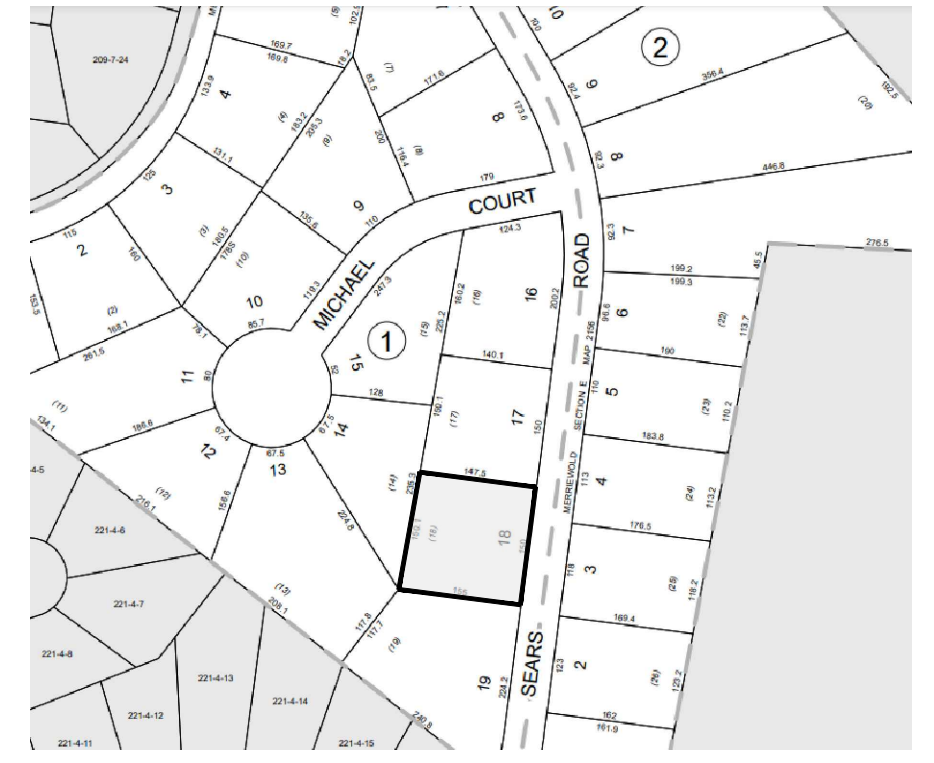


**BULK REQUIREMENTS**  
(ZONE RB) RESIDENCE B DISTRICT

**BULK TABLE:**

	REQUIRED	EXISTING	PROVIDED	LOT 1	LOT 2
<b>MINIMUM:</b>					
LOT AREA	10000	22692.15	11207.07	11485.08	11485.08
FRONTAGE	50	150	74.00	76.00	76.00
FRONT YARD	40	42.8	40.00	40.00	40.00
REAR YARD	40	72.9	44.00	48.00	48.00
SIDE YARD (ONE)	15	54.1	15.00	15.00	15.00
SIDE YARD (BOTH)	30	109.6	30.00	30.00	30.00
<b>MAXIMUM:</b>					
BUILDING HEIGHT/STORIES	2.5 STORIES	EXISTING	TBD	TBD	TBD
<b>PARKING:</b>					
REQUIRED	4	EXISTING	PROVIDED	4 (2 PER UNIT)	4 (2 PER UNIT)
PARKING SPACES	-	-	-	4 (2 PER UNIT)	4 (2 PER UNIT)

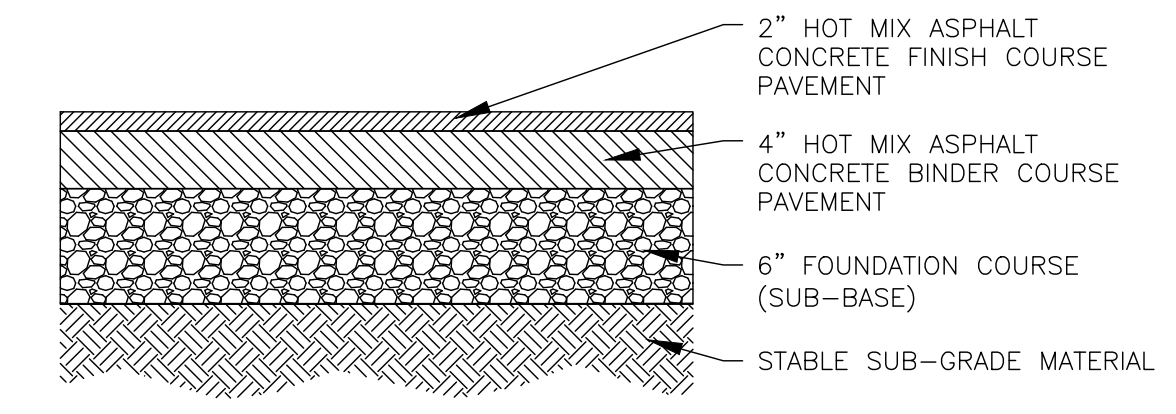
EXISTING COVERAGE		PROPOSED COVERAGE LOT #1	
IMPERVIOUS AREA	AREA (SF)	IMPERVIOUS AREA	AREA (SF)
1 STORY FRAME	1100.13	BUILDING	3330
BIT. CONC. DRIVEWAY	789.48	PARKING LOT	177.27
CONCRETE SIDEWALK	85.15	<b>TOTAL</b>	<b>3507.27</b>
CONCRETE PAD	71.42	<b>LOT AREA</b>	<b>11207.07</b>
DECKS	584.5	<b>PROPOSED COVERAGE</b>	<b>31%</b>
PLAY SET	147.91		
POOL	864.08		
<b>LOT AREA</b>	<b>22692.14</b>	<b>PROPOSED COVERAGE LOT #2</b>	
<b>EXISTING COVERAGE</b>	<b>5%</b>	<b>IMPERVIOUS AREA</b>	<b>AREA (SF)</b>
		BUILDING	3330
		PARKING LOT	177.27
		<b>TOTAL</b>	<b>3507.27</b>
		<b>LOT AREA</b>	<b>11485.08</b>
		<b>PROPOSED COVERAGE</b>	<b>31%</b>



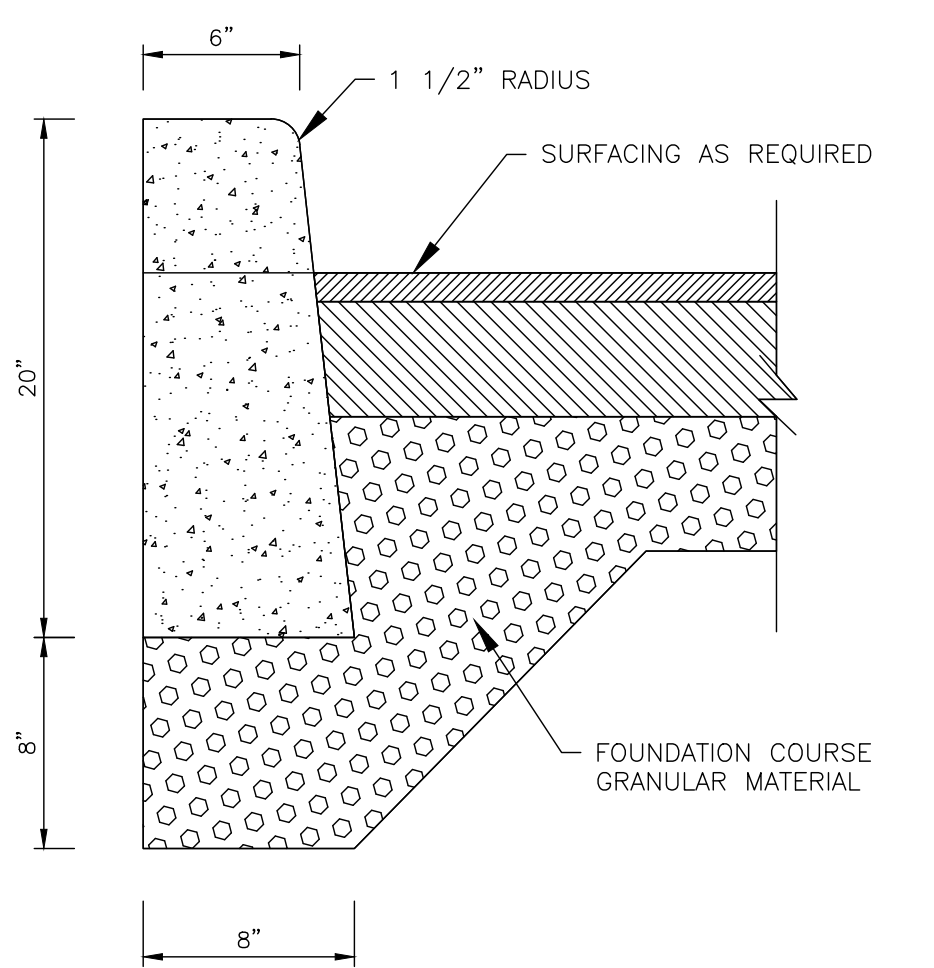
**VICINITY MAP**  
NTS



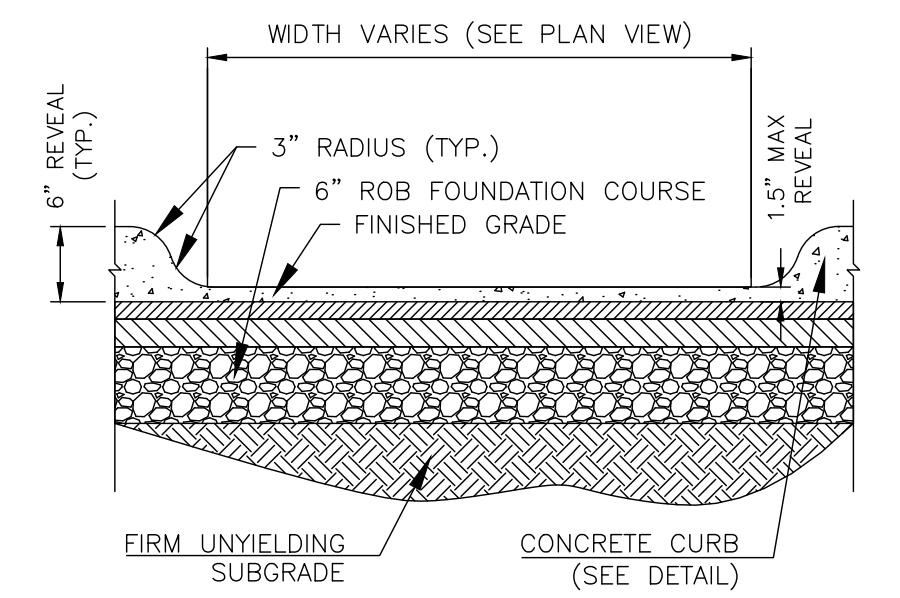
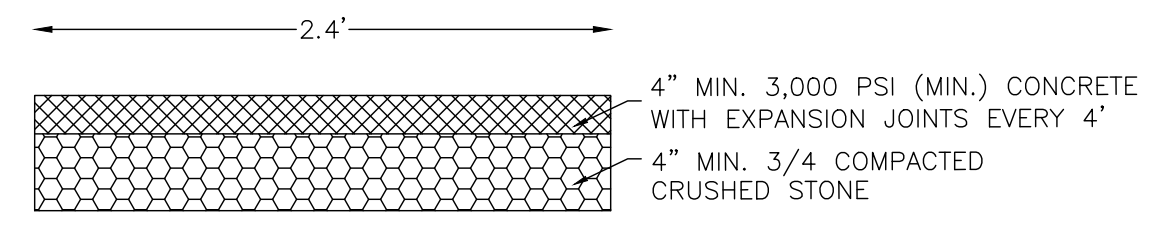
**ZONE MAP**  
NTS



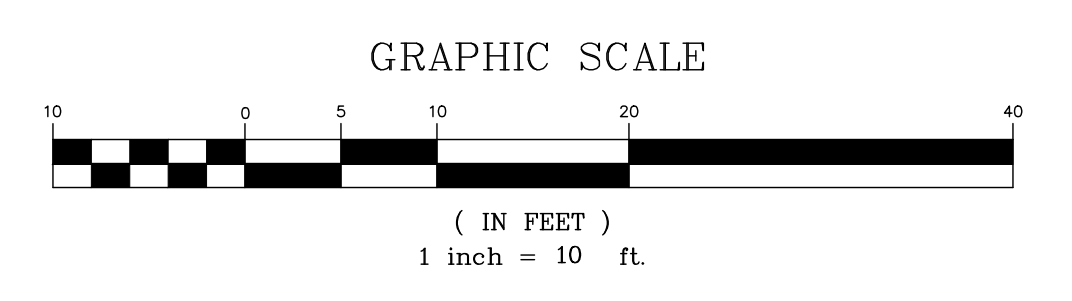
- NOTES:**
- BOUNDARY AND TOPOGRAPHY TAKEN FROM SURVEY BY CLEARPOINT SURVEYING DPC. JOHN W. MCCORD SR. LIC.# 050904, DATED AUGUST 8, 2022.
  - ALL TREES AND STRUCTURES TO REMAIN UNLESS NOTED OTHERWISE.
  - EXISTING HOUSE AND FEATURES TO BE REMOVED.
  - THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM DATA PROVIDED BY OTHERS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION THAT ARE TO REMAIN IN SERVICE. CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
  - THE EXISTING GAS AND ELECTRIC UTILITIES MUST BE LOCATED AND MARKED BEFORE CONSTRUCTION CAN START.
  - IT IS RECOMMENDED TO USE LEAF GUARD OR A SIMILAR PRODUCT ON ALL GUTTERS.
  - FOR ALL UTILITY CONSTRUCTION & IMPROVEMENT ALONG SEARS ROAD, THE APPLICANT SHALL RESTORE ALL PAVEMENT AND CURB TO MATCH THE EXISTING CONDITIONS.



