| LEGEN | ND |
|---------------|---|
| | |
| | INDICATES EXTENT OF DEM 01 : DEMOLITION OF PVC ROOFING ON CONCRETE/GYPSUM DECK |
| | |
| | INDICATES EXTENT OF DEM 02 : |
| | DEMOLITION OF HYBRID ROOFING ON METAL DECK |
| | INDICATES EXTENT OF DEM 03 : |
| | DEMOLITION OF CONCRETE TOPPING SLAB AND WATERPROOFING ON CONCRETE DECK |
| | INDICATES EXTENT OF DEM 04 : |
| | DEMOLITION OF PVC ROOFING AND PAVERS ON CONCRETE |
| | DECK |
| | INDICATES EXTENT OF DEM 05 : |
| | DEMOLITION OF PVC ROOFING AND PAVERS ON CONCRETE FILL |
| | |
| - \$ - | INDICATES EXISTING ROOF DRAIN |
| 0 | INDICATES EXISTING PIPE PENETRATION TO REMAIN |
| | INDICATES EXISTING 'REGULAR SHAPE', TUBE, STEEL PEDESTAL PENETRATION TO REMAIN |
| 0 • | PEDESTAL PENETRATION TO REMAIN |
| | INDICATES EXISTING MECHANICAL UNITS TO REMAIN |
| · | INDICATES EXISTING RAILING TO REMAIN |
| \bigcirc | |
| 9 | INDICATES ROOF AREA NUMBER |

DEMOLITION NOTES

- CONTRACTOR SHALL REMOVE & DISPOSE OF ALL EXISTING MEMBRANES, WOOD BLOCKING, VAPOR RETARDANTS, INSULATION, FLASHING & RELATED MATERIALS DOWN TO THE CONCRETE / METAL DECK (EXCEPT WHERE INDICATED TO REMAIN IN THE ASSOCIATED RESTORATION ASSEMBLY DETAIL).
- CONTRACTOR SHALL REMOVE & DISPOSE OF ALL EXISTING PITCH POCKETS AND RELATED ACCESSORIES.
- COORDINATE WITH ALL TRADES TO ENSURE ROOF SYSTEM REMAINS WATER TIGHT THROUGHOUT CONSTRUCTION.
- EXISTING DRAINS, SUPPORTS, PIPES AND VENTILATORS TO BE MADE WATERTIGHT IN THEIR EXISTING CONFIGURATION AFTER ROOFING DEMOLITION. SEE ROOF PLAN FOR LOCATIONS AND MODIFICATION REQUIREMENTS FOR FINAL ROOF INSTALLATION.
- CONTRACTOR SHALL PROTECT EXISTING MECHANICAL EQUIPMENT DURING DEMOLITION OF EXISTING ROOFING & INSTALLATION OF NEW ROOFING.
- ALL EXISTING ROOFTOP ELECTRICAL/MECHANICAL EQUIPMENT/CONDUIT INTERFERING WITH INSTALLATION OF NEW ROOFTOP SYSTEM IS TO BE TEMPORARILY DISCONNECTED, ADJUSTED AND RECONNECTED UPON COMPLETION OF WORK BY A NYC LICENSED ELECTRICIAN.
- TEMPORARILY DISCONNECT EXISTING CONDUITS AND PIPES AS REQUIRED TO INSTALL NEW ROOF AND FLASHING; RECONNECT AFTER NEW ROOF AND FLASHING IS IN PLACE; RECONNECTION SHALL BE DONE BY NYS LICENSED PLUMBER/ELECTRICIAN AND COORDINATED WITH FACILITIES (TYP.)
- PROVIDE NEW CONDUIT/PIPING SUPPORTS APPROVED BY ROOFING SYSTEM MANUFACTURER
- ALL COSTS RELATED TO DISCONNECTING, RESETTING, REPLACEMENT, REPAIR AND RECONNECTING OF EXISTING CONDUITS/PIPING SHALL BE INCLUDED IN BASE BID.
- AT TERRACE #11 & #13 DISCONNECT EXISTING DEFUNCT SNOW MELTING COILS EMBEDDED IN EXISTING CONCRETE TOPPING SLAB PRIOR TO BEGINNING OF WORK AT THOSE AREAS. (BUILDING ENTRANCE DOORS)
- COORDINATE WITH BUILDING FACILITY REGARDING DISCONNECTION OF COILS AND ELECTRICAL PANEL LOCATION.

RESTORATION SCHEDULE

| ID CODE RESTORATION ITEM | | DWG. |
|---|---|--------|
| CON 01 | Concrete Deck Repair / Fill | A-501 |
| DCK 01 | Metal Deck Repair | A-501 |
| DEM 01 | Demolition: PVC Roofing on Conc./Gypsum Deck | DM-102 |
| DEM 02 | Demolition: Hybrid Roofing on Metal Deck | DM-102 |
| DEM 03 | Demolition: Conc. Topping Slab/W.P. on Conc. Deck | DM-102 |
| DEM 04 | Demolition: PVC Roofing/Pavers on Conc. Deck | DM-102 |
| DEM 04 | Demolition: PVC Roofing/Pavers on Conc. Fill | DM-102 |
| FIL 01 Concrete deck negative slope repair / fill | | A-501 |
| PCH 01 Gypsum deck repair | | A-501 |
| PCH 02 | Roof Membrane Patch: Built-up Roofing | A-503 |
| JNT 01 | Sealant Replacement | A-524 |
| | | |

