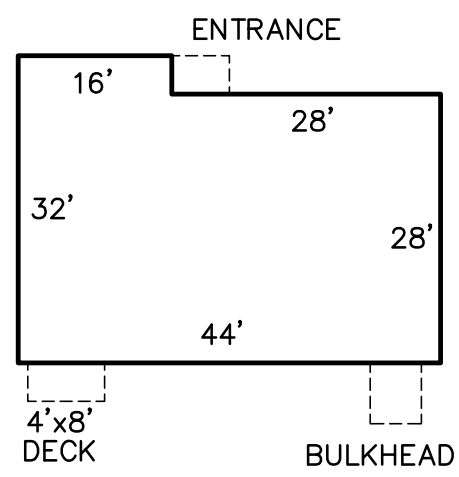
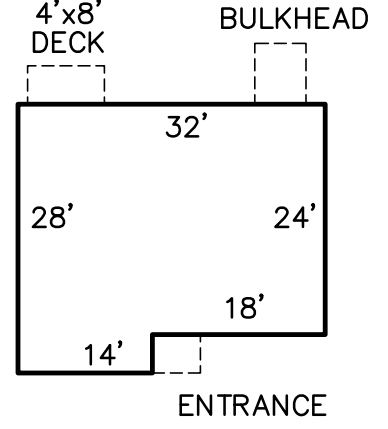


LOT COVERAGE NOTES				
	MAXIMUM ALLOWABLE	PROPOSED LOT1	PROPOSED LOT2	PROPOSED LOT3
BY STRUCTURES	20%	5.2%	6.3%	12.0%
BY STRUCTURES/ PAVING/PARKING	40%	9.9%	21.8%	18.5%



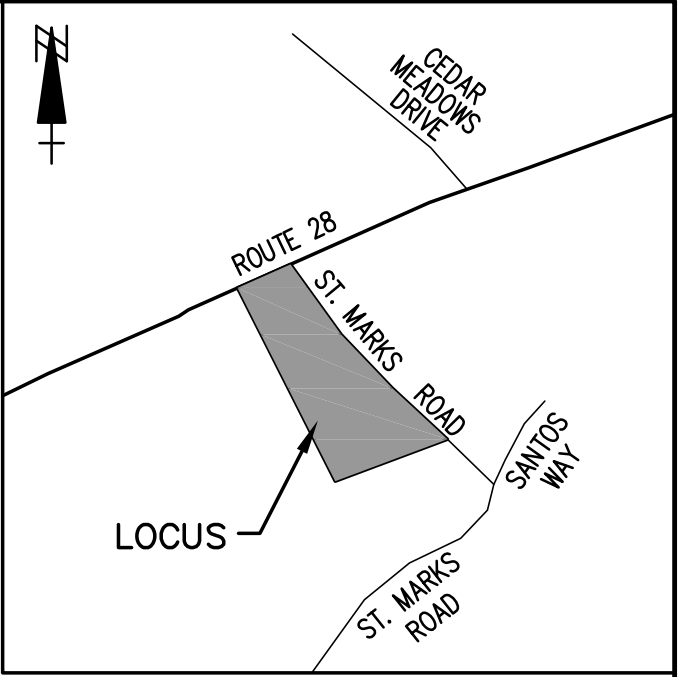
RANCH STYLE



SALT BOX STYLE

DWELLING BUILDING DETAILS

SCALE: 1" = 20'



LOCUS MAP
NOT TO SCALE

TABLE OF CONTENTS	
LAYOUT PLAN	1 OF 4
EXISTING CONDITIONS	2 OF 4
GRADING, DRAINAGE & UTILITIES	3 OF 4
CONSTRUCTION DETAILS	4 OF 4

LIST OF POTENTIAL WAIVERS:
(ZONING DISTRICT: RESIDENCE C)

	REQUIRED	PROPOSED
MINIMUM LOT FRONTAGE:	100 L.F.	56.15 FT. (LOT 2)
MINIMUM LOT WIDTH:	100 FT.	91.5 FT. (LOT 3)
MINIMUM LOT SIZE:	40,000 S.F.	14,422 S.F. (LOT 2) 11,585 S.F. (LOT 3)

APPLICANT:

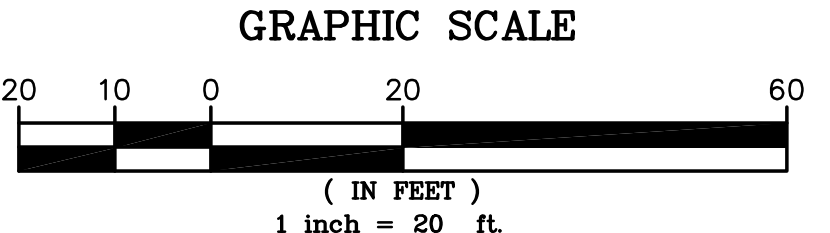
FALMOUTH HOUSING TRUST
P.O. BOX 465
FALMOUTH, MA 02541-0465

OWNER:

TOWN OF FALMOUTH
59 TOWN HALL SQUARE
FALMOUTH, MA 02540

NOTES

- HOUSE NUMBER: 761 TEATICKET HIGHWAY (ROUTE 28)
- ASSESSOR'S NUMBER: 34 06 015 011K
- ZONING DISTRICT: RESIDENCE C (NOT IN A WATER RESOURCE DISTRICT)
- FLOOD HAZARD ZONES: FLOOD ZONES C
- BENCHMARK: AS SHOWN
- TOPOGRAPHIC INFORMATION BASED ON AN ON THE GROUND INSTRUMENT SURVEY.
- ELEVATIONS SHOWN ARE BASED ON THE NATIONAL GEODETIC VERTICLE DATUM.
- THIS PROPERTY IS NOT MAPPED WITHIN A DEP APPROVED ZONE II.
- THIS PROPERTY IS MAPPED WITHIN GREAT POND COASTAL POND OVERLAY DISTRICT.
- THIS PROPERTY IS NOT MAPPED WITHIN PRIORITY OR ESTIMATED HABITATS OF RARE WILDLIFE OR SPECIES BY NHESP.
- TOTAL SITE AREA = 1.00± ACRES
- WIND EXPOSURE ZONE: B

