

[illegible]

CIVIL ENGINEER:



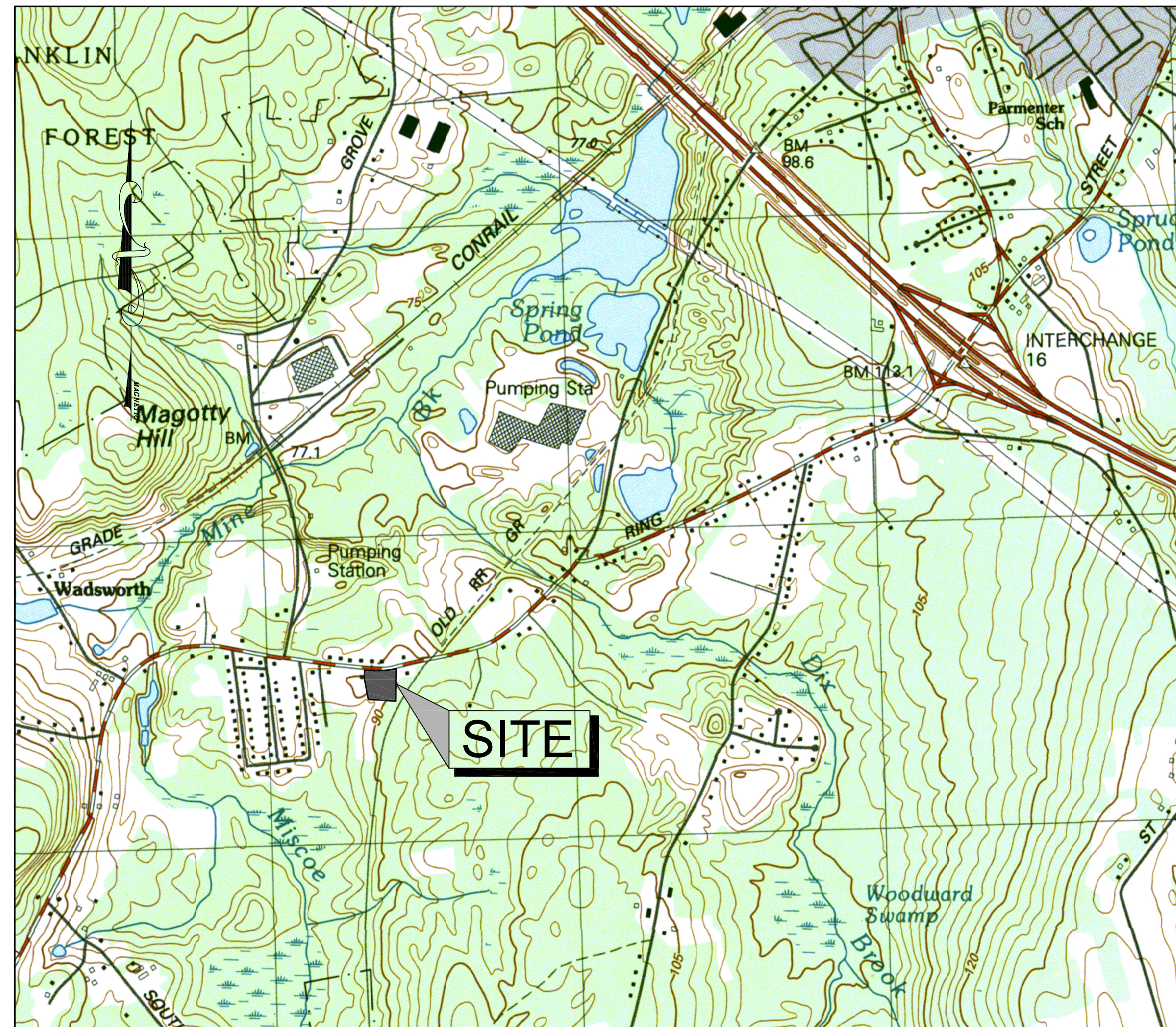
PROPERTY ADDRESS:
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

ASSESSORS MAP/PARCEL:
MAP 322 , PARCEL 030

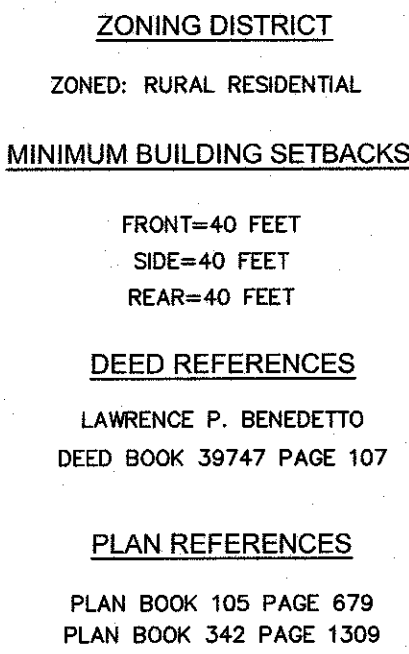
ZONING DISTRICT:
RURAL RESIDENTIAL

DRAWING LIST:

C-0.0	COVER
C-1.0	EROSION CONROL PLAN
C-2.0	LAYOUT & MATERIALS
C-3.0	GRADING & DRAINAGE
C-4.0	UTILITIES
C-5.0	TYPICAL DETAILS
C-5.1	TYPICAL DETAILS



USGS MAP
SCALE: 1" = 1,000'±





PLAN NOTES:

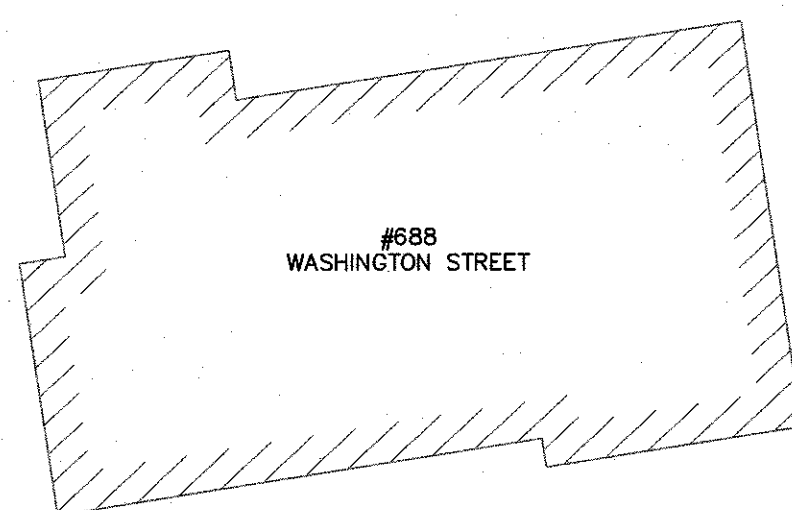
1. EXISTING CONDITIONS WERE OBTAINED BY FIELD SURVEY BY LEVEL DESIGN GROUP, LLC, ON MARCH 18, 2022. SOIL TESTING COMPLETED BY SEAN M. BARRY ON APRIL 26, 2022 AND ADAM P. HUNT ON OCTOBER 14, 2022.
2. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
4. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDDED.
5. THE SITE IS LOCATED WITHIN A ZONE II WATER RESOURCE DISTRICT.
6. THE SITE IS NOT LOCATED WITHIN A FLOOD PLAIN DISTRICT.

CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
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4. ALL EXISTING PAVEMENT, CURB, WALKS, UTILITIES, LIGHT POLES, TREES, SHRUBS, ETC., SHALL BE REMOVED FROM THE AREAS TO BE DEVELOPED. ALL SUCH ITEMS NOT WITHIN THE WORK AREA SHALL BE PROTECTED AND UNDISTURBED.
5. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDED.
6. ALL CONSTRUCTION AND CONSTRUCTION ACTIVITIES SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE TOWN OF FRANKLIN, THE COMMONWEALTH OF MASSACHUSETTS AND ANY OTHER AGENCIES HAVING JURISDICTION.
7. SITE LIGHTING WILL BE PROVIDED BY RESIDENTIAL FIXTURES OFF THE BUILDINGS. NO LIGHT POLES WILL BE USED.
8. MATERIAL TO BE EXPORTED FROM THE SITE WILL BE LIMITED TO TOPSOIL IN AREAS TO BE PAVED AND ANY DELETERIOUS MATERIAL ENCOUNTERED DURING EXCAVATION. MATERIAL TO BE EXPORTED WILL BE LIMITED TO GRAVEL BASE AND SEPTIC AGGREGATE.

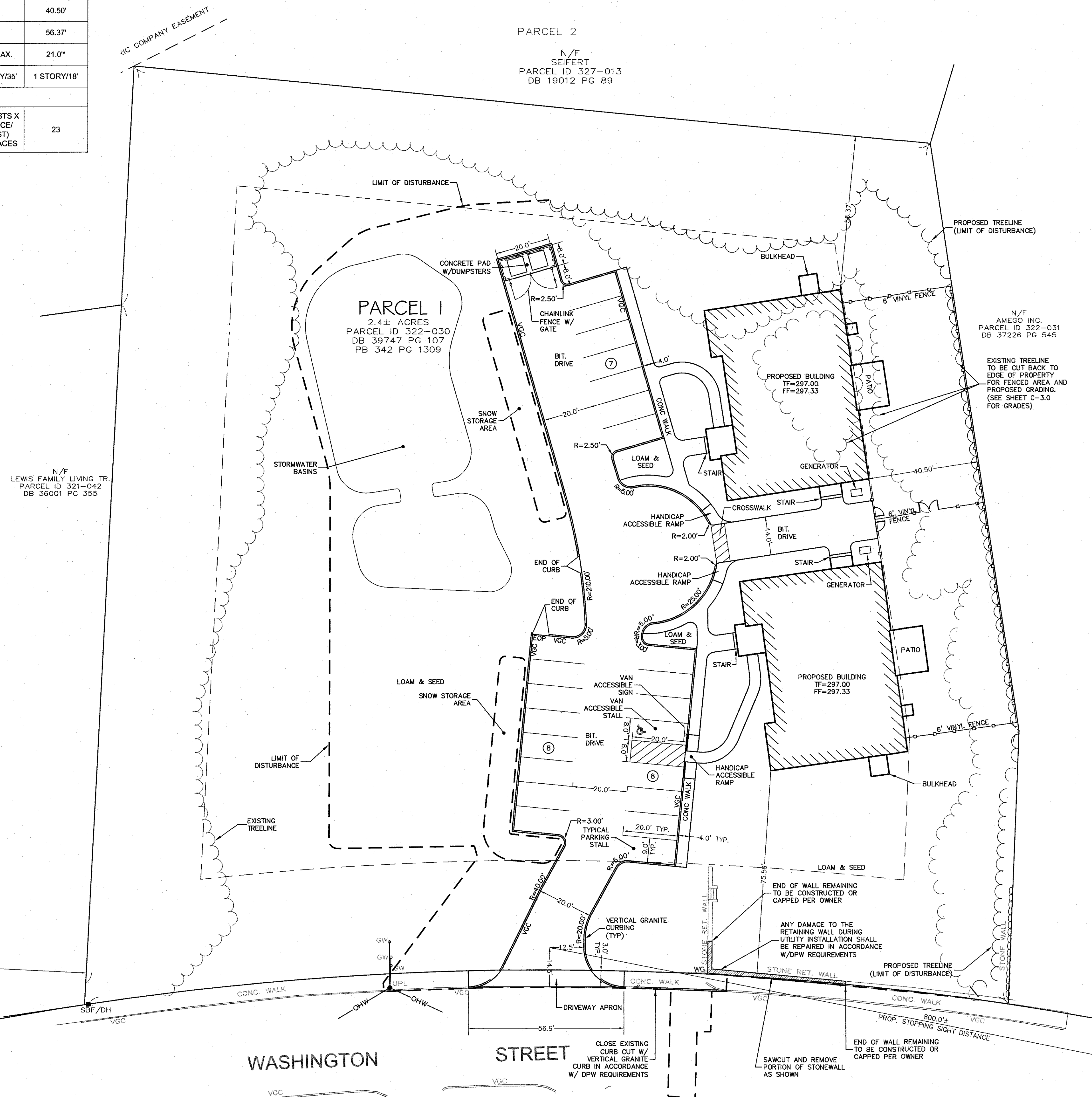
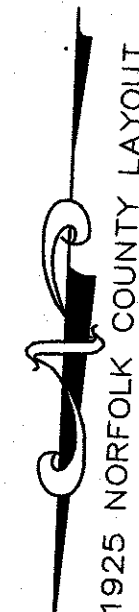
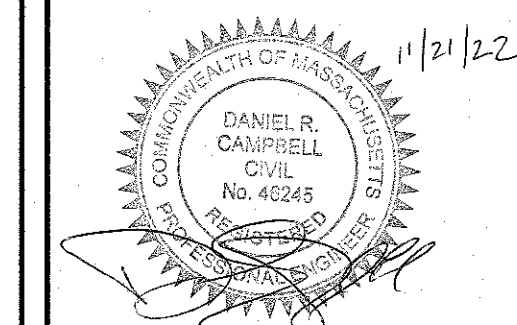
SITE PLAN NOTES:

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ZONING REQUIREMENTS		
ZONING DISTRICT: RURAL RESIDENTIAL 1 (GROUNDWATER PROTECTION OVERLAY DISTRICT)		
	REQUIRED	PROVIDED
MIN. LOT AREA	40,000 S.F.	102,856 S.F.
FRONTAGE	200'	338.34'
FRONT YARD SETBACK	40'	75.59'
SIDE YARD SETBACK	40'	40.50'
REAR YARD SETBACK	40'	56.37'
LOT COVERAGE	15% MAX.	21.0**
MAX. BUILDING HEIGHT	3 STORY/35'	1 STORY/18'
PARKING REQUIREMENTS		
USE: <u>GROUP HOME</u> - GUEST HOUSES, LODGING HOUSES AND OTHER GROUP ACCOMMODATIONS: ONE SPACE PER GUEST UNIT.	20 GUESTS X (1 SPACE/ GUEST) =20 SPACES	23

* PROPERTY IS EXEMPT FROM REQUIREMENT PER DOVER AMENDMENT.

