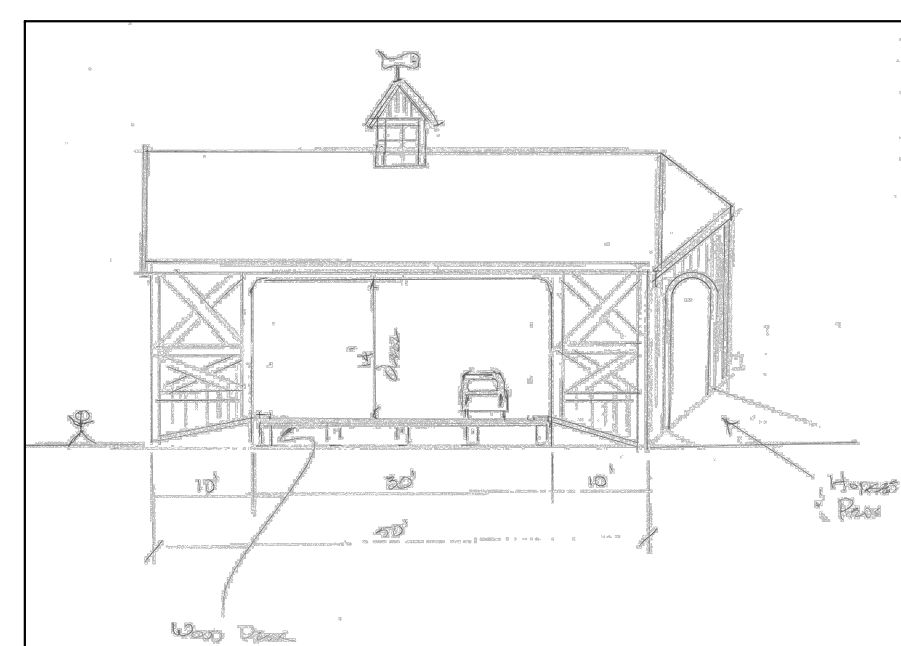
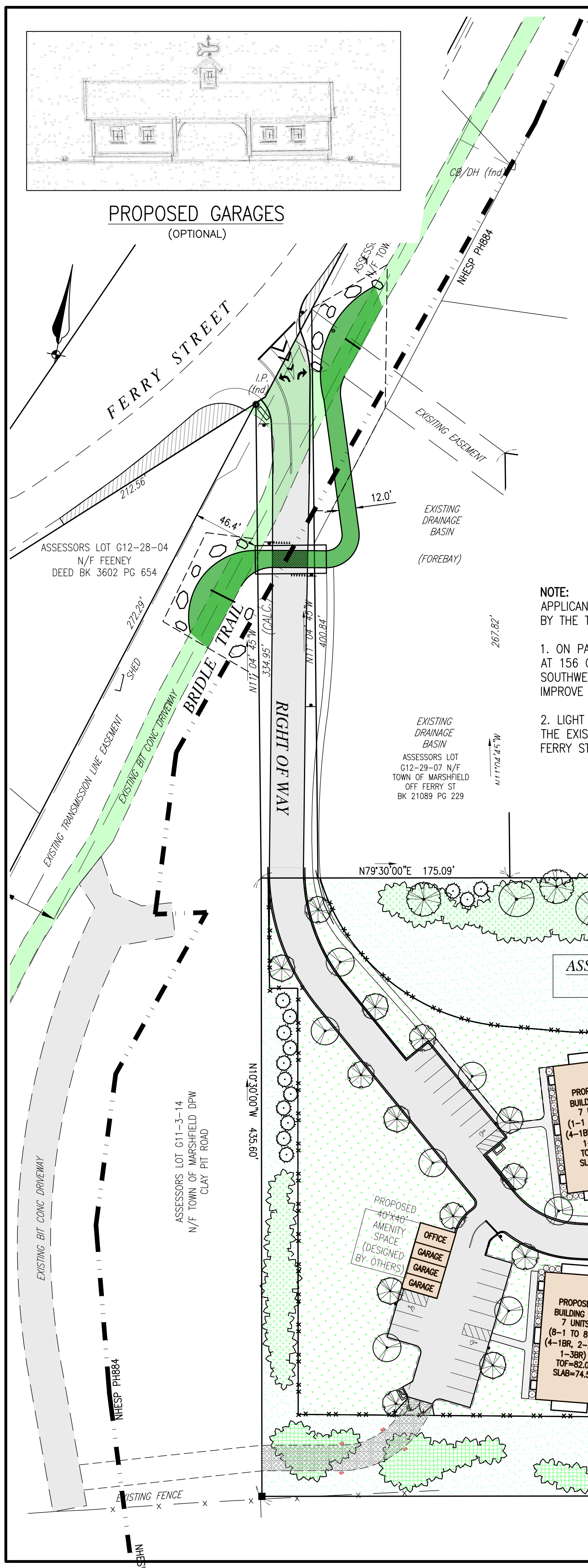




PROPOSED ENTRANCE STRUCTURE
(OPTIONAL)
*STRUCTURE SHALL BE DESIGNED BY OTHERS
*SETBACKS TO BE APPROVED BY THE ZBA
*REQUIRES EASEMENTS FOR ACCESS,
OPERATION & MAINTENANCE AGREEMENT
BETWEEN THE OWNER AND ABUTTERS

NOTE:
APPLICANT HAS AGREED TO PERFORM THE FOLLOWING WORK AS REQUESTED
BY THE TOWN OF MARSHFIELD

1. ON PARCEL G11-03-13 WHICH IS THE MARSHFIELD ANIMAL SHELTER
AT 156 CLAY PIT RD, WE WILL REMOVE TREES AND REGRADE THE
SOUTHWEST CORNER OF THE PROPERTY WHERE IT ABUTS THE TRAIL TO
IMPROVE SITE DISTANCE.

2. LIGHT GRADING AND SOME BOULDERS PLACED TO IMPROVE PARKING AT
THE EXISTING LOT FOR BRIDLE PATH PARKING ON THE NORTH SIDE OF
FERRY ST AT CROSSING ADJACENT TO PARCEL G12-30-03

NITROGEN LOADING LIMITATIONS

NOTE: ASSESSORS LOT G12-29-02 AND H12-01-09B ARE BOTH WITHIN A ZONE II AQUIFER PROTECTION ZONE.
ASSESSORS LOT G12-29-02 AND H12-01-09B ARE NOT WITHIN 400 FEET OF A PUBLIC WELL.
ASSESSORS LOT G12-29-02 AND H12-01-09B ARE NOT WITHIN A NATURAL RESOURCE AREA PER 15.214 (1)(b)

15.215: NITROGEN LOADING LIMITATIONS
PUBLIC AND PRIVATE WATER SUPPLY PROTECTION AREAS. NO FACILITY OWNER FOR NEW CONSTRUCTION
IN NITROGEN SENSITIVE AREAS DESIGNATED IN 310 CMR 15.214(1)(A) SHALL INSTALL A SYSTEM DESIGNED
TO RECEIVE OR ALLOW 310 CMR 15.202 (USE OF RECIRCULATING SAND FILTERS). A SYSTEM TO RECEIVE MORE THAN 440 GALLONS OF
DESIGN FLOW PER DAY PER ACRE EXCEPT AS SET FORTH IN 310 CMR 15.216 (AGGREGATE FLOWS) OR 15.217 (ENHANCED NITROGEN REMOVAL)

15.216: AGGREGATE DETERMINATIONS OF FLOWS AND NITROGEN LOADINGS
(1) THE 440 GALLONS PER DAY PER ACRE NITROGEN LOADING LIMITATION IMPOSED BY 310 CMR
15.215(1) MAY BE CALCULATED IN THE AGGREGATE BY USING NITROGEN CREDIT LAND IN ACCORDANCE WITH
AN APPROVED FACILITY AGGREGATION PLAN OR COMMUNITY AGGREGATION PLAN. APPLICANTS PROPOSING
SYSTEMS TO BE LOCATED WITHIN A COMMUNITY OR REGION COVERED BY A COMMUNITY AGGREGATION PLAN
APPROVED BY THE DEPARTMENT SHALL CALCULATE AGGREGATE DETERMINATIONS OF FLOWS AND NITROGEN
LOADINGS IN ACCORDANCE WITH THE PLAN AND THE DEPARTMENT'S GUIDELINES FOR TITLE 5 AGGREGATION
OF FLOWS AND NITROGEN LOADING. ALL OTHER APPLICANTS SEEKING AGGREGATE DETERMINATION OF FLOWS
AND NITROGEN LOADING SHALL PREPARE A FACILITY AGGREGATION PLAN IN ACCORDANCE WITH 310 CMR
15.216 AND THE DEPARTMENT'S GUIDELINES FOR TITLE 5 AGGREGATION OF FLOWS AND NITROGEN LOADING

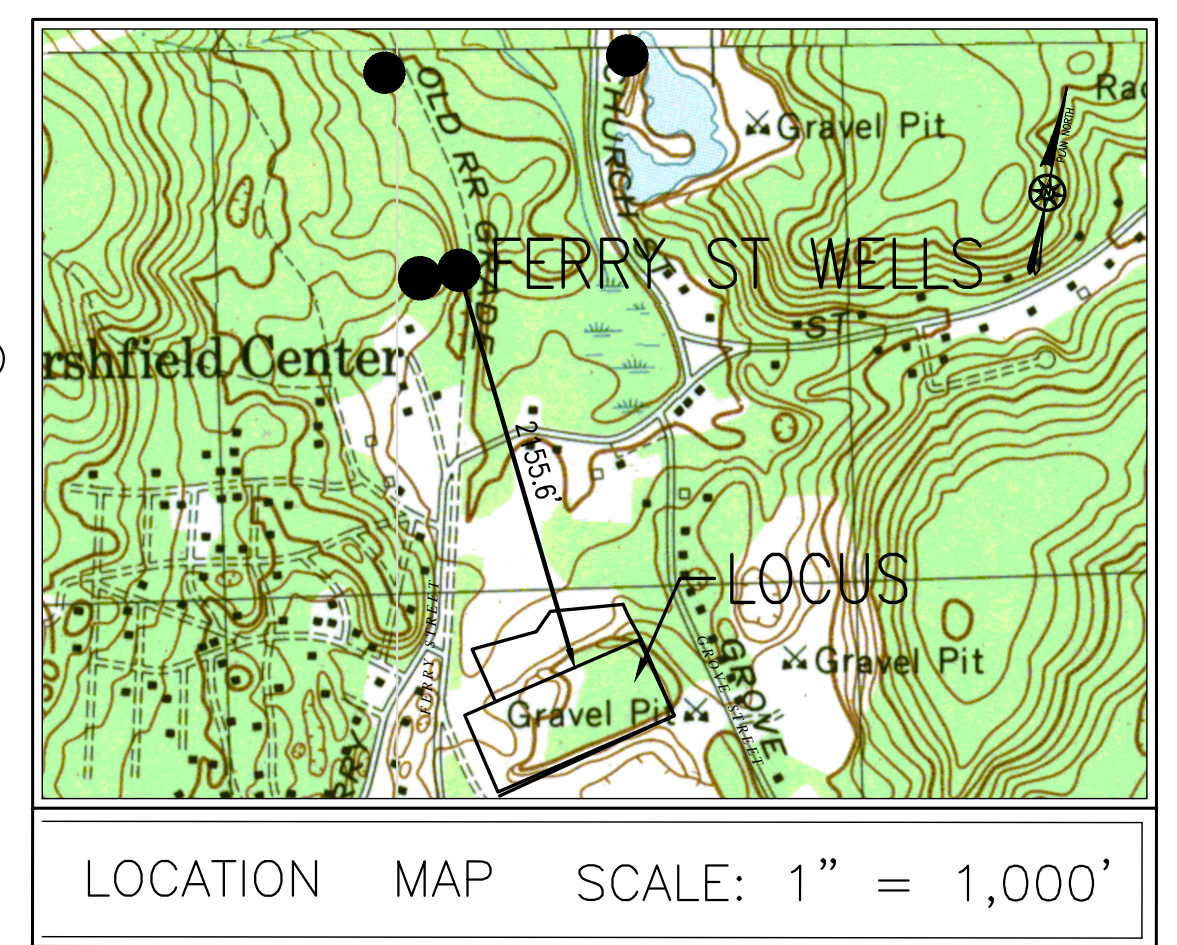
PROPOSED DESIGN FLOW: 88 BEDROOMS X 110 GPD = 9,680 GPD
OFFICE = 20 GPD
TOTAL = 9,700 GPD

LOT AREA: G12-29-02 435,600 S.F. H12-01-09B 220,349 S.F.

NITROGEN LOADING RATE: = 40,000 X 9,700 / (435,600 + 220,349) = 592 GPD/ACRE
> 440 GPD/ACRE ALLOWED
(660 GPD DENITE SYSTEM IS AN ALTERNATIVE)

BUILDING TABLE				
BUILDING #	UNITS/BUILDING	BEDROOMS	BEDROOMS/BLD	SEPTIC SYSTEM DESIGN FLOW GPD
OFFICE	1	= 364 x 50 GPD/1000 S.F.		20
1	7	4-1BR, 2-2BR, 1-3BR	11	1210
2	7	4-1BR, 2-2BR, 1-3BR	11	1210
3	7	4-1BR, 2-2BR, 1-3BR	11	1210
4	7	4-1BR, 2-2BR, 1-3BR	11	1210
5	7	4-1BR, 2-2BR, 1-3BR	11	1210
6	7	4-1BR, 2-2BR, 1-3BR	11	1210
7	7	4-1BR, 2-2BR, 1-3BR	11	1210
8	7	4-1BR, 2-2BR, 1-3BR	11	1210
TOTAL	57		88	9700

- REFERENCES:
- PLAN OF LAND SHOWING TOWN OF MARSHFIELD GRAVEL PIT & AREAS
CONVEYED TO MARSHFIELD SAND & GRAVEL COMPANY & GINO RUCANI,
DATED APRIL 26, 1954, BY STENBECK & TAYLOR, PLAN #608 OF 1956.
 - COMPILED PLAN OF LAND IN MARSHFIELD, MA BEING A SUBDIVISION OF
PARCELS H12-01-01B & G12-29-03 GROVE & FERRY STREETS, DRAWN
FOR P.A. REALTY TRUST, DATED 19 MARCH 2001, REVISED 11 APRIL 2001,
DRAWN BY STENBECK & TAYLOR, INC., PLAN BK 45, PG 50.
 - PLAN OF ROAD IN THE TOWN OF MARSHFIELD PLYMOUTH COUNTY
DISCONTINUANCE AS A STATE HIGHWAY BY THE DEPARTMENT OF PUBLIC
WORKS, OCTOBER 15, 1929.
 - NEW YORK, NEW HAVEN AND HARTFORD RAILROAD REAL ESTATE AND
RIGHT OF WAY DEPARTMENT, LAND IN MARSHFIELD, MASS. TO BE CONVEYED
TO THE TOWN OF MARSHFIELD, APRIL 1940, PLAN BK 6, PG 278.
 - PLAN OF LOTS IN MARSHFIELD, MASS., DRAWN FOR ROBERT T. AMES
AND JOHN N. FLAGG, DATED MAY 1968, BY STENBECK AND TAYLOR, INC.
ENGINEERS, MARSHFIELD, MASSACHUSETTS, PLAN BK 14, PG 943.



DISTRICT:	R-1 RESIDENTIAL RURAL & WATER RESOURCE PROTECTION DISTRICT	
LOT AREA:	REQUIRED 43,560 SF	PROPOSED 435,600 SF
FRONTAGE:	125'	0'
LOT WIDTH:	125'	435.6'
(MEASURED PARALLEL TO THE FRONT LOT LINE AT THE REAR BUILDING LINE AND ALL POINTS BETWEEN)		
IMAGINARY CIRCLE:	125'	125'
FRONT SETBACK:	40'	47.5'
(RIGHT OF WAY LESS THAN 40', MEASURED TO CENTERLINE OF THE WAY)		
SIDE SETBACK:	20'	7.9'
REAR SETBACK:	40'	119'
BUILDING HEIGHT:	35'	34'
BUILDING COVERAGE:	15% MAX	10.3%
LOT COVERAGE	30% (WRPD)	35% (OVER 10 ACRES) 24% (OVER 15 ACRES)
OPEN SPACE	50% MIN	65%
DENSITY = 56 UNITS/ 10 ACRES = 5.6 UNITS PER ACRE		
PROPOSED BUILDING SPACING = 12.4' (MIN)		
PARKING:	130 PROPOSED PARKING SPACES (2.3 SPACES/UNIT) 3 PROPOSED PARKING SPACES FOR OFFICE 133 TOTAL PARKING SPACES	
	17 ACCESSIBLE SPACES	

TIMOTHY R. BENNETT P.L.S. #36856

SHEET INDEX	
SHEET 1	COVER SHEET
SHEET 2	EXISTING CONDITIONS
SHEET 3	LAYOUT
SHEET 4	LAYOUT
SHEET 5	PLAN, PROFILE, & SIGNAGE
SHEET 6	PLAN & PROFILE
SHEET 7	GRADING
SHEET 8	CUT & FILL
SHEET 9	DETAILS SEPTIC SYS.
SHEET 10	DETAILS STORMWATER
SHEET 11	DETAILS WATER
SHEET 12	DETAILS
SHEET 13	EROSION CONTROL/PHASING
SHEET 14	LANDSCAPING
SHEET 15	LIGHTING (UNDER SEPARATE COVER)
RECORD OWNER: ASSESSORS MAPS G12-29-02	
PETER ARMSTRONG 44 ALLERTON STREET MARSHFIELD, MA 02050 DEED BOOK 31665 PAGE 346 PLAN BOOK 10 PAGE 1007	

REVISIONS	
JANUARY 5, 2024	PEER REVIEW COMMENTS
FEBRUARY 9, 2024	PEER REVIEW COMMENTS, NITROE 2KM
FEBRUARY 28, 2024	PERCOLATION TESTING

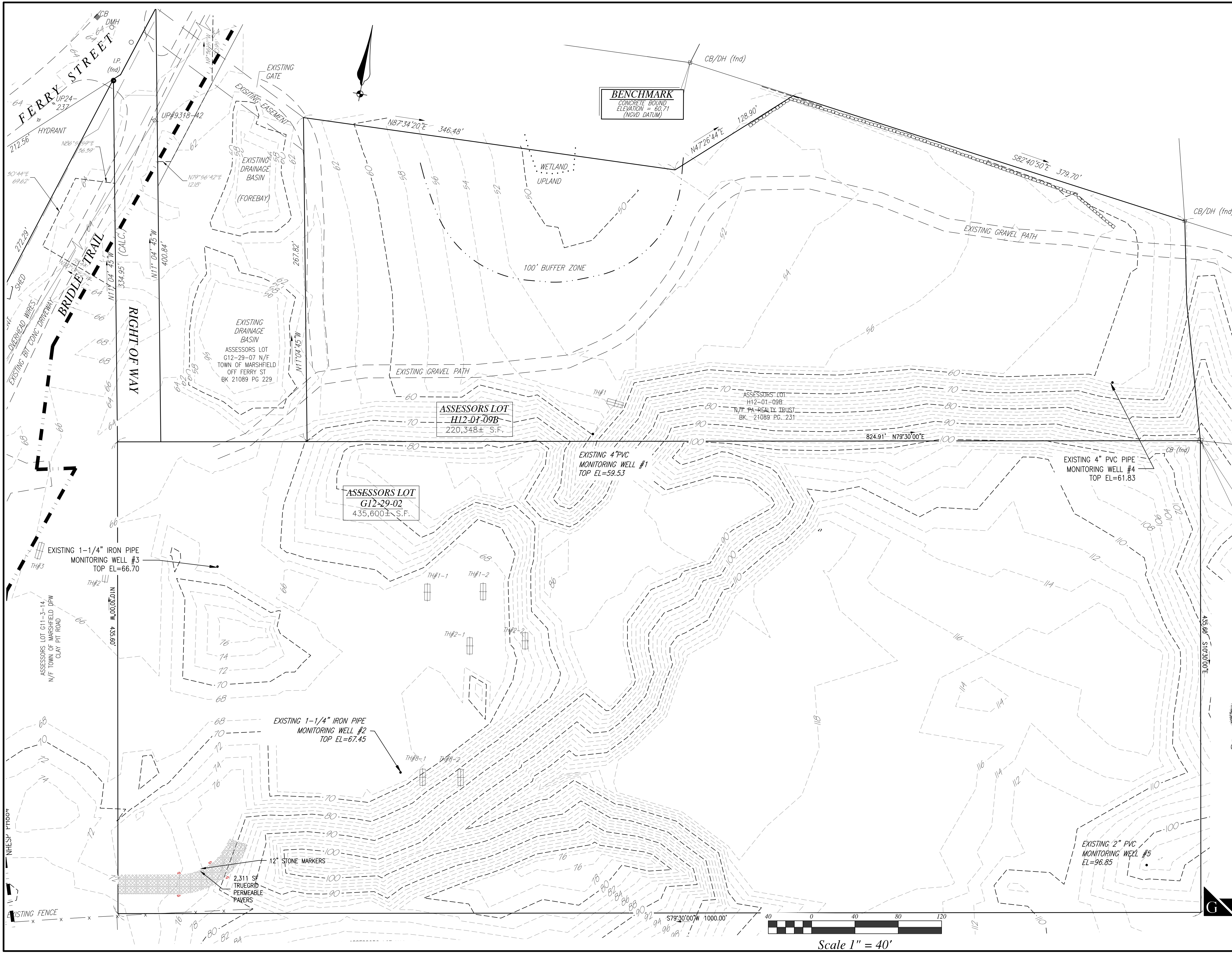
SITE PLAN
BRIDLE CROSSING
OFF FERRY STREET
MARSHFIELD, MASSACHUSETTS

PREPARED FOR:
MATLIN LLC C/O
KEVIN SEALUND & MATTHEW DACEY
794 WASHINGTON STREET
PEMBROKE, MA 02359

NOVEMBER 9, 2023
SCALE: AS SHOWN
JOB No. 12-243

GRADY CONSULTING, L.L.C.
Civil Engineers, Land Surveyors & Landscape Architects
71 Evergreen Street, Suite 1, Kingston, MA 02364
Phone (781) 585-2300

SHEET 1 OF 15



SOIL LOGS
NOT TO SCALE

T.H.#1-1 EL. 66.42	TH#1-2 EL. 66.72	T.H.#2-1 EL. 67.32
REMOVE & REPLACE TOP 18" 0"-132" C MEDIUM-FINE SAND PERC 24"-42" P.R.=3 MIN/IN	REMOVE & REPLACE TOP 18" 0"-132" C MEDIUM-FINE SAND PERC 24"-42" P.R.<2 MIN/IN	REMOVE & REPLACE TOP 18" 0"-120" C MEDIUM-FINE SAND PERC 18"-36" P.R.=3 MIN/IN
D=11'-0" NO WATER	D=11'-0" NO WATER	D=10'-0" NO WATER
55.42	55.72	57.32

T.H.#2-2 EL. 74.50	T.H.#8-1 EL. 71.66	T.H.#8-2 EL. 83.10
REMOVE & REPLACE TOP 18" 0"-120" C MEDIUM-FINE SAND PERC 24"-42" P.R.=5 MIN/IN	REMOVE & REPLACE TOP 18" 0"-120" C MEDIUM-FINE SAND PERC 20"-38" P.R.<2 MIN/IN	REMOVE & REPLACE TOP 18" 0"-120" C MEDIUM-FINE SAND PERC 24"-42" P.R.<2 MIN/IN
D=10'-0" NO WATER	D=10'-0" NO WATER	D=10'-0" NO WATER
64.50	61.66	73.10

TEST HOLES 1-1-1,2-2-2,2-2-8,8-1-8,2-8-2 WERE PERFORMED BY DARREN GRADY, P.E. ON AND WITNESSED BY PETER FALABELLA ON FEBRUARY 20, 2024.



