

LOCUS MAP N.T.S.

SITE PLAN FOR
Y.W.C.A. RESIDENCES AT INGALLS COURT
IN
METHUEN, MA
JULY 2021

METHUEN BOARD OF APPEALS APPROVAL

DATE

PROJECT LOCATION

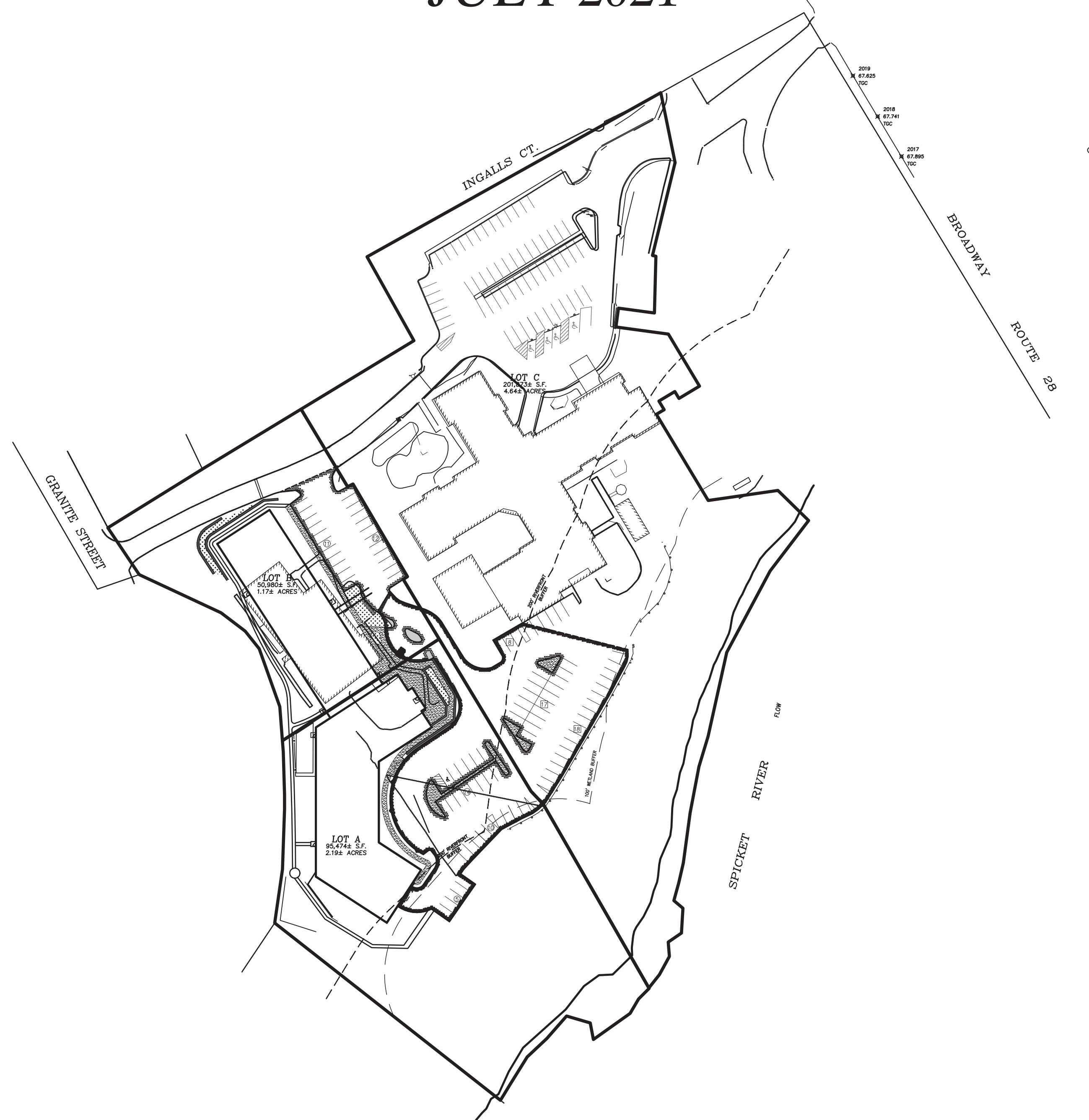
INGALLS COURT - METHUEN
MAP 716, BLOCK 115, LOT 2A

OWNER OF RECORD

HENRY C NEVINS HOME INC.
10 INGALLS COURT
MTHUEN, MA 01844
BK. 1386 PG. 191

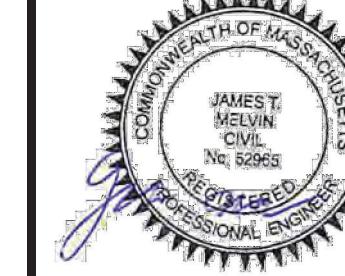
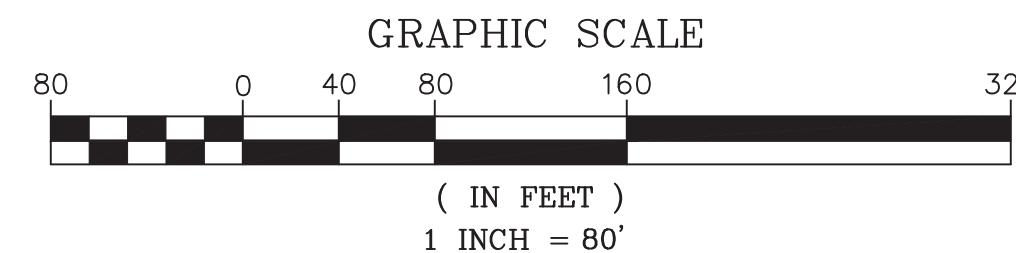
PLAN INDEX

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2	EXISTING CONDITIONS
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4	SITE PLAN (PHASE 1)
5	SITE PLAN (PHASE 2)
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11	FIRE TRUCK TURNING ANALYSIS PLAN
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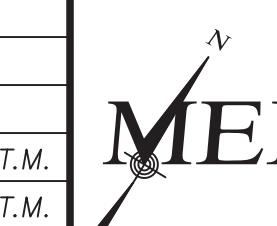
NOTE

1. THIS PLAN SET IS INTENDED FOR PERMITTING PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION. A FINAL PLAN SET FOR CONSTRUCTION WILL BE PROVIDED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD MA

L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA



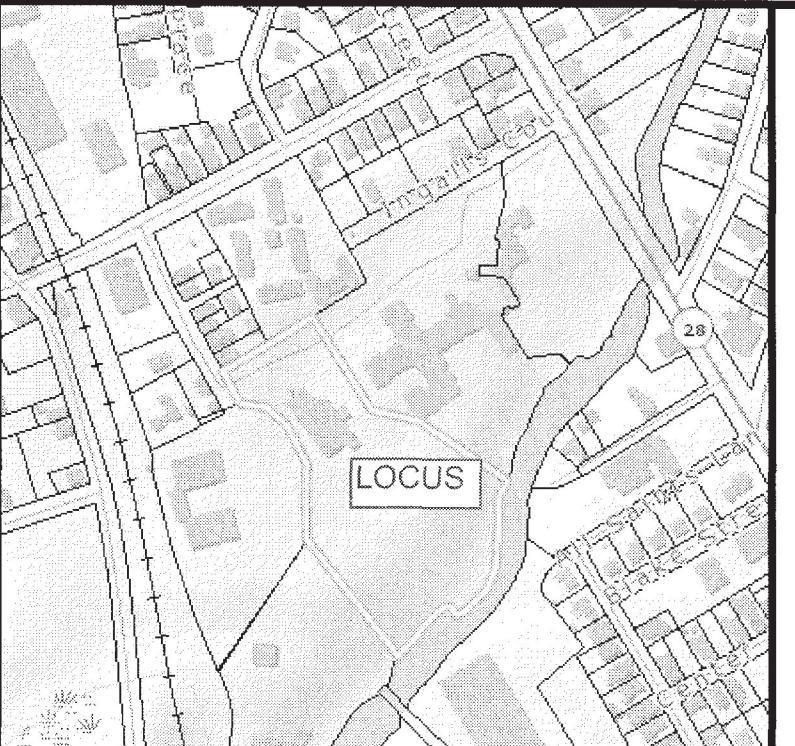
MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

1"=40'	DESG. BY: J.T.M.	PROJECT: M213895
JUNE 30, 2021	CHKD. BY: E.W.B.	

SITE PLAN IN METHUEN MA

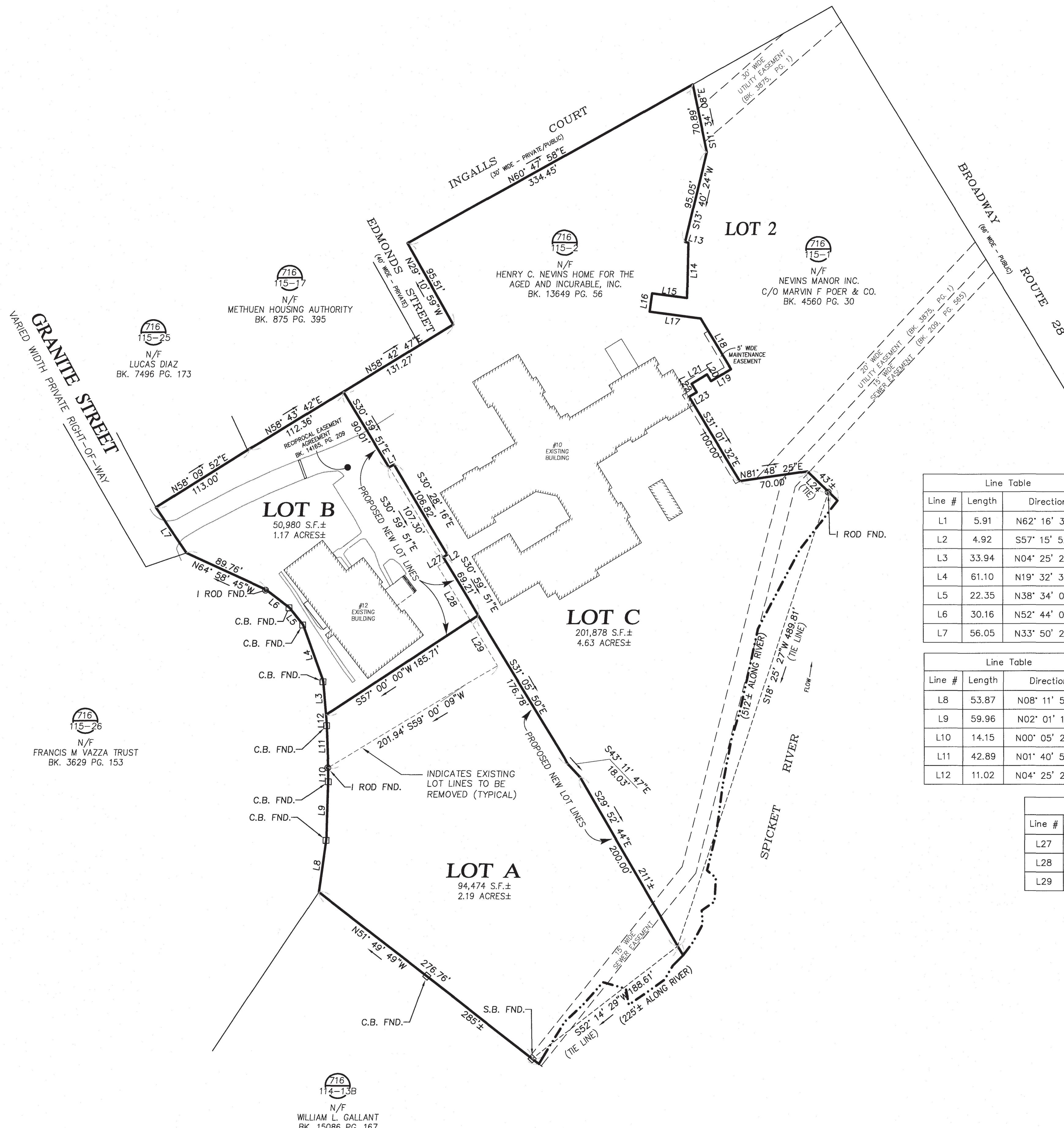
AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

COVER SHEET



LOCUS MAP
N.T.S.

N
MSPCS-NAD 83



Line Table		
Line #	Length	Direction
L1	5.91	N62° 16' 33"E
L2	4.92	S57° 15' 52"W
L3	33.94	N04° 25' 29"W
L4	61.10	N19° 32' 36"W
L5	22.35	N38° 34' 09"W
L6	30.16	N52° 44' 05"W
L7	56.05	N33° 50' 26"W

Line Table		
Line #	Length	Direction
L8	53.87	N08° 11' 55"E
L9	59.96	N02° 01' 18"E
L10	14.15	N00° 05' 24"W
L11	42.89	N01° 40' 54"W
L12	11.02	N04° 25' 29"W

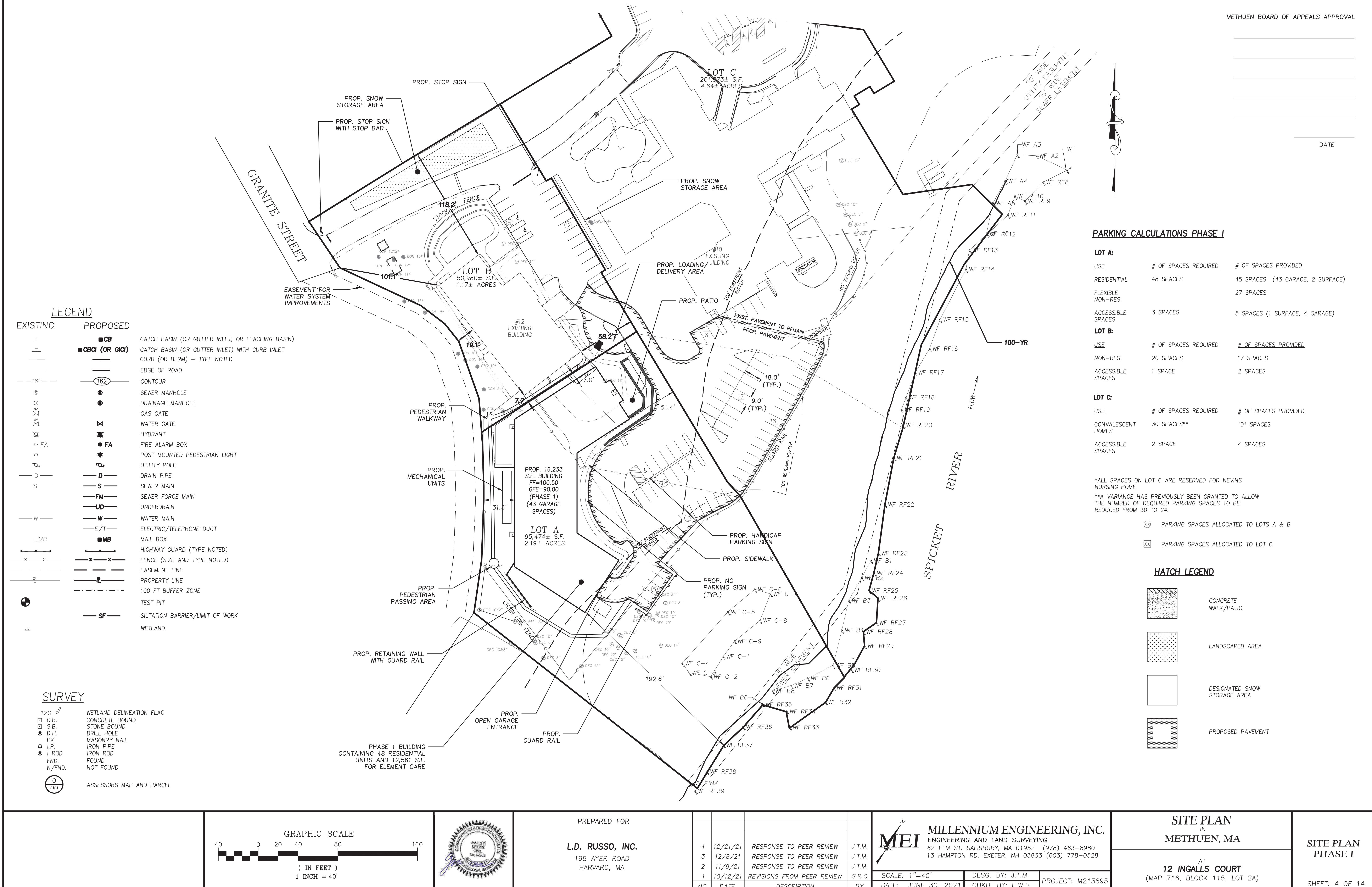
Line Table		
Line #	Length	Direction
L27	9.59	N59° 00' 09"E
L28	64.38	N30° 59' 51"W
L29	53.41	N30° 59' 51"W

