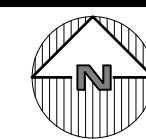
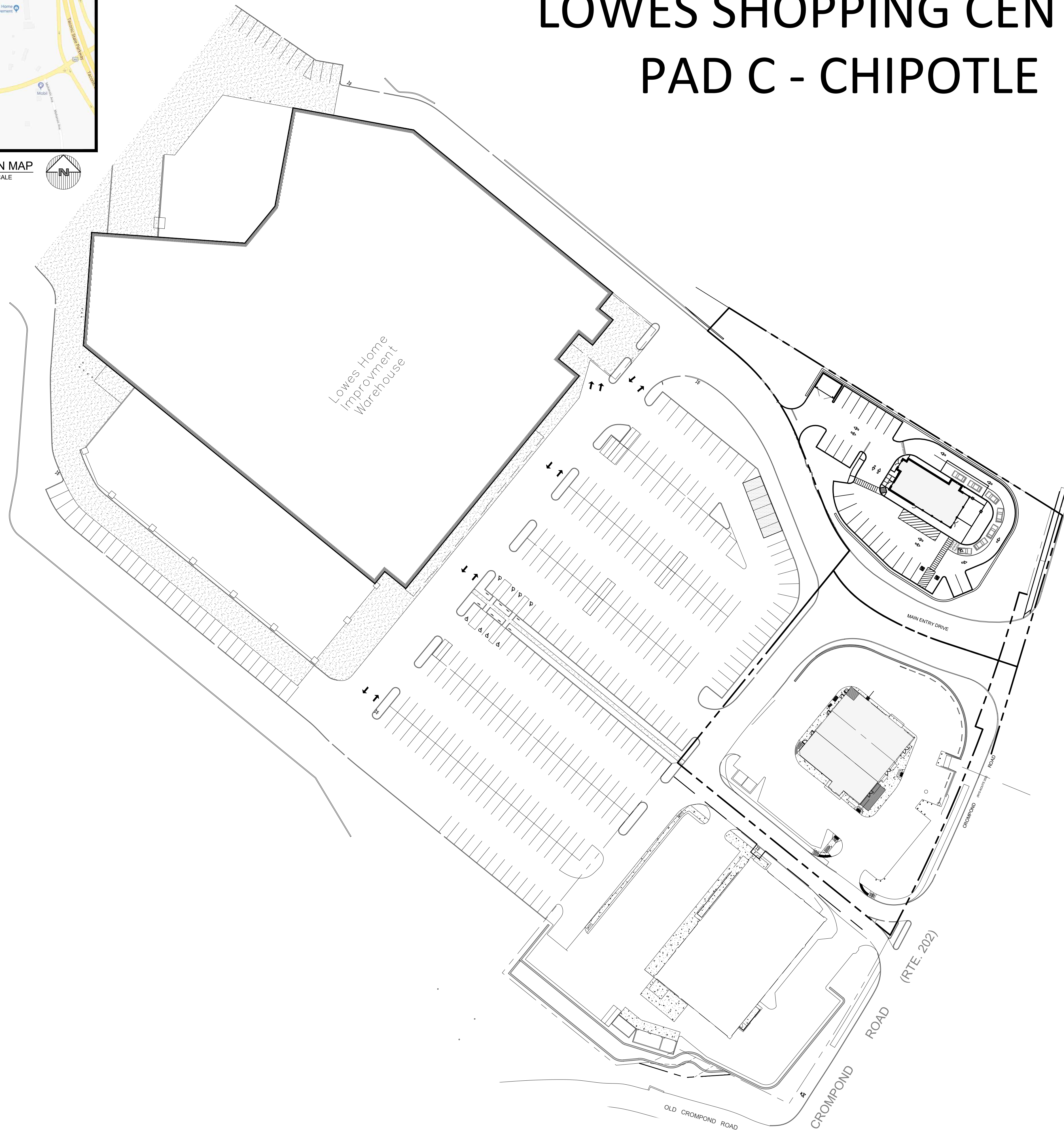


LOCATION MAP
NOT TO SCALE



LOWES SHOPPING CENTER PAD C - CHIPOTLE



SITE DATA:

OWNER / DEVELOPER: YORKTOWN JAZ #3 LLC
500 OLD COUNTRY ROAD
GARDEN CITY, NY 11530
3180 CROMPOND ROAD
YORKTOWN, NY, 10598

PROJECT LOCATION: C-3, HIGHWAY COMMERCIAL
C-3, HIGHWAY COMMERCIAL
SECTION 26.19, BLOCK 1, LOT 1
0.95 ACRES (41,620 SF)

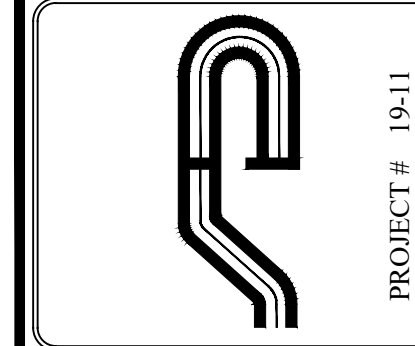
EXISTING TOWN ZONING: PUBLIC SEWERS
PROPOSED USE: PUBLIC WATER FACILITIES
TOWN TAX MAP DATA:
SITE AREA :
SEWAGE FACILITIES:
WATER FACILITIES:

ZONING SCHEDULE:

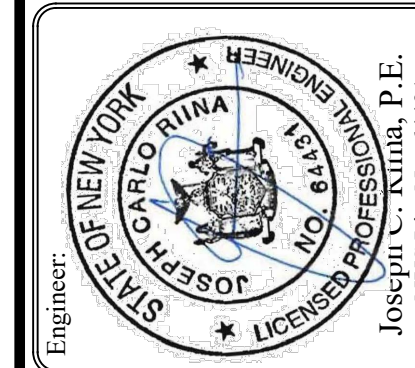
ZONING DISTRICT: C-3, HIGHWAY COMMERCIAL			
DIMENSIONAL REGULATIONS:	REQUIRED	PROPOSED	VARIANCE REQUIRED
MINIMUM SIZE OF LOT:			
MINIMUM LOT AREA:	10,000	41,620 SF.	NONE
MINIMUM LOT WIDTH:	100	130 FT.	NONE
MINIMUM LOT DEPTH:	NONE	390 FT.	NONE
MINIMUM YARD DIMENSIONS:			
PRINCIPAL BUILDING:			
FRONT YARD SETBACK:			
WITHOUT PARKING:	30 FT.	---	---
WITH PARKING:	75 FT.	86.6 FT.	NONE
REAR YARD SETBACK:	30 FT.	214.8 FT.	NONE
ONE SIDE YARD SETBACK:	25 FT.	25 FT.	NONE
MAXIMUM % OF LOT TO BE OCCUPIED:			
PRINCIPAL BUILDING COVERAGE:	30% OF LOT AREA 18,348 SF	5.7% 2,383 SF	NONE
MAXIMUM HEIGHT:			
PRINCIPAL BUILDING - FEET:	35 FEET	35 FT MAX	NONE
PRINCIPAL BUILDING - STORIES:	3	3 MAX	NONE

PARKING SCHEDULE

REQUIRED PARKING: (SEE NOTES BELOW)	RESTAURANT: ONE SPACE PER 50 SF OF PATRON SPACE + ONE SPACE PER 100 SF OF FOOD PREP AND ANCILLARY USE
	PROPOSED RESTAURANT 1 PER 50 SF OF PATRON SPACE @ 800 SF = 16 SPACES (2,383 SF) 1 PER 100 SF OF ANCILLARY USE @ 1,583 SF = 16 SPACES
	TOTAL REQUIRED PARKING 32 SPACES
PROVIDED PARKING:	24 STANDARD 2 HANDICAP
TOTAL PROVIDED PARKING:	26 SPACES
SHARED PARKING SPACES REQ'D:	6 SPACES



Site Design Consultants
Civil Engineers • Land Planners
251-J Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com



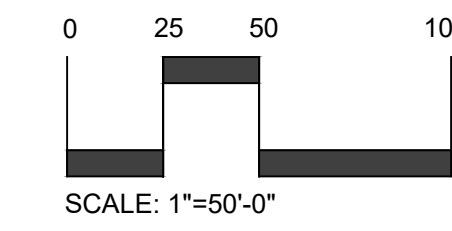
Revisions:	No.	Date	Comments
	1	11/29/22	Plan Update
	2	12/12/22	Plan Update
	3	1/10/23	Plan Update

SCALE: 1" = 50'
DRAWN BY: TK
DATE: 10/21/22

TITLE SHEET

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOND ROAD
Westchester County, New York
Town of Yorktown

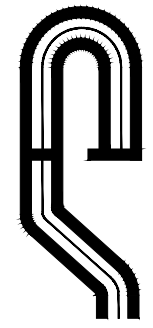
Sheet **T-1**



E:\2020\1811\LOWES - BRESLIN REALTY\2020\ENGINEERING\CADD\21-PAD-C\DWG\1811-BRESLIN.BLDG.PAD.C - CHIPOTLE.dwg, 12:30:22 NO DRAINAGE.DWG, 10/21/2022 3:53:28 PM

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

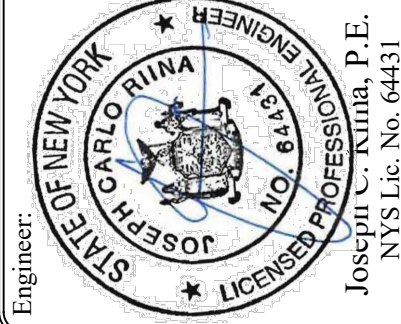
COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



PROJECT # 19-11

Site Design Consultants

Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com



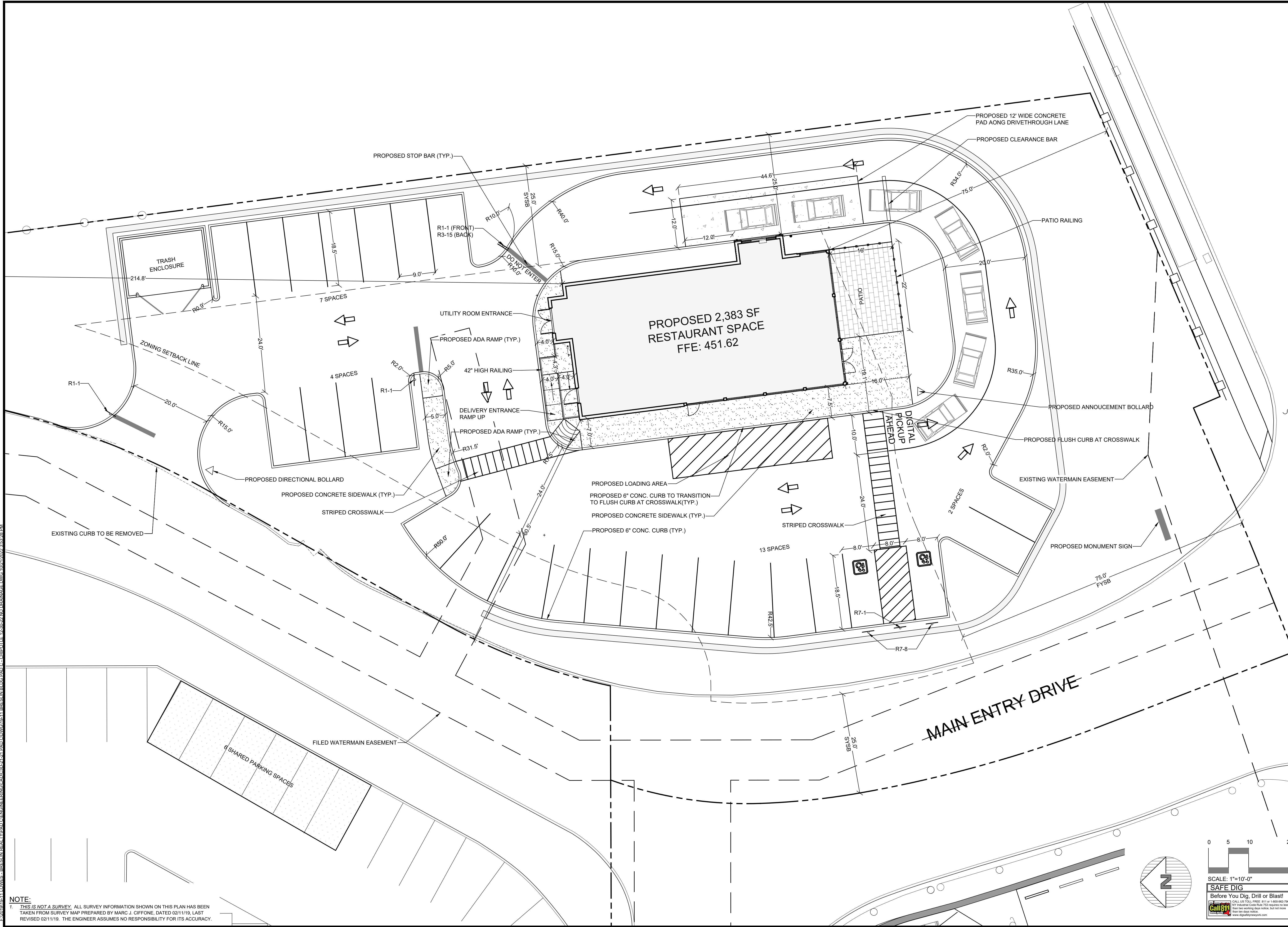
Revisions:	No.	Date	Comments
	1	11/29/22	Plan Update
	2	12/12/22	Plan Update
	3	1/10/23	Plan Update

SCALE:	1" = 10'
DRAWN BY:	TK
DATE:	10/21/22

SITE PLAN

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOND ROAD
Town of Yorktown Westchester County, New York

Sheet **C-101**



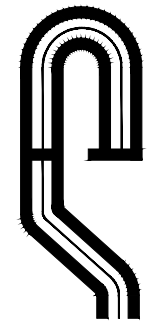
NOTE:
1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY MARC J. CIFFONE, DATED 02/11/19. LAST REVISED 02/11/19. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

0 5 10 20
SCALE: 1"=10'-0"

SAFE DIG
Before You Dig, Drill or Blast!
Call 811
www.call811.com

E:\2018\18-11 LOWES - BRESLIN REALTY\2022\ENGINEERING\CADD\21-PAD-C\DWG\18-11-BRESLIN-BLDG-PAD-C-CHEMOTILE-12-30-22-NO-DRAINAGE.DWG, 10/21/2022, 3:53:28 PM

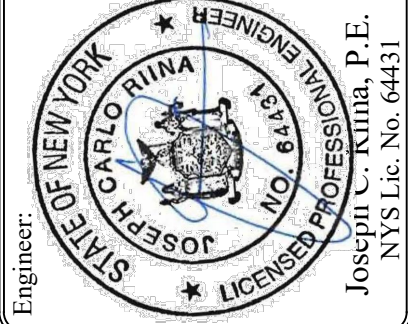
COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



PROJECT # 19-11

Site Design Consultants

Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com



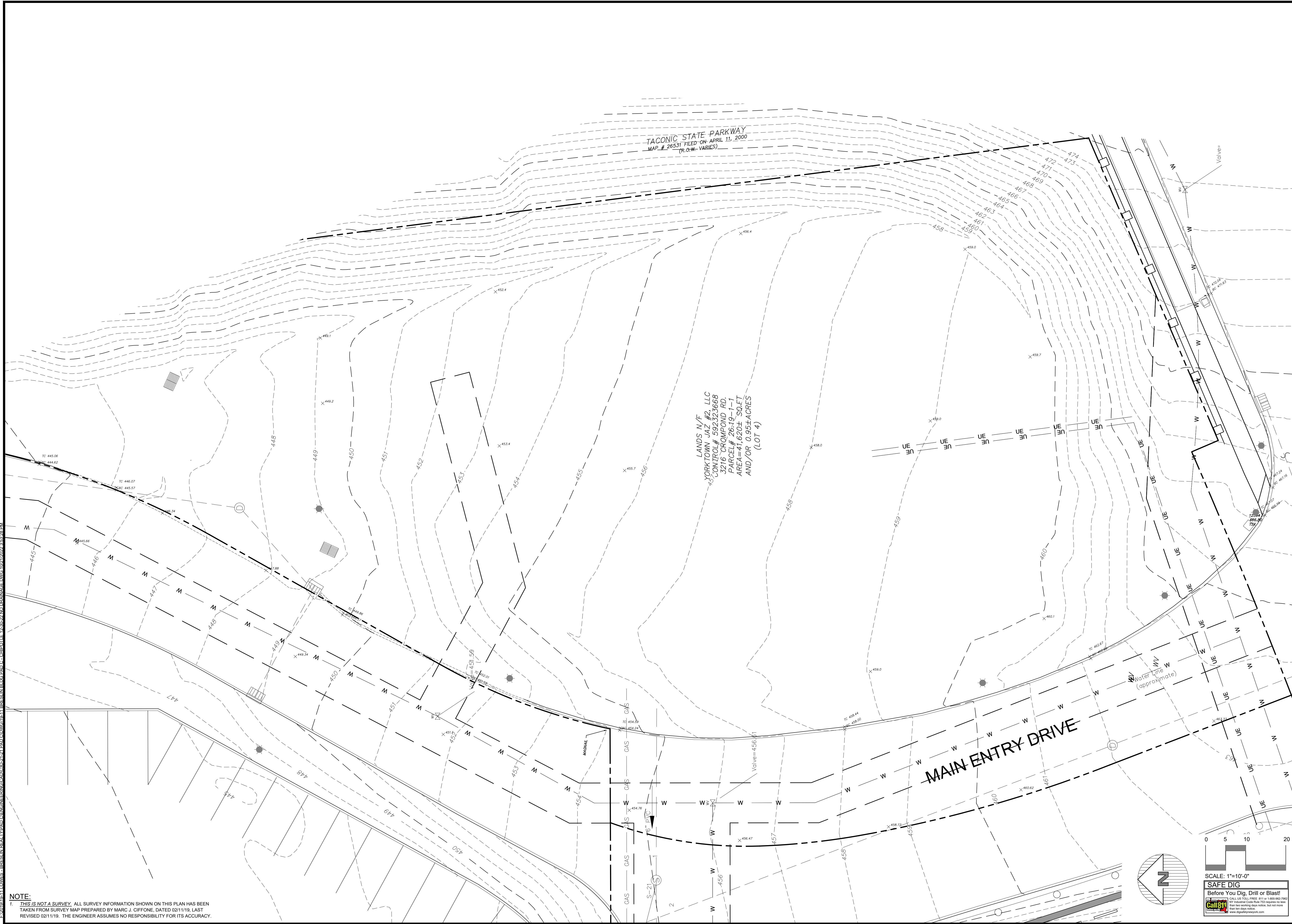
Revisions:	No.	Date	Comments
	1	11/29/22	Plan Update
	2	12/12/22	Plan Update
	3	1/10/23	Plan Update

SCALE:	1" = 10'
DRAWN BY:	TK
DATE:	10/21/22

EXISTING CONDITIONS

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOND ROAD
Town of Yorktown
Westchester County, New York

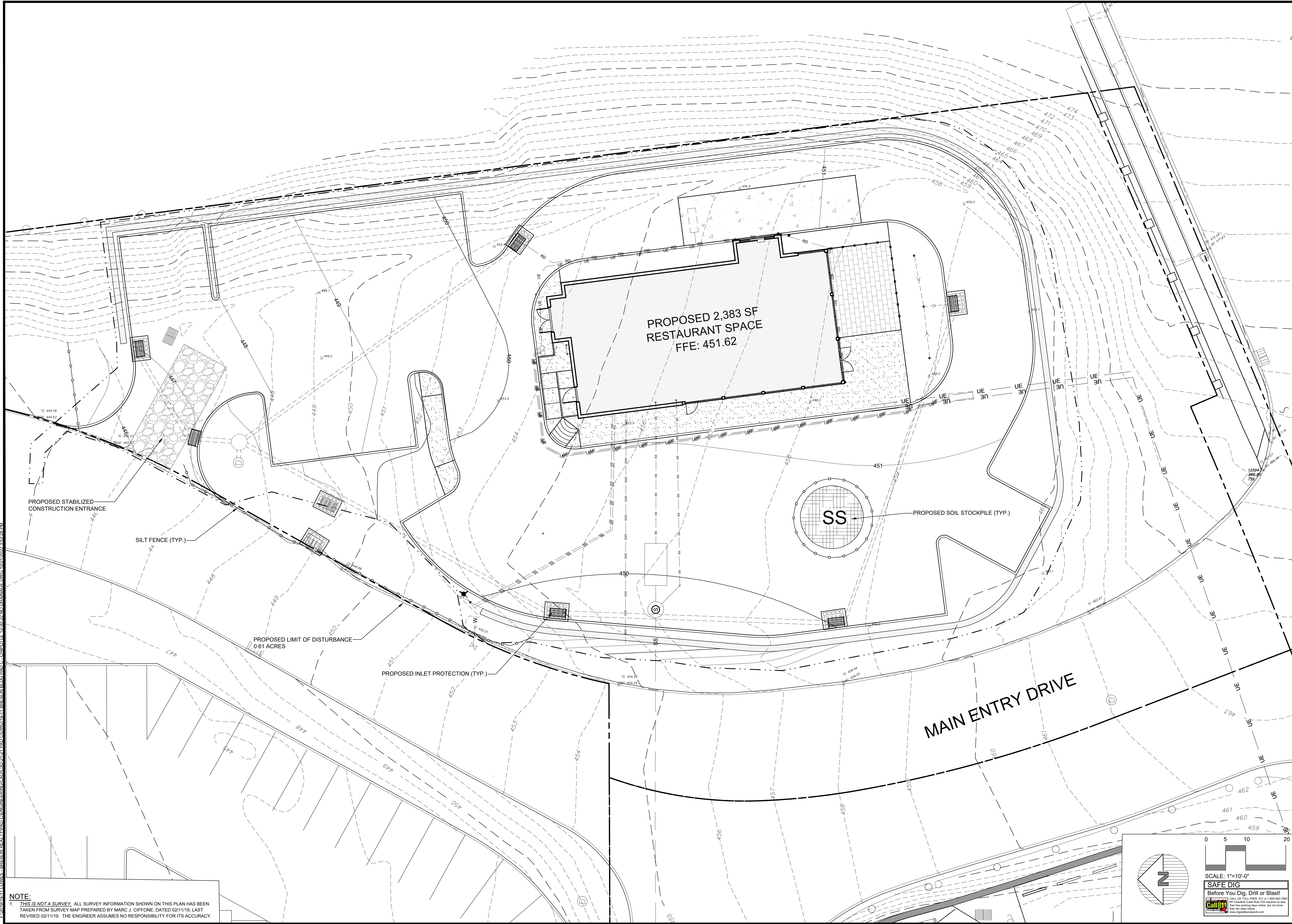
Sheet **C-102**



NOTE:
1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY MARC J. CIFFONE, DATED 02/11/19. LAST REVISED 02/11/19. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

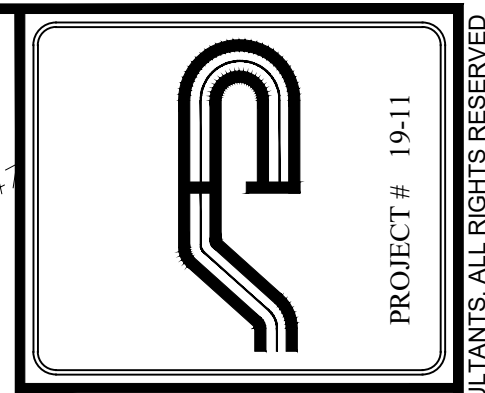
NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2)(f) OF THE NEW YORK STATE EDUCATION LAW.

COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



NOTE:
 1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY MARC J. CIFFONE, DATED 02/11/19. LAST REVISED 02/11/19. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.



PROJECT # 19-11

Site Design Consultants

Civil Engineers • Land Planners
 251-J Underhill Avenue, Yorktown Heights, NY 10598
 (914) 962-4488 - Fax: (914) 962-7386
 www.sitedesignconsultants.com



Revisions:	No.	Date	Comments
	1	11/29/22	Plan Update
	2	12/12/22	Plan Update
	3	1/10/23	Plan Update

SCALE:	1" = 10'
DRAWN BY:	TK
DATE:	10/21/22

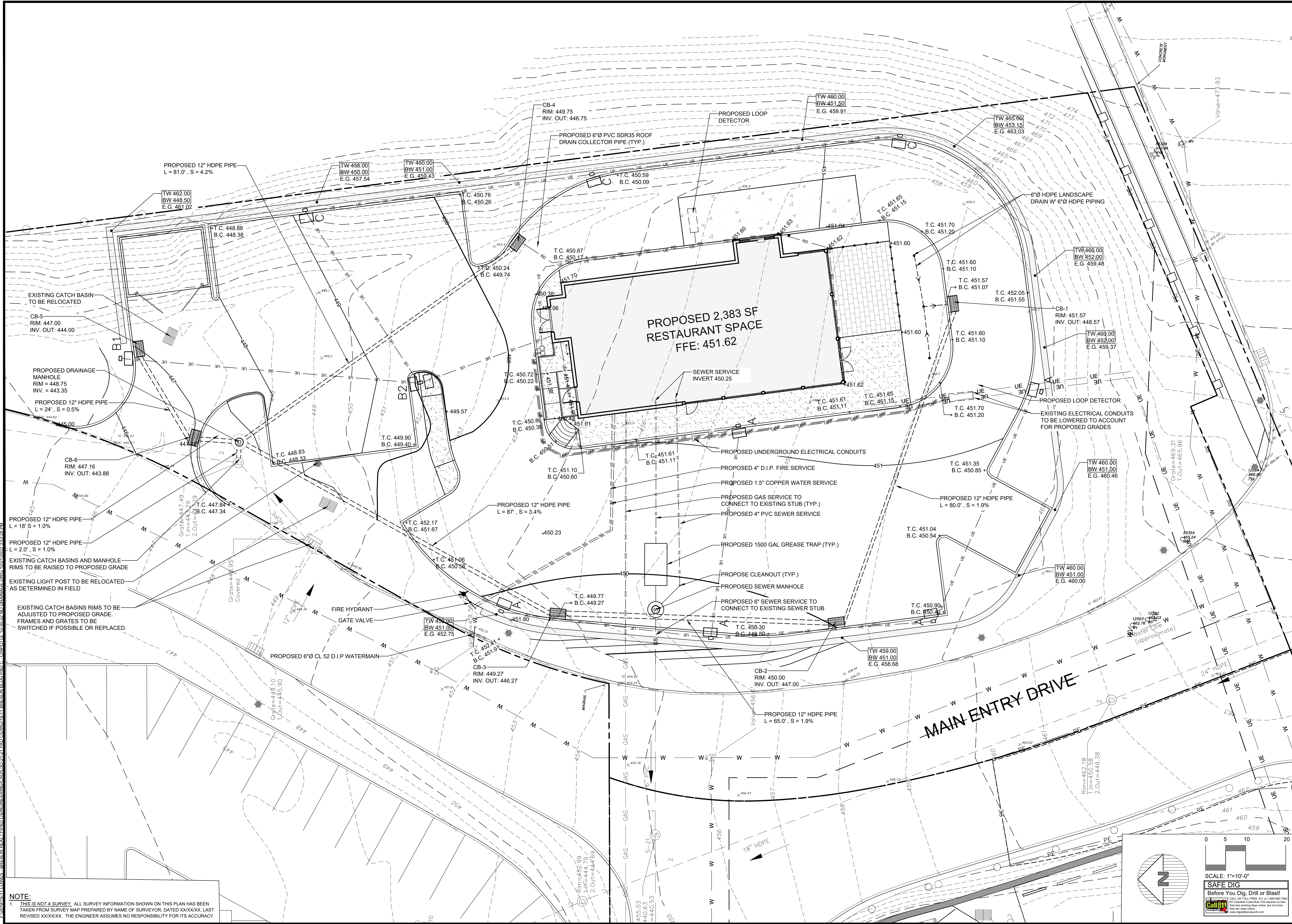
E&S PLAN

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
 CROMPOND ROAD
 Town of Yorktown Westchester County, New York

Sheet **C-103**

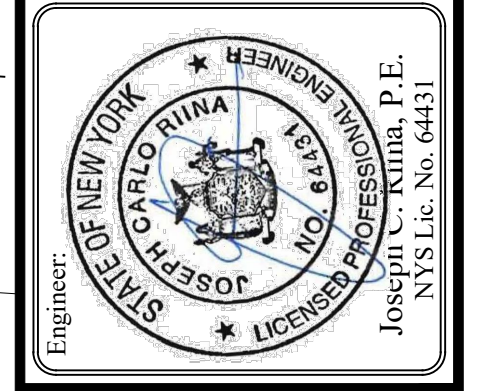


COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



NOTE:
 1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY NAME OF SURVEYOR, DATED XXXXXX, LAST REVISED XXXXXX. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2)(F) OF THE NEW YORK STATE EDUCATION LAW.



No.	Date	Comments
1.	11/29/22	Plan Update
2.	12/12/22	Plan Update
3.	1/10/23	Plan Update

SCALE: 1" = 10'
 DRAWN BY: TK
 DATE: 10/21/22

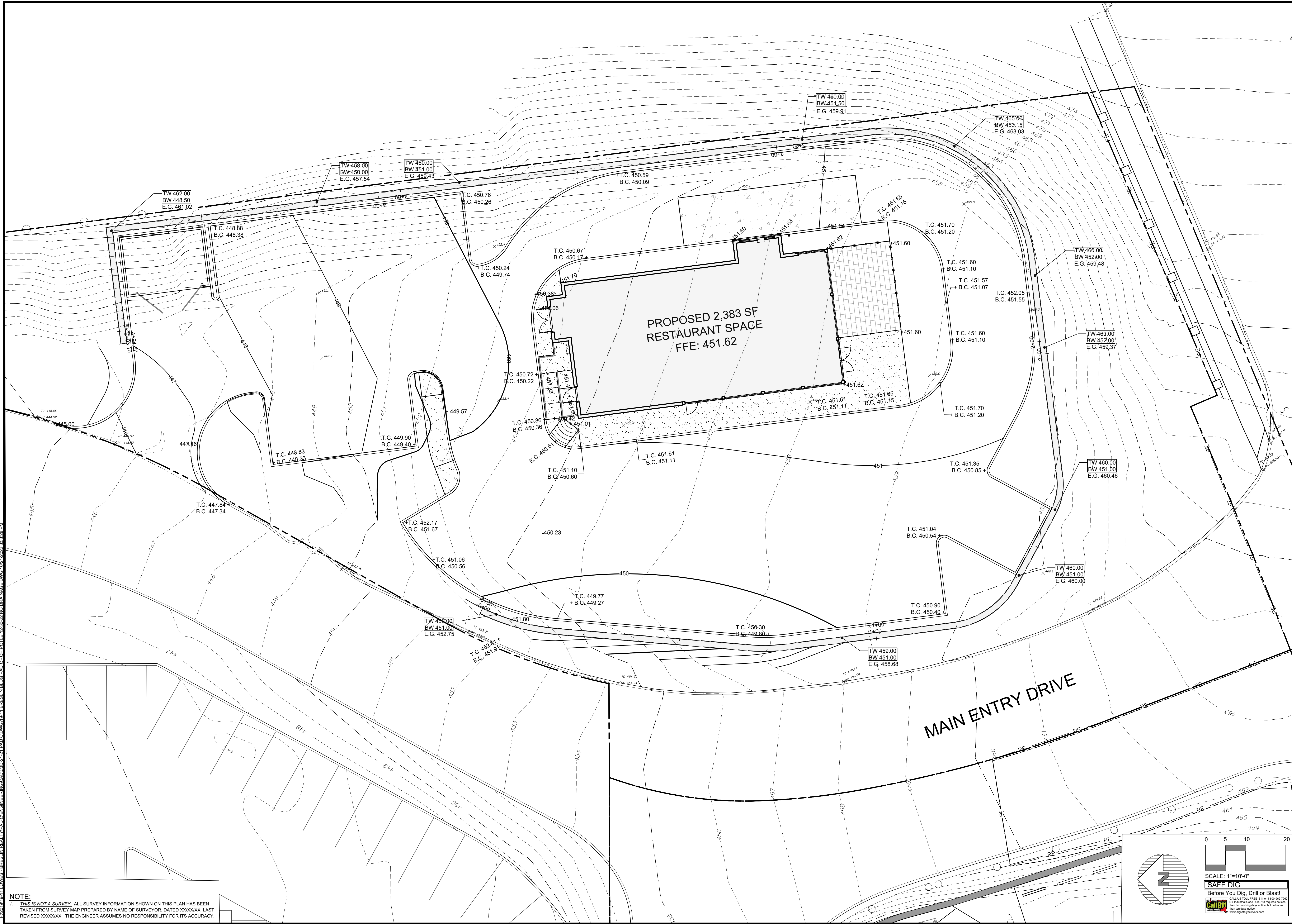
IMPROVEMENT PLAN

SITE PLAN PREPARED FOR
PAD C
 CROMPOD ROAD
 Town of Yorktown
 Westchester County, New York

SCALE: 1" = 10'-0"

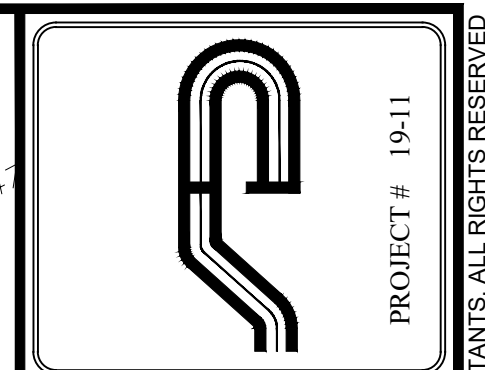
SAFE DIG
 Before You Dig, Drill or Blast!
 Call 811

COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.

