

"LAKELAND FARMS"

TOWNHOUSE COMMUNITY SITE PLAN

NORFOLK, MASSACHUSETTS

APRIL 19, 2016

PREPARED FOR:

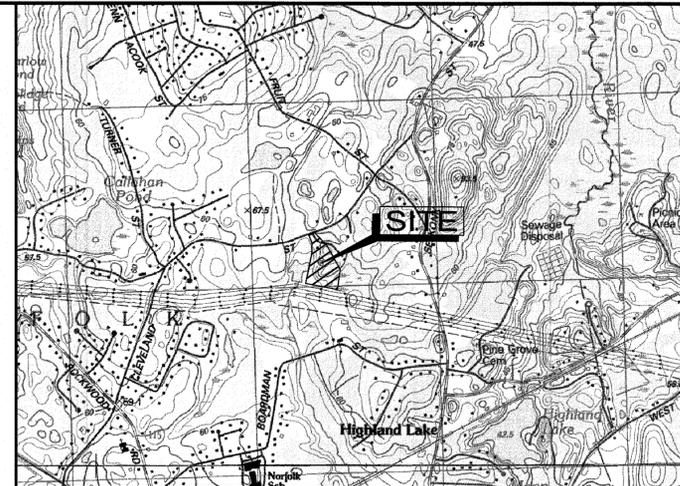
LAKELAND FARMS, LLC
84 CLEVELAND STREET
NORFOLK, MA 02056

PREPARED BY:

ANDREWS SURVEY & ENGINEERING, INC.
104 MENDON STREET
P.O. BOX 312
UXBRIDGE, MA 01569
P: 508.278.3897
F: 508.278.2289

ENVIRONMENTAL:

B&C ASSOCIATES, INC.
2 RICE STREET
HUDSON, MA 01749
P: 978.568.0135



LOCUS MAP
1" = 1500'

OWNER OF RECORD:
EDWARD B. & SANDRA A. O'HARTE
84 CLEVELAND STREET
NORFOLK, MA 02056

DEED REFERENCE:
DEED BK. 20999, PG. 419

NORFOLK ASSESSORS INFORMATION:
MAP 15, BLOCK 54, PARCEL 43
TOTAL AREA: 8.81± ACRES

NORFOLK ZONING INFORMATION:
ZONE: RESIDENCE R-3
MINIMUM FRONTAGE: 200'
MINIMUM LOT AREA: 55,000 S.F.
BUILDING SETBACKS: FRONT 50', SIDE 25', REAR 25'

PLAN REFERENCES:
NO. 26-1972 BK. 4800, PG. 71
NO. 534-1974 PL. BK. 244

ASE
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289
500 East Washington Street
North Attleboro, Massachusetts 02760
P: 508-316-0452 F: 508-316-0963

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DRAWING DATE	LAST REVISION	SHEET NO.	SHEET TITLE
4/19/16		C-0.0	COVER SHEET
4/19/16		C-1.1	LEGEND, ABBREVIATIONS, & GENERAL NOTES
4/19/16		C-2.0	EXISTING CONDITIONS PLAN
4/19/16		C-3.0	LAYOUT & MATERIALS PLAN
4/19/16		C-4.0	UTILITY PLAN
4/19/16		C-5.0	GRADING & DRAINAGE PLAN
4/19/16		C-6.1 - C-6.2	TOPOGRAPHIC PLAN & PROFILE
4/19/16		C-7.1 - C-7.6	CONSTRUCTION DETAILS
4/19/16		L-1.0	LANDSCAPE PLAN
4/19/16		L-2.0	LANDSCAPE SCHEDULE & DETAILS
4/19/16		L-3.0	LANDSCAPE NOTES

GOVERNMENT / UTILITY CONTACTS		
NORFOLK POLICE DEPT. P.O. BOX 3 117 MAIN STREET P: 508-528-3206 F: 508-541-3340	NORFOLK BUILDING DEPARTMENT ONE LIBERTY LANE P: 508-528-5088 F: 508-541-3300	NORFOLK CONSERVATION COMMISSION ONE LIBERTY LANE P: 508-541-8455 F: 508-541-3377
NORFOLK FIRE DEPT. 117 MAIN STREET P: 508-528-3207	NORFOLK DEPARTMENT OF PUBLIC WORKS 33 MEDWAY BRANCH P: 508-528-4990 F: 508-528-2773	NORFOLK PLANNING BOARD 79 SOUTH STREET P: 508-528-2961 F: 508-541-3377

REVISIONS		
NO.	DATE	DESCRIPTION

CAD FILE: .\dwg\2014-111_SP.dwg
DRAWN BY: SJO, TRB
CHECKED BY: PBH, BJA
DATE: APRIL 19, 2016
PROJECT NO.: 2014-111

PAUL B. HJTMK
CIVIL
No. 45872
RESIDENT ENGINEER

BYRON J. ANDREWS
No. 47088
REGISTERED PROFESSIONAL ENGINEER

P.E. P.L.S. 4/19/16

SHEET TITLE
COVER SHEET

DRAWING NO.
C-0.0

PLAN NO. L-4819



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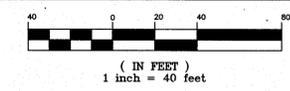
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REVISIONS

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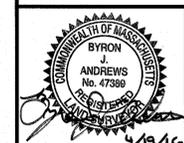
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GRAPHIC SCALE



SHEET TITLE

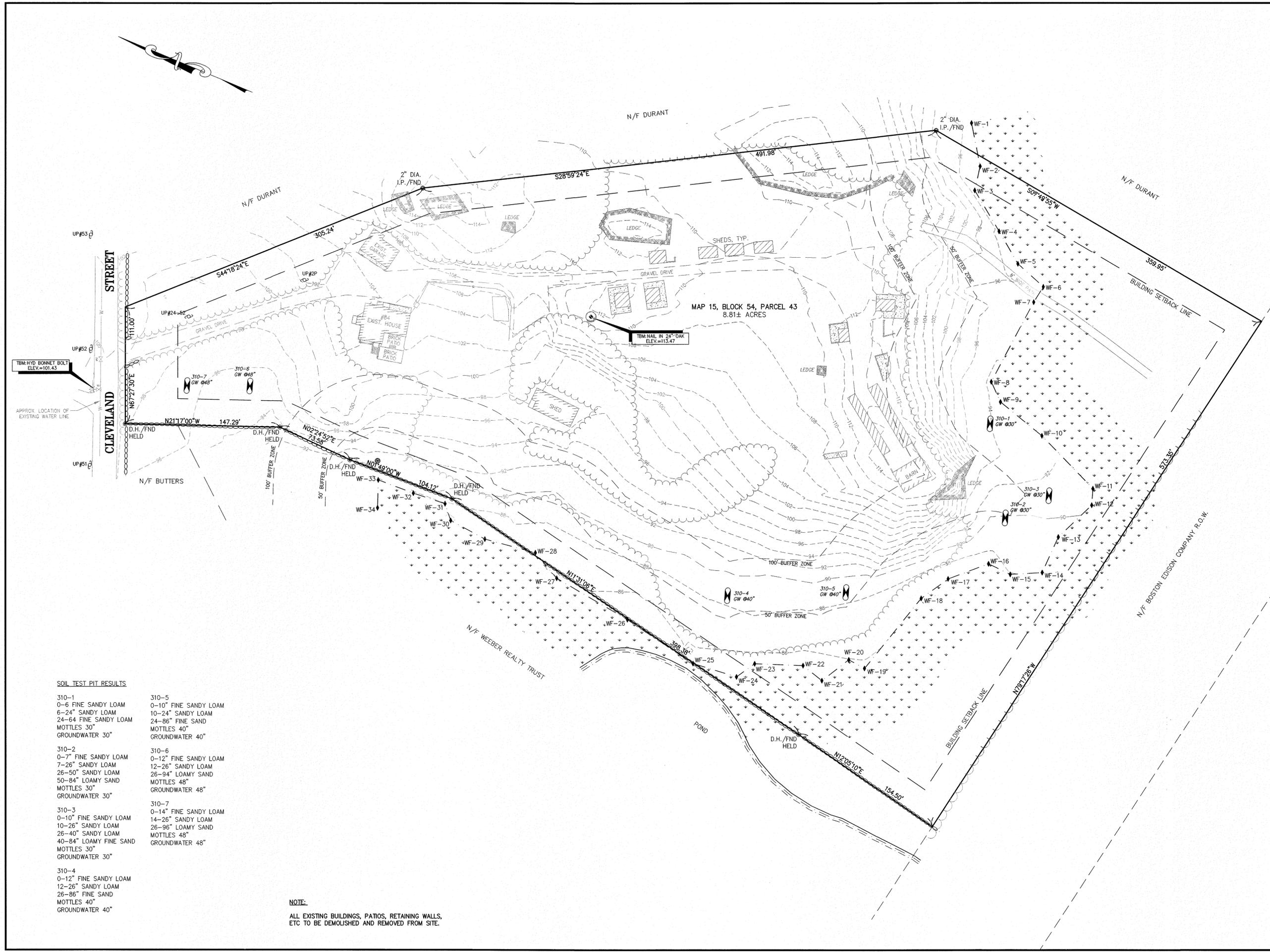
EXISTING CONDITIONS PLAN



DRAWING NO.

C-2.0

PLAN NO. L-4819



SOIL TEST PIT RESULTS

- | | | | | | | |
|---|---|--|---|---|--|--|
| 310-1
0-6" FINE SANDY LOAM
6-24" SANDY LOAM
24-64" FINE SANDY LOAM
MOTTLES 30"
GROUNDWATER 30" | 310-2
0-7" FINE SANDY LOAM
7-26" SANDY LOAM
26-50" SANDY LOAM
50-84" LOAMY SAND
MOTTLES 30"
GROUNDWATER 30" | 310-3
0-10" FINE SANDY LOAM
10-26" SANDY LOAM
26-40" SANDY LOAM
40-84" LOAMY FINE SAND
MOTTLES 30"
GROUNDWATER 30" | 310-4
0-12" FINE SANDY LOAM
12-26" SANDY LOAM
26-86" FINE SAND
MOTTLES 40"
GROUNDWATER 40" | 310-5
0-10" FINE SANDY LOAM
10-24" SANDY LOAM
24-86" FINE SAND
MOTTLES 40"
GROUNDWATER 40" | 310-6
0-12" FINE SANDY LOAM
12-26" SANDY LOAM
26-94" LOAMY SAND
MOTTLES 48"
GROUNDWATER 48" | 310-7
0-14" FINE SANDY LOAM
14-26" SANDY LOAM
26-96" LOAMY SAND
MOTTLES 48"
GROUNDWATER 48" |
|---|---|--|---|---|--|--|

NOTE:
ALL EXISTING BUILDINGS, PATIOS, RETAINING WALLS,
ETC TO BE DEMOLISHED AND REMOVED FROM SITE.