MILLENNIUM ENGINEERING, INC.			
ENGINEERING AND LAND SURVEYING			
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980			
1 12/8/21	RESPONSE TO PEER REVIEW	J.T.M.	SCALE: 1"=60'
NO. DATE	DESCRIPTION	BY	CALC. BY: P.D.B.
			DATE: OCT. 27, 2021
			CHKD. BY: J.S.H.
			PROJECT: M213895

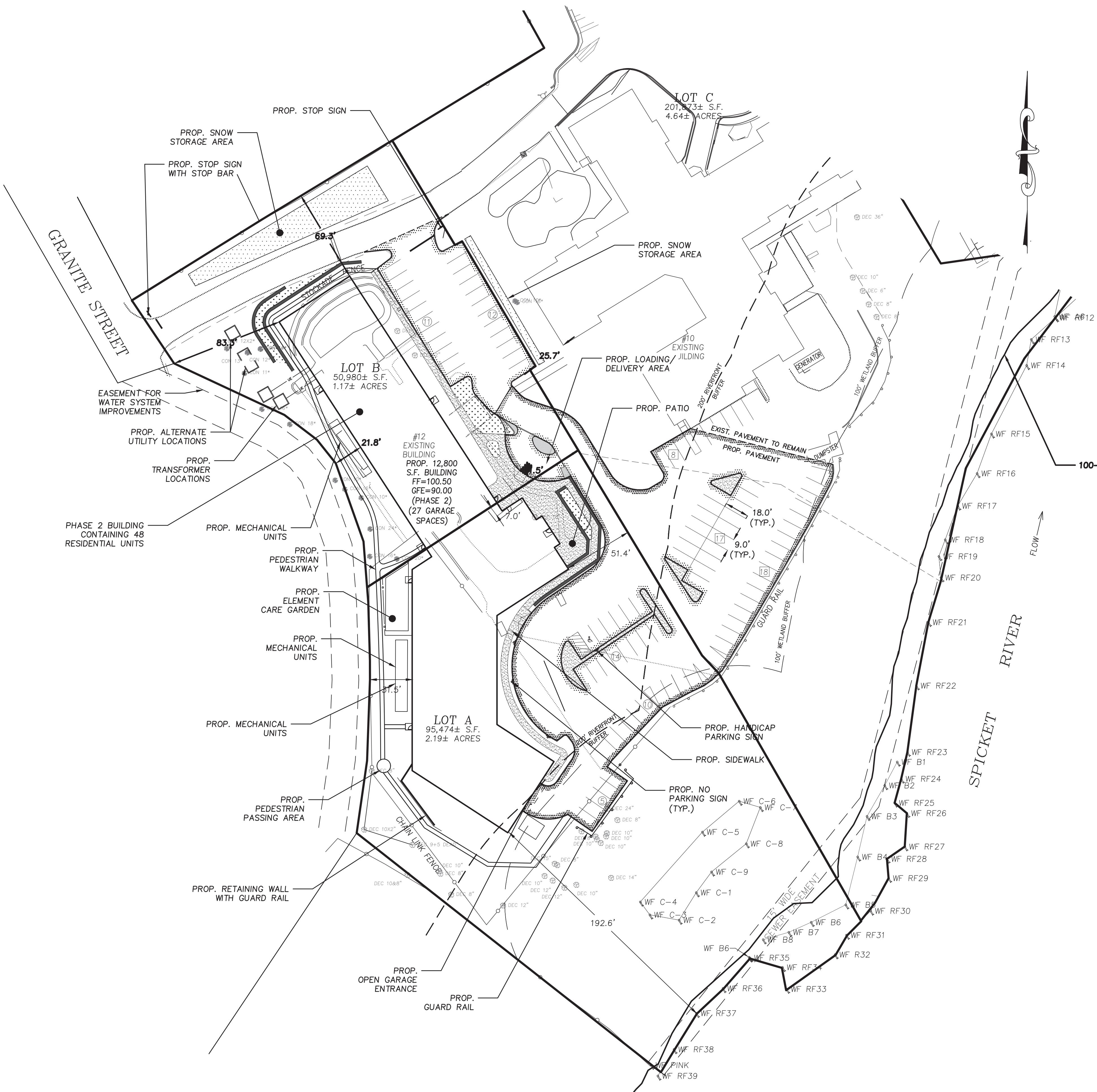
SITE PLAN
IN
METHUEN, MA
AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

**APPROVAL
NOT
REQUIRED**
SHEET: 3 OF 14

DA⁺



DATE

PARKING CALCULATIONS PHASE II**LOT A:**

USE	# OF SPACES REQUIRED	# OF SPACES PROVIDED
RESIDENTIAL	48 SPACES	45 SPACES (43 GARAGE, 2 SURFACE)
FLEXIBLE NON-RES.		27 SPACES
ACCESSIBLE SPACES	3 SPACES	5 SPACES (1 SURFACE, 4 GARAGE)

LOT B:

USE	# OF SPACES REQUIRED	# OF SPACES PROVIDED
RESIDENTIAL	48 SPACES	29 SPACES (27 GARAGE, 2 SURFACE)
FLEXIBLE NON-RES.		23 SPACES
ACCESSIBLE SPACES	3 SPACES	3 SPACES (1 SURFACE, 2 GARAGE)

LOT C:

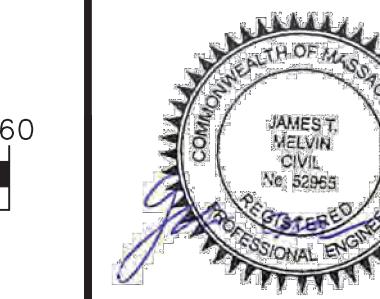
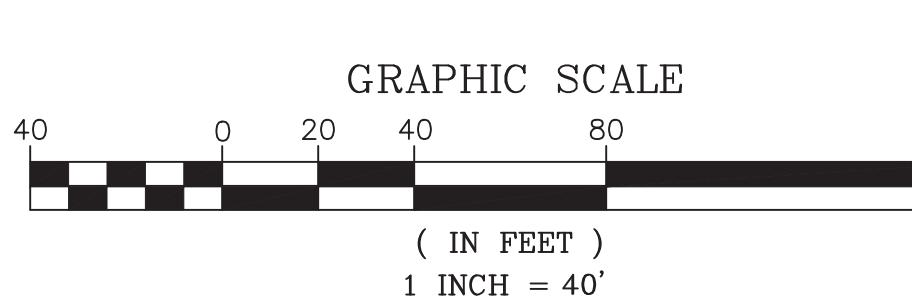
USE	# OF SPACES REQUIRED	# OF SPACES PROVIDED
CONVALESCENT HOMES	30 SPACES**	101 SPACES
ACCESSIBLE SPACES	2 SPACE	4 SPACES

*ALL SPACES ON LOT C ARE RESERVED FOR NEVINS NURSING HOME

**A VARIANCE HAS PREVIOUSLY BEEN GRANTED TO ALLOW THE NUMBER OF REQUIRED PARKING SPACES TO BE REDUCED FROM 30 TO 24.

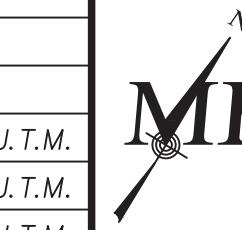
HATCH LEGEND

	CONCRETE WALK/PATIO
	LANDSCAPED AREA
	DESIGNATED SNOW STORAGE AREA
	PROPOSED PAVEMENT



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA

NO.	DATE	DESCRIPTION	BY
4	12/21/21	RESPONSE TO PEER REVIEW	J.T.M.
3	12/8/21	RESPONSE TO PEER REVIEW	J.T.M.
2	11/9/21	RESPONSE TO PEER REVIEW	J.T.M.
1	10/12/21	REVISIONS FROM PEER REVIEW	S.R.C.



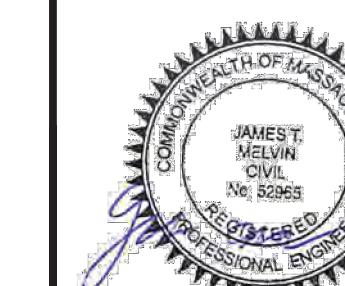
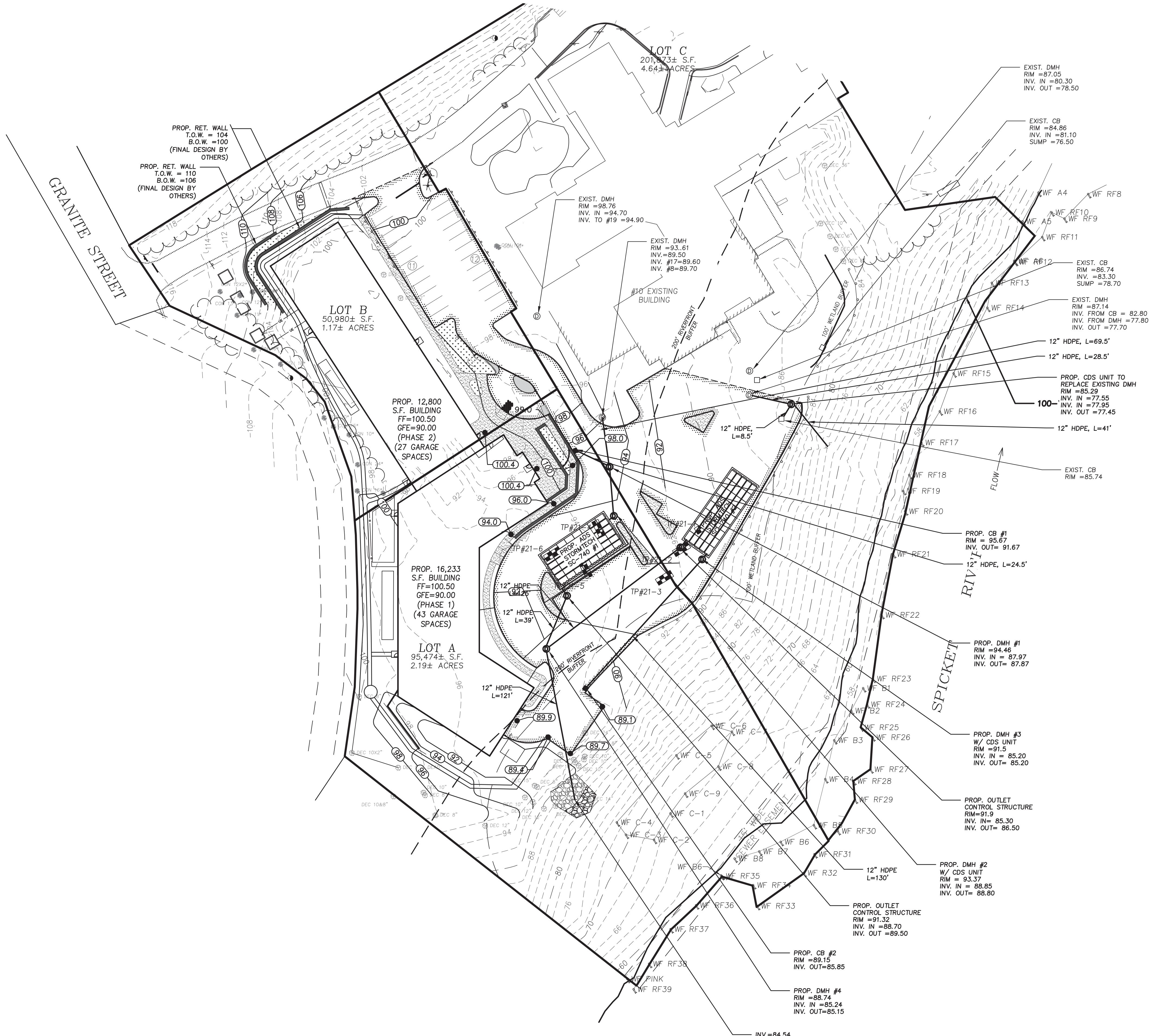
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13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=40' DESG. BY: J.T.M.
DATE: JUNE 30, 2021 CHKD. BY: E.W.B. PROJECT: M213895

SITE PLAN IN
METHUEN, MA
AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

SITE PLAN
PHASE II
SHEET: 5 OF 14

DAT



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA

NO.	DATE	DESCRIPTION
4	12/21/21	RESPONSE
3	12/8/21	RESPONSE
2	11/9/21	RESPONSE
1	10/12/21	REVISIONS

MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
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**SITE PLAN
IN
METHUEN, MA**

**AT
12 INGALLS COURT
P 716, BLOCK 115, LOT 2A**

GRADING
AND
DRAINAGE
PLAN

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE NEWBURY PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND, THE WETLANDS PROTECTION ACT (310 CMR 10.00), THE ORDER OF CONDITIONS ISSUED BY THE NEWBURY CONSERVATION COMMISSION, AND THESE PLANS.
- THE CONTRACTOR SHALL REPORT TO THE OWNER AND ENGINEER ANY SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS. ANY PROPOSED REVISIONS TO THE WORK SHALL NOT BE UNDERTAKEN UNTIL REVIEWED AND APPROVED BY THE OWNER AND REGULATING MUNICIPAL AND/OR STATE AGENCIES.
- THE LOCATION OF ALL UTILITIES, AS SHOWN ON THESE PLANS, ARE BASED UPON PLANS AND RECORD INFORMATION PROVIDED BY MUNICIPAL AND PRIVATE UTILITY COMPANIES AND ARE CONSIDERED APPROXIMATE BOTH AS TO SIZE AND LOCATION. NO WARRANTY IS MADE TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL NOT RELY ON THESE PLANS FOR SUCH INFORMATION AND SHALL MAKE EXAMINATIONS IN THE FIELD BY VARIOUS AVAILABLE RECORDS, UTILITY COMPANIES AND INDIVIDUALS, AS TO THE LOCATION OF ALL SUBSURFACE STRUCTURES.
- THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE NEW WORK. HE/SHE SHALL EXCAVATE TO VERIFY PERTINENT DRAINAGE INVERTS AND POTENTIAL UTILITY CONFLICTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER IMMEDIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THE PUBLIC, EMPLOYEES, AND ALL OTHER PERSONS ASSOCIATED WITH THE PROJECT. HE/SHE SHALL COORDINATE AND BE RESPONSIBLE FOR ALL SAFETY SIGNING, BARRIERS AND TEMPORARY PAVEMENT MARKINGS NECESSARY TO PROVIDE A SMOOTH AND PROPER TRANSITION FOR TRAFFIC FLOW.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES BY CONTACTING "DIG-SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION. DIG-SAFE TELEPHONE NUMBER: 1-888-344-7233.
- 14 DAYS PRIOR TO COMMENCING CONSTRUCTION, THE OWNER/DEVELOPER SHALL PRESENT A CONSTRUCTION SCHEDULE TO THE PLANNING DEPARTMENT.
- TWO HARD COPIES OF AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE PLANNING DEPARTMENT UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL INCLUDE ALL LANDBASE AND UTILITIES INFORMATION.
- ON SITE BURIAL OF STUMPS OR ANY OTHER DEBRIS IS PROHIBITED.
- THE PROPERTY DOES NOT LIE WITHIN THE 100-YEAR FLOOD PLAIN.
- ELEVATIONS ARE BASED UPON AN 1988 NAV DATUM.
- SIZE AND LOCATION OF THE FIRE SERVICE TO BE DESIGNED BY A FIRE PROTECTION DESIGNER.
- WATER AND SEWER MAINS SHOWN ARE APPROXIMATE.
- NO HYDRANTS ARE PROPOSED AS PART OF THIS PROJECT.
- A FLOW TEST IS REQUIRED TO DETERMINE THE CAPACITY OF THE MAIN PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- THE APPLICANT SHALL INSPECT THE EXISTING 6" PVC SEWER TO BE RE-USED BY CAMERA UP TO THE MANHOLE WHERE THE NEVINS BUILDING AND 6" PVC CONNECT.

