

GENERAL CONCRETE NOTES

- DESIGN IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2014 NEW YORK CITY BUILDING CODE.
- STRUCTURAL MEMBERS LOCATION, SIZES AND SHAPES SHOWN ON DRAWINGS ARE FOR ILLUSTRATION AND INFORMATION PURPOSE ONLY, CONTRACTOR TO FIELD VERIFY THE EXISTING CONDITIONS.
- IF EXISTING CONDITIONS ARE FOUND TO BE DIFFERENT IN FIELD THAN SHOWN ON DRAWINGS, CONTRACTOR TO NOTIFY EOR AND PROJECT OFFICER IMMEDIATELY.
- CONTRACTOR TO SUBMIT SHOP DRAWINGS OF SUPPORT SYSTEM WITH STRUCTURAL CALCULATION PREPARED, SIGNED AND SEALED BY A NYS PROFESSIONAL ENGINEER FOR EOR'S APPROVAL BEFORE THE COMMENCEMENT OF WORK.
- PROVIDE PRODUCT DATA SUBMITTALS FOR ALL PROPOSED PRODUCTS FOR EOR'S REVIEW BEFORE THE COMMENCEMENT OF WORK.
- ANY DAMAGE INCURRED ON ADJOINING/ ADJACENT MATERIALS DURING WORK SHALL BE REPLACED BY THE CONTRACTOR IN KIND AT HIS OWN COST.
- ALL NEW WORK SHALL COMPLY WITH THE APPLICABLE BUILDING / CONSTRUCTION CODES.

CONCRETE NOTES:

- CONCRETE FOR SITE WORK SHALL BE LIGHT WEIGHT WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS AND A MAXIMUM WATER TO CEMENT RATIO OF 0.45 BY WEIGHT (LB. PER LB.).
- ALL CONCRETE WORK – MIXES, INSPECTIONS, AND FORMWORK – SHALL CONFORM TO THE REQUIREMENTS OF THE 2014 NYC BUILDING CODE, SECTION BC 1901.
- PROPORTION, BATCH, AND MIX CONCRETE IN ACCORDANCE WITH SECTION BC 1905 OF THE 2014 NYC BUILDING CODE. PROPORTION CONCRETE MIX IN ACCORDANCE WITH SECTION BC 1905.3. MIXES SHALL HAVE INCLUDED ALL ADMIXTURES THAT WILL BE USED DURING THIS CONSTRUCTION.
- ALL CONCRETE USED IN THE STRUCTURE SHALL CONFORM IN ALL RESPECTS TO THE MATERIAL AND PROPORTIONS OF THESE MATERIALS USED IN THE APPROVED DESIGN MIX. THE USE OF ANY ADDITIVES NOT PRESENT APPROVED DESIGN MIX IS PROHIBITED.
- THE METHOD FOR CONVEYING CONCRETE TO THE PLACE OF DEPOSIT SHALL COMPLY WITH SECTION BC 1905.9.
- CONSTRUCTION JOINTS OF CONCRETE COMPONENTS SHALL COMPLY WITH THE PROVISIONS OF SECTION BC 1906.4.
- ROUGHENED SURFACE AT INTERFACE OF SEPARATE CONCRETE POURS (JOINTS) SHALL BE PREPARED AS FOLLOWS:
 - ROUGHEN SURFACE TO A FULL AMPLITUDE OF APPROXIMATELY 1/4" WITH STIFF BROOM AFTER INITIAL SET.
 - BEFORE PLACING FRESH CONCRETE, CLEAN SURFACE AND REMOVE LAITANCE WITH WIRE BRUSH.
 - IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, WET SURFACE AND REMOVE STANDING WATER.

SITE WORK NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ADJOINING PROPERTY DURING CONSTRUCTION OR DEMOLITION, AS PER BC 3309.

- FOR EXCAVATIONS, BACKFILL, ETC., SEE SPECIFICATIONS. ALL FILL AND BACKFILL, IF REQUIRED, SHALL BE CONTROLLED FILL AND COMPLY WITH PROVISIONS OF SECTIONS BC 1803 AND BC 1804.2.2 OF THE 2014 NYC BUILDING CODE.
- PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL CALL "CODE 53" (CALL-BEFORE-YOU-DIG. IN NYC, TEL# 212-460-4883 FOR NYC ONE CALL CENTER) FOR LOCATION OF UTILITIES (NYS INDUSTRIAL CODE RULE 53-12 NYC RR 53).
- THE CONTRACTOR SHALL CONFORM TO SAFETY REQUIREMENTS DURING EXCAVATION AND COMPLY WITH SECTION BC 3304 OF THE 2014 NYC BUILDING CODE.

SUGGESTED SEQUENCE OF CONSTRUCTION

- INSTALLATION OF TEMPORARY FENCING TO SECURE THE WORK AREA.
- INSTALLATION OF SILT FENCING, INLET PROTECTION, AND STABILIZED CONSTRUCTION ENTRANCE LOCATED AS SHOWN ON THE PLANS;
- CLEARING AND GRUBBING OF THE PROJECT SITE AREAS INDICATED FOR REDEVELOPMENT AND REMOVAL OF EXIST. DRAINAGE STRUCTURES AS NECESSARY FOR THE INSTALLATION OF THE PROPOSED IMPROVEMENTS;
- FINAL GRADING OF THE DISTURBED AREAS TO FINISHED GRADE;
- INSTALLATION OF NEW AGGREGATE BASE COURSE IN AREAS OF NEW PAVEMENT. INSTALLATION OF NEW LIGHT CONCRETE;
- INSTALLATION OF NEW PAVEMENTS. ADJUSTMENT OF EXIST. DRAINAGE STRUCTURES TO MATCH FINISHED GRADE AT THE EXIST. STOREFRONT;
- SILT REMOVAL AND CLEANING OF INLETS AND DRAINAGE PIPES PROTECTED DURING CONSTRUCTION.

