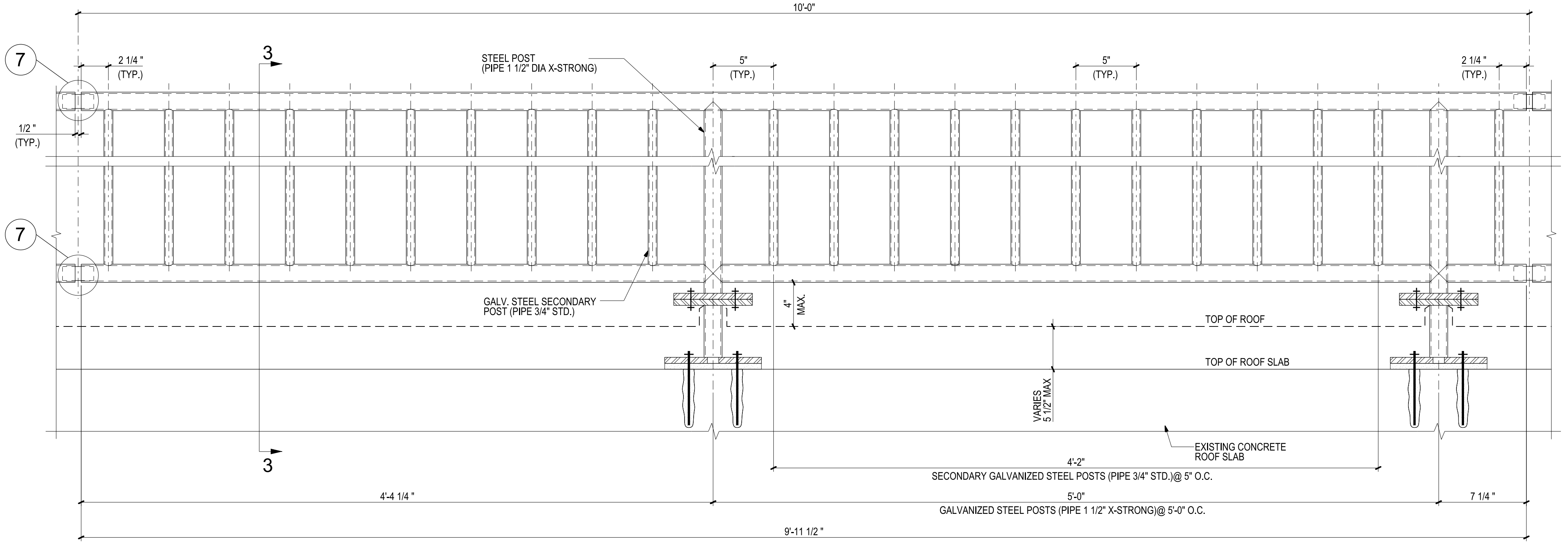
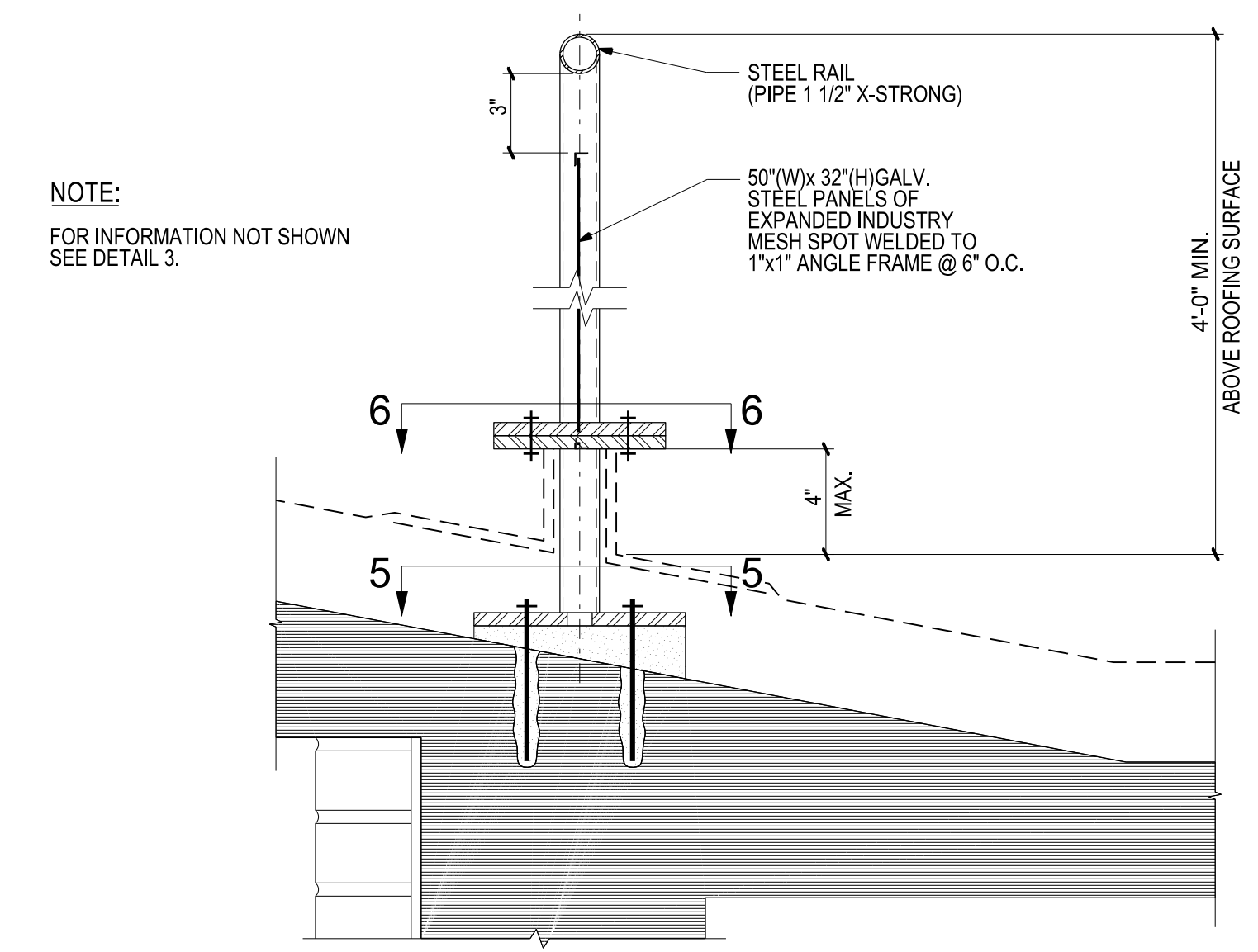


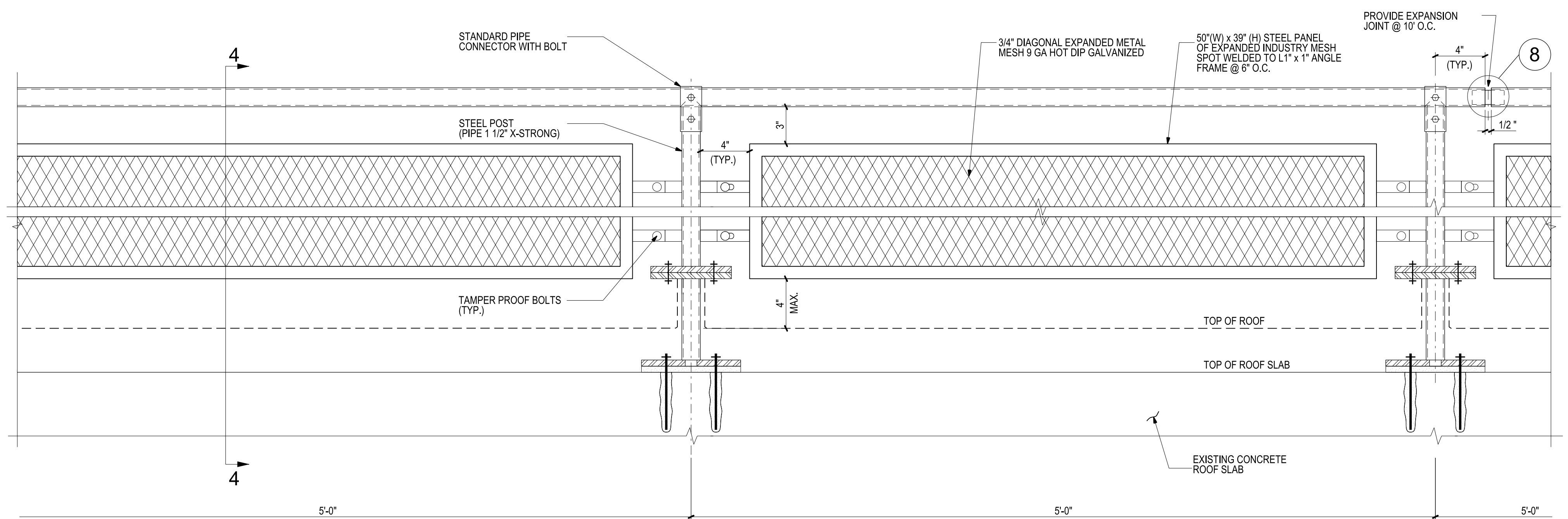
3 SECTION OF PARAPET ROOF RAILING WITH SECONDARY POSTS
 SCALE: 2" = 1'-0"