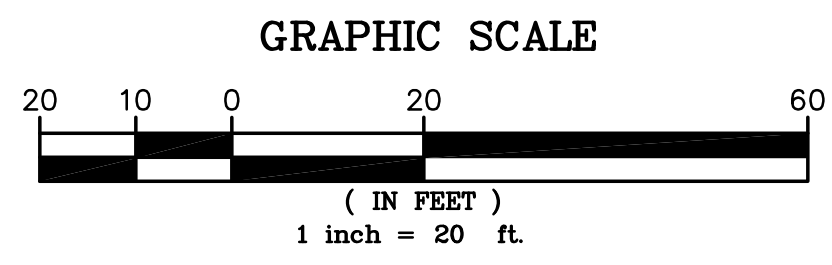
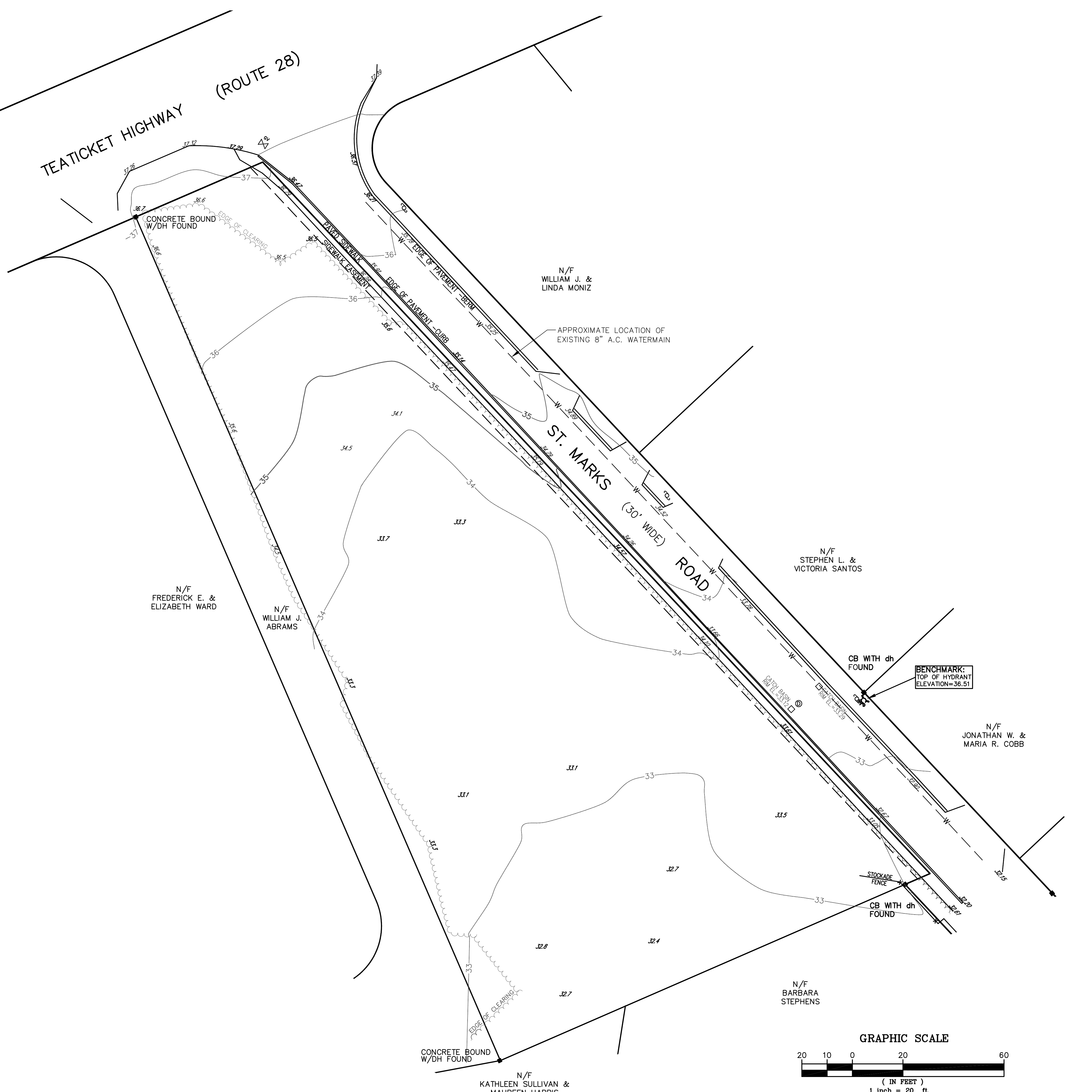


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DATE	DESCRIPTION	Drawn	Checked
REVISIONS			
LAYOUT PLAN			
SITE PLAN			
PREPARED FOR			
FALMOUTH HOUSING TRUST			
IN			
TEATICKET	FALMOUTH	MA	
SCALE: 1"=20'	DATE: JULY 16, 2013		
holmes and mcgrath, inc. civil engineers and land surveyors 205 worcester court, suite A4 (508) 548-3564 (PHONE) falmouth, ma. 02540 (508) 548-9672 (FAX)			
DRAWN: LAC	CHECKED:		
JOB NO: 213089	DWG. NO.: 87-4-30B	SHEET 1 OF 4	



TEATICKET HIGHWAY (ROUTE 28)



LEGEND	
BOUND	■
WATER LINE	—W—
HYDRANT	⊕
LIGHT POLE	⊙
GAS GATE VALVE	⊗
EDGE OF CLEARING	~
EXISTING GRADE	—33—
EXISTING SPOT GRADE	33.61
CATCH BASIN	□
DRAIN MANHOLE	⊕
STOCKADE FENCE	—x—x—

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DRAWN: LAC	CHECKED:		
JOB NO: 213089	DWG. NO.: 87-4-30B	SHEET 2 OF 4	

TEATICKET HIGHWAY (ROUTE 28)

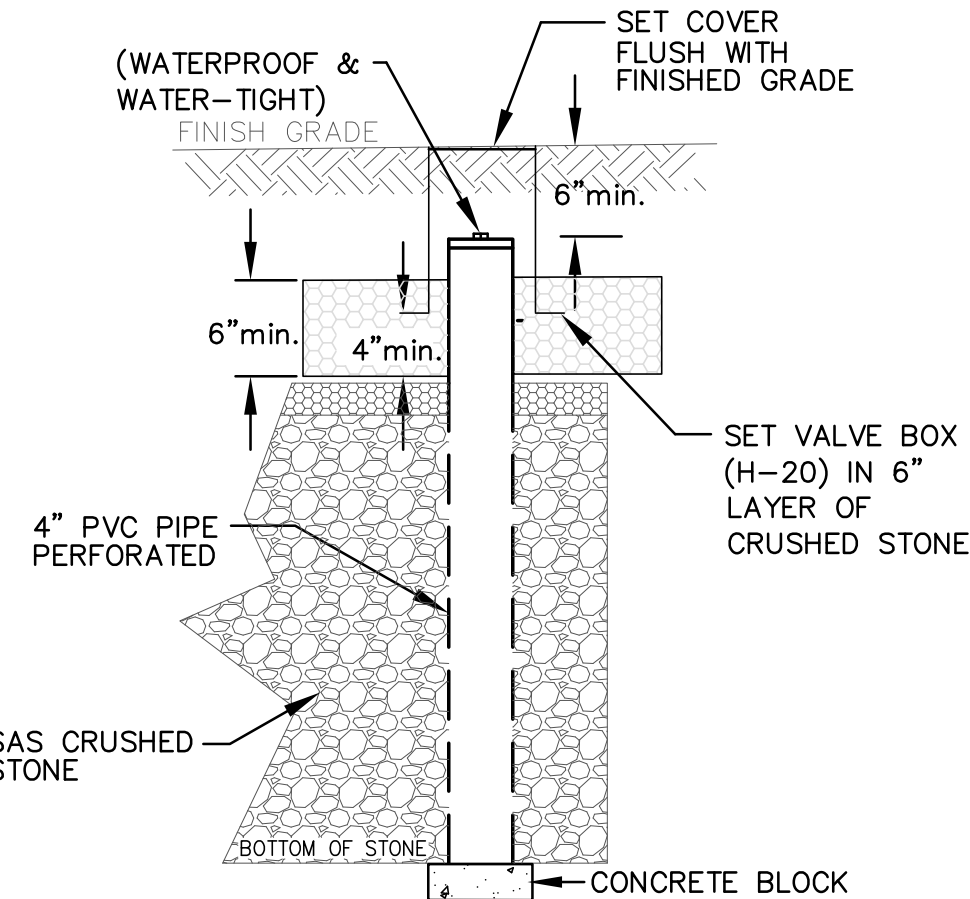
PARCEL 34 06 15 001K 43,554± SQ. FT.

LOT 1 17,626± SQ. FT.

LOT 2 14,422± SQ. FT.

LOT 3 11,585± SQ. FT.

