TABLER QUAD NEW RESIDENCE HALL

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CONSTRUCTION DOCUMENTS
VOLUME #1

Stony Brook University

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TABLER QUAD NEW RESIDENCE HALL

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CONSTRUCTION DOCUMENTS

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G001.1
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E503	FIRE ALARM RISER DIAGRAM	10/29/2024
E504	FIRE ALARM ANNUNCIATOR PANEL	10/29/2024
E601	ELECTRICAL LIGHTING FIXTURE SCHEDULE	10/29/2024
E602	ELECTRICAL EQUIPMENT SCHEDULES	10/29/2024
E603	ELECTRICAL PANEL SCHEDULES	10/29/2024
E604	ELECTRICAL PANEL SCHEDULES	10/29/2024
E605	ELECTRICAL PANEL SCHEDULES	10/29/2024
E606	ELECTRICAL PANEL SCHEDULES	10/29/2024
E607	ELECTRICAL PANEL SCHEDULES	10/29/2024
E608	ELECTRICAL PANEL SCHEDULES	10/29/2024
E609	ELECTRICAL PANEL SCHEDULES	10/29/2024
E610	ELECTRICAL PANEL SCHEDULES	10/29/2024
E611	ELECTRICAL PANEL SCHEDULES	10/29/2024
E612	ELECTRICAL PANEL SCHEDULES	10/29/2024
E613	ELECTRICAL LIGHTING CONTROL SCHEDULE	10/29/2024
E614	ELECTRICAL VOLTAGE DROP CALCULATION & FEEDER SCHEDULE	10/29/2024
E615	ELECTRICAL SHORT CIRCUIT CALCULATION	10/29/2024
E616	ELECTRICAL PRELIMINARY ARC FLASH EVALUATION	10/29/2024
E701	ELECTRICAL DETAILS	10/29/2024
E702	ELECTRICAL DETAILS	10/29/2024
E703	ELECTRICAL DETAILS	10/29/2024
E801	ELECTRICAL LIGHTNING PROTECTION PLAN	10/29/2024
E802	ELECTRICAL LIGHTNING PROTECTION DETAILS	10/29/2024
E803	ELECTRICAL LIGHTNING PROTECTION DETAILS	10/29/2024
E911	GROUND FLOOR PLAN - FEEDER DIAGRAM	10/29/2024
E912	GROUND FLOOR CEILING PLAN - FEEDER DIAGRAM	10/29/2024
18 - Telecom		
T001	TECHNOLOGY AND SECURITY LEGEND AND NOTES	10/29/2024
TS101	TECHNOLOGY SITE PLAN-1	10/29/2024
TS102	TECHNOLOGY SITE PLAN-2	10/29/2024
T111	GROUND FLOOR PLAN - EAST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T112	SECOND FLOOR PLAN - EAST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T113	THIRD FLOOR PLAN - EAST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T114	FOURTH FLOOR PLAN - EAST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024

DRAWING LIST - VOLUME_3

Sheet Number	Sheet Name	Issue Date
T115	GROUND FLOOR PLAN - WEST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T116	SECOND FLOOR PLAN - WEST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T117	THIRD FLOOR PLAN - WEST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T118	FOURTH FLOOR PLAN - WEST WING -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T119	GROUND FLOOR PLAN - COMMONS -TECHNOLOGY AND SECURITY PLAN	10/29/2024
T401	UNIT PLAN - TYPE 1 AND 2 - TECHNOLOGY	10/29/2024
T402	UNIT PLAN - TYPE 3 AND 4 - TECHNOLOGY	10/29/2024
T403	UNIT PLAN APARTMENT - TECHNOLOGY	10/29/2024
T501	TELECOM RISER DIAGRAM	10/29/2024
T502	SECURITY RISER DIAGRAM	10/29/2024
T503	CCTV RISER DIAGRAM	10/29/2024
T601	COMMUNICATIONS DATA OUTLET IDENTIFICATION SCHEDULE	10/29/2024
T602	COMMUNICATIONS DATA OUTLET IDENTIFICATION SCHEDULE	10/29/2024
T701	TECHNOLOGY DETAILS	10/29/2024
T702	TECHNOLOGY DETAILS	10/29/2024

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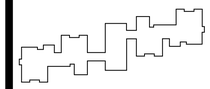
Project Key



Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
DRAWING LIST - VOLUME 1

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature

Date	10/29/2024
PAGE Project No	1018037.01
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Designed by	MW
Drawn by	SRW
Checked by	DLC

G002.1
Drawing Number

REMOVAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCEMENT OF WORK. IF THERE ARE ANY DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF STONY BROOK UNIVERSITY IN WRITING PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THIS WORK. THE CONTRACTOR SHALL COORDINATE DEMOLITION AND REMOVAL WITH STONY BROOK UNIVERSITY AND APPLICABLE AGENCIES, UTILITY COMPANIES, AND/OR SUB-CONTRACTORS THAT MAY APPLY.
3. ALL EXISTING ACTIVE SEWER, DRAINAGE, GAS, WATER, HIGH TEMPERATURE HOT WATER, TELEPHONE, CABLE TV, TELECOMMUNICATION, AND ELECTRIC UTILITY LINES SHALL REMAIN ACTIVE AT ALL TIMES DURING THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE AND/OR RESTORE ANY INTERRUPTION TO ANY UTILITY SERVICE THAT MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OR EQUIPMENT, AT THE CONTRACTOR'S EXPENSE, WITH NO ADDITIONAL EXPENSE TO STONY BROOK UNIVERSITY.
4. ALL EXISTING SEWER, DRAINAGE, GAS, WATER, HIGH-TEMPERATURE HOT WATER, TELEPHONE, CABLE TV, TELECOMMUNICATION AND ELECTRIC UTILITY LINES, AS WELL AS STRUCTURES WITHIN THE CONTRACT AREA SHALL REMAIN AND STAY ACTIVE, UNLESS REMOVAL OF SAME IS SPECIFICALLY NOTED. IF ABANDONED PIPES ARE ENCOUNTERED DURING EXCAVATION, THEN THE CONTRACTOR SHOULD REMOVE PIPE IN AREA OF EXCAVATION AND PLUG AT EACH END OF EXCAVATION. CONTRACTOR SHOULD ENSURE THAT PIPE REALLY IS ABANDONED BEFORE ATTEMPTING THIS OPERATION.
5. THE CONTRACTOR IS TO USE CARE DURING CONSTRUCTION TO AVOID DISTURBING OR DAMAGING ADJACENT ABOVE-GRADE OR SUBGRADE STRUCTURES, FACILITIES, CURBS, PAVEMENTS, AND PERIMETER FENCING. ANY DAMAGE RESULTING FROM THIS WORK WILL BE RESTORED TO THE SATISFACTION OF STONY BROOK UNIVERSITY AT THE CONTRACTOR'S EXPENSE.
6. WHERE NEW CONSTRUCTION ABUTS EXISTING SIDEWALKS, PAVEMENTS, CURBS, OR WALLS, THE EXISTING MATERIALS SHALL BE CLEANLY SAWCUT TO PROVIDE A CLEAN, NEAT MATCH AND A SMOOTH, FLUSH TRANSITION, AS DIRECTED BY STONY BROOK UNIVERSITY AND/OR CONSTRUCTION DOCUMENTS. ALL SAWCUTTING SHALL BE DONE TO NEAT, STRAIGHT, AND ACCURATE LINES. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS (TIE ROD AND/OR SLIP JOINT) WHERE OLD AND NEW CURBS MEET.
7. THE CONTRACTOR SHALL REPLACE ANY EXISTING CURBS, FENCING, OR PAVEMENTS THAT WERE INTENDED TO REMAIN BUT ARE DAMAGED OR DISTURBED DURING CONSTRUCTION. IF REPLACEMENT IS NECESSARY, IT SHALL BE DONE AT THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF STONY BROOK UNIVERSITY.
8. THE CONTRACTOR SHALL ALWAYS EXCAVATE BY HAND WITHIN CRITICAL UTILITY AREAS AND THE DRIPLINE OF EXISTING TREES, OR AS DIRECTED BY STONY BROOK UNIVERSITY AND/OR CONSTRUCTION DOCUMENTS.
9. IN AREAS DESIGNATED FOR EXCAVATION, ALL EXISTING PAVEMENTS, CURBS, AND CATCH BASINS SHALL BE REMOVED ACCORDING TO THE PLANS AND SPECIFICATIONS, AND AS DIRECTED BY STONY BROOK UNIVERSITY.
10. THE CONTRACTOR SHALL DISPOSE OF ALL ITEMS AND MATERIALS REMOVED AND NOT SALVAGED, INCLUDING ALL EXCAVATED MATERIAL, OFF-SITE AND IN A LEGAL MANNER, AND ACCORDING TO SPECIFICATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS (IF APPLICABLE) FROM THE APPROPRIATE AGENCIES PRIOR TO COMMENCING WORK.
12. ALL MATERIALS TO BE SALVAGED FOR THE OWNER SHALL BE DELIVERED BY THE CONTRACTOR TO AN AREA SPECIFIED AND APPROVED BY STONY BROOK UNIVERSITY. ALL MATERIALS NOT NEEDED BY STONY BROOK UNIVERSITY SHALL BE REMOVED AS INDICATED IN REMOVALS ITEM.
13. THE CONTRACTOR SHALL NOT DISTURB AND SHALL PROTECT ALL ITEMS NOT SPECIFICALLY MARKED FOR REMOVAL. THE CONTRACTOR SHALL PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY ITEM DAMAGED BY CONSTRUCTION ACTIVITY TO THE SATISFACTION OF STONY BROOK UNIVERSITY AT NO ADDITIONAL COST TO STONY BROOK UNIVERSITY.
14. CONTRACTOR IS FULLY RESPONSIBLE TO ADHERE TO ALL REQUIRED NYSDEC / SWPPP EROSION CONTROL MEASURES AT ALL TIMES UNTIL FINAL NOTICE OF TERMINATION OF NYSDEC / SWPPP MEASURES ARE APPROVED AND ACCEPTED BY NYSDEC AND STONY BROOK UNIVERSITY.

GENERAL NOTES

1. CONTRACTOR TO PERFORM ALL WORK IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS AS WELL AS TO THE SATISFACTION OF STONY BROOK UNIVERSITY.
2. CONTRACTOR TO SUBMIT A SCHEDULE 14 DAYS PRIOR TO ANY SCHEDULED START OF WORK.
3. ANY DEVIATION TO PLANS AND /OR SPECIFICATION TO BE APPROVED IN WRITING BY STONY BROOK UNIVERSITY E.I.C.
4. ALL NEW SIDEWALKS AND CURBS SHALL MEET EXISTING SIDEWALKS, CURBS AND PAVEMENTS IN A SMOOTH FLUSH CONDITION UNLESS NOTED OTHERWISE.
5. NEW SIDEWALKS, CURBS, WALLS, AND PAVEMENTS SHALL BE BUILT TO A SMOOTH EVEN FINISH WITH A CONSISTENT TOP AND PROFILE WITHOUT WAVES OR IRREGULARITIES. ANY WORK NOT MEETING THIS QUALITY STANDARD SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. ALL BENCHMARKS ARE TO REMAIN UNDISTURBED DURING CONSTRUCTION.
7. INFORMATION SHOWING EXISTING UTILITY LINES MAY BE INCOMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF ANY UTILITY LINES THEY MAY ENCOUNTER AND TO PROTECT SAID LINES.
8. LOCATIONS OF ALL UTILITIES ARE SHOWN DIAGRAMMATICALLY. THE CONTRACTOR SHALL MAKE PRELIMINARY INVESTIGATIONS, INCLUDING ANY NECESSARY EXCAVATION AND TEST PITS, TO DETERMINE IF THE WORK CAN BE DONE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE CONSTRUCTION PROJECT MANAGER.
9. ALL NEW UNDERGROUND UTILITIES SHALL INCLUDE THE INSTALLATION OF A METALLIC-LINED, PLASTIC UNDERGROUND MARKER TAPE. THE TAPE SHALL BE BURIED DIRECTLY ABOVE THE UTILITY AND CONTAIN THE PRINTED NAME OF THE UTILITY, REPEATED CONTINUOUSLY ALONG ITS LENGTH.
10. THE CONTRACTOR SHALL VERIFY ALL EXISTING TOPOGRAPHIC INFORMATION. ANY DISCREPANCIES BETWEEN THE SURVEY AND EXISTING CONDITIONS, BETWEEN PLANS AND SPECIFICATIONS, OR BETWEEN DIFFERENT PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION PROJECT MANAGER IN WRITING PRIOR TO COMMENCING WORK.
11. THE CONTRACTOR SHALL USE EXTREME CARE TO PROTECT UTILITIES AND EXISTING TREES, AND THEIR ROOTS. ONLY HAND EXCAVATE AS NECESSARY WITHIN CLOSE PROXIMITY TO UTILITIES AND THE DRIP LINES OF TREES AS DIRECTED BY THE CONSTRUCTION PROJECT MANAGER.
12. THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING EARTHWORK OPERATIONS, TO AVOID DISTURBING ADJACENT FACILITIES AND OR SUB GRADE STRUCTURES. ALL DAMAGE RESULTING FROM CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REPAIRED AT NO EXPENSE TO THE OWNER. ALL REPAIR WORK SHALL BE DONE TO THE SATISFACTION OF THE CONSTRUCTION PROJECT MANAGER.
13. SUBGRADE AND BASE COURSE MATERIAL SHALL BE COMPACTED TO MINIMUM 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY AS DETERMINED BY ASTM D 698
14. ALL SANITARY WORK TO BE DONE IN ACCORDANCE WITH SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS.
15. SANITARY WORK SHALL NOT COMMENCE UNTIL WRITTEN APPROVAL IS OBTAINED BY SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS AND DEPARTMENT OF HEALTH, FOR ALL SANITARY RELATED WORK.
16. UNDERGROUND UTILITY INFORMATION PROVIDED BY RECORD INFORMATION PROVIDED BY STONY BROOK UNIVERSITY AND BY SUB-SUBSURFACE UTILITY MARK-OUT PERFORMED BY U.L. ENGINEERS AND TEST PITS WERE PERFORMED BY G&M EARTHMOVING, BETWEEN 3-2-2020 AND 3-13-2020.
17. ALL DRAINAGE PIPING TO BE DUCTILE IRON PIPE FROM BUILDING TO FIRST MANHOLE. (ALSO AT ANY CROSSINGS LESS THAN 18" VERTICAL DEPTH) ALL OTHER DRAINAGE PIPING TO BE HIGH DENSITY CORRUGATED POLYETHYLENE (H-20 LOADING).
18. ALL SANITARY PIPING TO BE DUCTILE IRON PIPE FROM BUILDING TO FIRST MANHOLE. (ALSO AT ANY CROSSINGS LESS THAN 18" VERTICAL DEPTH) ALL OTHER SANITARY PIPING TO BE PVC-SDR 26 (H-20 LOADING).
19. ENGINEERING DESIGN OF NEW HIGH-TEMPERATURE HOT WATER SERVICE (HTHWS) TO BE PROVIDED BY SETTY. (REFER TO SHEET M002 DESIGN BY SETTY).
20. EXISTING HTHW LINE INFORMATION IS BASED ON RECORD INFORMATION PROVIDED BY STONY BROOK UNIVERSITY PREPARED BY SCHUYLER ENGINEERING, P.C. ON FEBRUARY 5, 2007.

LEGEND

SYMBOL	DESCRIPTION
——— — ———	LIMIT OF WORK
BOL, •	NEW CONCRETE-FILLED STEEL PIPE BOLLARD
PT, ⌖	PERCOLATION TEST
CB, □	12"x12" SHALLOW CATCH BASIN, TYPE 2
CB, ◢	CATCH BASIN (5'X4.5'), TYPE 1
● ◉ ST, ○ ◎	STORM SEWER MANHOLE
SA, ● ◎	SANITARY SEWER MANHOLE
L, • ⊙	LEACHING POOL
Ø	DIAMETER
DWS,	DETECTABLE WARNING SURFACE
AP1,	NEW FULL DEPTH ASPHALT
C7,	NEW 7" REINFORCED CONCRETE
	FULL DEPTH RESTORATION IN KIND
	MILL AND REPAVE
PAV,	NEW PAVERS (REFER TO L-502)
SW	NEW 4" THICK SIDEWALK
GV, ⊗	NEW 6" GATE VALVE
H,	NEW FIRE HYDRANT
LP,	NEW LIGHT POLE AND FIXTURE (SEE LIGHTING DRAWINGS)
——→	PIPE DRAINAGE FLOW ARROW
⇒	SURFACE DRAINAGE FLOW ARROW

ABBREVIATIONS

ADA	NEW ADA PARKING STALL SIGNS
AE	ACCESSIBLE ENTRANCE (SEE DETAIL #9 ON C-501)
AM	NEW ADA STRIPING (ADA BLUE)
AP	NEW ASPHALT WALKWAY
AP1	NEW FULL DEPTH ASPHALT
BC	BOTTOM OF CURB
BS	AXLE BIKE SHELTER (REFER TO L-502)
BOP	BOTTOM OF PIPE ELEVATION
BW	BOTTOM OF WALL
CB	CATCH BASIN
CC	NEW CONCRETE CURB
UYP	UTILITY YARD CONCRETE PAD
C/O	CLEAN OUT
DPC	DROP CURB TO GRADE (FLUSH CURB)
EC	EXISTING CONTOUR
E.I.C	ENGINEER-IN-CHARGE
EXIST. / EX.	EXISTING
FDC	NEW FIRE BUILDING CONNECTION
F4	4' BLACK CHAIN LINK FENCE
F8	8' BLACK CHAIN LINK FENCE
GC	NEW 4" X 8" X 12" BELGIAN BLOCK CURB (REFER TO L-502)
IV	ISOLATION VALVE
GV	GATE VALVE
G8	8' BLACK CHAIN LINK GATE
HP	HIGH POINT
INV	INVERT
L #	LEACHING POOL (DOME GRATE/OPEN GRATE)
M #	MANHOLE
MEG	MEET EXISTING GRADES
PCG	PERMEABLE GRASS ROADWAY PAVERS (FIRE LANE H-20 LOADING)
PC	PROPOSED CONTOUR
PROP.	PROPOSED
PT	PERCOLATION TEST
R1	NEW RAILINGS
R2	NEW HANDRAIL (REFER TO L-503)
SB	NEW STOP BAR
WCWS	NEW WHITE CROSSWALK STRIPING
SD	STORM DRAIN
SS	SANITARY SEWER
ST	STORM SEWER
TC	TOP OF CURB
TOP	TOP OF PIPE ELEVATION
TE	WOOD FENCE TRASH ENCLOSURE (REFER TO L-502)
TW	TOP OF WALL
VIF	VERIFY IN FIELD

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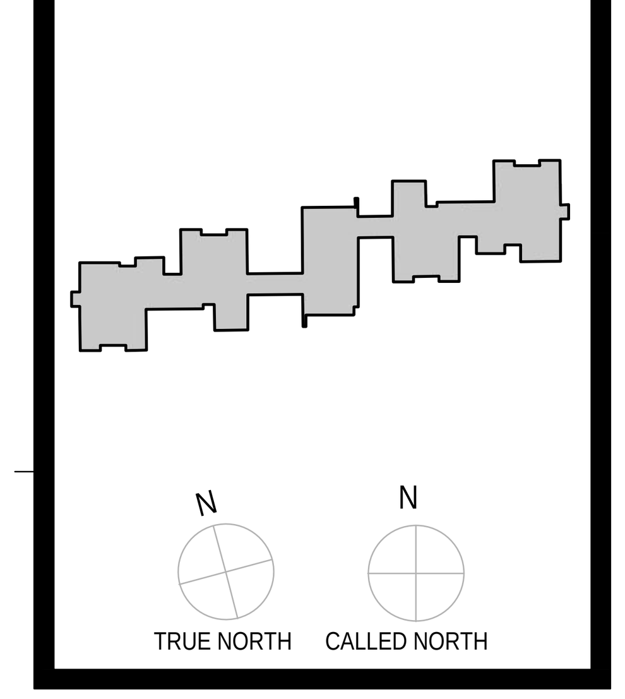
Project Key



Revisions

Rev	Description	Date

Client

Stony Brook University

Project Title

TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title

CIVIL NOTES

Phase

CONSTRUCTION DOCUMENTS

Professional Seal & Signature

Date: 10/29/2024
PAGE Project No: 1018037.01
Scale: AS INDICATED
Designed by: HR
Drawn by: JM
Checked by: AF

C100

Drawing Number

LEGEND

- TREE
- FIRE HYDRANT
- METAL LIGHT POLE
- ROUND STORM DRAIN
- UNIDENTIFIED MANHOLE
- SANITARY MANHOLE
- STORM SEWER
- WATER LINE
- CHAIN LINK FENCE
- COMMUNICATIONS
- ELECTRIC LINE
- SANITARY SEWER
- INTERVAL CONTOUR
- MINOR CONTOUR
- GAS LINE
- GAS LINE
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- WATER VALVE
- ELECTRICAL BOX
- TRAFFIC SIGN

Survey Notes

1. Unauthorized alteration or addition to this survey that was prepared by a licensed PLS at PS&S, is a violation of Section 7209, Sub-Division 2 of the New York State Education Law. Copies of this survey map not bearing the surveyor's inked or embossed seal shall not be considered to be a valid true copy.
2. Certifications indicated hereon shall run only to the person for whom the survey is prepared, and on his behalf to the Title Company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owners.
3. Offsets shown hereon are for a specific purpose and should not be used as a basis for construction of fences or other structures.
4. The Vertical Datum of this project is NAVD88.
5. The Horizontal Datum of this project is NAD83 New York State Plane Coordinates, Long Island Zone and are in United States Survey Feet.
6. Both Horizontal and Vertical Data that were obtained by PS&S are derived from redundant RTK-GPS observations taken on 13 May 2019.
7. No boundary work was performed as part of this survey. No boundary lines are shown hereon and no boundary lines will be guaranteed in association with this survey.
8. Underground utilities shown hereon are a compilation of record information and on the ground mark-outs preformed by BL Companies between 02/28/2020 and 03/03/2020.

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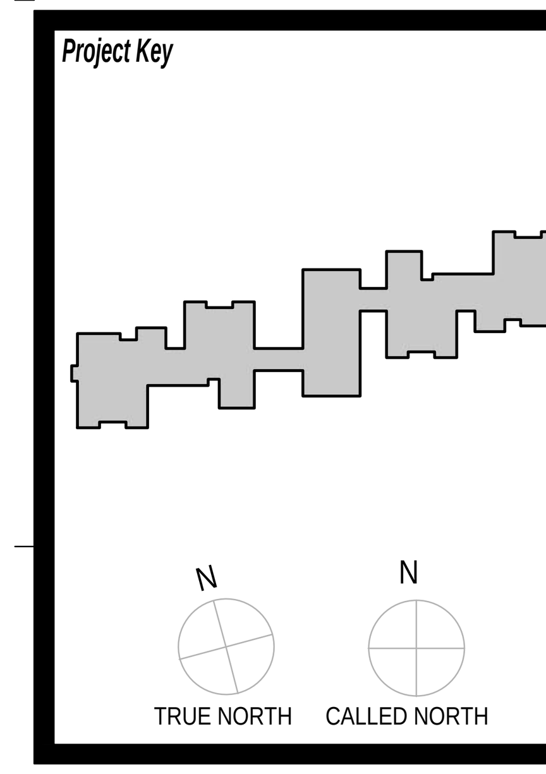

Revisions

Rev	Description	Date

Client

Stony Brook University

Project Title

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500 Circle Road
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Drawing Title

EXISTING CONDITIONS PLAN

Phase

CONSTRUCTION DOCUMENTS

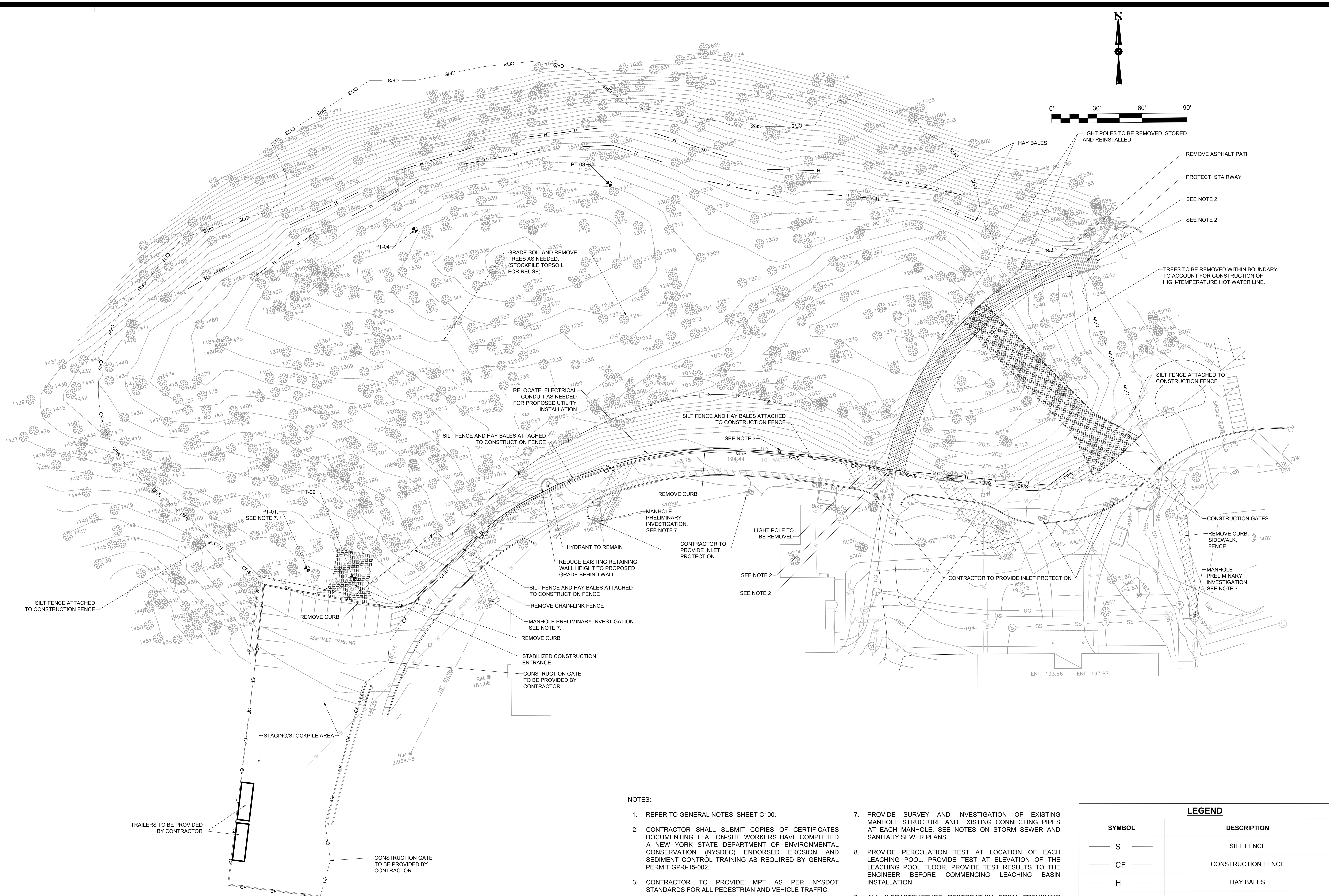
Professional Seal & Signature

STATE OF NEW YORK · JOHN ROBERT McWILLIAMS · 050277 · LICENSED LAND SURVEYOR

Date	10/29/2024
PAGE Project No	1018037.01
Scale	AS INDICATED
Designed by	JS
Drawn by	ZA
Checked by	JS

Drawing Number

C101



NOTES:

1. REFER TO GENERAL NOTES, SHEET C100.
2. CONTRACTOR SHALL SUBMIT COPIES OF CERTIFICATES DOCUMENTING THAT ON-SITE WORKERS HAVE COMPLETED A NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) ENDORSED EROSION AND SEDIMENT CONTROL TRAINING AS REQUIRED BY GENERAL PERMIT GP-0-15-002.
3. CONTRACTOR TO PROVIDE MPT AS PER NYSDOT STANDARDS FOR ALL PEDESTRIAN AND VEHICLE TRAFFIC.
4. EXISTING ELECTRICAL LINE TO BE RELOCATED AS NEEDED TO ACCOMMODATE PROPOSED SEWER MANHOLES.
5. SEE LANDSCAPING PLANS FOR TREE REMOVALS.
6. PLEASE NOTE THE GRADES IN THE PROJECT AREA. CONTRACTOR SHALL ADJUST AND ADD EROSION CONTROL MEASURES AS NEEDED TO MAINTAIN SOIL AND PREVENT ADDITIONAL EROSION.
7. PROVIDE SURVEY AND INVESTIGATION OF EXISTING MANHOLE STRUCTURE AND EXISTING CONNECTING PIPES AT EACH MANHOLE. SEE NOTES ON STORM SEWER AND SANITARY SEWER PLANS.
8. PROVIDE PERCOLATION TEST AT LOCATION OF EACH LEACHING POOL. PROVIDE TEST AT ELEVATION OF THE LEACHING POOL FLOOR. PROVIDE TEST RESULTS TO THE ENGINEER BEFORE COMMENCING LEACHING BASIN INSTALLATION.
9. ALL INFRASTRUCTURE RESTORATION FROM TRENCHING UTILITIES SHALL BE REPLACE-IN-KIND AS PER THE REQUEST OF JOHN FOGARTY FROM STONY BROOK UNIVERSITY ON 02/04/2019 CONFERENCE MEETING.
10. CONTRACTOR TO PROVIDE PEDESTRIAN DETOUR ROUTES AND SIGNAGE AS NEEDED.
11. ALL EXISTING ACTIVE SEWER, DRAINAGE, GAS, WATER, HIGH-TEMPERATURE HOT WATER, TELEPHONE, CABLE TV, TELECOMMUNICATION AND ELECTRIC UTILITY LINES SHALL REMAIN ACTIVE AT ALL TIMES DURING CONSTRUCTION.

LEGEND

SYMBOL	DESCRIPTION
S	SILT FENCE
CF	CONSTRUCTION FENCE
H	HAY BALES
CF/S	CONSTRUCTION AND SILT FENCE
-x-x-	CHAIN-LINK FENCE REMOVAL
(hatch)	ASPHALT REMOVAL
(hatch)	AREA TO BE DISTURBED DUE TO UTILITY EXCAVATION
(symbol)	PERCOLATION TEST

REMOVALS AND EROSION CONTROL PLAN
1" = 30'-0"
1

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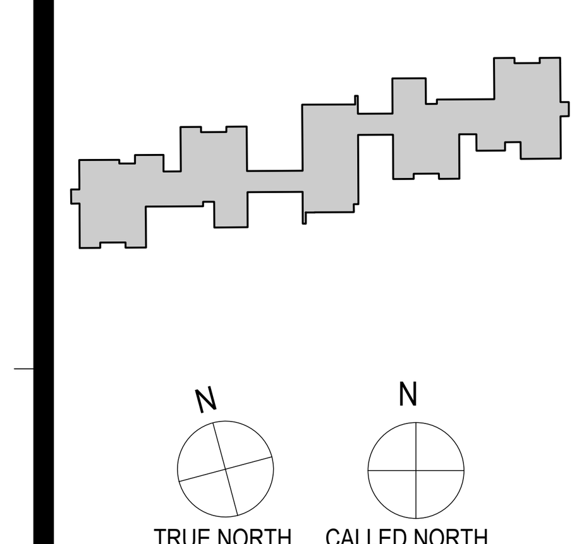


Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
REMOVALS AND EROSION CONTROL PLAN

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
STATE OF NEW YORK · ALAN FOX · LICENSED PROFESSIONAL ENGINEER · 091210

Date
10/29/2024

PAGE Project No
1018037.01

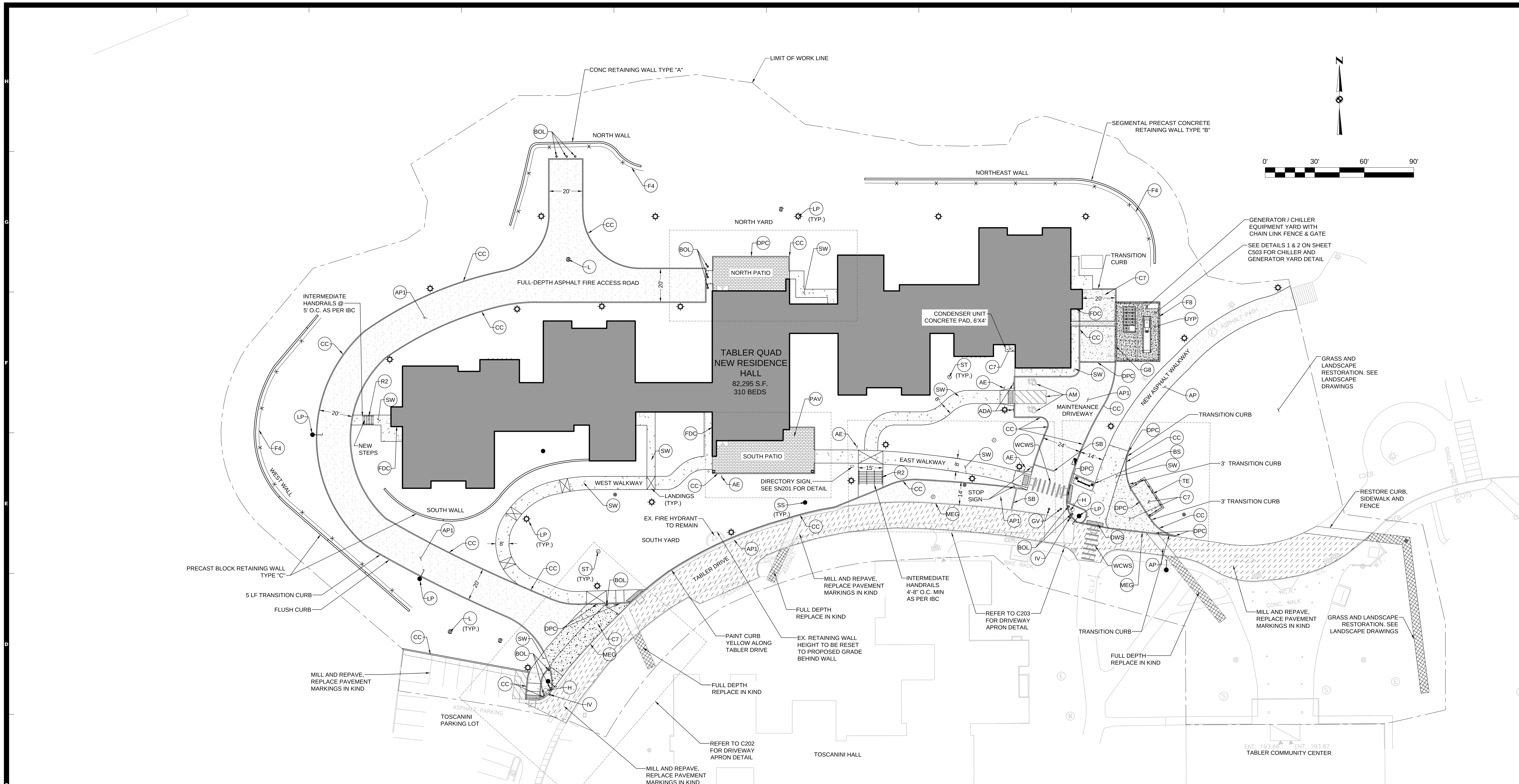
Scale
AS INDICATED

Designed by
HR

Drawn by
JM

Checked by
AF

C102
Drawing Number



SITE PLAN 1
1" = 30'-0"

NOTES:

1. PROVIDE TEMPORARY ASPHALT RESTORATION ALONG EXISTING ROADWAYS AND WALKWAYS AFTER LEAVING THE AREA OF TRENCH WORK.

2. PROVIDE PAVEMENT RESTORATION FOR UTILITY AND CURB TRENCHING ALONG EXISTING ROADWAY AND WALKWAYS. MILLING AND REPAVING OF EXISTING ASPHALT ROADWAY IS BY THE UNIVERSITY. ALL INFRASTRUCTURE RESTORATION FROM TRENCHING UTILITIES SHALL BE REPLACE-IN-KIND.

3. THE CONTRACTOR WILL SUBMIT COPIES OF CERTIFICATES DOCUMENTING THAT ON-SITE WORKERS HAVE COMPLETED A NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION ENDORSED EROSION & SEDIMENT CONTROL TRAINING AS REQUIRED BY GENERAL PERMIT GP-0-15-002.

LEGEND

SYMBOL	DESCRIPTION
	NEW FULL DEPTH ASPHALT
	NEW 7" REINFORCED CONCRETE
	FULL DEPTH RESTORATION IN KIND
	MILL AND REPAVE
	NEW PAVERS (REFER TO L-502)
	NEW 4" THICK SIDEWALK

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Trophy Point
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Project Key

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Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL
500 Circle Road
Stony Brook, New York 11790

Drawing Title
SITE PLAN

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
STATE OF NEW YORK · ALAN FOX · 091240 · LICENSED PROFESSIONAL ENGINEER

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C103
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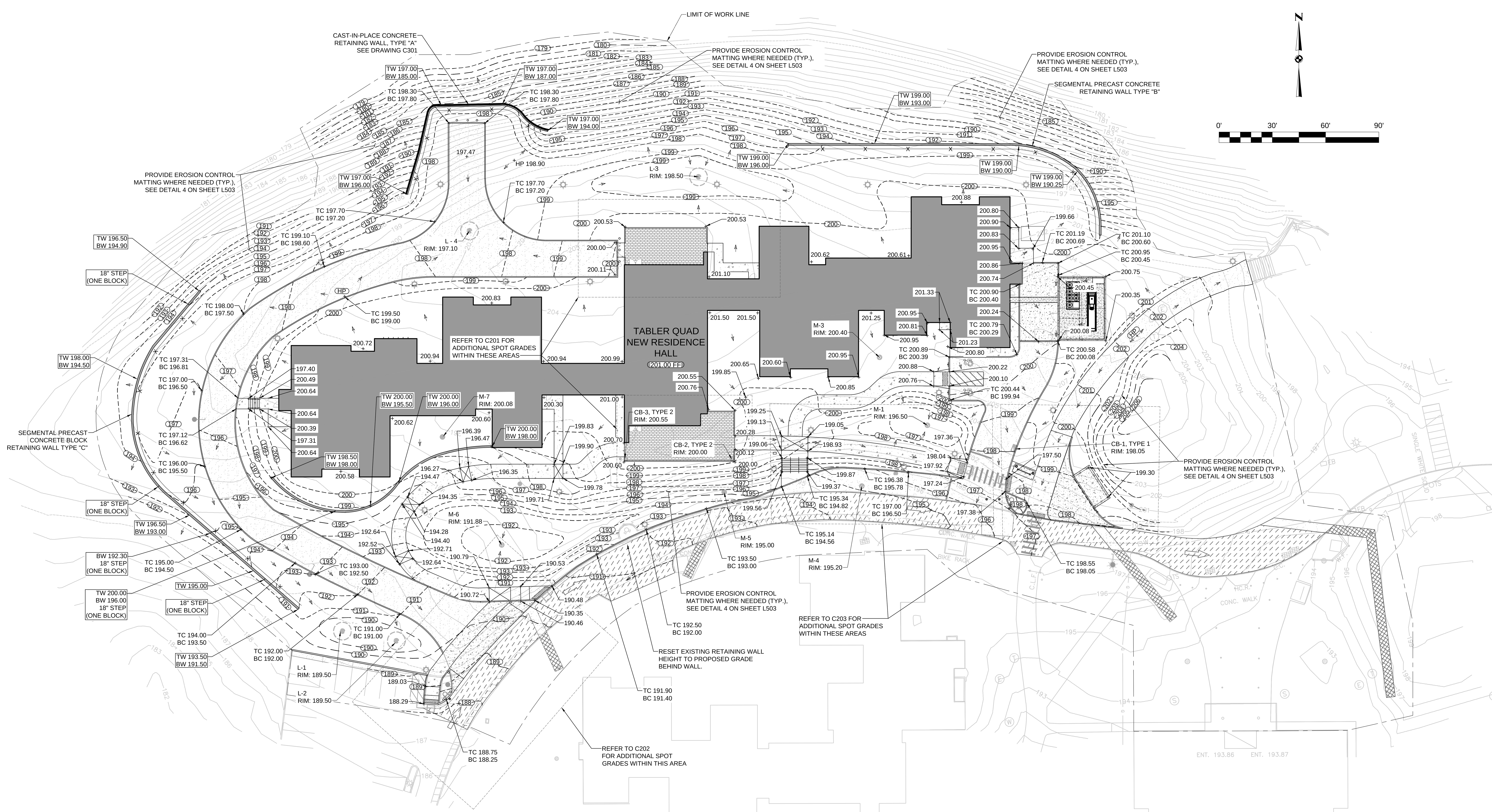

GRADING AND DRAINAGE PLAN 1
1" = 30'-0"

DRAINAGE AND GRADING NOTES:

1. UNDERGROUND UTILITY INFORMATION PROVIDED BY RECORD INFORMATION PROVIDED BY STONY BROOK AND BY SUB-SUBSURFACE UTILITY MARK-OUT PERFORMED BY U.L. ENGINEERS AND TEST PITS WERE PERFORMED BY G&M EARTHMOVING, BETWEEN 3-2-2020 AND 3-13-2020.
2. ALL DRAINAGE PIPING TO BE DUCTILE IRON PIPE FROM BUILDING TO FIRST MANHOLE. (ALSO AT ANY CROSSINGS LESS THAN 18" VERTICAL DEPTH) ALL OTHER DRAINAGE PIPING TO BE HIGH DENSITY CORRUGATED POLYETHYLENE (H-20 LOADING).
3. THE CONTRACTOR SHALL REFERENCE NEW YORK STATE GUIDELINES FOR URBAN SEDIMENTATION AND EROSION CONTROL.
4. FOR DRAINAGE STRUCTURE SIZES, REFER TO DRAINAGE TABLE ON SHEET C107.

EARTHWORK NOTES:

1. THE APPROXIMATE EARTHWORK VOLUMES FOR THIS SITE ARE:
   - 2D AREA: 198,900 SQUARE FEET
   - CUT: 8,400 CUBIC YARDS
   - FILL: 4,000 CUBIC YARDS
   - NET: 4,400 CUBIC YARDS
2. QUANTITIES HAVE BEEN ROUNDED OFF TO REFLECT THE FACT THAT THESE ARE ONLY ESTIMATES AND WILL VARY BASED UPON SITE CONDITIONS, CONTRACTOR'S MEANS AND METHODS, AND SEQUENCE OF CONFIGURATION.
3. UNDERGROUND CONDUITS/PIPING FOR BOTH EXISTING AND PROPOSED ARE NOT INCLUDED WITHIN THE EARTHWORK VOLUMES, INCLUSIVE OF THE REQUIRED BACKFILL MATERIALS NECESSARY FOR THE INSTALLATION OF THESE CONDUITS.
4. QUANTITIES DO NOT INCLUDE EARTHWORK VOLUMES FOR FOUNDATIONS OF THE BUILDING AND SITE FACILITIES, UTILITIES, AND PAVEMENTS.

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Trophy Point
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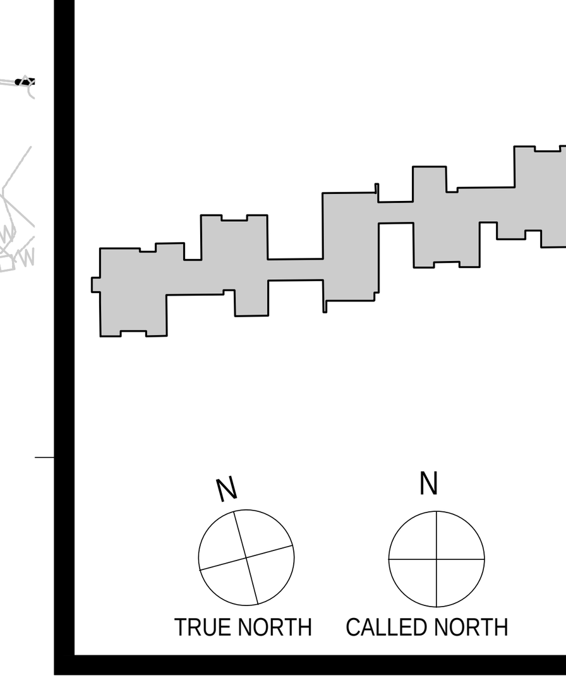
Project Key



Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
GRADING AND DRAINAGE PLAN

Phase
CONSTRUCTION DOCUMENTS

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JM
Checked by
AF

C104
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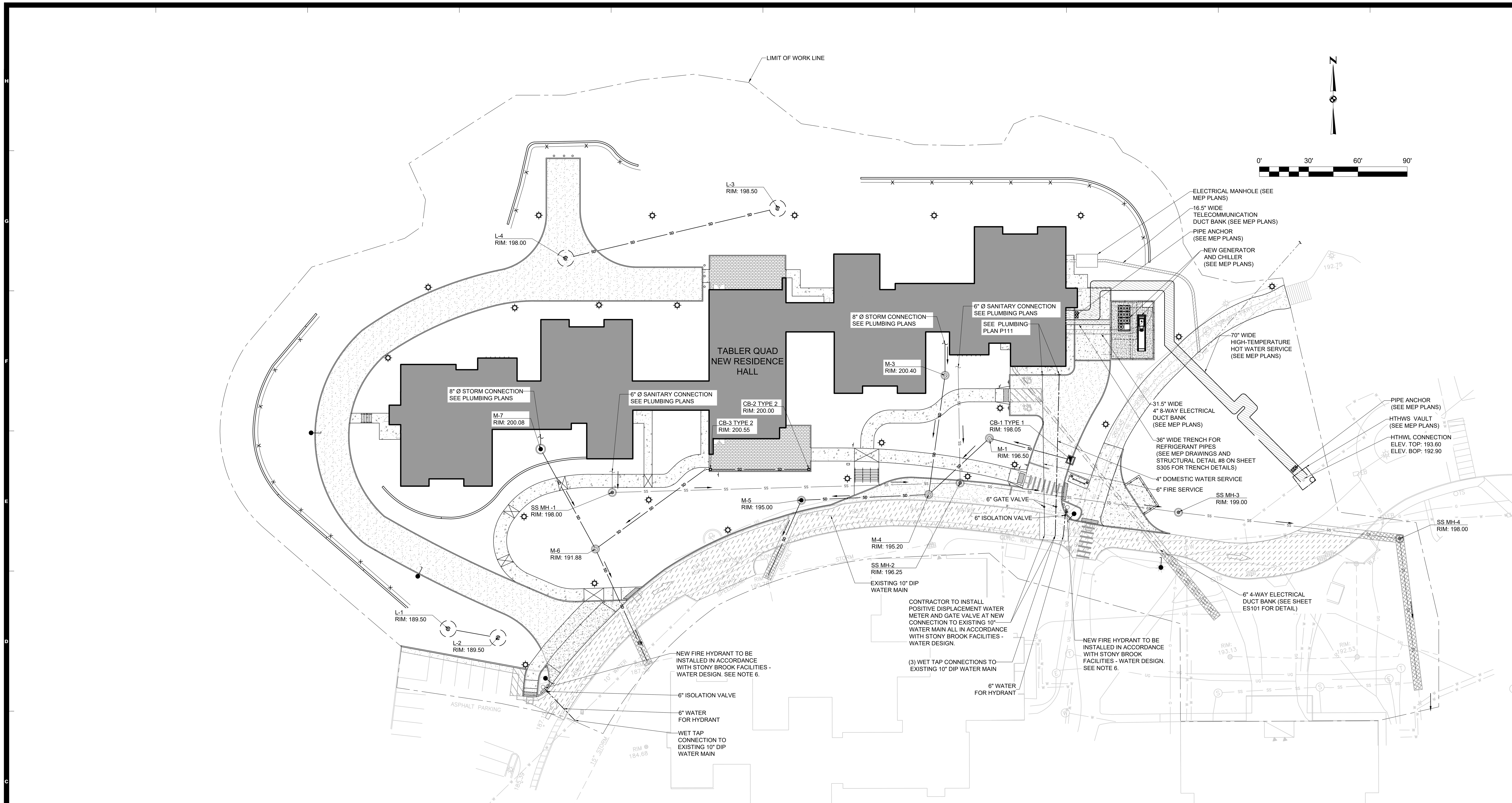

UTILITY PLAN 1

1" = 30'-0"

NOTES:

1. UNDERGROUND UTILITY INFORMATION PROVIDED BY RECORD INFORMATION PROVIDED BY STONY BROOK AND BY SUB-SUBSURFACE. UTILITY MARK-OUT PERFORMED BY U.L. ENGINEERS, AND TEST PITS WERE PERFORMED BY G&M EARTHMOVING, BETWEEN 3-2-2020 AND 3-13-2020.
2. ALL DRAINAGE PIPING TO BE DUCTILE IRON PIPE FROM BUILDING TO FIRST MANHOLE, AND AT ANY CROSSINGS LESS THAN 18" VERTICAL DEPTH. ALL OTHER DRAINAGE PIPING TO BE HIGH DENSITY CORRUGATED POLYETHYLENE (H-20 LOADING).
3. ALL SANITARY PIPING TO BE DUCTILE IRON PIPE FROM BUILDING TO FIRST MANHOLE, AND AT ANY CROSSINGS LESS THAN 18" VERTICAL DEPTH. ALL OTHER SANITARY PIPING TO BE PVC-SDR 26 (H-20 LOADING).
4. ENGINEERING DESIGN OF NEW HIGH-TEMPERATURE HOT WATER SERVICE (HTHWS) TO BE PROVIDED BY SETTY. (REFER TO SHEET M002 DESIGN BY SETTY).
5. EXISTING HTHW LINE INFORMATION IS BASED ON RECORD INFORMATION PROVIDED BY STONY BROOK PREPARED BY SCHUYLER ENGINEERING, P.C. ON FEBRUARY 5, 2007.
6. ALL PROPOSED FIRE HYDRANTS SHALL BE MUELLER COMPANY SUPER CENTURION A421. THREAD TYPE FOR FIRE HYDRANT SHALL BE TWO (2) 2-1/2" N.Y. CORP. THREAD HOSE HUBS AND ONE (1) 4-1/2" N.C. THREAD PUMPER HUB. SEE HYDRANT ASSEMBLY DETAIL ON SHEET C507.
7. ALL HYDRANTS SHALL HAVE 3'-0" CLEAR SPACE AROUND AS PER NEW YORK STATE FIRE CODE.
8. WATER MAIN BRANCH FROM CAMPUS WATER MAIN TO FIRE HYDRANT SHALL BE 6" DIA. CLASS 52 CEMENT-LINED DUCTILE IRON PIPE.
9. WATER PIPING SHALL BE BURIED A MINIMUM OF 4'-6" BELOW FINISHED GRADE OR AS REQUIRED BY LOCAL FROST CONDITIONS.
10. ALL NEW UNDERGROUND UTILITIES SHALL INCLUDE THE INSTALLATION OF A METALLIC-LINED, PLASTIC UNDERGROUND MARKER TAPE. THE TAPE SHALL BE BURIED DIRECTLY ABOVE THE UTILITY AND CONTAIN THE PRINTED NAME OF THE UTILITY, REPEATED CONTINUOUSLY ALONG ITS LENGTH,
11. FOR LIGHTING FIXTURES AND ELECTRICAL WIRING, ELECTRICAL DUCT BANK REFER TO ELECTRICAL PLAN SHEET ES101.

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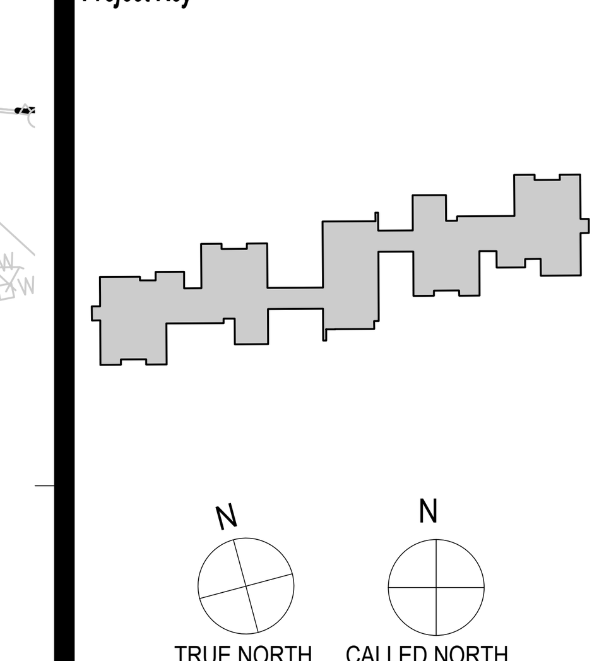
Project Key



Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
UTILITY PLAN

Phase
CONSTRUCTION DOCUMENTS

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Drawn by	JM
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C105

Drawing Number

BUILDING LAYOUT PLAN 1

1" = 30'-0"

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Drawing Title

BUILDING LAYOUT PLAN

Phase

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Drawn by JM
Checked by AF

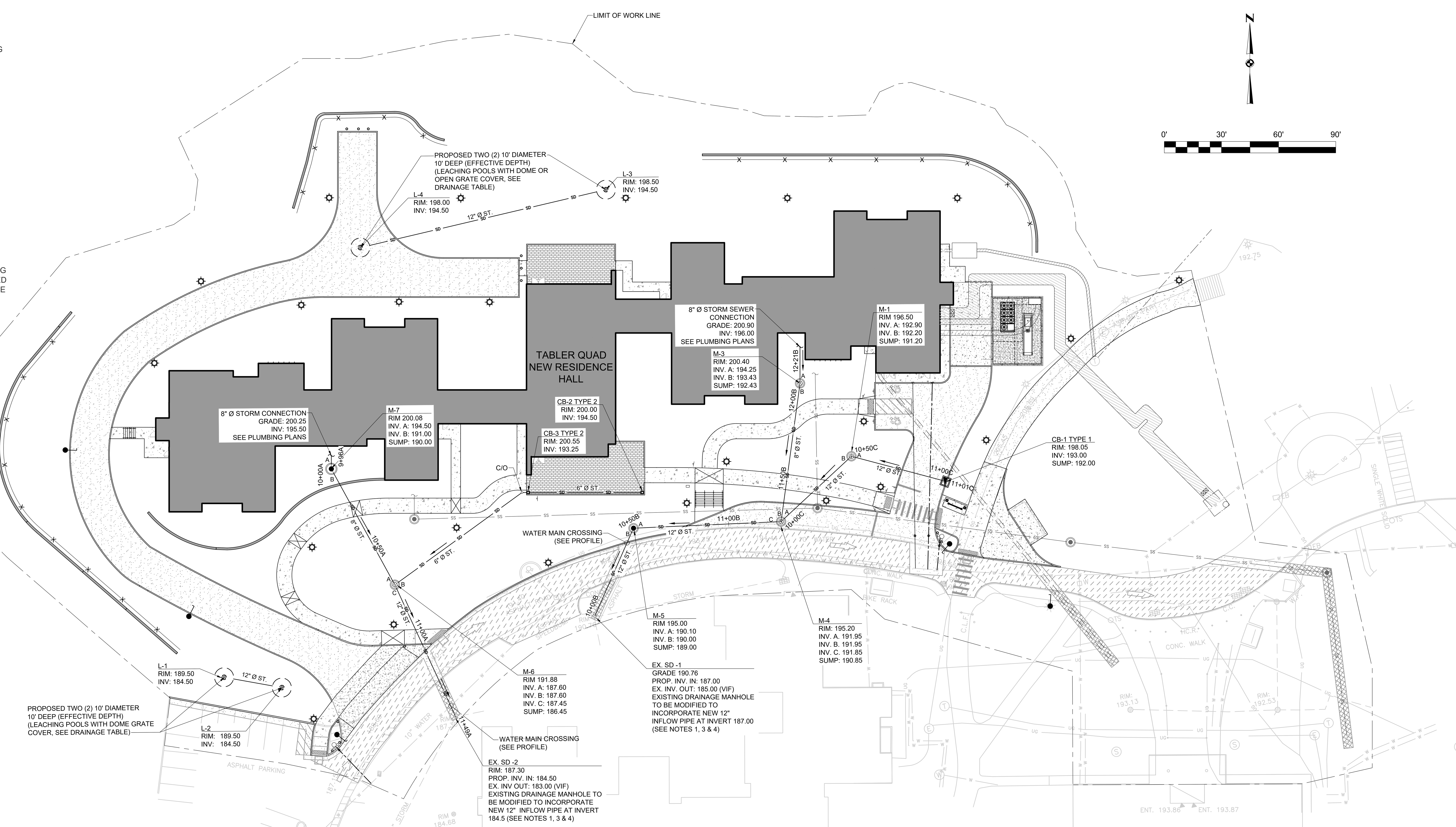
C106

Drawing Number

...01.00 - SUNY SB Tabler Quad New Residence Hall\12 Drawings\12B Reference Drawings\Civil\C000-Civil Notes.dwg

NOTE:

1. UNDERGROUND UTILITY INFORMATION PROVIDED BY RECORD INFORMATION PROVIDED BY STONY BROOK AND BY SUB-SUBSURFACE UTILITY MARK-OUT PERFORMED BY U.L. ENGINEERS AND TEST PITS WERE PERFORMED BY G&M EARTHMOVING, BETWEEN 3-2-2020 AND 3-13-2020.
2. ALL DRAINAGE PIPING TO BE DUCTILE IRON PIPE FROM BUILDING TO FIRST MANHOLE. (ALSO AT ANY CROSSINGS LESS THAN 18" VERTICAL DEPTH) ALL OTHER DRAINAGE PIPING TO BE HIGH DENSITY CORRUGATED POLYETHYLENE (H-20 LOADING).
3. PRIOR TO INSTALLATION AND ORDERING MATERIALS, CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITION, RIMS AND INVERTS FROM EX. SD-1 AND EX. SD-2 AND PROVIDE CONFIRMATION TO ENGINEER PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
4. PRIOR TO INSTALLATION PROVIDE INVESTIGATION OF EACH EXISTING MANHOLE. DETERMINE STRUCTURAL CONDITION OF MANHOLE AND EXISTING PIPES CONNECTING TO THE EXISTING MANHOLE. PROVIDE A REPORT TO THE ENGINEER BEFORE PROCEEDING WITH WORK ON EACH MANHOLE. PROVIDE REHABILITATION OF MANHOLE STRUCTURE AND CONNECTING PIPES TO BRING STRUCTURE AND PIPES TO A STATE OF GOOD REPAIR. REPLACE MANHOLE STRUCTURES THAT ARE NOT ABLE TO BE BROUGHT TO A STATE OF GOOD REPAIR.
5. COMPLY WITH ALL SCDPW REQUIREMENTS.
6. CONTRACTOR TO VERIFY SEPARATION DISTANCE FROM EXISTING UTILITY LINES. PROVIDE MINIMUM SEPARATION OF 18" AS NEEDED TO EXISTING WATER LINES AS PER SCDPW GUIDELINES. PROVIDE CONCRETE CRADLE ON PIPE FOR UTILITY CROSSINGS WHERE VERTICAL SEPARATION IS NOT FEASIBLE DUE TO FIELD CONDITIONS. REFER TO CONCRETE CRADLE DETAIL ON SHEET C507.