METHUEN BOARD OF APPEALS APPROVAL

DATE

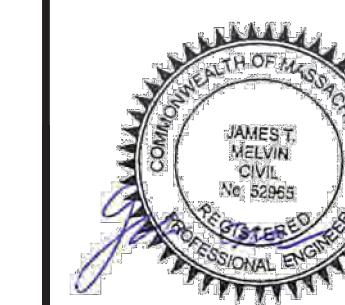
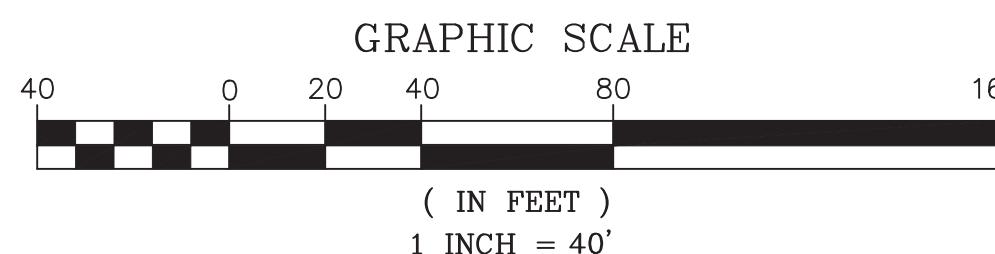
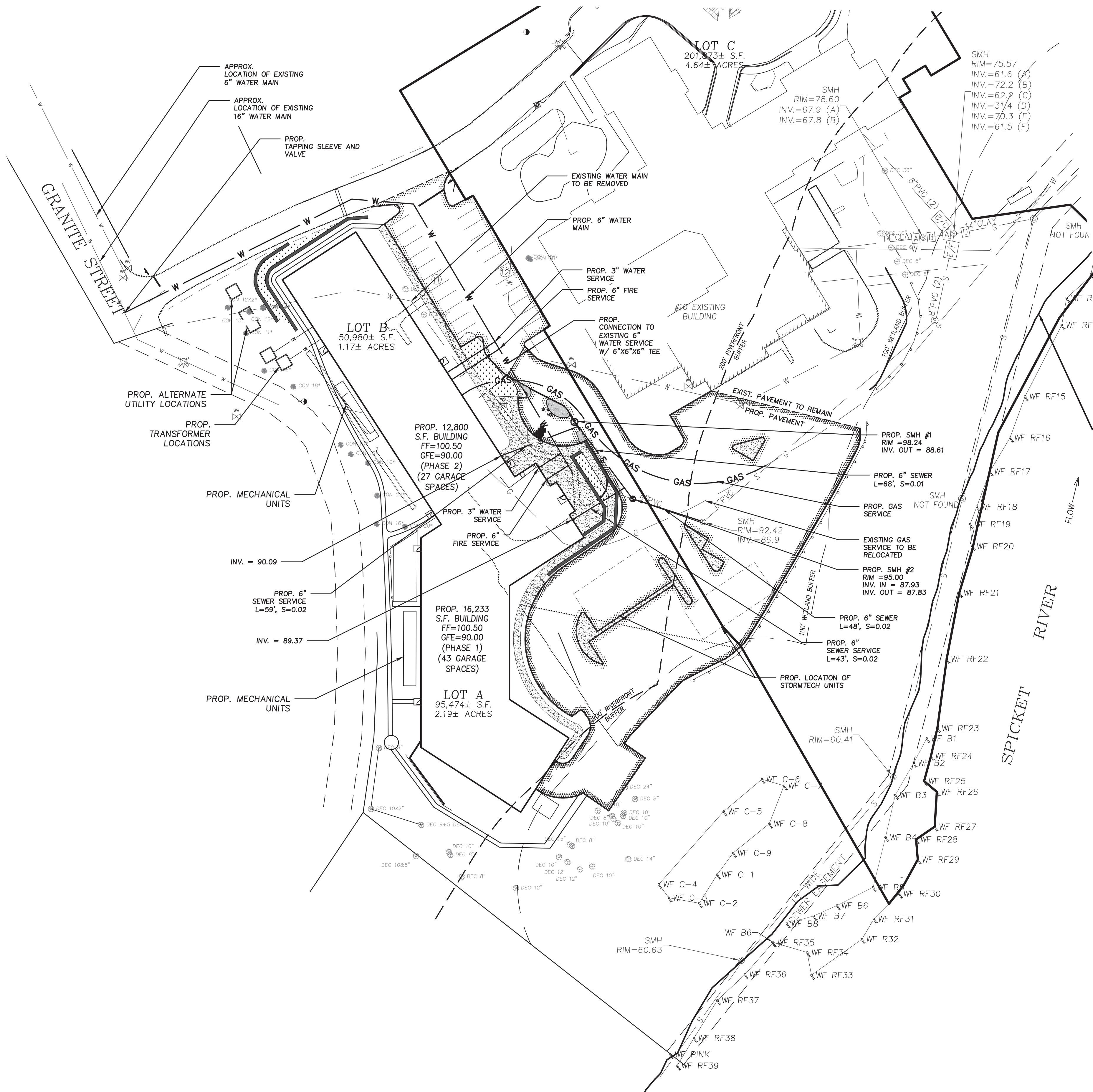


WATER INSTALLATION NOTES

- THE SIZE OF THE FIRE SERVICE SHALL BE SIZED AND DESIGNED BY A FIRE PROTECTION PROFESSIONAL. THE PROPOSED SIZE IS APPROXIMATE.
- THE SIZE OF THE DOMESTIC SERVICE SHALL BE DESIGNED ONCE ADDITIONAL MEP INFORMATION FOR THE BUILDING IS PROVIDED.
- THE SIZE AND LOCATION OF EXISTING WATER MAINS AND SERVICES ARE BASED ON WATER INFORMATION FROM THE CITY OF METHUEN AND FIELD VERIFICATION.

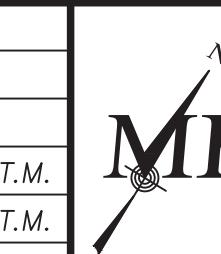
GAS INSTALLATION NOTES

- THE SIZE AND LOCATION OF THE EXISTING GAS SERVICE IS APPROXIMATE.
- FINAL DESIGN OF PROPOSED GAS SERVICE TO BE PROVIDED BY GAS COMPANY.



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA

NO.	DATE	DESCRIPTION	BY
4	12/21/21	RESPONSE TO PEER REVIEW	J.T.M.
3	12/8/21	RESPONSE TO PEER REVIEW	J.T.M.
2	11/9/21	RESPONSE TO PEER REVIEW	J.T.M.
1	10/12/21	REVISIONS FROM PEER REVIEW	S.R.C.



MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=40' DESG. BY: J.T.M. PROJECT: M213895
DATE: JUNE 30, 2021 CHKD. BY: E.W.B.

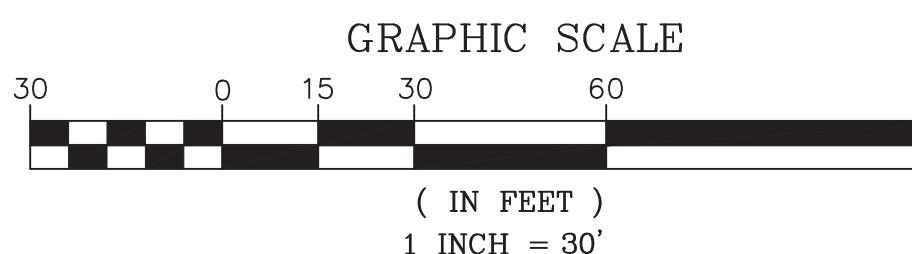
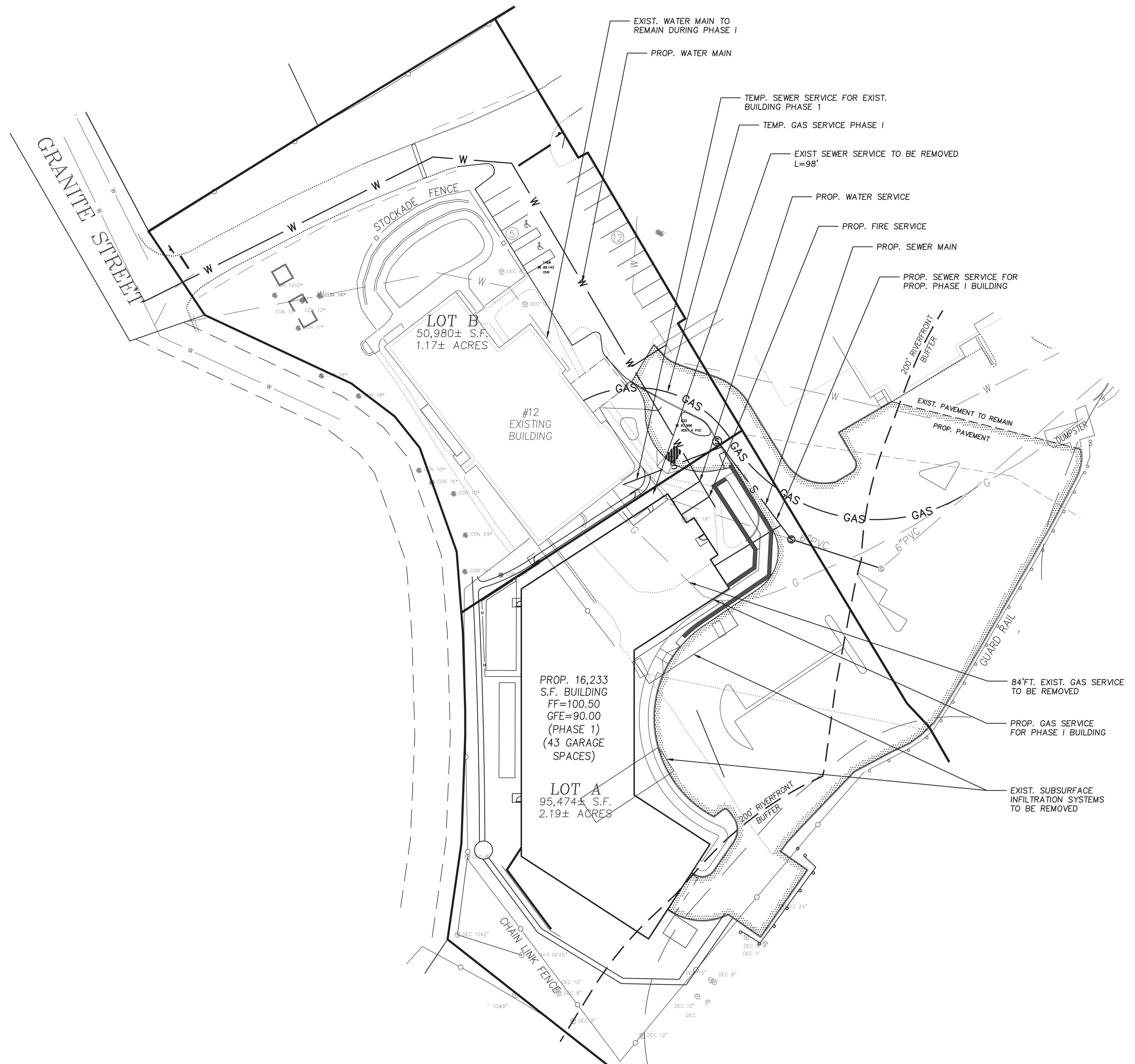
SITE PLAN IN
METHUEN, MA
AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