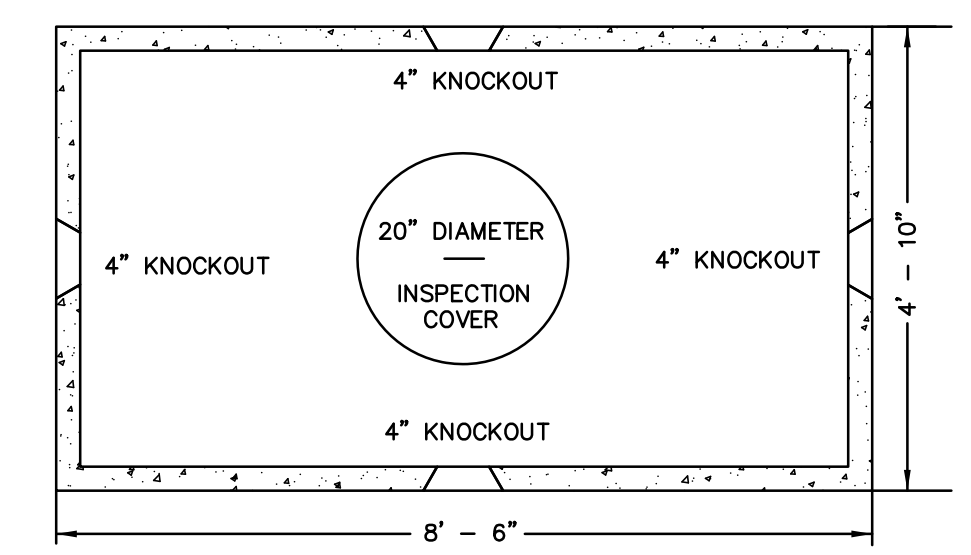
MONITORING PORT



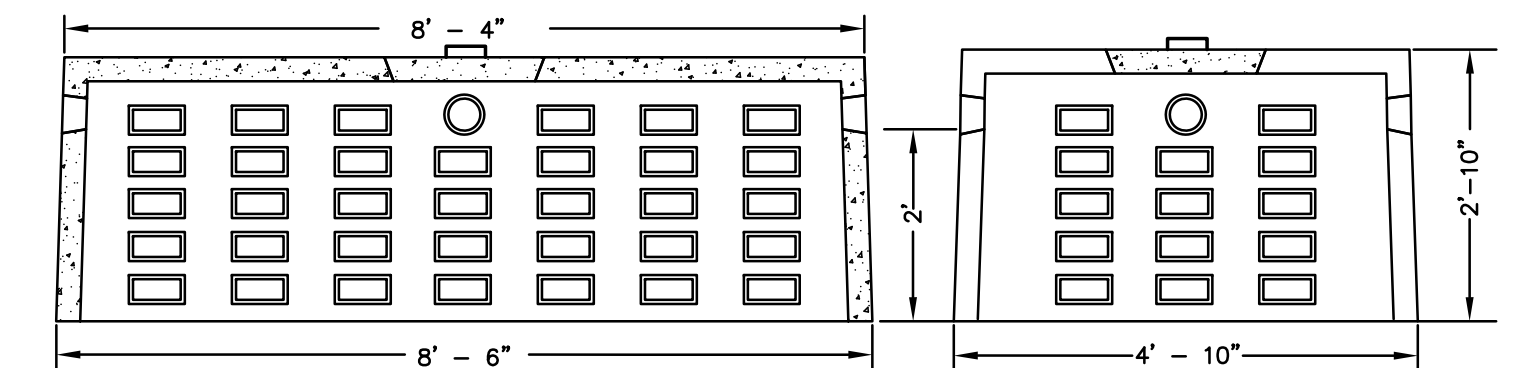
SCALE: 1" = 1'

GENERAL NOTES

- 1) No change to this system shall be made unless approved in writing by holmes and mcgrath, inc.
- 2) Subject to inspection during construction by the Board of Health and holmes and mcgrath, inc.
- 3) Heavy construction equipment shall not travel over disposal system during or after construction.
- 4) Disposal system to be constructed in accordance with Title 5 of the State Environmental Code.
- 5) A copy of these plans must be kept on the site during the time of construction.
- 6) A copy of these plans must be furnished to the contractor constructing the disposal system.
- 7) Before backfilling, the contractor shall notify holmes and mcgrath, inc., and the Board of Health and holmes and mcgrath, inc., and the Board of Health and holmes and mcgrath, inc. will examine the soil condition and report to the owner any suggested revisions.

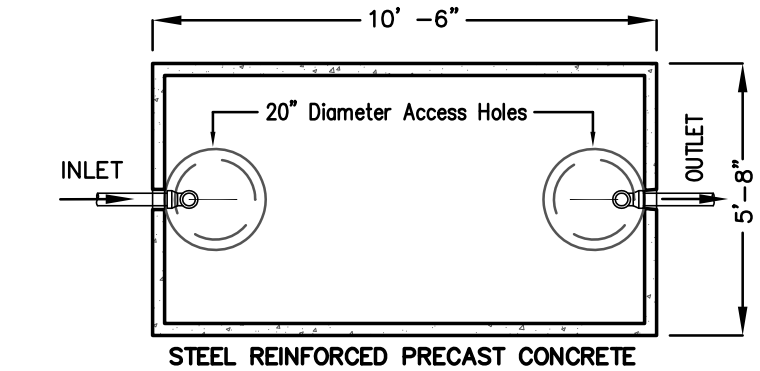


ALL WALLS ARE 3" THICK



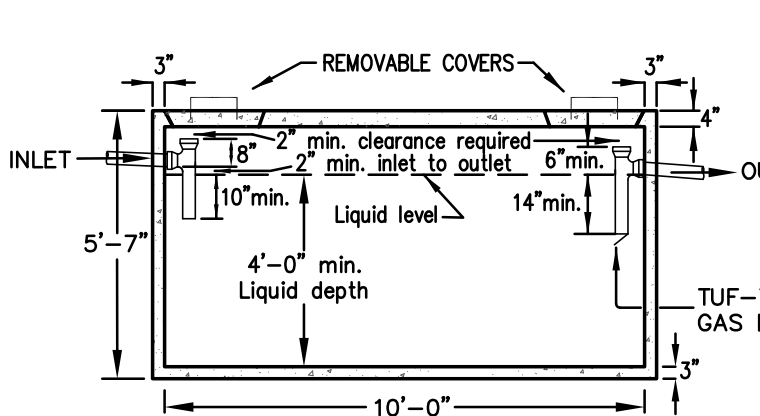
TYPICAL 500 GALLON LEACHING CHAMBER

SCALE: 1/2" = 1'



CROSS-SECTION

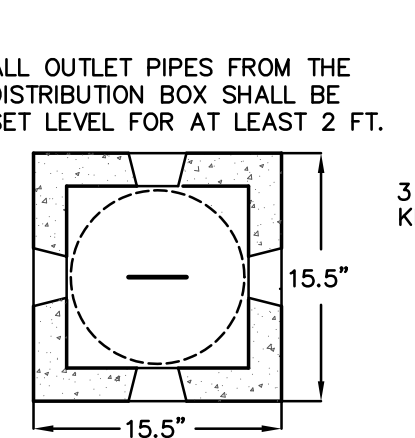
ALL ACCESS MANHOLE COVERS FOR SEPTIC TANK, DISTRIBUTION BOX, AND LEACHING STRUCTURE SET MORE THAN 6" BELOW FINISHED GRADE. SHALL BE RAISED TO WITHIN 6" OF FINISHED GRADE.