STORM SEWER PLAN 1
1" = 30'-0"

STORM DRAINAGE STRUCTURES TABLE					
NO.	TYPE	SIZE	RIM ELEVATION	INVERTS	COVER TYPE
CB-1	CATCH BASIN, TYPE 1	5'X4.5'	198.05	193.00	GRATE
CB-2	CATCH BASIN, TYPE 2	12"X12"	200.00	194.50	GRATE
CB-3	CATCH BASIN, TYPE 2	12"x12"	200.55	193.25	GRATE
L-1	LEACHING POOL	10 FT DIA. 10 FT DEEP	189.50	184.50	DOME GRATE
L-2	LEACHING POOL	10 FT DIA. 10 FT DEEP	189.50	184.50	DOME GRATE
L-3	LEACHING POOL	10 FT DIA. 10 FT DEEP	198.50	194.50	DOME GRATE
L-4	LEACHING POOL	10 FT DIA. 10 FT DEEP	198.00	194.50	GRATE
M-1	MANHOLE	5' INTERNAL DIAMETER (SEE INVERTS AND DETAIL FOR DEPTH)	196.50	A - 192.90 B - 192.20	DOME GRATE
M-3	MANHOLE	5' INTERNAL DIAMETER (SEE INVERTS AND DETAIL FOR DEPTH)	200.40	A - 194.25 B - 193.43	GRATE
M-4	MANHOLE	5' INTERNAL DIAMETER (SEE INVERTS AND DETAIL FOR DEPTH)	195.20	A - 191.95 B - 191.95 C - 191.85	GRATE
M-5	MANHOLE	5' INTERNAL DIAMETER (SEE INVERTS AND DETAIL FOR DEPTH)	195.00	A - 190.10 B - 190.00	SOLID
M-6	MANHOLE	5' INTERNAL DIAMETER (SEE INVERTS AND DETAIL FOR DEPTH)	191.88	A - 187.60 B - 187.60 C - 187.45	DOME GRATE
M-7	MANHOLE	5' INTERNAL DIAMETER (SEE INVERTS AND DETAIL FOR DEPTH)	200.08	A - 194.50 B - 191.00	SOLID
EX. SD-1	EXISTING MANHOLE	UNKNOWN	190.76	PROP. - 187.00 (IN) EX. - 185.00 (OUT)	EXISTING GRATE
EX. SD-2	EXISTING MANHOLE	UNKNOWN	187.30	PROP. - 184.50 (IN) EX. - 183.00 (OUT)	EXISTING GRATE

STORM DRAINAGE STRUCTURES, IF AND WHERE REQUIRED	
STRUCTURE	QUANTITY
DRAINAGE MANHOLE REHABILITATION	TWO (2)
DRAINAGE MANHOLE	TWO (2)
CATCH BASINS - TYPE 1	TWO (2)
CATCH BASINS - TYPE 2	TWO (2)

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Project Key

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Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
STORM SEWER PLAN

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
STATE OF NEW YORK ALAN FOX 091240 LICENSED PROFESSIONAL ENGINEER

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Drawn by JM
Checked by AF

C107
Drawing Number

SUNY SB Tabler Quad New Residence Hall\12 Drawings\12B Reference Drawings\Civil\C000-Civil Notes.dwg

NOTE:

1. UNDERGROUND UTILITY INFORMATION PROVIDED BY RECORD INFORMATION PROVIDED BY STONY BROOK AND BY SUB-SUBSURFACE UTILITY MARK-OUT PERFORMED BY U.L. ENGINEERS AND TEST PITS WERE PERFORMED BY G&M EARTHMOVING, BETWEEN 3-2-2020 AND 3-13-2020.
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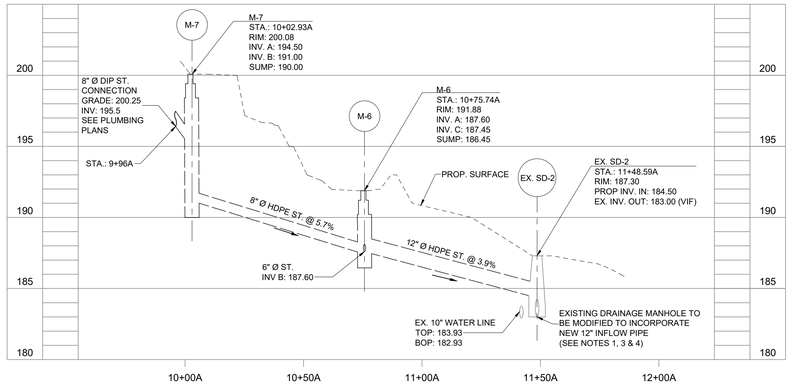
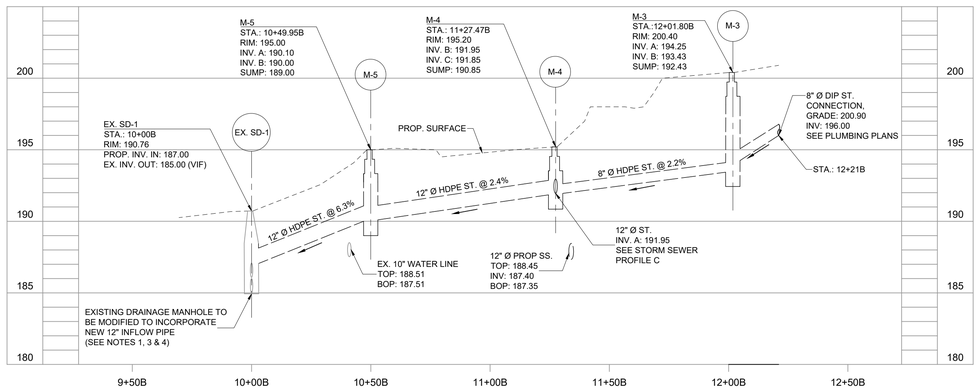
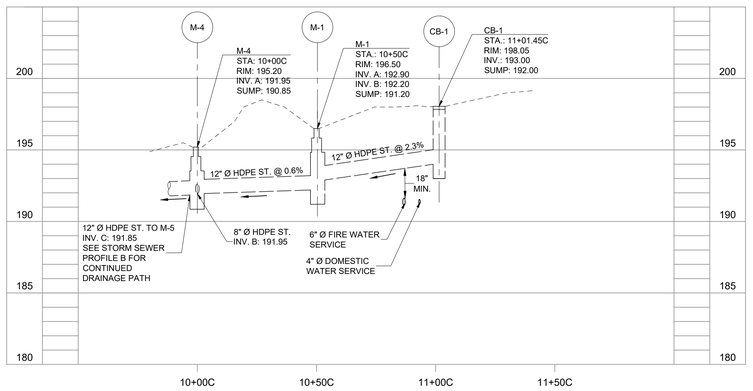
4. PRIOR TO INSTALLATION PROVIDE INVESTIGATION OF EACH EXISTING MANHOLE. DETERMINE STRUCTURAL CONDITION OF MANHOLE AND EXISTING PIPES CONNECTING TO THE EXISTING MANHOLE. PROVIDE A REPORT TO THE ENGINEER BEFORE PROCEEDING WITH WORK ON EACH MANHOLE. PROVIDE REHABILITATION OF MANHOLE STRUCTURE AND CONNECTING PIPES TO BRING STRUCTURE AND PIPES TO A STATE OF GOOD REPAIR. REPLACE MANHOLE STRUCTURES THAT ARE NOT ABLE TO BE BROUGHT TO A STATE OF GOOD REPAIR.
5. REFER TO DRAINAGE STRUCTURE TABLE ON SHEET C107.
6. COMPLY WITH ALL SCDPW REQUIREMENTS.
7. CONTRACTOR TO VERIFY SEPARATION DISTANCE FROM EXISTING UTILITY LINES. PROVIDE MINIMUM SEPARATION OF 18" AS NEEDED TO EXISTING WATER LINES AS PER SCDPW GUIDELINES. PROVIDE CONCRETE CRADLE ON PIPE FOR UTILITY CROSSINGS WHERE VERTICAL SEPARATION IS NOT FEASIBLE DUE TO FIELD CONDITIONS. REFER TO CONCRETE CRADLE DETAIL ON SHEET C507.



STORM SEWER PROFILE A
SCALE VERTICAL: 1" = 5'
SCALE HORIZONTAL: 1" = 30'



STORM SEWER PROFILE B
SCALE VERTICAL: 1" = 5'
SCALE HORIZONTAL: 1" = 30'



STORM SEWER PROFILE C
SCALE VERTICAL: 1" = 5'
SCALE HORIZONTAL: 1" = 30'

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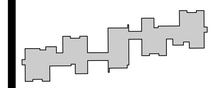

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Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
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500 Circle Road
Stony Brook, New York 11790

Drawing Title
STORM SEWER PROFILES

Phase
CONSTRUCTION DOCUMENTS

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Designed by	HR
Drawn by	JM
Checked by	AF

C108
Drawing Number

STORM SEWER PROFILES | 1

NOTE:

1. UNDERGROUND UTILITY INFORMATION PROVIDED BY RECORD INFORMATION PROVIDED BY STONY BROOK AND BY SUB-SUBSURFACE UTILITY MARK-OUT PERFORMED BY U.L. ENGINEERS AND TEST PITS WERE PERFORMED BY G&M EARTHMOVING, BETWEEN 3-2-2020 AND 3-13-2020.
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3. CONTRACTOR TO REFER TO NOTES ON SHEET C-100.
4. PRIOR TO INSTALLATION AND ORDERING MATERIALS, CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS, RIMS, AND INVERTS OF EX. SS MH S83 AND PROVIDE CONFIRMATION TO ENGINEER PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
5. PRIOR TO INSTALLATION PROVIDE INVESTIGATION OF EACH EXISTING MANHOLE. DETERMINE STRUCTURAL CONDITION OF MANHOLE AND EXISTING PIPES CONNECTING TO THE EXISTING MANHOLE. PROVIDE A REPORT TO THE ENGINEER BEFORE PROCEEDING WITH WORK ON EACH MANHOLE. PROVIDE REHABILITATION OF MANHOLE STRUCTURE AND CONNECTING PIPES TO BRING STRUCTURE AND PIPES TO A STATE OF GOOD REPAIR. REPLACE MANHOLE STRUCTURES THAT ARE NOT ABLE TO BE BROUGHT TO A STATE OF GOOD REPAIR.
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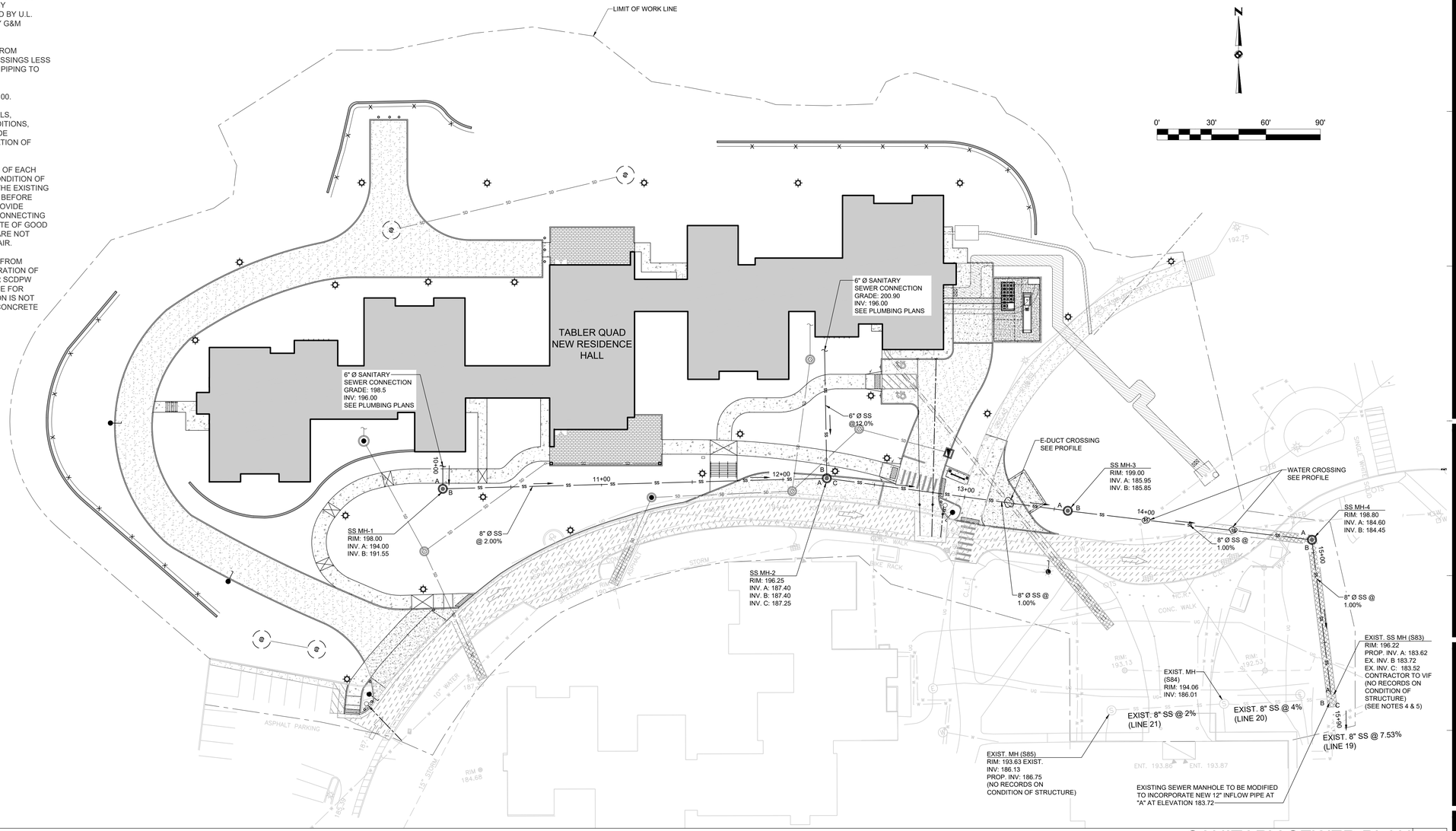
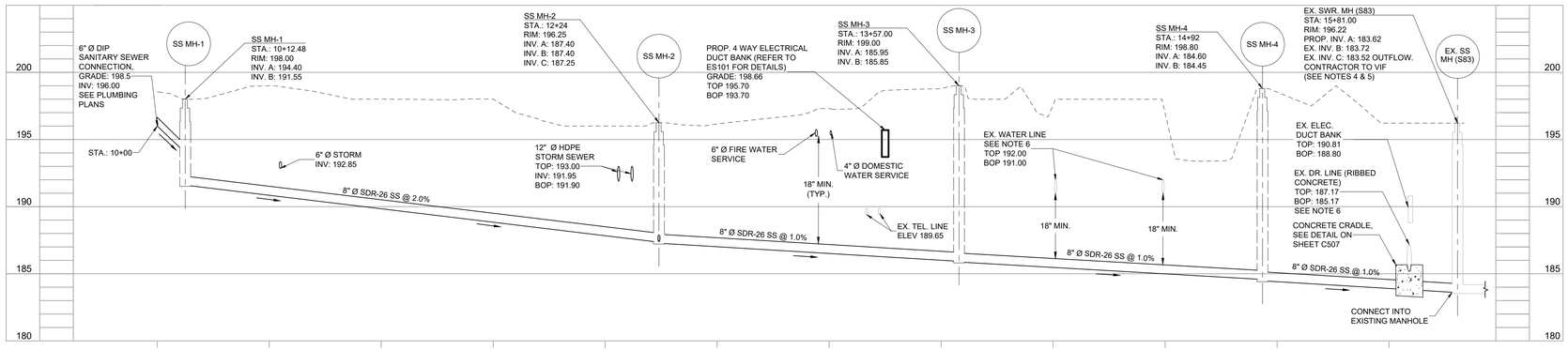


SANITARY SEWER PLAN 1

1" = 30'-0"

FLOW DATA
PROVIDED BY SETTY
DORMITORY: 77.5 GPD X 310 BEDS = 24,025 GPD
APARTMENT: 225 GPD X 2 = 450 GPD
24,475 GPD PROPOSED FLOW



PROPOSED SANITARY SEWER PROFILE
SCALE VERTICAL: 1" = 5'
SCALE HORIZONTAL: 1" = 30'

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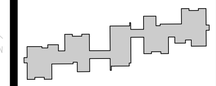

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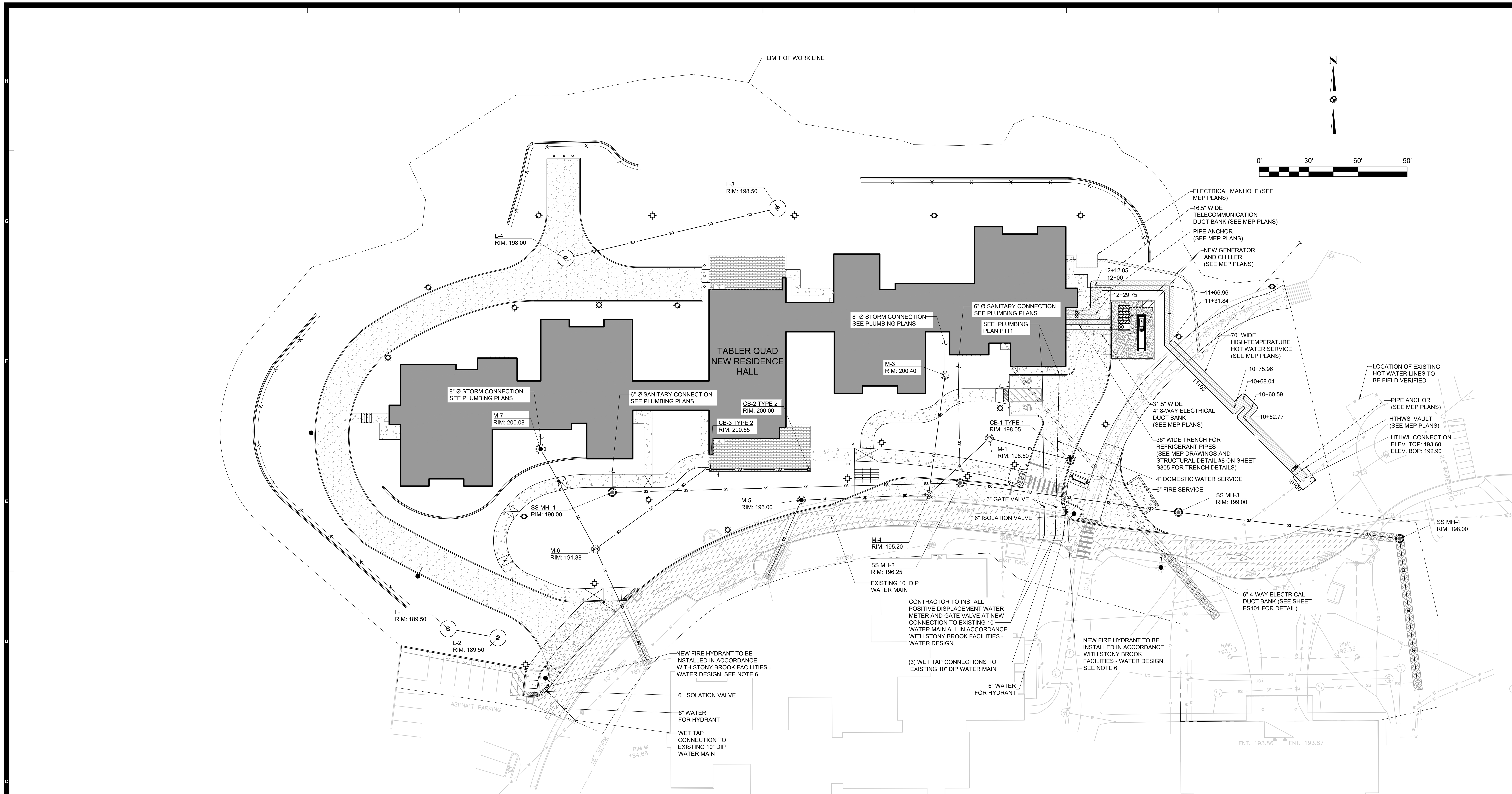
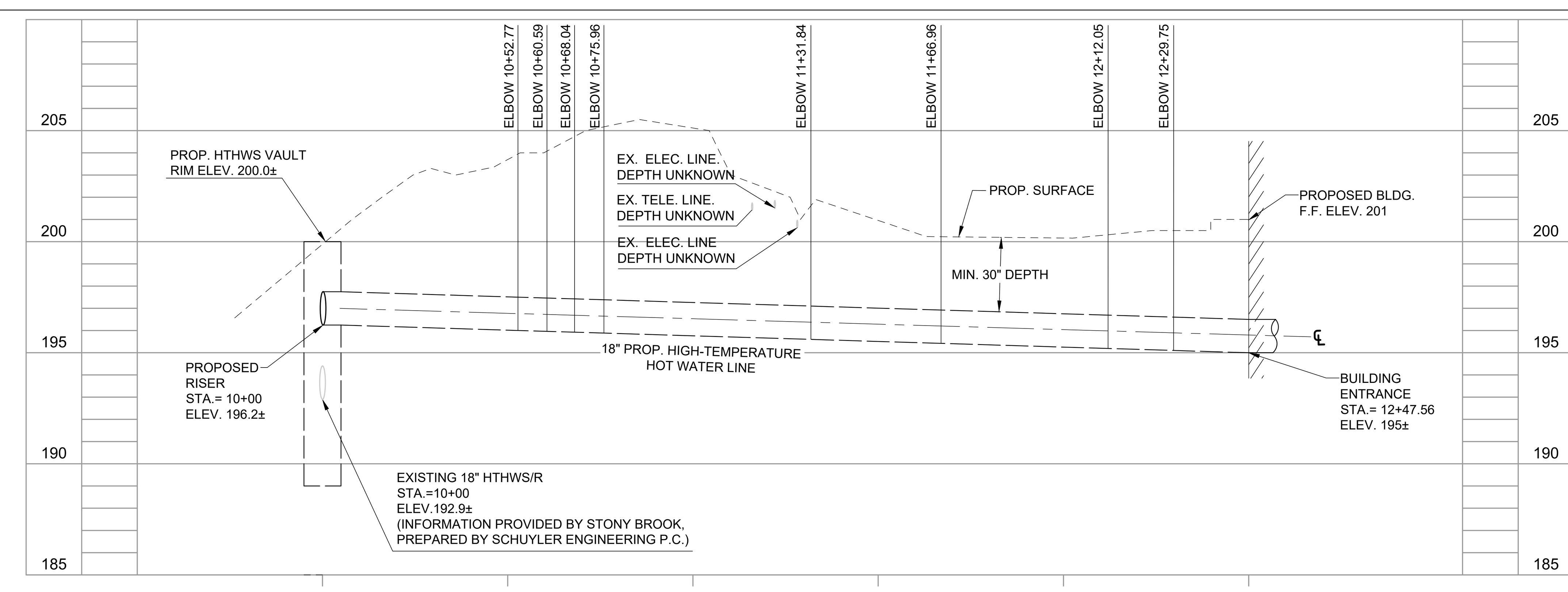


HIGH-TEMPERATURE HOT WATER LINE PROFILE 1

1" = 30'-0"



PROPOSED HIGH-TEMPERATURE HOT WATER LINE PROFILE
VERTICAL SCALE: 1" = 5', HORIZONTAL SCALE: 1" = 30'

NOTE:

1. UNDERGROUND UTILITY INFORMATION PROVIDED BY RECORD INFORMATION PROVIDED BY STONY BROOK AND BY SUB-SUBSURFACE UTILITY MARK-OUT PERFORMED BY U.L. ENGINEERS OF TEST PITS PERFORMED BY G&M EARTHMOVING, BETWEEN 3-2-2020 AND 3-13-2020.
2. ENGINEERING DESIGN OF NEW HIGH-TEMPERATURE HOT WATER SERVICE TO BE PROVIDED BY SETTY. (REFER TO SHEET M002 DESIGN BY SETTY)
3. EXISTING HTHWS LINE INFORMATION IS BASED ON RECORD INFORMATION PROVIDED BY STONY BROOK PREPARED BY SCHUYLER ENGINEERING, P.C. ON FEBRUARY 5, 2007.

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HIGH-TEMPERATURE HOT WATER LINE PROFILE

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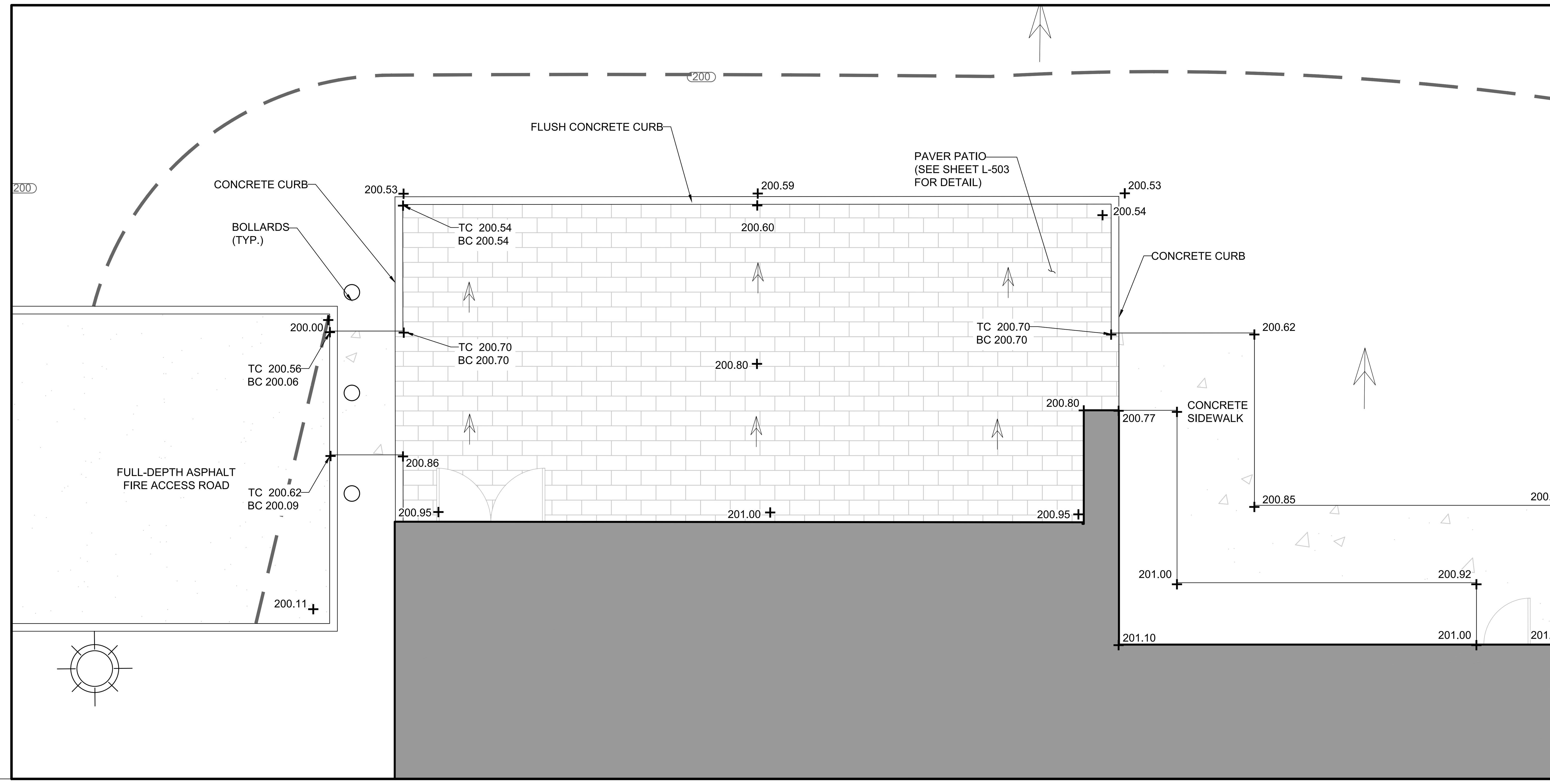
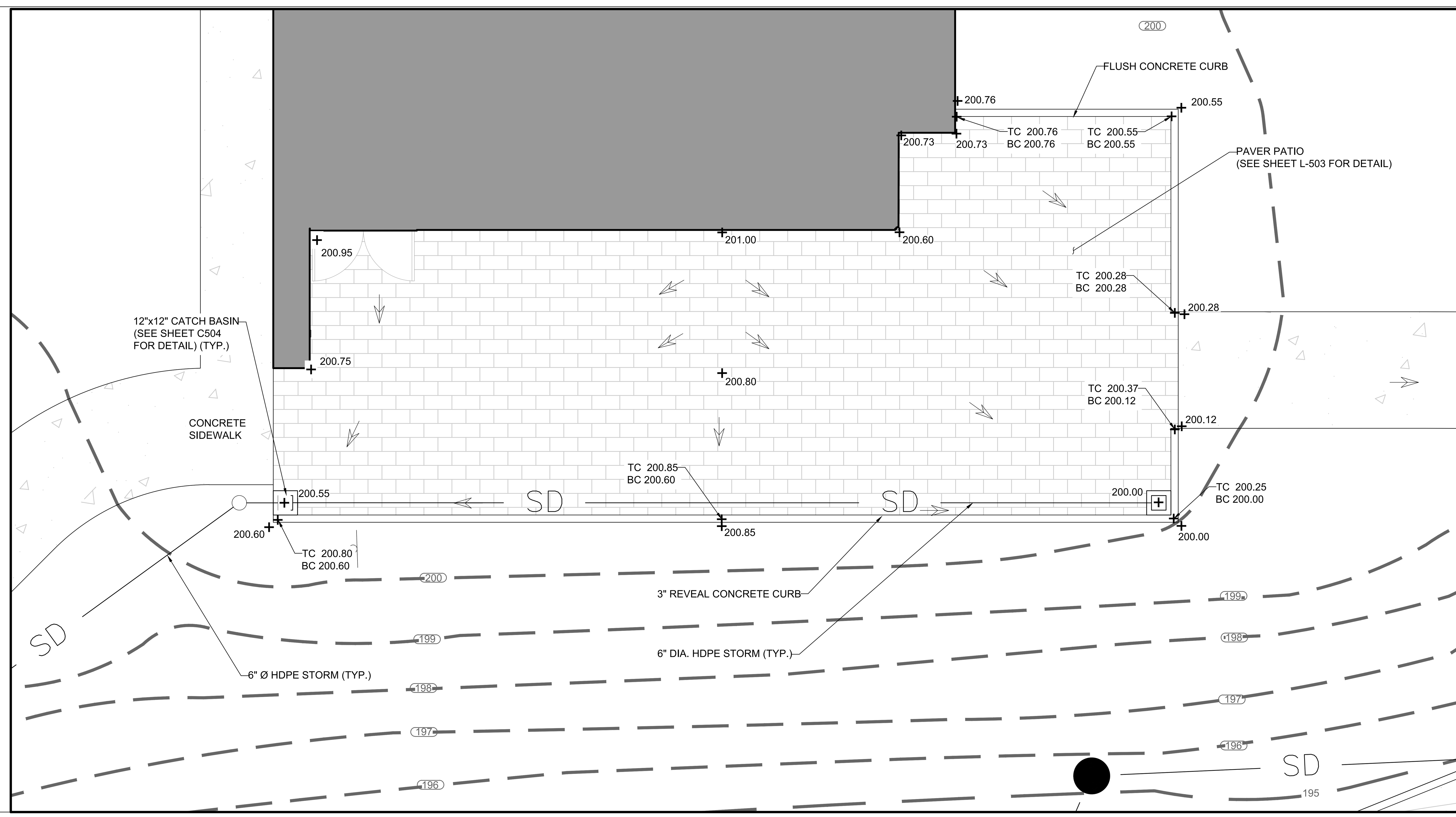


DETAIL VIEW 1
1" = 5'-0"



DETAIL VIEW 3
1" = 5'-0"

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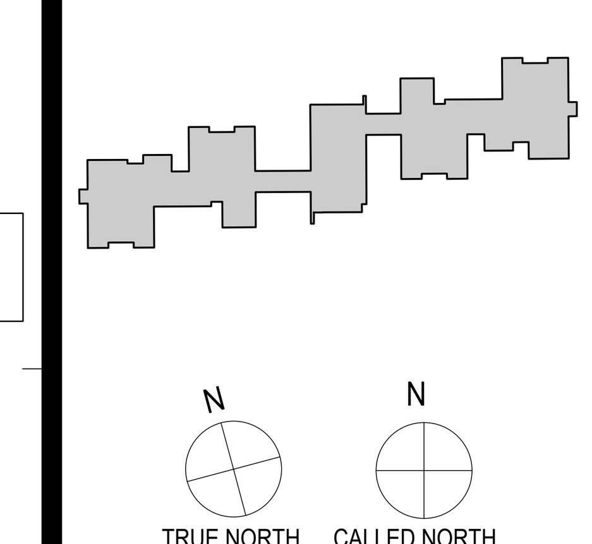

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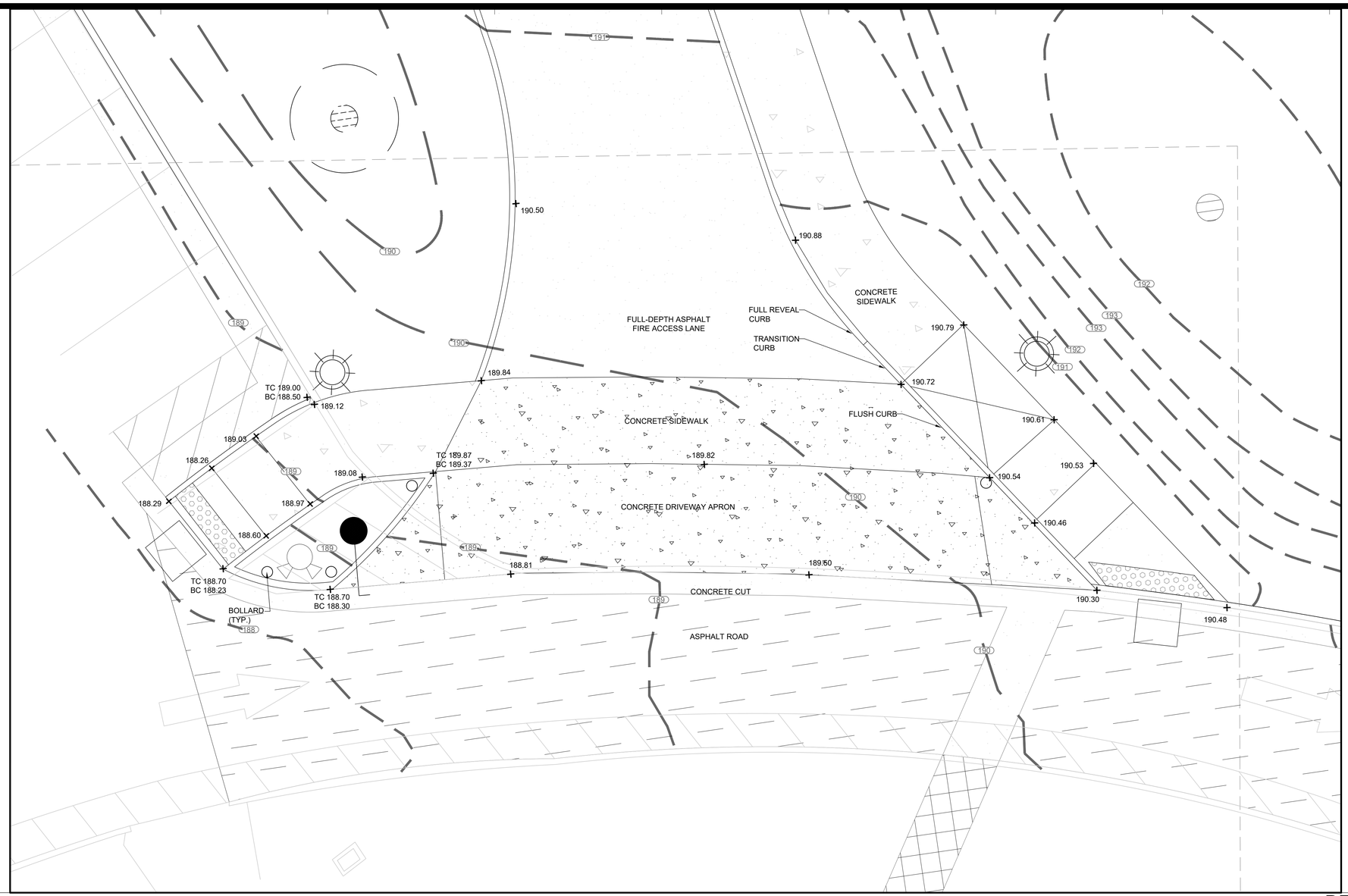

DETAIL VIEW 2 | 1
1" = 5'-0"

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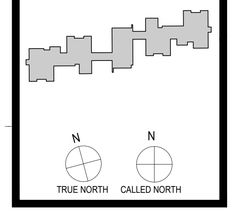

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RAMP GRADING DETAIL

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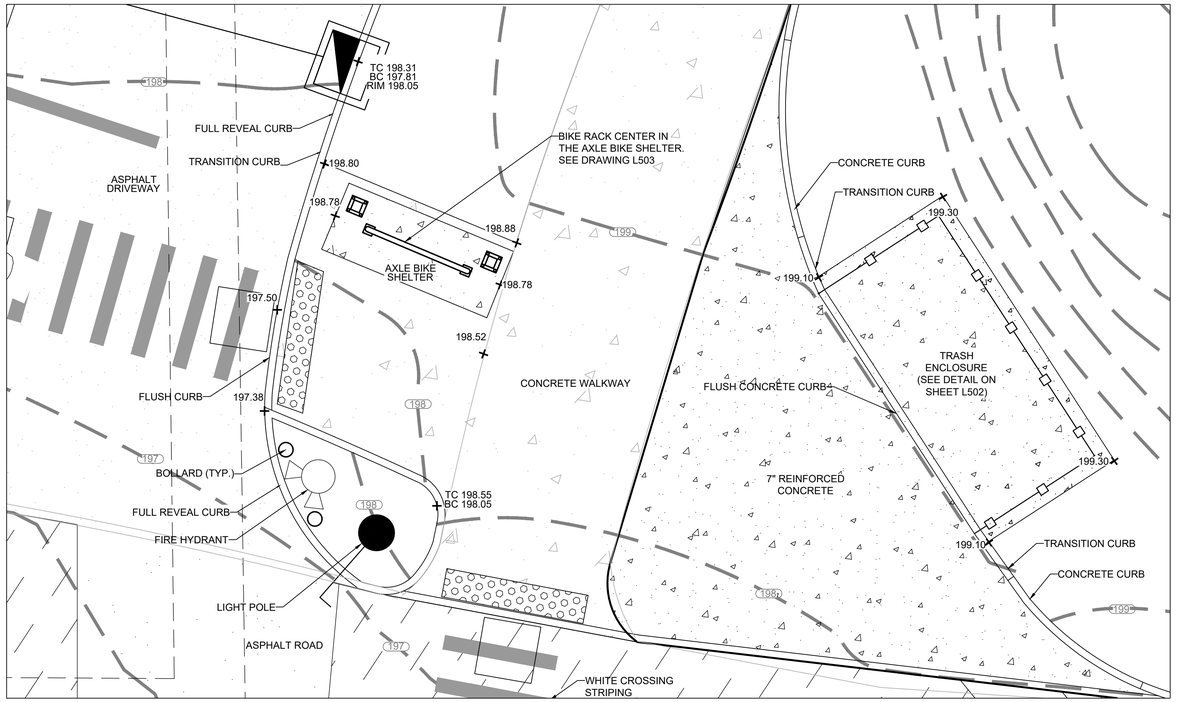

DETAIL VIEW 5
1" = 5'-0"
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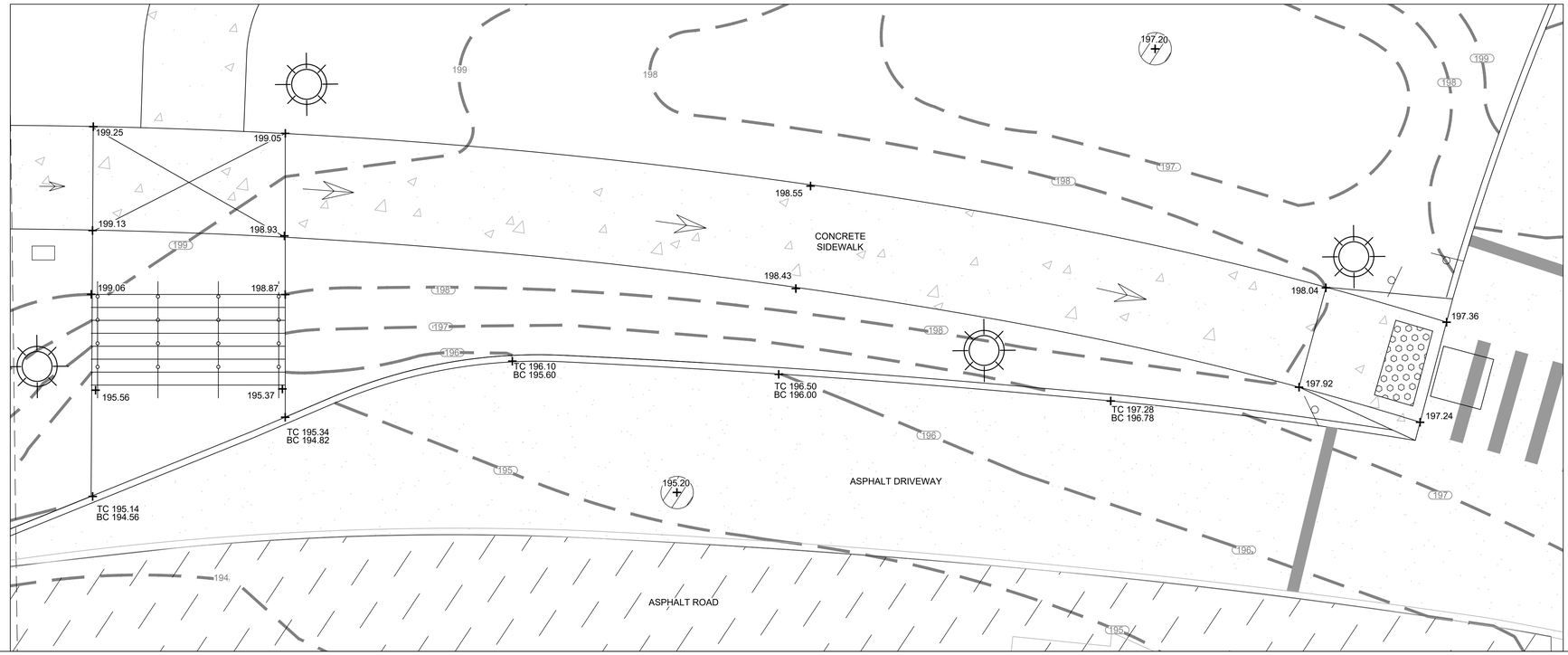

DETAIL VIEW 4
1" = 5'-0"
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RETAINING WALL GENERAL NOTES

1. CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY (I.E. TEMPORARY BRACING AND SHORING IF REQUIRED) DURING CONSTRUCTION MEANS, METHODS, AND SEQUENCE.
2. THE FOLLOWING PROJECT GENERAL NOTES AND STANDARD DETAILS APPLY TO THE ENTIRE PROJECT EXCEPT WHERE THERE ARE SPECIFIC INDICATIONS TO THE CONTRARY.
3. IF THERE EXISTS A CONFLICT BETWEEN THE PROJECT SPECIFICATIONS AND STRUCTURAL CONTRACT DRAWINGS, INCLUDING STRUCTURAL NOTES, CONTACT ENGINEER FOR CLARIFICATION. SPECIFIC NOTES AND DETAILS CONTAINED WITHIN THE CONTRACT DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND STANDARD DETAILS.
4. STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS AS STATED ON THE CONTRACT DRAWINGS. OVERSTRESSING OF STRUCTURAL MEMBERS DURING CONSTRUCTION IS PROHIBITED. ALL TEMPORARY BRACING AND STRUCTURES REQUIRED FOR CONSTRUCTION SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK AND RETAINED BY THE CONTRACTOR.
5. ALL EXISTING CONDITIONS SHOWN ON THE CONTRACT DOCUMENTS ARE FROM AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF EXISTING CONDITIONS VARY SIGNIFICANTLY FROM THAT SHOWN ON THE CONTRACT DOCUMENTS.
6. ALL STRUCTURAL FILL AND BACKFILL SHALL BE PLACED IN MAXIMUM NINE-INCH LOOSE LIFTS AND COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY WITHIN TWO PERCENT OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D 1557 (MODIFIED PROCTOR).
7. CONTRACTOR SHALL UTILIZE A VIBRATORY DRUM ROLLER FOR ON-SITE SOILS AND SMALL HAND-HELD VIBRATORY COMPACTOR WITHIN EXCAVATIONS.

SOILS AND FOUNDATIONS

1. THE PROVISIONS OF CHAPTER 18 OF THE INTERNATIONAL BUILDING CODE SHALL GOVERN THE MATERIALS, QUALITY CONTROL, DESIGN, AND CONSTRUCTION OF SOILS AND FOUNDATIONS UNLESS MODIFIED BY MORE STRINGENT REQUIREMENTS IN THE CONTRACT DOCUMENTS.
2. REFERENCE REPORT OF GEOTECHNICAL INVESTIGATION (ROGI) PREPARED BY WHITESTONE ASSOCIATES DATED SEPTEMBER 6, 2019.
3. CONTRACTOR SHALL RETAIN A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK AT THE CONTRACTOR'S EXPENSE. CONTRACTOR'S ENGINEER SHALL VERIFY SITE CONDITIONS ARE CONSISTENT WITH THE FINDINGS STATED IN THE ROGI. NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. SOIL DESIGN PARAMETERS:
   MOIST DENSITY = 140 PCF
   INTERNAL FRICTION ANGLE = 28°
   ALLOWABLE BEARING PRESSURE = 5,000 PSI
5. A SAMPLE OF THE IMPORTED FILL MATERIAL OR ANY ON-SITE MATERIAL PROPOSED FOR REUSE AS STRUCTURAL FILL OR BACKFILL SHOULD BE SUBMITTED TO THE GEOTECHNICAL ENGINEER FOR ANALYSIS AND APPROVAL AT LEAST ONE WEEK PRIOR TO ITS USE. THE PLACEMENT OF ALL FILL AND BACKFILL SHOULD BE MONITORED BY A QUALIFIED ENGINEERING TECHNICIAN TO ENSURE THAT THE SPECIFIED MATERIAL AND LIFT THICKNESSES ARE PROPERLY INSTALLED. A SUFFICIENT NUMBER OF IN-PLACE DENSITY TESTS SHOULD BE PERFORMED TO ENSURE THAT THE SPECIFIED COMPACTION IS ACHIEVED THROUGHOUT THE HEIGHT OF THE FILL OR BACKFILL.

PRECAST BLOCK RETAINING WALL NOTES

LEVELING PAD:

1. A GRANULAR LEVELING PAD SHALL BE CONSTRUCTED BENEATH THE FIRST COURSE OF WALL UNITS AT THE LOCATION SHOWN IN THE CONTRACT DOCUMENTS AND IN ACCORDANCE WITH THE BLOCK WALL MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND SPECIFICATIONS. THE LEVELING PAD SHALL BE PROPERLY INSTALLED TO ASSURE A LEVEL FIRST COURSE OF WALL UNITS.
2. GRADE AND LEVEL THE AREA ON WHICH THE LEVELING PAD AND WALL UNITS WILL REST. COMPACT THE AREA IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
3. PLACE THE LEVELING PAD MATERIAL TO ENSURE COMPLETE CONTACT OF THE FIRST COURSE OF WALL UNITS.
4. STEP THE LEVELING PAD TO CONFORM TO GRADE CHANGES.
5. THE USE OF SHIMS WILL NOT BE ALLOWED TO CORRECT FOR IMPROPER OR INCORRECT PLACEMENT OF LEVELING PAD AND/OR POOR CONSTRUCTION PRACTICES. SHIMS WILL BE ALLOWED TO CORRECT FOR MINOR FABRICATION IRREGULARITIES AS DIRECTED BY THE ENGINEER.

GROUNDWATER:

1. GROUNDWATER LEVEL IS BELOW THE FOUNDATIONS OF ALL RETAINING WALLS. CONTRACTOR SHALL NOTIFY ENGINEER IF THE PRESENCE OF GROUNDWATER IS FOUND DURING CONSTRUCTION.
2. SEEPAGE ZONES INTERCEPTING THE EXCAVATION SLOPE OR THE WALL FOUNDATION AREA SHALL BE POSITIVELY DRAINED BY PROVIDING ADDITIONAL UNDERDRAIN AND UNDERDRAIN FILTER MATERIAL AT THE SEEPAGE ZONE, AS DIRECTED BY THE ENGINEER.

UNDERCUTS:

1. A MAXIMUM 2'-0" UNDERCUT MAY BE ORDERED BY THE ENGINEER WHERE NECESSARY TO PROVIDE STABLE BEDDING CONDITIONS.
2. IF UNDERCUTTING IS ORDERED, THE LIFT THICKNESS AND COMPACTION REQUIREMENTS FOR SELECT STRUCTURAL FILL SHALL BE AS DIRECTED BY THE ENGINEER.
3. WHERE UNDERCUTTING BEYOND THE 2'-0" MAXIMUM DEPTH MAY BE NEEDED, THE PROJECT GEOTECHNICAL ENGINEER SHALL BE CONSULTED TO PROVIDE SPECIAL CONSTRUCTION PROCEDURES AND DETAILS WHERE UNSUITABLE MATERIAL EXISTS.

WALL CONSTRUCTION:

1. WALL CONSTRUCTION AT ALL STAGES SHALL BE TRUE TO LINE AND GRADE. ANY DEVIATION FORM LINE AND GRADE WHICH IS EITHER DANGEROUS TO THE STABILITY OR DETRACTS FROM THE APPEARANCE OF THE WALL SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE.
2. TOLERANCES SHALL NOT EXCEED THOSE PROVIDED IN THE SPECIFICATION.

PLACEMENT OF REINFORCING ELEMENTS:

1. REINFORCING ELEMENTS SHALL BE CONTINUOUS THROUGHOUT THEIR EMBEDMENT LENGTHS.
2. REINFORCING ELEMENTS SHALL BE PLACED PERPENDICULAR TO THE FACING UNITS, UNLESS OTHERWISE NOTED ON THE APPROVED SHOP DRAWINGS.
3. FLEXIBLE REINFORCEMENTS SHALL BE PRETENSIONED TO REMOVE ANY SLACK. MAINTAIN THE TENSIONING BY STAKING OR ANCHORING WITH BACKFILL MATERIAL.
4. CONNECT REINFORCING ELEMENTS TO THE FACING UNIT, AS DIRECTED BY THE MANUFACTURER'S RECOMMENDATIONS.
5. OVERLAPPING LAYERS OF REINFORCING ELEMENTS SHALL BE SEPARATED BY A MINIMUM OF 3" THICKNESS OF BACKFILL MATERIAL.

PLACEMENT OF BACKFILL MATERIAL:

1. BACKFILL MATERIAL SHALL BE DUMPED ONTO OR PLACED PARALLEL TO THE REAR AND MIDDLE REINFORCING ELEMENT AND BLADED PERPENDICULAR TO THE REINFORCING ELEMENTS.
2. AT NO TIME SHALL ANY CONSTRUCTION EQUIPMENT BE IN DIRECT CONTACT WITH THE REINFORCING ELEMENTS.
3. BACKFILL LAYERS WITHIN THE REINFORCED SOIL ZONE SHALL BE GRADED AND COMPACTED TO 2" ABOVE THE REQUIRED REINFORCING ELEMENT ELEVATION.
4. AT THE COMPLETION OF EACH DAY'S WORK, THE CONTRACTOR SHALL GRADE THE BACKFILL MATERIAL AWAY FROM THE FACE AND LIGHTLY COMPACT THE SURFACE.

INSTALLATION OF FACING UNITS:

1. FACING UNITS SHALL BE SET AT A SLIGHT BACKWARD BATTER (TOWARD THE REINFORCING FILL) PER THE MANUFACTURER'S DETAILS.
2. WHEN THE THIRD ROW OF PRECAST FACING PANEL UNITS ARE SET, THE BOTTOM ROW OF WOODEN WEDGES (IF PLACED DURING ERECTION TO ASSIST WITH ALIGNMENT) SHALL BE REMOVED. ALL WOODEN WEDGES SHALL BE REMOVED WHEN THE WALL IS COMPLETE.
3. ALL UNITS ABOVE THE FIRST COURSE SHALL INTERLOCK WITH THE LOWER COURSE.
4. SWEEP CLEAN ALL UNITS PRIOR TO PLACING ADDITIONAL LEVELS TO ENSURE DIRECT CONTACT.
5. INSTALLATION SHALL FOLLOW THE MANUFACTURER'S INSTALLATION MANUAL.

CONCRETE RETAINING WALL NOTES

1. THE PROVISIONS OF CHAPTER 19 OF THE INTERNATIONAL BUILDING CODE SHALL GOVERN THE MATERIALS, QUALITY CONTROL, DESIGN, AND CONSTRUCTION OF CONCRETE UNLESS MODIFIED BY MORE STRINGENT REQUIREMENTS IN THE CONTRACT DOCUMENTS.
2. CONTRACTOR SHALL SUBMIT A CONCRETE MIX DESIGN FOR EACH CONCRETE MIX SPECIFIED AND PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR SHALL NOT PLACE ANY CONCRETE PRIOR TO APPROVAL OF THE MIX DESIGN BY THE ENGINEER.
3. DESIGN STRENGTH (f'c)
   RETAINING WALLS = 4,000 PSI
4. REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60 DEFORMED BARS.
5. DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI DETAILING MANUAL ACI SP-66.
6. CONCRETE COVER SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE NOTED WITHIN THE CONTRACT DOCUMENTS:
   CONCRETE CAST AGAINST EARTH = 3"
   CONCRETE EXPOSED TO EARTH OR WEATHER = 2"
   CONCRETE NOT EXPOSED TO EARTH OR WEATHER = 1-1/2"
7. WELDING OF REINFORCING BARS SHALL CONFORM TO ASTM A706 AND AWS D1.4
8. PROVIDE STANDARD 90-DEGREE HOOKS IN BARS WHICH TERMINATE AT WALL OR SLAB INTERSECTIONS THAT PROVIDE LESS THAN SPECIFIED DEVELOPMENT LENGTH. STANDARD HOOKS SHALL BE IN ACCORDANCE WITH ACI 318.
9. MECHANICAL COUPLERS SHALL BE POSITIVE LOCKING TAPERED THREADED COUPLERS DEVELOPING A MINIMUM OF 125% OF THE FULL TENSION SLICE STRENGTH AS SPECIFIED BY ACI.
10. WHERE EPOXY DOWELS ARE TO BE INSTALLED INTO HARDENED CONCRETE, AVOID DRILLING INTO ANY REINFORCING BARS. WHERE DOWEL LOCATIONS REQUIRE ADJUSTMENT, CONTACT ENGINEER FOR APPROVAL.
11. CONCRETE FINISH SHALL CONFORM TO THE REQUIREMENTS OF THE SPECIFICATION AND ANY ADDITIONAL REQUIREMENTS NOTED ON THE CONTRACT DRAWINGS.
12. CONCRETE SURFACE ELEVATIONS REFER TO THE TOP OF THE STRUCTURAL CONCRETE UNLESS OTHERWISE NOTED.
13. PROVIDE ¾" CHAMFER AT ALL EXPOSED CONCRETE CORNERS AND EDGES.
14. COORDINATE ALL EMBEDDED ITEMS AND OPENINGS REQUIRED BY OTHER DISCIPLINES AND INCORPORATE INTO RELEVANT SHOP DRAWINGS FOR APPROVAL BY THE ENGINEER.
15. CONDUITS AND PIPES EMBEDDED IN OR PENETRATING THROUGH CONCRETE SHALL BE SPACED ON CENTER NOT LESS THAN 3 TIMES THEIR OUTSIDE DIMENSION OR 2-1/2 INCHES CLEAR, WHICHEVER IS GREATER. OUTSIDE DIMENSION OF EMBEDDED ITEMS SHALL NOT EXCEED 1/3 THE THICKNESS OF THE CONCRETE MEMBER. WHERE MORE THAN ONE EMBEDDED ELEMENT INTERSECTS, THE MEMBER THICKNESS LIMITATIONS SHALL BE DETERMINED BY THE SUM OF THE OUTER DIMENSIONS OF THE CROSSING ELEMENTS.
16. EMBEDDED CONDUITS AND PIPES SHALL BE LOCATED BETWEEN REINFORCEMENT LAYERS AND A MINIMUM OF 2-1/2 INCHES CLEAR FROM REINFORCING BARS WHICH ARE APPROXIMATELY PARALLEL WITH THE EMBEDDED ELEMENT. REQUIREMENTS FOR EMBEDDED ELEMENTS SHALL MATCH THE REQUIREMENTS FOR CROSSING EMBEDDED ELEMENTS.
17. LOCATE CONCRETE CONSTRUCTION JOINTS AS SHOWN ON THE CONTRACT DRAWINGS. WHERE NOT SHOWN, CONSTRUCTION JOINTS SHALL BE SPACED NO MORE THAN 40' ON CENTER AND SHALL INTERSECT AT RIGHT ANGLES. WHERE THEY DEVIATE FROM THE CONTRACT DRAWINGS, CONTRACTOR SHALL SUBMIT PROPOSED CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL.
18. PROVIDE CONTINUOUS WATERSTOPS AT ALL CONCRETE CONSTRUCTION JOINTS AT OR BELOW THE DESIGN FLOOD ELEVATION (DFE) AS INDICATED IN THE CONTRACT DOCUMENTS.