- NOTES:**
- CURB SHALL BE CAST IN PLACE. EXPANSION JOINTS OF 3/16" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT THEN (10) FOOT INTERVALS. CONCRETE TO BE 1:2:3 MIX DESIGN, AIR ENTRAINED WITH DUREX OR EQUAL.
  - CONCRETE TO TEST 4000 PSI AT 28 DAYS



- SHEET INDEX:**
- SITE PLAN
  - DEMOLITION PLAN
  - GRADING PLAN
  - DRAINAGE PLAN
  - UTILITY PLAN
  - SOIL & SEDIMENT CONTROL PLAN
  - DETAILS SHEET



PREPARED FOR  
**DrawME**  
Design Group

NO.	REVISION	DATE	DR/CK

**KEVIN P. MAHER, P.E., M.ASCE**

4 EDGEWOOD DRIVE  
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LIC. 065454  
NY 845-666-0155  
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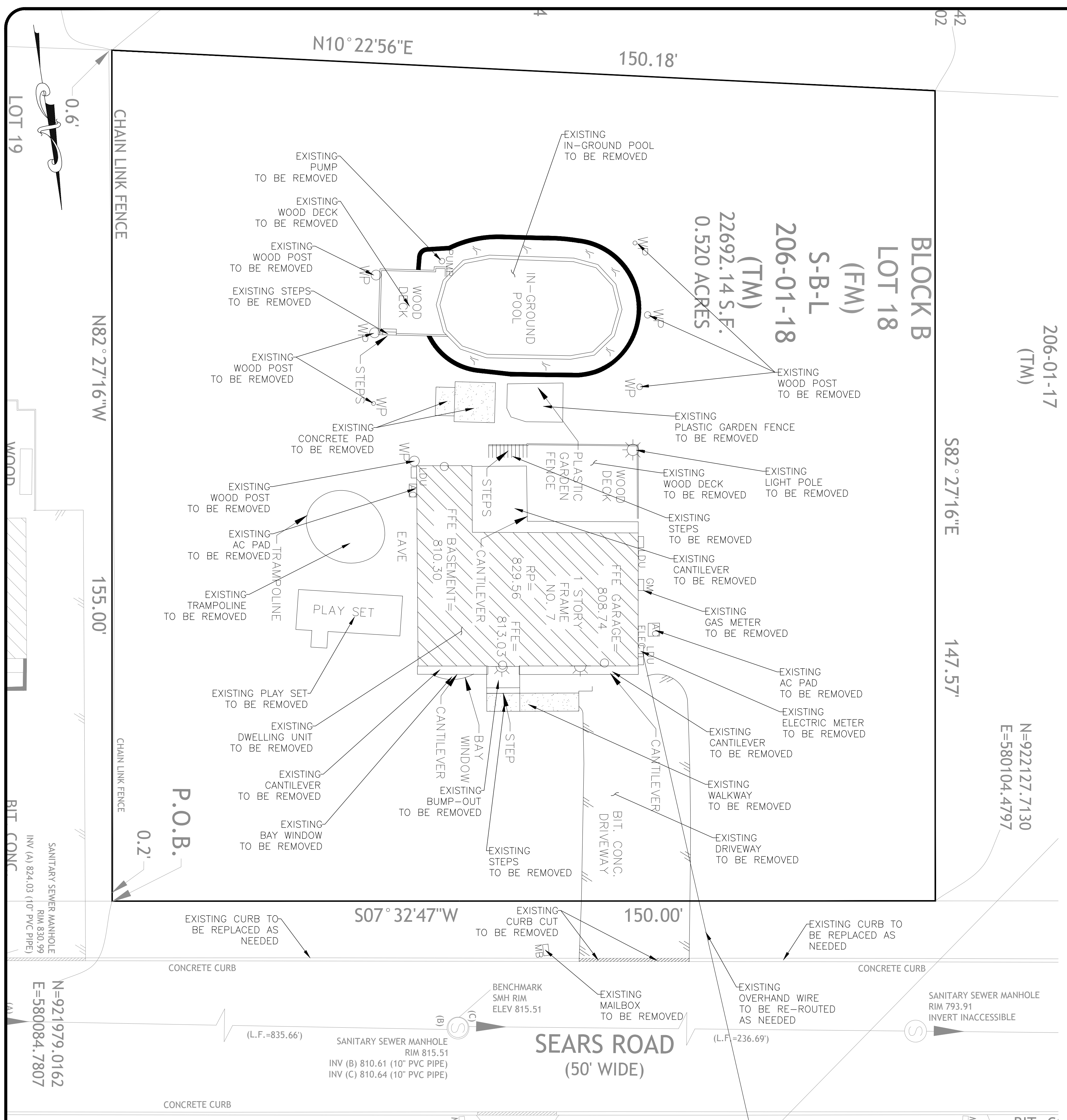
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 KEVIN P. MAHER, P.E., M.ASCE LIC. 065454 DATE 2/8/2024

**SITE PLAN**

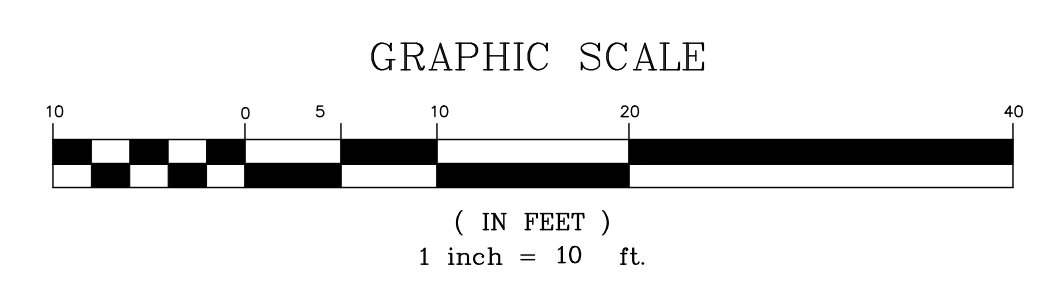
DESIGN BY:	DRAWN BY:	CHECKED BY:
YB	JH	KPM

**7 SEARS RD**  
7 SEARS ROAD, VILLAGE OF SOUTH BLOOMING GROVE.  
ORANGE COUNTY, NY 10977.  
SBL 206-1-18

DRAWING NUMBER:	SCALE:	FILE NO.:	DATE:
<b>01</b> OF <b>07</b>		24110	2/8/2024



- NOTES:**
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 Design Group

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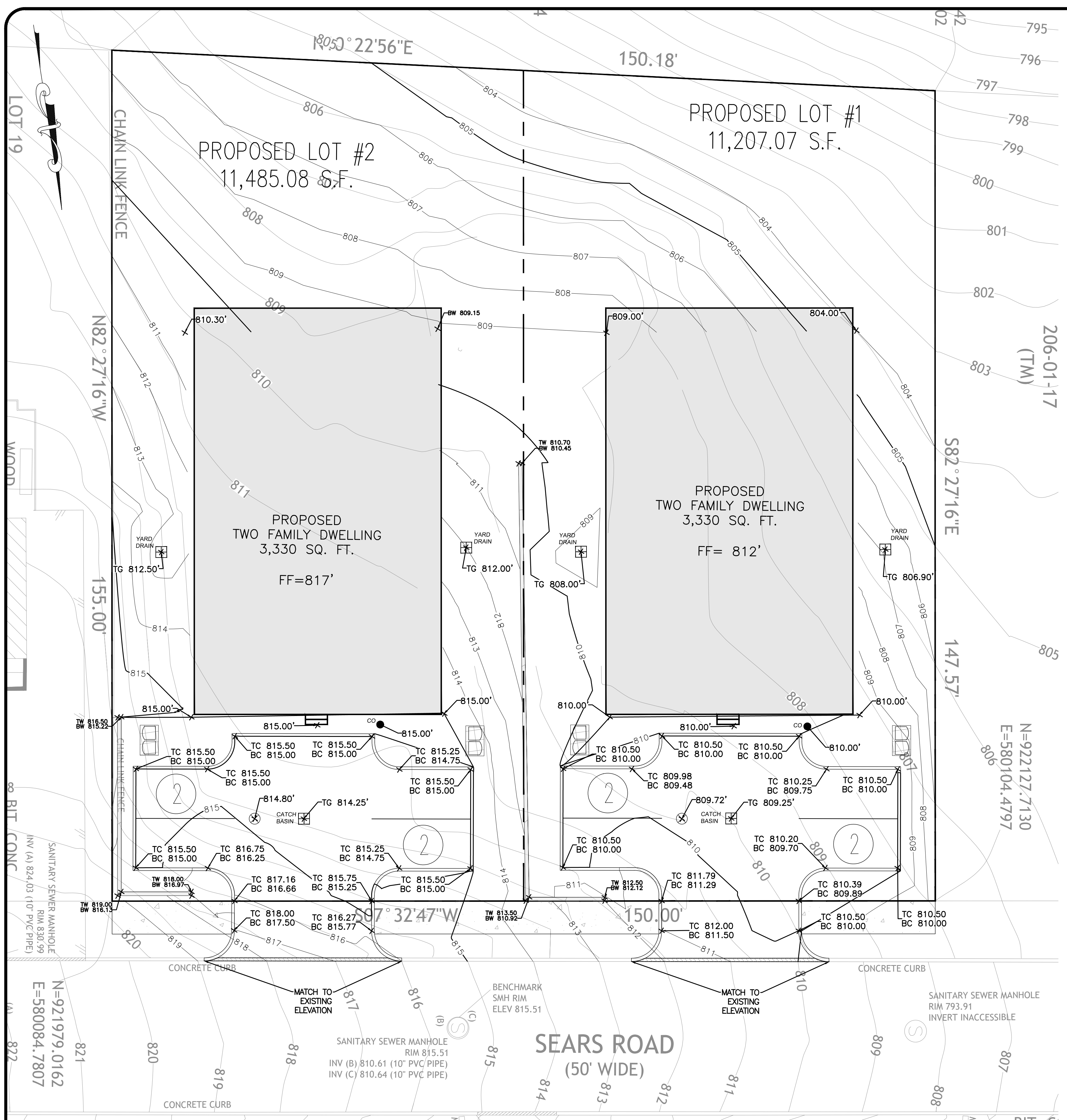
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 KEVIN P. MAHER, P.E., M.ASCE LIC. 065454 DATE

**DEMOLITION PLAN**

DESIGN BY:	DRAWN BY:	CHECKED BY:
YB	JH	KPM

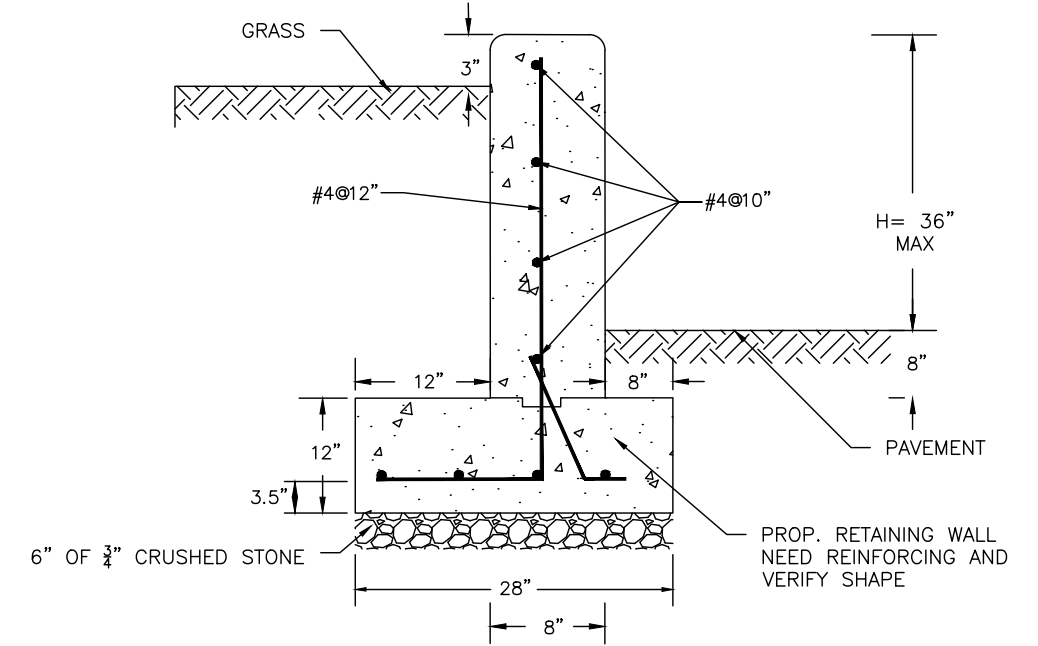
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DRAWING NUMBER:	SCALE:	FILE NO.:	DATE:
<b>02</b> OF <b>07</b>		24110	2/8/2024

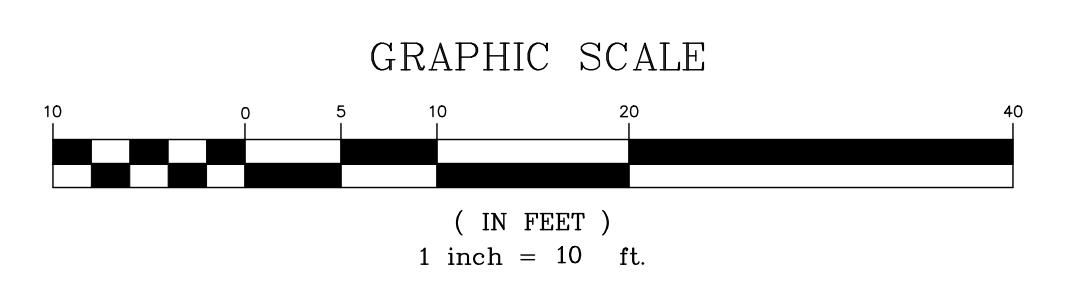


- LEGEND:**
- FF FIRST FLOOR ELEVATION
  - TG TOP OF GRATE
  - TC TOP OF CURB
  - BC BOTTOM OF CURB
  - TW TOP OF WALL
  - BW BOTTOM OF WALL

- NOTES:**
1. MAXIMUM HEIGHT ABOVE GROUND 3 FEET.
  2. PROPOSED RETAINING WALL NEED REINFORCING AND VERIFY SHAPE.
  3. THIS WALL IS NOT CLEAR FOR CONSTRUCTION.
  4. CONCRETE MINIMUM CLASS B 4,000 PSI.
  5. CURB REVEAL TO ACT AS VEHICLE ROLL OFF PREVENTION.



**SECTION RETAINING WALL**



PREPARED FOR  
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Grouping Group

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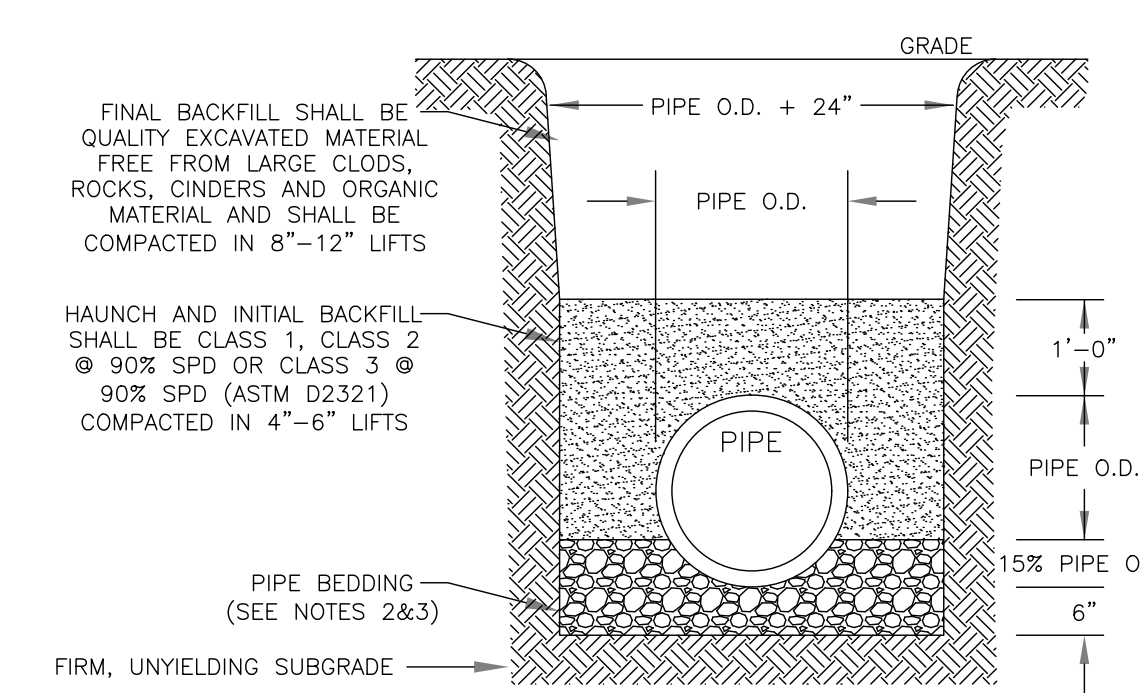
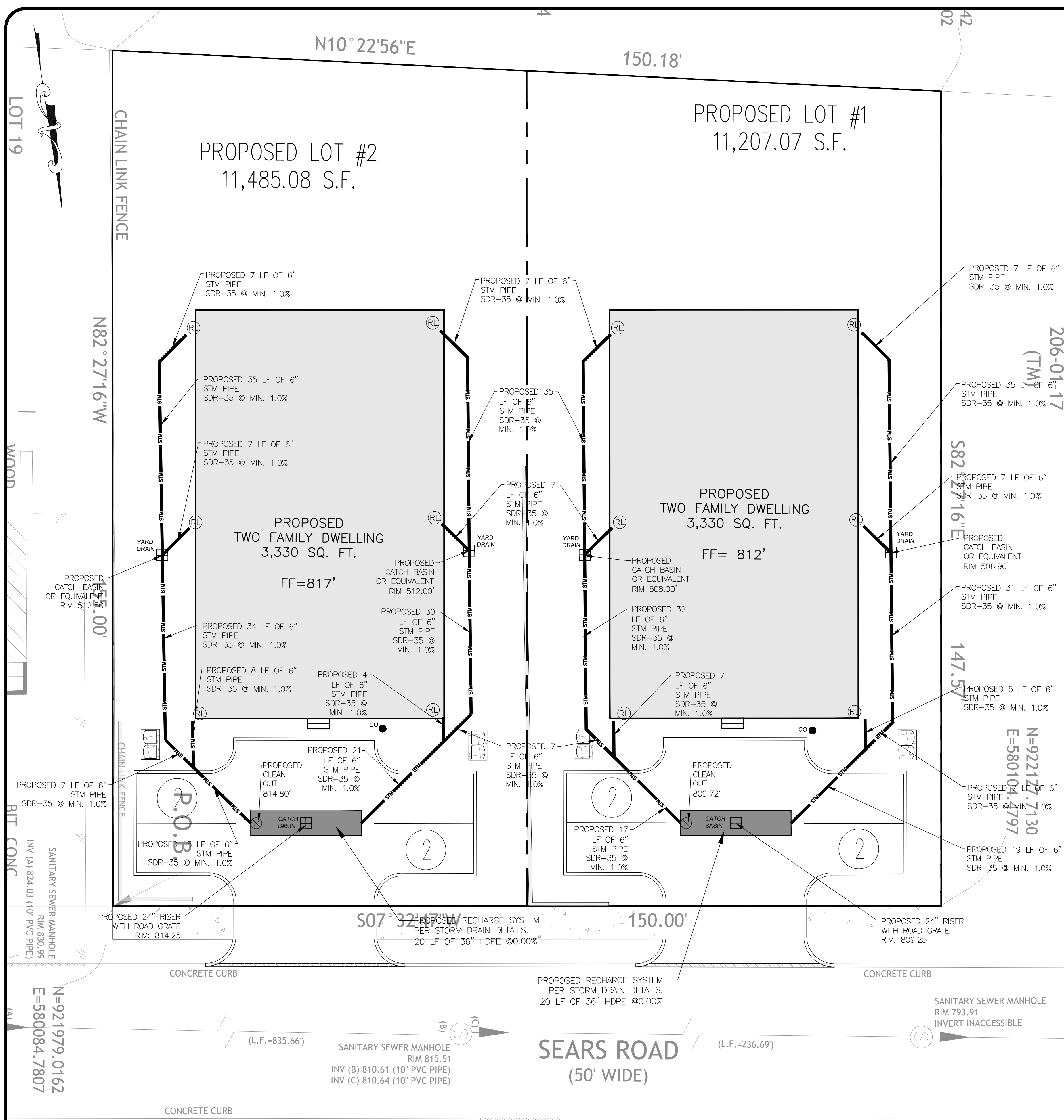
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 KEVIN P. MAHER, P.E., M.ASCE LIC. 065454 DATE