[illegible]

DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	H - 1" = 20', V - 1" = 4'

AMEGO

SITE PLAN
MAP SHEET 322, PARCEL 030
7704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

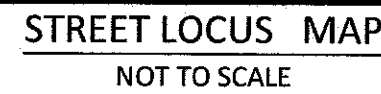
LEVEL
DESIGN GROUP
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

LAYOUT & MATERIALS

C-2.0

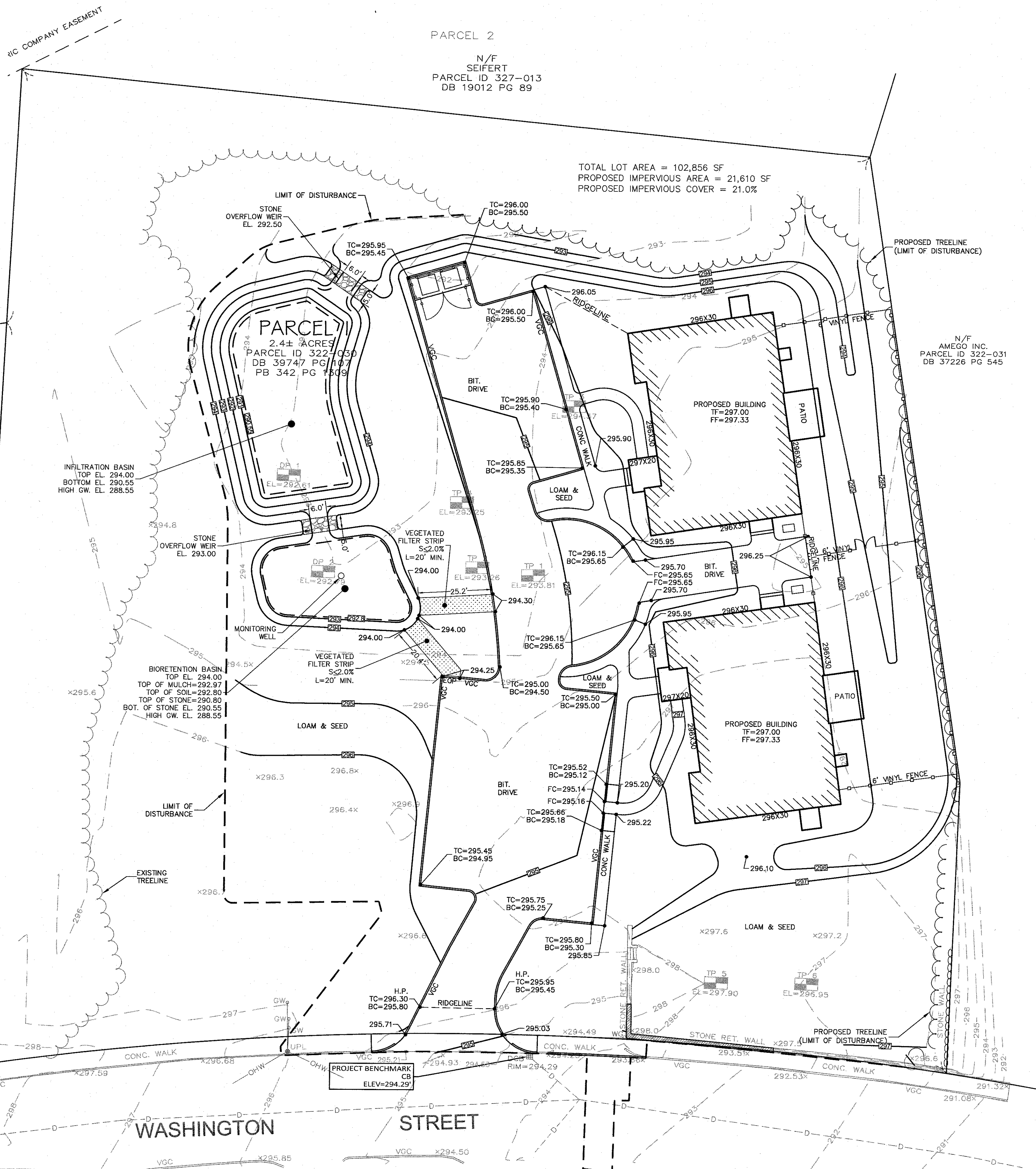
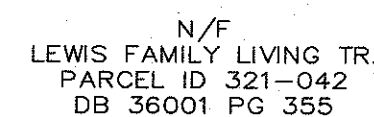
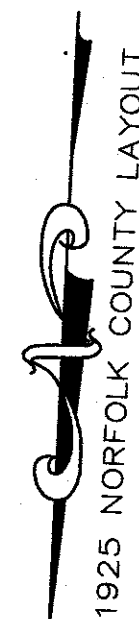
0' 10' 20' 40'

2013.00

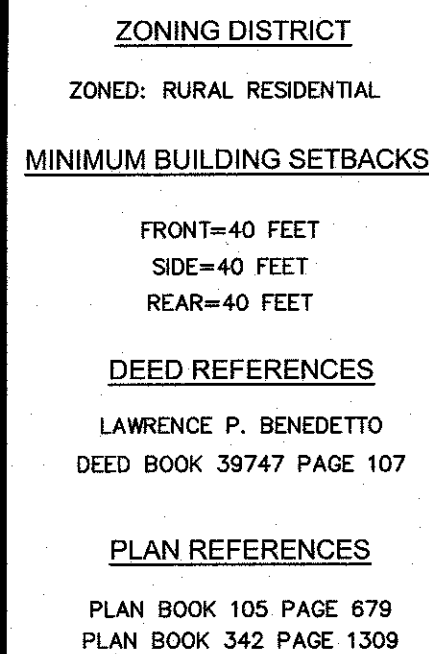


PLAN BOOK 105 PAGE 679
PLAN BOOK 342 PAGE 1309

DEEP OBSERVATION HOLE LOG						
DEEP HOLE NO.:DP-2		DATE: APRIL 26, 2022	GRID	ELL: 292.80° PERFORMED BY: SEAN M. BARRY, SE#14412		
DEPTH FROM SURFACE (IN.)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL REDOX	OTHER (STRUCTURE, CONSISTENCY, SOIL CATEGORY)	
0-22	0 / A	SANDY LOAM	10YR 3/2	-	-	
22-38	B _w	SANDY LOAM	10YR 5/4	-	-	
38-58	C1	GRAVELY SAND	10YR 5/6	51"	-	
58-85	C2	M-C. SAND	10YR 5/6	-	-	
85-121	C3	FINE SAND	2.5Y 6/2	-	VERY FINE COMPACT SAND	
MEAN ANNUAL HIGH GROUND WATER ESTIMATED TO BE AT EL = 288.55'						