TIMOTHY R. BENNETT P.L.S. #36856

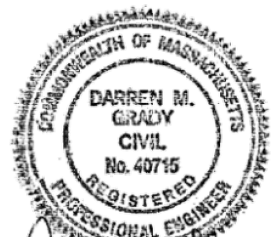
BENCHMARK
CONCRETE BOUND
ELEVATION = 92.25
(NGVD DATUM)

NOTES:

- NO WETLANDS EXIST ON THE SITE.
- THE SITE IS NOT LOCATED IN A FEMA SPECIAL FLOOD HAZARD AREA.
- THE SITE IS LOCATED WITHIN A PRIORITY HABITAT OF RARE AND ENDANGERED SPECIES AND ESTIMATED HABITAT OF RARE WILDLIFE ACCORDING TO THE NATURAL HERITAGE AND ENDANGERED SPECIES MAP DATED 10/1/08 AND AUGUST 2021.
- THE SITE IS LOCATED WITHIN AN AQUIFER PROTECTION ZONE.

REVISIONS

DATE	REVISION
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FEBRUARY 28, 2024	PERCOLATION TESTING



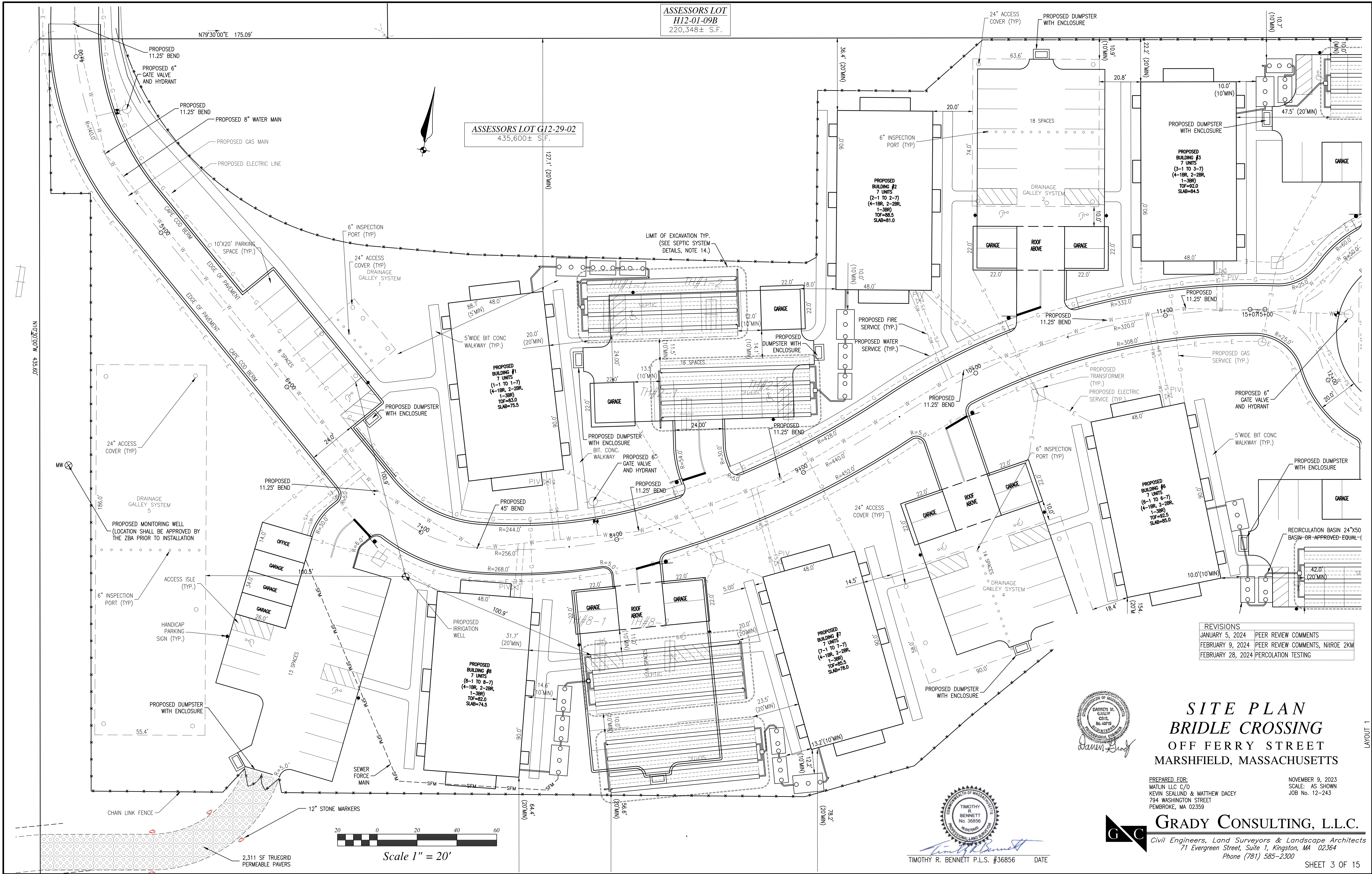
**SITE PLAN
BRIDLE CROSSING
OFF FERRY STREET
MARSHFIELD, MASSACHUSETTS**

PREPARED FOR:
MATLIN LLC C/O
KEVIN SEALUND & MATTHEW DACEY
794 WASHINGTON STREET
PEMBROKE, MA 02359

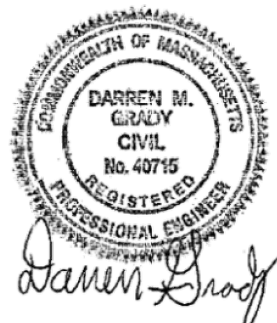
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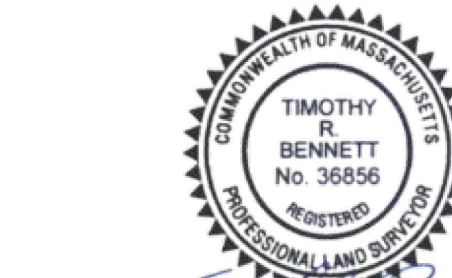
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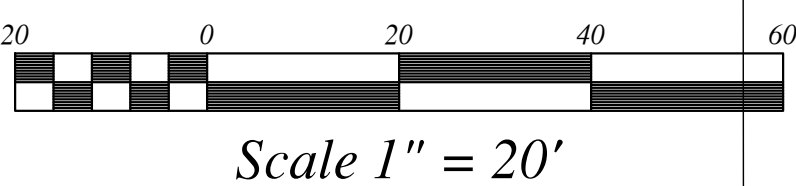
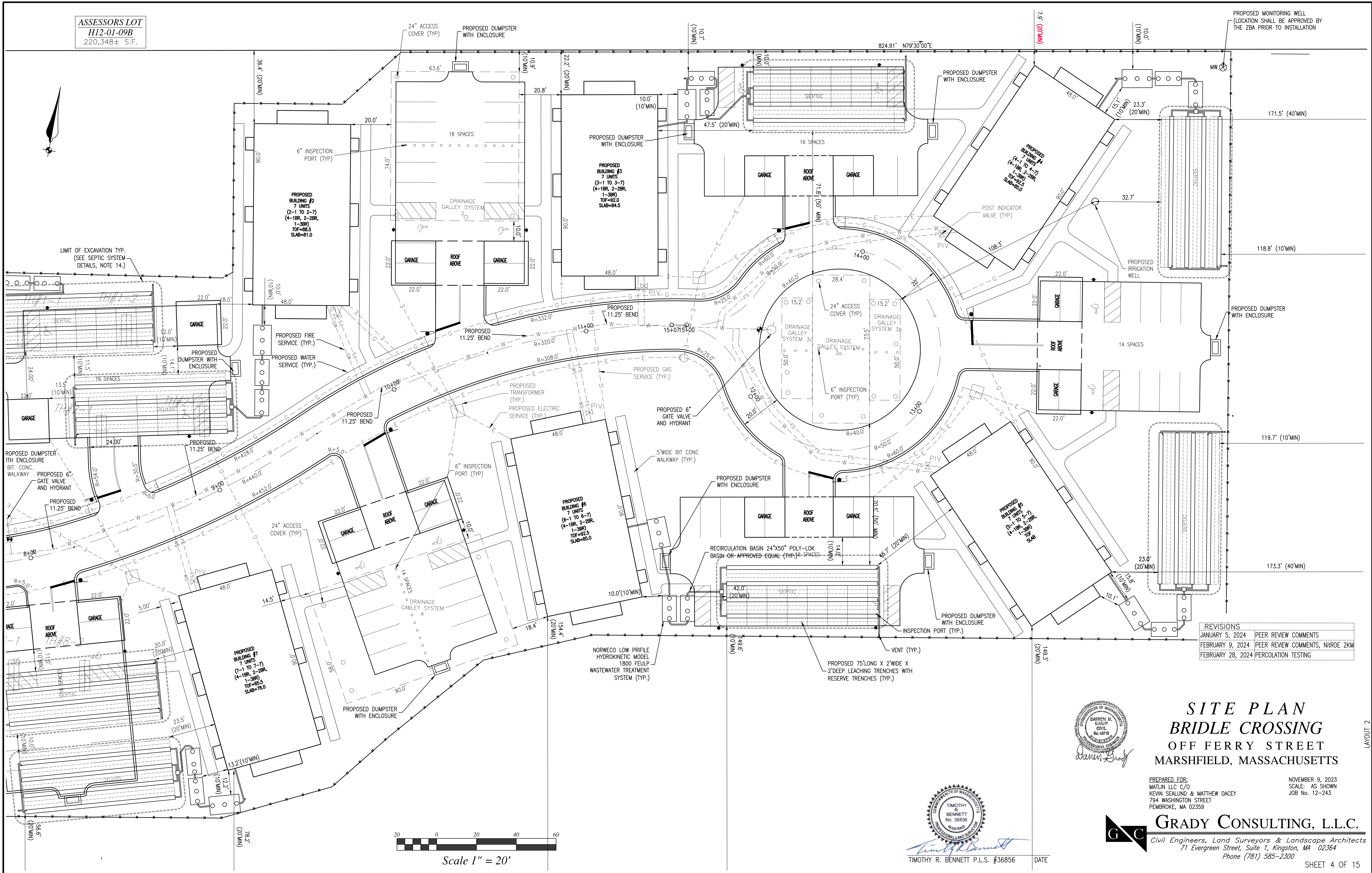
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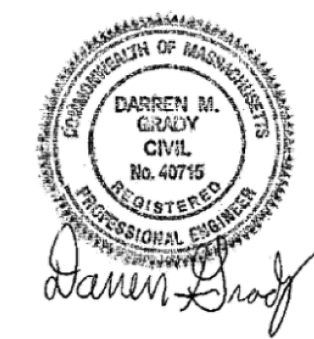
TIMOTHY R. BENNETT P.L.S. #36856 DATE

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ASSESSORS LOT
H12-01-09B
220,348± S.F.



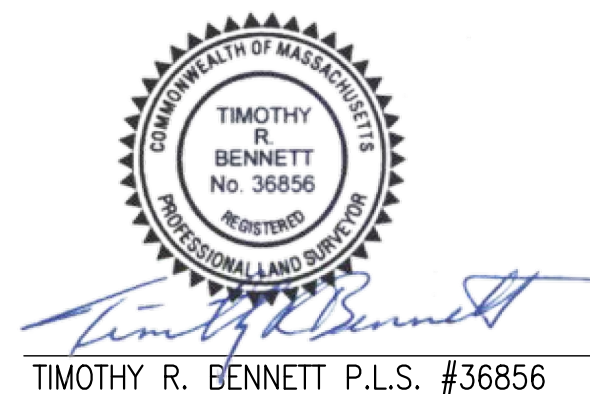
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SITE PLAN
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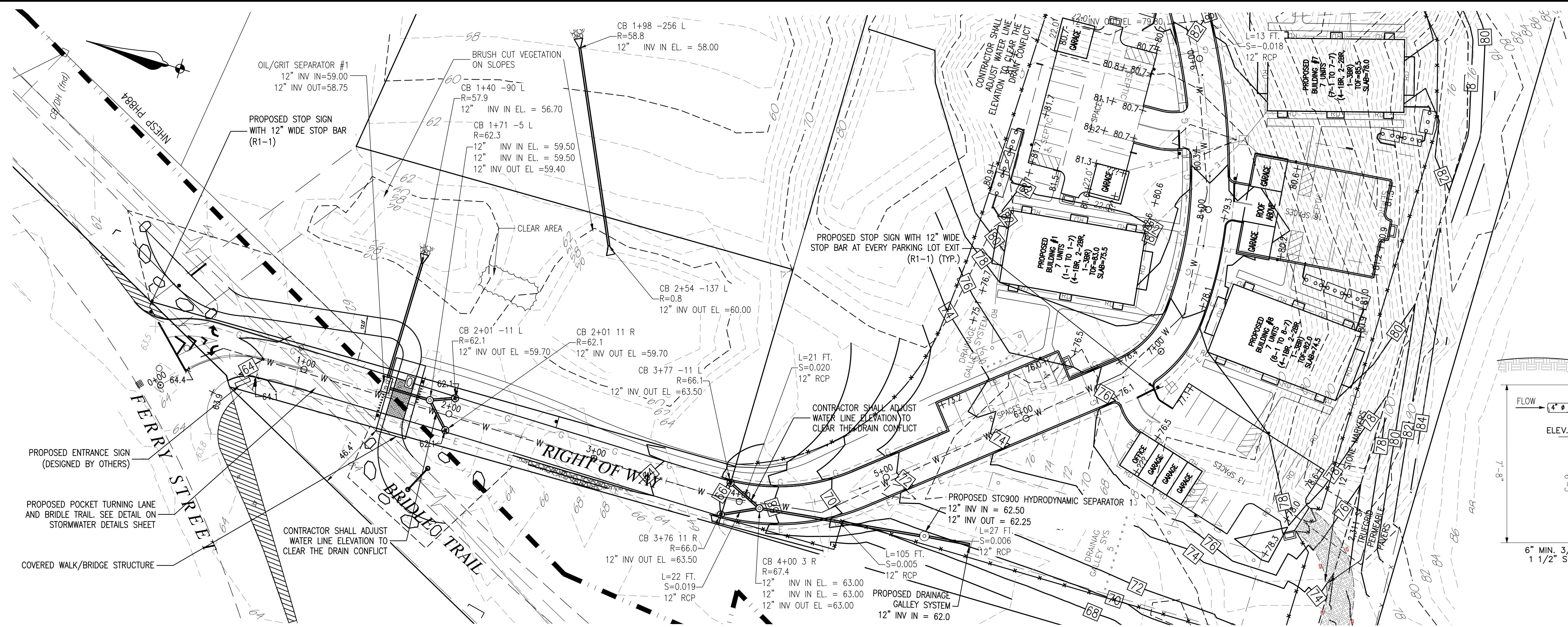
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NOVEMBER 9, 2023
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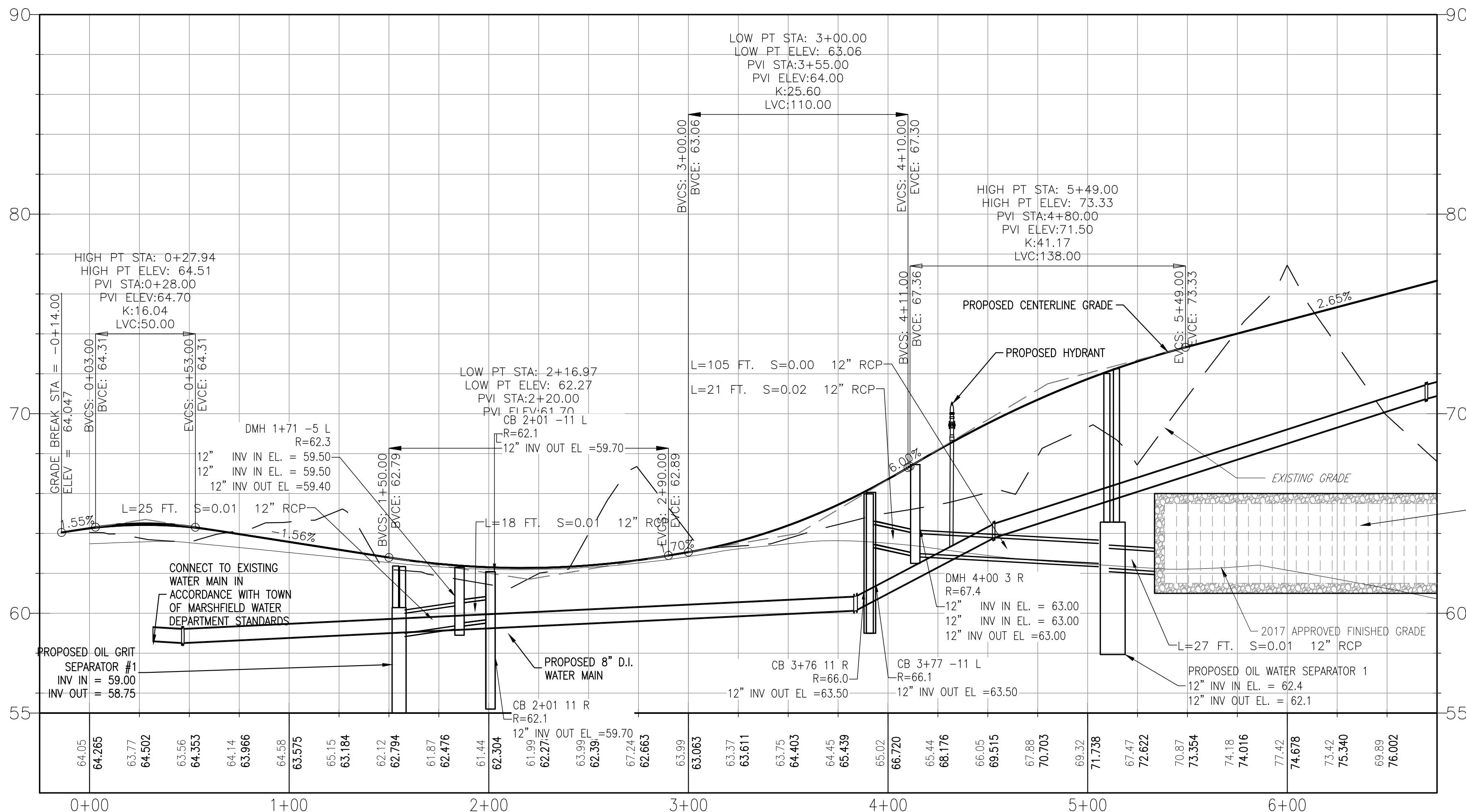