**GRADING PLAN**

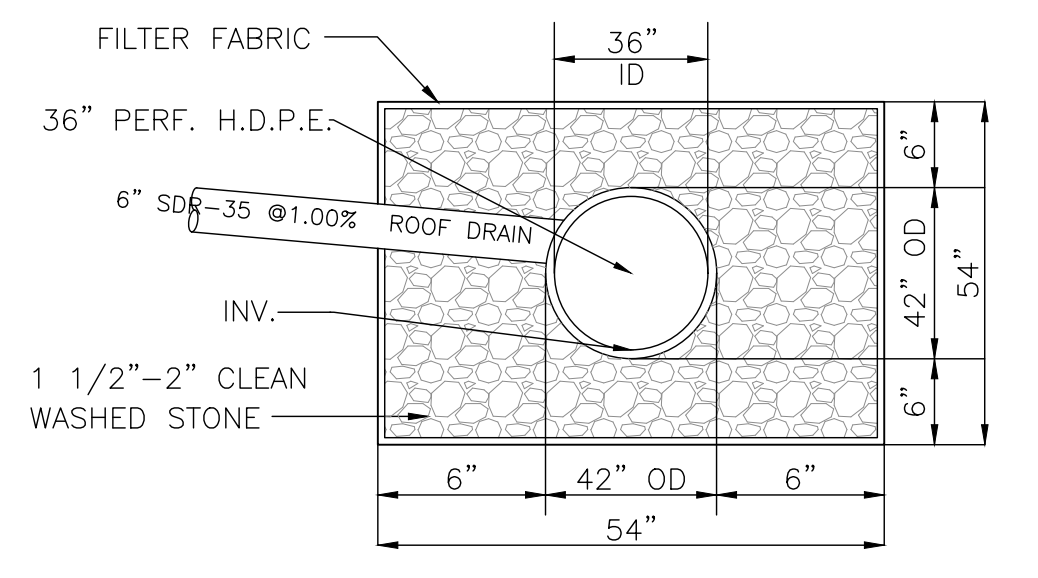
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YB	JH	KPM

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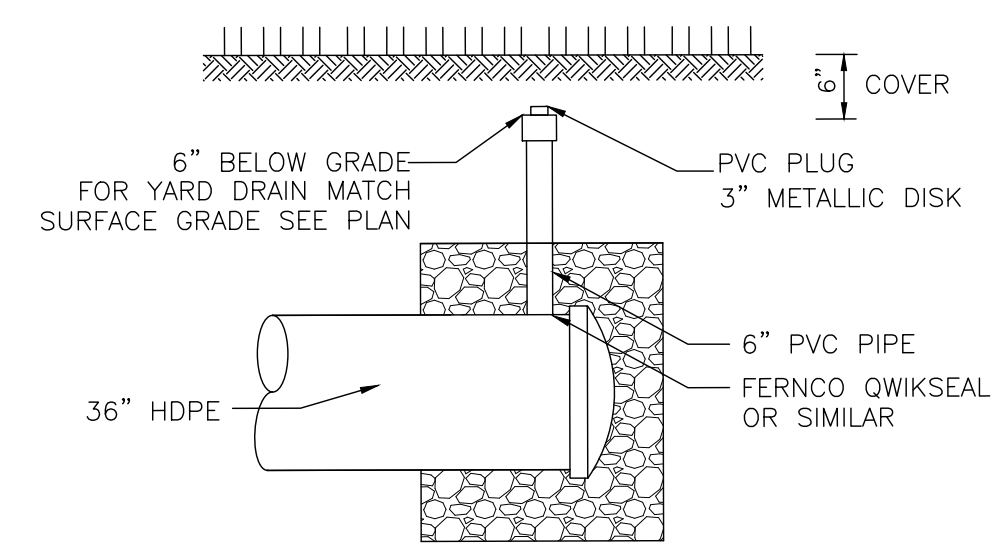
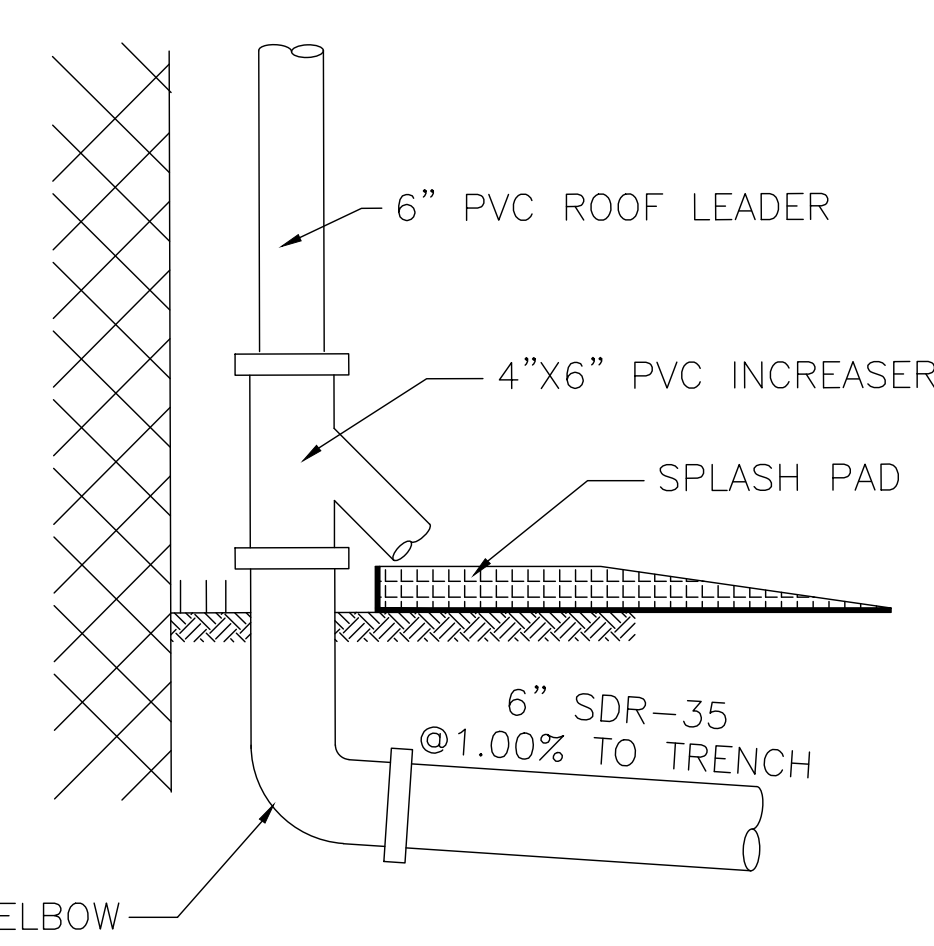
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<b>03</b> OF <b>07</b>		24110	2/8/2024



- NOTES:**
- SOIL CLASSES AS DEFINED IN ASTM D 2487 AND D 2321.
  - PIPE BEDDING FOR STORM SEWERS SHALL BE CLASS 1 EMBEDMENT MATERIAL OR CLASS 2 OR 3 EMBEDMENT MATERIAL COMPACTED TO 90% STANDARD PROCTOR DENSITY.
  - PIPE BEDDING FOR WATERMAIN SHALL BE CLASS 1 EMBEDMENT MATERIAL OR SAND.
  - PARTICLE SIZE IN THE EMBEDMENT ZONE SHALL NOT EXCEED 2"
  - WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT TO SUITABLE MATERIAL.
  - PIPE BEDDING AND BACKFILL IS TO BE IN ACCORDANCE WITH PIPE MANUFACTURER'S INSTALLATION GUIDES AND REQUIREMENTS.



- NOTES:**
- FILTER FABRIC TO BE MIRAFI 140A OR EQUAL
  - STONE TO HAVE A MINIMUM VOID RATIO OF 0.40



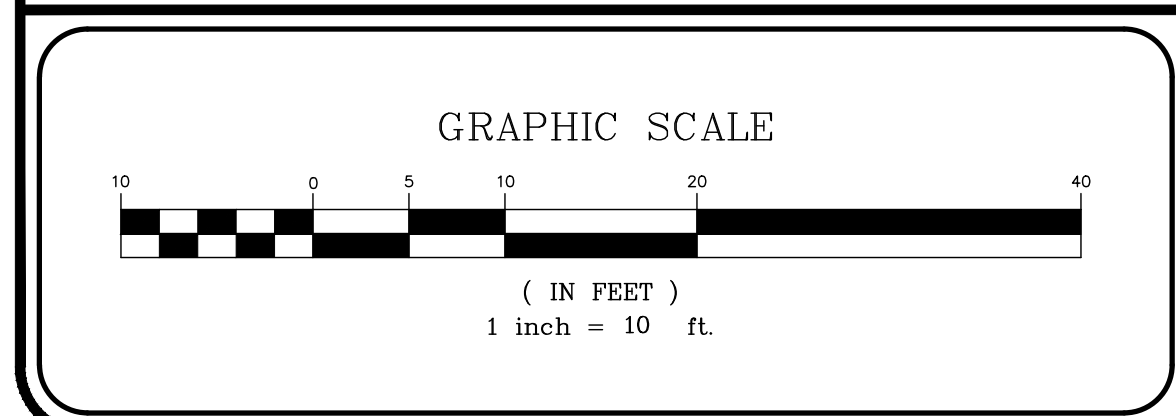
- NOTES:**
- CLEANOUT TO BE PROVIDED ON BOTH ENDS OF TRENCH.
  - ROOF DRAIN TO BE CONNECTED TO PIPE WITH PREMANUFACTURED FITTING OR NEATLY SAW CUT WITHIN THE LIMITS OF THE STONE BEDDING.

- RECHARGE NOTES:**
- RECHARGE TRENCHES ARE TO BE LOCATED A MINIMUM OF 8 FEET FROM THE FOUNDATION WITH AN INVERT 1 FOOT LOWER THAN THE BASEMENT FLOOR
  - THE SYSTEM COLLECTS AND RECHARGES THE CLEAN RUNOFF FROM THE ROOF. IN THE EVENT THAT THE SYSTEM FAILS AND NO LONGER RECHARGES WATER, THE SYSTEM WILL OVERFLOW OUT OF THE WYE FITTING IN THE ROOF LEADER. RUNOFF WILL THEN FLOW ACROSS THE LAWN AREA WHICH IS STABILIZED WITH GRASS OR OTHER GROUND COVER. THERE SHOULD BE NO CATASTROPHIC FAILURE THAT WOULD CAUSE DAMAGING EROSION DURING NORMAL STORM EVENTS.

**RUNOFF CALCULATIONS LOT 1:**  
4,716.16 SF (PROPOSED COVERAGE)  
0.50 INCH/ 2 HOUR STORM  
4,716.16 SF X 0.50 IN X 1 FT/12 INCHES  
= 196.51 CF REQUIRED  
RECHARGE TRENCH VOL = 12.34 CF/LF  
196.51/12.34 = 15.92 LF REQUIRED  
20 LF OF TRENCH PROPOSED X 12.34 CF/LF = 246.80 CF PROVIDED

**RUNOFF CALCULATIONS LOT 2:**  
4,751.16 SF (PROPOSED COVERAGE)  
0.50 INCH/ 2 HOUR STORM  
4,751.16 SF X 0.50 IN X 1 FT/12 INCHES  
= 197.97 CF REQUIRED  
RECHARGE TRENCH VOL = 12.34 CF/LF  
197.97/12.34 = 16.04 LF REQUIRED  
20 LF OF TRENCH PROPOSED X 12.34 CF/LF = 246.80 CF PROVIDED

- LEGEND:**
- RL PROPOSED 6" PVC ROOF LEADER PER STORM DRAIN DETAILS.