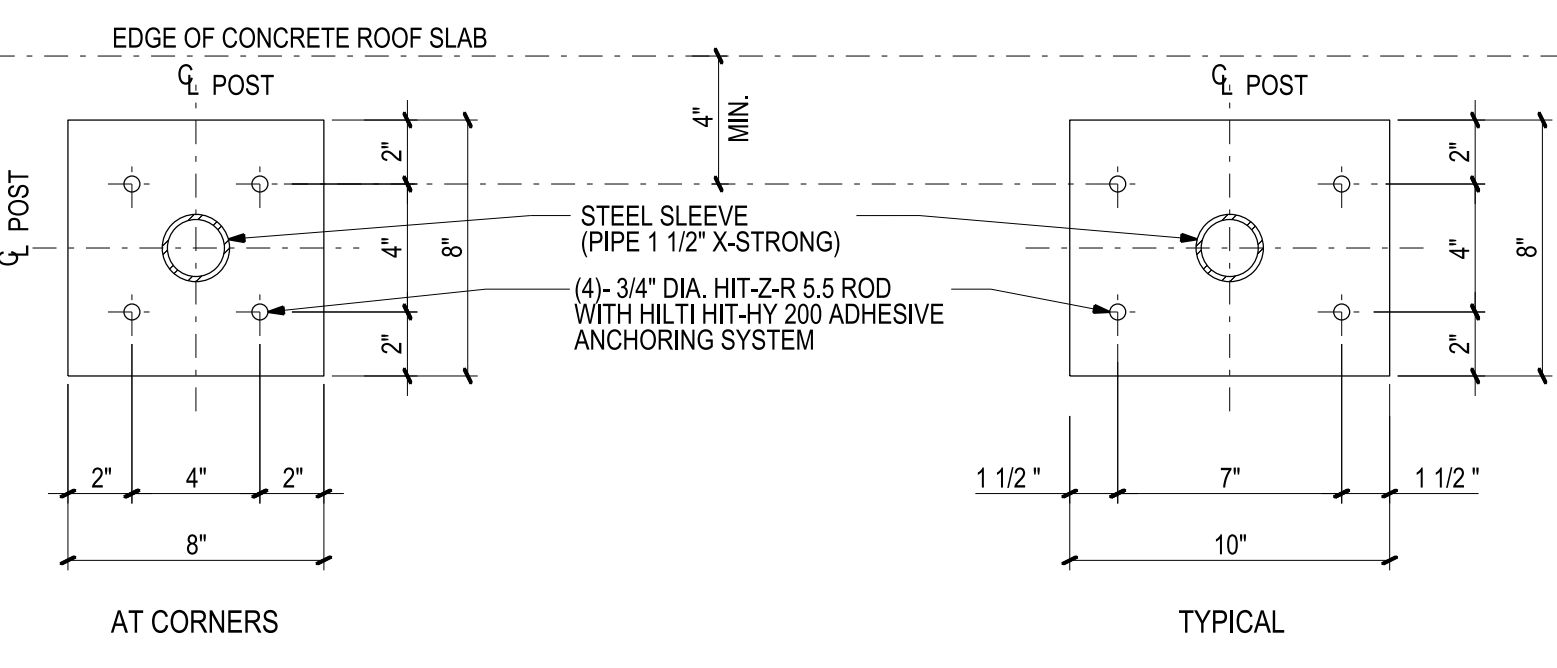
1 ELEVATION OF PARAPET ROOF RAILING WITH SECONDARY POSTS
 SCALE: 2" = 1'-0"



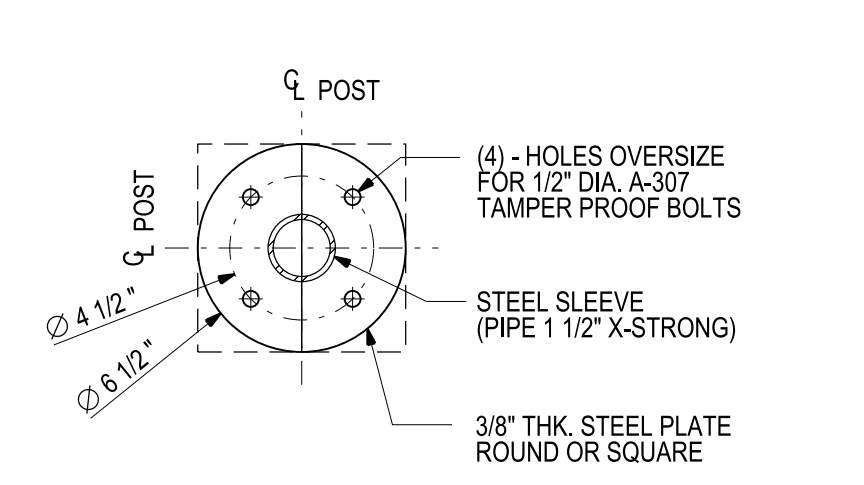
4 SECTION OF PARAPET ROOF RAILING WITH WIRE MESH PANELS
 SCALE: 2" = 1'-0"



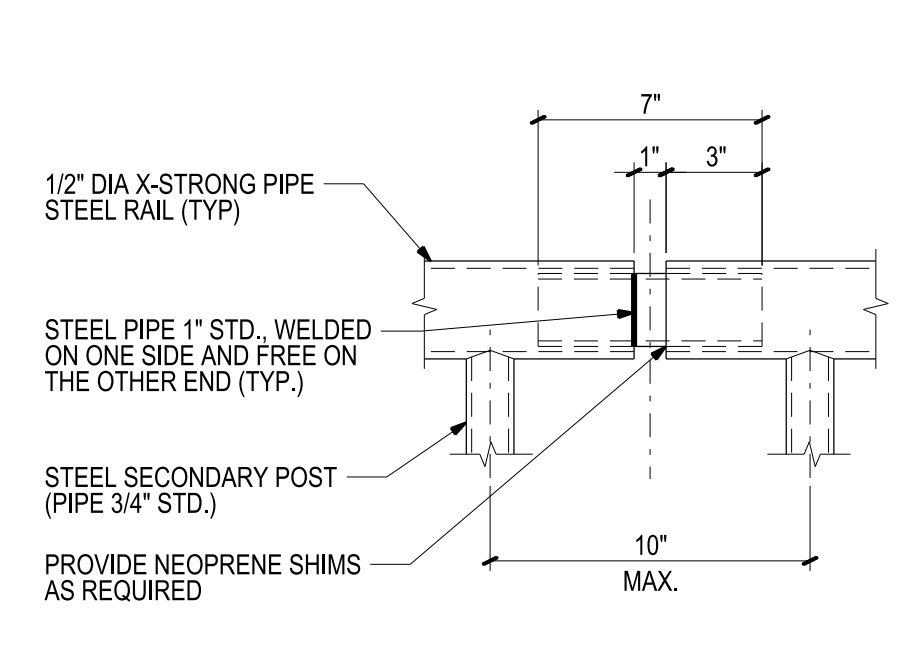
2 ELEVATION OF NEW PARAPET ROOF RAILING WITH FRAME/MESH PANELS
 SCALE: 2" = 1'-0"



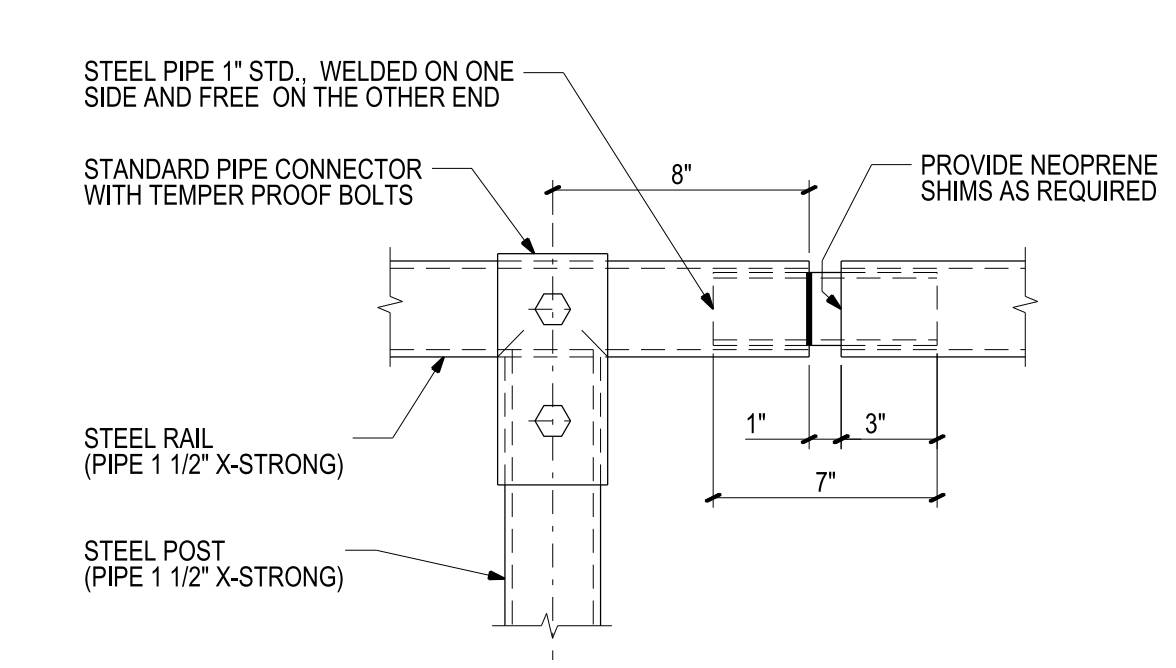
5 STEEL BASE PLATE DETAIL
 SCALE: 2" = 1'-0"



6 STEEL CONNECTION PLATE DETAIL
 SCALE: 2" = 1'-0"



7 RAIL CONNECTION DETAIL
 SCALE: 1" = 1'-0"



8 RAIL CONNECTION DETAIL
 SCALE: 1" = 1'-0"

- NOTES:**
1. ALL STEEL INCLUDING BOLTS TO BE HOT DIPPED GALVANIZED.
 2. ALL CONNECTIONS TO BE FIELD BOLTED.
 3. ALL WELDING IS TO BE CARRIED OUT IN THE SHOP. FIELD WELDING IS ALLOWED ONLY WITH WRITTEN APPROVAL OF THE E.O.R.
 4. HEIGHT OF POST STUB TO BE COORDINATED WITH THE THICKNESS OF THE ROOF BUILD-UP HEIGHT NOT TO EXCEED 6".
 5. RAILS MAY BE FABRICATED IN SINGLE PANELS OR LARGER.
 6. TUBE & PANEL TYPE ROOF RAIL SYSTEM SHOWN FOR SCHEMATIC PURPOSES ONLY, CONSULTANT TO CONFIRM FINAL DESIGN.