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LAYOUT 2



BRIDLE CROSSING PLAN
SCALE: 1"=40'

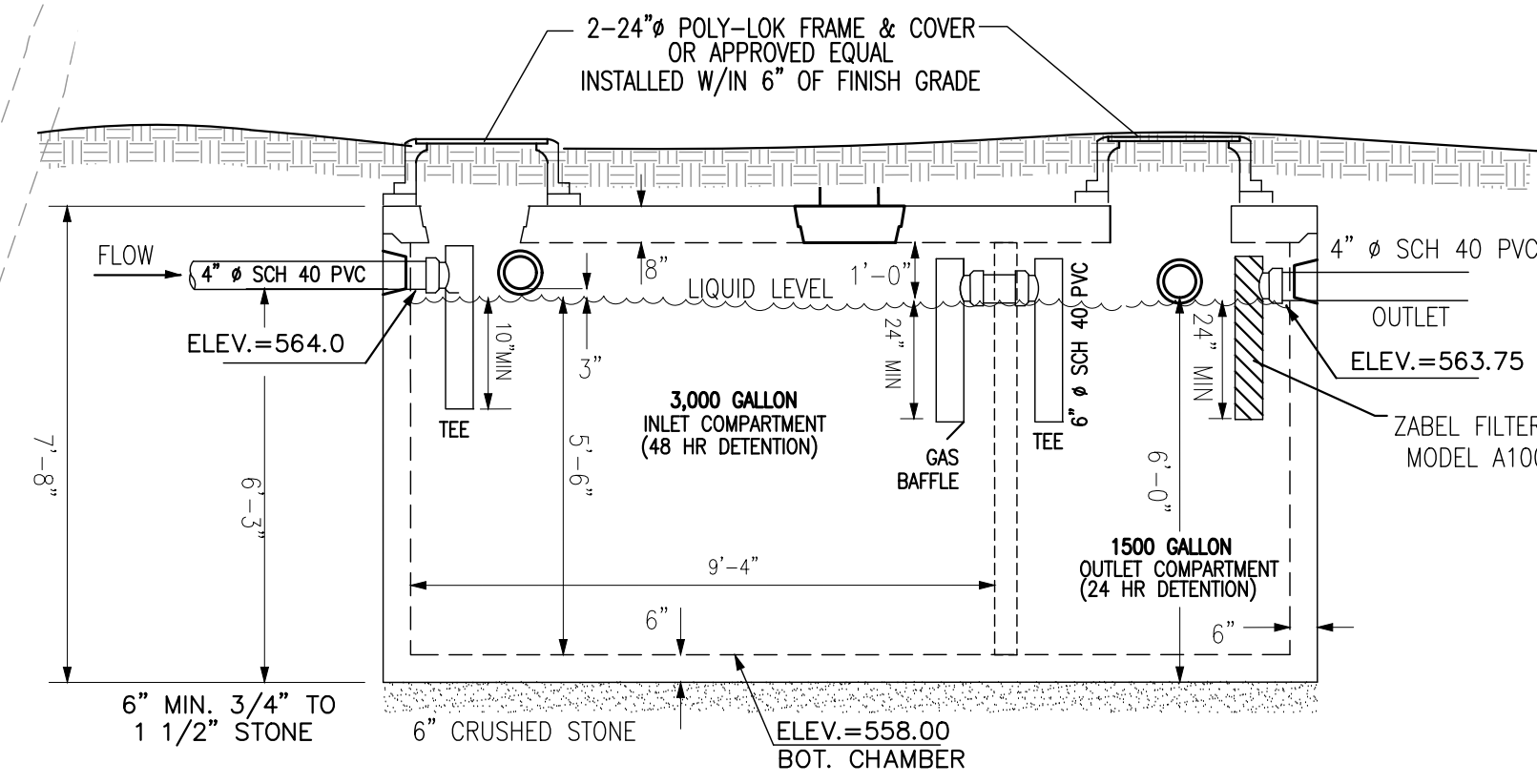


BRIDLE CROSSING PROFILE
SCALE: H: 1"=40' V: 1"=4'

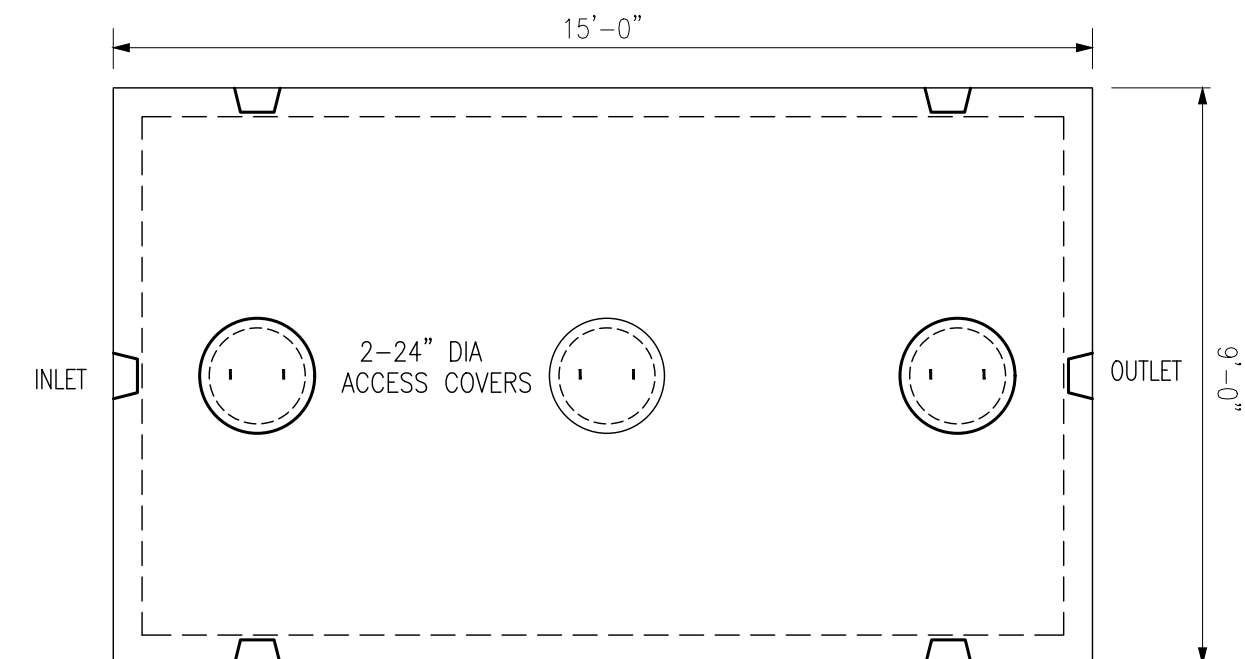
SIGN LEGEND	
R1-1	STOP
W11-7	
W16-9P	AHEAD
R1-5A	HERE TO PEDESTRIANS

STRIPING LEGEND	
DYCL	DOUBLE YELLOW CENTER LINE
DYL	DOUBLE YELLOW LINE
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LANE LINE
SWGL	SOLID WHITE GORE LINE
SYGL	SOLID YELLOW GORE LINE
SL	STOP LINE

NOTE: ALL SIGNAGE AND LANE MARKING SHALL COMPLY WITH THE STANDARDS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, 11th EDITION).



CROSS-SECTION VIEW

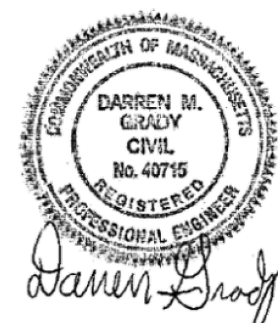


PLAN VIEW

- DESIGN NOTES
1. CONCRETE 5,000 PSI @ 28 DAYS
 2. HS-20-44 LOADING WITH 12"-60" COVER
 3. REINFORCING ASTM A-615 GRADE 60
 4. CONST. JOINT TO HAVE MIN. 1" BUTYL SEALANT

4500 GALLON 2-COMPARTMENT SEPTIC TANK
(NOT TO SCALE)

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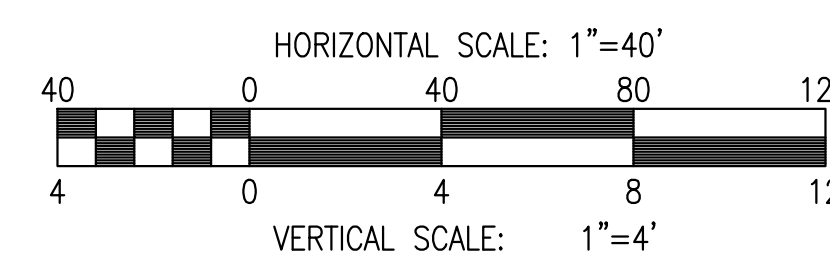


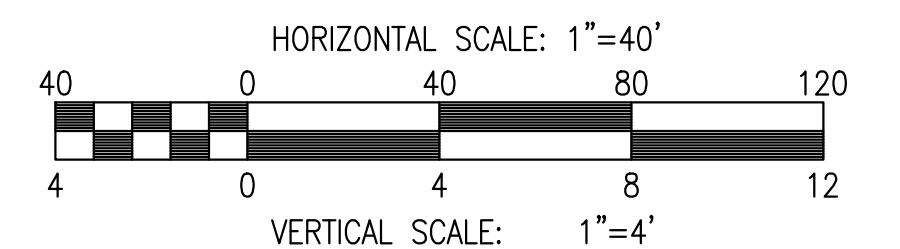
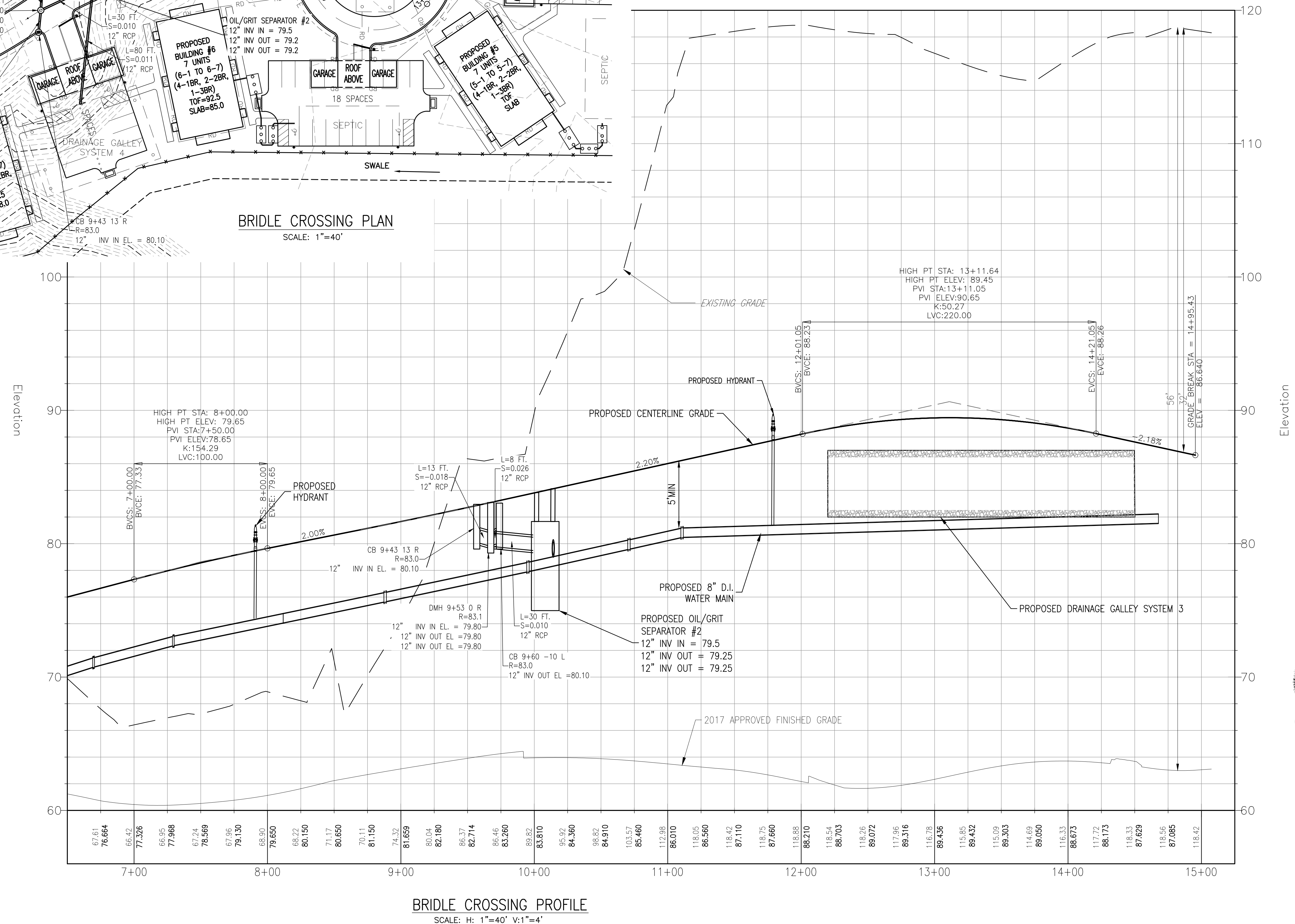
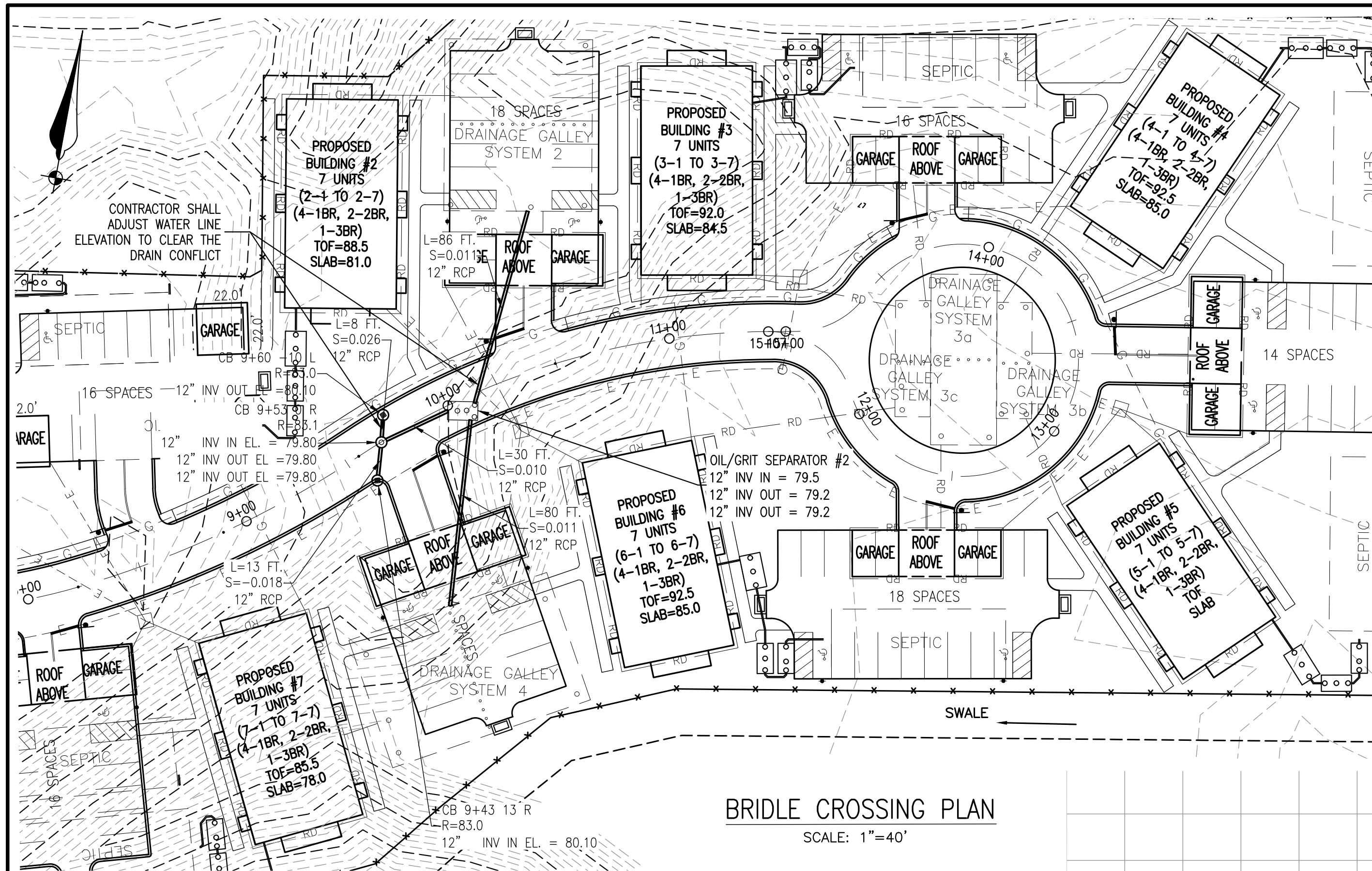
SITE PLAN BRIDLE CROSSING OFF FERRY STREET MARSHFIELD, MASSACHUSETTS

PREPARED FOR:
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KEVIN SEALUND & MATTHEW DACEY
794 WASHINGTON STREET
PEMBROKE, MA 02359

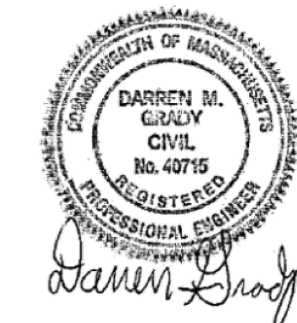
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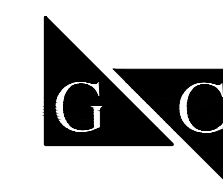
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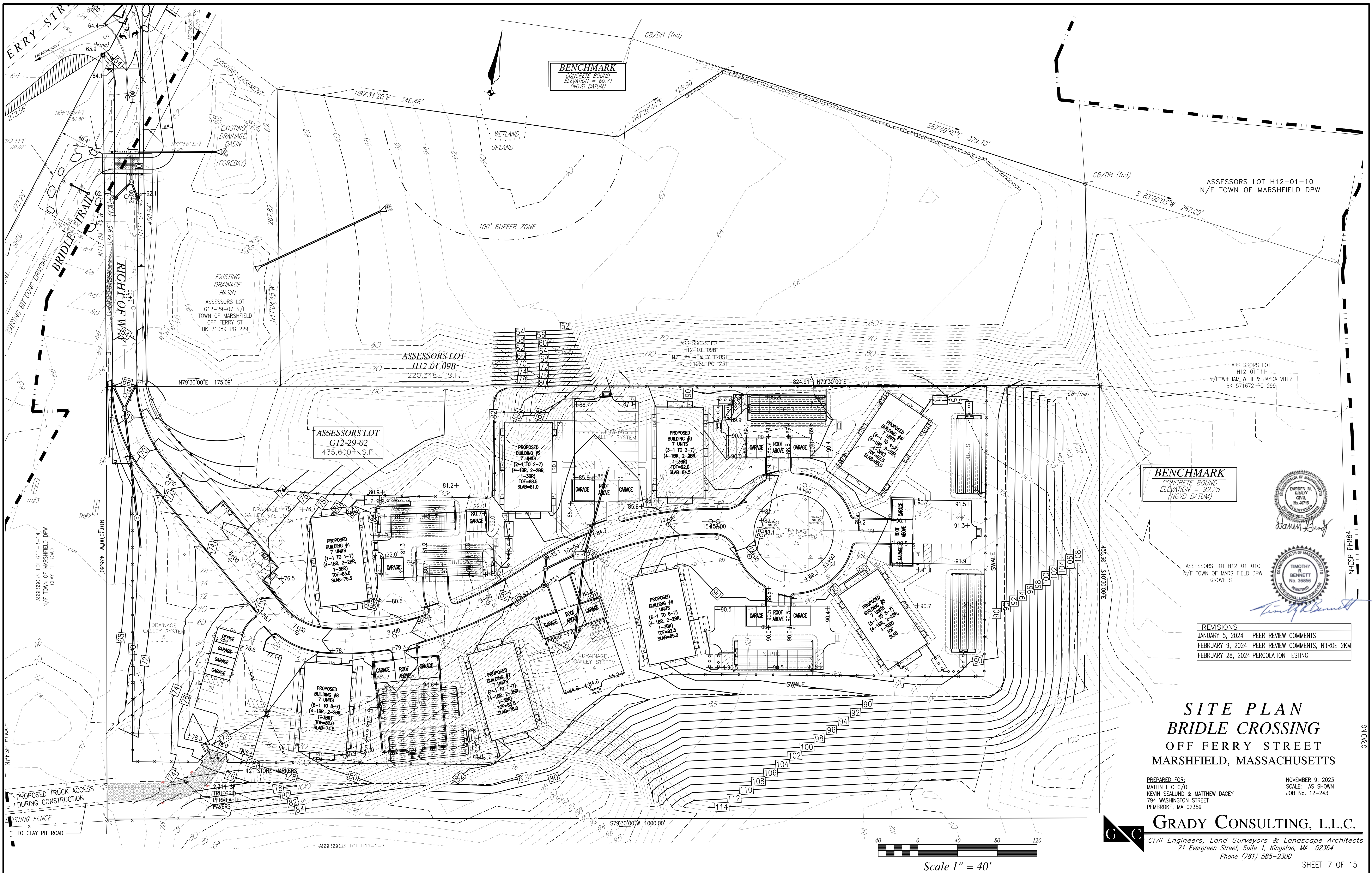
SITE PLAN **BRIDLE CROSSING** **OFF FERRY STREET** **MARSHFIELD, MASSACHUSETTS**