UTILITIES
PLAN
SHEET: 7 OF 14

DATE

GENERAL NOTES

1. ALL PROPOSED WORK ON LOT 2 SHALL BE PERFORMED AS PART OF PHASE 1.



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA

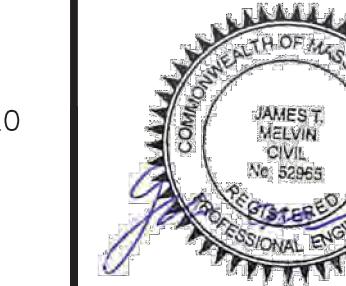
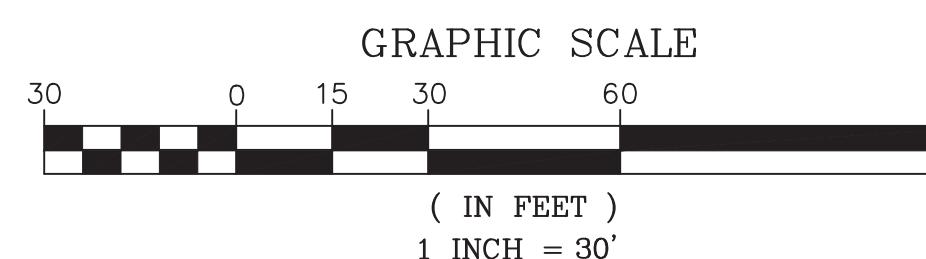
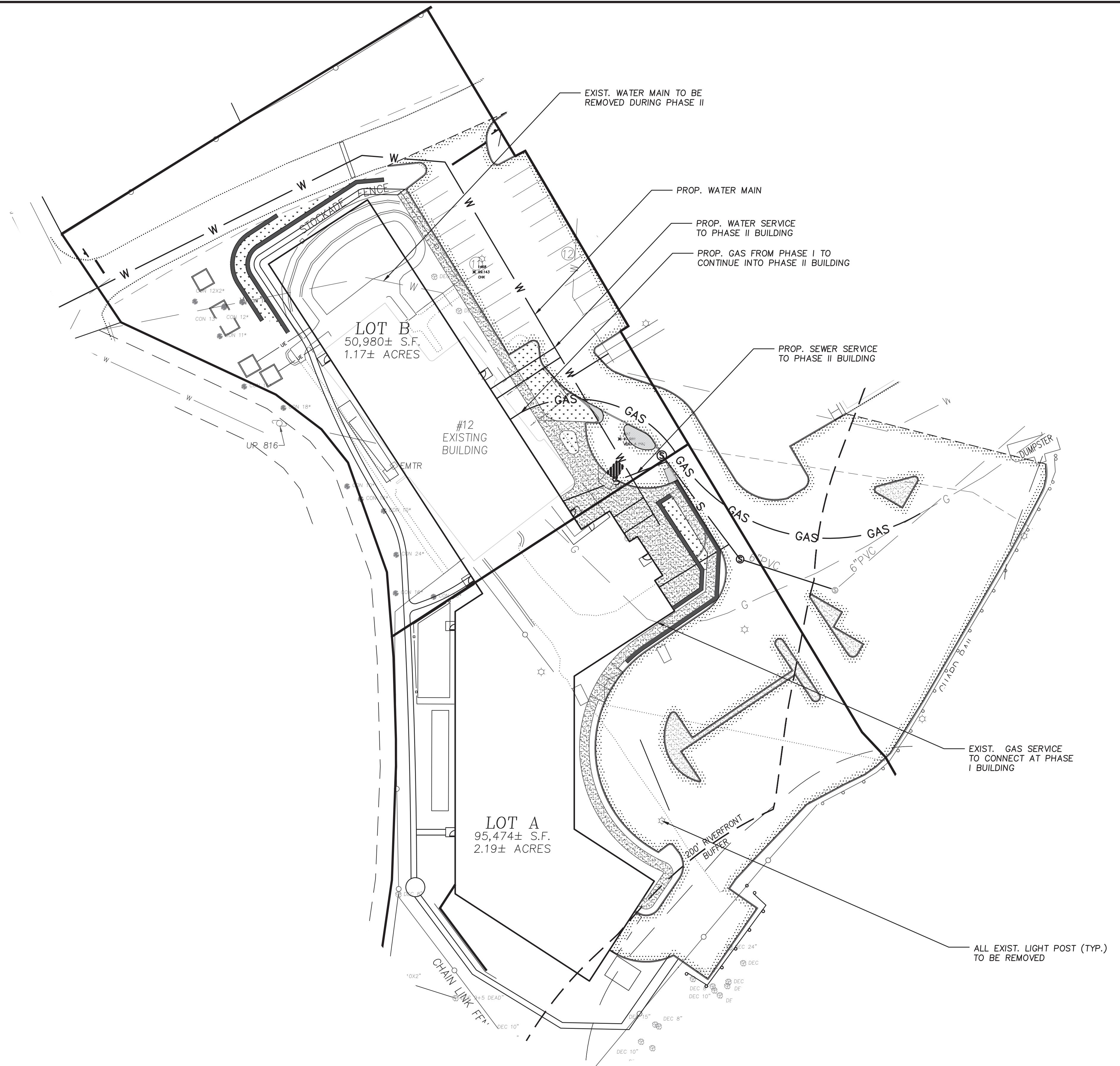
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1	10/12/21	REVISIONS FROM PEER REVIEW	S.R.C.

MEI MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528
SCALE: 1"=30' DESG. BY: S.R.C. PROJECT: M213895
NO. DATE DESCRIPTION BY DATE: OCT. 19, 2021 CHKD. BY: J.T.M.

SITE PLAN
IN
METHUEN, MA
AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

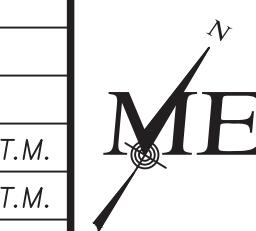
DEMOLITION
PLAN
PHASE I
SHEET: 9 OF 14

DATE



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA

NO.	DATE	DESCRIPTION
4	12/21/21	RESPONSE TO PEER
3	12/8/21	RESPONSE TO PEER
2	11/9/21	RESPONSE TO PEER
1	10/12/21	REVISIONS FROM PEER

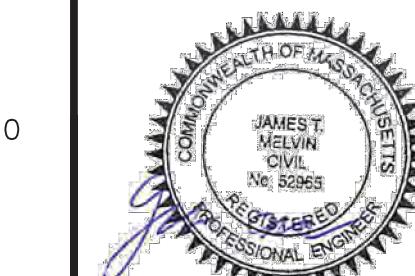
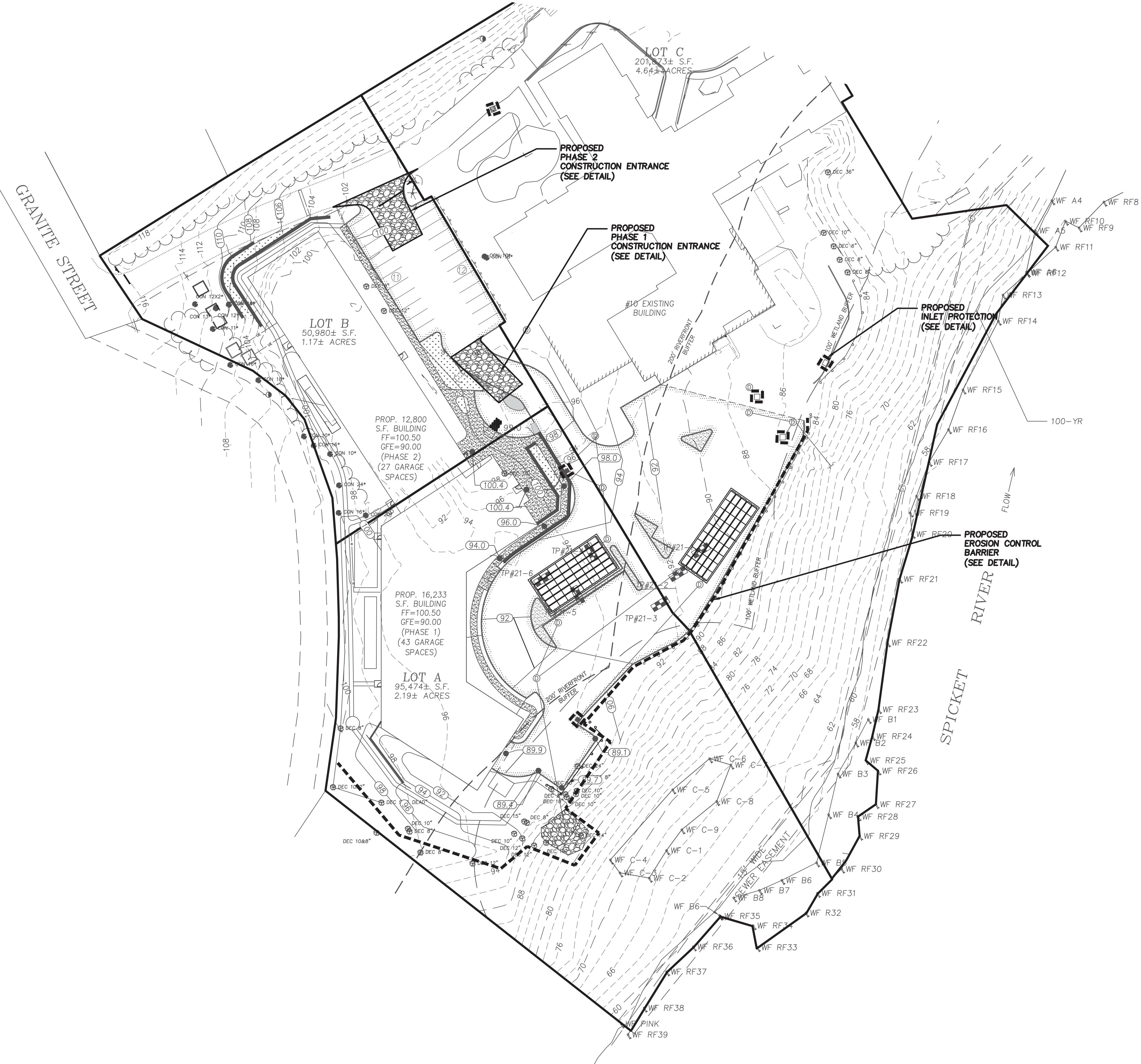


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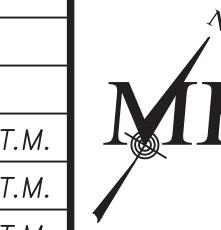
**SITE PLAN
IN
METHUEN, MA**

**DEMOLITION
PLAN
PHASE II**

DATE



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA



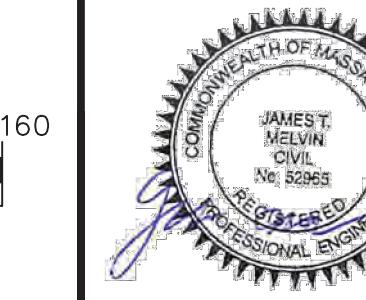
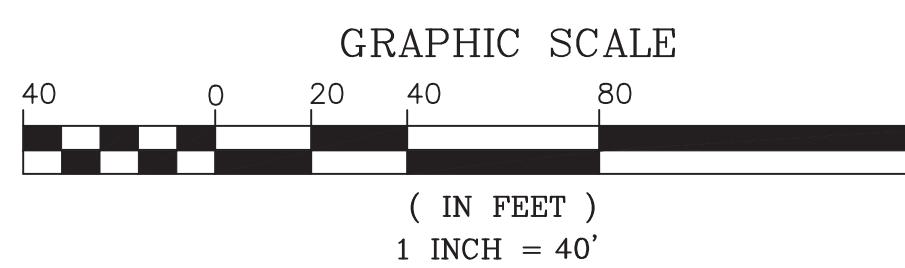
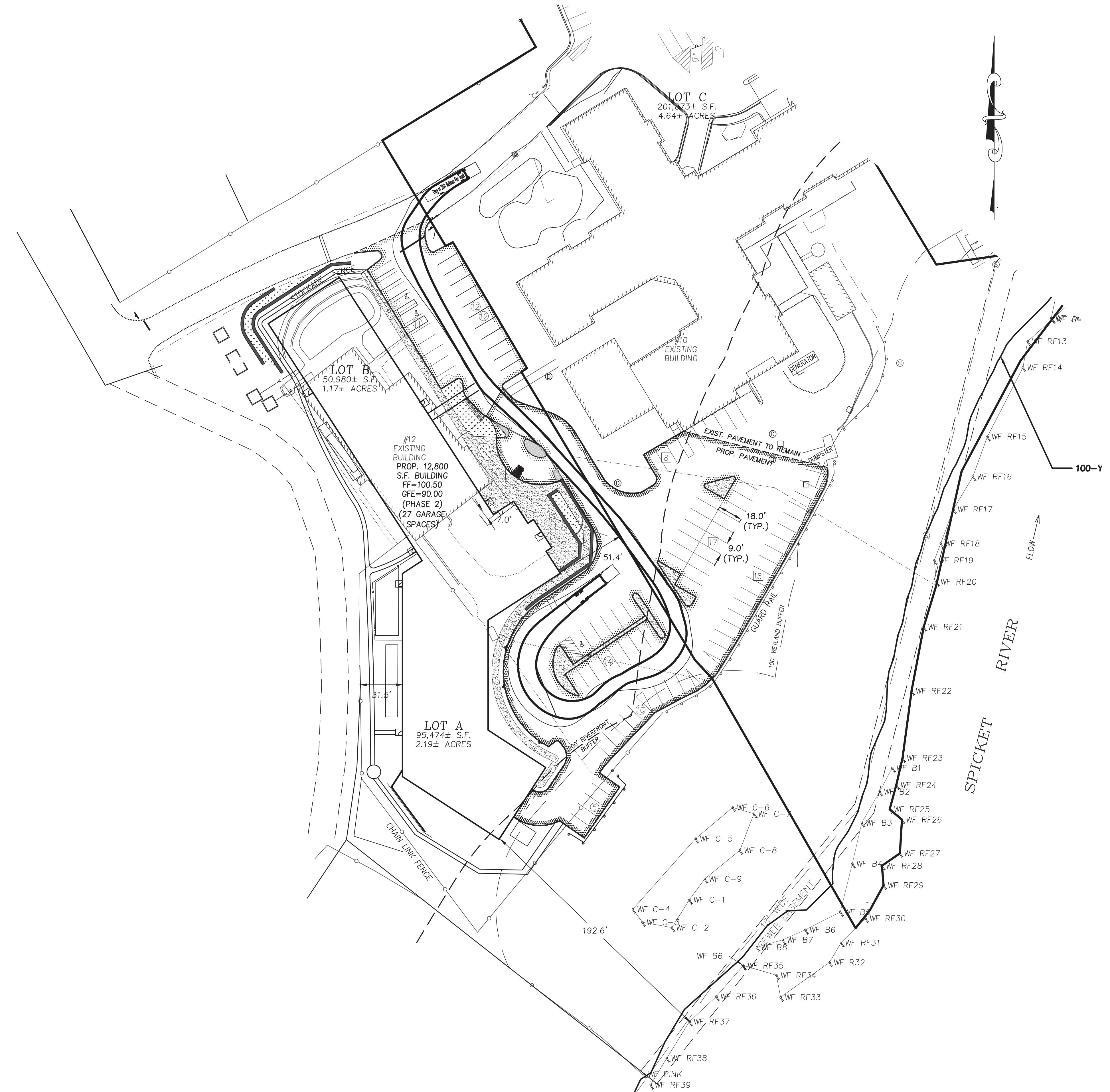
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		SCALE: 1"=40'	DESG. BY: J.T.M.
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		PROJECT: M213895	

SITE PLAN
IN
METHUEN, MA
AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

EROSION
&
SEDIMENTATION
CONTROL PLAN
SHEET: 8 OF 14

DATE



PREPARED FOR
L.D. RUSSO, INC
198 AYER ROAD
HARVARD, MA

NO.	DATE	DESCRIPTION
4	12/21/21	RESPONSE TO PEER
3	12/8/21	RESPONSE TO PEER
2	11/9/21	RESPONSE TO PEER
1	10/12/21	VEHICLE DETAIL

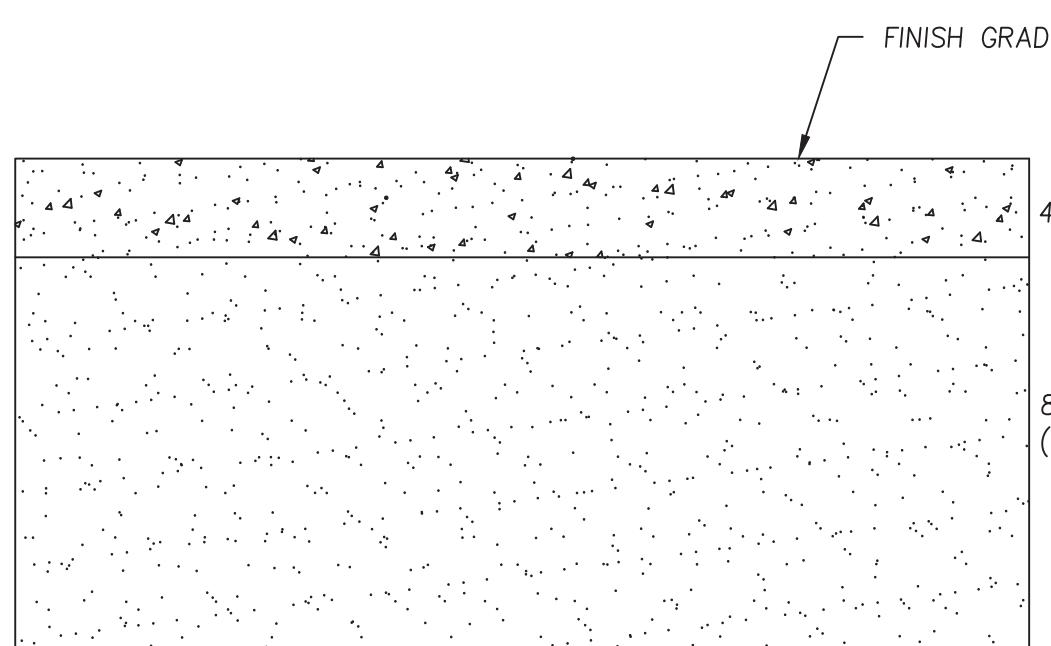


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J.T.M.	SCALE: 1"=40'	DESG. BY: J.T.M.	PROJECT: M213895
BY	DATE: SEPT. 2, 2021	CHKD. BY: E.W.B.	