STRUCTURAL (RETAINING WALL) ABBREVIATIONS

ADD'L	ADDITIONAL	JT	JOINT
ALT	ALTERNATE	K	KIPS (1000 LBS)
&	AND	LBS	POUNDS
APPROX	APPROXIMATE	Ld	DEVELOPMENT LENGTH
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	LONG	LONGITUDINAL
AWS	AMERICAN WELDING SOCIETY	MAX	MAXIMUM
@	AT	MECH	MECHANICAL
B/	BOTTOM OF	MFR	MANUFACTURER
BOT	BOTTOM	MIN	MINIMUM
CA/CB	COLUMN ABOVE / COLUMN BELOW	MISC	MISCELLANEOUS
CIP	CAST-IN-PLACE	NO	NUMBER
CL	CENTERLINE	N.T.S.	NOT TO SCALE
COL	COLUMN	O.C.	ON CENTER
CJP	COMPLETE JOINT PENETRATION	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT	%	PERCENT
CONN	CONNECTION	+/-	PLUS OR MINUS
CONC	CONCRETE	R	RADIUS
DEMO	DEMOLISH	PA/PB	POST ABOVE/POST BELOW
DIA	DIAMETER	PC	PILE CAP
DWG	DRAWING	PL	PLATE
EA	EACH	REINF	REINFORCEMENT
EF	EACH FACE	REQ'D	REQUIRED
EOR	ENGINEER OF RECORD	SIM	SIMILAR
EQ	EQUAL	SOG	SLAB-ON-GRADE
EXIST	EXISTING	SS	STAINLESS STEEL
EXP	EXPANSION	STD	STANDARD
FDN	FOUNDATION	STL	STEEL
FT	FOOT	STIFF	STIFFENER
GALV	GALVANIZED	T/	TOP OF
HA/HB	HANGER ABOVE / HANGER BELOW	THK	THICK
HORIZ	HORIZONTAL	TYP	TYPICAL
HS	HIGH STRENGTH	UNO	UNLESS NOTED OTHERWISE
HSS	HOLLOW STRUCTURAL SECTIONS	VERT	VERTICAL
IN	INCH	V.I.F.	VERIFY IN FIELD
INFO	INFORMATION	WWF	WELDED WIRE FABRIC

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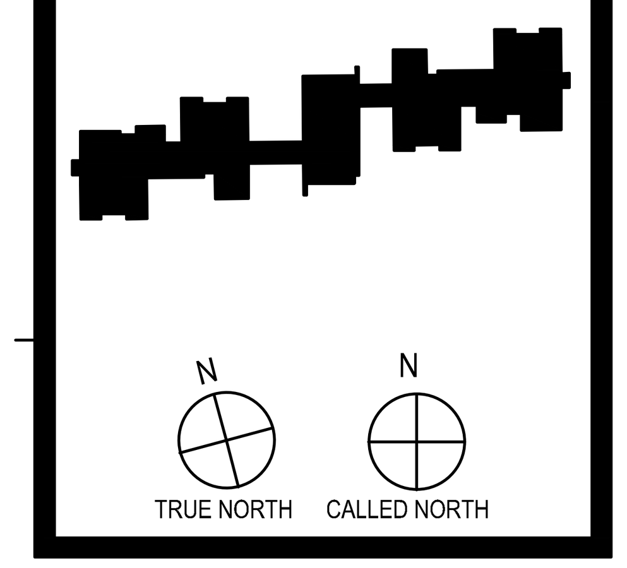

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STRUCTURAL RETAINING WALL NOTES

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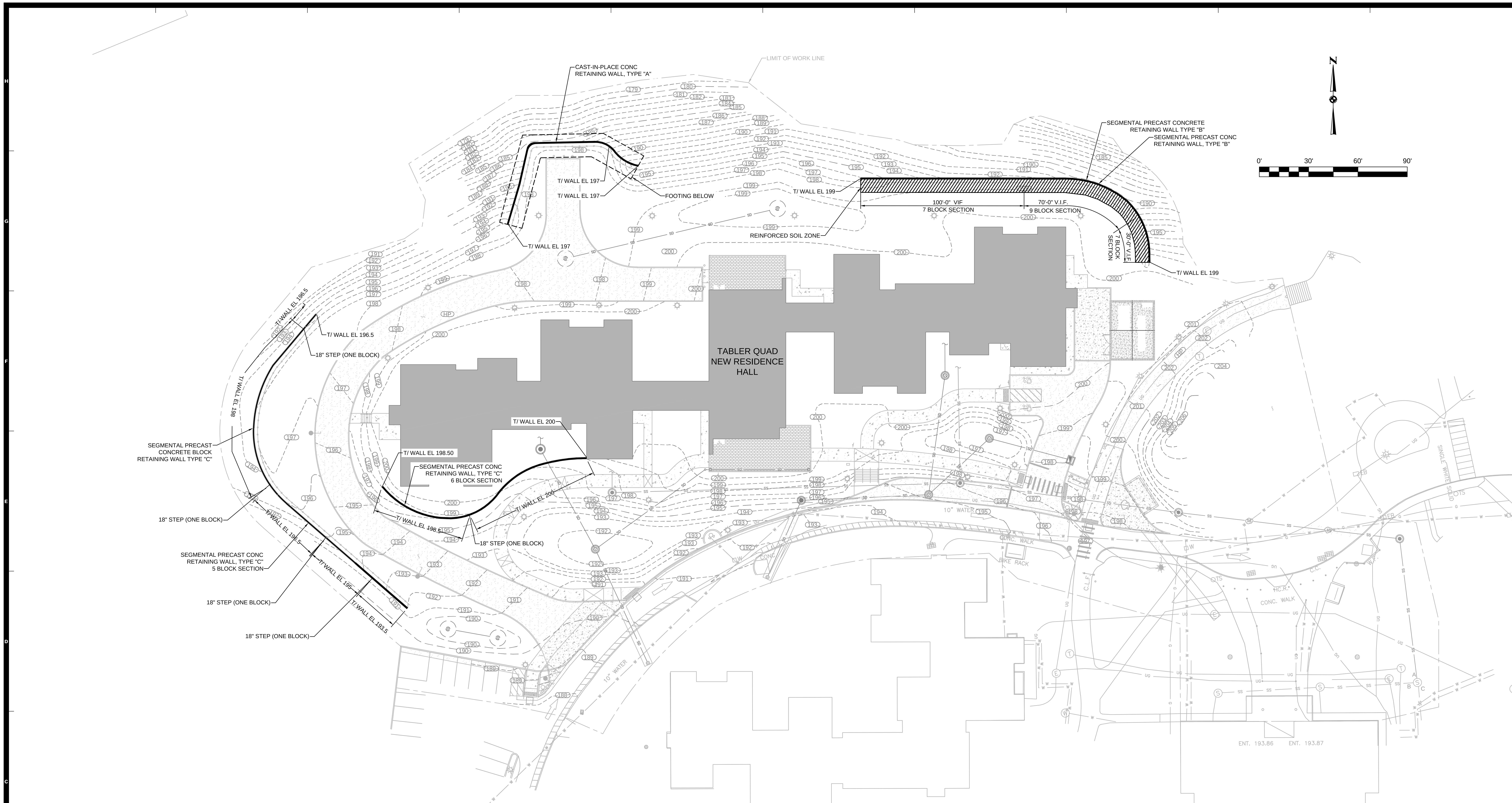

RETAINING WALL PLAN 1

1" = 30'-0"

NOTES:

1. GRADING SHOWN FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR ADD'L INFO.
2. REFERENCE CIVIL SITE PLAN FOR LOCATION AND EXTENT OF RETAINING WALLS.

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518-729-2967

Trophy Point
4588 South Park Avenue, Basdell, NY 14219
716-823-0006

Project Key

N TRUE NORTH
N CALLED NORTH

Revisions

Rev	Description	Date

Client

Stony Brook University

Project Title

TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title

STRUCTURAL RETAINING WALL LOCATION PLAN

Phase

CONSTRUCTION DOCUMENTS

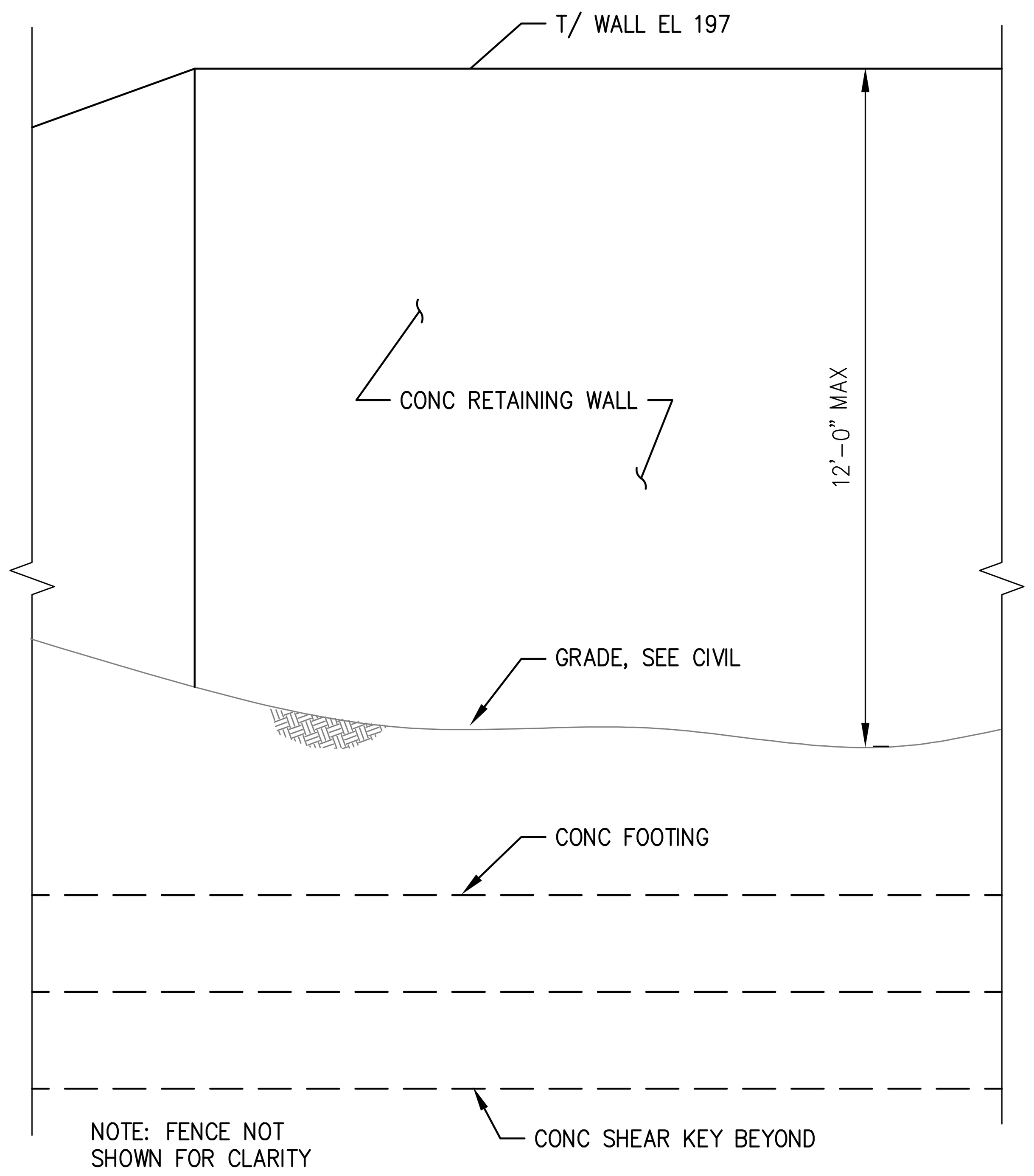
Professional Seal & Signature

STATE OF NEW YORK · GREGORY J. RANFT · 105598 · LICENSED PROFESSIONAL ENGINEER

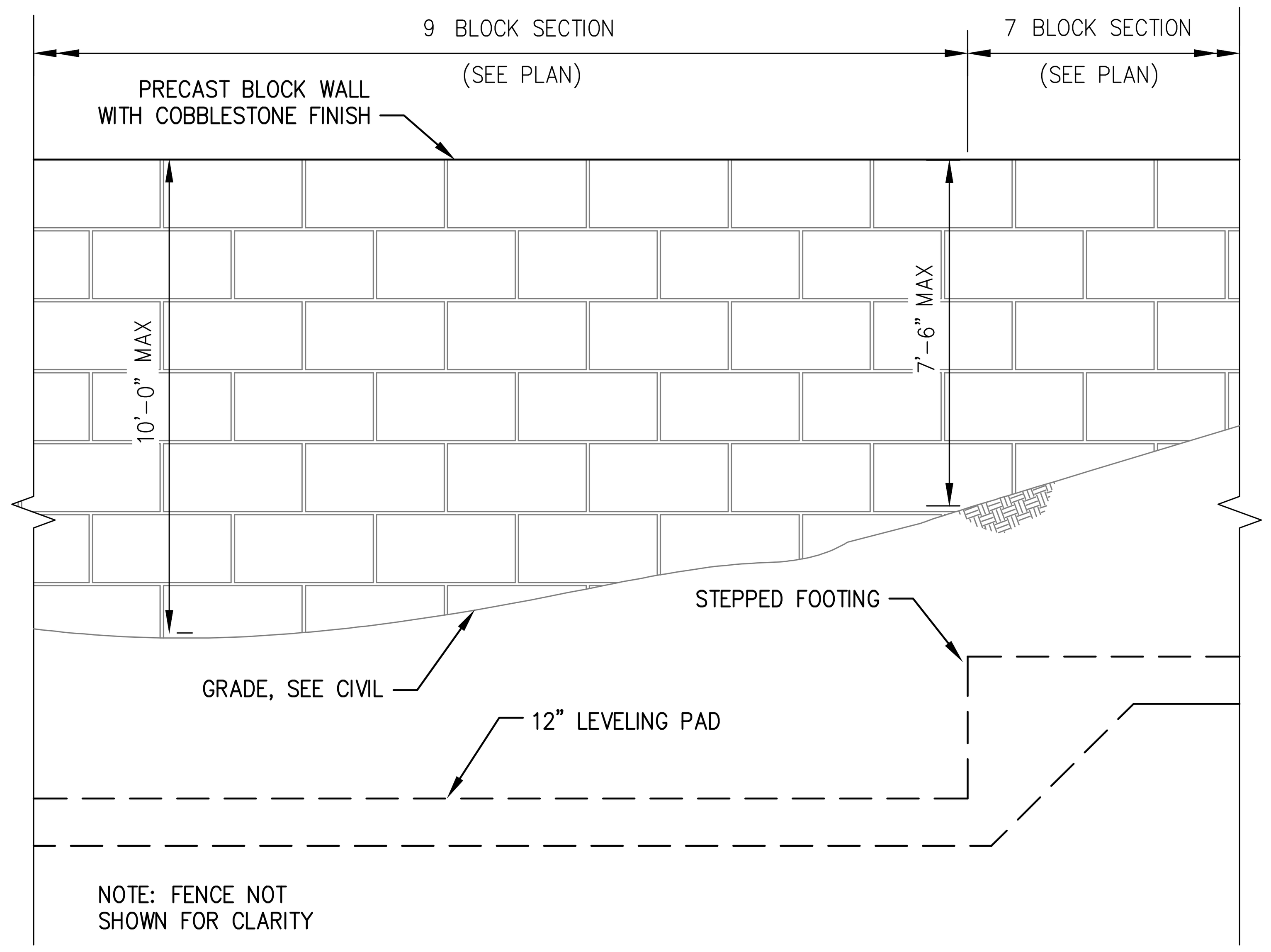
Date	10/29/2024
PAGE Project No	1018037.01
Scale	AS INDICATED
Designed by	AD
Drawn by	JBH
Checked by	GJR

C301

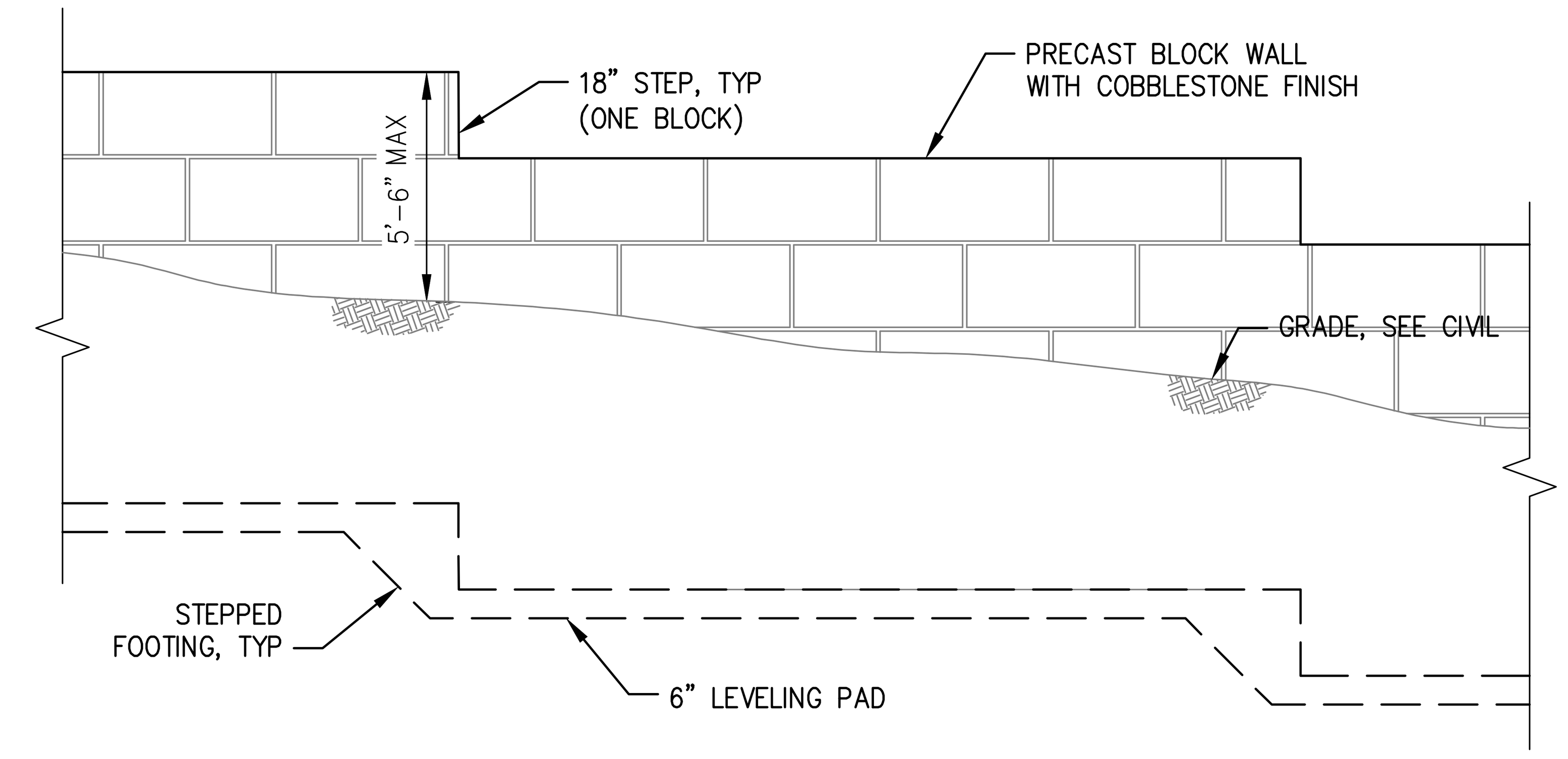
Drawing Number



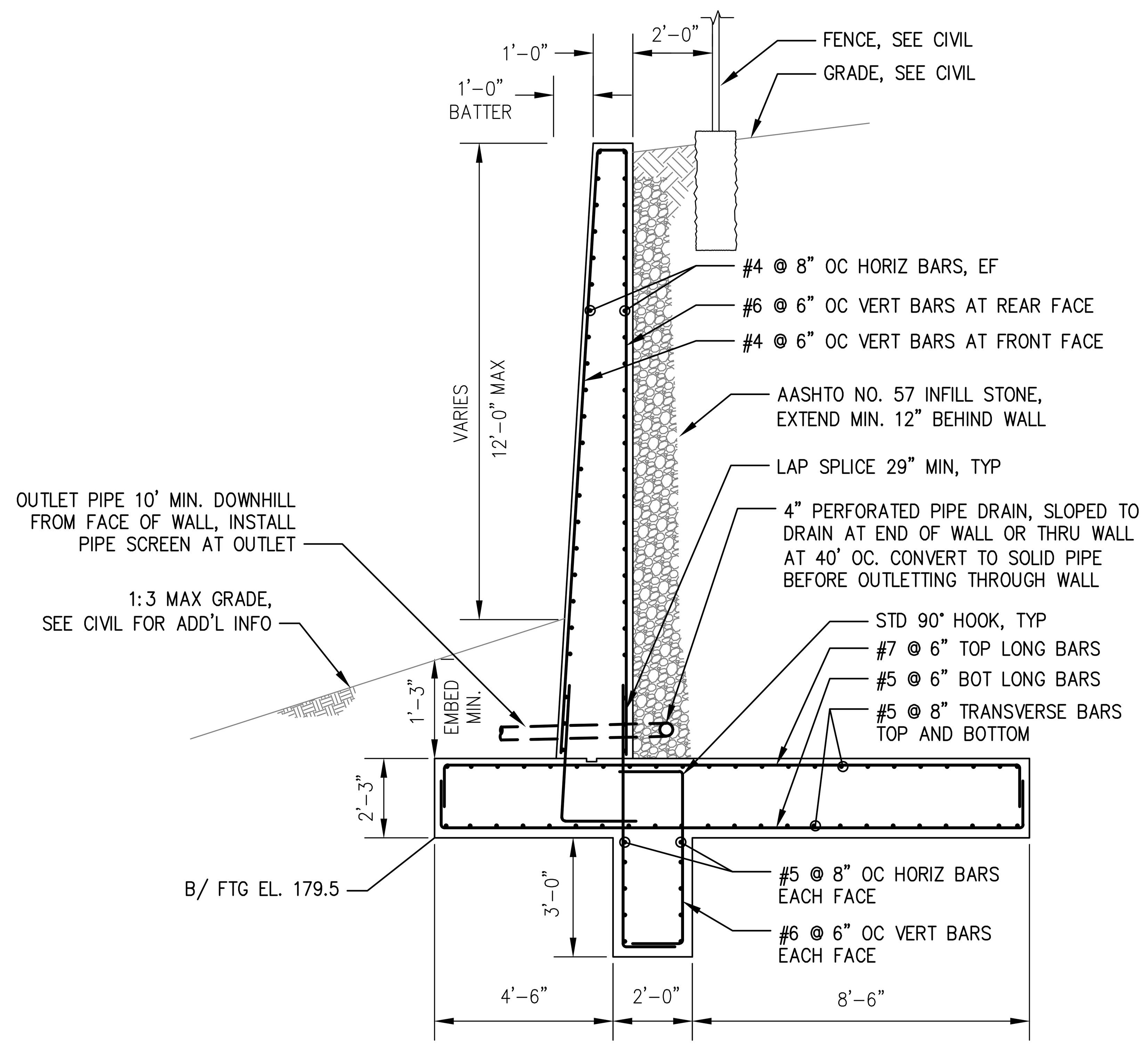
NORTH ELEVATION - RETAINING WALL TYPE "A" 1
SCALE: 3/8" = 1'-0"



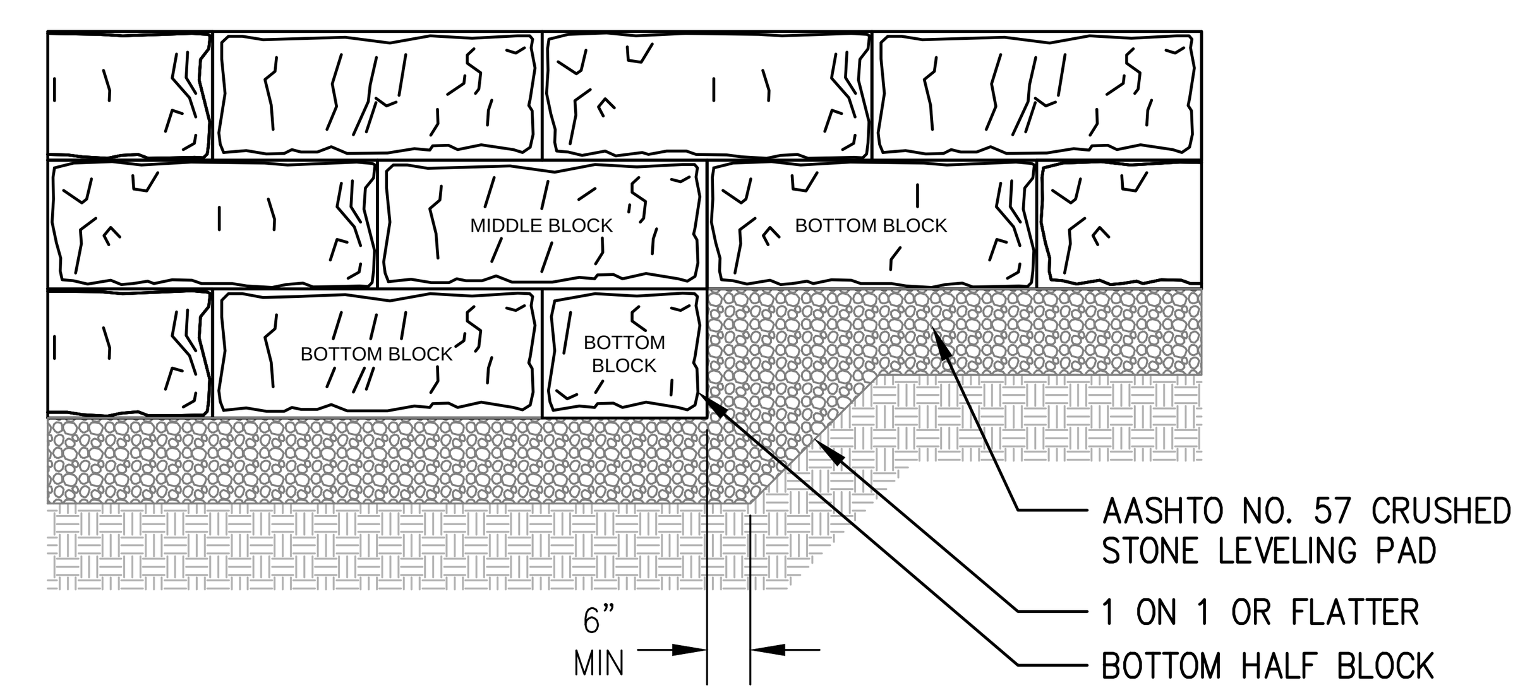
NORTH ELEVATION - RETAINING WALL TYPE "B" 2
SCALE: 3/8" = 1'-0"



WEST ELEVATION - RETAINING WALL - TYPE "C" 3
SCALE: 3/8" = 1'-0"



SECTION - RETAINING WALL TYPE "A" 4
SCALE: 3/8" = 1'-0"



DETAIL - STEPPED FOOTING 5
SCALE: 3/8" = 1'-0"

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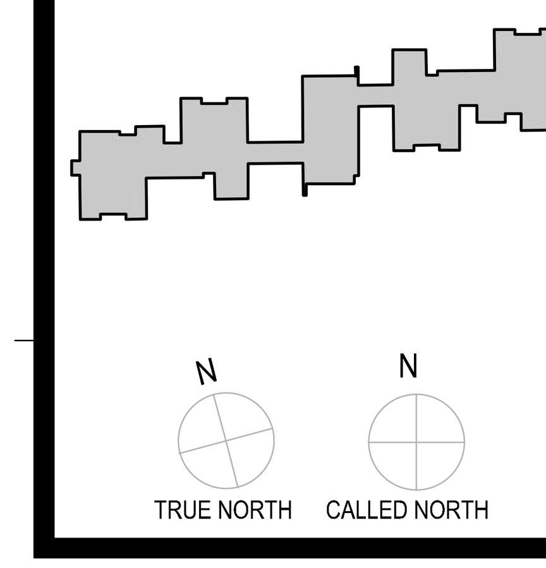
Project Key



Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
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Drawing Title
STRUCTURAL RETAINING WALL DETAILS I

Phase
CONSTRUCTION DOCUMENTS

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Date	10/29/2024
PAGE Project No	1018037.01
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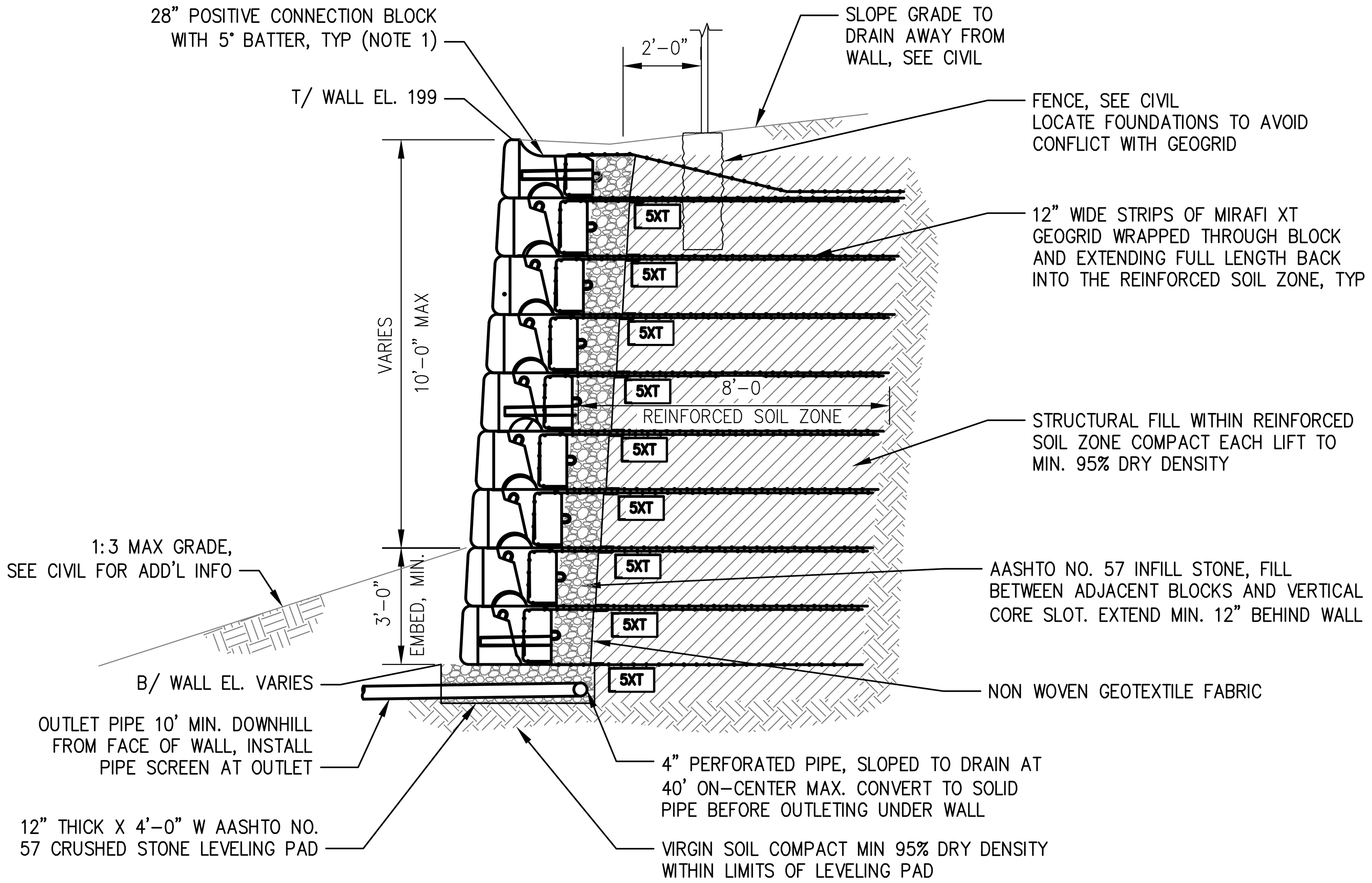
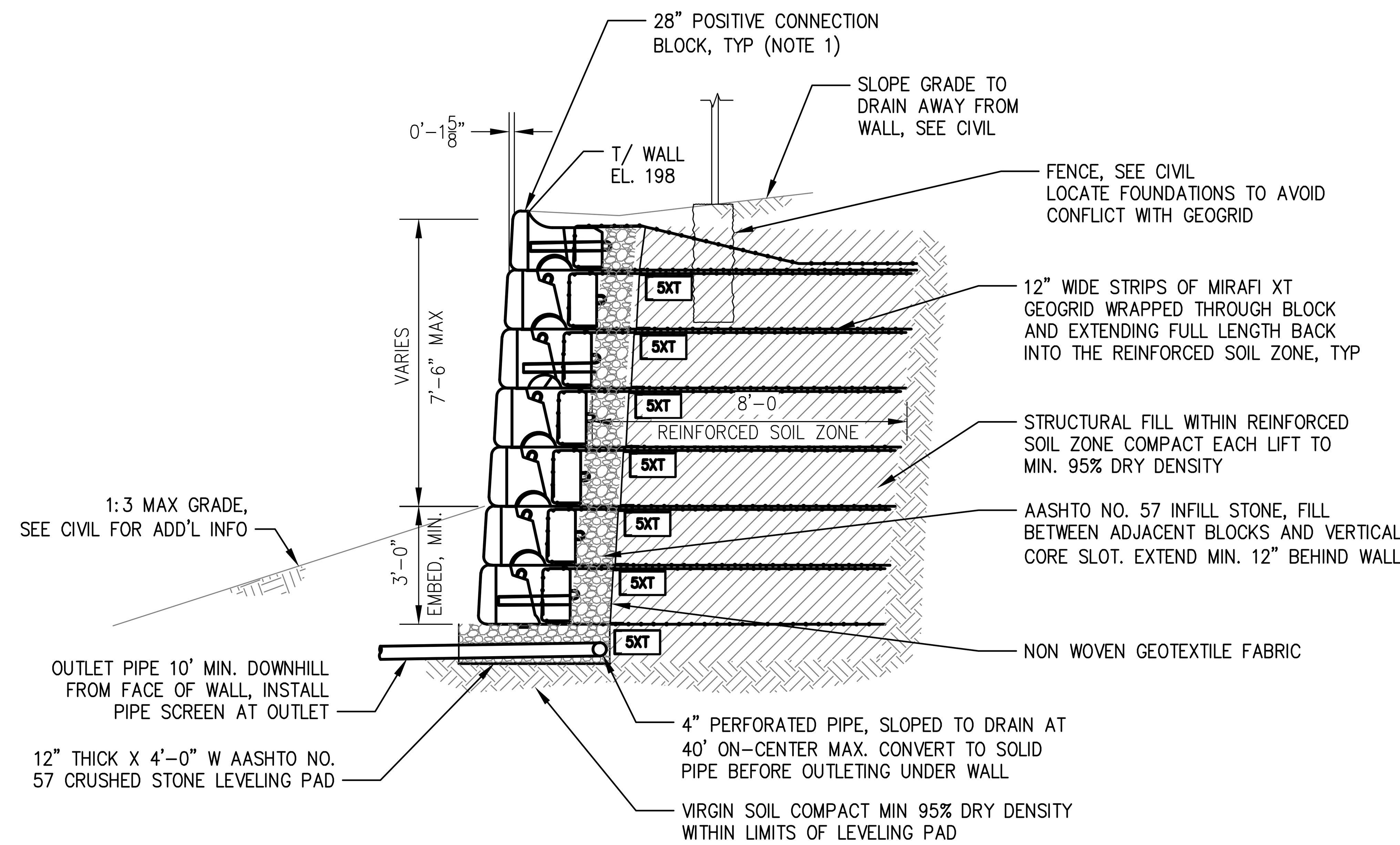
C302
Drawing Number

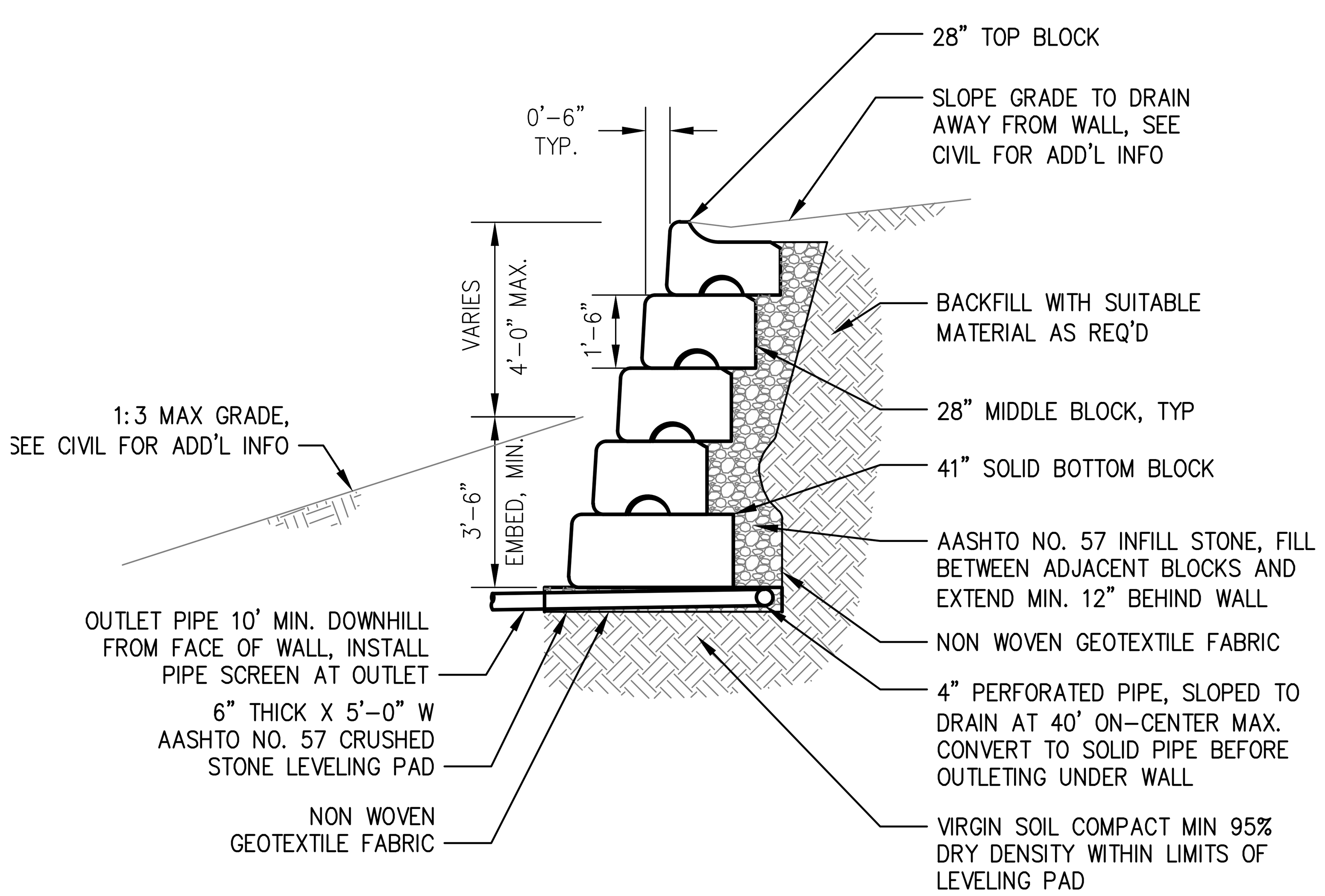
PRECAST BLOCK GENERAL NOTES:
1. PRECAST BLOCKS SHALL BE MANUFACTURED BY REDI-ROCK OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND SPECIFICATIONS. BLOCK FINISH SHALL BE COBBLESTONE.
2. EACH BLOCK COURSE SHALL BE MOVED FORWARD TO ENGAGE SHEAR KNOBS DURING INSTALLATION.



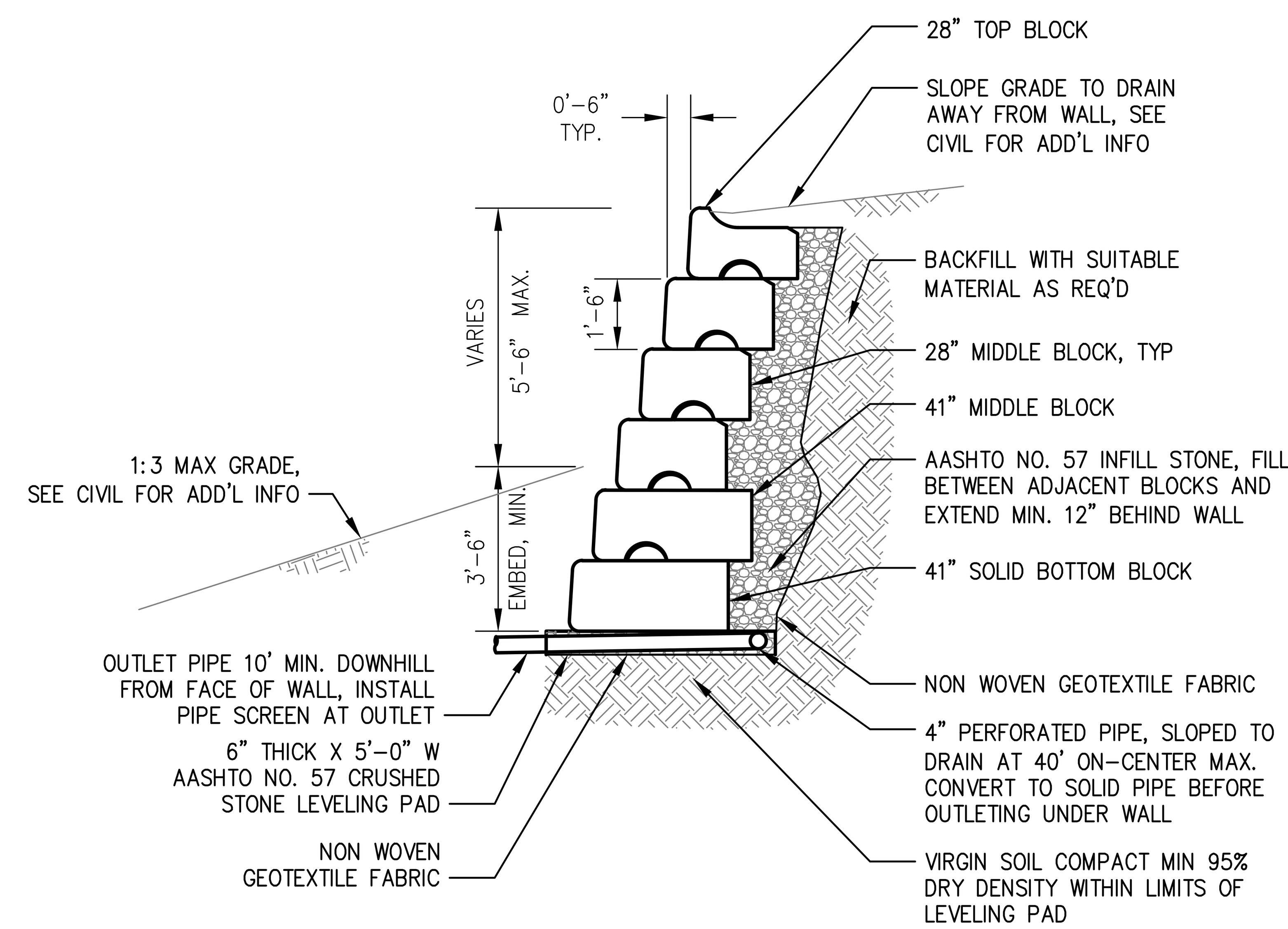
RETAINING WALL - TYPE "B" - 9 BLOCK SECTION 1
SCALE: 3/8" = 1'-0"



RETAINING WALL - TYPE "B" - 7 BLOCK SECTION 2
SCALE: 3/8" = 1'-0"



RETAINING WALL - TYPE "C" - 5 BLOCK SECTION 3
SCALE: 3/8" = 1'-0"



RETAINING WALL - TYPE "C" - 6 BLOCK SECTION 4
SCALE: 3/8" = 1'-0"

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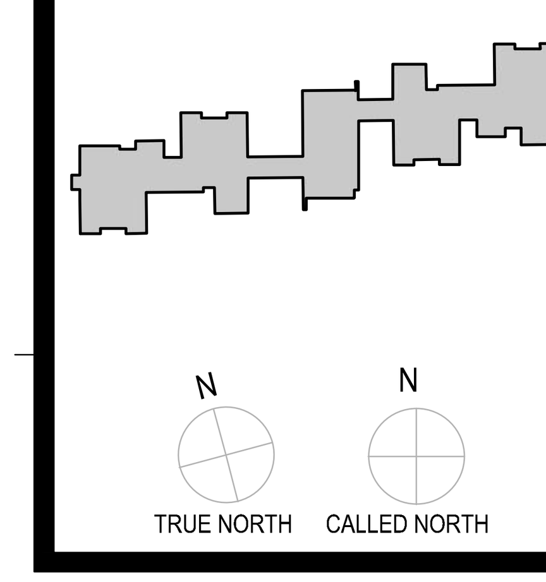

Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
STRUCTURAL RETAINING WALL DETAILS II

Phase
CONSTRUCTION DOCUMENTS

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Date	10/29/2024
PAGE Project No	1018037.01
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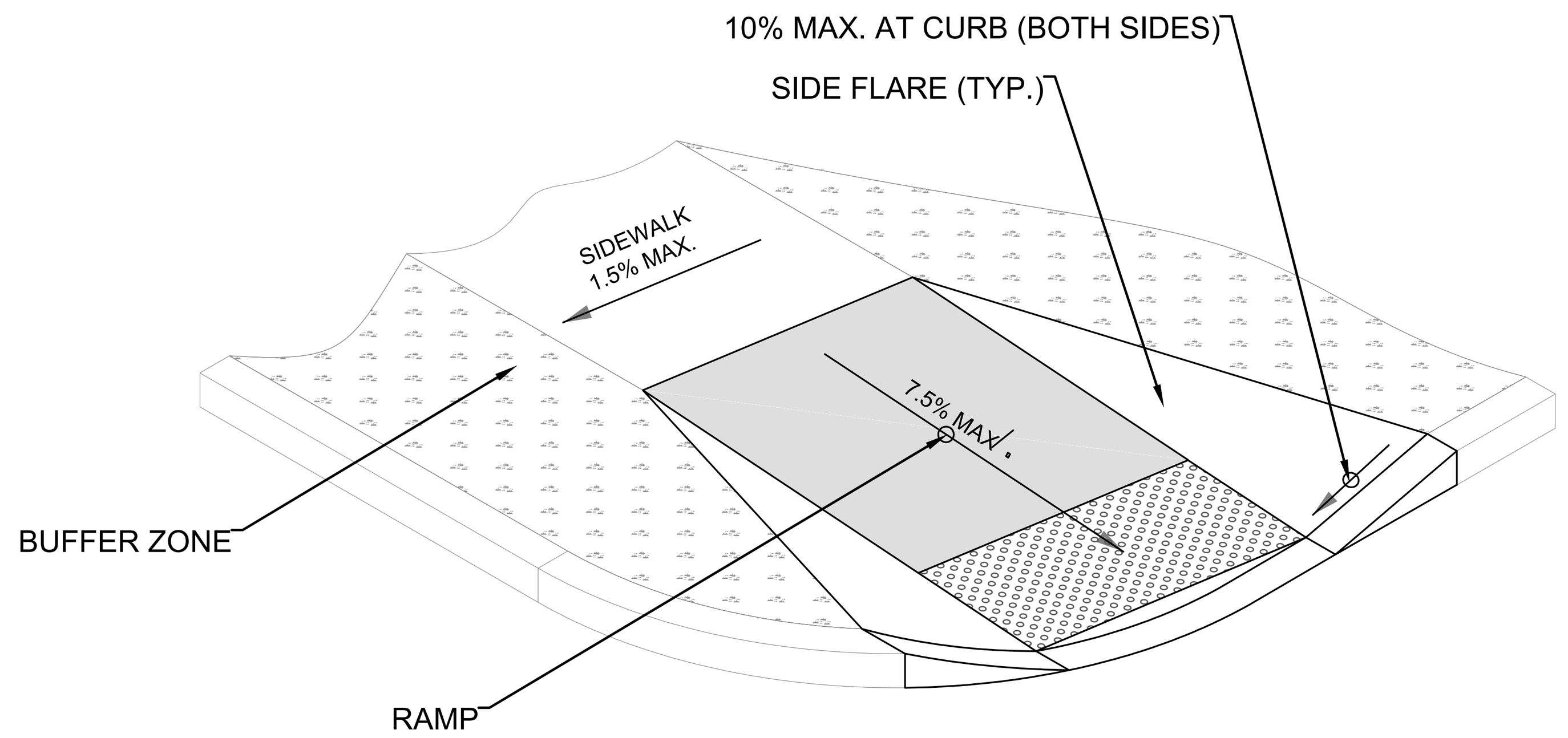
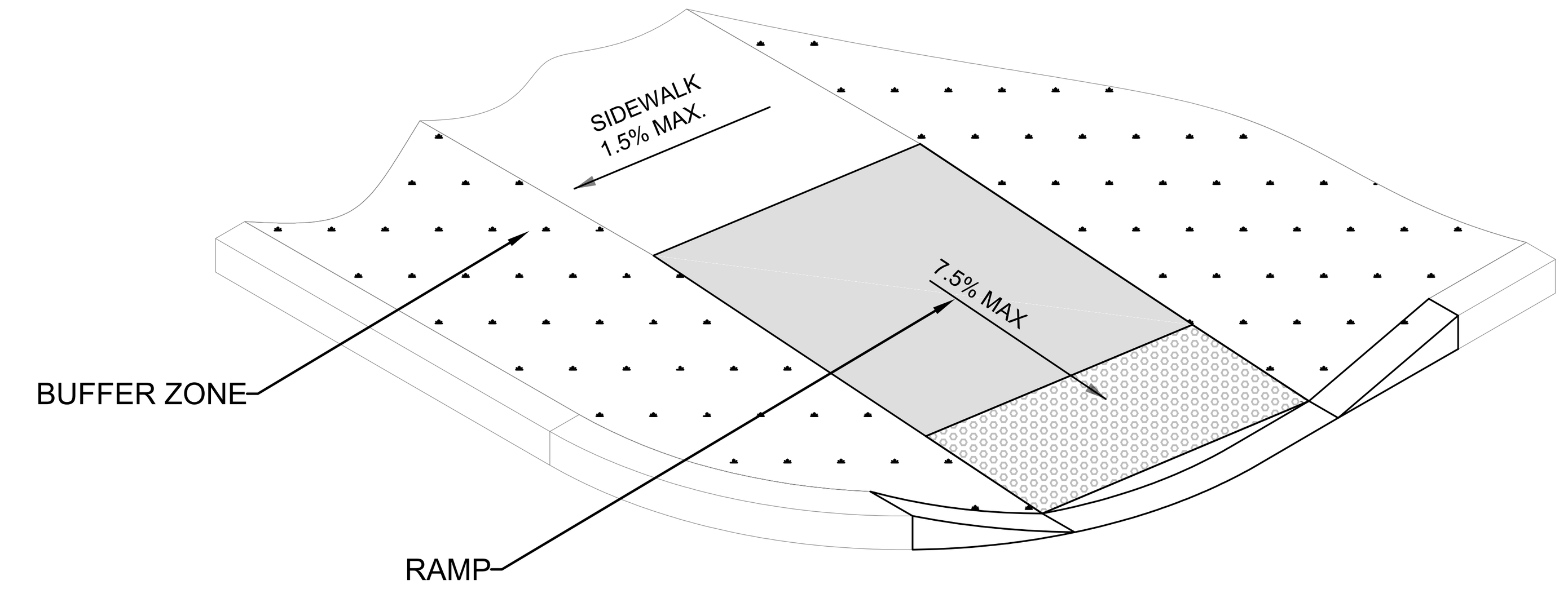
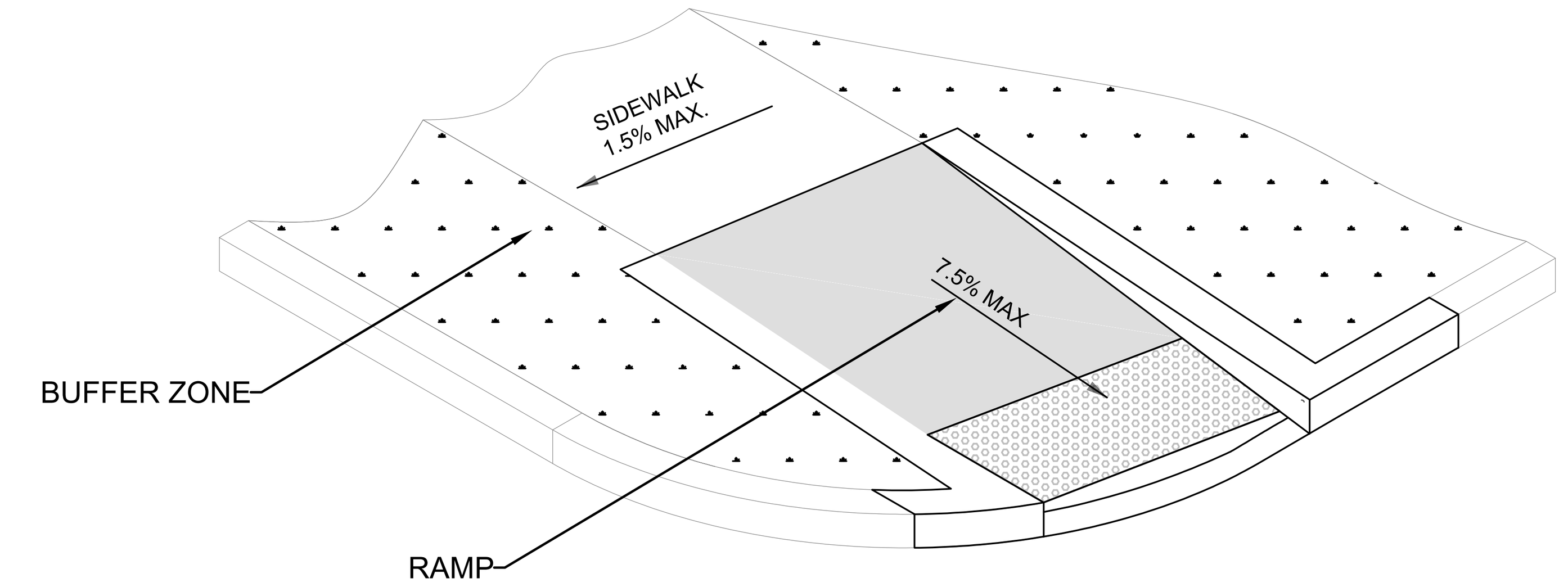
C303
Drawing Number



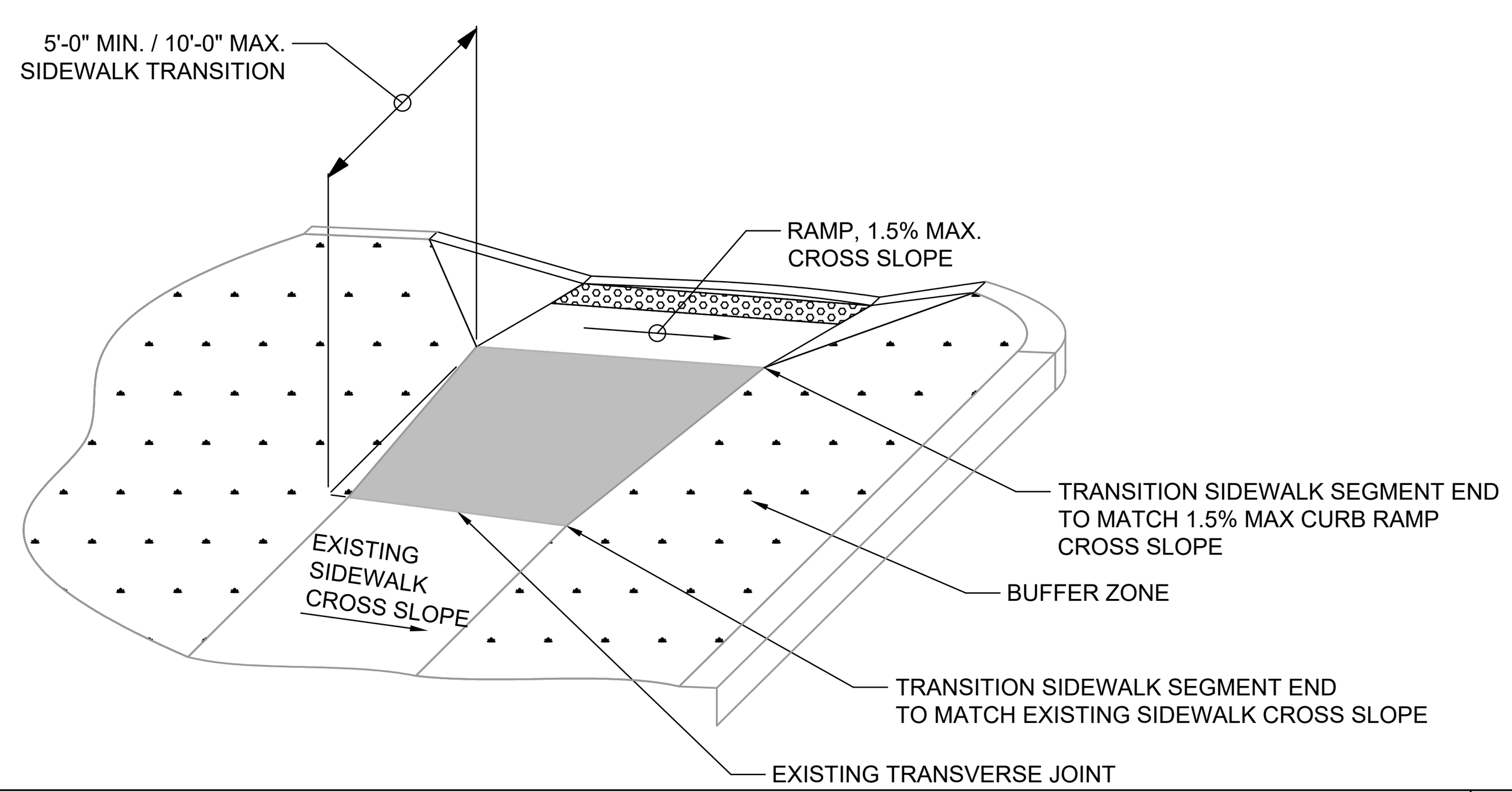
SIDEWALK PEDESTRIAN RAMPS (OPTION A) 1
N.T.S.