PREPARED FOR:
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BENCHMARK
CONCRETE BOUND
ELEVATION = 92.25
(NGVD DATUM)



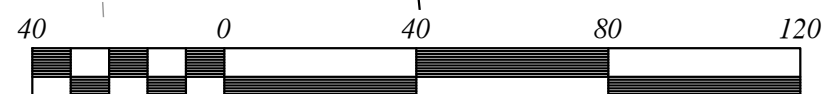
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**SITE PLAN
BRIDLE CROSSING
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MARSHFIELD, MASSACHUSETTS**

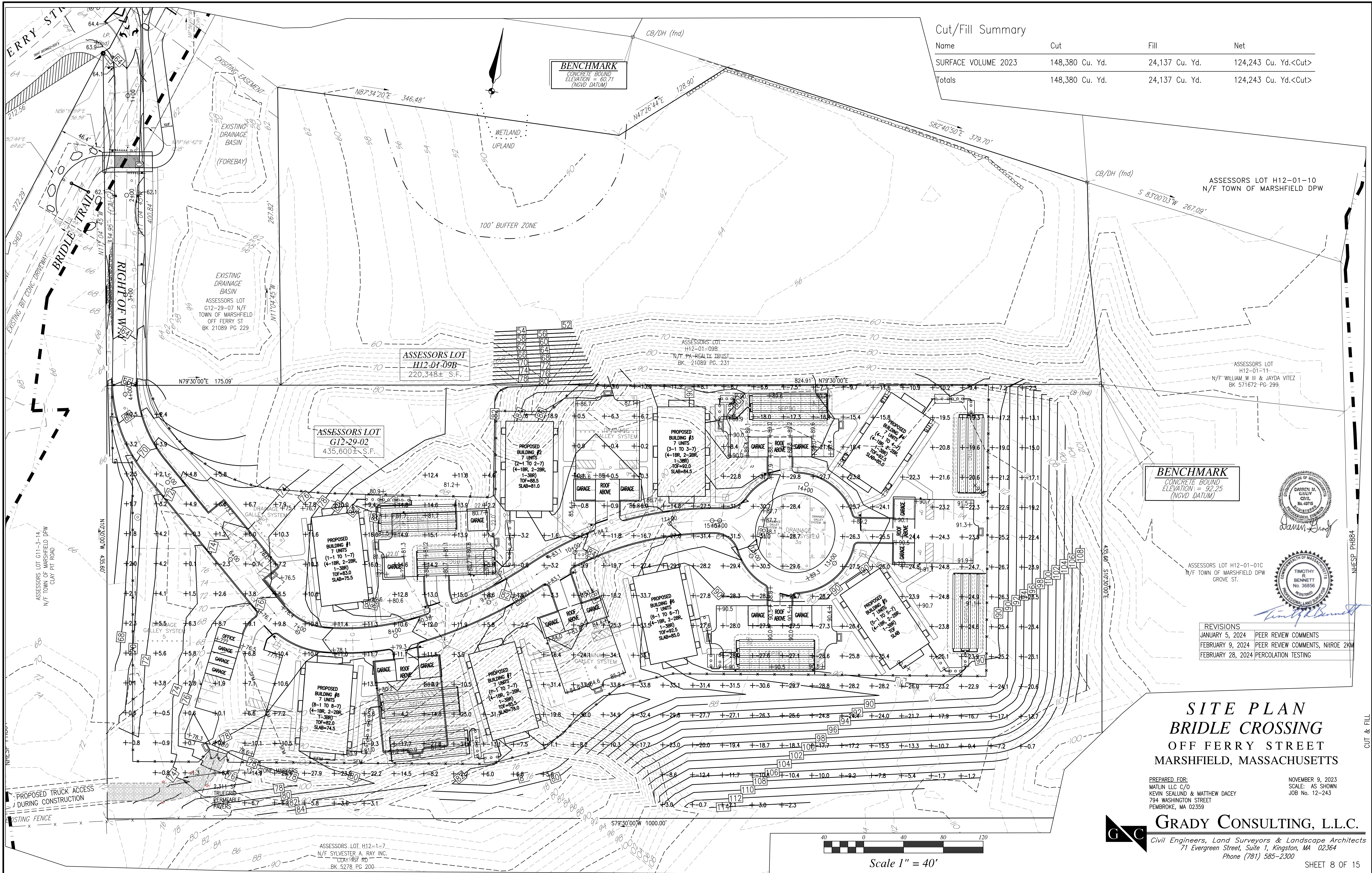
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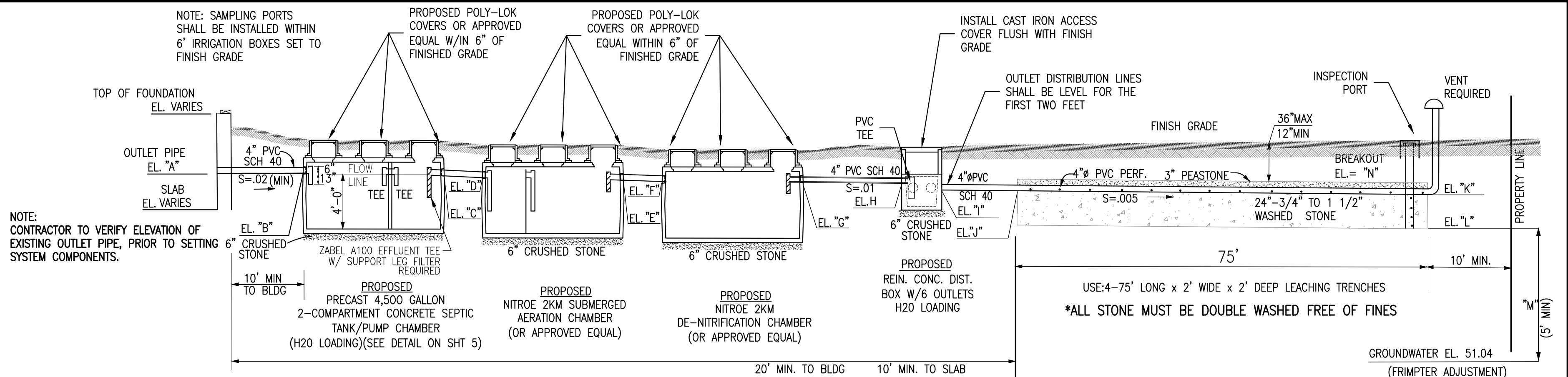
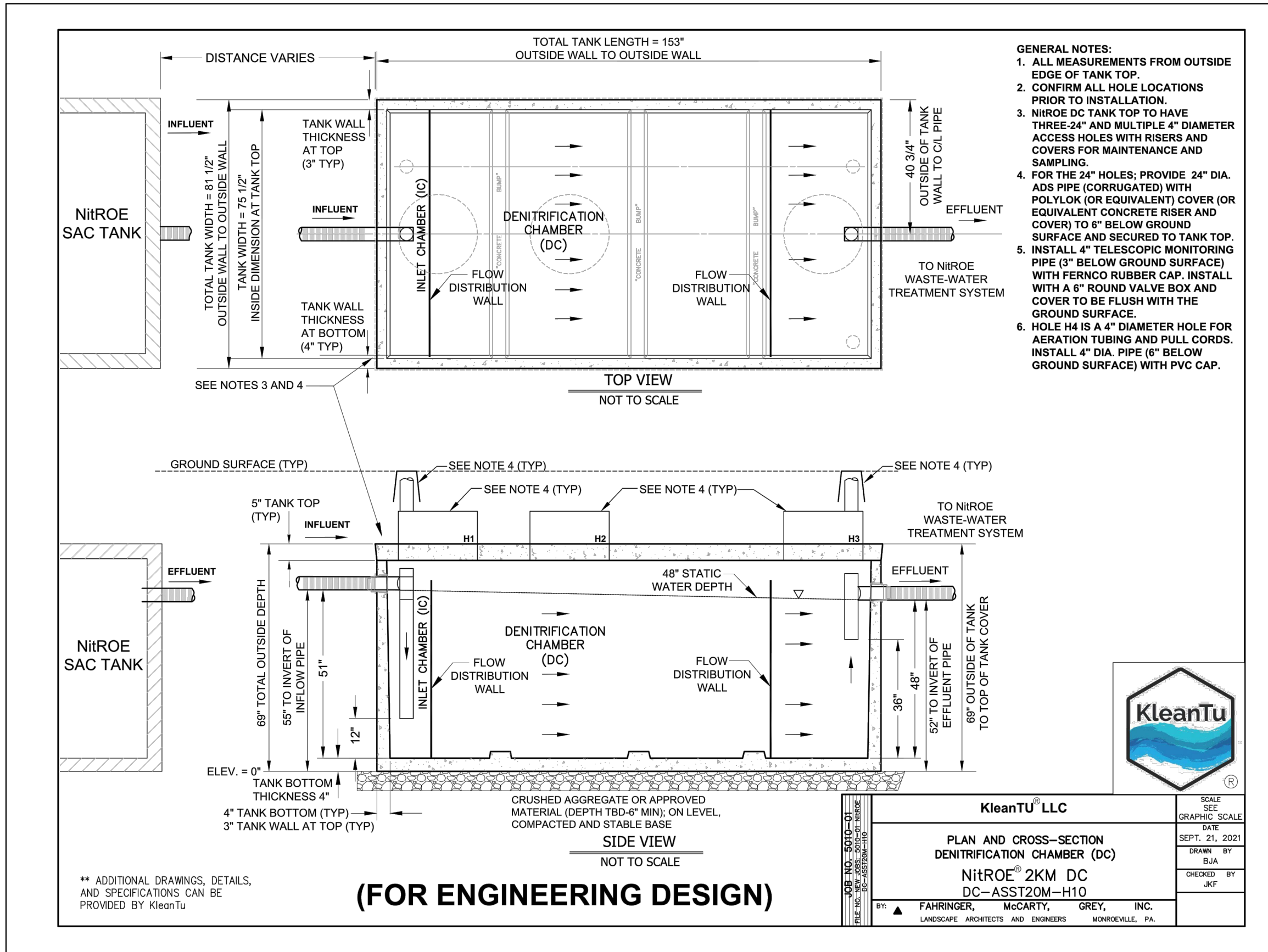
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Scale 1" = 40'





SCHEDULE OF INVERTS / ELEVATIONS

BUILDING #'S	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"
1	80.70	80.30	80.05	80.00	79.75	79.70	79.45	78.82	78.65	78.55	78.20	76.20	25.16
2	79.25	78.85	78.60	78.55	78.30	78.25	78.00	77.82	77.65	77.55	77.20	75.20	24.16
3	89.20	88.82	88.57	88.52	88.27	88.22	87.97	87.67	87.5	87.40	87.05	85.05	34.01
4	90.77	90.37	90.12	90.07	89.82	89.72	89.47	89.42	89.25	89.15	88.80	86.80	35.76
5	89.37	88.97	88.72	88.67	88.42	88.37	88.12	88.07	87.9	87.80	87.45	85.45	34.41
6	89.30	88.96	88.71	88.62	88.37	88.07	87.82	87.62	87.45	87.35	87.00	85.00	33.96
7	80.10	79.80	79.55	79.40	79.15	79.27	79.02	78.82	78.65	78.55	78.20	76.20	25.16
8	79.30	79.02	78.77	78.72	78.47	78.42	78.17	78.07	77.9	77.80	77.45	75.45	24.41

NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION PROVISIONAL USE APPROVAL RENEWAL PURSUANT TO TITLE 5, 310 CMR 15.000, ISSUED MAY 12, 2020.
2. RESPONSIBLE COMPANY FOR OVERSIGHT AND SAMPLING IS: KLEANTU LLC, 300 OLD POND ROAD, STE# 206, BRIDGEVILLE, PA 15017
3. THE USE OF THE TECHNOLOGY UNDER THIS APPROVAL REQUIRES:
 - 3.1. DISCLOSURE NOTICE IN THE DEED TO THE PROPERTY;
 - 3.2. CERTIFICATIONS BY THE COMPANY, THE DESIGNER, AND THE INSTALLER;
 - 3.3. SYSTEM OWNER ACKNOWLEDGEMENT OF RESPONSIBILITIES;
 - 3.4. A CERTIFIED OPERATOR UNDER CONTRACT FOR PERIODIC INSPECTION AND MAINTENANCE;
 - 3.5. PERIODIC SAMPLING;
 - 3.6. RECORDKEEPING AND REPORTING; AND
 - 3.7. AN EXTERNAL POWER SUPPLY
4. THE SYSTEM OWNER SHALL PROVIDE ACCESS TO THE SITE FOR PURPOSES OF SAMPLING THE SYSTEM IN ACCORDANCE WITH THE COMPANY'S TECHNOLOGY PERFORMANCE EVALUATION PLAN APPROVED BY THE DEPARTMENT, IN ADDITION TO PROVIDING ACCESS FOR PERFORMING INSPECTIONS, MAINTENANCE, REPAIRS, AND RESPONDING TO ALARM EVENTS.
5. THE CONTROL PANEL INCLUDING ALARMS SHALL BE MOUNTED IN A LOCATION ACCESSIBLE TO THE SYSTEM OPERATOR.
6. IN COMPLIANCE WITH 310 CMR 15.240(13), A MINIMUM OF ONE (1) INSPECTION PORT SHALL BE PROVIDED WITHIN THE SAS CONSISTING OF A PERFORATED FOUR INCH PIPE PLACED VERTICALLY DOWN INTO THE STONE TO THE NATURALLY OCCURRING SOIL OR SAND FILL BELOW THE STONE. THE PIPE SHALL BE CAPPED WITH A SCREW TYPE CAP AND ACCESSIBLE TO WITHIN THREE INCHES OF FINISH GRADE.
7. INSPECTION, OPERATION AND MAINTENANCE (O & M), SAMPLING, AND FIELD TESTING OF THE SYSTEM REQUIRED BY THIS APPROVAL SHALL BE PERFORMED BY A SYSTEM OPERATOR WITH THE FOLLOWING QUALIFICATIONS:
 - 7.1. IS AN APPROVED SYSTEM INSPECTOR IN ACCORDANCE WITH 310 CMR 15.340;
 - 7.2. HAS BEEN TRAINED BY THE COMPANY AND WHOSE NAME APPEARS ON THE COMPANY'S CURRENT LIST OF QUALIFIED OPERATORS; AND
 - 7.3. HAS BEEN CERTIFIED AT A MINIMUM OF GRADE LEVEL IV (FOUR) BY THE BOARD OF REGISTRATION OF OPERATORS OF WASTEWATER TREATMENT FACILITIES, IN ACCORDANCE WITH MASSACHUSETTS REGULATIONS 257 CMR 2.00. THE NAME OF THE OPERATOR SHALL BE INCLUDED IN THE O&M AGREEMENT REQUIRED BY PARAGRAPH B (14).
8. PRIOR TO THE USE OF THE SYSTEM, THE SYSTEM OWNER SHALL ENTER INTO AN O&M AGREEMENT WITH A QUALIFIED CONTRACTOR AND SUBMIT THE AGREEMENT TO THE APPROVING AUTHORITY AND THE COMPANY. THE AGREEMENT SHALL BE AT LEAST FOR ONE YEAR
9. A WIFI CONNECTION SHALL BE PROVIDED FOR EACH OF THE SYSTEMS TO ALLOW REMOTE MONITORING.
10. THE TENANTS/RESIDENTS OF THE APARTMENT BUILDINGS SHALL BE NOTIFIED WITH THE FOLLOWING NOTICE:

THE DOS & DON'TS OF YOUR NITROE® WMTS TANK
AVOID FLUSHING THE FOLLOWING ITEMS DOWN YOUR TOILET OR DRAIN:

COOKING GREASE
BABY WIPES / CLEANING PADS
PILLS
PAINTS AND/OR SOLVENTS
DRAIN CLEANING PRODUCTS
DIAPERS
HIGHLY CONCENTRATED CHLORINE

STRONG ACIDS AND BASES
Q-TIPS / COTTON BALLS
CIGARETTE BUTTS
FOOD
DENTAL FLOSS
PAPER TOWELS
PERSONAL HYGIENE PRODUCTS

DESIGN NOTES

1. 4,000 P.S.I. CONCRETE @ 28 DAYS
2. KNOCK-OUT OPENINGS FOR 4" PVC
3. REINFORCING ASTM A-615, GRADE-60
4. BUTYL SEALANT AVAILABLE
5. DESIGN LOADING AASHTO HS-20

D-BOX DETAIL

(NOT TO SCALE)

SUBSURFACE SEWAGE DISPOSAL SYSTEM

(NOT TO SCALE)

SEPTIC DESIGN

(NOT DESIGNED FOR GARBAGE GRINDER)

1. DESIGN DAILY FLOW: 11 BR. x 110 GPD = 1,230 GPD
2. SEPTIC TANK: (2 COMPARTMENT TANK REQUIRED)
2,460 GALLONS FIRST COMPARTMENT 1,230 GALLONS 2ND COMPARTMENT
USE: 4,500 GAL 2-COMPARTMENT TANK
3. LEACHING: P.R. < 2 MIN/IN - 5 MIN/IN CLASS I ASSUMED

USE: 4 - 75' LONG x 2' WIDE x 2' DEEP LEACHING TRENCHES
TITLE 5

PROPOSED AREA: 4 X 75 LF x 6 SF/LF = 1,800 S.F.
CAPACITY: 1,800 S.F. x 0.74 GPD/S.F. = 1,332 > 1,230 GPD(D.F.)

SEPTIC NOTES

1. PROPERTY LINE DATA FROM PLAN SHOWING TOWN OF MARSHFIELD GRAVEL PIT & AREAS CONVEYED TO MARSHFIELD SAND AND GRAVEL COMPANY AND GINO RUGANI BY STENBECK & TAYLOR, SURVEYORS MARSHFIELD MASSACHUSETTS DATED APRIL 26, 1954. PLAN RECORDED AT THE PLYMOUTH COUNTY REGISTRY OF DEEDS AS PLAN 608 OF 1956.
2. TOPOGRAPHIC SURVEY PERFORMED BY GRADY CONSULTING, LLC DATED APRIL 2007.
3. SOILS TESTING BY DARREN GRADY, GRADY CONSULTING, LLC WITNESSED BY HEALTH AGENT PETER FALABELLA FEBRUARY 20, 2024
4. CALL DIG SAFE 1-888-344-7233 AT LEAST 4 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. NOTIFY TOWN AND GRADY CONSULTING PRIOR TO BACKFILLING OF SYSTEM.
6. NO KNOWN WELLS EXIST WITHIN 200' OF THE PROPOSED SYSTEM
7. THE SITE IS LOCATED IN AN AQUIFER PROTECTION ZONE II.
8. THE SYSTEM IS LOCATED IN A PUBLIC OR PRIVATE WATER SUPPLY PROTECTION AREA (310CMR15.214(1)(g)).
9. THE SYSTEM IS NOT LOCATED IN A NATURAL RESOURCE AREA (310CMR15.214(1)(b)).
10. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED (310 CMR 15.221(12)).
11. NO STREAMS, SURFACE & SUBSURFACE DRAINS AND WETLANDS EXIST WITHIN 100 FT OF THE PROPOSED SYSTEM.
12. THE SITE IS NOT LOCATED IN A FLOOD PLAIN DISTRICT.
13. NO KNOWN EASEMENTS ARE IN THE AREA OF THE PROPOSED SYSTEM.
14. EXCAVATE ALL MATERIAL (DISTURBED C LAYER) TO COARSE SAND C LAYER (18"), 5' AROUND SYSTEM. REPLACE WITH CLEAN COARSE SAND IN ACCORDANCE WITH 310 CMR 15.255 (3). EXCAVATION TO BE INSPECTED BY GRADY CONSULTING L.L.C. AND TOWN PRIOR TO SOIL REPLACEMENT

APPROXIMATE PERC SAND VOLUME = 85 X 36.25 X (1.5') / 27 + 20% = 210± C.Y. PER SYSTEM

REQUIRED INSPECTIONS

1. AFTER SYSTEM CONSTRUCTION PRIOR TO BACKFILLING.
 2. AFTER FINAL GRADING IS COMPLETED.
- (ADDITIONAL INSPECTIONS MAY BE REQUIRED BY THE BOARD OF HEALTH)

REVISIONS	
JANUARY 5, 2024	PEER REVIEW COMMENTS
FEBRUARY 9, 2024	PEER REVIEW COMMENTS, NITROE 2KM
FEBRUARY 28, 2024	PERCOLATION TESTING



SITE PLAN
BRIDLE CROSSING
OFF FERRY STREET
MARSHFIELD, MASSACHUSETTS

PREPARED FOR:
MATLIN LLC C/O
KEVIN SEALUND & MATTHEW DACEY
794 WASHINGTON STREET
PEMBROKE, MA 02359

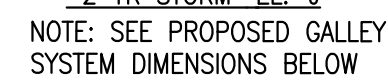
NOVEMBER 9, 2023
SCALE: AS SHOWN
JOB No. 12-243

GRADY CONSULTING, L.L.C.

