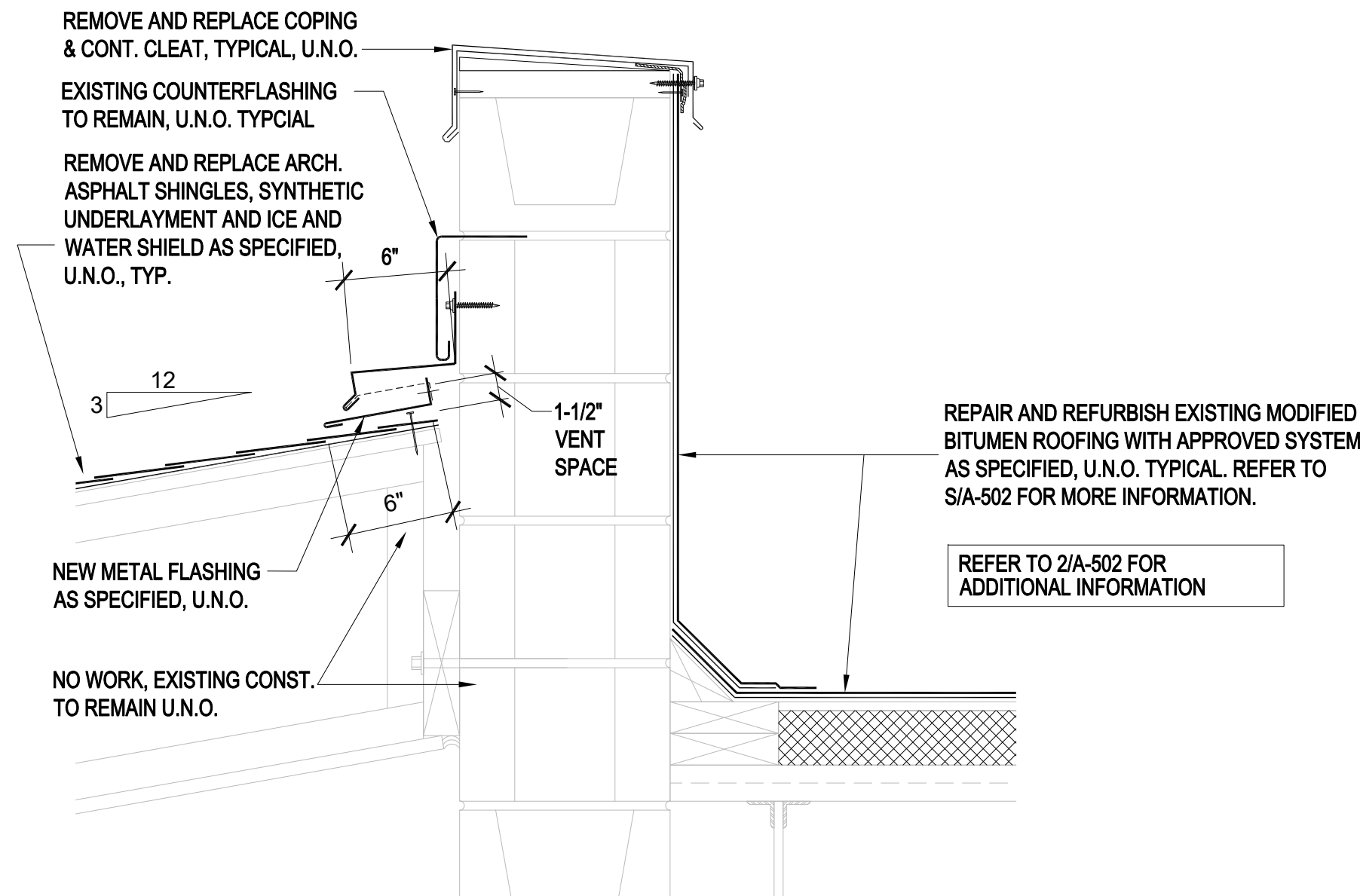


2 TYPICAL RIDGE DETAIL
A-501 SCALE: N.T.S.

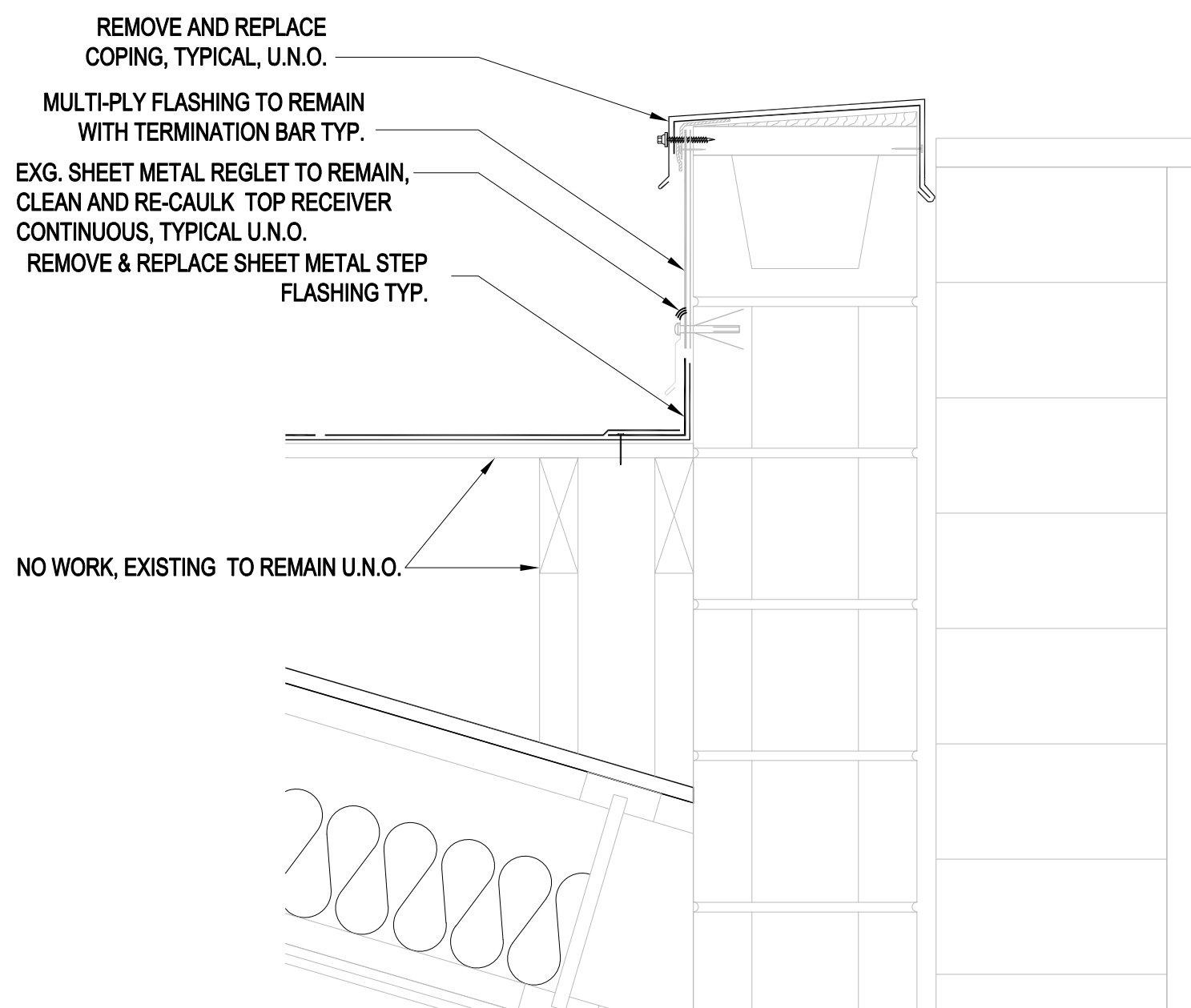


3 TYPICAL VALLEY DETAIL
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