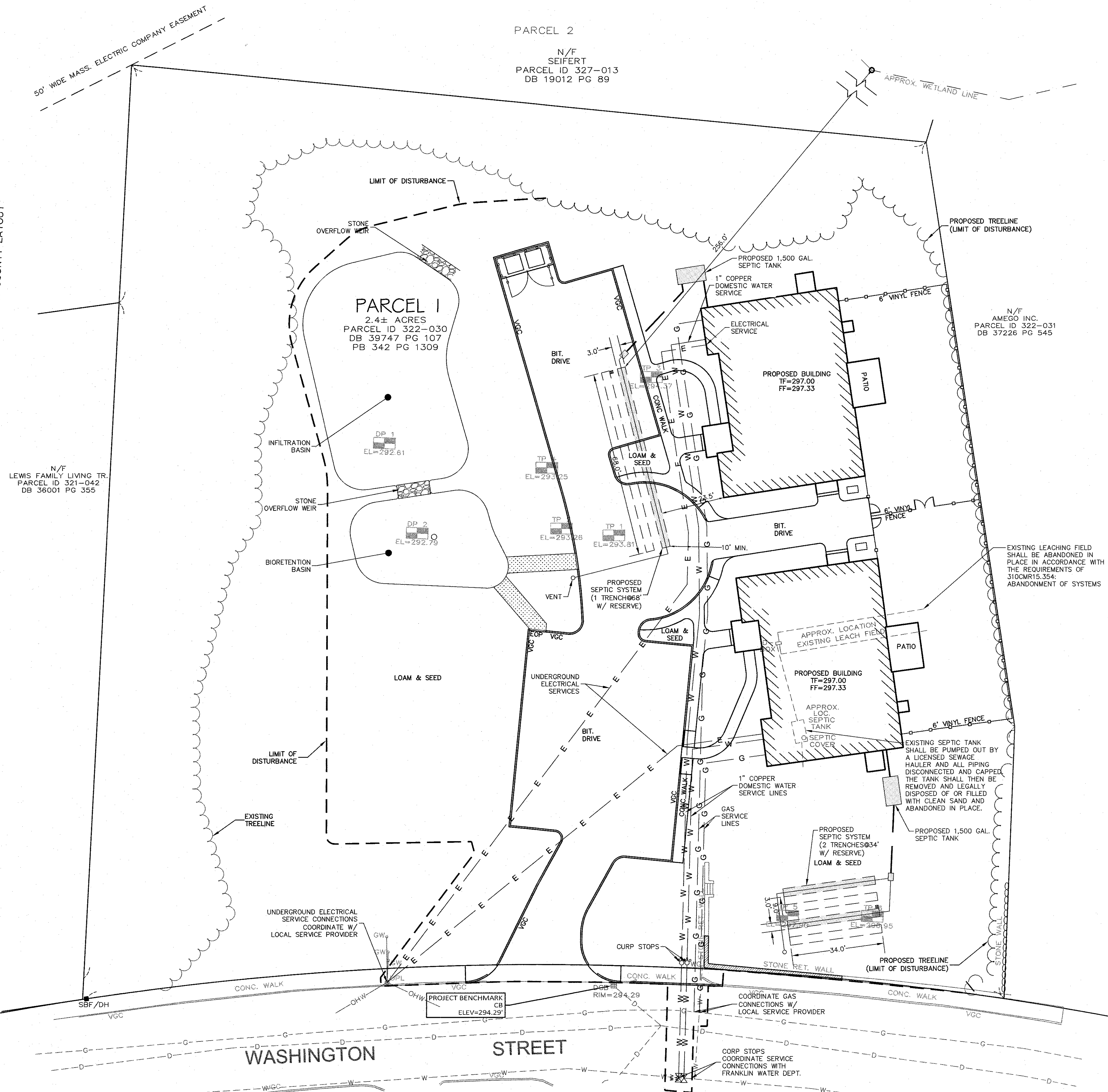
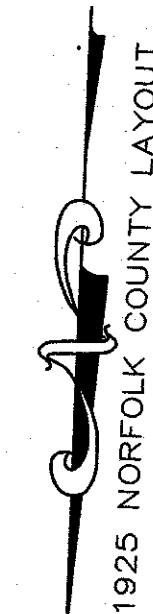
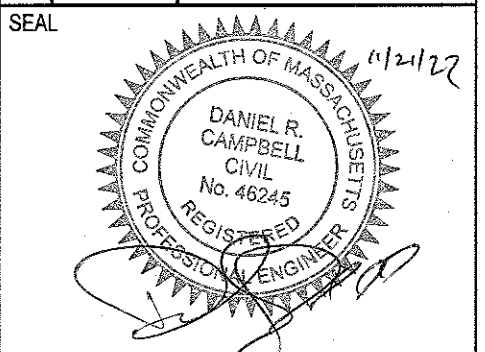
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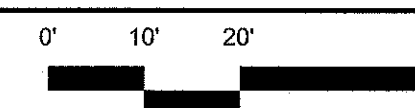
DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	H - 1" = 20' , V - 1"=4'

AMEGO
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FRANKLIN, MASSACHUSETTS

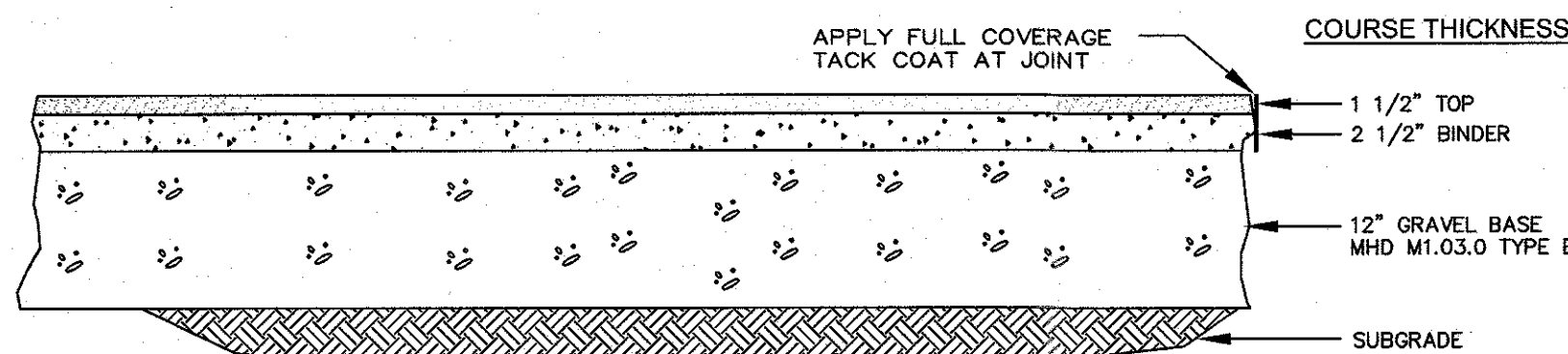
LEVEL

DESIGN GROUP
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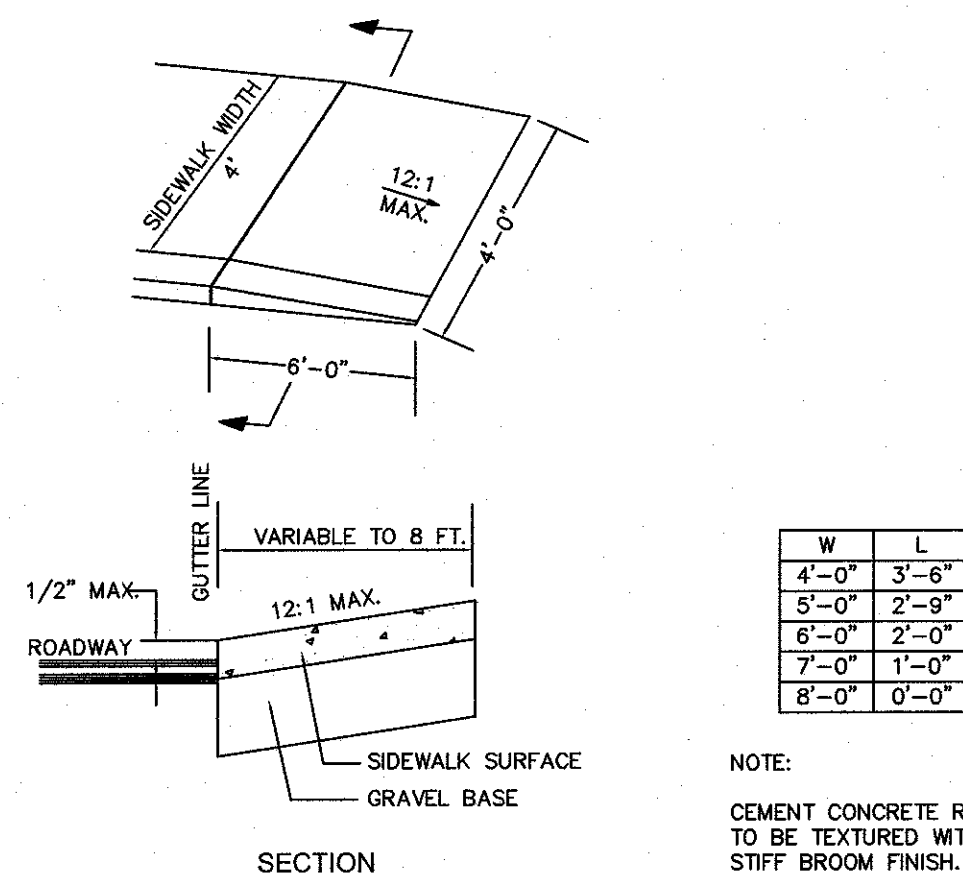
C-4.0