EXIST. SITE CONDITIONS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CATALOGUE CUTS FOR APPROVAL PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL MAINTAIN AND KEEP CLEAR ALL ACCESS TO AND EGRESS FROM THE WORK SITE. STORING AND PILING OF RUBBLE AND CONSTRUCTION WASTE IS PROHIBITED.
- THE INFORMATION FOR LOCATIONS OF EXIST. UTILITY LINES WITHIN THE CONSTRUCTION SITE IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING ADJACENT TO ACTIVE POWER AND COMMUNICATION LINES (IF ANY) TO PREVENT DAMAGE TO THESE LINES.THE CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THOSE LINES PRIOR TO PERFORMING ANY EXCAVATION WORK IN THE AREA. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY POWER OR COMMUNICATION INTERRUPTION.

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- INSTALLATION OF SILT FENCING, INLET PROTECTION, AND STABILIZED CONSTRUCTION ENTRANCE LOCATED AS SHOWN ON THE PLANS;
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SITE PLAN NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CATALOGUE CUTS FOR APPROVAL PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL MAINTAIN AND KEEP CLEAR ALL ACCESS TO AND EGRESS FROM THE WORK SITE. STORING AND PILING OF RUBBLE AND CONSTRUCTION WASTE IS PROHIBITED.
- THE INFORMATION FOR LOCATIONS OF EXIST. UTILITY LINES WITHIN THE CONSTRUCTION SITE IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING ADJACENT TO ACTIVE POWER AND COMMUNICATION LINES (IF ANY) TO PREVENT

DAMAGE TO THESE LINES.THE CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THOSE LINES PRIOR TO PERFORMING ANY EXCAVATION WORK IN THE AREA. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY POWER OR COMMUNICATION INTERRUPTION.

- INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
- COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
- PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
- DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
- ALL CURB DIMENSIONS SHOWN REFER TO THE FACE OF CURB.

- ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.

- COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.

- RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.

- SEAL ALL JOINTS BETWEEN NEW PAVEMENT AND CONCRETE WITH SPECIFIED SEALANTS.

SITE REMOVAL NOTES

- REPORT ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS TO THE ENGINEER IN WRITING IMMEDIATELY.
- UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FOR DESIGN PURPOSES ONLY. PROVIDE FOR CONSTRUCTION MARKOUT AND LOCATE EXIST. UNDERGROUND UTILITIES. NO EXCAVATION CAN COMMENCE UNTIL UTILITY DOCUMENTATION HAS BEEN COMPLETED.
- AFTER MARKOUT AND PRIOR TO DISTURBING THE SITE, UNCOVER ALL SUBSURFACE UTILITIES AND STRUCTURES WITHIN LIMITS OF DISTURBANCE TO CONFIRM THEIR LOCATION AND DEPTH.
- NO COMPENSATION WILL BE MADE FOR ANY INCONVENIENCE CAUSED BY ENCOUNTERING UTILITIES AND STRUCTURES WHICH ARE NOT SHOWN, OR ARE INACCURATELY SHOWN ON THE PLANS.
- TAKE APPROPRIATE MEASURES TO PROTECT EXIST. UTILITIES WITHIN THE LIMITS OF WORK. REPAIR ANY DAMAGE TO EXIST. UTILITIES RESULTING FROM CONTRACTOR OPERATIONS IMMEDIATELY AT NO COST TO OWNER.
- REPAIR ANY DAMAGE TO EXIST. SITE FEATURES SCHEDULED TO REMAIN RESULTING FROM CONTRACTOR OPERATIONS AT NO COST TO OWNER.
- PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS.
- INSTALL SEDIMENT BAG INLET PROTECTION ON ALL EXIST. INLETS WITHIN THE WORK AREA PRIOR TO ANY GROUND DISTURBANCE.
- DELINEATE THE LIMITS OF CLEARING AND REVIEW WITH THE OWNER PRIOR TO COMMENCING WORK.
- NOTIFY OWNER AND ENGINEER IMMEDIATELY IN WRITING WHEN UNKNOWN STRUCTURES OR SUSPECTED HAZARDOUS OR CONTAMINATED MATERIALS ARE ENCOUNTERED PRIOR TO REMOVAL OR DISTURBANCE.
- TAKE APPROPRIATE MEASURES TO PROTECT PEDESTRIANS AND VEHICULAR TRAFFIC DURING REMOVAL ACTIVITIES, AND PROVIDE TEMPORARY MEASURES FOR THE PROTECTION AND SAFETY OF THE PUBLIC UNTIL FINAL ACCEPTANCE BY THE OWNER.
- BACKFILL ALL VOIDS RESULTING FROM THE REMOVAL OF EXIST. SITE FEATURES. BACKFILL TO BE SOIL FREE OF ORGANIC MATERIAL, DEBRIS, TRASH, CLAY AND STONES LARGER THAN 4 INCHES.