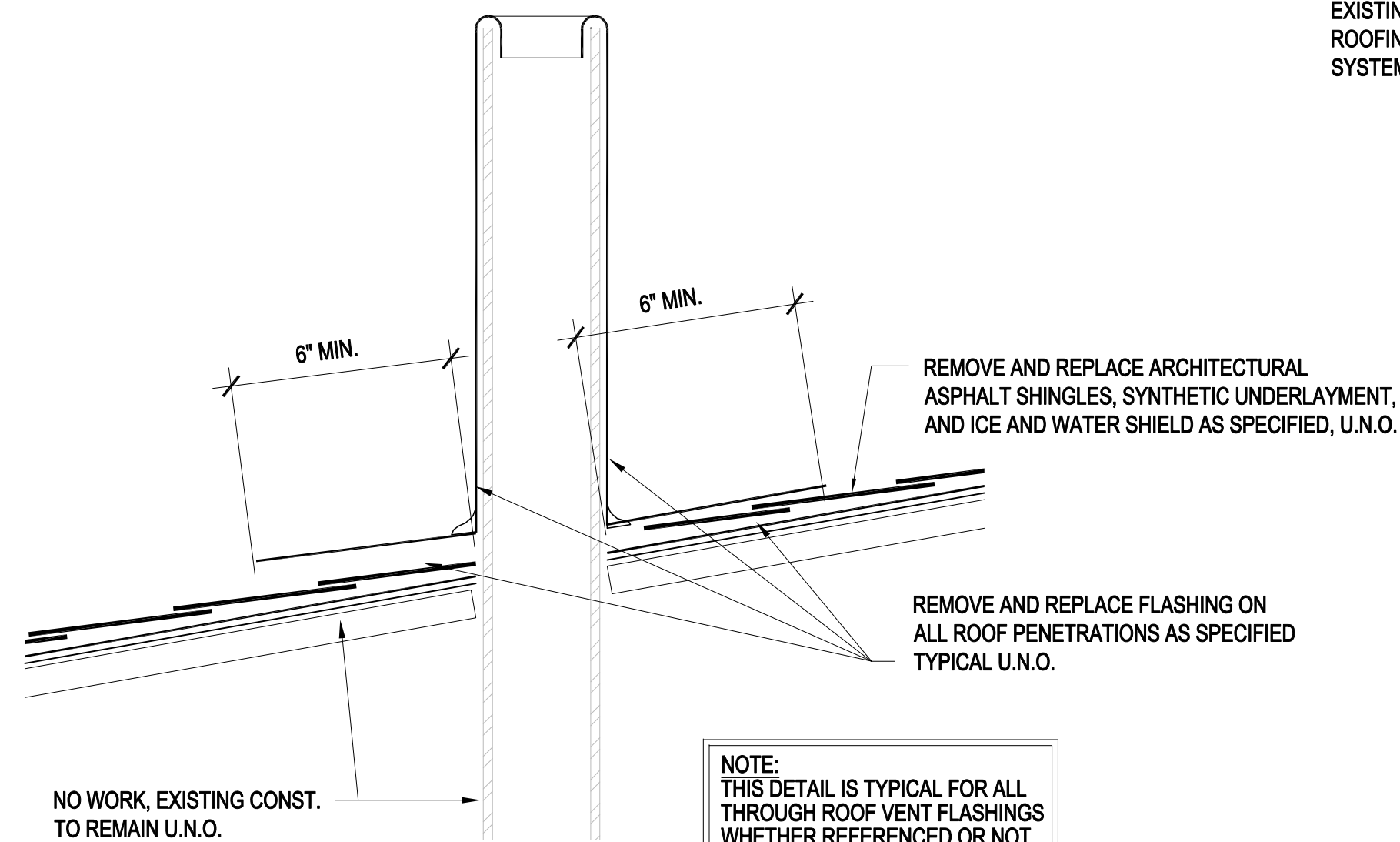
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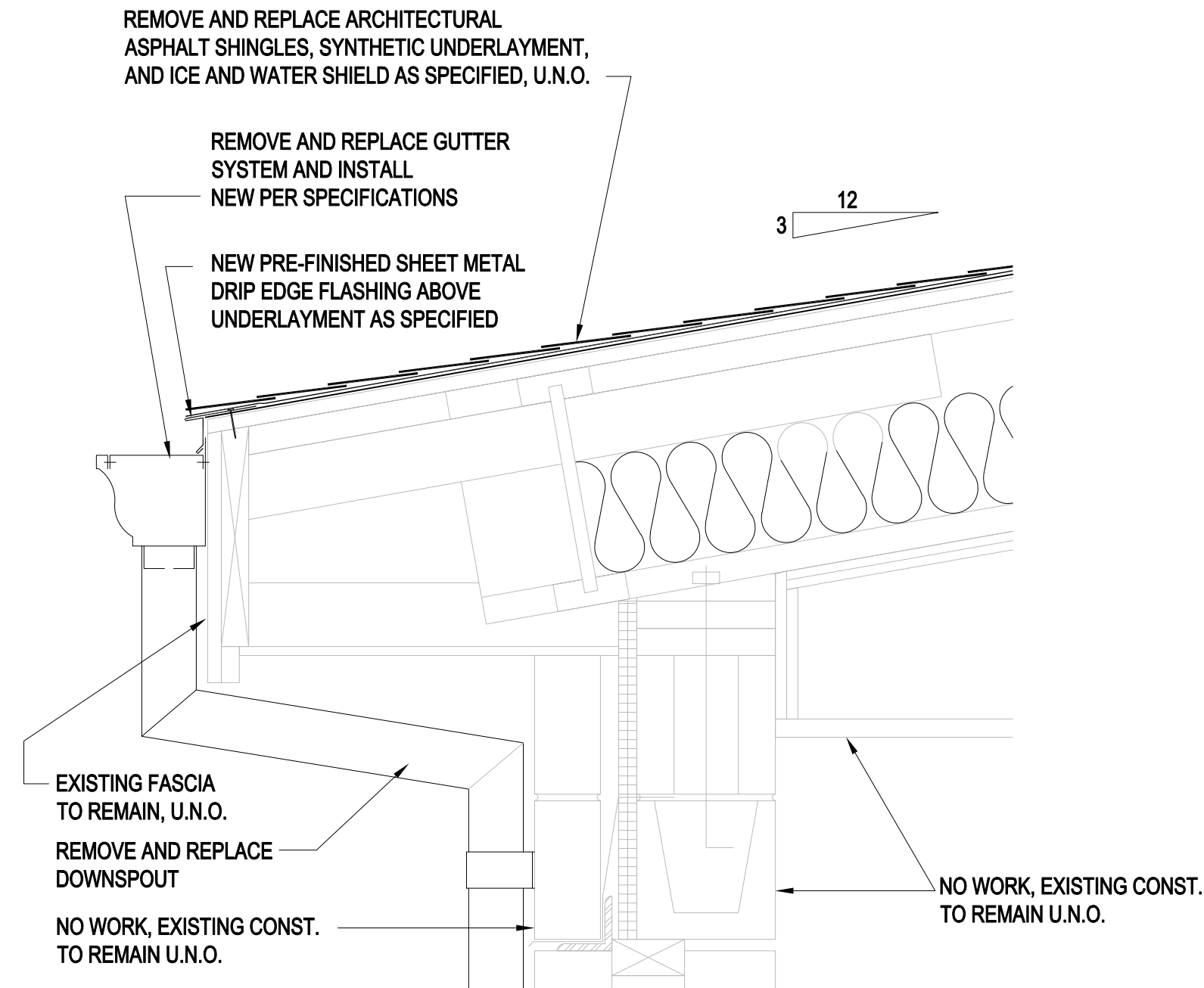
10 SLOPE ROOF @ VENT FLASHING
A-501 SCALE: N.T.S.