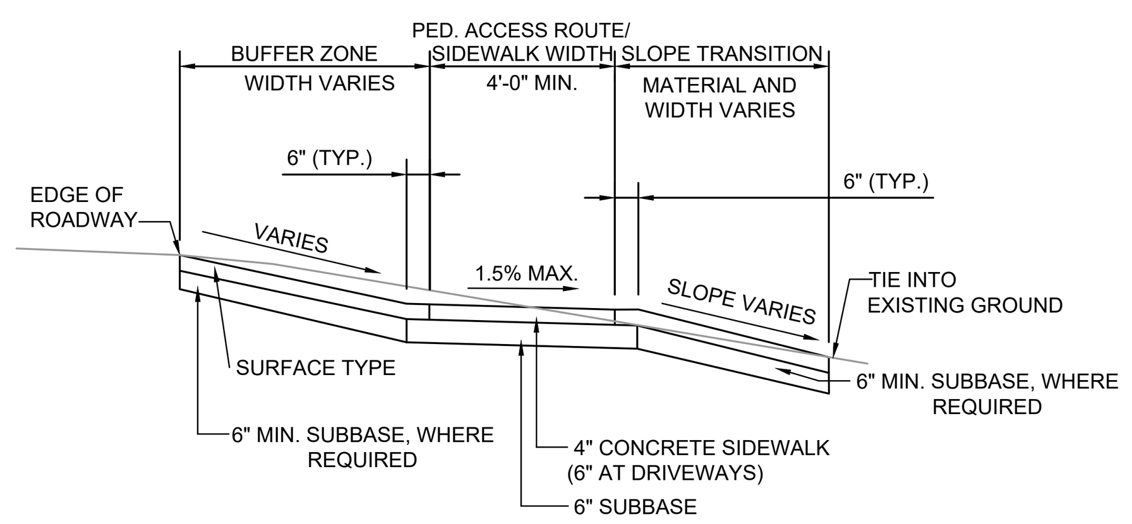
SIDEWALK PEDESTRIAN RAMPS (OPTION B) 2
N.T.S.



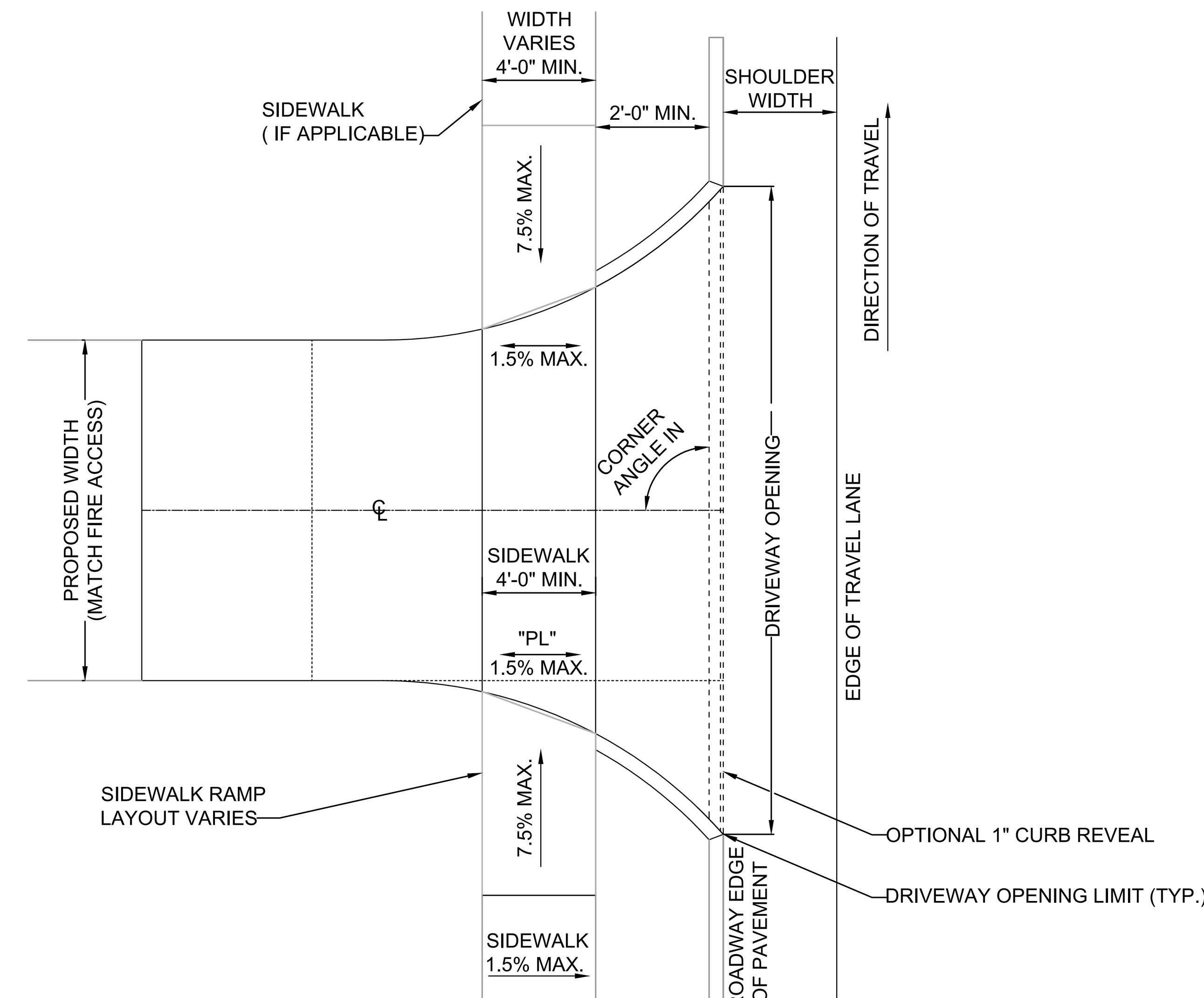
SIDEWALK PEDESTRIAN RAMPS (OPTION C) 3
N.T.S.



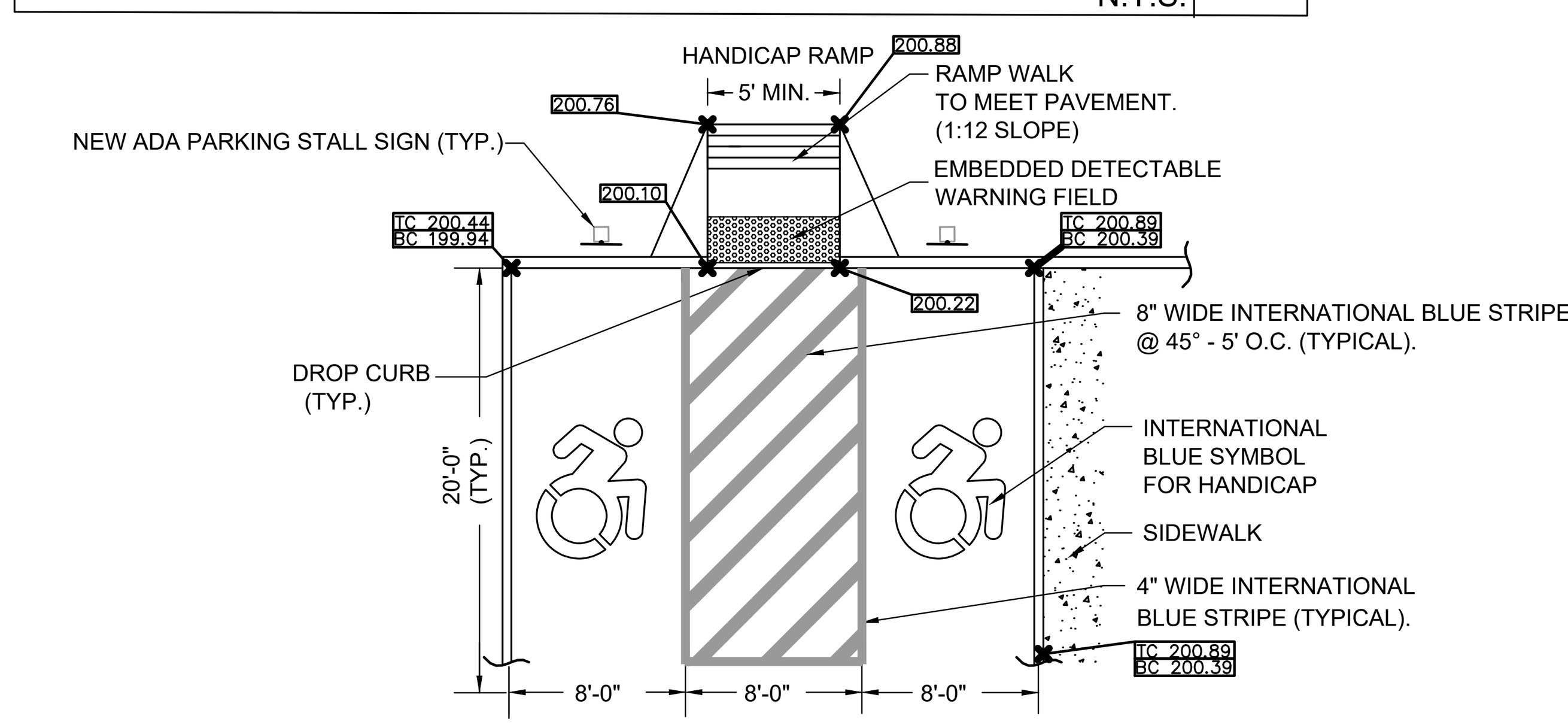
TRANSITION BETWEEN CURB RAMP AND EXISTING SIDEWALK 4
N.T.S.



TYPICAL SIDEWALK CROSS SECTION 5
N.T.S.



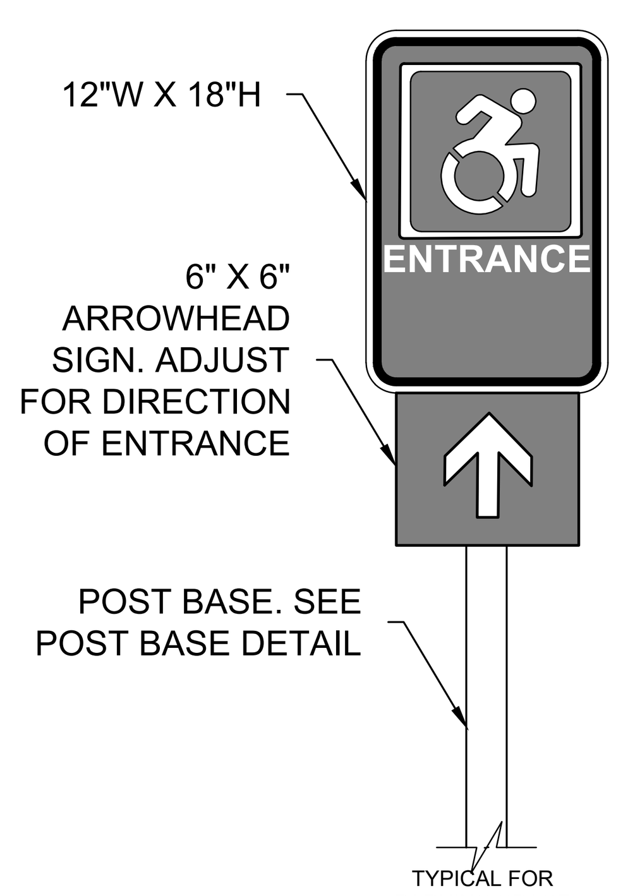
DRIVEWAY APRON DETAIL 6
N.T.S.



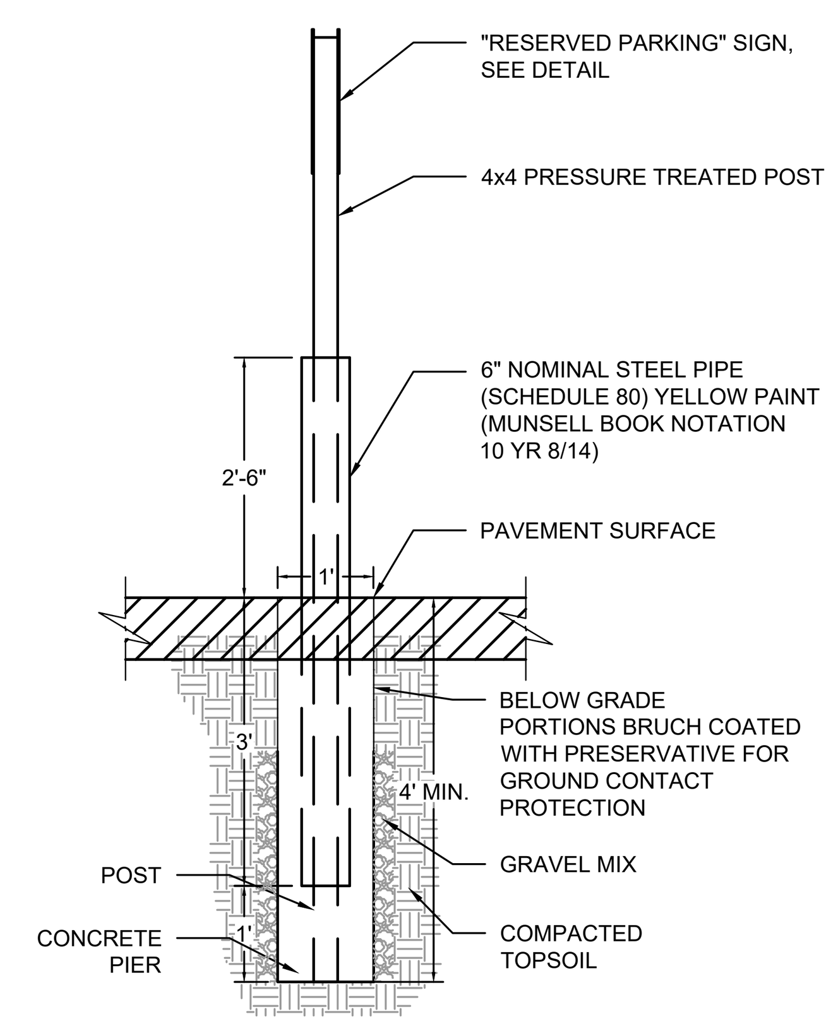
NOTES: HANDICAP PARKING STALLS AND ACCESS RAMP SHALL BE IN FULL COMPLIANCE WITH THE "AMERICANS WITH DISABILITIES ACT" PUBLIC LAW 101-336, EFFECTIVE JAN. 26, 1992.

HANDICAP PARKING RAMP DETAIL 7
N.T.S.

ADA PARKING SIGN 8
N.T.S.



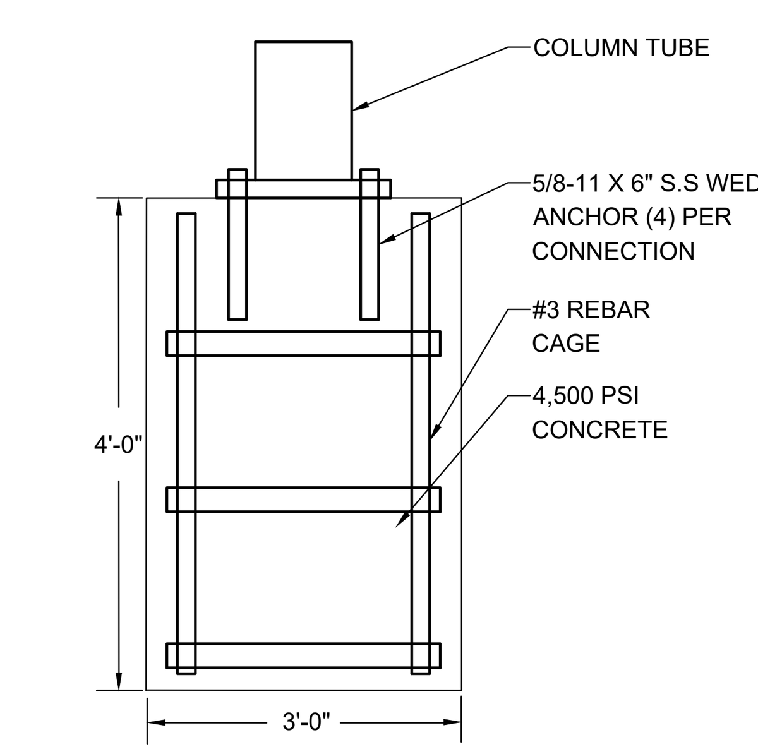
ADA ACCESSIBLE ENTRANCE SIGN 9
N.T.S.



POST BASE DETAIL 10
N.T.S.

NOTES:
1. ALL CROSSWALK MARKINGS SHALL BE WHITE
2. CROSSWALK SHALL HAVE THE LONGITUDINAL LINES PARALLEL TO THE LANE LINES.

CROSSWALK DETAIL 11
N.T.S.



NOTES:
1. REFER TO L503 FOR AXLE BIKE SHELTER DETAIL

BIKE SHELTER FOUNDATION 12
N.T.S.

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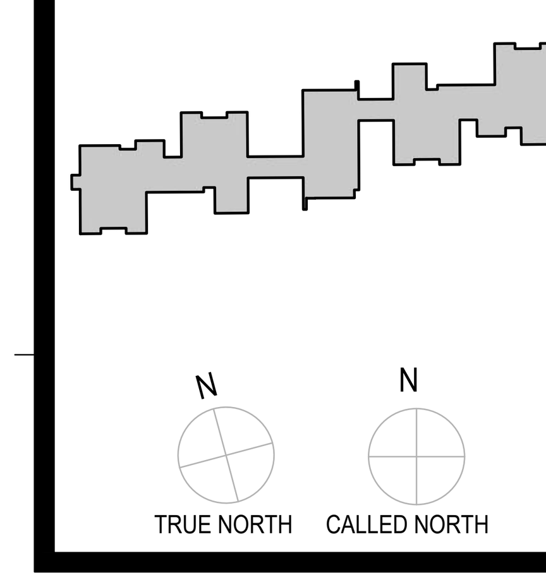

Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
CIVIL DETAILS 1

Phase
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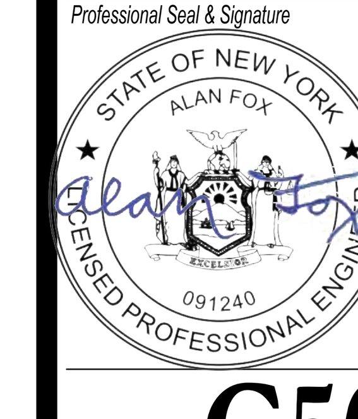

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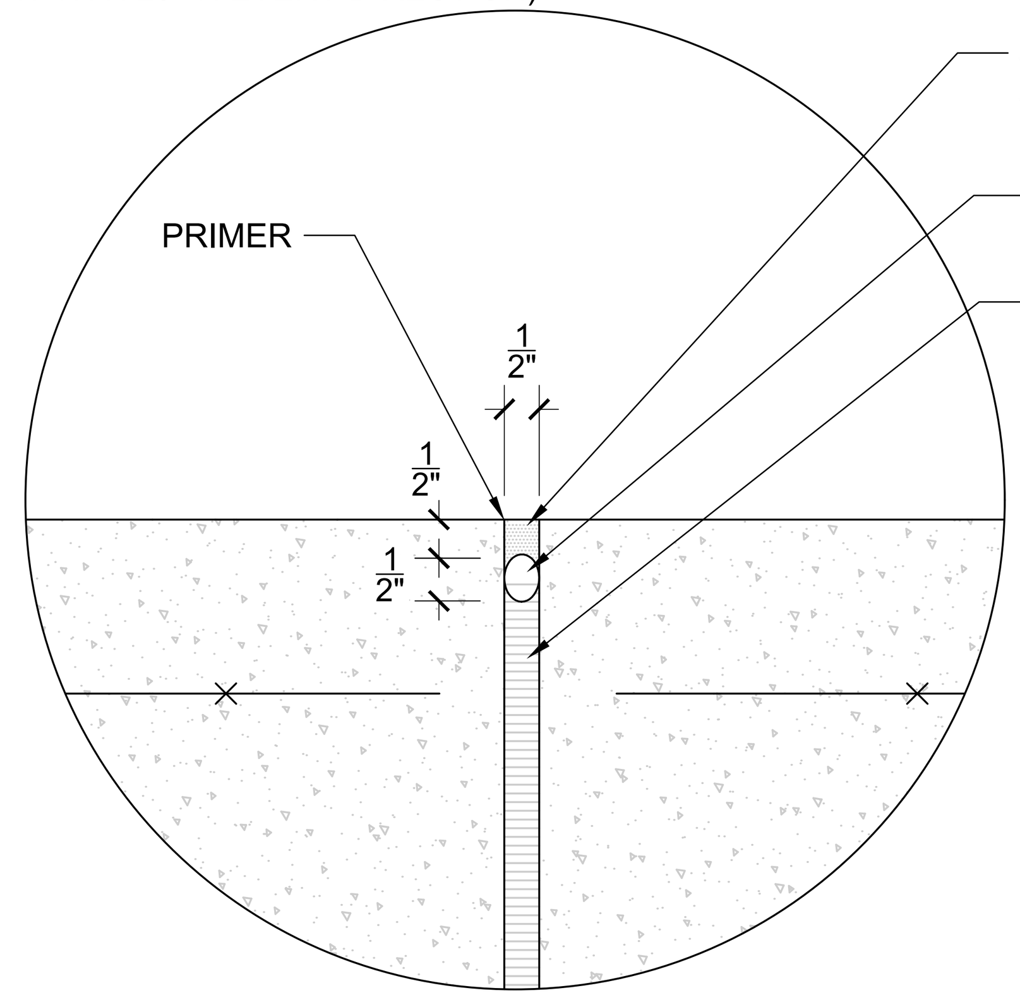
NOTE:

EXPANSION JOINT DETAIL TO BE USED AT CONCRETE SLABS. (JOINT TO BE INSTALLED SO THERE IS AN EXPANSION JOINT WITHIN 20' IN EVERY DIRECTION)



TYPICAL EXPANSION JOINT 1
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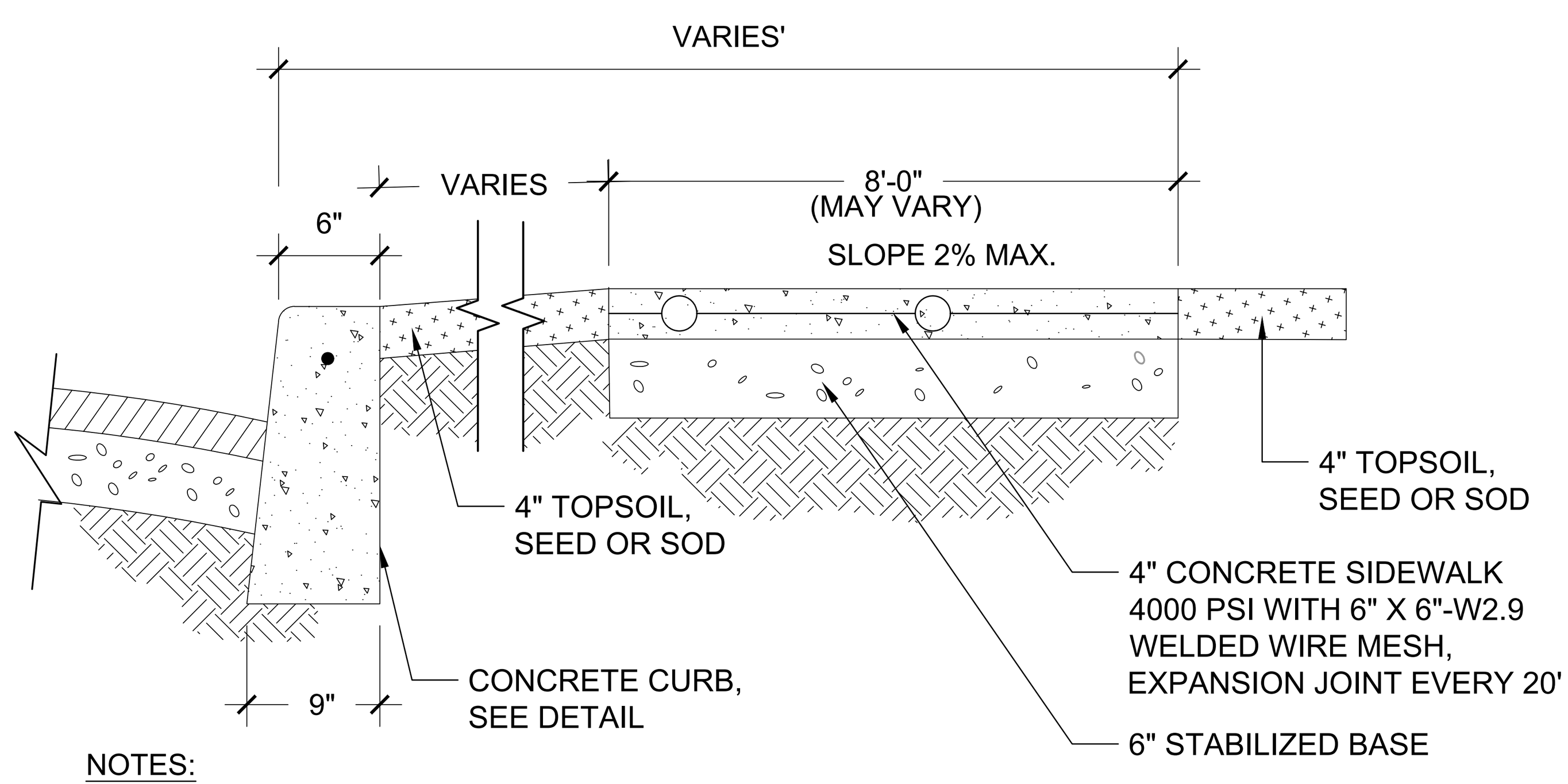
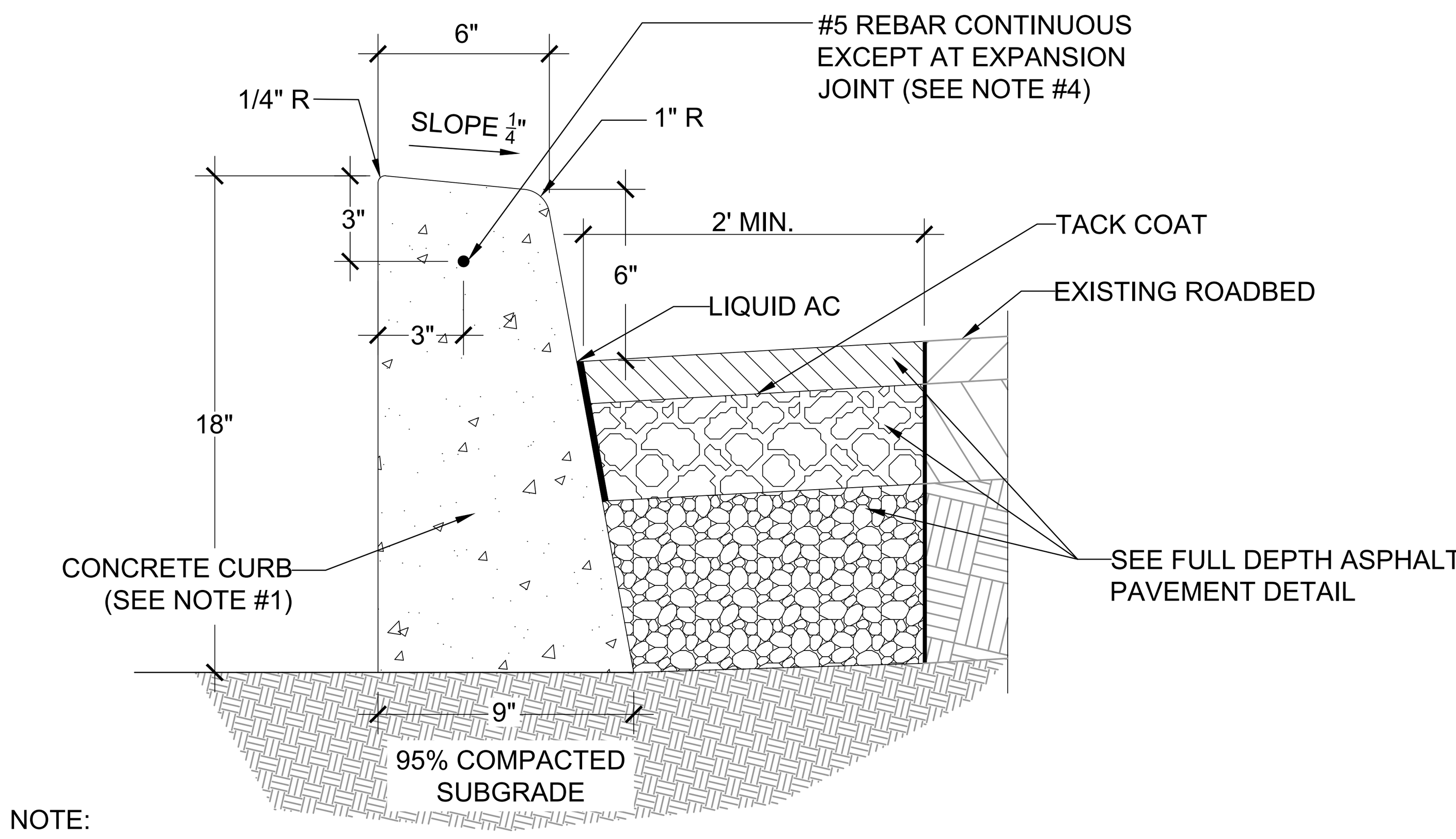


NOTES:

1. CONCRETE SIDEWALK MUST CONFORM TO REQUIREMENTS OF NYSDOT 608-2.01. CONCRETE SHALL BE MONOLITHIC POUR AND HAVE A COMPRESSIVE STRENGTH OF 4000 PSI FOR 28 DAYS.
2. PROVIDE CONCRETE SLUMP AND STRENGTH TESTING FOR EVERY 150 CUBIC FEET OF CONCRETE SIDEWALK INSTALLATION.
3. WHERE SIDEWALKS CROSS DRIVEWAYS OR FOR CURB CUTS, THE CONCRETE SHALL BE SIX INCHES (6") IN DEPTH WITH WIRE, 6" X 6"-W2.9.
4. ALL SIDEWALK AND HANDICAP RAMPS LOCATED ALONG THE ROADWAY SHALL MEET ADA REQUIREMENTS AND MEET THE SPECIFICATIONS AS SHOWN IN NYSDOT STANDARD SHEET 608-01.

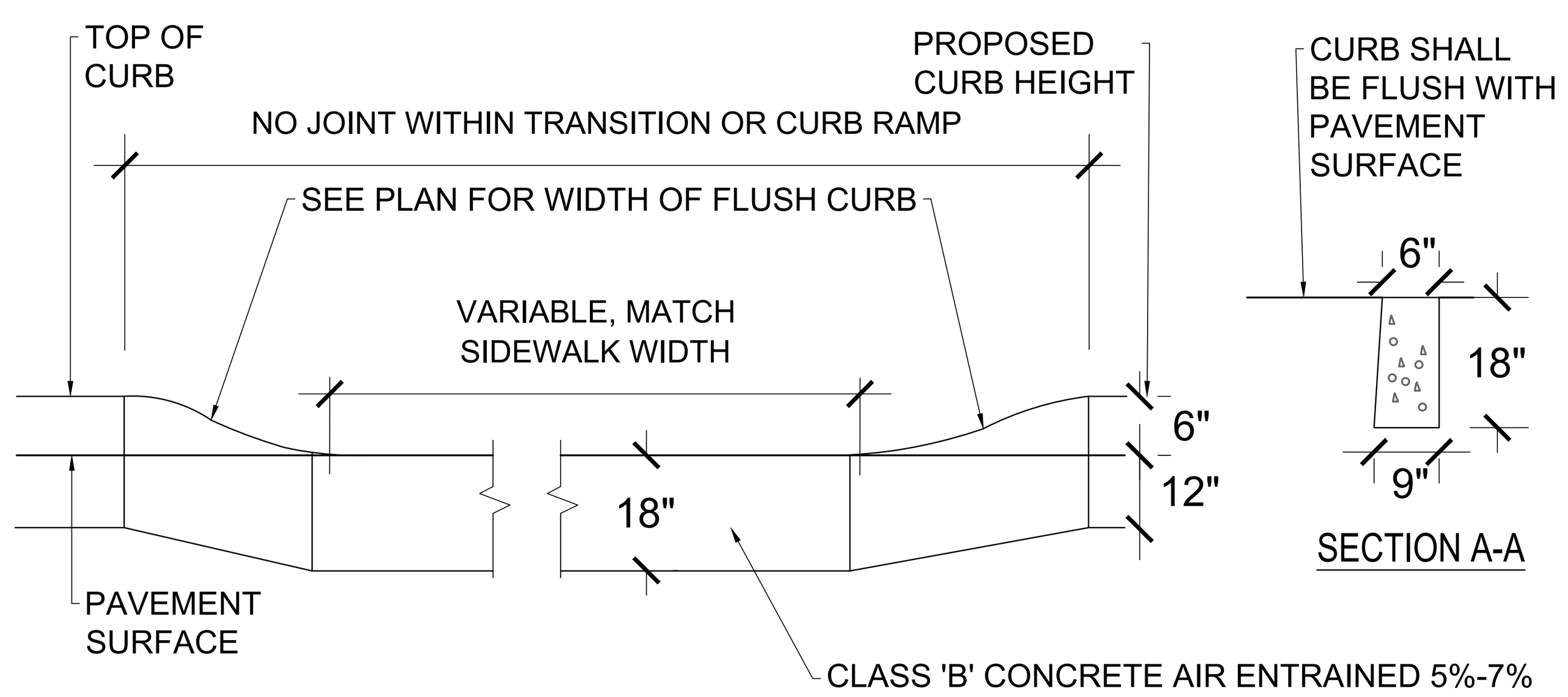
4" CONCRETE SIDEWALK DETAIL 2
N.T.S.



NOTE:

1. CONCRETE CURB MUST CONFORM TO REQUIREMENTS OF NYSDOT 609-2.02. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. (TEST CYLINDERS STRENGTH MAY BE REQUIRED, AS REQUESTED E.I.C.)
2. PROVIDE CONCRETE SLUMP AND STRENGTH TESTING FOR EVERY 150 CUBIC FEET OF CONCRETE CURB INSTALLATION.
3. CONCRETE SHALL BE MONOLITHIC POUR, MUST USE FORMS FRONT AND REAR.
4. CONCRETE TO CURE 14 DAYS MIN., BEFORE ROADWAY PAVING CAN BEGIN.
5. EXPANSION JOINTS TO BE 5' MIN., 20' MAX.
6. REBAR REQUIRED, EXCEPT WHERE NOTED OR DIRECTED BY ENGINEER OR STONY BROOK UNIVERSITY.

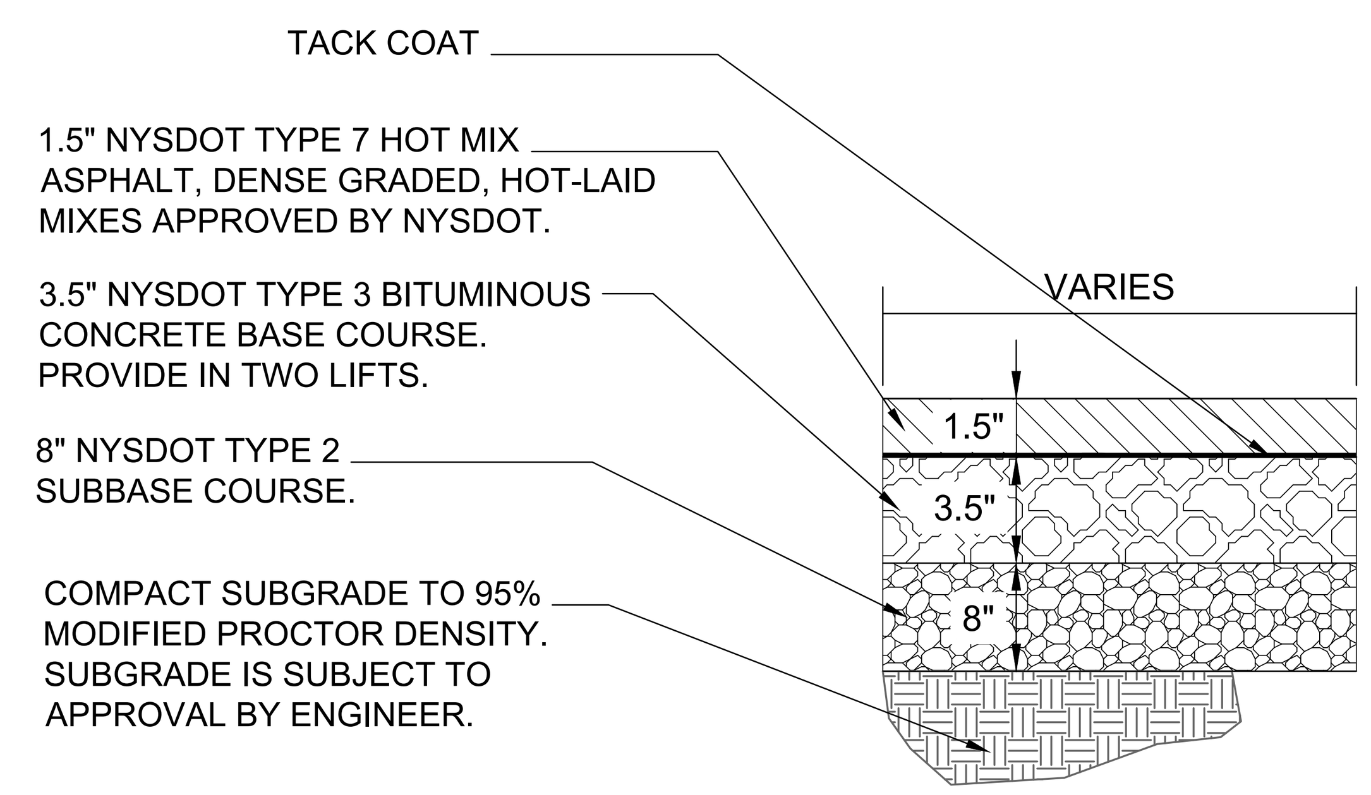
CONCRETE CURB DETAIL 3
N.T.S.



NOTES:

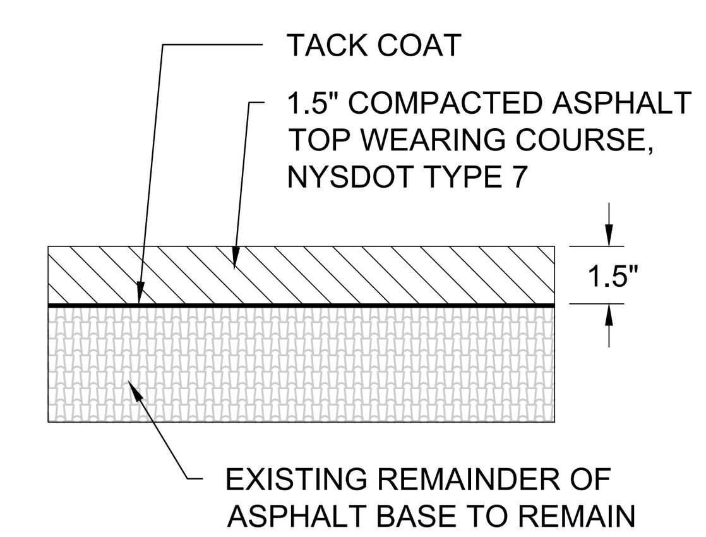
1. FLUSH CURB TO EXTEND FULL WIDTH OF RAMP (SEE PLAN).
2. TRANSITION FROM FLUSH CURB TO FULL HEIGHT CURB TO BE 3' IN LENGTH.

DEPRESSION & TRANSITION CURB 4
N.T.S.

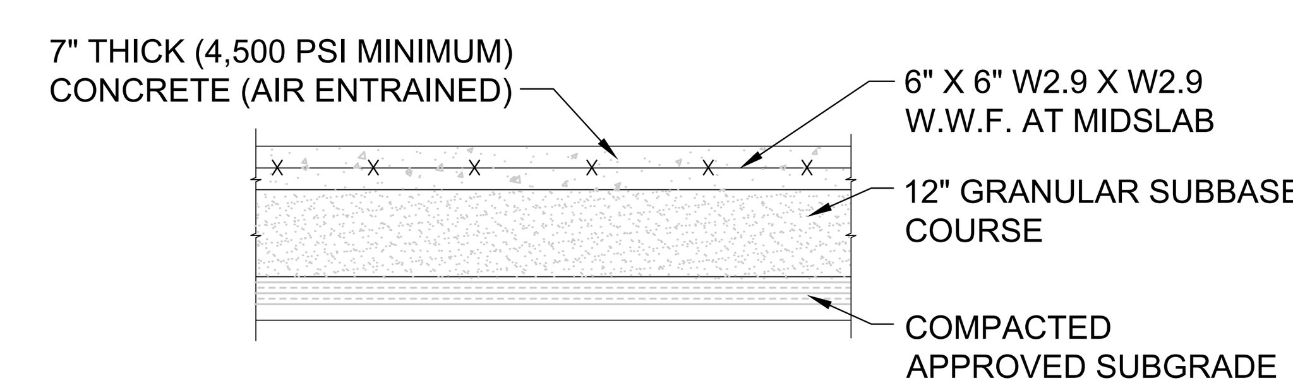


NOTE:
USE OF RECYCLED CONCRETE AND ASPHALT MILLING MAY BE USED AS ROADWAY SUBBASE.

FULL DEPTH ASPHALT PAVEMENT 5
N.T.S.

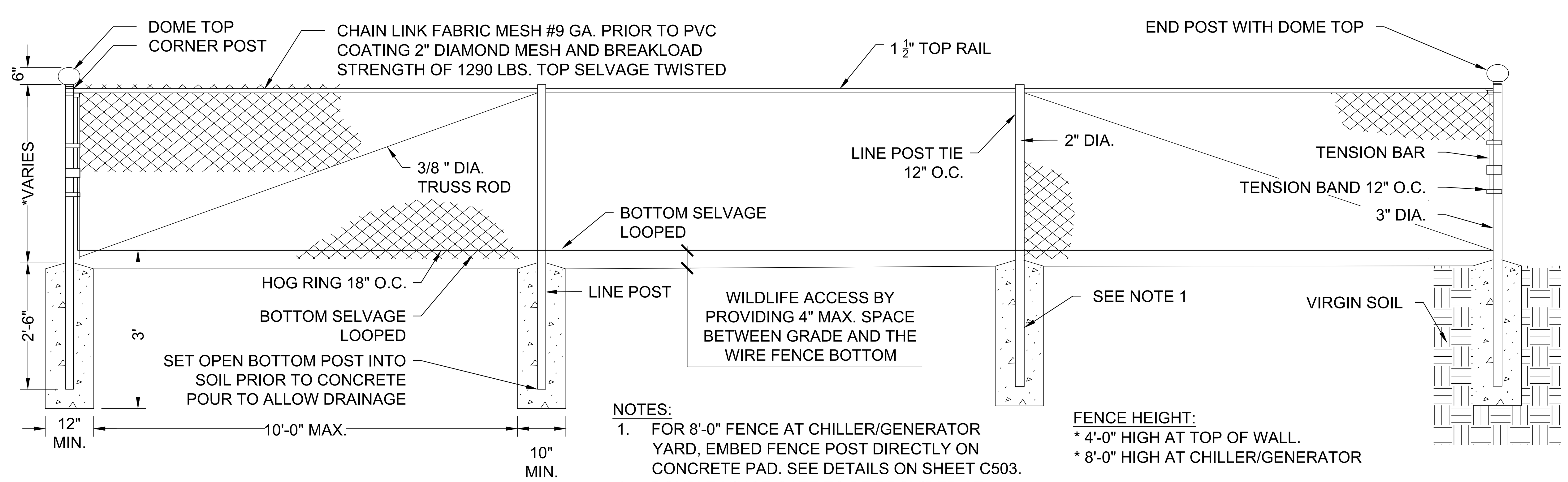


ASPHALT OVERLAY 6
N.T.S.



NOTE:
PROVIDE CONCRETE SLUMP AND STRENGTH TESTING FOR EVERY 150 CUBIC FEET OF CONCRETE PAD AND PAVEMENT INSTALLATION.

7" CONCRETE PAD DETAIL 7
N.T.S.

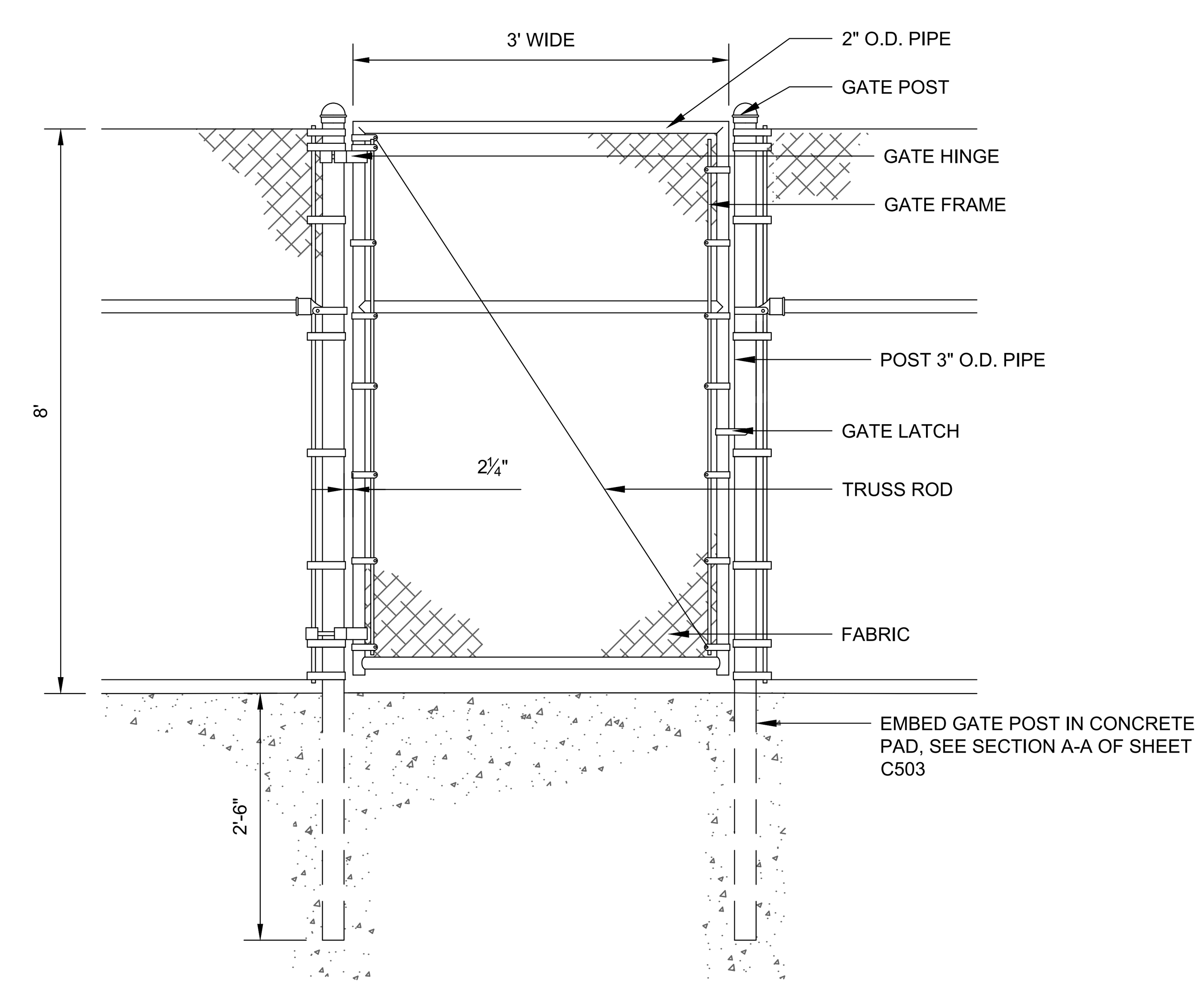


NOTES:

1. FOR 8'-0" FENCE AT CHILLER/GENERATOR YARD, EMBED FENCE POST DIRECTLY ON CONCRETE PAD. SEE DETAILS ON SHEET C503.
2. DOUBLE HINGE GATE TO BE PROVIDED AT CHILLER/GENERATOR YARD.

FENCE HEIGHT:
* 4'-0" HIGH AT TOP OF WALL.
* 8'-0" HIGH AT CHILLER/GENERATOR

CHAIN-LINK FENCE DETAIL 8
N.T.S.



8'-0" CHAIN-LINK GATE 9
N.T.S.

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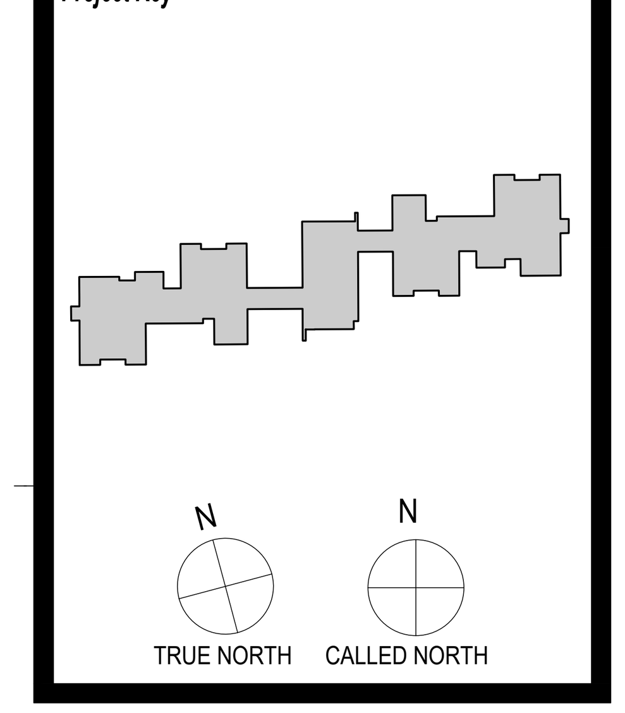

Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
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Drawing Title
CIVIL DETAILS 2

Phase
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Date	10/29/2024
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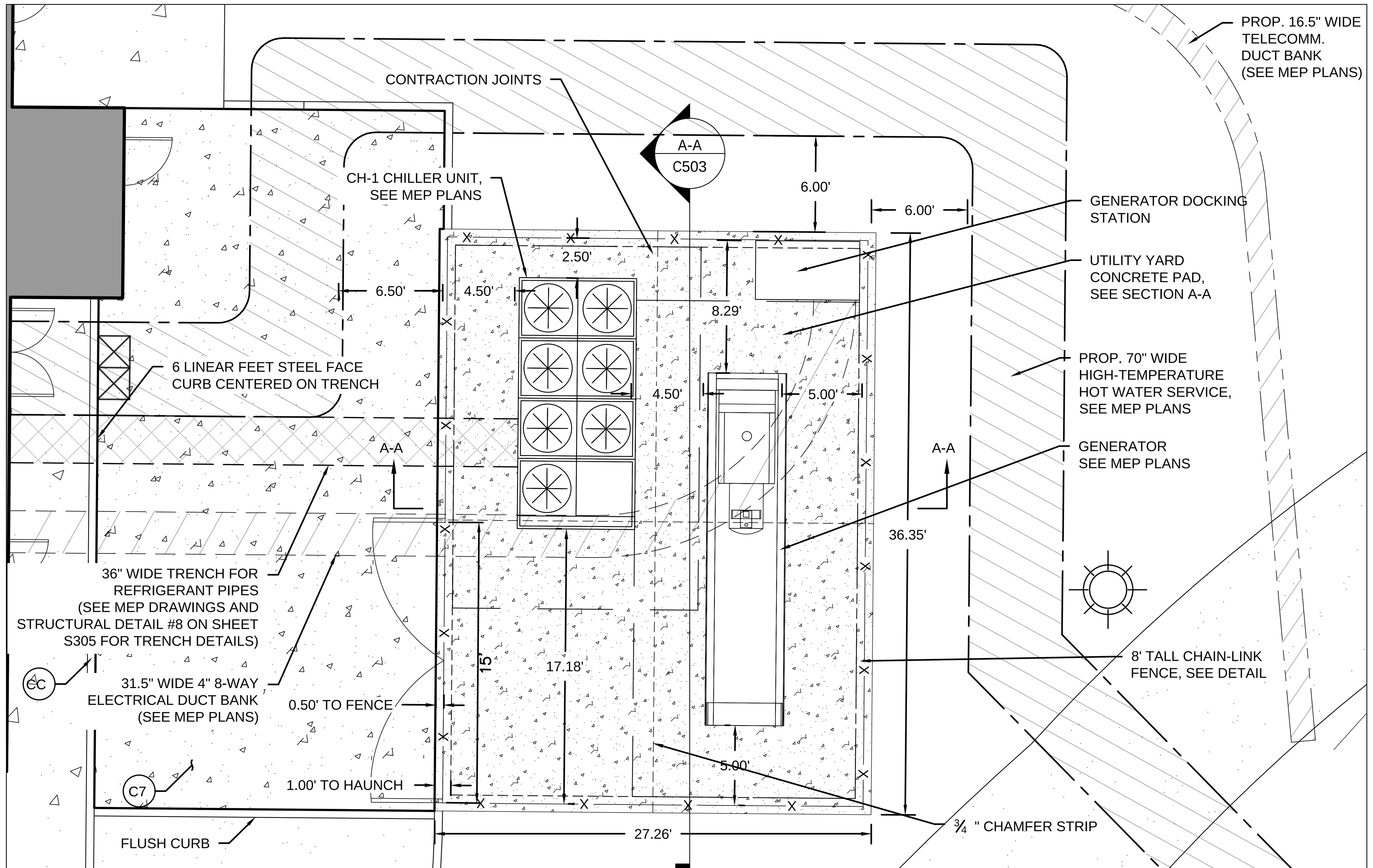
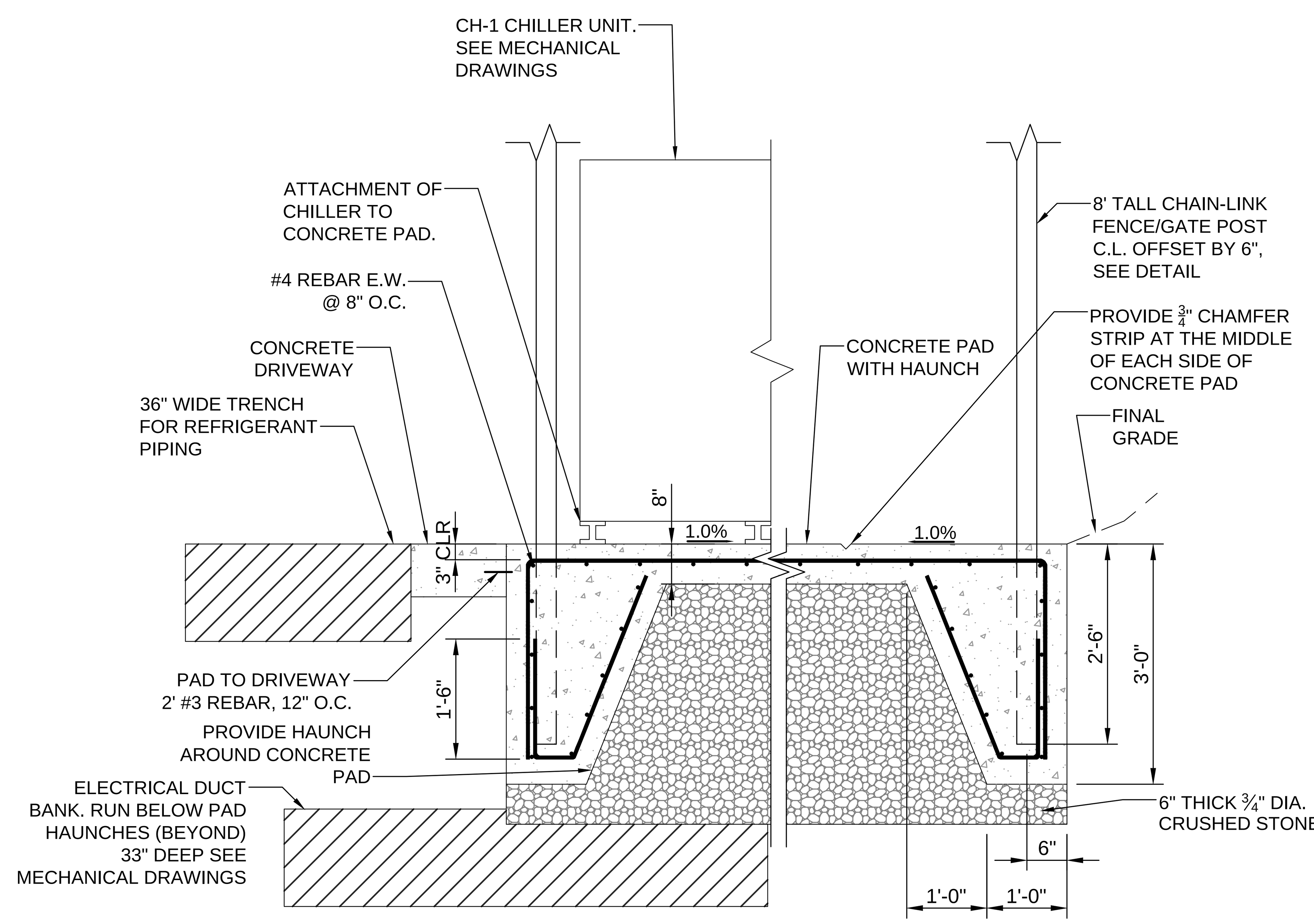
C502
Drawing Number

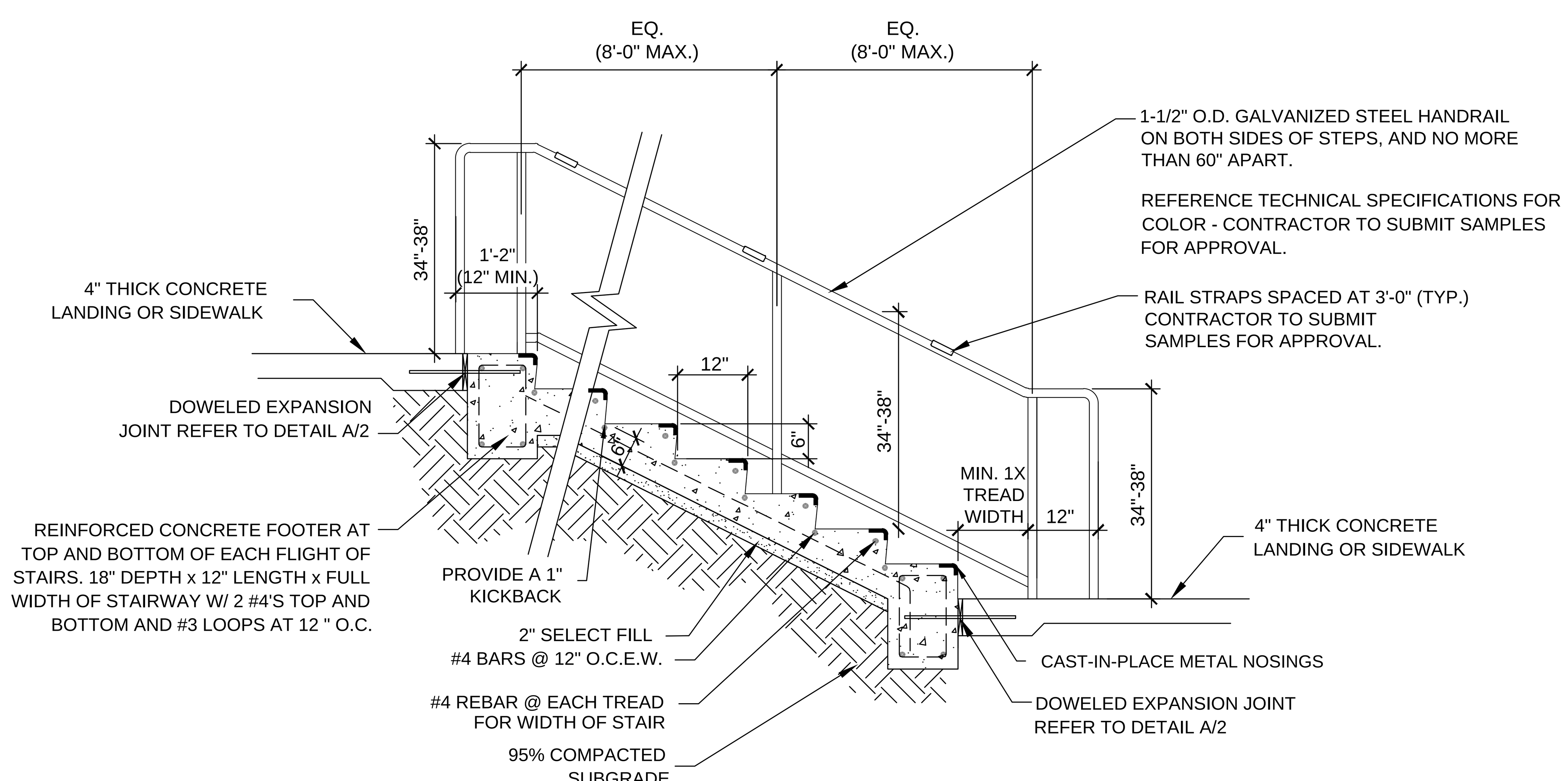
NOTES:
1. PROVIDE SHOP DRAWING OF FINAL YARD LAYOUT, CHILLER AND ELECTRICAL FEEDERS AND ATTACHMENTS TO PAD FOR APPROVAL. PROVIDE LAYOUT BASED ON SUBMITTED AND APPROVED CHILLER, GENERATOR, FEEDERS, AND TRENCHES.
2. CONCRETE PAD IS 4,500 PSI
3. PROVIDE SHOP DRAWING OF FENCE AND GATE LAYOUT FOR APPROVAL. .