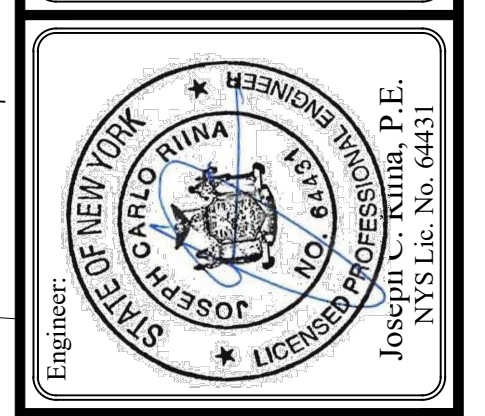


NOTE:
 1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY NAME OF SURVEYOR, DATED XXX/XXX, LAST REVISED XXXXXX. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.



Site Design Consultants
 Civil Engineers • Land Planners
 251-F Underhill Avenue, Yorktown Heights, NY 10598
 (914) 962-4488 - Fax: (914) 962-7386
 www.sitedesignconsultants.com



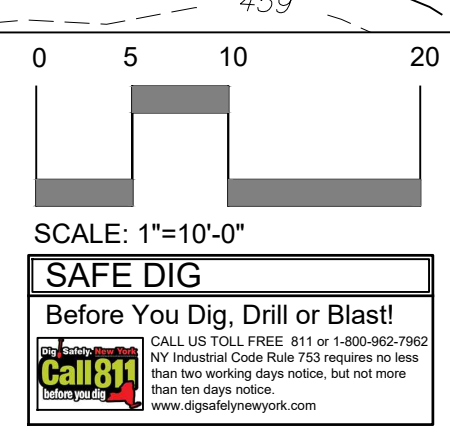
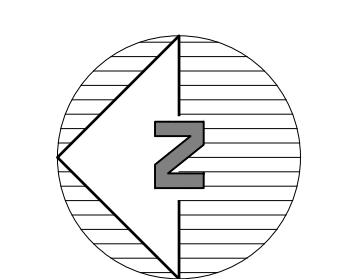
Revisions:	No.	Date	Comments
	1.	10/07/22	Update of elevs
	2.	11/29/22	Plan Update
	3.	12/02/22	Plan Update

SCALE:	1" = 10'
DRAWN BY:	TK
DATE:	10/21/22

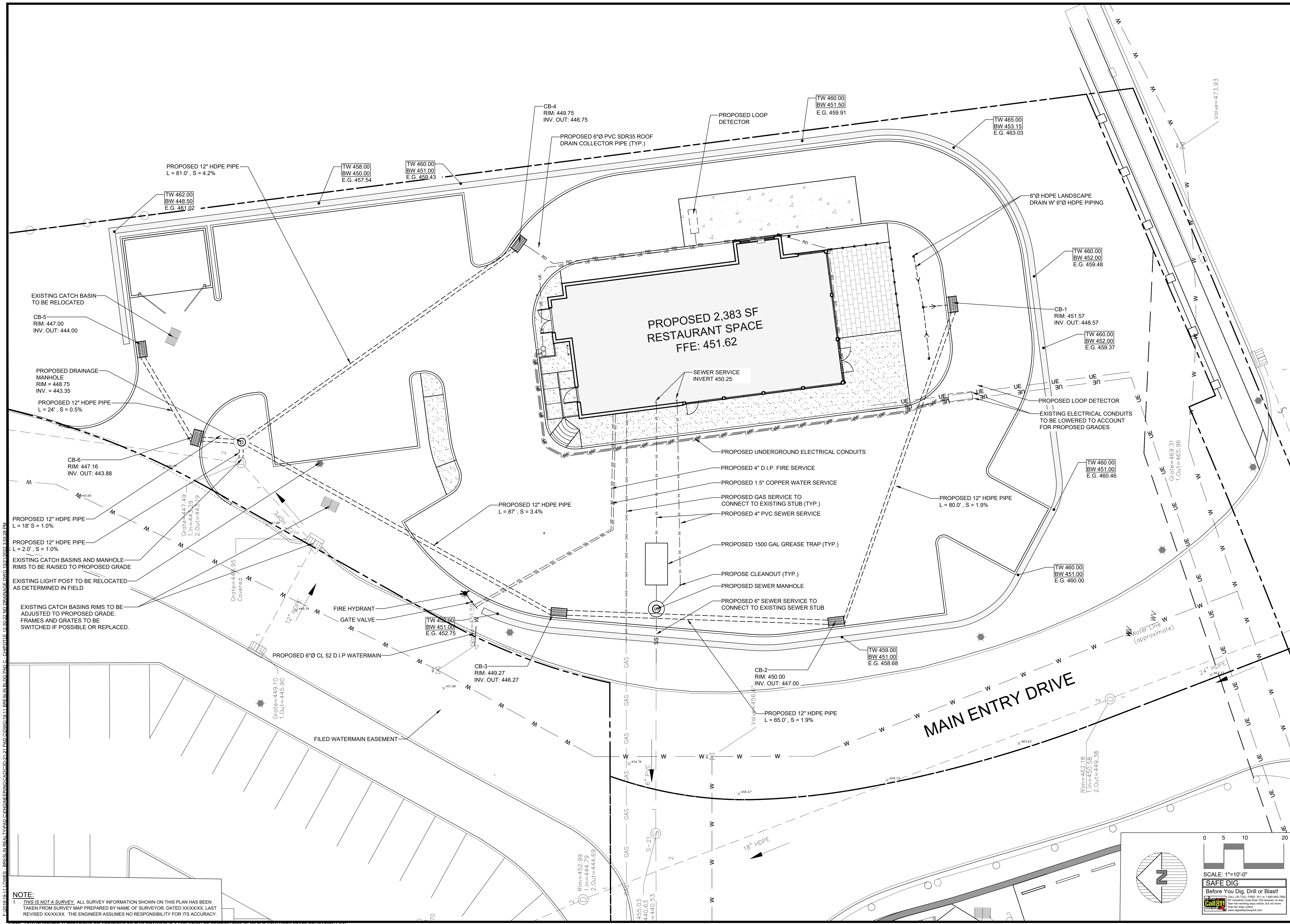
GRADING PLAN

SITE PLAN PREPARED FOR
PAD C
 CROMPOND ROAD
 Yorktown
 Westchester County, New York

Sheet **C-105**



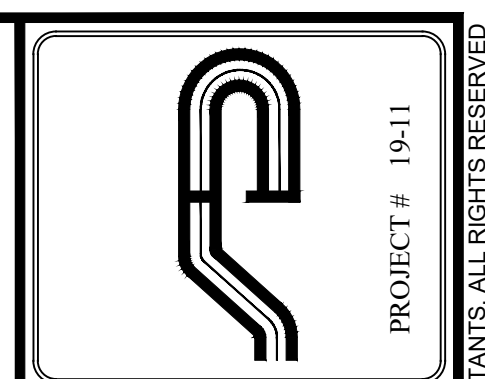
COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



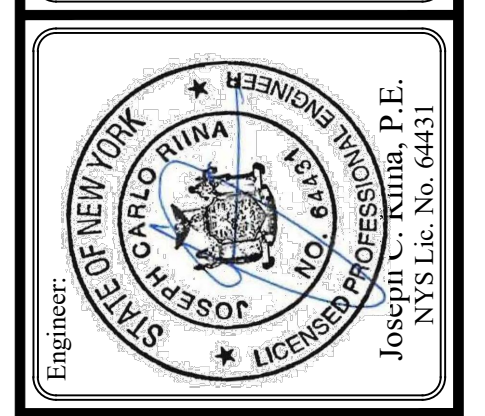
E:\2018\18.11.LOWES - BRESLIN REALTY\ROAD ENGINEERING\CADD\21-241.BAD.C\DWG\18.11.BRESLIN BLDG PAD_C - CHEQUITE 12.30.22.NO DRAINAGE.DWG 10/21/22 3:53:28 PM

NOTE:
 1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY NAME OF SURVEYOR, DATED XXXXXX, LAST REVISED XXXXXX. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2)(F) OF THE NEW YORK STATE EDUCATION LAW.



Site Design Consultants
 Civil Engineers • Land Planners
 251-J Underhill Avenue, Yorktown Heights, NY 10598
 (914) 962-4488 - Fax: (914) 962-7386
 www.sitedesignconsultants.com



Revisions:

No.	Date	Comments
1.	11/29/22	Plan Update
2.	12/12/22	Plan Update
3.	1/10/23	Plan Update

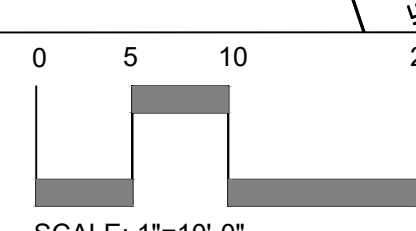
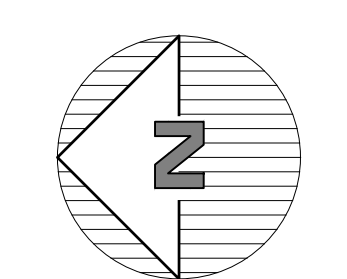
SCALE: 1" = 10'
 DRAWN BY: TK
 DATE: 10/21/22

UTILITY PLAN

SITE PLAN PREPARED FOR
PAD C
CROMPOND ROAD
 Westchester County, New York
 Town of Yorktown

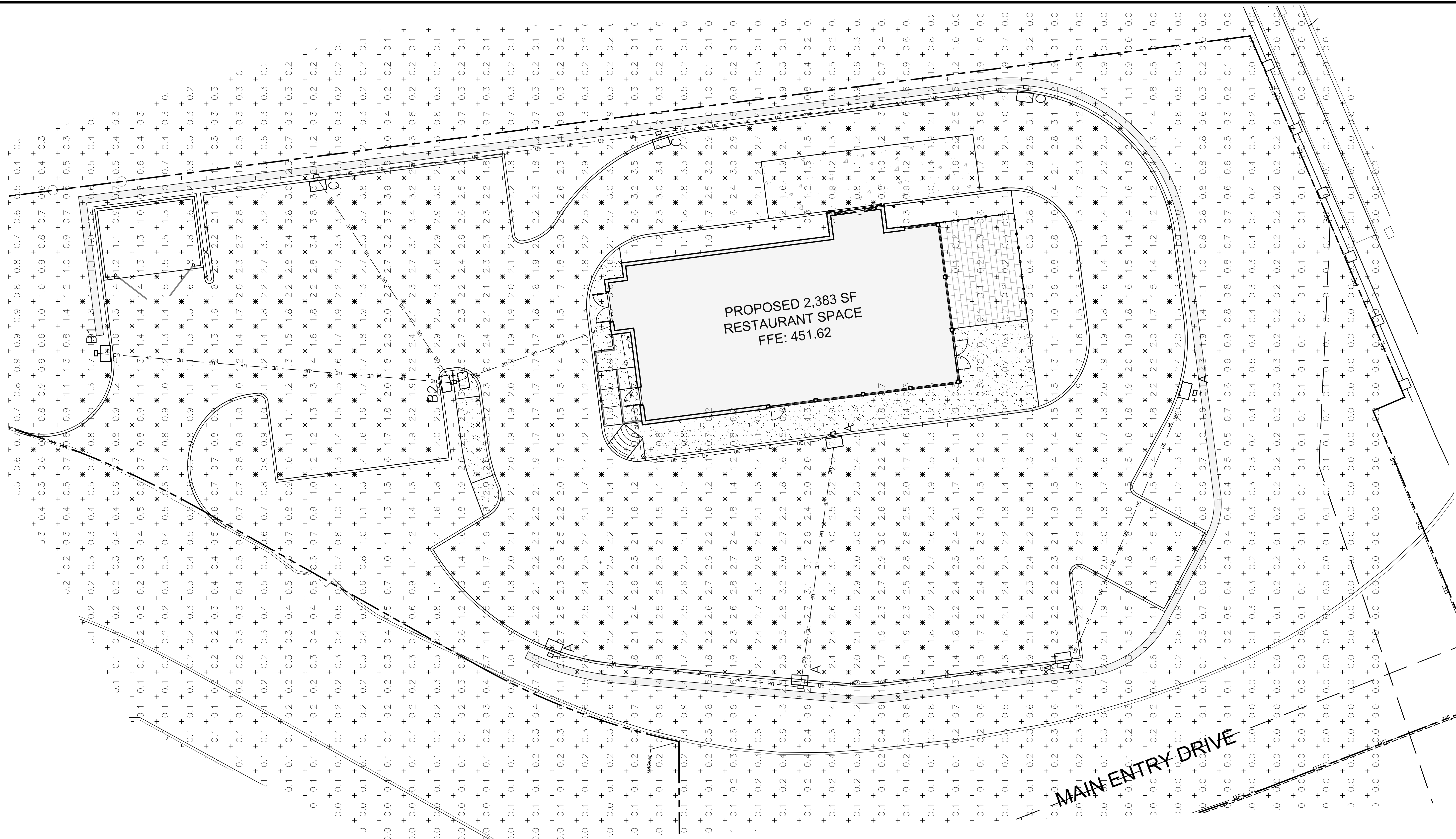
Sheet **C-106**

COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



SAFE DIG
 Before You Dig, Drill or Blast!
 Call 811

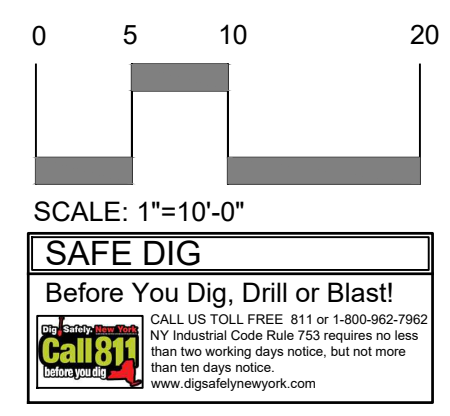
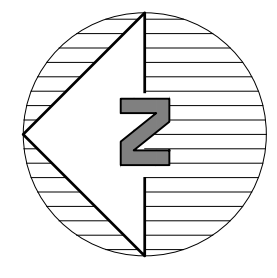
E:\2018\1811\LOWES - BRESLIN REALTY\PAD.CAD\DWG\1811_BRESLIN_BLDG_PAD_C - SHEET 12-30-22 NO DRAINAGE.DWG 10/21/2022 3:53:28 PM



Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
	A	5	Lithonia Lighting	DSXO LED P2 30K TFF	DSXO LED P2 30K TFFM MVOLT with houside shield	1	4353	0.9	49
	B1	1	Lithonia Lighting	DSXO LED P2 30K T5W	DSXO LED P2 30K T5W MVOLT	1	5751	0.9	49
	B2	1	Lithonia Lighting	DSXO LED P2 30K T5W	DSXO LED P2 30K T5W MVOLT	1	5751	0.9	98
	C	3	Lithonia Lighting	DSXO LED P2 30K BLC	DSXO LED P2 30K BLC MVOLT	1	4572	0.9	49

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Site	+	0.6 fc	3.9 fc	0.0 fc	N/A	N/A
Parking and Drives	X	2.0 fc	3.9 fc	0.6 fc	6.5:1	3.3:1

Note
 1. Fixtures Mounted at 16'
 2. Calculations Taken at Grade
 3. Calculations are estimations based on the information provided and may vary with actual conditions



NOTE:
 1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY MARC J. CIFFONE, DATED 02/11/19. LAST REVISED 02/11/19. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2)(b) OF THE NEW YORK STATE EDUCATION LAW.

Site Design Consultants
 Civil Engineers • Land Planners
 251-J Underhill Avenue, Yorktown Heights, NY 10598
 (914) 962-4488 - Fax: (914) 962-7386
 www.sitedesignconsultants.com

PROJECT # 19-11

Revisions:

No.	Date	Comments
1	11/29/22	Plan Update
2	12/12/22	Plan Update
3	1/10/23	Plan Update

SCALE: 1" = 10'

DRAWN BY: TK

DATE: 10/21/22

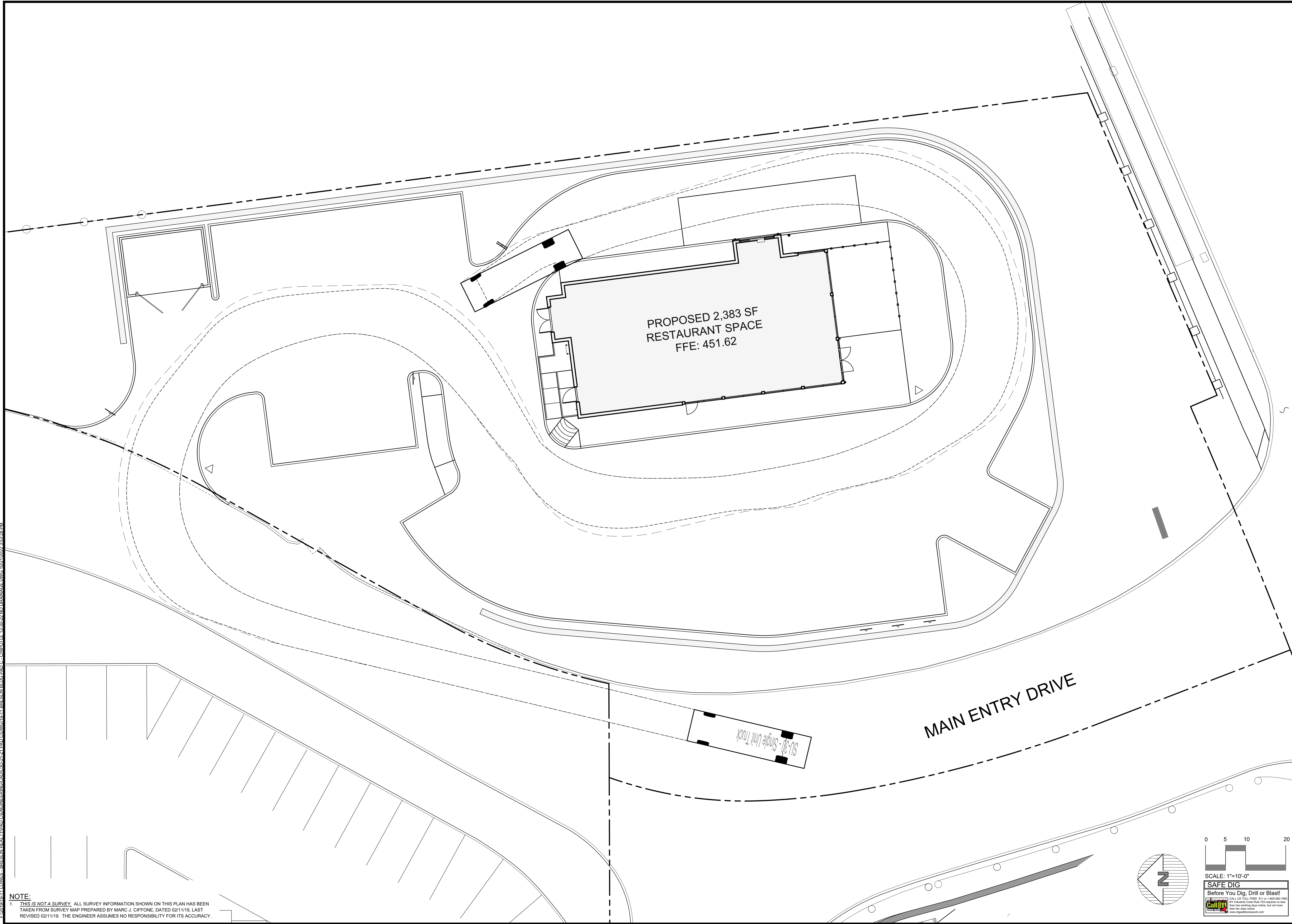
LIGHTING PLAN

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C

CROMPOND ROAD
 Yorktown
 Westchester County, New York

Sheet

C-107

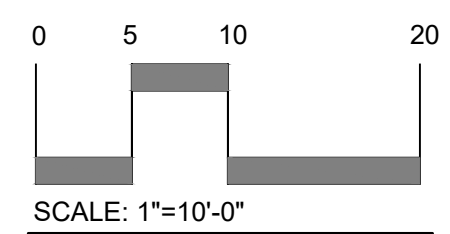
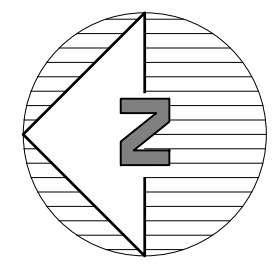


PROPOSED 2,383 SF
RESTAURANT SPACE
FFE: 451.62

MAIN ENTRY DRIVE

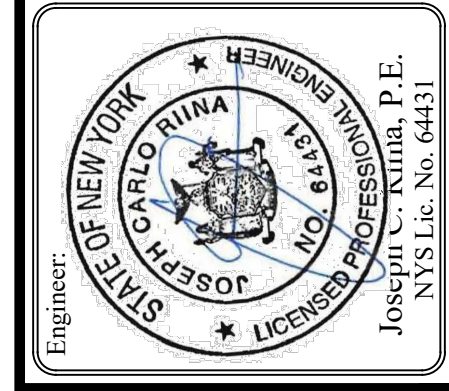
SL-30 - Single Unit Truck

NOTE:
1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY MARC J. CIFFONE, DATED 02/11/19. LAST REVISED 02/11/19. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



SCALE: 1"=10'-0"
SAFE DIG
Before You Dig, Drill or Blast!
Call 811
www.digbeforeyoudig.com

Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com



Revisions:

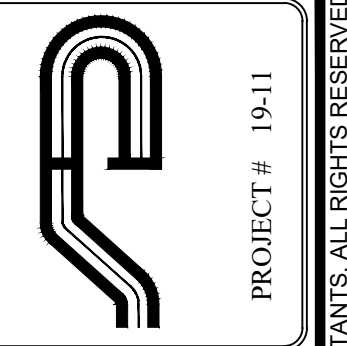
No.	Date	Comments
1.	11/29/22	Plan Update
2.	12/12/22	Plan Update
3.	1/10/23	Plan Update

SCALE: 1" = 10'
DRAWN BY: TK
DATE: 10/21/22

DELIVERY TRUCK MOVEMENT PLAN

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOND ROAD
Town of Yorktown
Westchester County, New York

Sheet **C-108**



PROJECT # 19-11
COPYRIGHT © 2022 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.

E:\2018\19-11 LOWES - BRESLIN REALTY\929AD.CAD\ENGINEERING\CAD\CAD-21.PAD.CAD\DWG\19-11.BRESLIN.BLDG.PAD.C - CHEBOTLE 12-30-22 NO DRAINAGE.DWG 10/21/2022 3:53:28 PM

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2)(f) OF THE NEW YORK STATE EDUCATION LAW.

GENERAL NOTES:

- 1. THE ENGINEER WHOSE SEAL APPEARS HEREON HAS NOT BEEN RETAINED FOR SUPERVISION OF CONSTRUCTION. SUBSEQUENTLY, HE IS NOT RESPONSIBLE FOR CONSTRUCTION AND THEREFORE ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION PRACTICES, PROCEDURES, AND RESULTS THEREFROM.
- 2. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE OR HELD ACCOUNTABLE FOR THE INTEGRITY OF ANY STRUCTURES CONSTRUCTED OR UNDER CONSTRUCTION PRIOR TO THE APPROVAL OF THE PLANS.
- 3. THE TOWN ENGINEER'S OFFICE AND WATER DISTRICT OFFICE IS TO BE NOTIFIED 24 HOURS BEFORE COMMENCING SITE CONSTRUCTION OR WATER MAIN CONNECTION.
- 4. ALL WORK IS TO BE IN ACCORDANCE WITH THE TOWN'S CODE OF PRACTICE AND SPECIFICATIONS.
- 5. ALL CONDITIONS, LOCATIONS, AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
- 6. ALL CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
- 7. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
- 8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL IN A 'CODE 753' PRIOR TO CONSTRUCTION FOR UNDERGROUND UTILITY LOCATIONS.
- 9. CONTRACTOR TO VERIFY ALL SUBSTRUCTURES ENCOUNTERED DURING CONSTRUCTION.
- 10. ANY PROPOSED ELECTRIC AND/OR TELEPHONE SERVICE LINES ARE TO BE PLACED UNDERGROUND.
- 11. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 12. THE DESIGN ENGINEER DISCLAIMS ANY LIABILITY FOR DAMAGE OR LOSS INCURRED DURING OR AFTER CONSTRUCTION.
- 13. THE CONTRACTOR SHALL OBTAIN A COPY AND BE FAMILIAR WITH THE TOWN OF SOMERS 'SUBDIVISION ROAD CONSTRUCTION SPECIFICATIONS' CHAPTER A174 OF THE TOWN CODE. THE CONTRACTOR SHALL BE RESPONSIBLE TO ADHERE TO THESE SPECIFICATIONS.

CONTRACTOR RESPONSIBILITIES:

- 1. ALL WORK ON THE PROJECT SHALL BE PERFORMED IN A WORKMAN LIKE MANNER AND SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INDUSTRY. THE OWNER WILL BE THE SOLE JUDGE OF THE ACCEPTABILITY OF THE WORK. MATERIALS AND WORK DEEMED UNACCEPTABLE WILL BE REMOVED AND REDONE AT THE SOLE COST AND RESPONSIBILITY OF THE CONTRACTOR.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT HIS WORK AND WILL BE HELD RESPONSIBLE FOR CONSEQUENTIAL DAMAGES DUE TO HIS ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEE, AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY THE WORK UNDER A SEPARATE CONTRACT WITH THE CONTRACTOR.
- 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY SHORE EXISTING UTILITIES IF REQUIRED BY CONSTRUCTION.
- 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE THE BUILDING INSPECTOR IN ADVANCE OF HIS WORK OR AS THE INSPECTOR DEEMS APPROPRIATE.
- 5. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE OWNER/ENGINEER NOTIFIED IN WRITING OF ANY DISCREPANCIES PRIOR TO THE START OF WORK. THE OWNER/ENGINEER WILL EVALUATE THE SITUATION AND MODIFY THE PLANS AS NECESSARY.
- 6. ALL CHANGES MADE TO THIS PLAN SHALL BE APPROVED BY THE ENGINEER WHOSE SEAL APPEARS ON THESE DRAWINGS. ANY UNAUTHORIZED ALTERATION OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.
- 7. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
- 8. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THIS CONTRACT.
- 9. THE CONTRACTOR SHALL VERIFY ALL SUBSTRUCTURES ENCOUNTERED DURING CONSTRUCTION.
- 10. THE DESIGN ENGINEER DISCLAIMS ANY LIABILITY FOR DAMAGE OR LOSS INCURRED DURING OR AFTER CONSTRUCTION.
- 11. THE CONTRACTOR SHALL SECURE & PAY FOR A BUILDERS RISK POLICY TO COVER THE PERIOD OF CONSTRUCTION. THE ENGINEER & OWNER SHALL BE NAMED AS ADDITIONAL INSURED. ALL CONTRACTORS EMPLOYED AT THE SITE SHALL BE COVERED BY WORKMANS COMPENSATION.
- 12. ENGINEER WHOSE SEAL APPEARS HEREON HAS NOT BEEN RETAINED FOR SUPERVISION OF CONSTRUCTION, CONSEQUENTLY, HE IS NOT RESPONSIBLE FOR CONSTRUCTION AND THEREFORE ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION PRACTICES, PROCEDURES, AND RESULTS THEREFROM.
- 13. THE CONTRACTOR OR FIELD ENGINEER SHALL NOTIFY ALL AGENCIES 48 HR. PRIOR TO START OF THE SITE WORK.

GENERAL CONSTRUCTION NOTES:

- 1. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH CONSTRUCTION SPECIFICATIONS SET FORTH IN THESE DOCUMENTS AND LAND SUBDIVISION REGULATIONS OF THE TOWN OF YORKTOWN.
- 2. PERMANENT SURVEY MONUMENTS TO BE LOCATED WHERE SPECIFIED BY THE TOWN ENGINEER. BENCH MARKS USING NAVD DATUM SHALL BE OF SUCH ELEVATION THAT THE GROUND WILL SLOPE AWAY FROM IT IN ALL DIRECTIONS.
- 3. CONSTRUCTION ACTIVITY SHALL BE LIMITED FROM 8:00 A.M. TO 6 P.M., AND NO CONSTRUCTION ACTIVITY SHALL OCCUR ON SUNDAYS OR LEGAL NEW YORK STATE HOLIDAYS. WHERE BLASTING IS NECESSARY, IT SHALL OCCUR FROM MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 8:00 A.M. AND 6:00 P.M. NO BLASTING SHALL OCCUR ON HOLIDAYS, SATURDAY OR SUNDAY. ALL BLASTING SHALL ALSO BE COMPLETED IN ACCORDANCE WITH THE TOWN OF SOMERS AND NEW YORK STATE BLASTING ORDINANCES.
- 4. ANY SOIL THAT IS UNSUITABLE FOR DEVELOPMENT OF BUILDINGS OR ROADWAYS SHALL BE REMOVED FROM AREAS TO BE DEVELOPED AND SHALL BE DISPOSED OF WITHIN THE SITE IN NEW EMBANKMENTS WHERE STRUCTURAL LOADING, I.E. A BUILDING OR ROADWAY, WILL NOT TAKE PLACE. WHEN CONSTRUCTION IS PROPOSED TO OCCUR IN SPECIFIC AREAS WHERE SOILS ARE OF QUESTIONABLE SUITABILITY, THE APPLICANT SHALL PROVIDE SOILS ENGINEERING REPORTS AS REQUIRED BY THE PLANNING BOARD ENGINEER, PRIOR TO THE CONSTRUCTION OF ROADWAYS AND, AS REQUIRED BY THE BUILDING INSPECTOR, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- 5. NO TOPSOIL SHALL BE REMOVED FROM THE SITE.
- 6. ROCK CUT STABILITY IS TO BE FIELD VERIFIED BY GEOTECHNICAL ENGINEER AND SHALL BE MODIFIED IF REQUIRED.
- 7. NO CRUSHING/PROCESSING IS PERMITTED ON THE SITE WITHOUT PRIOR APPROVAL BY THE TOWN OF YORKTOWN PLANNING BOARD.

