

SCALE: 1" = 1,000'±




SCALE: 1" = 100'±



SCALE: 1" = 100'±

SECTION 32.19, BLOCK 2, LOT 4.3  
JEREMY COURT  
VILLAGE OF WESLEY HILLS, TOWN OF RAMAPO  
ROCKLAND COUNTY, NEW YORK



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**PLAN REFERENCE MATERIALS:**

1. THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO:
  - BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY STONEFIELD ENGINEERING & DESIGN, DATED MARCH 28, 2022;
  - ARCHITECTURAL PLANS PREPARED BY KEVIN BRODIE, DATED DECEMBER 28, 2023;
  - LANDSCAPING PLANS PREPARED BY KAREN ARENT LANDSCAPE ARCHITECTURE, DATED DECEMBER 8, 2023;
  - AERIAL IMAGES RETRIEVED FROM GOOGLE EARTH PRO, MARCH 6, 2023;
  - USGS QUADRANGLE MAP, 7.5 MINUTE SERIES, THIELLS, NY; DATED 2023.
2. ALL REFERENCE MATERIAL LISTED ABOVE SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THESE DOCUMENTS SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF EACH REFERENCE AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

<b>SHEET INDEX</b>	
<b><i>DRAWING TITLE</i></b>	<b><i>SHEET #</i></b>
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GRADING & DRAINAGE PLAN	C-4
UTILITY PLAN	C-5
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CONSTRUCTION DETAILS	C-7 TO C-8

[illegible]

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**CONSTRUCTION PLANS  
PROPOSED SINGLE  
FAMILY RESIDENCE**

SECTION 32.19, BLOCK 2, LOT 4.3  
JEREMY COURT  
VILLAGE OF WESLEY HILLS, TOWN OF RAMAPO  
ROCKLAND COUNTY, NEW YORK

**ZACHARY E. CHAPLIN, P.E.**  
NEW YORK LICENSE No. 99748  
LICENSED PROFESSIONAL ENGINEER



SCALE:	AS SHOWN	PROJECT ID:	K-18100
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**TITLE:**

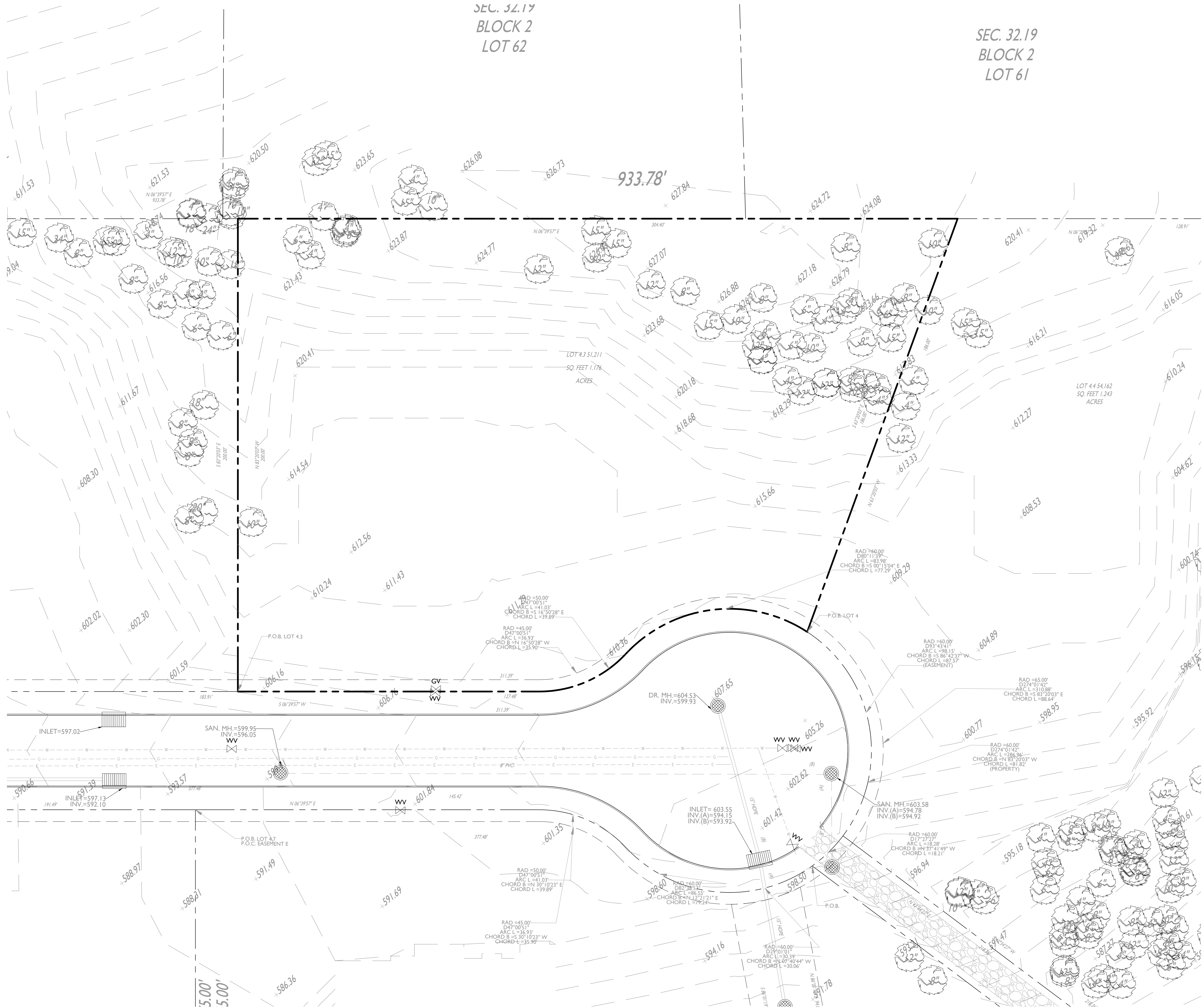
COVER SHEET

**DRAWING:**

**C-1**



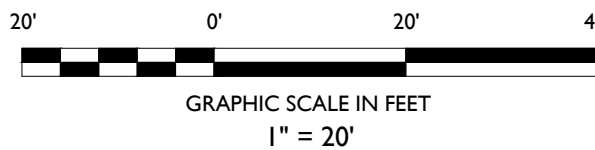
15 TERRACE ROAD, WESTLEY HILLS, NY 10974 - LOT 100/200 EXISTING



SYMBOL	DESCRIPTION
---	PROPERTY LINE
- - - -	EXISTING CONTOUR LINE
---	ASPHALT / CONCRETE CURB
D.C.	DEPRESSED CURB
CLF.	CHAIN LINK FENCE
- x - x - x -	BOARD-ON-BOARD FENCE
- x - x - x -	GUIDE RAIL
- x - x - x -	MAST ARM LIGHT POLE
- x - x - x -	POLE
- x - x - x -	LIGHT POLE
- x - x - x -	SIGNS
- x - x - x -	WATER VALVE
- x - x - x -	GAS VALVE
- x - x - x -	FIRE HYDRANT
- x - x - x -	DRAIN
- x - x - x -	INLET
- x - x - x -	MAN HOLE
- x - x - x -	BOX (ELEC. GAS, ETC.)
- x - x - x -	ASPHALT EDGE
- x - x - x -	CONCRETE EDGE
- x - x - x -	GRAVEL EDGE
- x - x - x -	BRICK EDGE
- x - x - x -	OVERHEAD WIRE
- x - x - x -	UNDERGROUND GAS LINE
- x - x - x -	UNDERGROUND WATER LINE
- x - x - x -	UNDERGROUND ELEC LINE
- x - x - x -	GRADE SPOT SHOT
- x - x - x -	TOP OF CURB SHOT
- x - x - x -	BOTTOM OF CURB SHOT
- x - x - x -	TOP OF WALL SHOT
- x - x - x -	BOTTOM OF WALL SHOT
- x - x - x -	LAND SCAPING

**SURVEY NOTES:**

1. THE SURVEY LISTED WITHIN THE PLAN REFERENCES ON THE COVER SHEET SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THE SURVEY AND ASSOCIATED DOCUMENTS SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF THE SURVEY AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