BY	Rev. No.	Submissions

Development:
 DEVELOPMENT NAME
 Building Address:
 123 MAIN STREET
 Building No.(s):
 1
 Borough of: Staten Island
 ORACLE No.: 9999

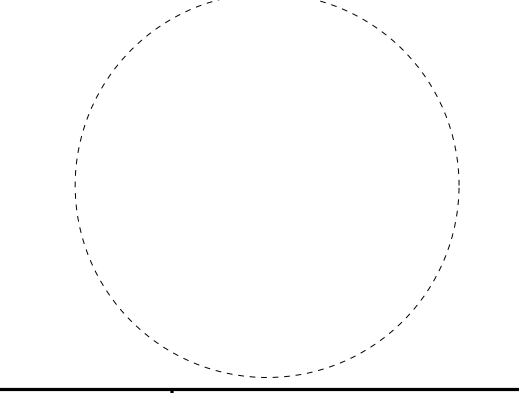
Key/Location Plan

Zone No.: R-XX Zoning Map No.: 00x
 Block No.: 0000 Lot No.: 0
 E.D.P. No.: 000
 Development No.: NY00XXXX

Contract No.: CM0000000
 Drawing Title:

TYPICAL ROOF RAILING DETAILS

Seal & Signature:



Drawn By: Tanna Melnikov
 Checked By: Nitin Saraiya
 Date: Nov. 00, 2014
 Scale:

Drawing No.: **S-001.00**

Sheet XX of XX

NOTES:

A. DEMOLITION OF PARAPET WALL AND TEMPORARY PROTECTION

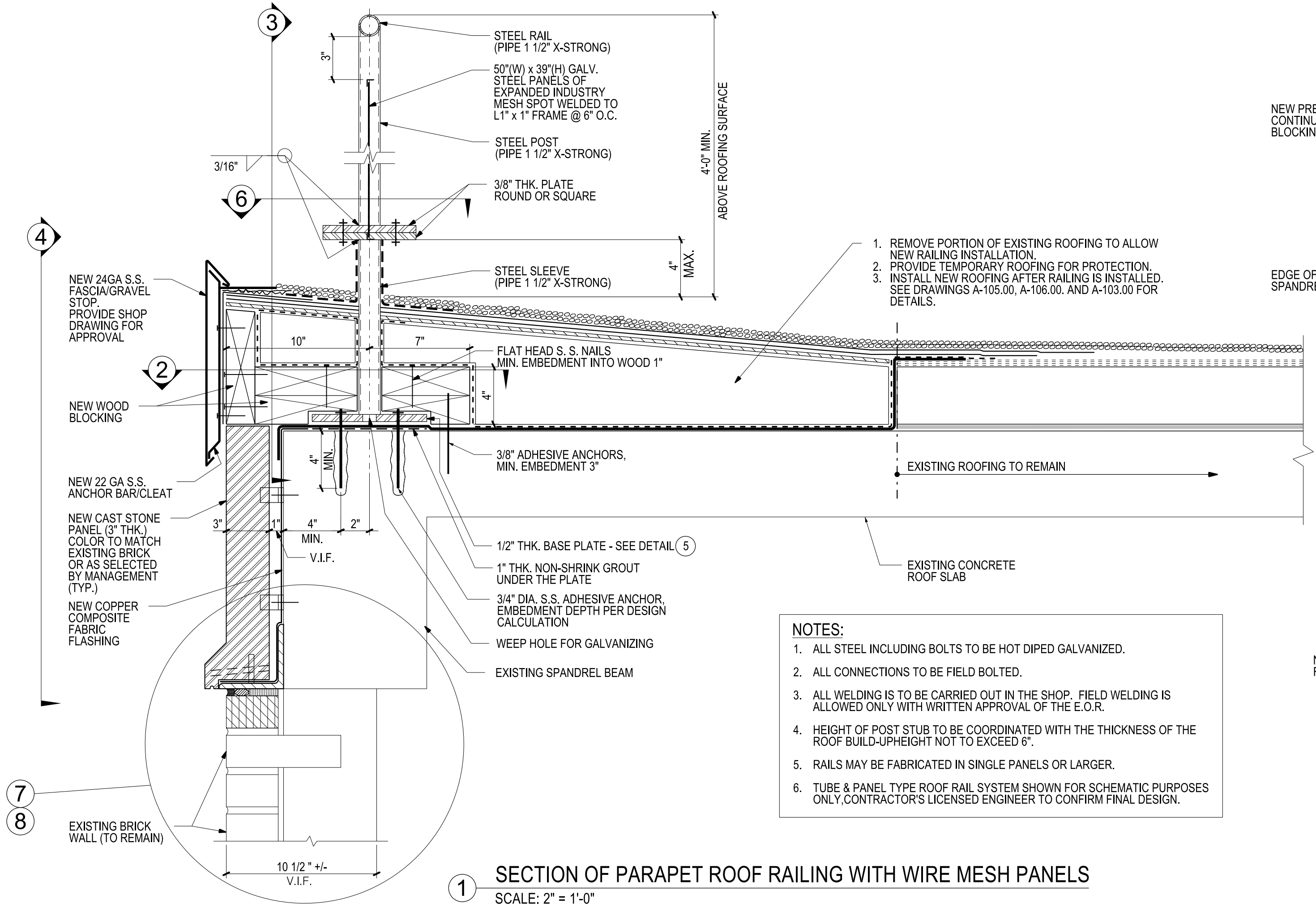
- BEFORE DISMANTLING THE PARAPET WALL, A STURDY WOOD/METAL ENCLOSURE 8FT. HIGH AND AT LEAST 200 S.F.T. SHALL BE BUILT ON ROOF AREA IN SUCH A WAY THAT IT DOES NOT DAMAGE THE ROOFING OR BULKHEADS AND IS NOT PASSABLE BY TENANTS/GENERAL PUBLIC. SHOP DRAWINGS SHALL BE SUBMITTED TO THE AUTHORITY'S REPRESENTATIVE FOR APPROVAL.
- REMOVE EXISTING COPINGS AND EXISTING CAP FLASHING AND THE EXISTING DOWELS AND ROOFING.
- CUT AND PROTECT THE ROOFING AS SHOWN IN CONTRACT DRAWING A-106.00 "SEQUENCE FOR TEMPORARY WATERPROOFING AND PROTECTION OF ROOF AND EDGE DURING PARAPET REMOVAL AND REPLACEMENT". BEFORE REMOVING ANY PART OF ROOFING, CONTACT THE ROOFING INSTALLER TO MAKE SURE THAT WARRANTY ON ROOFING DOES NOT GET VOIDED IF IT IS NOT TO BE REPLACED.
- FOR PARAPET WALL WITH CONCRETE DECK ROOF. REMOVE EXISTING PARAPET WALL INCLUDING ALL BRICK COURSES BELOW CONCRETE SPANDREL TO ONE COURSE BELOW EXISTING SHELF ANGLE/WINDOW LINTEL.
- REMOVE OLD MORTAR FROM TOP OF SPANDREL BEAM OR MASONRY WALL AND CLEAN ALL SURFACES.
- REMOVE THE EXISTING WATERPROOFING AND CAULKING.
- IF THE EXISTING SPANDREL FLASHING/WATERPROOFING/CAULKING IS TESTED POSITIVE FOR ASBESTOS, IT SHALL BE REMOVED AS PER ACM PROTOCOLS.