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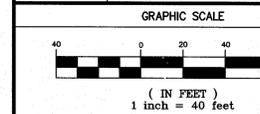
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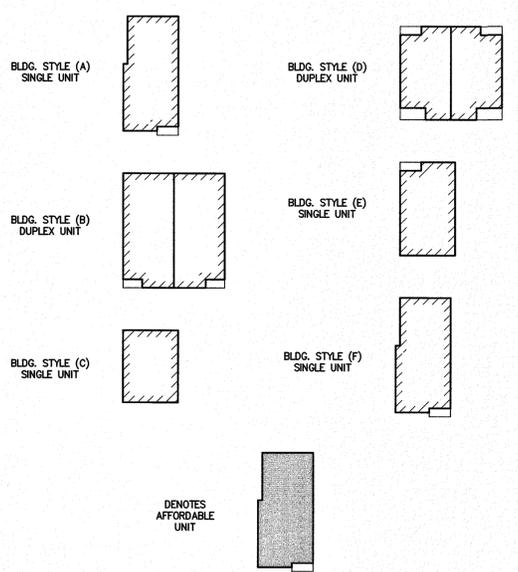
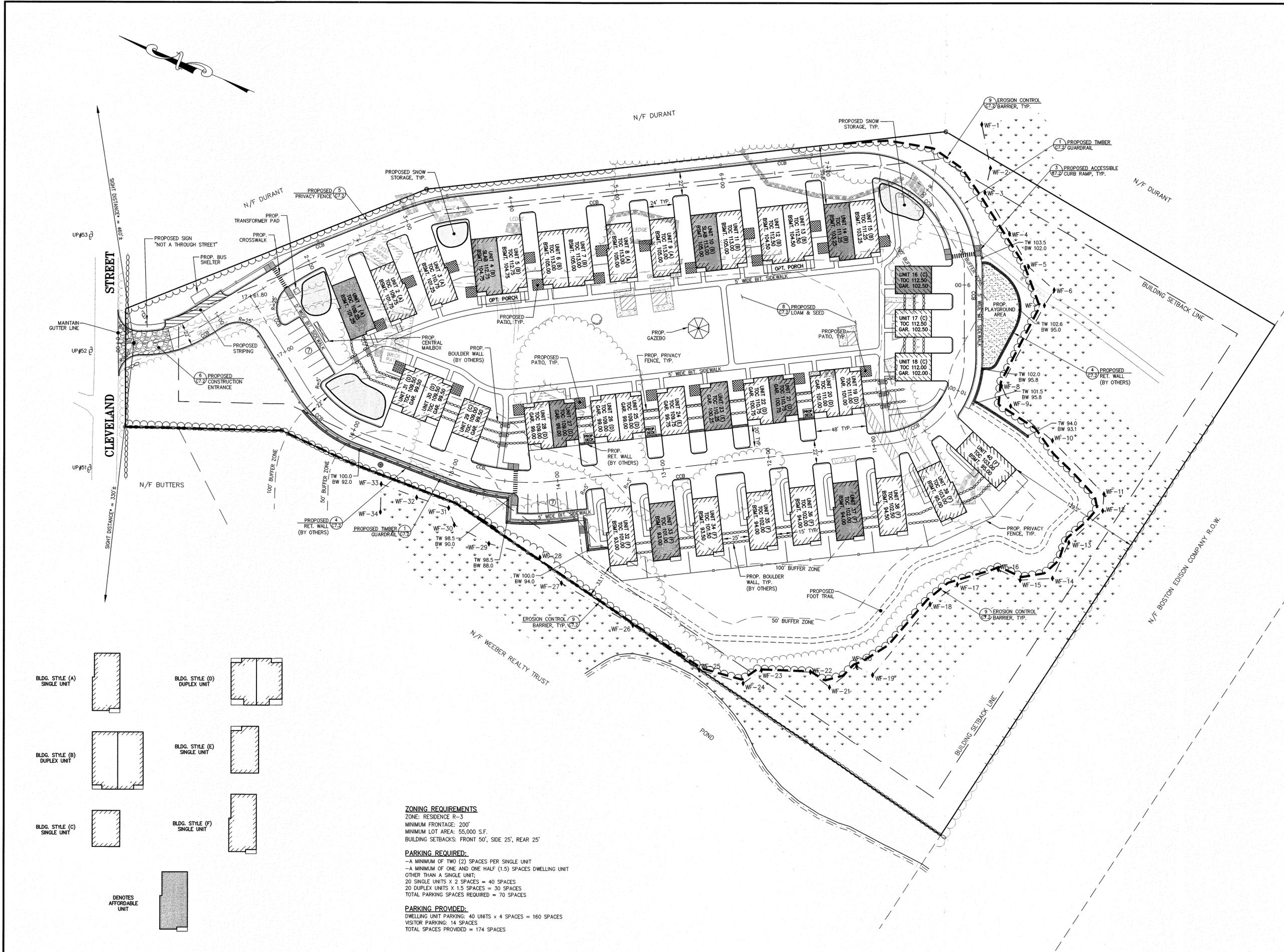
LAYOUT &
MATERIALS PLAN



DRAWING NO.

C-3.0

PLAN NO. L-4819



ZONING REQUIREMENTS:
ZONE: RESIDENCE R-3
MINIMUM FRONTAGE: 200'
MINIMUM LOT AREA: 55,000 S.F.
BUILDING SETBACKS: FRONT 50', SIDE 25', REAR 25'

PARKING REQUIRED:
-A MINIMUM OF TWO (2) SPACES PER SINGLE UNIT
-A MINIMUM OF ONE AND ONE HALF (1.5) SPACES DWELLING UNIT OTHER THAN A SINGLE UNIT:
20 SINGLE UNITS X 2 SPACES = 40 SPACES
20 DUPLEX UNITS X 1.5 SPACES = 30 SPACES
TOTAL PARKING SPACES REQUIRED = 70 SPACES

PARKING PROVIDED:
DWELLING UNIT PARKING: 40 UNITS X 4 SPACES = 160 SPACES
VISITOR PARKING: 14 SPACES
TOTAL SPACES PROVIDED = 174 SPACES



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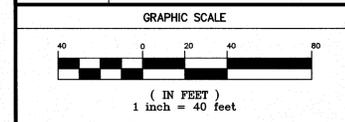
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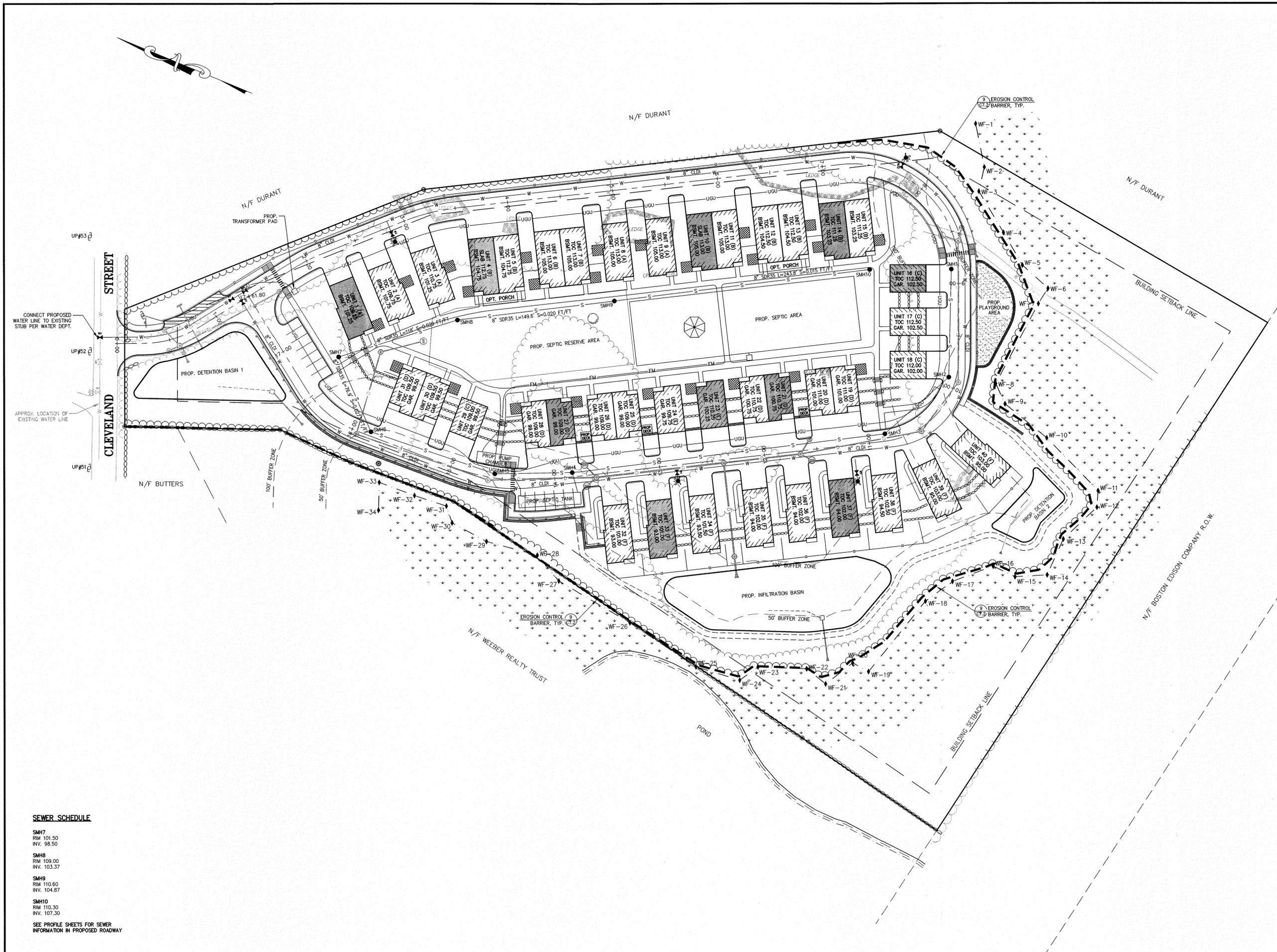
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SHEET TITLE