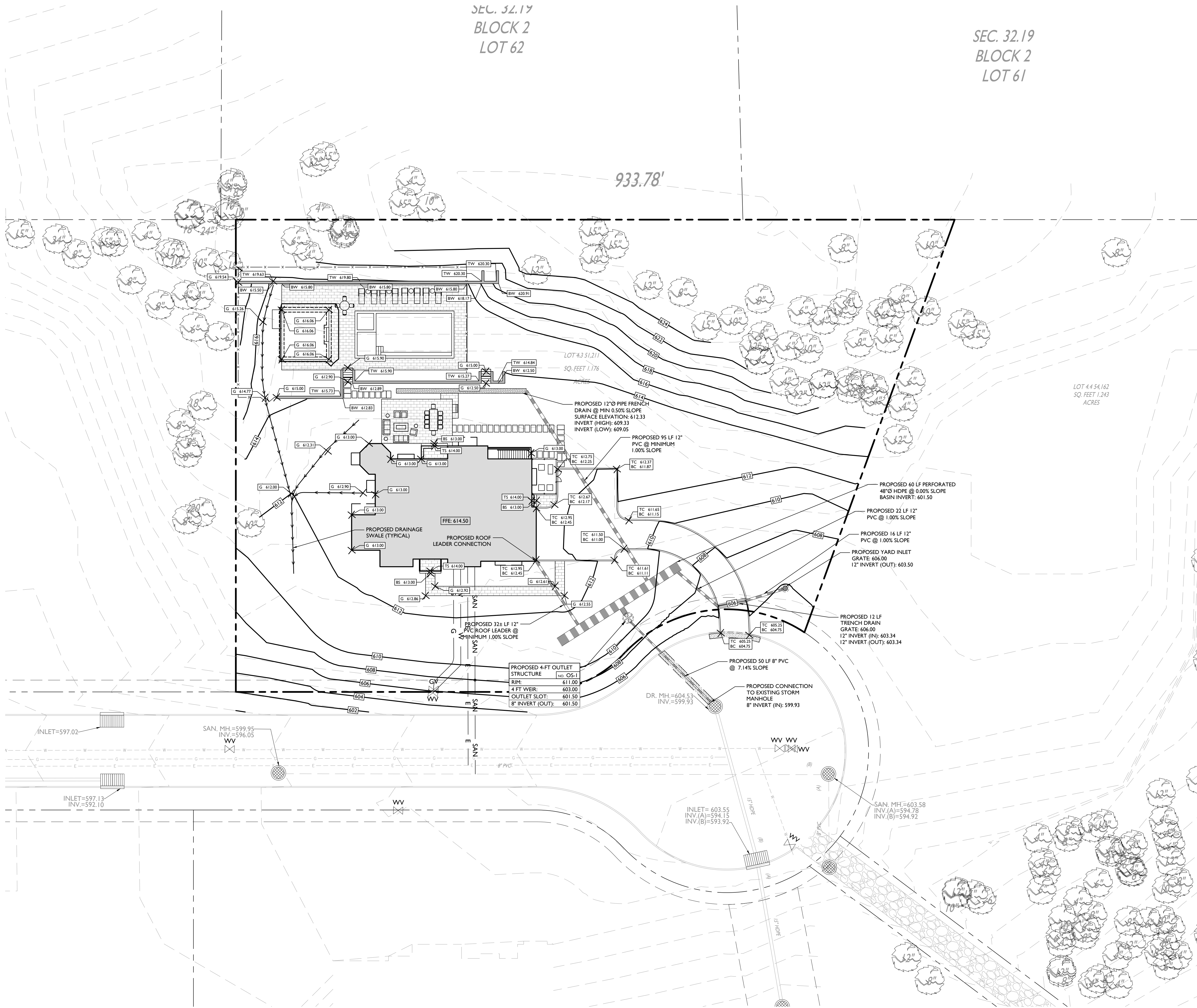


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CONSTRUCTION PLANS			
PROPOSED SINGLE FAMILY RESIDENCE			
SECTION 32.19, BLOCK 2, LOT 4.3 JEREMY COURT VILLAGE OF WESLEY HILLS, TOWN OF RAMAPO ROCKLAND COUNTY, NEW YORK			
ZACHARY E. CHAPLIN, P.E. NEW YORK LICENSE No. 99748 LICENSED PROFESSIONAL ENGINEER			
<b>STONEFIELD</b> engineering & design			
SCALE:	1" = 20'	PROJECT ID:	K-18100
TITLE: EXISTING CONDITIONS PLAN			
DRAWING: C-2			





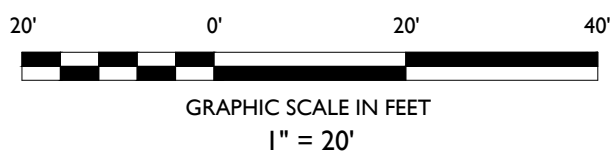
PLAN, ELEVATION AND ACQUISITION - 15 TERRACE ROAD, WESLEY HILLS, NY CAD - LOT 100714 GRADING



SYMBOL	DESCRIPTION
	PROPERTY LINE
	PROPOSED GRADING CONTOUR
	PROPOSED GRADING RIDGELINE
	PROPOSED DIRECTION OF DRAINAGE FLOW
	PROPOSED GRADE SPOT SHOT
	PROPOSED TOP OF CURB / BOTTOM OF CURB SPOT SHOT
	PROPOSED FLUSH CURB SPOT SHOT
	PROPOSED DEPRESSED CURB / BOTTOM OF CURB SPOT SHOT
	PROPOSED TOP OF WALL / BOTTOM OF WALL SPOT SHOT

- GRADING NOTES**
- ALL SOIL AND MATERIAL REMOVED FROM THE SITE SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. ANY GROUNDWATER DEWATERING PRACTICES SHALL BE PERFORMED UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL NECESSARY PERMITS FOR THE DISCHARGE OF DEWATERED GROUNDWATER. ALL SOIL IMPORTED TO THE SITE SHALL BE CERTIFIED CLEAN FILL. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL FILL MATERIALS BROUGHT TO THE SITE.
  - THE CONTRACTOR IS REQUIRED TO PROVIDE TEMPORARY AND/OR PERMANENT SHORING WHERE REQUIRED DURING EXCAVATION ACTIVITIES INCLUDING BUT NOT LIMITED TO UTILITY TRENCHES, TO ENSURE THE STRUCTURAL INTEGRITY OF NEARBY STRUCTURES AND STABILITY OF THE SURROUNDING SOILS.
  - PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 4 INCHES TO 7 INCHES ABOVE EXISTING GRADES UNLESS OTHERWISE NOTED. THE CONTRACTOR WILL SUPPLY ALL STAKEOUT CURB GRADE SHEETS TO STONEFIELD ENGINEERING & DESIGN, LLC. FOR REVIEW AND APPROVAL PRIOR TO POURING CURBS.
  - THE CONTRACTOR IS RESPONSIBLE TO SET ALL PROPOSED UTILITY COVERS AND RESET ALL EXISTING UTILITY COVERS WITHIN THE PROJECT LIMITS TO PROPOSED GRADE IN ACCORDANCE WITH ANY APPLICABLE MUNICIPAL, COUNTY, STATE AND/OR UTILITY AUTHORITY REGULATIONS.
  - MINIMUM SLOPE REQUIREMENTS TO PREVENT PONDING SHALL BE AS FOLLOWS:
    - CURB GUTTER: 0.50%
    - CONCRETE SURFACES: 1.00%
    - ASPHALT SURFACES: 1.00%
  - A MINIMUM SLOPE OF 1.00% SHALL BE PROVIDED AWAY FROM ALL BUILDINGS. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE FROM THE BUILDING IS ACHIEVED AND SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IF THIS CONDITION CANNOT BE MET. FOR PROJECTS WHERE BASEMENTS ARE PROPOSED, THE DEVELOPER IS RESPONSIBLE TO DETERMINE THE DEPTH TO GROUNDWATER AT THE LOCATION OF THE PROPOSED STRUCTURE. IF GROUNDWATER IS ENCOUNTERED WITHIN THE BASEMENT AREA, SPECIAL CONSTRUCTION METHODS SHALL BE UTILIZED AND REVIEWED/APPROVED BY THE CONSTRUCTION CODE OFFICIAL. IF PUMP PUMPS ARE UTILIZED, ALL DISCHARGES SHALL BE CONNECTED DIRECTLY TO THE PUBLIC STORM SEWER SYSTEM WITH APPROVAL FROM THE GOVERNING STORM SEWER SYSTEM AUTHORITY.

**STORMWATER MANAGEMENT FACILITIES HAVE BEEN PROPOSED TO MATCH OR REDUCE LOT 3 PEAK FLOW RATES FOR THE 1, 10, AND 100-YEAR STORMS AS MODELED FOR THE OVERALL RESIDENTIAL SUBDIVISION.**



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CONSTRUCTION PLANS <b>PROPOSED SINGLE FAMILY RESIDENCE</b>					
SECTION 32.19, BLOCK 2, LOT 4.3 JEREMY COURT VILLAGE OF WESLEY HILLS, TOWN OF RAMAPO ROCKLAND COUNTY, NEW YORK					
ZACHARY E. CHAPLIN, P.E. NEW YORK LICENSE No. 99748 LICENSED PROFESSIONAL ENGINEER					
<b>STONEFIELD</b> engineering & design					
SCALE: 1" = 20'		PROJECT ID: K-18100			
TITLE: <b>GRADING PLAN</b>					
DRAWING: <b>C-4</b>					





SOIL CHARACTERISTICS CHART	
TYPES OF SOIL	Web - WETHERSFIELD GRAVELLY SILT LOAM
PERCENT OF SITE COVERAGE	100%
HYDROLOGIC SOIL GROUP	C
DEPTH TO RESTRICTIVE LAYER	20 TO 38 INCHES
SOIL PERMEABILITY	MODERATELY LOW TO MODERATELY HIGH (0.06 TO 0.20 IN/HR)
DEPTH TO WATER TABLE	ABOUT 18 TO 30 INCHES

SOURCE: INFORMATION OBTAINED FROM NYS ROCKLAND COUNTY SOIL SURVEY

SEC. 32.19  
BLOCK 2  
LOT 62

STABILIZATION NOTES:

1. CONTRACTOR SHALL MEET ALL GUIDELINES AND REQUIREMENTS FOR TEMPORARY STABILIZATION OF ALL DISTURBED AREAS.
2. DISTURBED AREAS SHALL BE TEMPORALLY STABILIZED WITHIN 14 DAYS OF DISTURBANCE UNLESS CONSTRUCTION SHALL RESUME IN THAT AREA WITHIN 21 DAYS.
3. CONTRACTOR SHALL MEET ALL GUIDELINES AND REQUIREMENTS FOR PERMANENT STABILIZATION OF ALL DISTURBED AREAS.