B. BUILDING PARAPET METAL RAILING.

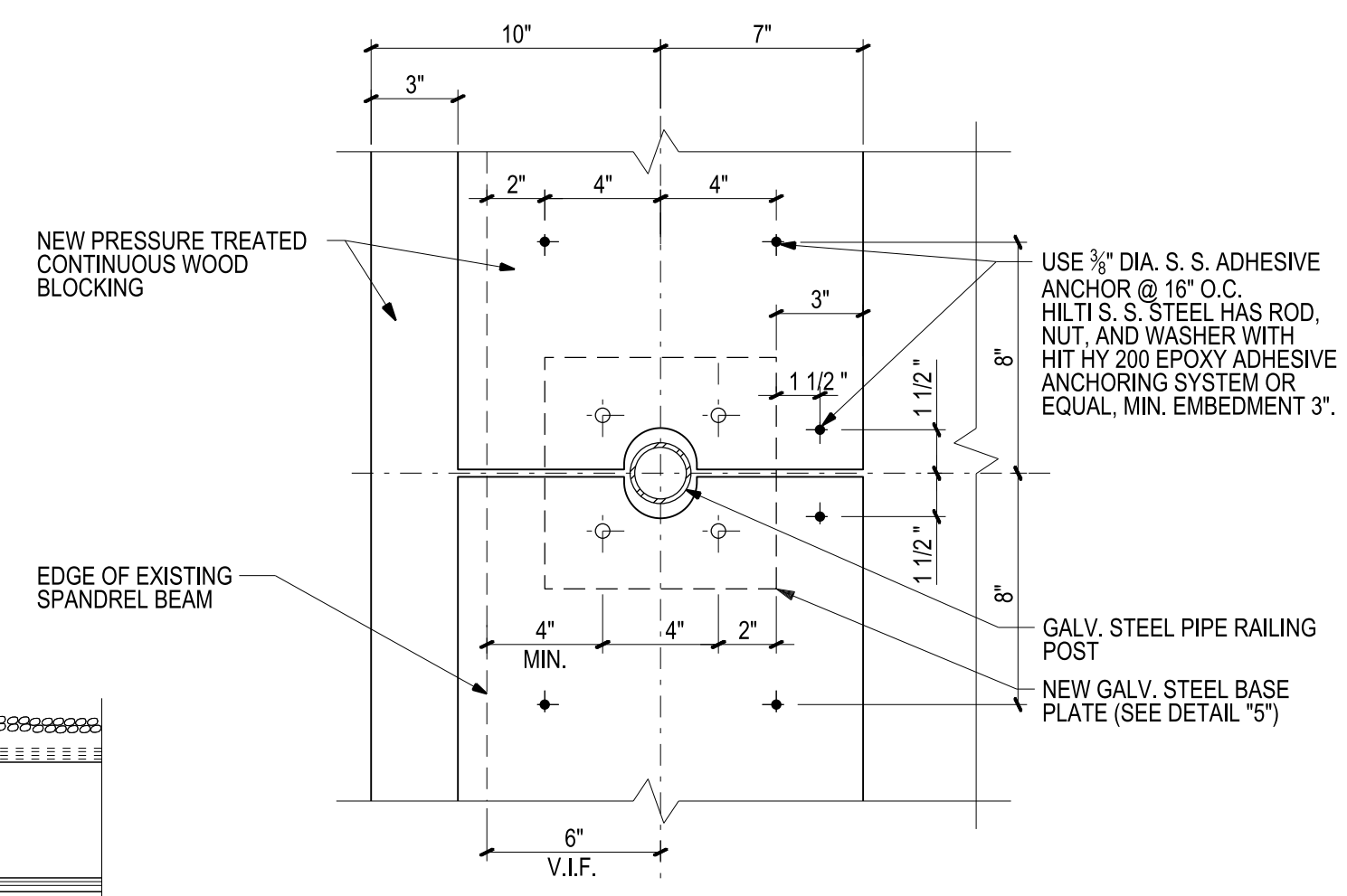
- INSTALL METAL BASE PLATE FOR THE RAILING PIPE SLEEVE ON CONCRETE SPANDREL BEAM.
- INSTALL NEW CAST STONE PANEL ON THE FACE OF CONCRETE SPANDREL. BUILD HORIZONTAL EXPANSION JOINT AT NEW SHELF ANGLE. REPAIR/PURGE CONCRETE SPANDREL BEAM IF REQUIRED AS PER TYPICAL DETAIL.
- INSTALL WOOD BLOCKING TO FORM A SLOPE ALONG THE ROOF EDGE ABOVE THE NEW CAST STONE PANEL AND THE METAL BASE PLATE.
- INSTALL NEW ROOF RAILING.
- INSTALL NEW METAL FASCIA.
- IMMEDIATELY FOLLOWING THE INSTALLATION OF NEW PIPE RAILING AND WALL FASCIA, INSTALL ENTIRE NEW ROOFING IN AFFECTED AREA PER DETAIL ON DRAWINGS A-105.00 AND A-106.00.

C. SHOP DRAWINGS

- CONTRACTOR TO SUBMIT THE SHOP DRAWINGS FOR THE TYPE AND INSTALLATION OF RAILING AND CAST STONE PANEL TO NYCHA REPRESENTATIVE FOR APPROVAL.
- CONTRACTOR TO SUBMIT THE SHOP DRAWINGS FOR TEMPORARY ROOF PROTECTION AS REQUIRED DURING DEMOLITION AND CONSTRUCTION.
- CONTRACTOR TO SUBMIT DESIGN CALCULATIONS FOR SHELF ANGLE, ANCHORS FOR SHELF ANGLE, NEW RAILING SYSTEM, ANCHORS FOR BASE PLATE, AND ANCHORS FOR NEW CAST STONE PANELS.