UTILITY PLAN

	DRAWING NO.
	C-4.0
	PLAN NO. L-4819



SEWER SCHEDULE

SMH7
RIM 101.50
INV. 98.50

SMH8
RIM 109.00
INV. 103.37

SMH9
RIM 110.60
INV. 104.87

SMH10
RIM 110.30
INV. 107.30

SEE PROFILE SHEETS FOR SEWER INFORMATION IN PROPOSED ROADWAY

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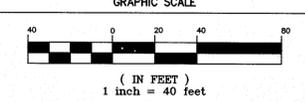
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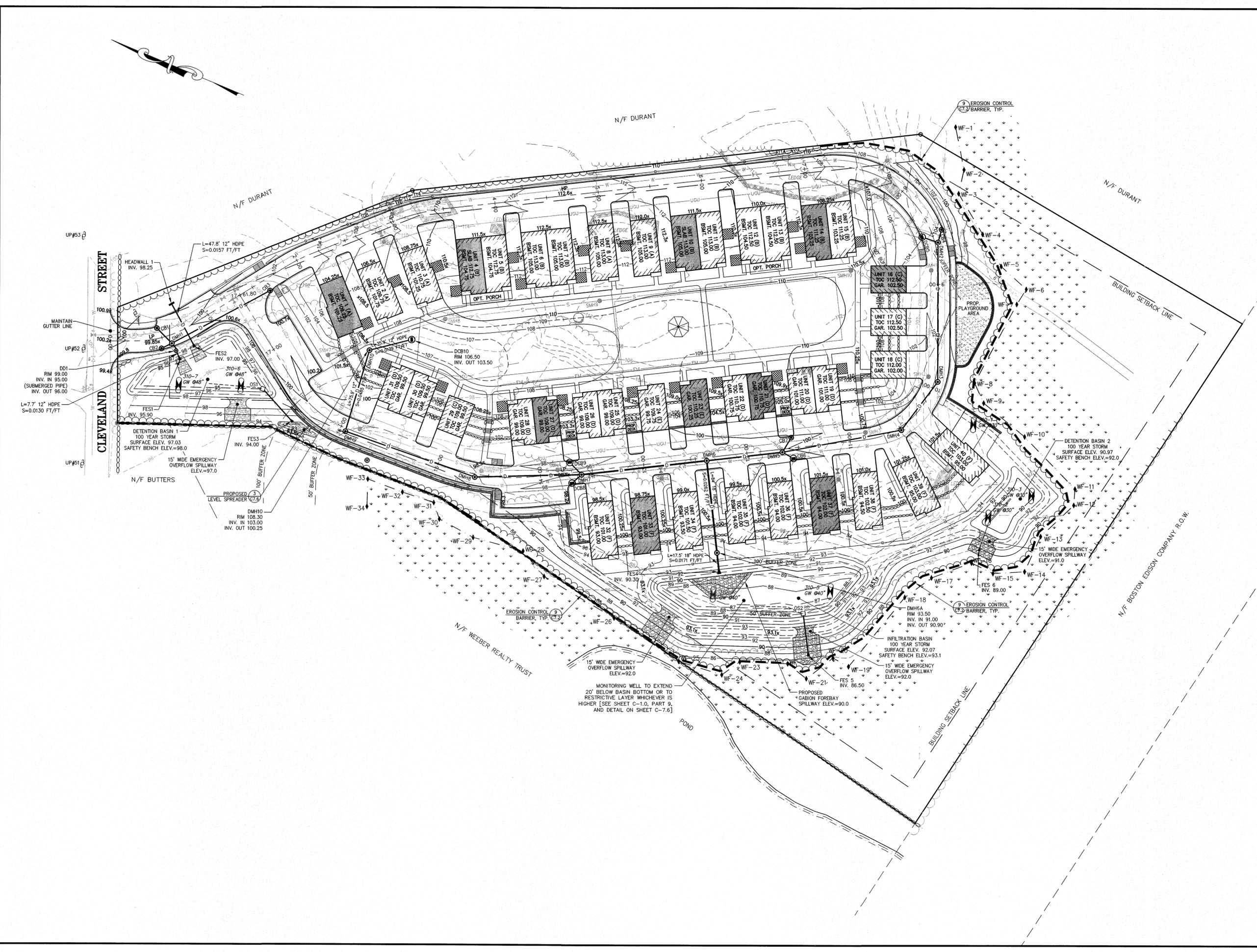
GRAPHIC SCALE



SHEET TITLE

GRADING & DRAINAGE PLAN

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	C-5.0
PLAN NO. L-4819	



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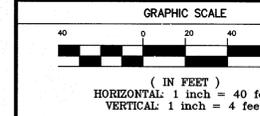
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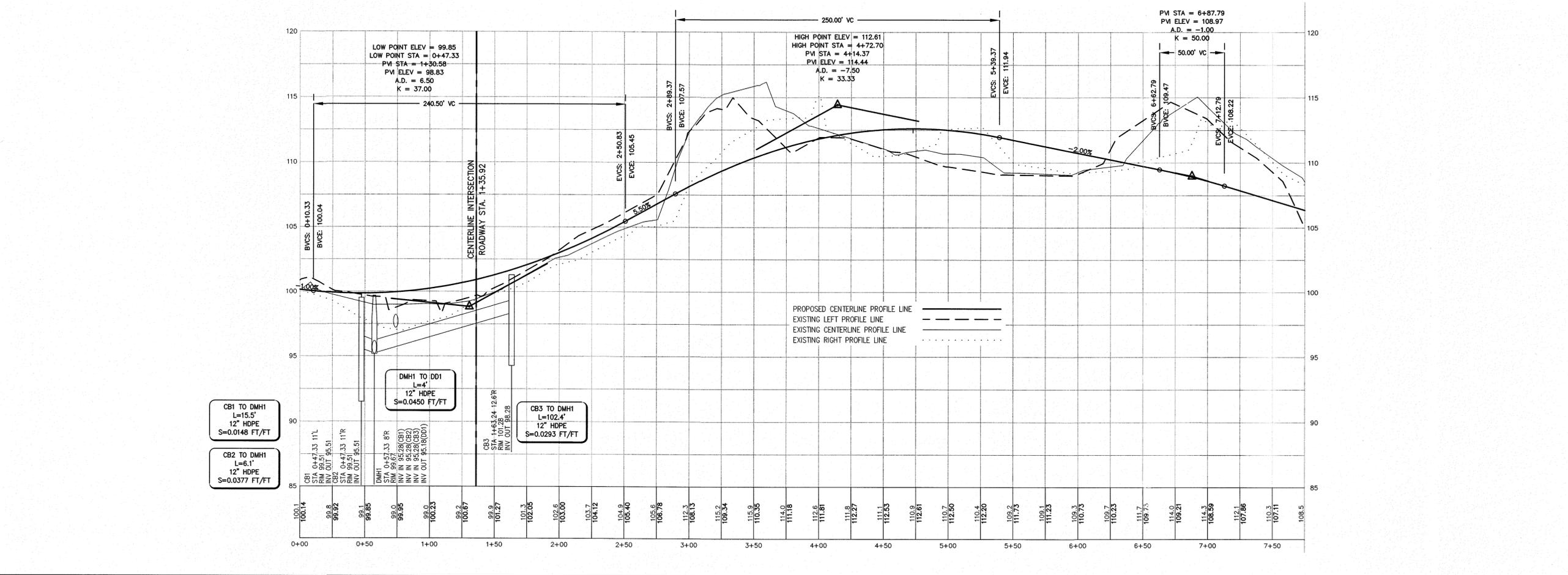
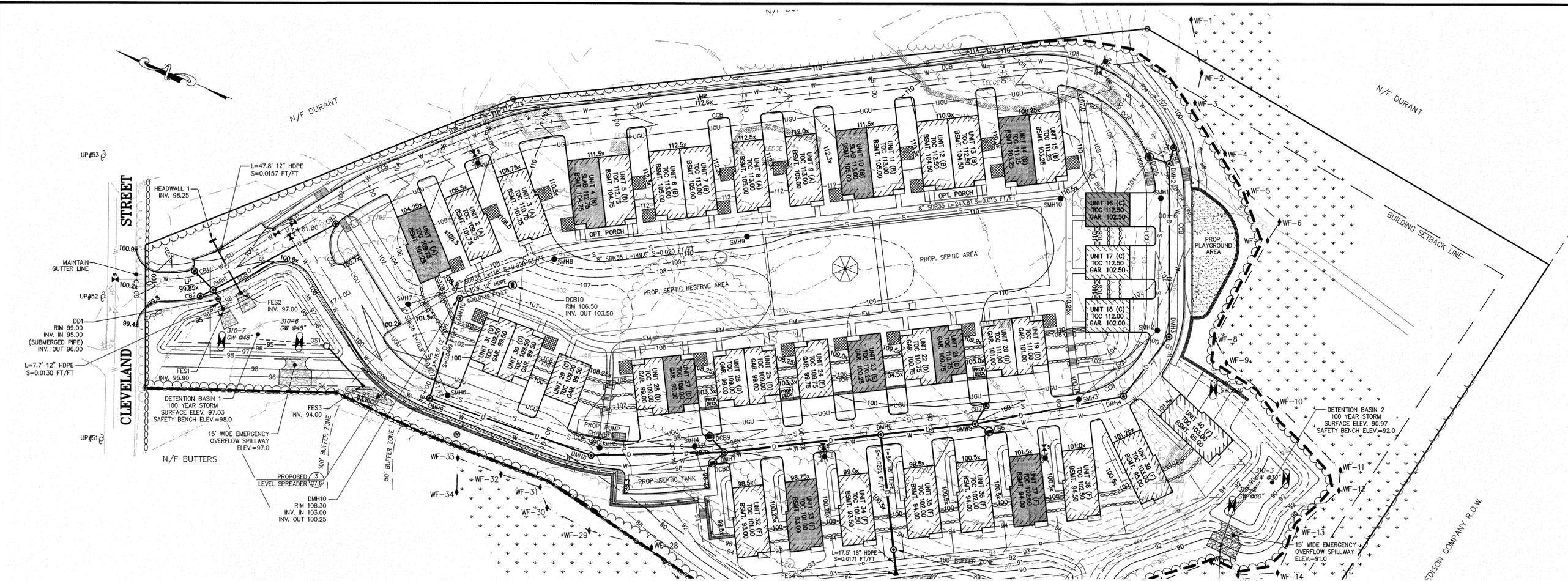


SHEET TITLE

TOPOGRAPHIC PLAN AND PROFILE

SHEET 1 OF 2

DRAWING NO. C-6.1
PLAN NO. L-4819





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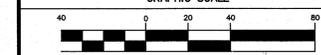
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DATE: APRIL 19, 2016