PREPARED FOR  
**DrawME**  
Design Group

NO.	REVISION	DATE	DR/CK

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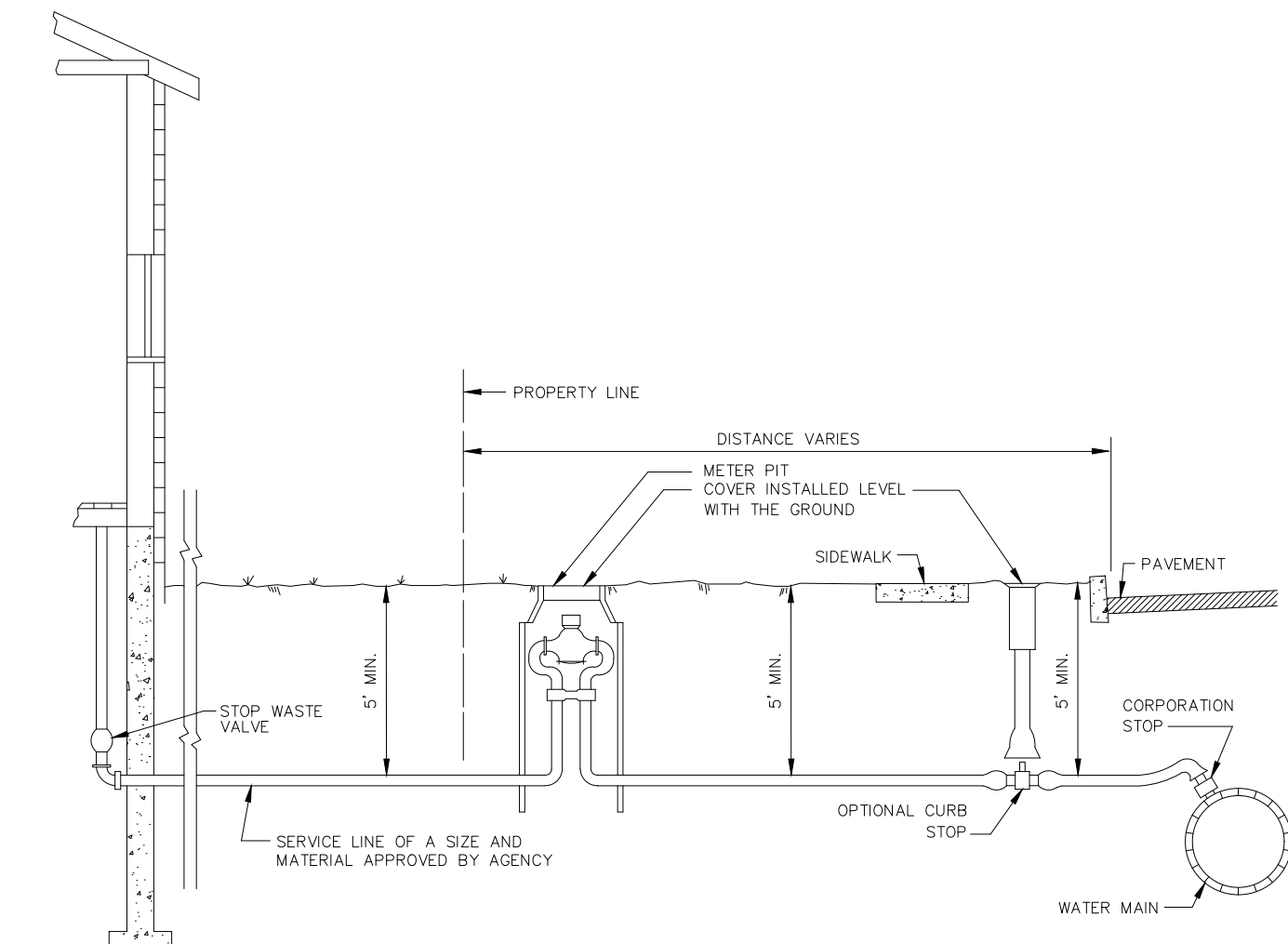
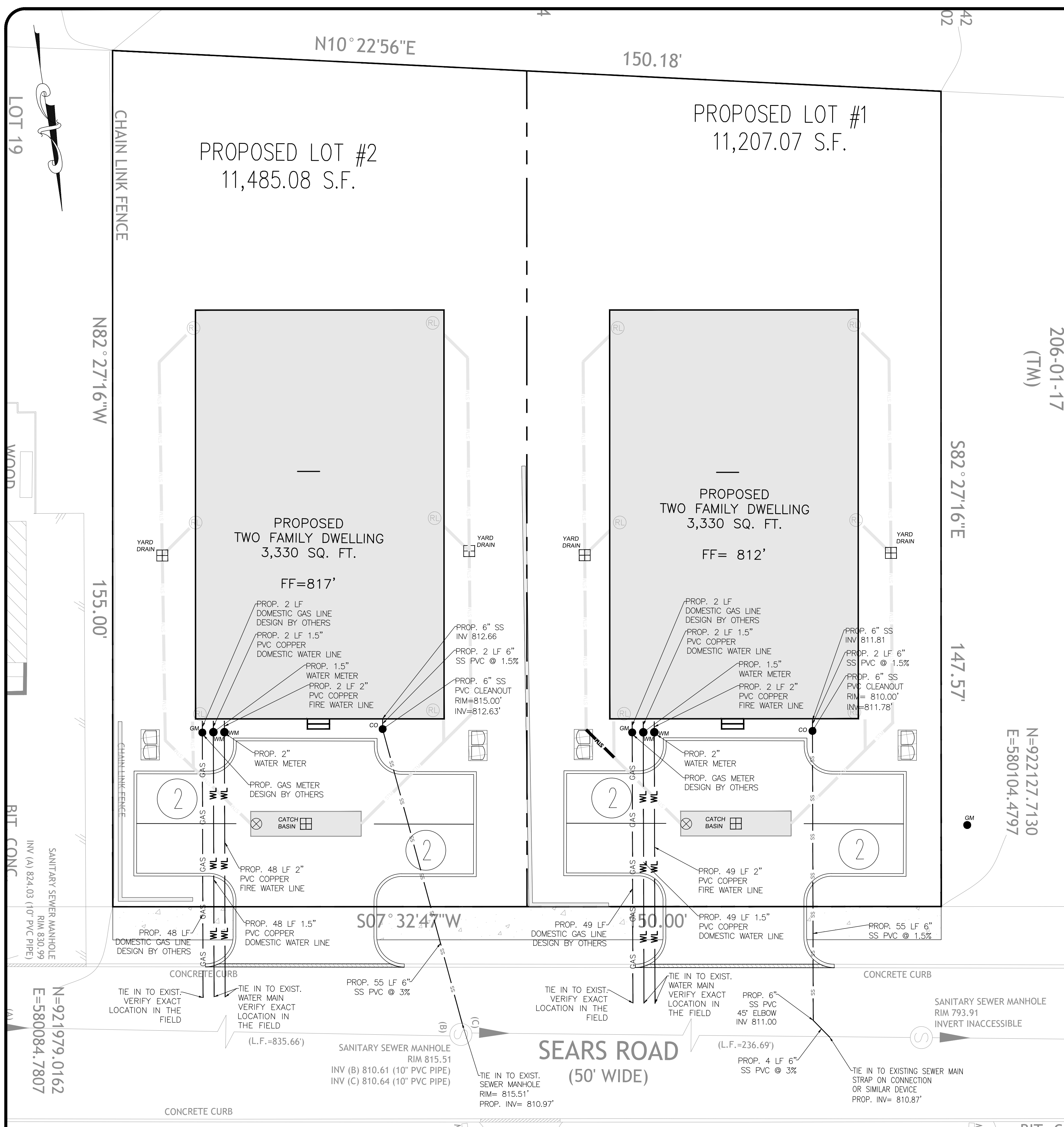
**DRAINAGE PLAN**

DESIGN BY:	DRAWN BY:	CHECKED BY:
YB	JH	KPM

**7 SEARS RD**  
7 SEARS ROAD, VILLAGE OF SOUTH BLOOMING GROVE.  
ORANGE COUNTY, NY 10977.  
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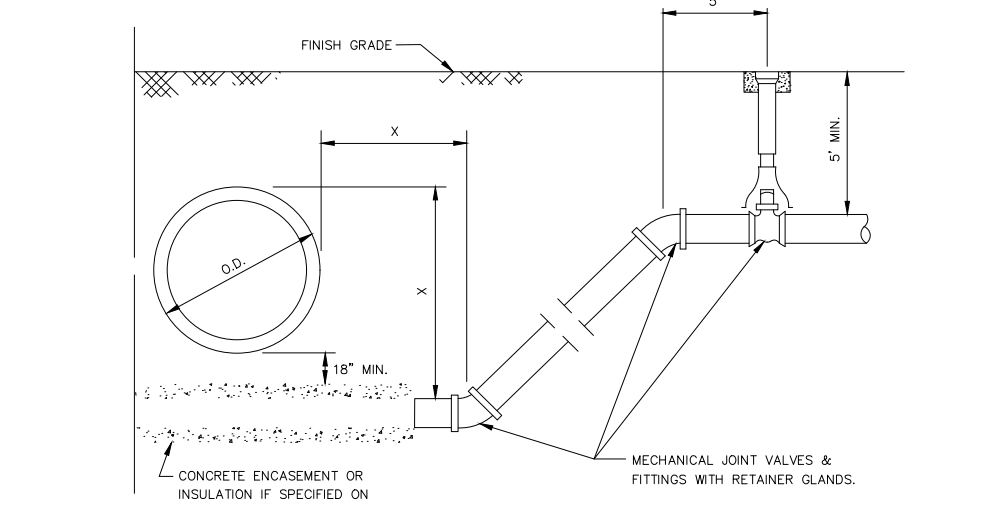
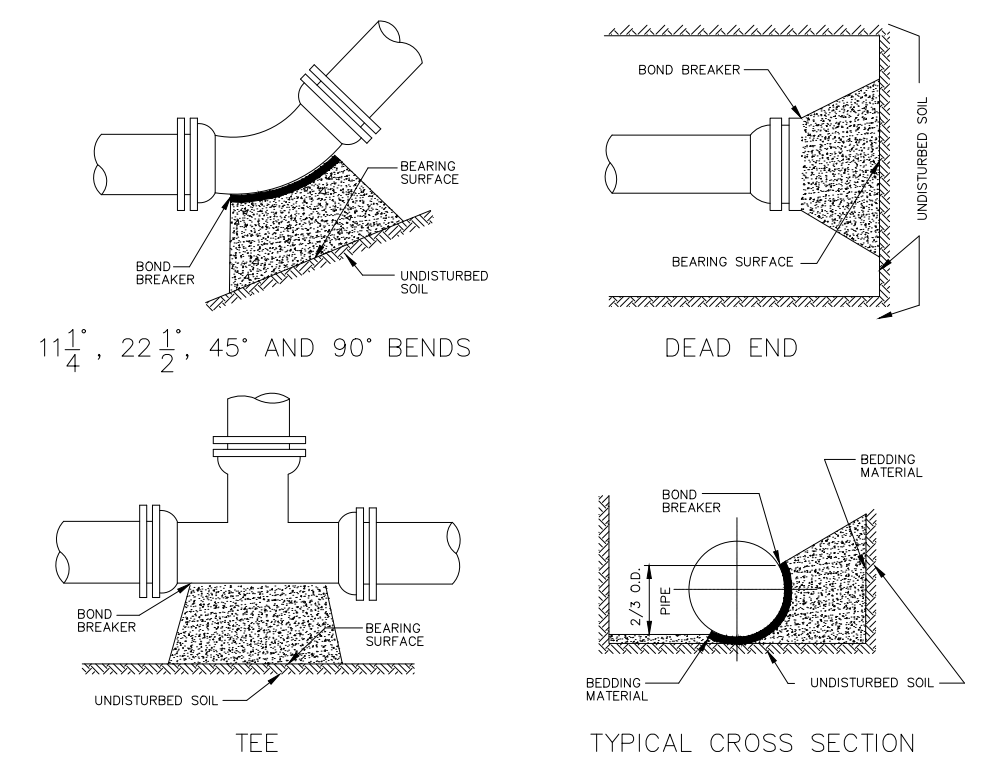
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<b>04</b> OF <b>07</b>		24110	2/8/2024





1. PLACEMENT OF METER PIT CAN VARY FROM A MAXIMUM OF 5 FEET OUTSIDE THE PROPERTY LINE TO A MAXIMUM OF 5 FEET INSIDE THE PROPERTY LINE. PLACEMENT OUTSIDE OF THE PROPERTY LINE IS PREFERRED.
2. OWNER'S RESPONSIBILITY SHALL BE AS INDICATED ON THE DEVELOPMENT/UTILITY PLAN SHEET(S) AND/OR THE DEVELOPER'S AGREEMENT.
3. SEE SERVICE CONNECTION DETAIL FOR INFORMATION REGARDING MATERIALS.
4. SHOULD A SITUATION ARISE OTHER THAN SHOWN CONCERNING THE DEPTH OBSTRUCTION OF SERVICE LINE OR THE PLACEMENT OF METER PIT OR CURB BOX, CALL THE AUTHORITY IMMEDIATELY FOR DIRECTION.
5. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS.
6. SERVICE LINE MUST BE A MINIMUM OF 1" DIAMETER OF TYPE "K" COPPER FROM THE WATER MAIN TO, THROUGH AND TO THE OUTSIDE WALL OF THE METER PIT.

SERVICE LINE WITH METER PIT DETAIL NTS



- NOTES:
1. CONCRETE ENCASMENT OR INSULATION WILL ONLY BE INSTALLED IF SPECIFICALLY REQUIRED ON THE CONSTRUCTION DRAWINGS.
  2. CONCRETE ENCASMENT WILL BE IN ACCORDANCE WITH THE STANDARD DETAIL FOR ENCASMENT UNLESS OTHERWISE SPECIFIED.
  3. IF PIPE IS ENCASED THE LOWER FITTINGS SHALL BE RODDED TO RETAINER CLAMP 10 FEET INSIDE OF CONCRETE ENCASMENT.
  4. IF PIPE IS NOT ENCASED THE PIPE BETWEEN LOWER FITTINGS SHALL HAVE RESTRAINED JOINTS.
  5. ALL RETAINER GLANDS OR RESTRAINED JOINTS SHALL BE WRAPPED IN POLYETHYLENE.
  6. ALL PIPE SHALL BE WRAPPED IN POLYETHYLENE IF CORROSION SOLS ARE ENCOUNTERED.
  7. THE MINIMUM DISTANCE FROM THE OUTSIDE WALL OF THE UTILITY BEING CROSSED TO THE CENTER OF THE LOWER BEND SHALL BE EQUAL TO THE DISTANCE FROM THE TOP OF THE UPPER UTILITY TO THE TOP OF THE WATER MAIN. THIS MINIMUM DISTANCE SHALL BE AS MEASURED PERPENDICULAR TO THE UPPER UTILITY.
  8. LOWER FITTING SHALL BE RODDED TO UPPER FITTING IF A PIPE JOINT EXISTS BETWEEN THESE FITTINGS.
  9. UPPER FITTINGS SHALL BE RODDED TO VALVE.
  10. VALVE SHALL BE RODDED A MINIMUM OF 20 FEET FROM THE CROSSING.

VERTICAL DEFLECTION DETAIL NTS

**2.25 SEWERS NEAR WATER MAINS**

ALL SANITARY SEWER MAINS, LATERALS AND APPURTANCES (INCLUDING MANHOLES) SHALL BE LAID AT LEAST TEN FEET (10'), HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN OR WATER MAIN. SHOULD LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN FEET (10'), A SANITARY SEWER MAY BE LAID CLOSER THAN TEN FEET (10') TO A STORM OR WATER MAIN, PROVIDED THAT THE MAIN IS LAID IN A SEPARATE TRENCH, OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE WATER MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST EIGHTEEN INCHES (18") ABOVE THE TOP OF THE SANITARY SEWER AS APPROVED BY THE LOCAL DEPT. OF HEALTH. WHEN IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL AND/OR VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER MAIN AND SANITARY SEWER MUST BE CONSTRUCTED OF PUSH-ON (DUCTILE IRON TYTON PIPE AND FITTINGS WITH FIELD LOK SS GASKETS (AS MFG BY US PIPE AND FOUNDATION COMPANY, OR APPROVED EQUIVALENT) OR MECHANICAL JOINT CAST IRON PIPE, CLASS 52 DUCTILE IRON PIPE, AND MUST BE HYDROSTATICALLY PRESSURE-TESTED TO ASSURE WATER TIGHTNESS BEFORE BACK-FILLING. THE SEWER MAIN AND LATERAL PIPE MUST BE HYDROSTATICALLY TESTED TO A MINIMUM OF 50 PSI IN ACCORDANCE WITH AN ACCEPTABLE TESTING PROCEDURE ADOPTED FOR THE PIPE MATERIAL.

WHENEVER WATER MAINS MUST CROSS HOUSE SEWERS, STORM DRAINS, OR SANITARY SEWERS, THE WATER MAIN SHOULD BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS EIGHTEEN INCHES (18") ABOVE THE TOP OF THE SEWER. THIS VERTICAL SEPARATION SHOULD BE MAINTAINED FOR THE PORTION OF THE WATER MAIN LOCATED WITHIN TEN FEET (10') HORIZONTALLY OF ANY SEWER OR DRAIN IT CROSSES. SAID TEN FEET (10') TO BE MEASURED HORIZONTALLY FROM THE OPPOSING OUTSIDE DIAMETER FACES OF THE WATER MAIN TO THE DRAIN OR SEWER.