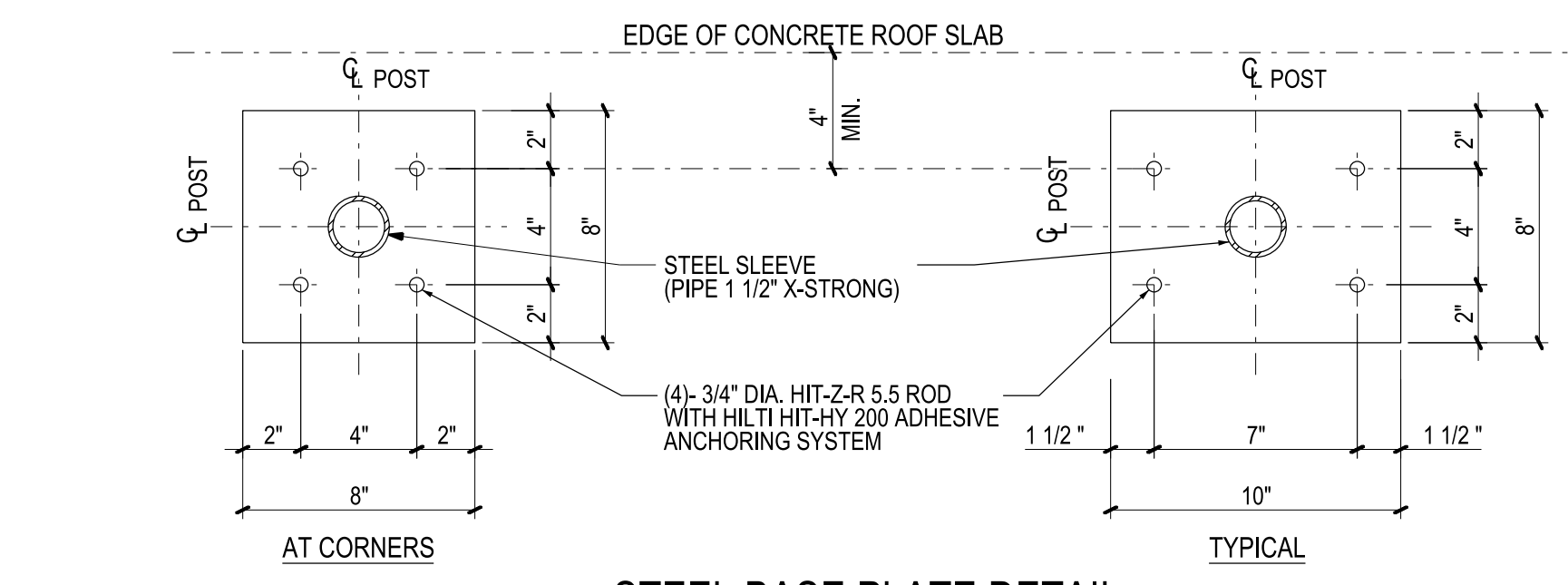


1 SECTION OF PARAPET ROOF RAILING WITH WIRE MESH PANELS
 SCALE: 2" = 1'-0"

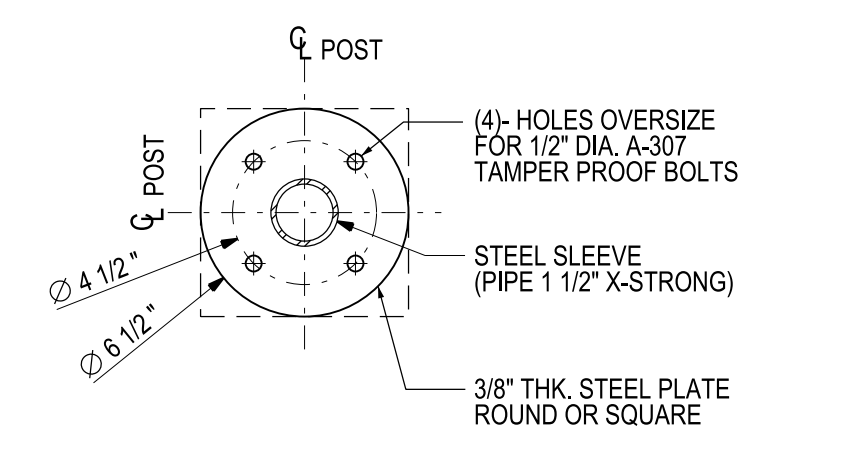


2 WOOD BLOCKING SECTION
 SCALE: 2" = 1'-0"

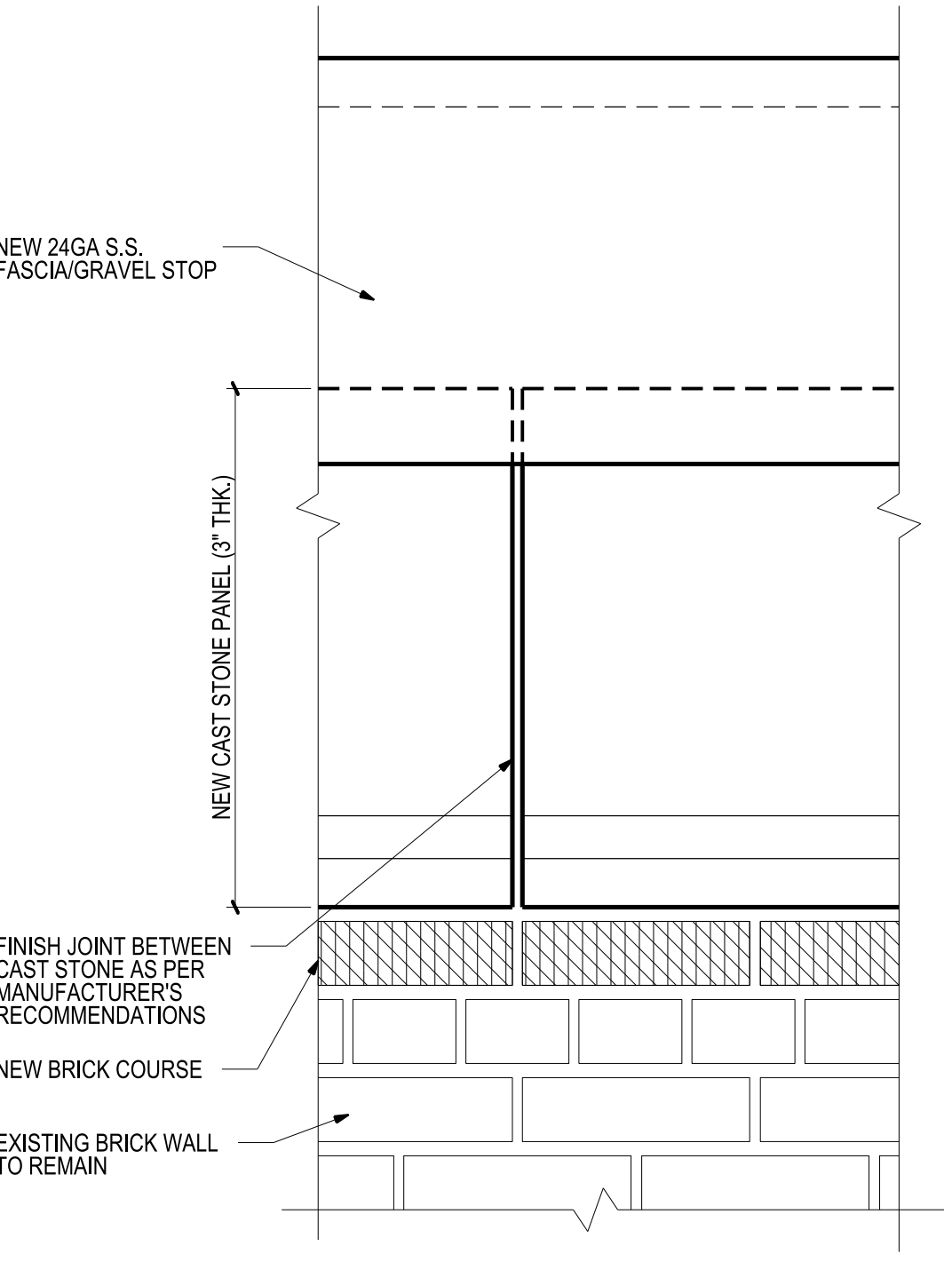
- NOTES:**
- ALL STEEL INCLUDING BOLTS TO BE HOT DIPPED GALVANIZED.
 - ALL CONNECTIONS TO BE FIELD BOLTED.
 - ALL WELDING IS TO BE CARRIED OUT IN THE SHOP. FIELD WELDING IS ALLOWED ONLY WITH WRITTEN APPROVAL OF THE E.O.R.
 - HEIGHT OF POST STUB TO BE COORDINATED WITH THE THICKNESS OF THE ROOF BUILD-UP HEIGHT NOT TO EXCEED 6".
 - RAILS MAY BE FABRICATED IN SINGLE PANELS OR LARGER.
 - TUBE & PANEL TYPE ROOF RAIL SYSTEM SHOWN FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR'S LICENSED ENGINEER TO CONFIRM FINAL DESIGN.



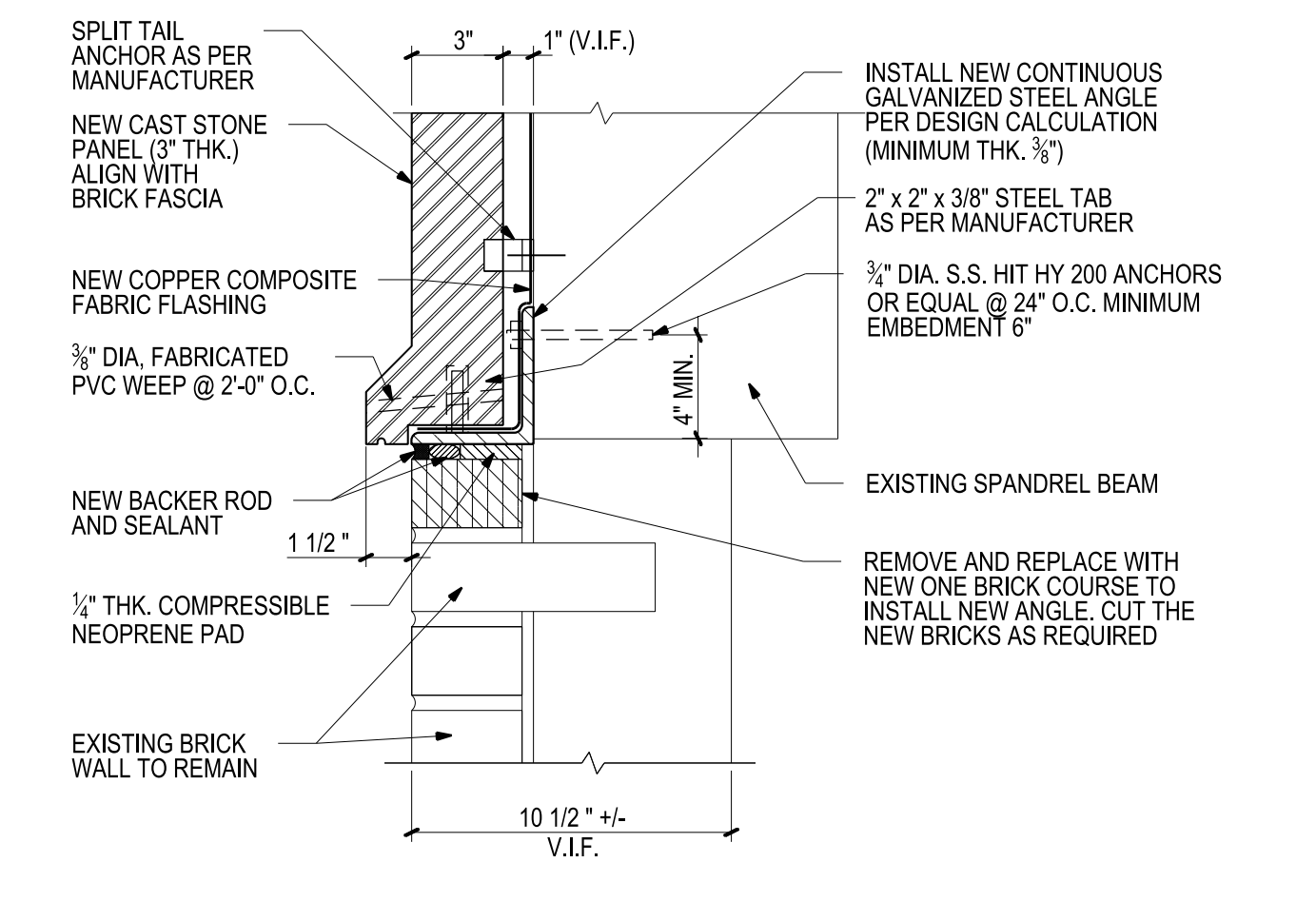
5 STEEL BASE PLATE DETAIL
 SCALE: 2" = 1'-0"



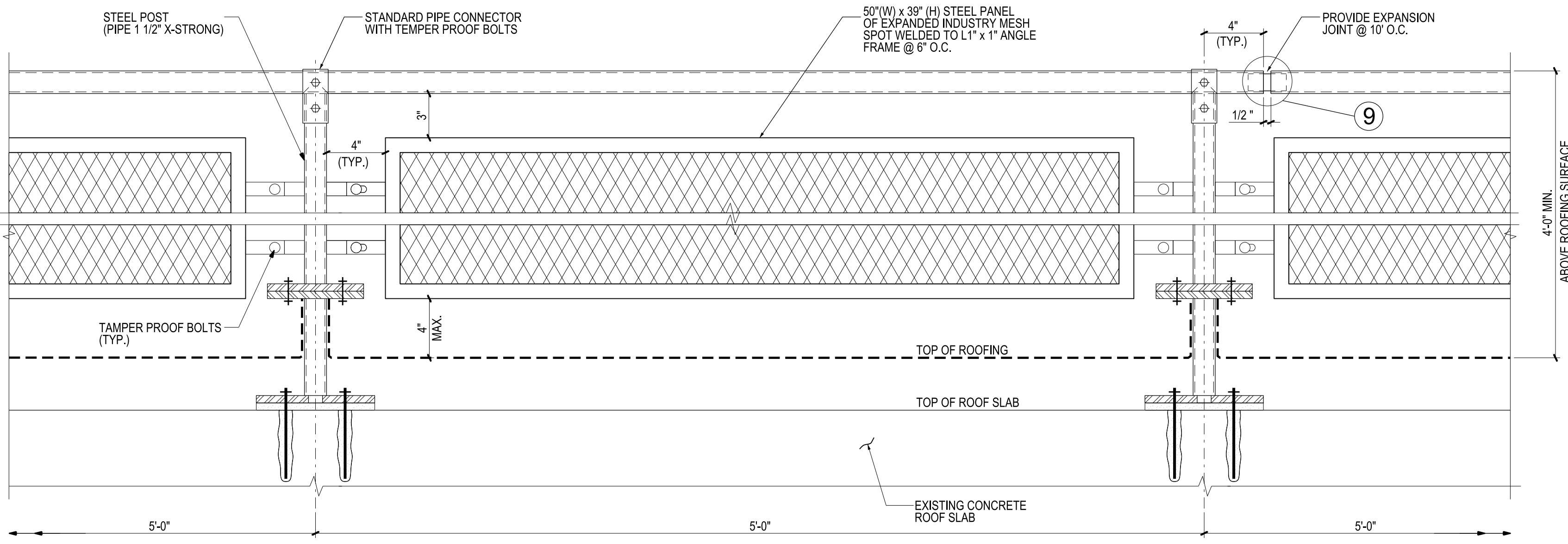
6 STEEL PLATES CONNECTION DETAIL
 SCALE: 2" = 1'-0"



