

PROPOSED SITE DEVELOPMENT PLUMBERS' SUPPLY COMPANY

SITE DRAWINGS

ISSUED FOR: PERMITTING
DATE ISSUED: MARCH 16, 2018
LATEST ISSUE: APRIL 24, 2018

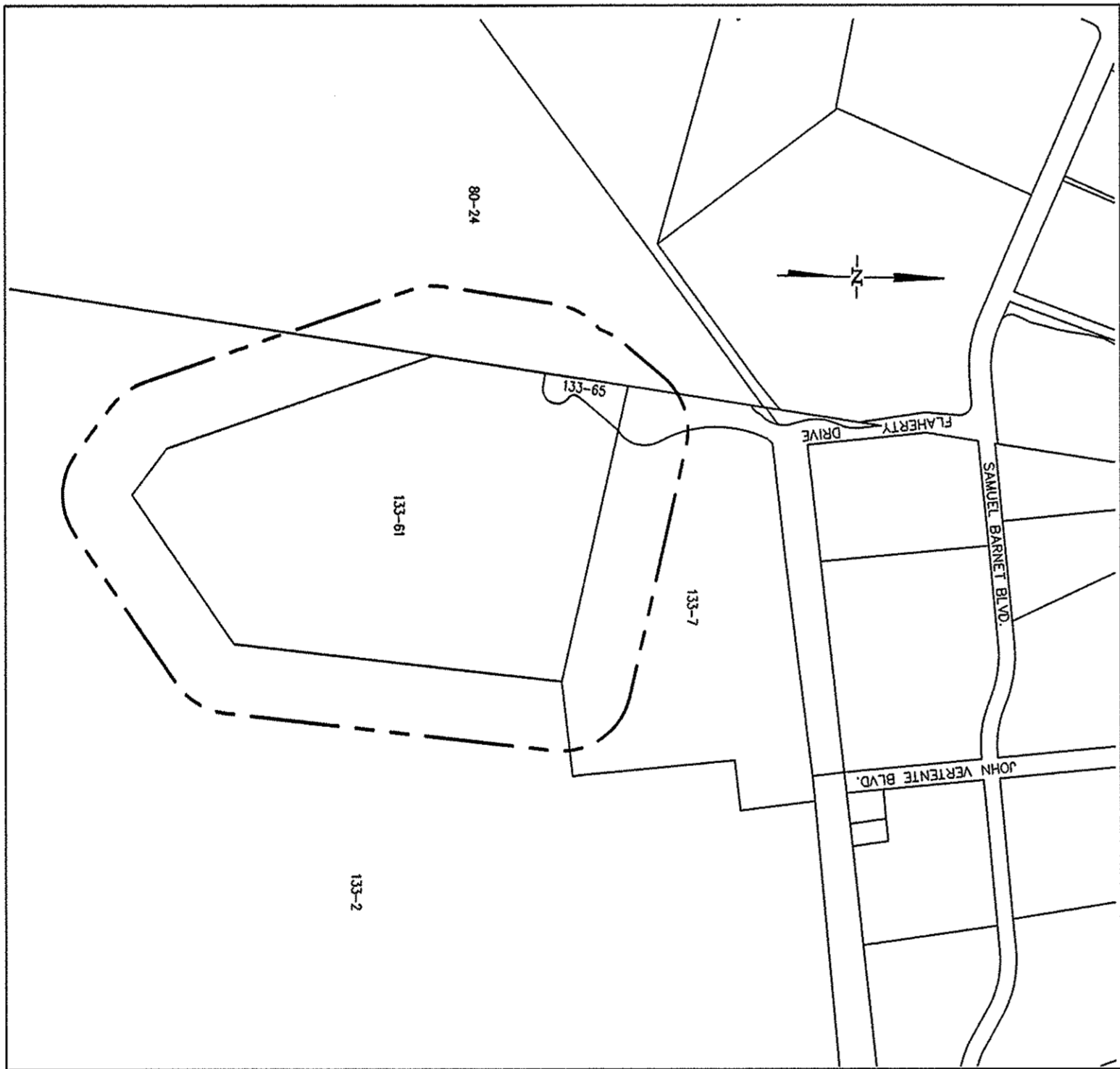
MAP 133 LOT 61, FLAHERTY DRIVE
NEW BEDFORD, MASSACHUSETTS

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SCALE: 1"=600'



SCALE: 1"=600'

PROJECT LOCATION:

ASSESSORS MAP 133 LOT 61
NEW BEDFORD, MASSACHUSETTS

ENGINEER:

FIELD ENGINEERING CO., INC.
11D INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPANSETT, MA 02739

APPLICANT:

PLUMBERS' SUPPLY CO.
429 CHURCH STREET
P.O. BOX 51687
NEW BEDFORD, MA 02745

OWNER:

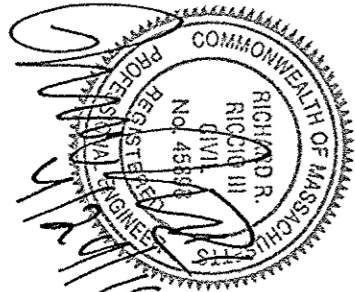
GREATER NEW BEDFORD
INDUSTRIAL FOUNDATION
1213 PURCHASE STREET
NEW BEDFORD, MA 02740

--- 100' NOTIFICATION LINE
--- 300' NOTIFICATION LINE
--- PROJECT SITE

LOT NO.	OWNER OF RECORD
80-24	COMMONWEALTH OF MASSACHUSETTS
133-2	COMMONWEALTH OF MASSACHUSETTS
133-7	AFC CABLE SYSTEMS INC.
133-65	GNBIF/POLAROID LLC C/O CORPORATE REAL ESTATE

PROPOSED
SITE
DEVELOPMENT

MAP 133 LOT 61
FLAHERTY DRIVE
NEW BEDFORD, MA



FIELD ENGINEERING CO., INC.
CONSULTING ENGINEERS

11D INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPANSETT, MA 02739
TEL: (508) 752-2146
FAX: (508) 752-2585

THE GROCKER BUILDING
4 COURT STREET, SUITE 104
NEW BEDFORD, MA 02740
TEL: (508) 824-4275
FAX: (508) 824-4276

Project No. 2190

PROPOSED LEGEND

NMAE AND ADDRESS OF OWNER
GREATER NEW BEDFORD INDUSTRIAL FOUNDATION
1213 PARKWAY STREET
NEW BEDFORD, MASSACHUSETTS 02740

NMAE AND ADDRESS OF ADJACENT PLUMBERS SUPPLY CO., INC.
429 BROAD STREET
NEW BEDFORD MASSACHUSETTS 02745

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES UNTIL SUCH TIME AS THE STORMWATER MANAGEMENT SYSTEM IS ACCEPTED BY THE OWNER. THEREAFTER, THE OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SYSTEM DURING THE CONSTRUCTION PERIOD AND FOR THE CONTINUING CONDITIONS OF THE CERTIFICATE OF COMPLIANCE ON THE PROPERTY.

2. AT ALL STRUCTURAL FIRST MAINTENANCE PRACTICES (BMP'S) INCLUDING SHOULD BE INSPECTED AFTER EVERY MAJOR RAINFALL EVENT EXCEEDING 1.0-INCH FOR THE FIRST 6 MONTHS AFTER CONSTRUCTION TO ENSURE PROPER STABILIZATION AND CONSTRUCTION.