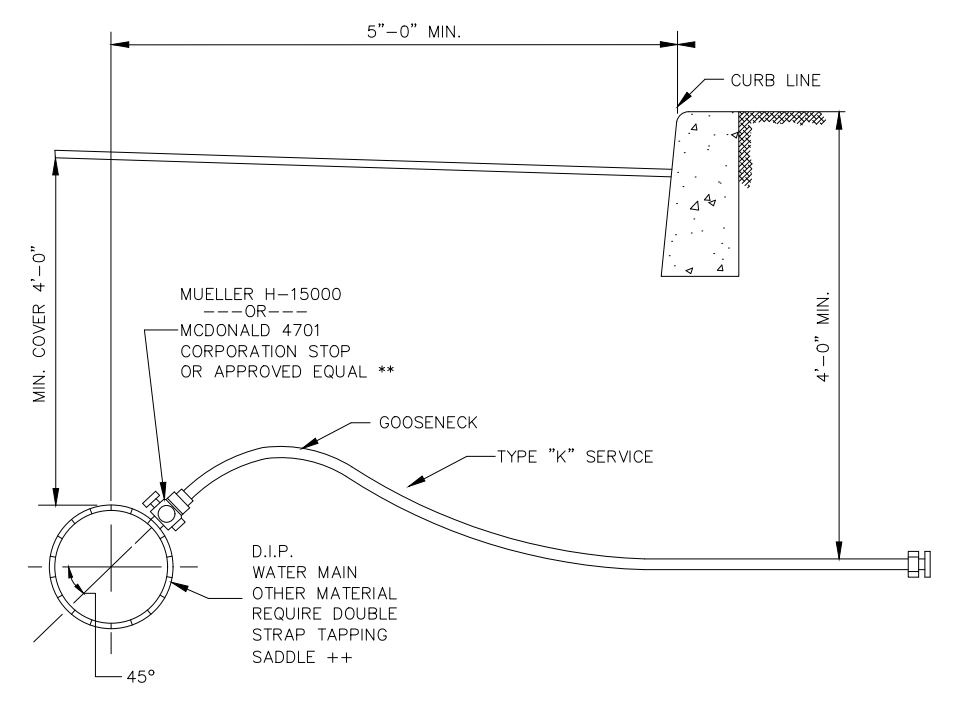
WHERE CONDITIONS PREVENT THE MINIMUM VERTICAL SEPARATION SET FORTH ABOVE FROM BEING MAINTAINED, OR WHEN IT IS NECESSARY FOR THE WATER MAIN TO PASS UNDER A SEWER OR DRAIN, THE WATER MAIN MUST BE LAID WITH SUP-ON OR MECHANICAL JOINT CLASS 52 DIP. PIPE MUST BE EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE HORIZONTAL DISTANCE FROM THE OPPOSING OUTSIDE DIAMETER FACES OF THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN FEET (10').

IN MAKING SUCH CROSSING, IT IS REQUIRED TO CENTER A LENGTH OF WATER MAIN PIPE UNDER THE SEWER TO BE CROSSED SO THAT THE JOINTS WILL BE EQUI-DISTANT FROM THE SEWER AND AS REMOVE THEREFROM AS POSSIBLE.

WHERE A WATER MAIN MUST CROSS UNDER A SEWER, A VERTICAL SEPARATION OF EIGHTEEN INCHES (18") BETWEEN THE BOTTOM OF THE SEWER AND THE TOP OF THE WATER MAIN MUST BE MAINTAINED, WITH ADEQUATE SUPPORT FOR THE LARGER-SIZED SEWER LINES TO PREVENT THEM FROM SETTLING ON AND BREAKING THE WATER MAIN.

PIPE SIZE	MINIMUM BEARING SURFACE AREA (FT <sup>2</sup> )			
	11-1/4"	12-1/2"	15"	18"
6"	1.0	1.5	2.5	4.5
8"	1.0	2.5	4.5	8.0
10"	2.0	3.5	7.0	12.5
12"	2.5	5.0	9.5	17.5
16"	4.5	8.5	17.0	31.0
18"	5.5	11.0	21.5	39.5
20"	7.0	13.5	27.0	48.0
24"	10.0	19.5	38.5	70.0

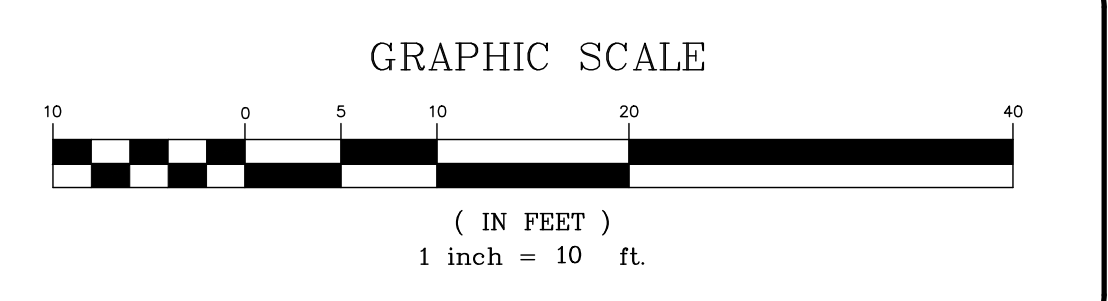
- NOTES:
1. ON 16" AND LARGER TRANSMISSION MAINS BENDS SHALL BE BOTH RODDED AND THRUST BLOCKED.
  2. BEARING SURFACES SHOWN IN CHART ARE MINIMUM.
  3. BASED ON 150 PSI INTERNAL PIPE PRESSURE PLUS WATER HAMMER = 70PSI.  
12" WATER HAMMER = 110 PSI  
16" AND LARGER WATER HAMMER = 70 PSI
  4. SOIL BEARING CAPACITY = 3,000 LB./SQ. FT.
  5. ALL 90 DEGREE BENDS SHALL BE RODDED AND THRUST BLOCKED.
  6. NA = NOT APPLICABLE.



CONCRETE THRUST BLOCK DETAIL NTS

SERVICE CONNECTION DETAIL

- LEGEND:
- WM WATER METER
  - GM GAS METER
  - CO CLEAN-OUT (LATERAL SEWER CONNECTION)



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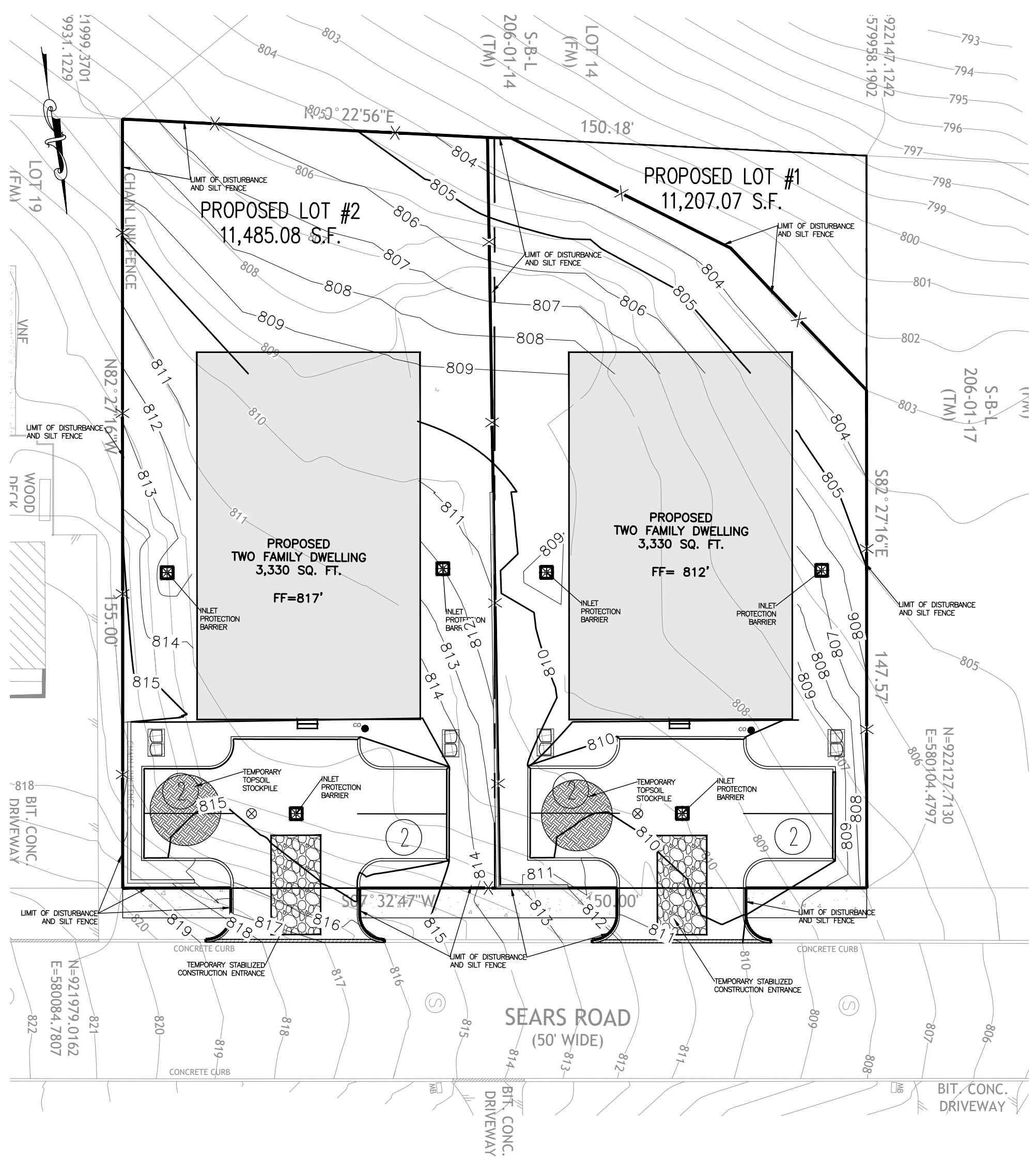
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**UTILITY PLAN**

DESIGN BY:	DRAWN BY:	CHECKED BY:
YB	JH	KPM

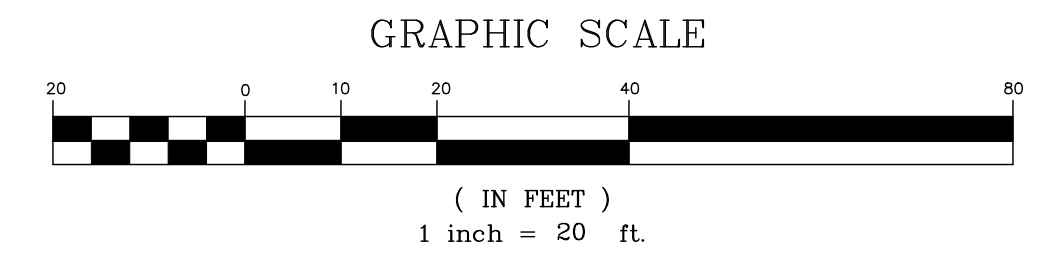
**7 SEARS RD**  
7 SEARS ROAD, VILLAGE OF SOUTH BLOOMING GROVE.  
ORANGE COUNTY, NY 10977.  
SBL 206-1-18

DRAWING NUMBER:	SCALE:	FILE NO.:	DATE:
<b>05</b> OF <b>07</b>		24110	2/8/2024



- LEGEND:**
- REINFORCED FILTER FABRIC BARRIER
  - STABILIZED CONSTRUCTION EXIT
  - INLET PROTECTION BARRIER
- NOTES:**
- AREA OF DISTURBANCE (LOT 1): 10,179.27 SF.
  - AREA OF DISTURBANCE (LOT 2): 11,751.55 SF.
  - ALL TREES AND STRUCTURES TO REMAIN UNLESS NOTED OTHERWISE.
- DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.  
 ••• AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.  
 ••• STRUCTURAL CONTROL MEASURES.  
 ••• LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.
6. CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND/OR CULVERTS FOR UNOBSTRUCTED DRAINAGE AT ALL TIMES. WHERE SODDING IS DISTURBED BY EXCAVATION OR BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SODDING. SLOPES 4:1 OR STEPPER SHALL BE REPLACED BY CLOCK SODDING.

- SEQUENCE OF CONSTRUCTION NOTES**
- CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATION SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPPP) PLANS TO KEEP SILT AND/OR EXCAVATED MATERIALS FROM ENTERING INTO THE STORM WATER INLETS AND DITCHES EVENTUALLY POLLUTING THE RECEIVING STORM.
  - DURING THE EXCAVATION PHASE OF THE PROJECT, CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SEGMENTS SO THAT EXCAVATED MATERIAL CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL WHICH FALLS ON PAVEMENTS OR DRIVEWAYS SHALL BE SWEEPED BACK INTO THE EXCAVATED AREA.
  - CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK TRACKED FROM THE EXCAVATED AREA.
  - CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
  - CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
    - DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
    - AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
    - STRUCTURAL CONTROL MEASURES.
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PREPARED FOR  
**DrawME**  
Geospatial Group

NO.	REVISION	DATE	DR/CK

**KEVIN P. MAHER, P.E., M.ASCE**  
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 NY 845-666-0155  
 NJ 732-523-2289  
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 2/8/2024