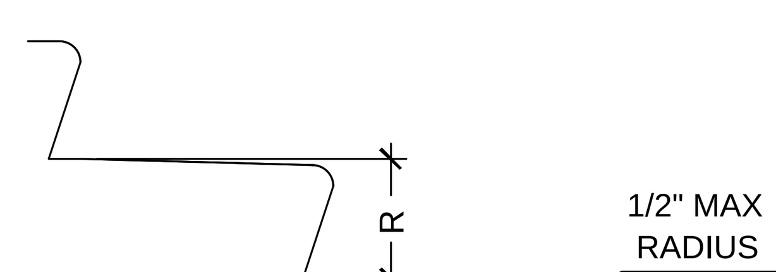


CHILLER AND GENERATOR YARD PLAN 1
1"=5'-0"



UTILITY YARD CONCRETE PAD, SECTION A-A 2
¾"=1'-0"

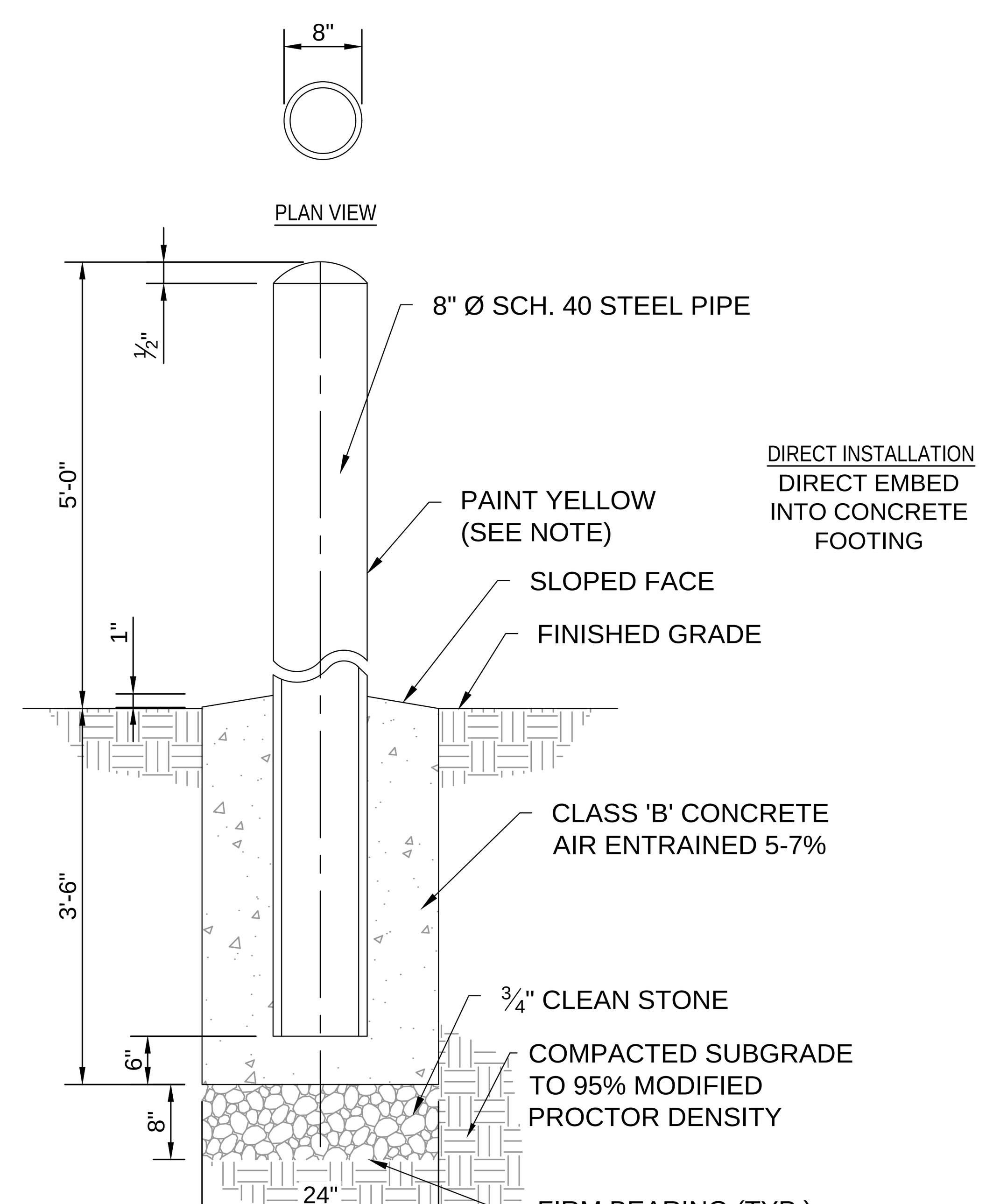




NOTES:
REF. GRADING PLAN FOR NUMBER OF STEPS, DIMENSION OF TREADS AND RISER HEIGHT AND ELEVATIONS.
WIDTH OF STAIRS TO BE 12'.
R = RISER HT. PLUS TREAD SLOPE

GENERAL NOTES:
1. REFER TO PLAN FOR STEP TREAD AND RISER QUANTITY AND DIMENSIONS.
2. SLOPE TREAD @ 1.0% MAX FOR DRAINAGE.
3. UNLESS NOTED OTHERWISE, STAIR FINISH SHALL BE A NON-SLIP HORIZONTAL BROOM FINISH.
4. ALL DIMENSIONS AND MATERIALS FOR STAIRS SHALL COMPLY WITH THE NEW YORK ACCESSIBILITY STANDARDS.
5. POSTS SHALL BE SURFACE MOUNTED, CORED, SLEEVED OR SET IN POST FOOTERS - REFERENCE TECHNICAL SPECIFICATIONS AND/OR PROJECT SPECIFIC DETAIL FOR MOUNTING.
6. PROVIDE CAST-IN-PLACE METAL NOSINGS ACCORDING TO UNIVERSITY STANDARDS. THE NOSING TREAD SHALL BE CAST IRON, 3" WIDE, WITH ⅜" AVERAGE THICKNESS AND ⅜" EXTENSION BELOW TREAD

EXTERIOR STAIRS DETAIL 3
N.T.S.



NOTES:
1. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.
2. MATERIALS CONSIST OF STANDARD STEEL REBAR CAGE, TYPE 3 PORTLAND CEMENT CONFORMING TO ASTM C150 SPECIFICATIONS.
3. WEIGHT: 55 LBS PER FOOT.
4. STRESS LOAD: 4000 PSI AT 28 DAYS.

BOLLARD DETAIL 4
N.T.S.

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646-253-9000

D2D Green Design
10 Hallenbeck Hill, East Greenbush, NY 12061
518-729-2967

Trophy Point
4588 South Park Avenue, Basdell, NY 14219
716-823-0006

Project Key

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Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL
500 Circle Road
Stony Brook, New York 11790

Drawing Title
CIVIL DETAILS 3

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
STATE OF NEW YORK · ALAN FOX · 091240 · LICENSED PROFESSIONAL ENGINEER

Date 10/29/2024
PAGE Project No 1018037.01
Scale AS INDICATED
Designed by HR
Drawn by JM
Checked by AF

C503
Drawing Number

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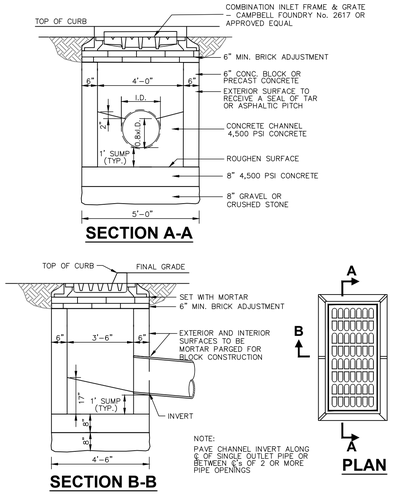
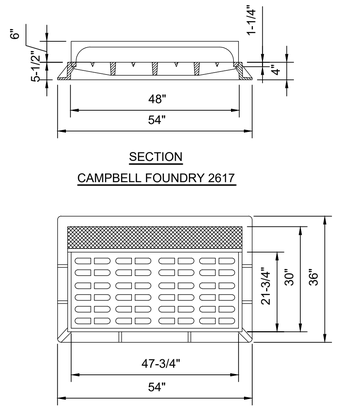


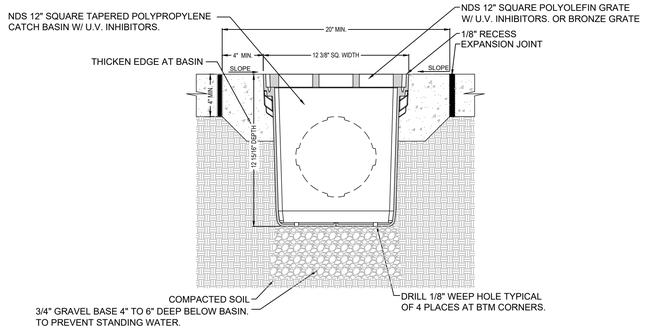
CATCH BASIN, TYPE 1 — 1
N.T.S.



NOTES:

1. MATERIALS: CONFORMS TO ASTM A48 CLASS 30B OR 35B SPECIFICATIONS
2. LOAD RATING: AASHTO HS-20.
3. MANUFACTURER:CAMPBELL FOUNDRY OR APPROVED EQUAL.
4. CASTINGS MUST MATCH PRECAST OPENING.
5. 2 INCHES OF CASTING MUST REST ON CONCRETE PRECAST.
6. GRATES SHALL BE BICYCLE SAFE.

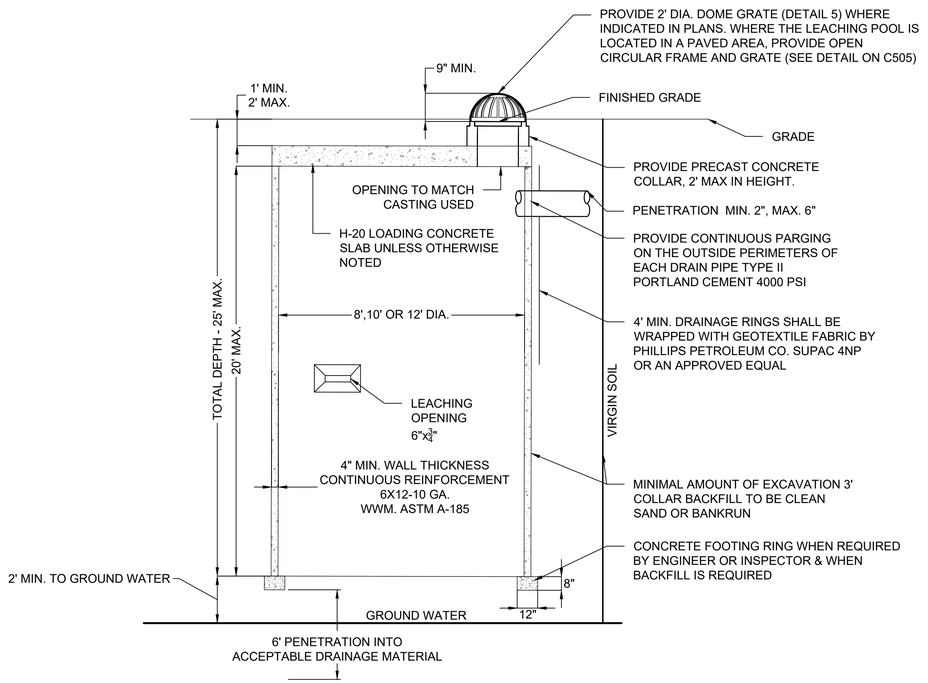
COMBINATION INLET FRAME & GRATE (HEAVY DUTY) — 2
N.T.S.



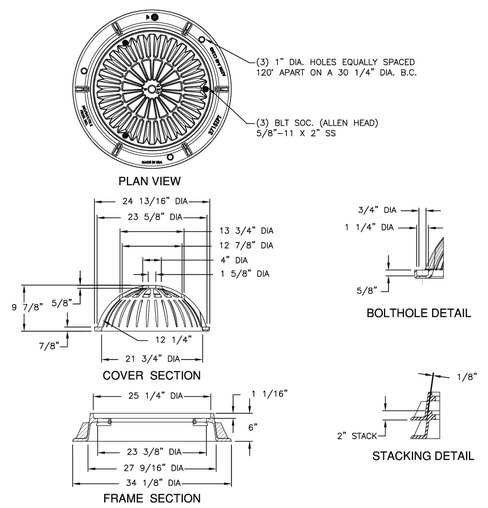
NOTES:

1. GRATE TO BE ATTACHED TO CATCH BASIN WITH SCREW PROVIDED AT TIME OF INSTALLATION.
2. BRONZE GRATE TO BE USED IN PEDESTRIAN TRAFFIC APPLICATION ONLY.
3. DO NOT USE OVER 5 RISERS WITH CATCH BASIN.
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

12" x 12" CATCH BASIN DETAIL, TYPE 2 — 3
N.T.S.



LEACHING POOL DETAIL — 4
N.T.S.



NOTE:
PROVIDE E.J. IRON WORKS MODEL 3715ZPT 3700O ASSEMBLY OR APPROVED EQUAL.

DOME GRATE DETAIL — 5
N.T.S.

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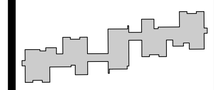

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Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
DRAINAGE DETAILS

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature

Date	10/29/2024
PAGE Project No	1018037.01
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Checked by	AF

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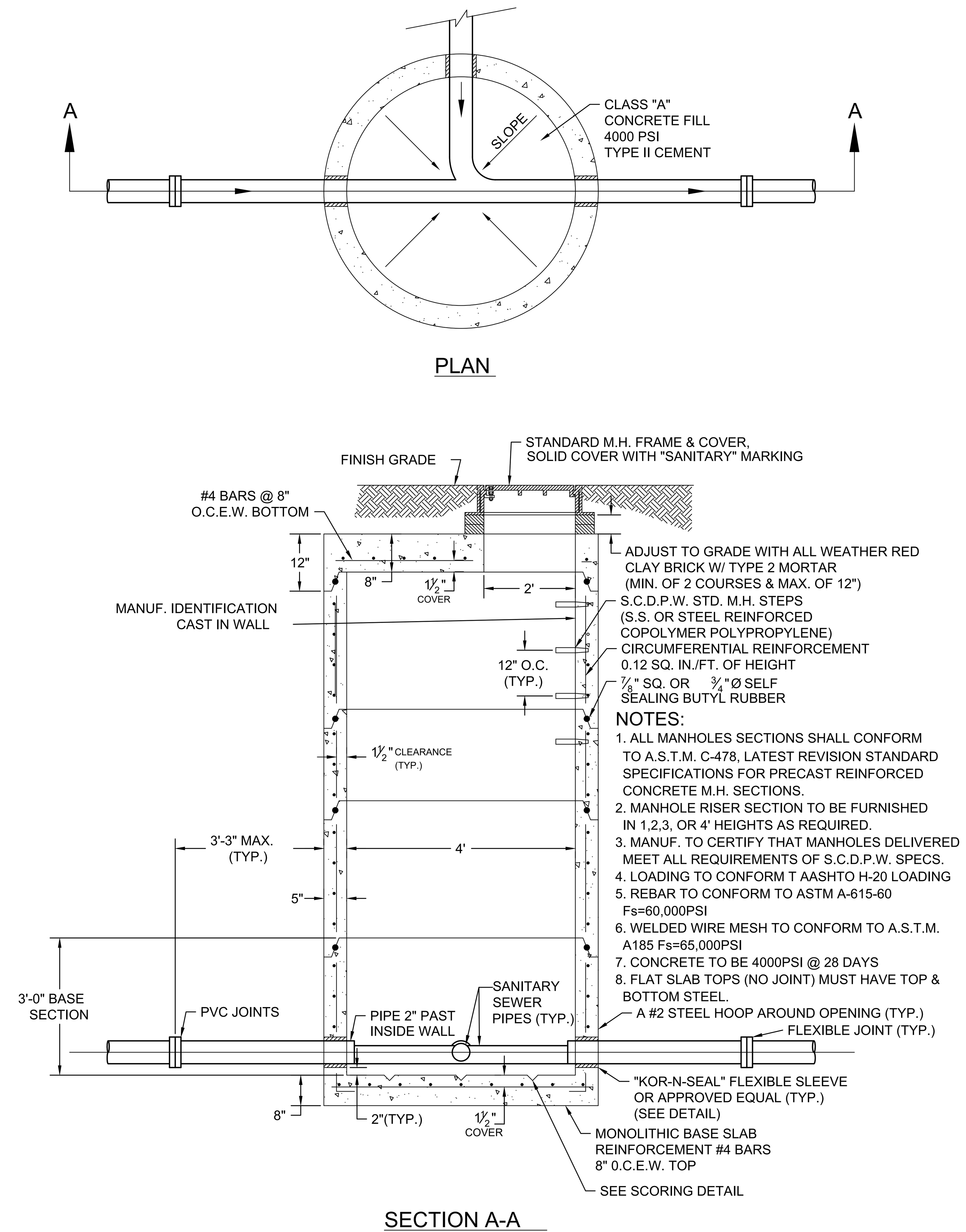
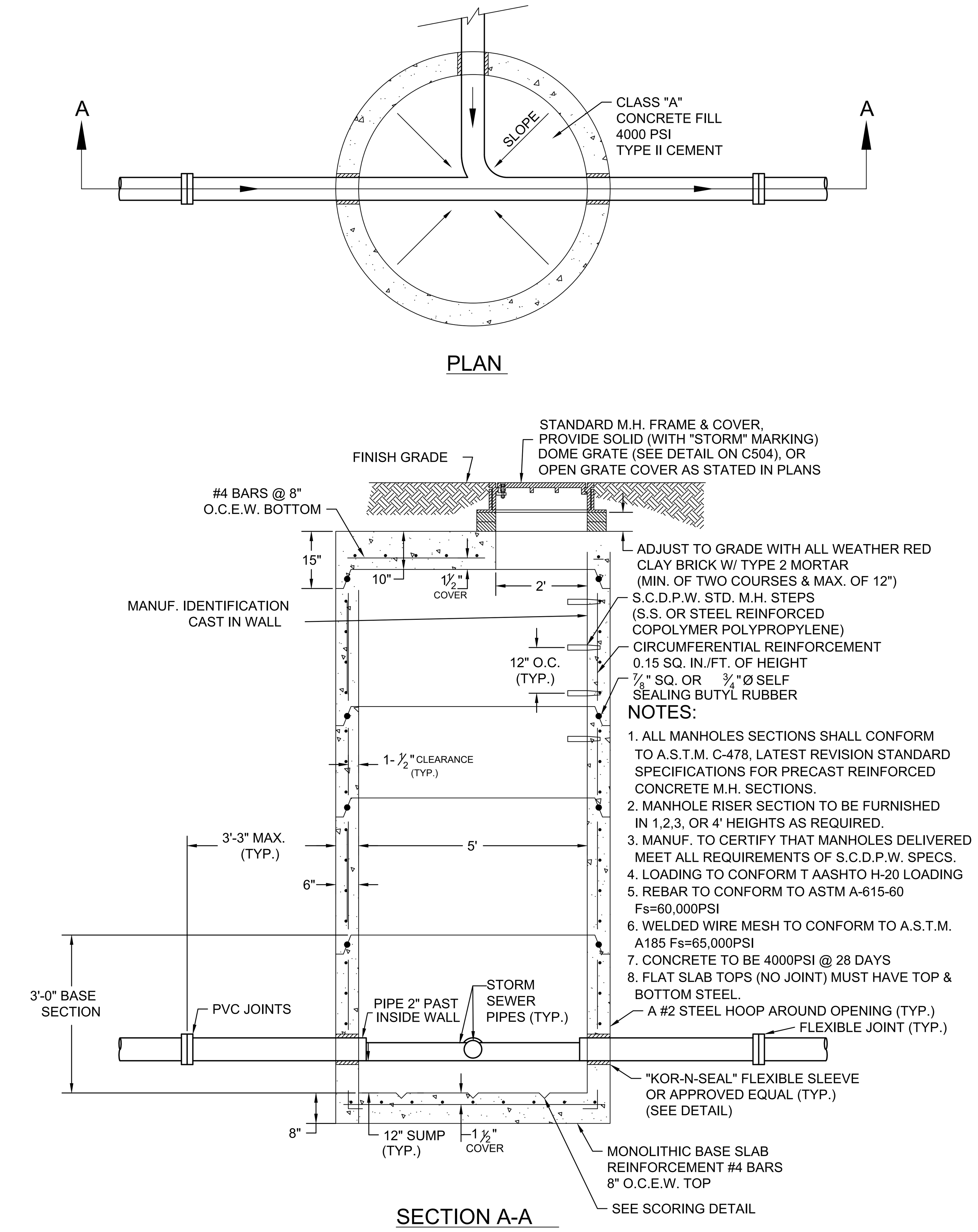
Drawing Number



NOTES:
1. ALL MANHOLES SECTIONS SHALL CONFORM TO A.S.T.M. C-478, LATEST REVISION STANDARD SPECIFICATIONS FOR PRECAST REINFORCED CONCRETE M.H. SECTIONS.
2. MANHOLE RISER SECTION TO BE FURNISHED IN 1,2,3, OR 4' HEIGHTS AS REQUIRED.
3. MANUF. TO CERTIFY THAT MANHOLES DELIVERED MEET ALL REQUIREMENTS OF S.C.D.P.W. SPECS.
4. LOADING TO CONFORM T AASHTO H-20 LOADING
5. REBAR TO CONFORM TO ASTM A-615-60 Fs=60,000PSI
6. WELDED WIRE MESH TO CONFORM TO A.S.T.M. A185 Fs=65,000PSI
7. CONCRETE TO BE 4000PSI @ 28 DAYS
8. FLAT SLAB TOPS (NO JOINT) MUST HAVE TOP & BOTTOM STEEL.

4' MANHOLE PLAN (SANITARY SEWER) 1
N.T.S.



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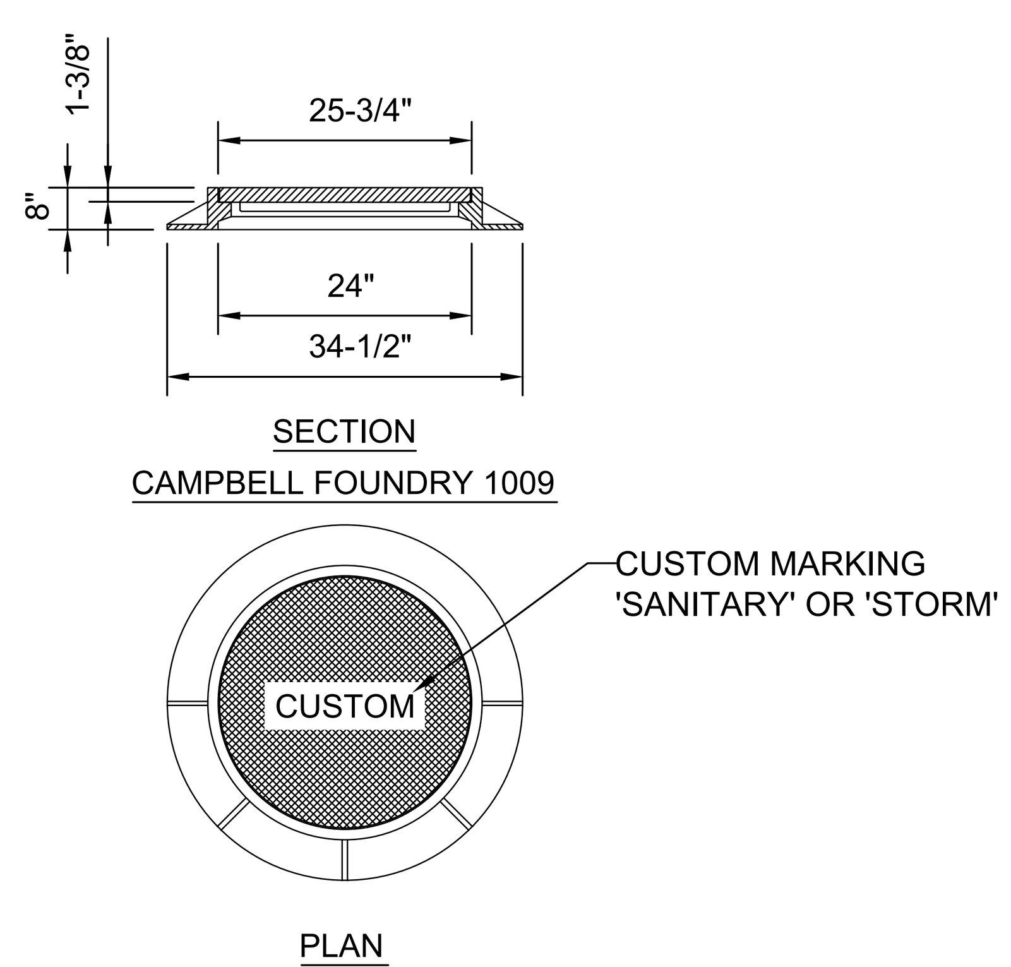
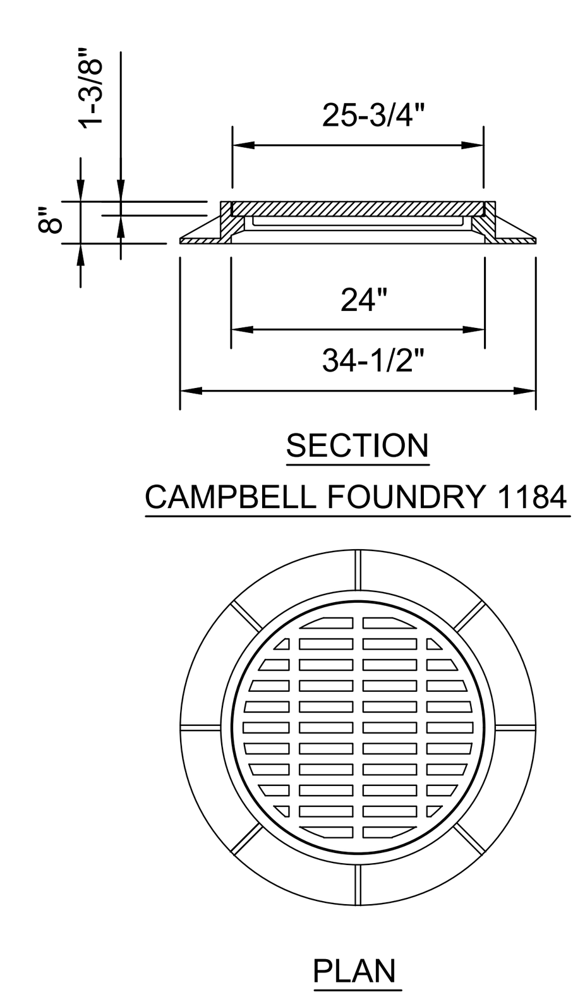
5. REBAR TO CONFORM TO ASTM A-615-60 Fs=60,000PSI
6. WELDED WIRE MESH TO CONFORM TO A.S.T.M. A185 Fs=65,000PSI
7. CONCRETE TO BE 4000PSI @ 28 DAYS
8. FLAT SLAB TOPS (NO JOINT) MUST HAVE TOP & BOTTOM STEEL.

5' MANHOLE PLAN (STORM SEWER) 2
N.T.S.



NOTES:
1. MATERIALS: CONFORM TO ASTM A48 CLASS 30B OR 35B SPECIFICATIONS.
2. LOAD RATING: FOR AASHTO HS-20.
3. PROVIDE CAMPBELL FOUNDRY OR APPROVED EQUAL.
4. CASTINGS MUST MATCH PRECAST MANHOLE OPENING.
5. 2 INCHES OF CASTING MUST REST ON CONCRETE PRECAST.
6. PROVIDE "STORM" CUSTOM MARKING ON CASTING FOR STORM SEWER MANHOLES WITH SOLID COVER, AS STATED IN PLANS.
7. PROVIDE "SANITARY" CUSTOM MARKING ON CASTING FOR SANITARY SEWER MANHOLES.

"SOLID" CIRCULAR FRAME AND COVER 3
N.T.S.



NOTES:
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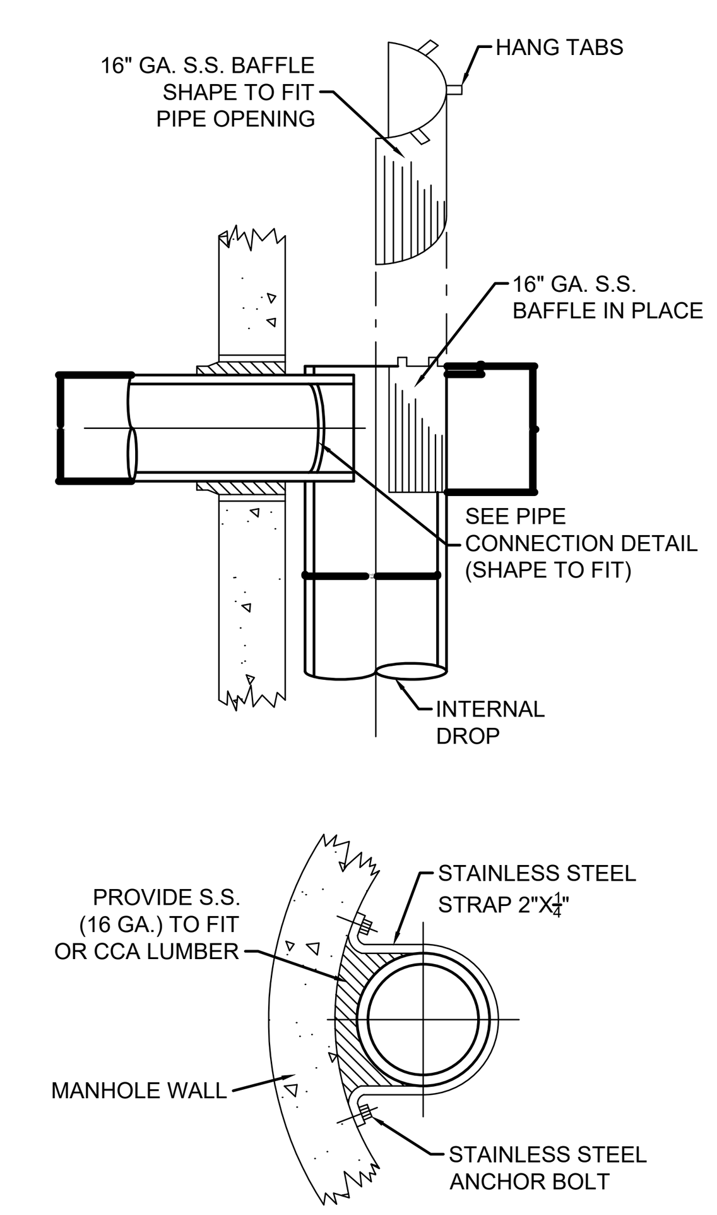
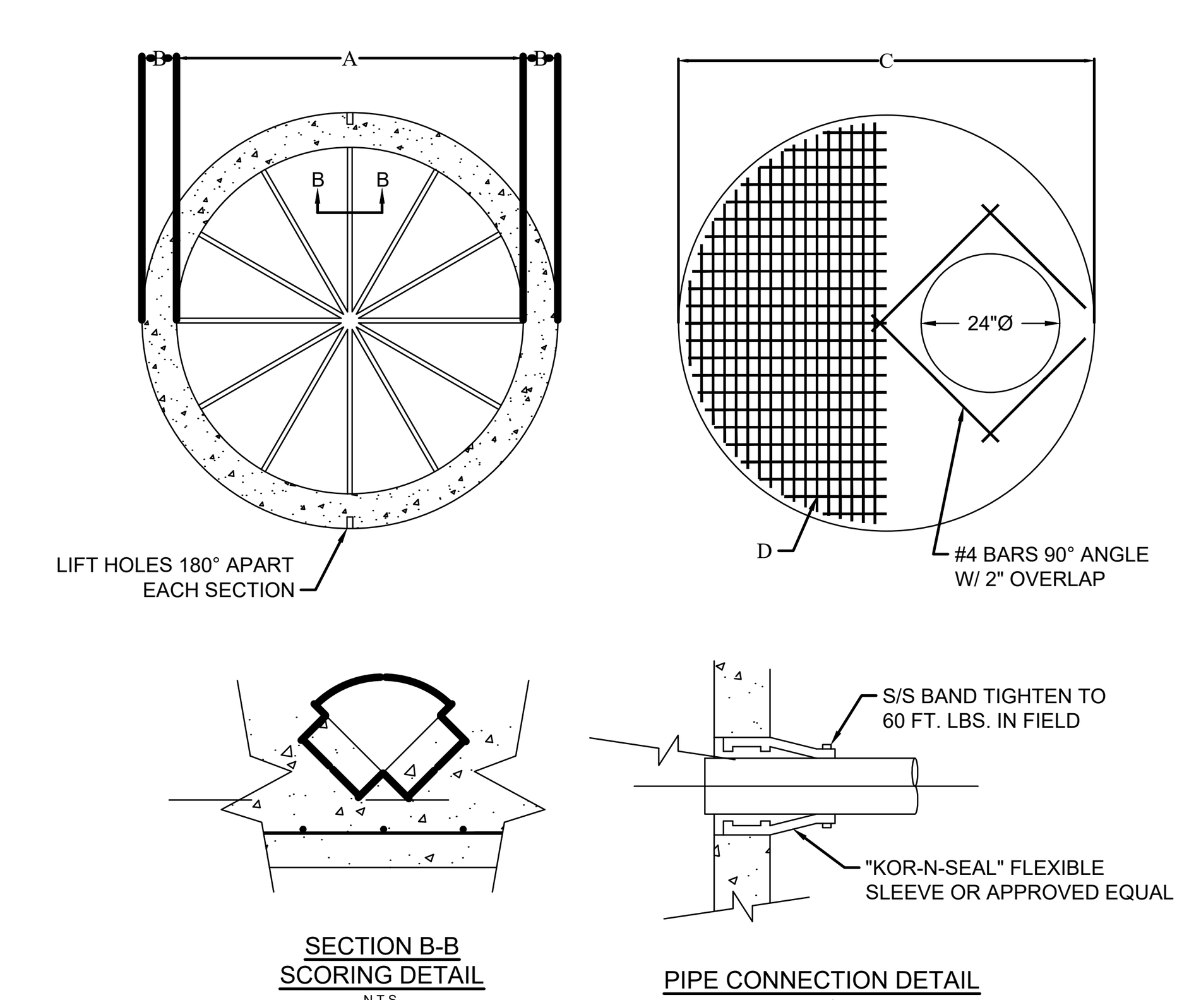
2. LOAD RATING: FOR AASHTO HS-20.
3. PROVIDE CAMPBELL FOUNDRY OR APPROVED EQUAL.
4. CASTINGS MUST MATCH PRECAST MANHOLE OPENING.
5. 2 INCHES OF CASTING MUST REST ON CONCRETE PRECAST.

"OPEN" CIRCULAR FRAME AND COVER 4
N.T.S.



INTERNAL DROP MANHOLE 5
N.T.S.

	A	B	C	D
5' M.H.	6"	6'-0"	#4 BARS @ 8" OCEW BOTTOM	
4' M.H.	5"	4-10"	#4 BARS @ 8" OCEW BOTTOM	



MANHOLE BASE SECTION & TOP SLAB 6
N.T.S.

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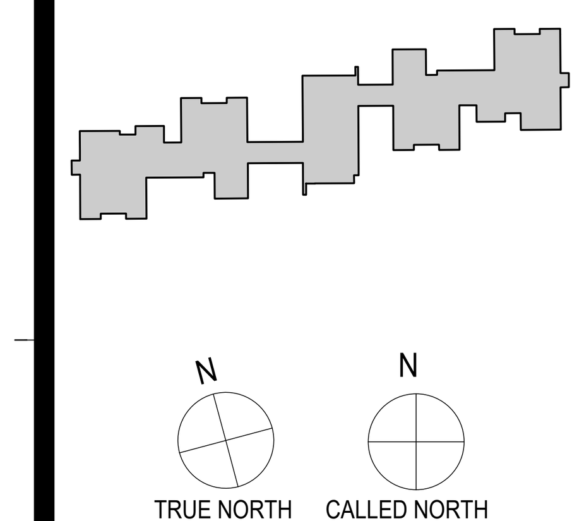

Revisions

Rev	Description	Date

Client

Stony Brook University

Project Title

TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title

SEWER DETAILS 1

Phase

CONSTRUCTION DOCUMENTS

Professional Seal & Signature

Date	10/29/2024
PAGE Project No	1018037.01
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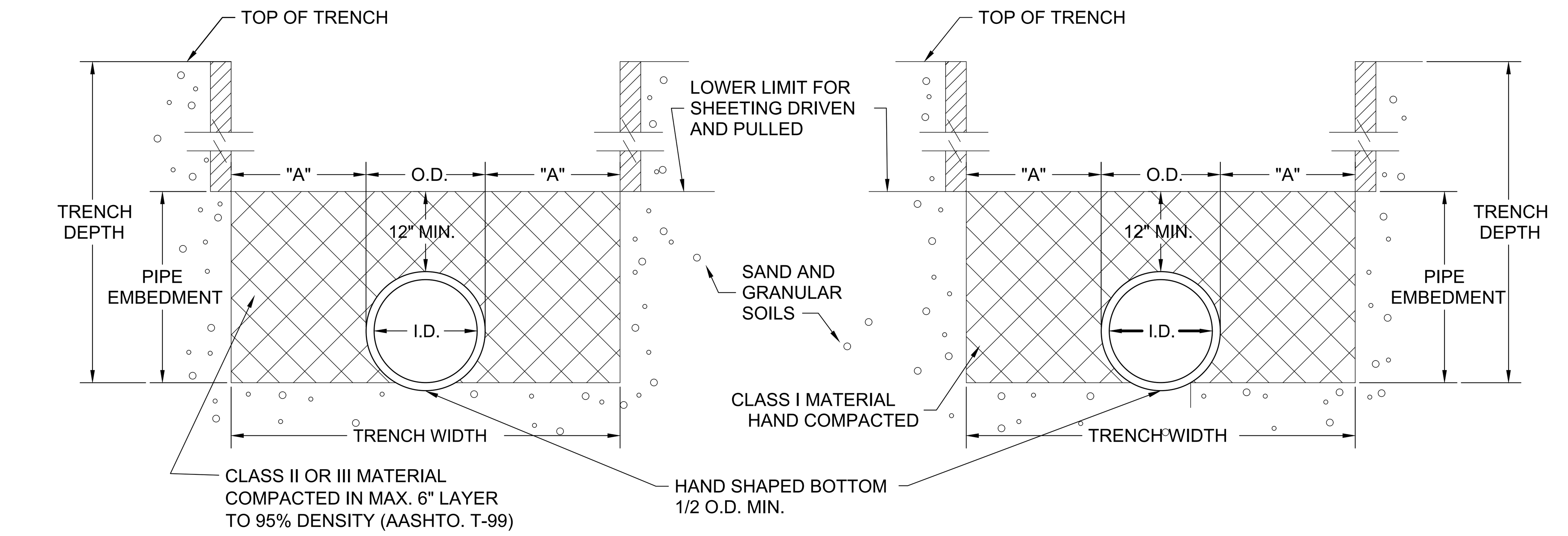
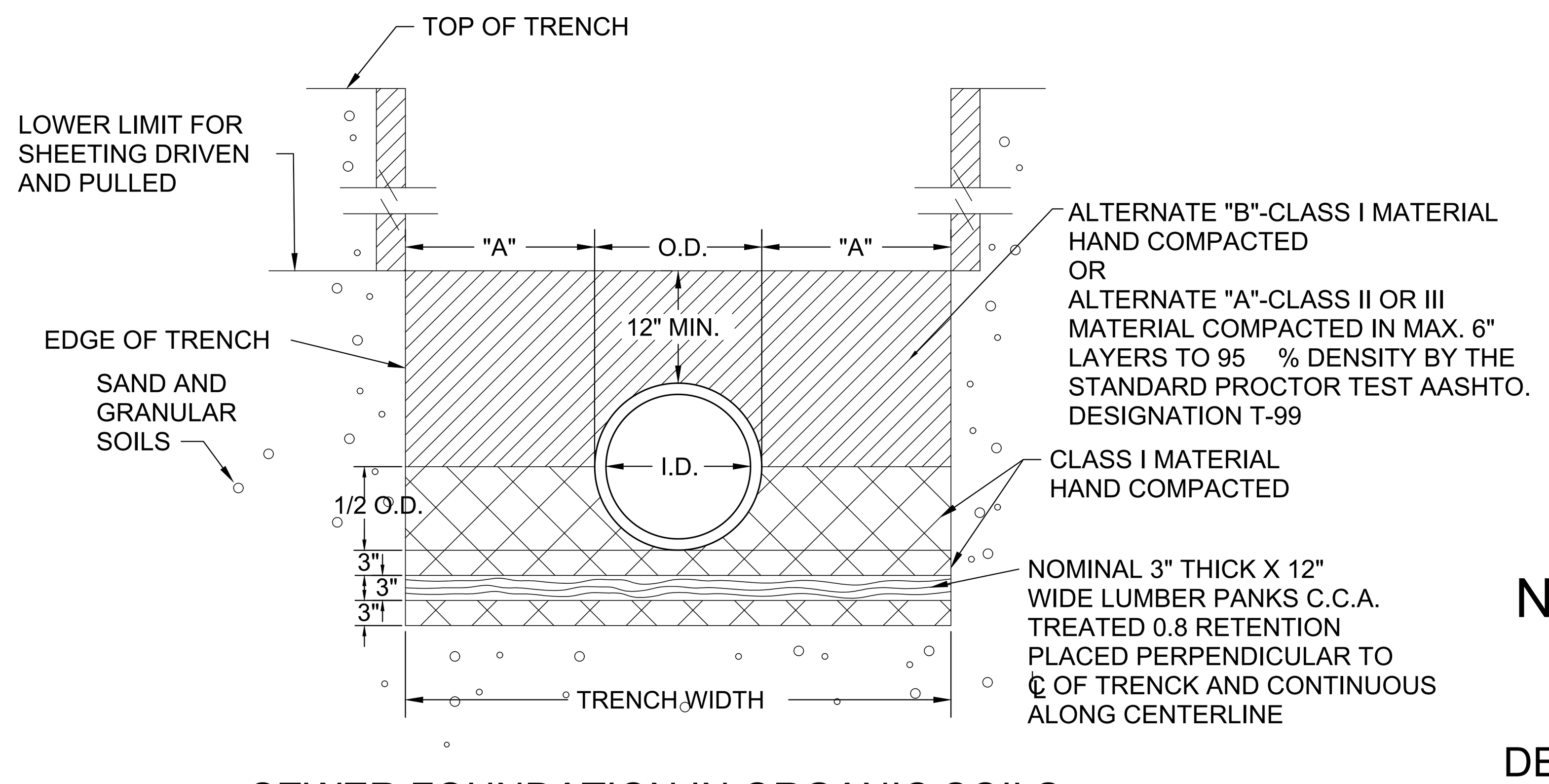


SEWER FOUNDATION IN GRANULAR SOILS
ALL TRENCH DEPTHS



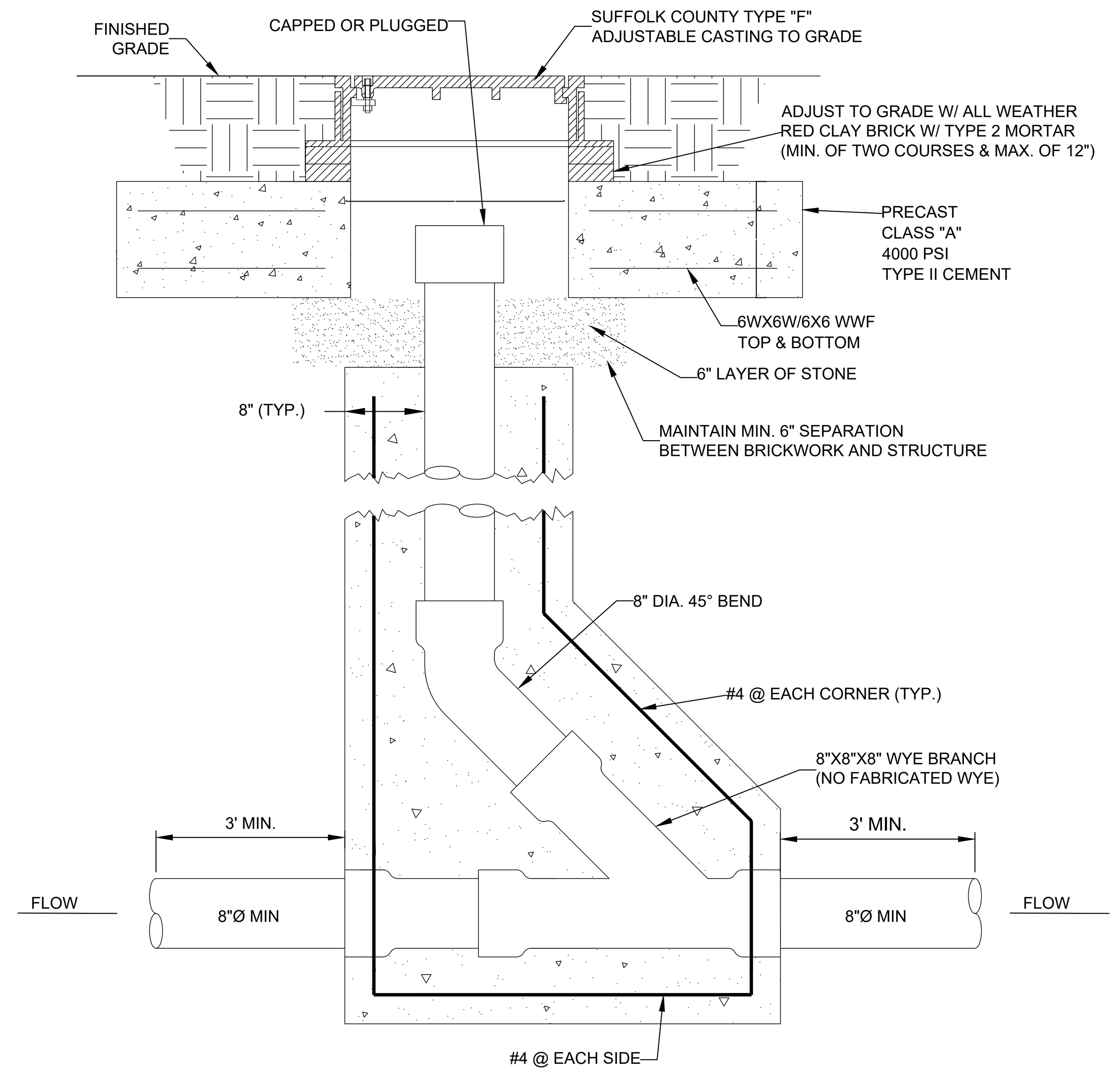
I.D.	"A" (MAX)
8" Ø TO 36" Ø	12"
42" Ø TO 84" Ø	18"
96" Ø TO 144" Ø	24"

NOTE: ALL DRAWINGS NOT TO SCALE

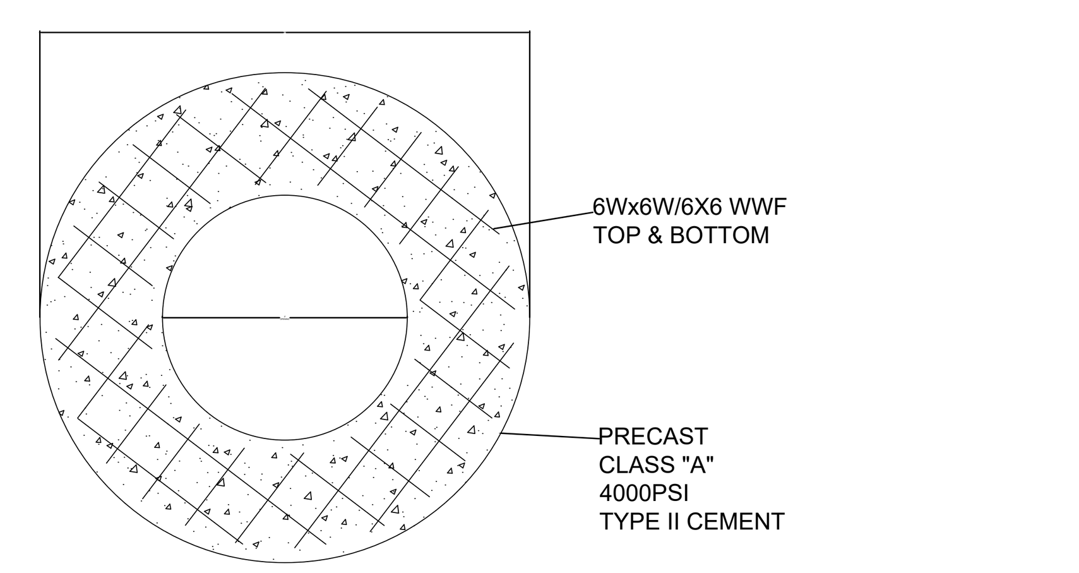
SEWER FOUNDATION IN ORGANIC SOILS

DEPARTMENT OF PUBLIC WORKS
SUFFOLK COUNTY, NEW YORK

TRENCH DETAILS 1
N.T.S.

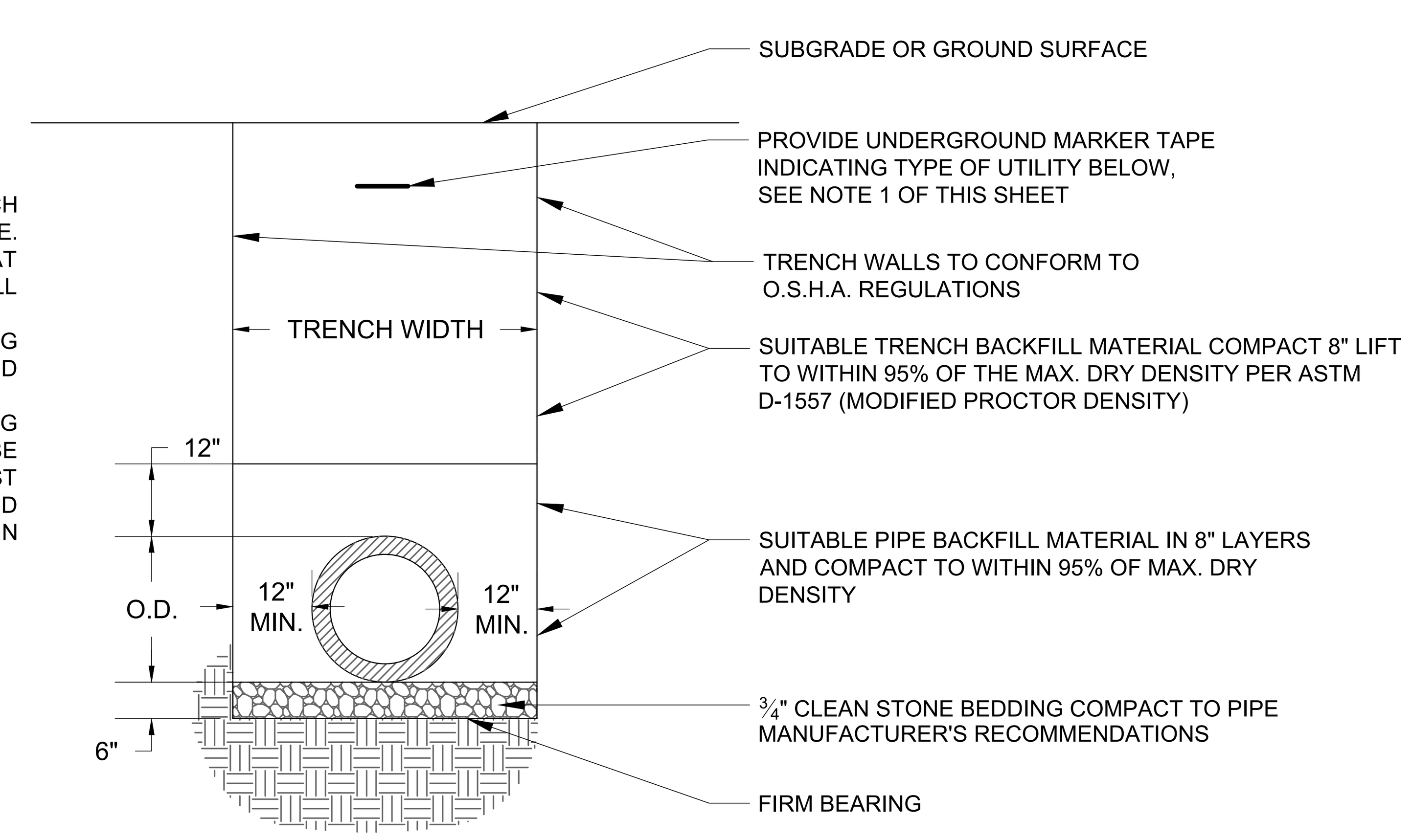


TYPICAL GRAVITY HOUSE CONNECTION
IN ROADWAY CLEAN-OUT DETAIL
N.T.S.