3. THEREAFTER, REGULAR BMP INSPECTIONS SHOULD BE CONDUCTED ACCORDING TO THE FOLLOWING SCHEDULE:

BMP STRUCTURE	INSPECTIONS PER YEAR
DEEP SLUMP CHECK BASINS	4
EXTENDED DETENTION/NUTRITATION BASIN	2
ROOT DEBRIS REMOVAL TRENCH	1

4. THE OWNER SHALL MAINTAIN AND REPORT TO THE CONSERVATION COMMISSION UPON REQUEST A BMP INSPECTION REPORT FOLLOWING EACH SITE INSPECTION AS RECOMMENDED ABOVE. THE BMP INSPECTION REPORT SHALL IDENTIFY THE DATE OF INSPECTION, THE NAME AND CONTACT NUMBER OF THE RESPONSIBLE PARTY, SPECIFIC STRUCTURES INSPECTED, SPECIFIC MAINTENANCE REQUIRED AND OBSERVATIONS AT A MINIMUM, INSPECTION RECORDS SHOULD ADDRESS THE FOLLOWING CONDITIONS WHERE APPLICABLE:

1. EMBANKMENT SUBSIDENCE
2. CRACKING OF CONCREMENT BEAM
3. CORROSION OF METALS
4. INLET/OUTLET CONDITIONS
5. SLOPE STABILITY

5. ACCUMULATED SLUDG AND SEDIMENT SHOULD BE REMOVED FOUR TIMES A YEAR FOR SEDIMENT FOREBASINS OR MORE FREQUENTLY IF ACCUMULATED DEPTH OF SEDIMENT EXCEEDS SIX INCHES AT THE PROPOSED STONE CHECK DAMS. ACCUMULATED SLUDG AND SEDIMENT SHOULD BE REMOVED AT LEAST ONCE A YEAR FOR DEEP SLUMP CHECK BASINS OR MORE FREQUENTLY IF ACCUMULATED DEPTH OF SEDIMENT EXCEEDS SIX INCHES.

6. ALL REMOVED SEDIMENTS ARE TO BE PROPERLY DISPOSED OF AT A LOCATION TO BE APPROVED BY THE BOARD OF HEALTH, TRANSPORTATION AND DISPOSAL OF SEDIMENTS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

7. THE DRIVEWAY AND PARKING AREAS SHALL BE SWEEP AT LEAST TWICE PER YEAR INCLUDING IN THE SPRING FOLLOWING SNOW MELT.

8. THE EXTENDED DETENTION/NUTRITATION BASINS, SEDIMENT FOREBASINS AND ALL UNDESIGNED AREAS SHOULD BE INSPECTED FOR TRUSH ON A MONTHLY BASIS, ANY ACCUMULATED TRUSH, LITTER AND DISCARDED MATERIALS SHALL BE REMOVED.

9. SNOW WILL BE STOCKPILED WITHIN AND AROUND AREAS WHICH REQUIRE THE STORMWATER MANAGEMENT SYSTEM. SNOW STORAGE SHALL BE LIMITED TO ONE SIDE OF THE ROAD AND SHALL NOT BE ALLOWED TO OBSCURE ANY SIGNAGE OR OTHER FEATURES OF THE PROJECT. SNOW STORAGE SHALL BE REMOVED FROM THE PROJECT AREA BY APRIL 1ST OF EACH YEAR. SNOW STORAGE SHALL BE REMOVED FROM THE PROJECT AREA BY APRIL 1ST OF EACH YEAR.

10. NO DISPOSAL OF MATERIALS WILL BE PERMITTED WITHIN THE ANY OF THE STORMWATER MANAGEMENT SYSTEM COLLECTION LINES OR OUTLETS TO ROADS, FILL MATERIAL, CONSTRUCTION DEBRIS, GRADES CHIPPINGS, COLLECTED MATERIALS, OR OTHER SOLID WASTE.

11. THE EMBANKMENTS, SILE SLOPES, AND BOTTOM AREAS OF THE SEDIMENT FOREBASINS AND EXTENDED DETENTION/NUTRITATION BASIN SHALL BE MOWN AT LEAST TWICE ANNUALLY TO PREVENT MAINTENANCE OF THE BASINS.

12. AN OPERATION AND MAINTENANCE INSPECTION FORM SHALL BE DEVELOPED AND COPIES OF THE COMPLETED FORMS SHALL BE COMPLIED BY THE OWNER. THESE FORMS SHALL BE AVAILABLE FOR REVIEW BY THE CONSERVATION COMMISSION UPON REQUEST.

13. THE OWNER SHALL CONTRACT WITH A MAINTENANCE COMPANY ON AN ANNUAL BASIS THAT WILL BE RESPONSIBLE FOR THE MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPANY SHALL BE REMOVED TO THE CONSERVATION COMMISSION FOR THEIR FILES INFORMATION FOR THE COMPANY SHALL BE REMOVED TO THE CONSERVATION COMMISSION FOR THEIR FILES.

14. THE STORM WATER BMP'S WILL BE INSPECTED ANNUALLY DURING REGULAR SCHEDULED MAINTENANCE VISITS. IF ANY DAMAGE OR DEFECTS ARE FOUND, THEY WILL BE PHYSICALLY UNROOTED AND REMOVED FROM THE AREA.

INSTATE SPECIALS CONTROL PLAN (ISCZ)

1. THE OWNER WILL MONITOR THE EXTENDED DETENTION/NUTRITATION BASINS, WEI BASIN AND SEDIMENT FOREBASINS PRIOR TO THE START OF THE CONSTRUCTION PERIOD. THE OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE BASINS TO THE EXISTING INVASIVE SPECIES WITHIN AND AROUND THE PROJECT AREA. ANY INVASIVE SPECIES WILL BE REMOVED BY HAND (PULLING, MOWING, MECHANICAL CONTROL METHOD OF REMOVAL. INVASIVE SPECIES WILL BE REMOVED BY HAND (PULLING, MOWING,

PROPOSED LEGEND

TYPE 66

11D INDUSTRIAL DRIVE P.O. BOX 1178 MATAPOSSETT, MA 02739 TEL: (603) 758-2749 FAX: (603) 758-2949			
THE CROCKER BUILDING 4 CORRI STREET SUITE 104 DARTMOUTH, MA 02750 TEL: (603) 758-2749 FAX: (603) 384-8276			
Revisions			
2	REVISED PER CON COM REVIEW	4/29/18	RRR
1	NO CHANGES THIS SHEET	3/29/18	RRR
No.	Description	Date	Prepared
Date		3/6/18	
Scale		NO SCALE	
Drawn By	Designed By	Checked By	
RRR	RRR	RRR	
Issued For PERMITTING			