Civil Engineers, Land Surveyors & Landscape Architects
71 Evergreen Street, Suite 1, Kingston, MA 02364
Phone (781) 585-2300

SHEET 9 OF 15

1. PRECAST CONCRETE UNITS TO CONFORM TO THE MASS HIGHWAY SECTION M4.02.14
2. 4000 PSI MINIMUM COMPRESSIVE STRENGTH
3. PRECAST UNITS TO BE HS-20 LOADING
4. EXTERIOR SURFACES TO BE SEALED W/ COLD APPLIED BITUMINOUS SEALER
5. CASTINGS FOR FRAME, GRATES, COVERS & HOODS TO CONFORM TO ASTM A48, GRADE 30 MINIMUM & COATED WITH APPROVED BLACK ASPHALTUM.



NOTE: SEE PROPOSED GALLEY
SYSTEM DIMENSIONS BELOW

FAST CONCRET

PROPOSED 4X4X4 PRECAST CONCRETE GALLEY CHAMBER SYSTEM

(NOT TO SCALE)

SITE PLAN
BRIDLE CROSSING
OFF FERRY STREET
MARSHFIELD, MASSACHUSETTS

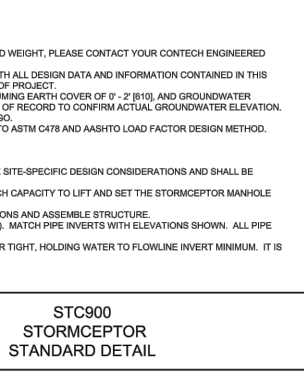
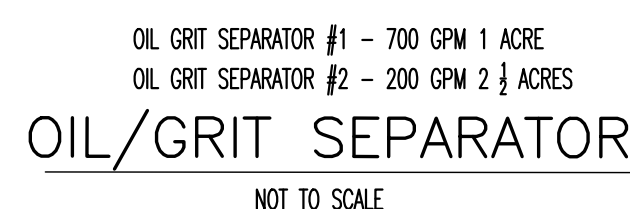
PREPARED FOR:
MATLIN LLC C/O
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794 WASHINGTON STREET
PEMBROKE, MA 02359

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HEET 10 OF 15



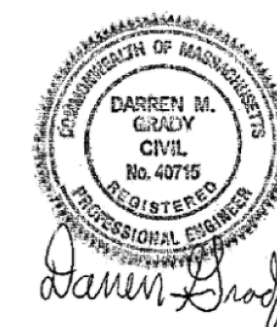
PROPOSED GALLEY SYSTEMS DIMENSIONS													
UNIT	INVERT IN A	BOT. STONE B	BOT. DRYWELL C	TOP DRYWELL D	TOP STONE E	FG F	2YR. G	10YR. H	25YR. I	100YR. J	LENGTH (L)	WIDTH (W)	CONFIGURATION
1	67.00	66.00	66.50	70.50	71.00	72.00	67.98	68.77	6.25	70.06	32.80	265.00	7X6
2	78.30	77.80	78.30	82.30	82.80	85.50	79.23	80.19	0.87	82.62	74.00	63.60	14X18
3a	83.00	82.00	82.50	86.50	87.00	88.00	84.10	84.94	65.45	86.82	74.00	28.40	6X18
3b	83.00	82.00	82.50	86.50	87.00	88.00	84.10	84.94	85.45	86.82	50.00	15.20	3X12
3c	83.00	82.00	82.50	86.50	87.00	88.00	84.10	84.94	85.45	86.82	50.00	15.20	3X12
4	78.30	77.80	78.30	82.30	82.30	83.90	79.16	80.19	80.87	82.62	90.00	58.00	20X14
5	62.00	61.05	61.55	65.55	66.05	72.00	62.50	63.52	64.19	65.93	186.00	55.40	11X46

REVISIONS	
JANUARY 5, 2024	PEER REVIEW COMMENTS
FEBRUARY 9, 2024	PEER REVIEW COMMENTS, NiTROE 2K
FEBRUARY 28, 2024	PERCOLATION TESTING

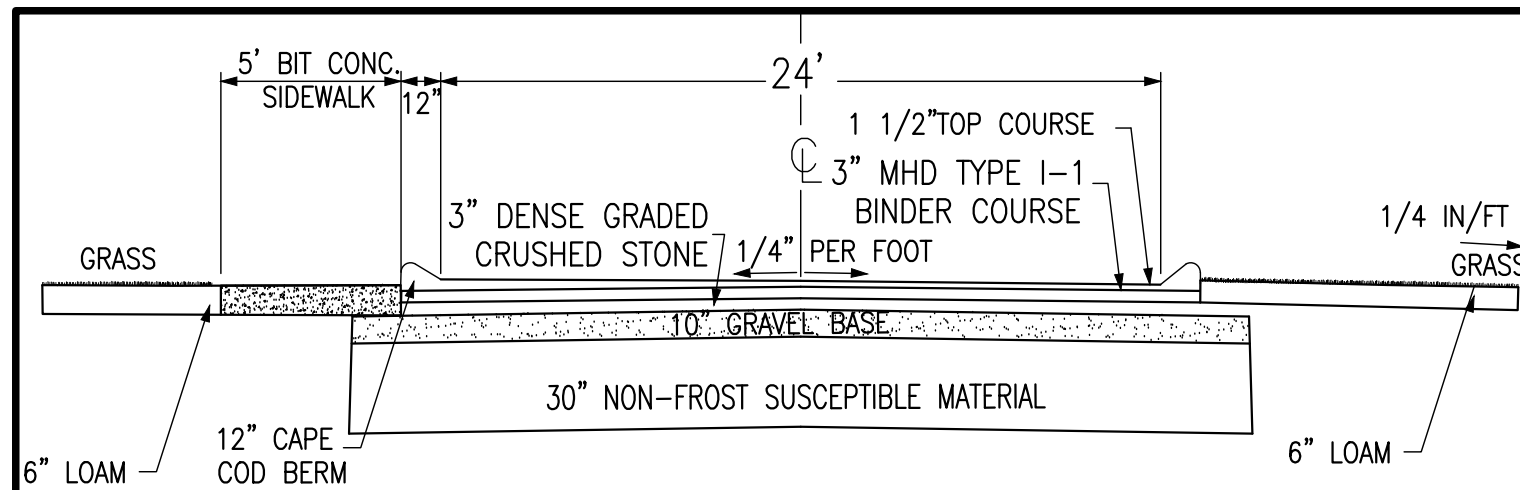
REQUIRED INSPECTIONS

CONTRACTOR SHALL CONTACT GRADY CONSULTING 781 585-2300 AND MERRILL ENGINEERS AND LAND SURVEYORS 781-826-9200 FOR INSPECTIONS

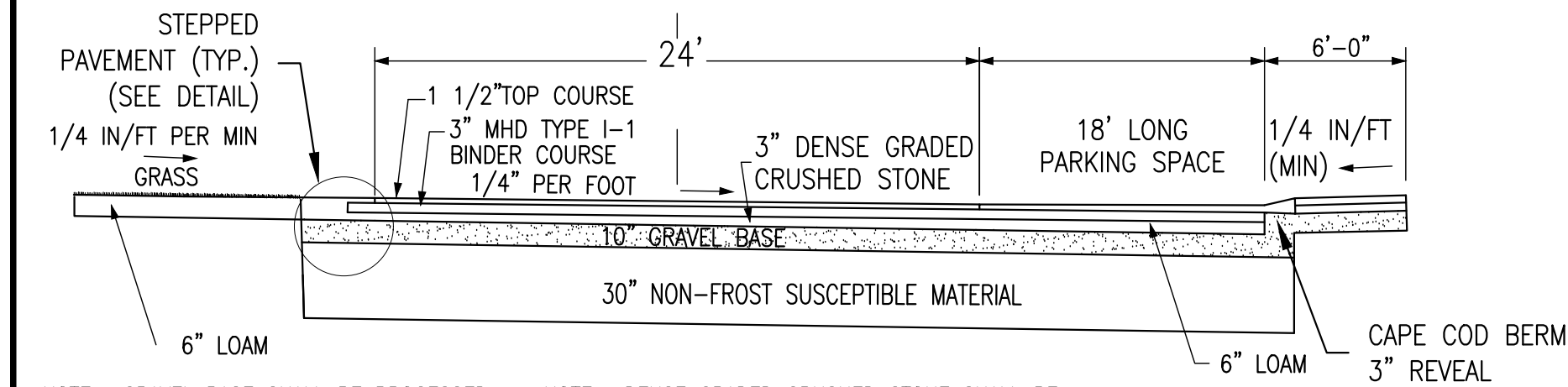
1. AFTER EXCAVATION OF LEACHING AREA PRIOR TO INSTALLING SAND.
2. AFTER SYSTEM CONSTRUCTION PRIOR TO BACKFILLING.



STORMWATER DETAILS



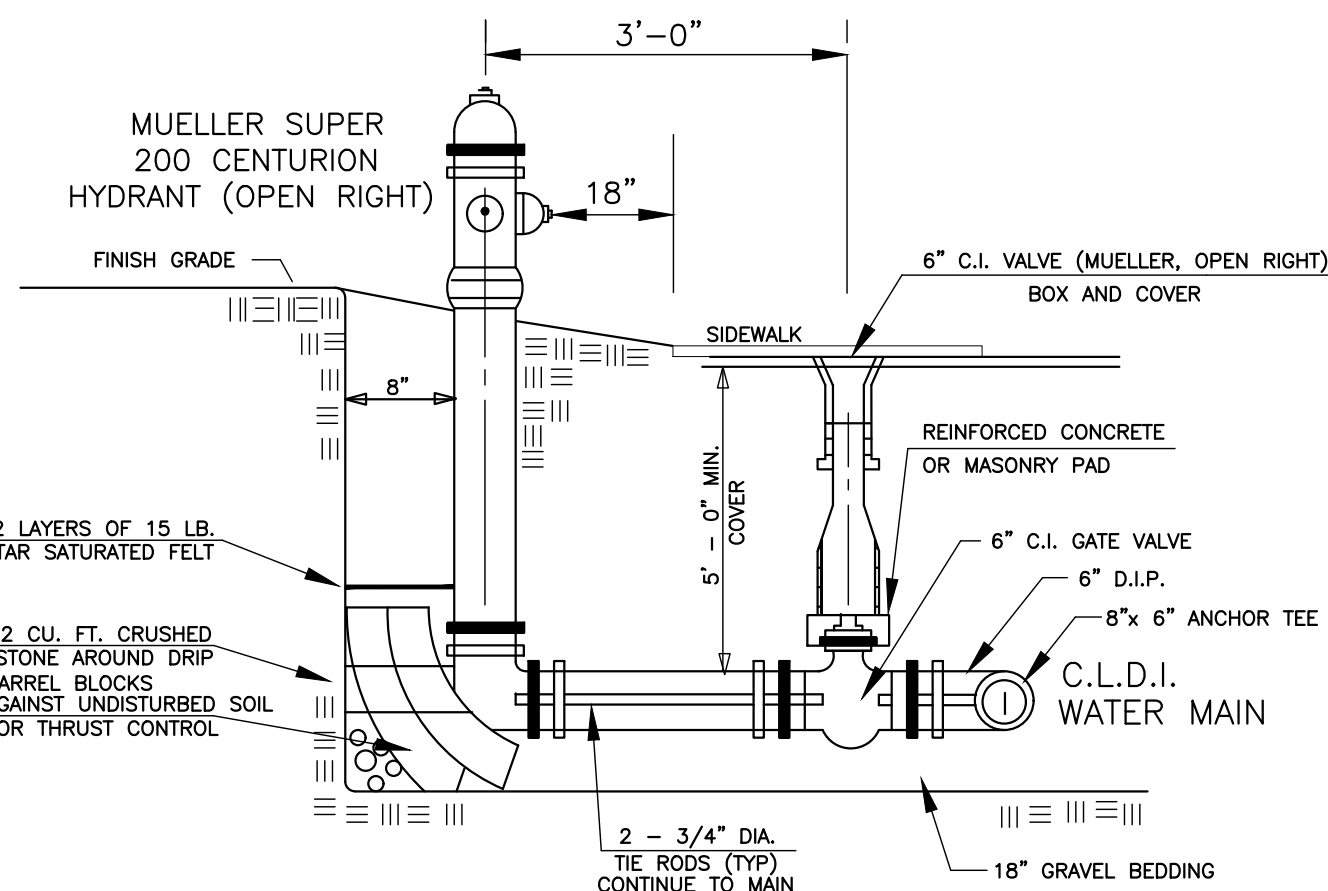
ROADWAY SECTION
(NOT TO SCALE)



NOTE: GRAVEL BASE SHALL BE PROCESSED GRAVEL MEETING MASSDOT SPEC M1.03.1
SIEVE DESIGNATION PERCENT PASSING
3 INCH 100%
1 1/2 INCH 70%-100%
3/4 INCH 30%-60%
NO. 200 0%-10%

NOTE: DENSE GRADED CRUSHED STONE SHALL BE CONFORM TO MASSDOT SPEC M2.01.7
SIEVE DESIGNATION PERCENT PASSING
2 INCH 100%
1 1/2 INCH 70%-100%
3/4 INCH 50%-85%
NO. 4 30%-55%
NO. 50 8%-24%
NO. 200 3%-10%

ROADWAY AND PARKING SECTION
(NOT TO SCALE)



TYPICAL HYDRANT DETAIL
(NOT TO SCALE)

CONSTRUCTION SEQUENCE:

INSTALL GATES, AND "KEEP OUT - DANGER" SIGNS.

POST EMERGENCY RESPONSE PLAN AND PLACE SPILL KITS ON-SITE
(SPILL KITS SHALL BE KEPT AT A MINIMUM OF 500 FEET FROM EXCAVATION AREA)

CONSTRUCT TEMPORARY EARTH BERM

CONSTRUCT CRUSHED STONE APRON(S) AND ACCESS DRIVE FOR EARTH REMOVAL

REMOVE STUMPS FROM SITE

STOCKPILE LOAM ON-SITE

EXCAVATION WILL START AT THE WEST END PROPERTY LINE AND MOVE IN AN EASTERLY DIRECTION DOWN TO ROUGH GRADE LEVEL AS SHOWN ON THE PHASING PLANS

STABILIZE SLOPES AS EXCAVATION PROCEED EASTERLY

CONSTRUCT PROPOSED INTERSECTION IMPROVEMENTS ON FERRY STREET AT ACCESS DRIVE

INSTALL UTILITIES (I.E. DRAINAGE, WATER, GAS, ELECTRIC, TELEPHONE, CABLE)

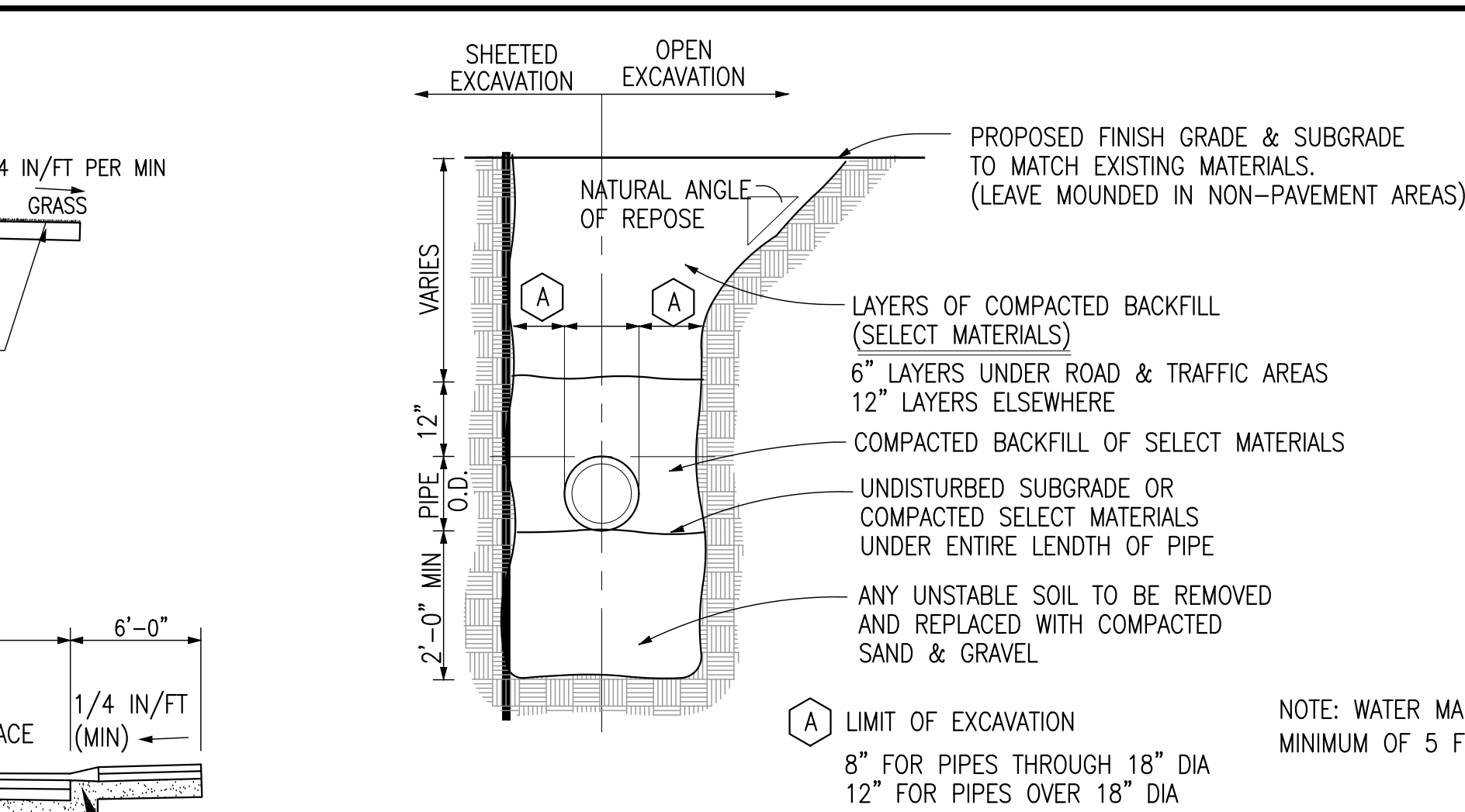
REMOVE TEMPORARY EARTH BERM AND EARTH REMOVAL ACCESS DRIVE

PREPARE SUBGRADE FOR ACCESS DRIVEWAY AND PARKING AREA

INSTALL LOAM, SEED, LANDSCAPING, AT FINISH GRADES

INSTALL FINISHED DRIVEWAY AND PARKING SURFACES.