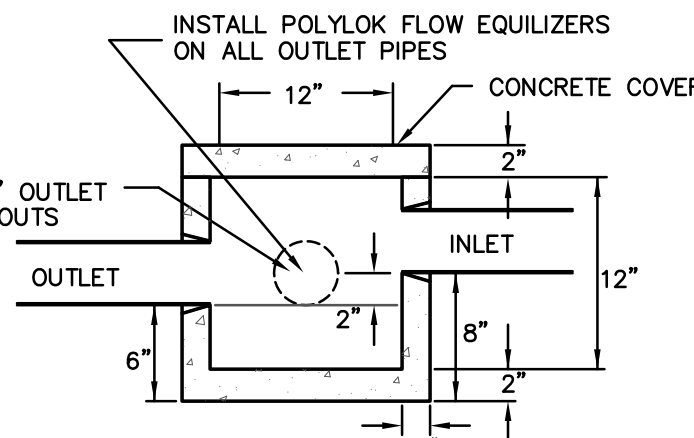
END-SECTION

TYPICAL 1,500 GALLON SEPTIC TANK

SCALE: 1/4" = 1' (H-10 LOADING)



PLAN SECTION



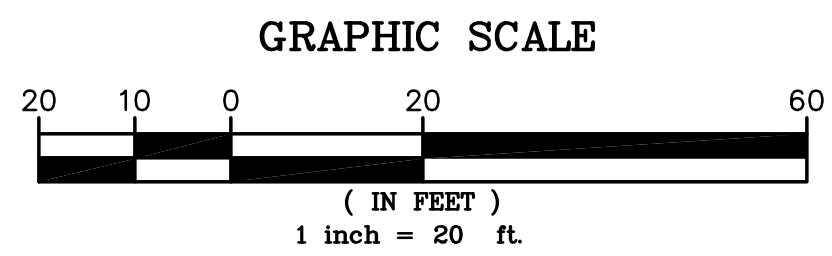
CROSS-SECTION

3 HOLE DISTRIBUTION BOX

SCALE: 1" = 1'

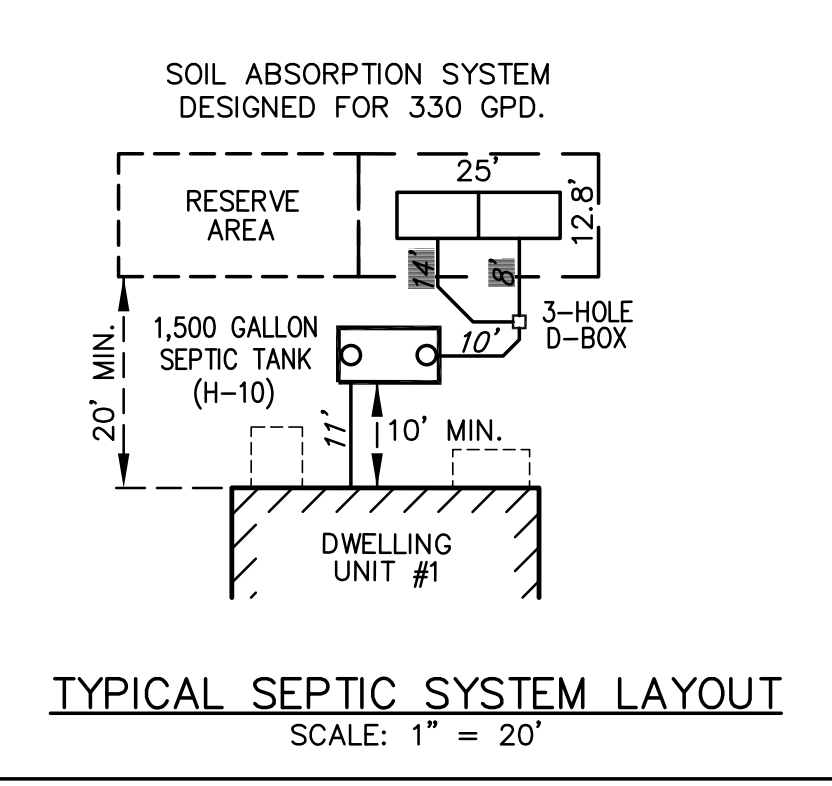
LEGEND

BOUND	—
WATER LINE	—W
HYDRANT	—H
LIGHT POLE	—L
GAS GATE VALVE	—G
EDGE OF CLEARING	—C
EXISTING GRADE	—G
EXISTING SPOT GRADE	—S
CATCH BASIN	—CB
DRAIN MANHOLE	—DM
STOCKADE FENCE	—S
PROPOSED SPOT GRADE	—S
PROPOSED GRADE	—G
1" WATER SERVICE	—WS
CURB STOP	—CS
CATCH BASIN	—CB
SOIL PERC TEST	—TP
EASEMENT	—E



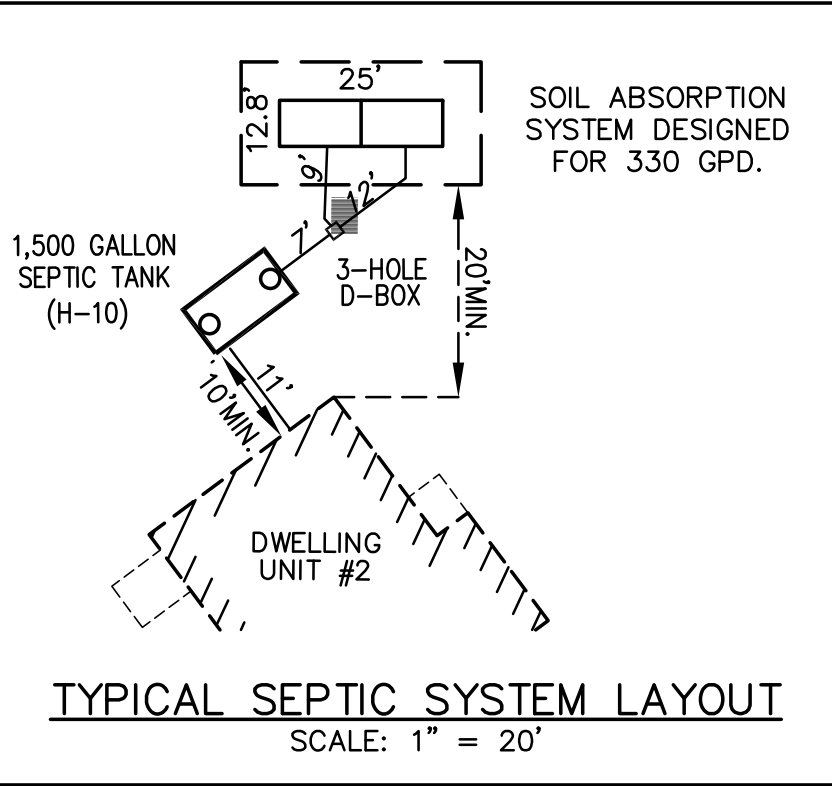
GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.



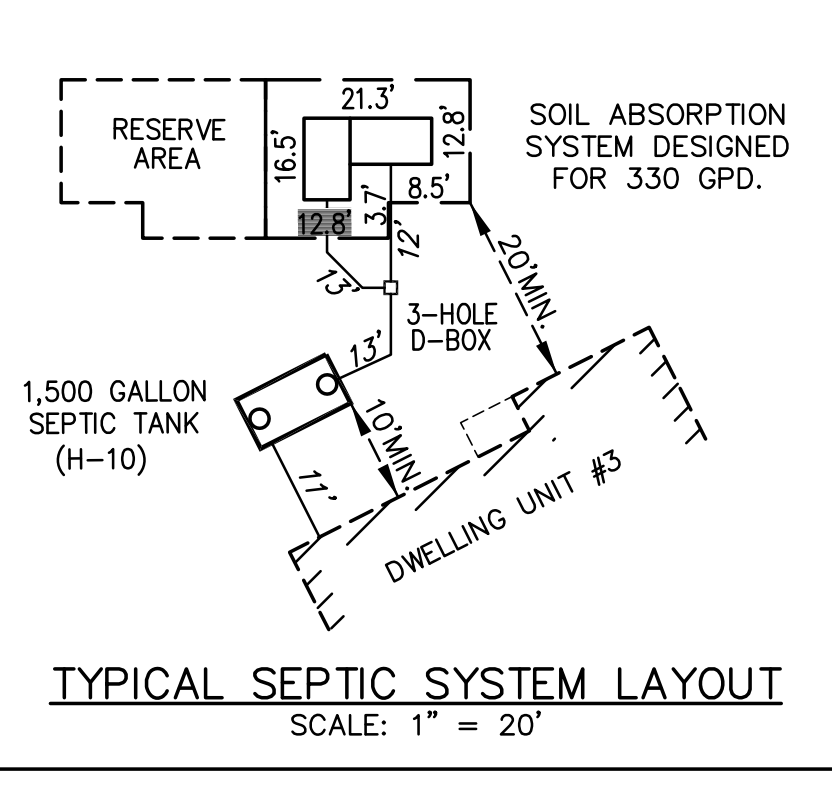
TYPICAL SEPTIC SYSTEM LAYOUT

SCALE: 1" = 20'