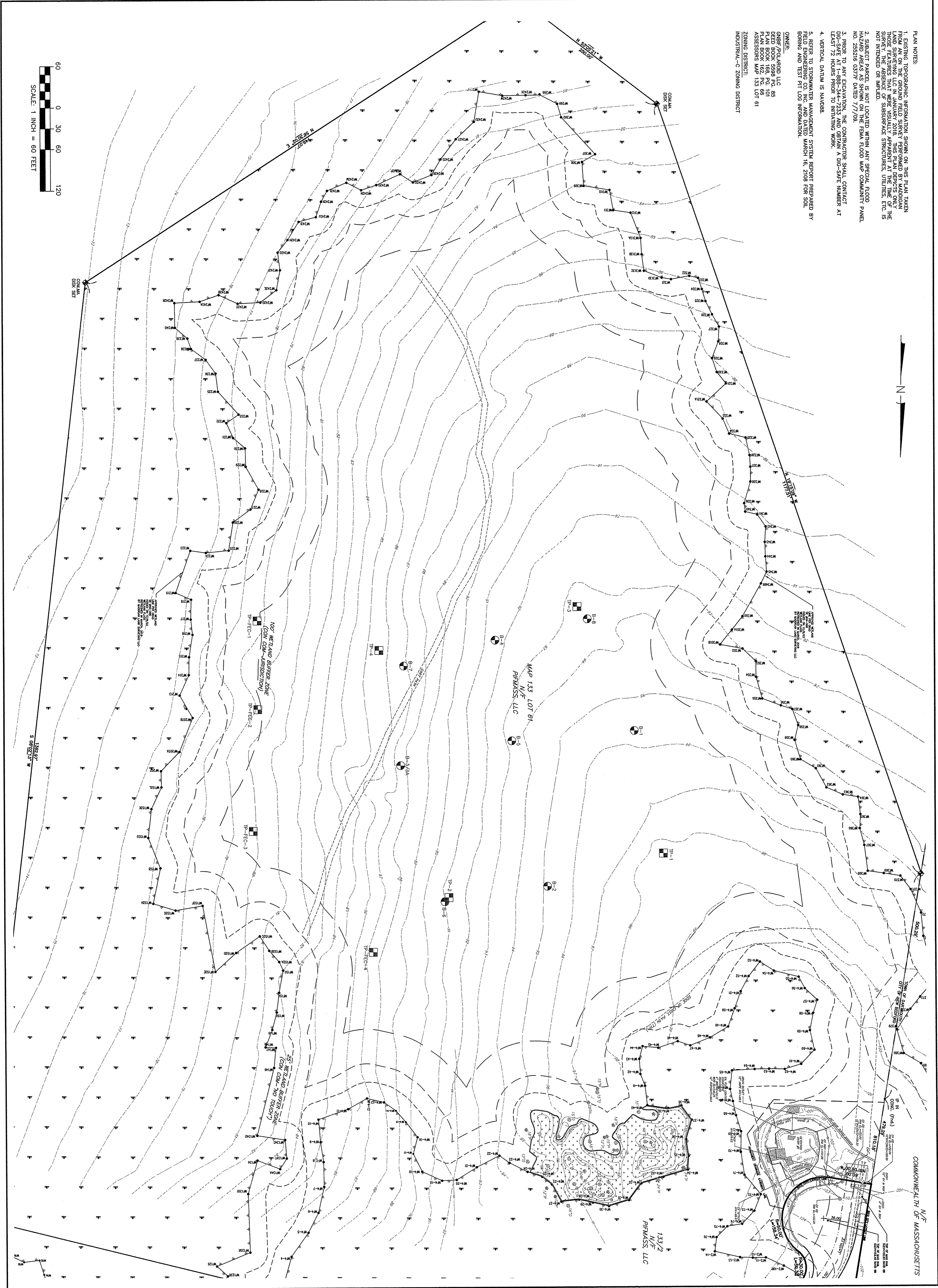


LOT 10 FLAHERTY DRIVE (ASSESSORS MAP 133, LOT 61)
NEW BEDFORD, MASSACHUSETTS

Drawing Title	
NOTES & LEGEND	
Project No. 2190	Sheet 2 OF 14

LEGEND

Z



- PLAN NOTES:
1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN TAKEN FROM AN ON THE GROUND FIELD SURVEY PERFORMED BY MADOGAN SURVEYING, INC. ON 03/16/18. THE SURVEY WAS CONDUCTED IN THE PRESENCE OF THOSE FEATURES THAT WERE VISUALLY APPARENT AT THE TIME OF THE SURVEY. THE ABSENCE OF SUBSURFACE STRUCTURES, UTILITIES, ETC. IS NOT INTENDED OR IMPLIED.
 2. SUBJECT PARCEL IS NOT LOCATED WITHIN ANY SPECIAL FLOOD HAZARD AREAS AS SHOWN ON THE FEMA FLOOD MAP COMMUNITY PANEL NO. 255216 03/7/76 DATED 7/7/09.
 3. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT DIG-SAFE AT 1-888-344-7233 AND OBTAIN A DIG-SAFE NUMBER AT LEAST 72 HOURS PRIOR TO INITIATING WORK.
 4. VERTICAL DATUM IS NAVD83.
 5. REFER TO STORMWATER MANAGEMENT SYSTEM REPORT PREPARED BY FIELD ENGINEERING CO., INC. AND DATED MARCH 16, 2018 FOR SOIL BORING AND TEST PIT LOG INFORMATION.
- OWNER:
PIMASS, LLC
110 INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPONSETT, MA 02729
PLAN BOOK 165, PG. 101
ASSESSORS MAP 133 LOT 61
ZONING DISTRICT:
INDUSTRIAL-C ZONING DISTRICT

N/F
COMMONWEALTH OF MASSACHUSETTS

**FIELD
ENGINEERING
CO., INC.**
CONSULTING ENGINEERS
110 INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPONSETT, MA 02729
TEL: (908) 758-2749
FAX: (908) 758-2849

Revisions

No.	Description	Date	Appvd
1	NO CHANGES THIS SHEET	3/16/18	
2	ADD NEW TEST PITS	4/24/18	RRR

Scale 1"=60'

Drawn By RMS
Designed By RRR
Checked By RRR

PERMITTING



PROPOSED SITE DEVELOPEMENT
PLUMBERS' SUPPLY COMPANY

LOT 10 FLAHERTY DRIVE (ASSESSORS MAP 133, LOT 61)
NEW BEDFORD, MASSACHUSETTS

Drawing Title
EXISTING
CONDITIONS

Project No. 2190
Sheet 3 OF 14

EC-1

**FIELD
ENGINEERING
CO., INC.**
CONSULTING ENGINEERS

1110 INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPANSETT, MA 02739
TEL: (508) 758-2749
FAX: (508) 758-2849

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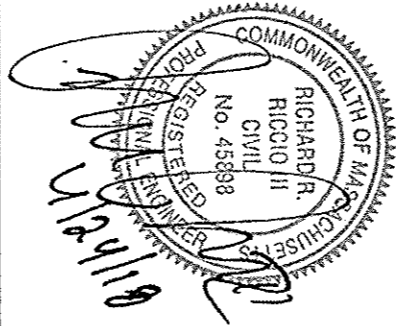
Drawing Title PROPOSED SITE DEVELOPEMENT PLUMBERS' SUPPLY COMPANY	
Project No. 2190	Sheet 6 OF 14
SITE GRADING SG-2	
LOT 10 FLAHERTY DRIVE (ASSESSORS MAP 133, LOT 61) NEW BEDFORD, MASSACHUSETTS	

111D INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPANSETT, MA 02739
TEL: (508) 758-2749
FAX: (508) 758-2849