SYMBOL

DESCRIPTION

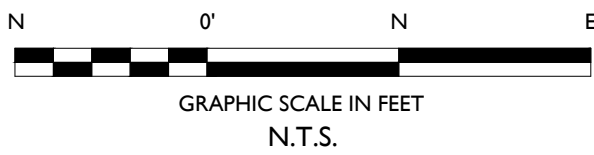
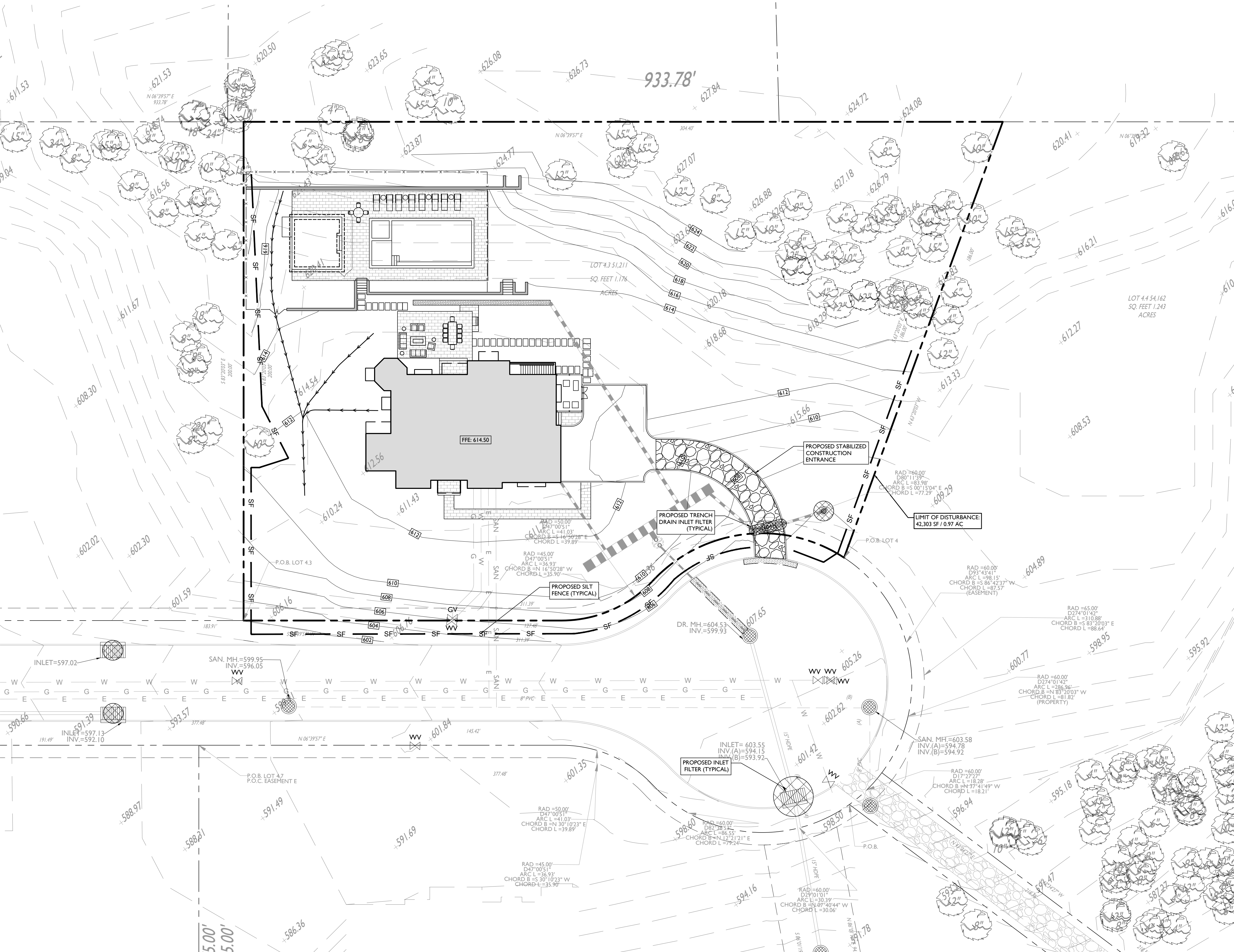
- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- LOD PROPOSED LIMIT OF DISTURBANCE
- SF PROPOSED SILT FENCE
- TPF PROPOSED TREE PROTECTION FENCE
- PROPOSED STOCKPILE & EQUIPMENT STORAGE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED INLET PROTECTION FILTER

EROSION AND SEDIMENT CONTROL NOTES

1. ALL SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
2. THE EROSION AND SEDIMENT CONTROL PLAN PRACTICES ARE DESCRIBED IN THE ACCOMPANYING STORMWATER POLLUTION PREVENTION PLAN (SWPPP). REFER TO THE SWPPP FOR DESCRIPTION OF MEASURES AND INSPECTION/MAINTENANCE REQUIREMENTS. CONTRACTOR TO FOLLOW NYSDEC GUIDELINES AND REQUIREMENTS FOR CONSTRUCTION EFFORTS.
  - 2.1. AFTER INITIAL SITE CLEARING, CONTRACTOR SHALL STABILIZE DISTURBED AREAS OF THE PROJECT SITE TO THE SATISFACTION OF NYSDEC REQUIREMENTS. STABILIZATION TO BE CURRENT WITH NYSDEC GUIDELINES AND REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL.
  - 2.2. AREAS OF THE SITE THAT ARE NOT PART OF ACTIVE CONSTRUCTION EFFORT ARE TO BE IMMEDIATELY STABILIZED AFTER INITIAL SITE CLEARING AS NOTED ABOVE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH SWPPP AND EROSION AND SEDIMENT CONTROL PRACTICES. THE SEDIMENT AND EROSION CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY LAND DISTURBANCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
4. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STRUCTURES AND DEVICES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. ALL EROSION AND SEDIMENT CONTROL STRUCTURES AND DEVICES SHALL BE INSPECTED A MINIMUM OF A WEEKLY BASIS AND AFTER EACH RAINFALL EVENT OF 0.5 INCHES OR GREATER WITHIN A 24 HOUR PERIOD. AS PER THE SWPPP. FIELD BOOKS ARE TO BE MAINTAINED TO DOCUMENT COMPLIANCE WITH ALL APPLICABLE MEASURES. ALL SUPERINTENDENTS AND PROJECT TEAM MEMBERS SHALL BE PROPERLY TRAINED FOR MAINTENANCE, INSPECTION AND ENFORCEMENT OF ALL APPLICABLE PROCEDURES.
5. THE CONTRACTOR SHALL KEEP ALL ROADWAYS ADJACENT TO THE IMPROVEMENT AREA CLEAR OF SOIL AND DEBRIS.
6. TEMPORARY SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AFTER THE AREA OF DISTURBANCE HAS BEEN PERMANENTLY STABILIZED.
7. BEST CONSTRUCTION PRACTICES SHALL BE IMPLEMENTED TO REDUCE/ELIMINATE DUST AND DEBRIS WITHIN AND ADJACENT TO THE WORK AREAS, INCLUDING WETTING SOIL SURFACES, COVERING TRUCKS AND STORED MATERIALS WITH TARPS AND PROPERLY MAINTAINING EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING ALL APPLICABLE LOCAL, STATE AND FEDERAL AIR QUALITY STANDARD LAWS FOR DUST CONTROL.
8. INTERIM EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AS NECESSARY BETWEEN CONSTRUCTION PHASES, AS WARRANTED BY CONSTRUCTION AND IN ORDER TO MINIMIZE EROSION AND TRANSPORT OF SOIL AND DEBRIS FROM THE SITE.
9. CONTRACTOR TO PREVENT SEDIMENT FROM ENTERING STORM SEWERS DURING CONSTRUCTION.
10. EXISTING ON-SITE INLETS TO BE PROVIDED WITH APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES UNTIL ON-SITE STORM SEWERS HAVE BEEN REMOVED FROM THE PROJECT SITE.
11. AREAS THAT HAVE BEEN DISTURBED ARE TO BE RE-STABILIZED AS SOON AS POSSIBLE AFTER CONSTRUCTION IS COMPLETED IN THAT AREA. TEMPORARY STABILIZATION SHALL INCLUDE, BUT NOT BE LIMITED TO, SUCH MEASURES AS HYDROSEEDING, MULCHING, JUTE MESH OR TEMPORARY PAVING AND AS ALLOWED BY THE CURRENT NYSDEC STANDARDS.
12. MISTING AND OTHER CONTROLS SHALL BE UTILIZED TO MITIGATE DUST EMISSIONS FROM THE WORK ZONE. THIS INCLUDES DURING THE DEMOLITION OF CONCRETE STRUCTURES. ALL MATERIALS HAILED FROM THE SITE SHALL BE PLACED IN LEAK PROOF CONTAINERS AND PROPERLY COVERED WITH TARPS, SCREENS AND/OR OTHER MECHANISMS.
13. A SILT FENCE SHALL BE INSTALLED ALONG THE PERIMETER OF THE SITE AND/OR AS SHOWN ON THE ACCOMPANYING PLAN. SILT FENCE SHALL BE LOCATED AT THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
14. STABILIZED CONSTRUCTION ENTRANCE SHALL BE UTILIZED BY ALL VEHICLES ACCESSING THE CONSTRUCTION SITE.

GENERAL NOTES:

1. THE CONTRACTOR SHALL PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES FIELD VERIFY THE SITE CONDITIONS AND SCOPE OF WORK DEPICED ON THE PLAN SET. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS.
2. THE CONTRACTOR SHALL CALL NEW YORK 811 AT "811" OR "1-800-272-4480" AT LEAST 48 HOURS PRIOR TO BEGINNING ANY WORK.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE PERMITS AND SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL AGENCIES.
4. THE CONTRACTOR SHALL, WITHOUT EXTRA COST TO THE PROJECT, REPAIR AND MAINTAIN EXISTING SEDIMENT CONTROL DEVICES UNTIL ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION ARE STABILIZED. ALL SEDIMENT CONTROL MEASURES REFERRED TO ON THESE PLANS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".