GENERAL STORM DRAINAGE & UTILITY NOTES

- 1. ALL UTILITIES, INCLUDING ELECTRIC LINES, TELEPHONE, WATER, SANITARY SEWER LINES, AND STORM SEWER LINES SHALL BE LOCATED UNDERGROUND AND SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF YORKTOWN AND THE UTILITY COMPANIES HAVING JURISDICTION.
- 2. LOCATION OF GAS AND WATER VALVES, ELECTRIC AND TELEPHONE POLES ARE TO BE DETERMINED BY PROPER AUTHORITIES AND APPROVED, AS TO LOCATION, BY THE TOWN ENGINEER
- 3. ROOF LEADERS SHALL EMPTY INTO THE STORM DRAINAGE SYSTEM. UNDER NO CIRCUMSTANCES SHALL THE DISCHARGE OF GROUND WATER OR STORM WATER, EITHER BY GRAVITY OR BY PUMPING, BE DISCHARGED TO ANY SANITARY SEWER SYSTEM.
- 4. ANY REVISIONS AND/OR ADDITIONS TO THE ROAD STORM DRAINAGE SYSTEMS CURRENTLY SHOWN ON THE PLANS WHICH ARE DEEMED NECESSARY DURING CONSTRUCTION MUST BE MADE BY THE CONTRACTOR AS REQUIRED BY THE TOWN AND SHALL BE SHOWN ON THE AS-BUILT DRAWINGS.
- 5. STORM DRAIN PIPING TO BE HIGH DENSITY POLYETHYLENE AS SHOWN ON THE CONSTRUCTION DRAWINGS. MINIMUM COVER TO BE 2' UNLESS OTHERWISE NOTED.
- 6. INTERCEPTOR DRAINS ARE TO BE INSTALLED WHERE REQUIRED BY THE TOWN OR PROJECT ENGINEER DURING CONSTRUCTION.
- 7. ALL EXISTING UNDERGROUND DRAINS ENCOUNTERED DURING CONSTRUCTION OF PROPOSED ROADS ARE TO BE CONNECTED TO PROPOSED DRAINAGE IMPROVEMENTS. CONNECTIONS TO BE APPROVED BY THE ENGINEER.
- 8. DURING THE CONSTRUCTION OF THE PROJECT, ALL CATCH BASINS AND MANHOLES WILL BE MAINTAINED BY THE SITE CONTRACTOR.
- 9. PRIOR TO FINAL APPROVAL AND OPERATION OF DRAINAGE SYSTEM, CONTRACTOR SHALL CLEAR ALL ACCUMULATED SEDIMENT AND/OR DEBRIS FROM DRAINAGE STRUCTURES, MANHOLES, CULVERTS, OUTLETS AND DRAIN INLETS. ENGINEER SHALL BE NOTIFIED FOR FINAL INSPECTION.
- 10. ALL STRUCTURES SHALL BE SET ONE INCH BELOW PAVEMENT.

WATERMAIN NOTES

I. DISTRIBUTION SYSTEM - WATERMAIN

- A. GENERAL THE CONTRACTOR SHALL PERFORM THE NECESSARY EXCAVATION, BACKFILLING, CLEARING, GRUBBING, SHEETING, SHORING, DO ALL SHAPING OF TRENCHES, PUMPING AND BAILING, LAYING AND JOINING OF ALL PIPES, PROTECT AND SUPPORT EXISTING STRUCTURES AND REPAIR THEM, IF DAMAGED, AND ALL ELSE NECESSARY TO COMPLETE THE WORK.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, LABOR, AND TOOLS NECESSARY TO COMPLETE THE WORK IN A SAFE, NEAT, AND WORKMANLIKE MANNER.

- B. SITE AND ACCESS CLEARING (WITHIN EASEMENTS) THE CONTRACTOR SHALL CONFINE ALL CLEARING OPERATIONS TO WITHIN THE IMMEDIATE AREAS THAT ARE ESSENTIAL FOR CONSTRUCTION OF THE WORK.

- C. STOCKPILING OF SUITABLE BACKFILL MATERIAL THE CONTRACTOR SHALL BE PREPARED WHEN EXCAVATING THE TRENCH TO SEPARATE SUITABLE BACKFILL MATERIAL FROM UNSUITABLE MATERIAL FOR USE AS BACKFILL ADJACENT TO THE PIPE.

- D. PROTECTION OF EXISTING STRUCTURES AND UTILITIES

SPECIAL PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT OVERHEAD POWER LINES, WATERMANS, GAS MAINS, ELECTRIC AND TELEPHONE CONDUITS, STORM AND SANITARY SEWERS, CULVERTS, BUILDINGS AND OTHER EXISTING STRUCTURES IN AND NEAR THE EXCAVATION. IN ALL CASES, WHETHER UNDERGROUND STRUCTURES HAVE OR HAVE NOT BEEN DELINEATED, THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE ACCEPTS NO RESPONSIBILITY FOR THEIR LOCATION. 'UNDERGROUND UTILITIES' LOCATES EXISTING UNDERGROUND UTILITIES FREE OF CHARGE. THE PHONE NUMBER IS 1-800-245-2828.

GUTTERS, SEWERS, DRAINS AND DITCHES SHALL BE KEPT OPEN AT ALL TIMES FOR SURFACE DRAINAGE. NO DAMMING OR PONDING OF WATER IN GUTTERS OR OTHER WATERWAYS WILL BE PERMITTED EXCEPT WHERE STREAM CROSSINGS ARE NECESSARY AND THEN ONLY TO AN EXTENT WHICH THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE SHALL CONSIDER NECESSARY. THE CONTRACTOR SHALL NOT DIRECT ANY FLOW OF WATER ACROSS OR OVER PAVEMENTS EXCEPT THROUGH APPROVED PIPES OR PROPERLY CONSTRUCTED TROUGHS OF SUCH SIZES AND LENGTHS AS MAY BE REQUIRED, AND PLACE THE SAME AS DIRECTED. THE GRADINGS IN THE VICINITY OF TRENCHES SHALL BE CONTROLLED SO THAT THE GROUND SURFACE IS PROPERLY PITCHED TO PREVENT WATER RUNNING IN THE TRENCHING. THE CONTRACTOR SHALL NOT COMMENCE OPERATIONS INVOLVING ANY PUBLIC UTILITY BEFORE HAVING GIVEN WRITTEN NOTICE TO THE COMPANY OR OWNER, OR ITS AGENTS, AND SHALL COOPERATE WITH THE COMPANY'S OR OWNERS' FORCES. IN PROTECTING AND PREVENTING DAMAGE TO THE PROPERTY.

THE CONTRACTOR WILL, AT HIS OWN EXPENSE, BE RESPONSIBLE FOR DIRECT OR INDIRECT DAMAGE THAT MAY BE DONE TO ANY UTILITY OR STRUCTURE IN THE PROSECUTION OF HIS WORK. THE LIABILITY OF THE CONTRACTOR IS ABSOLUTE AND IS NOT DEPENDENT UPON ANY QUESTIONS OF NEGLIGENCE ON HIS PART OR ON THE PART OF HIS AGENT, OR EMPLOYEES, AND THE NEGLECT OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE TO DIRECT THE CONTRACTOR TO TAKE ANY PARTICULAR PRECAUTION OR TO REFRAIN FROM DOING SUCH DAMAGE.

SHOULD THE POSITION OF ANY PIPE, CONDUIT, POLE OR OTHER STRUCTURES, ABOVE OR BELOW THE GROUND, BE SUCH AS TO REQUIRE ITS REMOVAL, REALIGNMENT, OR CHANGE DUE TO WORK TO BE DONE, REALIGNMENT OR CHANGE WILL BE DONE BY OR UNDER SUPERVISION OF THE OWNER OF THE OBSTRUCTIONS. THE CONTRACTOR SHALL UNCOVER AND SUSTAIN THE STRUCTURES, AFTER SUCH REALIGNMENT OR CHANGE.

THE CONTRACTOR SHALL NOT INTERFERE WITH ANY PERSONS, OR WITH THE OWNER IN PROTECTING, REMOVING, CHANGING OR REPLACING THEIR PIPES, CONDUITS, POLES OR OTHER STRUCTURES; BUT HE SHALL SUFFER SAID PERSONS OR THE OWNER TO TAKE ALL SUCH MEASURES AS THEY MAY DEEM NECESSARY OR ADVISABLE FOR THE PURPOSE, AFORESAID, AND THE CONTRACTOR SHALL THEREBY BE IN NO WAY RELIEVED OF ANY OF HIS RESPONSIBILITIES.

THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE OWNER OF THE RESPECTIVE UTILITY PRIOR TO RELOCATION OR INTERRUPTION OF SERVICE. ALL WORK NECESSARY FOR THE RELOCATION SHALL BE PERFORMED BY THE CONTRACTOR, OR BY THE OWNER AT THE OWNER'S OPTION, AND TO THE SATISFACTION OF THE OWNER. WHERE SERVICE IS INTERRUPTED, THE CONTRACTOR SHALL COOPERATE IN RESTORING SERVICE PROMPTLY. ALL CHARGES FOR DAMAGES DONE TO UTILITIES SHALL BE PAID BY THE CONTRACTOR.

E. CONSTRUCTION OF ROAD RIGHT-OF-WAY

CONSTRUCTION IN THE ROAD RIGHT-OF-WAY SHALL AT ALL TIMES BE PERFORMED WITH MINIMUM DISTURBANCE TO TRAFFIC WITH SUFFICIENT BARRICADES AND DIRECTION. DETOURS CAN BE INSTITUTED WITH APPROVAL OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE, OR STATE, COUNTY, OR LOCAL AUTHORITIES. PAVEMENT SHALL BE CUT PRIOR TO REMOVAL. HOLES AND SETTLEMENTS IN THE TRENCHES SHALL BE IMMEDIATELY FILLED TO THE ORIGINAL GRADE ELEVATION WITH THE SPECIFIED MATERIALS.

F. EXCAVATION AND PREPARATION OF TRENCH

THE CONTRACTOR SHALL PROCEED WITH CAUTION IN THE EXCAVATION AND PREPARATION OF THE TRENCH SO THAT THE EXACT LOCATION OF UNDERGROUND STRUCTURES, BOTH KNOWN AND UNKNOWN, MAY BE DETERMINED. THE TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND DEPTH REQUIRED. MINIMUM DEPTH OF COVER FROM SURFACE OF GROUND TO TOP OF PIPE BARREL SHALL BE FOUR FEET (4'). NO TRENCH SHALL BE EXCAVATED MORE THAN FIVE HUNDRED LINEAL FEET (500 LF) IN ADVANCE OF PIPE LAYING, UNLESS AUTHORIZED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE. THE TRENCH SHALL BE SO BRACED AND DRAINED THAT THE WORKMEN MAY WORK THEREIN SAFELY AND EFFICIENTLY. IT IS ESSENTIAL THAT THE DISCHARGE OF THE TRENCH DEWATERING PUMPS BE CONDUCTED TO NATURAL DRAINAGE CHANNELS OR DRAINS, AS IN ACCORDANCE WITH OSHA REQUIREMENTS.

THE WIDTH OF THE TRENCH SHALL BE OF ADEQUATE SIZE TO PERMIT THE PIPE TO BE LAID AND JOINTED PROPERLY, BUT SHALL NOT EXCEED THE SUM OF TWENTY-FOUR INCHES(24") PLUS THE PIPE OUTSIDE DIAMETER, AND THE BACKFILL TO BE PLACED AND COMPACTED AS SPECIFIED.

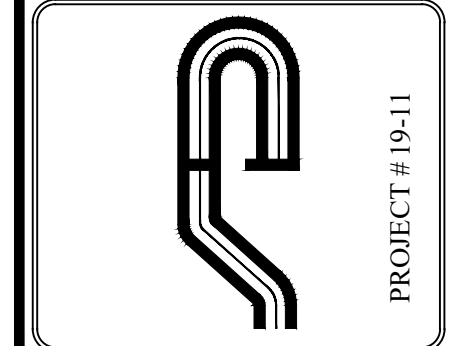
LEDGE ROCK, BOULDERS AND LARGE STONES SHALL BE REMOVED TO PROVIDE A CLEARANCE OF AT LEAST SIX INCHES (6") BELOW AND ON EACH SIDE OF ALL PIPES AND FITTINGS.

THE TRENCH SHALL BE EXCAVATED TO THE DEPTH REQUIRED SO AS TO PROVIDE A UNIFORM AND CONTINUOUS BEARING AND SUPPORT FOR THE PIPE ON SOLID AND UNDISTURBED GROUND AT EVERY POINT. WHERE THE BOTTOM OF THE TRENCH AT A SUBGRADE IS FOUND TO BE UNSTABLE, OR TO INCLUDE ASHES, CINDERS, ALL TYPES OF REFUSE, VEGETABLE OR OTHER ORGANIC MATERIAL OR LARGE PICES OF FRAGMENTS OR INORGANIC MATERIAL WHICH IN THE JUDGEMENT OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE SHOULD BE REMOVED, THE CONTRACTOR SHALL EXCAVATE AND REMOVE SUCH UNSUITABLE MATERIAL TO THE WIDTH AND DEPTH ORDERED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE.

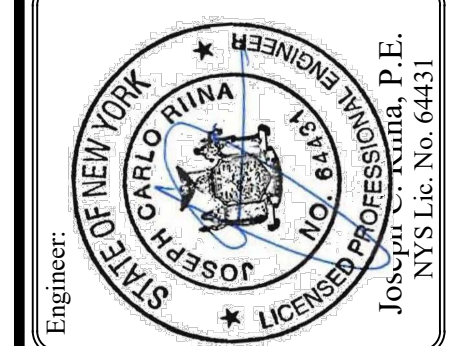
ANY PART OF THE BOTTOM OF THE TRENCH EXCAVATED BELOW THE SPECIFIED GRADE SHALL BE CORRECTED WITH APPROVED BEDDING MATERIAL, SUCH AS THOROUGHLY COMPACTED CRUSHER-STONE, GRAVEL, OR CONCRETE AS DIRECTED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE. THE FINISHED SUBGRADE SHALL BE PREPARED ACCURATELY BY MEANS OF HAND TOOLS.

GENERAL WATER MAIN NOTES:

- 1. ALL PROPOSED WATERMAIN MATERIALS, CONSTRUCTION AND INSTALLATION SHALL CONFORM TO ALL APPLICABLE RULES AND REGULATIONS OF THE TOWN OF YORKTOWN WATER DEPARTMENT AND THE WESTCHESTER COUNTY HEALTH DEPARTMENT STANDARDS AND SPECIFICATIONS. CONSTRUCTION MUST BE UNDER THE SUPERVISION OF A LICENSED AND REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK WHO SHALL FURNISH A CERTIFICATE OF CONSTRUCTION COMPLIANCE AND TWO (2) SETS OF AS-BUILT PLANS AFTER THE COMPLETION OF THE PROJECT.
- 2. THE RECORDS OF THE TOWN OF YORKTOWN INDICATE THAT THERE IS ADEQUATE WATER PRESSURE AND CAPACITY AS REQUIRED TO SERVE THIS PROJECT.
- 3. ALL BACKFLOW PREVENTION DEVICES ASSOCIATED WITH THE FIRE AND DOMESTIC SERVICES FOR THE PROPOSED BUILDING SHALL BE LOCATED INTERNAL TO THE BUILDING AND SHALL REQUIRE SEPARATE APPROVAL BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.
- 4. ALL FIRE AND DOMESTIC SERVICE CONNECTIONS FROM THE PROPOSED WATER MAIN SHALL BE INSTALLED WITH WET TAPS AFTER THE CONTRACTOR HAS INSTALLED THE MAIN AND IT HAS BEEN APPROVED AS REQUIRED BY THE TOWN OF YORKTOWN WATER DEPARTMENT AND IF REQUIRED BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.
- 5. THE CONTRACTOR IS ADVISED THAT BEFORE HE CONNECTS TO THE EXISTING WATER SYSTEM, HE MUST ADVISE AND COORDINATE HIS OPERATIONS WITH THE TOWN OF YORKTOWN WATER DEPARTMENTS SUPERINTENDENT. MEANS AND METHODS USED TO CONNECT TO THE EXISTING SERVICE SHALL BE APPROVED BY THE TOWN AND SHALL INCLUDE BUT NOT BE LIMITED TO WET TAPS OR OTHERWISE.
- 6. THE CONTRACTOR IS TO MAINTAIN CONSTANT FLOW AND PRESSURE IN ALL WATER MAINS AT ALL TIMES. IF THE NEED SHOULD ARISE THAT WATER SERVICE IS TO BE INTERRUPTED FOR A SHORT PERIOD, IT MUST BE COORDINATED WITH AND APPROVED BY THE ENGINEER AND THE TOWN OF YORKTOWN SUPERINTENDENT OF WATER.
- 7. WATER MAINS CROSSING HOUSE SEWERS, STORM SEWERS OR SANITARY SEWERS SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION OF A MINIMUM OF 18" BETWEEN THE BOTTOM OF WATER MAIN AND TOP OF SEWER.
- 8. WATER MAINS PASSING UNDER HOUSE SEWERS, IN ADDITION, SHALL BE PROTECTED BY PROVIDING A VERTICAL SEPARATION OF 18" MINIMUM FROM THE BOTTOM OF THE SEWER TO THE TOP OF THE WATER MAIN AND ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF THE JOINTS AND THE SEWER SETTLING AND BREAKING THE WATER MAIN. IN ADDITION THE LENGTH OF WATER PIPE IS TO BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER. NO WATER MAIN SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER OR SEWER MANHOLE.
- 9. THE COVER OVER THE TOP OF THE WATER MAIN SHALL BE A MINIMUM OF 4 FEET TO A MAXIMUM OF 5.5 FT.
- 10. WATER MAINS SHALL BE CLASS 52 DUCTILE IRON PIPES (DIP) TYTON JOINT TYPE AND FITTINGS SHALL BE FACTORY CEMENT LINED CLASS 52. ALL FITTINGS SHALL HAVE MECHANICAL JOINTS AND SHALL BE PRESSURE RATED AT 250 PSI. ALL NECESSARY JOINT MATERIALS SHALL BE FURNISHED. WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH AWWA STANDARDS, LATEST REVISION.
- 11. ALL GATE VALVES SHALL BE MUELLER RESILIENT WEDGE (TURN LEFT OPEN) TYPE AND SHALL MEET AWWA STANDARDS, LATEST REVISION.
- 12. ALL SERVICE CONNECTIONS AND SMALL DIAMETER EXTENSIONS SHALL CONFORM TO AWWA C-151.
- 13. RETAINER GLANDS AND CONCRETE THRUST BLOCKS OR RODS SHALL BE USED AT ALL LOCATIONS WHERE RESTRAINTS EXIST.
- 14. INSTALLATION AND TESTING OF THE WATER MAIN SHALL BE INSPECTED BY THE TOWN OF YORKTOWN AND IF REQUIRED BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH. THE CONTRACTOR SHALL PROVIDE THE HEALTH DEPARTMENT A MINIMUM 48 HOURS NOTICE PRIOR TO ANY PRESSURE/LEAKAGE TESTS AND/OR DISINFECTION AND BACTERIOLOGICAL TESTS PERFORMED ON THE PROPOSED WATER MAIN. THE RESULTS OF THE ABOVE TESTS MUST BE ACCEPTED BY THE WCHD PRIOR TO USE OF THE MAIN.
- 15. ASBUILT DRAWINGS SHALL SHOW DIMENSIONS BETWEEN ALL VALVE TURNING NUTS AND FINISH GRADE.
- 16. INSTALLATION, DISINFECTION AND TESTING TO BE WITNESSED AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER OR TOWN OF YORKTOWN ENGINEER.
- 17. ALL HYDRANTS AND VALVES SHALL BE AS MANUFACTURED BY THE MUELLER COMPANY.
- 18. THE FINAL LOCATIONS OF FIRE HYDRANTS AND SIAMESE CONNECTIONS SHALL BE DETERMINED BY AND COORDINATED WITH THE TOWN OF YORKTOWN FIRE DEPARTMENT.
- 19. IF, DURING CONSTRUCTION, IT IS FOUND THAT THE REQUIRED SEPARATION OF WATER MAINS, SANITARY SEWERS, STORM SEWERS, AND BUILDING SEWERS CANNOT BE MET, THE DEVELOPER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONTACT THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH. APPROVAL BY THE WCHD IS REQUIRED PRIOR TO ANY FIELD CHANGES THAT WILL AFFECT MINIMUM WATER/SEWER SEPARATION DISTANCES.
- 20. ALL TYPES OF INSTALLED PIPE SHALL BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C-600.
- 21. ALL NEW, CLEANED OR REPAIRED WATER MAINS SHALL BE DISINFECTED AND BACTERIOLOGICAL TESTING PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C-651-05 (EXCEPT FOR SECTION 4.4.2 WHICH IS NOT APPROVABLE). THE SPECIFICATIONS INCLUDE DETAILED PROCEDURES FOR THE ADEQUATE FLUSHING, DISINFECTION, AND MICRO-BIOLOGICAL TESTING OF ALL WATER MAINS.
- 22. ROAD OPENINGS SHALL BE DONE IN ACCORDANCE WITH CONDITIONS OF PERMIT, AND COORDINATED WITH THE TOWN OF YORKTOWN.
- 23. UPON COMPLETION AND PRIOR TO USE, TWO (2) SETS OF AS-BUILT PLANS AND ACCEPTABLE BACTERIOLOGICAL SAMPLE AND WATER MAIN HYDROSTATIC TEST RESULTS MUST BE SUBMITTED ALONG WITH THE DESIGN PROFESSIONAL'S CERTIFICATION OF CONSTRUCTION TO THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.
- 24. NEW WATER MAIN SHALL NOT BE PLACE INTO SERVICE WITHOUT PRIOR AUTHORIZATION FROM THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.



Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com



Revisions:

No.	Date	Comments
1.	11/29/22	Plan Update
2.	12/12/22	Plan Update
3.	1/10/23	Plan Update

SCALE: NTS
DRAWN BY: TK
DATE: 10/21/22

NOTES

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOD ROAD
Town of Yorktown Westchester County, New York

Sheet **G-1**

E:\2022\10\11\LOWES - BRSES\1\1 REALTY\PAD C\ENGINEERING\CAD\CAD-021-241-ROAD-COMPOD\10-11-LOWES-PAD-C-DETAILS-NO-STORMWATER.DWG

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW

PROJECT # 19-11
COPYRIGHT © 2012 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED

GENERAL EROSION CONTROL NOTES:

- Contractor shall be responsible for compliance with all sediment and erosion control practices. The sediment and erosion control practices are to be installed prior to any major soil disturbances, and maintained until permanent protection is established. Road surface flows from the site should be dissipated with tracking pad or appropriate measures during adjacent road shoulder grading. Contractor is responsible for the installation and maintenance of all soil erosion and sedimentation control devices throughout the course of construction.
- Catch basin inlet protection must be installed and operating at all times until tributary areas have been stabilized. When possible flows should be stabilized before reaching inlet protection structure. Timely maintenance of sediment control structures is the responsibility of the Contractor.
- All structures shall be maintained in good working order at all times. The sediment level in all sediment traps shall be closely monitored and sediment removed promptly when maximum levels are reached or as ordered by the engineer. All sediment control structures shall be inspected on a regular basis, and after each heavy rain to insure proper operation as designed. An inspection schedule shall be set forth prior to the start of construction.
- The locations and the installation times of the sediment capturing standards shall be as specified in these plans, as ordered by the Engineer, and in accordance with the latest edition of the "New York Standards and Specifications for Erosion and Sediment Control" (NYSSESC).
- All topsoil shall be placed in a stabilized stockpile for reuse on the site. All stockpile material required for final grading and stored on site shall be temporarily seeded and mulched within 7 days. Refer to soil stockpile details.
- Any disturbed areas that will be left exposed more than 7 days and not subject to construction traffic, shall immediately receive temporary seeding. Mulch shall be used if the season prevents the establishment of a temporary cover. Disturbed areas shall not be limed and fertilized prior to temporary seeding.
- All disturbed areas within 500 feet of an inhabited dwelling shall be wetted as necessary to provide dust control.
- The contractor shall keep the roadways within the project clear of soil and debris and is responsible for any street cleaning necessary during the course of the project.
- Sediment and erosion control structures shall be removed and the area stabilized when the drainage area has been properly stabilized by permanent measures.
- All sediment and erosion control measures shall be installed in accordance with current edition of NYSSESC.
- All regraded areas must be stabilized appropriately prior to any rock blasting, cutting, and/or filling of soils. Special care should be taken during construction to insure stability during maintenance and integrity of control structures.
- Any slopes graded at 3:1 or greater shall be stabilized with erosion blankets to be staked into place in accordance with the manufactures requirements. Erosion blankets may also be required at the discretion of Town officials or Project Engineer. When stabilized blanket is utilized for channel stabilization, place all of the volume of seed mix prior to laying net, or as recommended by the manufacturer.
- To prevent heavy construction equipment and trucks from tracking soil off-site, construct a pervious crushed stone pad. Locate and construct pads as detailed in these plans.
- Contractor is responsible for controlling dust by sprinkling exposed soil areas periodically with water as required. Contractor to supply all equipment and water.
- Contractor shall be responsible for construction inspections as per NYSDEC GP-0-15-002 and Town of Yorktown Code.

MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES:

N.Y.S.D.E.C. GP-0-15-002 EXPOSURE RESTRICTIONS - States that any exposed earthwork shall be stabilized in accordance with the guidelines of this plan.

- Trees and vegetation shall be protected at all times as shown on the detail drawing and as directed by the Engineer.
- Care should be taken so as not to channel concentrated runoff through the areas of construction activity on the site.
- Fill and site disturbances should not be created which causes water to pond off site or on adjacent properties.
- Runoff from land disturbances shall not be discharged or have the potential to discharge off site without first being intercepted by a control structure, such as a sediment trap or silt fence. Sediment shall be removed before exceeding 50% of the retention structure's capacity.
- For finished grading, adequate grade shall be provided so that water will not pond on lawns for more than 24 hours after rainfall, except in swale flow areas which may drain for as long as 48 hours after rainfall.
- All swales and other areas of concentrated flow shall be properly stabilized with temporary control measures to prevent erosion and sediment travel. Surface flows over cut and fill areas shall be stabilized at all times.
- All sites shall be stabilized with erosion control materials within 7 days of final grading.
- Temporary sediment trapping devices shall be removed from the site within 30 days of final stabilization.

MAINTENANCE SCHEDULE:

	DAILY	WEEKLY	MONTHLY	AFTER RAINFALL	NECESSARY TO MAINTAIN FUNCTION	AFTER APPROVAL OF INSPECTOR
SILT FENCE	---	---	INSP.	INSP.	CLEAN/REPLACE	REMOVE
WHEEL CLEANER	CLEAN	---	---	---	REPLACE	REMOVE
INLET PROTECTION	---	INSP.	INSP.	CLEAN	REPLACE	REMOVE

MAINTENANCE OF PERMANENT CONTROL STRUCTURES DURING CONSTRUCTION:

The stormwater management system and outlet structure shall be inspected on a regular basis and after every rainfall event. Sediment build up shall be removed from the inlet protection regularly to insure detention capacity and proper drainage. Outlet structure shall be free of obstructions. All piping and drain inlets shall be free of obstruction. Any sediment build up shall be removed.

MAINTENANCE OF CONTROLS AFTER CONSTRUCTION:

Controls (including respective outlet structures) should be inspected periodically for the first few months after construction and on an annual basis thereafter. They should also be inspected after major storm events.

DEBRIS AND LITTER REMOVAL:

Twice a year, inspect outlet structure and drain inlets for accumulated debris. Also, remove any accumulations during each mowing operation.

STRUCTURAL REPAIR/REPLACEMENT:

Outlet structure must be inspected twice a year for evidence of structural damage and repaired immediately.

EROSION CONTROL:

Unstable areas tributary to the basin shall immediately be stabilized with vegetation or other appropriate erosion control measures.

SEDIMENT REMOVAL:

Sediment should be removed after it has reached a maximum depth of five inches above the stormwater management system floor.

TOPSOIL:

Existing topsoil will be removed and stored in piles sufficiently as to avoid mixing with other excavation. Stockpiles shall be surrounded by erosion control as outlined on these plans. The furnishing of new topsoil shall be of a better or equal to the following criteria (SST13.01 NYSDOT):

- The pH of the material shall be 5.5 to 7.6.
- The organic content shall not be less than 2% or more than 70%.
- Gradation:

SIEVE SIZE	% PASSING BY WGT.
2 INCH	100
1 INCH	85 TO 100
1/4 INCH	65 TO 100
NO. 200 MESH	20 TO 80

PERMANENT VEGETATIVE COVER:

- Site preparation:
 - 1.1. Install erosion control measures.
 - 1.2. Scarify compacted soil areas.
 - 1.3. Lime as required to ph 6.5.
 - 1.4. Fertilize with 10-6-4 4 lbs/1,000 S.F.
 - 1.5. Incorporate amendments into soil with disc harrow.
- Seed mixtures for use on swales and cut and fill areas.

MIXTURE	LBS./ACRE
ALT. A	
KENTUCKY BLUE GRASS	20
CREEPING RED FESCUE	28
RYE GRASS OR REDTOP	5
ALT. B	
CREEPING RED FESCUE	20
REDDTOP	2
TALL FESCUE/SMOOTH BLOOMGRASS	20
- SEEDING
 - 3.1. Prepare seed bed by raking to remove stones, twigs, roots and other foreign material.
 - 3.2. Apply soil amendments and integrate into soil.
 - 3.3. Apply seed uniformly by cyclone seeder culti-packer or hydro-seeder at rate indicated.
 - 3.4. Stabilize seeded areas in drainage swales.
 - 3.5. Irrigate to fully saturate soil layer, but not to dislodge planting soil.
 - 3.6. Seed between April 1st and May 15th or August 15th and October 15th.
 - 3.7. Seeding may occur May 15th and August 15th if adequate irrigation is provided.

TEMPORARY VEGETATIVE COVER:

- SITE PREPARATION:**
1. Install erosion control measures.
 2. Scarify areas of compacted soil.
 3. Fertilize with 10-10-10 at 400/acre.
 4. Lime as required to ph 6.5.

SEED SPECIES:

MIXTURE	LBS./ACRE
Rapidly germinating annual ryegrass (or approved equal)	20
Perennial ryegrass	20
Cereal oats	36

SEEDING:
Same as permanent vegetative cover

CONTRACTOR CERTIFICATION STATEMENT

Certification Statement - All contractors and subcontractors as identified in a SWPPP, by the Owner or Operator, in accordance with Part II.A.5 of the SPDES General Permit for Stormwater Runoff from Construction Activity, GP-0-15-002, dated January 29, 2015, Page 10 of 40, shall sign a copy of the following Certification Statement before undertaking any construction activity at the Site identified in the SWPPP:

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the Qualified Inspector during a site inspection. I also understand that the Owner or Operator must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Construction Activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings."

Individual Contractor: _____
 Name and Title (please print): _____
 Signature of Contractor: _____
 Company / Contracting Firm: _____
 Name of Company: _____
 Address of Company: _____
 Telephone Number / Cell Number: _____
 Site Information: _____
 Address of Site: _____
 Today's Date: _____

GENERAL CONSTRUCTION SEQUENCE:

REFER TO THE PLAN SET FOR ALL PLANS AND DETAILS WHICH RELATE TO CONSTRUCTION SEQUENCE.

- A LICENSED SURVEYOR MUST DEFINE INFRASTRUCTURE LOCATIONS, LIMITS OF DISTURBANCE, AND GRADES IN THE FIELD PRIOR TO START OF ANY CONSTRUCTION. LIMITS OF DISTURBANCE SHALL BE MARKED WITH THE INSTALLATION OF CONSTRUCTION FENCE OR APPROVED EQUAL. THE EXTENTS OF ALL OF THE STORMWATER MANAGEMENT SYSTEMS SHALL BE CORDONED OFF TO MINIMIZE THE DISTURBANCE ON THIS AREA.
- INSTALL ALL PERIMETER EROSION CONTROL MEASURES, CONSTRUCTION ENTRANCE AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN AND THE ASSOCIATED DETAILS. INSTALL SILT FENCING AT THE BOTTOM OF SLOPES.
- STRIP SITE AND PLACE TOPSOIL IN STOCKPILE LOCATIONS SHOWN ON THE PLAN.
- BEGIN ROUGH GRADING THE SITE. CONTRACTOR TO LIMIT EXPOSURE OF DENUDED SOILS BY PROVIDING TEMPORARY STABILIZATION FOR WORK AREAS THAT WILL REMAIN UNDISTURBED FOR OVER SEVEN (7) DAYS. EXCESS MATERIAL SHALL BE STOCKPILED IN THE LOCATION SHOWN ON THE PLAN AS GRADES ALLOW. MATERIAL UNABLE TO BE STOCKPILED SHALL BE REMOVED FROM THE SITE.
- ROUGH GRADE BUILDING, DRIVEWAY, PARKING AREA, AND PLAZA AREA.
- BEGIN CONSTRUCTION OF BUILDING AND RETAINING WALL. WALL SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF THE PROPOSED DRIVEWAY AND PARKING AREA.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A SHORING DESIGN FOR THE INSTALLATION OF THE RETAINING WALL TO PROTECT THE EXISTING ROADWAY AND UTILITY INFRASTRUCTURE. THE DESIGN MUST BE PREPARED BY A NYS LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE PROJECT ENGINEER AND THE TOWN ENGINEER FOR APPROVAL.
- BEGIN THE EXCAVATION AND INSTALLATION OF UTILITIES. PROTECT TRENCHES AND OPEN EXCAVATIONS FROM EROSION. ENTRY INTO THE DRAINAGE SYSTEM SHALL BE BLOCKED OFF UNTIL SITE HAS REACHED FINAL STABILIZATION. ONCE SYSTEM HAS BEEN INSTALLED, BACKFILL, AND SEED WHERE NECESSARY.
- DURING SITE CONSTRUCTION MAINTAIN AND RE-ESTABLISH AS REQUIRED EROSION CONTROL AND STABILIZATION MEASURES AS REQUIRED BY THE SITE PLAN AND DETAILS.
- EXCAVATE TO THE SUB-GRADE LEVEL. SCARIFY THE EXISTING SOIL TO A DEPTH OF 12-INCHES BY ROTOTILLING OR OTHER MEANS ACCEPTABLE TO THE ENGINEER. INSTALL ALL COURSES OF STONE AS PER THE SPECIFICATIONS GIVEN ON THE PLAN.
- INSTALL BASE COURSE OF ITEM 4 IN ALL PAVEMENT AREAS. STABILIZE ALL OPEN AREAS WITH SEED AND MULCH.
- CONSTRUCT REMAINDER OF BUILDING, DRIVEWAY AND PARKING AREAS. FIRST INSTALL CURBS, ASPHALT BINDER, AND CONCRETE SIDEWALK. ONCE BINDER COURSE IS INSTALLED, DRAINAGE OUTLET MAY BE UNBLOCKED.
- BACKFILL CURBS, GRADE, PLACE FINAL SOIL TOPPING AND PUT IN PLACE PERMANENT VEGETATIVE COVER OVER ALL DISTURBED AREAS, LANDSCAPE BEDS, SLOPES, ETC.
- ONCE SITE STABILIZATION HAS TAKEN PLACE (AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 80% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS), REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS, UNPLUG THE DRAINAGE SYSTEM TO ALLOW RUNOFF TO ENTER THE STORMWATER MANAGEMENT SYSTEM.