SITE REMOVAL LEGEND

- EXIST. SIGNS TO REMAIN.
- REMOVE AND STORE ALL EXIST. CONCRETE PAVEMENT TILES AND BRICK.
- EXIST. DRAIN / CATCH BASIN AND STORM PIPING NOTES:
 - CONTRACTOR TO SECURE & TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXIST. DRAIN FROM DAMAGE OR INTRUSION OF SILT, SEDIMENT AND DEBRIS DURING CONSTRUCTION WORK.
 - SIZES OF EXIST. STORM PIPES AND LOCATION OF EXIST. DRAINAGE/CATCH BASIN IS FOR INFORMATION ONLY. CONTRACTOR TO FIELD VERIFY EXIST. CONDITIONS.
- COMPLETELY REMOVE AND DISPOSE OF EXIST. BRICK MASONRY WALL, CONCRETE PLANTER CURB, AND SUBSTRATE AS MARKED ON DRAWINGS.
- EXIST. LIGHT POLE AND BASE TO REMAIN. CONTRACTOR TO SECURE & TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXIST. LIGHT POLE & BASE, AND ELECTRICAL CONDUIT DURING WORK.
- EXIST. SIGNS TO BE COMPLETELY REMOVED AND REINSTALLED IN KIND.
- PLANTS OUTSIDE THE EXIST. BOUNDARY WALL TO BE SECURED DURING CONSTRUCTION PERIOD. COORDINATE THE STOCK PILING AND REUSE OF TOP SOIL WITH OWNER'S REPRESENTATIVE.

GRADING & DRAINAGE NOTES

- FOR NEW CONSTRUCTION THAT MEETS EXIST. CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
- ADJUST ALL EXIST. CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
- EXCESS TOP SOIL IS TO BE STOCKPILED, AND RE-USE SHALL BE COORDINATED WITH THE OWNERS. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
- SOILS DEEMED UNSUITABLE FOR SUPPORTING THE PROPOSED IMPROVEMENTS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.
- THE INFORMATION FOR LOCATIONS OF EXIST. UTILITY LINES WITHIN THE CONSTRUCTION SITE IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING ADJACENT TO ACTIVE POWER AND COMMUNICATION LINES (IF ANY) TO PREVENT DAMAGE TO THESE LINES.THE CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THOSE LINES PRIOR TO PERFORMING ANY EXCAVATION WORK IN THE AREA. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY POWER OR COMMUNICATION INTERRUPTION.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORT, APPROVED BY THE ENGINEER FOR ALL UTILITIES (IF ANY) THAT ARE EXPOSED DURING CONSTRUCTION TO ENSURE AGAINST DAMAGE.
- WHERE CONSTRUCTION CROSSES THE EXIST. DRAIN LINE, OR IS ADJACENT TO EXIST. UTILITY LINES (IF ANY), THE CONTRACTOR SHALL CAREFULLY HAND EXCAVATE SO AS TO LOCATE, MARK, PROTECT THE UTILITY LINES AGAINST DISTURBANCE OR DAMAGE.
- ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION SHALL BE RESTORED AS INDICATED OR TO THEIR ORIGINAL CONDITION.
- THE CONTRACTOR SHALL FURNISH "AS BUILT" DRAWINGS AFTER COMPLETION OF WORK.
- ALL MATERIALS INDICATED ON THE PLANS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL LEGALLY BE DISPOSED OF OFF THE SITE. THOSE ITEMS TO BE REMOVED AND RELOCATED SHALL BE CAREFULLY REMOVED, STORED, AND RELOCATED. ANY DAMAGE CAUSED BY THE REMOVAL OPERATION OR OCCURRING WHILE STORED OR BEING RELOCATED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- EXCAVATION SHALL BE TO THE LIMITS SHOWN AND SHALL INCLUDE SAW CUTTING OF PAVEMENTS, EXCAVATION, DISPOSAL, PUMPING,

SHEETING, BACKFILLING WITH ACCEPTABLE SITE EXCAVATED MATERIAL, FURNISHING AND INSTALLING CLEAN GRANULAR FILL AND ALL OTHER WORK NECESSARY TO COMPLETE THE CONSTRUCTION.

- THE EXIST. AND/OR NEW GRAVEL SHALL BE GRADED AND ROLLED WITH MANUAL TOOLS ONLY.

- CRUSHED STONE BASE COURSE FOR PAVEMENT SHALL BE COMPOSED OF LEDGE ROCK, TALUS, OR GRAVEL WHICH IS UNIFORM IN QUALITY AND FREE FROM DUST OR OTHER DELETERIOUS MATTER GRADED WITHIN THE FOLLOWING LIMITS:

SIEVE SIZE	% PASSING (WEIGHTS)
1 1/2"	90 – 100
3/4"	60 – 97
3/8"	25 – 60
# 16	15 – 40
# 20	0 – 10

PLACEMENT REQUIREMENTS SHALL BE AS PER STONE SCREENINGS EXCEPT FOR SPRINKLING.

08/24/2020

ISSUED FOR CONSTRUCTION

No.