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CONSTRUCTION PLANS  
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FAMILY RESIDENCE**

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ZACHARY E. CHAPLIN, P.E.  
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SCALE: 1" = 30' PROJECT ID: K-18100

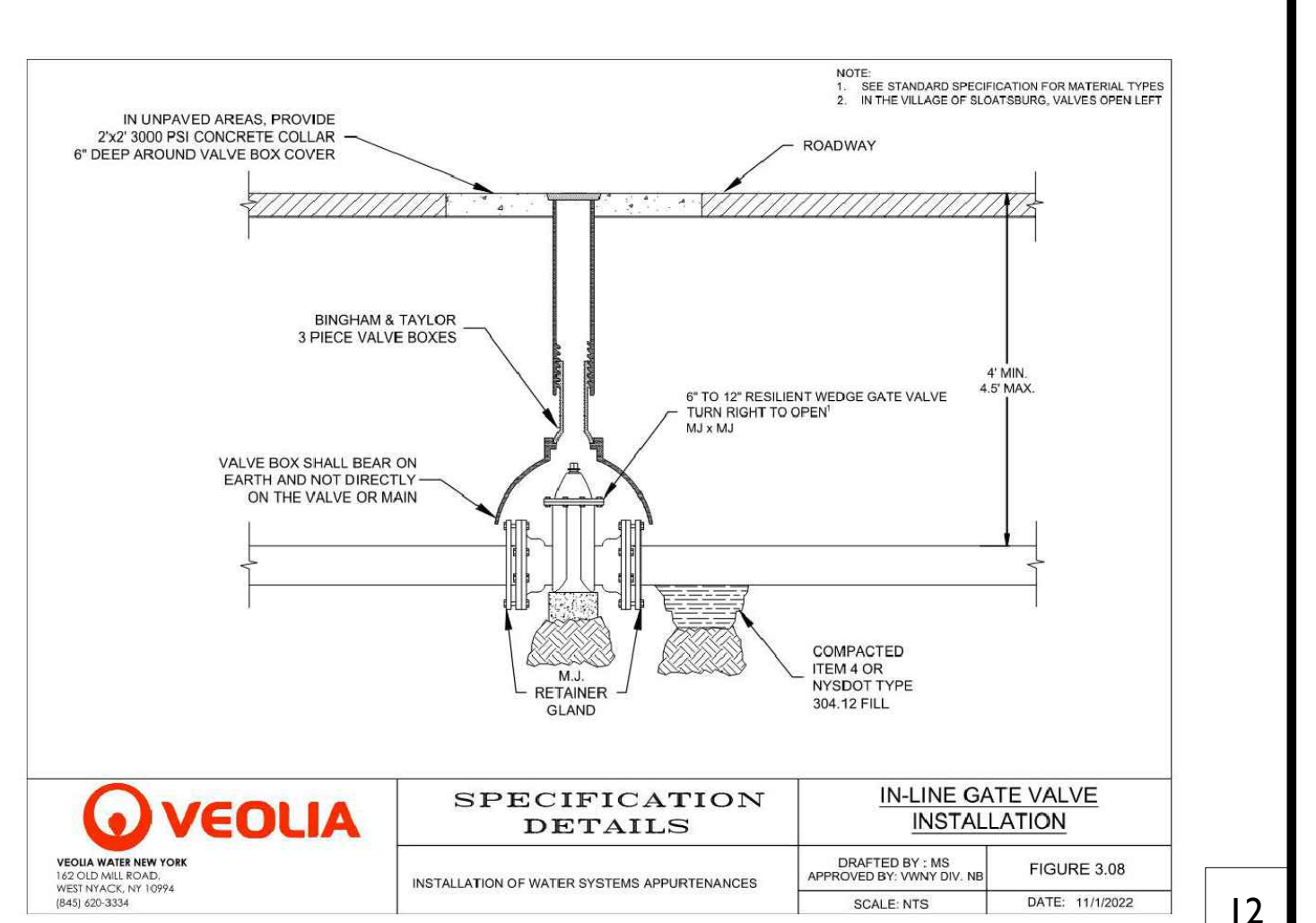
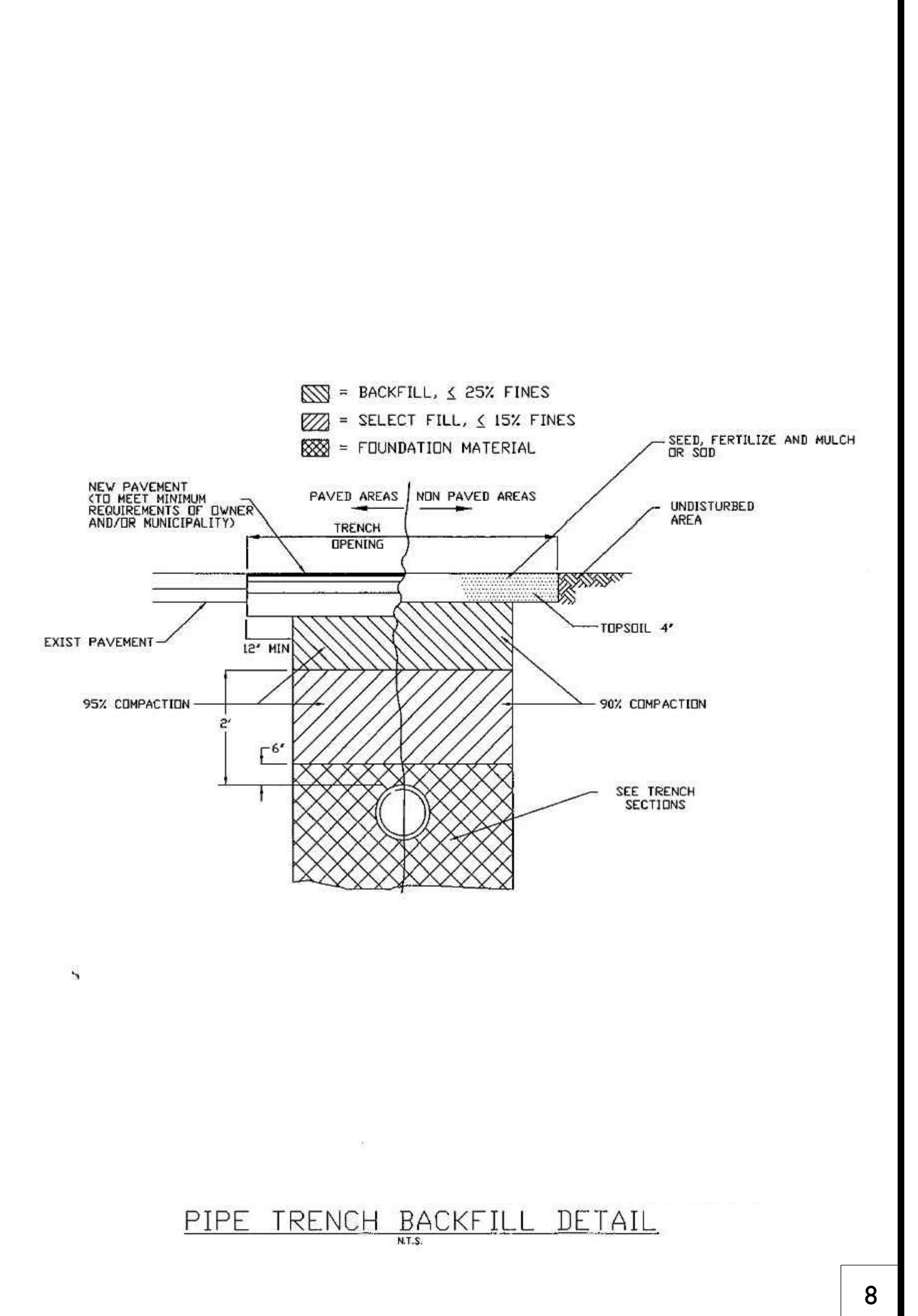
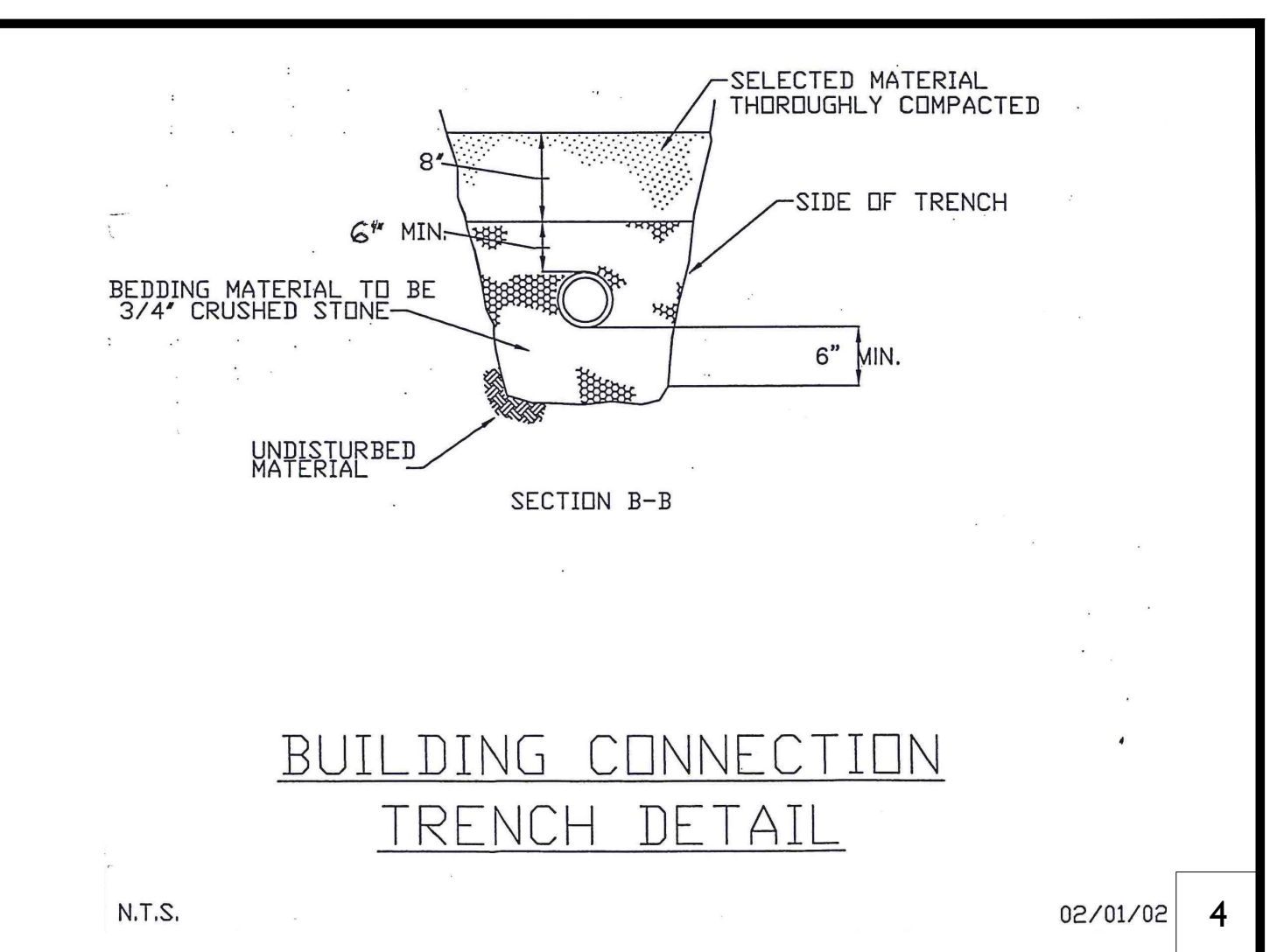
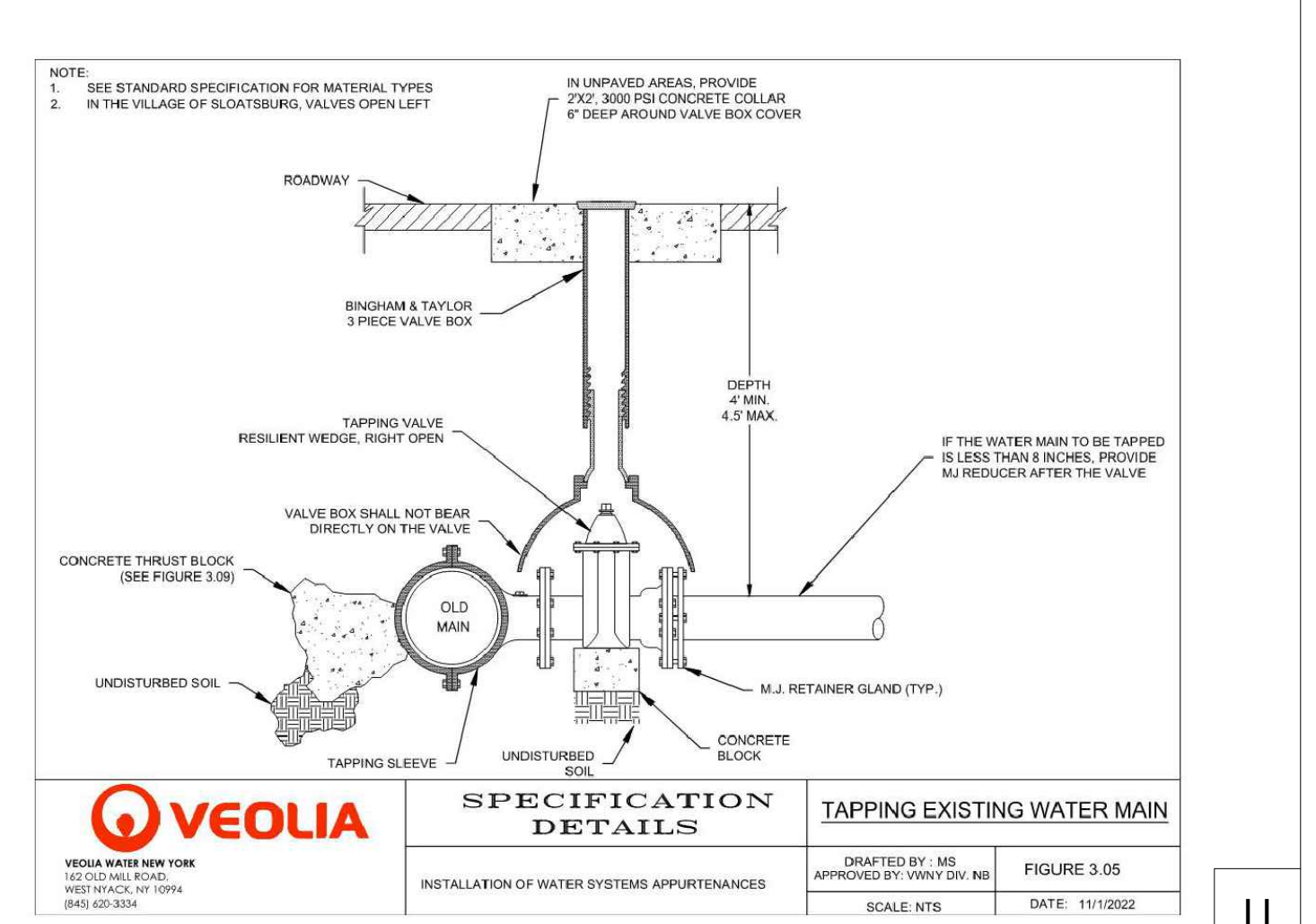