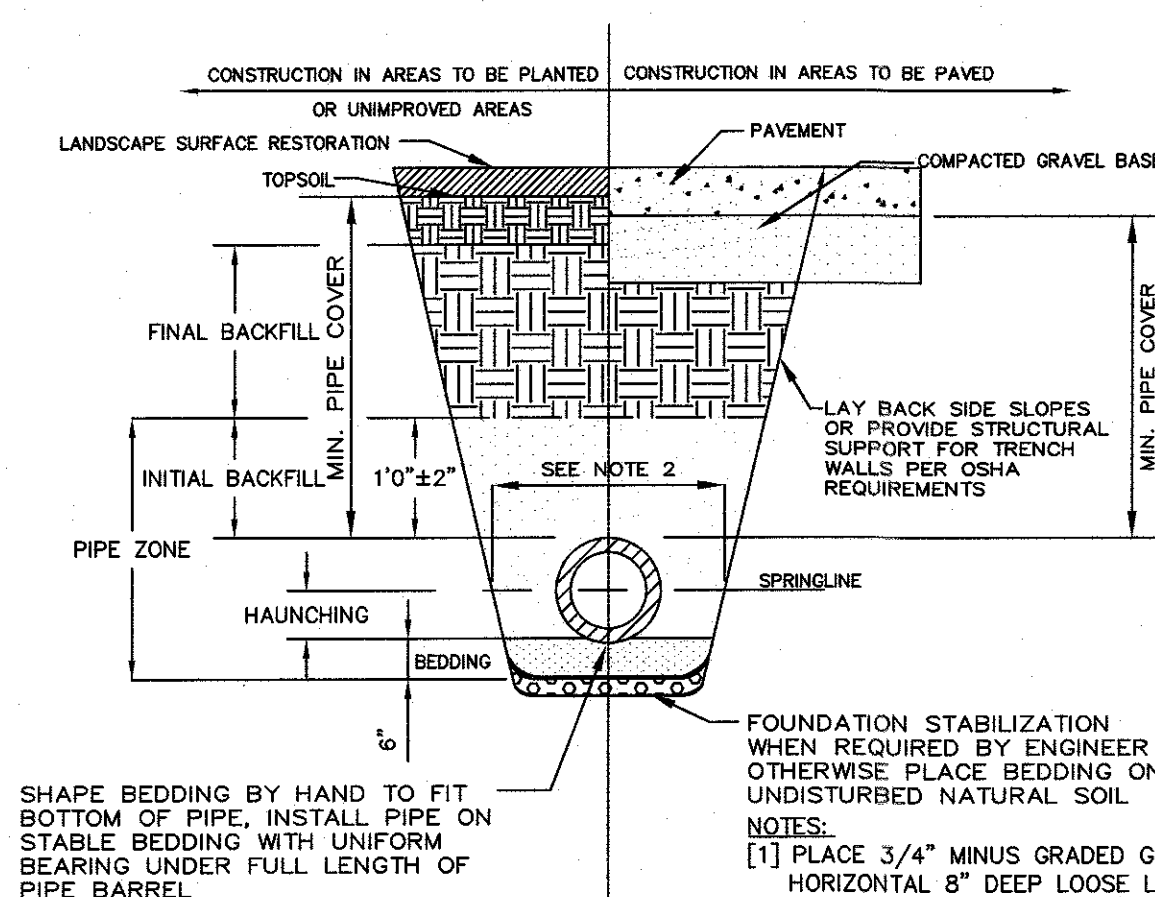
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AUTOMOTIVE AREAS - BITUMINOUS CONCRETE PAVEMENT
NOT TO SCALE



WHEEL CHAIR RAMP
NOT TO SCALE

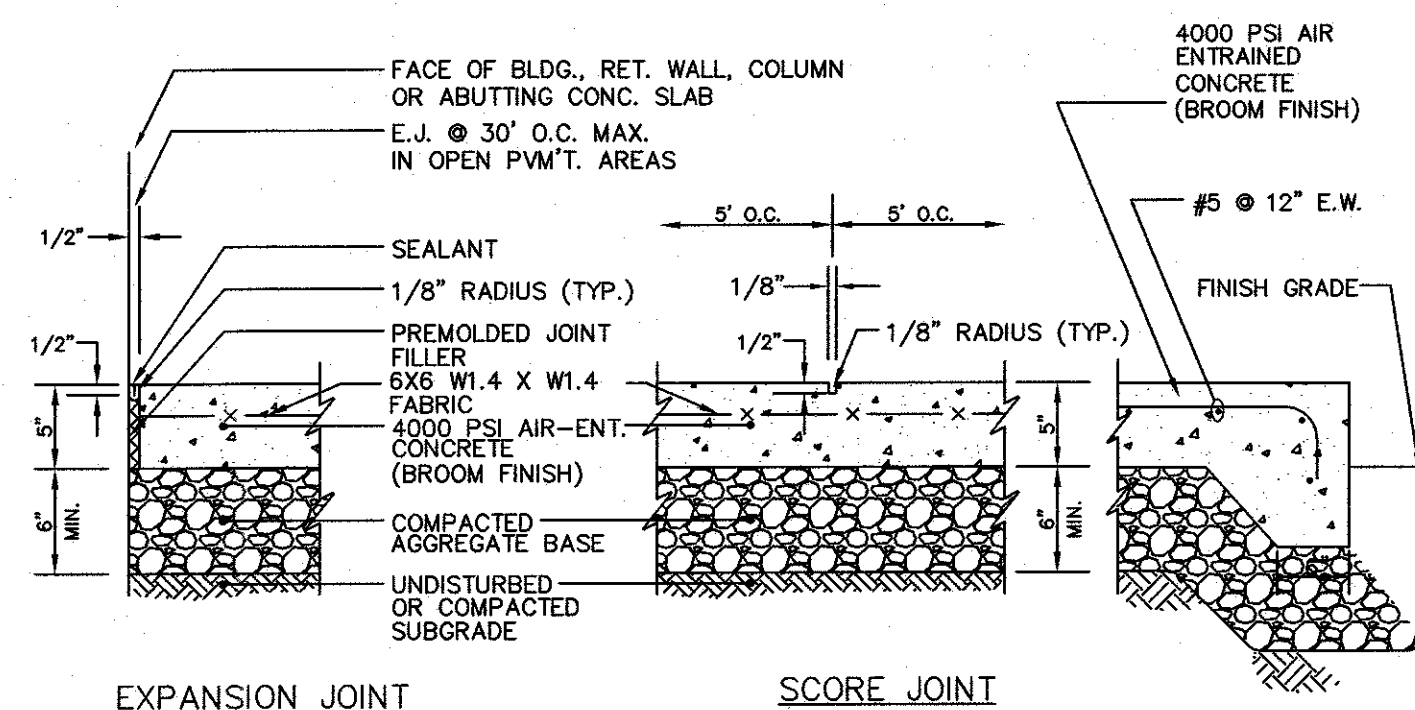


FOUNDATION, BEDDING AND BACKFILL MATERIALS		
PIPE MATERIAL	HDP, PVC	RC, DI
FOUNDATION STABILIZATION	NOTE [6]	[6]
BEDDING	[1]	[1]
HAUNCHING	[1]	[1]
INITIAL BACKFILL	[4]	[4]
MIN. PIPE COVER	[5]	[5]