PROJECT NO.: 2014-111

GRAPHIC SCALE



(IN FEET)
HORIZONTAL: 1 inch = 40 feet
VERTICAL: 1 inch = 4 feet

SHEET TITLE

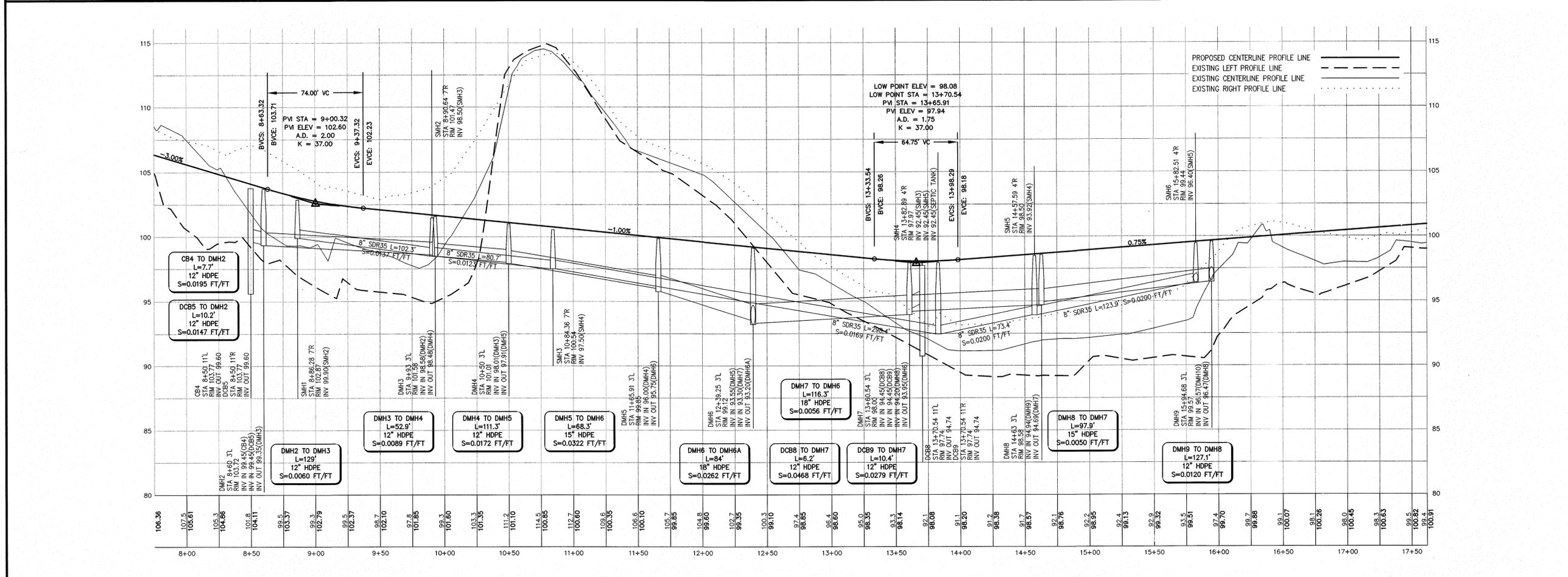
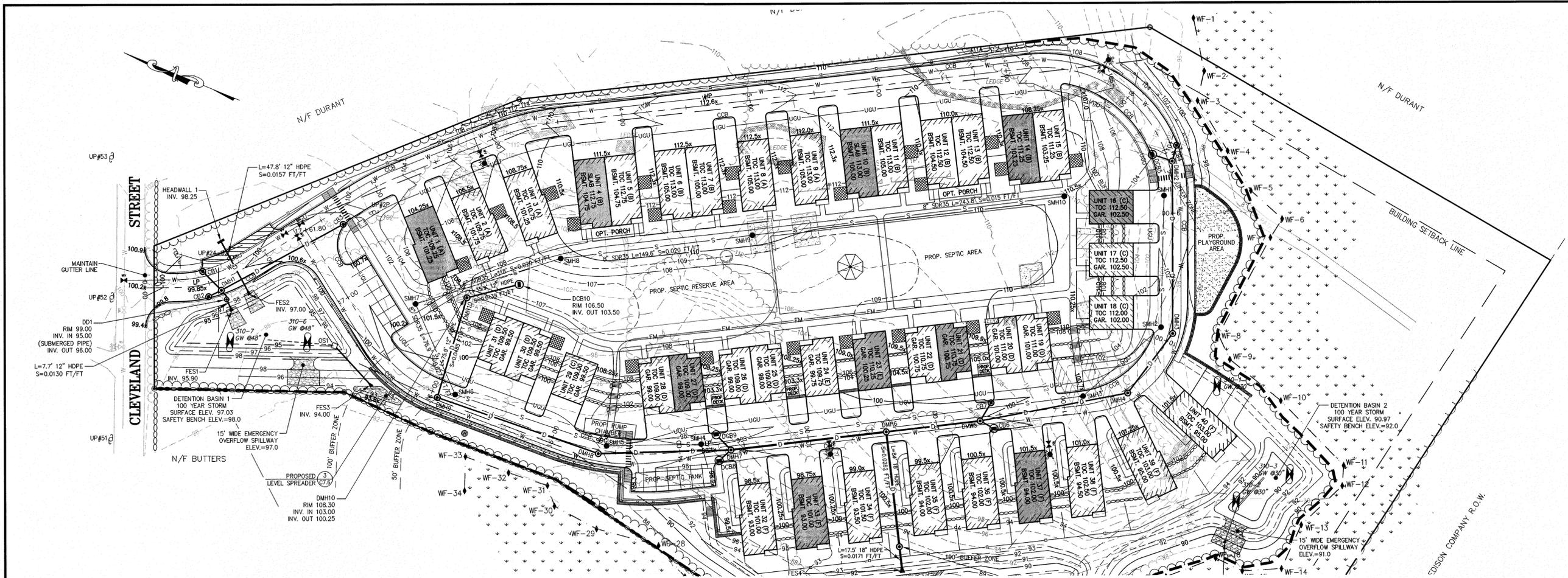
TOPOGRAPHIC PLAN
AND PROFILE

SHEET 2 OF 2

DRAWING NO.

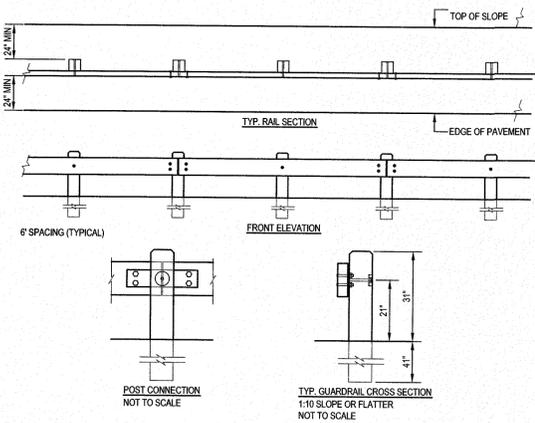
C-6.2

PLAN NO. L-4819



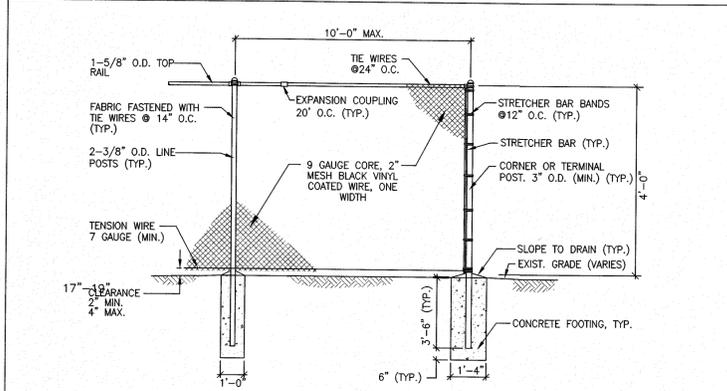


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 TOLL FREE: 1-888-934-1605
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 FAX: (706) 235-8132
 www.timbarrier.com

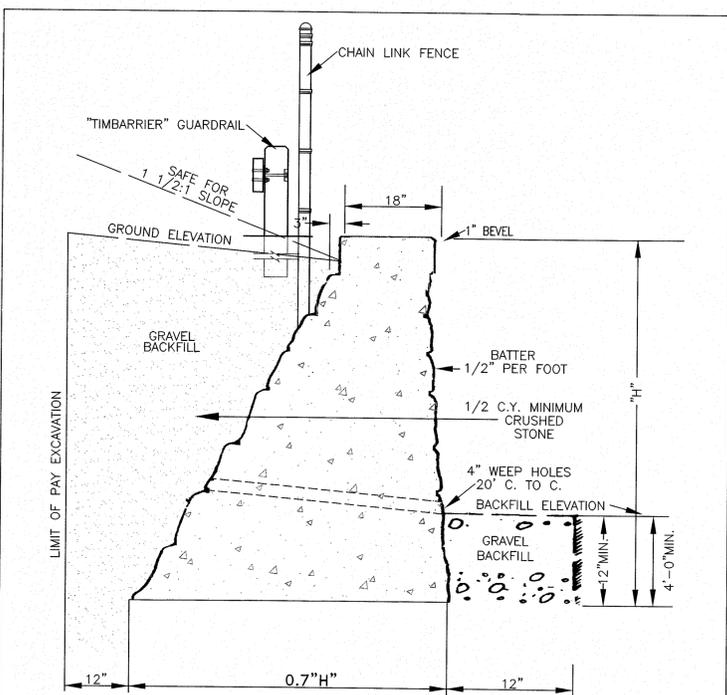


- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. IF TOP OF SLOPE IS CLOSER THAN 24" INCREASE POST LENGTH TO 7'.
 4. DRIVE POSTS OR AUGER BACKFILL WITH NATIVE SOIL AND COMPACT EVERY 12".
 5. ALL TIMBER #1 S4S SOUTHERN PINE, PRESSURE TREATED: AWPAC14, WOOD FOR USE IN HWY. CONSTR.
 6. TYP. POST: 8" X 8" X 6' - TYP. RAIL: 4" X 12" X 11'11 1/2"
 7. FASTENERS: ASTM A307; A242; F436 TYPE 3; A563 SHS.
 8. TIMBARRIER™ SPLICE PLATE & PLATE WASHER ASTM A588.
 9. UNDER EACH BOLT HEAD ON FACE OF RAIL INSTALL ONE 7/8" WASHER.
 10. REFER TO DRAWINGS 651-005b OR 651-003; FOR TERMINAL DETAILS.
 11. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info REFERENCE NUMBER 651-003.

1 "TIMBARRIER" GUARDRAIL
 SCALE: N.T.S.

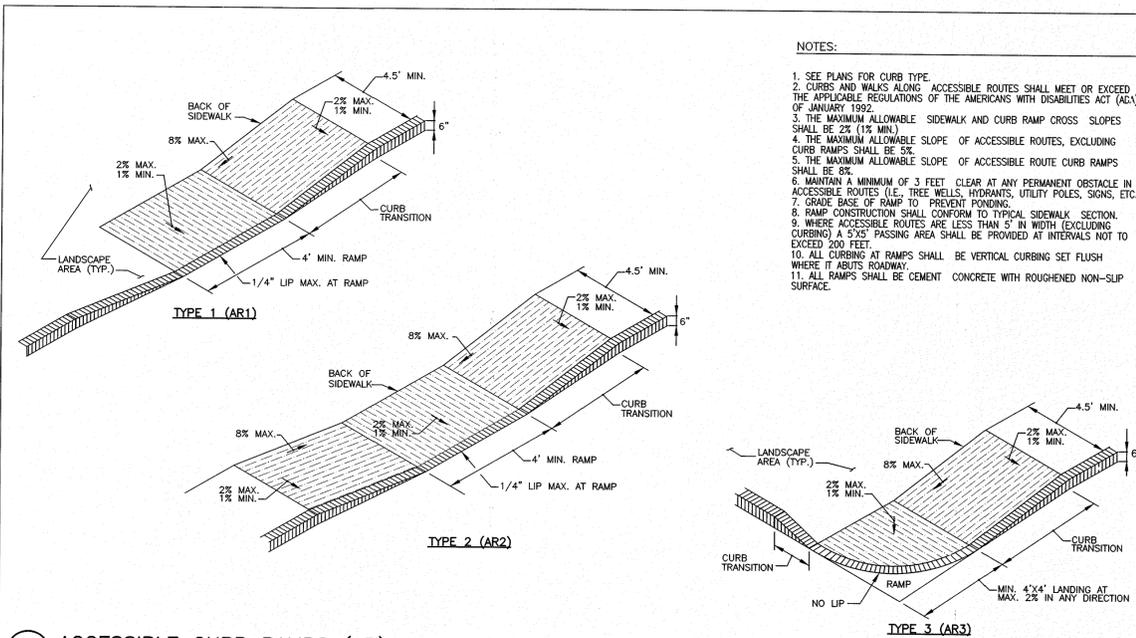


2 CHAIN FENCE (CLF)
 SCALE: N.T.S.



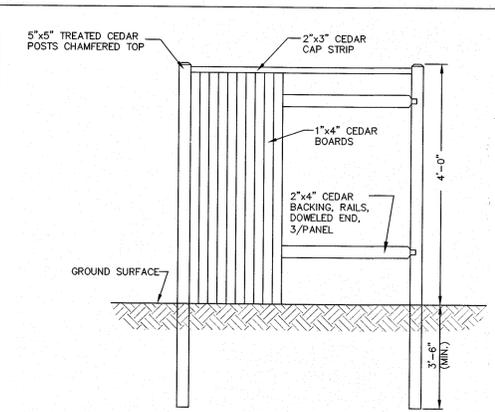
4 CONCRETE RETAINING WALL
 SCALE: N.T.S.

- NOTES:
1. ALL DIMENSIONS SHOWN ARE MINIMUM.
 2. FINAL DESIGN BY OTHERS.