TYPICAL SEPTIC SYSTEM LAYOUT

SCALE: 1" = 20'



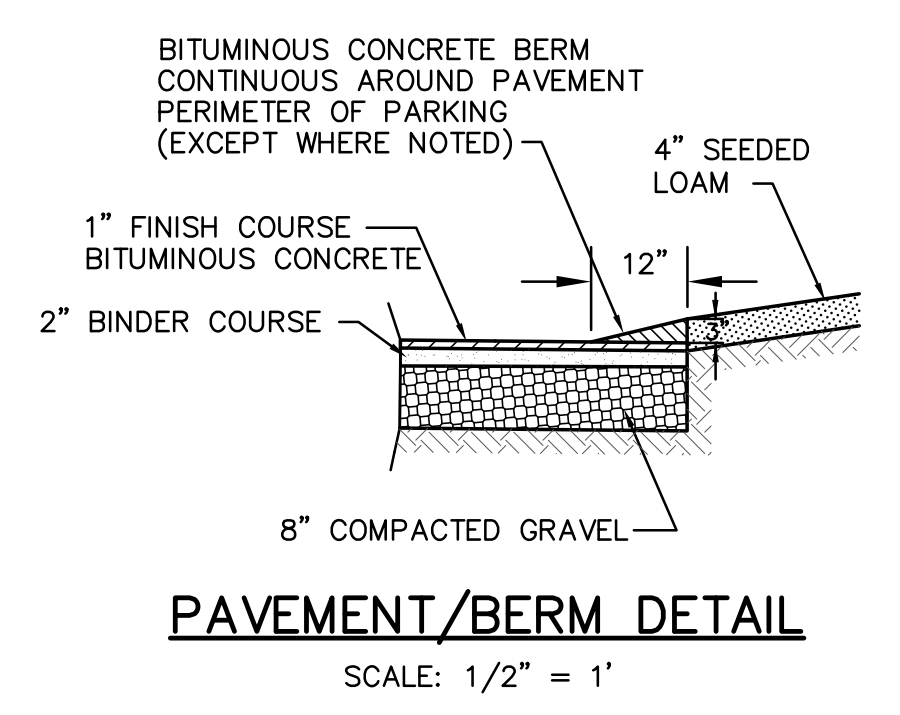
TYPICAL SEPTIC SYSTEM LAYOUT

SCALE: 1" = 20'

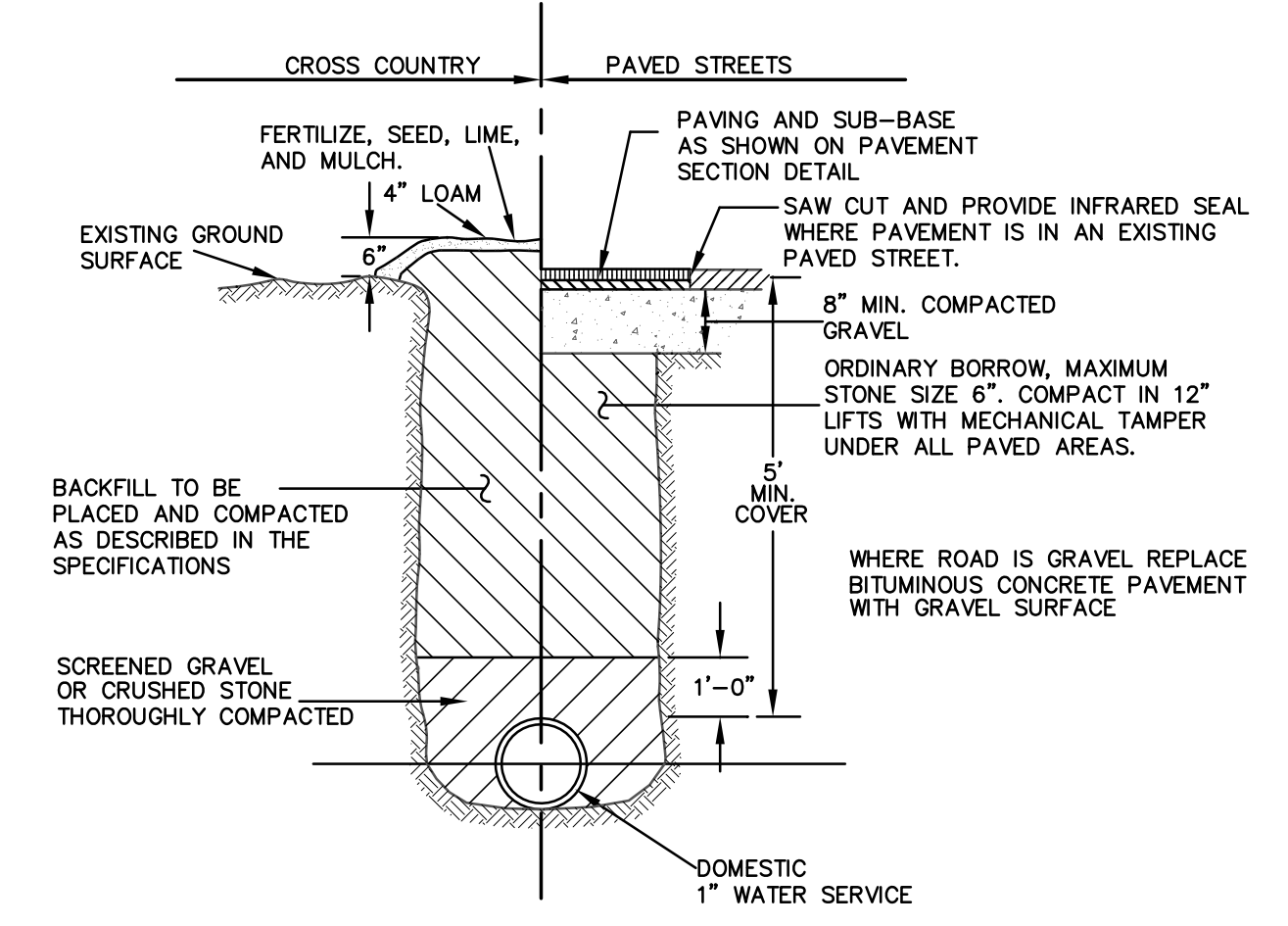
COMPONENTS		LOT1	LOT2	LOT3
BUILDING INV. OUT	"A"	31.79	30.84	31.68
SEPTIC TANK INV. IN	"B"	31.57	30.59	31.46
SEPTIC TANK INV. OUT	"C"	31.32	30.34	31.21
D-BOX INV. IN	"D"	31.22	30.27	31.08
D-BOX INV. OUT	"E"	31.12	30.10	30.91
D-BOX 2' LEVEL	"E"	31.12	30.10	30.91
LEACHING INV. IN	"F"	31.00	30.00	30.80
TOP OF LEACHING FIELD	"G"	32.0±	31.0±	31.8±
BOTTOM OF LEACHING FIELD	"H"	29.00	28.00	28.80
BOTTOM OF TEST PIT		24.5±	24.0±	22.5±