Date

Revision

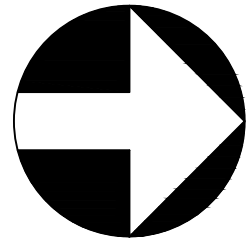
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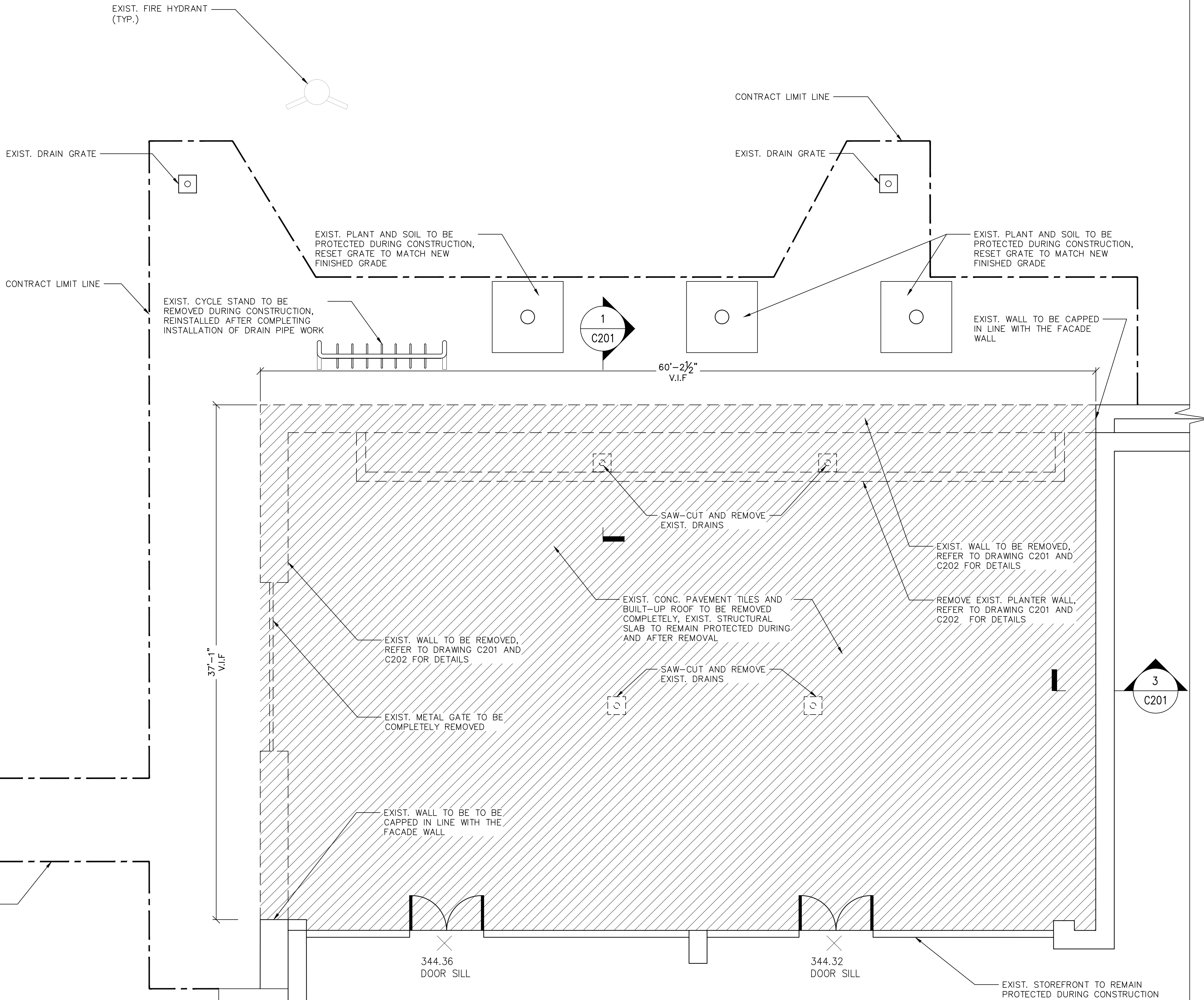
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C101.00

Scale: AS NOTED

Date: 08/24/2020



NORTH



NOTE:

1. ALL EXIST. DRAIN PLUMBING IN COURTYARD TO BE REMOVED, CLEANED AND FILLED WITH NEW CONCRETE TO SEAL PROPERLY, REFER TO SECTION 2/S201 FOR DETAILS.
2. CAP DRAIN PIPES AT BASEMENT LEVEL AS INSTRUCTED BY THE ENGINEER.
3. CONTRACTOR TO ASCERTAIN NO SOIL OR SILT GOES INTO THE EXIST. DRAINS TO BE REUSED.
4. CONTRACTOR TO REINSTALL ALL EXIST. EQUIPMENT IN ITS ORIGINAL POSITION.
5. ALL DIMENSIONS ARE TO BE VERIFIED IN FIELD, ANY DISCREPANCY IN FIELD DIMENSIONS ARE TO BE NOTIFIED IMMEDIATELY.
6. CONTRACTOR WILL NOTIFY OF ANY DISCREPANCY DUE TO EXISTING SITE CONDITIONS.

08/24/2020 ISSUED FOR CONSTRUCTION

No. Date Revision

AFRIDI ASSOCIATES
CONSULTING ENGINEERS

19 West 21st Street New York, NY 10010
Tel: (212) 243-0725
Fax: (212) 243-0725
510 Broadhollow Road Melville, NY 11747
Tel: (631) 465-0786
Fax: (631) 465-0788
aafridi@afridiassociates.com

Designer: AKBER AFRIDI, P.E.

Drawn by: AZHER MALIK

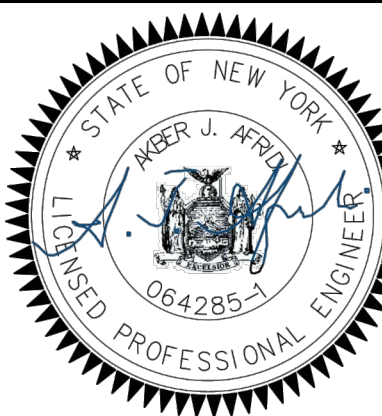
Checked by: AKBER AFRIDI, P.E.