UTILITY TRENCH
NOT TO SCALE

PIPE ID	WIDTH
LESS THAN 21"	O.D. + 12"
21" TO 42"	O.D. + 24"
GREATER THAN 42"	O.D. + 30"

[6] FOR FOUNDATION STABILIZATION, USE 2" MINUS CRUSHED STONE

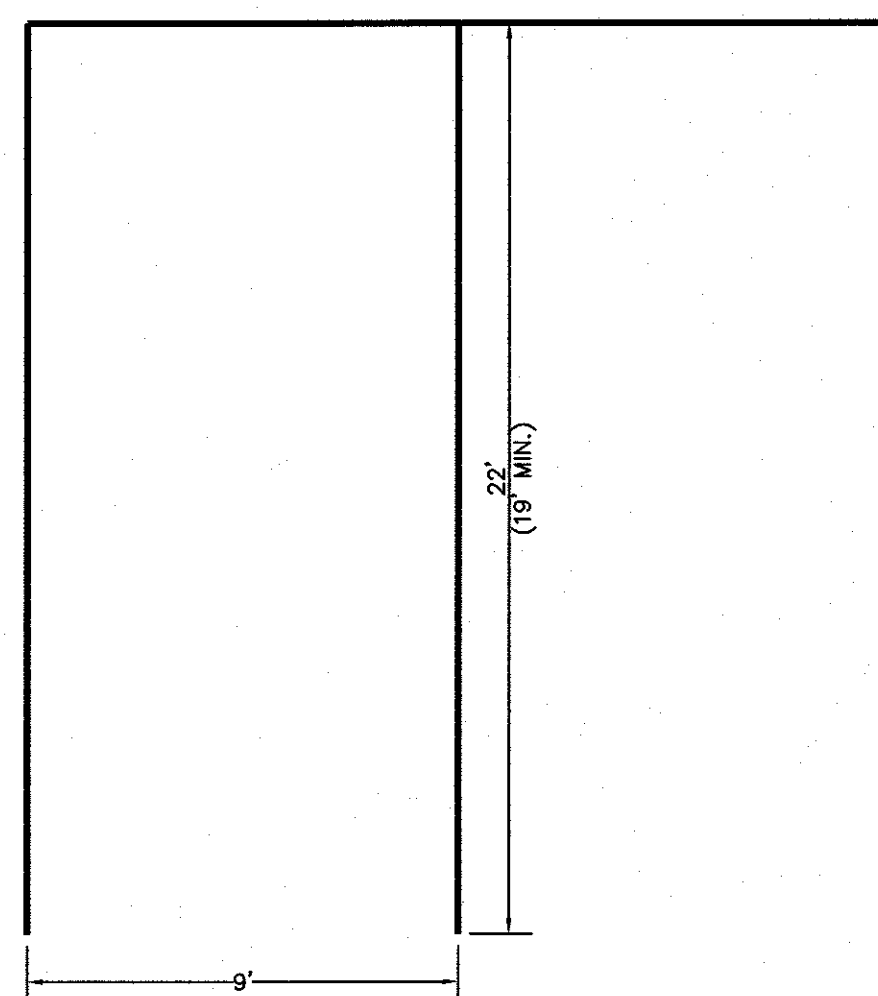


EXPANSION JOINT

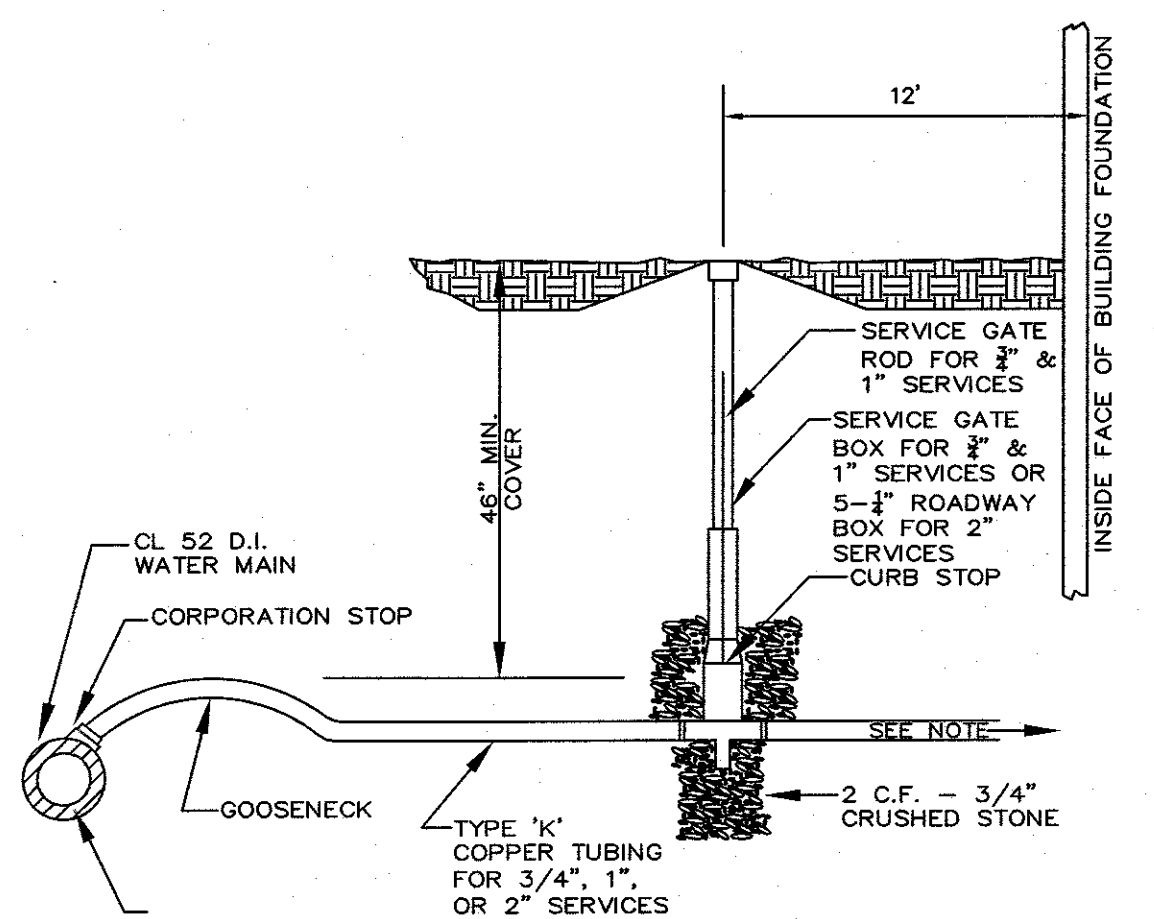
1. MAXIMUM CROSS SLOPE = 2%
2. MAXIMUM GRADIENT = 5%
3. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING SLABS AND STRUCTURES.
4. PROVIDE VERTICAL GRANITE OR PRECAST CONCRETE CURBING PER SHEET C5.