Revisions					
No.	Description	Date	Appr		
2	RECEIVED PER CON COM REVIEW AND COMPUTER FOR LANCELOT TRAINING	4/23/78	RHR		
1					
No.					
Date					

PERMITTING

Drawn By	Designed By	Checked By
RMS	RRR	RRR



PROPOSED SITE DEVELOPEMENT PLUMBERS' SUPPLY COMPANY

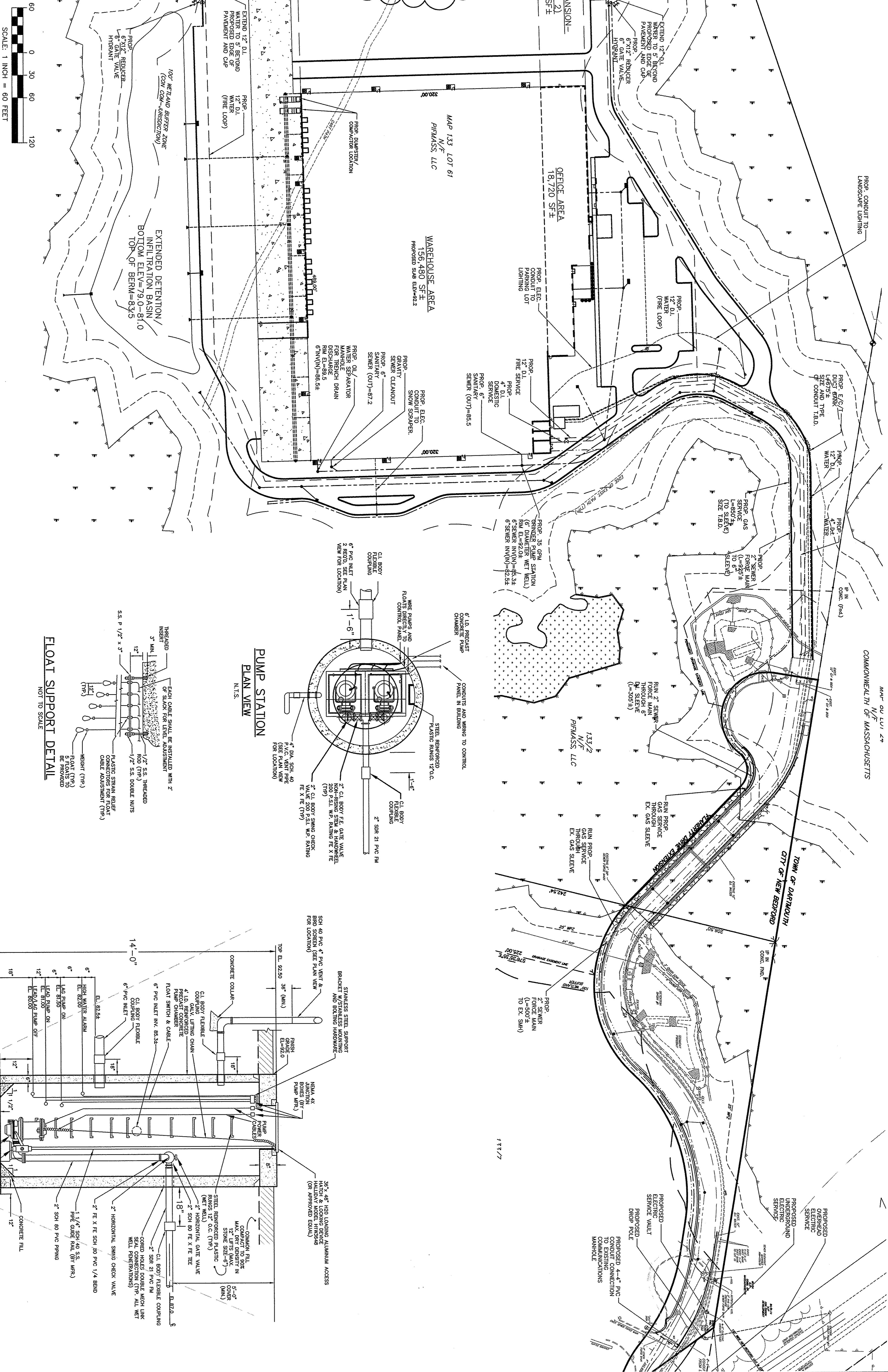
LOT 10 FLAHERTY DRIVE (ASSESSORS MAP 133, LOT 61)
NEW BEDFORD, MASSACHUSETTS

Drawing Title

UTILITIES

Project No.	Sheet
2190	8 OF 14

SU-1



**FIELD
ENGINEERING
CO., INC.**
CONSULTING ENGINEERS

1110 INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPONESETT, MA 02739
TEL: (508) 758-9749
FAX: (508) 758-2849

92418

COMMONWEALTH OF MASSACHUSETTS
SUPERIOR COURT
MIDDLESEX COUNTY
RICHARD R. ARDINO III
JUDGE
CIVIL
No. 45393

<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Drawing Title SEDIMENTATION & EROSION CONTROL </div>	Project No. 2190	Sheet 11 OF 14	PROPOSED SITE DEVELOPEMENT PLUMBERS' SUPPLY COMPANY
	SEC-3		LOT 10 FLAHERTY DRIVE (ASSESSORS MAP 133, LOT 61) NEW BEDFORD, MASSACHUSETTS