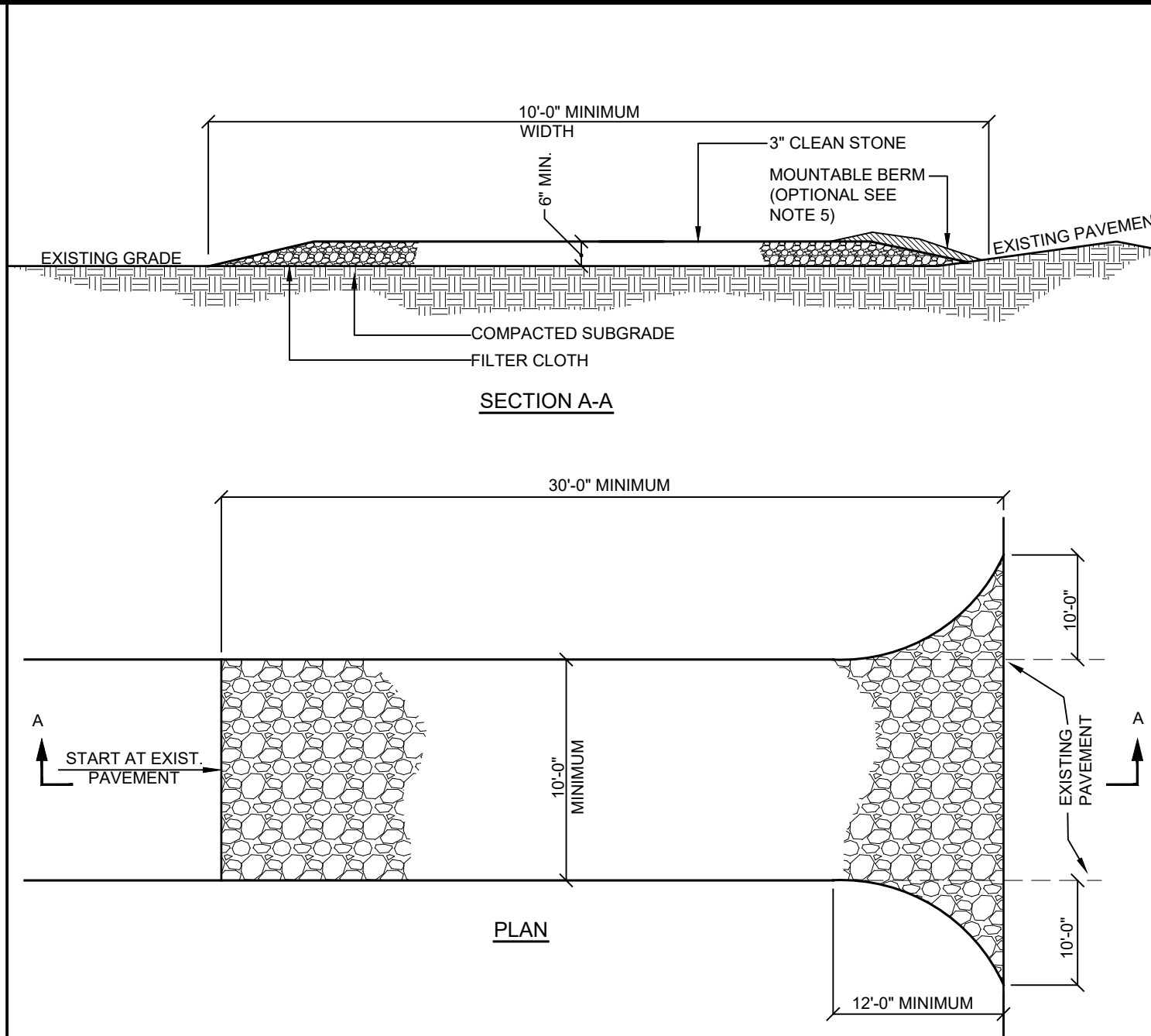
WINTER STABILIZATION NOTES:

IF CONSTRUCTION ACTIVITIES ARE EXPECTED TO EXTEND INTO OR OCCUR DURING THE WINTER SEASON THE CONTRACTOR SHALL ANTICIPATE PROPER STABILIZATION AND SEQUENCING. CONSTRUCTION SHALL BE SEQUENCED SUCH THAT WHEREVER POSSIBLE AREAS OF DISTURBANCE THAT CAN BE COMPLETED AND PERMANENTLY STABILIZED SHALL BE DONE BY APPLYING AND ESTABLISHING PERMANENT VEGETATIVE COVER BEFORE THE FIRST FROST. AREAS SUBJECT TO TEMPORARY DISTURBANCE THAT WILL NOT BE WORKED FOR AN EXTENDED PERIOD OF TIME SHALL BE TREATED WITH TEMPORARY SEED, MULCH, AND/OR EROSION BLANKETS.

OWNER / OPERATOR CERTIFICATION

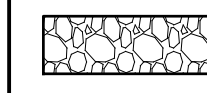
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Further, I hereby certify that the SWPPP meets all Federal, State, and local erosion and sediment control requirements. I am aware that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law."

Name (please print): _____
 Title: _____
 Date: _____
 Address: _____
 Phone: _____
 E-mail: _____
 Signature: _____

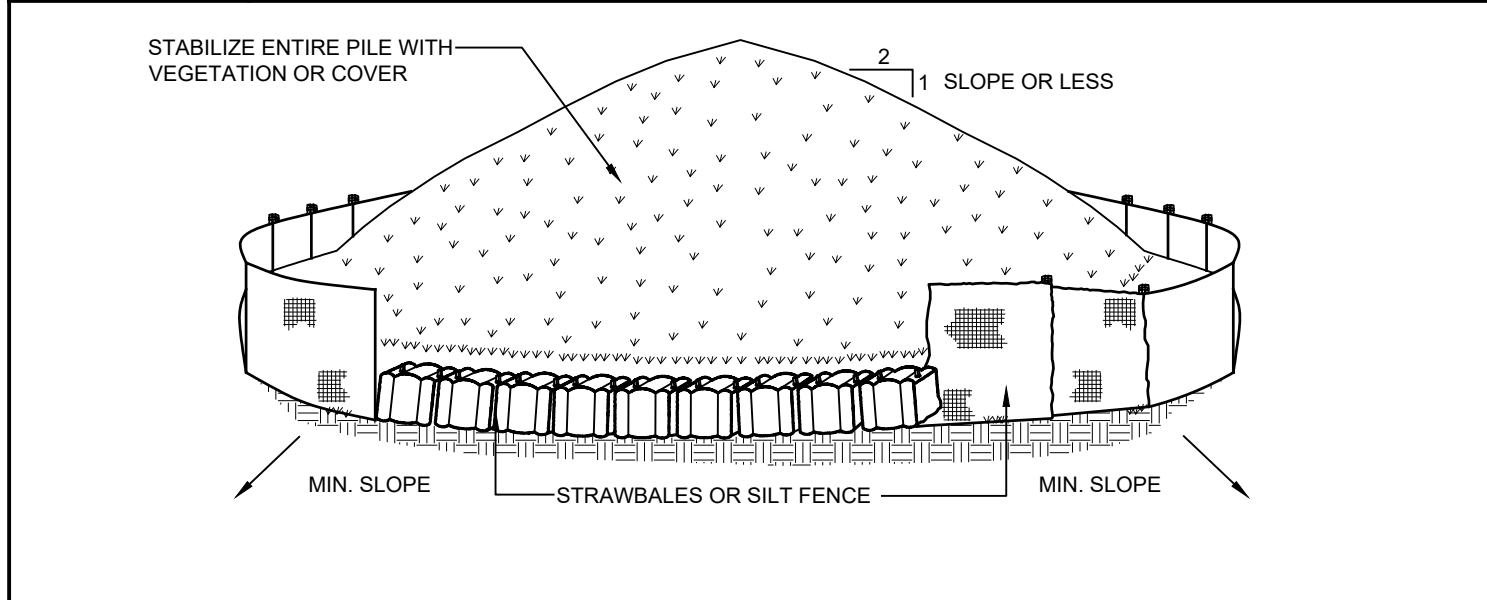


- INSTALLATION NOTES:**
- Stone size - use 3" min. Stone, or reclaimed or recycled concrete equivalent.
 - Length - as required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 - Thickness - not less than six (6) inches.
 - Width - 10 foot minimum, but not less than the full width at points where ingress or egress occur. 24 ft if single entrance to site.
 - Surface water - all surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
 - Maintenance - the entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right of way this may require periodic top dressing with additional stone as conditions demand and repair and/or cleanouts of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right of way must be removed immediately.
 - Washing - wheels shall be cleaned to remove sediment prior to entrance onto public right of way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

SYMBOL



E-3 STABILIZED CONSTRUCTION ENTRANCE DETAIL NOT TO SCALE

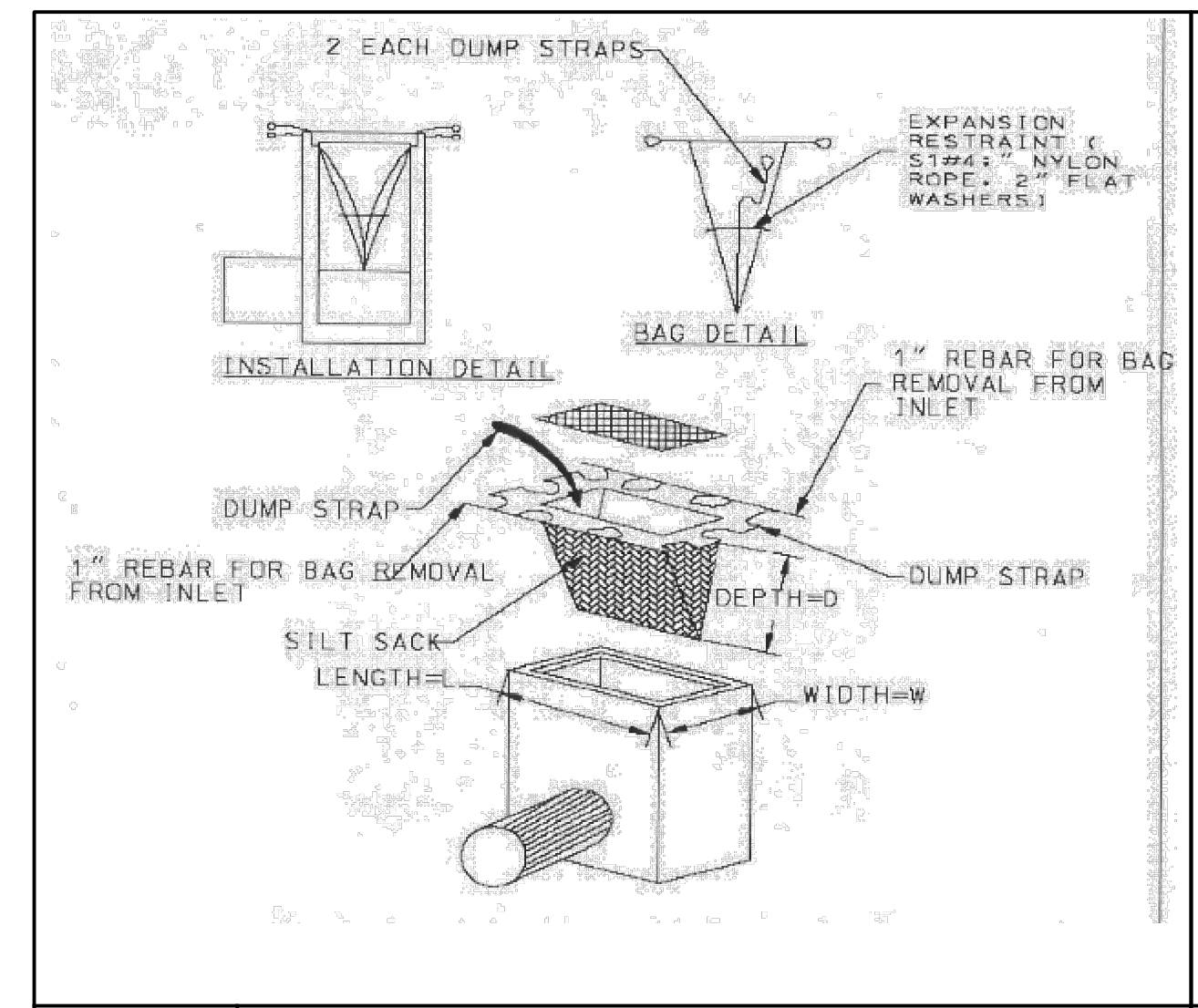


- NOTES:**
- Area chosen for stockpiling operations shall be dry and stable.
 - Maximum slope of stockpile shall be 1:2.
 - Upon completion of soil stockpiling, each pile shall be surrounded with either silt fencing or strawbales, then stabilized with vegetation or covered.
 - See detail for installation of silt fence.

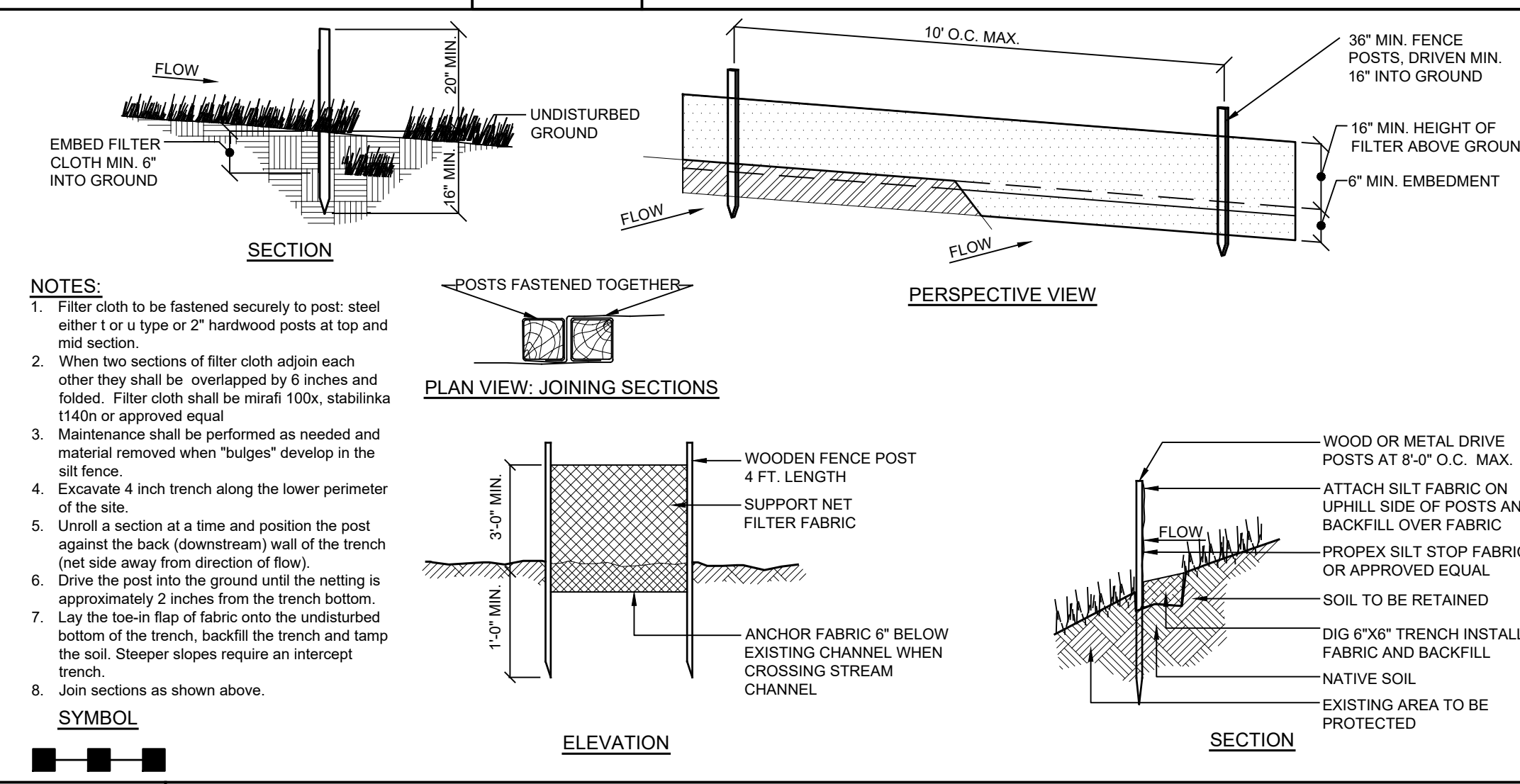
SYMBOL



E-4 SOIL STOCKPILE DETAIL NOT TO SCALE



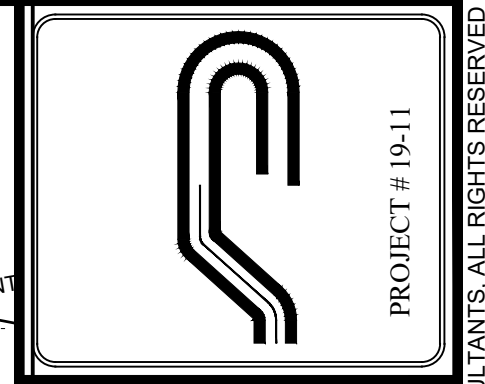
E-2 SILT SACK DETAIL NOT TO SCALE



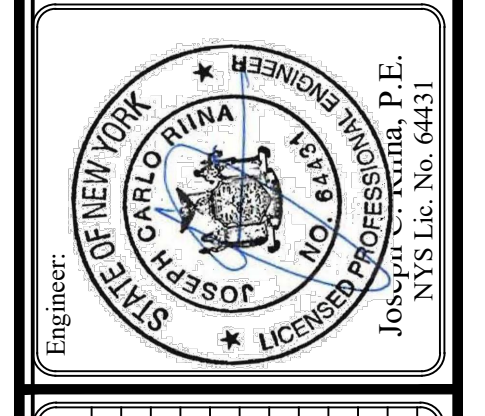
E-1 SILT FENCE DETAIL NOT TO SCALE

E:\2018\1511 LOWES - BRESLIN REALTY\BADC\ENGINEERING\CAD\CAD-241\BADC\DWG\1511 LOWES PAD C.DETAIL.S - NO. STORMWATER.DWG.11/6/2017 2:49:52 PM

NOT BE UNAUTHORIZED OPERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 2204(1) OF THE NEW YORK STATE EDUCATION LAW



Site Design Consultants
 Civil Engineers • Land Planners
 251-F Underhill Avenue, Yorktown Heights, NY 10598
 (914) 962-4488 - Fax: (914) 962-7386
 www.sitedesignconsultants.com



Revisions:

No.	Date	Comments
1.	11/29/22	Plan Update
2.	12/12/22	Plan Update
3.	1/10/23	Plan Update

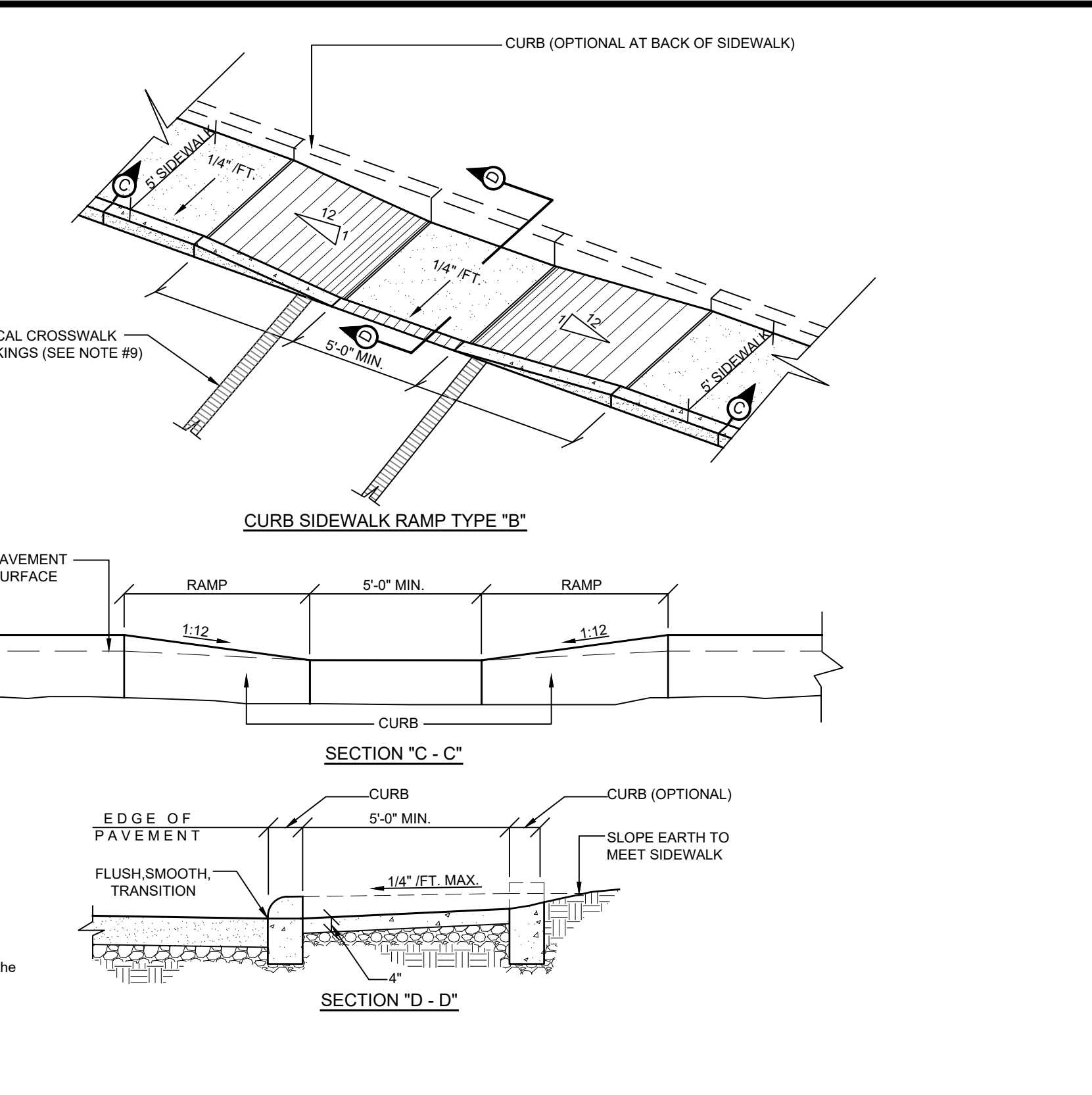
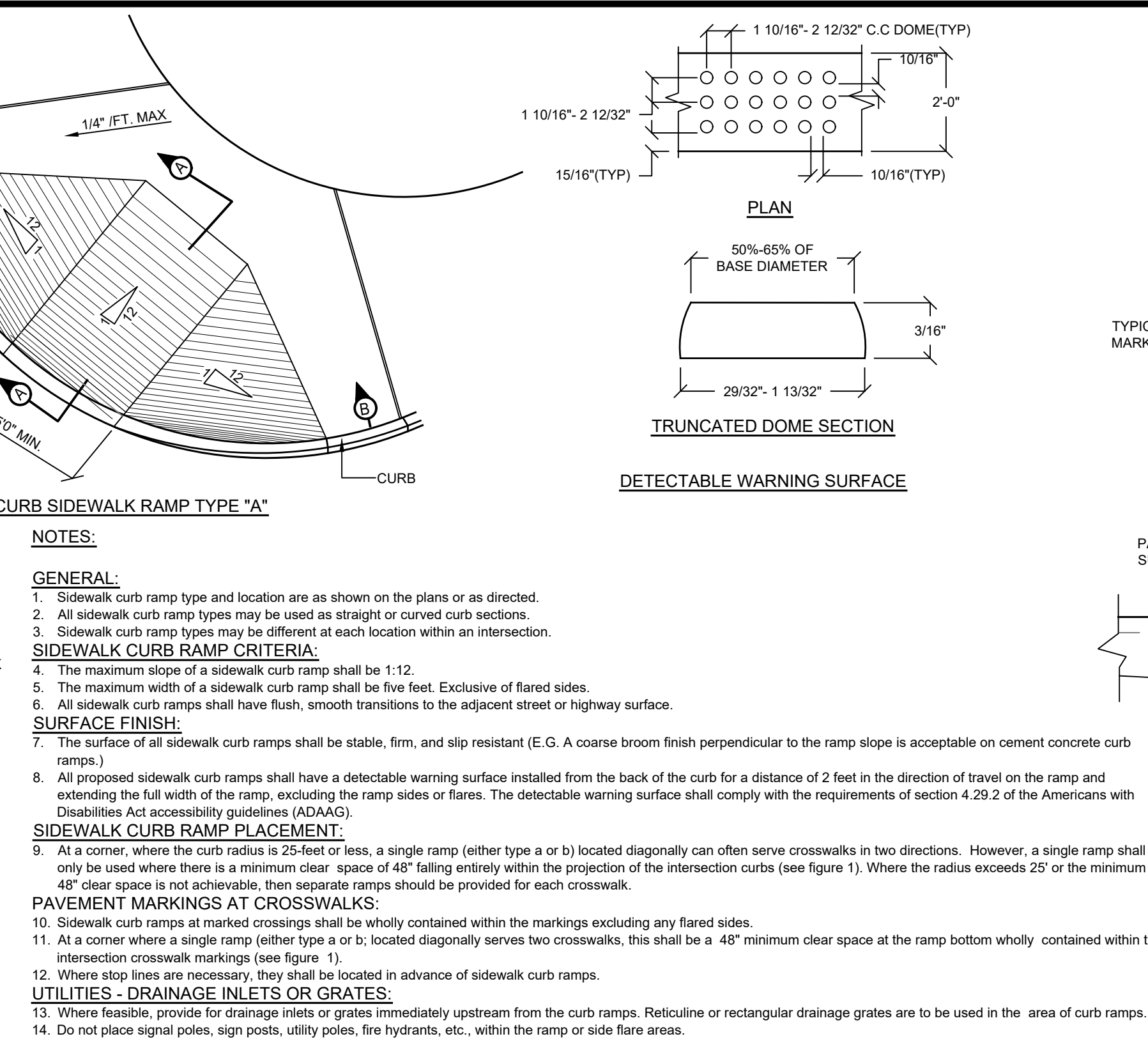
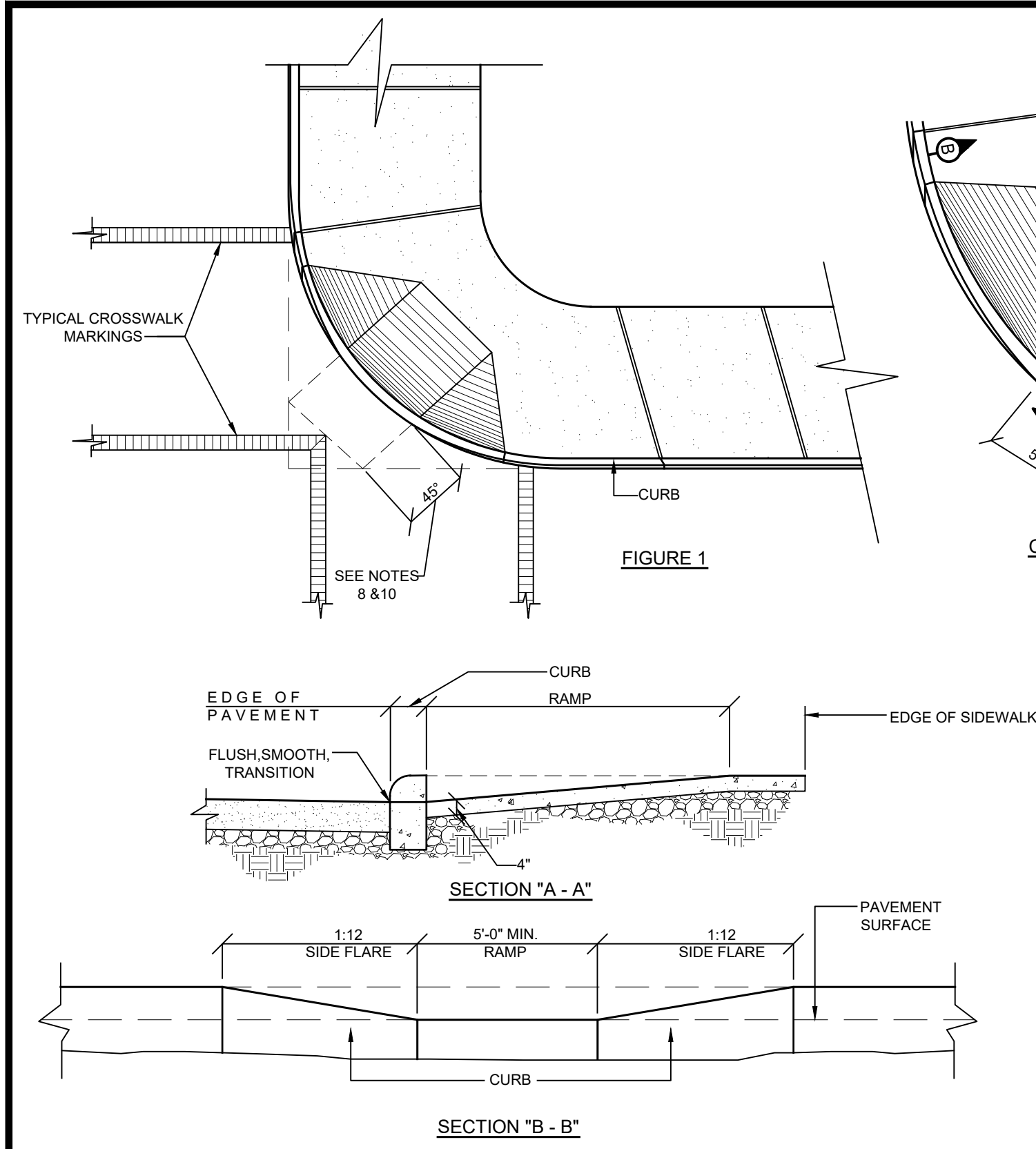
SCALE: N.T.S.
 DRAWN BY: TK
 DATE: 10/21/22