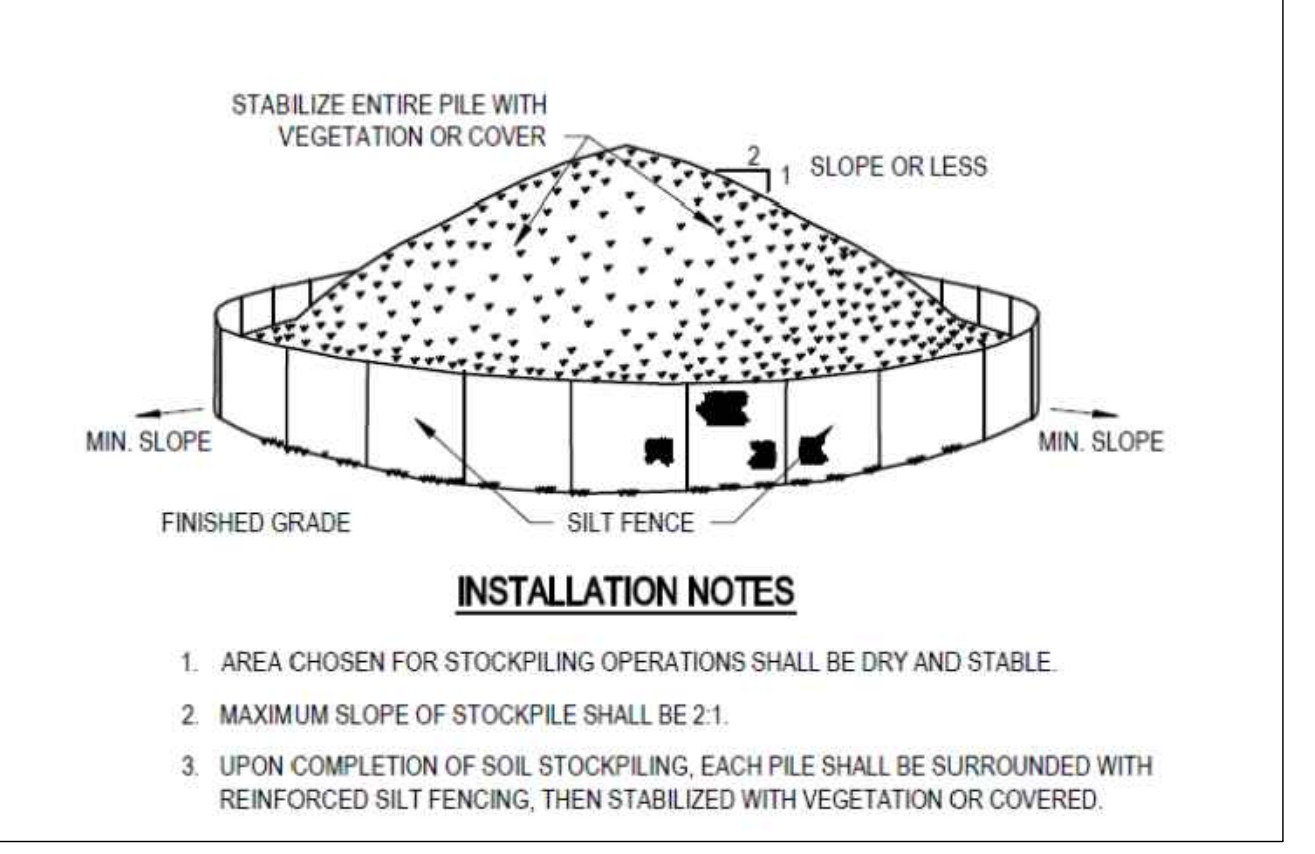
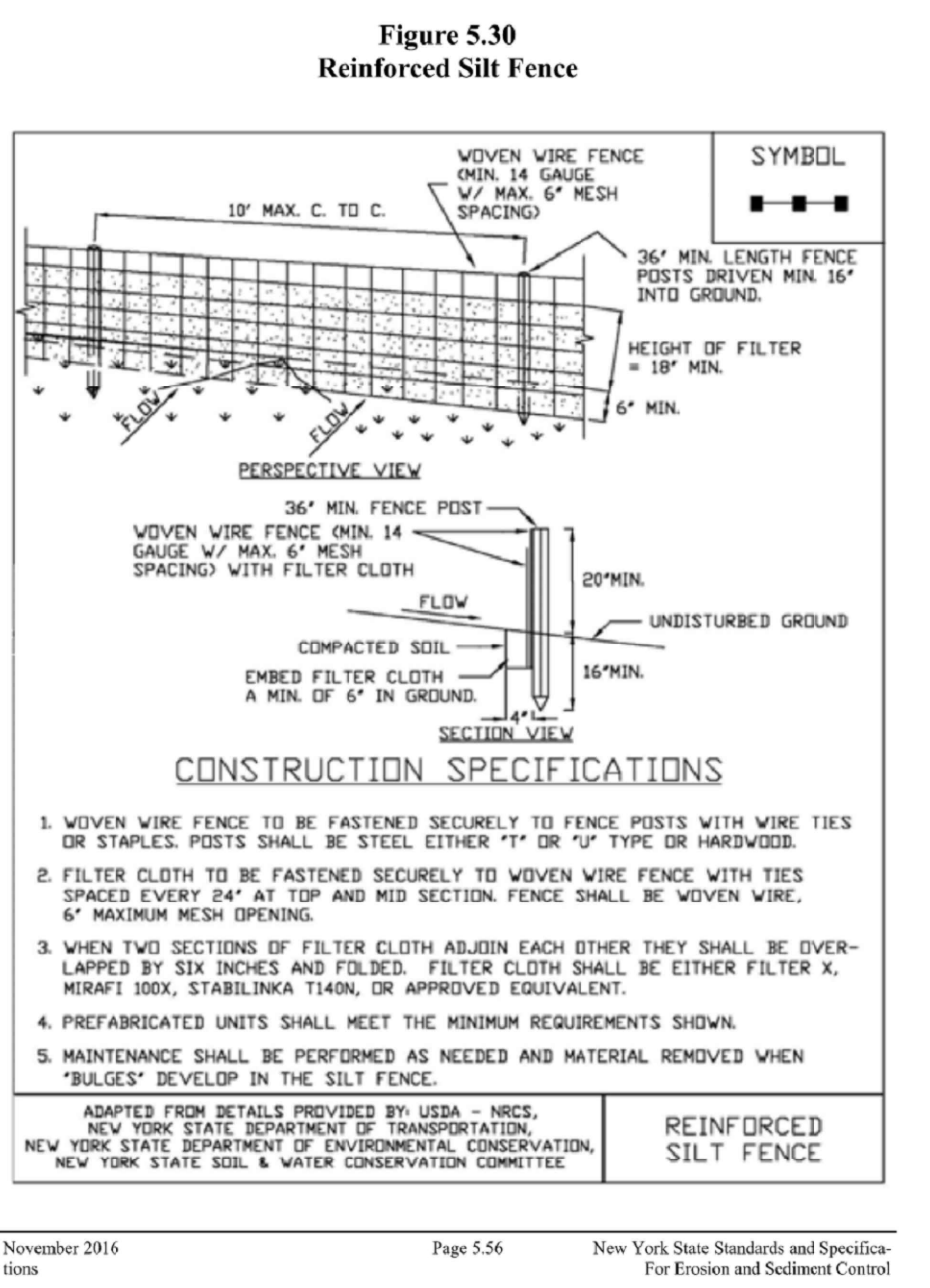
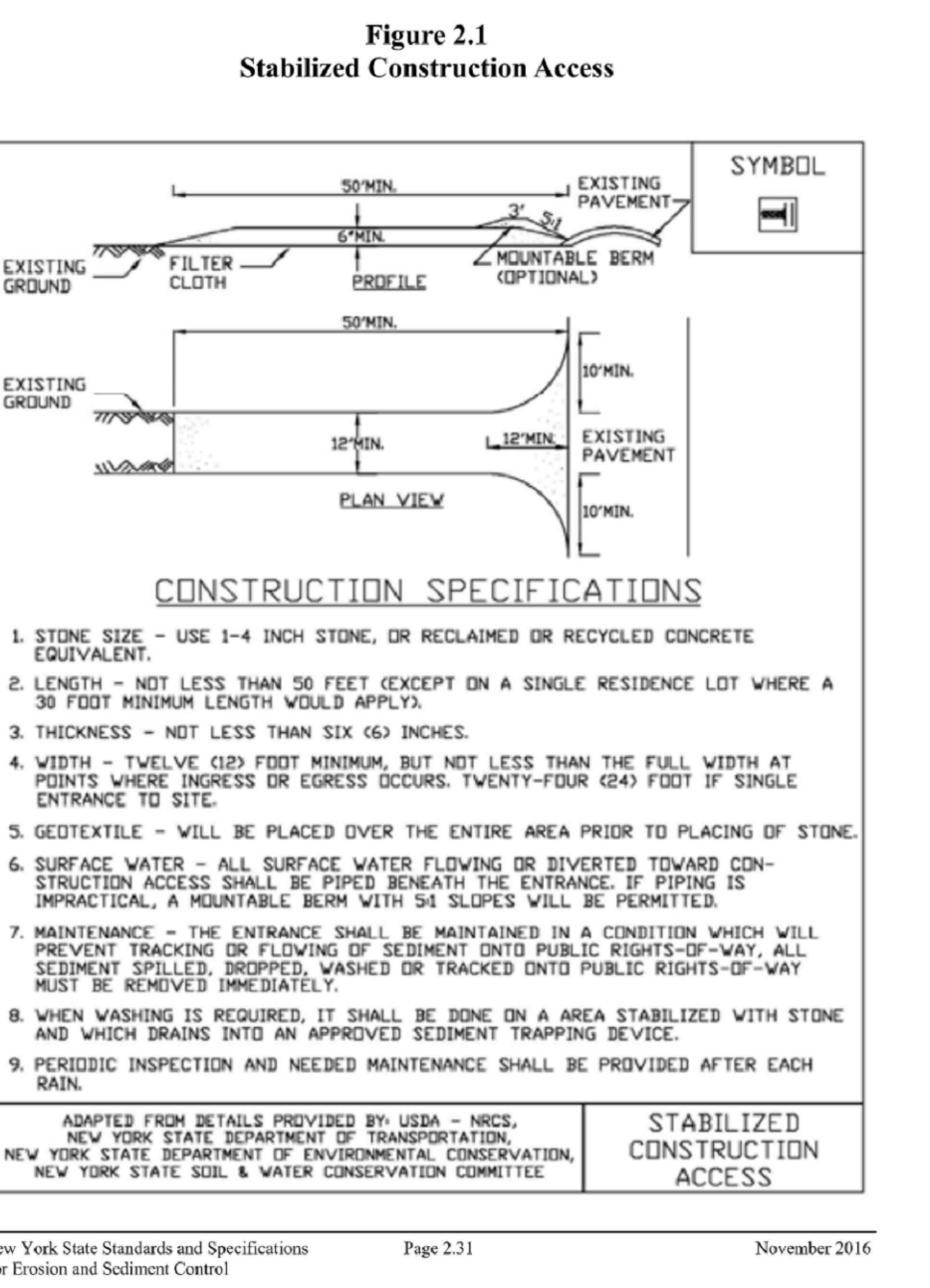
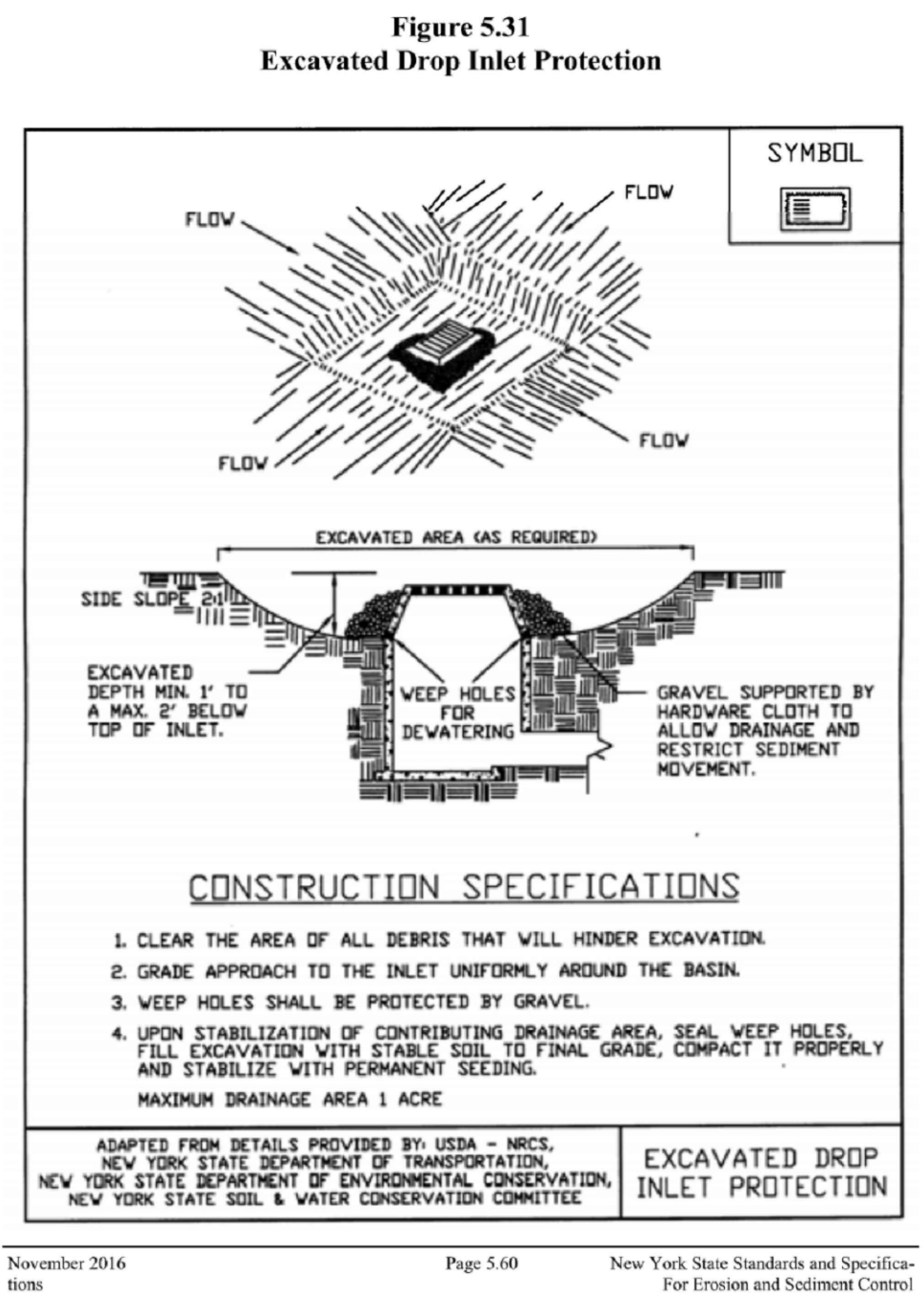
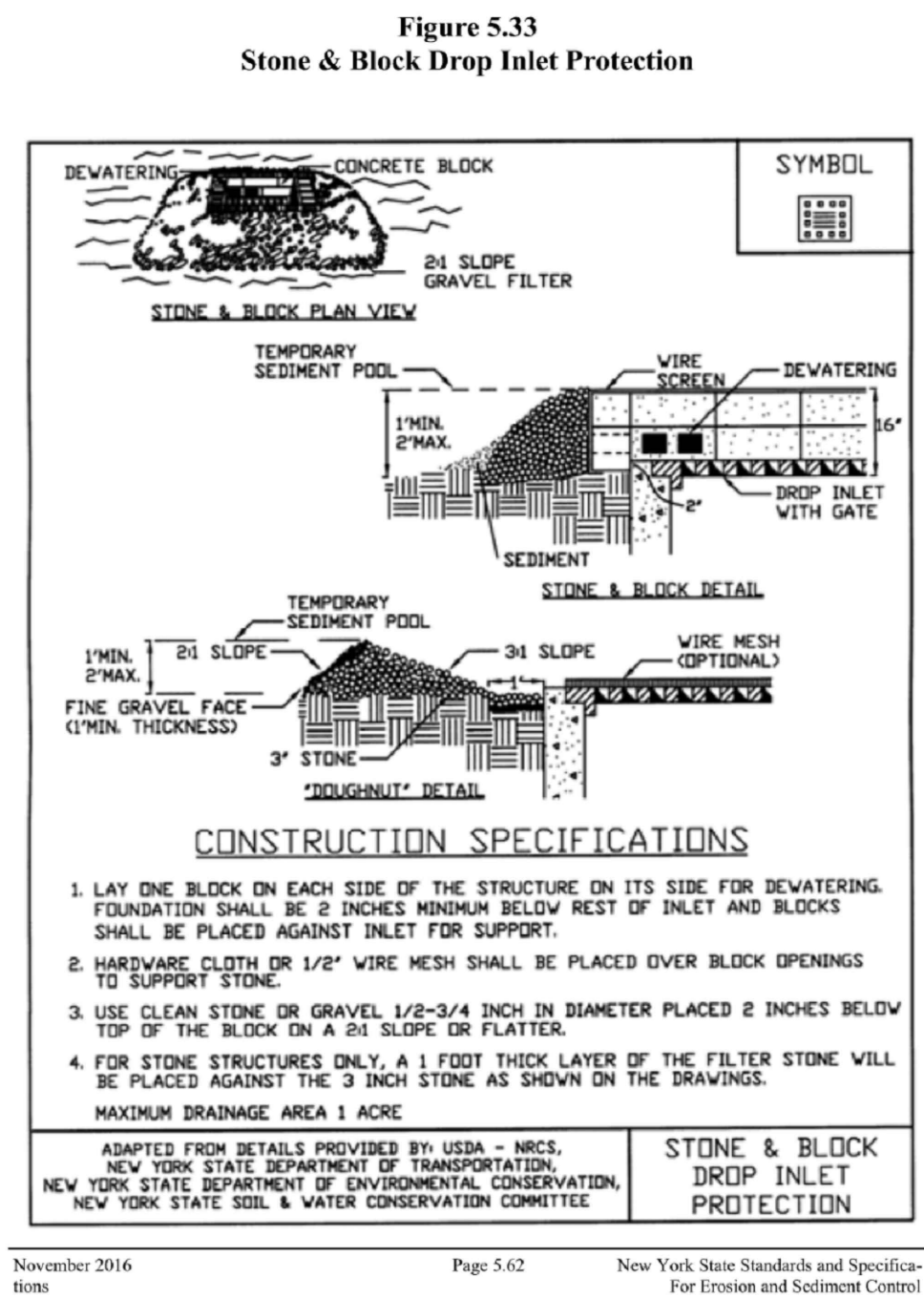
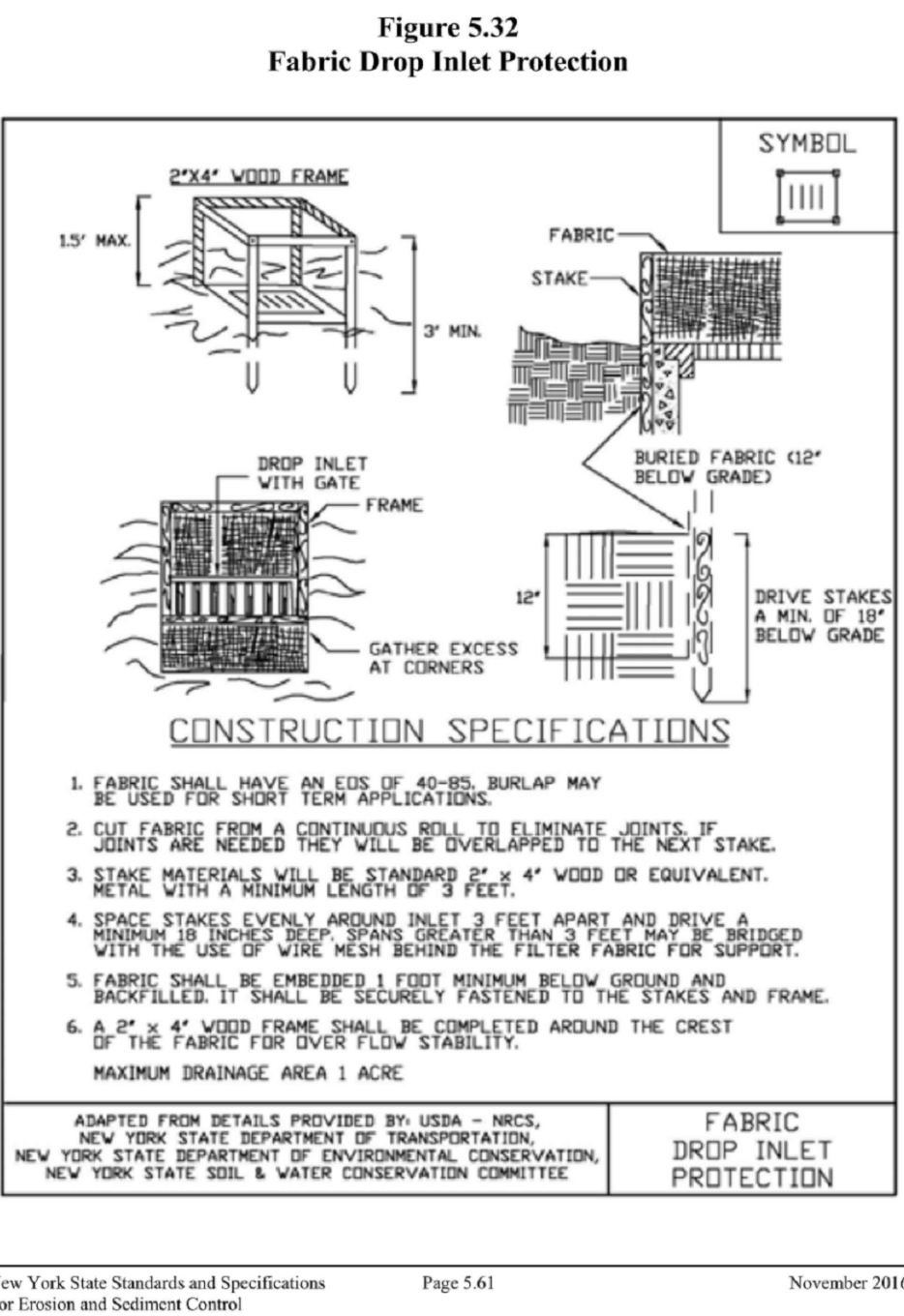
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 KEVIN P. MAHER, P.E., M.ASCE LIC. 065454 DATE