**SITE PLAN
IN
METHUEN, MA**

FIRE TRUCK TURNING ANALYSIS PLAN



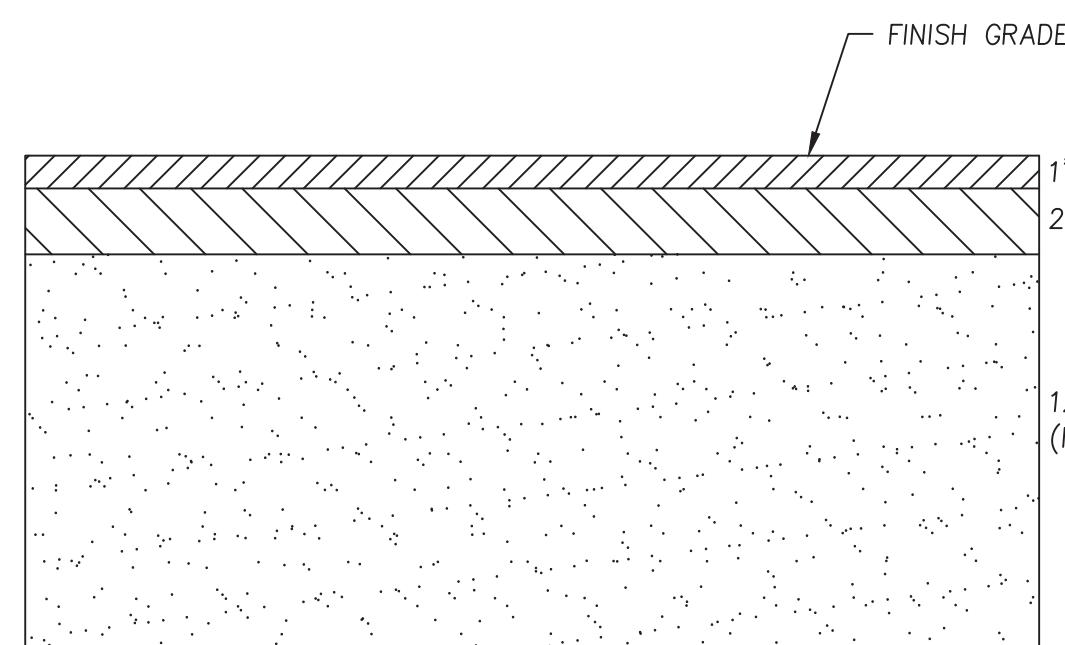
CONCRETE SIDEWALK

DETAIL

N.T.S.

GUTTER DOWN SPOUT DETAIL

N.T.S.



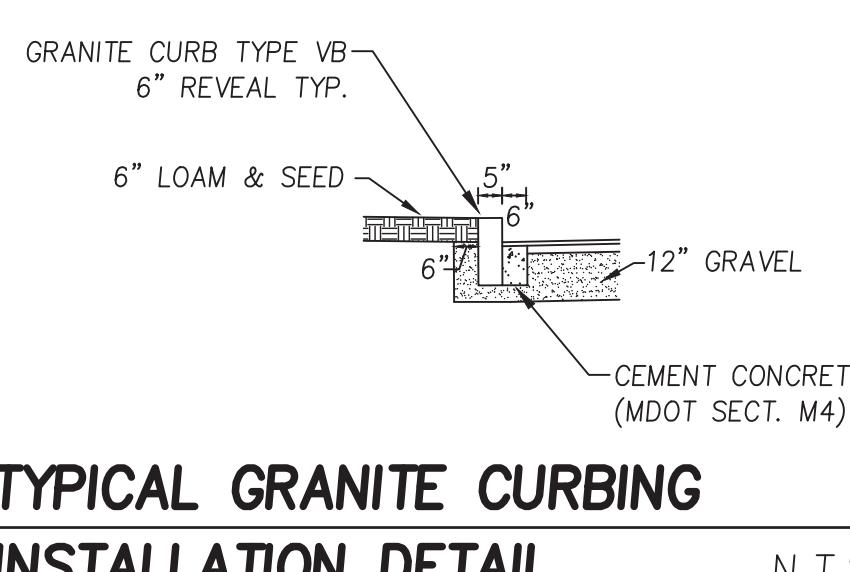
PAVEMENT

DETAIL

N.T.S.

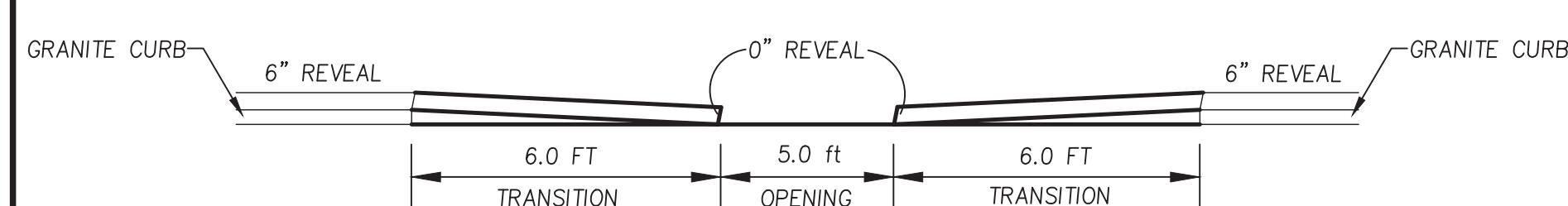
PAVEMENT NOTES

- ALL STUMPS, ROCKS AND LEDGE WITHIN THE LIMITS OF THE PROPOSED PAVED WAY SHALL BE REMOVED. ALL LEDGE SHALL BE REMOVED TO A MINIMUM DEPTH OF 2' BELOW FINISHED PAVEMENT GRADE.
- PAVEMENT SHALL NOT BE CONSTRUCTED DURING FREEZING WEATHER OR ON WET OR FROZEN SUBGRADE.
- GRADING AND ROLLING SHALL BE REQUIRED TO PROVIDE A SMOOTH, EVEN, AND UNIFORM COMPACTED BASE WHICH IS COMPACTED TO A MINIMUM DRY DENSITY OF 95 PERCENT.
- ALL UNSUITABLE MATERIAL SHALL BE EXCAVATED AND REPLACED WITH SATISFACTORY MATERIAL AND BROUGHT UP TO GRADE WITH GRAVEL BORROW CONTAINING NO STONES GREATER THAN 6" DIAMETER.
- AT ALL TIMES DURING CONSTRUCTION, THE SUB-GRADE AND ALL DITCHES SHALL BE CONSTRUCTED AND MAINTAINED SO THAT THE TRACK WHEELS EFFECTIVELY BE DRained.
- THE CONTRACTOR SHALL REFER TO THE NEWBURY PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND, ARTICLES I - VIII.



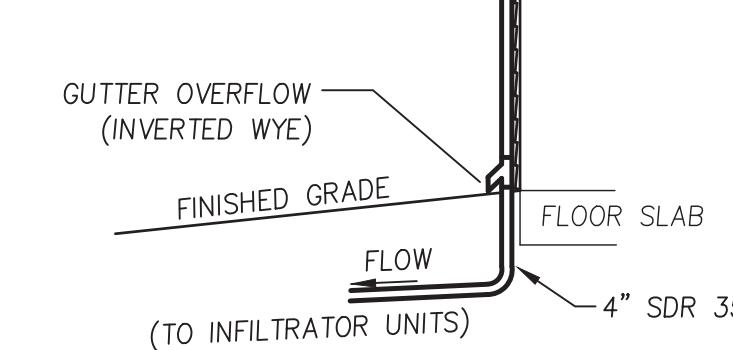
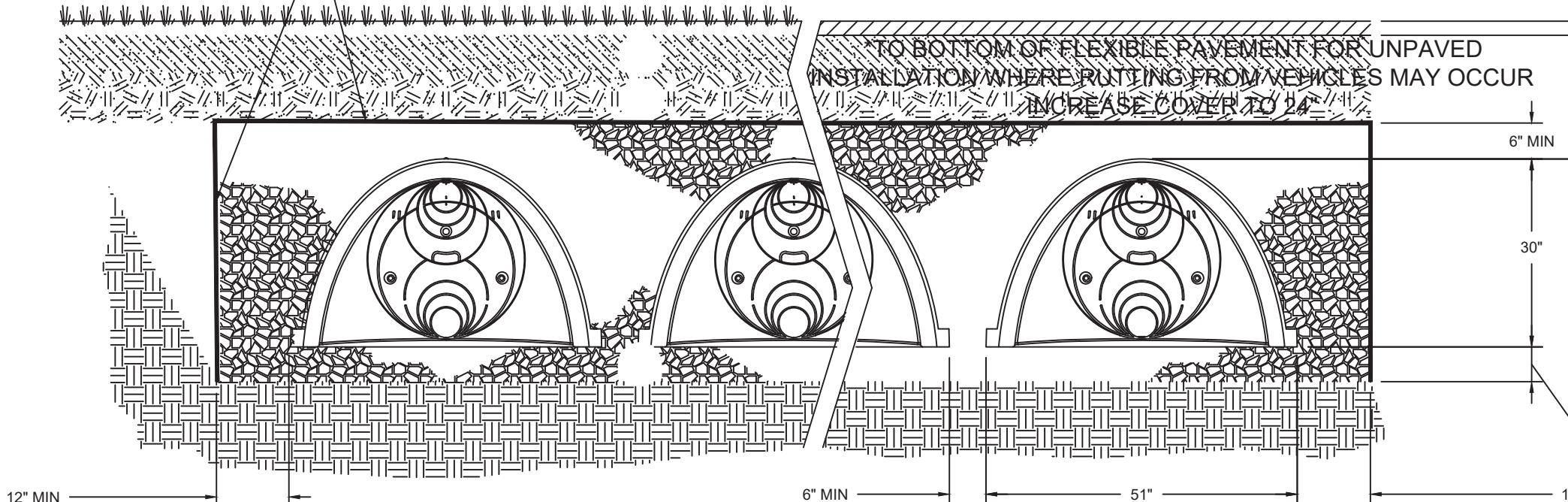
TYPICAL GRANITE CURBING INSTALLATION DETAIL

N.T.S.



CURB OPENING DETAIL

N.T.S.

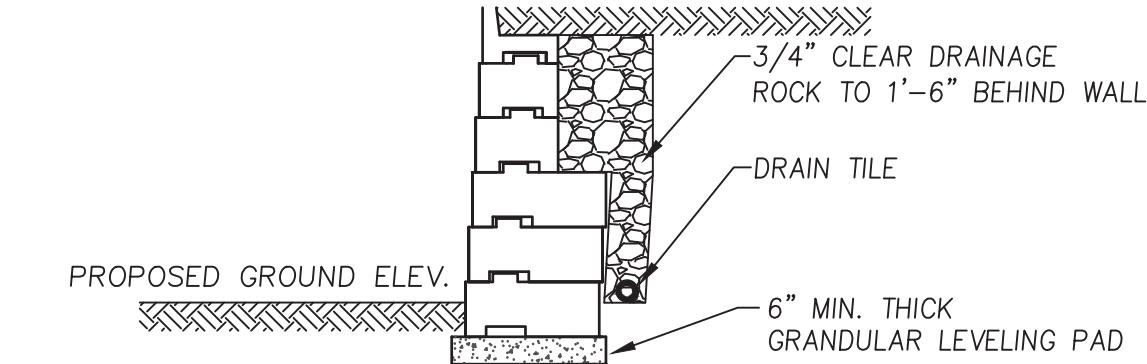
ADS GEOSYNTHETICS 601T
NON-WOVEN GEOTEXTILE ALL
AROUND CLEAN, CRUSHED,
ANGULAR STONE IN A & B
LAYERS

STORMTECH SC 740 INFILTRATION CHAMBER

N.T.S.

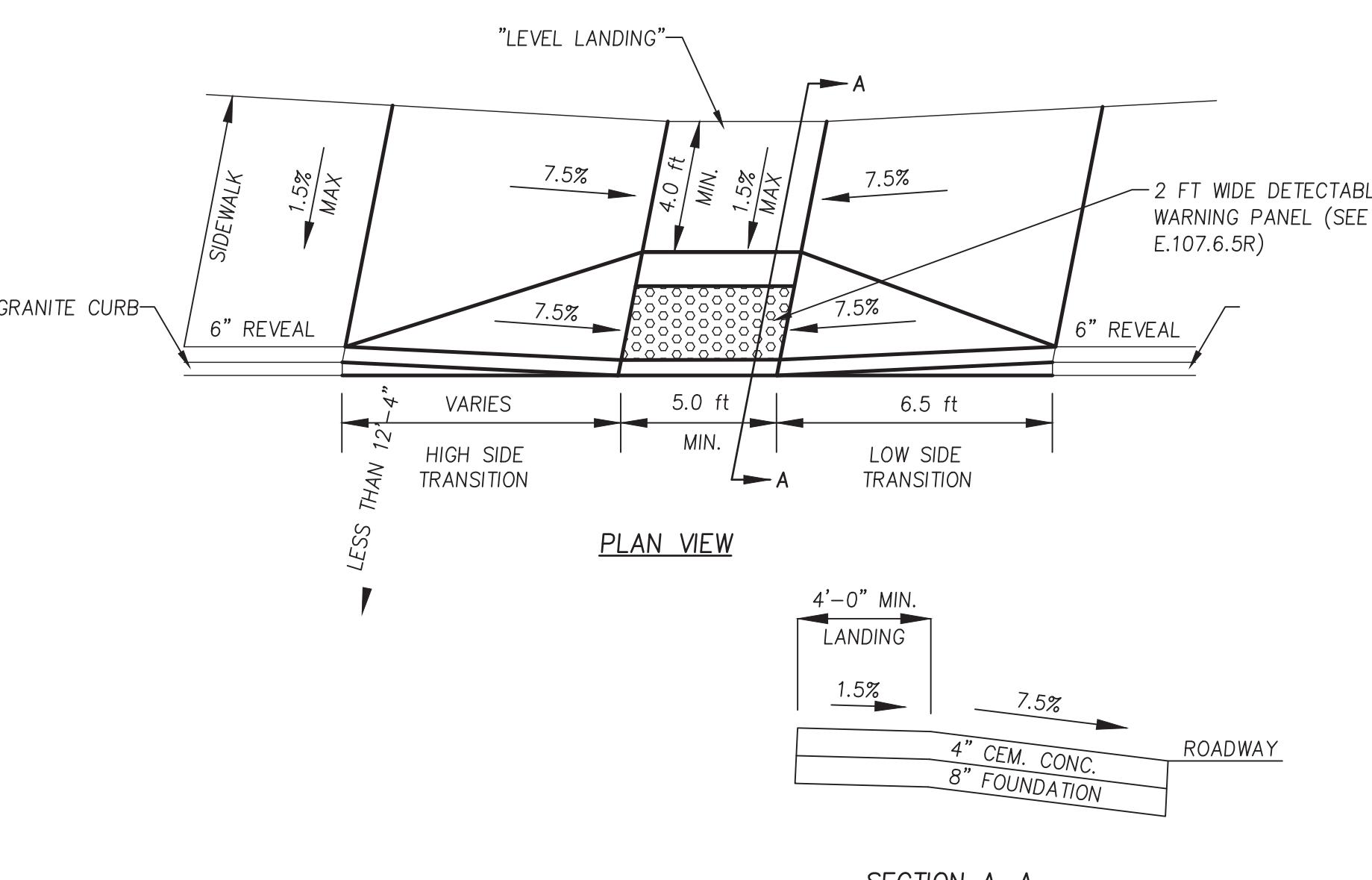
PROPOSED GROUND ELEV.