E&S NOTES

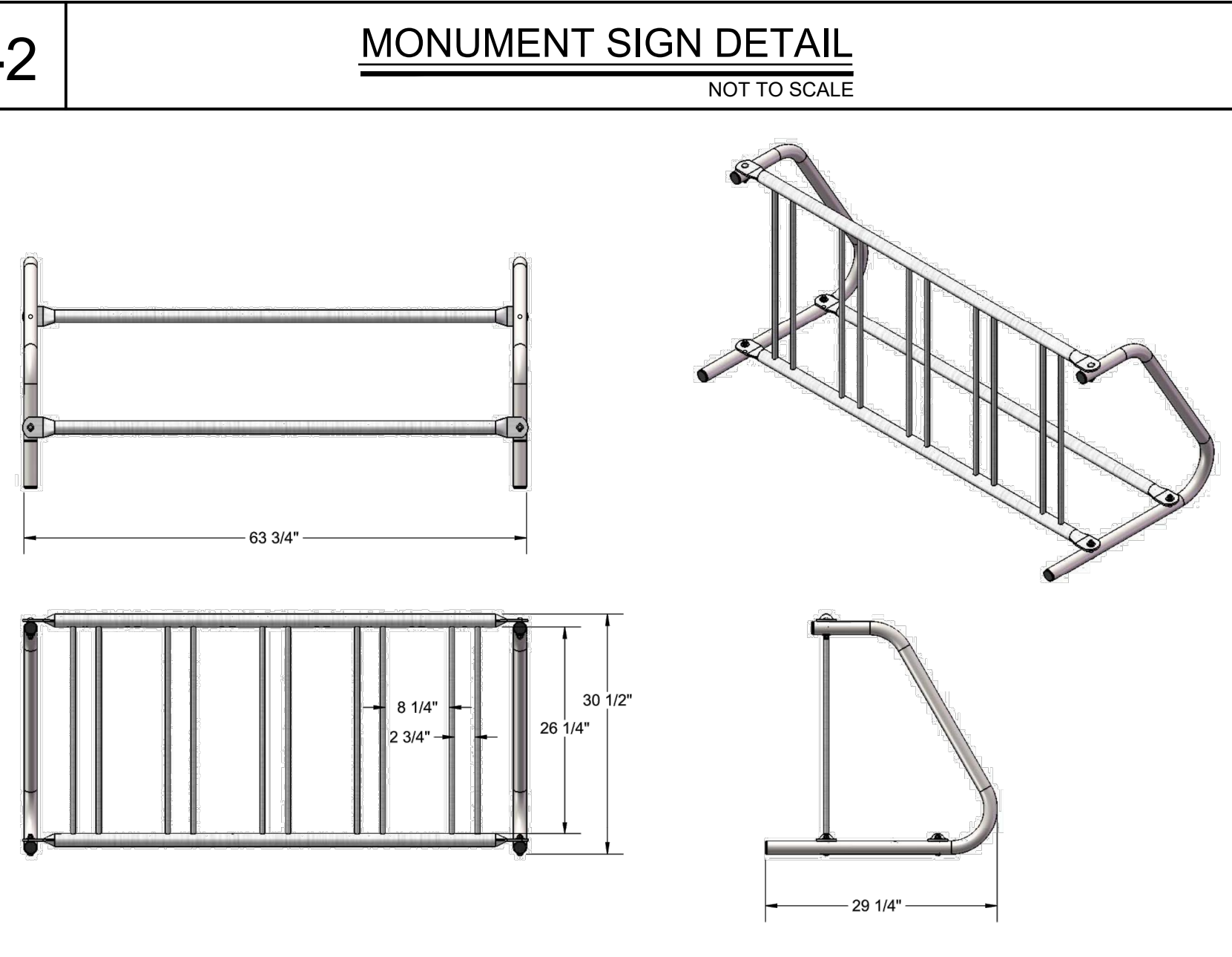
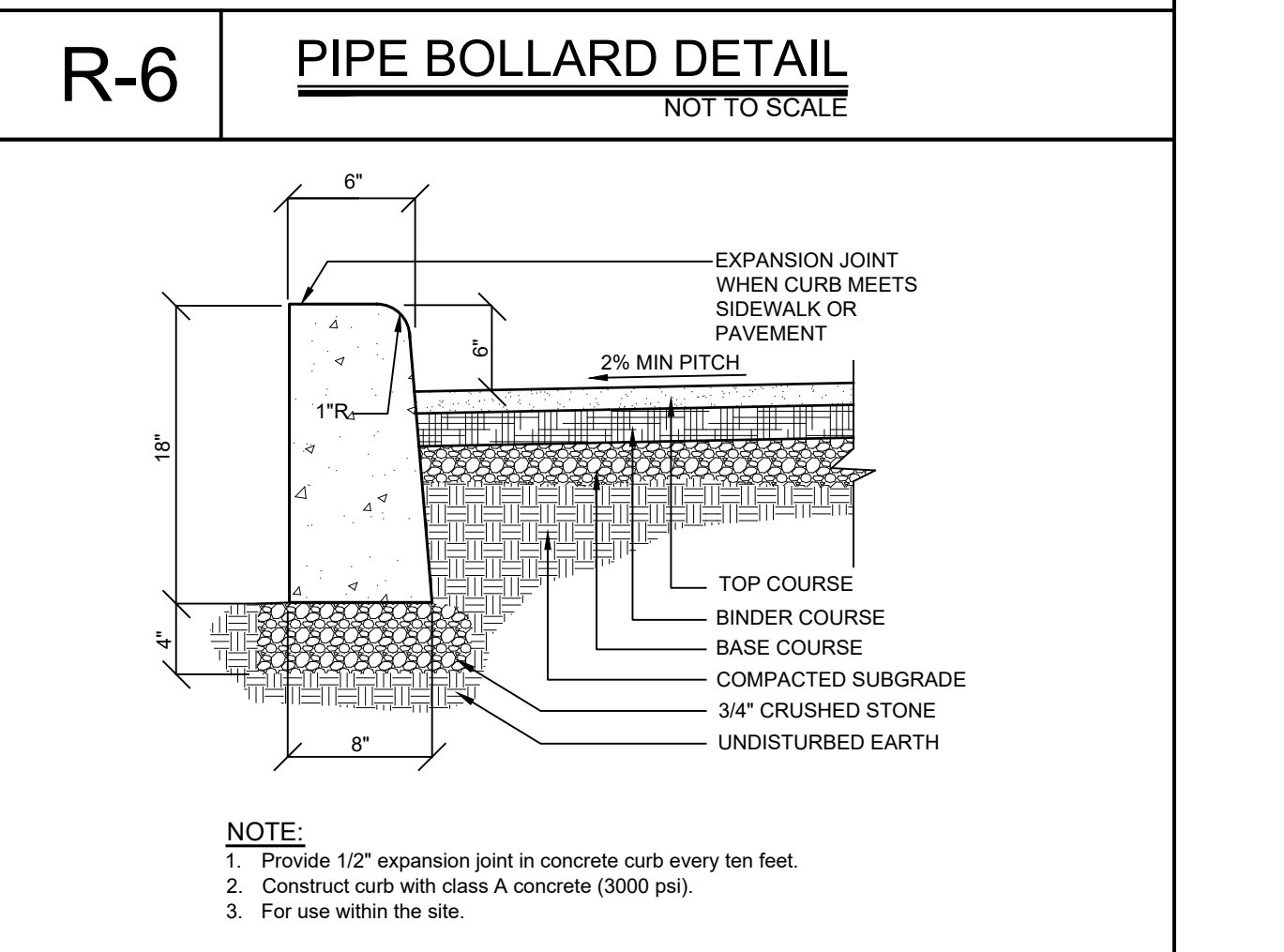
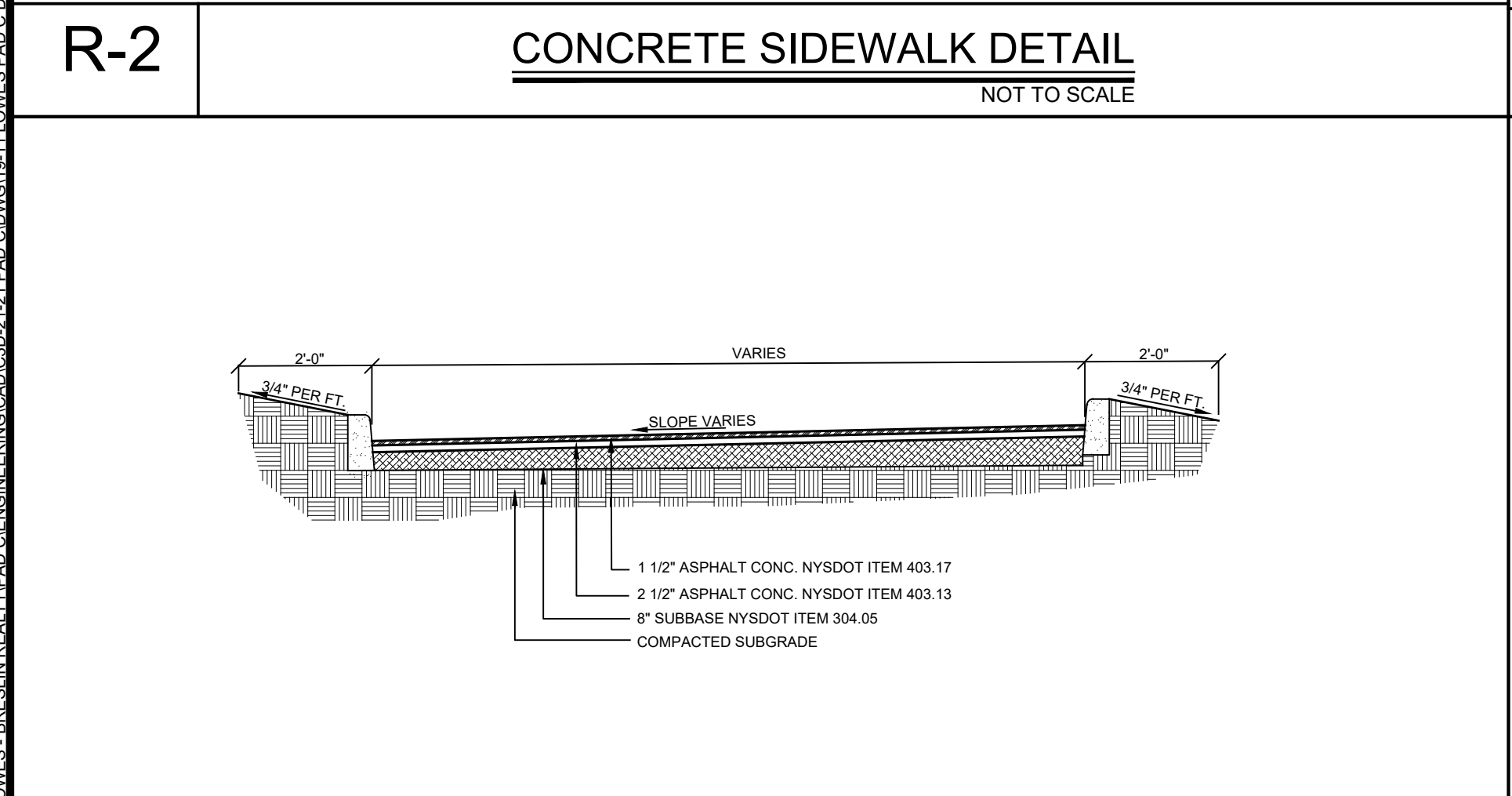
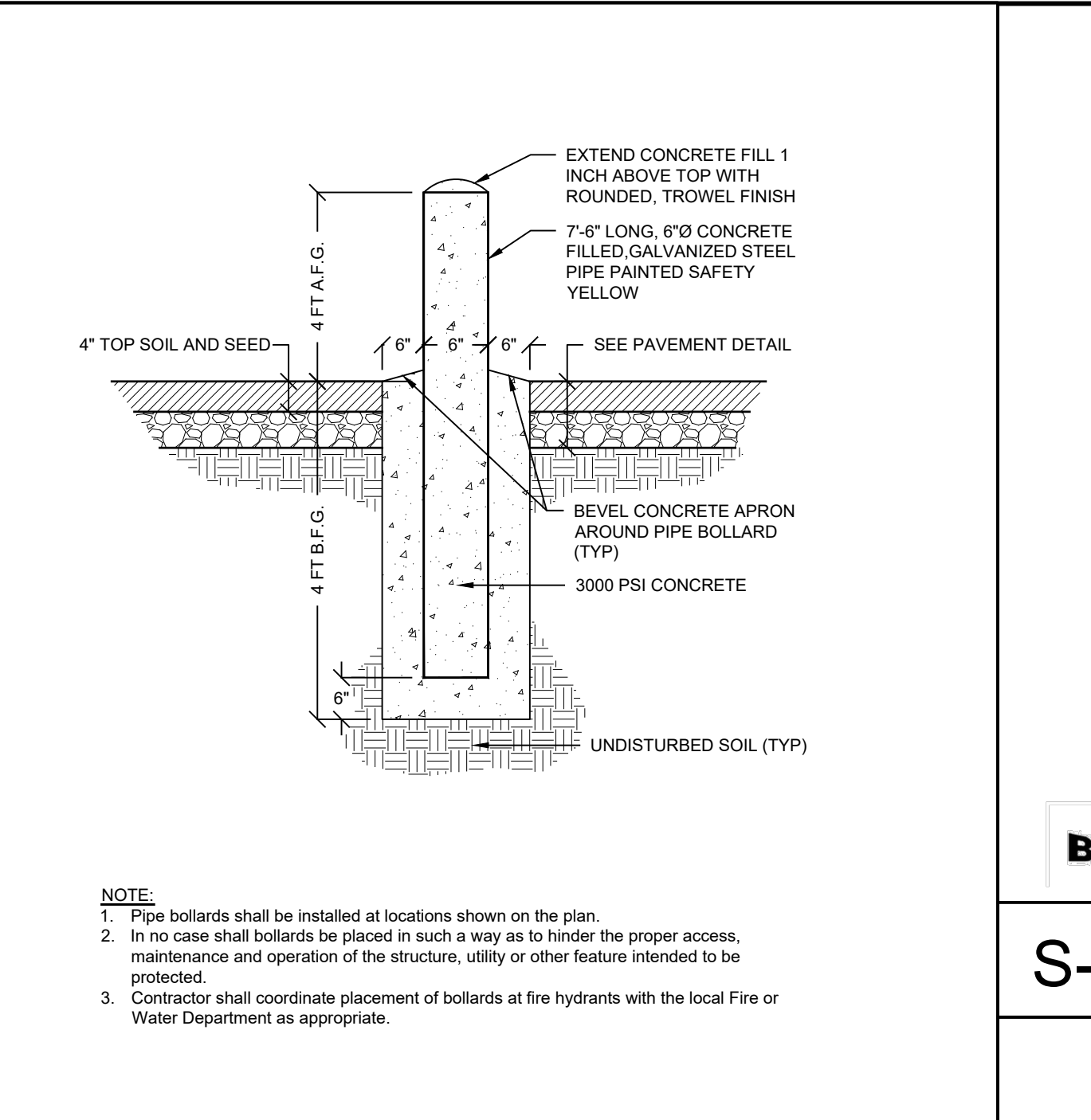
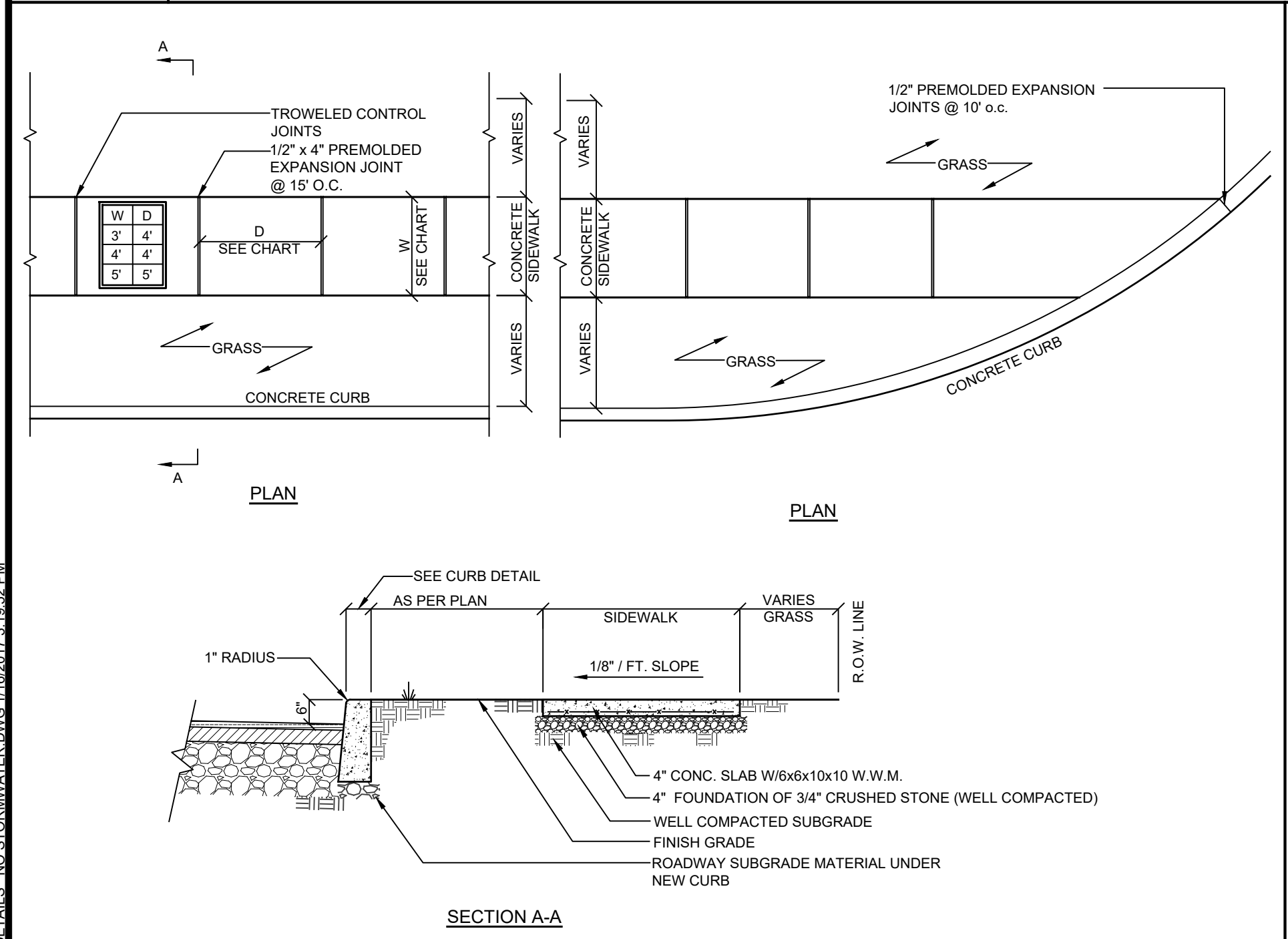
SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
 CROMPOD ROAD
 Town of Yorktown
 Westchester County, New York

Sheet **C-501**

COPYRIGHT © 2012 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



R-1 **SIDEWALK CURB-RAMP DETAIL** NOT TO SCALE



R-3 **TYPICAL DRIVEWAY AND PARKING LOT SECTION** NOT TO SCALE

R-5 **CONCRETE CURB DETAIL** NOT TO SCALE

S-1 **BIKE RACK DETAIL** NOT TO SCALE

Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com

PROJECT # 19-11

Engineer: **JOSEPH CARLO RUINA**
Professional Engineer
NYS Lic. No. 64431

Revisions:	No.	Date	Comments:
	1	11/29/22	Plan Update
	2	12/12/22	Plan Update
	3	1/10/23	Plan Update

SCALE: NTS
DRAWN BY: TK
DATE: 10/21/22

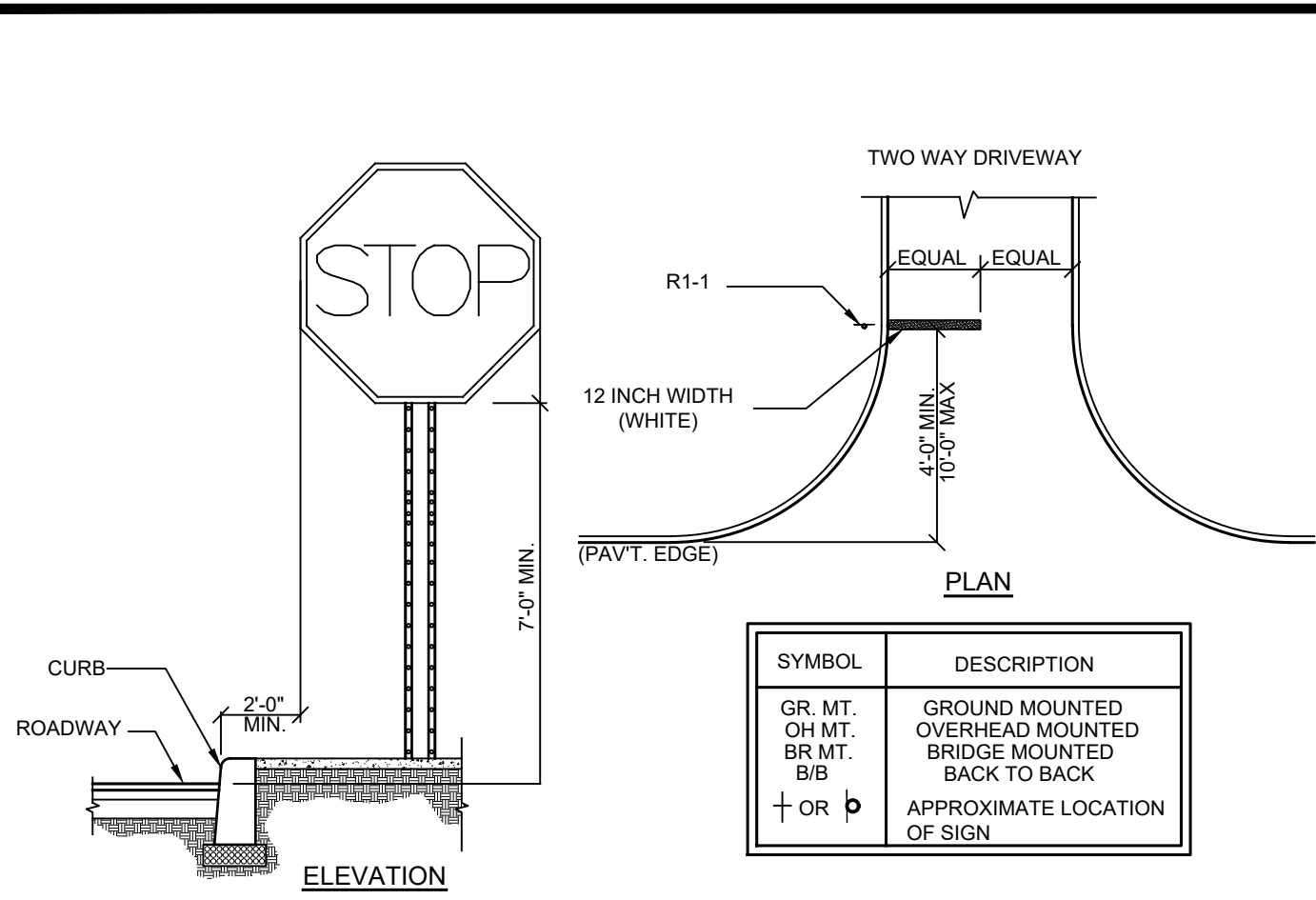
SITE DETAILS

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOD ROAD
Town of Yorktown
Westchester County, New York

Sheet **C-502**

NOTE: UNAUTHORIZED REPRODUCTIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 2309(1)(f) OF THE NEW YORK STATE EMBROIDERY LAW

COPYRIGHT © 2012 BY SITE DESIGN CONSULTANTS. ALL RIGHTS RESERVED.



TYPICAL INSTALLATION GUIDELINES

SIGN	M.U.T.C.D. NUMBER	SIZE OF SIGN	TYPE OF MOUNT
	R1-1	30" X 30"	GR. MT.
	R7-8	12" X 18"	GR. MT.
	R3-15	24" X 24"	GR. MT.

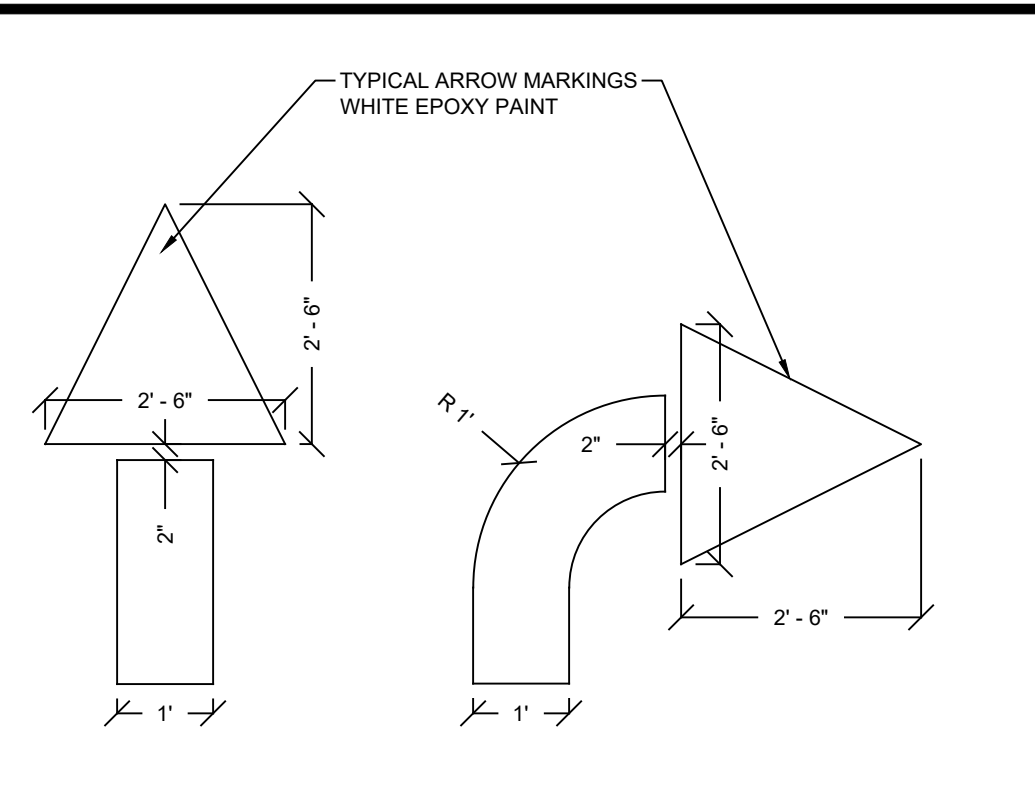
SIGN	M.U.T.C.D. NUMBER	SIZE OF SIGN	TYPE OF MOUNT
	R7-1	12" X 18"	GR. MT.
	R3-12 (L) R3-13 (R)	12" X 18"	GR. MT.
	P1-2 (SEE NOTE 4)	12" X 18"	GR. MT.

- GENERAL NOTES:**
- All signage shall be in accordance with the latest edition of the national MUTCD and the N.Y.S Supplement (MUTCD), September 2007, including the following:
 - A. Letter size and series
 - B. Legend and background color
 - C. Reflectivity
 - D. Size of sign
 - The type of characters as specified in the standard specifications shall be as follows:

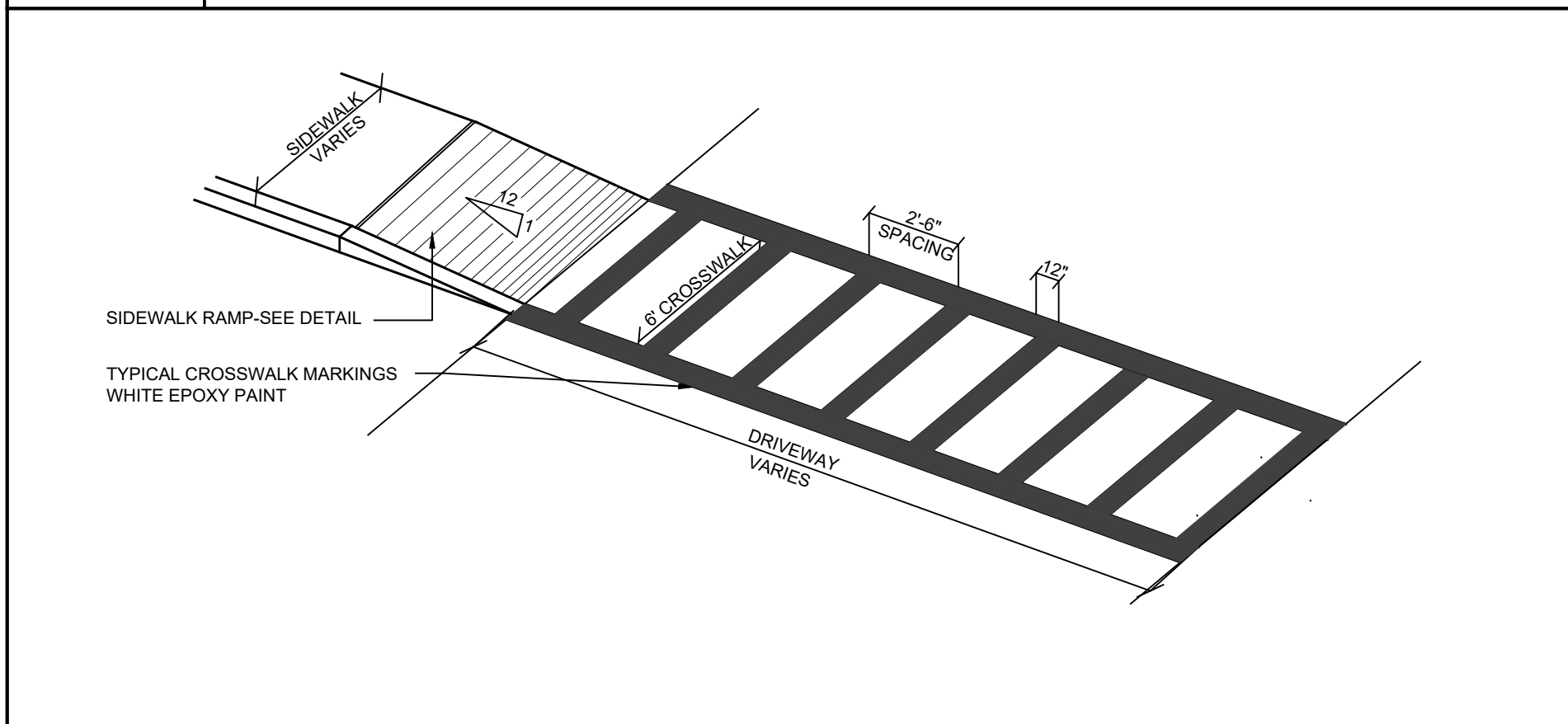
MUTCD CODE LETTER	TYPE IV CHARACTER
G.I.	R.P.W.M.
	TYPE IV OR V.
 - Sign locations as shown on plans are approximate. The Contractor shall relocate existing signs and install new signs in accordance with the MUTCD, latest edition. The Contractor shall contact the Town Engineer to discuss/resolve problem areas.
 - Except where otherwise specified, parking signs shall be placed facing approaching traffic at an angle of between 30 and 45 degrees with the line of traffic flow. Parking signs shall be placed at each end of a regulation (single-headed arrows) and, within the regulation (double-headed arrows), at intervals not to exceed 200 ft.
 - Where new signs are installed the Contractor shall affix a label to the back of the sign panel. This label will show the date of installation and identification numbers.
 - Placement of W3-17 sign is prescribed in the General Municipal Law.