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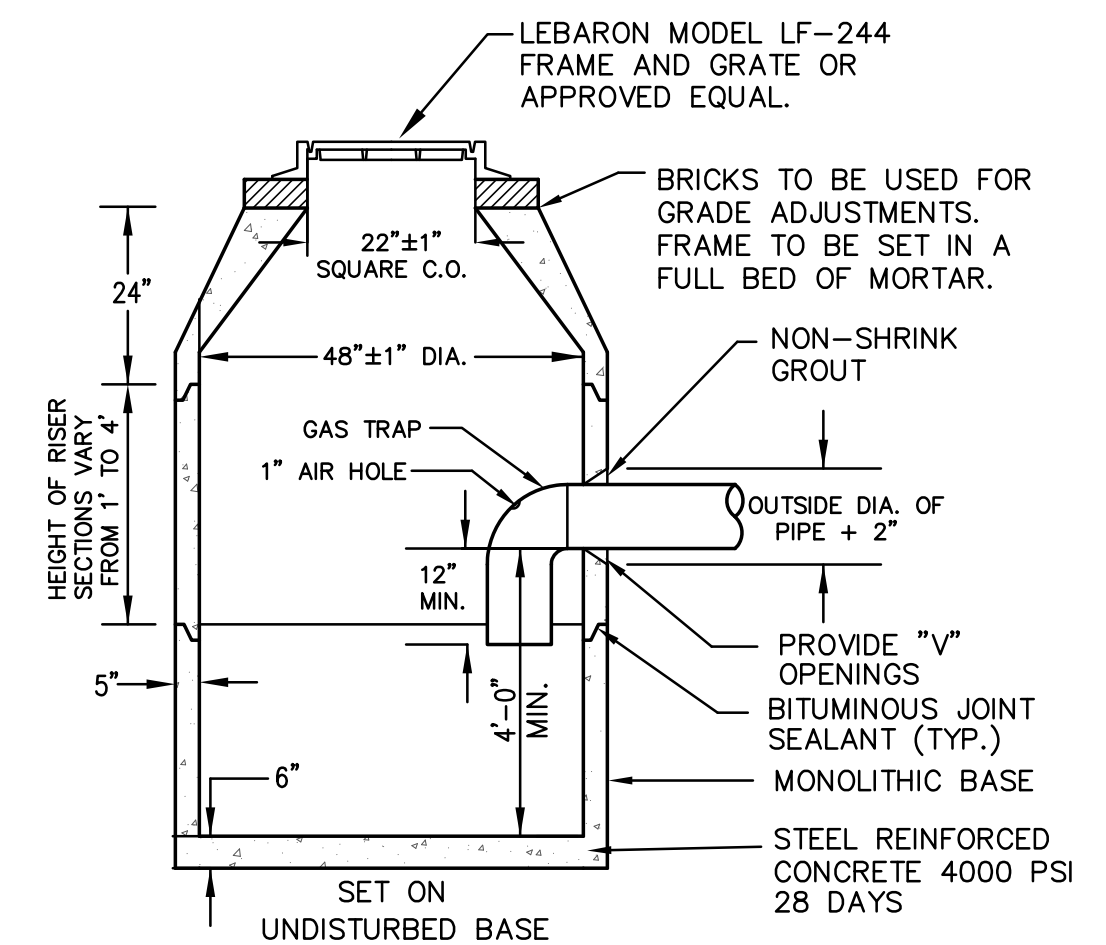
DATE	DESCRIPTION	Drawn	Checked
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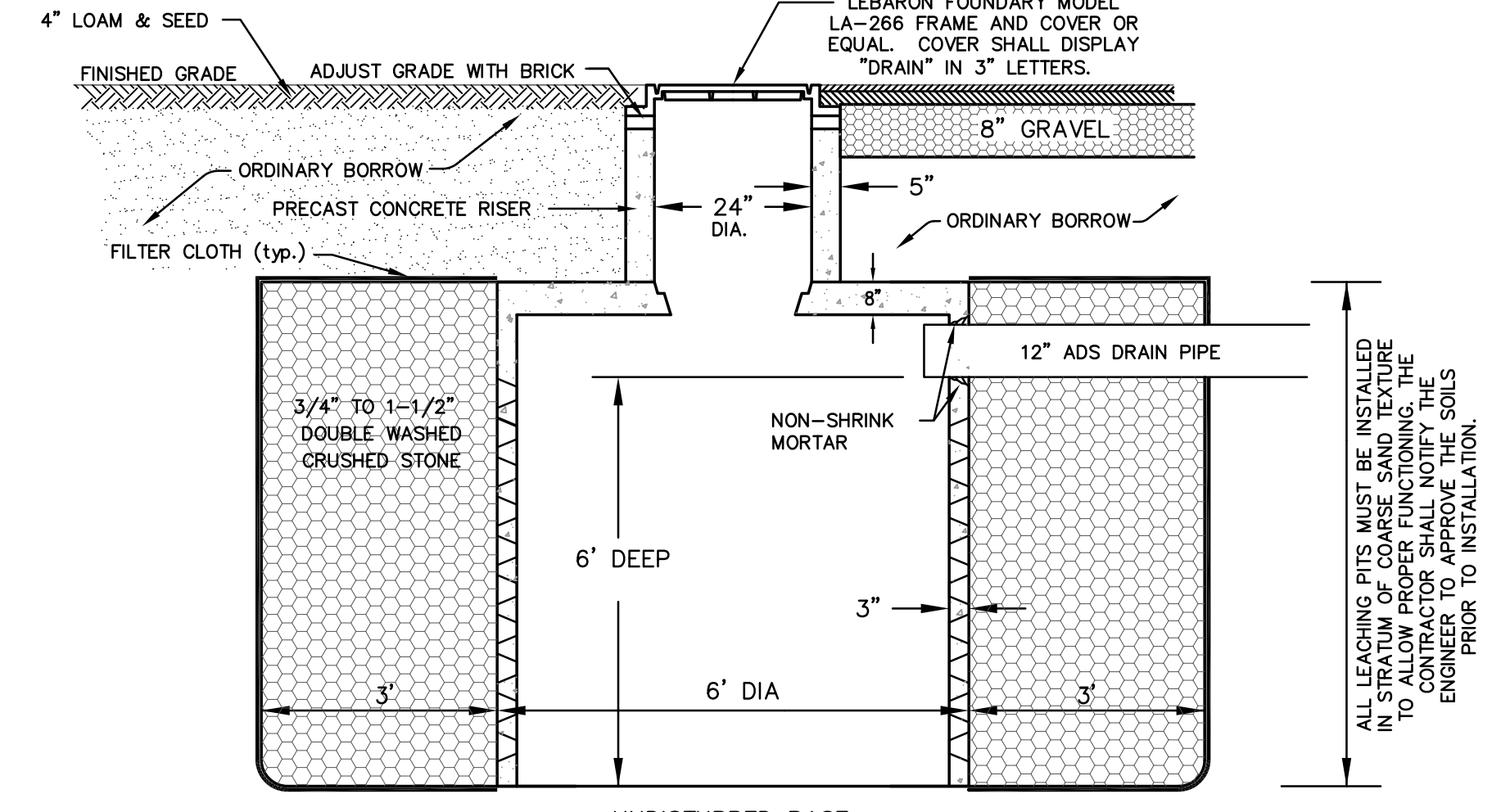
PAVEMENT/BERM DETAIL
SCALE: 1/2" = 1'