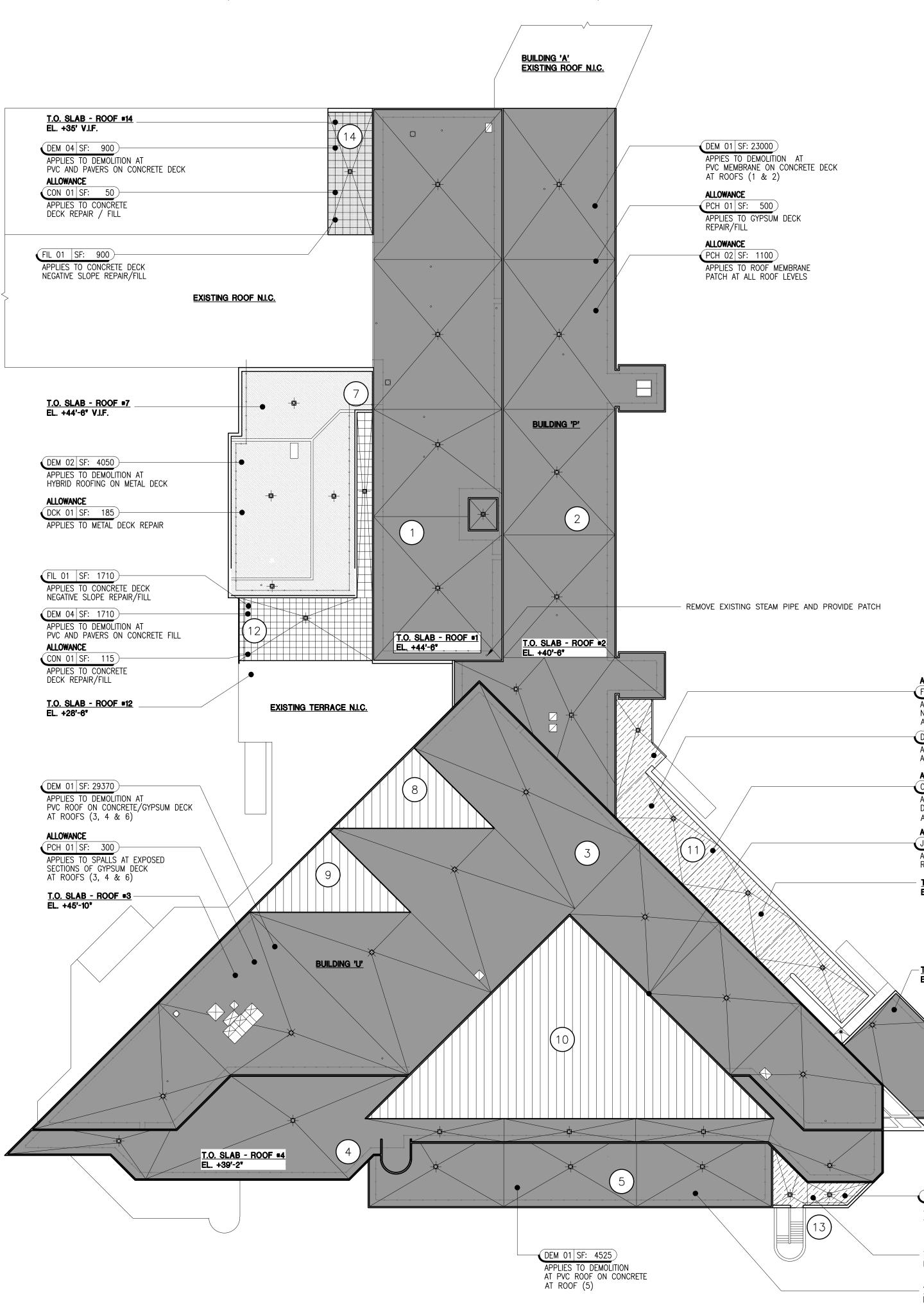
APPLIES TO DEMOLITION AT ALLOWANCE APPLIES TO CONCRETE DECK REPAIR / FILL

(DEM 02 SF: 4050)-APPLIES TO DEMOLITION AT

APPLIES TO DEMOLITION AT ALLOWANCE (CON 01 SF: 115)-

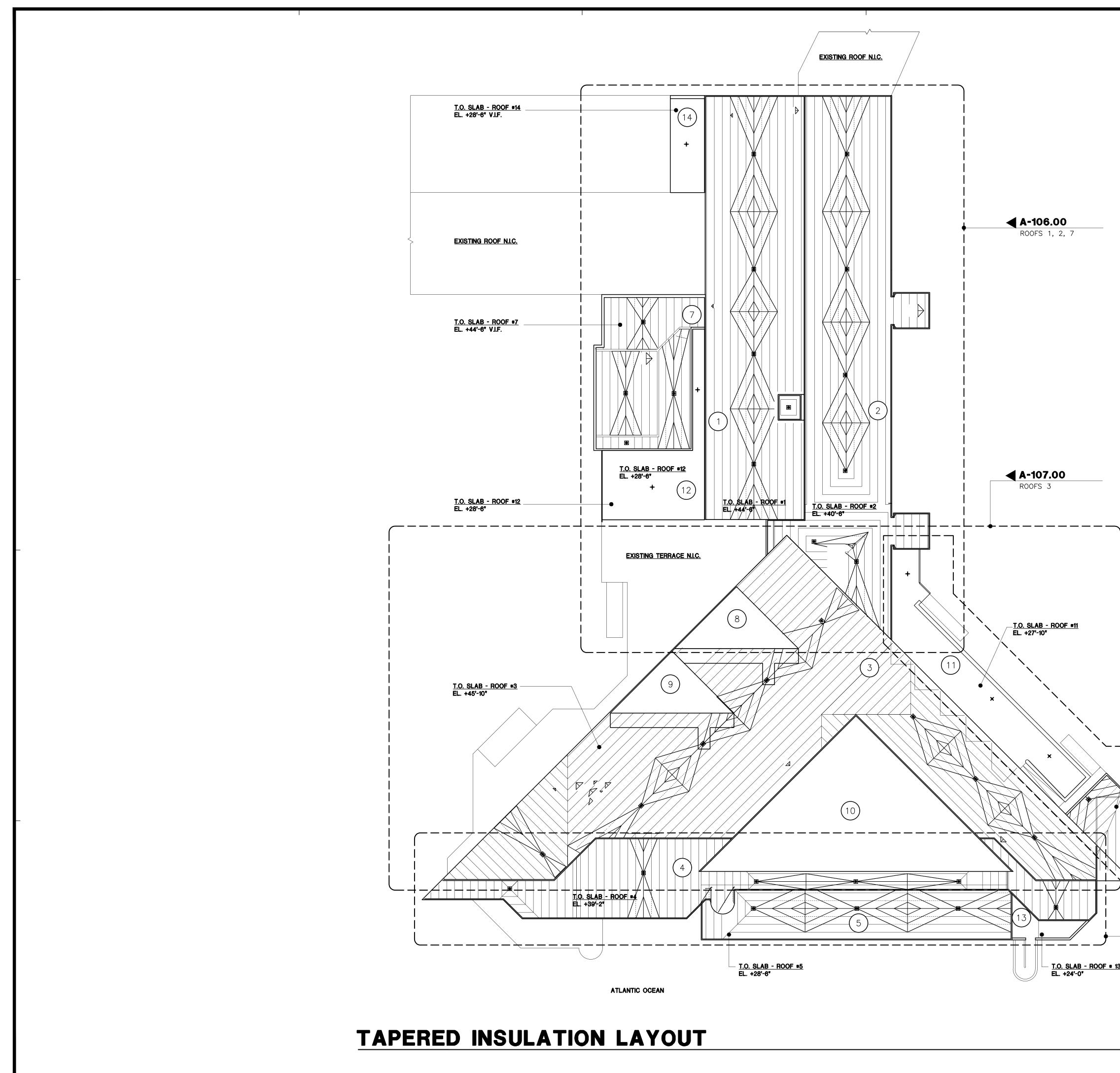
DECK REPAIR/FILL

(PCH 01 SF: 300)-

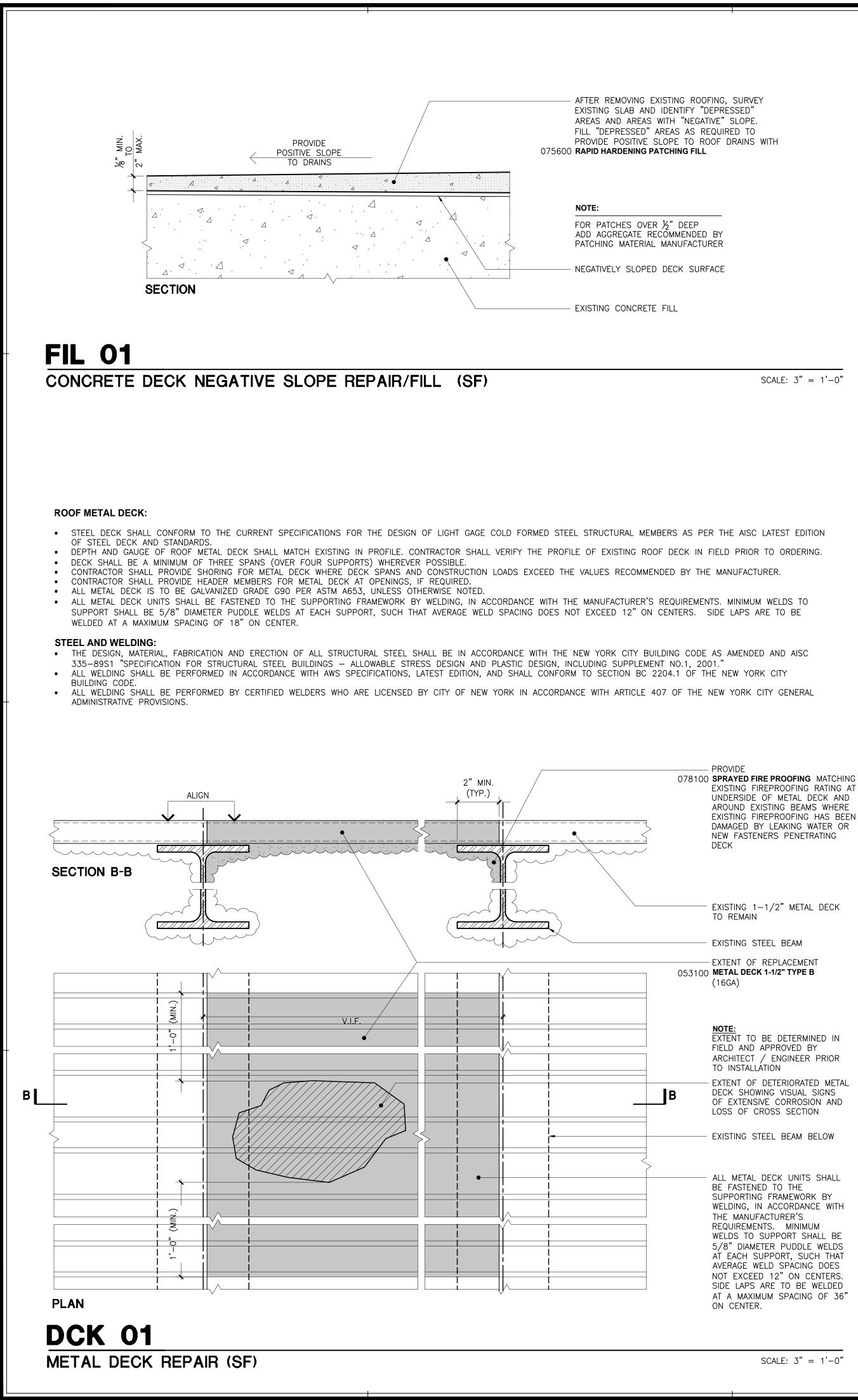


ROOF DEMOLITION PLAN

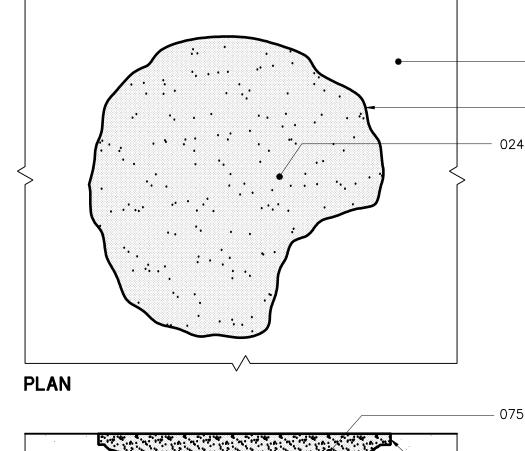
| | | SUPER SUPER SUPER STRUCTURES Engineers Architects S2 AVE OF THE AMERICAS NEW YORK, NY 10013 TEL 212 505 1133 FAX 212 505 1726 |
|---|------------------------------------|--|
| | | Project Key |
| LOWANCE L 01 SF: 350 PPLIES TO CONCRETE DECK EGATIVE SLOPE REPAIR/FILL T TERRACE ROOFS EM 03 SF: 3300 PPLIES TO DEMOLITION F CONCRETE TOPPING SLAB | | |
| LOWANCE DN 01 SF: 175 PPLIES TO CONCRETE ECK REPAIR / FILL T TERRACE ROOFS (11 & 13) LOWANCE NT 01 SF: 300 PPLIES TO SEALANT EPLACEMENT .O. SLAB - ROOF *11 L. +27'-10* | | Revisions Description Date: Number Description I I I I I I I I I I I I I |