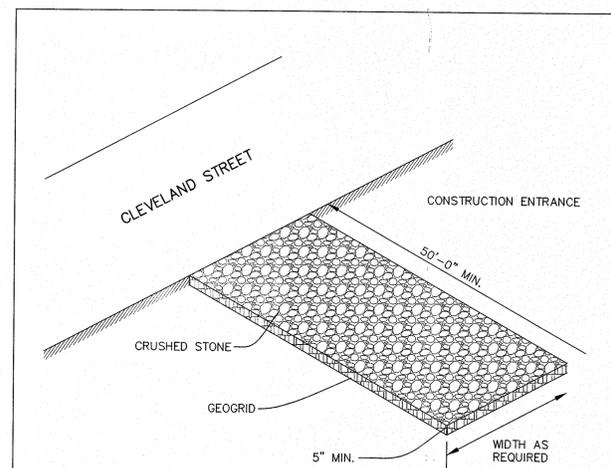
- NOTES:
1. SEE PLANS FOR CURB TYPE.
 2. CURBS AND WALKS ALONG ACCESSIBLE ROUTES SHALL MEET OR EXCEED THE APPLICABLE REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) OF JANUARY 1992.
 3. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 2% (1% MIN.).
 4. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTES, EXCLUDING CURB RAMP SHALL BE 8%.
 5. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE CURB RAMP SHALL BE 8%.
 6. MAINTAIN A MINIMUM OF 3 FEET CLEAR AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTES (I.E. TREE WELLS, HYDRANTS, UTILITY POLES, SIGNS, ETC.).
 7. GRADE BASE OF RAMP TO PREVENT PONDING.
 8. RAMP CONSTRUCTION SHALL CONFORM TO TYPICAL SIDEWALK SECTION.
 9. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5' IN WIDTH (EXCLUDING CURBING) A 5' X 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
 10. ALL CURBING AT RAMP SHALL BE VERTICAL CURBING SET FLUSH WHERE IT ABUTS ROADWAY.
 11. ALL RAMP SHALL BE CEMENT CONCRETE WITH ROUGHENED NON-SLIP SURFACE.

3 ACCESSIBLE CURB RAMP (AR)
 SCALE: N.T.S.

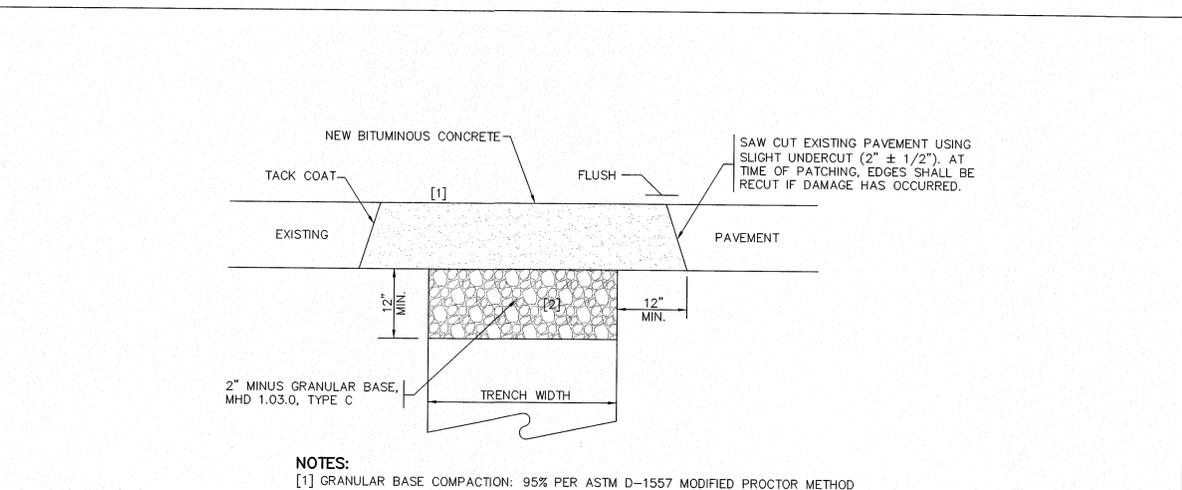


5 PRIVACY FENCE
 SCALE: N.T.S.

- NOTE:
1. FINAL FENCE MATERIAL AND COLOR TO BE DETERMINED BY APPLICANT.

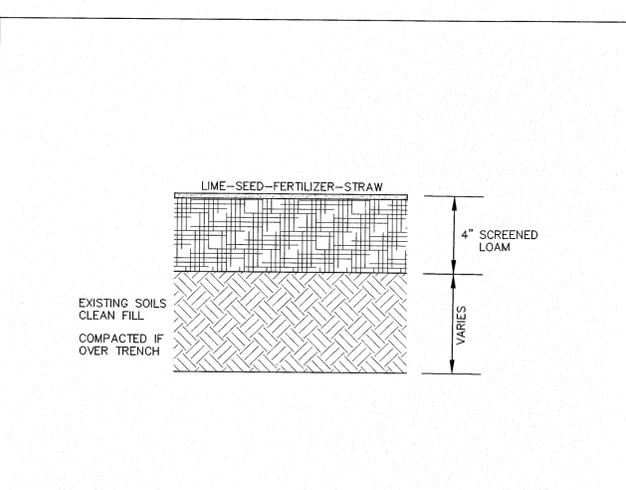


6 CONSTRUCTION ENTRANCE
 SCALE: N.T.S.

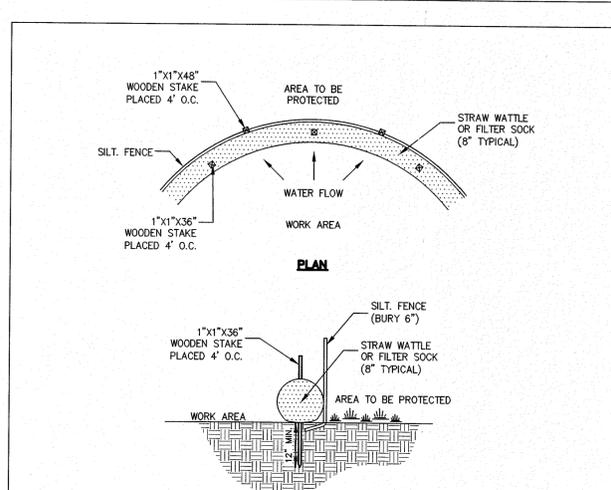


- NOTES:
- [1] GRANULAR BASE COMPACTION: 95% PER ASTM D-1557 MODIFIED PROCTOR METHOD
 - [2] BIT. CONCRETE COMPACTION: 95%

7 TRENCH PATCH
 SCALE: N.T.S.



8 LOAM & SEED
 SCALE: N.T.S.



9 EROSION CONTROL BARRIER (ECB)
 SCALE: N.T.S.



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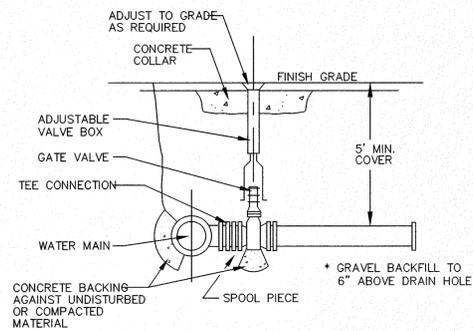
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NO.	DATE	DESCRIPTION

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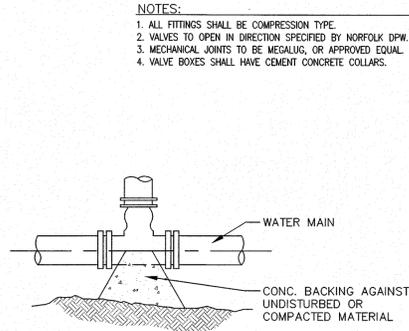
SHEET TITLE
**CONSTRUCTION
 DETAILS**
 SHEET 2 OF 6

DRAWING NO.
C-7.2

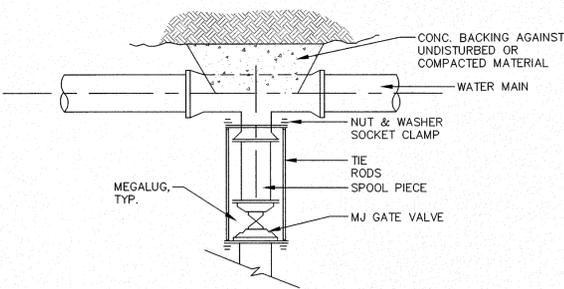
PLAN NO. L-4819



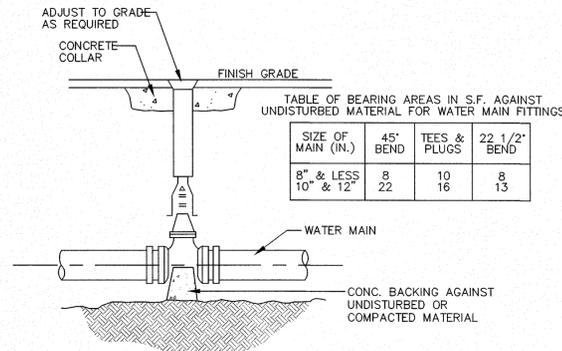
TYPICAL VALVE DETAIL



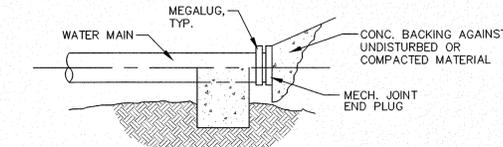
TYPICAL TEE



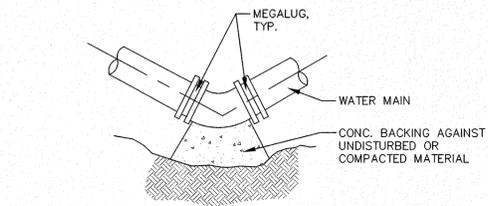
TYPICAL VALVE CONNECTION - RESTRAINED JOINT TEE



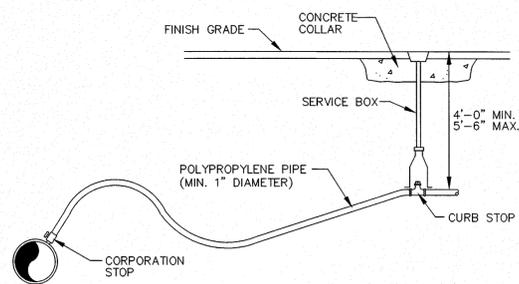
TYPICAL VALVE



TYPICAL PLUG DETAIL



TYPICAL BEND DETAIL



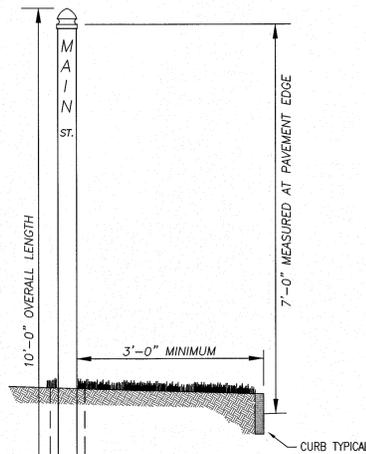
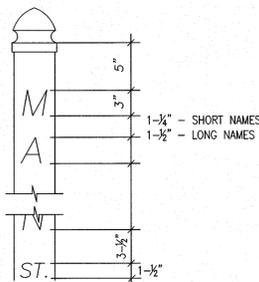
TYPICAL WATER SERVICE DETAIL

NOTE:
WATER APPURTENICES TO CONFORM WITH LOCAL WATER COMPANY SPECIFICATIONS.