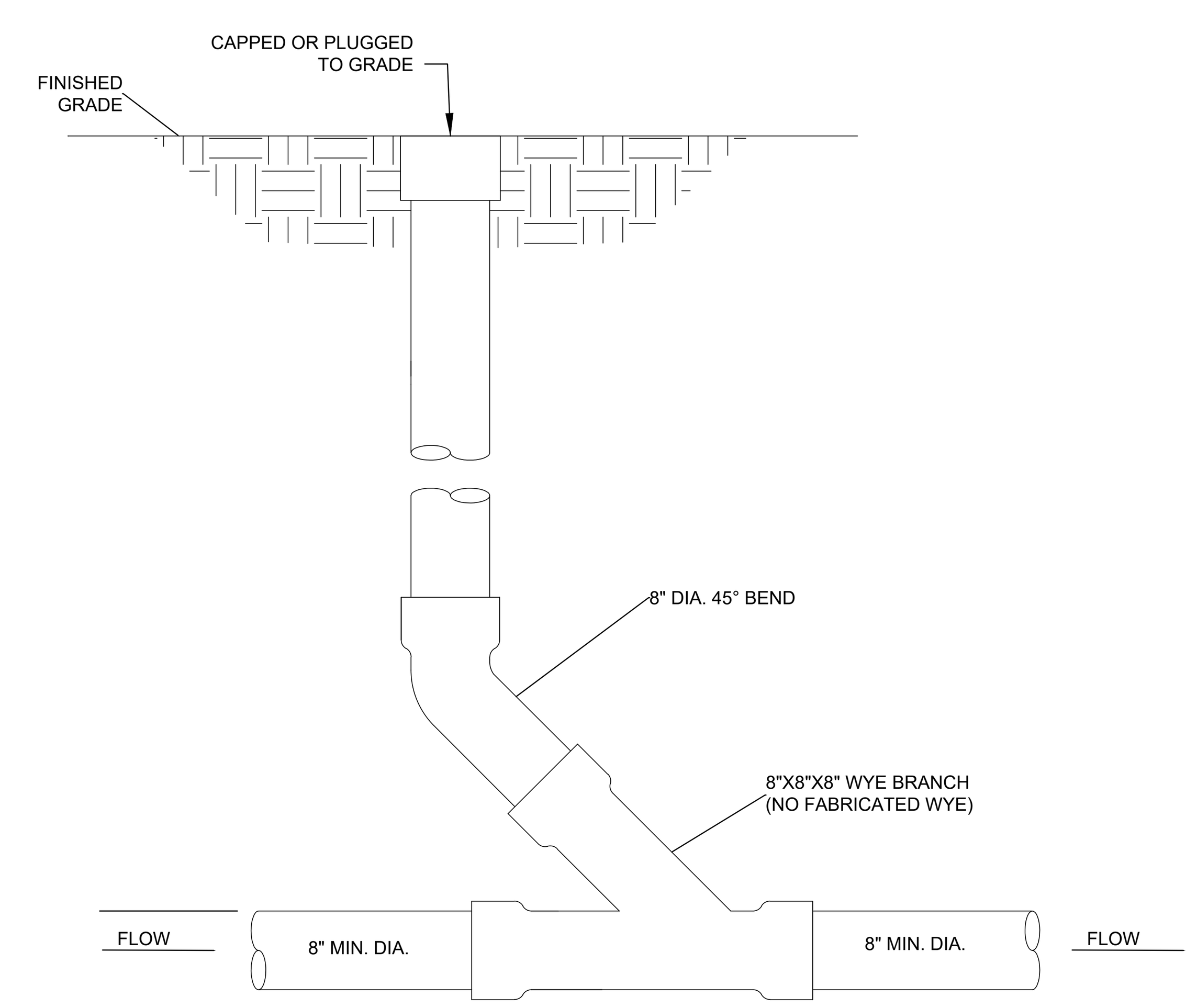


ROADWAY CLEANOUT PLAN 2
N.T.S.

NOTE:
1. TRENCH WIDTH SHALL BE A MINIMUM OF 12" EACH SIDE PLUS THE OUTSIDE DIAMETER OF THE PIPE. TRENCH WIDTH SHALL NOT EXCEED THAT REQUIRED FOR PROPER INSTALLATION BACKFILL AND COMPACTION OPERATIONS.
2. ALL SUITABLE BACKFILL AND STONE BEDDING SHALL BE AS PER SPECIFICATIONS AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
3. WHERE TRENCH PASSES THROUGH EXISTING PAVEMENT, THE PAVEMENT SHALL BE MECHANICALLY CUT. PATCHING SHALL CONSIST OF TACKING EDGES OF EXISTING PAVEMENT, AND INSTALLING NEW PAVEMENT. COMPACTION IN ACCORDANCE WITH SPECIFICATIONS.
4. COMPACTION TO CONFORM TO ASTM D-1557.



TYPICAL TRENCH DETAIL FOR HDPE AND PVC PIPE 3
N.T.S.



NON-PAVED AREA CLEANOUT DETAIL 4
N.T.S.

NOTES:
1. ALL NEW UNDERGROUND UTILITIES SHALL INCLUDE THE INSTALLATION OF A METALLIC-LINED, PLASTIC UNDERGROUND MARKER TAPE. THE TAPE SHALL BE BURIED DIRECTLY ABOVE THE UTILITY AND CONTAIN THE PRINTED NAME OF THE UTILITY REPEATED CONTINUOUSLY ALONG ITS LENGTH.

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Project Key

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Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL
500 Circle Road
Stony Brook, New York 11790

Drawing Title
SEWER DETAILS 2

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
STATE OF NEW YORK · ALAN FOX · 091260 · LICENSED PROFESSIONAL ENGINEER

Date: 10/29/2024
PAGE Project No: 1018037.01
Scale: AS INDICATED
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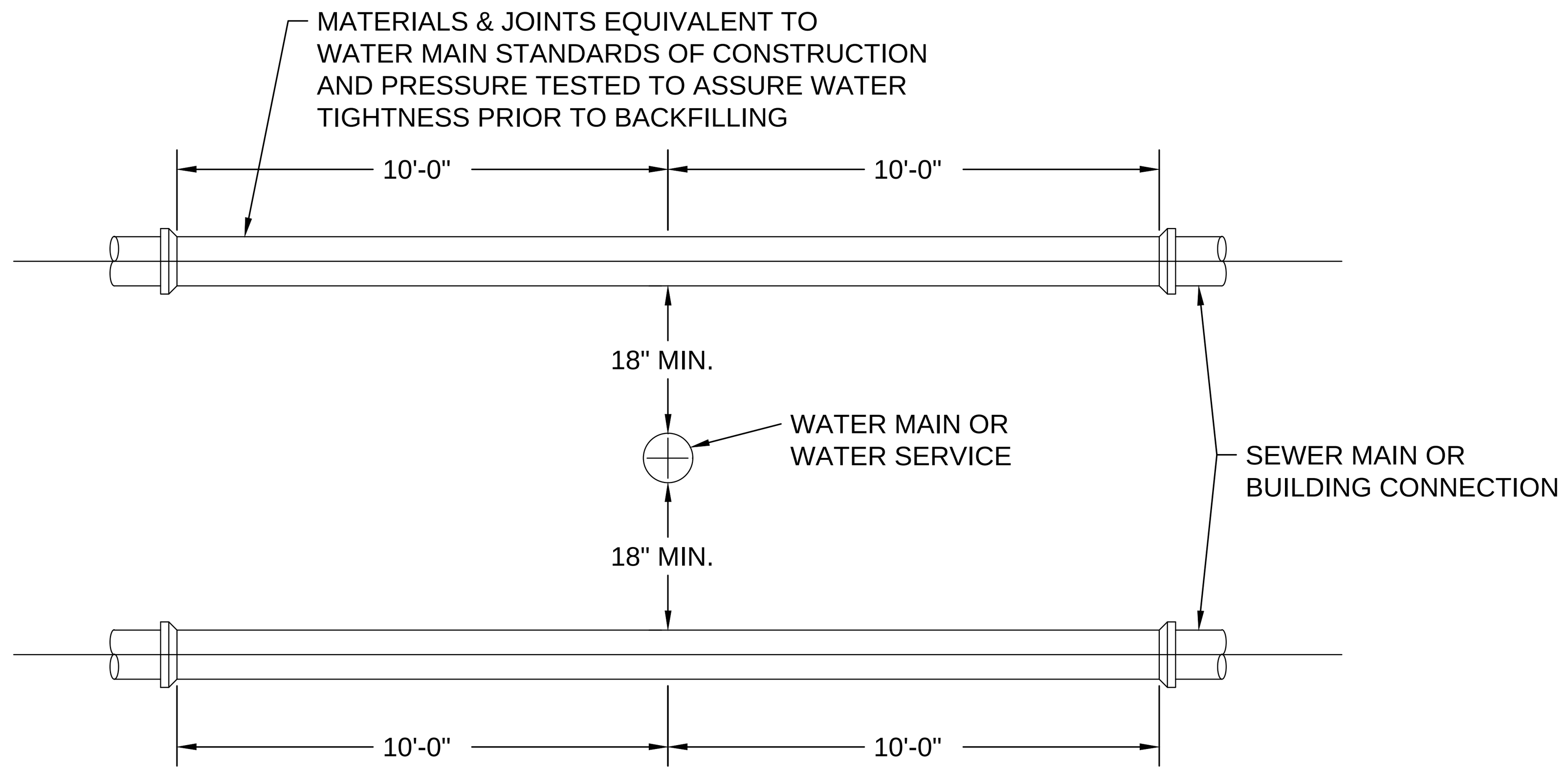
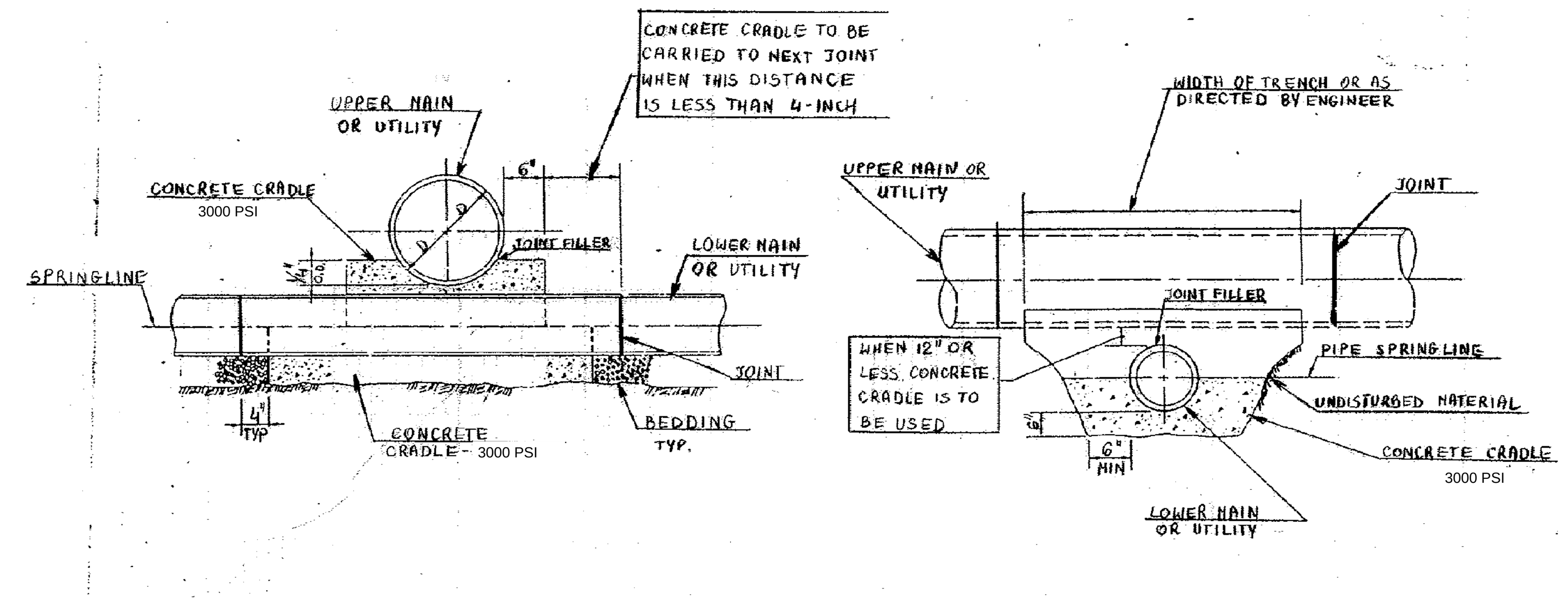
Drawn by: JM
Checked by: AF

C506
Drawing Number

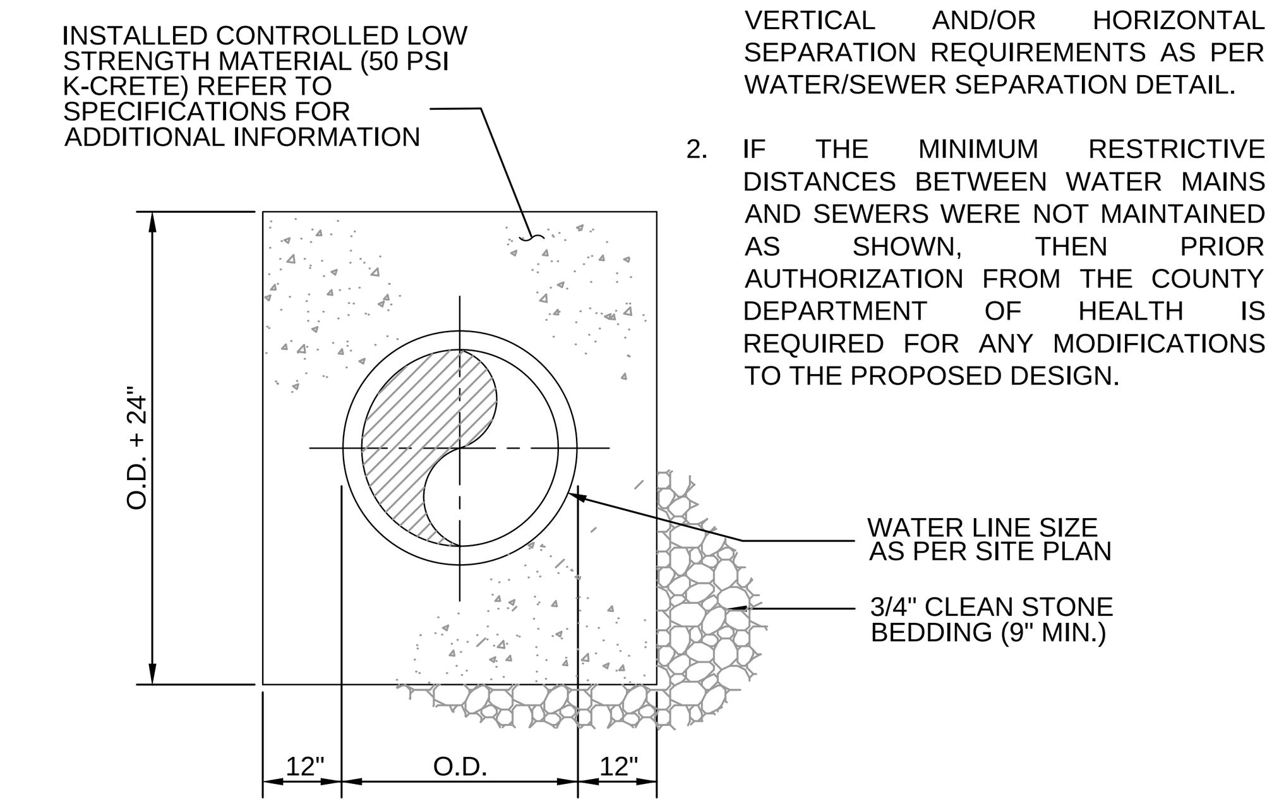


NOTE:
HORIZONTAL SEPARATION BETWEEN SEWER AND WATER LINES MUST BE 10' MINIMUM

WATER/SEWER CROSSING DETAIL 1
N.T.S.

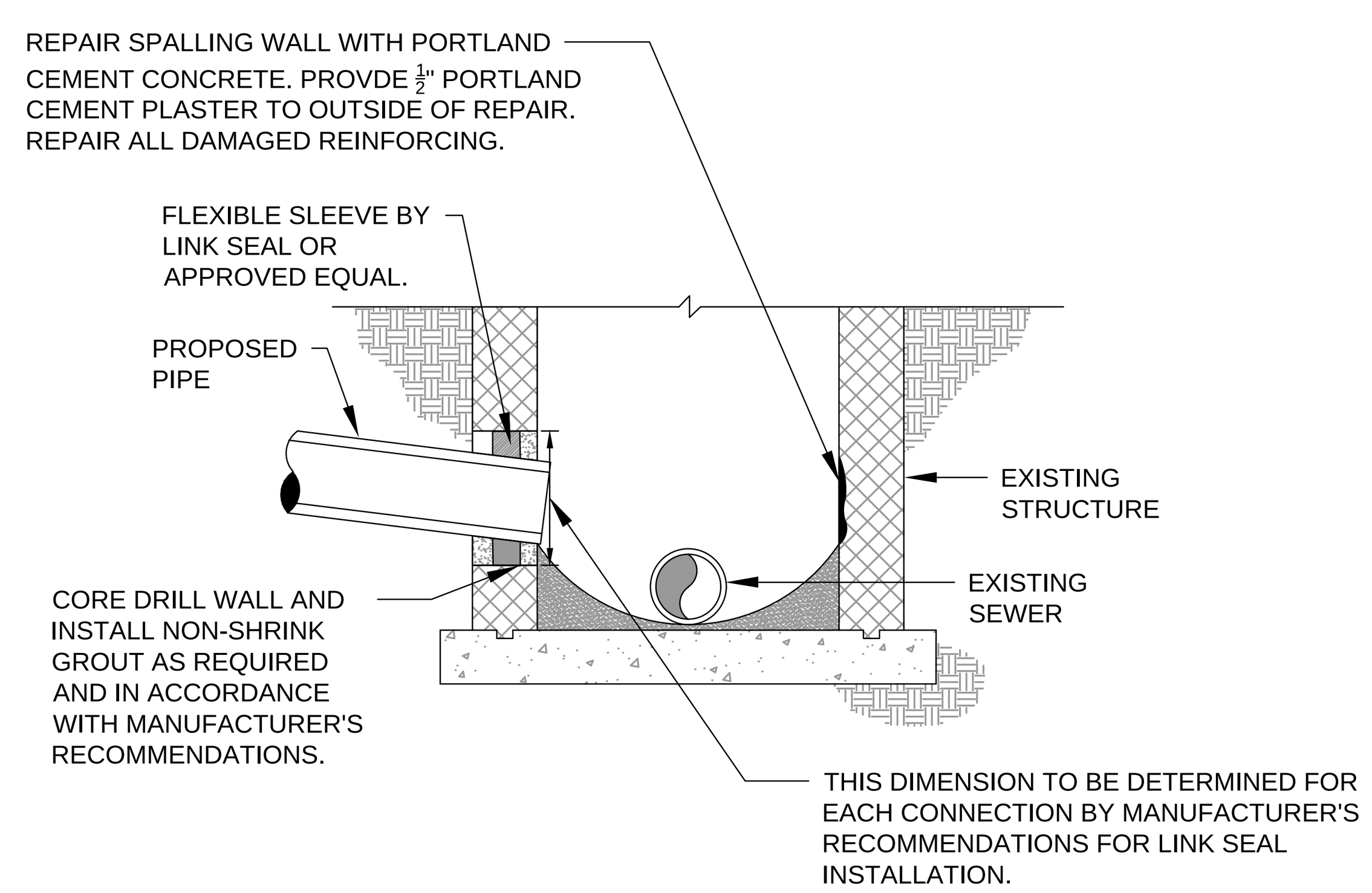


CONCRETE CRADLE FOR UTILITY CROSSING 2
N.T.S.

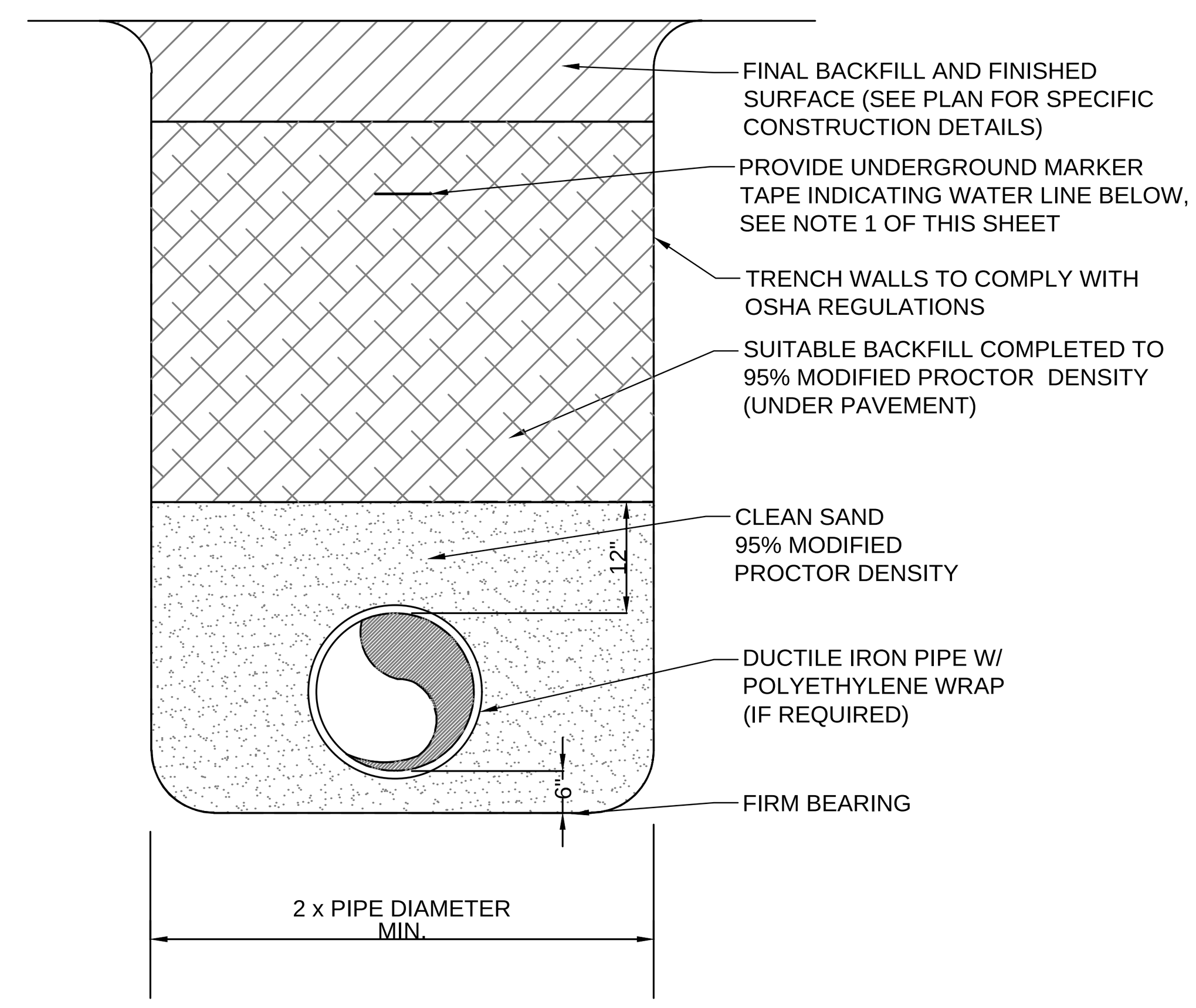


NOTES:
1. WATER MAIN HAS BEEN ENCASED AS PER ENCASEMENT DETAIL SHOULD INSTALLATION NOT MEET WITH VERTICAL AND/OR HORIZONTAL SEPARATION REQUIREMENTS AS PER WATER/SEWER SEPARATION DETAIL.
2. IF THE MINIMUM RESTRICTIVE DISTANCES BETWEEN WATER MAINS AND SEWERS WERE NOT MAINTAINED AS SHOWN, THEN PRIOR AUTHORIZATION FROM THE COUNTY DEPARTMENT OF HEALTH IS REQUIRED FOR ANY MODIFICATIONS TO THE PROPOSED DESIGN.

CONCRETE ENCASEMENT 3
N.T.S.

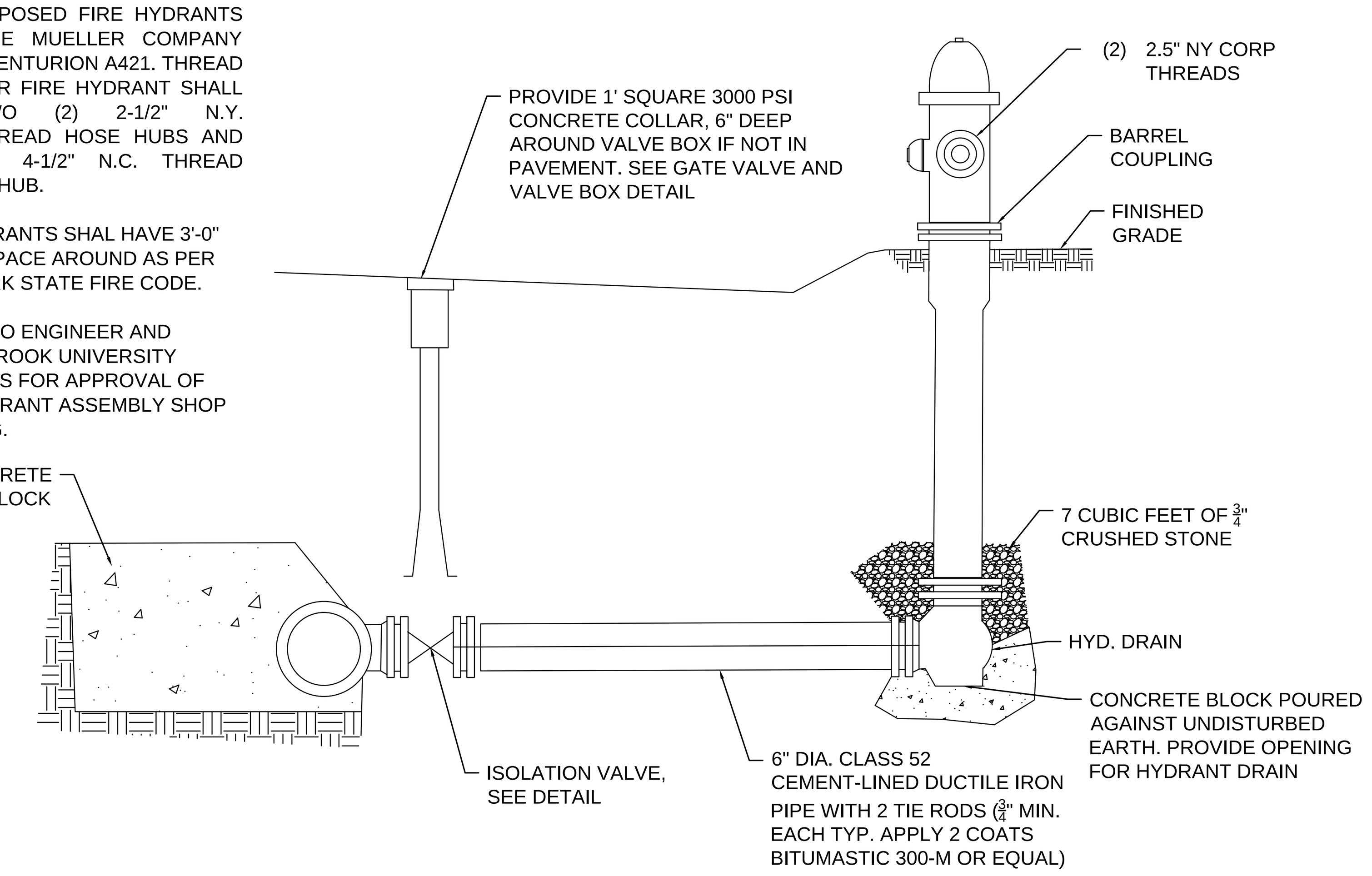


TYPICAL CONNECTION OF NEW SEWER TO EXISTING MANHOLE 4
N.T.S.

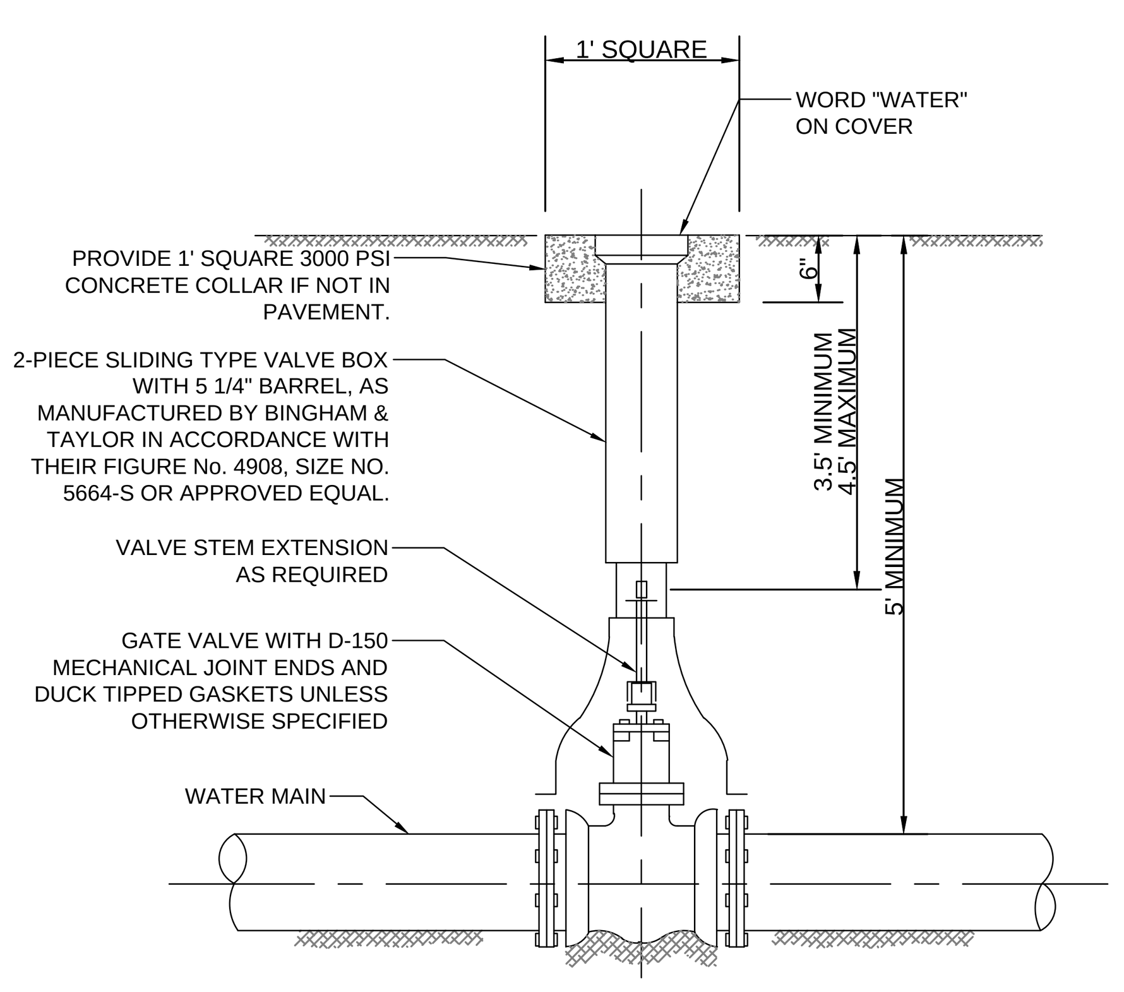


WATERLINE TRENCH DETAIL 5
N.T.S.

1. ALL PROPOSED FIRE HYDRANTS SHALL BE MUELLER COMPANY SUPER CENTURION A421. THREAD TYPE FOR FIRE HYDRANT SHALL BE TWO (2) 2-1/2" N.Y. CORP.THREAD HOSE HUBS AND ONE (1) 4-1/2" N.C. THREAD PUMPER HUB.
2. ALL HYDRANTS SHAL HAVE 3'-0" CLEAR SPACE AROUND AS PER NEW YORK STATE FIRE CODE.
3. SUBMIT TO ENGINEER AND STONY BROOK UNIVERSITY FACILITIES FOR APPROVAL OF FIRE HYDRANT ASSEMBLY SHOP DRAWING.



HYDRANT ASSEMBLY 6
N.T.S.



GATE VALVE AND BOX DETAIL 7
N.T.S.

NOTES:
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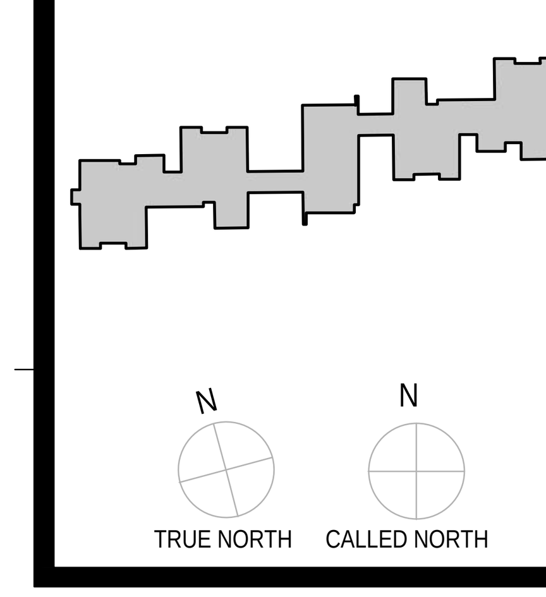


Revisions

Rev	Description	Date

Client
Stony Brook University

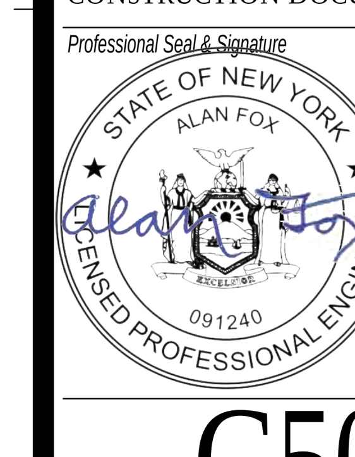
Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
SEWER AND UTILITY DETAILS

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature



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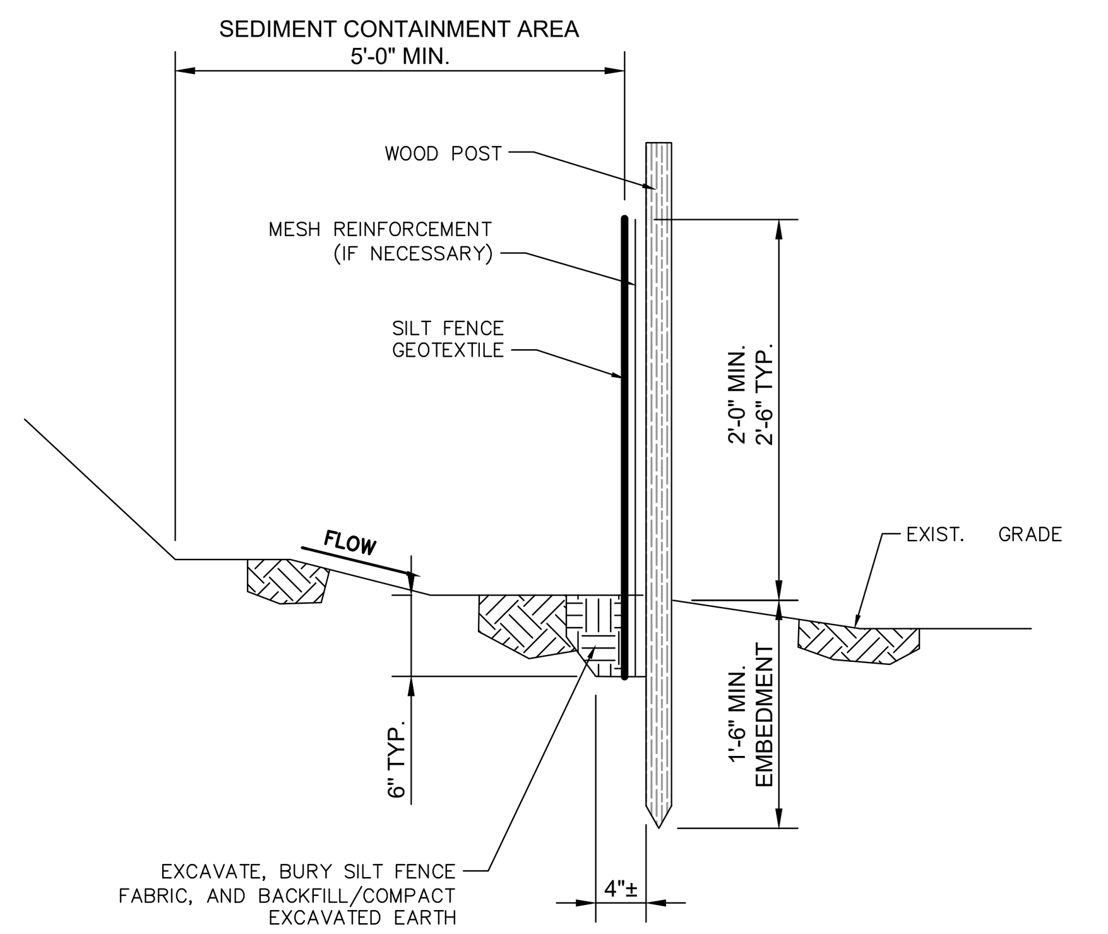


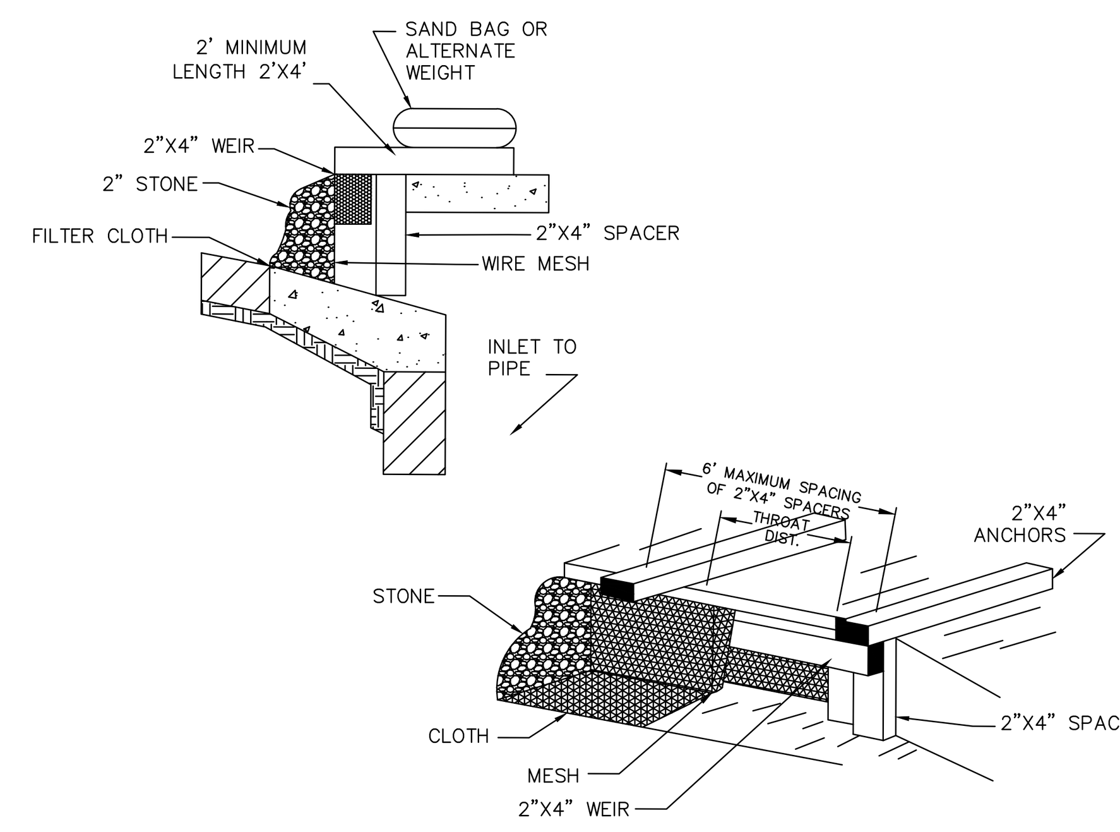
SYNTHETIC SILT FENCE DETAIL

N.T.S.

NOTES

1. SILT FENCE ASSEMBLIES SHALL BE PLACED A MINIMUM OF 5.0 FEET FROM THE TOE OF SLOPE, 10.0 FEET PREFERRED, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
2. USE A SILT FENCE GEOTEXTILE MATERIAL FROM THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION APPROVED LIST OF GEOSYNTHETICS FOR HIGHWAY CONSTRUCTION.
3. POSTS MAY BE 2"X2" (MIN.) HARDWOOD OR 2"x4" (MIN.) SOFTWOOD, POSTS SHALL BE SPACED AT EITHER 4.0 FEET OR 6.5 FEET AND MAY OR MAY NOT REQUIRE MESH REINFORCEMENT AS PER NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
4. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURED HEIGHT. SEDIMENT SHALL BE DISPOSED OF BY THE CONTRACTOR.

DETAIL "A"



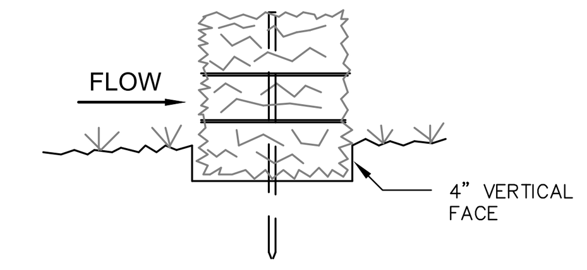
CURB INLET PROTECTION DETAIL

N.T.S.

NOTES

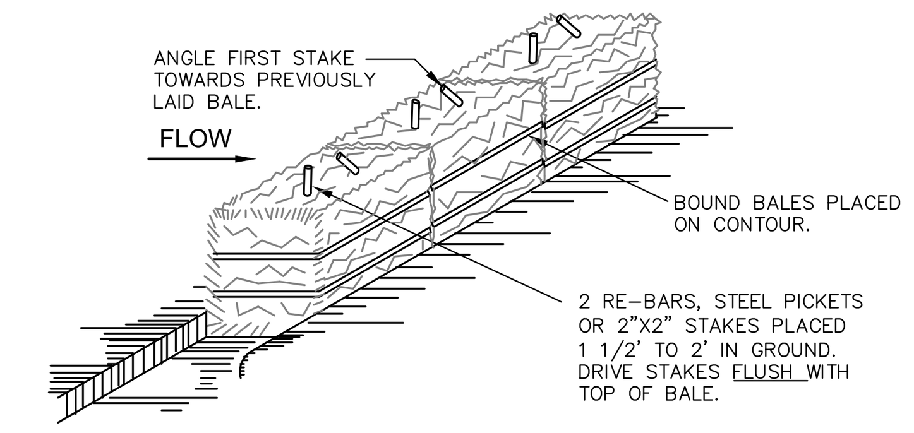
1. FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE (AOS) OF 40–85.
2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2'–4' CONSTRUCTION GRADE LUMBER.
3. WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30 INCH MINIMUM WIDTH WITH A LENGTH 4 FEET LONGER THAN THE THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO A 2'X4' WEIR.
4. THE WEIR SHALL BE SECURELY NAILED TO A 2'X4' SPACERS 9 INCHES LONG SPACED MO MORE THAN 6 FEET APART.
5. THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2'X4' ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHTS.

DETAIL "B"



BEDDING DETAIL
NOT TO SCALE

DRAINAGE AREA NO MORE THAN 1/4 ACRE PER 100 FEET OF STRAW BALE DIKE FOR SLOPES LESS THAN 25%.



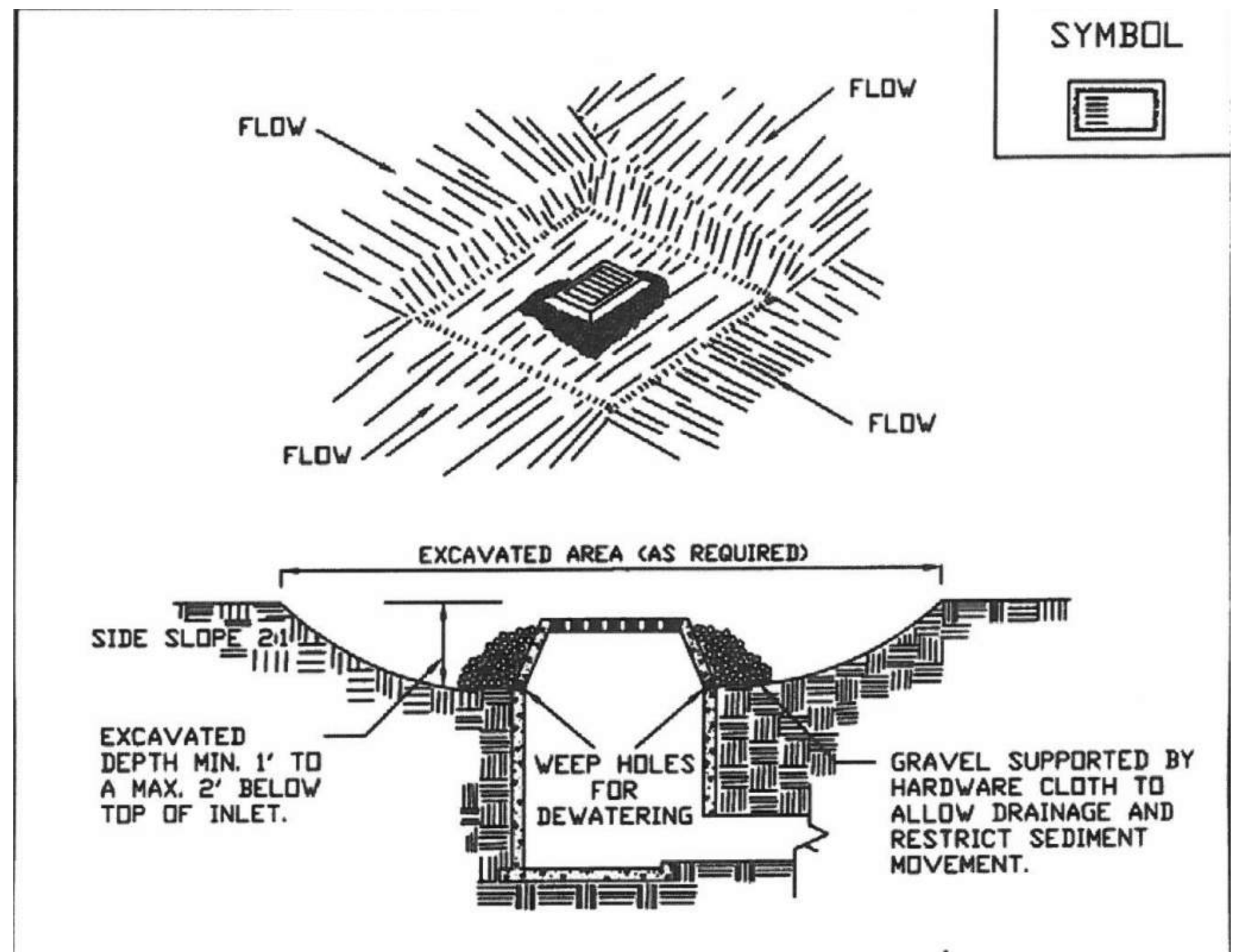
ANCHORING DETAIL
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULLNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	STRAW BALE DIKE

DETAIL "C"



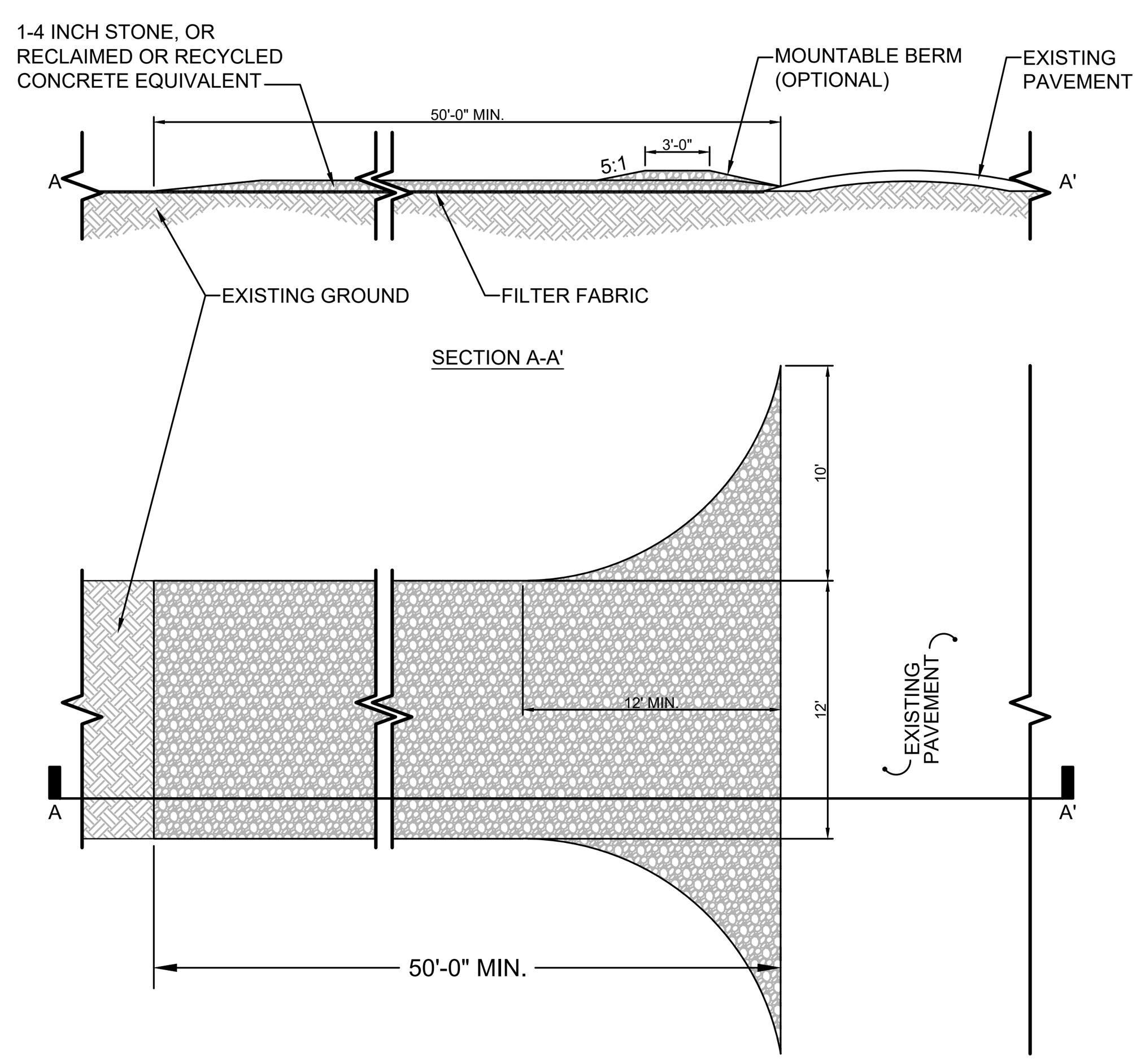
CONSTRUCTION SPECIFICATIONS

1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.

MAXIMUM DRAINAGE AREA 1 ACRE

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	EXCAVATED DROP INLET PROTECTION

DETAIL "D"

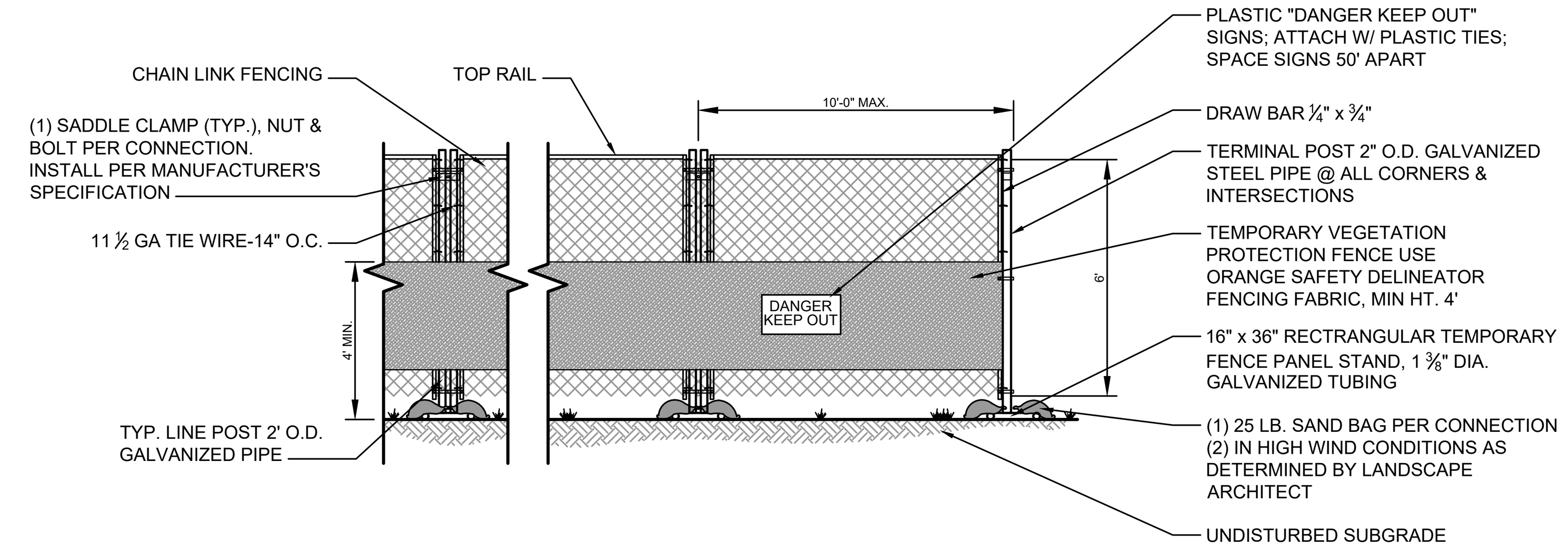


NOTES:
1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRACE TO SITE.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRACE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENTS SPILLED DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

STABILIZED CONSTRUCTION ENTRANCE — 1

N.T.S.

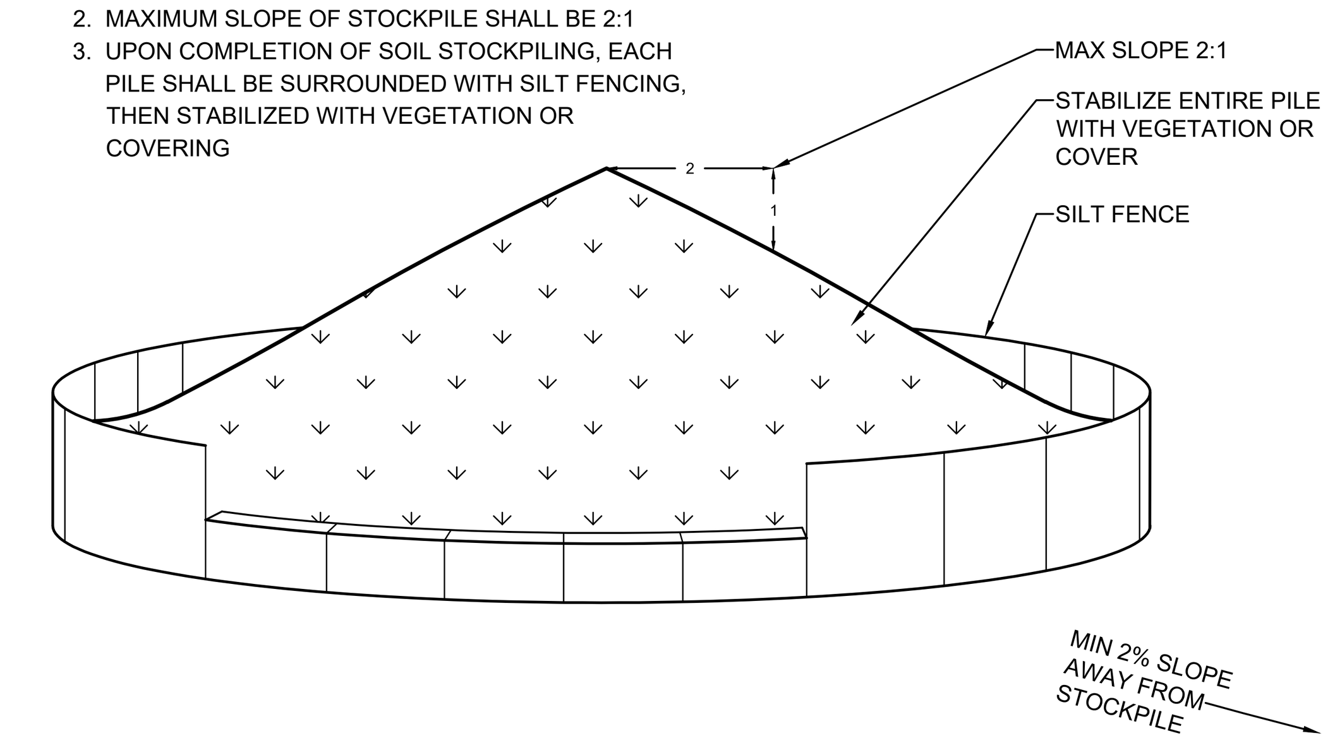
NOTES:
1. ALL WIRE FABRIC AND FENCE HARDWARE SHALL HAVE BLACK VINYL COATING
2. FABRIC AND SIGNS SHALL BE INSTALLED ON THE OUTSIDE OF FENCE
3. ORANGE FENCE SHALL BE ATTACHED TO CHAIN LINK FENCE WITH PLASTIC TIES



CONSTRUCTION LIMIT FENCING — 2

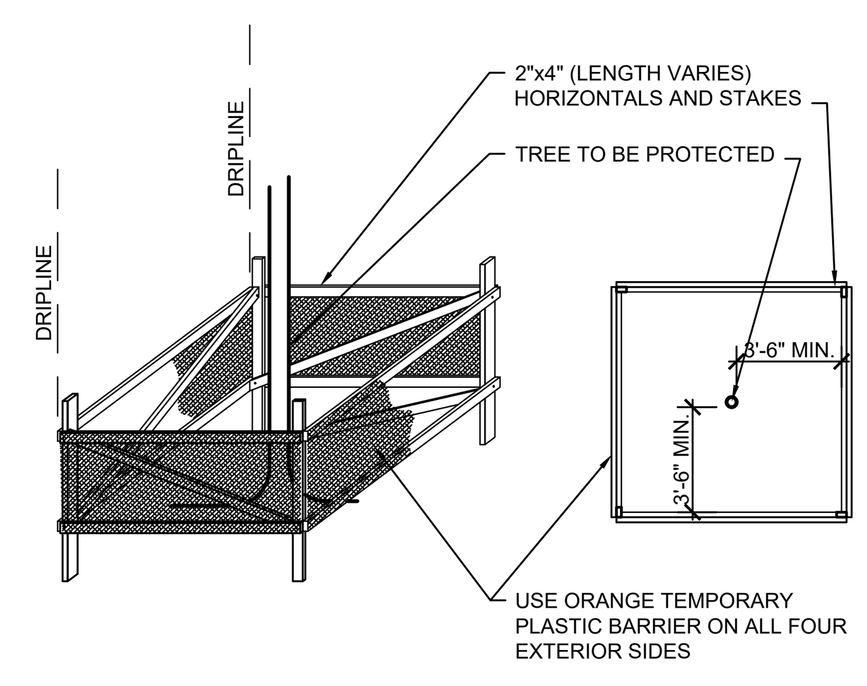
N.T.S.