| <u>.O. SLAB - ROOF *6</u> L. +24'-6" | | Project Title |
| | DOB Employee Stamp and Signatures: | BUILDINGS "U" AND "P" Drawn By: Checked By: Date: DASNY Project No: Sheet Title |
| DEM 03 SF: 550 APPLIES TO DEMOLITION AT CONCRETE TOPPING SLAB T.O. SLAB - ROOF • 13 EL. +24'-0' T.O. SLAB - ROOF • 5 EL. +28'-6' | DOB Scan Sticker | Sheet Number |
| SCALE: 3/64" = 1'-0" | | DM-101.00 |



| | | c |
|---|------------------------------------|---|
| | | |
| | | SUPER + STRUCTURES - BRINEERS ARCHITECTS S2 AVE OF THE AMERICAS NEW YORK, NY 10013 TEL 212 505 1133 FAX 212 505 1728 |
| | | Project Key |
| A-108.00 ROOFS 6 T.O. SLAB - ROOF #6 EL. +24'-6" | | Revisions Number Description |
| 6 6 6 7 7 8 7 8 7 8 7 8 7 8 8 9 9 | DOB Employee Stamp and Signatures: | Drawn By: Checked By: Date: DASNY Project No: Sheet Title |
| BOOFS 4, 5 | DOB Scan Sticker | TAPERED INSULATION LAYOUT KEYPLAN Sheet Number Page 13 of 50 A-105.000 |
| | | $ A^{-1}0J.00 $ |