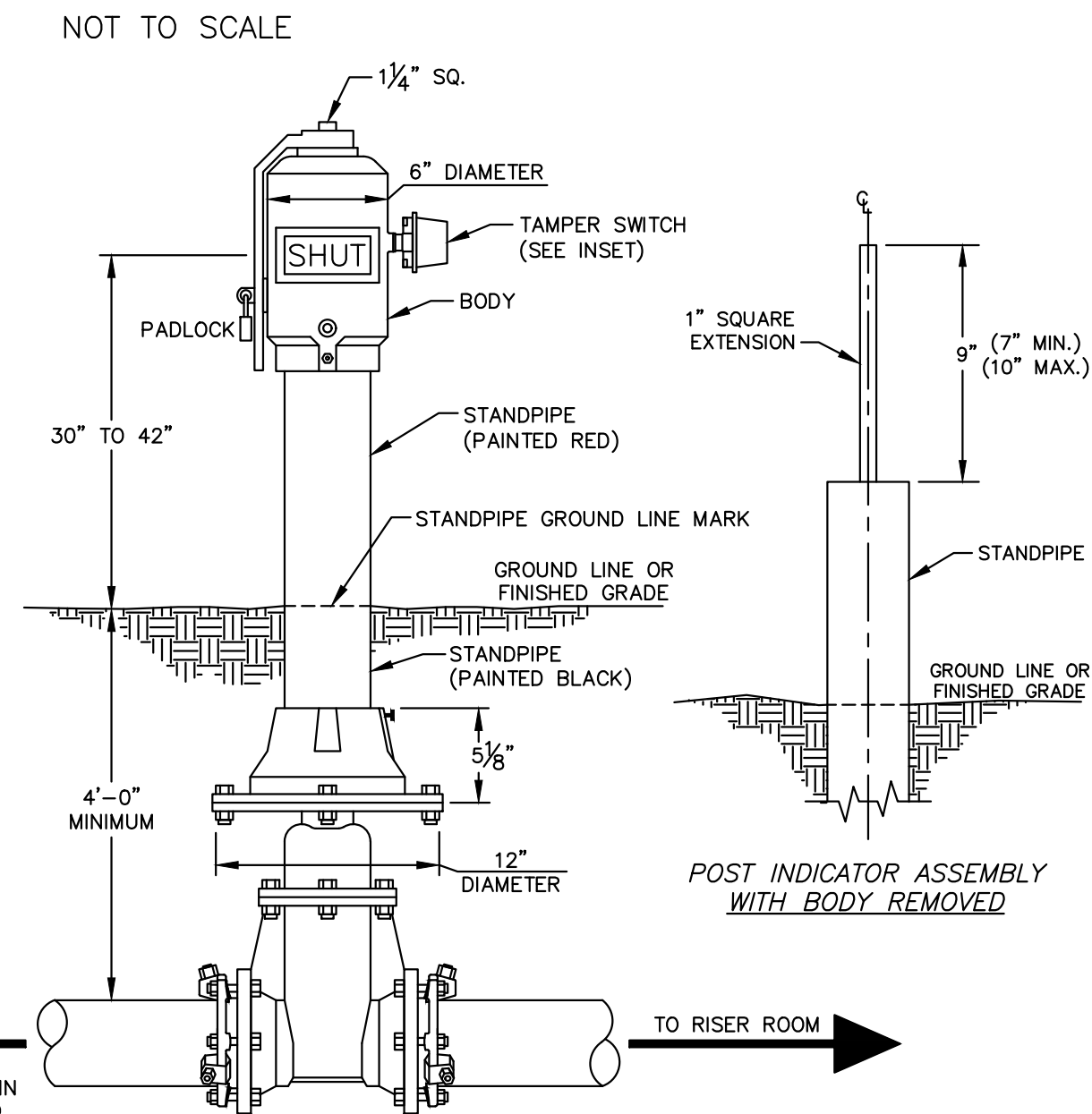
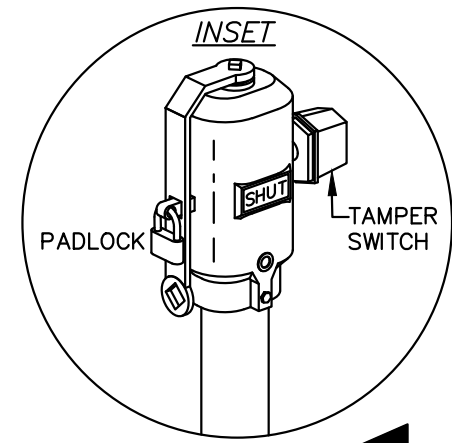
INSTALL FENCING.



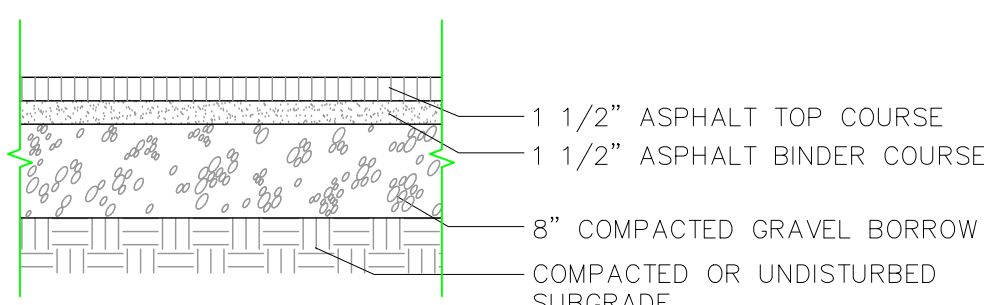
TRENCH EXCAVATION DETAIL
(NOT TO SCALE)

FIELD ADJUSTMENT INSTRUCTIONS

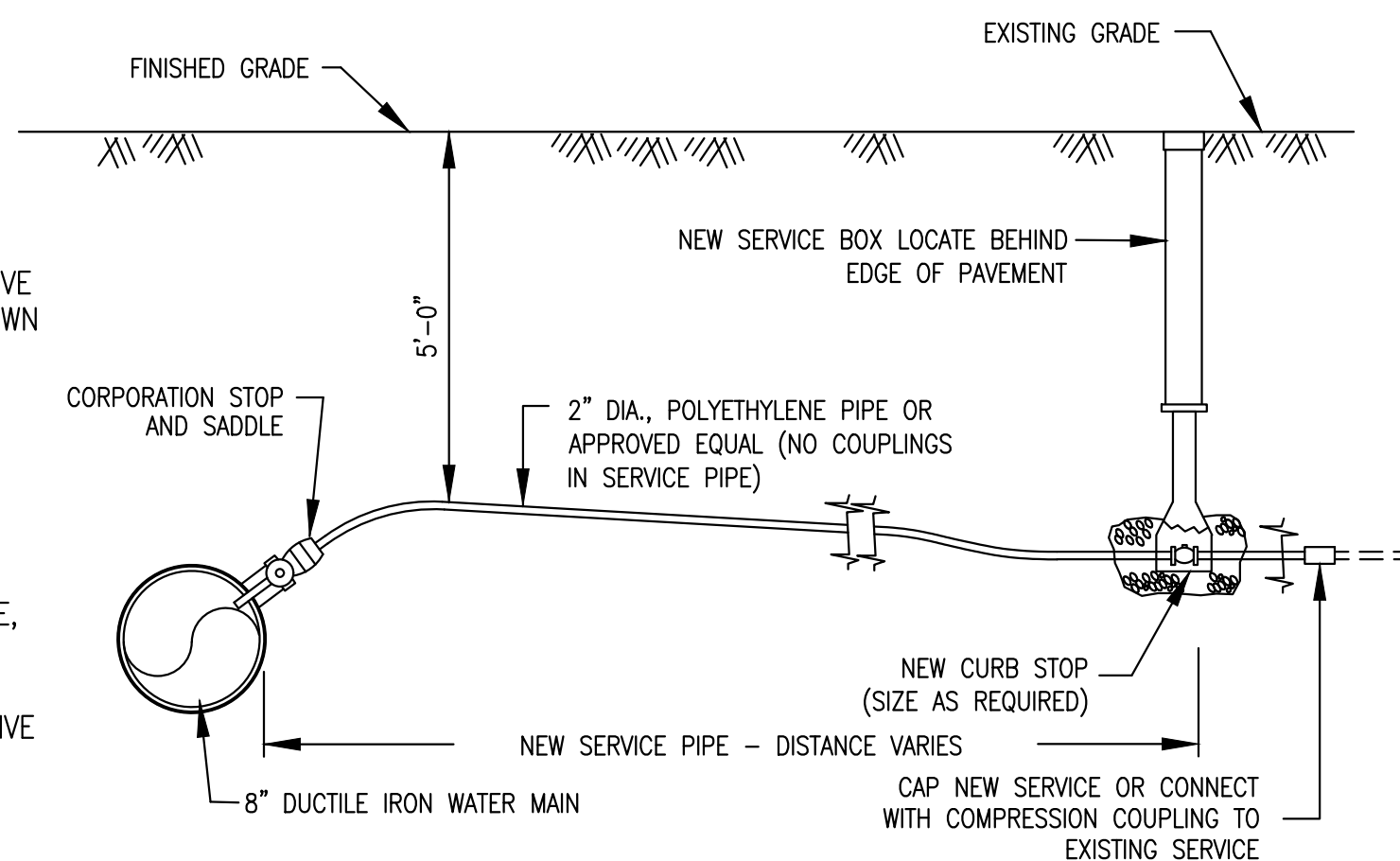
1. REMOVE THE BODY FROM THE TOP OF THE INDICATOR POST ASSEMBLY.
2. CUT THE REQUIRED LENGTH OFF THE BOTTOM OF THE STANDPIPE FOR THE GROUND LINE TO MATCH UP WITH STANDPIPE GROUND LINE MARK.
3. CUT THE 1 INCH SQ. EXTENSION AT A DISTANCE OF 9 INCHES ABOVE THE TOP OF THE STANDPIPE.
4. SET THE "OPEN" AND "SHUT" TARGETS FOR THE APPROPRIATE VALVE SIZE.
5. RE-ATTACH THE BODY TO THE TOP OF THE INDICATOR POST ASSEMBLY.
6. ALL POST INDICATOR VALVES SHALL BE INSTALLED WITH AN ELECTRONIC UL LISTED TAMPER SWITCH.
7. THERE SHALL BE 36 INCHES OF UNOBSTRUCTED CLEARANCE AROUND THE PERIMETER OF ALL POST INDICATOR VALVES.
8. POST INDICATOR VALVE SHALL BE LOCATED AT A MINIMUM 5 FEET FROM BUILDING.



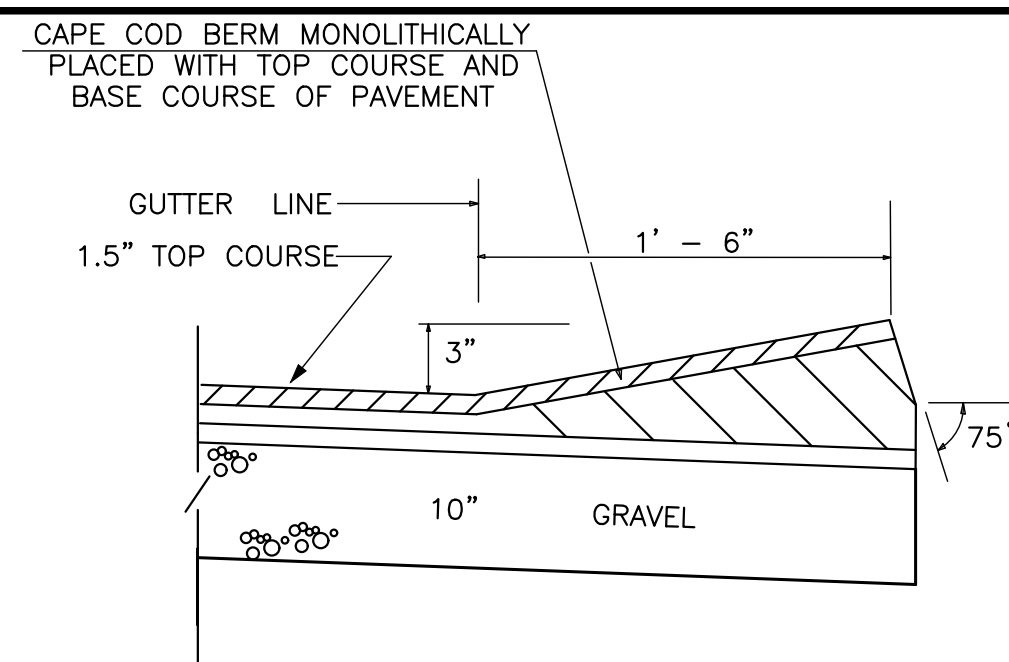
POST INDICATOR VALVE
(NOT TO SCALE)



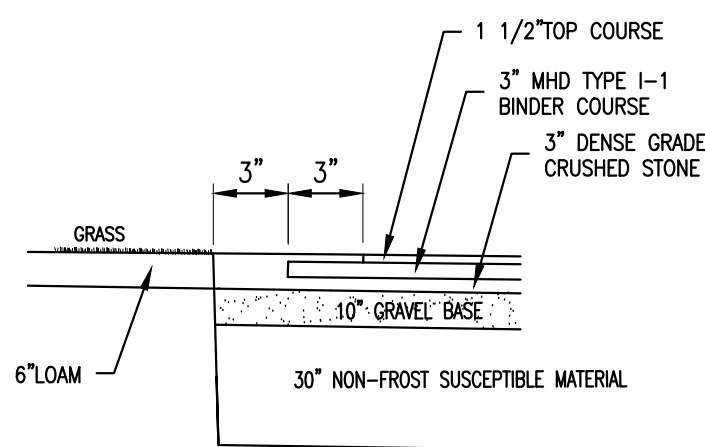
BIT CONCRETE SIDEWALK
(NOT TO SCALE)



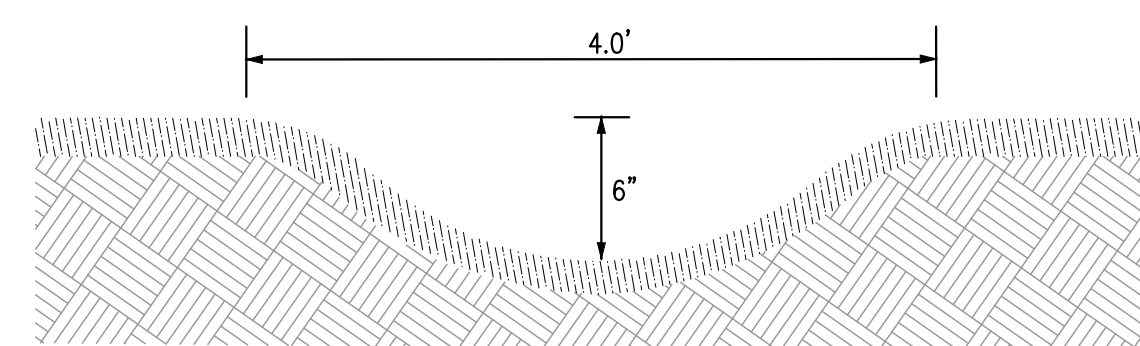
2"Ø DOMESTIC WATER SERVICE DETAIL
(NOT TO SCALE)



CAPE COD BERM DETAIL
(NOT TO SCALE)



STEPPED PAVEMENT DETAIL
(NOT TO SCALE)



SWALE DETAIL
(NOT TO SCALE)

DATE	OBSERVATION WELL ELEVATIONS					WITNESS
	#1	#2	#3	#4	#5	
3/28/08	41.63	43.65	-	-	-	RP +JP
5/30/08	41.01	43.25	44.40	40.66	-	PGB
3/13/09	41.71	44.35	44.90	40.66	40.45	PGB
4/29/10	45.41	48.75	49.30	45.13	44.85	PF
3/4/11	41.44	44.05	45.00	40.66	40.05	PF + LT
12/30/16	-	38.95	NW	-	-	EP
12/30/16	-	40.95	NW	NW	37.25	EP

FRIMPTER ADJUSTMENT

$$Sh = Sc - [(Sr/Owr) * (Owc - Owmax)]$$

$$Sh = 17.4 - [(4.20/4.11) * (7.56 - 5.86)]$$

$$Sh = 17.4 - 1.74 = 15.7$$

ADJUSTED GROUNDWATER ELEVATION WELL #3 (4/29/10)
= 49.3 + 1.74 = EL. 51.04

SOIL LOGS (NOT TO SCALE)

T.H.#1 EL. 53.00	TH#2 EL. 64.60	T.H.#3 EL. 65.70	T.H.#16-1 EL. 67.30	T.H.#16-2 EL. 66.70
0"-162" C MEDIUM-FINE SAND	0"-30" FILL 30"-192" C GRAVELLY SAND	0"-24" FILL 24"-228" C SAND	0"-252" C SAND	0"-264" C SAND
39.5	62.10	63.70	46.70	41.70
D=13'-6"	D=16'-0"	D=19'-0"	D=21'-0"	D=25'-0"
WATER @ 13'-0" (EL.=40.00)	NO WATER	NO WATER	NO WATER	MOTTLES @ 25'-0" EL.=41.70

TEST HOLES 1, 2, 3 WERE PERFORMED BY DARREN GRADY, P.E. ON MARCH 14, 2007
TEST HOLES 16-1, 16-2 WERE PERFORMED BY DARREN GRADY, P.E. AND WITNESSED BY ED PESCE, P.E. ON DECEMBER 30, 2016

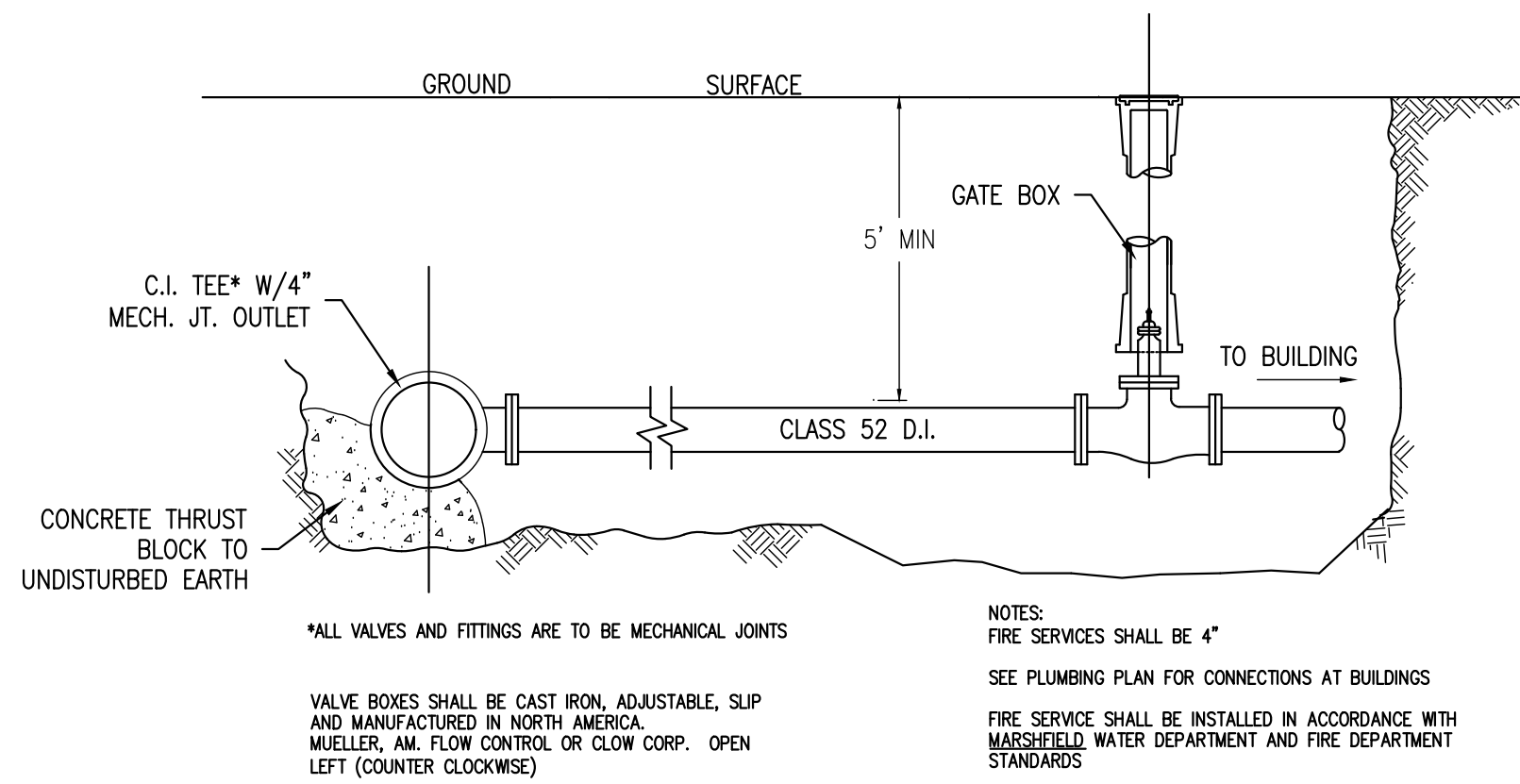
CONSTRUCTION NOTES

GENERAL:

1. THE ACCURACY OF EXISTING UTILITY LOCATIONS, DIMENSIONS AND LINES IS FROM EXISTING INFORMATION OF RECORD AND IS NOT WARRANTED. CONTRACTOR TO VERIFY PRIOR TO INITIATING CONSTRUCTION.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SECURE ALL NECESSARY STATE, MUNICIPAL AND OTHER UTILITY PERMITS AND VERIFY THE PROPOSED LOCATIONS OF UTILITIES WITH UTILITY COMPANIES.
3. CONTRACTOR SHALL NOTIFY "DIG SAFE" (1-800-322-4844) AT LEAST 4 DAYS PRIOR TO CONSTRUCTION.
4. UNDERGROUND UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE APPROPRIATE DEPARTMENT OR COMPANY. THE CONTRACTOR SHALL NOTIFY THE MARSHFIELD D.P.W. (834-5589) AT LEAST 4 DAYS PRIOR TO CONSTRUCTION OF DRAINAGE & WATER SYSTEMS.
5. SEWAGE DISPOSAL TO CONSIST OF SEPTIC SYSTEMS.
6. ALL STUMPS SHALL BE DISPOSED OFF SITE.

WATER SYSTEM NOTES:

1. ALL MAINS SHALL BE 8" CEMENT LINED DUCTILE IRON PIPE, CLASS 52.
2. ALL WATER SERVICES SHALL BE 2" POLYETHYLENE PIPE.
3. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO TOWN OF MARSHFIELD WATER DEPARTMENT REQUIREMENTS.
4. PROVIDE THRUST BLOCKS AT ALL WATER MAIN FITTINGS.
5. HYDRANTS SHALL BE MUELLER CENTURION 200 WITH BRASS FITTINGS, MECHANICAL JOINT ANCHORING TEES AND THRUST BLOCKS.