NOTES:
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERING



SOIL STOCKPILING — 3

N.T.S.



NOTES:

1. DISTANCE OR LOCATION SHALL BE AS SHOWN ON PLANS.
2. TREE GUARD SHALL ENCLOSE INDIVIDUAL TREES AND/OR GROUPS OF MULTIPLE TREES. ENGINEER AND CONSULTING ISA CERTIFIED ARBORIST SHALL VERIFY IN FIELD.
3. TREE GUARDS SHALL BE PLACED AT THE DRIPLINE OF THE TREE. IF CONDITIONS DO NOT ALLOW, THE TREE GUARDS SHALL BE PLACED AS CLOSE TO THE DRIPLINE AS POSSIBLE WITH A MINIMUM SEPARATION FROM THE TREE TRUNK OF 3.5'. LOCATION OF TEMPORARY WOODEN TREE GUARD SHALL BE APPROVED BY THE CONSULTING ISA CERTIFIED ARBORIST.
4. ALL TREE PROTECTION SHALL BE INSTALLED AS SHOWN ON PLANS PRIOR TO THE START OF ANY CONSTRUCTION WORK AND APPROVED BY THE ENGINEER IN CONSULTATION WITH THE CERTIFIED ARBORIST (AND NYCDPR AS APPROPRIATE).

TREE PROTECTION FENCING - TYP. — 4

N.T.S.

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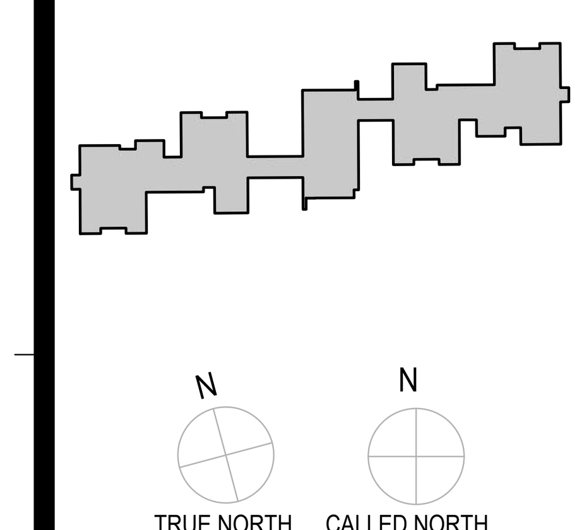
Project Key



Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL
500 Circle Road
Stony Brook, New York 11790

Drawing Title
EROSION CONTROL DETAILS

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
STATE OF NEW YORK — ALAN FOX — 091240 — LICENSED PROFESSIONAL ENGINEER

Date	10/29/2024
PAGE Project No	1018037.01
Scale	AS INDICATED
Designed by	HR
Drawn by	JM
Checked by	AF

C508
Drawing Number

LANDSCAPE NOTES

1. PRIOR TO THE START OF CONSTRUCTION, TREE PROTECTION AND EROSION CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH DETAILS PROVIDED ON SHEET L-508. TREE PROTECTION SHALL REMAIN INTACT UNTIL CONSTRUCTION IS COMPLETE.

2. ALL TREES IDENTIFIED TO RECEIVE TREE PROTECTION AND WOOD TREE GUARDS ARE TO RECEIVE PREPARATORY PRUNING. PREPARATORY PRUNING WORK SHALL BE PERFORMED WHEN DIRECTED BY THE LANDSCAPE ARCHITECT. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ANSI A300 STANDARDS AND BY AN ISA CERTIFIED ARBORIST.

3. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF EXISTING TREES. BULK MATERIAL, EQUIPMENT, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE DRIPLINE OF ANY TREE, OR WITHIN 10 FT. OF THE TRUNK (WHICHEVER IS GREATER) TO MINIMIZE SURFACE AND SUBSURFACE ROOT AND SOIL COMPACTION. THIS APPLIES TO ALL AREAS WITHIN OR OUTSIDE THE CONTRACT LIMIT LINE.

4. IF STOCKPILING OCCURS WITHIN THE DRIPLINE, A STOP WORK ORDER SHALL BE ISSUED IMMEDIATELY. WORK SHALL NOT RE-COMMENCE UNTIL ALL STOCKPILED MATERIAL IS REMOVED FROM THE ZONE AND TREE REMEDIATION IS SATISFIED.

5. THE CONTRACTOR IS RESPONSIBLE FOR THE FULL AND COMPLETE RESTORATION OF ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION AS WELL AS THOSE AREAS OUTSIDE THE CONTRACT LIMITS WHICH MAY HAVE BEEN DISTURBED FOR ANY REASON BY THE CONTRACTOR OR HIS/HER SUBCONTRACTORS.

6. UNLESS OTHERWISE NOTED, ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.

7. IN THE EVENT OF VARIATIONS BETWEEN THE WRITTEN QUANTITIES SHOWN ON THE PLANS AND IN THE TABLES, THE PLAN SHEETS SHALL TAKE PRECEDENCE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES PRIOR TO THE START OF WORK. ALL DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT AND STONY BROOK UNIVERSITY PRIOR TO BIDDING.

8. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR THE STABILITY AND CONDITION OF ALL MATERIAL AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF ANY MATERIALS.

9. ALL MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE LANDSCAPE ARCHITECT AT EACH OF THE FOLLOWING: PRIOR TO DELIVERY TO THE SITE, ON-SITE PRIOR TO INSTALLATION, FOLLOWING INSTALLATION, AT ANY TIME DURING THE GUARANTEE PERIOD, AND AT THE COMPLETION OF THE GUARANTEE PERIOD. THE LANDSCAPE ARCHITECT MAY REJECT ANY AND ALL MATERIALS AT ANY TIME FROM DELIVERY THROUGH THE END OF THE GUARANTEE PERIOD.

10. CONTRACTOR SHALL LAYOUT AND STAKE IN THE FIELD THE EXTENTS OF THE PROPOSED WORK. ADJUSTMENTS MAY BE MADE ONLY AS DIRECTED BY THE LANDSCAPE ARCHITECT. CONTRACTOR MAY NOT PROCEED WITH CONSTRUCTION OF IMPROVEMENTS UNTIL HE HAS RECEIVED THE FINAL APPROVAL OF THE LAYOUT FROM THE LANDSCAPE ARCHITECT.

11. ANY DAMAGE TO EXISTING TREES DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL MITIGATE SUCH DAMAGED TREES TO THE SATISFACTION OF STONY BROOK UNIVERSITY, AT THE CONTRACTOR'S EXPENSE.

12. ANY EXCAVATION WITHIN THE DRIPLINE OF EXISTING TREES, AS INDICATED ON DEMOLITION PLAN, OR ELSEWHERE ON SITE, SHALL BE DONE BY HAND OR PNEUMATIC EXCAVATION AND IN THE PRESENCE OF THE LANDSCAPE ARCHITECT.

13. THE EXCAVATION AREA WITHIN THE DRIPLINE SHALL BE BACKFILLED IMMEDIATELY AND/OR ROOTS SHALL BE KEPT CONSTANTLY MOIST WITH BURLAP COVERED WITH WHITE PLASTIC AND CHECKED A MINIMUM OF TWO (2) TIMES A DAY, ONCE IN THE MORNING AND ONCE IN THE AFTERNOON, FOR A MAXIMUM OF FORTY-EIGHT (48) HOURS, UNTIL BACKFILL IS COMPLETE.

14. ROOTS OVER ONE (1") INCH IN DIAMETER SHALL NOT BE CUT WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.

15. IF ROOTS ARE TO BE EXPOSED FOR A PERIOD GREATER THAN 48-HOURS, THE EXPOSED AREA SHALL BE COVERED WITH AT LEAST 6-INCHES MULCH AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNTIL THE AREA CAN BE PROPERLY BACKFILLED.

16. ALL REMOVALS UNDER TREE CANOPIES SHALL BE REMOVED BY HAND.

PLANTING NOTES

1. CONTRACTOR SHALL INSPECT THE SITE PRIOR TO BEGINNING PLANTING OPERATIONS AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONDITIONS THAT WOULD PREVENT HEALTHY GROWTH OF PLANT MATERIAL.

2. PLANT GROUPINGS & LOCATIONS ARE DIAGRAMMATIC. PRIOR TO PLANTING CONTRACTOR SHALL STAKE THE LOCATION OF ALL PLANTS IN THE FIELD FOR IN THE FIELD APPROVAL BY THE LANDSCAPE ARCHITECT.

3. ALL QUANTITIES, SHAPES OF BEDS AND LOCATIONS SHALL BE VERIFIED AND ADJUSTED AS REQUIRED TO CONFORM TO THE EXACT CONDITIONS OF THE SITE. APPROVAL MUST BE GIVEN BY THE LANDSCAPE ARCHITECT PRIOR TO DIGGING.

4. ALL PLANTS IN THE SAME PLANTING BED SHALL BE INSTALLED AT THE SAME TIME. ANY PLANTS REMAINING UNPLANTED ON THE SITE FOR MORE THAN 24 HRS. SHALL BE PROTECTED AND MAINTAINED INCLUDING BUT NOT LIMITED TO WATER AND SHADE. ANY DAMAGED PLANTS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

5. NO TREES ARE TO BE PLANTED OVER EXISTING SEWERS, WATER MAINS, MANHOLES AND ELECTRICAL BOXES. MINIMUM SEPARATION DISTANCE FROM SUCH UTILITIES TO PLANT PIT SHALL BE 3 FEET.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MULCHES AND PLANTING SOIL QUANTITIES TO COMPLETE THE WORK SHOWN ON THE PLAN. VERIFY ALL QUANTITIES SHOWN ON THE PLANT SCHEDULE.

7. THE PLAN TAKES PRECEDENCE OVER THE PLANT SCHEDULE IF ANY QUANTITY DISCREPANCIES EXIST. THE SPECIFICATIONS TAKE PRECEDENCE OVER THE PLANTING NOTES AND GENERAL NOTES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES PRIOR TO THE START OF WORK. ALL DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.

8. THE CONTRACTOR SHALL FURNISH ALL PLANT MATERIAL IN SIZES AND TYPE AS SPECIFIED IN THE PLANT SCHEDULE. THERE WILL BE NO SUBSTITUTIONS OF PLANT MATERIALS WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT.

9. ALL PLANT MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE LANDSCAPE ARCHITECT AT EACH OF THE FOLLOWING: PRIOR TO DELIVERY TO THE SITE, ON-SITE PRIOR TO INSTALLATION, FOLLOWING INSTALLATION, AT ANY TIME DURING THE GUARANTEE PERIOD, AND AT THE COMPLETION OF THE GUARANTEE PERIOD. THE LANDSCAPE ARCHITECT MAY REJECT ANY AND ALL MATERIALS AT ANY TIME FROM DELIVERY THROUGH THE END OF THE GUARANTEE PERIOD.

10. FOR PLANTING SEASONS SEE LANDSCAPE DEVELOPMENT SPECIFICATION FOR TREES AND SHRUBS. PLANTING SEASON FOR GROUNDCOVER: MARCH 1 - APRIL 20 AND SEPTEMBER 1 - OCTOBER 15. ANY DEVIATION FROM THESE SEASON CONSTRAINTS MUST BE APPROVED IN WRITING BY STONY BROOK UNIVERSITY AND THE ENGINEER AND ISA CERTIFIED ARBORIST. FOR DECIDUOUS PLANTS IN THE FALL, PLANTING MAY ONLY OCCUR WHEN THE AIR TEMPERATURE IS LIKELY TO REMAIN ABOVE 32 DEGREES F. FOR 7 DAYS AFTER PLANTING, AND WHEN THE SOIL IS NOT FROZEN. FOR EVERGREENS IN SPRING, PLANTING MUST OCCUR BEFORE THE START OF NEW GROWTH. FOR ALL PLANTS IN THE SPRING, EXTENSION OF THE PLANTING SEASON WILL NOT BE PERMITTED WHEN DAYTIME TEMPERATURES FOR THE PLANTING LOCATION ARE FORECASTED TO EXCEED 70 DEGREES F WITHIN 7 DAYS AFTER PLANTING.

11. WATERING OF ALL SEEDED AREAS AND PLANTINGS SHALL OCCUR AS FOLLOWS:

ALL PLANTING OR SEEDING	FREQUENCY OF WATER
FIRST AND SECOND WEEK	DAILY (MONDAY-FRIDAY)
THIRD WEEK	MONDAY, WEDNESDAY, FRIDAY
WEEKS 4-12	MONDAY AND FRIDAY
WEEKS 13-52 OR DURATION OF THE CONTRACT, WHICHEVER IS LONGER	ONCE PER WEEK

WATERING SHALL BE APPLIED AT THE FOLLOWING RATES:

TURF, WILDFLOWERS, PLANTING BEDS: BETWEEN APRIL 1ST AND NOVEMBER 15TH, IN THE ABSENCE OF 1-INCH OF RAINFALL WITHIN 5 CONSECUTIVE CALENDAR DAYS, THE CONTRACTOR SHALL WATER ALL TURF, WILDFLOWERS, SOD AND PLANTING BEDS ONCE A WEEK TO A DEPTH OF 1-INCH.

TREES AND PLANTING PITS: BETWEEN APRIL 1ST AND NOVEMBER 15TH, IN THE ABSENCE OF 1-INCH OF RAINFALL WITHIN 5 CONSECUTIVE CALENDAR DAYS, THE CONTRACTOR SHALL APPLY WATER TO TREES AND PLANTING PITS ONCE PER WEEK, EXCEPT DURING JULY AND AUGUST, WHEN WATER SHALL BE APPLIED TWICE PER WEEK, WITH A MINIMUM OF 2 DAYS BETWEEN APPLICATIONS. SOIL SAUCERS OR PORTABLE DRIP IRRIGATION SYSTEMS SHALL BE FILLED ONCE PER WATERING.

12. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE. PLANT MATERIALS SHALL BE PROTECTED AND MAINTAINED UNTIL THE INSTALLATION OF PLANTINGS IS COMPLETE, INSPECTION HAS BEEN MADE AND PLANTING IS ACCEPTED EXCLUSIVE OF THE GUARANTEE. MAINTENANCE SHALL INCLUDE WATERING, CULTIVATING, MULCHING, REMOVAL OF DEAD MATERIAL, RESETTING PLANTS TO PROPER GRADE AND KEEPING PLANTS IN A PLUMB POSITION.

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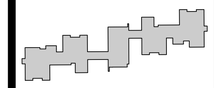

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Revisions

Rev	Description	Date

Client
Stony Brook University

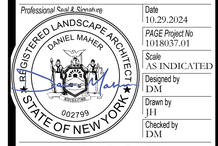
Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
LANDSCAPE NOTES

Phase
CONSTRUCTION DOCUMENTS

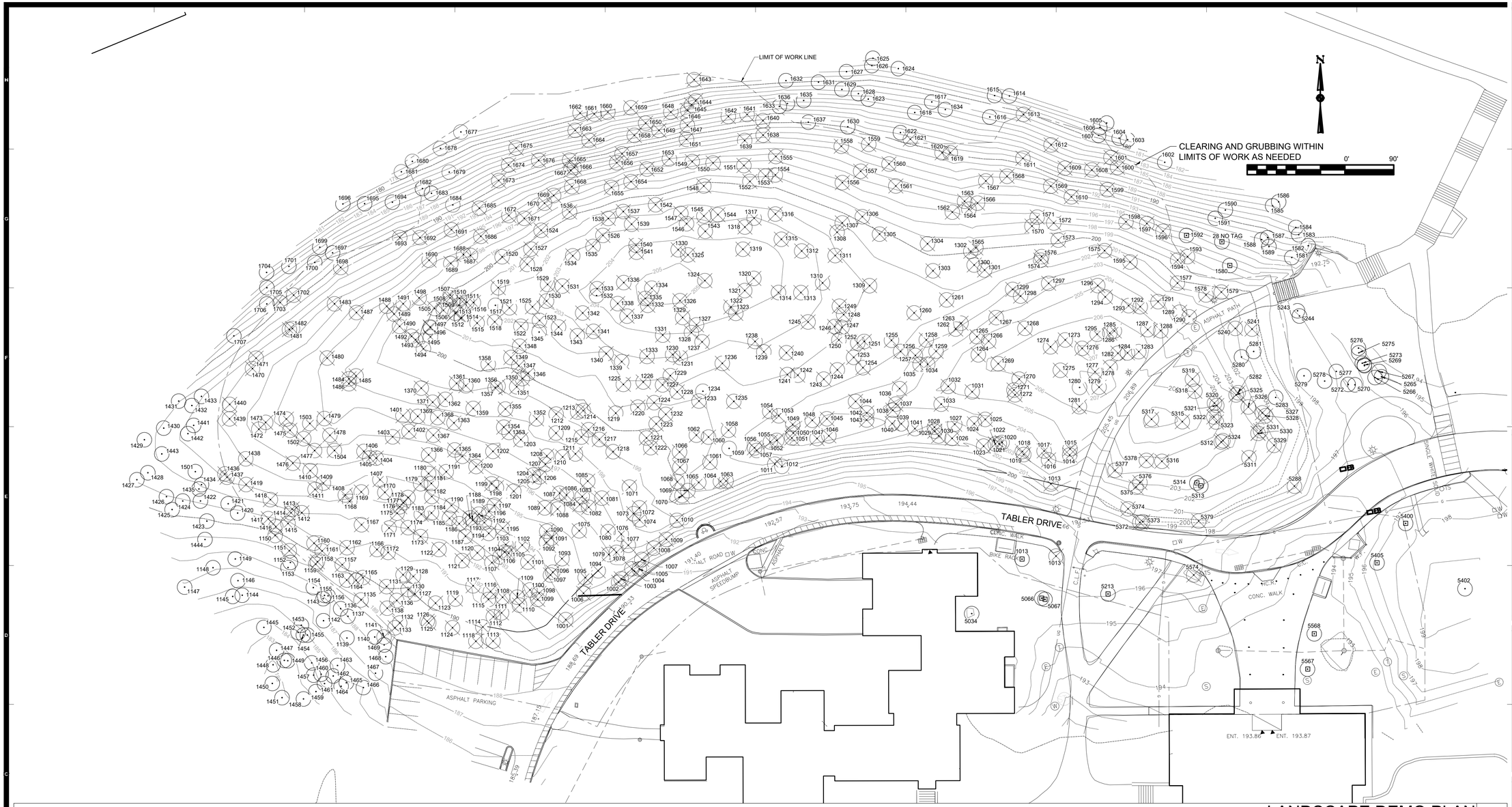
Professional Seal & Signature



Date	10.29.2024
PAGE Project No	1018037.01
Scale	AS INDICATED
Designed by	DM
Drawn by	JH
Checked by	DM

L100
Drawing Number

O:\1068.001.00 - SUNY SB Tabler Quad New Residence Hall\12 Drawings\12B Reference Drawings\L000-Landscape Notes.dwg



LANDSCAPE DEMO PLAN

1" = 30'-0"

1

LEGEND

- LIMIT OF WORK LINE (L.O.W.)
- 00 / L500 — IMPACTED ROOT ZONE HAND EXCAVATION WITHIN CRITICAL ROOT ZONE
- 0000 — EXISTING TREE TO REMAIN
- 4 / C508 — TEMPORARY WOODEN TREE GUARD
- 0000 — TREE TO BE REMOVED

NOTES

1. SEE GENERAL NOTES ON DRAWING L100 AND C100 FOR ADDITIONAL INFORMATION
2. SEE DRAWING C-103 FOR REMOVALS AND EROSION CONTROL PLAN.

Page/

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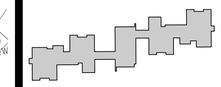

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Revisions

Rev	Description	Date

Client

Stony Brook University

Project Title

TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
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Drawing Title

LANDSCAPE DEMO PLAN

Phase

CONSTRUCTION DOCUMENTS

Professional Seal & Signature

REGISTERED LANDSCAPE ARCHITECT — DANIEL MAHER — 002799 — STATE OF NEW YORK

Date	10.29.2024
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Drawn by	IH
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L101

Drawing Number

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TREE NO.	SPECIES	COMMON NAME	D.B.H. (INCHES)	CROWN WIDTH (FT)	CONDITION	DESIGN REMOVALS
1001	*QUERCUS RUBRA*	OAK, NORTHERN RED	12	45	GOOD	x
1002	*SASSAFRAS ALBIDUM*	SASSAFRAS	6	30	POOR	x
1003	*SASSAFRAS ALBIDUM*	SASSAFRAS	7	40	POOR	x
1004	*SASSAFRAS ALBIDUM*	SASSAFRAS	7.5	45	POOR	x
1005	*SASSAFRAS ALBIDUM*	SASSAFRAS	6	45	POOR	x
1006	*QUERCUS RUBRA*	OAK, NORTHERN RED	4	35	GOOD	x
1007	*QUERCUS RUBRA*	OAK, NORTHERN RED	4	30	GOOD	x
1008	*SASSAFRAS ALBIDUM*	SASSAFRAS	7	40	POOR	x
1009	*QUERCUS RUBRA*	OAK, NORTHERN RED	9	45	GOOD	x
1010	*QUERCUS RUBRA*	OAK, NORTHERN RED	6	28	FAIR	x
1011	*PINUS STROBUS*	PINE, EASTERN WHITE	9	27	EXCELLENT	x
1012	*QUERCUS RUBRA*	OAK, NORTHERN RED	9.5	48	FAIR	x
1013	*PRUNUS SEROTINA*	CHERRY, BLACK	11, 5	45	GOOD	
1014	*SASSAFRAS ALBIDUM*	SASSAFRAS	7	25	POOR	x
1015	*SASSAFRAS ALBIDUM*	SASSAFRAS	9	42	POOR	x
1016	*PRUNUS SEROTINA*	CHERRY, BLACK	15	48	FAIR	x
1017	*PRUNUS SEROTINA*	CHERRY, BLACK	11	48	FAIR	x
1018	*QUERCUS ALBA*	OAK, WHITE	20	60	GOOD	x
1019	*SASSAFRAS ALBIDUM*	SASSAFRAS	5	25	POOR	x
1020	*SASSAFRAS ALBIDUM*	SASSAFRAS	4	25	POOR	x
1021	*SASSAFRAS ALBIDUM*	SASSAFRAS	10	48	FAIR	x
1022	*QUERCUS RUBRA*	OAK, NORTHERN RED	24	65	EXCELLENT	x
1023	*SASSAFRAS ALBIDUM*	SASSAFRAS	8	35	FAIR	x
1024	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	4	28	GOOD	x
1025	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	4	28	FAIR	x
1026	*QUERCUS RUBRA*	OAK, NORTHERN RED	24	65	EXCELLENT	x
1027	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	4,2	30	GOOD	x
1028	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	4,3	30	GOOD	x
1029	*QUERCUS RUBRA*	OAK, NORTHERN RED	8	40	POOR	x
1030	*ACER SACCHARUM*	MAPLE, SUGAR	4	35	GOOD	x
1031	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	4,2	23	GOOD	x
1032	*ACER SACCHARUM*	MAPLE, SUGAR	4	30	FAIR	x
1033	*QUERCUS RUBRA*	OAK, NORTHERN RED	15	60	GOOD	x
1034	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	4	30	GOOD	x
1035	*QUERCUS RUBRA*	OAK, NORTHERN RED	21	55	GOOD	x
1036	*CARYA GLABRA*	HICKORY, PIGNUT	4.5	25	FAIR	x
1037	*CARYA GLABRA*	HICKORY, PIGNUT	18	35	POOR	x
1038	*CARYA GLABRA*	HICKORY, PIGNUT	8	40	GOOD	x
1039	*CELTIS OCCIDENTALIS*	HACKBERRY	6	20	DEAD	x
1040	*SASSAFRAS ALBIDUM*	SASSAFRAS	7	30	GOOD	x
1041	*CELTIS OCCIDENTALIS*	HACKBERRY	5	15	DEAD	x
1042	*BETULA LENTA*	BIRCH, SWEET	10.5	40	GOOD	x
1043	*ACER SACCHARUM*	MAPLE, SUGAR	11,9,5	30	FAIR	x
1044	*QUERCUS ALBA*	OAK, WHITE	14	50	GOOD	x
1045	*QUERCUS RUBRA*	OAK, NORTHERN RED	30	65	EXCELLENT	x
1046	*ACER SACCHARUM*	MAPLE, SUGAR	5,4	30	GOOD	x
1047	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	35	FAIR	x
1048	*ILEX OPACA*	HOLLY, AMERICAN	3.5	12	GOOD	x
1049	*BETULA LENTA*	BIRCH, SWEET	8	35	GOOD	
1050	*CARYA GLABRA*	HICKORY, PIGNUT	8	40	GOOD	
1051	*CARYA GLABRA*	HICKORY, PIGNUT	5.5	22	GOOD	
1052	*CARYA GLABRA*	HICKORY, PIGNUT	3.5	18	GOOD	
1053	*CARYA GLABRA*	HICKORY, PIGNUT	7.5	30	GOOD	
1054	*ACER SACCHARUM*	MAPLE, SUGAR	8	35	GOOD	x
1055	*SASSAFRAS ALBIDUM*	SASSAFRAS	5	28	GOOD	x
1056	*BETULA LENTA*	BIRCH, SWEET	11	45	FAIR	x
1057	*PRUNUS SEROTINA*	CHERRY, BLACK	3.5	12	FAIR	x
1058	*QUERCUS RUBRA*	OAK, NORTHERN RED	14,15,15	55	GOOD	x
1059	*ACER SACCHARUM*	MAPLE, SUGAR	3.5	22	GOOD	x
1060	*BETULA LENTA*	BIRCH, SWEET	10	35	POOR	x
1061	*BETULA LENTA*	BIRCH, SWEET	16	50	GOOD	x
1062	*QUERCUS RUBRA*	OAK, NORTHERN RED	9	55	GOOD	x
1063	*QUERCUS RUBRA*	OAK, NORTHERN RED	6	25	FAIR	x
1064	*PINUS STROBUS*	PINE, EASTERN WHITE	7	15	FAIR	x
1065	*QUERCUS RUBRA*	OAK, NORTHERN RED	15	50	GOOD	x
1066	*BETULA LENTA*	BIRCH, SWEET	12	40	FAIR	x
1067	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	50	GOOD	x
1068	*SASSAFRAS ALBIDUM*	SASSAFRAS	7	25	FAIR	x
1069	*CARYA GLABRA*	HICKORY, PIGNUT	6	25	FAIR	x
1070	*SASSAFRAS ALBIDUM*	SASSAFRAS	4	15	DEAD	x
1071	*QUERCUS RUBRA*	OAK, NORTHERN RED	16,17,14,14	60	GOOD	x
1072	*SASSAFRAS ALBIDUM*	SASSAFRAS	8	30	FAIR	x
1073	*QUERCUS RUBRA*	OAK, NORTHERN RED	9,16,21	60	GOOD	x
1074	*QUERCUS ALBA*	OAK, WHITE	8,7,3	30	GOOD	x
1075	*PINUS STROBUS*	PINE, EASTERN WHITE	3	12	GOOD	x
1076	*SASSAFRAS ALBIDUM*	SASSAFRAS	10	30	FAIR	x
1077	*SASSAFRAS ALBIDUM*	SASSAFRAS	5	25	FAIR	x
1078	*QUERCUS ALBA*	OAK, WHITE	6	25	GOOD	x
1079	*QUERCUS RUBRA*	OAK, NORTHERN RED	4	25	GOOD	x
1080	*CARYA GLABRA*	HICKORY, PIGNUT	5.5	30	FAIR	x
1081	*CARYA GLABRA*	HICKORY, PIGNUT	5,2	30	FAIR	x
1082	*CARYA GLABRA*	HICKORY, PIGNUT	13	40	POOR	x
1083	*BETULA LENTA*	BIRCH, SWEET	7	40	FAIR	x
1084	*CARYA GLABRA*	HICKORY, PIGNUT	8,8,11	25	DEAD	x
1085	*BETULA LENTA*	BIRCH, SWEET	6	40	FAIR	x
1086	*BETULA LENTA*	BIRCH, SWEET	3.5	35	GOOD	x
1087	*BETULA LENTA*	BIRCH, SWEET	4.5	30	GOOD	x
1088	*BETULA LENTA*	BIRCH, SWEET	6.5	40	GOOD	x
1089	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	55	GOOD	x
1090	*BETULA LENTA*	BIRCH, SWEET	8	45	FAIR	x
1091	*BETULA LENTA*	BIRCH, SWEET	6.5	35	FAIR	x
1092	*BETULA LENTA*	BIRCH, SWEET	9	55	GOOD	x
1093	*QUERCUS RUBRA*	OAK, NORTHERN RED	7	35	FAIR	x
1094	*QUERCUS RUBRA*	OAK, NORTHERN RED	21	60	GOOD	x
1095	*BETULA LENTA*	BIRCH, SWEET	6,6	20	POOR	x
1096	*QUERCUS RUBRA*	OAK, NORTHERN RED	9.5	45	FAIR	x
1097	*QUERCUS RUBRA*	OAK, NORTHERN RED	8	45	FAIR	x
1098	*QUERCUS RUBRA*	OAK, NORTHERN RED	10	50	FAIR	x
1099	*QUERCUS RUBRA*	OAK, NORTHERN RED	16	55	GOOD	x
1100	*QUERCUS RUBRA*	OAK, NORTHERN RED	4,2	15	DEAD	x
1101	*BETULA LENTA*	BIRCH, OTHER	6	35	GOOD	x
1102	*QUERCUS RUBRA*	OAK, NORTHERN RED	7.5	50	GOOD	x
1103	*BETULA LENTA*	BIRCH, SWEET	9.5	45	FAIR	x
1104	*BETULA LENTA*	BIRCH, SWEET	8	50	GOOD	x
1105	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	3.5	12	POOR	x
1106	*QUERCUS RUBRA*	OAK, NORTHERN RED	10.5	55	GOOD	x
1107	*SASSAFRAS ALBIDUM*	SASSAFRAS	5.5	30	FAIR	x
1108	*QUERCUS RUBRA*	OAK, NORTHERN RED	3.5	30	FAIR	x
1109	*QUERCUS RUBRA*	OAK, NORTHERN RED	6	30	FAIR	x
1110	*QUERCUS RUBRA*	OAK, NORTHERN RED	9	40	POOR	x
1111	*BETULA LENTA*	BIRCH, SWEET	8.5	28	FAIR	x
1112	*BETULA LENTA*	BIRCH, SWEET	5, 6, 5	30	FAIR	x
1113	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	45	FAIR	x
1114	*BETULA LENTA*	BIRCH, SWEET	7, 5	35	POOR	x
1115	*QUERCUS RUBRA*	OAK, NORTHERN RED	10	50	GOOD	x
1116	*BETULA LENTA*	BIRCH, SWEET	5	25	POOR	x
1117	*PRUNUS SEROTINA*	CHERRY, BLACK	7.5	45	DEAD	x
1118	*QUERCUS RUBRA*	OAK, NORTHERN RED	16	60	FAIR	x
1119	*BETULA LENTA*	BIRCH, SWEET	14	35	POOR	x
1120	*BETULA LENTA*	BIRCH, SWEET	9.5	45	GOOD	x
1121	*BETULA LENTA*	BIRCH, SWEET	12.5	50	GOOD	x
1122	*CARYA GLABRA*	HICKORY, PIGNUT	12.5	55	GOOD	x
1123	*QUERCUS RUBRA*	OAK, NORTHERN RED	11.5	45	FAIR	x
1124	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	5	25	FAIR	x
1125	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	3.5	20	FAIR	x
1126	*QUERCUS RUBRA*	OAK, NORTHERN RED	4	18	FAIR	x
1127	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	10.5	55	GOOD	x
1128	*QUERCUS RUBRA*	OAK, NORTHERN RED	19	60	FAIR	x
1129	*BETULA LENTA*	BIRCH, SWEET	7	45	EXCELLENT	x
1130	*CARYA GLABRA*	HICKORY, PIGNUT	5.5	40	GOOD	x
1131	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	65	FAIR	x
1132	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	5.5	30	FAIR	x
1133	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	12	40	POOR	x
1134	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	4.5	22	FAIR	
1135	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	12	50	FAIR	x
1136	*ILEX OPACA*	HOLLY, AMERICAN	4	15	GOOD	x
1137	*QUERCUS RUBRA*	OAK, NORTHERN RED	4	25	FAIR	
1138	*ILEX OPACA*	HOLLY, AMERICAN	5	28	GOOD	x
1139	*CARYA GLABRA*	HICKORY, PIGNUT	10,3	45	GOOD	x
1140	*PRUNUS SEROTINA*	CHERRY, BLACK	6.5	25	POOR	x
1141	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	11.5	45	POOR	x
1142	*BETULA LENTA*	BIRCH, SWEET	7	20	DEAD	x
1143	*BETULA LENTA*	BIRCH, SWEET	12	50	FAIR	
1144	*CARYA GLABRA*	HICKORY, PIGNUT	19	55	GOOD	x
1145	*ACER SACCHARUM*	MAPLE, SUGAR	9	45	GOOD	x
1146	*ACER SACCHARUM*	MAPLE, SUGAR	4	25	GOOD	x
1147	*BETULA LENTA*	BIRCH, SWEET	17	60	GOOD	x
1148	*ACER SACCHARUM*	MAPLE, SUGAR	7.5	35	FAIR	x
1149	*QUERCUS RUBRA*	OAK, NORTHERN RED	29	60	GOOD	x
1150	*ACER SACCHARUM*	MAPLE, SUGAR	4	30	GOOD	x
1151	*CARYA GLABRA*	HICKORY, PIGNUT	9	50	GOOD	x
1152	*CARYA GLABRA*	HICKORY, PIGNUT	12	50	GOOD	
1153	*CARYA GLABRA*	HICKORY, PIGNUT	6	30	FAIR	
1154	*BETULA LENTA*	BIRCH, SWEET	11.5	45	FAIR	
1155	*BETULA LENTA*	BIRCH, SWEET	7	30	FAIR	
1156	*ILEX OPACA*	HOLLY, AMERICAN	6	20	GOOD	
1157	*ILEX OPACA*	HOLLY, AMERICAN	6,6	25	GOOD	x
1158	*BETULA LENTA*	BIRCH, SWEET	8.5	45	FAIR	x
1159	*BETULA LENTA*	BIRCH, SWEET	4	25	GOOD	x
1160	*BETULA LENTA*	BIRCH, SWEET	5,9	45	GOOD	x
1161	*BETULA LENTA*	BIRCH, SWEET	7.5	35	POOR	x
1162	*BETULA LENTA*	BIRCH, SWEET	7,10	50	GOOD	x
1163	*CARYA GLABRA*	HICKORY, PIGNUT	14	55	GOOD	x
1164	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	9	45	POOR	x
1165	*BETULA LENTA*	BIRCH, SWEET	6.5	35	GOOD	x
1166	*BETULA LENTA*	BIRCH, SWEET	5,5	35	GOOD	
1167	*BETULA LENTA*	BIRCH, SWEET	6	40	FAIR	
1168	*BETULA LENTA*	BIRCH, SWEET	6	30	POOR	
1169	*BETULA LENTA*	BIRCH, SWEET	8	40	POOR	x
1170	*QUERCUS RUBRA*	OAK, NORTHERN RED	13	55	GOOD	x
1171	*CARYA GLABRA*	HICKORY, PIGNUT	10.5	60	GOOD	
1172	*QUERCUS RUBRA*	OAK, NORTHERN RED	12	50	POOR	x
1173	*PRUNUS SEROTINA*	CHERRY, BLACK	10	55	POOR	x
1174	*SASSAFRAS ALBIDUM*	SASSAFRAS	4	35	POOR	x
1175	*QUERCUS RUBRA*	OAK, NORTHERN RED	9.5	50	FAIR	x
1176	*CARYA GLABRA*	HICKORY, PIGNUT	4	35	GOOD	
1177	*CARYA GLABRA*	HICKORY, PIGNUT	8	60	GOOD	
1178	*BETULA LENTA*	BIRCH, SWEET	4	30	FAIR	
1179	*BETULA LENTA*	BIRCH, SWEET	9	55	GOOD	
1180	*BETULA LENTA*	BIRCH, SWEET	10.5	55	GOOD	
1181	*BETULA LENTA*	BIRCH, SWEET	8	40	POOR	
1182	*BETULA LENTA*	BIRCH, SWEET	8,6	45	POOR	
1183	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	15.5	55	GOOD	
1184	*POPULUS GRANDIDENTATA*	ASPEN, BIGTOOTH	14.5	55	GOOD	
1185	*QUERCUS RUBRA*	OAK, NORTHERN RED	9	40	POOR	
1186	*BETULA LENTA*	BIRCH, SWEET	5	35	FAIR	
1187	*BETULA LENTA*	BIRCH, SWEET	5	15	DEAD	
1188	*JUNIPERUS VIRGINIANA*	EASTERN REDCEDAR	3	15	POOR	
1189	*PRUNUS SEROTINA*	CHERRY, BLACK	7	35	POOR	
1190	*BETULA LENTA*	BIRCH, SWEET	4,6	40	POOR	
1191	*QUERCUS ALBA*	OAK, WHITE	10	45	GOOD	
1192	*BETULA LENTA*	BIRCH, SWEET	8	35	POOR	
1193	*QUERCUS RUBRA*	OAK, NORTHERN RED	11.5	60	FAIR	
1194	*BETULA LENTA*	BIRCH, SWEET	9,4	45	POOR	
1195	*BETULA LENTA*	BIRCH, SWEET	5.5	35	POOR	
1196	*BETULA LENTA*	BIRCH, SWEET	5	35	FAIR	
1197	*BETULA LENTA*	BIRCH, SWEET	4	15	DEAD	
1198	*PRUNUS SEROTINA*	CHERRY, BLACK	9.5	45	POOR	
1199	*QUERCUS RUBRA*	OAK, NORTHERN RED	11.5	55	GOOD	
1200	*BETULA LENTA*	BIRCH, SWEET	15	50	FAIR	
1201	*BETULA LENTA*	BIRCH, SWEET	8	50	GOOD	
1202	*BETULA LENTA*	BIRCH, SWEET	6,6	35	POOR	
1203	*QUERCUS RUBRA*	OAK, NORTHERN RED	15,16	55	FAIR	
1204	*BETULA LENTA*	BIRCH, SWEET	5	16	DEAD	
1205	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	8.5	20	DEAD	
1206	*ACER SACCHARUM*	MAPLE, SUGAR	4	25	FAIR	
1207	*QUERCUS RUBRA*	OAK, NORTHERN RED	10,8,17	60	GOOD	
1208	*BETULA LENTA*	BIRCH, SWEET	3.5	30	POOR	
1209	*BETULA LENTA*	BIRCH, SWEET	7.5	45	FAIR	
1210	*PINUS STROBUS*	PINE, EASTERN WHITE	3.5	12	POOR	
1211	*CARYA GLABRA*	HICKORY, PIGNUT	6	35	GOOD	
1212	*CARYA GLABRA*	HICKORY, PIGNUT	10	50	GOOD	x
1213	*CARYA GLABRA*	HICKORY, PIGNUT	5.5	25	POOR	x
1214	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	5	22	FAIR	x
1215	*CARYA GLABRA*	HICKORY, PIGNUT	7	45	FAIR	x
1216	*CARYA GLABRA*	HICKORY, PIGNUT	7	35	FAIR	x
1217	*BETULA LENTA*	BIRCH, SWEET	7	35	FAIR	x
1218	*CARYA GLABRA*	HICKORY, PIGNUT	6,8,10	50	GOOD	x
1219	*QUERCUS RUBRA*	OAK, NORTHERN RED	20,13	50	GOOD	x
1220	*CARYA GLABRA*	HICKORY, PIGNUT	6.5	30	GOOD	x
1221	*SASSAFRAS ALBIDUM*	SASSAFRAS	10	45	POOR	x
1222	*SASSAFRAS ALBIDUM*	SASSAFRAS	6	30	POOR	x
1223	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	4.5	10	DEAD	x
1224	*CARYA GLABRA*	HICKORY, PIGNUT	8.5	40	FAIR	x
1225	*CARYA GLABRA*	HICKORY, PIGNUT	5,6	32	GOOD	x
1226	*ACER SACCHARUM*	MAPLE, SUGAR	9	45	FAIR	x
1227	*PINUS STROBUS*	PINE, EASTERN WHITE	3.5	8	POOR	x
1228	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	55	GOOD	x
1229	*CARYA GLABRA*	HICKORY, PIGNUT	6	40	GOOD	x
1230	*QUERCUS RUBRA*	OAK, NORTHERN RED	8	35	POOR	x
1231	*QUERCUS RUBRA*	OAK, NORTHERN RED	13.5	55	FAIR	x
1232	*SASSAFRAS ALBIDUM*	SASSAFRAS	9	45	FAIR	x
1233	*QUERCUS RUBRA*	OAK, NORTHERN RED	14.5	60	GOOD	x
1234	*ACER SACCHARUM*	MAPLE, SUGAR	4	25	GOOD	x
1235	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	60	GOOD	x
1236	*PRUNUS SEROTINA*	CHERRY, BLACK	16	50	POOR	x
1237	*BETULA LENTA*	BIRCH, SWEET	14	55	FAIR	x
1238	*ACER SACCHARUM*	MAPLE, SUGAR	9,10,9	50	FAIR	x
1239	*BETULA LENTA*	BIRCH, SWEET	16	60	FAIR	x
1240	*ACER SACCHARUM*	MAPLE, SUGAR	18,6	60	EXCELLENT	x
1241	*ACER SACCHARUM*	MAPLE, SUGAR	10.5	50	GOOD	x
1242	*BETULA LENTA*	BIRCH, SWEET	8.5	45	GOOD	x
1243	*SASSAFRAS ALBIDUM*	SASSAFRAS	9	40	FAIR	x
1244	*QUERCUS RUBRA*	OAK, NORTHERN RED	22	60	GOOD	x
1245	*BETULA LENTA*	BIRCH, SWEET	13.5	50	GOOD	x
1246	*BETULA LENTA*	BIRCH, SWEET	8	40	FAIR	x
1247	*SASSAFRAS ALBIDUM*	SASSAFRAS	7	40	FAIR	x
1248	*BETULA LENTA*	BIRCH, SWEET	12.5	50	GOOD	x
1249	*BETULA LENTA*	BIRCH, SWEET	8	35	GOOD	x
1250	*ACER SACCHARUM*	MAPLE, SUGAR	4	25	POOR	x
1251	*BETULA LENTA*	BIRCH, SWEET	5.5	30	GOOD	x
1252	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	50	GOOD	x
1253	*BETULA LENTA*	BIRCH, SWEET	6	28	FAIR	x
1254	*SASSAFRAS ALBIDUM*	SASSAFRAS	9.5	40	FAIR	x
1255	*BETULA LENTA*	BIRCH, SWEET	10	50	GOOD	x

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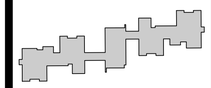
Project Key



N TRUE NORTH
N CALLED NORTH

Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
LANDSCAPE MITIGATION TABLE-1

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
REGISTERED LANDSCAPE ARCHITECT
DANIEL MAHER
002799
STATE OF NEW YORK

Date 10.29.2024
PAGE Project No 1018037.01
Scale AS INDICATED
Designed by DM
Drawn by JH
Checked by DM

L102
Drawing Number

O:\1068.001.00 - SUNY SB Tabler Quad New Residence Hall\12 Drawings\12B Reference Drawings\L100-Mitigation Plans.dwg

TREE NO.	SPECIES	COMMON NAME	D.B.H. (INCHES)	CROWN WIDTH (FT)	CONDITION	DESIGN REMOVALS
1256	*ACER SACCHARUM*	MAPLE, SUGAR	5.5	35	GOOD	x
1257	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	3.5	15	DEAD	x
1258	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	60	EXCELLENT	x
1259	*ACER SACCHARUM*	MAPLE, SUGAR	5.5	28	GOOD	x
1260	*ACER SACCHARUM*	MAPLE, SUGAR	4,6,7,9	50	GOOD	x
1261	*SASSAFRAS ALBIDUM*	SASSAFRAS	13	45	POOR	x
1262	*BETULA LENTA*	BIRCH, SWEET	11.5	35	POOR	x
1263	*BETULA LENTA*	BIRCH, SWEET	4.5	15	FAIR	x
1264	*QUERCUS RUBRA*	OAK, NORTHERN RED	21	50	DEAD	x
1265	*BETULA LENTA*	BIRCH, SWEET	3.5	18	POOR	x
1266	*BETULA LENTA*	BIRCH, SWEET	12	35	FAIR	x
1267	*BETULA LENTA*	BIRCH, SWEET	13	45	GOOD	x
1268	*BETULA LENTA*	BIRCH, SWEET	12	50	FAIR	x
1269	*ACER SACCHARUM*	MAPLE, SUGAR	4	25	GOOD	x
1270	*BETULA LENTA*	BIRCH, SWEET	9.5	45	GOOD	x
1271	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	60	FAIR	x
1272	*ACER SACCHARUM*	MAPLE, SUGAR	4	20	FAIR	x
1273	*ACER SACCHARUM*	MAPLE, SUGAR	8	35	FAIR	x
1274	*BETULA LENTA*	BIRCH, SWEET	7	30	FAIR	x
1275	*QUERCUS RUBRA*	OAK, NORTHERN RED	29	65	GOOD	x
1276	*BETULA LENTA*	BIRCH, SWEET	7	20	POOR	x
1277	*QUERCUS RUBRA*	OAK, NORTHERN RED	26	65	GOOD	x
1278	*ACER SACCHARUM*	MAPLE, SUGAR	7.5	35	GOOD	x
1279	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	60	POOR	x
1280	*ACER SACCHARUM*	MAPLE, SUGAR	6,2,2	35	GOOD	x
1281	*QUERCUS RUBRA*	OAK, NORTHERN RED	15.5	50	DEAD	x
1282	*ACER SACCHARUM*	MAPLE, SUGAR	6	35	GOOD	x
1283	*QUERCUS ALBA*	OAK, WHITE	10	45	FAIR	x
1284	*PRUNUS SEROTINA*	CHERRY, BLACK	4,2	20	POOR	x
1285	*QUERCUS RUBRA*	OAK, NORTHERN RED	25	55	FAIR	x
1286	*ACER SACCHARUM*	MAPLE, SUGAR	3,2	28	FAIR	x
1287	*QUERCUS RUBRA*	OAK, NORTHERN RED	16.5	60	FAIR	
1288	*QUERCUS RUBRA*	OAK, NORTHERN RED	21	65	GOOD	x
1289	*QUERCUS RUBRA*	OAK, NORTHERN RED	12	45	POOR	x
1290	*QUERCUS RUBRA*	OAK, NORTHERN RED	24.5	65	GOOD	x
1291	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	60	FAIR	x
1292	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	60	FAIR	
1293	*ACER SACCHARUM*	MAPLE, SUGAR	11.5	45	GOOD	
1294	*ACER SACCHARUM*	MAPLE, SUGAR	3.5	28	GOOD	
1295	*ACER SACCHARUM*	MAPLE, SUGAR	4	20	GOOD	
1296	*ACER SACCHARUM*	MAPLE, SUGAR	7	35	GOOD	
1297	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	11.5	45	DEAD	
1298	*BETULA LENTA*	BIRCH, SWEET	8	35	DEAD	
1299	*QUERCUS RUBRA*	OAK, NORTHERN RED	28	65	GOOD	
1300	*ACER SACCHARUM*	MAPLE, SUGAR	3	25	GOOD	
1301	*CORNUS FLORIDA*	DOGWOOD, FLOWERING	4.5	28	POOR	
1302	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	65	GOOD	
1303	*CARYA GLABRA*	HICKORY, PIGNUT	11.5	50	GOOD	
1304	*QUERCUS RUBRA*	OAK, NORTHERN RED	26	65	GOOD	
1305	*ACER SACCHARUM*	MAPLE, SUGAR	12,9,22,16	70	EXCELLENT	
1306	*BETULA LENTA*	BIRCH, SWEET	11,12,11	55	FAIR	
1307	*ACER SACCHARUM*	MAPLE, SUGAR	10	55	GOOD	
1308	*QUERCUS RUBRA*	OAK, NORTHERN RED	13.5	60	FAIR	
1309	*QUERCUS RUBRA*	OAK, NORTHERN RED	21	55	POOR	
1310	*ACER SACCHARUM*	MAPLE, SUGAR	5,2	30	FAIR	
1311	*CARYA GLABRA*	HICKORY, PIGNUT	6	45	GOOD	
1312	*QUERCUS RUBRA*	OAK, NORTHERN RED	13.5	45	FAIR	
1313	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	60	GOOD	
1314	*BETULA LENTA*	BIRCH, SWEET	17.5	55	GOOD	
1315	*QUERCUS RUBRA*	OAK, NORTHERN RED	10	45	FAIR	
1316	*QUERCUS RUBRA*	OAK, NORTHERN RED	17,7	60	GOOD	
1317	*QUERCUS ALBA*	OAK, WHITE	18	55	FAIR	
1318	*ACER SACCHARUM*	MAPLE, SUGAR	11	50	GOOD	
1319	*ACER SACCHARUM*	MAPLE, SUGAR	13	55	FAIR	
1320	*CARYA GLABRA*	HICKORY, PIGNUT	5	20	POOR	x
1321	*CARYA GLABRA*	HICKORY, PIGNUT	9.5	45	GOOD	
1322	*CARYA GLABRA*	HICKORY, PIGNUT	4	40	GOOD	
1323	*CARYA GLABRA*	HICKORY, PIGNUT	6	40	GOOD	
1324	*QUERCUS RUBRA*	OAK, NORTHERN RED	13	55	POOR	x
1325	*SASSAFRAS ALBIDUM*	SASSAFRAS	3.5	28	POOR	x
1326	*BETULA LENTA*	BIRCH, SWEET	11.5	55	GOOD	x
1327	*CARYA GLABRA*	HICKORY, PIGNUT	11.5	50	GOOD	x
1328	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	60	GOOD	x
1329	*BETULA LENTA*	BIRCH, SWEET	5	35	FAIR	x
1330	*ACER SACCHARUM*	MAPLE, SUGAR	11,8	45	POOR	x
1331	*PINUS STROBUS*	PINE, EASTERN WHITE	4	15	FAIR	x
1332	*QUERCUS RUBRA*	OAK, NORTHERN RED	9	45	FAIR	x
1333	*QUERCUS RUBRA*	OAK, NORTHERN RED	11,10	60	FAIR	x
1334	*ACER SACCHARUM*	MAPLE, SUGAR	16,9,3	55	GOOD	x
1335	*QUERCUS RUBRA*	OAK, NORTHERN RED	17,16	60	FAIR	x
1336	*BETULA LENTA*	BIRCH, SWEET	5	35	FAIR	x
1337	*BETULA LENTA*	BIRCH, SWEET	12	50	GOOD	x
1338	*ACER SACCHARUM*	MAPLE, SUGAR	6.5	40	GOOD	x
1339	*QUERCUS ALBA*	OAK, NORTHERN RED	8	45	FAIR	x
1340	*CARYA GLABRA*	HICKORY, PIGNUT	4.5	35	GOOD	x

TREE NO.	SPECIES	COMMON NAME	D.B.H. (INCHES)	CROWN WIDTH (FT)	CONDITION	DESIGN REMOVALS
1341	*ACER SACCHARUM*	MAPLE, SUGAR	11,6,4	50	FAIR	x
1342	*ACER SACCHARUM*	MAPLE, SUGAR	7.5,6	40	GOOD	x
1343	*ACER SACCHARUM*	MAPLE, SUGAR	10,7	45	GOOD	x
1344	*QUERCUS RUBRA*	OAK, NORTHERN RED	15,7	45	POOR	x
1345	*CARYA GLABRA*	HICKORY, PIGNUT	7.5,4	50	GOOD	x
1346	*BETULA LENTA*	BIRCH, SWEET	9	55	FAIR	x
1347	*CARYA GLABRA*	HICKORY, PIGNUT	7	35	GOOD	x
1348	*CARYA GLABRA*	HICKORY, PIGNUT	5	35	FAIR	x
1349	*CARYA GLABRA*	HICKORY, PIGNUT	9,4	50	GOOD	x
1350	*BETULA LENTA*	BIRCH, SWEET	9	50	GOOD	x
1351	*CARYA GLABRA*	HICKORY, OTHER	16	55	POOR	x
1352	*ACER SACCHARUM*	MAPLE, SUGAR	4	28	GOOD	x
1353	*BETULA LENTA*	BIRCH, SWEET	4.5	30	GOOD	x
1354	*BETULA LENTA*	BIRCH, SWEET	7.5	45	FAIR	x
1355	*BETULA LENTA*	BIRCH, SWEET	12.5	45	FAIR	x
1356	*BETULA LENTA*	BIRCH, SWEET	6	35	DEAD	x
1357	*BETULA LENTA*	BIRCH, SWEET	6	35	GOOD	x
1358	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	60	GOOD	x
1359	*BETULA LENTA*	BIRCH, SWEET	13	50	FAIR	x
1360	*BETULA LENTA*	BIRCH, SWEET	3.5	28	FAIR	x
1361	*BETULA LENTA*	BIRCH, SWEET	10.5	45	FAIR	x
1362	*CARYA GLABRA*	HICKORY, PIGNUT	7.5	50	FAIR	x
1363	*CARYA GLABRA*	HICKORY, PIGNUT	10	55	GOOD	x
1364	*ACER SACCHARUM*	MAPLE, SUGAR	4	25	GOOD	x
1365	*ACER SACCHARUM*	MAPLE, SUGAR	5	35	GOOD	x
1366	*BETULA LENTA*	BIRCH, SWEET	7	40	FAIR	x
1367	*BETULA LENTA*	BIRCH, SWEET	9	45	FAIR	x
1368	*BETULA LENTA*	BIRCH, SWEET	6.5	30	FAIR	x
1369	*CARYA GLABRA*	HICKORY, PIGNUT	6	45	FAIR	x
1370	*BETULA LENTA*	BIRCH, SWEET	7.5	50	FAIR	x
1371	*BETULA LENTA*	BIRCH, SWEET	8.5	55	FAIR	x
1401	*BETULA LENTA*	BIRCH, SWEET		50	FAIR	x
1402	*QUERCUS RUBRA*	OAK, NORTHERN RED		55	FAIR	x
1403	*BETULA LENTA*	BIRCH, SWEET		50	GOOD	x
1404	*BETULA LENTA*	BIRCH, SWEET	10	45	FAIR	x
1405	*BETULA LENTA*	BIRCH, SWEET	9	50	FAIR	x
1406	*BETULA LENTA*	BIRCH, SWEET	10	50	FAIR	x
1407	*BETULA LENTA*	BIRCH, SWEET	10,6	55	GOOD	x
1408	*BETULA LENTA*	BIRCH, SWEET	7	35	FAIR	x
1409	*BETULA LENTA*	BIRCH, SWEET	12	50	GOOD	x
1410	*CARYA GLABRA*	HICKORY, PIGNUT	4	28	GOOD	x
1411	*SASSAFRAS ALBIDUM*	SASSAFRAS	12	55	FAIR	x
1412	*CARYA GLABRA*	HICKORY, PIGNUT	9	45	GOOD	x
1413	*CARYA GLABRA*	HICKORY, PIGNUT	4	35	GOOD	x
1414	*CARYA GLABRA*	HICKORY, PIGNUT	7	40	GOOD	x
1415	*ACER SACCHARUM*	MAPLE, SUGAR	4	24	FAIR	x
1416	*CARYA GLABRA*	HICKORY, PIGNUT	5	35	FAIR	x
1417	*QUERCUS RUBRA*	OAK, NORTHERN RED	13	55	FAIR	x
1418	*ACER SACCHARUM*	MAPLE, SUGAR	6	45	GOOD	x
1419	*QUERCUS RUBRA*	OAK, NORTHERN RED	22	65	GOOD	x
1420	*ACER SACCHARUM*	MAPLE, SUGAR	6	40	GOOD	
1421	*ACER SACCHARUM*	MAPLE, SUGAR	12	60	GOOD	x
1422	*BETULA LENTA*	BIRCH, SWEET	14	55	FAIR	x
1423	*ACER SACCHARUM*	MAPLE, SUGAR	9	50	GOOD	x
1424	*ACER SACCHARUM*	MAPLE, SUGAR	8	50	FAIR	x
1425	*BETULA LENTA*	BIRCH, SWEET	11	50	GOOD	x
1426	*CARYA GLABRA*	HICKORY, PIGNUT	8	50	FAIR	x
1427	*BETULA LENTA*	BIRCH, SWEET	12,10	55	GOOD	x
1428	*BETULA LENTA*	BIRCH, SWEET	10	50	FAIR	x
1429	*BETULA LENTA*	BIRCH, SWEET	8	50	POOR	x
1430	*BETULA LENTA*	BIRCH, SWEET	14	55	GOOD	x
1431	*BETULA LENTA*	BIRCH, SWEET	13	40	GOOD	x
1432	*QUERCUS ALBA*	OAK, WHITE	18	60	GOOD	x
1433	*ACER SACCHARUM*	MAPLE, SUGAR	8	30	GOOD	x
1434	*ACER SACCHARUM*	MAPLE, SUGAR	5	35	FAIR	x
1435	*BETULA LENTA*	BIRCH, SWEET	13	50	FAIR	x
1436	*BETULA LENTA*	BIRCH, SWEET	8	42	GOOD	x
1437	*BETULA LENTA*	BIRCH, SWEET	10	45	FAIR	x
1438	*CARYA GLABRA*	HICKORY, PIGNUT	10	50	GOOD	x
1439	*QUERCUS RUBRA*	OAK, NORTHERN RED	15	60	FAIR	x
1440	*BETULA LENTA*	BIRCH, SWEET	4	25	GOOD	x
1441	*BETULA LENTA*	BIRCH, SWEET	7	40	FAIR	x
1442	*BETULA LENTA*	BIRCH, SWEET	14	55	GOOD	x
1443	*BETULA LENTA*	BIRCH, SWEET	12	55	GOOD	x
1444	*ACER SACCHARUM*	MAPLE, SUGAR	7	45	POOR	x
1445	*SASSAFRAS ALBIDUM*	SASSAFRAS	8	45	FAIR	x
1446	*ACER SACCHARUM*	MAPLE, SUGAR	16	60	GOOD	x
1447	*CARYA GLABRA*	HICKORY, PIGNUT	4	35	GOOD	x
1448	*BETULA LENTA*	BIRCH, SWEET	10	30	DEAD	x
1449	*BETULA LENTA*	BIRCH, SWEET	4	35	GOOD	x
1450	*BETULA LENTA*	BIRCH, SWEET	9	45	GOOD	x
1451	*BETULA LENTA*	BIRCH, SWEET	14	50	FAIR	x
1452	*BETULA LENTA*	BIRCH, SWEET	10	55	GOOD	x
1453	*BETULA LENTA*	BIRCH, SWEET	13	55	GOOD	x
1454	*BETULA LENTA*	BIRCH, SWEET	8	50	FAIR	x