Project:
**SUNY PURCHASE
NEUBERGER MUSEUM
SOUTH COURTYARD
WATERPROOFING**

Address:
735 Anderson Hill Road
Purchase NY 10577

Drawing Title:

SITE PARTIAL REMOVAL PLAN



Drawing No.:

C102.00

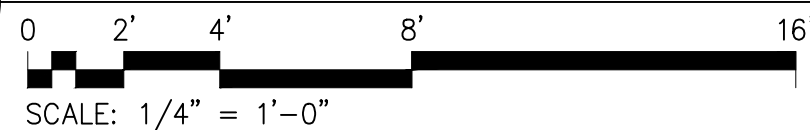
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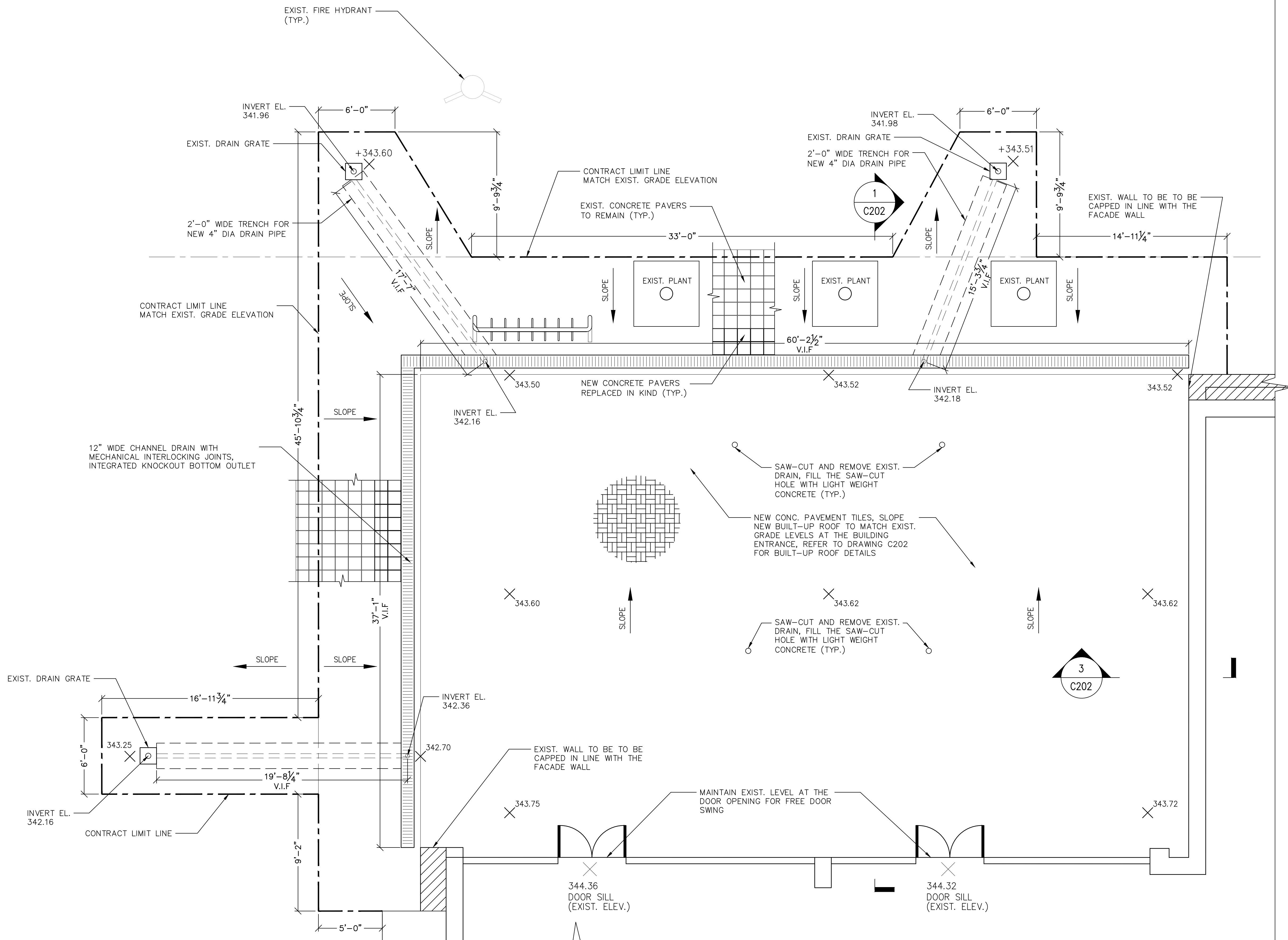
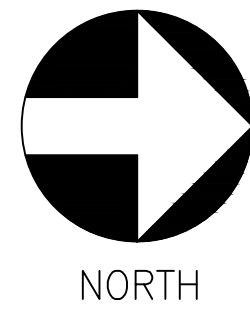
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NEUBERGER MUSEUM COURTYARD - PARTIAL REMOVAL PLAN



NOTE:

ALL EXIST. DRAIN PLUMBING IN COURTYARD TO BE REMOVED, CLEANED AND FILLED WITH NEW CONCRETE TO SEAL PROPERLY, REFER TO DRAWING C202 FOR DETAILS



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 2. CAP DRAIN PIPES AT BASEMENT LEVEL AS INSTRUCTED BY THE ENGINEER.
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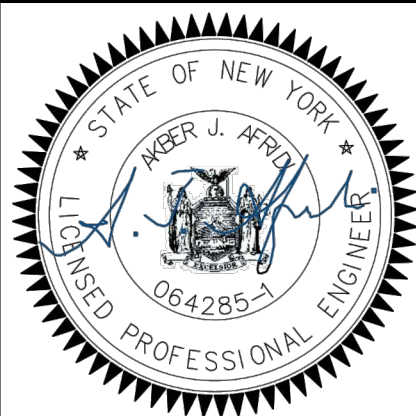
19 West 21st Street
New York, NY 10010
Tel: (212) 243-0725
Fax: (212) 243-0725
aafриди@afridiassociates.com