1 TYPICAL WATER SUPPLY DETAILS
SCALE: N.T.S.

MATERIAL - POST AND CAP:

- NOMINAL 5" x 5" SQUARE SECTION POST
- MATCHING GOTHIC CAP
- WHITE 100% VIRGIN VINYL WITH TITANIUM DIOXIDE CONTENT FOR UV PROTECTION
- 0.200 IN. WALL THICKNESS
- AS MANUFACTURED BY KROY BUILDING PRODUCTS, INC. OR APPROVED EQUAL
- JOIN CAP TO POST WITH CLEAR PVC SOLVENT CEMENT MEETING ASTM D-2564



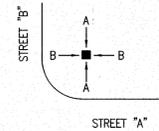
- NOTES:
- DIG HOLE WITH APPROPRIATELY SIZED POST HOLE DIGGER OR AUGER.
 - POST MUST BE SET PLUMB.
 - BACKFILL IN LIFTS OF NO MORE THAN 6". TAMP EARTH LIFT THOROUGHLY.

LETTERING:

- HELVETICA MEDIUM STYLE
- VINYL - FOR EXTERIOR USE
- PRESSURE SENSITIVE ADHESIVE
- REFLECTIVE BLACK
- STREET NAME - 3" HIGH LETTERS
- DESIGNATION (ST, DR, ETC) 1-1/2" HIGH

DESIGNATION ABBREVIATIONS:

- | | |
|----------------------------|--------|
| STREET | * ST |
| DRIVE | * DR |
| WAY | * WAY |
| LANE | * LA |
| ROAD | * RD |
| TERRACE | * TER |
| TRAIL | * TR |
| PATH | * PATH |
| AVENUE | * AVE |
| BOULEVARD | * BLVD |
| SUBMIT OTHERS FOR APPROVAL | |
| *NO PERIODS USED* | |



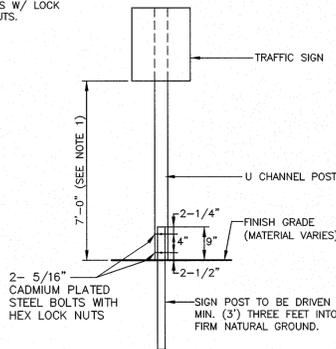
PULL UP DETERRANT:

- STAINLESS STEEL EYEBOLTS AND NUTS
- SNUG NUTS ONLY - DO NOT OVERTIGHTEN
- DRIVEN 1/2" REBAR 2 FOOT MINIMUM LENGTH

2 TYPICAL STREET SIGN
SCALE: N.T.S.

NOTES:

- SEE TRAFFIC CONTROL SCHEDULE FOR EXACT MOUNTING HEIGHT.
- CHANNEL POST SECTIONS TO BE CONNECTED WITH AT LEAST TWO(2) APPROPRIATELY SIZED GALVANIZED BOLTS W/ LOCK WASHERS AND NUTS.

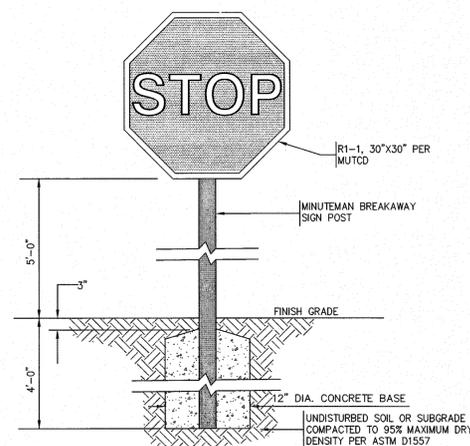


3 TYPICAL BREAKAWAY SIGN POST DETAIL
SCALE: N.T.S.

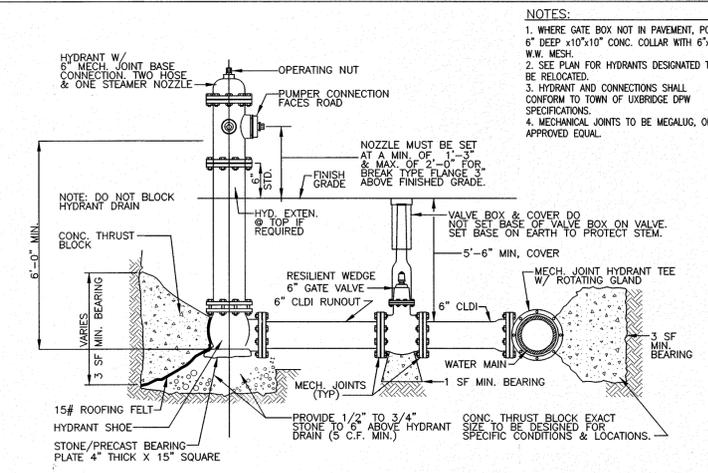
SIGN NO.	SIGN	SIZE AND COLOR
R1-1		30"x30"; WHITE ON RED
D-3		6" X VARIES"; WHITE ON GREEN 3" MIN LETTERS
R1-2		36"x36"x36"; RED ON WHITE
		18"x24"; BLACK ON WHITE

NOTE:
ALL SIGNS ARE REFLECTORIZED AND HAVE 7'-0" CHANNEL MOUNTING HEIGHT.

4 TRAFFIC CONTROL SIGNAGE
SCALE: N.T.S.



5 STOP SIGN
SCALE: N.T.S.



6 TYPICAL FIRE HYDRANT CONNECTION DETAIL
SCALE: N.T.S.

ASE

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PROJECT: LAKELAND FARMS
TOWNHOUSE COMMUNITY
84 CLEVELAND STREET
NORFOLK, MA 02056

APPLICANT: LAKELAND FARMS, LLC
84 CLEVELAND STREET
NORFOLK, MA 02056

REVISIONS

NO.	DATE	DESCRIPTION

CAD FILE: \dwg\2014-111_SP.dwg
DRAWN BY: SJO, TRB
CHECKED BY: PBH, BJA
DATE: APRIL 19, 2016
PROJECT NO: 2014-111

SHEET TITLE

CONSTRUCTION
DETAILS

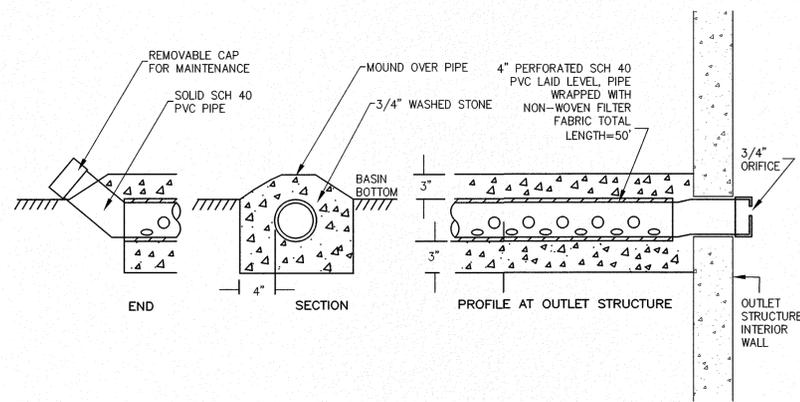
SHEET 3 OF 6



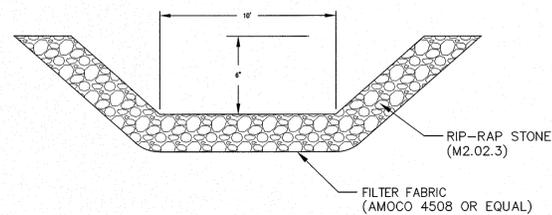
DRAWING NO.

C-7.3

PLAN NO. L-4819



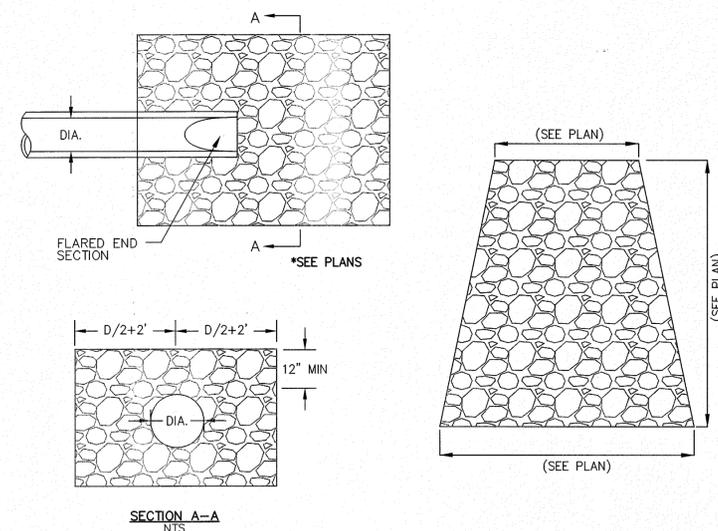
1 WATER QUALITY / DRAWDOWN DEVICE (BASIN 1 & INF. BASIN)
SCALE: N.T.S.



2 STONE RIP-RAP EMERGENCY SPILLWAY
SCALE: N.T.S.

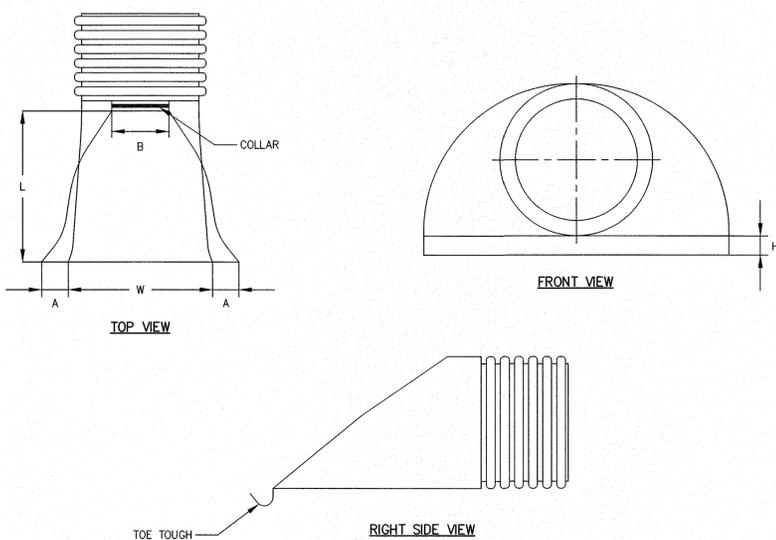
NOTES:

1. MINIMUM STONE DIAMETER: 6"
2. MINIMUM WEIGHT OF STONE: 50 LBS.
3. MAXIMUM WEIGHT OF STONE: 125 LBS.
4. PLACE ALL RIP-RAP OVER FILTER FABRIC, AMOCO 4508 OR APPROVED EQUAL.