TREE NO.	SPECIES	COMMON NAME	D.B.H. (INCHES)	CROWN WIDTH (FT)	CONDITION	DESIGN REMOVALS
1455	*BETULA LENTA*	BIRCH, SWEET	7	35	FAIR	x
1456	*BETULA LENTA*	BIRCH, SWEET	13	50	GOOD	x
1457	*BETULA LENTA*	BIRCH, SWEET	8	40	FAIR	x
1458	*BETULA LENTA*	BIRCH, SWEET	8	45	GOOD	x
1459	*CARYA GLABRA*	HICKORY, PIGNUT	4	28	GOOD	x
1460	*BETULA LENTA*	BIRCH, SWEET	9,5	50	FAIR	x
1461	*BETULA LENTA*	BIRCH, SWEET	13	55	POOR	x
1462	*BETULA LENTA*	BIRCH, SWEET	6	35	POOR	x
1463	*BETULA LENTA*	BIRCH, SWEET	10	45	POOR	x
1464	*BETULA LENTA*	BIRCH, SWEET	7	40	POOR	x
1465	*BETULA LENTA*	BIRCH, SWEET	6	40	POOR	x
1466	*QUERCUS RUBRA*	OAK, NORTHERN RED	11	45	POOR	x
1467	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	50	POOR	x
1468	*BETULA LENTA*	BIRCH, SWEET	6	28	FAIR	x
1469	*QUERCUS RUBRA*	OAK, NORTHERN RED	6	28	FAIR	x
1470	*QUERCUS RUBRA*	OAK, NORTHERN RED	25	70	FAIR	x
1471	*ACER SACCHARUM*	MAPLE, SUGAR	6	45	FAIR	x
1472	*CARYA GLABRA*	HICKORY, PIGNUT	7	45	FAIR	x
1473	*QUERCUS RUBRA*	OAK, NORTHERN RED	10	50	FAIR	x
1474	*QUERCUS ALBA*	OAK, WHITE	13.5	65	GOOD	x
1475	*ACER SACCHARUM*	MAPLE, SUGAR	10	60	FAIR	x
1476	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	65	GOOD	x
1477	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	75	FAIR	x
1478	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	80	FAIR	x
1479	*QUERCUS RUBRA*	MAPLE, SUGAR	7	55	GOOD	x
1480	*QUERCUS ALBA*	OAK, WHITE	22	95	GOOD	x
1481	*BETULA LENTA*	BIRCH, SWEET	11	75	POOR	x
1482	*BETULA LENTA*	BIRCH, SWEET	10	80	GOOD	x
1483	*QUERCUS RUBRA*	OAK, NORTHERN RED	24,25	95	GOOD	x
1484	*ACER SACCHARUM*	MAPLE, SUGAR	4	50	GOOD	x
1485	*QUERCUS ALBA*	OAK, WHITE	27	90	GOOD	x
1486	*ACER RUBRUM*	MAPLE, RED	4	45	FAIR	x
1488	*QUERCUS RUBRA*	OAK, NORTHERN RED	7	60	FAIR	x
1489	*QUERCUS RUBRA*	OAK, NORTHERN RED	8	56	POOR	x
1490	*BETULA LENTA*	BIRCH, SWEET	7	65	GOOD	x
1491	*BETULA LENTA*	BIRCH, SWEET	14	80	EXCELLENT	x
1492	*BETULA LENTA*	BIRCH, SWEET	4	N/A	DEAD	x
1493	*BETULA LENTA*	BIRCH, SWEET	8	65	GOOD	
1494	*BETULA LENTA*	BIRCH, SWEET	11	70	FAIR	
1495	*BETULA LENTA*	BIRCH, SWEET	8	65	GOOD	
1496	*BETULA LENTA*	BIRCH, SWEET	8	65	GOOD	
1497	*BETULA LENTA*	BIRCH, SWEET	4	50	FAIR	
1498	*BETULA LENTA*	BIRCH, SWEET	7	60	GOOD	
1501	*ACER SACCHARUM*	MAPLE, SUGAR	5	12	DEAD	
1502	*BETULA LENTA*	BIRCH, SWEET	7	65	GOOD	
1503	*ACER SACCHARUM*	MAPLE, SUGAR	7	65	GOOD	
1504	*BETULA LENTA*	OAK, NORTHERN RED	14	60	POOR	
1505	*BETULA LENTA*	BIRCH, SWEET	5	N/A	DEAD	
1506	*BETULA LENTA*	BIRCH, SWEET	5	65	FAIR	
1507	*BETULA LENTA*	BIRCH, SWEET	6	65	GOOD	
1508	*CARYA GLABRA*	HICKORY, PIGNUT	12	75	FAIR	
1509	*CARYA GLABRA*	HICKORY, PIGNUT	13	65	FAIR	
1510	*CARYA GLABRA*	HICKORY, PIGNUT	12,7	70	POOR	
1511	*CARYA GLABRA*	HICKORY, PIGNUT	10	75	FAIR	
1512	*BETULA LENTA*	BIRCH, SWEET	7	65	GOOD	
1513	*BETULA LENTA*	BIRCH, SWEET	6	70	GOOD	
1514	*BETULA LENTA*	BIRCH, SWEET	10	70	FAIR	
1515	*BETULA LENTA*	BIRCH, SWEET	6	65	GOOD	
1516	*BETULA LENTA*	BIRCH, SWEET	5	70	FAIR	
1517	*BETULA LENTA*	BIRCH, SWEET	4,3	55	POOR	
1518	*ACER SACCHARUM*	MAPLE, SUGAR	6	65	FAIR	x
1519	*BETULA LENTA*	BIRCH, SWEET	4	45	FAIR	x
1520	*ACER SACCHARUM*	MAPLE, SUGAR	4	50	GOOD	x
1521	*BETULA LENTA*	OAK, NORTHERN RED	14,15,11	85	FAIR	
1522	*BETULA LENTA*	BIRCH, SWEET	6	60	FAIR	
1523	*BETULA LENTA*	BIRCH, SWEET	5	55	FAIR	
1524	*CARYA GLABRA*	HICKORY, PIGNUT	8,4	65	GOOD	x
1525	*ACER SACCHARUM*	MAPLE, SUGAR	7	60	POOR	
1526	*QUERCUS RUBRA*	OAK, NORTHERN RED	10	55	POOR	
1527	*ACER SACCHARUM*	MAPLE, SUGAR	14	75	FAIR	
1528	*BETULA LENTA*	BIRCH, SWEET	3,4	25	POOR	
1529	*BETULA LENTA*	BIRCH, SWEET	10	60	POOR	
1530	*QUERCUS RUBRA*	OAK, NORTHERN RED	16	90	GOOD	
1531	*ILEX OPACA*	HOLLY, AMERICAN	4	25	FAIR	
1532	*QUERCUS RUBRA*	OAK, NORTHERN RED	16	80	FAIR	
1533	*QUERCUS RUBRA*	OAK, NORTHERN RED	33	70	FAIR	
1534	*CARYA GLABRA*	HICKORY, PIGNUT	10	70	GOOD	
1535	*BETULA LENTA*	BIRCH, SWEET	5	40	GOOD	
1536	*QUERCUS RUBRA*	OAK, NORTHERN RED	16,12	90	FAIR	
1537	*BETULA LENTA*	BIRCH, SWEET	10	65	FAIR	
1538	*QUERCUS RUBRA*	OAK, NORTHERN RED	14,14	75	GOOD	
1539	*ACER SACCHARUM*	MAPLE, SUGAR	12	82	GOOD	
1540	*BETULA LENTA*	BIRCH, SWEET	7	N/A	DEAD	
1541	*BETULA LENTA*	BIRCH, SWEET	12	80	FAIR	
1542	*BETULA LENTA*	BIRCH, SWEET	8	55	DEAD	

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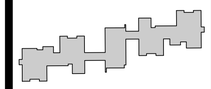
Project Key



N TRUE NORTH
N CALLED NORTH

Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
LANDSCAPE MITIGATION TABLE-2

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
REGISTERED LANDSCAPE ARCHITECT
DANIEL MAHER
STATE OF NEW YORK
002799

Date 10.29.2024
PAGE Project No 1018037.01
Scale AS INDICATED
Designed by DM
Drawn by JH
Checked by DM

L103
Drawing Number

TREE NO.	SPECIES	COMMON NAME	D.B.H. (INCHES)	CROWN WIDTH (FT)	CONDITION	DESIGN REMOVALS
1543	*BETULA LENTA*	BIRCH, SWEET	7	50	POOR	
1544	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	8	N/A	DEAD	
1545	*ACER SACCHARUM*	MAPLE, SUGAR	7	55	POOR	
1546	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	85	FAIR	
1547	*ACER SACCHARUM*	MAPLE, SUGAR	13	90	FAIR	
1548	*ILEX OPACA*	HOLLY, AMERICAN	5,3	35	FAIR	x
1549	*ACER SACCHARUM*	MAPLE, SUGAR	12,11	70	POOR	x
1550	*BETULA LENTA*	BIRCH, SWEET	12	N/A	DEAD	x
1551	*BETULA LENTA*	BIRCH, SWEET	8	80	FAIR	x
1552	*QUERCUS RUBRA*	OAK, NORTHERN RED	13,12	65	POOR	x
1553	*ACER SACCHARUM*	MAPLE, SUGAR	6	50	FAIR	x
1554	*QUERCUS RUBRA*	OAK, NORTHERN RED	20,17	85	FAIR	x
1555	*QUERCUS RUBRA*	OAK, NORTHERN RED	25	90	GOOD	x
1556	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	80	GOOD	
1557	*ACER SACCHARUM*	MAPLE, SUGAR	9	75	FAIR	x
1558	*QUERCUS RUBRA*	OAK, NORTHERN RED	16,20	85	POOR	x
1559	*ACER SACCHARUM*	MAPLE, SUGAR	11	65	POOR	x
1560	*ACER RUBRUM*	MAPLE, RED	16	70	POOR	x
1561	*QUERCUS RUBRA*	OAK, NORTHERN RED	20,20	85	FAIR	x
1562	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	70	GOOD	x
1563	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	12	N/A	DEAD	x
1564	*ACER SACCHARUM*	MAPLE, SUGAR	6	45	FAIR	x
1565	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	12	N/A	DEAD	x
1566	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	85	FAIR	x
1567	*QUERCUS RUBRA*	OAK, NORTHERN RED	13,15	75	POOR	x
1568	*QUERCUS RUBRA*	OAK, NORTHERN RED	16	80	FAIR	x
1569	*ACER SACCHARUM*	MAPLE, SUGAR	4,8	70	FAIR	
1570	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	75	GOOD	x
1571	*ACER RUBRUM*	MAPLE, RED	5	50	POOR	x
1572	*CARYA GLABRA*	HICKORY, PIGNUT	17	75	POOR	x
1573	*ACER SACCHARUM*	MAPLE, SUGAR	4	45	GOOD	x
1574	*ACER SACCHARUM*	MAPLE, SUGAR	8	50	POOR	x
1575	*QUERCUS RUBRA*	OAK, NORTHERN RED	19,13	70	POOR	x
1576	*SASSAFRAS ALBIDUM*	SASSAFRAS	6	45	POOR	x
1577	*CARYA GLABRA*	HICKORY, PIGNUT	12	65	POOR	x
1578	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	10	N/A	DEAD	x
1579	*QUERCUS RUBRA*	OAK, NORTHERN RED	11	75	FAIR	x
1580	*ACER SACCHARUM*	MAPLE, SUGAR	17,11	85	FAIR	
1581	*QUERCUS RUBRA*	OAK, NORTHERN RED	23,18	95	GOOD	x
1582	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	85	GOOD	x
1583	*QUERCUS RUBRA*	OAK, NORTHERN RED	15,16	80	FAIR	x
1584	*ACER SACCHARUM*	MAPLE, SUGAR	8	60	POOR	
1585	*ACER SACCHARUM*	MAPLE, RED	11	65	FAIR	x
1586	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	85	GOOD	x
1587	*QUERCUS RUBRA*	OAK, NORTHERN RED	12	65	POOR	x
1588	*QUERCUS RUBRA*	OAK, NORTHERN RED	21	95	GOOD	x
1589	*BETULA LENTA*	BIRCH, SWEET	10	75	FAIR	x
1590	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	70	POOR	x
1591	*ACER RUBRUM*	MAPLE, RED	7	65	FAIR	
1592	*QUERCUS RUBRA*	OAK, NORTHERN RED	17,18	90	GOOD	
1593	*BETULA LENTA*	BIRCH, SWEET	16	70	POOR	x
1594	*ACER RUBRUM*	MAPLE, RED	5	45	POOR	x
1595	*SASSAFRAS ALBIDUM*	SASSAFRAS	4	35	POOR	x
1596	*ACER SACCHARUM*	MAPLE, SUGAR	10	75	FAIR	x
1597	*ACER SACCHARUM*	MAPLE, SUGAR	31	95	FAIR	x
1598	*ACER SACCHARUM*	MAPLE, SUGAR	15,7,9	70	POOR	x
1599	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	85	GOOD	x
1600	*ACER SACCHARUM*	MAPLE, SUGAR	9	65	FAIR	x
1601	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	80	FAIR	x
1602	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	90	GOOD	x
1603	*QUERCUS RUBRA*	OAK, NORTHERN RED	18	85	FAIR	
1604	*ACER SACCHARUM*	MAPLE, SUGAR	4,5,8	65	POOR	
1605	*QUERCUS RUBRA*	OAK, NORTHERN RED	19,20	90	FAIR	x
1606	*ACER SACCHARUM*	MAPLE, SUGAR	6	50	GOOD	x
1607	*ACER SACCHARUM*	MAPLE, SUGAR	16	75	POOR	x
1608	*ACER SACCHARUM*	MAPLE, SUGAR	5,6	45	POOR	x
1609	*QUERCUS RUBRA*	OAK, NORTHERN RED	15,22,22	90	GOOD	x
1610	*ACER SACCHARUM*	MAPLE, SUGAR	8,9	70	POOR	x
1611	*QUERCUS RUBRA*	OAK, NORTHERN RED	19	85	FAIR	x
1612	*ACER SACCHARUM*	MAPLE, SUGAR	4	45	GOOD	x
1613	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	95	GOOD	x
1614	*BETULA LENTA*	BIRCH, SWEET	4	50	POOR	
1615	*BETULA LENTA*	BIRCH, SWEET	14	75	GOOD	
1616	*QUERCUS RUBRA*	OAK, NORTHERN RED	16,14	80	GOOD	
1617	*QUERCUS RUBRA*	OAK, NORTHERN RED	14,18,11	80	FAIR	
1618	*QUERCUS RUBRA*	OAK, NORTHERN RED	13,13	85	FAIR	
1619	*BETULA LENTA*	BIRCH, SWEET	12	70	FAIR	x
1620	*QUERCUS RUBRA*	OAK, NORTHERN RED	19	85	FAIR	x
1621	*ACER SACCHARUM*	MAPLE, SUGAR	11	70	FAIR	x
1622	*QUERCUS RUBRA*	OAK, NORTHERN RED	13,16	75	FAIR	
1623	*QUERCUS RUBRA*	OAK, NORTHERN RED	24	85	GOOD	
1624	*BETULA LENTA*	BIRCH, SWEET	7	70	GOOD	
1625	*QUERCUS RUBRA*	OAK, NORTHERN RED	27	90	GOOD	
1626	*BETULA LENTA*	BIRCH, SWEET	4	35	GOOD	
1627	*ACER SACCHARUM*	MAPLE, SUGAR	5	45	GOOD	

TREE NO.	SPECIES	COMMON NAME	D.B.H. (INCHES)	CROWN WIDTH (FT)	CONDITION	DESIGN REMOVALS
1628	*ACER SACCHARUM*	MAPLE, SUGAR	5	45	GOOD	x
1629	*QUERCUS RUBRA*	OAK, NORTHERN RED	15,13	80	POOR	
1630	*ACER SACCHARUM*	MAPLE, SUGAR	7	50	POOR	
1631	*ACER SACCHARUM*	MAPLE, SUGAR	6	45	GOOD	
1632	*QUERCUS RUBRA*	OAK, NORTHERN RED	13,27	95	FAIR	
1633	*QUERCUS RUBRA*	OAK, NORTHERN RED	25	85	GOOD	
1634	*ACER SACCHARUM*	MAPLE, SUGAR	10	60	FAIR	
1635	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	75	POOR	
1636	*ACER SACCHARUM*	MAPLE, SUGAR	10	N/A	DEAD	
1637	*ACER SACCHARUM*	MAPLE, SUGAR	6	60	POOR	
1638	*QUERCUS RUBRA*	OAK, NORTHERN RED	23	80	FAIR	x
1639	*QUERCUS RUBRA*	OAK, NORTHERN RED	13	80	FAIR	x
1640	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	9	N/A	DEAD	x
1641	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	7	N/A	DEAD	x
1642	*ACER SACCHARUM*	MAPLE, SUGAR	7	55	POOR	x
1643	*BETULA LENTA*	BIRCH, SWEET	5	45	POOR	x
1644	*ACER SACCHARUM*	MAPLE, SUGAR	13	75	POOR	x
1645	*BETULA LENTA*	BIRCH, SWEET	6	N/A	DEAD	x
1646	*QUERCUS RUBRA*	OAK, NORTHERN RED	14,8	80	POOR	x
1647	*ACER SACCHARUM*	MAPLE, SUGAR	4	45	POOR	x
1648	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	80	POOR	x
1649	*QUERCUS RUBRA*	OAK, NORTHERN RED	17,14,14	80	FAIR	x
1650	*ACER SACCHARUM*	MAPLE, SUGAR	4	35	POOR	x
1651	*BETULA LENTA*	BIRCH, SWEET	6	45	FAIR	x
1652	*ACER SACCHARUM*	MAPLE, SUGAR	6,14	75	FAIR	x
1653	*BETULA LENTA*	BIRCH, SWEET	5	N/A	DEAD	x
1654	*QUERCUS RUBRA*	OAK, NORTHERN RED	17	65	POOR	x
1655	*BETULA LENTA*	BIRCH, SWEET	8	65	GOOD	
1656	*BETULA LENTA*	BIRCH, SWEET	6	55	GOOD	x
1657	*QUERCUS RUBRA*	OAK, NORTHERN RED	12,16	75	FAIR	x
1658	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	75	GOOD	x
1659	*ACER SACCHARUM*	MAPLE, SUGAR	11	65	GOOD	x
1660	*ACER SACCHARUM*	MAPLE, SUGAR	7	55	FAIR	x
1661	*QUERCUS RUBRA*	OAK, NORTHERN RED	27,16	75	FAIR	x
1662	*BETULA LENTA*	BIRCH, SWEET	6	45	FAIR	x
1663	*BETULA LENTA*	BIRCH, SWEET	9,6	65	POOR	x
1664	*BETULA LENTA*	BIRCH, SWEET	10	65	GOOD	x
1665	*BETULA LENTA*	BIRCH, SWEET	5	55	FAIR	x
1666	*QUERCUS RUBRA*	OAK, NORTHERN RED	11	70	FAIR	x
1667	*BETULA LENTA*	BIRCH, SWEET	11	70	POOR	x
1668	*BETULA LENTA*	BIRCH, SWEET	13	75	FAIR	x
1669	*BETULA LENTA*	BIRCH, SWEET	11	65	FAIR	x
1670	*BETULA LENTA*	BIRCH, SWEET	6,4	45	FAIR	x
1671	*QUERCUS RUBRA*	OAK, NORTHERN RED	21,17	85	FAIR	x
1672	*ACER RUBRUM*	MAPLE, RED	6	50	FAIR	
1673	*BETULA LENTA*	BIRCH, SWEET	19	75	POOR	x
1674	*BETULA LENTA*	BIRCH, SWEET	8	45	POOR	x
1675	*QUERCUS RUBRA*	OAK, NORTHERN RED	14	65	GOOD	x
1676	*QUERCUS RUBRA*	OAK, NORTHERN RED	19	75	GOOD	x
1677	*ACER SACCHARUM*	MAPLE, SUGAR	7	45	FAIR	x
1678	*BETULA LENTA*	BIRCH, SWEET	7	45	POOR	x
1679	*ACER SACCHARUM*	MAPLE, SUGAR	5	50	POOR	x
1680	*QUERCUS RUBRA*	OAK, NORTHERN RED	27	80	GOOD	x
1681	*ACER SACCHARUM*	MAPLE, SUGAR	6	45	GOOD	x
1682	*ACER SACCHARUM*	MAPLE, SUGAR	6	35	POOR	x
1683	*ACER SACCHARUM*	MAPLE, SUGAR	4	45	FAIR	
1684	*QUERCUS RUBRA*	OAK, NORTHERN RED	23	75	GOOD	x
1685	*BETULA LENTA*	BIRCH, SWEET	9	55	FAIR	x
1686	*QUERCUS RUBRA*	OAK, NORTHERN RED	7,18,19,19	70	POOR	x
1687	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	9	N/A	DEAD	x
1688	*ACER SACCHARUM*	MAPLE, SUGAR	8	50	GOOD	x
1689	*CARYA GLABRA*	HICKORY, PIGNUT	12	60	GOOD	x
1690	*BETULA LENTA*	BIRCH, SWEET	15	65	GOOD	x
1691	*ACER SACCHARUM*	MAPLE, SUGAR	7	55	GOOD	x
1692	*BETULA LENTA*	BIRCH, SWEET	7	60	POOR	x
1693	*BETULA LENTA*	BIRCH, SWEET	7	55	FAIR	x
1694	*BETULA LENTA*	BIRCH, SWEET	12	50	POOR	
1695	*BETULA LENTA*	BIRCH, SWEET	13	60	GOOD	
1696	*BETULA LENTA*	BIRCH, SWEET	16	70	FAIR	
1697	*QUERCUS ALBA*	OAK, WHITE	17	80	GOOD	
1698	*BETULA LENTA*	BIRCH, SWEET	8	65	FAIR	x
1699	*BETULA LENTA*	BIRCH, SWEET	9	50	FAIR	
1700	*BETULA LENTA*	BIRCH, SWEET	5	25	POOR	
1701	*BETULA LENTA*	BIRCH, SWEET	12	60	FAIR	
1702	*BETULA LENTA*	BIRCH, SWEET	5	45	FAIR	x
1703	*BETULA LENTA*	BIRCH, SWEET	10	60	GOOD	x
1704	*UNKNOWN DEAD TREE*	UNKNOWN DEAD TREES	5	N/A	DEAD	
1705	*QUERCUS RUBRA*	OAK, NORTHERN RED	20	70	GOOD	
1706	*BETULA LENTA*	BIRCH, SWEET	13	65	GOOD	
1707	*QUERCUS RUBRA*	OAK, NORTHERN RED	21	80	GOOD	
5213	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5240	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5241	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5243	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5244	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x

TREE NO.	SPECIES	COMMON NAME	D.B.H. (INCHES)	CROWN WIDTH (FT)	CONDITION	DESIGN REMOVALS
5272	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5277	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5278	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5279	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5280	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5281	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5282	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5283	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5286	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5288	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5311	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5312	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5313	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5314	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5315	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5316	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5317	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5318	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5319	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5320	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5321	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5322	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5323	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5324	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5325	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5326	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5327	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5328	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5329	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5330	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5331	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5372	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5373	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5374	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5375	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5376	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5377	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5378	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5379	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	x
5567	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5568	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	
5574	*UNKNOWN*	UNKNOWN	N/A	N/A	N/A	

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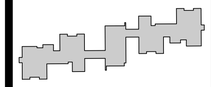
Project Key



N TRUE NORTH
N CALLED NORTH

Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

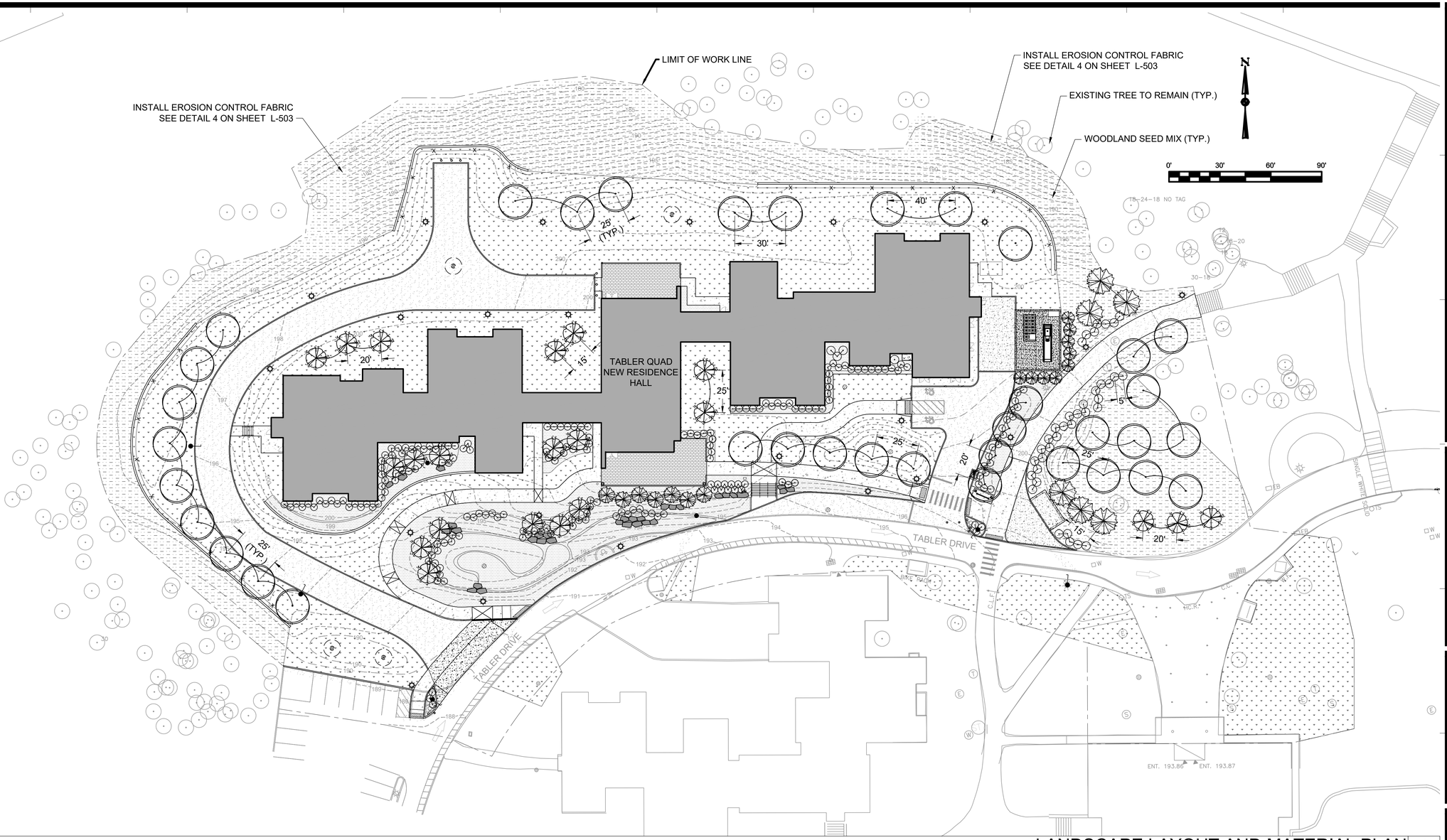
Drawing Title
LANDSCAPE MITIGATION TABLE-3

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature

Date	10.29.2024
PAGE Project No	1018037.01
Scale	AS INDICATED
Designed by	DM
Drawn by	IH
Checked by	DM

L104
Drawing Number



0 30' 60'

LANDSCAPE LAYOUT AND MATERIAL PLAN 1

1" = 30'-0"

LEGEND

- LIMIT OF WORK LINE (L.O.W.)
- EXISTING TREE TO REMAIN
- INSTALL TREE SEE PLANTING PLAN
- INSTALL DECIDUOUS SHRUB
- PLANTING BED SEE PLANTING PLAN
- LAWN SEED MIX SEE NOTES
- WOODLAND SEED MIX SEE NOTE 3
- 6 / L501 — LANDSCAPE BOULDER
- 5 / L503 — UNIT PAVERS
- 2 / C502 — CONCRETE PAVING SEE NOTE 4
- 5 / C502 — ASPHALT PAVING SEE NOTE 4
- EXISTING LIGHT POST
- PROPOSED PEDESTRIAN LIGHT SEE SITE PLAN

NOTES

1. SEE GENERAL NOTES ON DRAWING L100 AND C100 FOR ADDITIONAL INFORMATION.
2. SEE DRAWING L106 FOR PLANTING PLAN.
3. SEE DRAWING L107 FOR PLANTING SCHEDULE.
4. SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.

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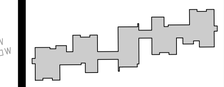
716-823-0006

Project Key



N TRUE NORTH N CALLED NORTH

Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
LANDSCAPE LAYOUT AND MATERIAL PLAN

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
REGISTERED LANDSCAPE ARCHITECT DANIEL MAHER 002795 STATE OF NEW YORK

Date	10.29.2024
PAGE Project No	1018037.01
Scale	AS INDICATED
Designed by	DM
Drawn by	JH
Checked by	DM

L105
Drawing Number

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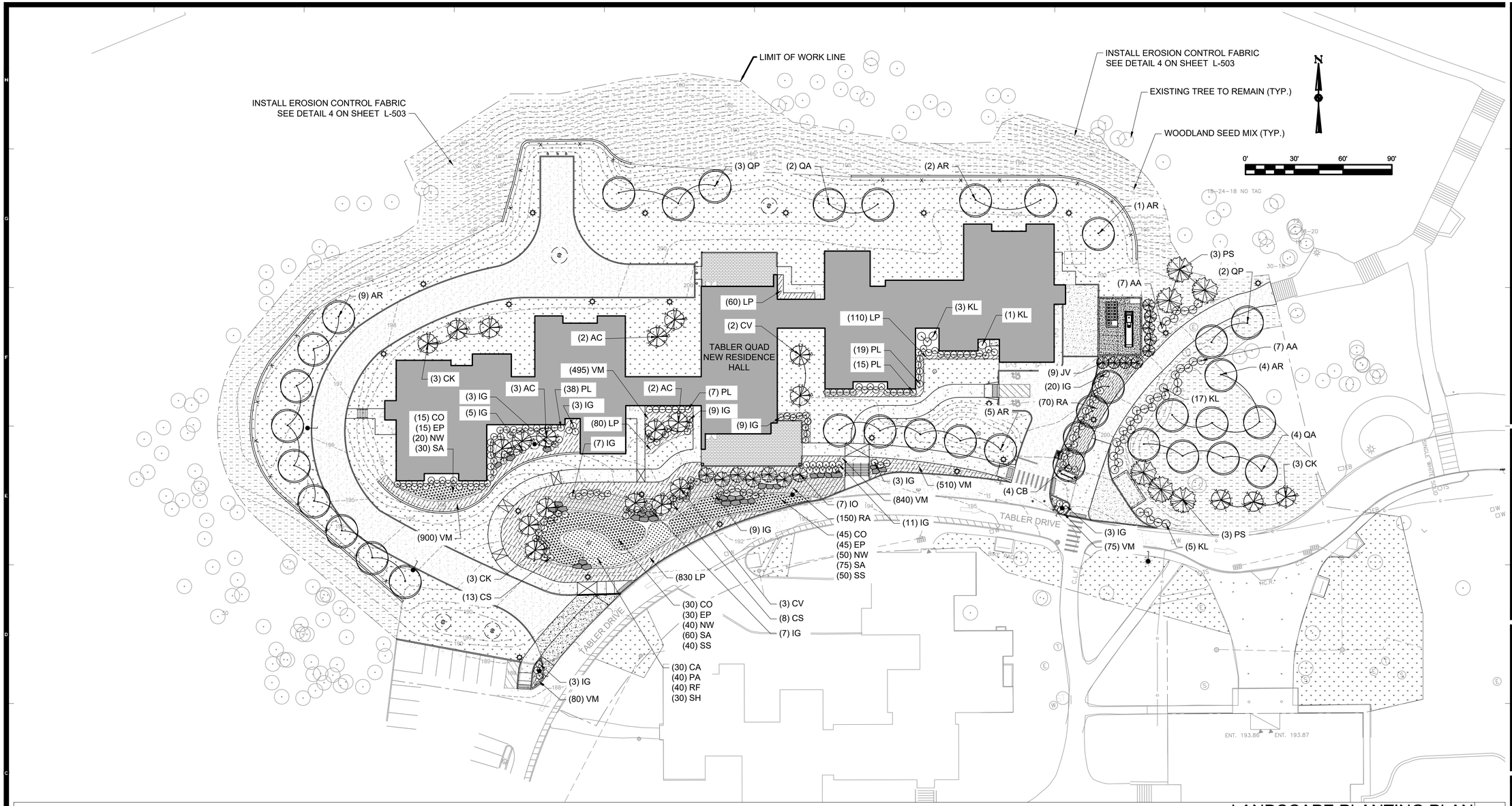

0 30' 60'

LANDSCAPE PLANTING PLAN 1
1" = 30'-0"

LEGEND

- LIMIT OF WORK LINE (L.O.W.)
- EXISTING TREE TO REMAIN
- 1 / L501 — INSTALL DECIDUOUS TREE
- 1 / L501 — INSTALL ORNAMENTAL TREE
- 1 / L501 — INSTALL CONIFEROUS TREE
- 2 / L501 — INSTALL SHRUBS
- 5 / L501 — LAWN SEED MIX SEE NOTE 3
- WOODLAND SEED MIX SEE NOTE 3
- SHRUB MIX
- GROUNDCOVER
- PERENNIAL AND GRASSES MIX 1 SEE NOTE 3
- PERENNIAL AND GRASSES MIX 2 SEE NOTE 3

NOTES

1. SEE GENERAL NOTES ON DRAWINGS L100 AND C100 FOR ADDITIONAL INFORMATION
2. SEE PLANTING NOTES ON DRAWING L100 FOR ADDITIONAL INFORMATION
3. FOR TOTAL QUANTITIES, SEE PLANTING SCHEDULE ON DRAWING L107

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Trophy Point
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Project Key

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Revisions

Rev	Description	Date

Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
LANDSCAPE PLANTING PLAN

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
REGISTERED LANDSCAPE ARCHITECT · DANIEL MAHER · 002799 · STATE OF NEW YORK

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Checked by	DM

L106
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SYMBOL	COUNT	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	SPACING	REMARKS
TREES							
AR	21	Red Maple	*Acer rubrum*	3" CAL.	B&B	AS SHOWN	
AC	7	Serviceberry	*Amelanchier x grandafolia*	8-10' HT	B&B	AS SHOWN	Multi-stem
CB	4	Commone Hornbeam	*Carpinus betulus 'Fastigiata'*	3" CAL.	B&B	AS SHOWN	
CK	9	Kousa Dogwood	*Cornus Kousa*	8-10' HT	B&B	AS SHOWN	Multi-stem
CV	5	Green Hawthorne	*Craetagus viridis 'winterking'*	2.5" CAL.	B&B	AS SHOWN	
IO	7	Americam Holly	*Ilex opaca*	8-10' HT	B&B	AS SHOWN	
JV	9	Easter Red Cedar	*Juniperus virginiana*	7-8' HT	B&B	AS SHOWN	
PS	6	Eastern White Pine	*Pinus strobus*	8-10' HT	B&B	AS SHOWN	
QP	5	Willow Oak	*Quercus Phellos*	3" CAL.	B&B	AS SHOWN	
QA	6	White Oak	*Quercus Alba*	3" CAL.	B&B	AS SHOWN	
SHRUBS							
AA	14	Red Chokecherry	*Aronia arbutifolia 'Brilliantissima'*	3' HT	Container	3'-4'	
CS	21	Red Osier Dogwood	*Cornus sericea*	3' HT	Container	3'-4'	
IG	92	Inkberry	*Ilex glabra*	3' HT	Container	5'-8"	
KL	26	Mountain laurel	*Kalmia latifolia*	3' HT	Container	5'-6'	
PL	79	Cherry laurel	*Prunus laurocerasus*	3' HT	Container	4'-5'	
RA	220	Gro-Low Fragrant Sumac	*Rhus aromatica*	3' HT	Container	3'-4'	
PERENIALS, GROUNDCOVERS AND GRASSES							
CA	30	Feathered Reed Grass	*Calamagrostis acutiflora 'Karl Foerster'*	#1	Container	36"	
CO	95	Tickseed	*Coreopsis verticillata*	#1	Container	24"	
EP	90	Purple Cone flower	*Echinacea purpurea*	#1	Container	24"	
LP	1,152	Blue Lilyturf	*Liriope muscari*	#1	Container	18"	
NW	110	Catmint Walker's Low'	*Nepeta 'walkers low'*	#1	Container	18"	
PA	40	Russian sage	*Perovskia atriplicifolia*	#1	Container	36"	
RF	40	Blackeyed Susan	*Rudbeckia fulgida*	#1	Container	24"	
SS	90	Moor Grass	*Salvia sylvestris 'Blue Hill'*	#1	Container	24"	
SA	165	Autumn Moor Grass	*Sesleria autumnalis*	#1	Container	24"	
SH	30	Prairie Dropseed	*Sporobolus heterolepis*	#1	Container	36"	
VM	900	Common Prairie	*Vinca minor*	#1	Container	12"	

LAWN SEED MIX (59,000 SF)			
COMMON NAME	**BOTANICAL NAME**	**VARIETY**	**MIX**
Creeping Red Fescue	*Festuca rubra trichophylla*	Ensylva	40%
Kentucky Bluegrass	*Poa pratensis*	Baron, Flyking, Glade, or an approved equal	15%
Perennial Ryegrass	*Lolium perenne*	Manhattan II, Pennfine, Yorktown II, or an approved equal	40%
Annual Ryegrass	*Lolium multiflorum*	Commercial	5%
WOODLAND SEED MIX (38,000 SF)			
COMMON NAME	**BOTANICAL NAME**	**VARIETY**	**MIX**
Annual Ryegrass	*Lolium multiflorum*	Commercial	5%
Northern Red Oak	*Quercus rubra*	Conservation Seeds	25%
White Oak	*Quercus alba*	Conservation Seeds	25%
Red Maple	*Acer rubrum*	Conservation Seeds	25%
Dogwood	*Cornus florida*	Commercial	10%
Arrow Wood	*Viburnum dentatum*	Commercial	10%

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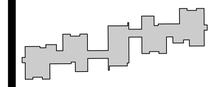

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Revisions

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Client
Stony Brook University

Project Title
TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
Stony Brook, New York 11790

Drawing Title
LANDSCAPE PLANTING SCHEDULE

Phase
CONSTRUCTION DOCUMENTS

Professional Seal & Signature
REGISTERED LANDSCAPE ARCHITECT
DANIEL MAHER
002709
STATE OF NEW YORK

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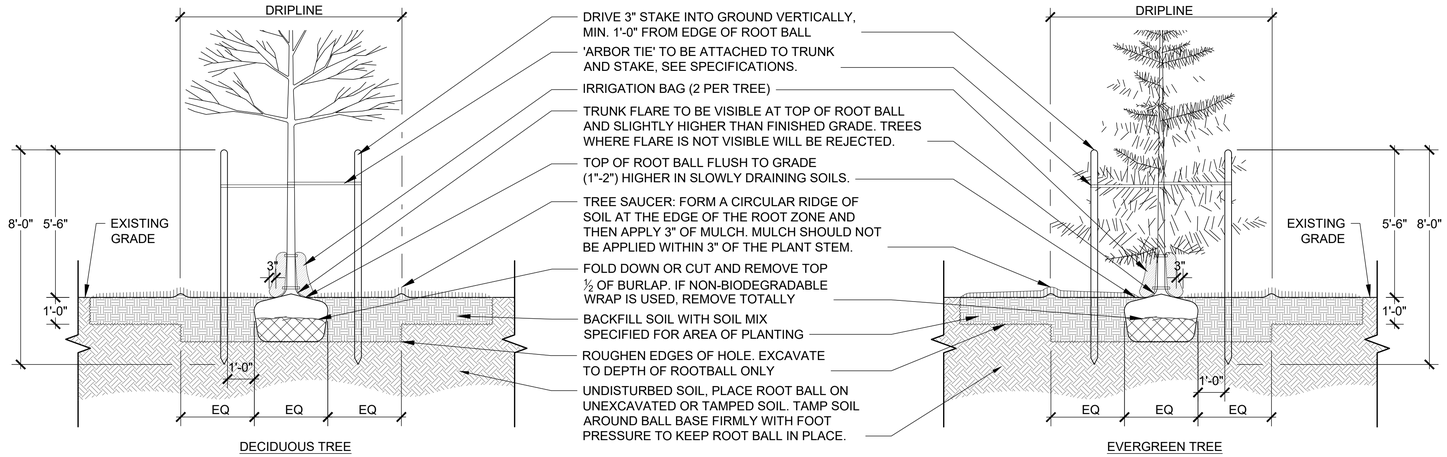
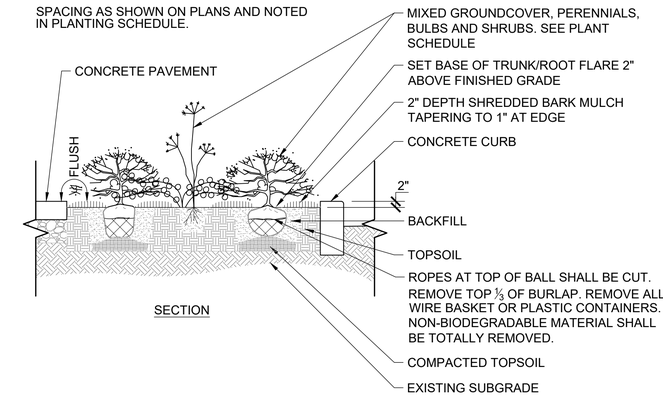


DECIDUOUS TREE

EVERGREEN TREE

TREE PLANTING - TYP 1

3/8" = 1' - 0"



SECTION

GROUND COVER PERENNIAL & SHRUB PLANTING

3/8" = 1' - 0"

PLAN - PLANTING LAYOUT

PLUG PLANTING - TYP 3

3/8" = 1' - 0"

TREE ON SLOPE

SHRUB ON SLOPE

SECTION

NOTES:

1. ELONGATED PITS MAY BE USED ON SLOPES AS DIRECTED BY THE ENGINEER, RECTANGULAR OR SQUARE PITS ARE ACCEPTABLE PROVIDED THEY ACCOMMODATE THE PLANTS AS SHOWN
2. PLANTS TO BE SET VERTICALLY, NOT PERPENDICULAR TO SLOPE.

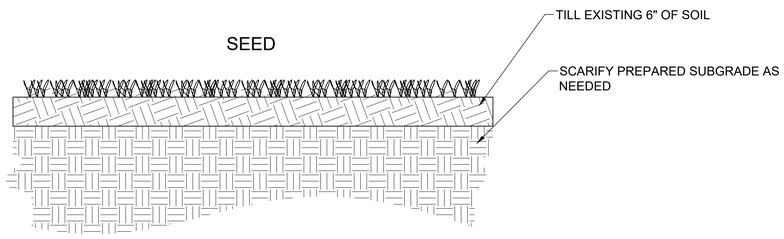
ELONGATED PLANTING PIT PLAN

PLANTING TREES AND SHRUBS ON SLOPE - TYP 4

3/8" = 1' - 0"

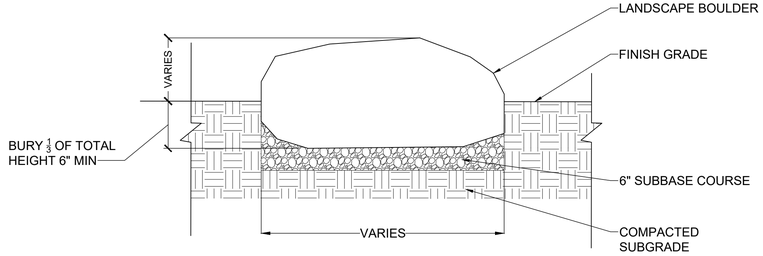
NOTE:

1. SEE SPEC SECTION 329200 TURF AND GRASSES FOR HYDROSEEDING.



TURF ESTABLISHMENT - TYP 5

3/4" = 1' - 0"



BOULDER DETAIL 6

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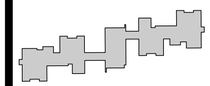

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Revisions

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Client

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Project Title

TABLER QUAD NEW RESIDENCE HALL

500 Circle Road
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LANDSCAPE PLANTING DETAILS

Phase

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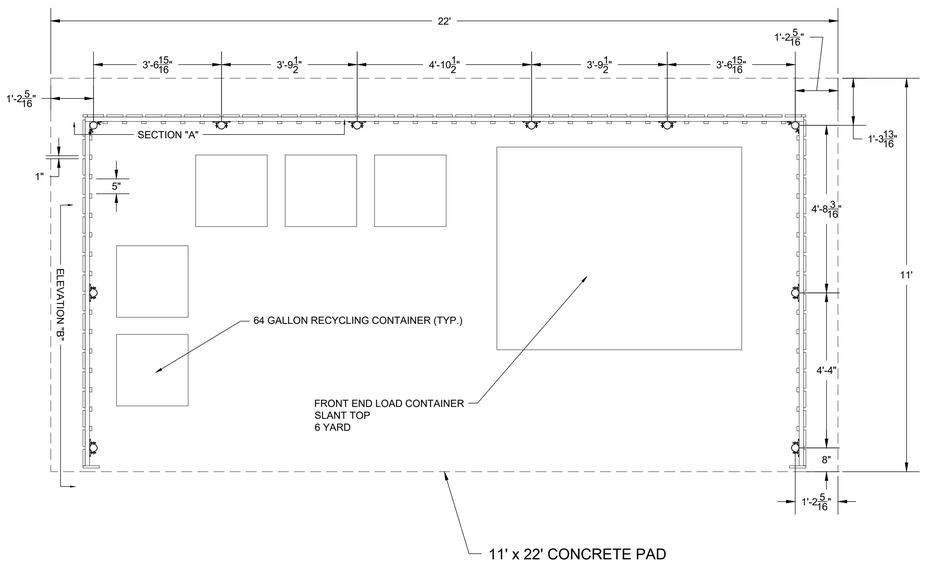
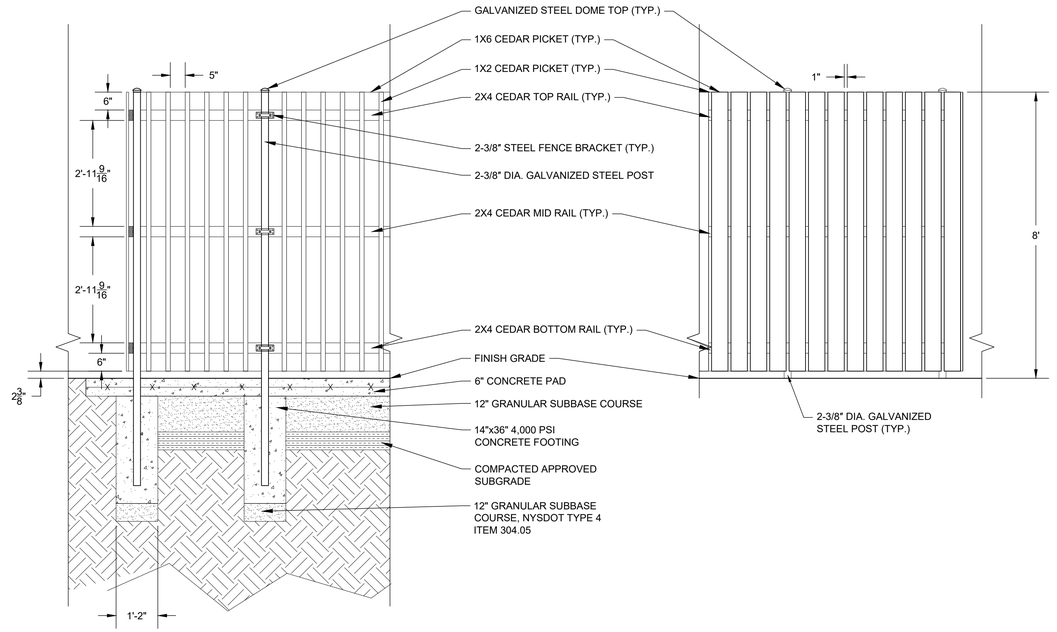


SHADOWBOX STYLE WOODEN FENCE PLAN - TYP 1

1/2" = 1' - 0"

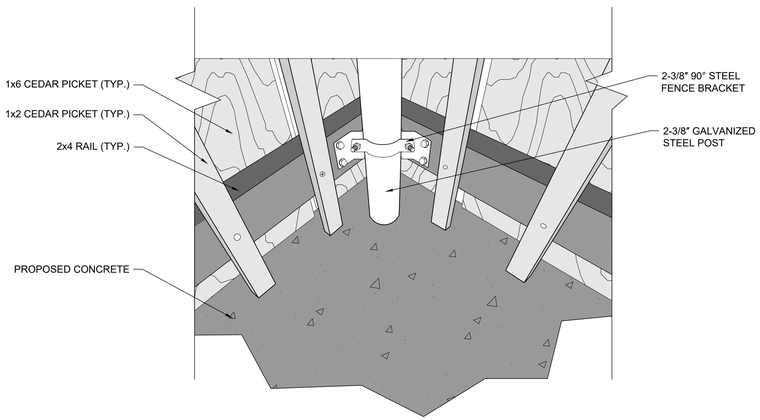


SECTION "A"

ELEVATION "B"

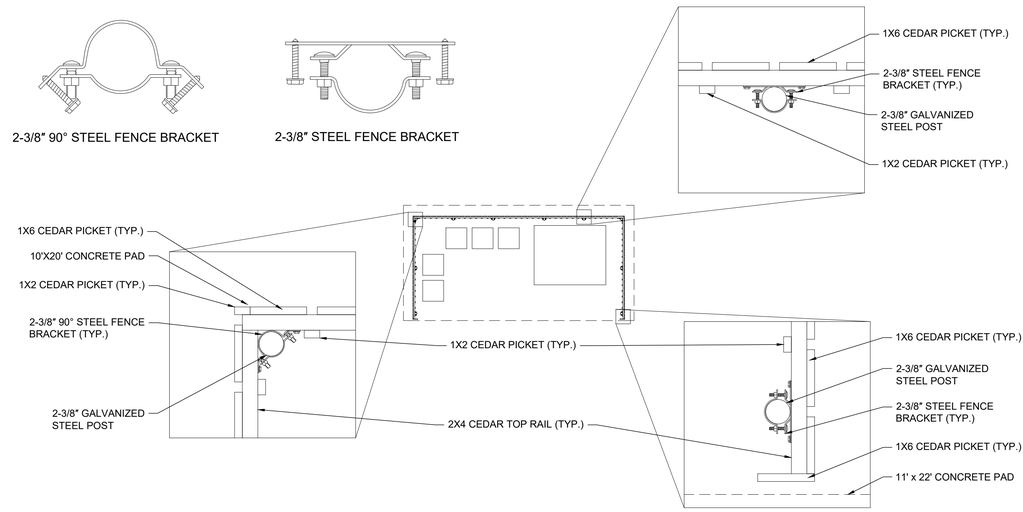
SHADOWBOX STYLE WOODEN FENCE SECTIONS - TYP 2

1/2" = 1' - 0"



SHADOWBOX STYLE WOODEN FENCE AXON - TYP 3

NTS



SHADOWBOX STYLE WOODEN FENCE BRACKETS - TYP 4

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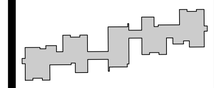

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LANDSCAPE WOOD FENCE DETAILS

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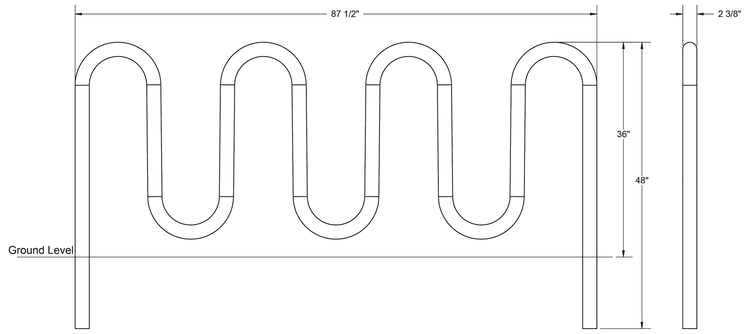
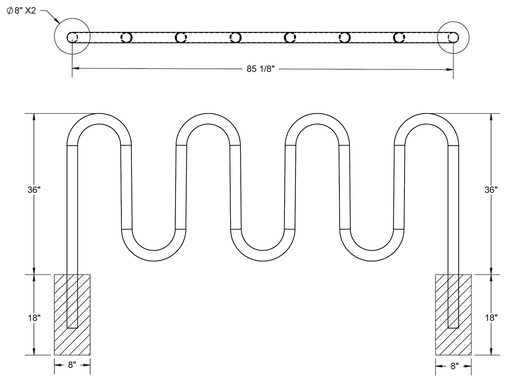
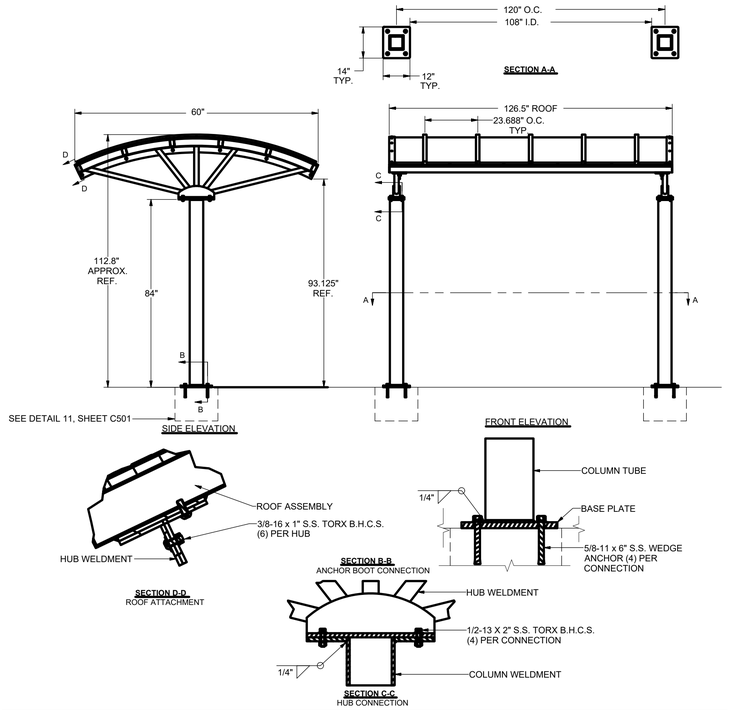


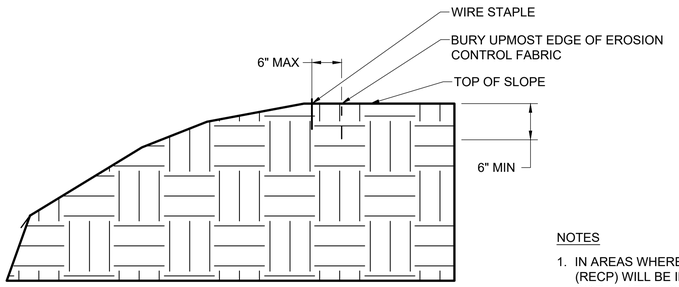
BIKE RACK ELEVATION 1
½" = 1' - 0"



BIKE RACK FOUNDATION 2
½" = 1' - 0"



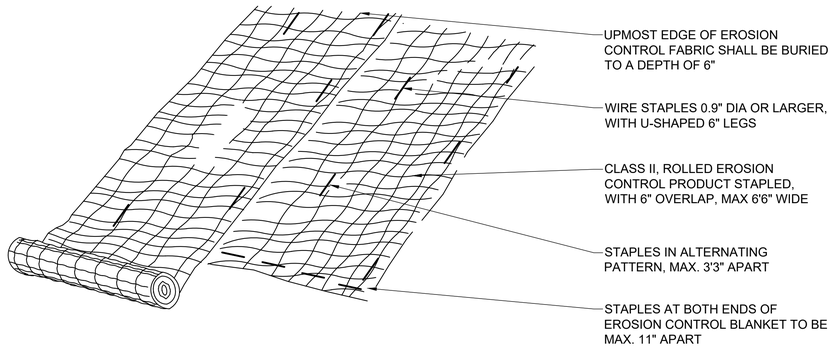
AXLE BIKE SHELTER 3



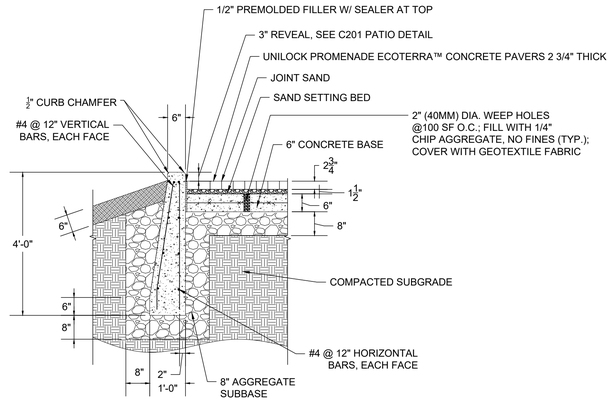
SECTION

NOTES

1. IN AREAS WHERE ROLLED EROSION CONTROL PRODUCT (RECP) WILL BE INSTALLED, PLANTING SHALL OCCUR AFTER INSTALLATION OF RECP. THE RECP WILL BE CUT TO ALLOW PLANT INSTALLATION, AND THEN RESTAPLED A MAX. OF 11" APART. CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE PLANT MATERIAL WHEN INSTALLING STAPLES.



ROLLED EROSION CONTROL CLASS II, TYPE C 4
NTS



PATIO CONCRETE PAVERS, CURB 5
½" = 1' - 0"

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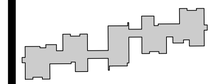

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Client
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LANDSCAPE BIKE RACK AND SHELTER DETIALS

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