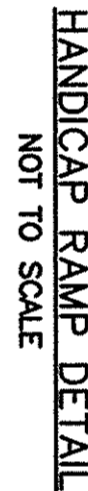
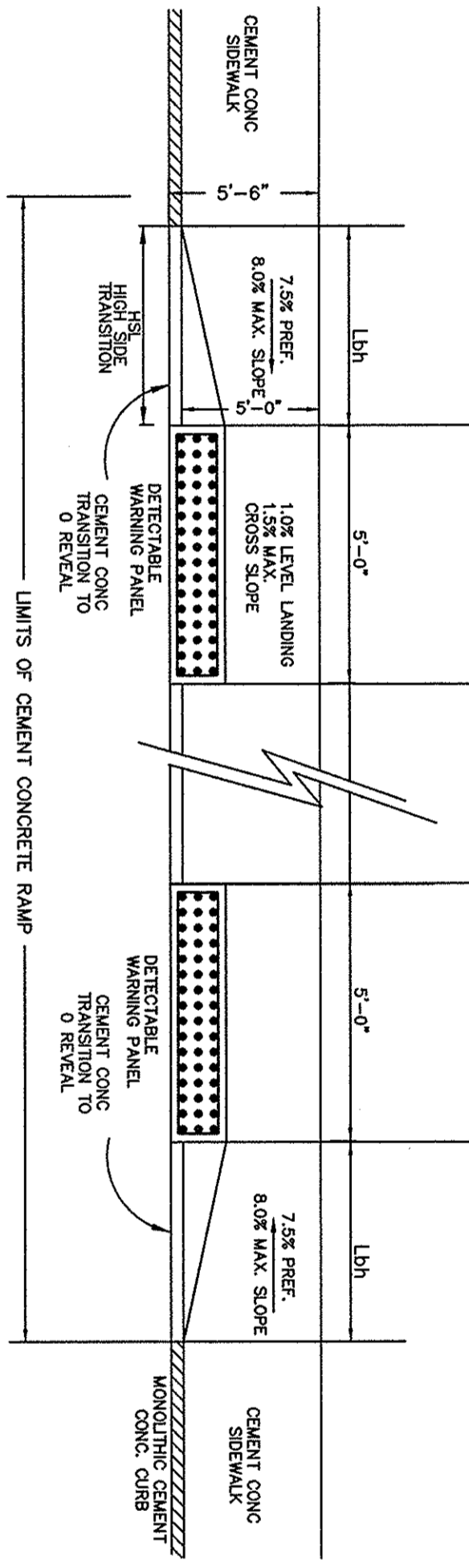
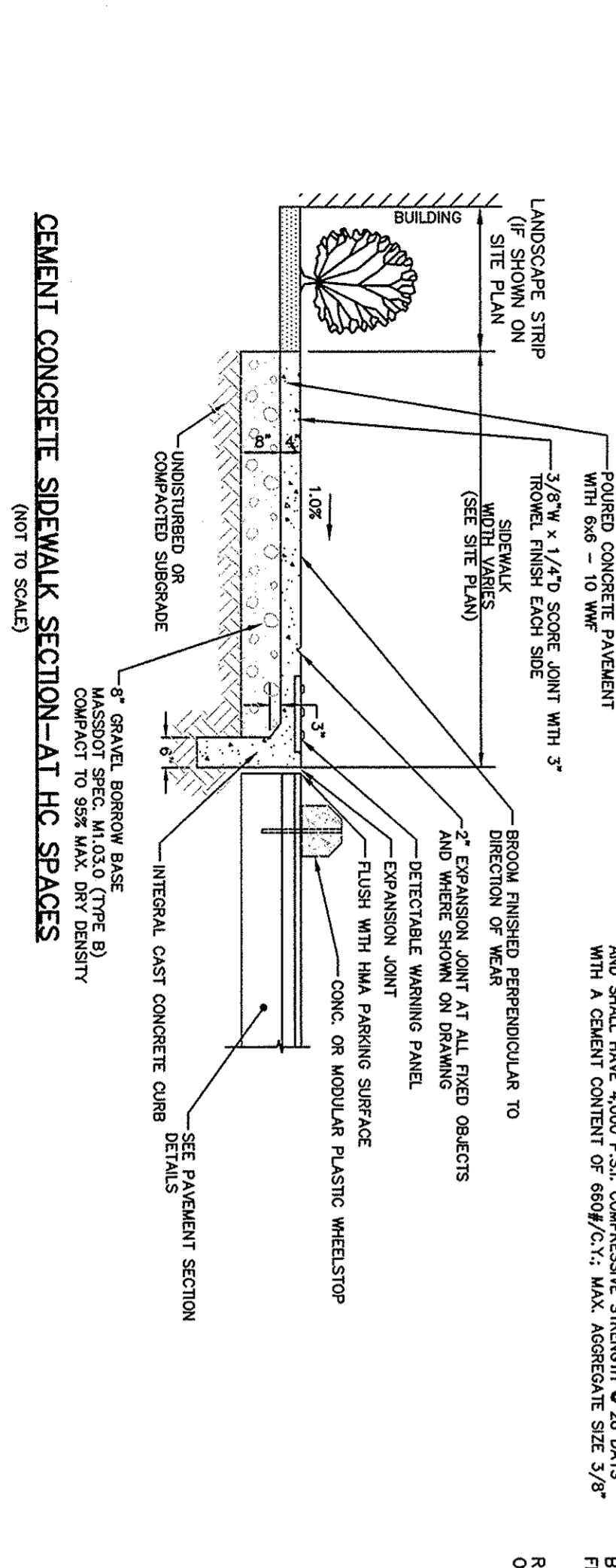