R-10 TYPICAL PARKING STALL LAYOUT
NOT TO SCALE

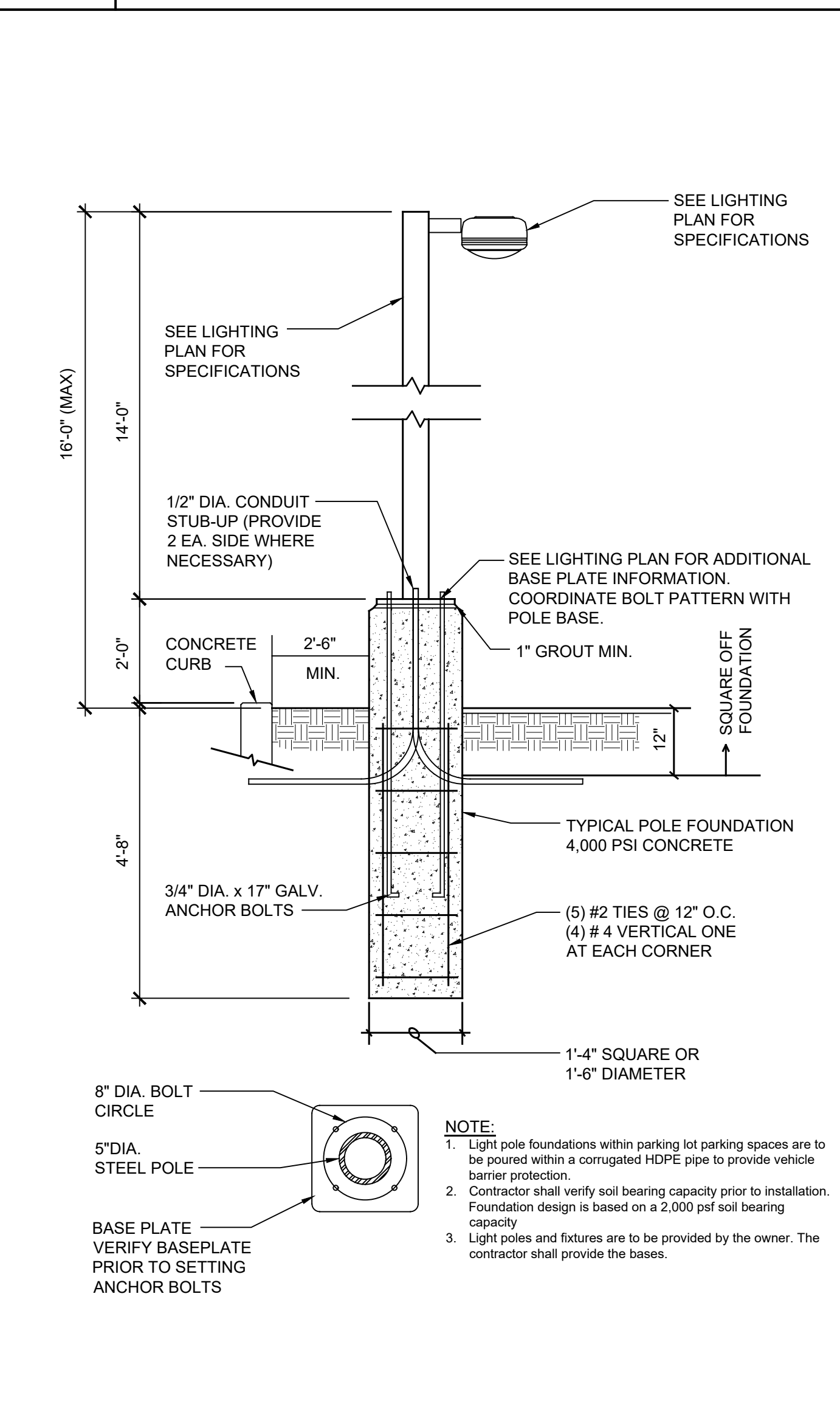


R-11 PAVEMENT ARROWS DETAIL
NOT TO SCALE

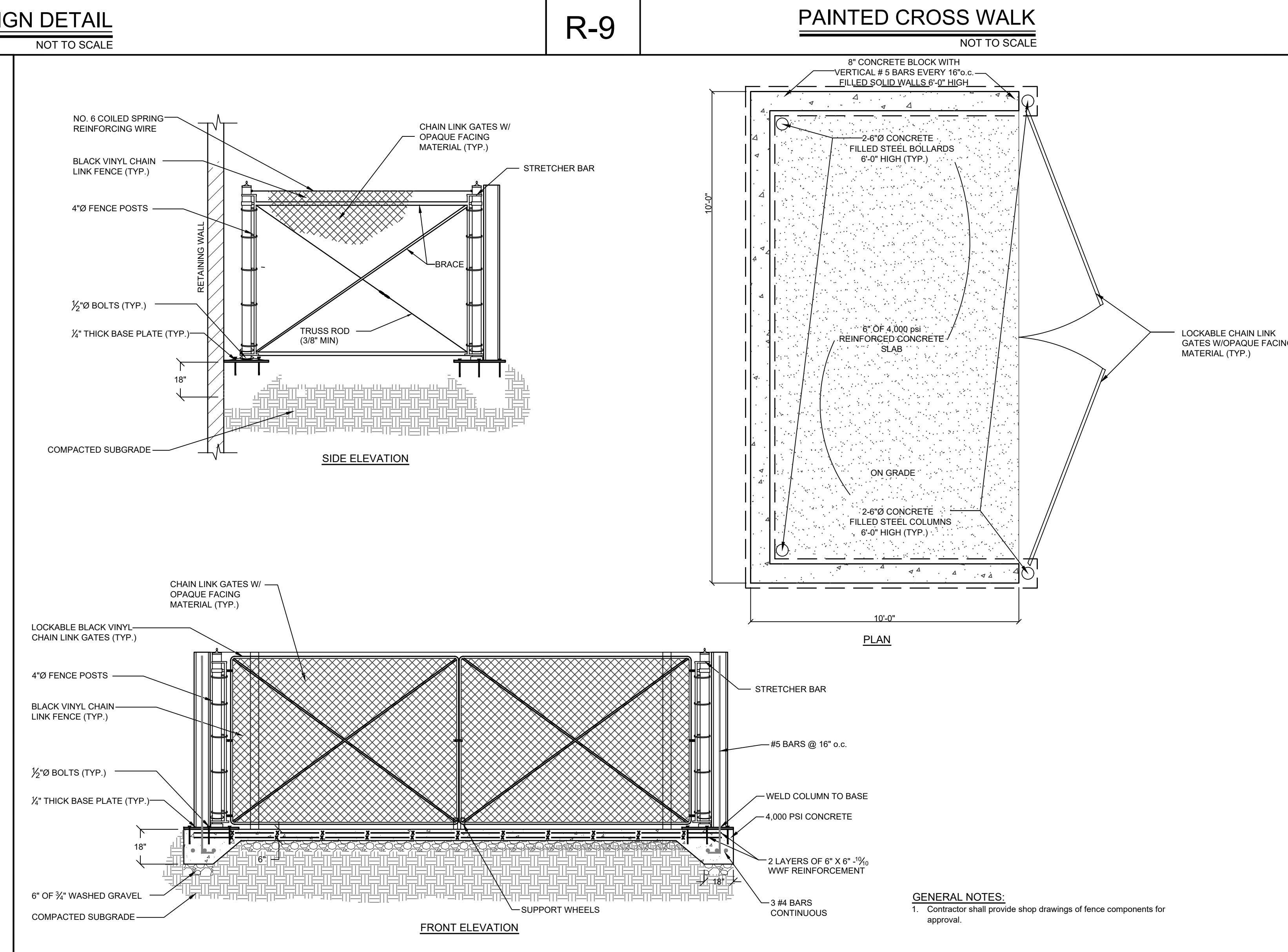


R-9 PAINTED CROSS WALK
NOT TO SCALE

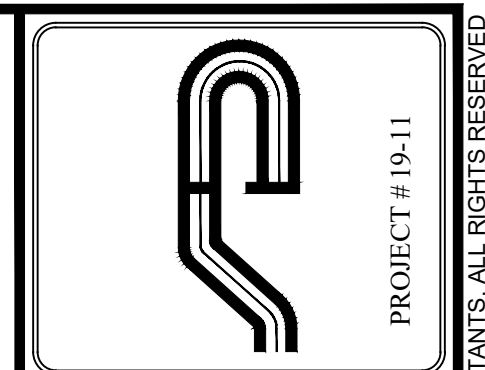
R-7 TRAFFIC SIGN DETAIL
NOT TO SCALE



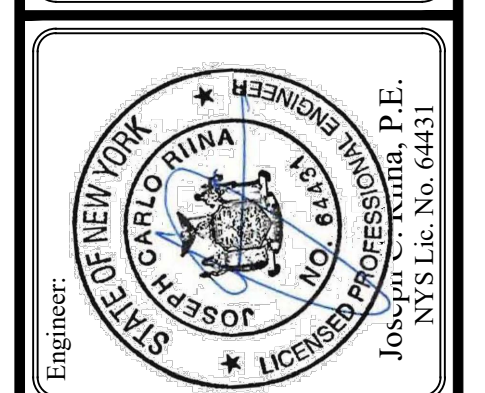
L-1 LIGHT POLE BASE DETAIL
NOT TO SCALE



F-1 TRASH ENCLOSURE
NOT TO SCALE



Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com



Revisions:

No.	Date	Comments
1	11/29/22	Plan Update
2	12/12/22	Plan Update
3	1/10/23	Plan Update

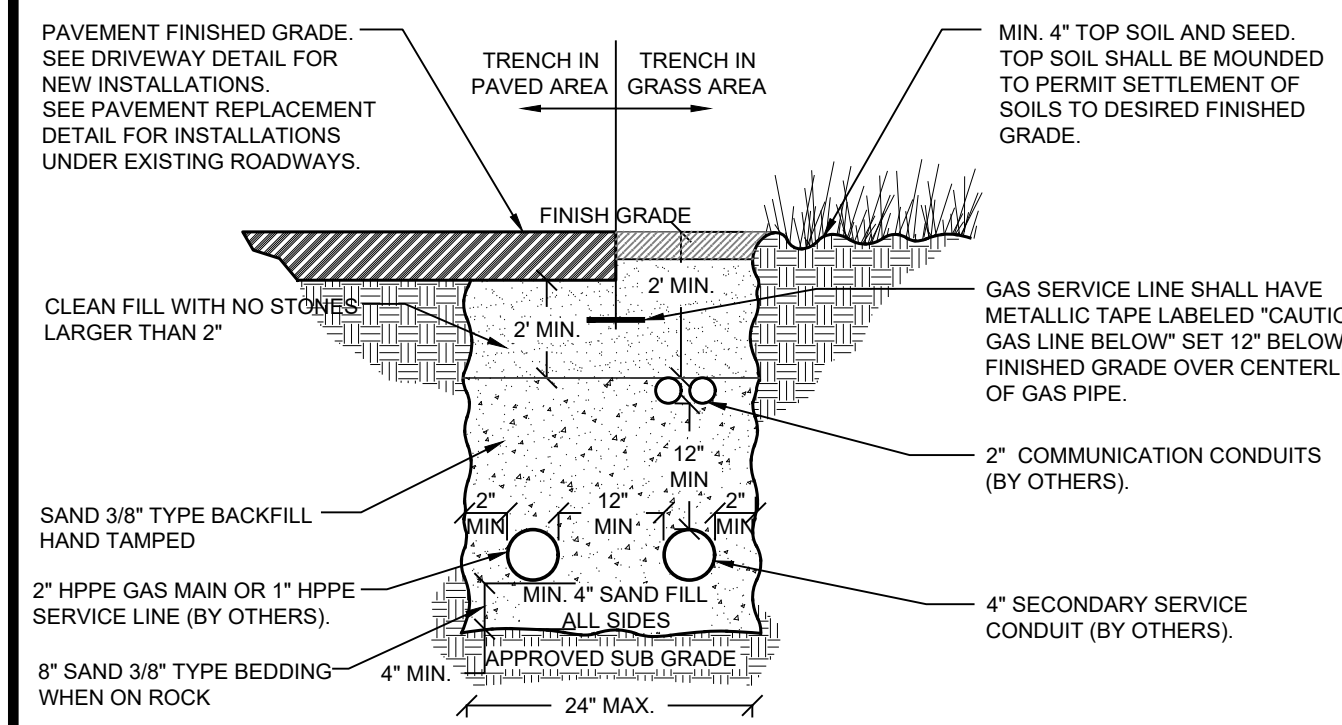
SCALE: NTS
DRAWN BY: TK
DATE: 10/21/22

SITE DETAILS
2

LOWES CENTER - PAD C
CROMPOD ROAD
Town of Yorktown
Westchester County, New York

Sheet **C-503**

E:\2023\1811\LOWES - BRESLIN REALTY\2023\1811\LOWES PAD C DETAILS - NO STORMWATER.DWG 11/29/22 2:19:52 PM

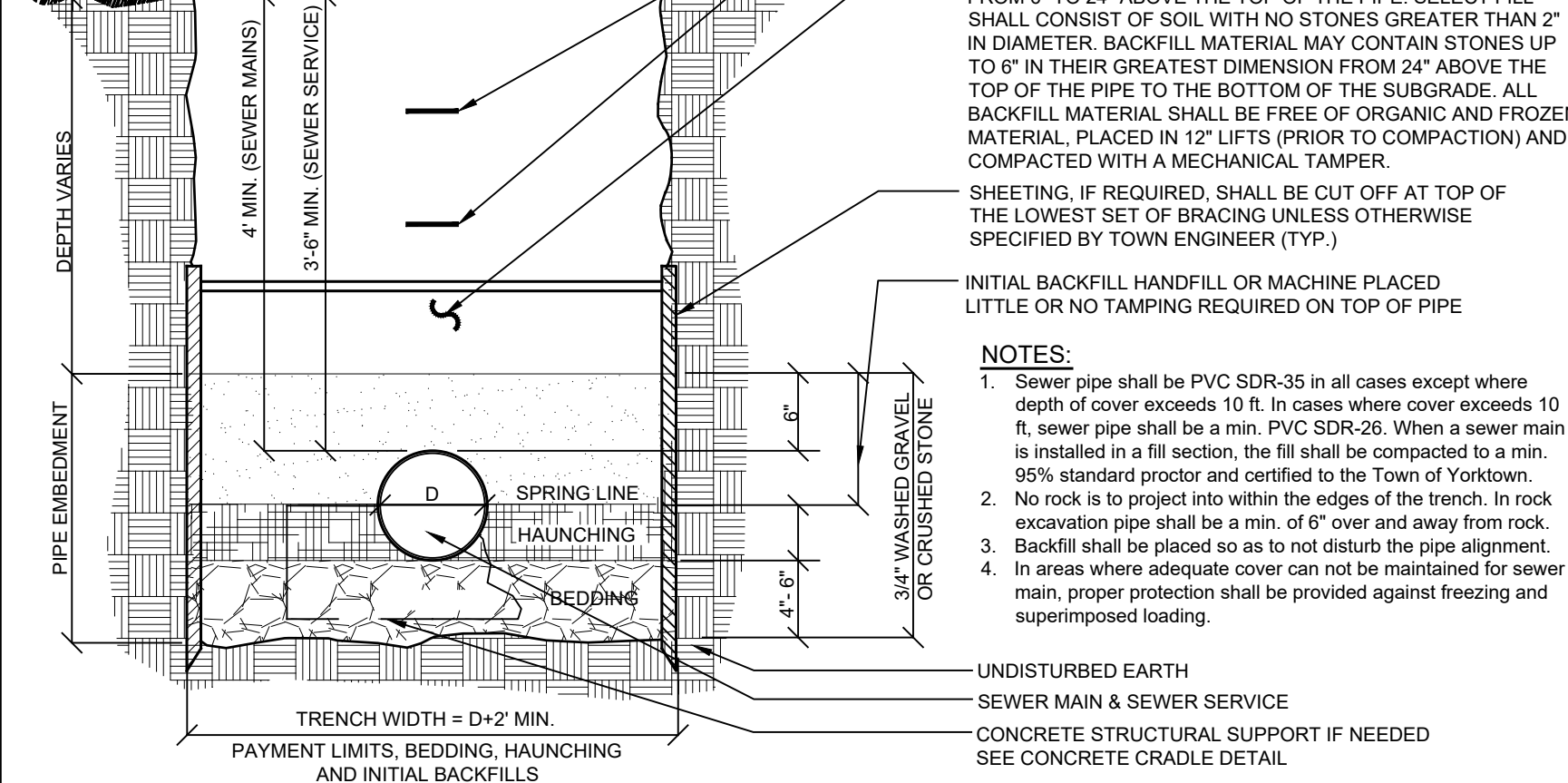


GAS SERVICE BEDDING NOTES:

- Contractor shall coordinate installation with owner. All materials and installation procedures shall meet or exceed minimal requirements of the utility owner.
- Pipe shall be laid and connected in the bedding which shall consist of:
 - Compacted existing subsoil when laid above ground water or;
 - 3/4" crushed stone when laid below ground water.
- If subsoil is determined to be unsuitable by the engineer, all unsuitable material shall be removed for at least 2'-6" below the pipe invert or twice the pipe diameter, whichever is greater, and replaced with compacted bedding material.

UTILITY CONDUIT BEDDING NOTES:

- Contractor shall coordinate installation with owner. All materials and installation procedures shall meet or exceed minimal requirements of the utility owner.
- Pipe shall be laid and connected in the bedding which shall consist of:
 - Compacted existing subsoil when laid above ground water or;
 - 3/4" crushed stone when laid below ground water.
- If subsoil is determined to be unsuitable by the engineer, all unsuitable material shall be removed for at least 2'-6" below the pipe invert or twice the pipe diameter, whichever is greater, and replaced with compacted bedding material.



SEWER SERVICE LINES SHALL HAVE METALLIC TAPE LABELED "CAUTION SEWER LINE BELOW" SET AT BOTH 12" AND 24" BELOW FINISHED GRADE OVER CENTERLINE OF SEWER PIPES.

PIPES SHALL BE BACKFILLED WITH SELECT FILL MATERIAL FROM 6" TO 24" ABOVE THE TOP OF THE PIPE. SELECT FILL SHALL CONSIST OF SOIL WITH NO STONES GREATER THAN 2" IN DIAMETER. BACKFILL MATERIAL MAY CONTAIN STONES UP TO 6" IN THEIR GREATEST DIMENSION FROM 24" ABOVE THE TOP OF THE PIPE TO THE BOTTOM OF THE SUBGRADE. ALL BACKFILL MATERIAL SHALL BE FREE OF ORGANIC AND FROZEN MATERIAL. PLACED IN 12" LIFTS (PRIOR TO COMPACTION) AND COMPACTED WITH A MECHANICAL TAMPER.

SHEETING, IF REQUIRED, SHALL BE CUT OFF AT TOP OF THE LOWEST SET OF BRACING UNLESS OTHERWISE SPECIFIED BY TOWN ENGINEER (TVP.)

INITIAL BACKFILL HANDFILL OR MACHINE PLACED LITTLE OR NO TAMPING REQUIRED ON TOP OF PIPE

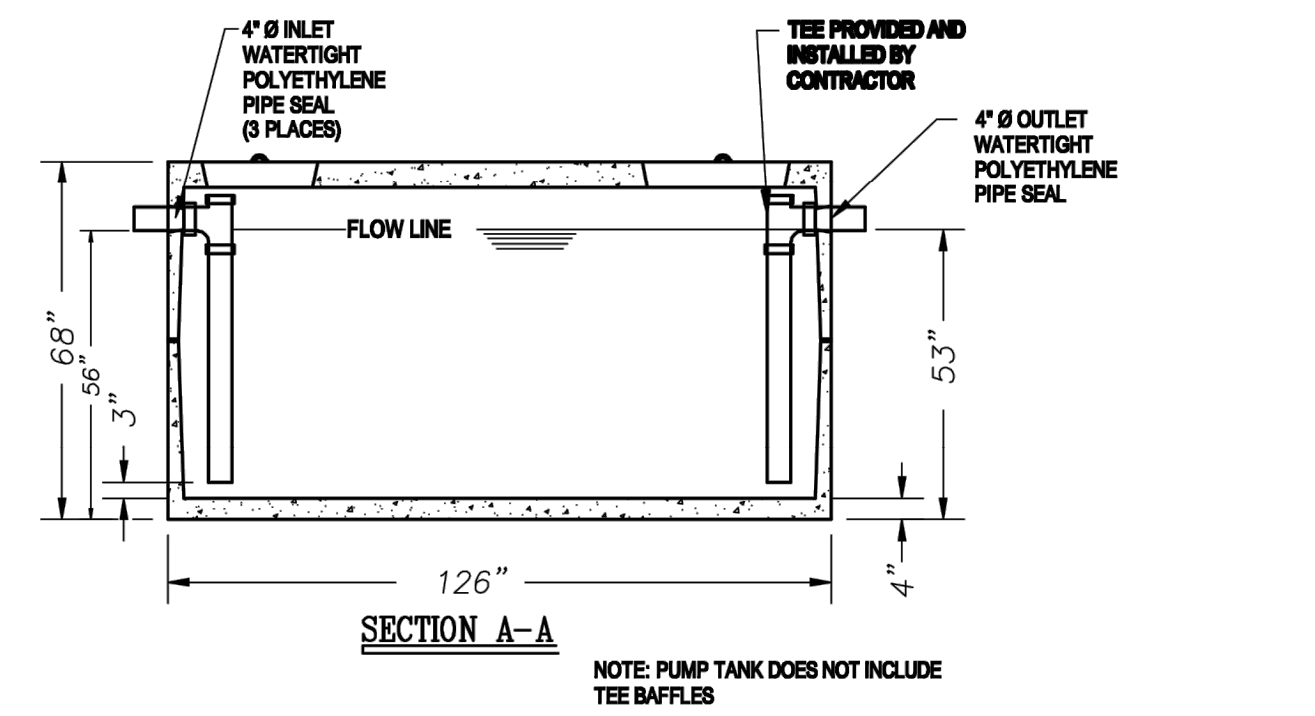
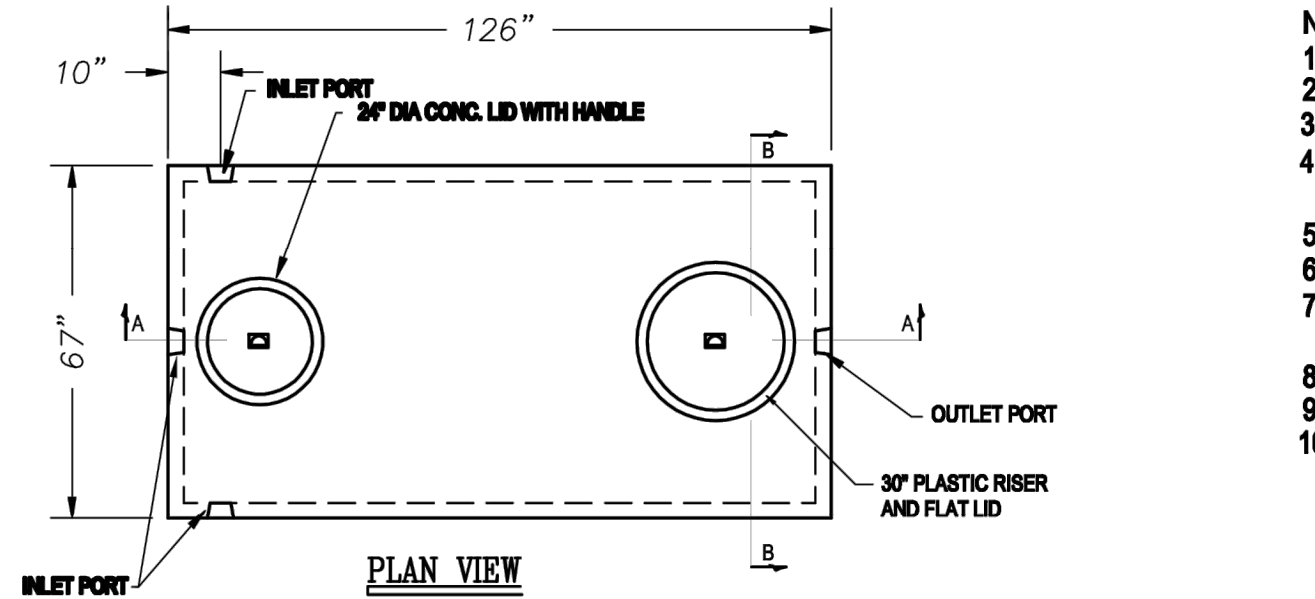
NOTES:

- Sewer pipe shall be PVC SDR-35 in all cases except where depth of cover exceeds 10 ft. In cases where cover exceeds 10 ft, sewer pipe shall be a min. PVC SDR-26. When a sewer main is installed in a fill section, the fill shall be compacted to a min. 95% standard proctor and certified to the Town of Yorktown.
- No rock is to project into the edges of the trench. In rock excavation pipe shall be a min. of 6" over and away from rock.
- Backfill shall be placed so as to not disturb the pipe alignment.
- In areas where adequate cover can not be maintained for sewer main, proper protection shall be provided against freezing and superimposed loading.

UNDISTURBED EARTH

SEWER MAIN & SEWER SERVICE CONCRETE STRUCTURAL SUPPORT IF NEEDED SEE CONCRETE CRADLE DETAIL

TRENCH WIDTH = D+2" MIN. PAYMENT LIMITS, BEDDING, HAUNCHING AND INITIAL BACKFILLS



NOTES:

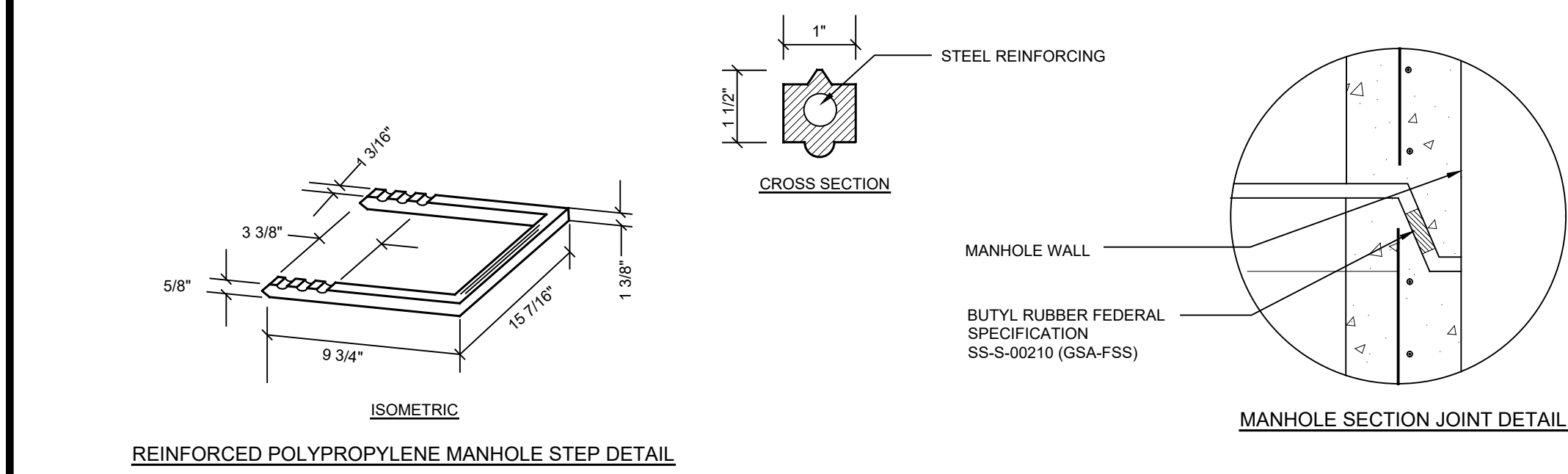
- Intentionally left blank
- Steel reinforcement: A.S.T.M. A496-A615 Grade 60-80 ksi
- Joints sealed with Con Seal CS101 Butyl Mastic
- Concrete: 4000 psi @ 28 days, 5% - 9% air entrainment with 5 lbs / cu. yd of fiber mesh
- Equipped with polylok seals
- Intentionally left blank
- Design loading A-0.3/300 psf - walkways, floatation forces not accounted for
- Max. cover over tank: 3' of earth fill
- Min. 1" concrete cover over reinforcement
- Tank to conform with ASTM C1227