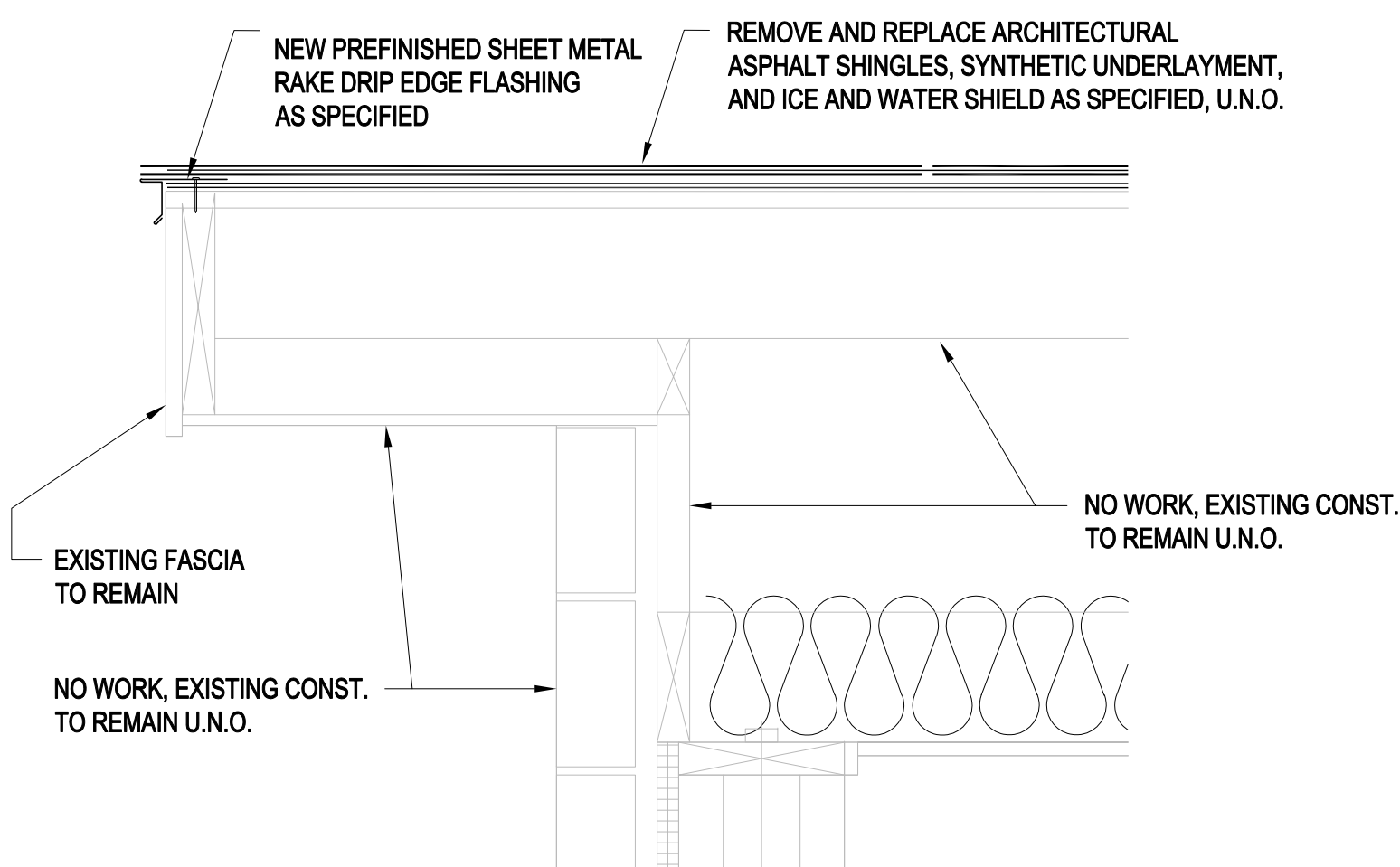
11 RAKE DETAIL @ PARAPET
A-501 SCALE: N.T.S.