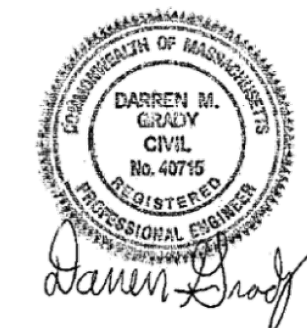
*ALL VALVES AND FITTINGS ARE TO BE MECHANICAL JOINTS

NOTES:
FIRE SERVICES SHALL BE 4"
SEE PLUMBING PLAN FOR CONNECTIONS AT BUILDINGS
FIRE SERVICE SHALL BE INSTALLED IN ACCORDANCE WITH MARSHFIELD WATER DEPARTMENT AND FIRE DEPARTMENT STANDARDS

FIRE SERVICE DETAIL

NOT TO SCALE

REVISIONS	
JANUARY 5, 2024	PEER REVIEW COMMENTS
FEBRUARY 9, 2024	PEER REVIEW COMMENTS, NITROE 2KM
FEBRUARY 28, 2024	PERCOLATION TESTING



SITE PLAN BRIDLE CROSSING OFF FERRY STREET MARSHFIELD, MASSACHUSETTS

PREPARED FOR:
MATLIN LLC C/O
KEVIN SEALUND & MATTHEW DACEY
794 WASHINGTON STREET
PEMBROKE, MA 02359

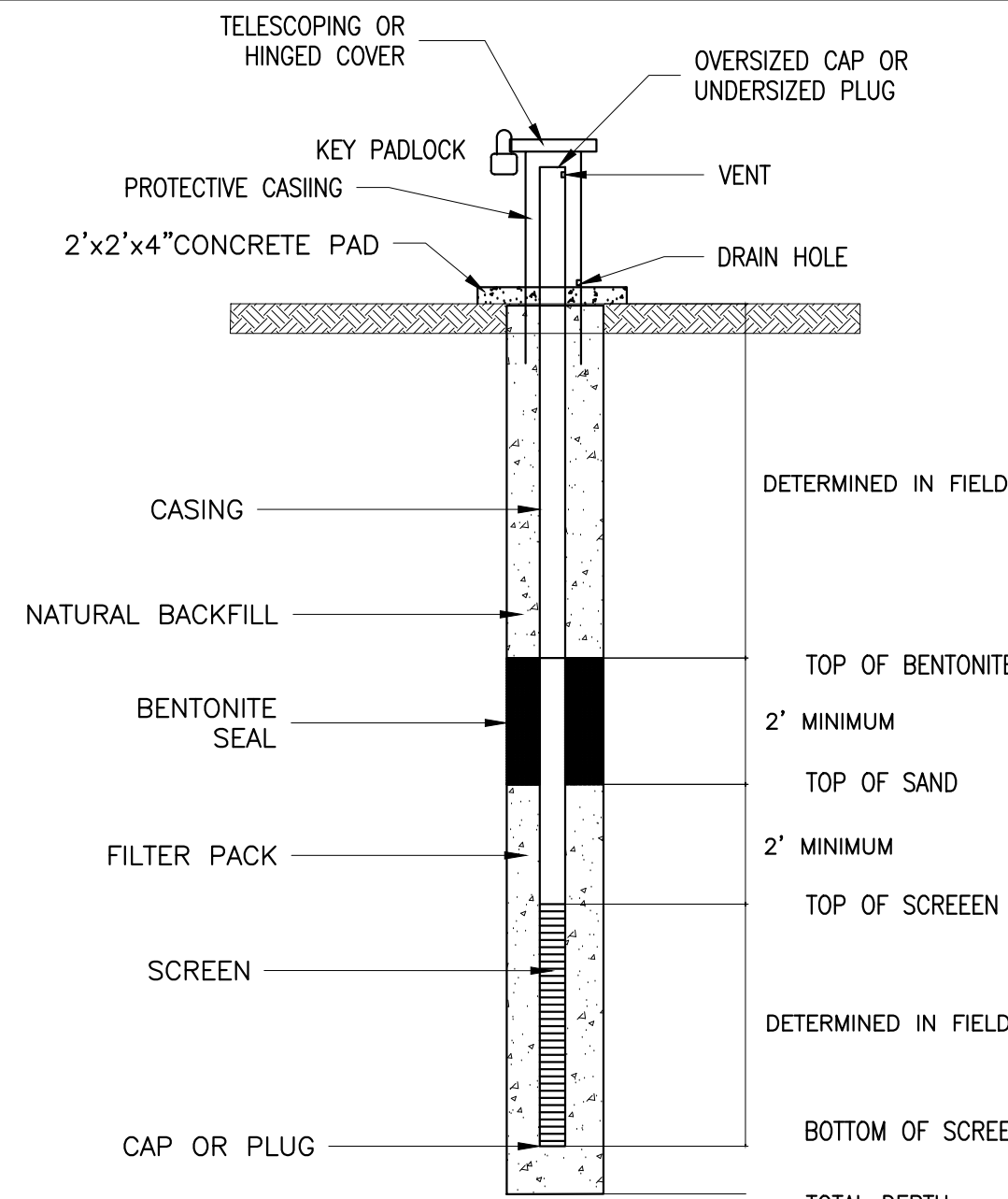
NOVEMBER 9, 2023
SCALE: AS SHOWN
JOB No. 12-243

GRADY CONSULTING, L.L.C.
Civil Engineers, Land Surveyors & Landscape Architects
71 Evergreen Street, Suite 1, Kingston, MA 02364
Phone (781) 585-2300



DANGER — KEEP OUT SIGN (NOT TO SCALE)

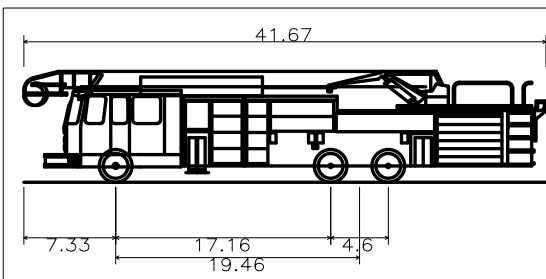
HANDICAP PARKING SIGN (NOT TO SCALE)



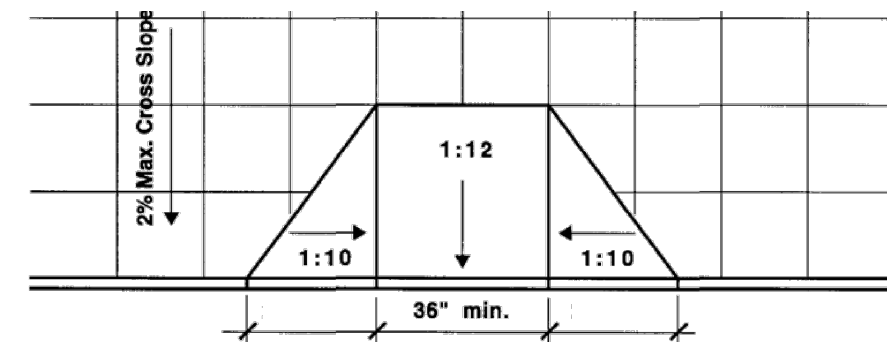
NOTE: SCREENS SHALL BE INSTALLED AT A DEPTH THAT STRADDLES THE AVERAGE ELEVATION OF THE WATER TABLE, 5 FEET ABOVE THE AVERAGE WATER TABLE AND 5 FEET BELOW THE AVERAGE WATER TABLE.

MONITORING WELL

(NOT TO SCALE)



Marshfield Ladder 2020
Overall Length 41.67ft
Overall Width 7.33ft
Overall Body Height 17.18ft
Min Body Ground Clearance 4.8ft
Track Width 19.46ft
Lock-to-lock time 6.00s
Max Wheel Angle 37.00°



21.8

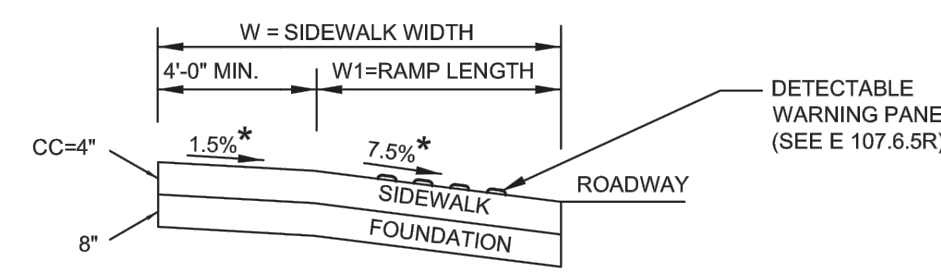
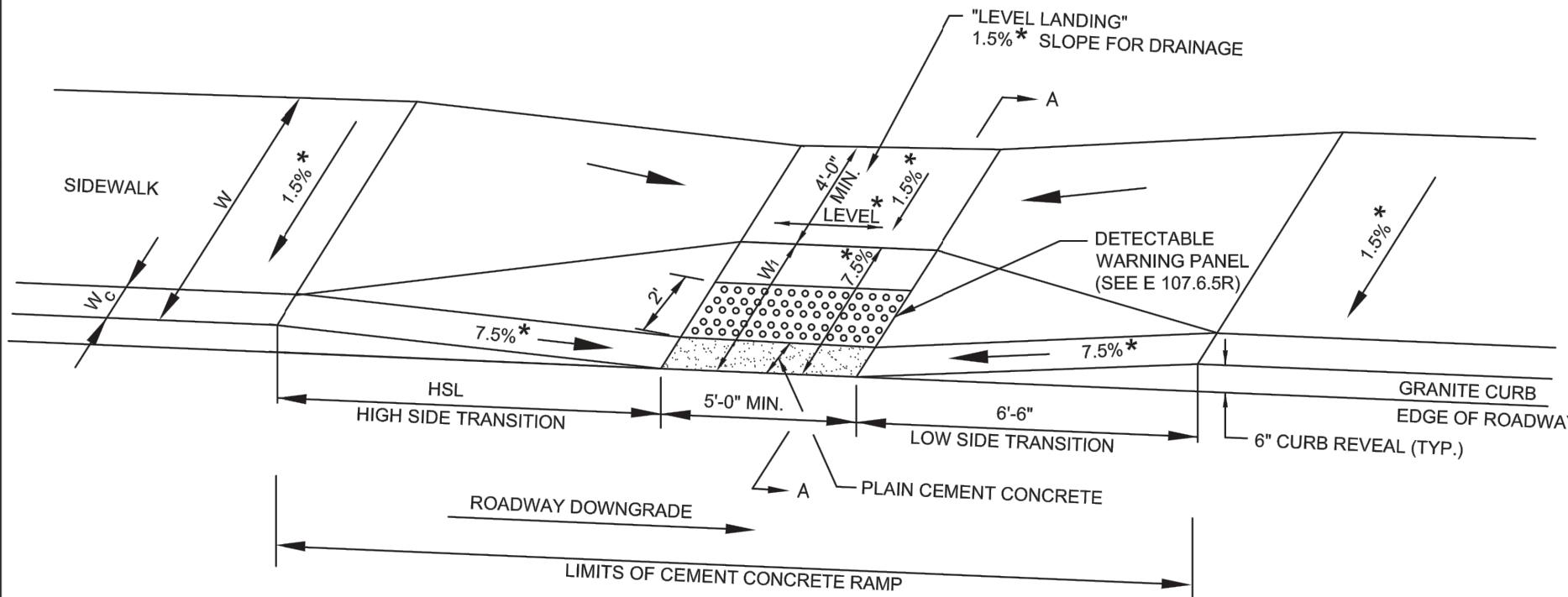
RETURNED SIDES
Curb cuts with returned sides are only permitted where they are protected by handrails pursuant to 521 CMR 24.5, Handrails or where pedestrian travel across the ramp is obstructed by permanently installed street hardware or landscaping. See Fig. 21d.

RAMP FLARED SIDES DETAIL

(NOT TO SCALE)

MASSDOT CONSTRUCTION STANDARDS
WHEELCHAIR RAMPS
LESS THAN 12'-4" SIDEWALK
DATE OF ISSUE: JUNE 2014
DRAWING NUMBER: E 107.2.0

LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0R)
W = SIDEWALK WIDTH
W_c = CURB WIDTH
W₁ = PERPENDICULAR RAMP LENGTH
C/C = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION ±0.5%
USABLE SIDEWALK WIDTH PER AAB = W-W_c
RAMP LENGTH, W₁ = W-4'-0" Min



SECTION A-A

21.3

SLOPE
The least possible slope should be used for any ramp. The maximum slope shall be one-in-12 (1:12) (8.3%). Where sidewalks are too narrow to install a straight-line curb cut at a slope of one-in-12 (1:12) (8.3%), the sides of the curb cut shall not exceed one-in-12 (1:12) (8.3%). See Fig. 21b. The maximum cross-slope for any curb cut shall be 1:50 (2%). (There is no tolerance allowed on slope requirements). (Refer to 521 CMR 2.4.4d).

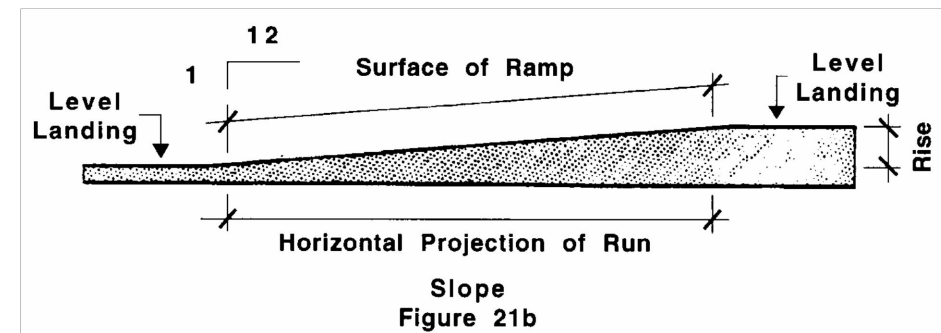


Figure 21b

RAMP SLOPE DETAIL

(NOT TO SCALE)

23.4.6 Access aisles: All accessible spaces shall have access aisles that comply with the following:

- a. Parking access aisles shall be part of an accessible route to the building or facility entrance and shall comply with 521 CMR 20.00: ACCESSIBLE ROUTE.

Exception: For temporary accessible parking, directional signage along the entire accessible route, using the international symbol of accessibility and an arrow, shall be used to direct people to the closest accessible entrance.

- b. Access aisles adjacent to accessible spaces shall be five feet (5' = 1524mm) wide minimum, except adjacent to van accessible spaces the access aisle shall be a minimum of eight feet (8' = 2438mm) wide.

Exception: When temporary accessible parking is located within a field or otherwise unimproved site, when such area has not been improved in accordance with 521 CMR, the spaces shall be located on the least sloping area of the parking lot in conjunction with the temporary accessible parking spaces.

- c. Two accessible parking spaces may share a common access aisle. See Fig. 23a and 23b.

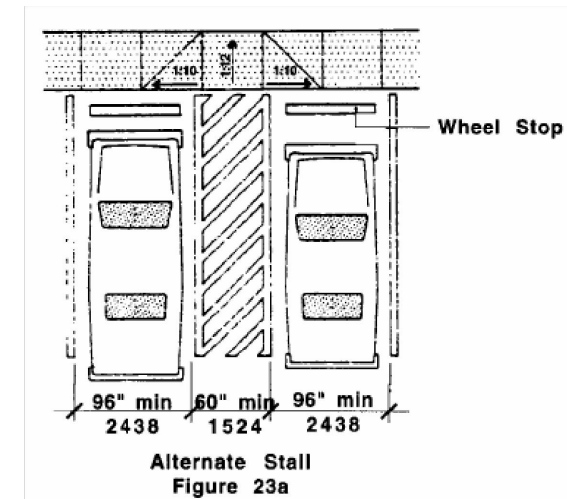
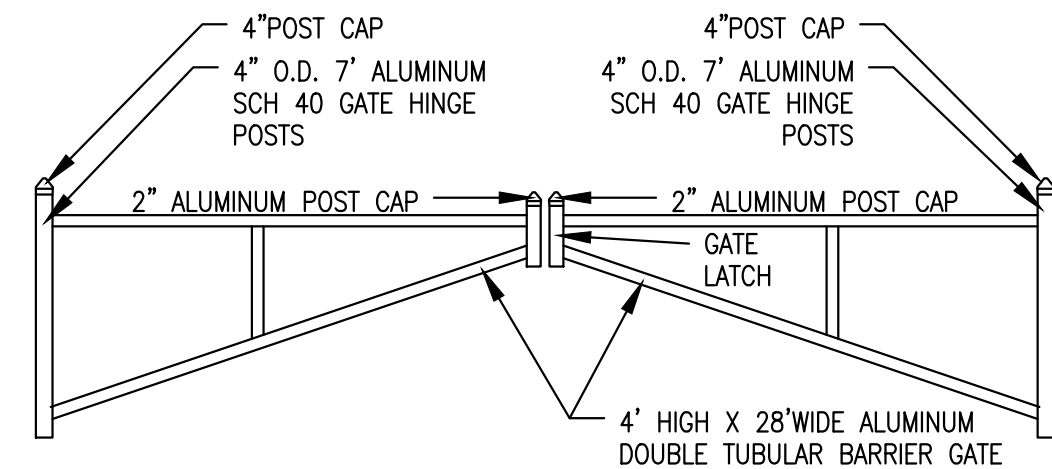


Figure 23a

- d. Access aisles shall be level with surface slopes not exceeding 1:50 (2%) in all directions.
e. Access aisles shall be clearly marked by means of diagonal stripes.

23.4.7 Van Accessible spaces shall comply with the following:

- a. Provide minimum vertical clearance of eight feet, two inches (8'2" = 2489mm) at the parking space and along at least one vehicle access route to such spaces from site entrance(s) and exit(s). See Fig. 23c.



1. THE GATE SHALL BE AS SHOWN OR APPROVED EQUAL.
2. GATE HINGE POSTS SHALL BE SET IN CONCRETE IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION MANUAL.
3. ACCESS GATE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS GUIDELINES.
4. THE GATE SHALL BE FITTED WITH "DANGER KEEP OUT" SIGNAGE.

ACCESS GATE DETAIL

(NOT TO SCALE)

PARKING AND PASSENGER LOADING ZONES

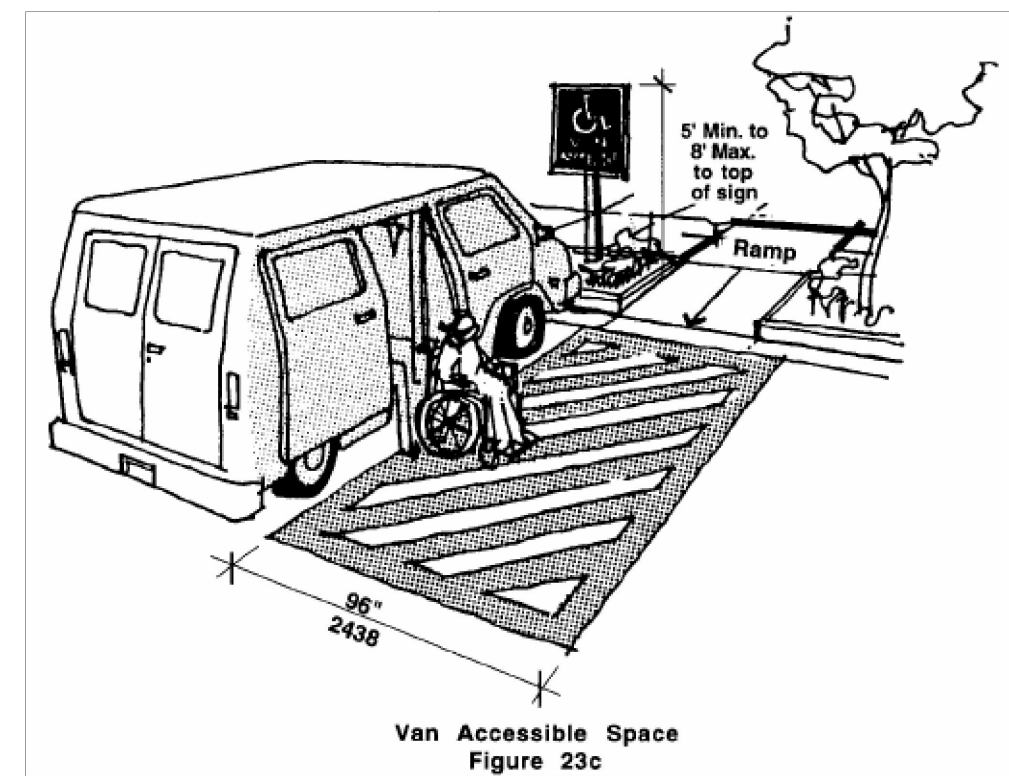


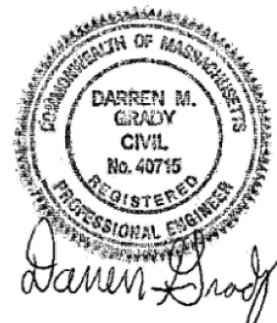
Figure 23c

- b. Each space shall have a sign designating it "Van Accessible" as required by 521 CMR 23.6, Signage.
c. All such spaces may be grouped on one level of a parking structure.
d. Eight foot minimum (8' = 2438mm) wide space.
e. Provide an access aisle of eight feet (8' = 2438mm).