SCORE JOINT

CONCRETE SIDEWALK
NOT TO SCALE

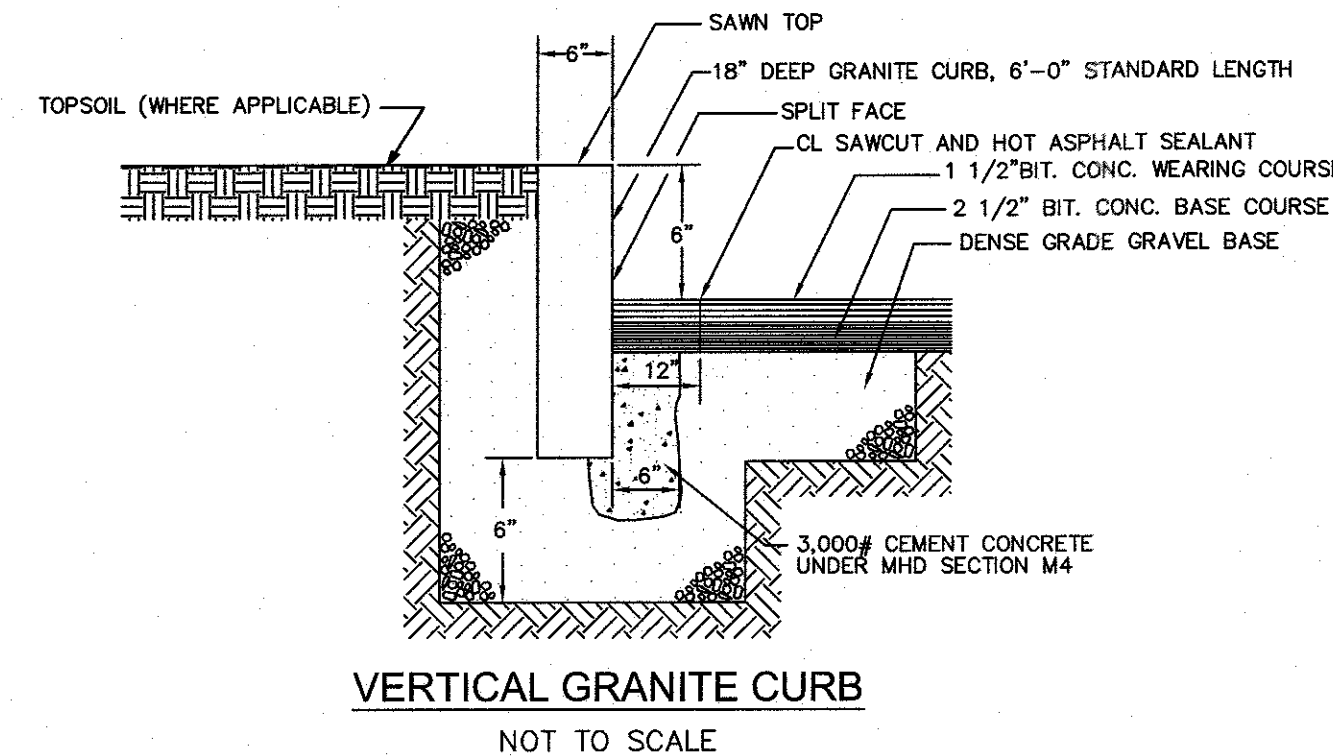


PARKING STALL
NOT TO SCALE

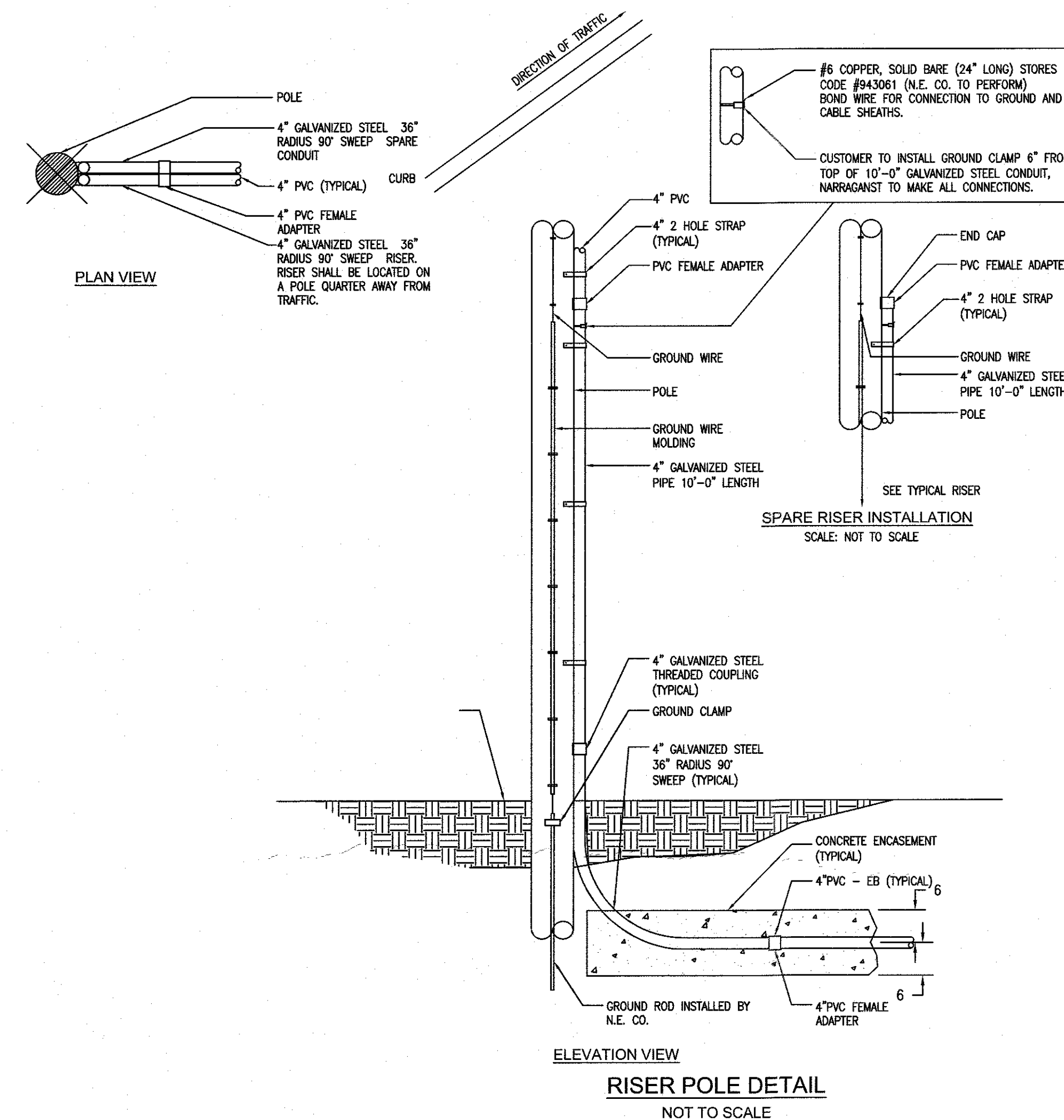


NOTE: MATERIAL FOR HOMEOWNERS' SERVICE LINE MAY EITHER BE TYPE K COPPER OR COPPER PIPE SIZE POLYETHYLENE TUBING TYPE 3408, 200 PSI MEETING ASTM SPECIFICATIONS FOR D3350.