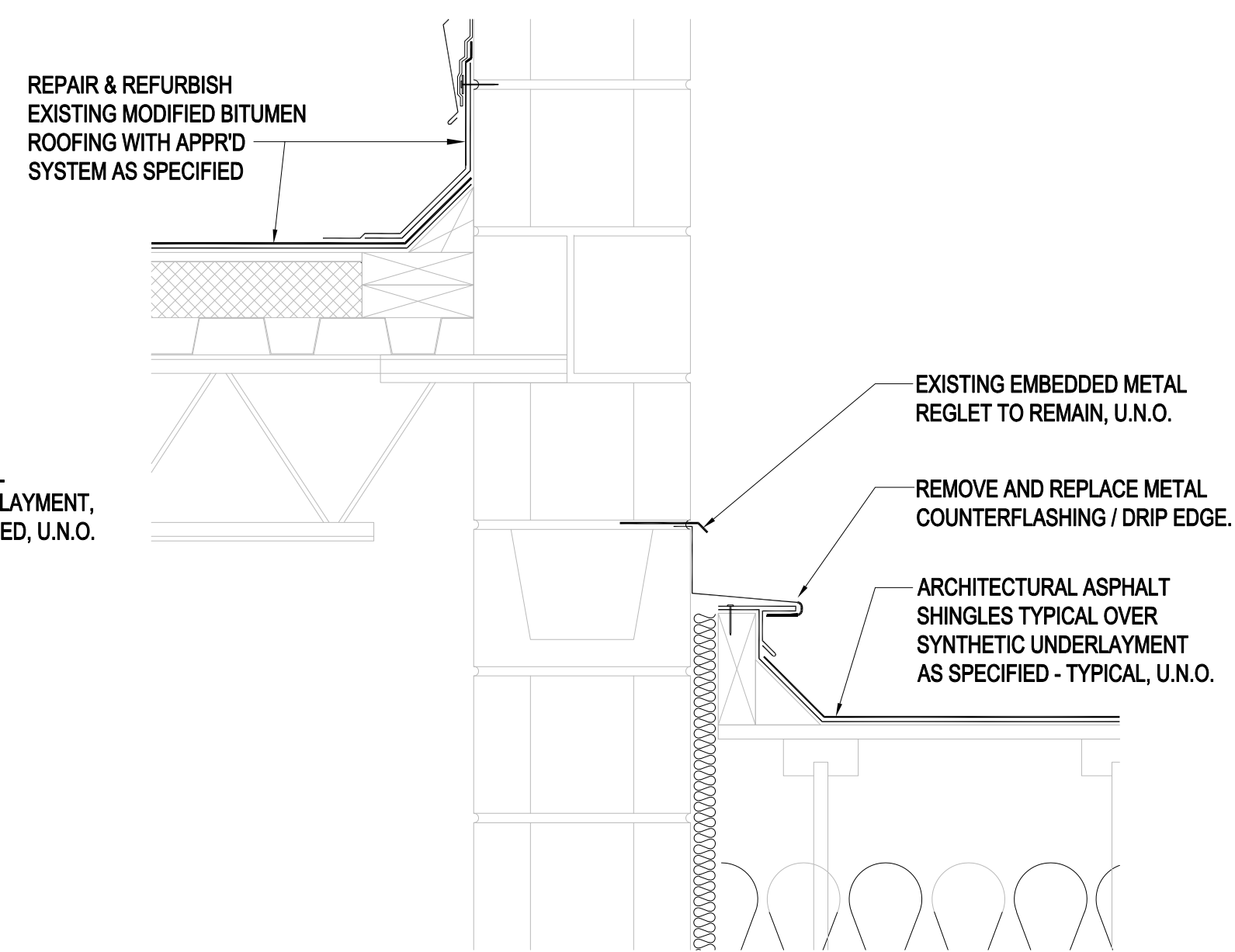
12 TYPICAL VENT PIPE DETAIL
A-501 SCALE: N.T.S.