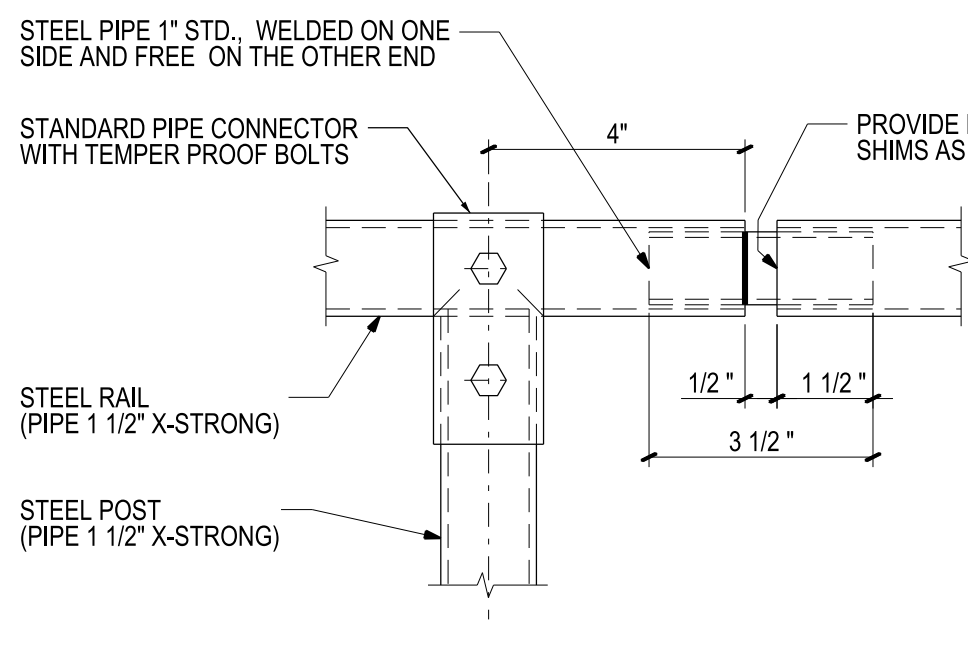
4 ELEVATION OF NEW CAST STONE PANEL
 SCALE: 2" = 1'-0"



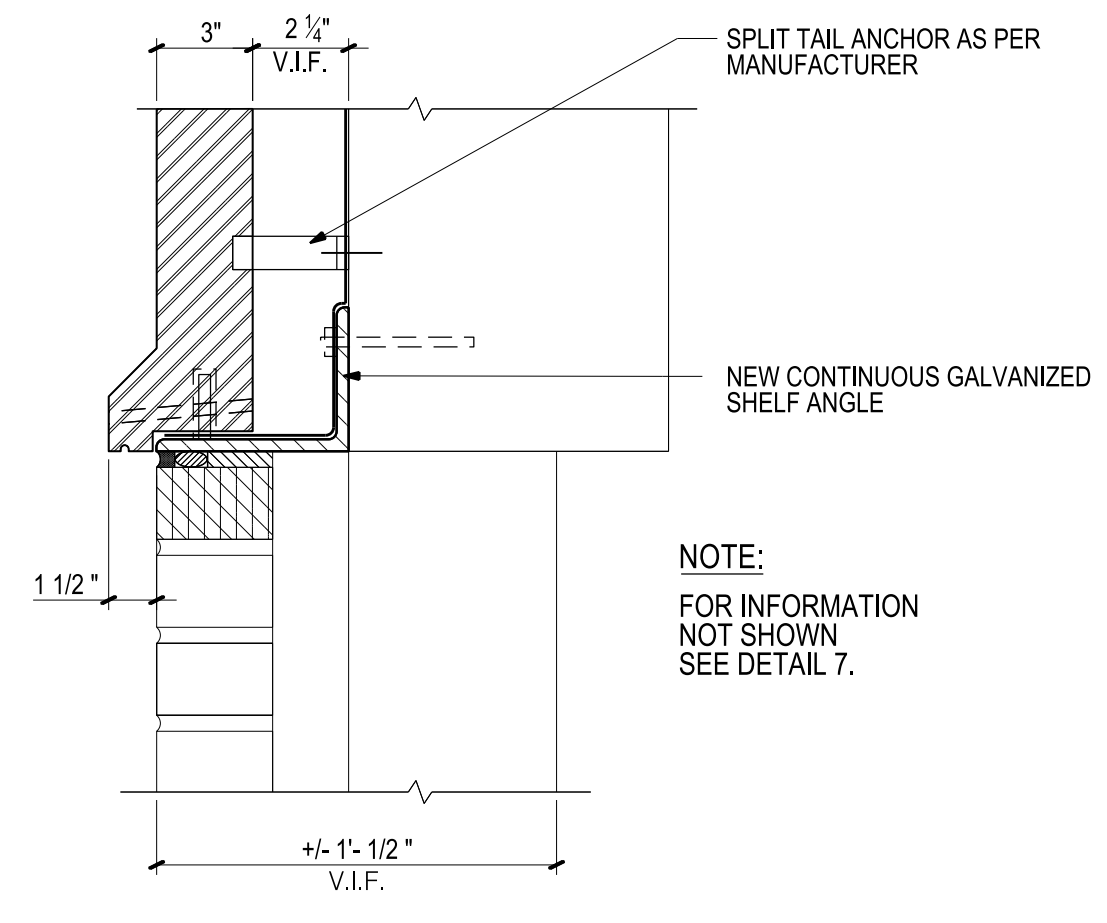
7 INSTALLATION DETAIL (SOLID WALL, BETWEEN WINDOWS)
 SCALE: 2" = 1'-0"



3 ELEVATION OF NEW PARAPET ROOF RAILING WITH FRAME/MESH PANELS
 SCALE: 2" = 1'-0"



9 RAIL CONNECTION DETAIL
 SCALE: 1" = 1'-0"



8 INSTALLATION DETAIL (CAVITY WALL, BETWEEN WINDOWS)
 SCALE: 2" = 1'-0"

BY	Rev. No.	Submissions

Development:
 DEVELOPMENT NAME
 Building Address:
 123 MAIN STREET
 Building No.(s):
 1
 Borough of:
 Staten Island
 ORACLE No.:
 9999

Key/Location Plan

Zone No.: R-XX Zoning Map No.: 00x
 Block No.: 0000 Lot No.: 0
 E.D.P. No.: 000
 Development No.: NY00XXXX

Contract Title:

Contract No.: CM0000000
 Drawing Title:

TYPICAL ROOF RAILING DETAIL

Seal & Signature:

Drawn By: Tanna Melnikov
 Checked By: Nitin Saraiya
 Date: Nov. 00, 2014
 Scale:

Drawing No.: **S-002.00**

Sheet XX of XX

BY	Rev. No.	Submissions

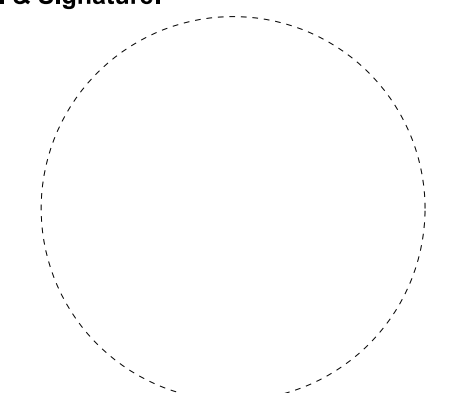
Development:
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 123 MAIN STREET
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 Staten Island 9999

Key/Location Plan

Zone No.: R-XX Zoning Map No.: 00x
 Block No.: 0000 Lot No.: 0
 E.D.P. No.: 000
 Development No.: NY00XXXX

Contract Title:
 Contract No.: CM0000000
 Drawing Title:

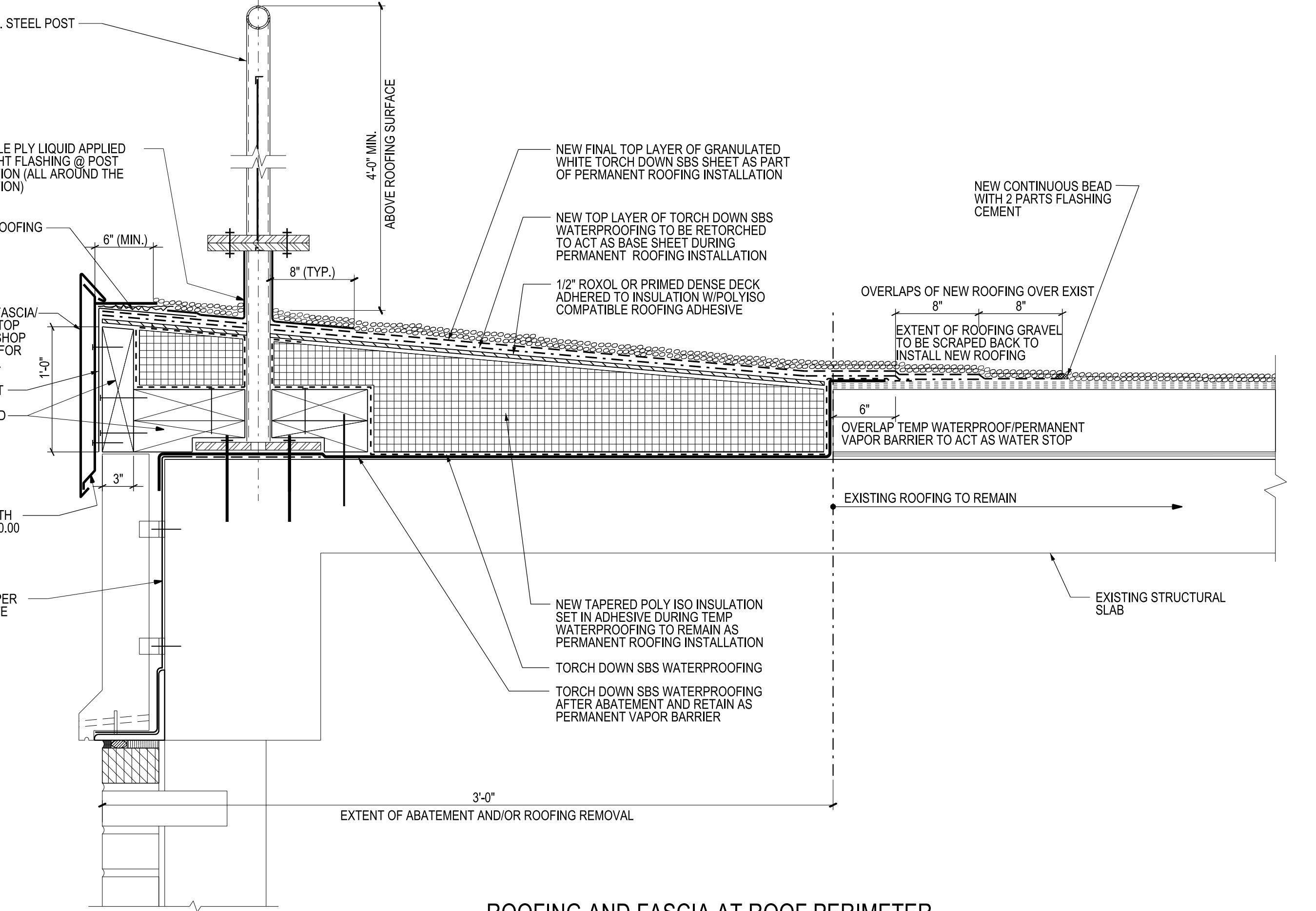
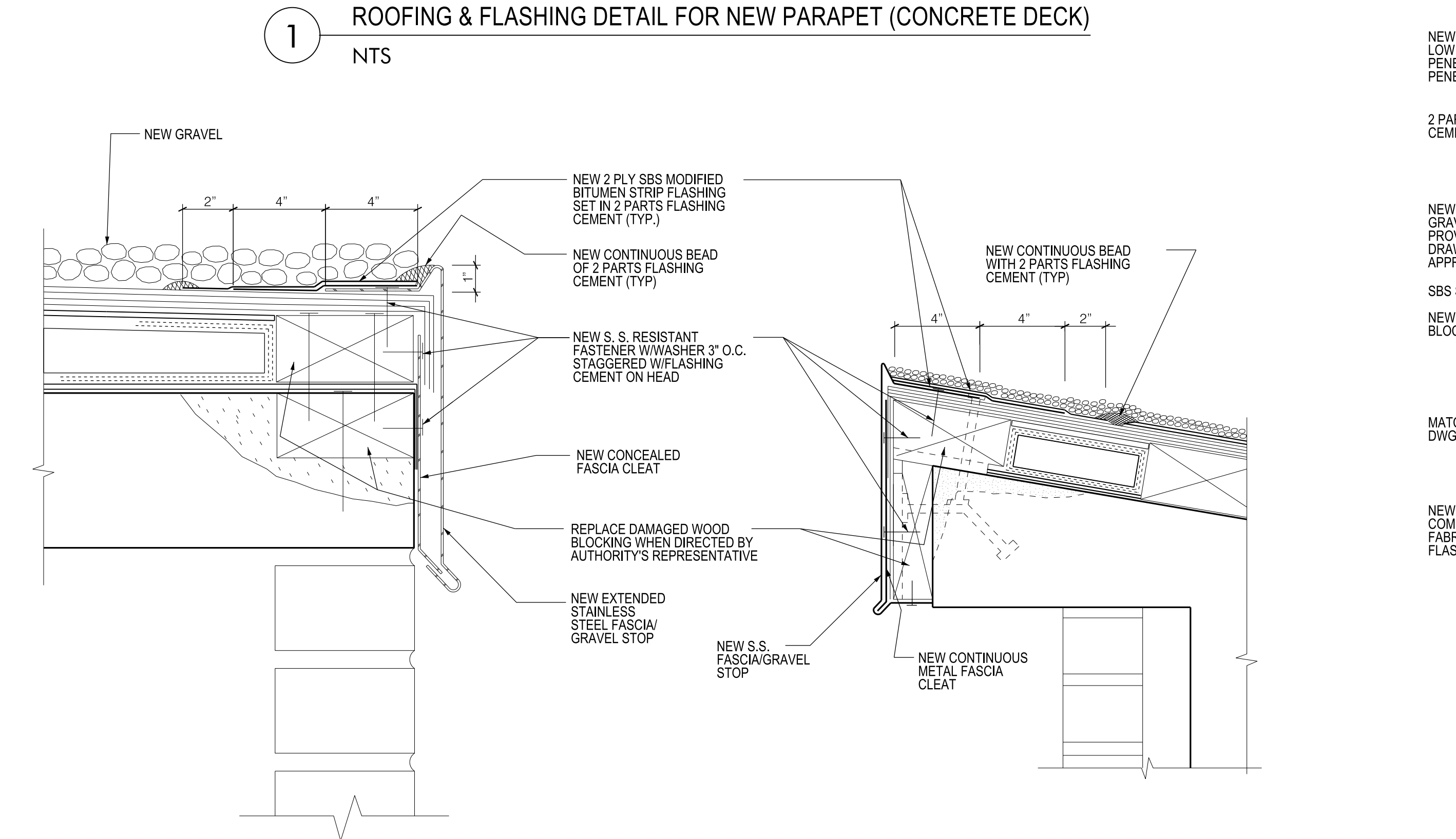
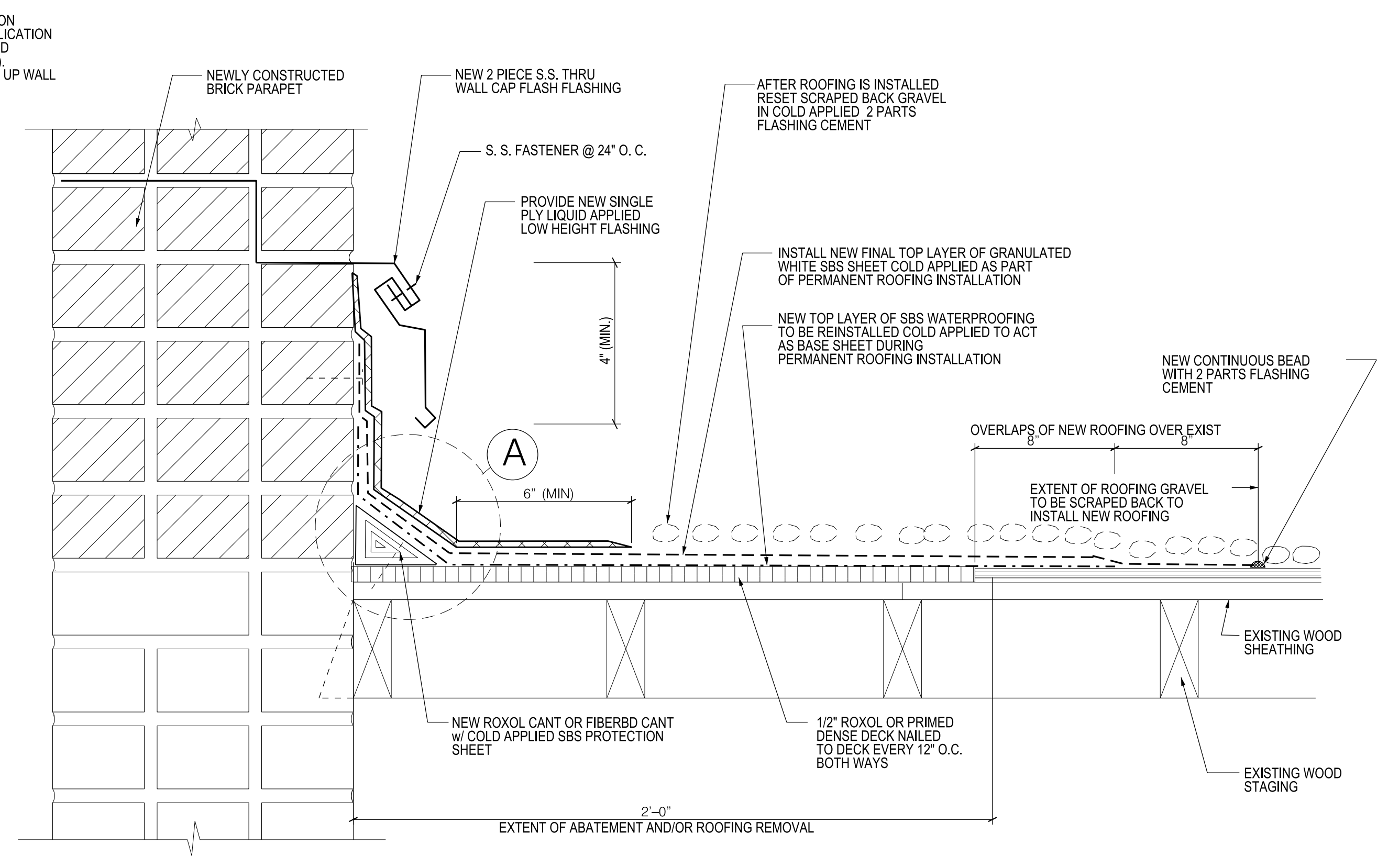
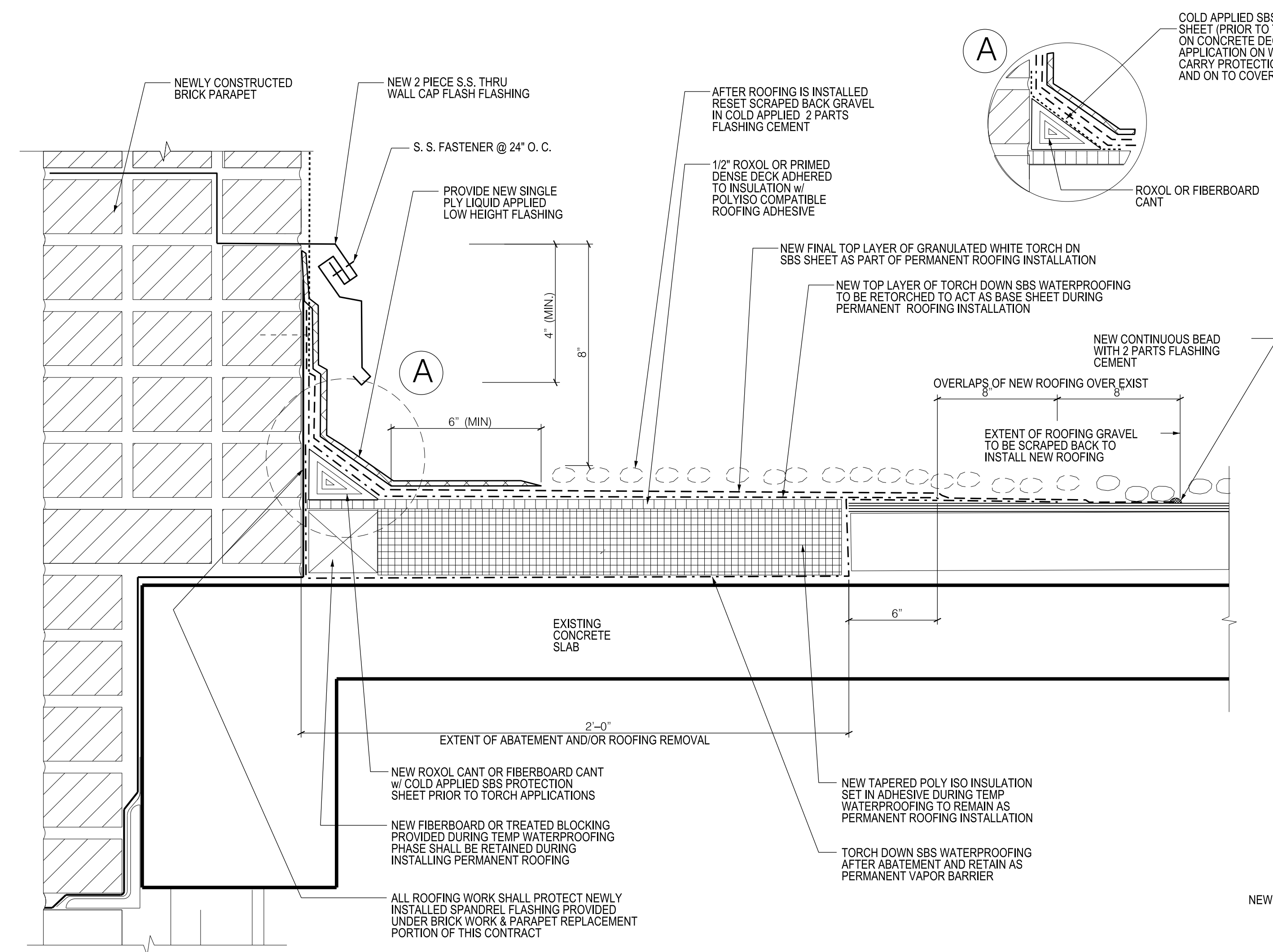
ROOFING AND FASCIA DETAILS