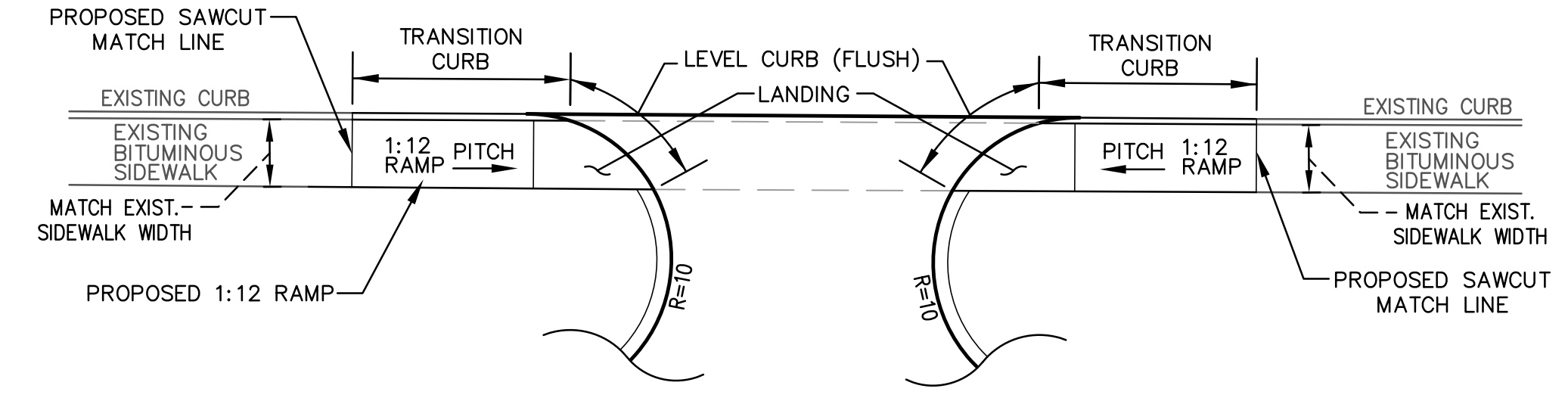
DOMESTIC WATER SERVICE TRENCH SECTION
NOT TO SCALE



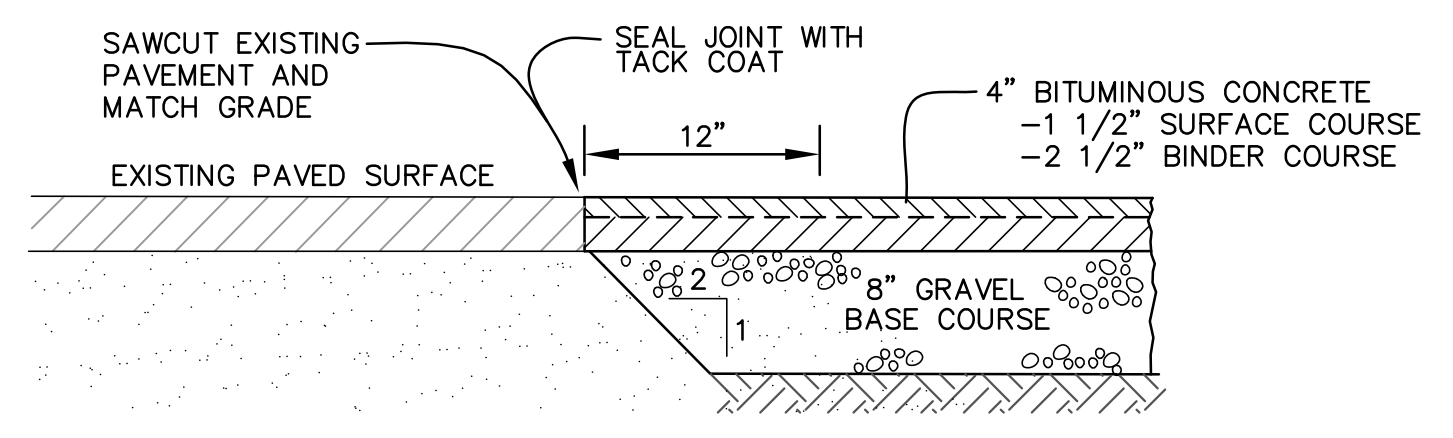
TYPICAL SOLID CATCH BASIN
SCALE: 1/2" = 1'



TYPICAL LEACHING PIT
SCALE: 1/2" = 1'



CURB CUT ENTRANCE / SIDEWALK RAMP DETAIL
NOT TO SCALE



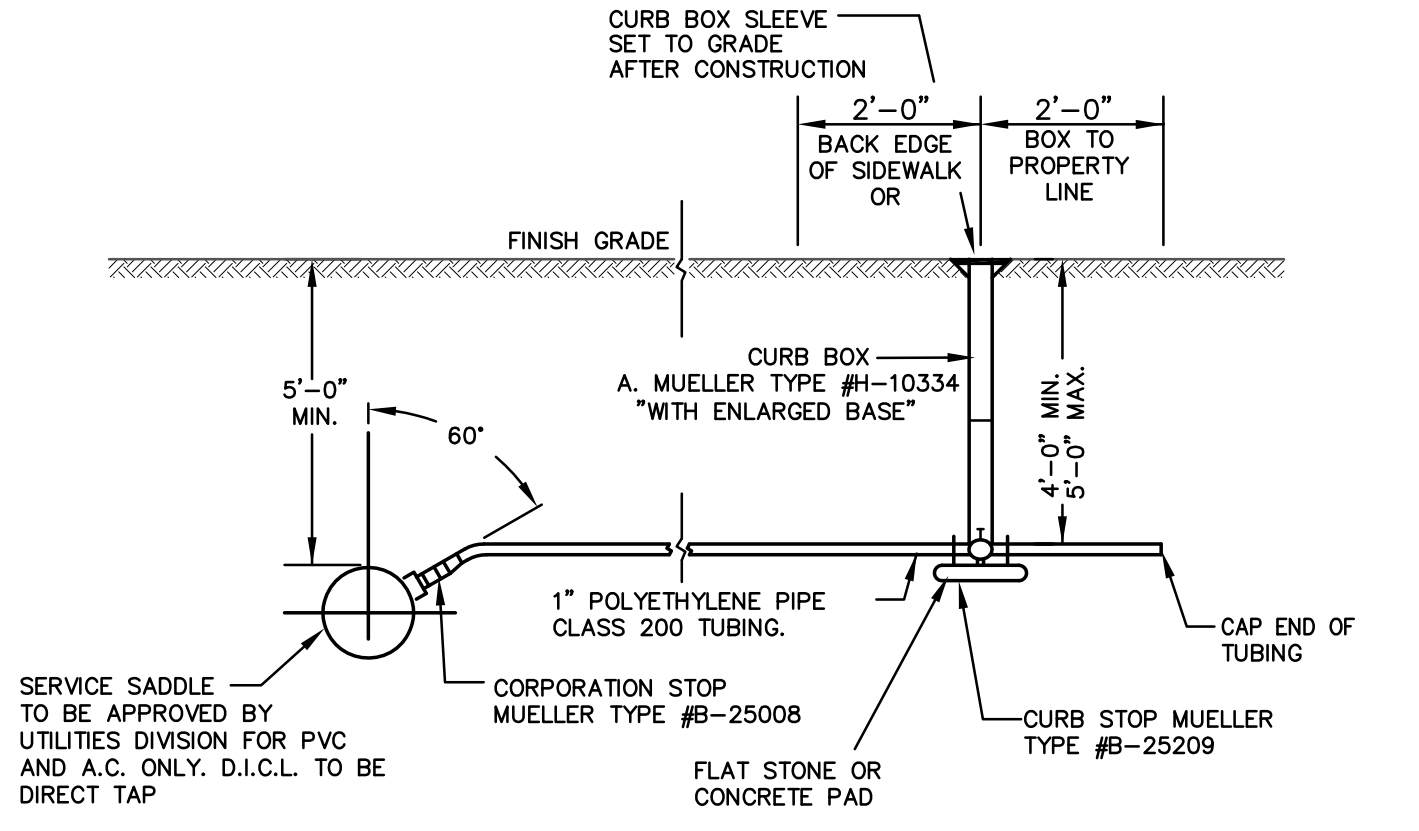
SAWCUT/PAVEMENT MATCHING DETAIL
SCALE: 1" = 1'