7 TYPICAL EAVE DETAIL
A-501 SCALE: N.T.S.



8 GABLE OR RAKE EDGE DETAIL
A-501 SCALE: N.T.S.



9 RAKE DETAIL @ HIGH WALL
A-501 SCALE: N.T.S.



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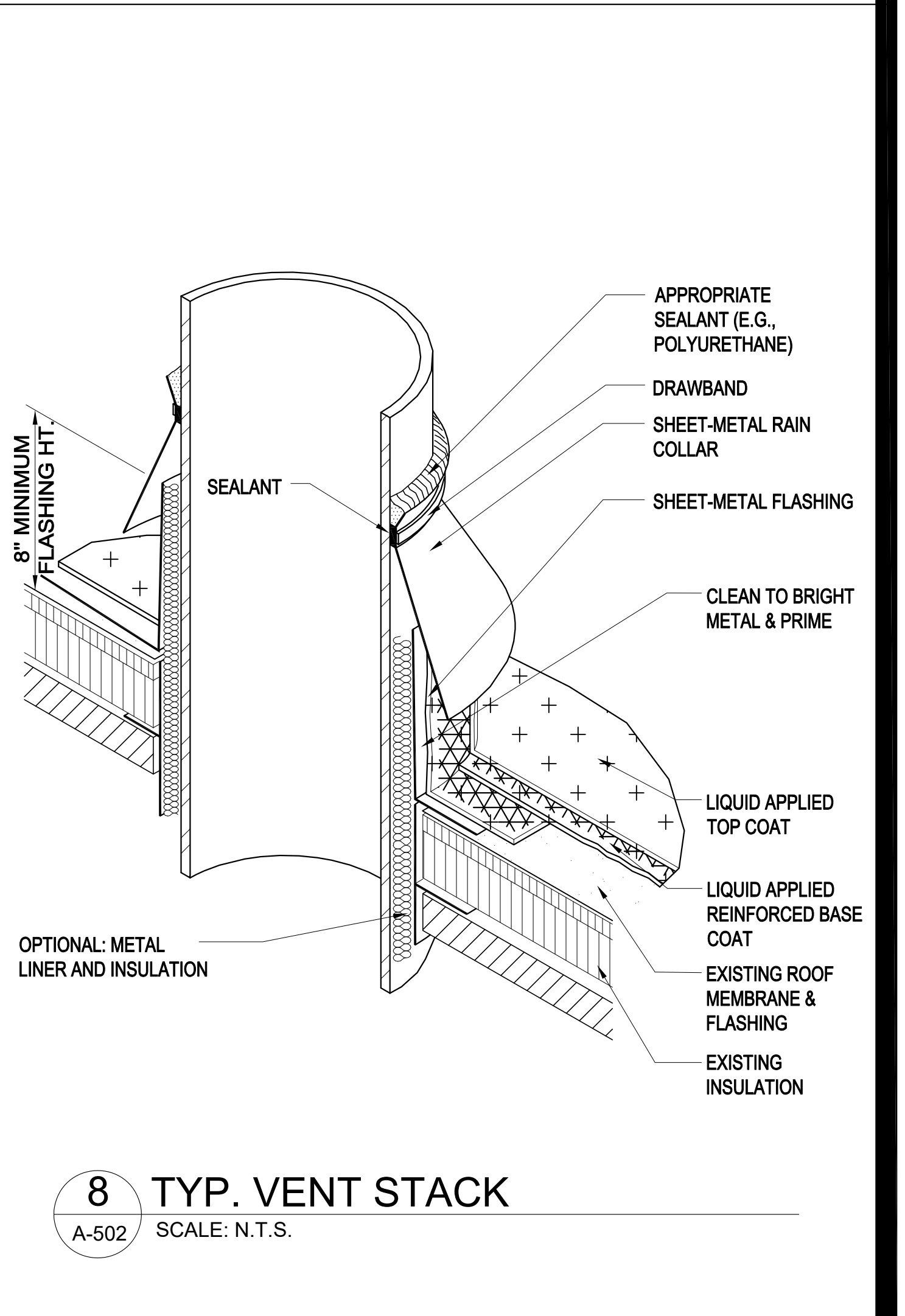
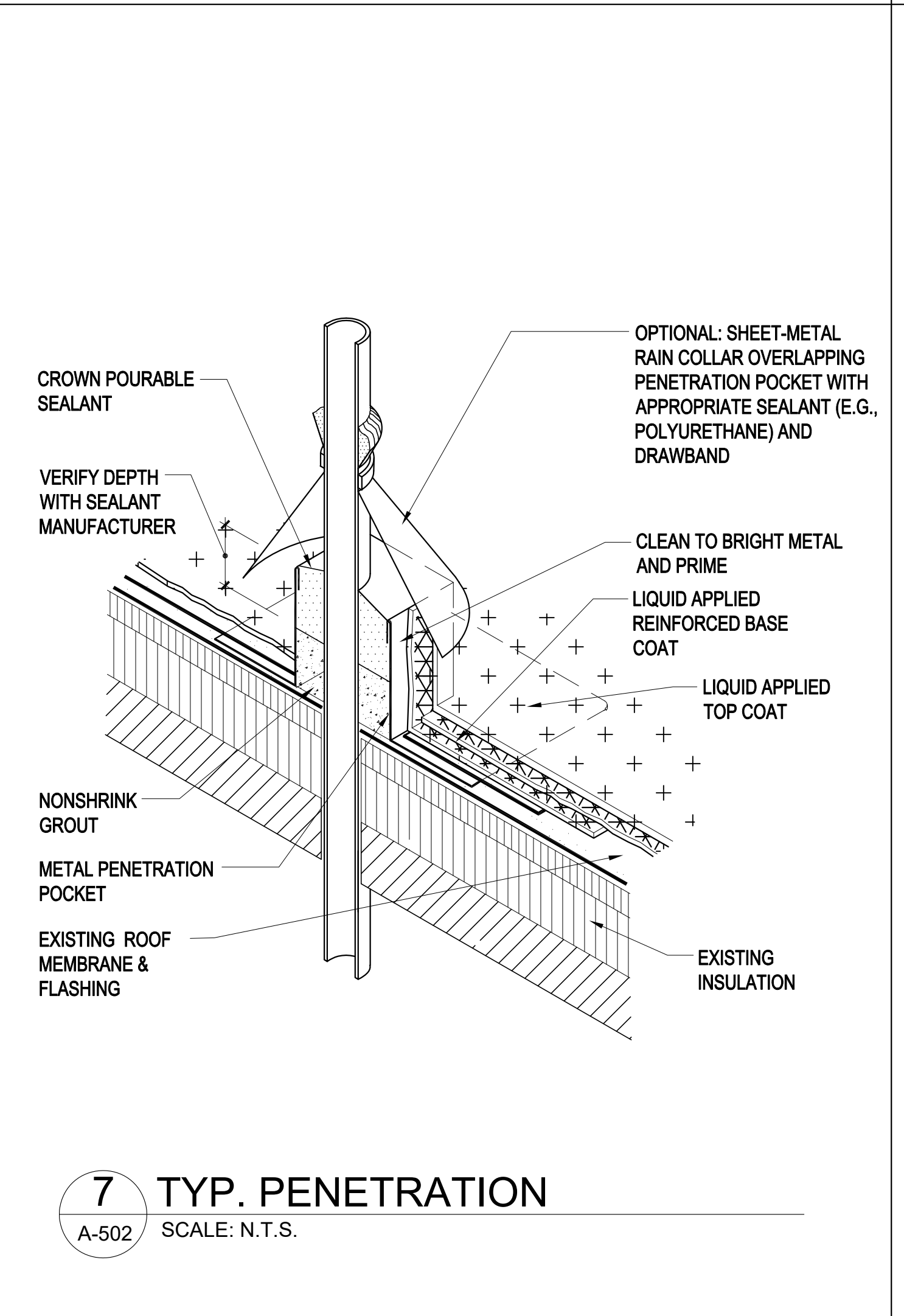