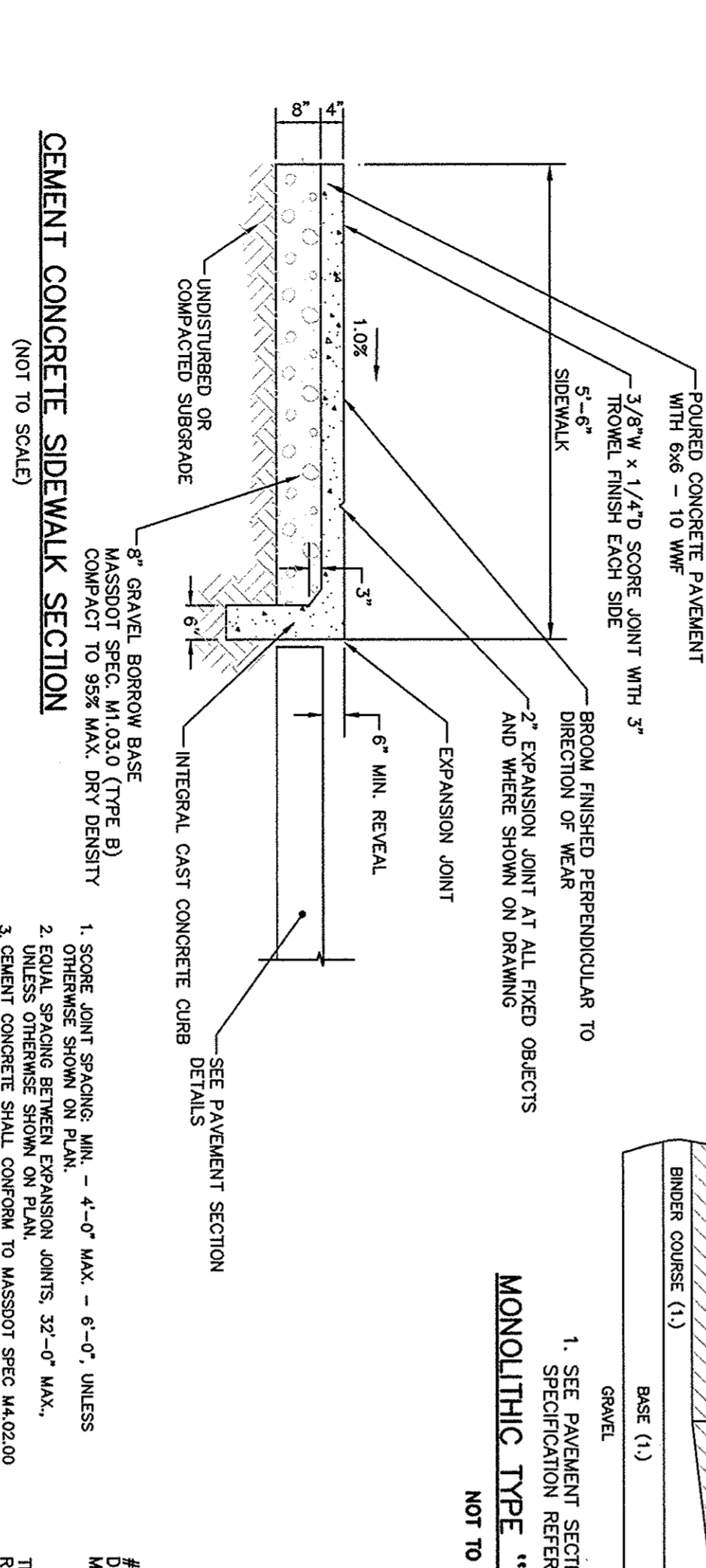
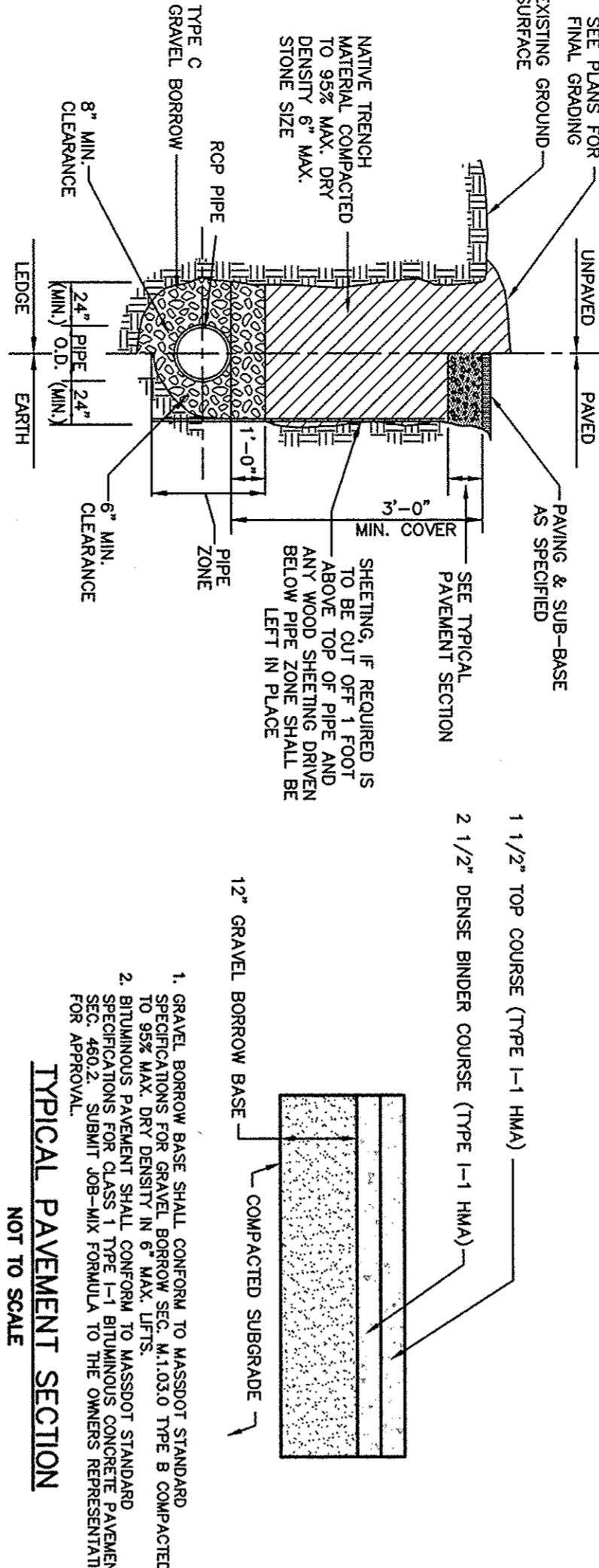
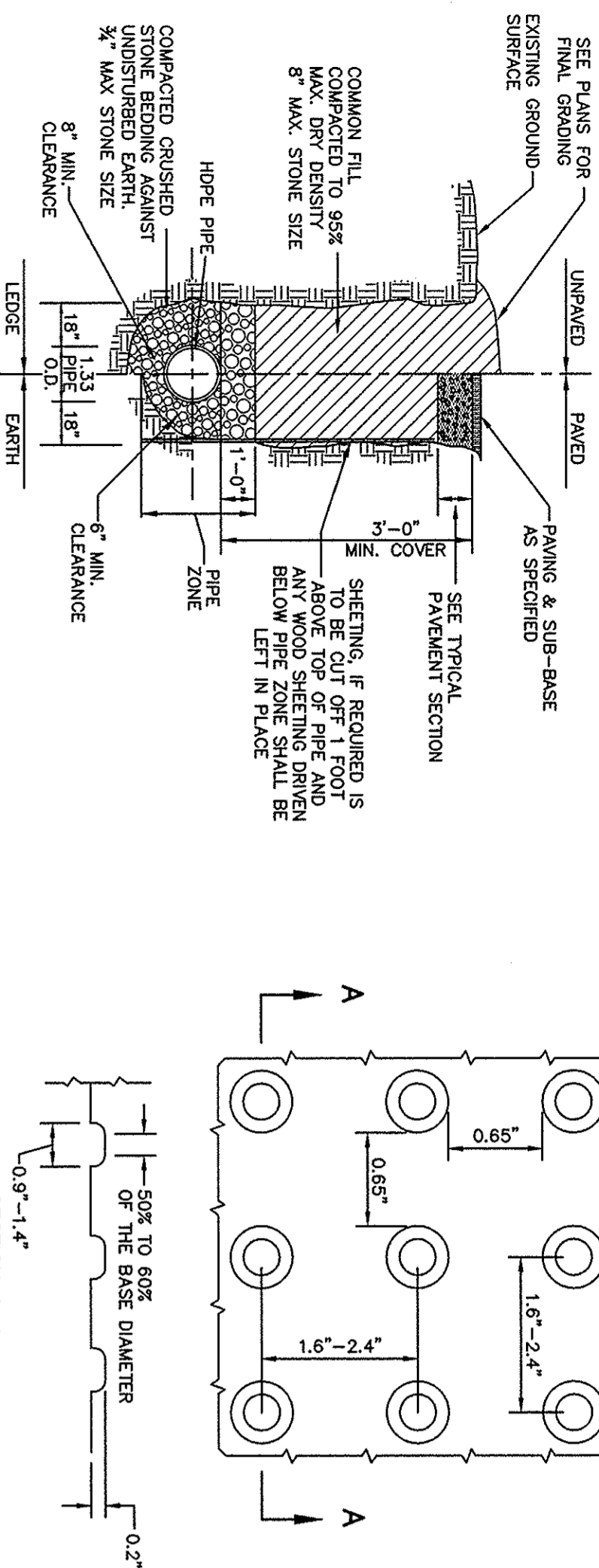