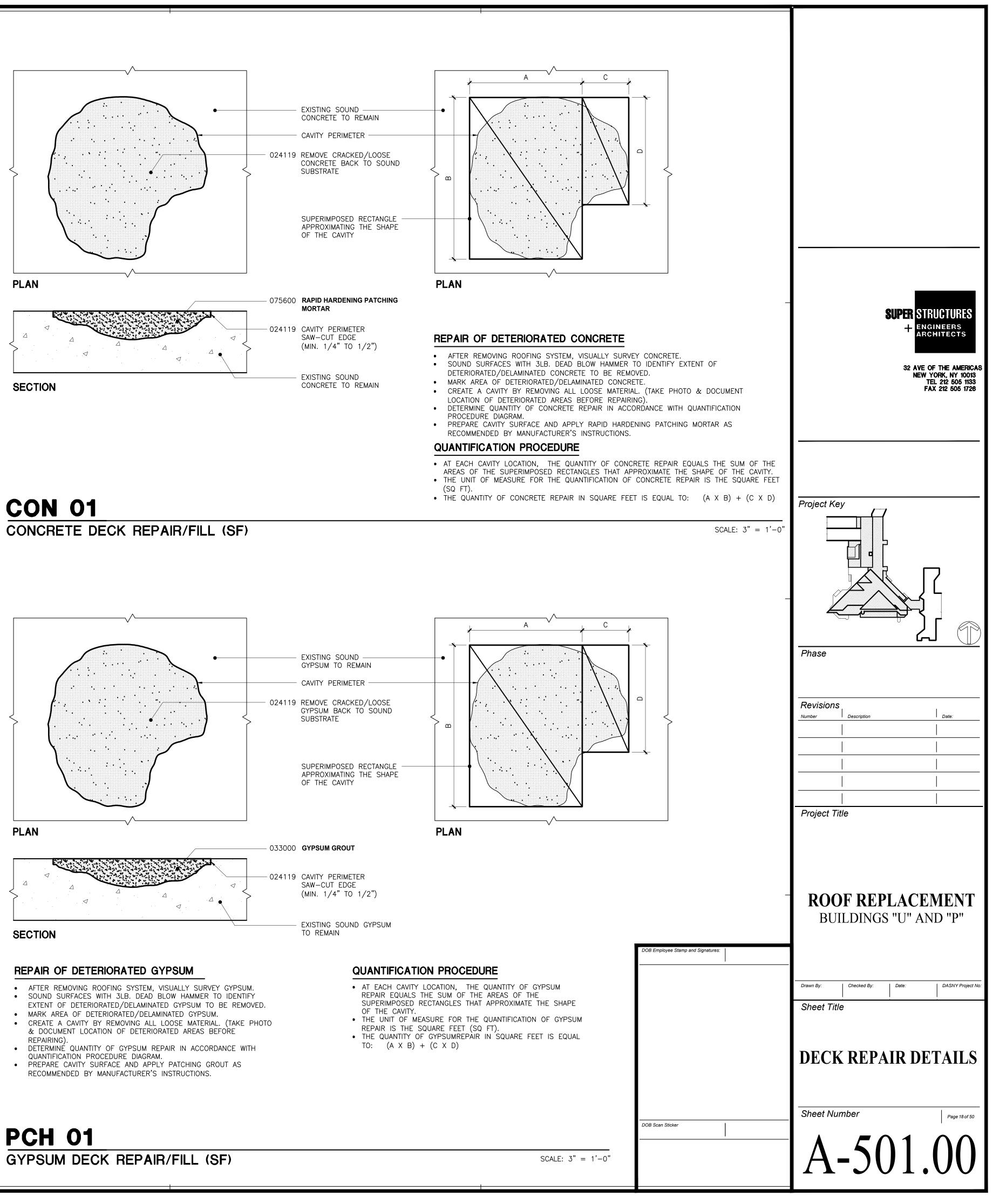
SCALE: 3'' = 1' - 0''



- CAVITY PERIMETER -



CONCRETE DECK REPAIR/FILL (SF)

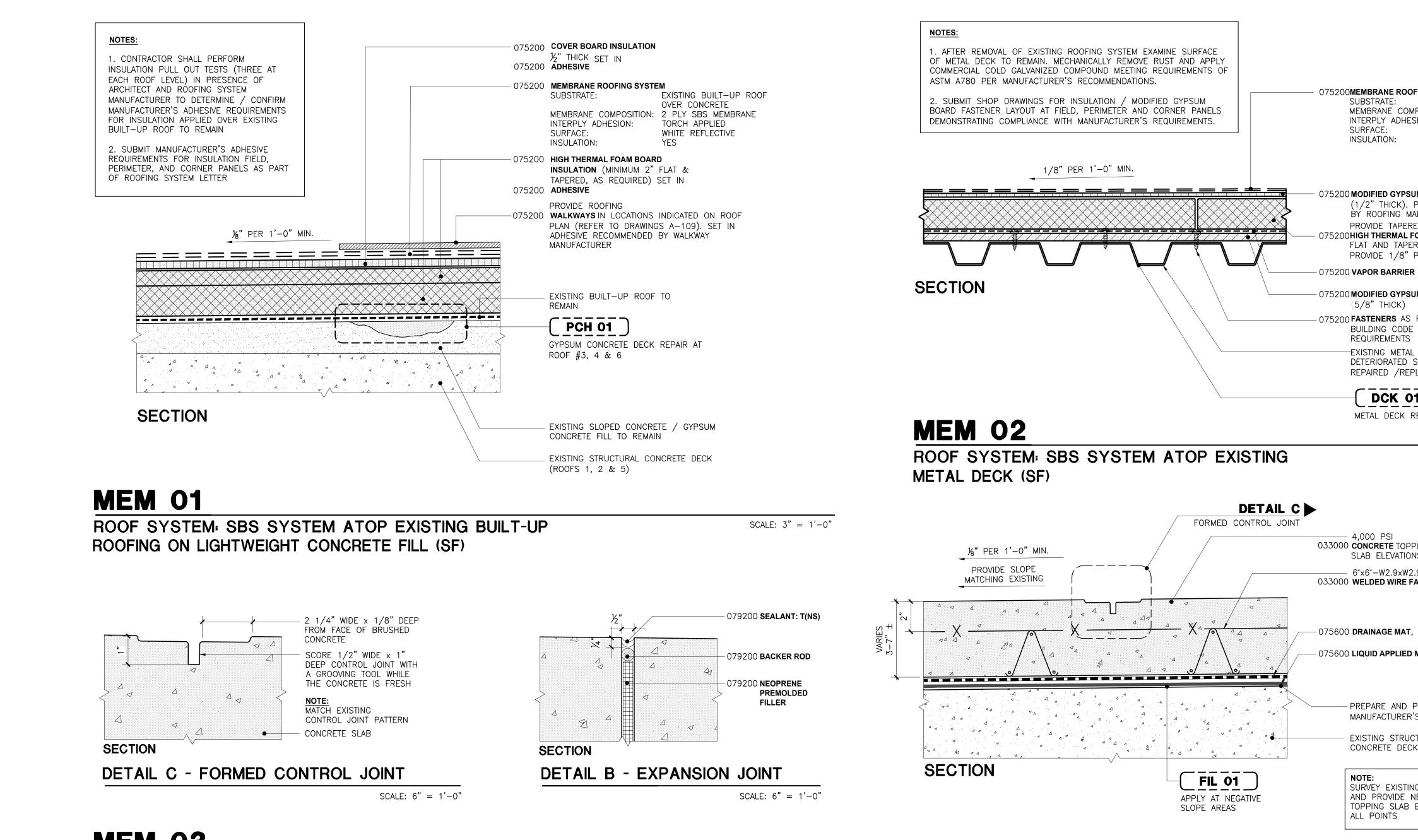


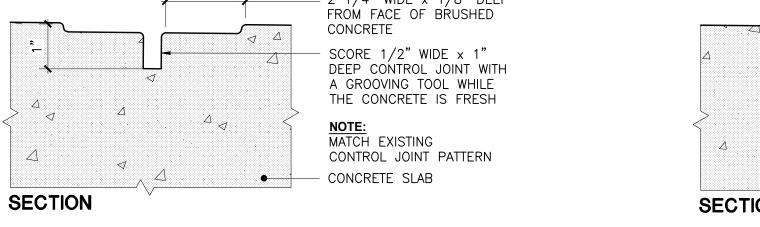
REPAIR OF DETERIORATED GYPSUM

- AFTER REMOVING ROOFING SYSTEM, VISUALLY SURVEY GYPSUM. SOUND SURFACES WITH 3LB. DEAD BLOW HAMMER TO IDENTIFY

BE FASTENED TO THE SUPPORTING FRAMEWORK BY WELDING, IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. MINIMUM WELDS TO SUPPORT SHALL BE 5/8" DIAMETER PUDDLE WELDS AT EACH SUPPORT, SUCH THAT AVERAGE WELD SPACING DOES NOT EXCEED 12" ON CENTERS. SIDE LAPS ARE TO BE WELDED AT A MAXIMUM SPACING OF 36" ON CENTER.