ACCESSIBILITY LOADING ZONE

(NOT TO SCALE)

REVISIONS	
JANUARY 5, 2024	PEER REVIEW COMMENTS
FEBRUARY 9, 2024	PEER REVIEW COMMENTS, NITROE 2KM
FEBRUARY 28, 2024	PERCOLATION TESTING

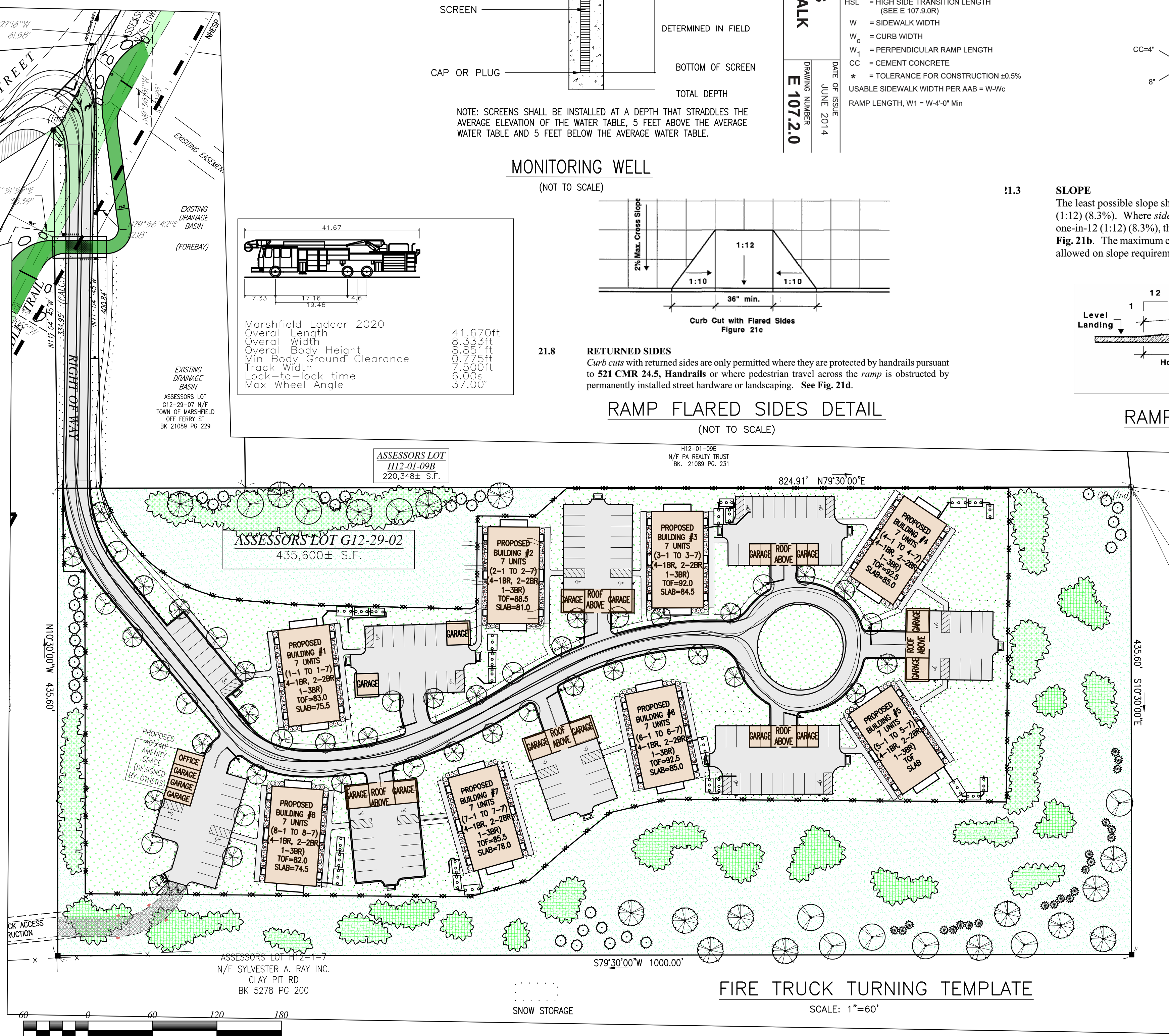


SITE PLAN BRIDLE CROSSING OFF FERRY STREET MARSHFIELD, MASSACHUSETTS

PREPARED FOR:
MATLIN LLC C/O
KEVIN SEALUND & MATTHEW DACEY
794 WASHINGTON STREET
PEMBROKE, MA 02359

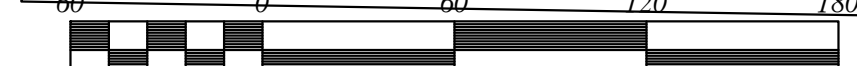
NOVEMBER 9, 2023
SCALE: AS SHOWN
JOB No. 12-243

GRADY CONSULTING, L.L.C.
Civil Engineers, Land Surveyors & Landscape Architects
71 Evergreen Street, Suite 1, Kingston, MA 02364
Phone (781) 585-2300

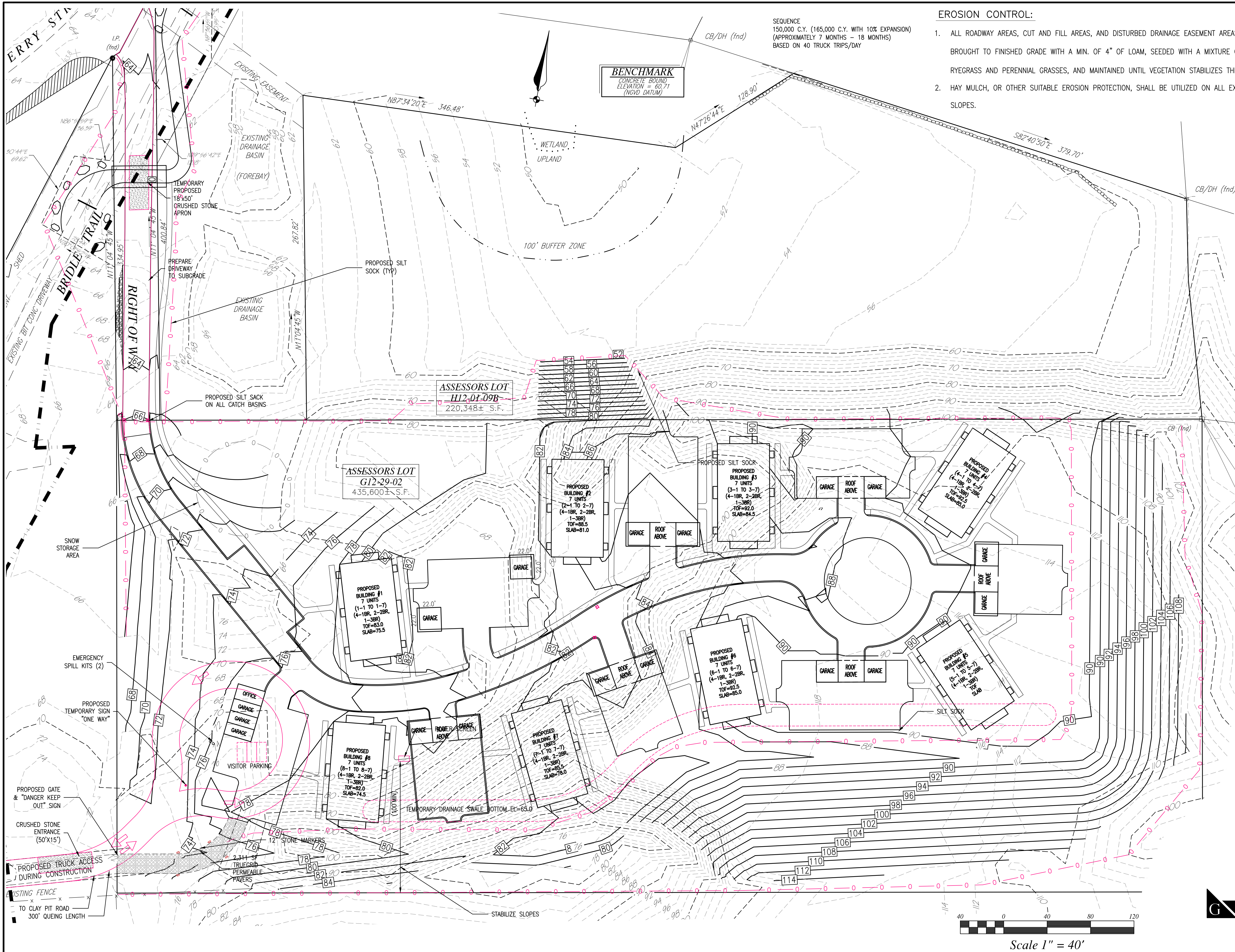


FIRE TRUCK TURNING TEMPLATE

SCALE: 1"=60'



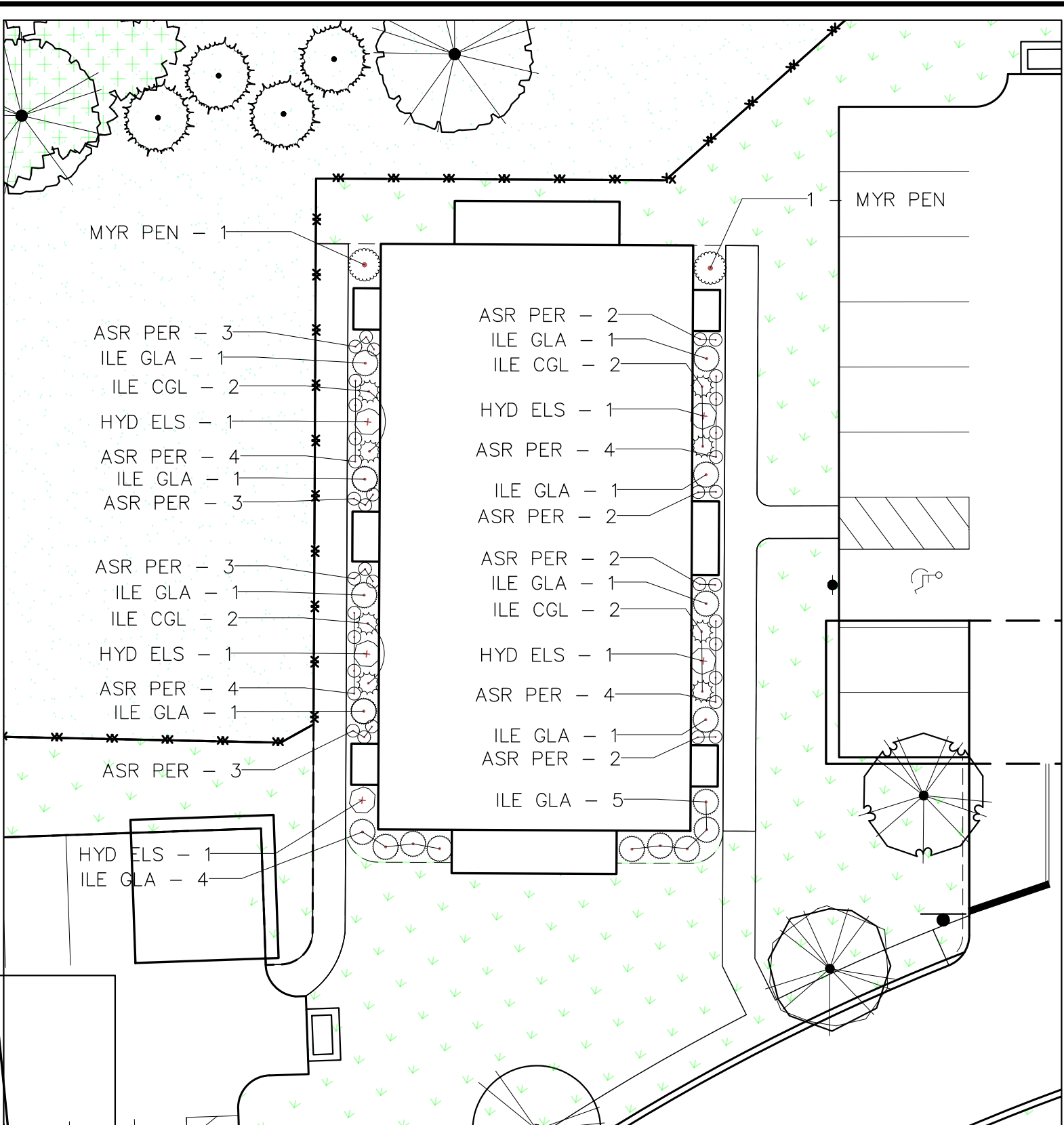
Scale 1" = 60'





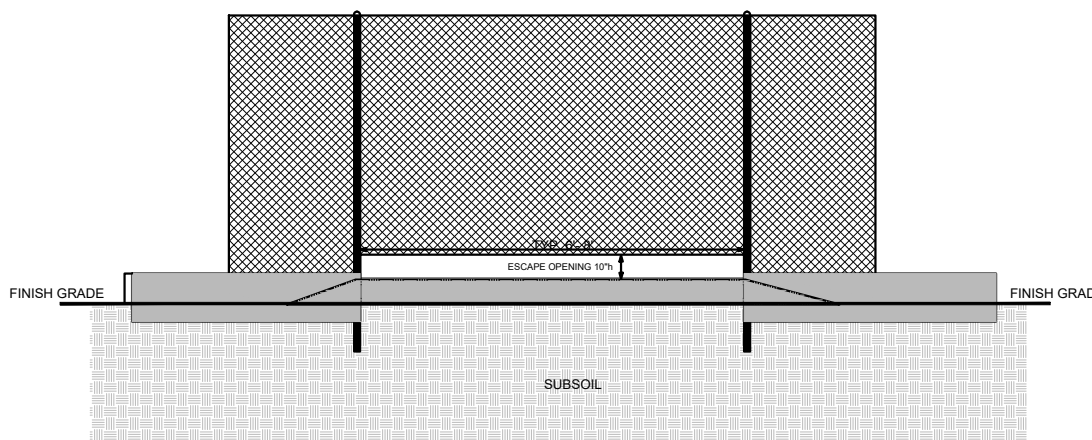
PLANT SCHEDULE OVERALL

CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
EVERGREEN TREES					
JUN VIR	22	JUNIPERUS VIRGINIANA / EASTERN RED CEDAR	B & B		3-4' HGT.
PIN STR	35	PINUS STROBUS / WHITE PINE	B & B		3-4' HGT.
STREET TREES					
ACE RUB	15	ACER RUBRUM 'RED SUNSET' / RED SUNSET MAPLE	B & B	2" CAL	
FRA PEN	16	FRAXINUS PENNSYLVANICA / GREEN ASH	B & B	2" CAL	
GLE TRI	16	GLEDTISIA TRIACANTHOS INERMIS / THORNLESS COMMON HONEYLOCUST	B & B	2" CAL	
SHADE TREES					
QUE ALB	9	QUERCUS ALBA / WHITE OAK	B & B	1" CAL	
QUE RUB	16	QUERCUS RUBRA / RED OAK	B & B	1" CAL	
SHRUBS					
HYD ELS	40	HYDRANGEA MACROPHYLLA 'ENDLESS SUMMER' TM / BAILMER HYDRANGEA	5 GAL	18-24" SPR.	
ILE CGL	64	ILEX CRENATA 'GREEN LUSTRE' / GREEN LUSTER JAPANESE HOLLY	B & B	18-24" HGT.	
ILE GLA	152	ILEX GLABRA 'SHAMROCK' / INKBERRY	3 GAL	15-18" HGT.	
MYR PEN	17	MYRTICA PENNSYLVANICA / NORTHERN BAYBERRY	5 GAL	2-2.5' HGT.	
ANNUALS/PERENNIALS					
ASR PER	288	ASSORTED PERENNIALS / TO BE SELECTED BY GC	1 GAL		
GROUND COVERS					
NE WSG	115,876 SF	N.E. NATIVE WARM SEASON GRASS MIX / LOAM, FINE GRADE & SEED	SEED		
NE USM	179,783 SF	N.E. ROADSIDE MATRIX UPLAND SEED MIX / LOAM, FINE GRADE & SEED	SEED		



TYPICAL BUILDING PLANTING PLAN

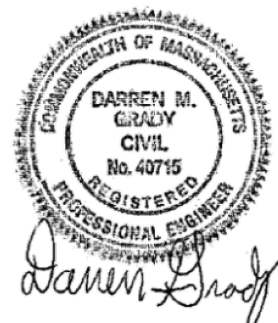
1" = 20'-0"
EASTERN BOX TURTLE EXCLUSION FENCE WITH ESCAPE DETAIL
NOT TO SCALE



FENCE DETAIL

(NOT TO SCALE)

REVISIONS	
JANUARY 5, 2024	PEER REVIEW COMMENTS
FEBRUARY 9, 2024	PEER REVIEW COMMENTS, NITROE 2KM
FEBRUARY 28, 2024	PERCOLATION TESTING

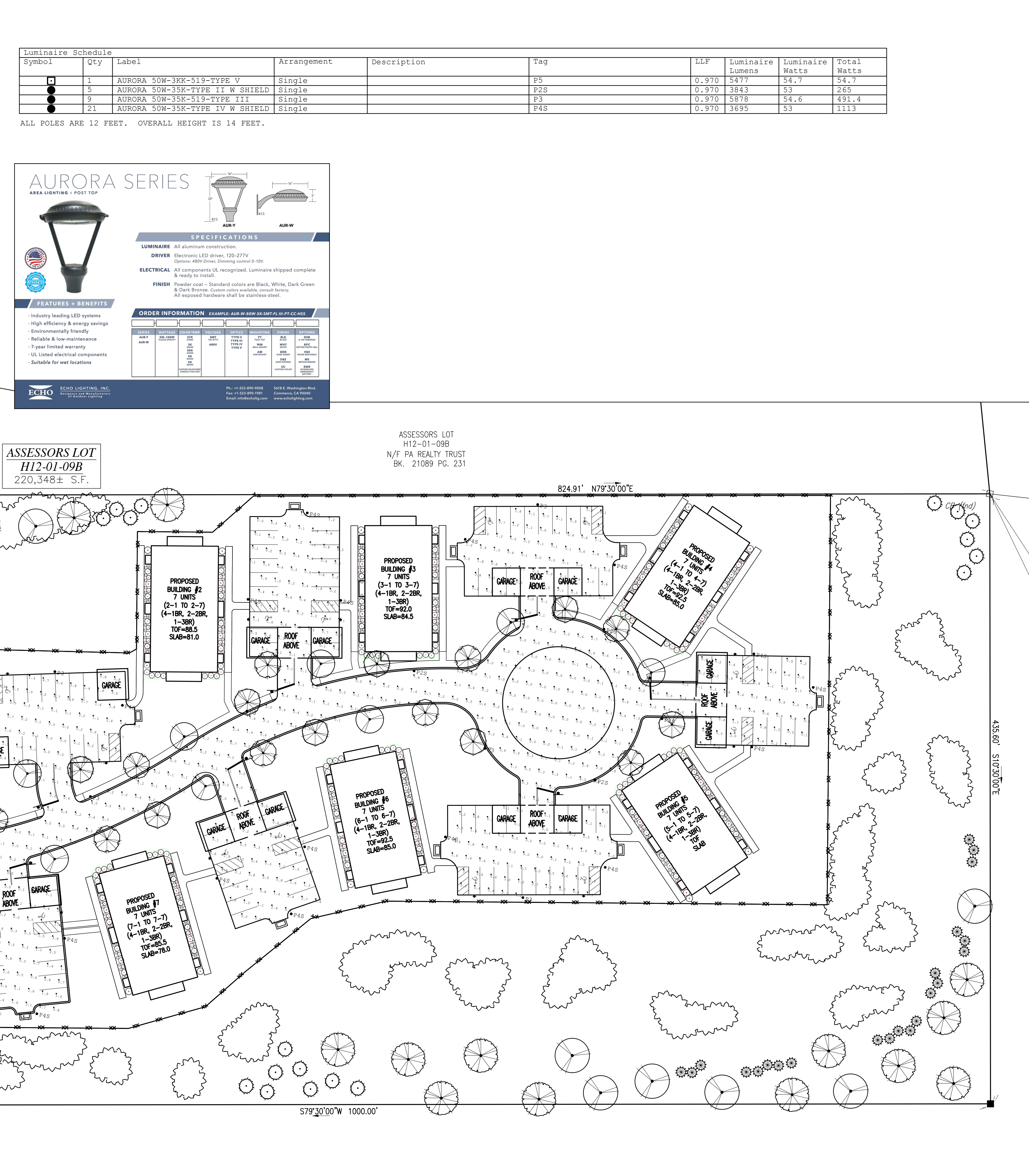


SITE PLAN
BRIDLE CROSSING
OFF FERRY STREET
MARSHFIELD, MASSACHUSETTS

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ALL POLES ARE 12 FEET. OVERALL HEIGHT IS 14 FEET.

ASSESSORS LOT
H12-01-09B
 220,348± S.F.

Darren M. Grady
Civil
No. 40715
Registered Professional Engineer

Darren Grady

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