510 Broadhollow Road
Melville, NY 11747
Tel: (631) 465-0786
Fax: (631) 465-0788

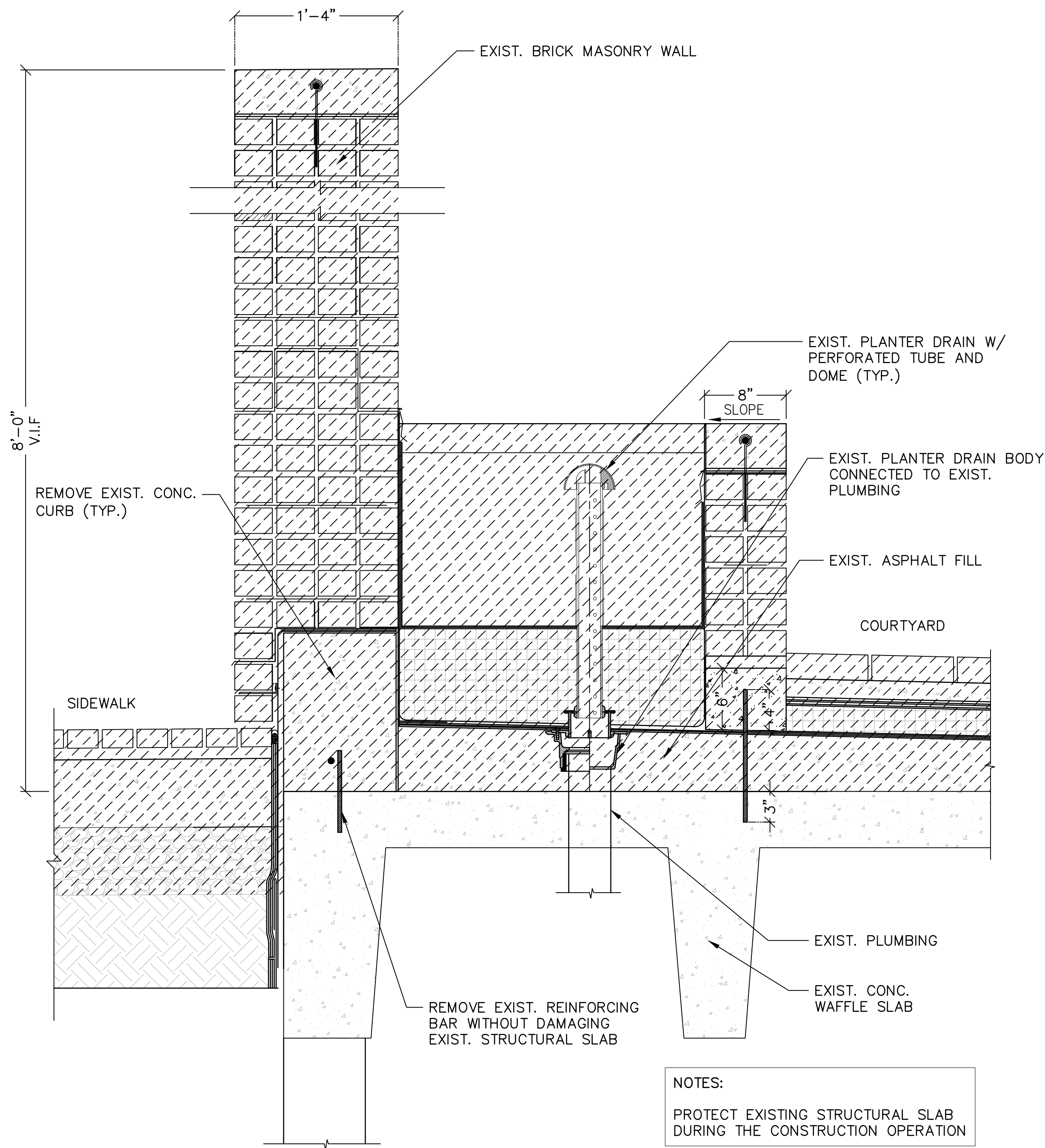
Designer: AKBER AFRIDI, P.E.
Drawn by: AZHER MALIK
Checked by: AKBER AFRIDI, P.E.

Project:
**SUNY PURCHASE
NEUBERGER MUSEUM
SOUTH COURTYARD
WATERPROOFING**
Address:
735 Anderson Hill Road
Purchase NY 10577

Drawing Title:
PROPOSED SITE WORKS PLAN


Drawing No.:
C103.00
Scale: AS NOTED
Date: 08/24/2020

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C103
PROPOSED SITE WORKS PLAN
SCALE: 1/4" = 1'-0"



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C201

COURTYARD TYPICAL WALL SECTION (TO BE REMOVED)

0 6" 1' 2'

SCALE: 1 1/2" = 1'-0"

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aafridi@afriassociates.com

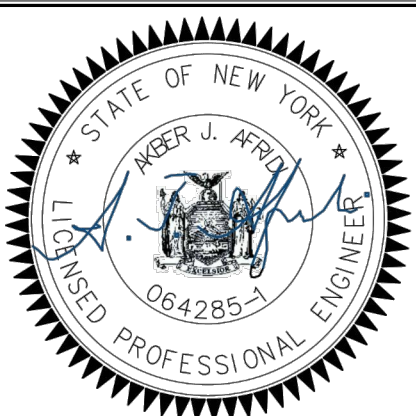
Designer: AKBER AFRIDI, P.E.