DESIGN CRITERIA (PER DWELLING)

Number of bedrooms: 3 Equivalent to 330 gal.'s/day
 Garbage disposal unit: NO
 Leaching area - capacity required: 330 gal.'s/day
 Side area proposed: 92 sq. ft.
 Bottom area proposed: 425 sq. ft.
 Total area proposed: 517 sq. ft.
 Proposed leaching capacity: 383 gal.'s/day
 Water supply: TOWN
 Precast concrete units: H-10 & H-20 loading design

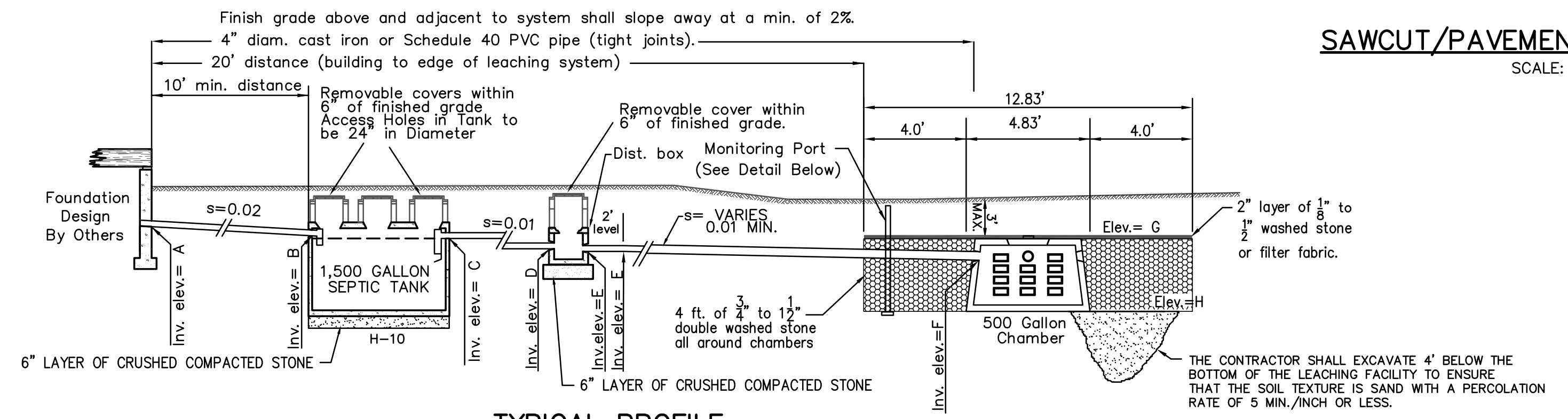
SOIL TEST

Date of soil test: 7/2/13
 Test taken by: L. CARREIRO
 Results witnessed by: S. MCGANN
 Percolation rate: 5 MIN./IN. (IN SAND LAYER)
 Ground water: NONE ENCOUNTERED



NOTES:
 A. BACKFILL SHALL BE NATIVE MATERIAL COMPACTED TO A DENSITY OF NOT LESS THAN 90% RELATIVE COMPACTION.
 B. SPECIAL ATTENTION MUST BE GIVEN TO BACKFILL AROUND WATER MAIN AND UNDER SERVICE PIPE.

1\"/>



TYPICAL PROFILE
Not to Scale

DEEP OBSERVATION HOLE LOG NO. 1 LOT 1

DEPTH	ELEV.	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (Munsell)	SOIL MOTTLING	OTHER (STRUCTURES, STONES, BOULDERS, CONSISTENCY, % GRAVEL)
0"	34.5					
0"-10"	33.7	O/A	SANDY LOAM	10 YR 3/3		
10"-37"	31.4	B	SANDY LOAM	10 YR 5/6		Friable
37"-120"	24.5	C	COARSE SAND	2.5 Y 5/4	NONE	single grain, loose 10% Gravel
NO GROUNDWATER ENCOUNTERED						

DEEP OBSERVATION HOLE LOG NO. 3 LOT 2

DEPTH	ELEV.	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (Munsell)	SOIL MOTTLING	OTHER (STRUCTURES, STONES, BOULDERS, CONSISTENCY, % GRAVEL)
0"	34.0					
0"-12"	33.0	O/A	SANDY LOAM	10 YR 3/3		
12"-38"	30.8	B	SANDY LOAM	10 YR 5/6		Friable
38"-120"	24.0	C	COARSE SAND	2.5 Y 5/4	NONE	single grain, loose 10% Gravel
NO GROUNDWATER ENCOUNTERED						

DEEP OBSERVATION HOLE LOG NO. 5 LOT 3

DEPTH	ELEV.	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (Munsell)	SOIL MOTTLING	OTHER (STRUCTURES, STONES, BOULDERS, CONSISTENCY, % GRAVEL)
0"	32.5					
0"-13"	31.4	O/A	SANDY LOAM	10 YR 3/3		
13"-39"	29.3	B	SANDY LOAM	10 YR 5/6		Friable
39"-120"	22.5	C1	COARSE SAND	2.5 Y 5/4	NONE	single grain, loose 10% Gravel
NO GROUNDWATER ENCOUNTERED						

DEEP OBSERVATION HOLE LOG NO. 2 LOT 1

DEPTH	ELEV.	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (Munsell)	SOIL MOTTLING	OTHER (STRUCTURES, STONES, BOULDERS, CONSISTENCY, % GRAVEL)
0"	34.7					
0"-12"	33.7	O/A	SANDY LOAM	10 YR 3/3		
12"-43"	31.1	B	SANDY LOAM	10 YR 5/6		Friable
43"-120"	24.7	C	COARSE SAND	2.5 Y 5/4	NONE	single grain, loose 10% Gravel
NO GROUNDWATER ENCOUNTERED						

DEEP OBSERVATION HOLE LOG NO. 4 LOT 2

DEPTH	ELEV.	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (Munsell)	SOIL MOTTLING	OTHER (STRUCTURES, STONES, BOULDERS, CONSISTENCY, % GRAVEL)
0"	34.5					
0"-12"	33.5	O/A	SANDY LOAM	10 YR 3/3		
12"-42"	31.0	B	SANDY LOAM	10 YR 5/6		Friable
42"-120"	24.5	C	COARSE SAND	2.5 Y 5/4	NONE	single grain, loose 10% Gravel
NO GROUNDWATER ENCOUNTERED						

DEEP OBSERVATION HOLE LOG NO. 6 LOT 3

DEPTH	ELEV.	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (Munsell)	SOIL MOTTLING	OTHER (STRUCTURES, STONES, BOULDERS, CONSISTENCY, % GRAVEL)
0"	32.5					
0"-13"	31.4	O/A	SANDY LOAM	10 YR 3/3		
13"-40"	29.2	B	SANDY LOAM	10 YR 5/6		Friable
40"-120"	22.5	C	COARSE SAND	2.5 Y 5/4	NONE	single grain, loose 10% Gravel
NO GROUNDWATER ENCOUNTERED						

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