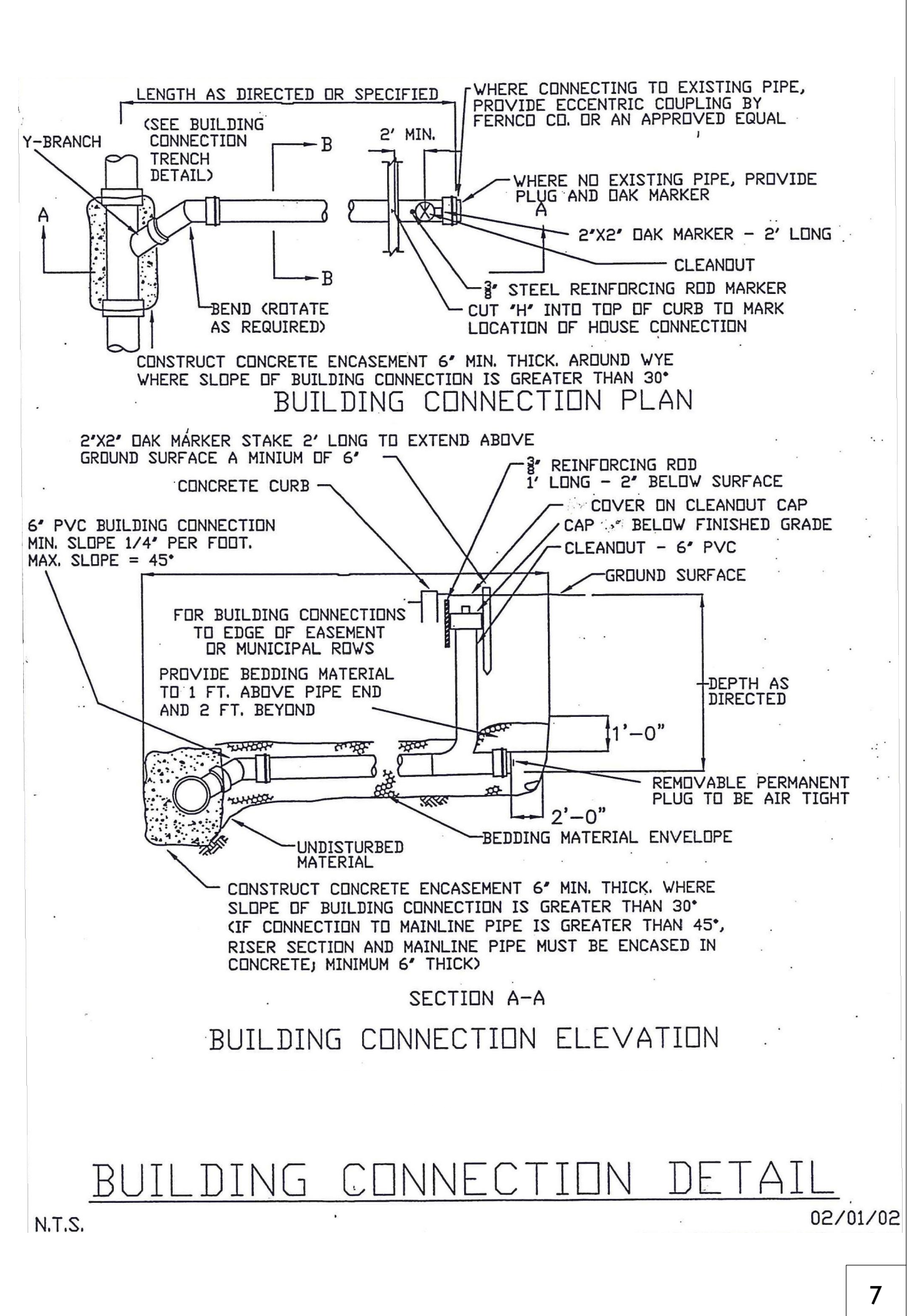
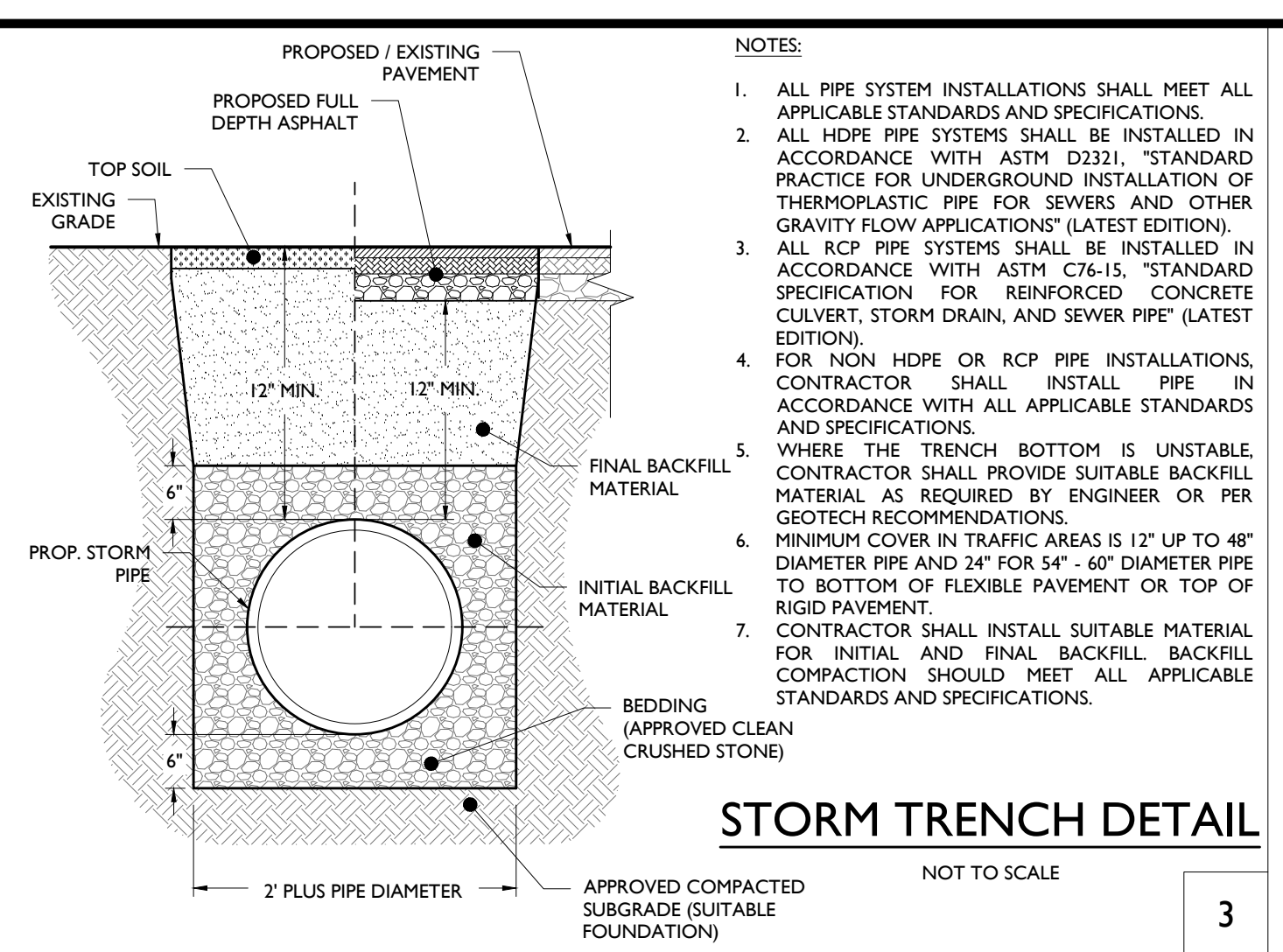
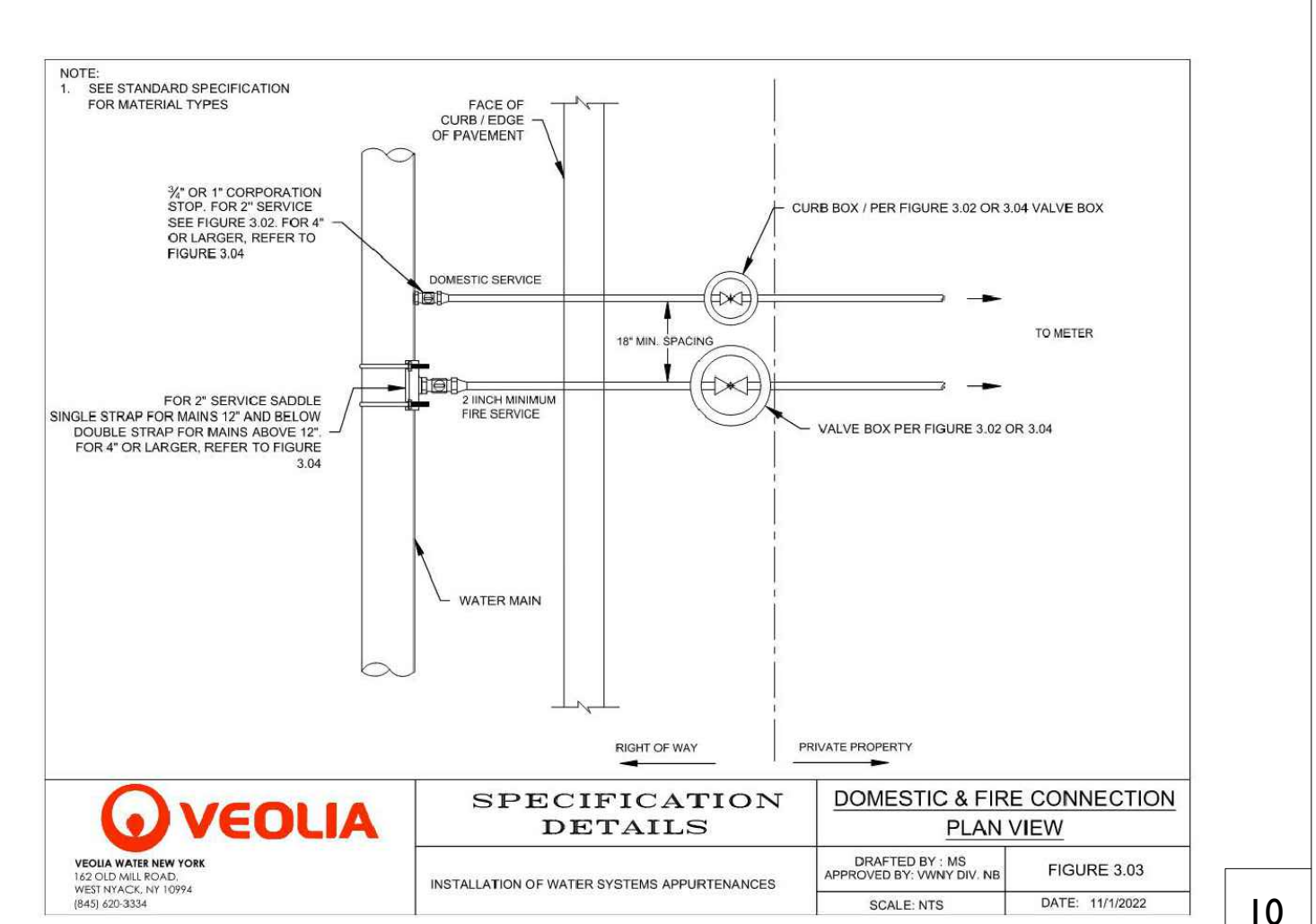
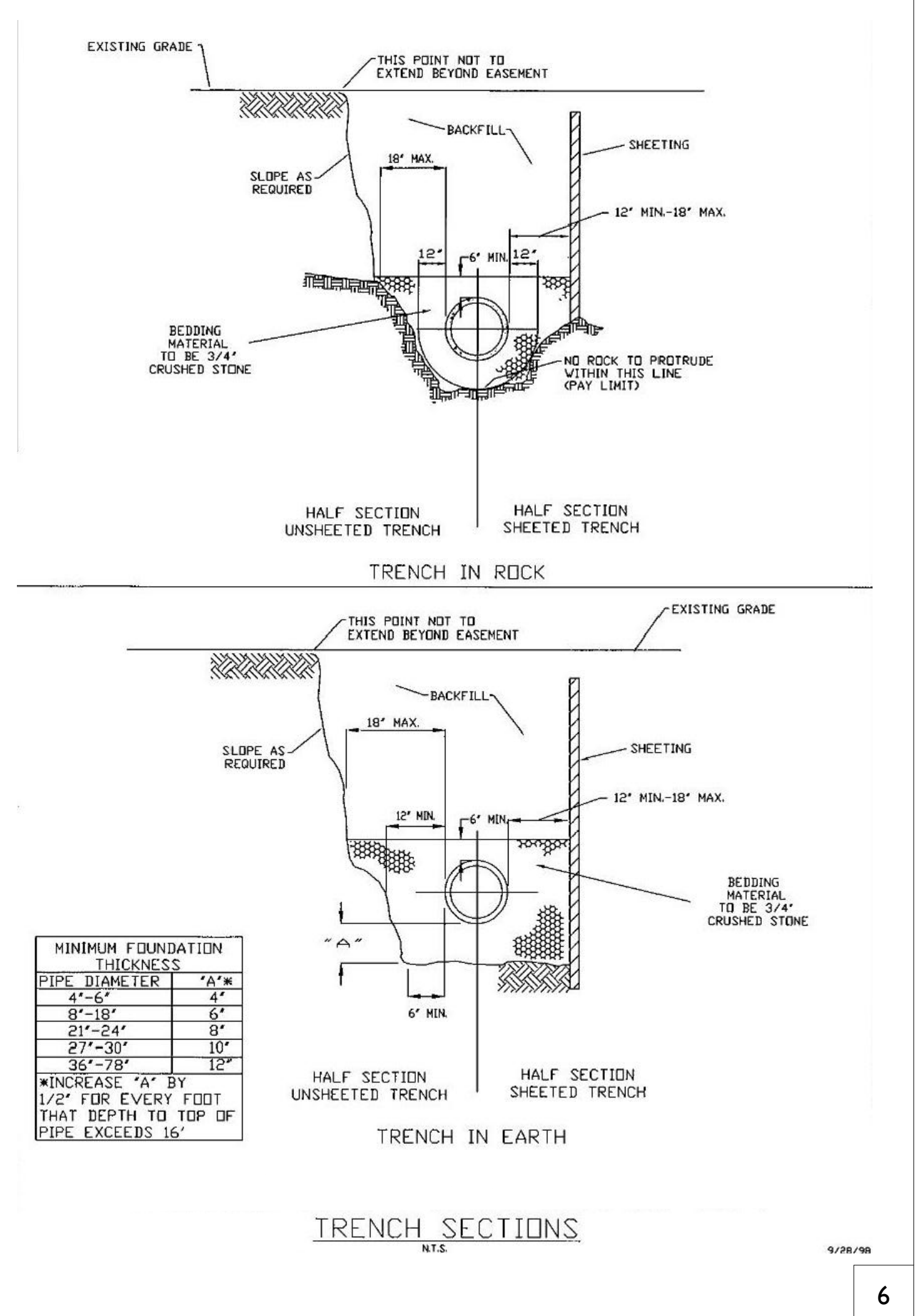
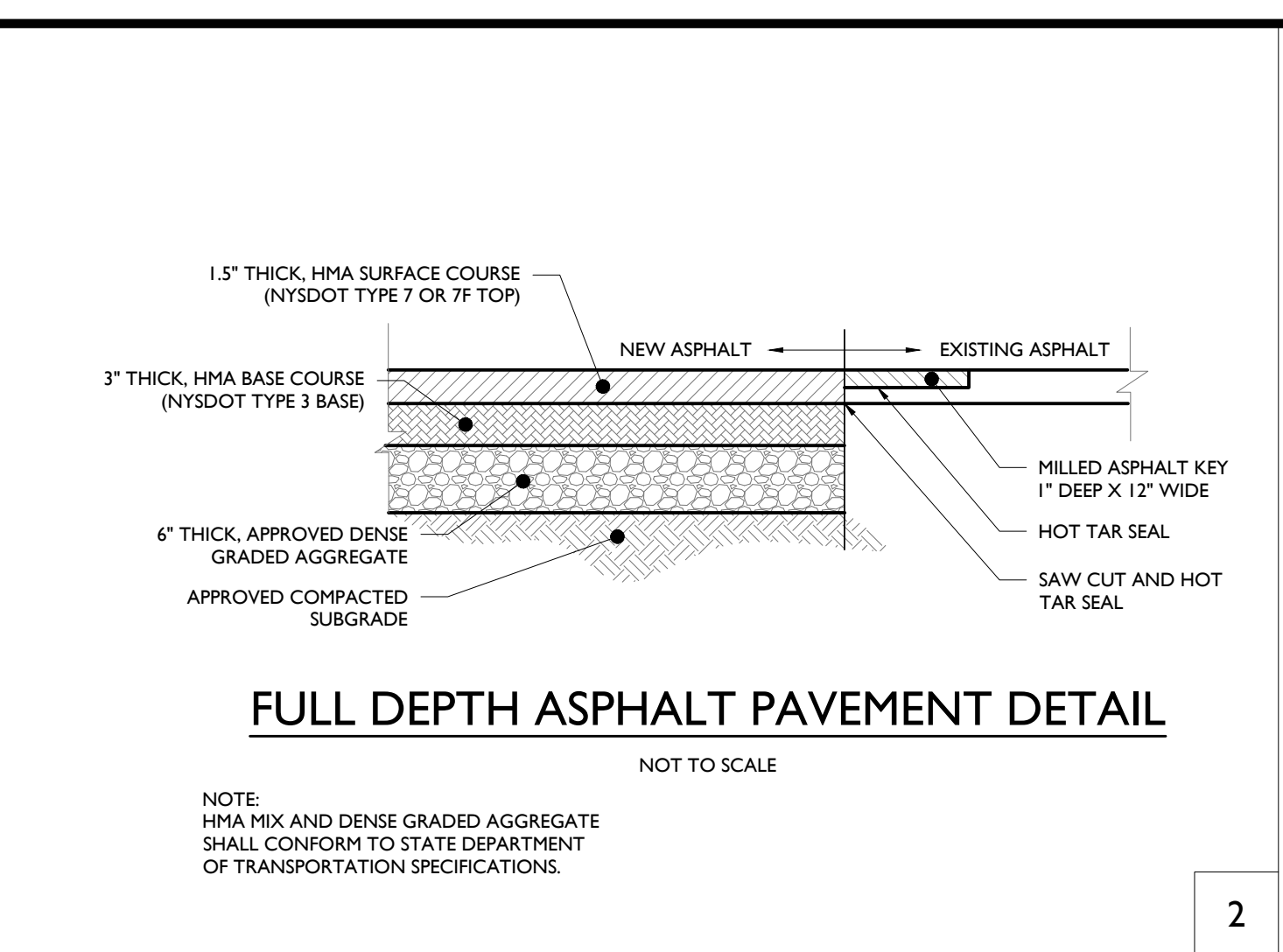
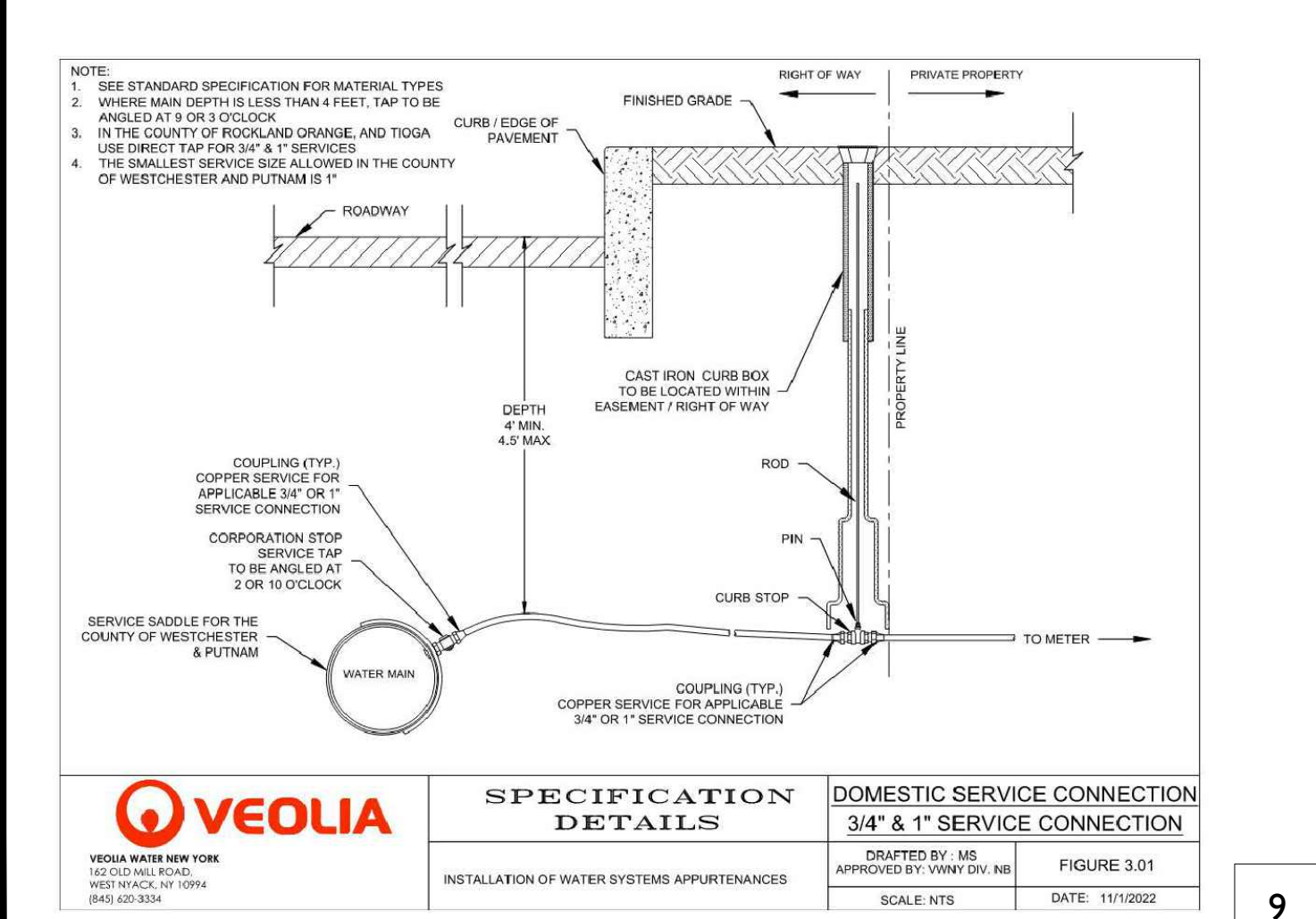