SCALE: 3'' = 1' - 0''





MEM 03

ROOF SYSTEM: CONCRETE TOPPING SLAB ATOP LIQUID APPLIED MEMBRANE SYSTEM OVER EXISTING STRUCTURAL CONCRETE DECK (SF)

| NOTES: | | | 075600 | PROVIDE) GRAVEL BALLAST IN NOT INSTALLED |
|---|--|-------------------------------------|--------|---|
| PROVIDE NEW CONCRE ENTIRE ROOF #14 WIT TO DRAINS. | | | 075600 | PROVIDE 18"X 18" D CONCRETE PAVERS |
| | %" PER 1'-0" MI | ٧ | 075600 | GEOTEXTILE FILTER FABRIC |
| 2 2 4 4 4 | <u>A</u> | | 075600 | PROVIDE) EXTRUDED POLYSTYR (60 psi MIN COMPR AS REQUIRED TO AC |
| | | | 075600 | DRAINAGE MAT |
| | | | 075600 |) LIQUID APPLIED MEME |
| | | | | APPLY P RIMER OVER EXIST CONCRETE FILL AS MANUFACTURER |
| | | | | |
| | FIL 01 New concrete fill At roof #14 | CONCRETE DECK REPAIR AT ROOF #14 | | EXISTING CONCRETE TO REMAIN |
| | | | | |

AREAS PAVERS

' X 1-1/4" THICK

RENE INSULATION RESSIVE STRENGTH) CHEIVE SLOPE

IBRANE

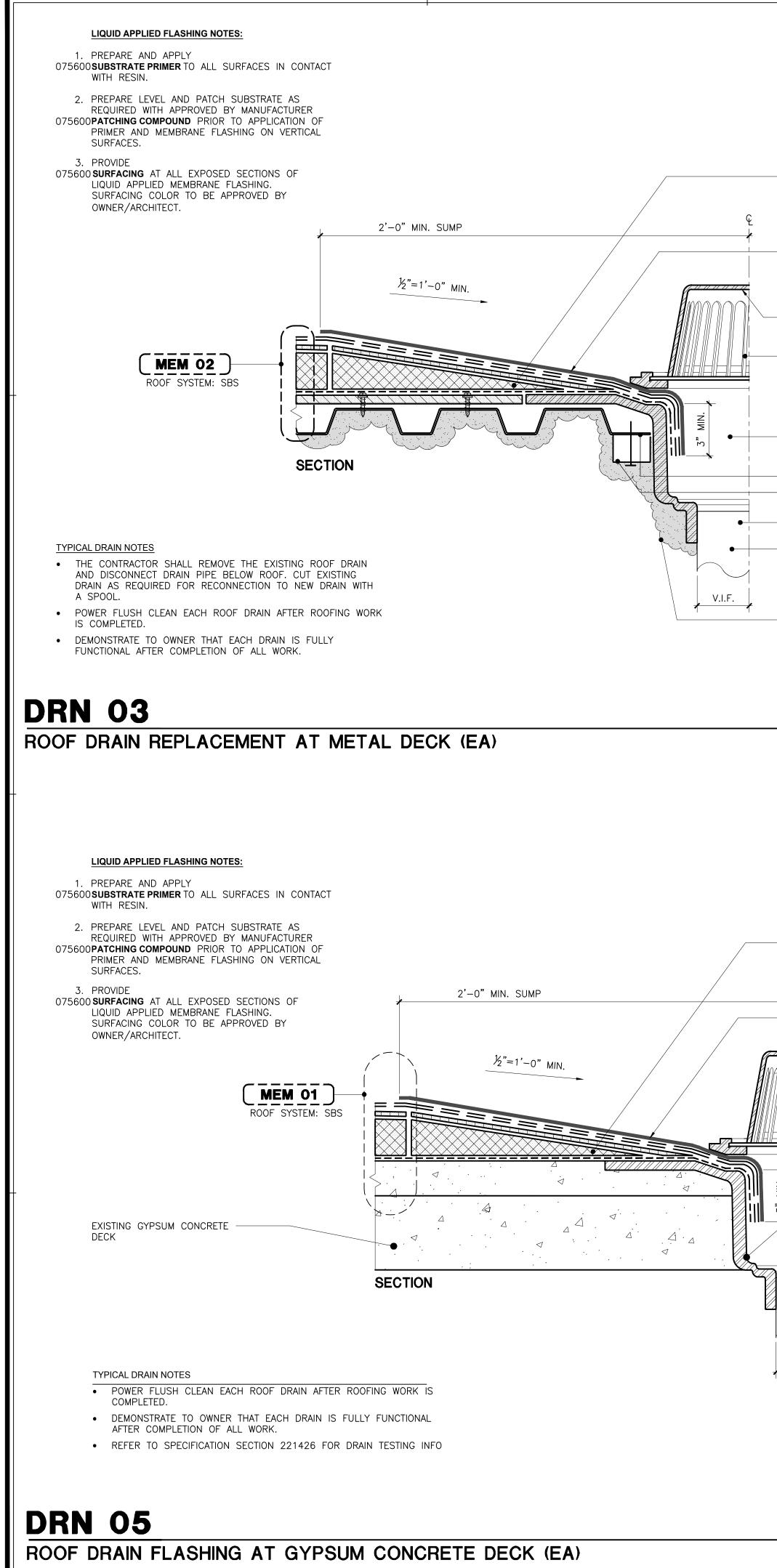
ING CONCRETE/NEW REQUIRED BY

SLAB

SCALE: 3'' = 1' - 0''

TE DECK (SF)

| 1 | | |
|---|------------------------------------|---|
| | | |
| | | |
| FING SYSTEM METAL DECK | | |
| IPOSITION: 2 PLY SBS SION: TORCH APPLIED WHITE REFLECTIVE | | |
| YES | | |
| JM BOARD | | |
| PRIME AS REQUIRED ANUFACTURER ED | | |
| red as required to PER 1'-0" SLOPE | | |
| | | |
| JM BOARD | | |
| REQUIRED TO MEET APPLICABLE AND MANUFACTURER'S | - | SUPER STRUCTURES |
| . DECK TO REMAIN. SECTIONS TO BE PLACED AS REQUIRED | | |
| | | AFTE OF NEW YOU |
| REPAIR | | 2 AVE OF THE AMERICAS NEW YORK, NY 10013 TEL 212 505 1133 FAX 212 505 1726 |
| SCALE: | 3" = 1'-0" | |
| | | POFESSIONAL ET |
| | | |
| PING SLAB TO MATCH EXISTING TOPPING | | |
| NS AT PERIMETER AND DRAINS | | Project Key |
| ABRIC | | |
| COMPOSITE WITH FILTER FABRIC | | |
| MEMBRANE | | |
| | - | |
| PRIME SUBSTRATE AS PER S RECOMMENDATIONS | | |
| TURAL K TO REMAIN | | Phase |
| IG CONCRETE TOPPING SLAB | | |
| IEW SLAB MATCHING EXISTING ELEVATIONS AND PITCH AT | | Revisions Number Description Date: |
| | | |
| SCALE: | 3" = 1' - 0" | |
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| | | Project Title |
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| | | |
| | - | ROOF REPLACEMENT |
| | | BUILDINGS "U" AND "P" |
| | DOB Employee Stamp and Signatures: | |
| | I | |
| | | Drawn By: Checked By: Date: DASNY Project No: Sheet Title |
| | | |
| | | MEMBRANE DETAILS |
| | | |
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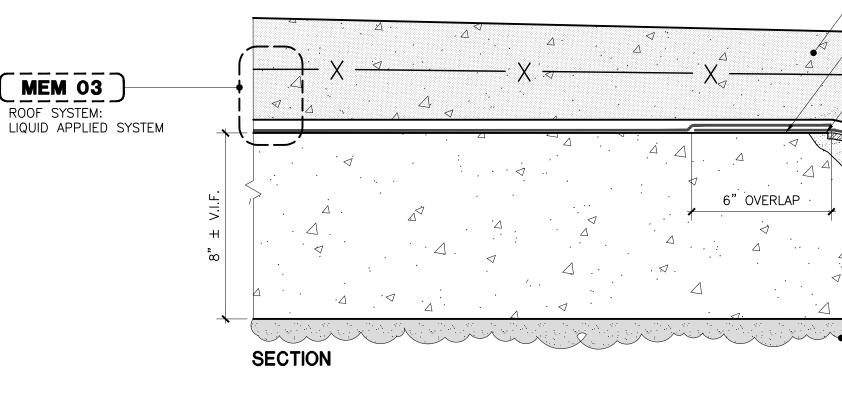
LIQUID APPLIED FLASHING NOTES:

1. PREPARE AND APPLY 075600 **SUBSTRATE PRIMER** TO ALL SURFACES IN CONTACT WITH RESIN.

2. PREPARE LEVEL AND PATCH SUBSTRATE AS REQUIRED WITH APPROVED BY MANUFACTURER 075600 **PATCHING COMPOUND** PRIOR TO APPLICATION OF PRIMER AND

MEMBRANE FLASHING ON VERTICAL SURFACES. 3. PROVIDE

075600 **SURFACING** AT ALL EXPOSED SECTIONS OF LIQUID APPLIED MEMBRANE FLASHING. SURFACING COLOR TO BE APPROVED BY OWNER/ARCHITECT.



TYPICAL DRAIN NOTES

- THE CONTRACTOR SHALL REMOVE THE EXISTING ROOF DRAIN AND DISCONNECT DRAIN PIPE BELOW ROOF. CUT EXISTING DRAIN AS REQUIRED FOR RECONNECTION TO NEW DRAIN WITH A SPOOL.
- POWER FLUSH CLEAN EACH ROOF DRAIN AFTER ROOFING WORK
 IS COMPLETED.
- DEMONSTRATE TO OWNER THAT EACH DRAIN IS FULLY
 FUNCTIONAL AFTER COMPLETION OF ALL WORK.

DRN 04

NEW DRAIN AT CONCRETE TERRACE (EA)

075600 PERLITE BOARD / TAPERED (4' X 4' SUMP MIN.) 075600 LIQUID APPLIED MEMBRANE FLASHING ASSURE FULL CONTACT TO SUBSTRATE; EXTEND INTO DRAIN BODY 221426 DRAIN DOME & CLAMPING RING 221426 DRAIN TO REMAIN

-075600 **PERLITE BOARD / TAPERED** (4' X 4' SUMP MIN.)

075600 LIQUID APPLIED MEMBRANE FLASH

DRAIN DOME & CLAMPING RING TO MATCH EXISTING 221426 LEAD PAN

-221426 **ROOF DRAIN** 16" DIAMETER V.I.F. WITH WIDE FLANGE AND STAINLESS

USE EXTENSION COLLAR

CLEAN OUT EXISTING DRAIN PIPE AND SUPPORT LEADER AS REQUIRED FOR DRAIN INSTALLATION.

PROVIDE

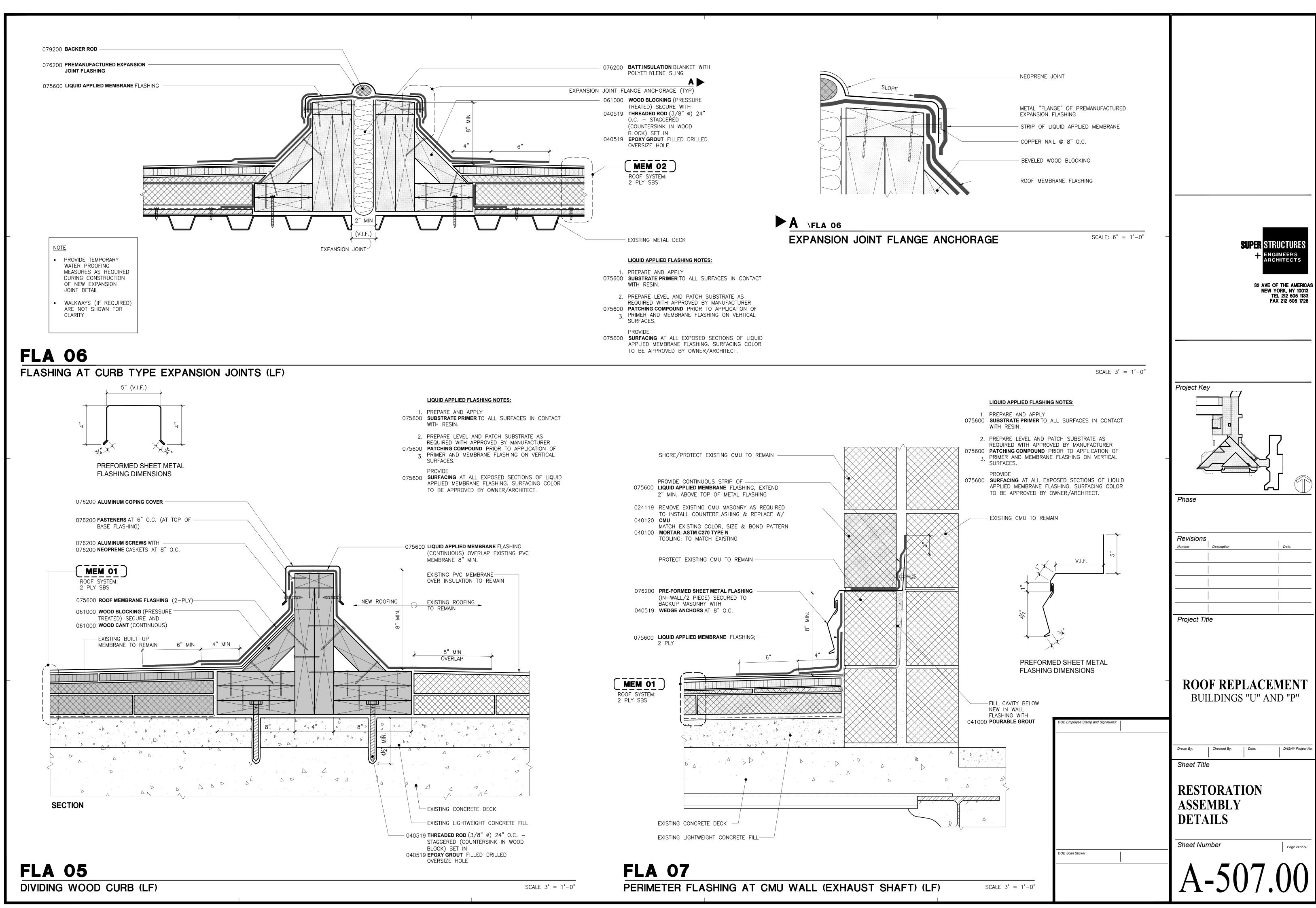
V.I.F.