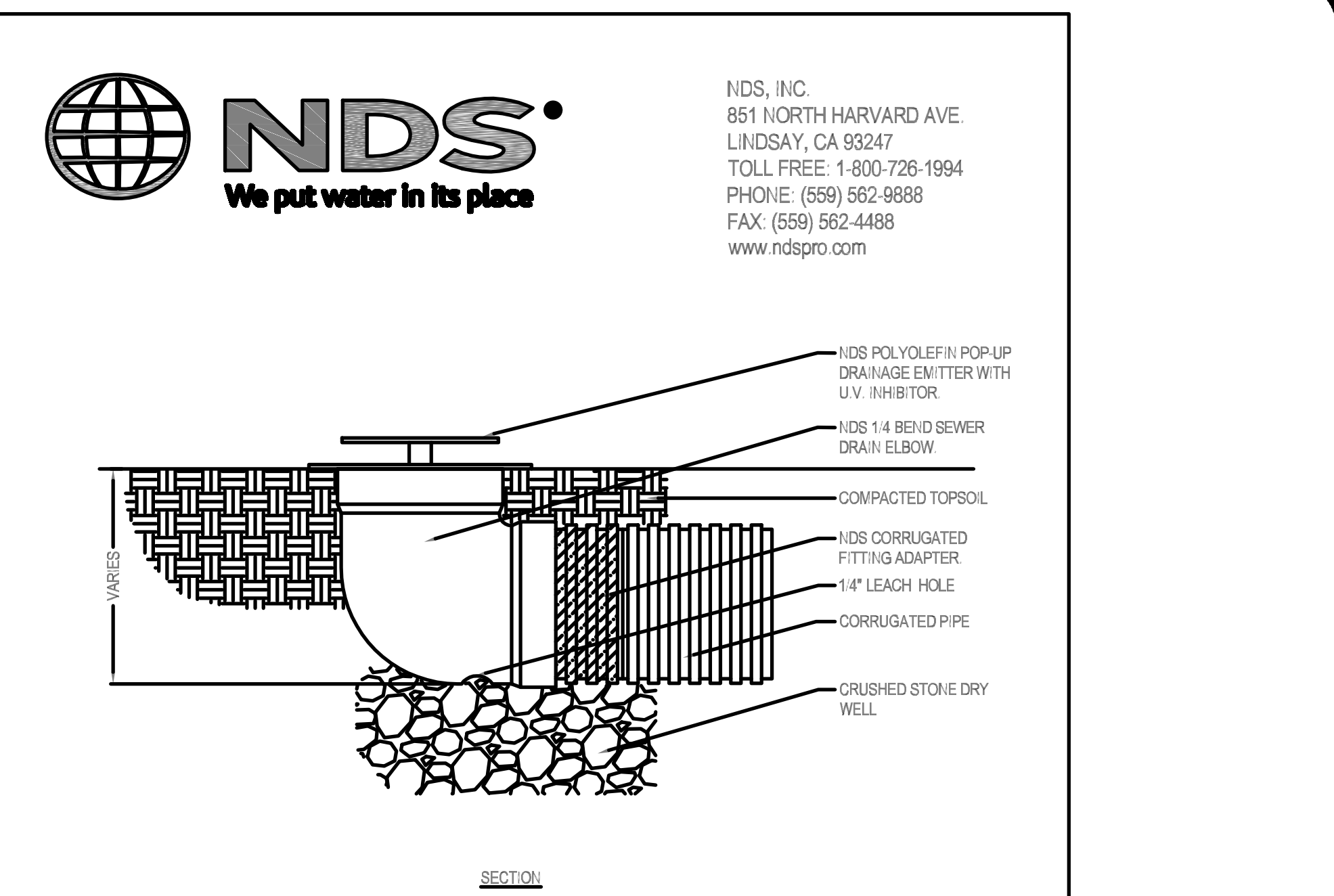
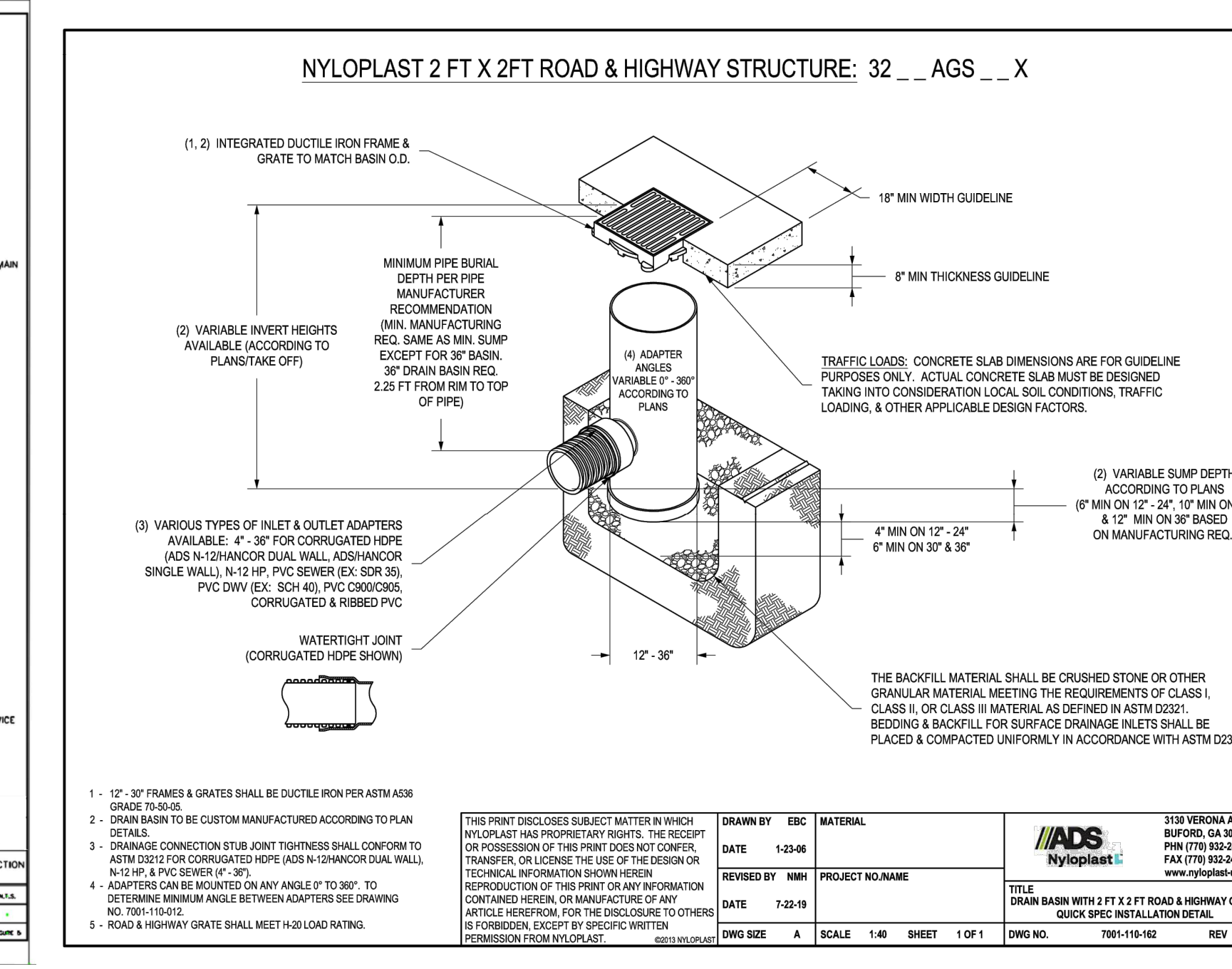
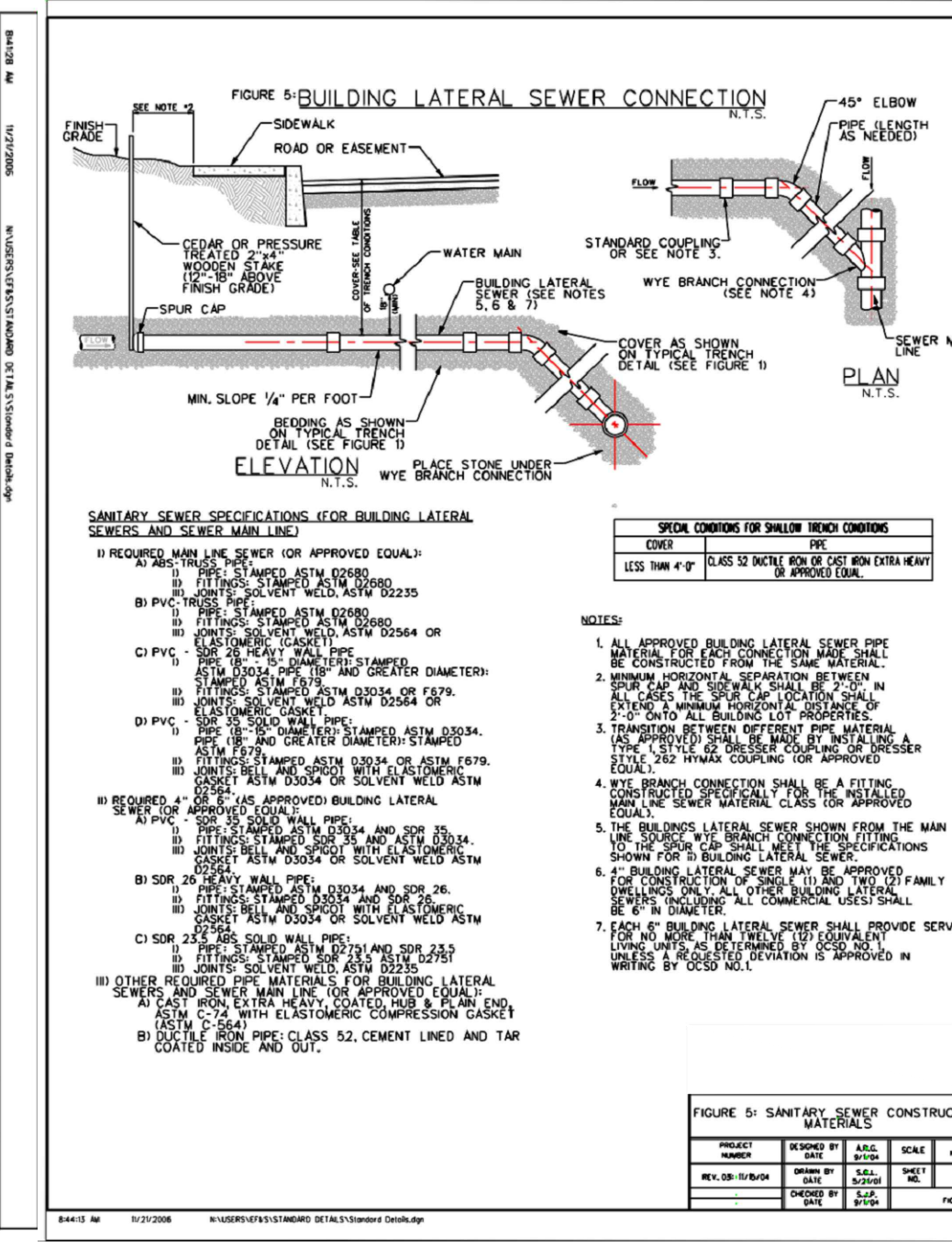
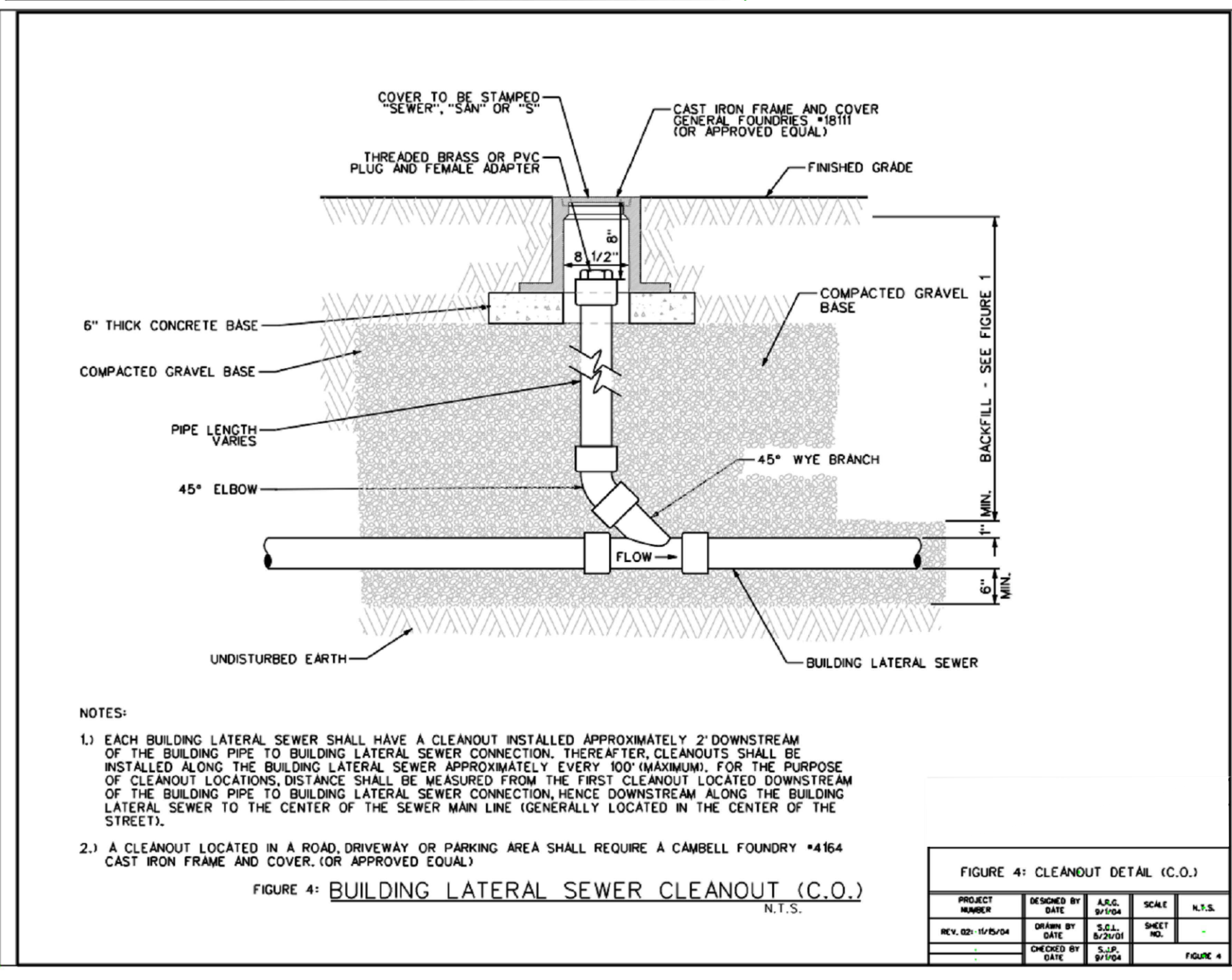
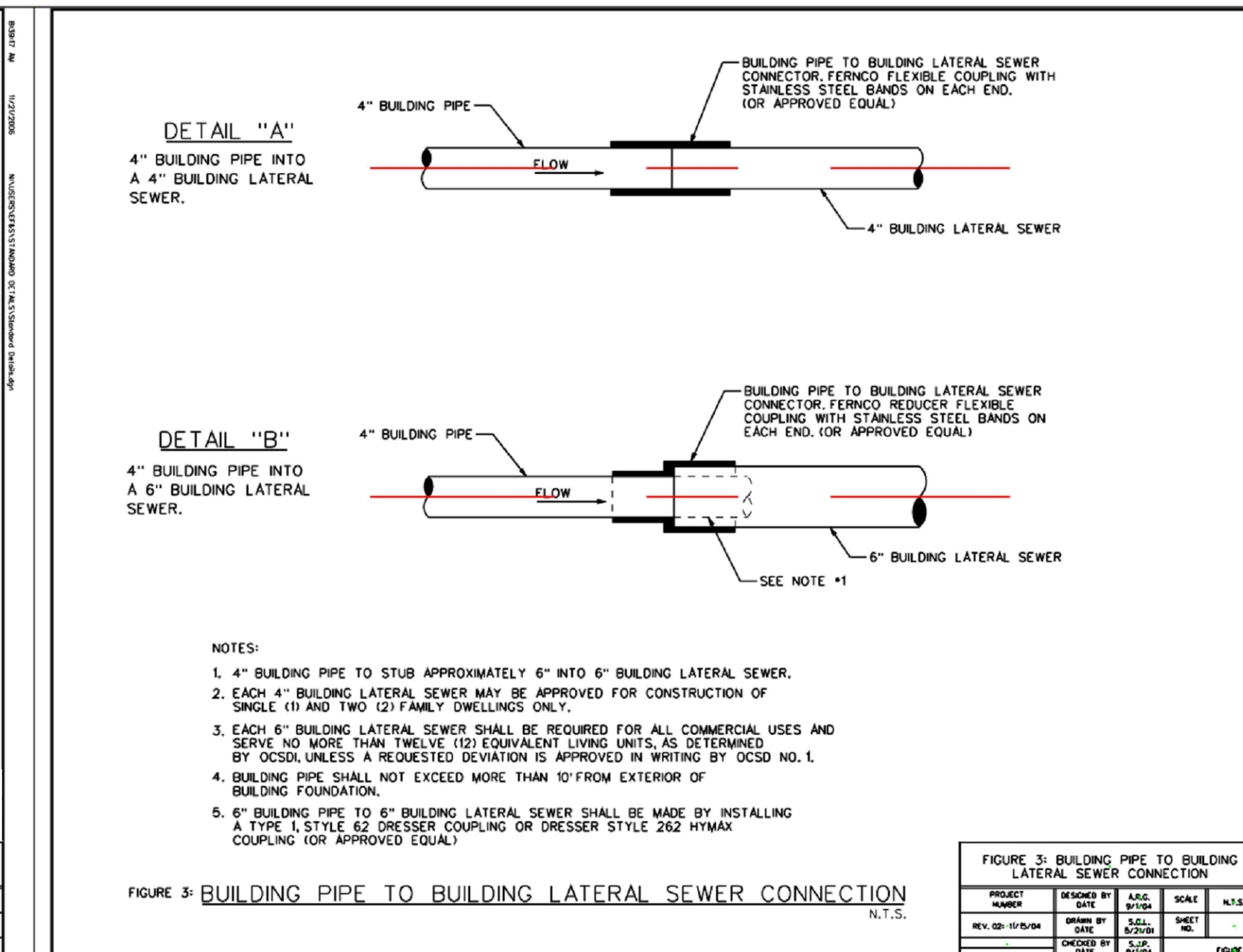
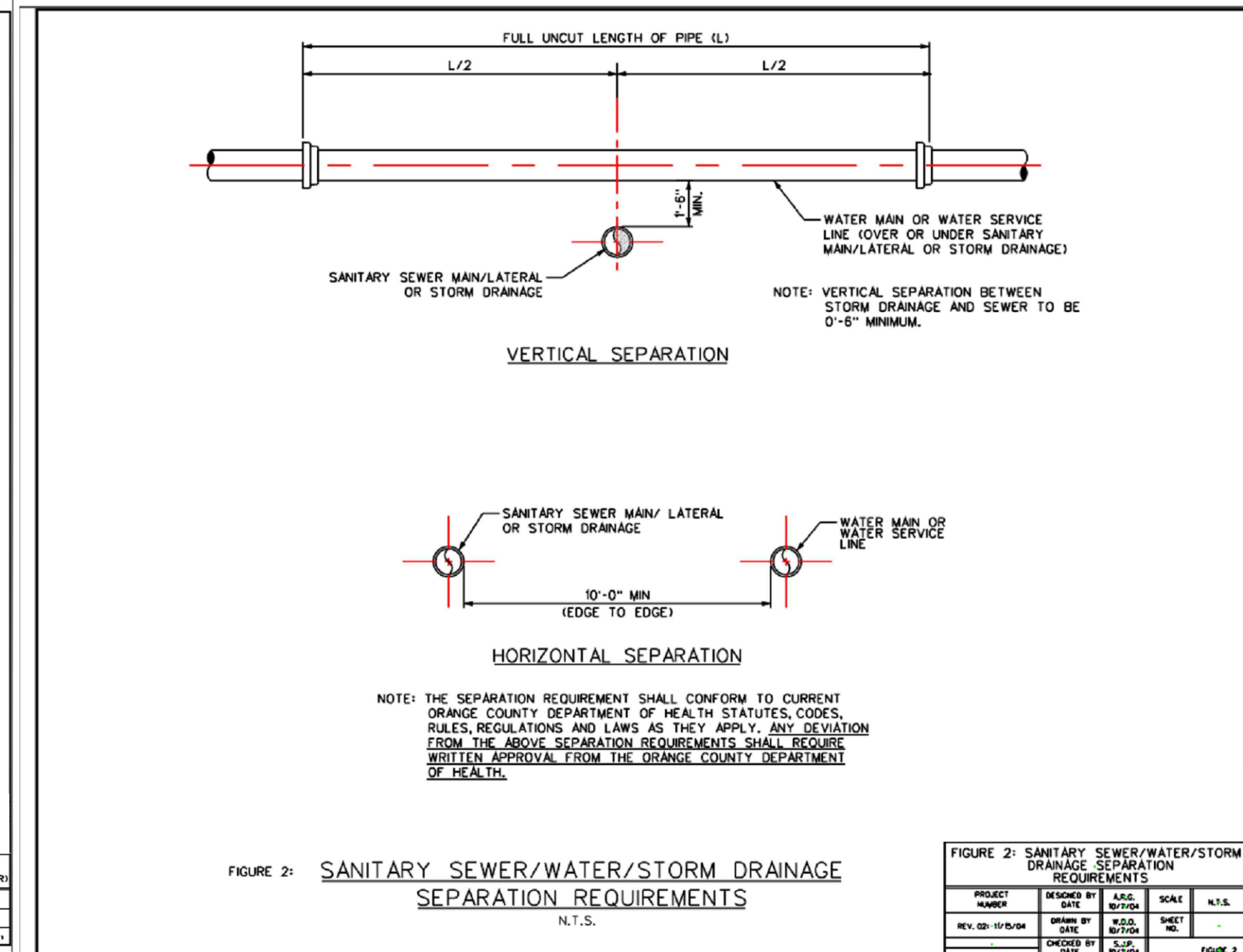
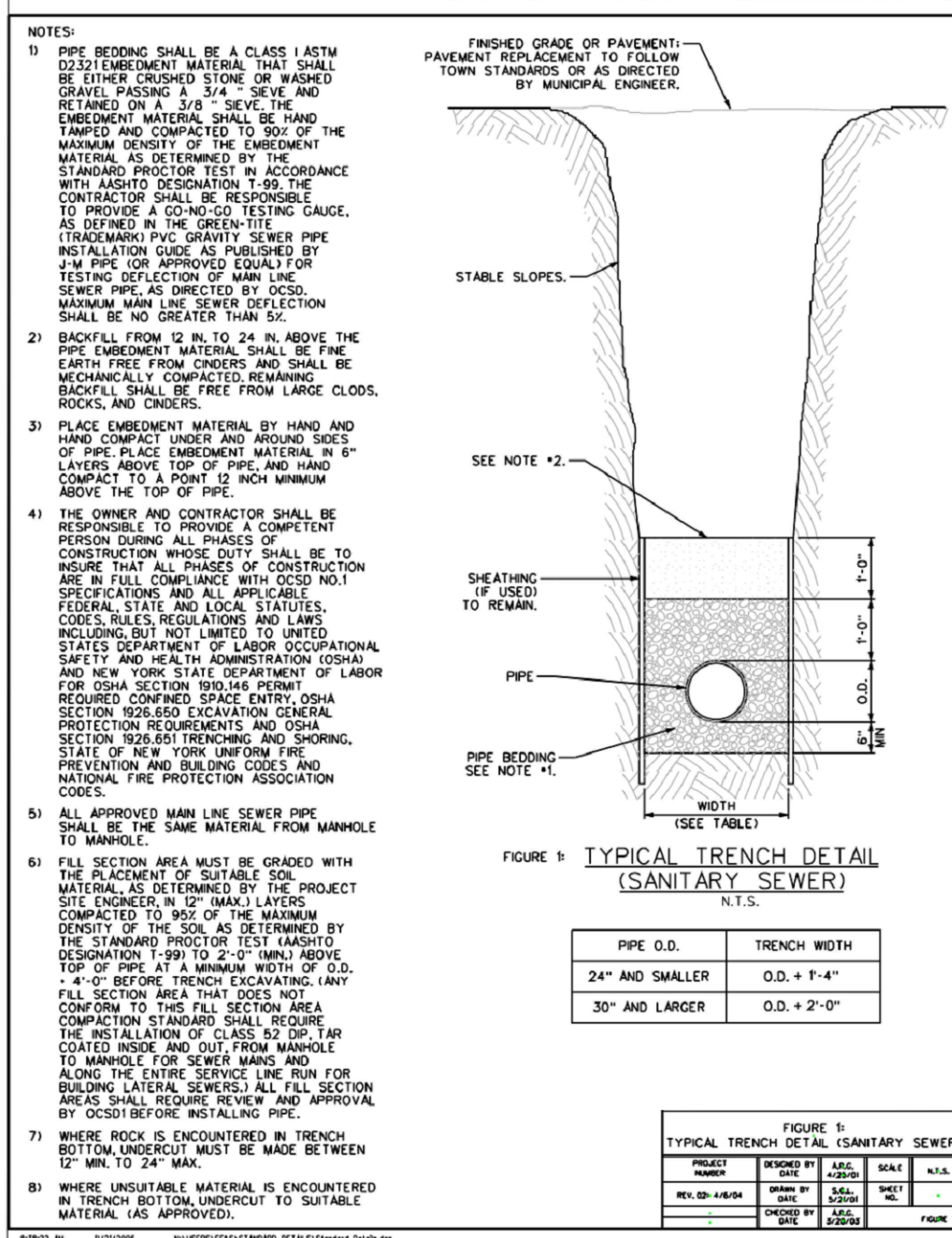
**SESC PLAN**