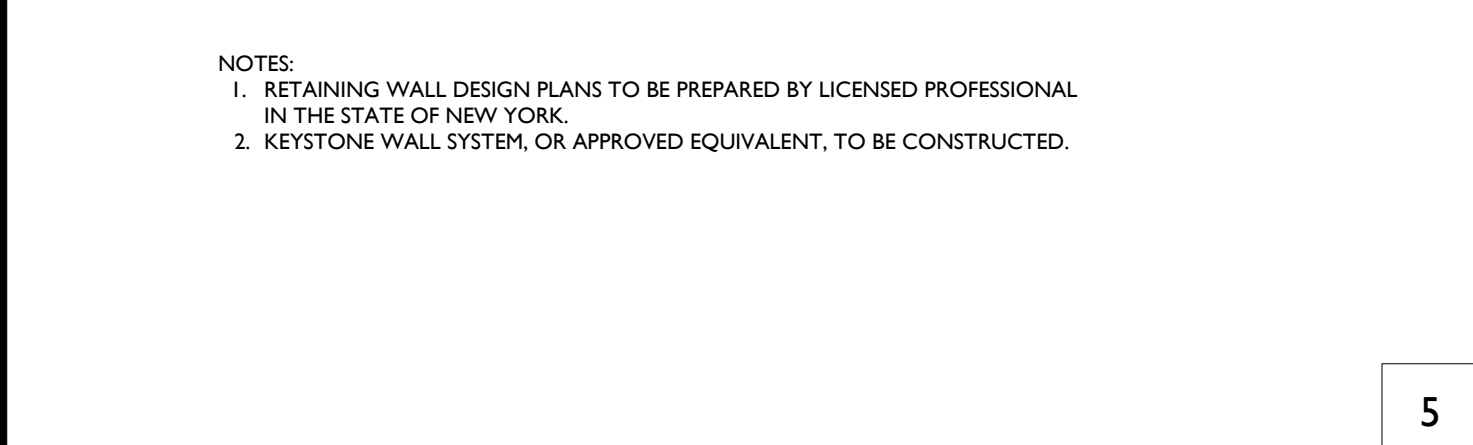
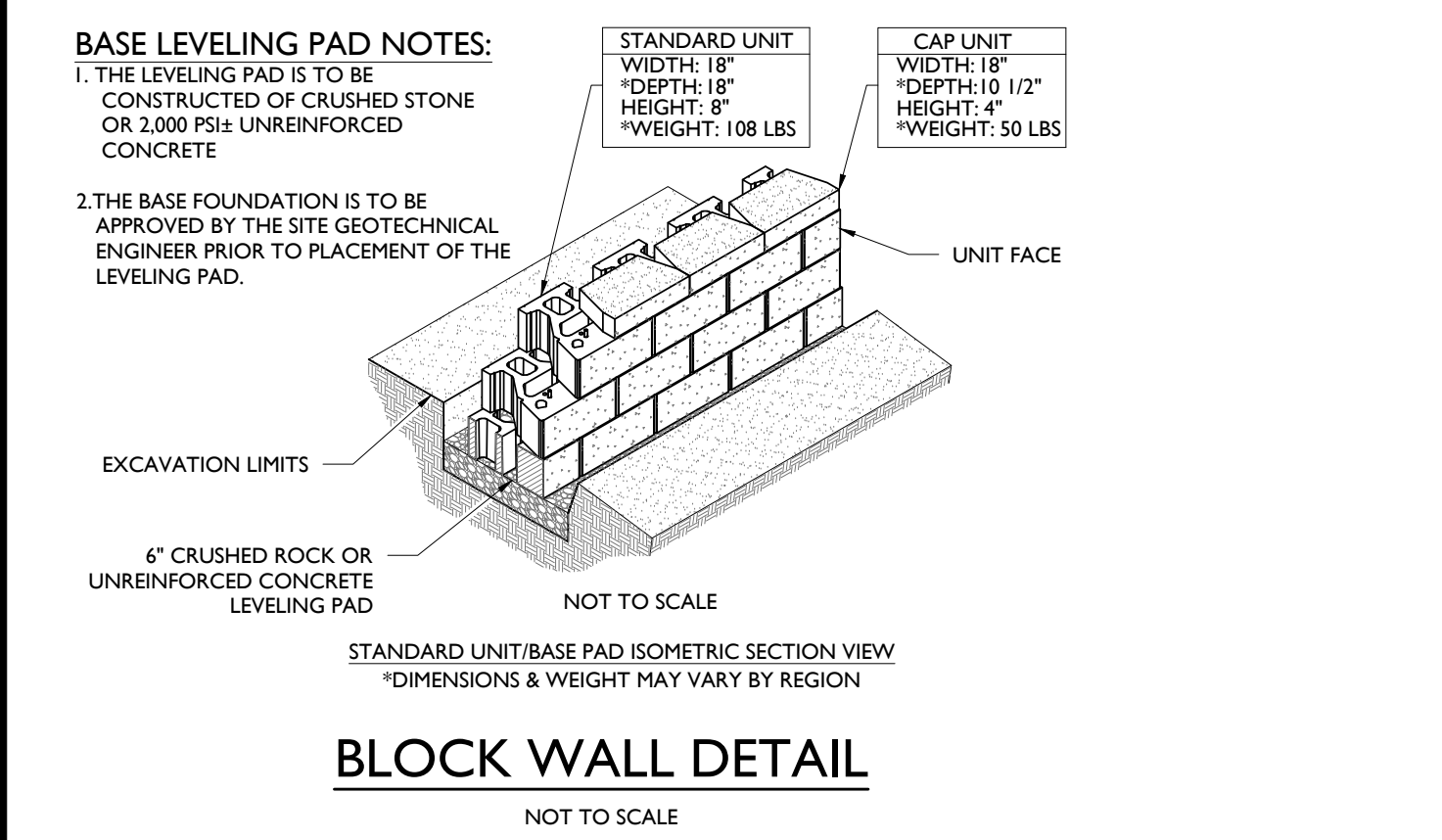
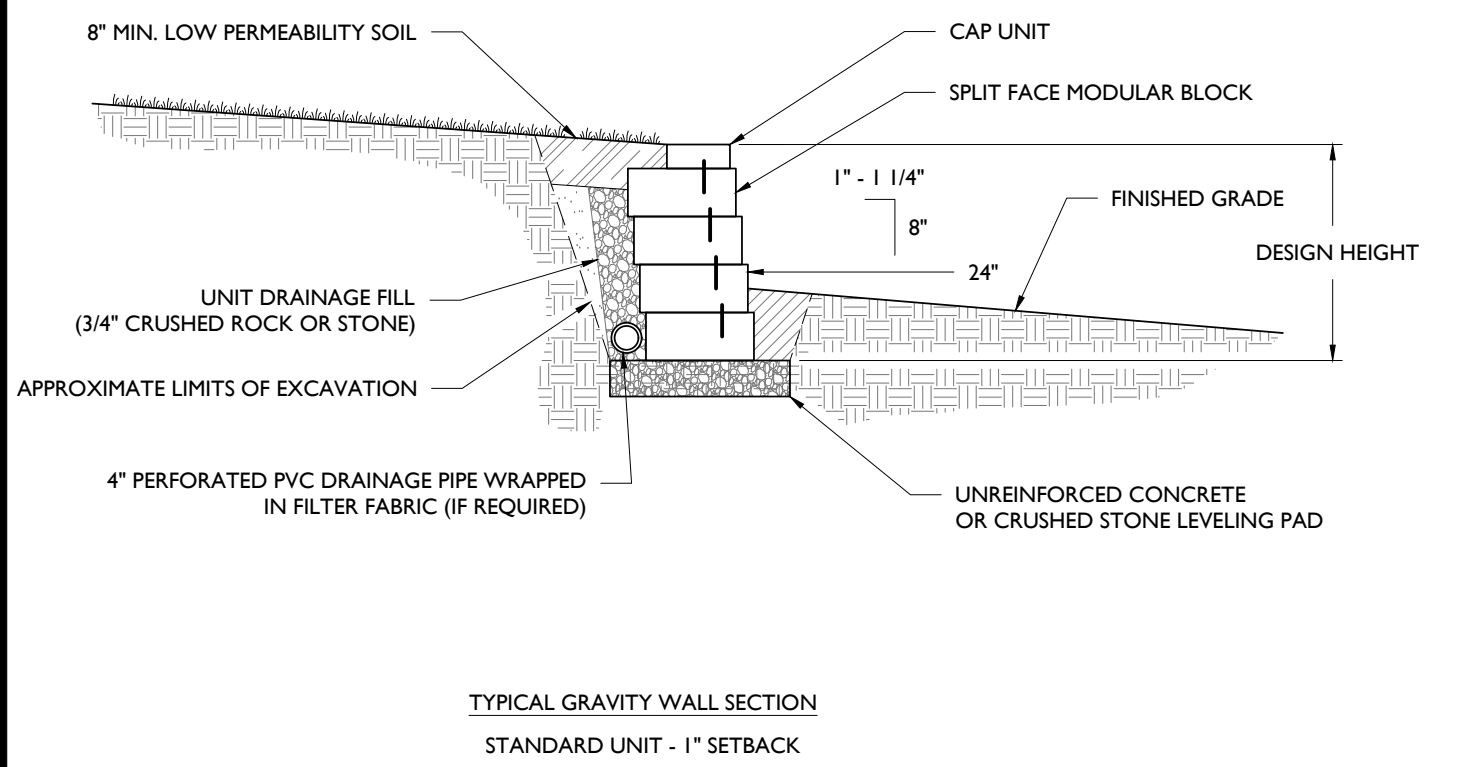
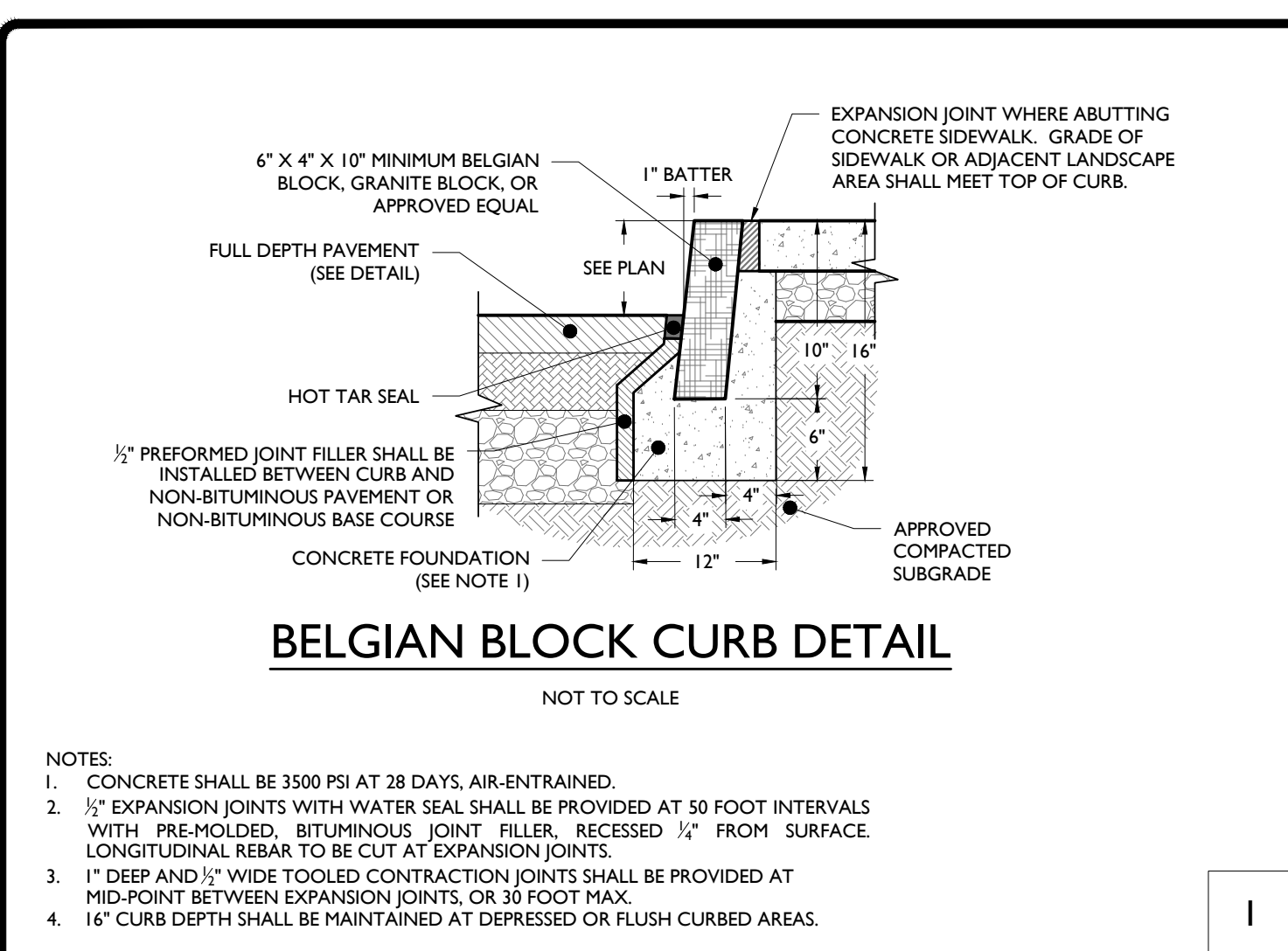
TITLE:  
**SOIL EROSION &  
SEDIMENT CONTROL  
PLAN**

DRAWING:

**C-6**



K:\2018\1810\1810 ACQUISITIONS - 15 TERRACE ROAD, WESTLEY HILLS, NY CAD - LOT 10\DWG\DWG.DWG



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SCALE: AS SHOWN PROJECT ID: K-18100

TITLE: CONSTRUCTION DETAILS

DRAWING: C-7