NOTE: PUMP TANK DOES NOT INCLUDE TEE BAFFLES

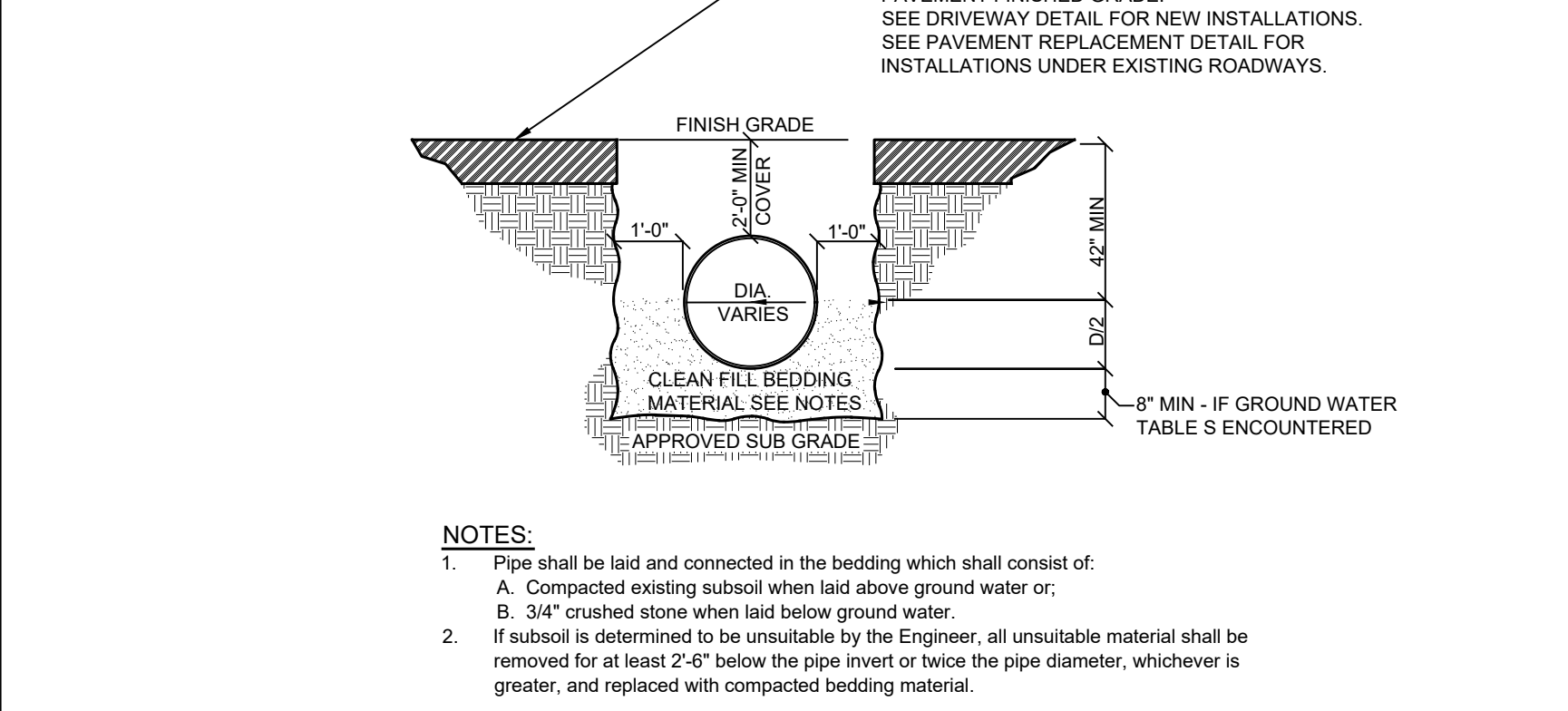
U-1 GAS AND UTILITY SERVICE BEDDING TRENCH DETAIL
NOT TO SCALE

SS-1 SEWER MAIN / SEWER SERVICE TRENCH DETAIL
NOT TO SCALE

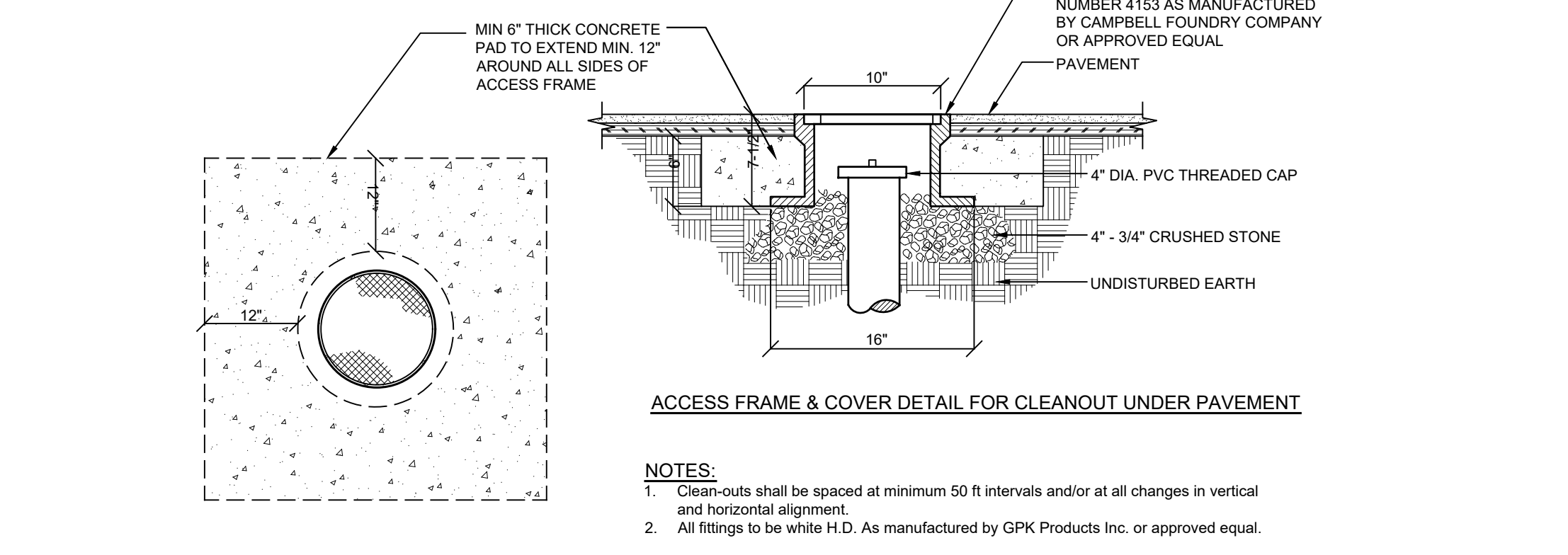
SS-3 GREASE TRAP DETAIL
NOT TO SCALE



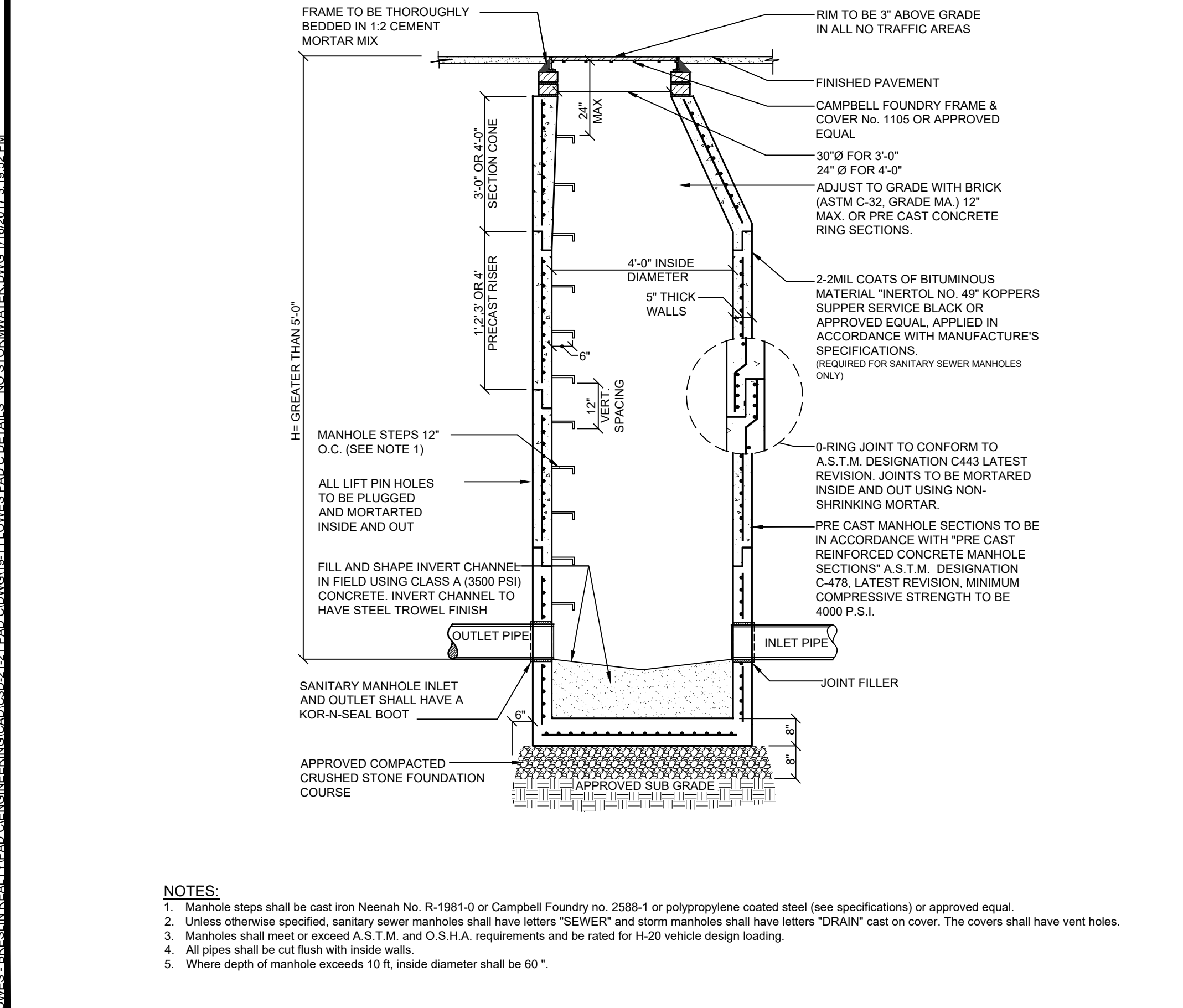
REINFORCED POLYPROPYLENE MANHOLE STEP DETAIL



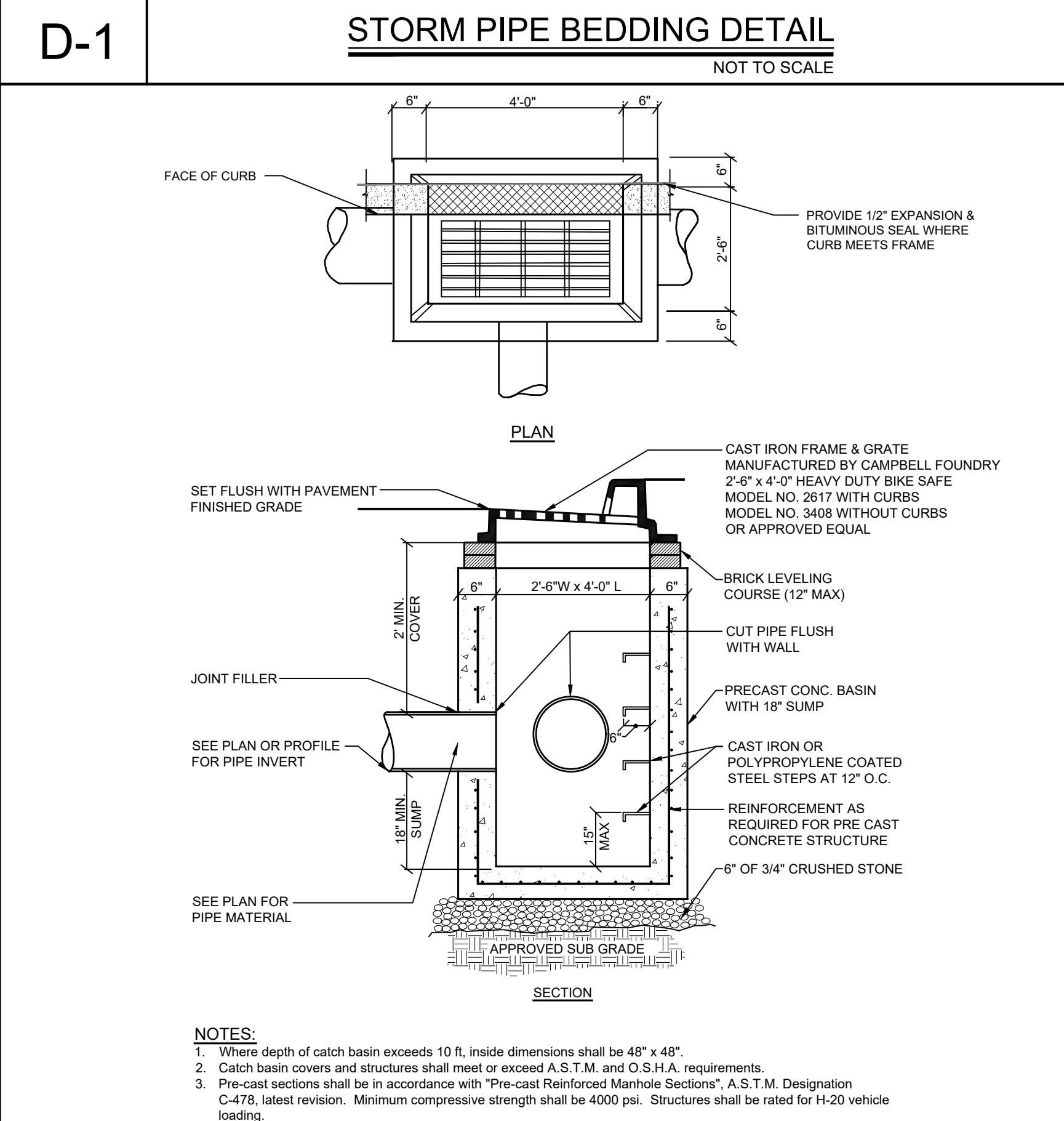
D-1 STORM PIPE BEDDING DETAIL
NOT TO SCALE



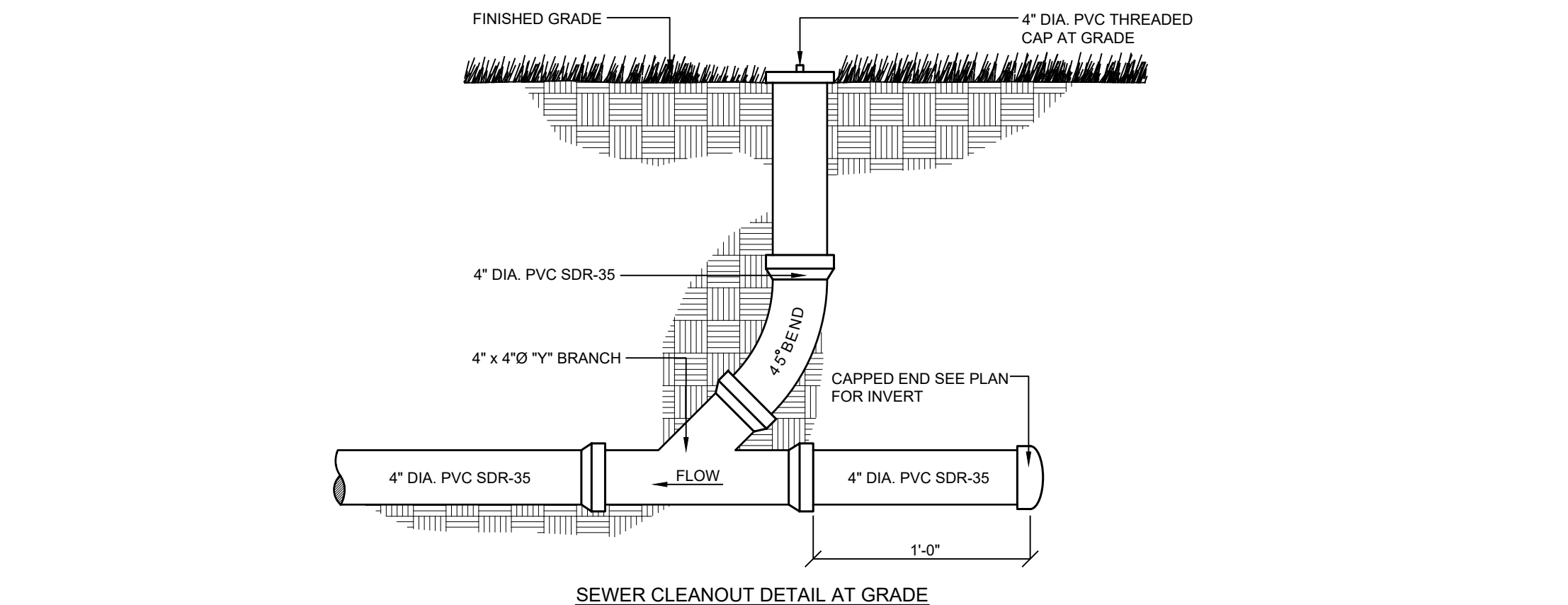
ACCESS FRAME & COVER DETAIL FOR CLEANOUT UNDER PAVEMENT



SS-4 PRECAST CONCRETE SEWER / STORM DRAIN MANHOLE DETAIL
NOT TO SCALE



D-2 TYPICAL CATCH BASIN DETAIL
NOT TO SCALE



SS-2 GRAVITY SEWER LATERAL CLEAN-OUT DETAIL
NOT TO SCALE

MHCP
1500 GALLON PUMP TANK / GREASE TANK
DRAWING NUMBER: 1000-1-1-15
DATE: 10/4/20

Site Design Consultants
Civil Engineers • Land Planners
251-J Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com

PROJECT # 19-11

Engineer: **JOSEPH P. RIVINA**
Professional Engineer
NYS Lic. No. 64431

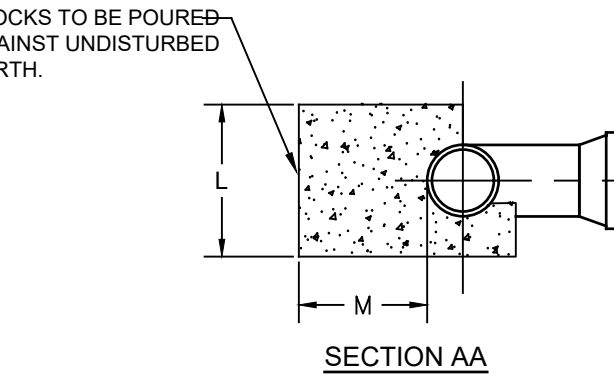
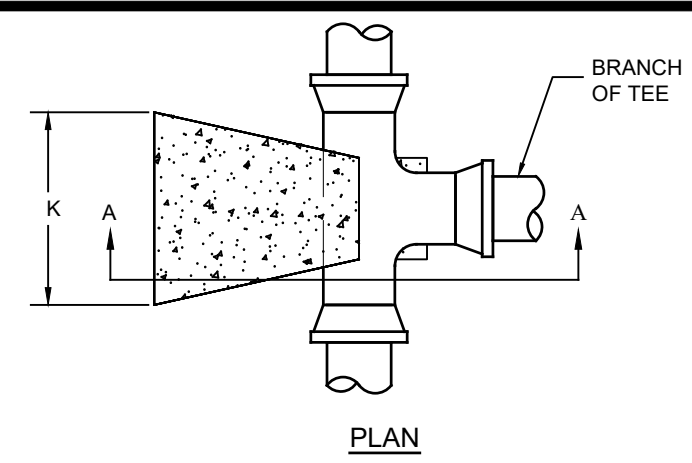
Revisions:	No.	Date	Comments
	1	11/29/22	Plan Update
	2	12/12/22	Plan Update
	3	1/10/23	Plan Update

SCALE: NTS
DRAWN BY: TK
DATE: 10/21/22

UTILITY DETAILS

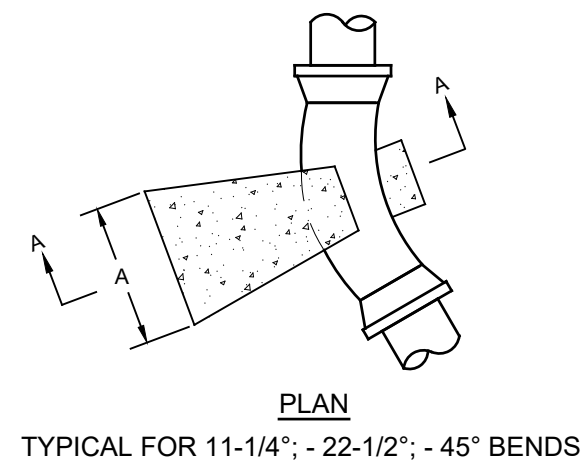
SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOD ROAD
Town of Yorktown
Westchester County, New York

Sheet **C-504**

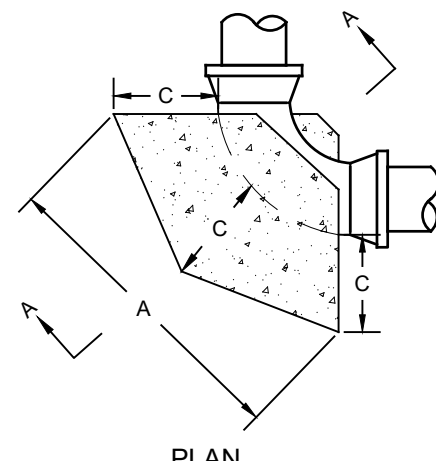


BRANCH SIZE IN.	BLOCK DIMENSIONS			CONCRETE VOLUME FT ³
	K IN.	L IN.	M IN.	
4 & 6	18	16	12	2.4

- NOTES:**
- MIN. 2,500 PSI CONCRETE TO BE USED.
 - BLOCK DIMENSIONS ARE MINIMUM AND ARE BASED UPON SOIL BEARING PRESSURE OF 2,000 PSF AND WATER PRESSURE OF 150 PSI. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
 - ALL BOLTS SHALL BE COVERED WITH BURLAP BEFORE POURING CONCRETE.

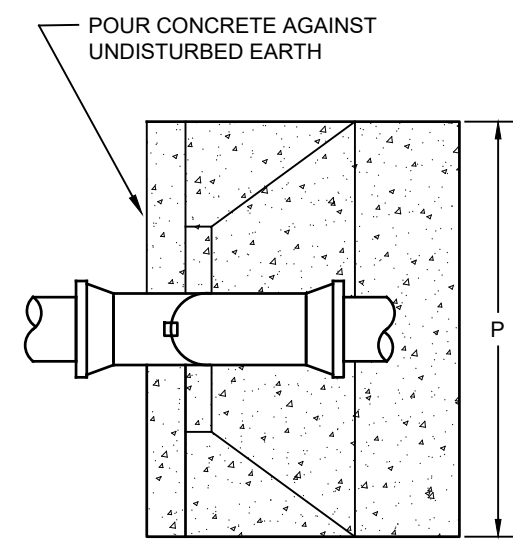
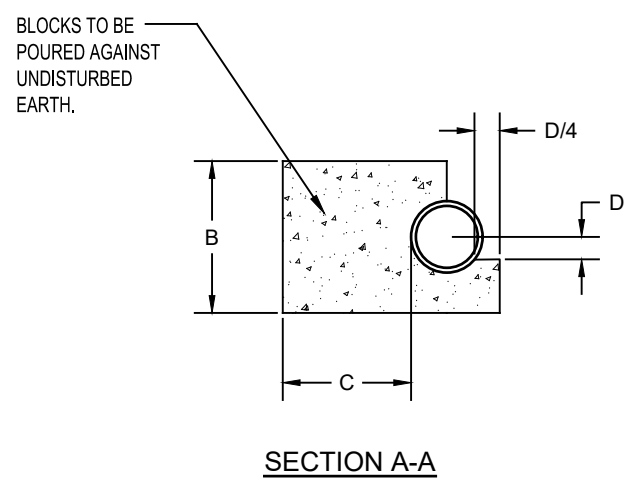


TYPICAL FOR 11-1/4"; - 22-1/2"; - 45° BENDS



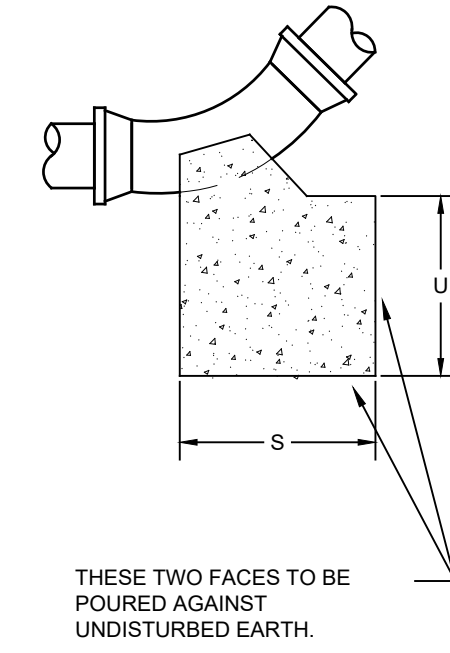
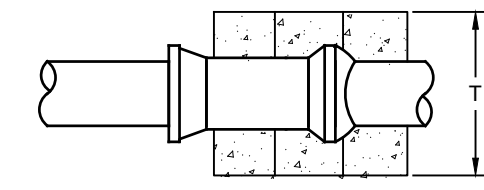
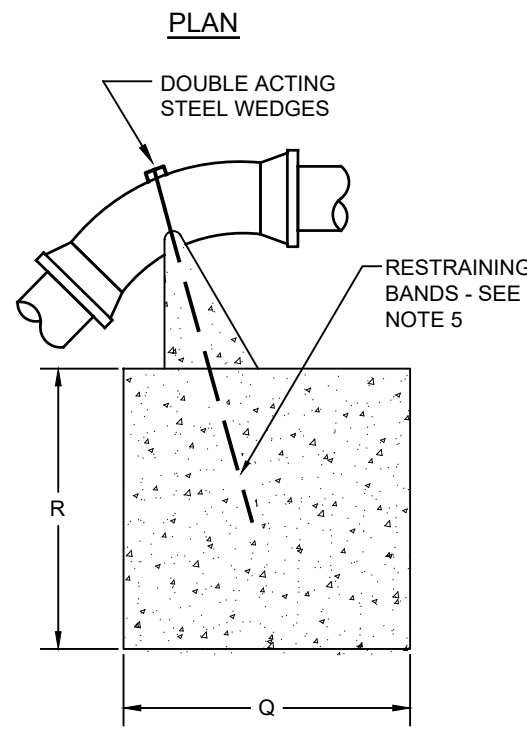
PIPE DIAM. IN.	BEND	BLOCK DIMENSIONS			CONCRETE VOLUME FT ³
		A IN.	B IN.	C IN.	
4 & 6	90	24	16	12	2.5
	45	14	14	12	1.5
	22.5	12	12	12	1.2
11.25					(3)

- NOTES:**
- MIN. 2,500 PSI CONCRETE TO BE USED.
 - BLOCK DIMENSIONS ARE MINIMUM AND ARE BASED UPON SOIL BEARING PRESSURE OF 2,000 PSF AND WATER PRESSURE OF 150 PSI. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
 - ALL BOLTS SHALL BE COVERED WITH BURLAP BEFORE POURING CONCRETE.
 - BEND TO BE SET AGAINST UNDISTURBED EARTH. BACKFILL TO BE FIRMLY TAMPED, OR BLOCK TO BE FURNISHED AS DIRECTED BY THE ENGINEER.



PIPE DIAM. IN.	BEND	BLOCK DIMENSIONS			CONCRETE VOLUME CY
		P IN.	Q IN.	R IN.	
4 & 6	45	42	30	28	0.76
	22.5	26	26	26	0.38
	11.25	24	24	24	0.30

- NOTES:**
- MIN. 2,500 PSI CONCRETE TO BE USED.
 - BLOCK DIMENSIONS ARE MINIMUM AND ARE BASED UPON SOIL BEARING PRESSURE OF 2,000 PSF AND WATER PRESSURE OF 150 PSI. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
 - ALL BOLTS SHALL BE COVERED WITH BURLAP BEFORE POURING CONCRETE.
 - WHERE 90° CREST VERTICAL BEND IS REQUIRED APPROVAL MUST FIRST BE OBTAINED FROM THE ENGINEER. A SPECIAL DESIGN WILL BE REQUIRED.
 - 2 #6 REINFORCING RODS REQUIRED FOR 16" 45° BEND; 1 #6 REINFORCING ROD REQUIRED FOR ALL OTHER BENDS. EXPOSED BARS TO BE PROVIDED WITH PROTECTIVE COATING.



PIPE DIAM. IN.	BEND	BLOCK DIMENSIONS			CONCRETE VOLUME FT ³
		S IN.	T IN.	U IN.	
4 & 6	90	18	18	18	3.4
	45	18	12	12	1.5
	22.5	12	12	12	1.0

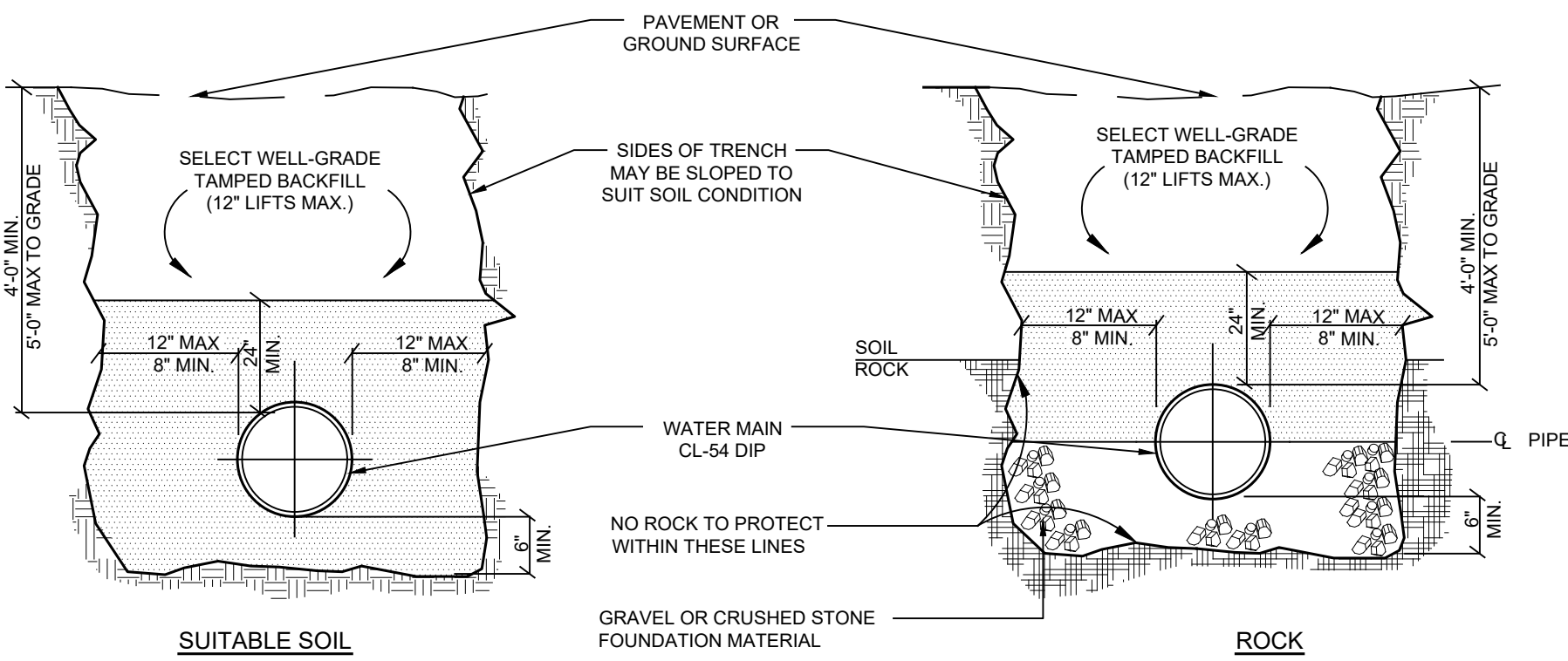
- NOTES:**
- MIN. 2,500 PSI CONCRETE TO BE USED.
 - BLOCK DIMENSIONS ARE MINIMUM AND ARE BASED UPON SOIL BEARING PRESSURE OF 2,000 PSF AND WATER PRESSURE OF 150 PSI. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
 - ALL BOLTS SHALL BE COVERED WITH BURLAP BEFORE POURING CONCRETE.
 - BEND TO BE SET AGAINST UNDISTURBED EARTH. BACKFILL TO BE FIRMLY TAMPED, OR BLOCK TO BE FURNISHED AS DIRECTED BY THE ENGINEER.

W-1 THRUST BLOCKING FOR TEES
NOT TO SCALE

W-2 THRUST BLOCKING FOR HORIZONTAL BENDS
NOT TO SCALE

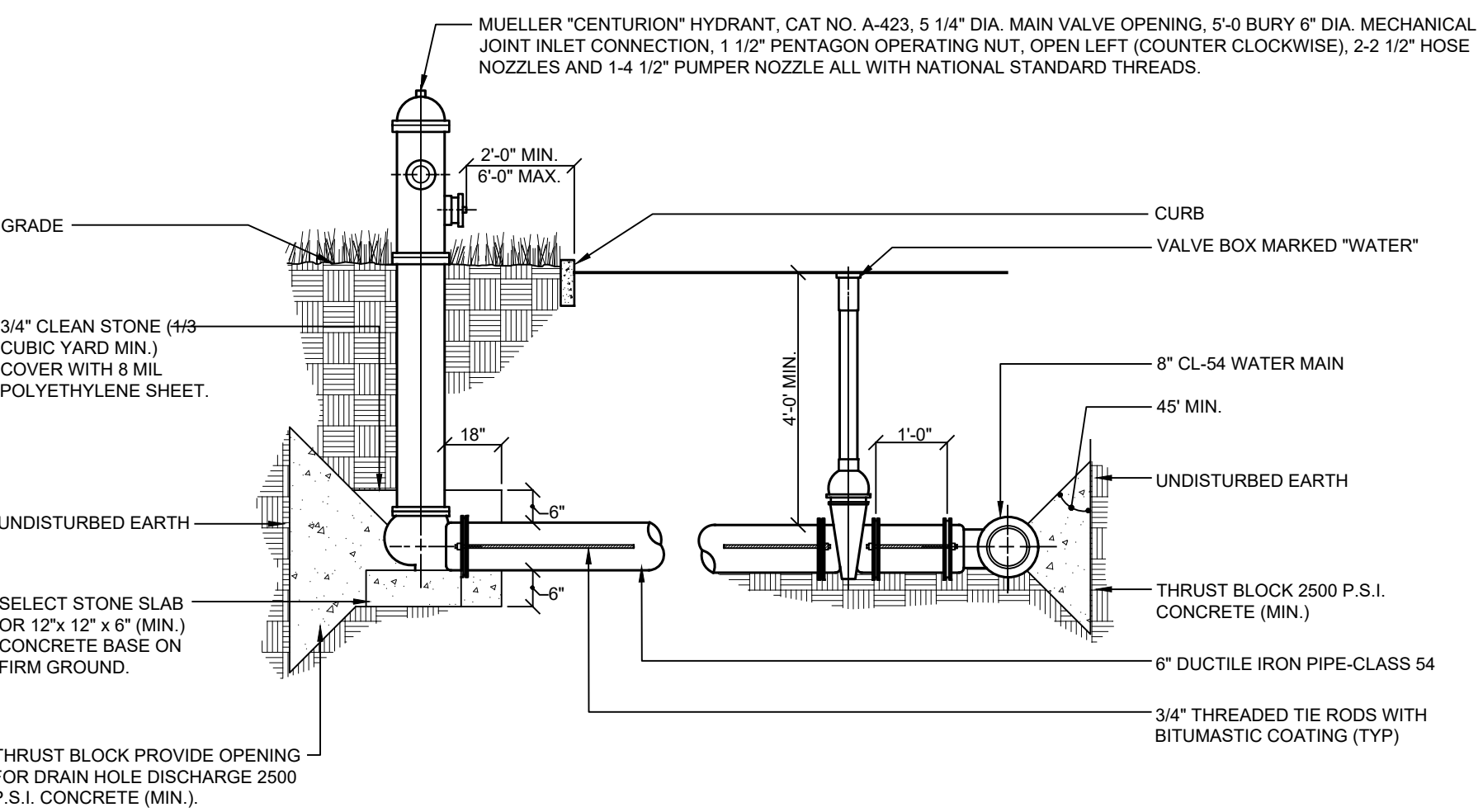
W-3 THRUST BLOCKING FOR CREST VERTICAL BENDS
NOT TO SCALE

W-4 THRUST BLOCKING FOR SAG VERTICAL BENDS
NOT TO SCALE



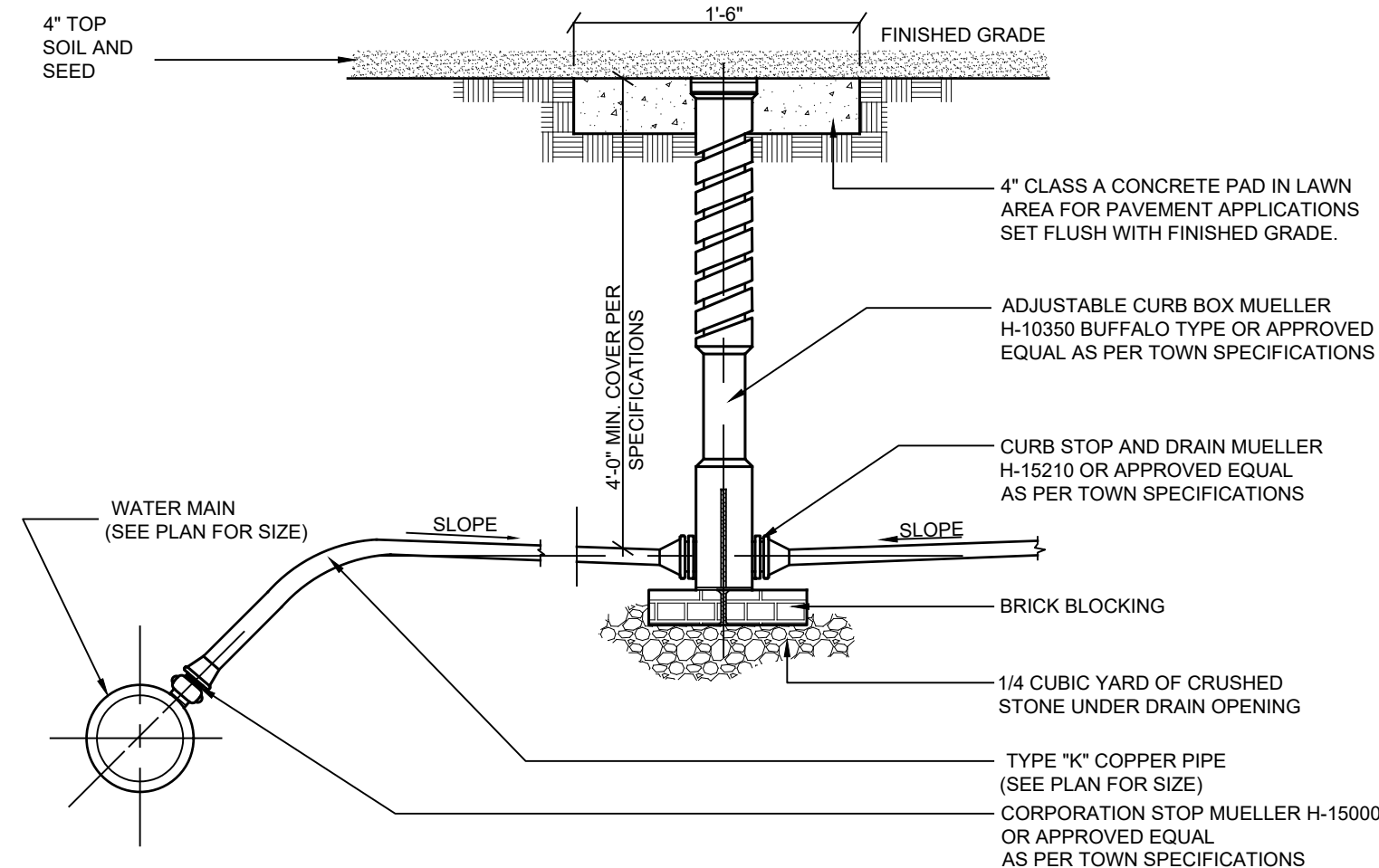
- NOTES:**
- If materials to be considered as unsuitable (i.e. Muck) material is to be replaced 24" below the pipe invert and replaced with item no. 4 bedding.
 - A continuous and uniform bedding shall be provided in the trench for all buried pipe. Backfill material shall be tamped in layers around the pipe and to a sufficient height above the pipe to adequately support and protect the pipe. Stones found in the trench shall be removed for a depth of at least six inches below the bottom of the pipe.