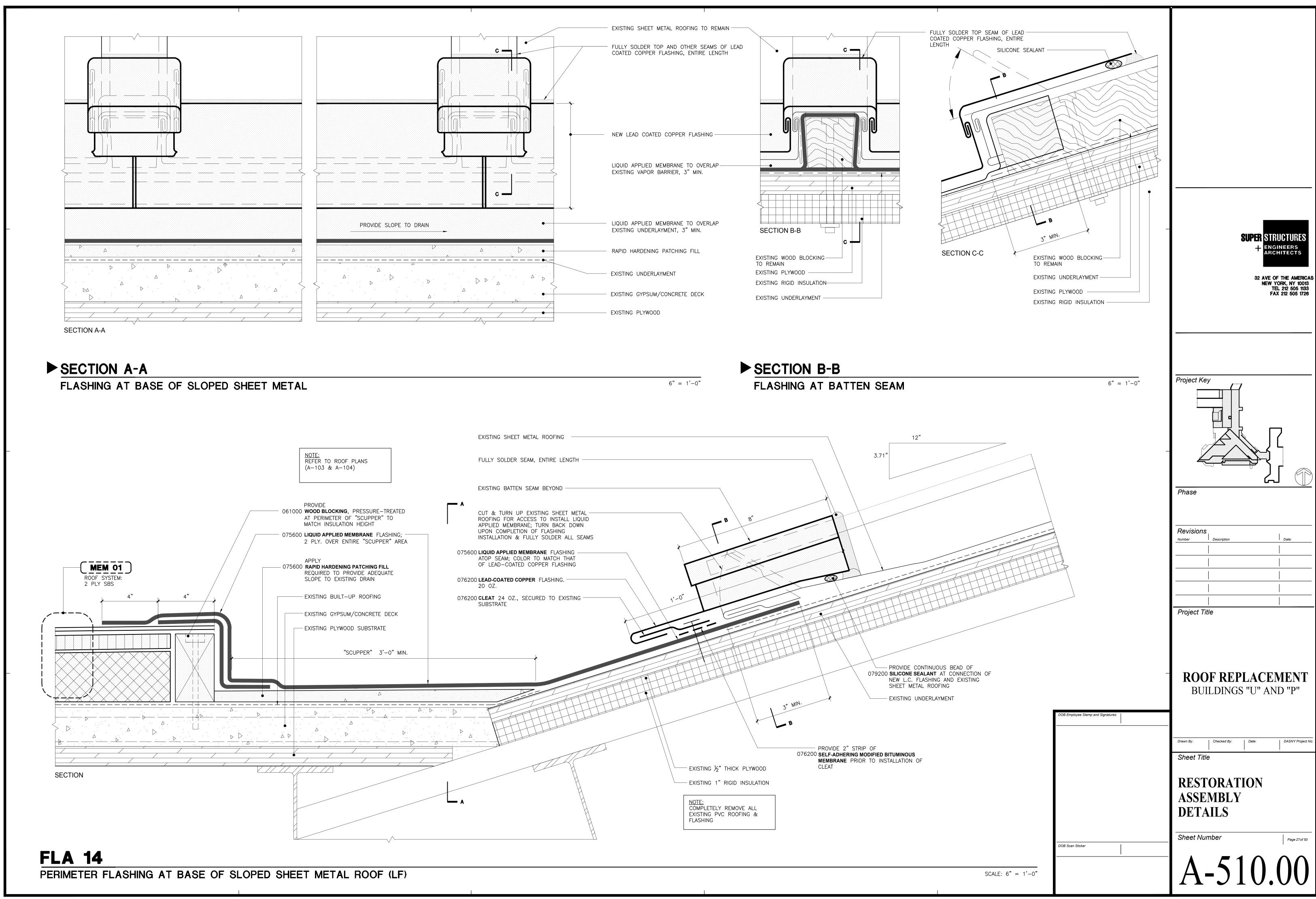
078100 **SPRAYED FIRE PROOFING** MATCHING EXISTING FIREPROOFING RATING WHERE EXISTING FIREPROOFING HAS BEEN REMOVED