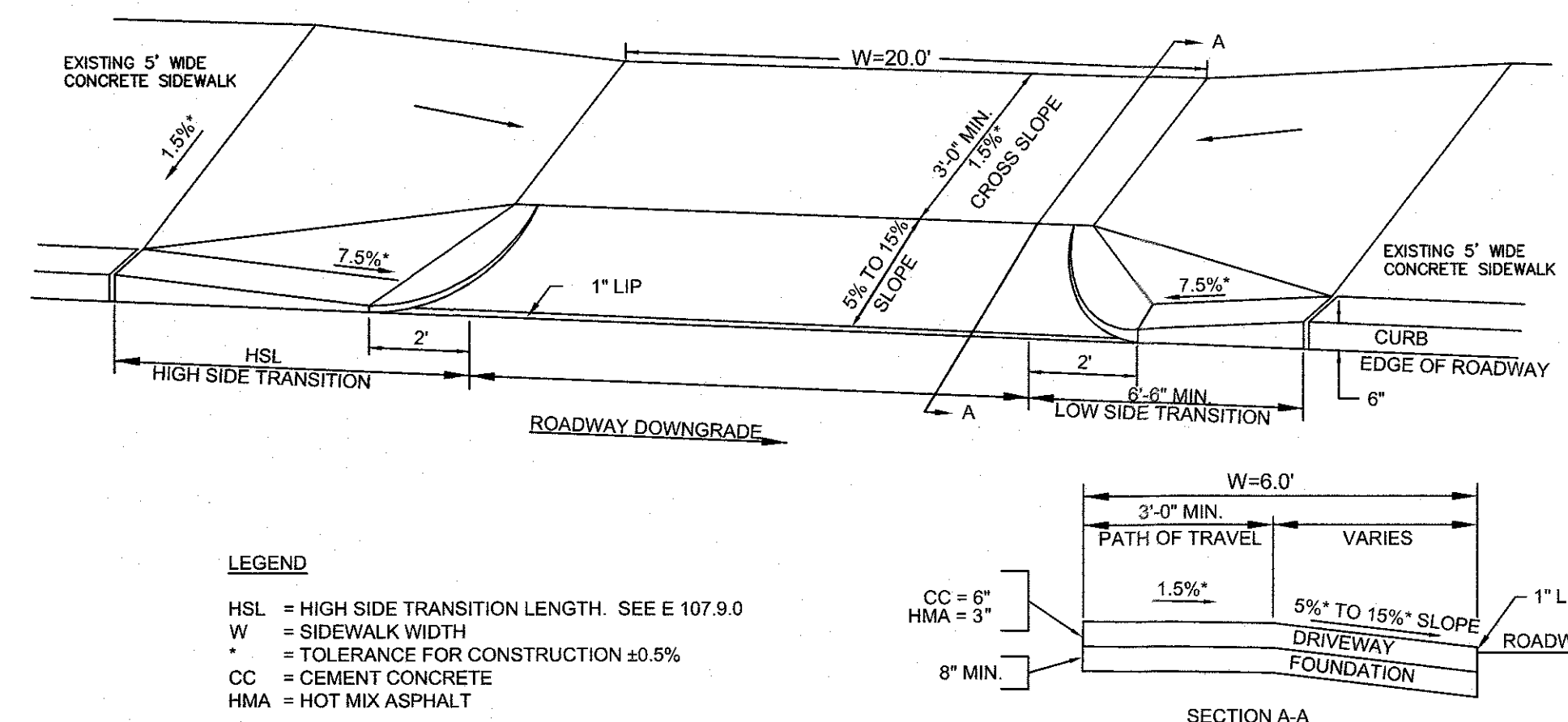
WATER SERVICE
NOT TO SCALE



VERTICAL GRANITE CURB
NOT TO SCALE



RISER POLE DETAIL
NOT TO SCALE

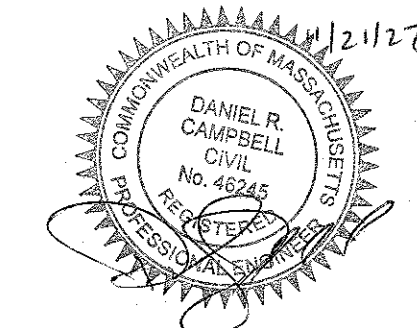


LEGEND

HSL = HIGH SIDE TRANSITION LENGTH. SEE E 107.9.0
W = SIDEWALK WIDTH
* = TOLERANCE FOR CONSTRUCTION ±0.5%
CC = CEMENT CONCRETE
HMA = HOT MIX ASPHALT

SIDEWALK TRANSITION THROUGH DRIVEWAY APRON
NOT TO SCALE

NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-6-22	REVISED LAYOUT
3	10-31-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

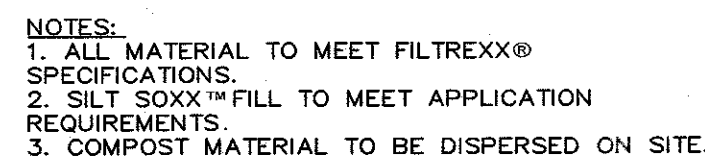
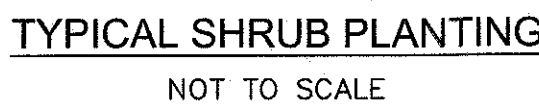
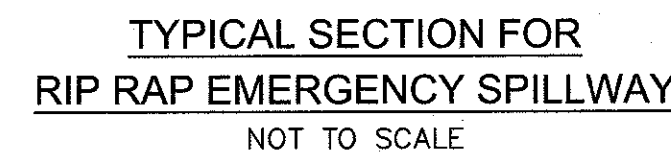


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DRAWN: APH/DRG
SCALE: N.T.S.

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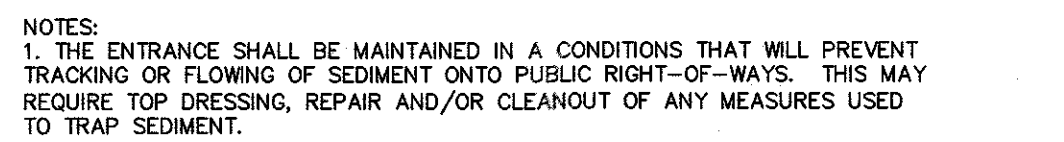
TYPICAL DETAILS
C-5.0
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INSTALLATION: THE EMPTY DANDY BAG, OR APPROVED EQUAL, SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL AIR ABSORBENTS: PLACE ABSORBENT PILLOW IN POUCH, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS; REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

NOT TO SCALE



NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITIONS THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS TO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

ENTRANCE/EXIT DETAIL

NOT TO SCALE

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TYPICAL DETAILS

C-5.1

2013.00