TABLE I. HIGH SIDE FRONT TRANSITION LENGTH HSL. THE FOLLOWING FIGURES ARE BASED UPON A SIX INCH CURB REVEAL: R=6"(150mm)

PROFILE GRADE	HIGH SIDE TRANSITION LENGTH (HSL)		
	%	G	
		7.5% SLOPE	8.0% SLOPE
		(m)	(m)
0	0	7.0	6.5
1	.01	8.0	7.0
2	.02	9.0	8.0
3	.03	11.0	9.5
4	.04	14.5	13.0
5	.05	20.0	16.5

6" (150mm) THE FOLLOWING EQUATION SHALL BE USED.

iii) \mathcal{C}_1 and \mathcal{C}_2 are

$HSL(M) = (R/1000)/(TS-6)$
 $R = \text{REVEAL IN (MM)}$
 $G = \text{ROADWAY PROFILE GRADE (M/M)}$
 $TS = \text{TRANSITION SLOPE (M/M)}$
 $HSL = \text{HIGH SIDE TRANSITION LENGTH (M)}$
 $1 \text{ METER} = 3.2808 \text{ FT.}$

TABLE 11b. HIGH SIDE BACK TRANSITION LENGTH (L_{bh}). THE FOLLOWING FIGURES ARE BASED UPON A SIX INCH CURB REVEAL AND 1:12

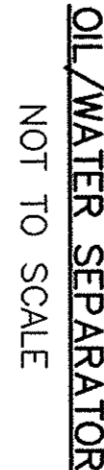
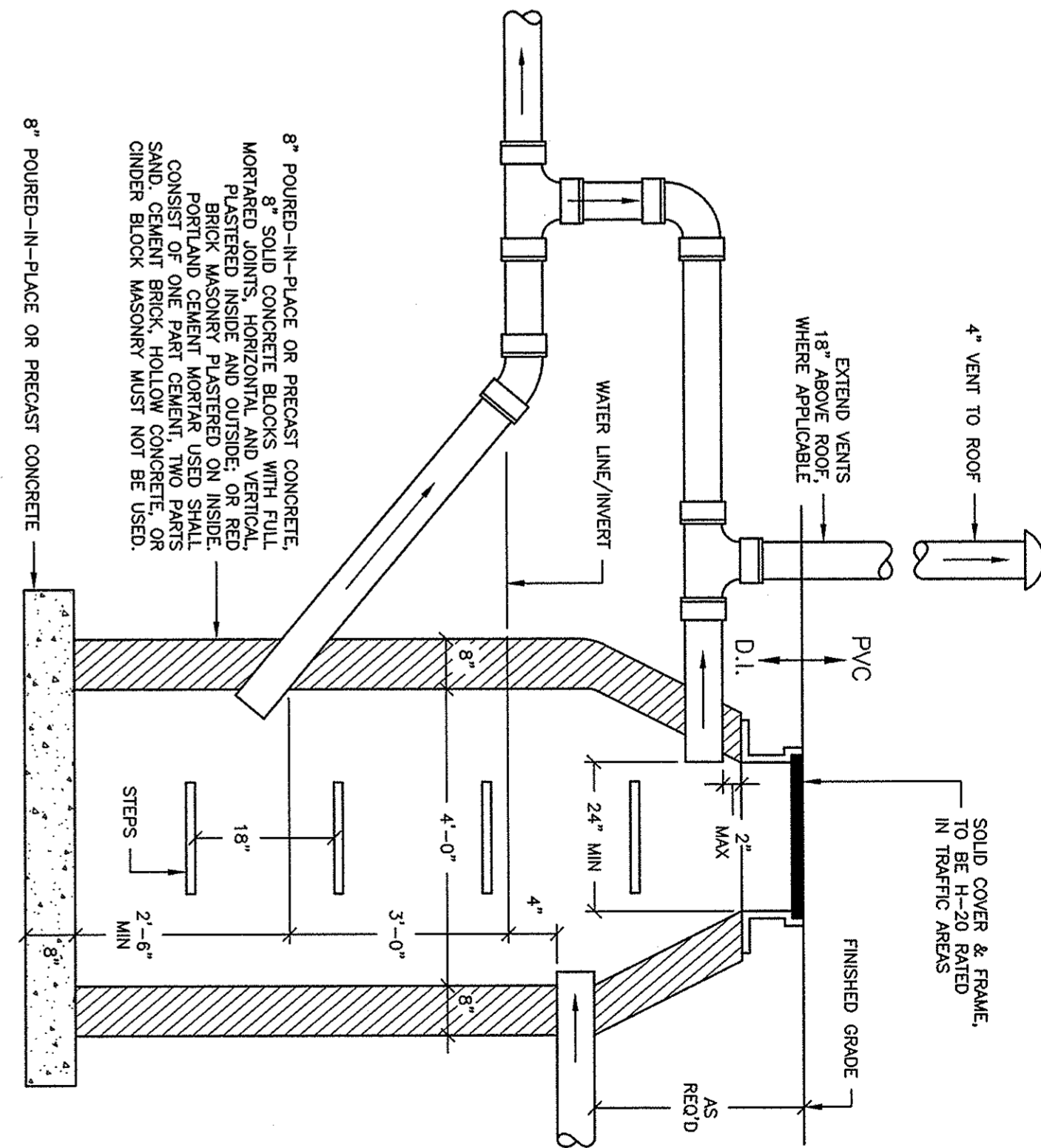
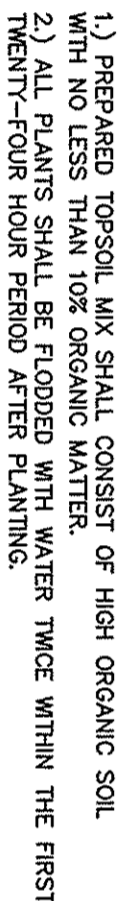
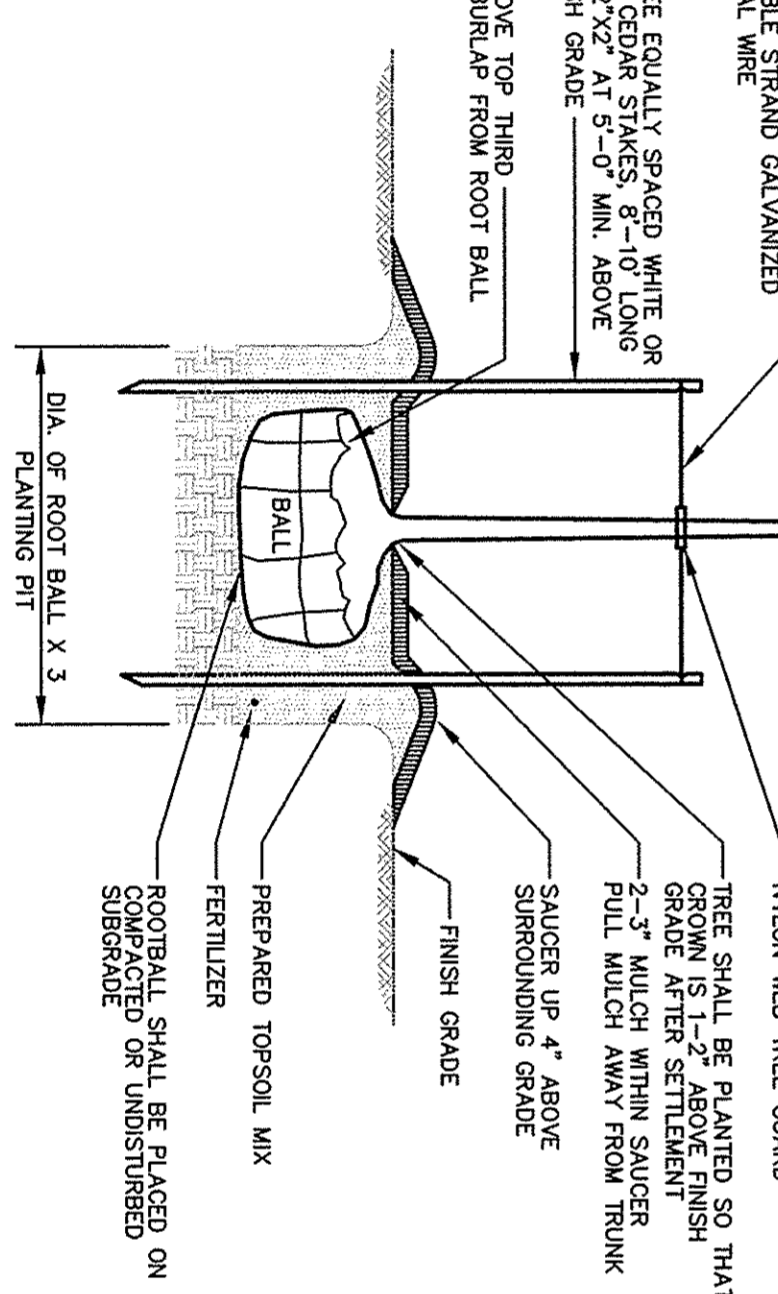
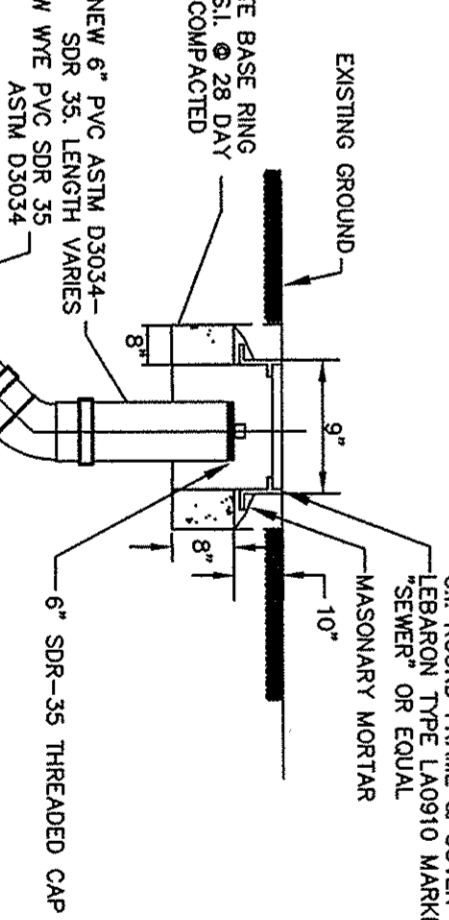
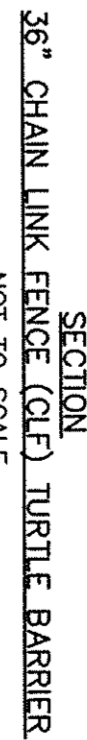
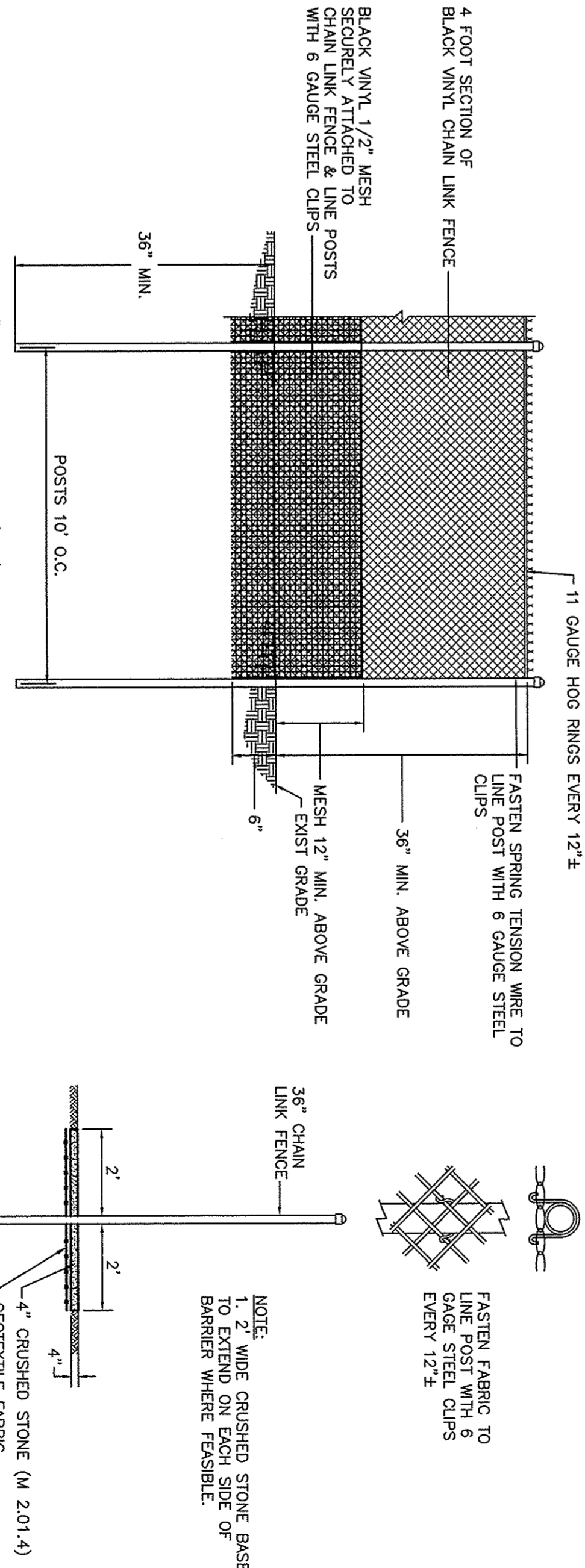
CEMENT CONCRETE WHEELCHAIR RAMPS