DESIGN BY:	DRAWN BY:	CHECKED BY:
YB	JH	KPM

**7 SEARS RD**  
 7 SEARS ROAD, VILLAGE OF SOUTH BLOOMING GROVE,  
 ORANGE COUNTY, NY 10977.  
 SBL 206-1-18

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<b>06</b> OF <b>07</b>	1"=20'	24110	2/8/2024





**12" x 12" Low Profile Adapter**

Material: Cast Iron  
Weight: 15.30 lbs  
Colors: Black (1219)  
Fit: Use with 12" catch basin series  
Grate Opening: 37.2 in<sup>2</sup> open space  
Will accommodate: 113.80 gallons per minute with 1/2" of head.

**12" x 12" SQUARE CAST IRON GRATE**

2 Open Slides  
3/8" Grate Opening

Material: Cast Iron  
Weight: 15.30 lbs  
Colors: Black (1219)  
Fit: Use with 12" catch basin series  
Grate Opening: 37.2 in<sup>2</sup> open space  
Will accommodate: 113.80 gallons per minute with 1/2" of head.

**Load Recommendation Guide**

**Class C**

- Loads of 176-205 psf.
- Recommended for heavy duty ground-level traffic and tractor trailers at speeds less than 30 mph, H-20 trucks.

**ADA Compliance**

Material (GFRP) High Impact Polypropylene  
Color: Black  
Size: 12" x 12" x 1/2" series, ductile and corrugated pipe, requires universal outlet (121243, 121245, 121246, and 121249)  
Use with 12" x 12" Grate  
Weight Per Each: 1.82 lbs.  
TV Inhibitor

PREPARED FOR

**DrawME**  
Grouping Group

NO.	REVISION	DATE	DR/CK

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DocuSigned by:

2/8/2024

KEVIN P. MAHER, P.E., M.ASCE LIC. 065454 DATE

**DETAILS SHEET**

DESIGN BY:	YB	DRAWN BY:	JH	CHECKED BY:	KPM
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**7 SEARS RD**

7 SEARS ROAD, VILLAGE OF SOUTH BLOOMING GROVE.  
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SBL 206-1-18

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<b>07</b> OF <b>07</b>	NTS	24110	2/8/2024

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