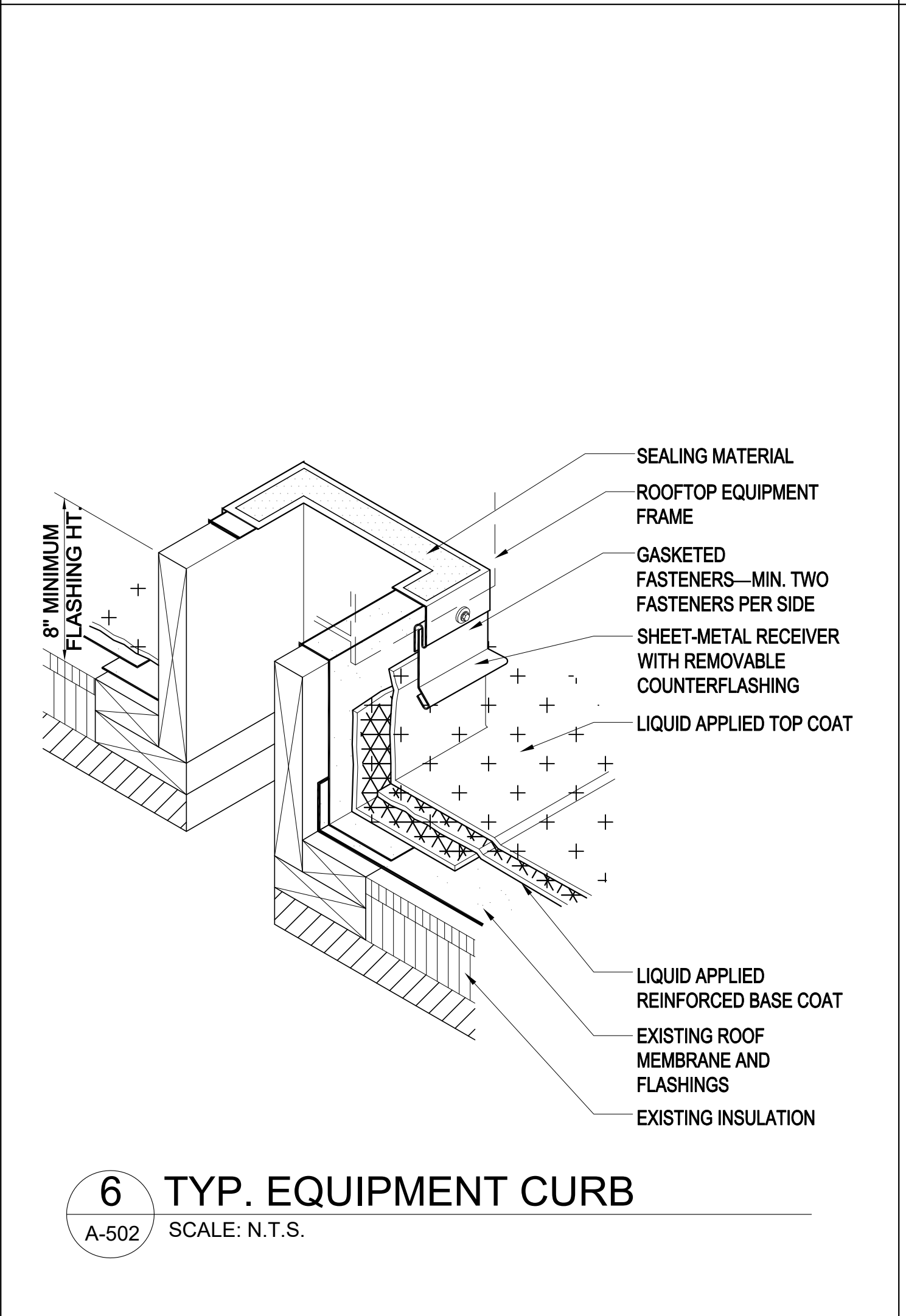
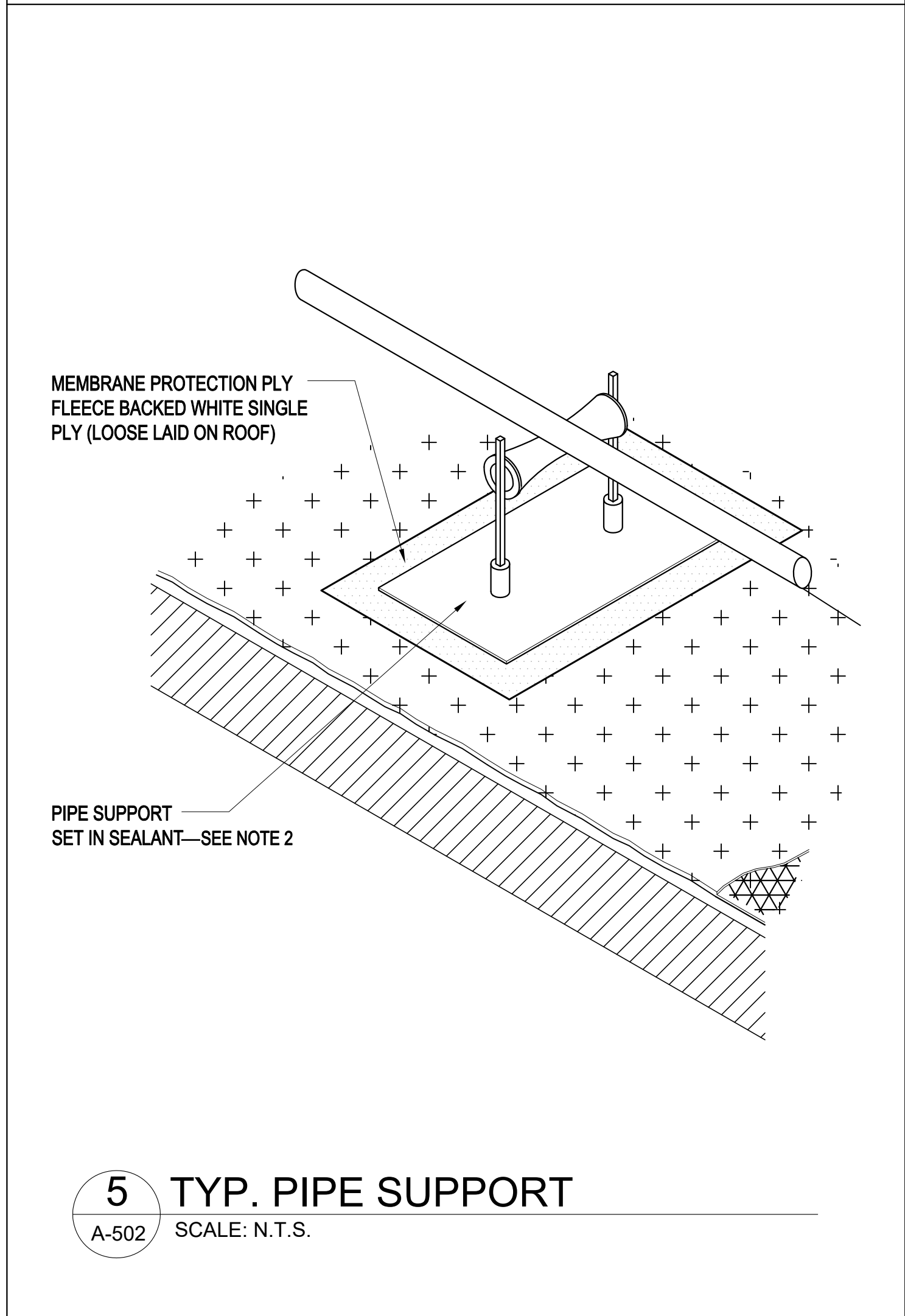
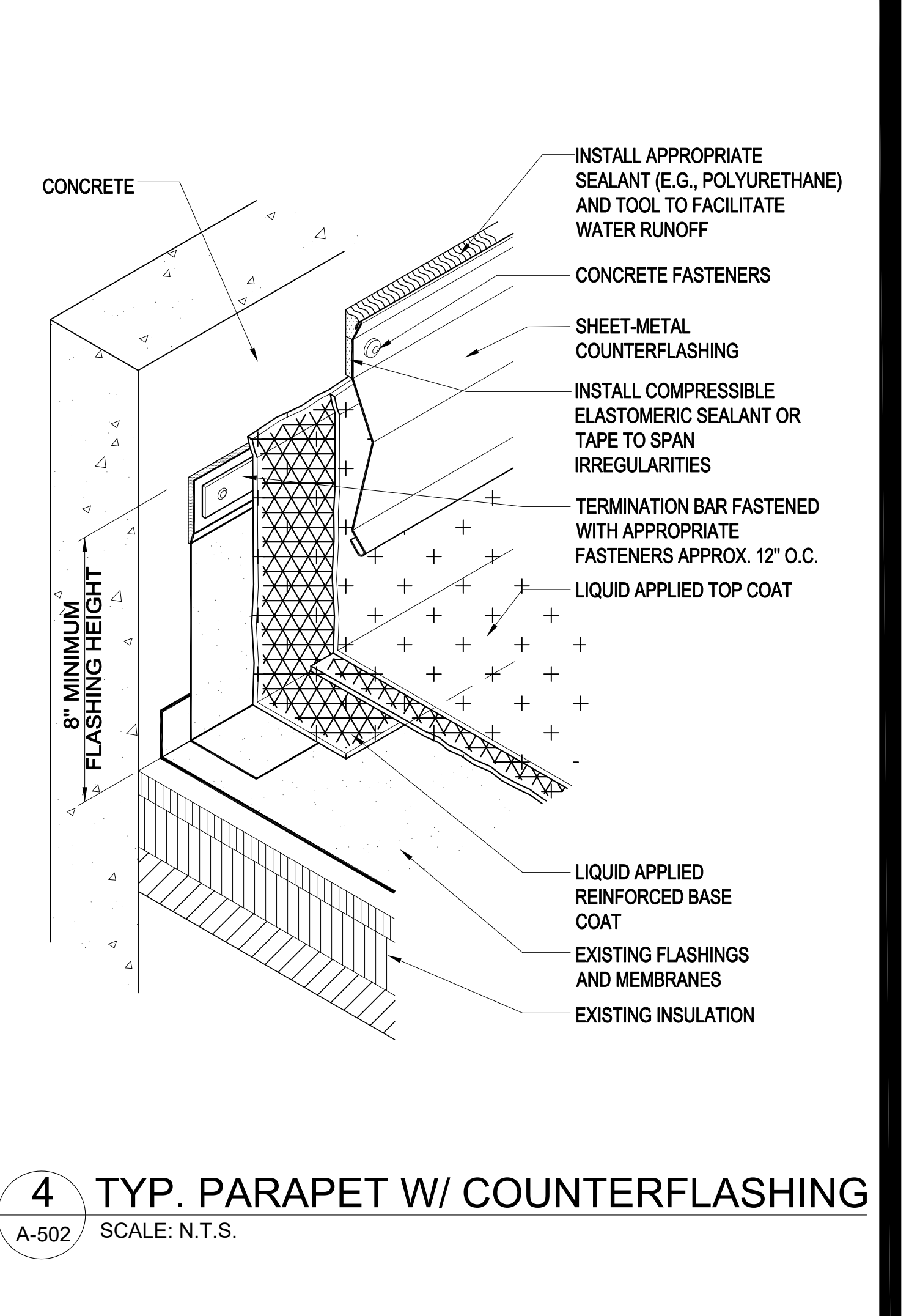
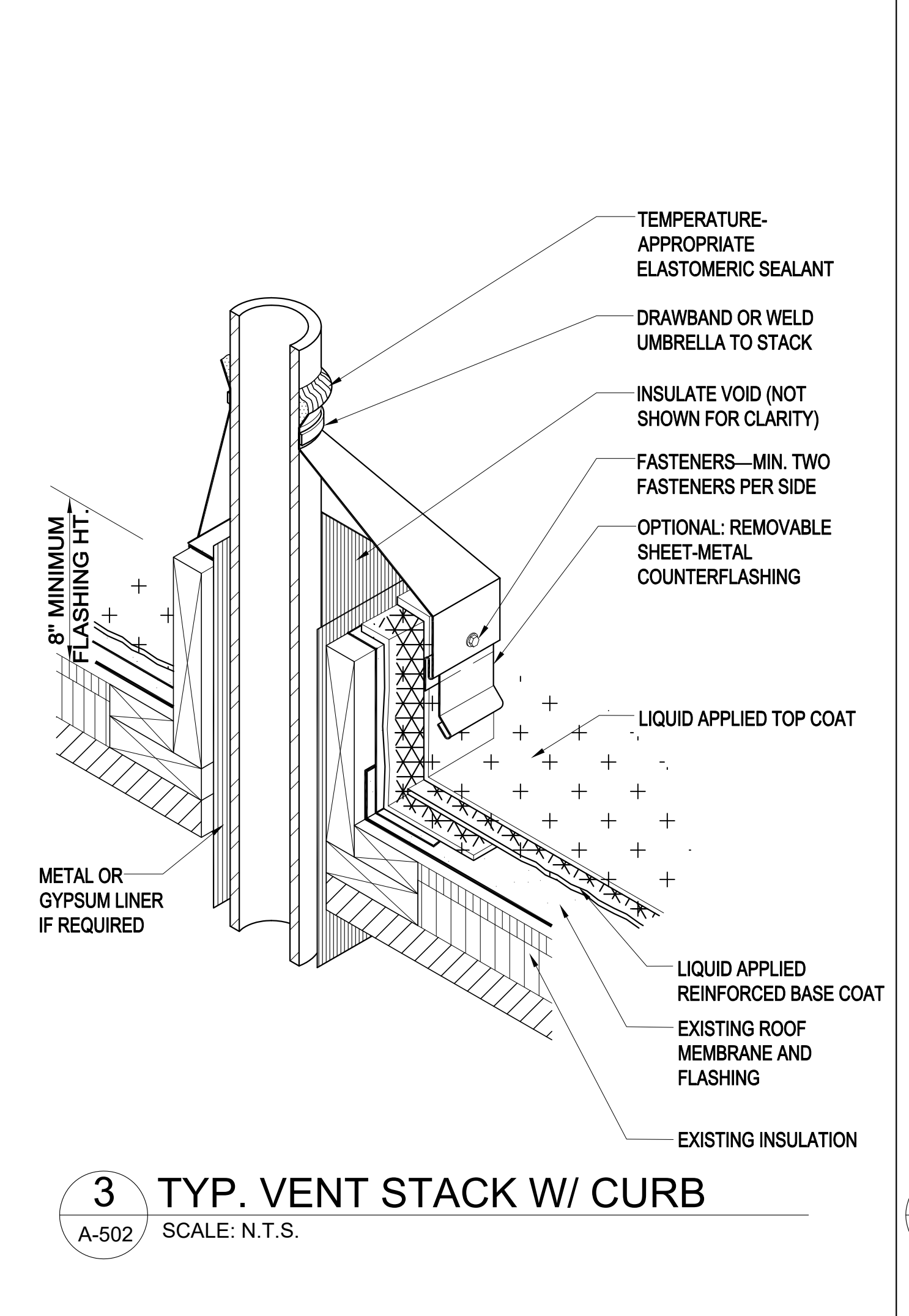
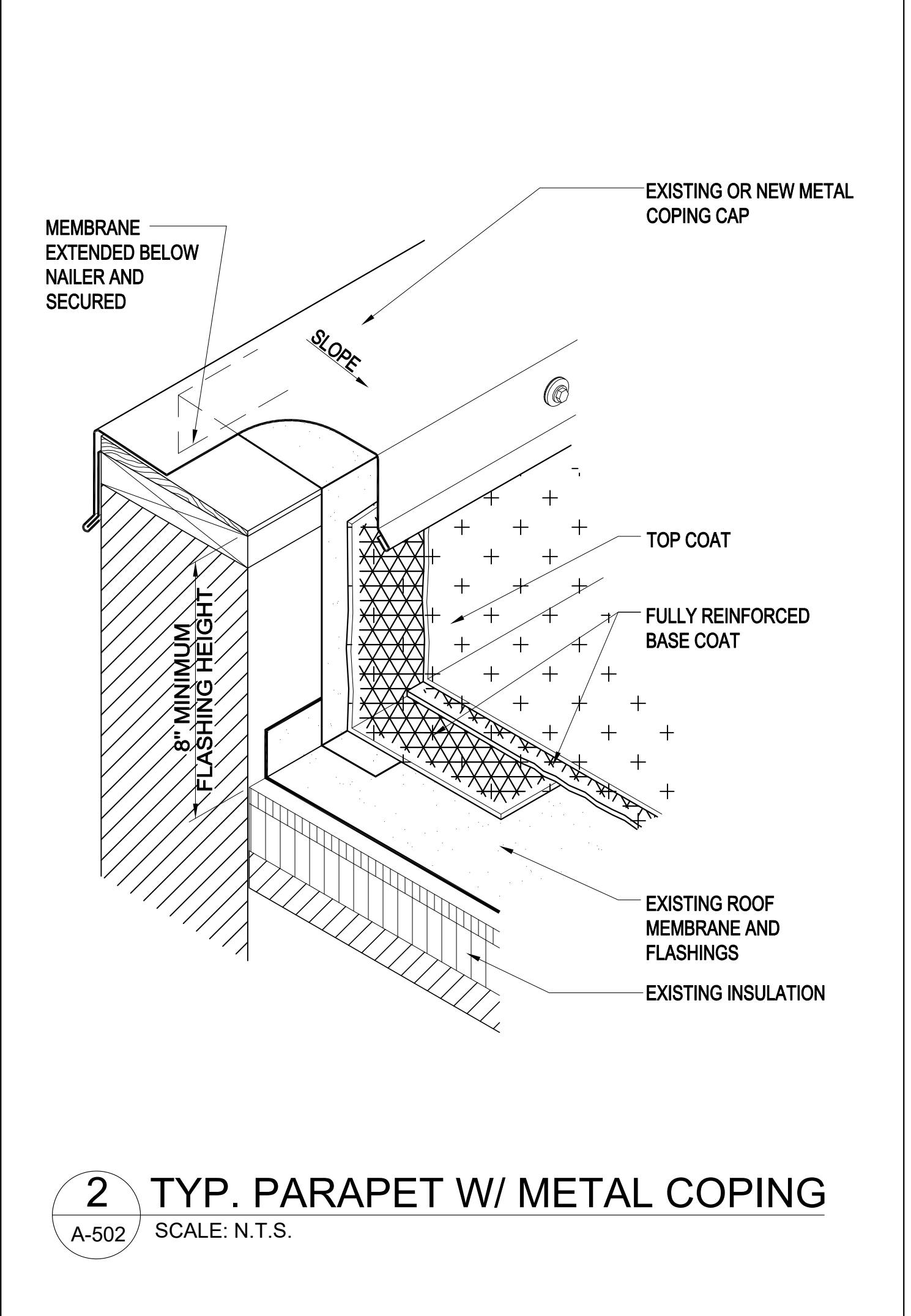
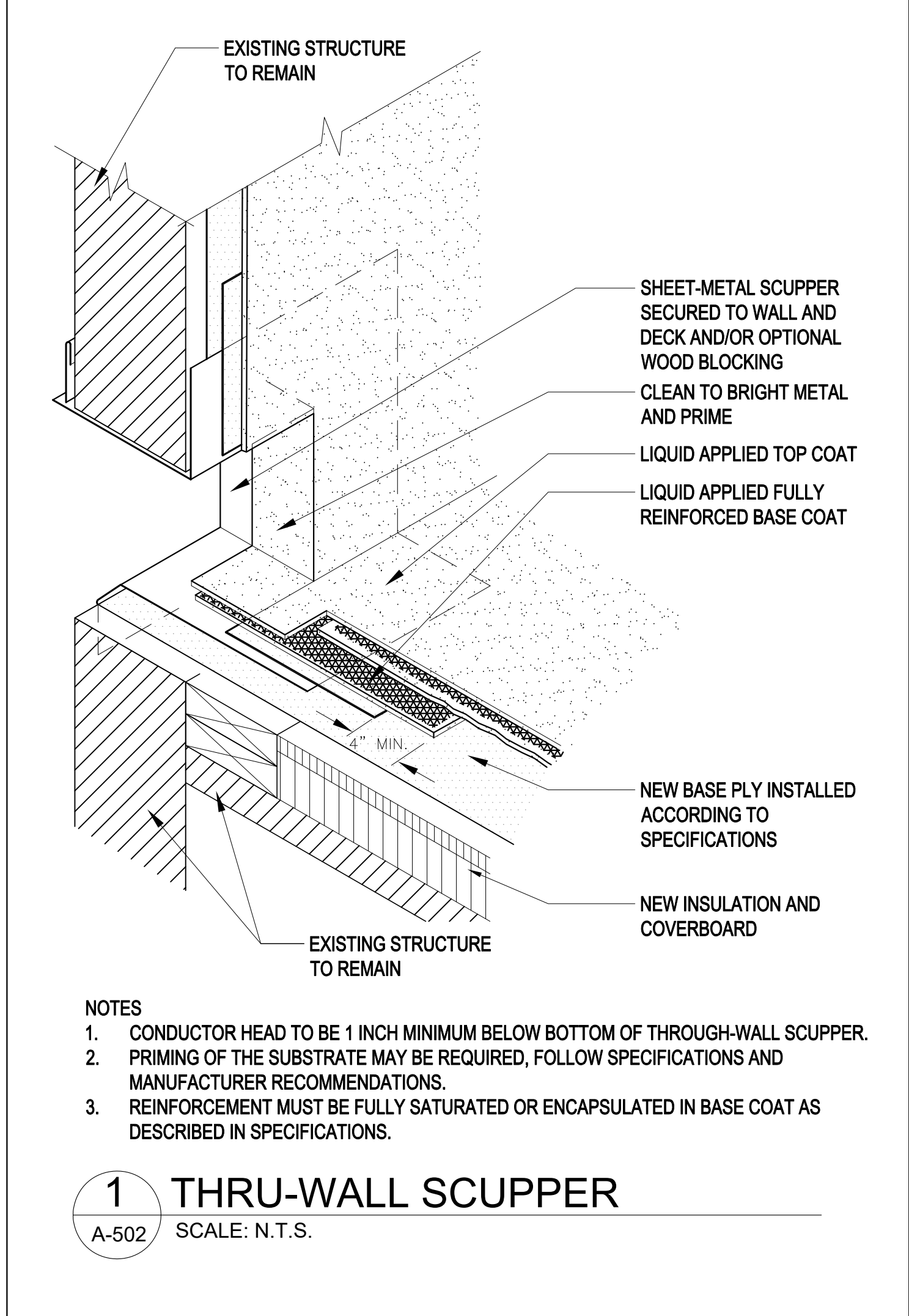
CAD DWG FILE: A-501.DWG
DRAWN BY: AJD/JSM
CHECKED BY: JSM/BGE
DESIGNED BY: JSM/BGE

SHEET TITLE:
ADMIN BUILDING
ROOF DETAILS

SHEET NUMBER:

A-501

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PSYCHIATRIC HOSPITAL
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PROJECT # M2416-01
SITE # 7390
ASSET # 6517390002

REVISION:
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REVISION:
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ISSUE DATE: 08/12/2025

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SHEET TITLE:

ADMIN BUILDING
ROOF DETAILS

SHEET NUMBER:

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