Drawn by: AZHER MALIK

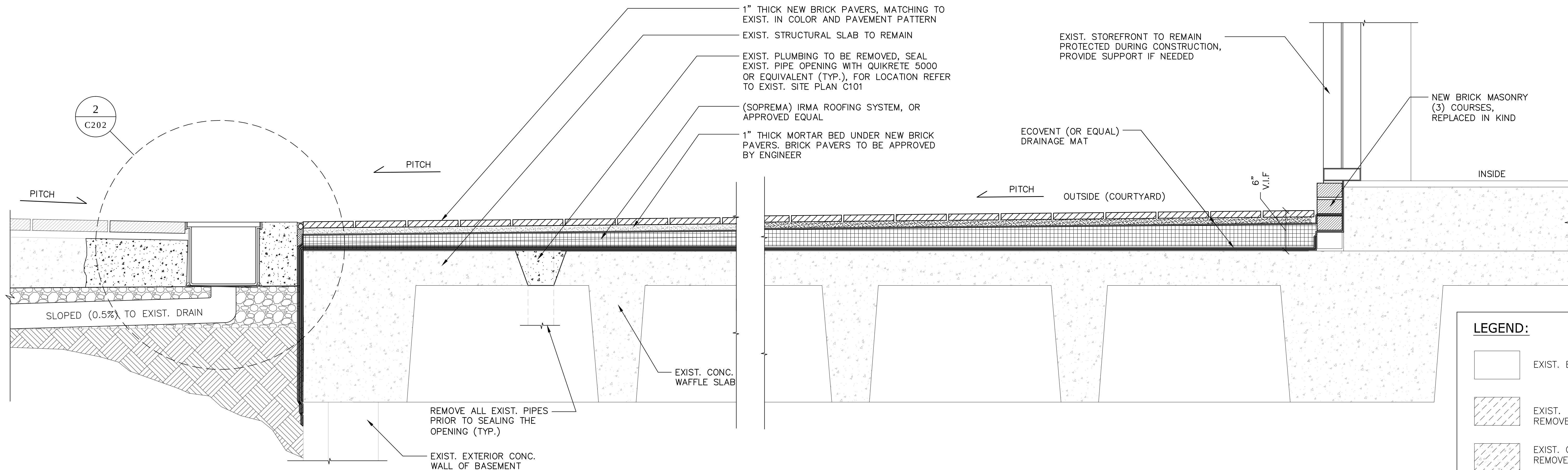
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SOUTH COURTYARD
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Address:
735 Anderson Hill Road
Purchase NY 10577

Drawing Title:
**COURTYARD TYPICAL WALL SECTION
EXISTING**



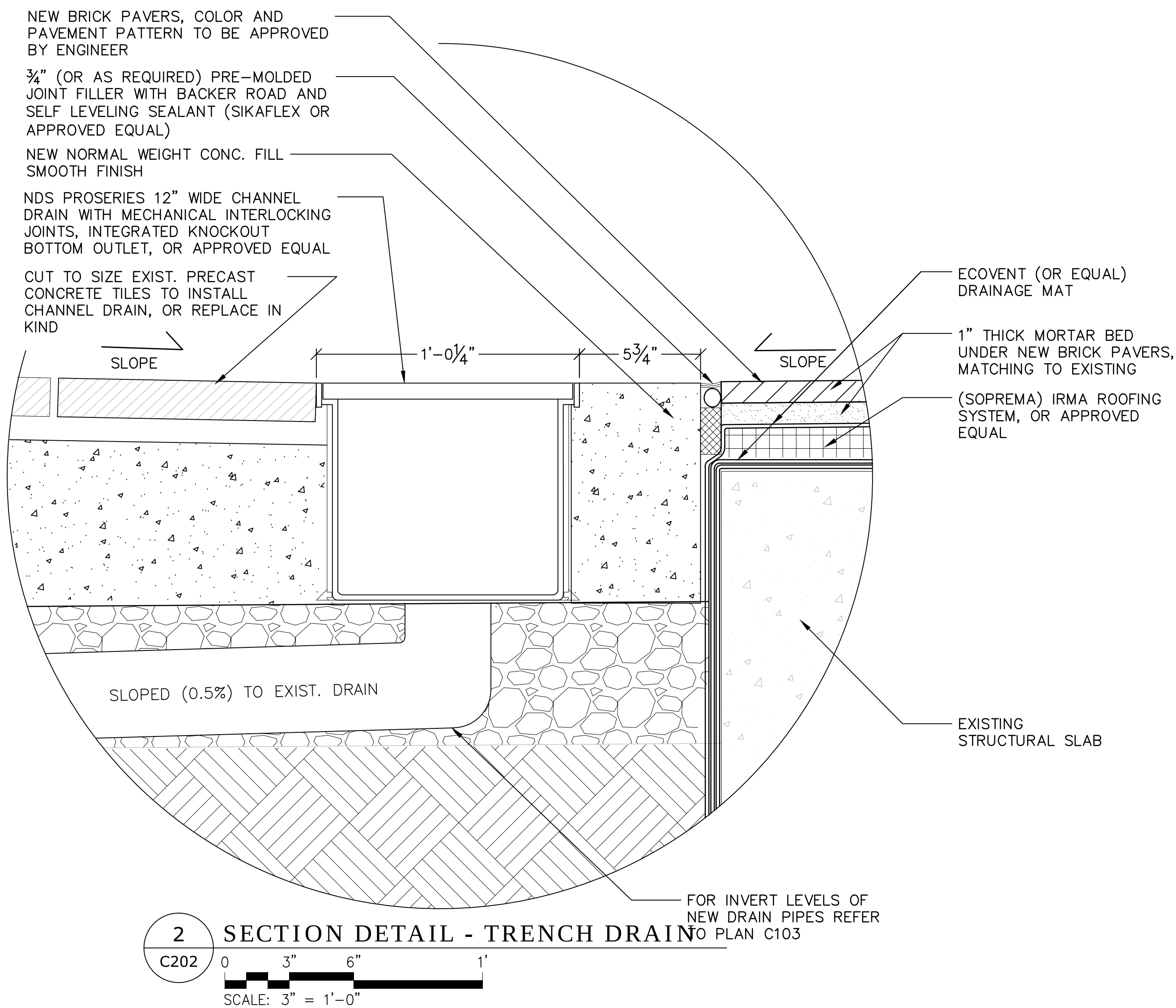
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1 TYPICAL SECTION - THROUGH STOREFRONT AND NEW CANNEL DRAIN