W-5 WATER MAIN BEDDING DETAIL
NOT TO SCALE

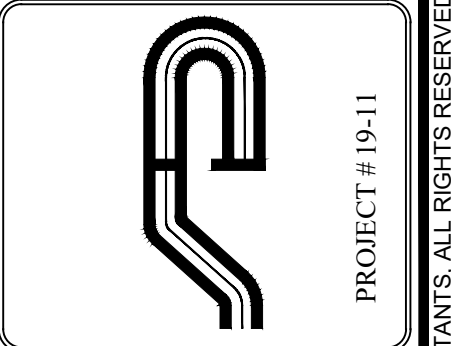


- NOTES:**
- Retainer glands, concrete thrust blocks and tie rods shall be used at all locations where restraints are required.
 - If groundwater is encountered within 7 feet of grade, hydrant drain holes shall be plugged. When the drains are plugged the barrels must be pumped dry after use during freezing weather. Where hydrant drains are not plugged, a gravel pocket or dry well shall be provided unless the natural soils will provide adequate drainage. Hydrant drains shall not be connected to or located within 10 feet of sanitary sewers or storm drains.
 - If hydrant is within 10 feet of sewers, hydrant drain holes shall be plugged.
 - Hydrant shall be painted with two coats of Electro-Farothane, plastic finish, No. 44 red paint.
 - All gate valves shall be Mueller AWWA standard.

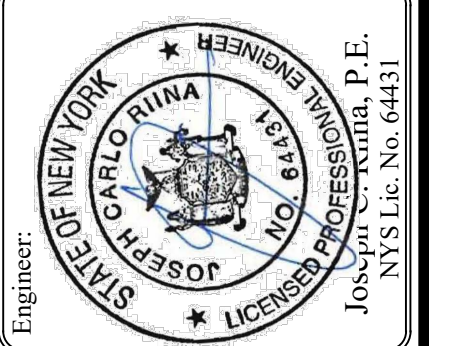
W-7 HYDRANT BEDDING DETAIL
NOT TO SCALE



W-6 WATER SERVICE CONNECTION DETAIL
NOT TO SCALE



Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com



Revisions:	No.	Date	Comments
	1.	11/29/22	Plan Update
	2.	12/12/22	Plan Update
	3.	1/10/23	Plan Update

SCALE: NTS
DRAWN BY: TK
DATE: 10/21/22

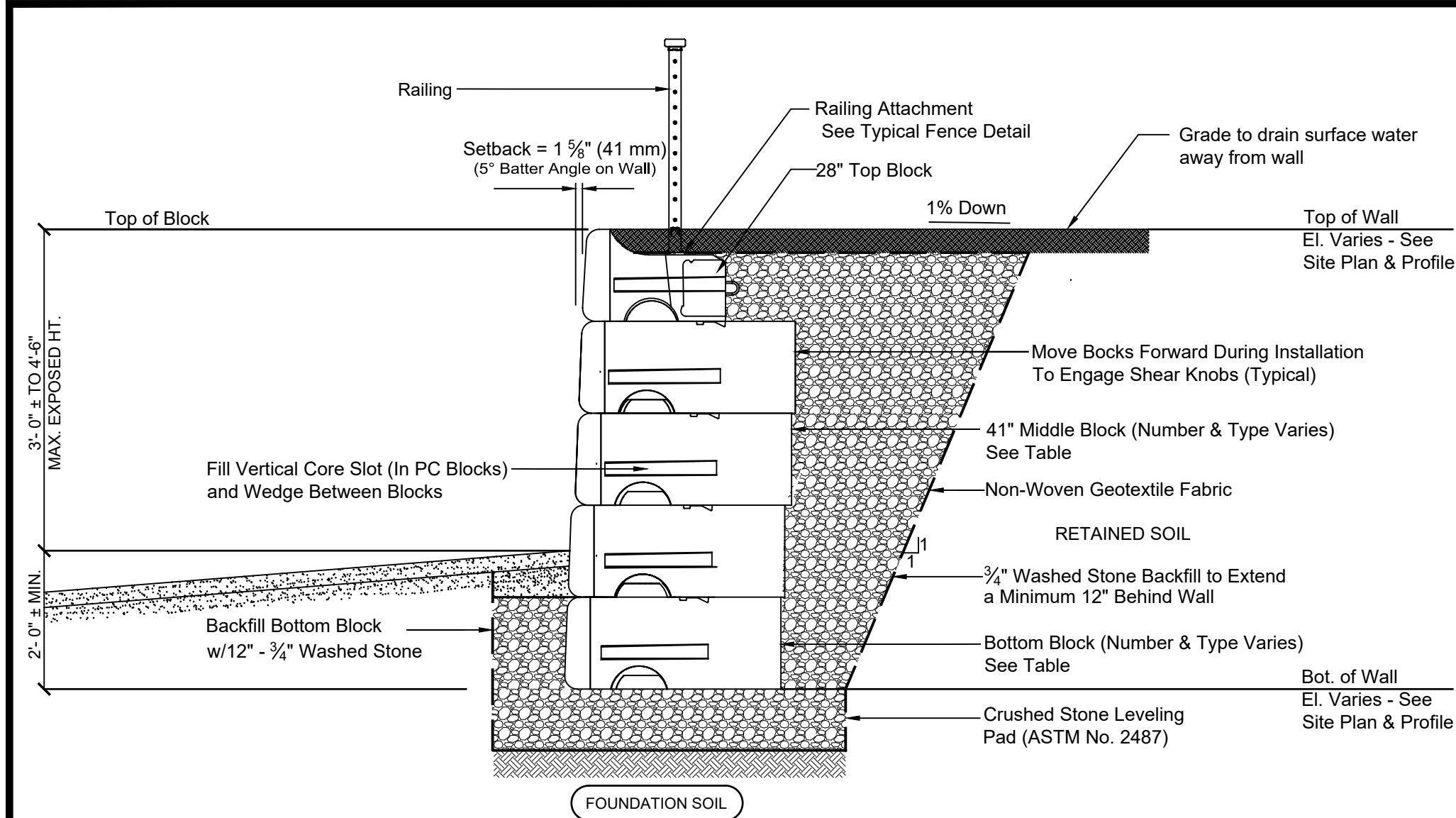
WATER DETAILS

SITE PLAN PREPARED FOR
LOWES CENTER - PAD C
CROMPOD ROAD
Town of Yorktown
Westchester County, New York

Sheet **C-505**

E:\2018\18-11 LOWES - BRESLIN REALTY PAD C ENGINEERING\CAD\CAD-21-24-BAD-C\DWG\18-11 LOWES PAD C DETAILS - NO STORE WATER.DWG 11/6/2022 2:49:52 PM

NOTE: UNAUTHORIZED REPRODUCTIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 2304(1)(b) OF THE NEW YORK STATE EDUCATION LAW.



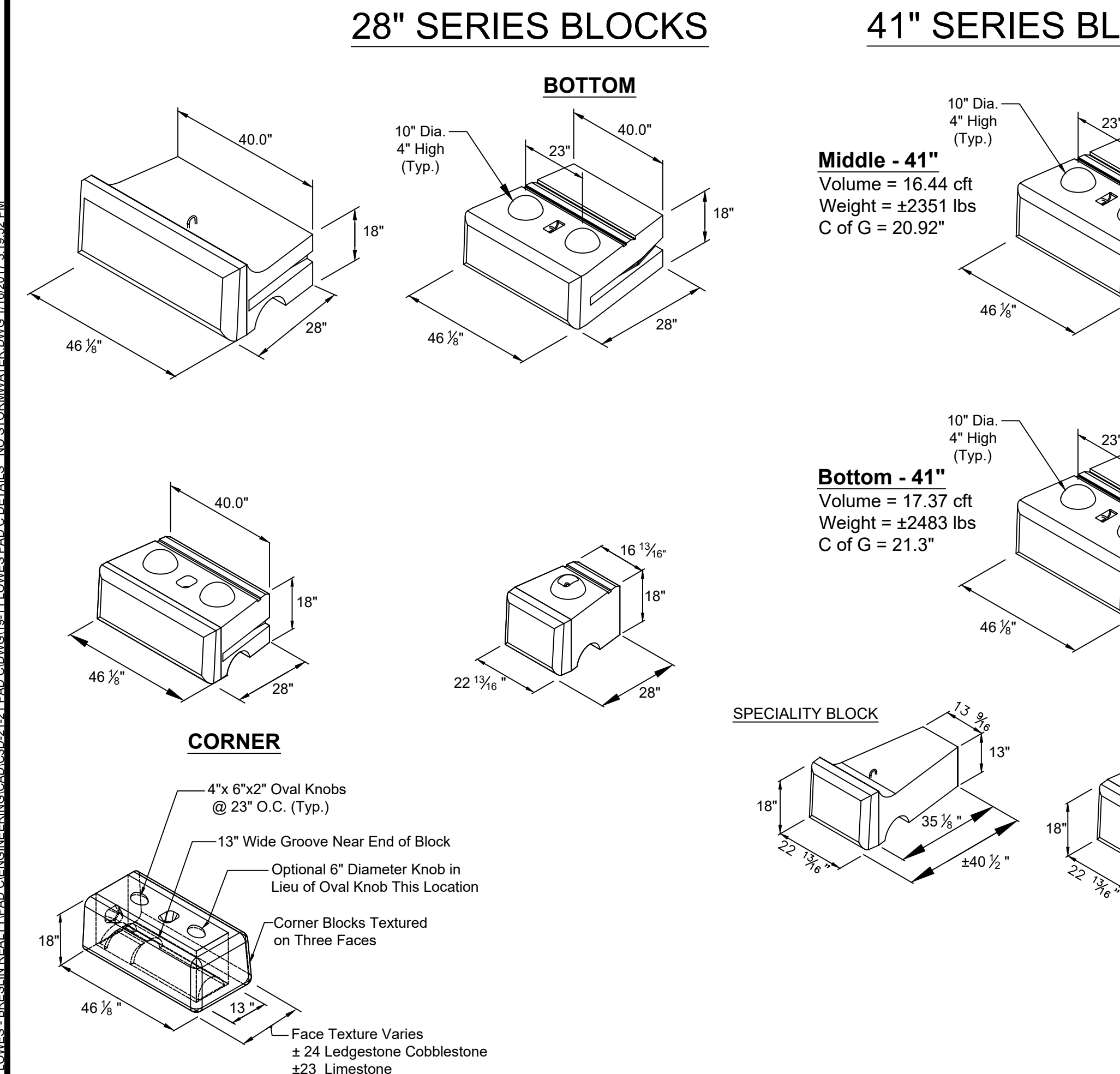
Note: The retaining wall as designed meets the minimum factors of safety for sliding, overturning, and settlement

TABLE I - TYPICAL WALL CHART

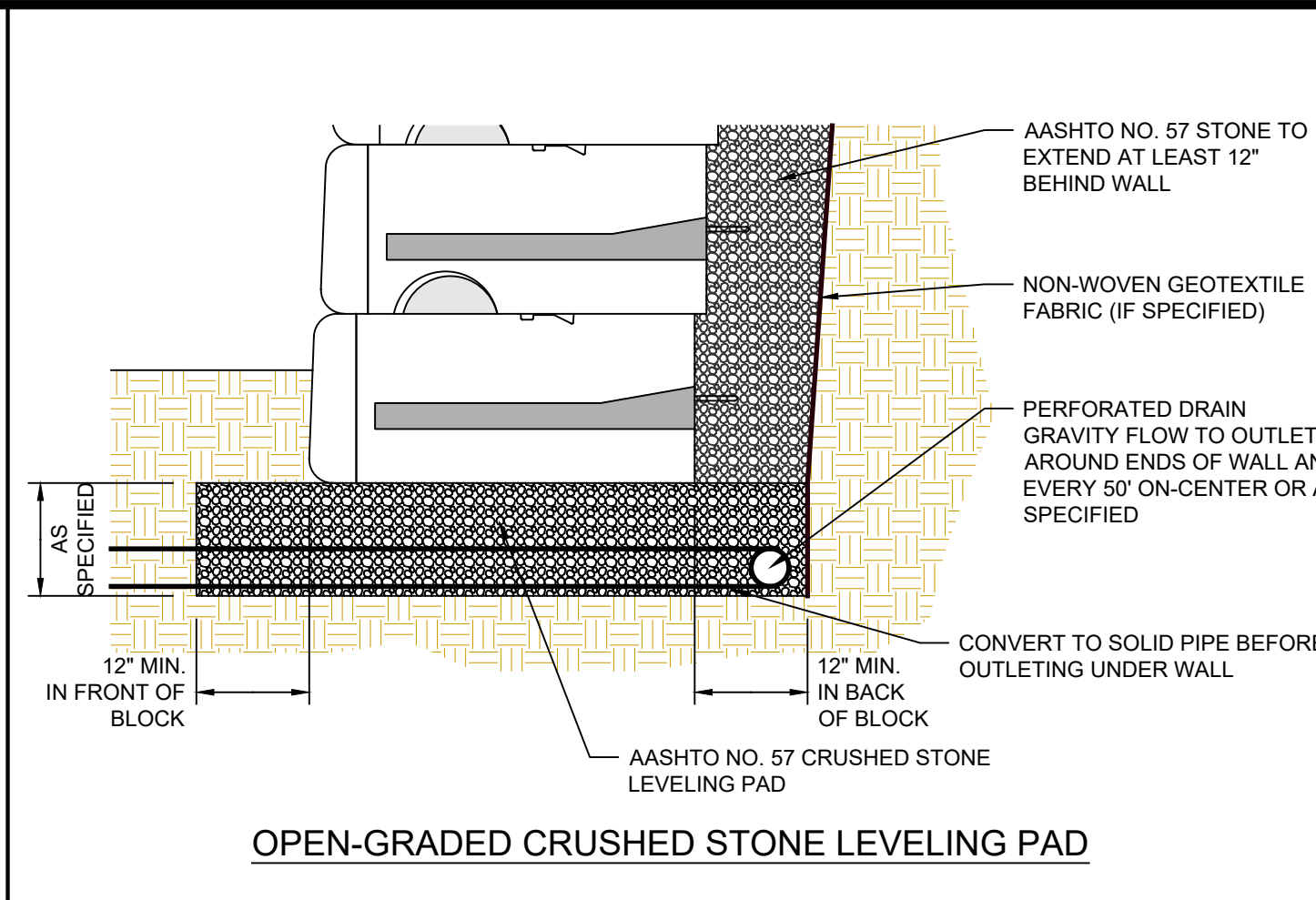
WALL HEIGHT	NO. COURSES	MINIMUM BURY DEPTH	LEVELING PAD DEPTH	WIDTH OF LEVELING PAD	NUMBER & TYPE OF BLOCK COURSES				
					60" BOTTOM BLOCKS	41" MIDDLE BLOCKS	28" MIDDLE BLOCKS	28" TOP BLOCKS	
2.0'	3	1.5'	1.0'	3'-9"	0	0	2	1	
3.0'	3	1.5'	1.0'	3'-9"	0	0	2	1	
4.0'	4	1.5'	1.0'	3'-9"	0	0	3	1	
5.0'	4	1.5'	1.0'	4'-10"	0	1	2	1	
6.0'	5	1.5'	1.0'	4'-10"	0	1	3	1	
7.0'	6	1.5'	1.33'	4'-10"	0	1	3	1	
8.0'	7	1.5'	1.33'	5'-4"	0	1	4	1	
9.0'	7	1.5'	1.33'	5'-4"	0	1	4	1	
10.0'	8	1.5'	1.33'	7'-0"	2	0	3	1	
12.0'	9	1.5'	1.33'	7'-0"	3	0	2	1	

- NOTES**
- Hold Top of Wall Elevations.
 - Step Walls as Required to Meet Grades Shown on the Site Plan.
 - All Walls Shall Have a Minimum Block Embedment Depth As Noted.
 - All Walls Shall Have a 28" Top Block

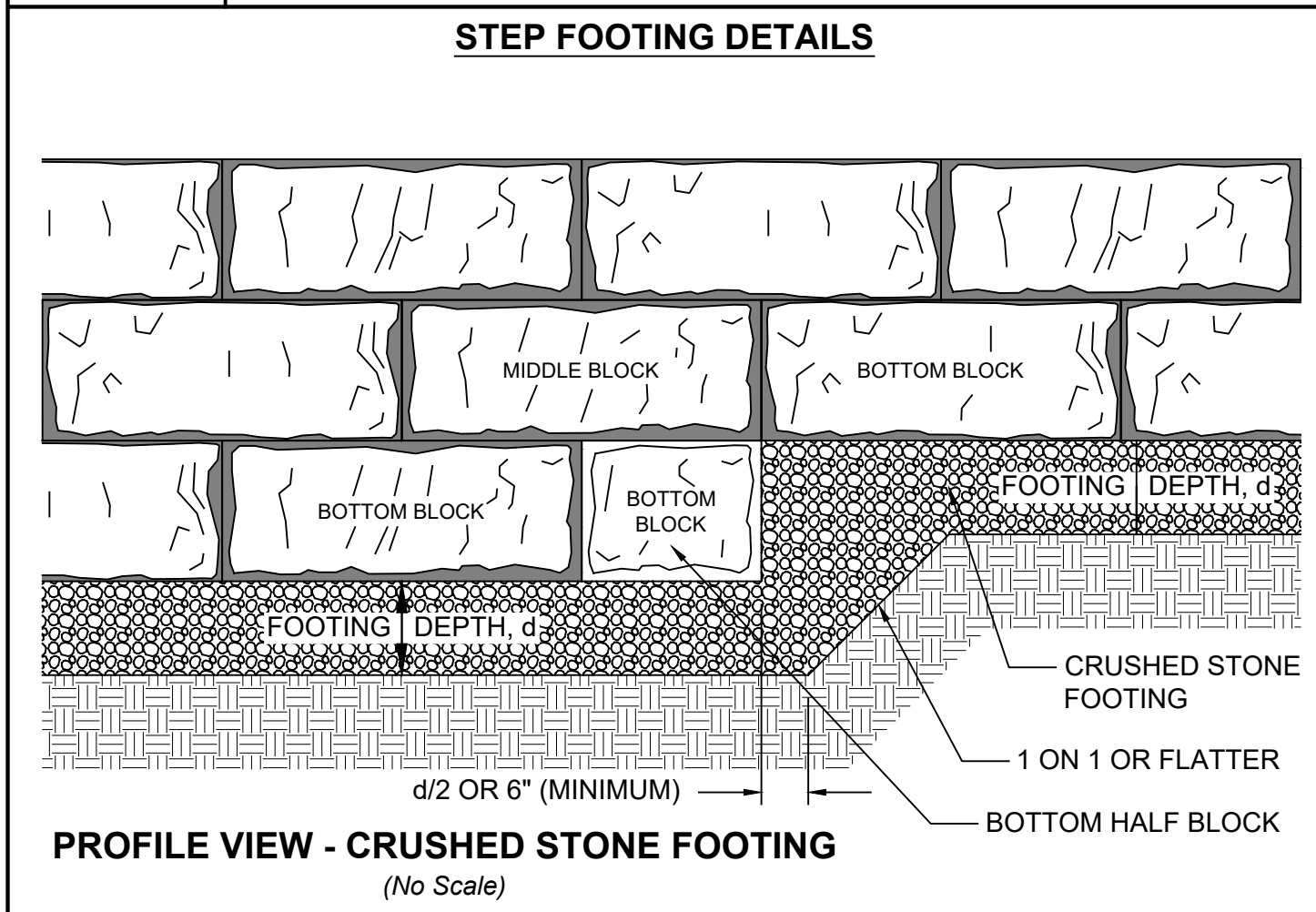
ST-1 TYPICAL GRAVITY WALL SECTION DETAIL
NOT TO SCALE



ST-2 STANDARD UNIT/BASE PAD ISOMETRIC VIEW DETAIL
NOT TO SCALE



ST-3 CRUSHED STONE LEVELING PAD DETAIL
NOT TO SCALE



ST-4 STEPPED CRUSHED STONE FOOTING DETAIL
NOT TO SCALE

- GENERAL NOTES:**
- The Engineer whose seal appears hereon has not been retained for supervision of construction, subsequently, he is not responsible for construction and therefore assumes no responsibility for construction practices, procedures, and results therefrom.
 - The Engineer shall not be held responsible or held accountable for the integrity of any structures constructed or under construction prior to the approval of the plans.
 - The Town Engineer's office is to be notified 24 hours before commencing site construction.
 - All work is to be completed in accordance with the Town's of New Castle's Code of Practice and Specifications.
 - All conditions, locations, and dimensions shall be field verified and the Engineer shall be immediately notified of any discrepancies.
 - All changes made to the plans shall be approved by the Engineer and any such changes shall be filed as amendments to the original Building Permit.
 - All written dimensions on the drawings shall take precedence over any scaled dimensions.
 - It is the Contractor's responsibility to call in a "CODE 53" at least 2 days but no more than 10 days prior to construction for underground utility locations.
 - Substructures and their encroachments below grade, if any, are not shown.
 - Contractor to verify all substructures encountered during construction.
 - Any proposed electric and/or telephone service lines are to be placed underground.
 - The Contractor shall supervise and direct the work using his best skill and attention. He shall be solely responsible for all construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the work under the contract.
 - The Contractor shall be responsible to the Owner for the acts and omissions of his employees, subcontractors, and their agents and employees, and any other persons performing any of the work under a contract with the Contractor.
 - The Design Engineer disclaims any liability for damage or loss incurred during or after construction.
 - The contractor shall be responsible for obtaining all necessary permits for any blasting if required.

- GENERAL SEGMENTAL RETAINING WALL NOTES:**
- The Contractor shall inspect the site prior to starting the project and verify all existing conditions. Any discrepancies from what is shown on the plans to actual field conditions shall be reported to the Engineer immediately and prior to commencing the work.
 - All work shall conform to all applicable Federal, State and Village of Mamaroneck codes, rules and regulations. The Contractor shall be responsible for acquiring all permits and paying all filing fees necessary for the proposed work.
 - The Contractor shall excavate to virgin grade. The Contractor shall not place footings on any fill material.
 - Walls shall not be constructed on wet or frozen ground.
 - Excavation in general shall conform to the lines and grades shown on the Contract Drawings.
 - Top and bottom wall elevations are provided to indicate top of wall elevation and finished grade elevation respectively at front face of wall. Additional wall height shall be required as necessary to provide for proper buried wall depth and footings.
 - To ensure a proper bearing surface, the wall shall be constructed on natural in-situ soil with a minimum allowable bearing capacity of 2 TSF. The Contractor shall strip all top soil. The area shall then be compacted using suitable compaction equipment. A minimum of 3 passes shall be made.
 - If the Contractor encounters any wet area of soil while excavating or during construction of wall, he shall notify the Engineer immediately. Replacement of unsuitable soils may be required as directed by the Engineer.
 - Fill material such as concrete rubble, asphalt, boulders, pipes, etc. shall not be used as backfill material behind the wall.
 - Soils used as backfill shall consist of clean dry soil. The material shall be granular and free of organic or other deleterious material. In general the soil shall be non-plastic with a plasticity index less than 5 and shall conform to the AASHTO Soil Classification System for an "A-1-a" soil. However the maximum size shall be 6". In general all fill shall be approved by the Engineer prior to its use. Wet material or unsuitable material should not be used.
 - Earth backfilling of walls shall be placed in one (1) foot lifts, prior to compaction and compacted to 95% standard proctor with a mechanical tamper.
 - The Contractor shall not use large or heavy construction equipment within 5 ft of the retaining walls or new foundation walls. Hand operated compacting equipment shall be used within 5 ft of the wall face.
 - The Contractor shall be responsible for adequately bracing and protecting the wall work during construction against damage, collapse, distortions and misalignments in accordance with all applicable codes, standards and good practices.
 - The Contractor shall be responsible for protecting all persons during construction from harm in accordance with all applicable codes, standards and good practices.
 - The Contractor shall be responsible for providing convenient access and proper facilities for the inspection of all parts of the work.
 - The Engineer shall have the right to order the removal of defected work and/or material and unapproved work and/or material. The cost of removal and replacement shall be borne by the Contractor.
 - The Contractor shall be responsible for all damage to existing properties as a result of his work or workmanship. The Contractor shall restore to existing condition any property damaged as a result of his work or workmanship at no additional cost to the owner.
 - Alternate wall designs must be sealed by a New York State Licensed Professional Engineer. The minimum Factors of Safety for sliding and overturning shall be 2.0.

- SUGGESTED CONSTRUCTION SEQUENCE**
- Use of erosion and sediment control structures and practices are important to maintaining site stability under runoff and during daily construction activities. Construction sequence should be staged with erosion and sediment controls as follows with all controls in place and implemented prior to respective infrastructure construction. As construction proceeds, the controls should be monitored, maintained and replaced as needed. Additional controls may be required as needed to address unforeseen situations and shall be as determined by the Engineer or as directed by the Town of New Castle. Refer to construction drawings for all plans and details which relate to construction sequence. This suggested sequence should be followed in conjunction with all Plans, Notes, and the approved Stormwater Management Plan.
- Prior to the commencement of work, the Owner and General Contractor shall read and understand the sequence for construction. The sequence shall be discussed at the time of the pre-construction meeting.
- CONSTRUCTION SEQUENCE:**
- A licensed surveyor must define infrastructure locations, limits of disturbance, and grades in the field prior to start of any construction.
 - Install all temporary erosion control measures as shown on the erosion and sediment control plan for the project including but not limited to silt fencing, inlet protection and temporary sediment traps. The plan presents the order in which the project will be constructed. These plans must be followed to insure proper implementation of the Erosion and Sediment Control Plan (E&SC) and Stormwater Pollution Prevention Plan (SWPPP).
 - Create an access point to the project at the location shown off of Hitting Post Lane. The anti-tracking measures then shall be installed. Cut and clear trees within the work area as necessary for the area to be disturbed. If all areas are to be cleared, stumps shall only be removed as required for the immediate phase of construction. Timbered trees, wood chips, and stumps shall be temporarily stored in the staging area before being removed off-site. Wood chips may be used for mulch to stabilize disturbed areas. Wood chip mulch shall be applied at a minimum rate of 500 lbs. per 1000 sf (2" thick).
 - Grub and remove stumps in the immediate work area and remove off-site or chip.
 - Begin preparation for construction of all retaining walls. Areas in which final grade is achieved shall be immediately stabilized with permanent vegetative cover. Slopes less than 3:1 can be stabilized with seeding, and straw mulch or wood chip mulch. Slopes of 3:1 or greater shall receive erosion blankets. Areas which are to remain undisturbed for more than 14 days shall be stabilized with temporary seeding or mulch.
 - Stake-out the location of utilities and utility structures. Begin the installation of drainage and septic. Begin excavation and install piping. Backfill as installation is complete and stabilize the area. If trenches are to be left open, place excavated material on the up-slope sides of the trench and protect and stabilize if it is to remain open for an extended period of 7 days or more.
 - During the final phase of installation, finish grade, topsoil, rake, and seed all areas as required.
 - Once approval is obtained by the Erosion and Sediment Control Monitor, Engineer or Town Engineer, all temporary erosion measures may be removed.

- TOWN NOTES:**
- Prior to the issuance of a building permit, the entire clearing/grading limits shall be field staked as per the approved site plan and inspected by Steve Coleman Environmental Coordinator at 914-238-1429.
 - Clearing and grading limit lines shall be clearly delineated in the field throughout the construction period and no encroachment beyond these limits by workers or machinery shall be permitted.
 - All work regarding the footing/foundation for all site related retaining walls shall remain accessible and exposed until inspected by the Building/Engineering Division. The Building/Engineering Division shall be notified at least 48 hours in advance in order to schedule a footing/foundation inspection. Contact the Civil Engineering Technician at 914-238-1429.
 - For each truck delivering fill to the above-mentioned site, a Manifest shall be submitted and signed by the owner and/or engineer indicating the following:
 - Deliver date
 - Origin of fill
 - Type of fill
 - Certification by a New York State Licensed Professional Engineer that the fill delivered is in compliance with paragraph 360-7.1(b)(1) of 6 NYCRR Part 360 - Solid Waste Management
- Note: If the fill material, as determined by the Town of New Castle, is considered to be a non-exempt material as per paragraph 360-7.1(b)(1) of 6 NYCRR Part 360 - Solid Waste Management than the property owner and/or engineer may be required to perform and/or submit additional information.
- The owner of the property acknowledges that the Town of New Castle and other agencies having jurisdiction shall have the right to enter the property at reasonable times and in a reasonable manner for purposes of inspection.
 - Upon Completion of Construction, submit an approved Westchester County Department of Health's Certificate of Construction Compliance form
 - At completion, the applicant's architect/engineer shall submit a "Certificate of Construction Compliance" and "As-Built Section" certifying that the retaining wall as constructed meets all factors of safety for sliding, overturning and settlement in accordance to the approved plans on file with the Building and Engineering Department.
 - Each contractor who will be involved in a land development activity must have proof that he/she has received training and/or certification in proper erosion and sedimentation control practices.
 - Upon completion of the project an As-Built Site Plan will be submitted showing all improvements including the location septic structures and associated piping, retaining wall, drainage piping & riprap beds.
 - Grading and site work shall comply with New Castle Town Code Chapter 108: Steep Slope Protection.

Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com

RETAINING WALL WALL DETAILS

LOWES CENTER - PAD C
CROMPOD ROAD
Town of Yorktown
Westchester County, New York

Project # 19-11

Engineer: [Seal]

Revisions:

No.	Date	Comments
1	11/29/22	Plan Update
2	12/12/22	Plan Update
3	1/10/23	Plan Update

SCALE: NTS
DRAWN BY: TK
DATE: 10/21/22

Sheet **C-507**

E:\2018\18-11 LOWES - BRESLIN REALTY\PAD C DETAILS\2-21.DWG, C:\DWG\18-11 LOWES PAD C DETAILS\1-10.DWG, NO. STORMWATER.DWG, 11/29/22, 3:10:52 PM

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2)(F) OF THE NEW YORK STATE EDUCATION LAW.