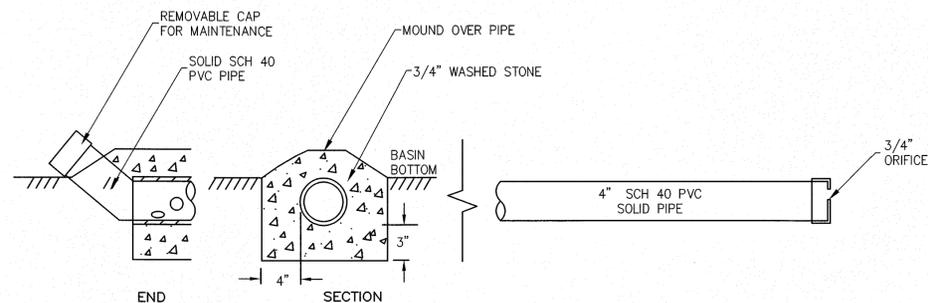


3 STONE RIP-RAP FOR PIPE ENDS
SCALE: N.T.S.

PIPE DIAMETER (INCHES)						
DIAMETER (INCHES)	12	15	18	24	30	36
A (INCHES)	6.5	6.5	7.5	7.5	7.5	7.5
B (MAX) (INCHES)	10.0	10.0	15.0	18.0	22.0	25.0
H (INCHES)	6.5	6.5	6.5	6.5	8.6	8.6
L (INCHES)	25.0	25.0	32.0	36.0	58.0	58.0
W (INCHES)	29.0	29.0	35.0	45.0	63.0	63.0



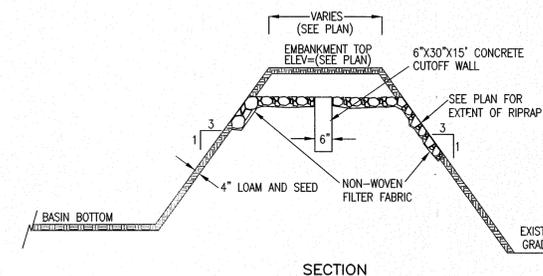
4 CORRUGATED POLYETHYLENE FLARED-END SECTION (FES)
SCALE: N.T.S.



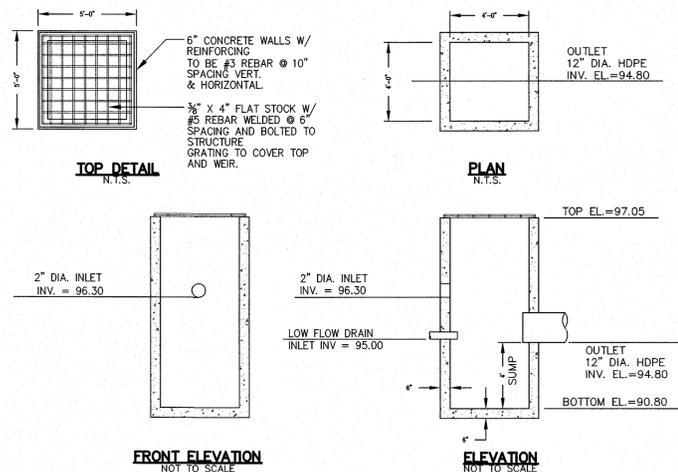
5 LOW FLOW DRAIN (BASIN 2)
SCALE: N.T.S.

NOTES:

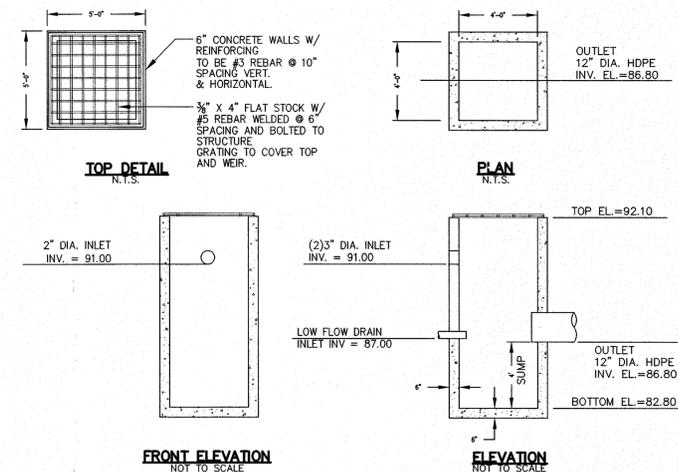
1. EMBANKMENT TO BE CONSTRUCTED OF CLEAN FILL FREE OF ORGANIC SOILS/MATERIALS WITH NO STONES OVER 12" MAX. DIMENSION. EMBANKMENT TO BE CONSTRUCTED IN COMPACTED LIFTS NOT TO EXCEED 8".
2. BASIN BOTTOM AND SIDE SLOPES (INSIDE AND OUT) TO BE COVERED WITH 4" LOAM AND SEED.
3. RIPRAP SPILLWAY STONE TO BE 4" MINIMUM, 6" MAXIMUM.



6 TYPICAL EMBANKMENT/SPILLWAY
SCALE: N.T.S.



7 OUTLET STRUCTURE (OS1) - ORIFICE/GRATE DETAIL
SCALE: N.T.S.



8 OUTLET STRUCTURE (OS2) - ORIFICE/GRATE DETAIL
SCALE: N.T.S.

PROJECT: LAKELAND FARMS TOWNHOUSE COMMUNITY 84 CLEVELAND STREET NORFOLK, MA 02056

APPLICANT: LAKELAND FARMS, LLC 84 CLEVELAND STREET NORFOLK, MA 02056

REVISIONS		
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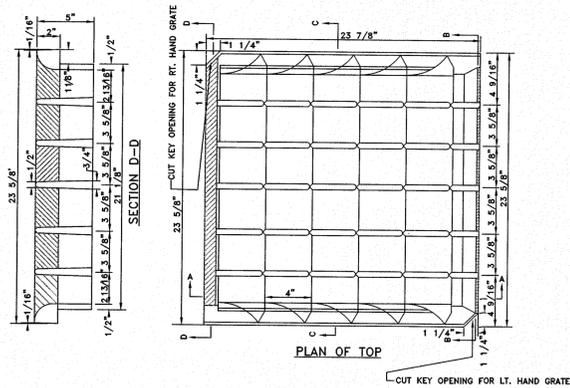
CAD FILE: \dwg\2014-111_SP.dwg
DRAWN BY: SJO, TRB
CHECKED BY: PBH, BJA
DATE: APRIL 19, 2016
PROJECT NO.: 2014-111

SHEET TITLE

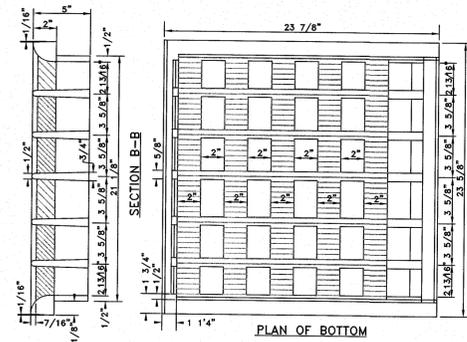
CONSTRUCTION DETAILS
SHEET 4 OF 6

DRAWING NO. C-7.4
PLAN NO. L-4819

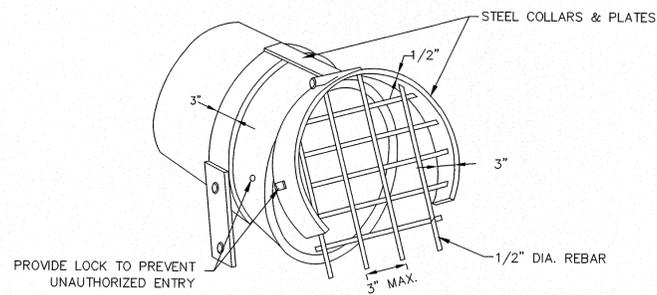
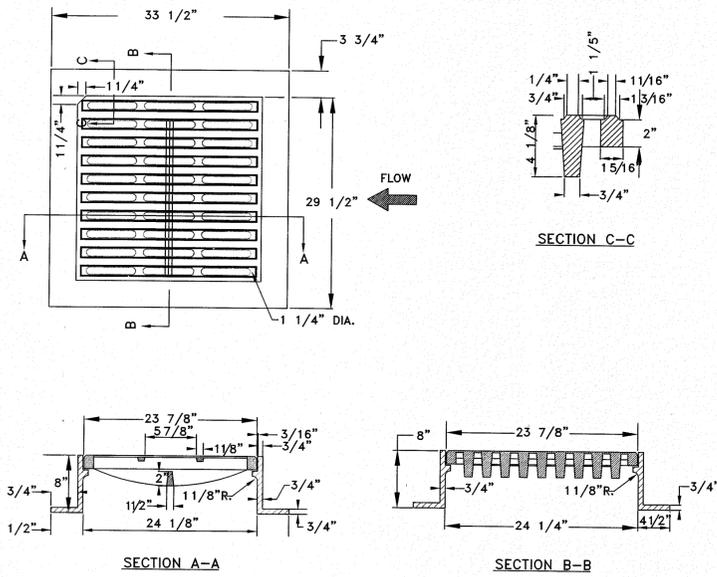




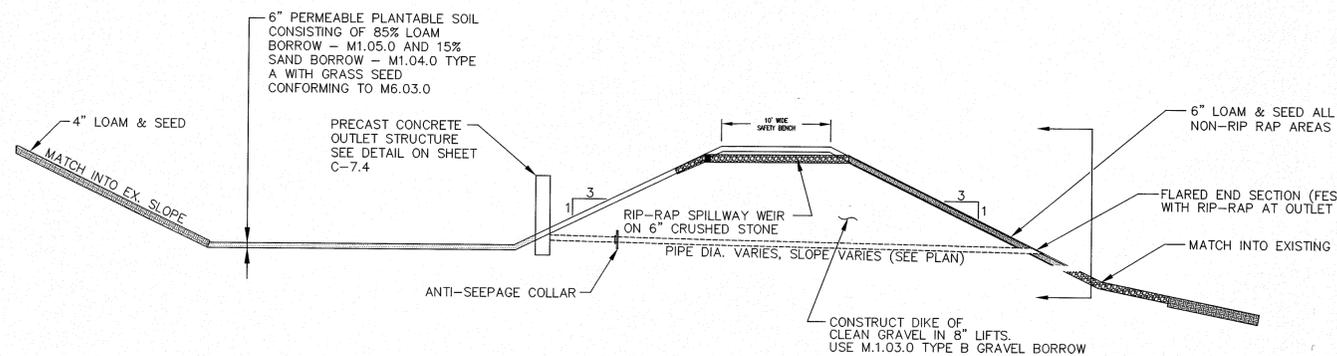
1 CASCADE CATCH BASIN GRATE (LEBARON LK120D)
SCALE: N.T.S.



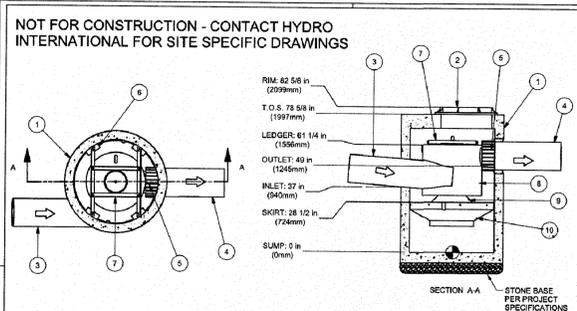
2 CATCH BASIN GRATE (LEBARON LF248-2)
SCALE: N.T.S.