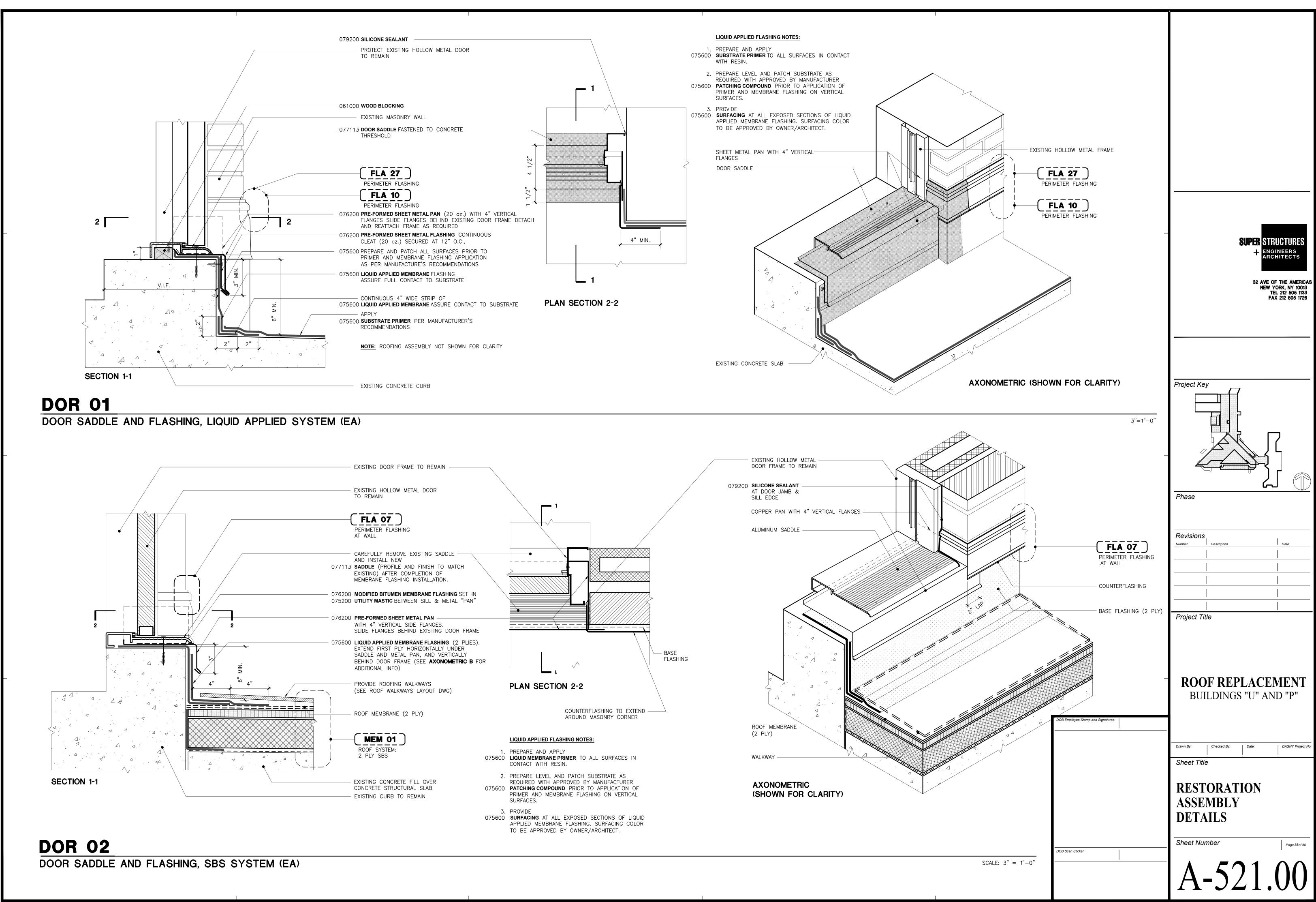
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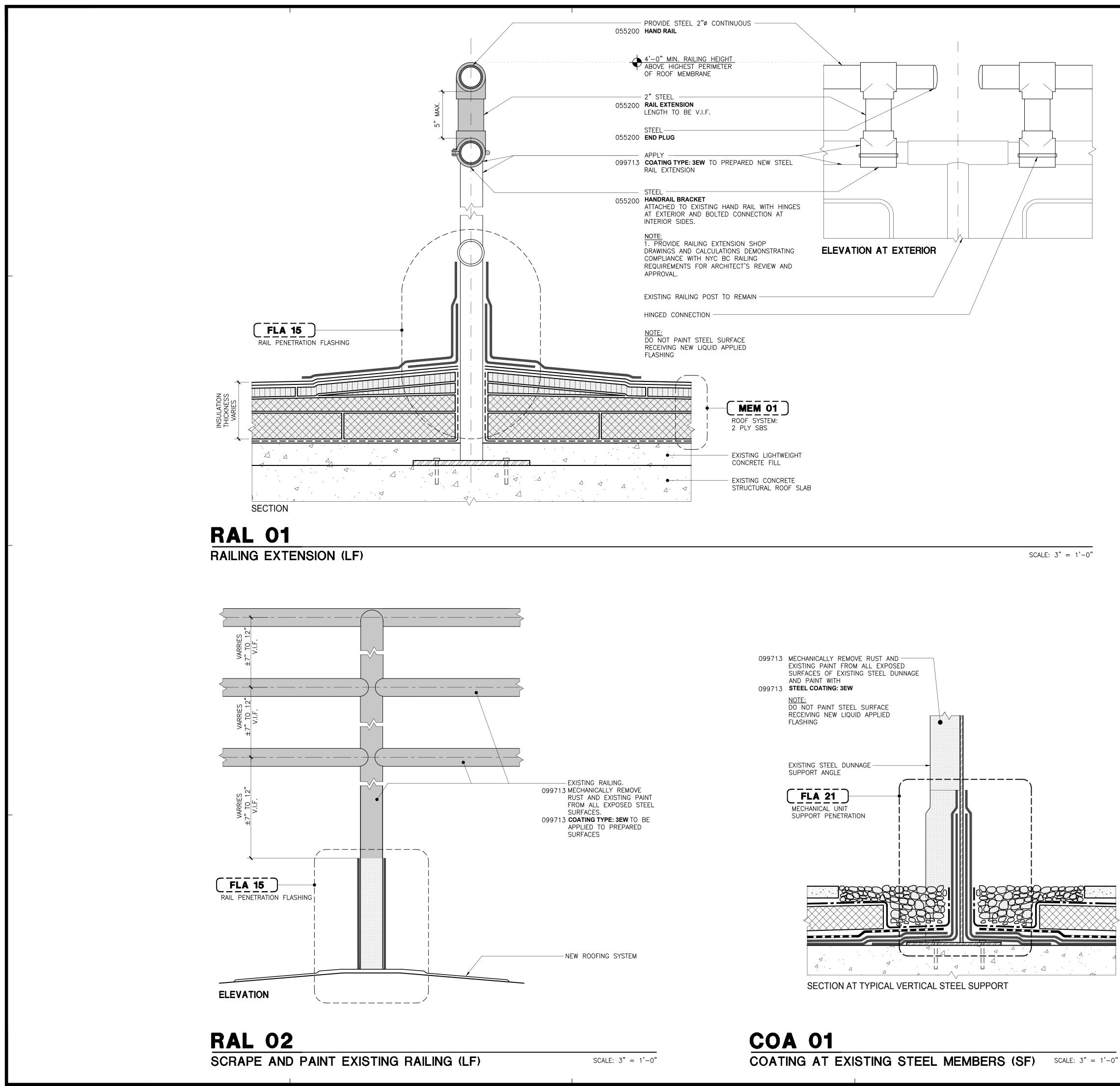
SCALE: 3"=1'-0"

| | CONCRETE TOPPING SLAB | |
|---|---|--|
| | O75600 PRIMER PER MANUFACTURER'S | |
| ç | RECOMMENDATIONS -075600 PREPARE PATCH AND LEVEL ALL SURFACES PRIOR TO PRIMER AND MEMBRANE FLASHING APPLICATION AS PER MANUFACTURER'S | |
| | RECOMMENDATIONS -075600 LIQUID APPLIED MEMBRANE FLASHING ASSURE FULL CONTACT TO SUBSTRATE; EXTEND INTO | |
| | DRAIN BODY | |
| | ADJUST VERTICAL POSITION OF DRAIN TO ASSURE CONTINUOUS AND POSITIVE DRAINAGE | |
| | -221426 TERRACE DRAIN CONNECT TO EXISTING DRAIN PIPE CONNECTION TYPE AS RECOMMENDED BY DRAIN MANUFACTURER | |
| | USE EXTENSION COLLAR IF REQUIRED | |
| | -075600 RAPID HARDENING PATCHING MORTAR FILL SLAB AT DRAIN SOLID WITH MORTAR | SUPER STRUCTURES + Engineers Architects |
| | REMOVE AND REPLACE EXISTING DRAIN PIPE AND SUPPORT LEADER AS REQUIRED WITH NEW MATCHING EXISTING PROFILE AND TYPE; | 32 AVE OF THE AMERICAS NEW YORK, NY 10013 |
| | ASSUME 6' REPLACEMENT AT APPROXIMATELY 5 LOCATIONS, VERIFY IN FIELD EXISTING CONCRETE SLAB | TEL 212 505 1133 FAX 212 505 1726 |
| | PROVIDE 078100 SPRAYED FIRE PROOFING MATCHING EXISTING FIREPROOFING RATING | |
| | WHERE EXISTING FIREPROOFING HAS BEEN REMOVED | |
| | | Project Key |
| | | |
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| | _ | ROOF REPLACEMENT BUILDINGS "U" AND "P" |
| | DOB Employee Stamp and Signatures: | |
| | ' | Drawn By: Checked By: Date: DASNY Project No: |
| | | Sheet Title |
| | | DRAIN DETAILS |
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| _ | SUPER STRUCTURES + ENGINEERS ARCHITECTS 32 AVE OF THE AMERICAS NEW YORK, NY 10013 TEL 212 505 1123 |
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| | Revisions Number Description |
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| | |
| | ROOF REPLACEMENT BUILDINGS "U" AND "P" |
| DOB Employee Stamp and Signatures: | |
| | Drawn By: Checked By: Date: DASNY Project No: Sheet Title |
| | RESTORATION ASSEMBLY DETAILS |
| DOB Scan Sticker | Sheet Number Page 39 of 50 |
| | A-522.00 |