PROPOSED GROUND ELEV.



SEGMENTAL BLOCK RETAINING WALL

N.T.S.

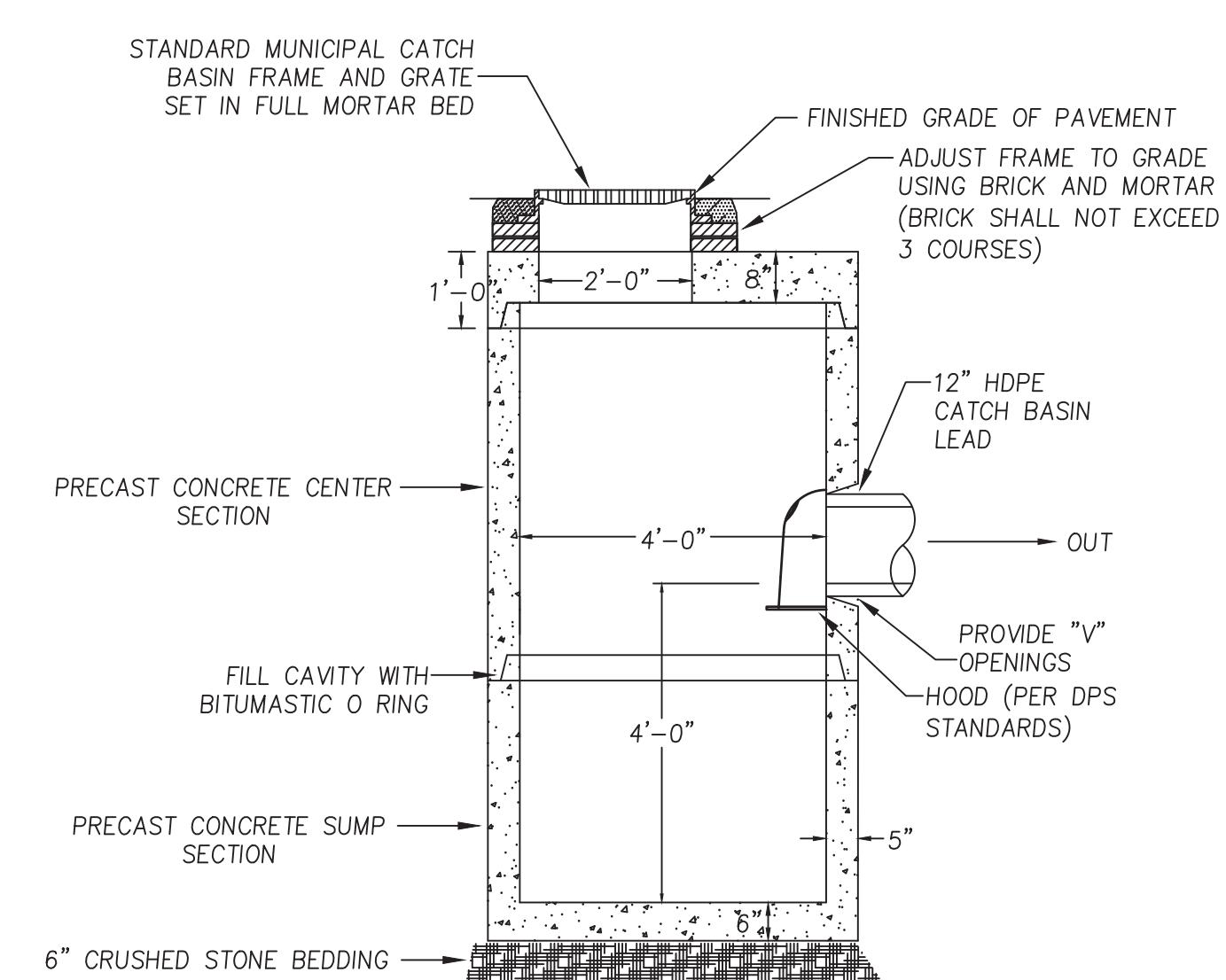


NOTES:

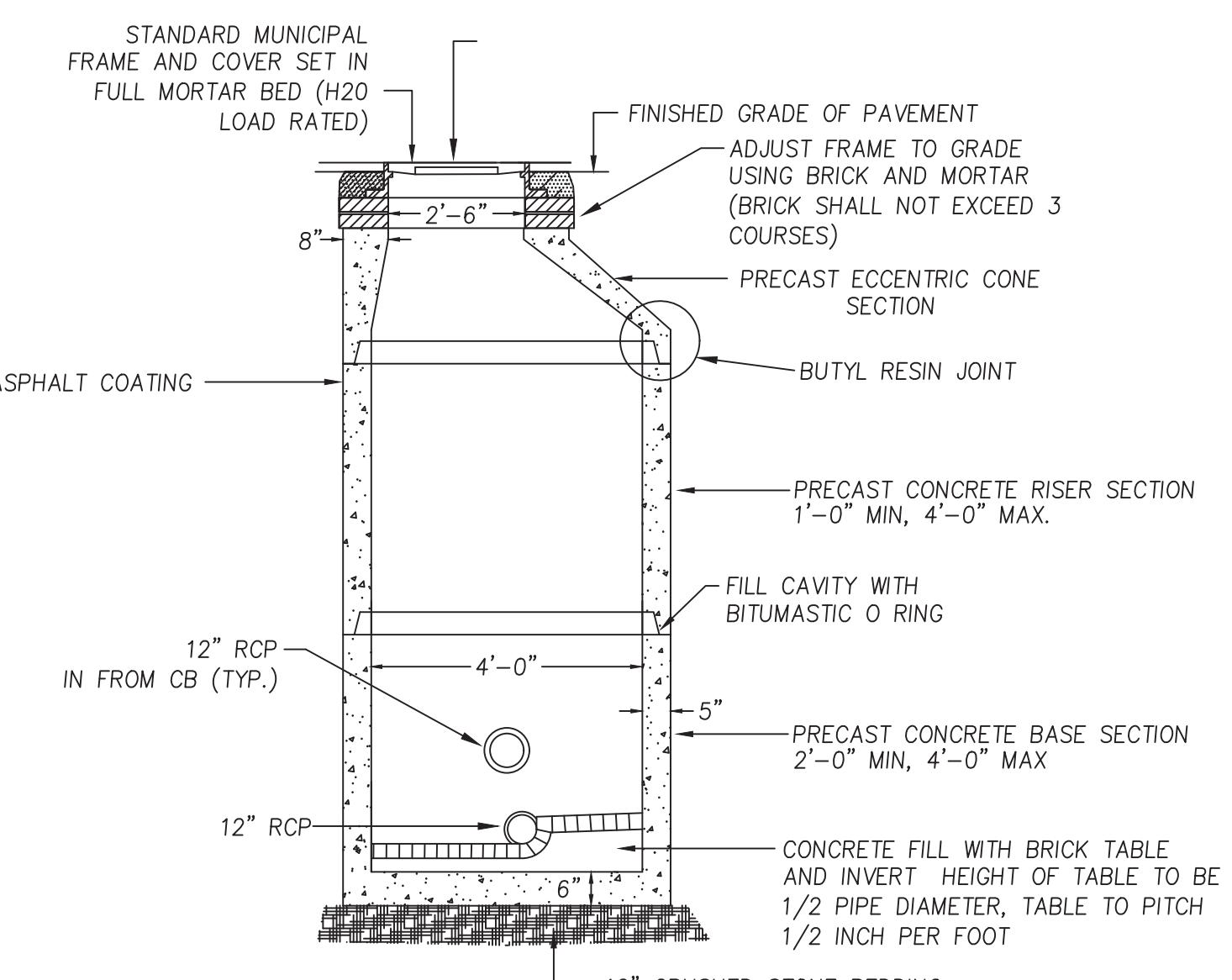
RAMP CROSS SECTION TO BE SAME AS SIDEWALK; I.E. DEPTH OF SURFACE AND FOUNDATION.
BASE OF RAMP SHALL MEET PAVEMENT GUTTER SUCH THAT THERE IS NO DIFFERENCE IN ELEVATION.
RAMP SHALL BE CONSTRUCTED SUCH THAT WATER DOES NOT "PUDDLE" AT THE BASE OF THE RAMP.
THE PAVEMENT AT THE BASE OF THE RAMP SHALL BE PART OF THE CONTINUOUS TOP COURSE. THE USE OF A "PAVEMENT PATCH" TO COMPLY WITH THE CONDITIONS IN NOTE 2, ABOVE IS PROHIBITED.
RAMPS SHALL CONFORM TO MASS DOT WHEELCHAIR RAMP STANDARDS - LATEST REVISIONS.

CEMENT CONCRETE WHEELCHAIR RAMP DETAIL

N.T.S.



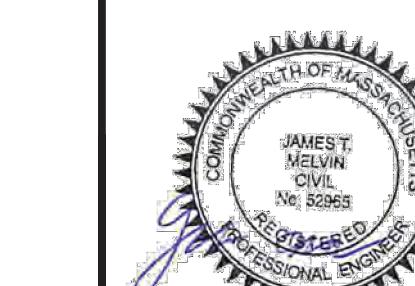
NOTES: 1) CATCH BASINS SHALL CONFORM TO ASTM C478 AND ASTM C185
2) FLAT TOP STRUCTURES SHALL BE PRECAST SECTIONS AND HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI REINFORCED FOR AASHTO H-20 LOADING.
3) CONICAL SECTIONS MAY BE SUBSTITUTED FOR FLAT-TOP STRUCTURES IN AREAS WHERE MORE THAN 4 FEET OF COVER IS PROVIDED FOR DRAIN PIPE.



NOTES: 1) DRAIN MANHOLES SHALL CONFORM TO ASTM C478 AND ASTM C185
2) FLAT TOP STRUCTURES SHALL BE PRECAST SECTIONS AND HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI REINFORCED FOR AASHTO H-20 LOADING.
3) CONICAL SECTIONS MAY BE SUBSTITUTED FOR FLAT-TOP STRUCTURES IN AREAS WHERE MORE THAN 4 FEET OF COVER IS PROVIDED FOR DRAIN PIPE.

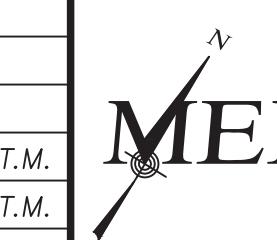
PRECAST CATCH BASIN DETAIL

N.T.S.



PREPARED FOR
L.D. RUSSO, INC.
198 AYER ROAD
HARVARD, MA

NO.	DATE	DESCRIPTION	BY	SCALE: AS SHOWN	DESG. BY: J.T.M.	PROJECT: M213895
4	12/21/21	RESPONSE TO PEER REVIEW	J.T.M.			
3	12/8/21	RESPONSE TO PEER REVIEW	J.T.M.			
2	11/9/21	RESPONSE TO PEER REVIEW	J.T.M.			
1	10/12/21	REVISIONS FROM PEER REVIEW	S.R.C.			
				DATE: JUNE 30, 2021	CHKD. BY: E.W.B.	