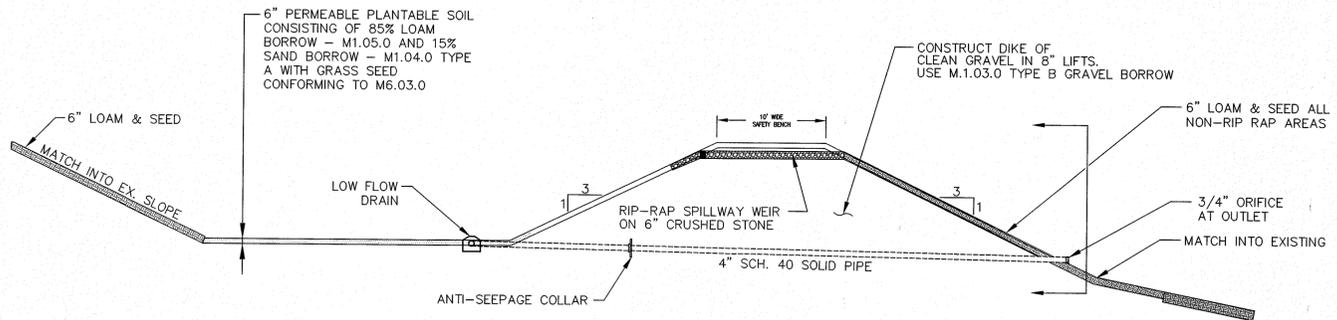
3 OUTLET PROTECTION DETAIL
SCALE: N.T.S.



4 INFILTRATION BASIN CROSS SECTION (BASIN 1 & INF. BASIN)
SCALE: N.T.S.



5 DOWNSTREAM DEFENDER DETAIL
SCALE: N.T.S.



6 INFILTRATION BASIN CROSS SECTION (BASIN 2)
SCALE: N.T.S.

ASE

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Land Surveying - Civil Engineering - Site Planning

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PROJECT:
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DRAWN BY: SJO, TRB

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DATE: APRIL 15, 2016

PROJECT NO.: 2014-111

SHEET TITLE

CONSTRUCTION
DETAILS

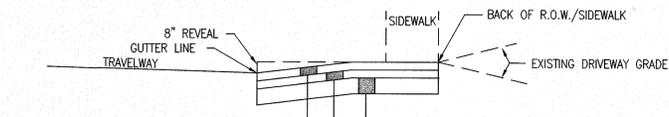
SHEET 5 OF 6

DRAWING NO.

C-7.5

PLAN NO. L-4819



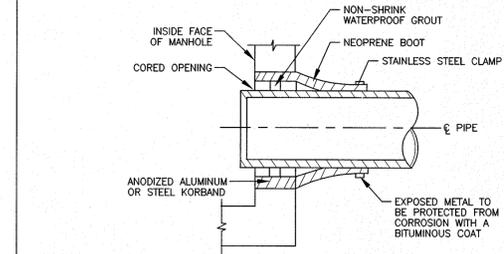
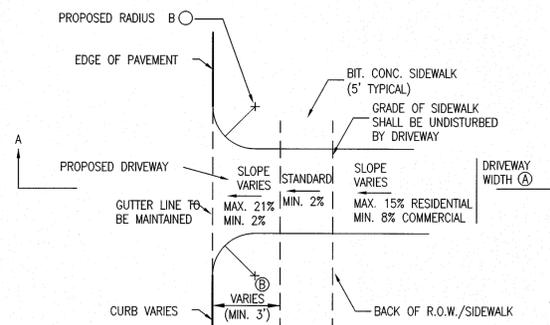


LIMIT OF PAVEMENT SECTION INDICATED TO BE CONSTRUCTED TO LIMIT OF ROADWAY ROW

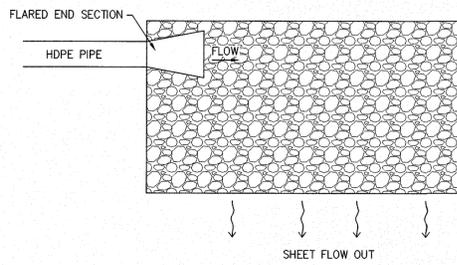
TYPE	MAX. (A) MIN.		MAX. (B) MIN.		①	②	③	
	12'	8'	10'	5'				
RESIDENTIAL	12'	8'	10'	5'	12"	2"	1"	
COMMERCIAL	24'	20'	30'	20'	12"	2.5"	1.5"	
MAXIMUM ALLOWABLE GRADE CHANGE*					DESIRABLE		MAXIMUM	
LOW VOLUME DRIVEWAY ON LOCAL STREET					± 6%	± 6% (CREST CURVE)	± 9% (SAG CURVE)	

*MORE ABRUPT CHANGES REQUIRE VERTICAL CURVES AT LEAST 10' LONG

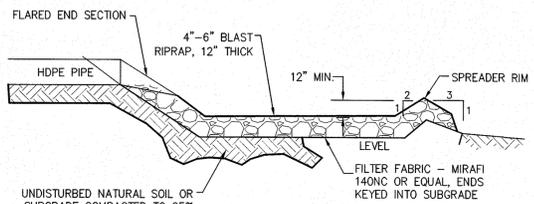
1 TYPICAL DRIVEWAY OPENING
SCALE: N.T.S.



2 SEWER PIPE CONNECTION
SCALE: N.T.S.

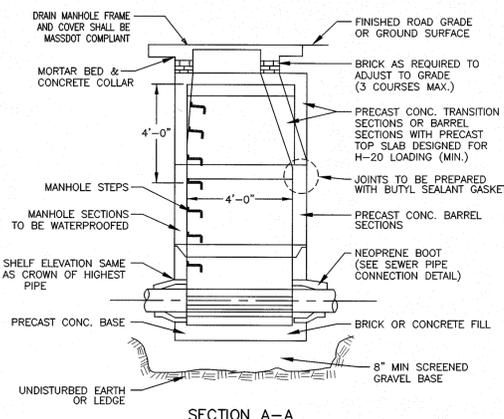


PLAN

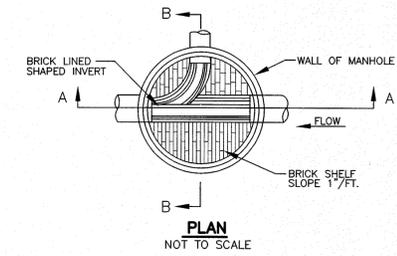


CROSS SECTION

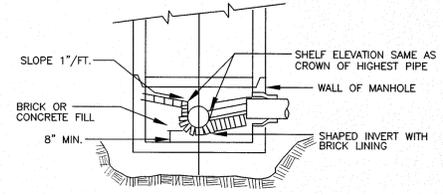
3 LEVEL SPREADER
SCALE: N.T.S.



SECTION A-A



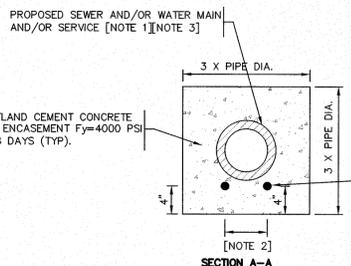
PLAN
NOT TO SCALE



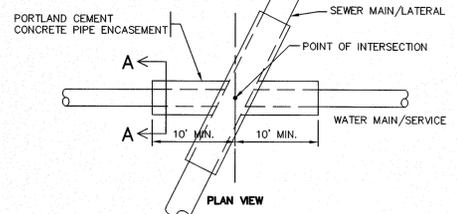
SECTION B-B
NOT TO SCALE

4 TYPICAL PRECAST CONCRETE 48" DIAMETER SEWER MANHOLE (SMH)
SCALE: N.T.S.

NOTES:
[1] CONCRETE PIPE ENCASUREMENT TO EXTEND 10 FT ALONG SEWER LINE AND WATER LINE FROM POINT OF INTERSECTION.
[2] DISTANCE EQUAL TO PIPE DIAMETER.
[3] CONCRETE PIPE ENCASUREMENT REQUIRED WHENEVER PROPOSED SEWER MAIN/LATERAL IS WITHIN 10' OF PROPOSED WATER MAIN/SERVICE.

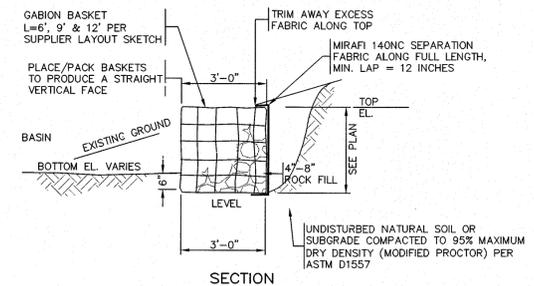


SECTION A-A

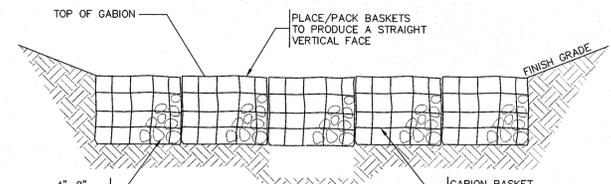


PLAN VIEW

5 PIPE ENCASUREMENT
SCALE: N.T.S.



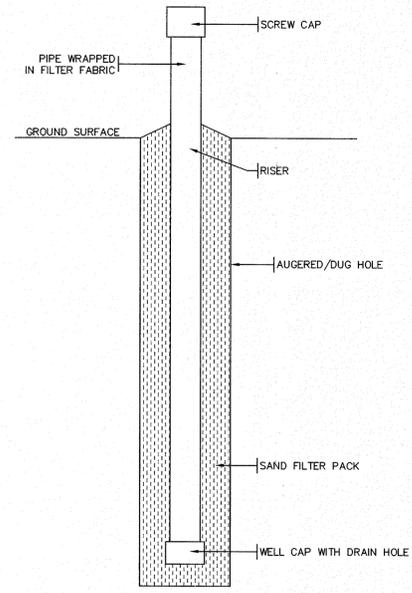
SECTION



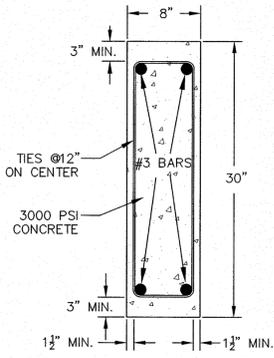
PROFILE

8 GABION FOREBAY DETAIL
SCALE: N.T.S.

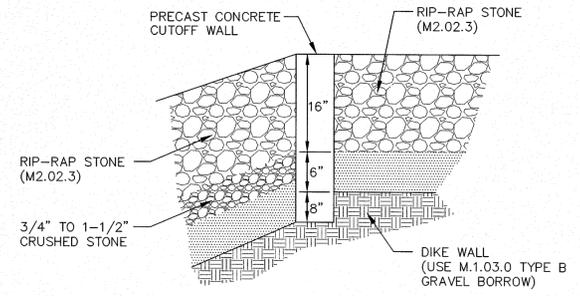
NOTES:
1. EMBANKMENT TO BE CONSTRUCTED OF CLEAN FILL FREE OF MONITORING WELL TO BE MINIMUM 2IN DIAMETER PERFORATED SCH-40 PVC PIPE.
2. PIPE SHALL BE WRAPPED IN FILTER FABRIC IF INSTALLED IN OPEN HOLE.
3. END OF PIPE TO BE HAVE SCREW CAP AND BE RAISED 1 FOOT ABOVE THE SURROUNDING GROUND.



9 MONITORING WELL DETAIL
SCALE: N.T.S.



6 CUTOFF WALL DETAIL
SCALE: N.T.S.



7 CUTOFF WALL CONFIGURATION DETAIL
SCALE: N.T.S.

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CHECKED BY: PBH, BJA
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SHEET TITLE
CONSTRUCTION DETAILS
SHEET 6 OF 6

DRAWING NO. C-7.6
PLAN NO. L-4819