0 6" 1' 2'

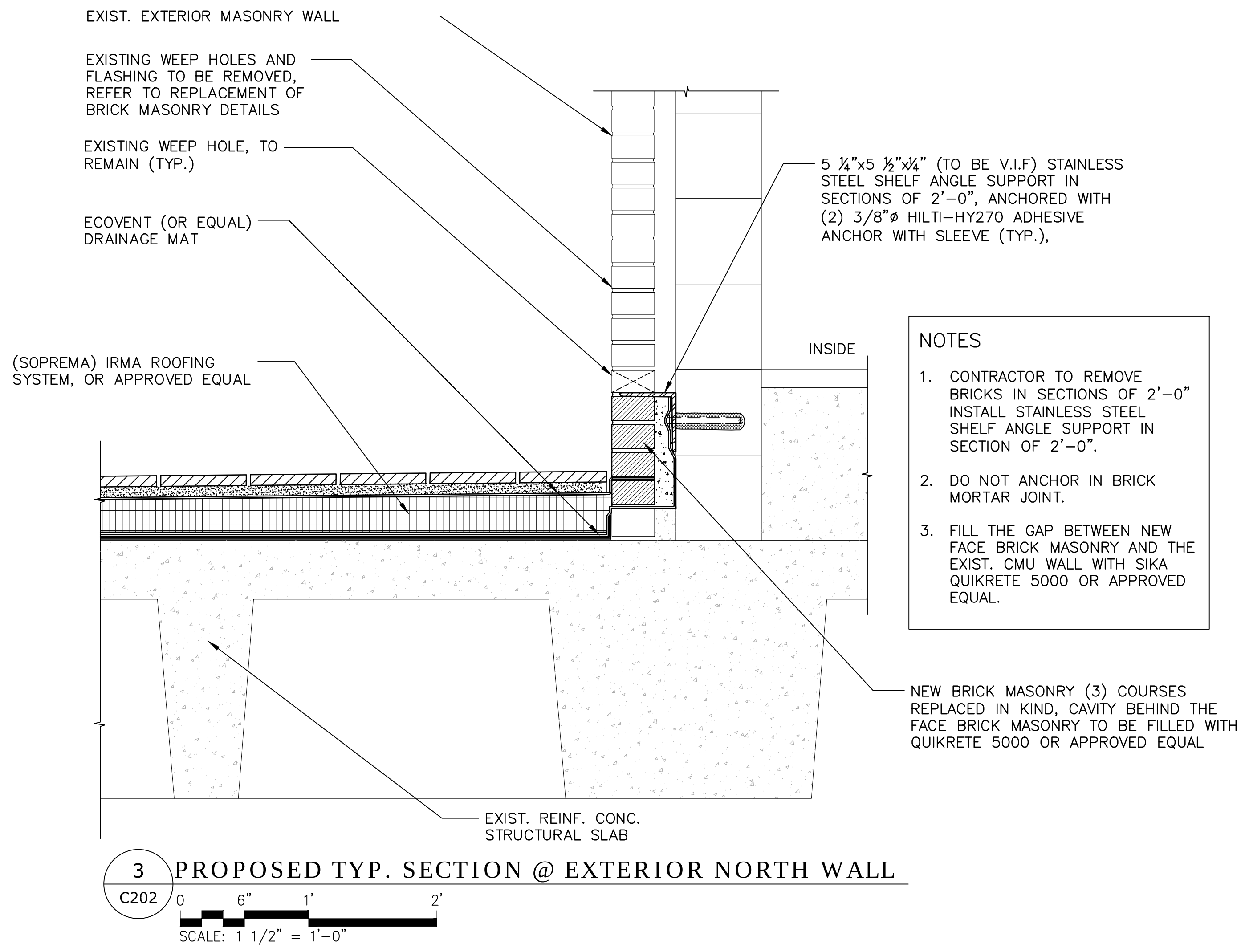
SCALE: 1 1/2" = 1'-0"



2 SECTION DETAIL - TRENCH DRAIN

0 3" 6" 1'

SCALE: 3" = 1'-0"



3 PROPOSED TYP. SECTION @ EXTERIOR NORTH WALL

0 6" 1' 2'

SCALE: 1 1/2" = 1'-0"

LEGEND:

- EXIST. BRICK, TO REMAIN
- EXIST. BRICK, TO BE REMOVED
- EXIST. CONC. TO BE REMOVED
- REPLACE EXIST. BRICK / TILES IN KIND
- NEW LIGHT WEIGHT CONCRETE

- NOTES
- CONTRACTOR TO REMOVE BRICKS IN SECTIONS OF 2'-0" INSTALL STAINLESS STEEL SHELF ANGLE SUPPORT IN SECTION OF 2'-0".
 - DO NOT ANCHOR IN BRICK MORTAR JOINT.
 - FILL THE GAP BETWEEN NEW FACE BRICK MASONRY AND THE EXIST. CMU WALL WITH SIKA QUIKRETE 5000 OR APPROVED EQUAL.

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Melville, NY 11747
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Fax: (631) 465-0788

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Drawn by:	AZHER MAJID
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PROPOSED SECTION DETAILS



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