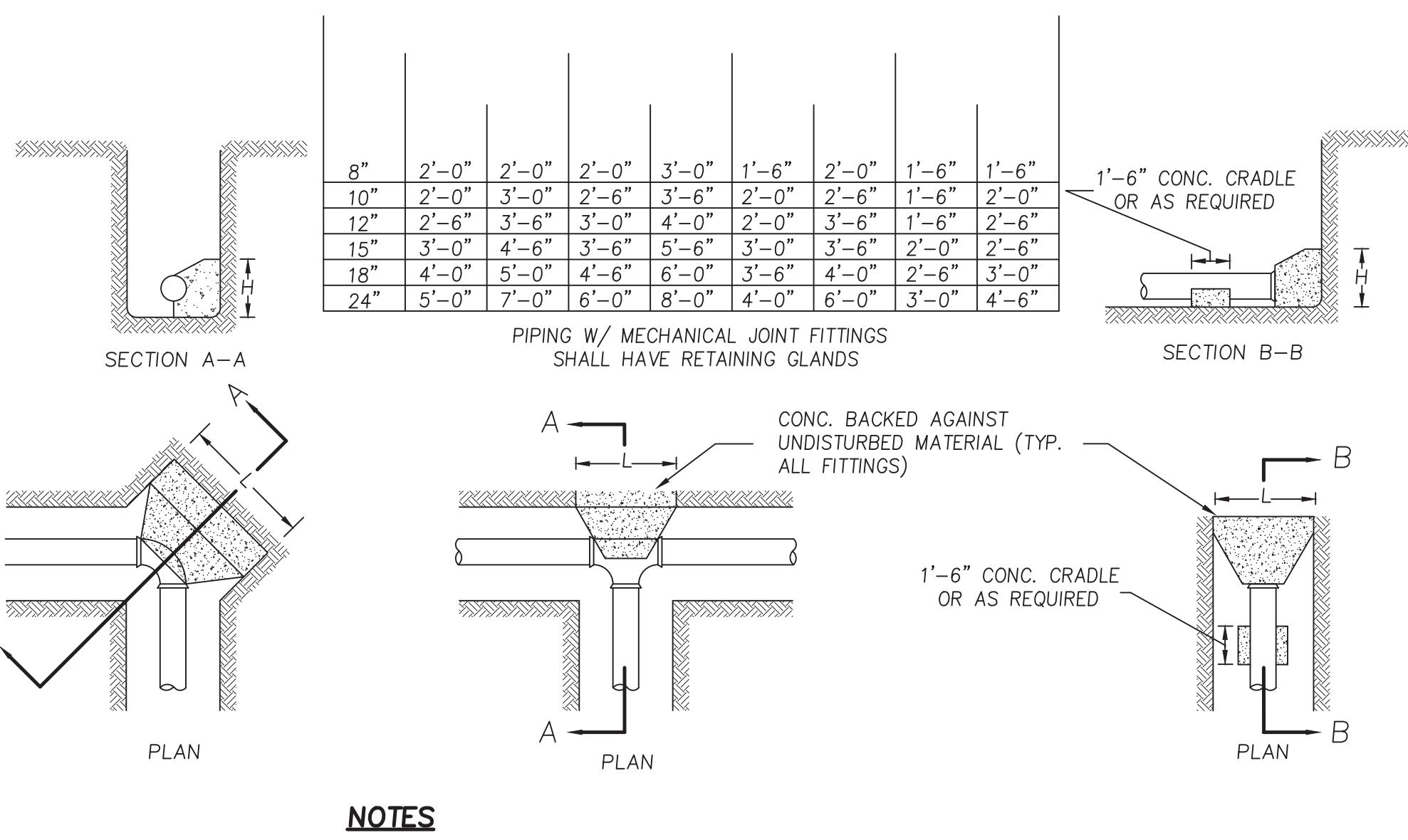


MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SITE PLAN
IN
METHUEN, MA

AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

CONSTRUCTION DETAILS
SHEET: 12 OF 14



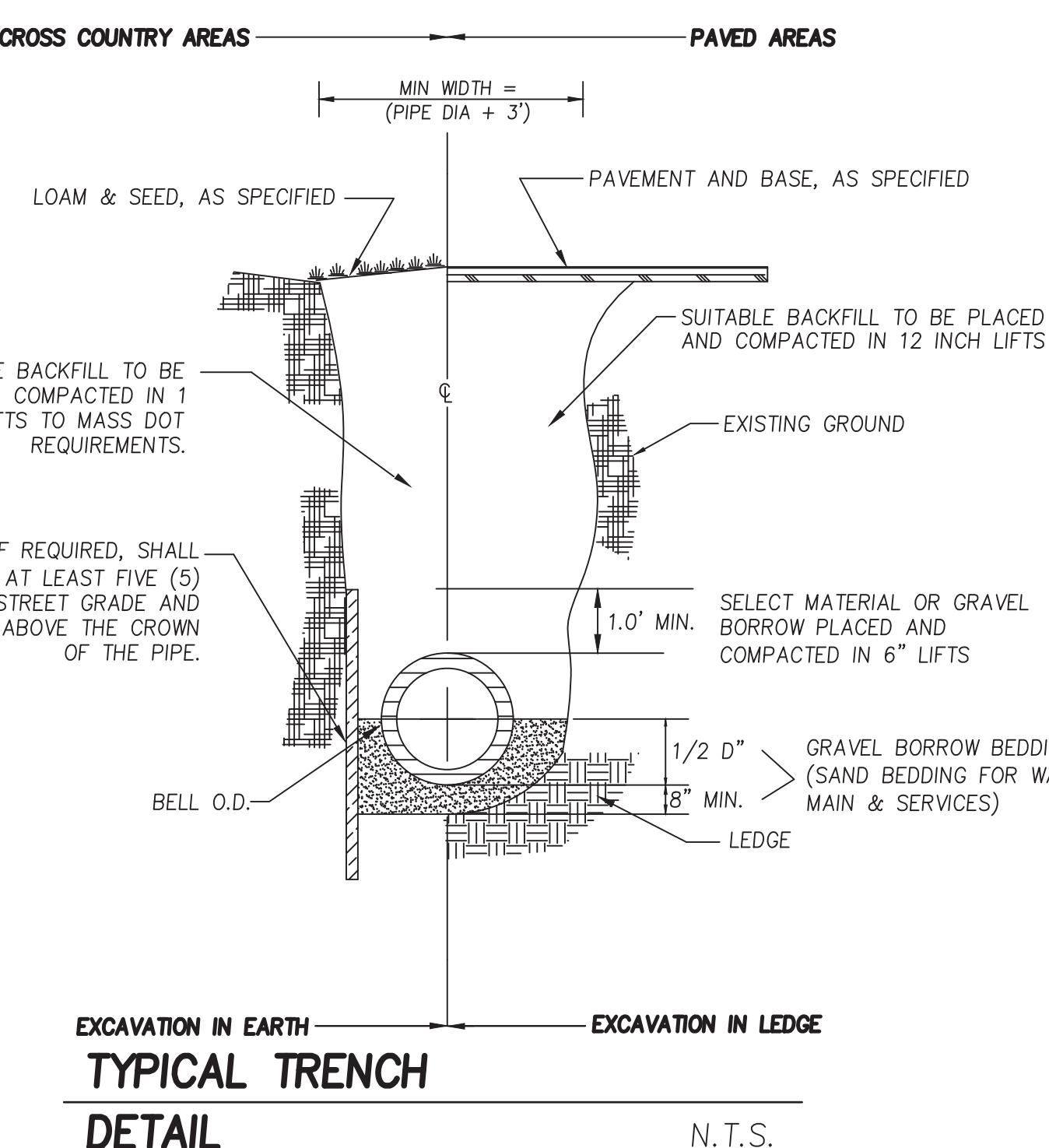
NOTES

- VALUES SHOWN ARE FOR TEST PRESSURE OF 150 PSI WITH A 100 PSI SURGE ALLOWANCE.
- THRUST BLOCKS SHALL NOT BE PLACED AGAINST THE FOLLOWING SOILS: PEAT, ORGANIC SILT AND ORGANIC SOILS, SOFT CLAY, RUBBISH FILL AND OTHER UNSUITABLE ARTIFICIAL FILL, SHATTERED SHALE, INORGANIC SILT AND VERY FINE SANDS.
- POURED CONCRETE THRUST BLOCKS SHALL NOT COVER ANY JOINTS, CLAMPS, NUTS, BOLTS, ETC.

THRUST BLOCK

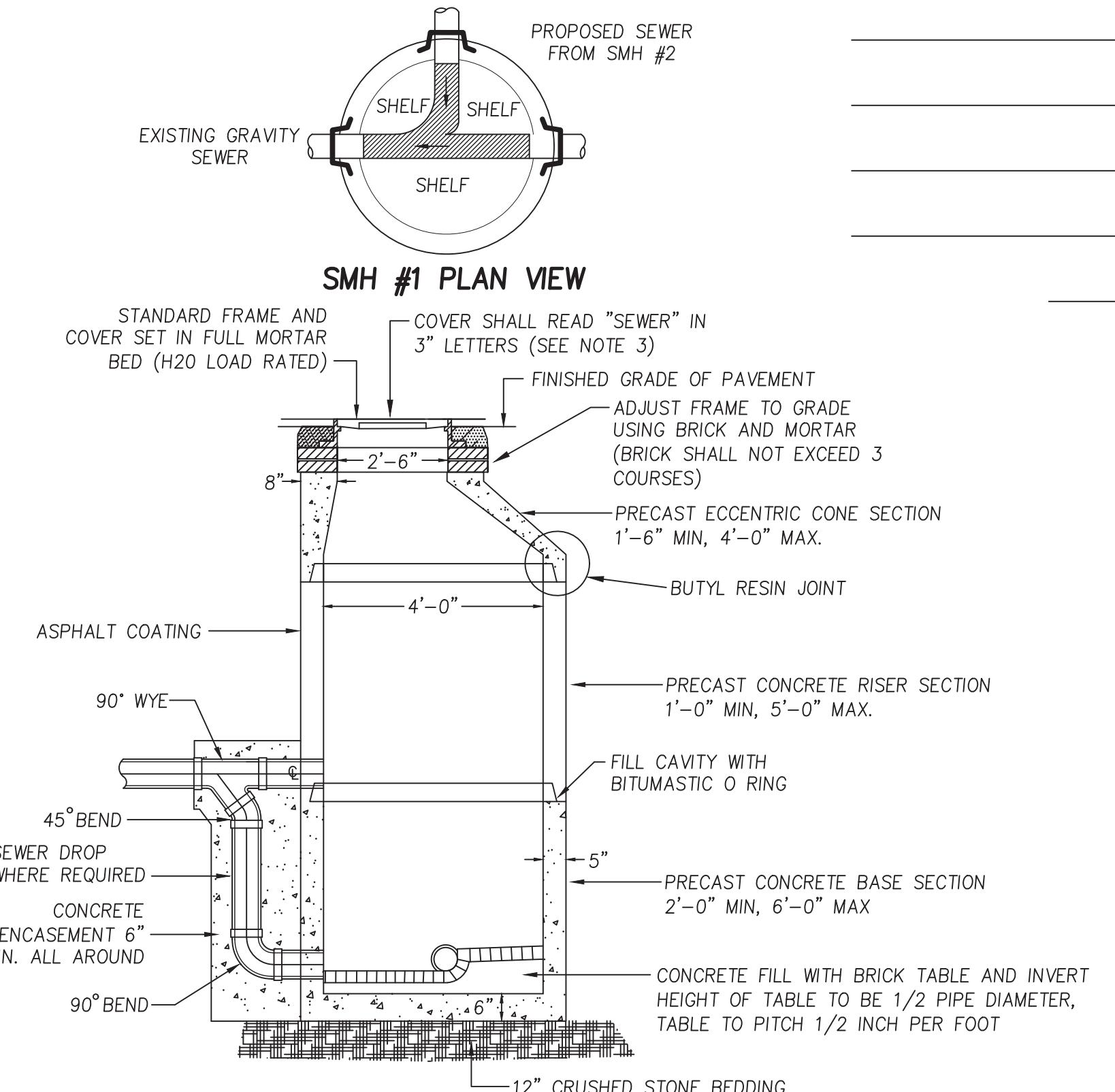
DETAILS

N.T.S.



EXCAVATION IN EARTH — EXCAVATION IN LEDGE
TYPICAL TRENCH
DETAIL

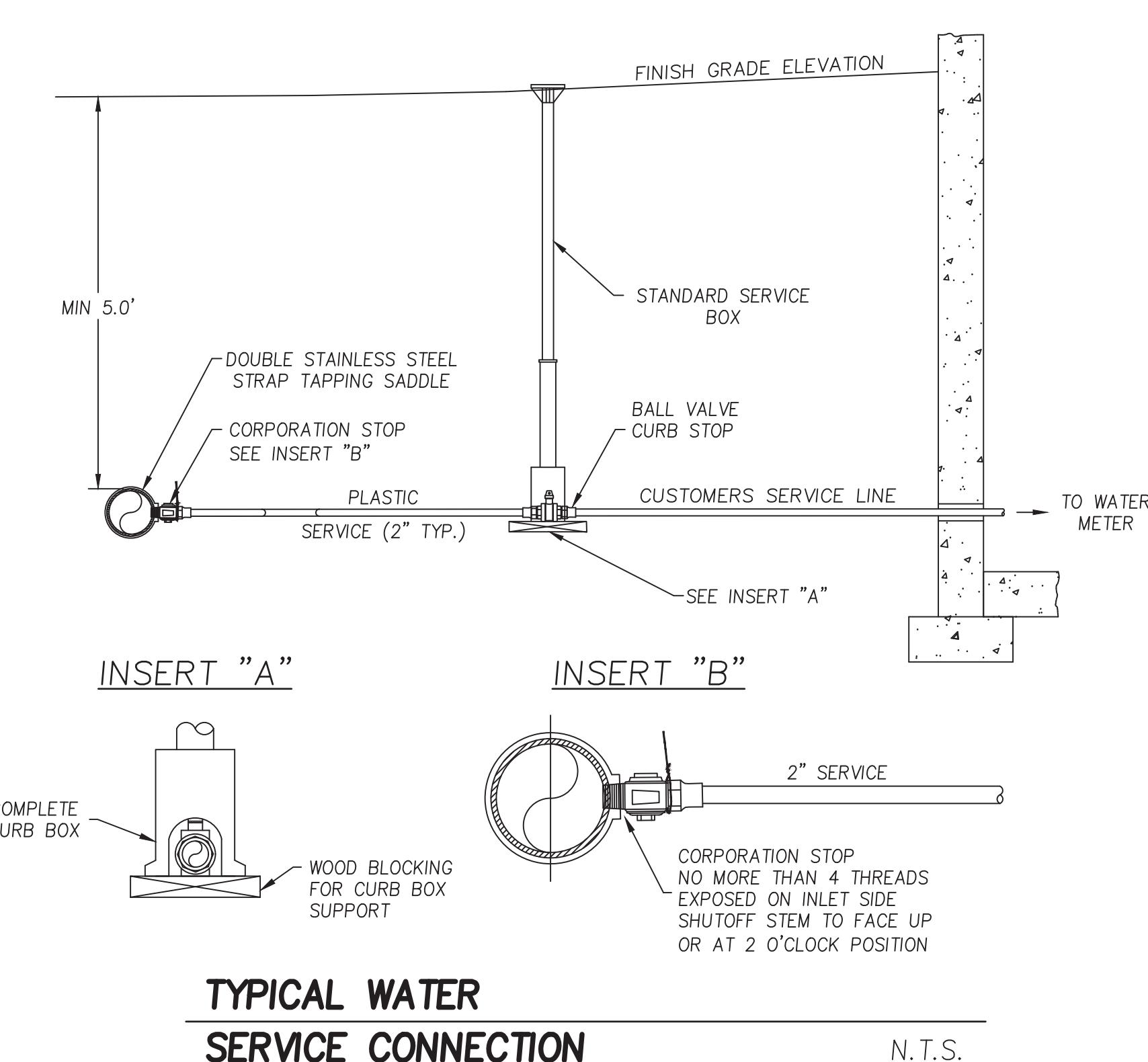
N.T.S.



NOTES: 1) SEWER MANHOLES SHALL CONFORM TO ASTM C478 AND ASTM C185
2) STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEPS SHALL CONFORM TO LATEST ASTM C478 SPEC.
3) COVER SHALL BE LEBARON FOUNDRY (MODEL NO. LA246), MECHANICS IRON FOUNDRY, NEEHAN FOUNDRY, OR EQUAL.
4) ALL PENETRATIONS IN THE MANHOLE FOR INSERTION OF PIPING SHALL BE SEALED WITH KOR-N-SEAL FLEXIBLE PIPE CONNECTION.
5) FLAT TOP STRUCTURES SHALL BE PRECAST SECTIONS AND HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI REINFORCED FOR ASHTO H-20 LOADING.
6) CONICAL SECTIONS MAY BE SUBSTITUTED FOR FLAT-TOP STRUCTURES IN AREAS WHERE MORE THAN 4 FEET OF COVER IS PROVIDED FOR DRAIN PIPE.