Seal & Signature:


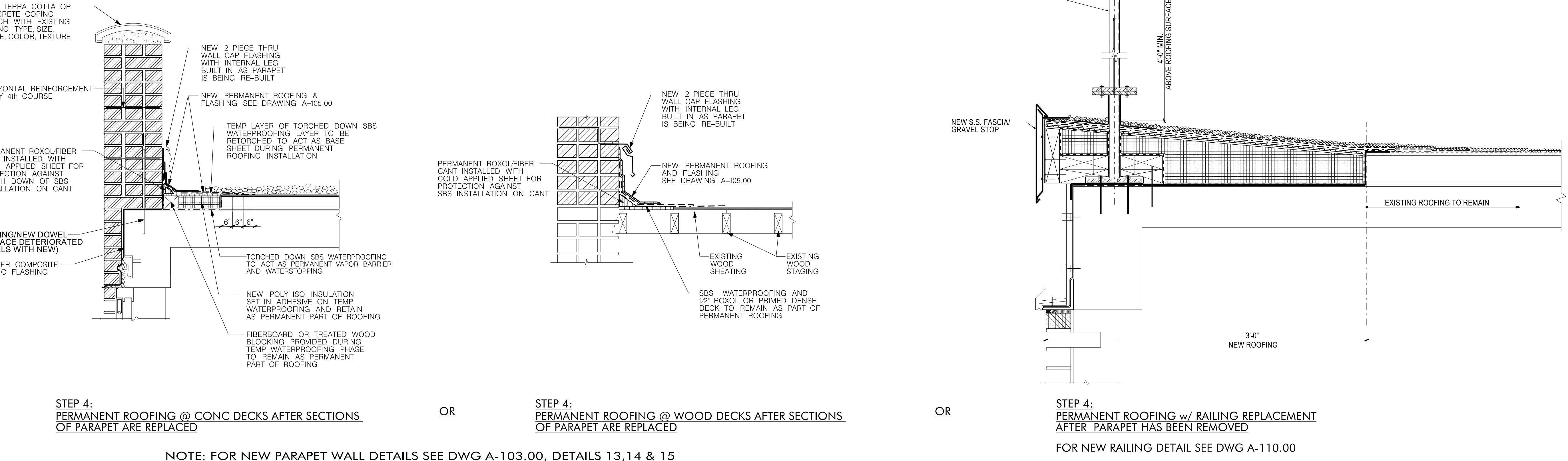
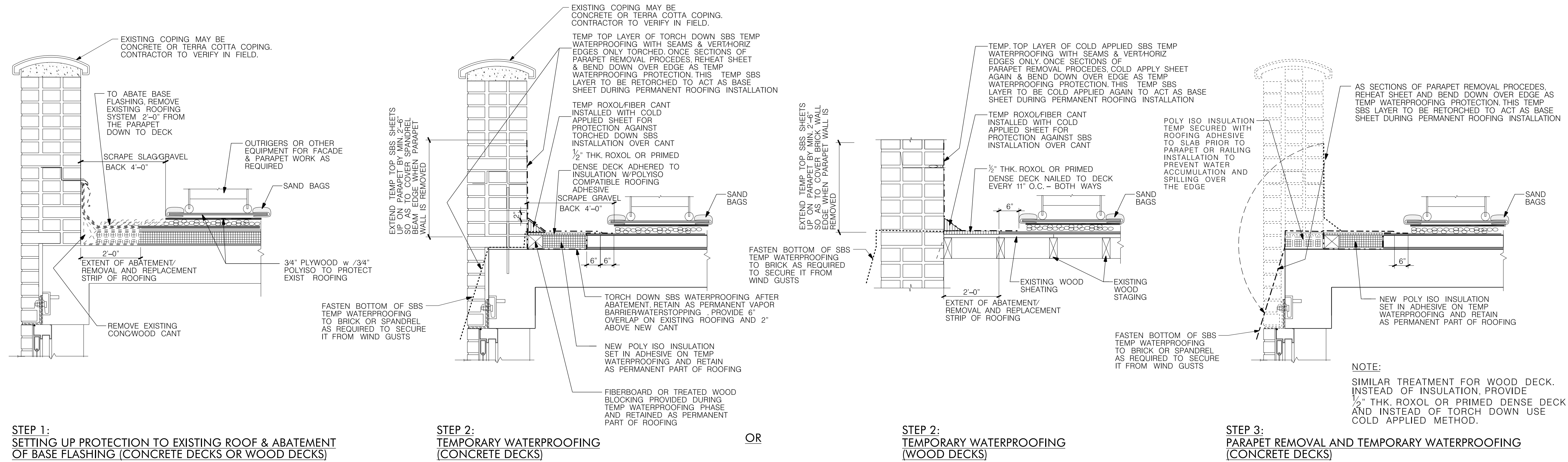
Drawn By: Tanna Melnikov
 Checked By: Nitin Saraiya
 Date: Nov. 00, 2014
 Scale:
 Drawing No.:

S-003.00

Sheet XX of XX



NOTES:
 1. AFTER ROOFING IS INSTALLED, RESET SCRAPED BACK GRAVEL OR INSTALL NEW GRAVEL IN COLD APPLIED CEMENT AS DIRECTED BY AUTHORITY'S REPRESENTATIVE
 2. WHERE EXISTING PARAPET WALL TO REMAIN AT ENDS OF NEW RAILING, EXTEND THE NEW LIQUID APPLIED BASE FLASHING BY 12" ON EXISTING ADJACENT BASE FLASHING. INSTALL NEW CAP FLASHING MATCHING EXISTING CAP FLASHING.
 3. FOR NEW RAILING DETAIL, SEE DWG A-110.00.



- REPAIR STEPS:**
1. THESE DETAILS ARE FOR CONTRACTOR'S REFERENCE ONLY.
 2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY WATERTIGHT PROTECTION DURING THE CONSTRUCTION WORK.
 3. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHOD OF ROOF PROTECTION.
 4. A STURDY WOOD/METAL ENCLOSURE 8 FT. HIGH AND AT LEAST 200 S.F. ROOF AREA SHALL BE BUILT IN SUCH A WAY THAT IT DOES NOT DAMAGE THE ROOFING OR BULKHEADS, AND IS NOT PASSABLE BY TENANTS OR GENERAL PUBLIC BEFORE DISMANTLING THE PARAPET WALL. SHOP DRAWINGS SHALL BE SUBMITTED TO THE AUTHORITY'S REPRESENTATIVE FOR APPROVAL.

SEQUENCE FOR TEMPORARY WATERPROOFING & PROTECTION OF ROOF & EDGE DURING ASBESTOS ABATEMENT & PARAPET REMOVAL/REPLACEMENT

NTS

BY	Date	Rev. No.	Submissions

Development:
 DEVELOPMENT NAME
 Building Address:
 123 MAIN STREET
 Building No.(s):
 1
 Borough of: Staten Island
 ORACLE No.: 9999

Key/Location Plan

Zone No.: R-XX Zoning Map No.: 00x
 Block No.: 0000 Lot No.: 0
 E.D.P. No.: 000
 Development No.: NY00XXXX

Contract Title:
 Contract No.: CM0000000

Drawing Title:
SEQUENCE FOR TEMPORARY WATERPROOFING AND PROTECTION OF ROOF & EDGE DURING PARAPET REMOVAL AND REPLACEMENT

Seal & Signature:

Drawn By: Tanna Melnikov
 Checked By: Nitin Saraiya
 Date: Nov. 00, 2014
 Scale:
 Drawing No.:

S-004.00

Sheet XX of XX