RAMP LENGTH M (FT)	PROFILE GRADE (°)					
	.00	.01	.02	.03	.04	.05
4.0	3.0	3.5	4.0	5.0	6.0	7.5
5.0	2.5	2.5	3.0	3.5	4.5	6.0
6.0	1.5	2.0	2.0	2.5	3.0	4.0
7.0	1.0	1.0	1.0	1.5	1.5	2.0
8.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE: WHERE THE WHEELCHAIR RAMP LENGTH (W) IS 8.0 OR GREATER THE Lph SHALL EQUAL ZERO (0). WHERE CURB REVEAL (R) EXCEEDS 6" (150mm) THE FOLLOWING EQUATION SHALL BE USED

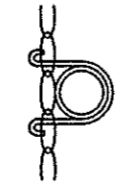
$$\text{EQUATION: } \text{LBH (FT)} = \frac{([0.25 \cdot \text{MI} + \text{R}]) - [\text{Sr} \cdot \text{MI}]}{1}$$

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NOTES

1. STRUCTURE SHALL BE SET ON MIN. 12" CRUSHED STONE BEDDING.
2. STRUCTURE SHALL BE GRANULAR LIME BACKFILLED.
3. PRECAST CONCRETE UNITS PER ASTM C478 (LATEST) AND MIN. 0.12 SQ. IN. STEEL PER VERTICAL FOOT PER ASHMO M199 ALLOWED ONLY BY SHOP DWG. APPROVAL.
4. OWNER SHALL PROVIDE AGREEMENT FOR THE REGULAR MAINTENANCE OF OIL/WATER SEPARATOR TO CITY OF NEW BEDFORD DEPARTMENT OF PUBLIC INFRASTRUCTURE FOR THEIR RECORDS.



FASTEN FAB
LINE POST V
GAGE STEEL
EVERY 12"±

NOTE:
1. 2' WIDE CRUSHED STONE BASE
TO EXTEND ON EACH SIDE OF
BARRIER WHERE FEASIBLE.