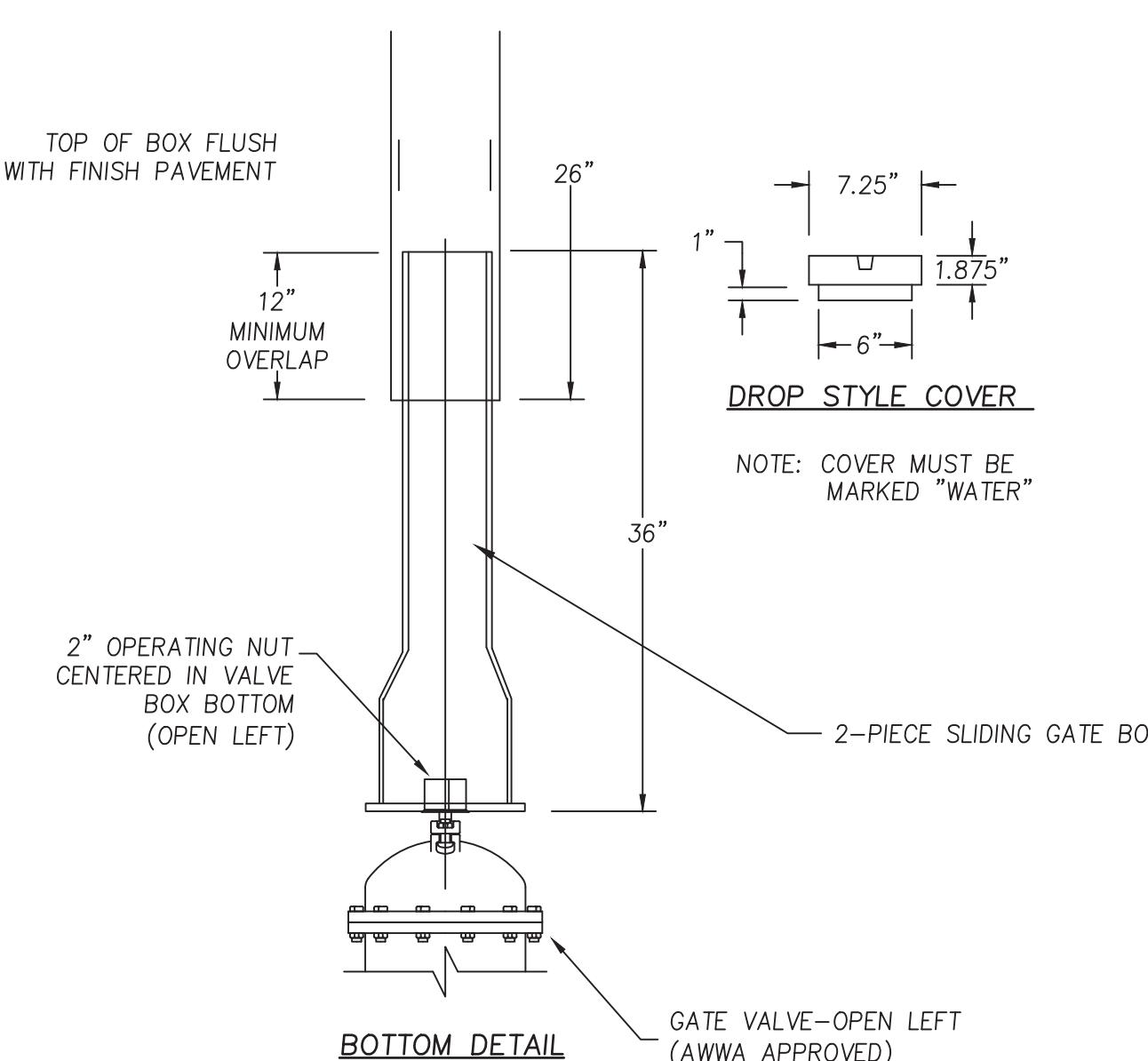
PRECAST SEWER
MANHOLE DETAIL

N.T.S.



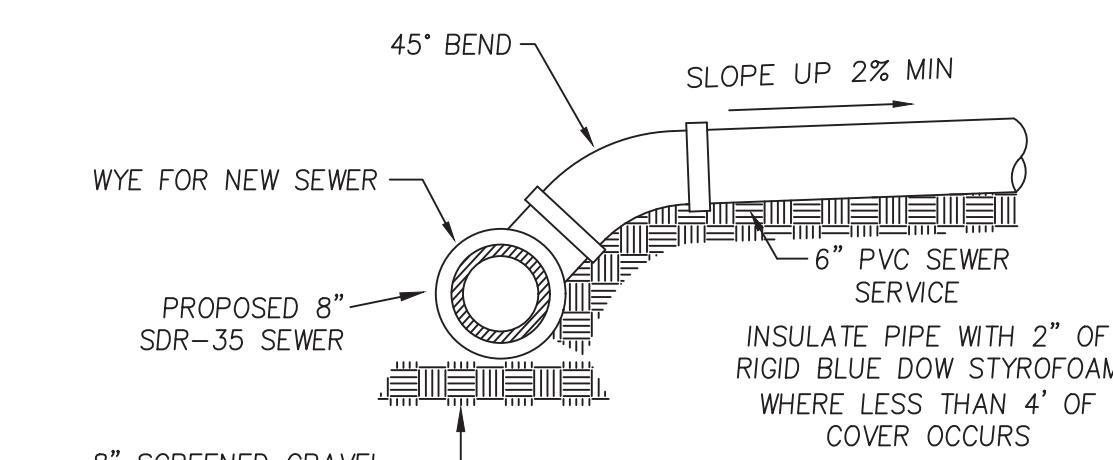
TYPICAL WATER
SERVICE CONNECTION

N.T.S.



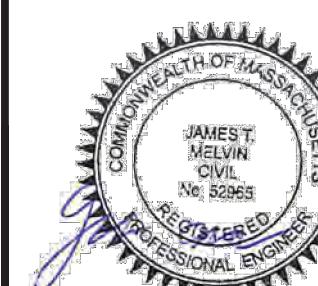
TYPICAL GATE VALVE
BOX DETAIL

N.T.S.



SEWER SERVICE
DETAIL

N.T.S.



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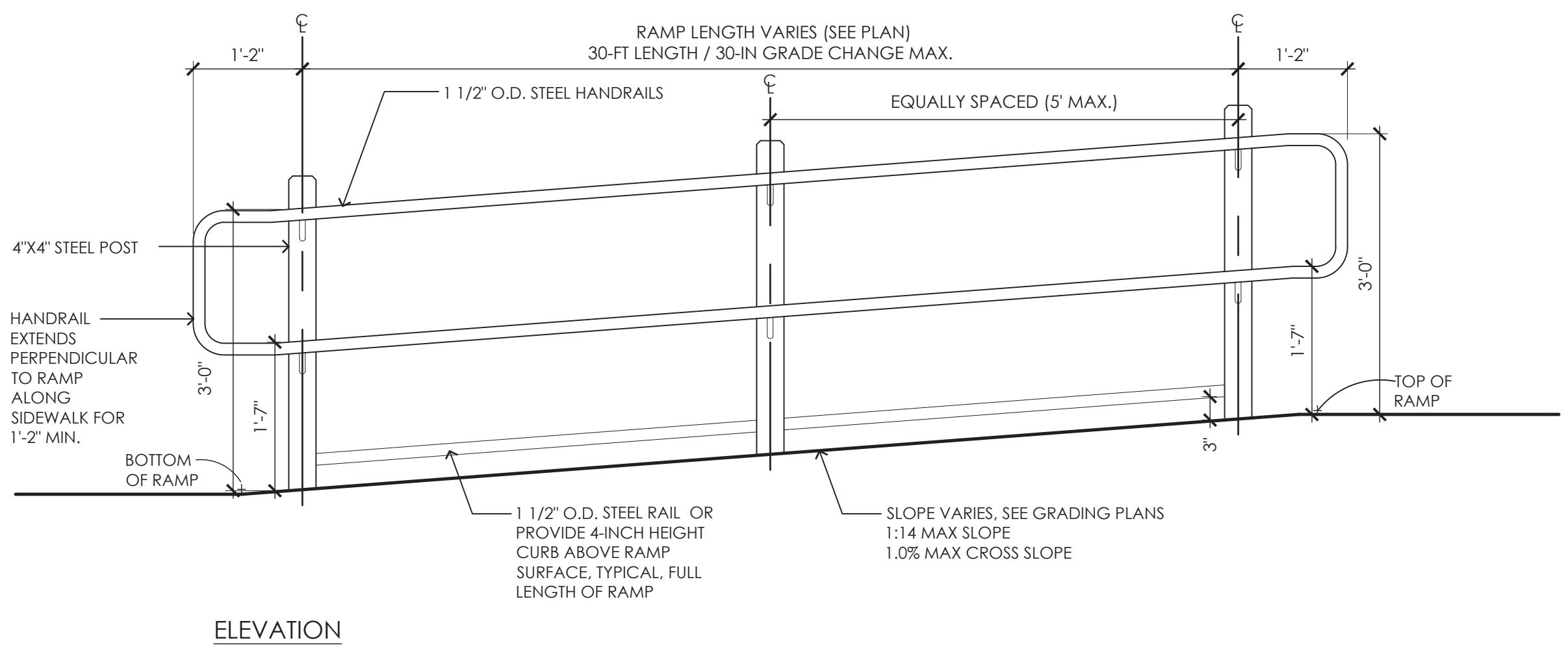


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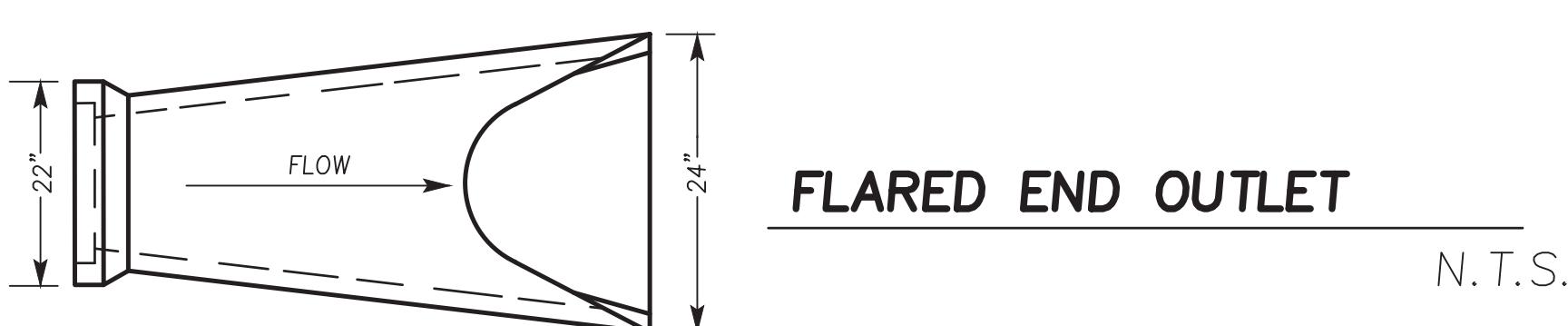
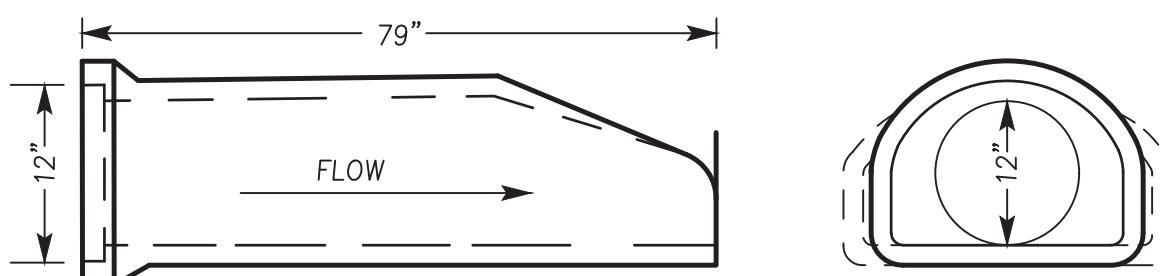
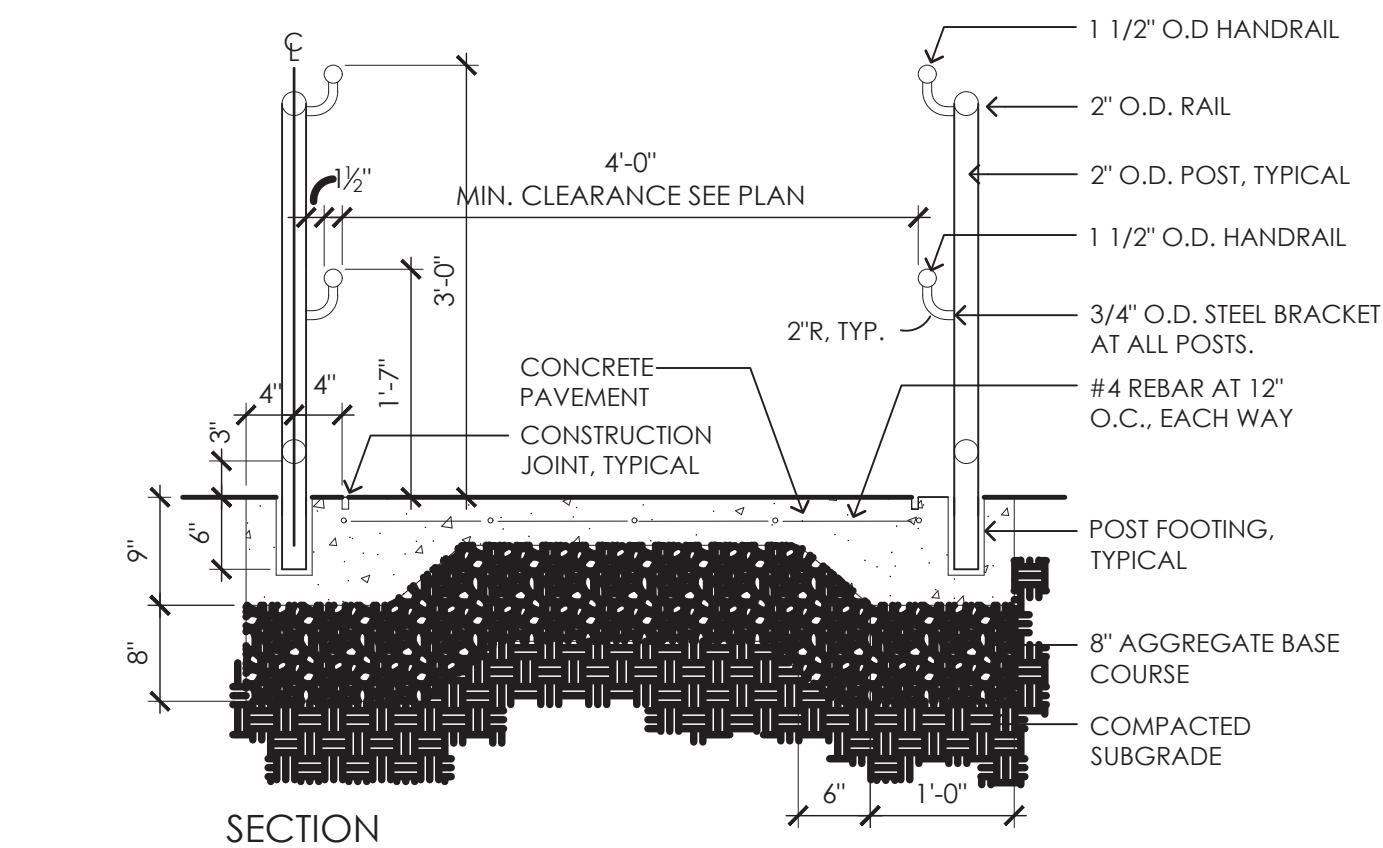
SCALE: AS SHOWN	DESG. BY: J.T.M.	PROJECT: M213895
DATE: JUNE 30, 2021	CHKD. BY: E.W.B.	

SITE PLAN
IN
METHUEN, MA
AT
12 INGALLS COURT
(MAP 716, BLOCK 115, LOT 2A)

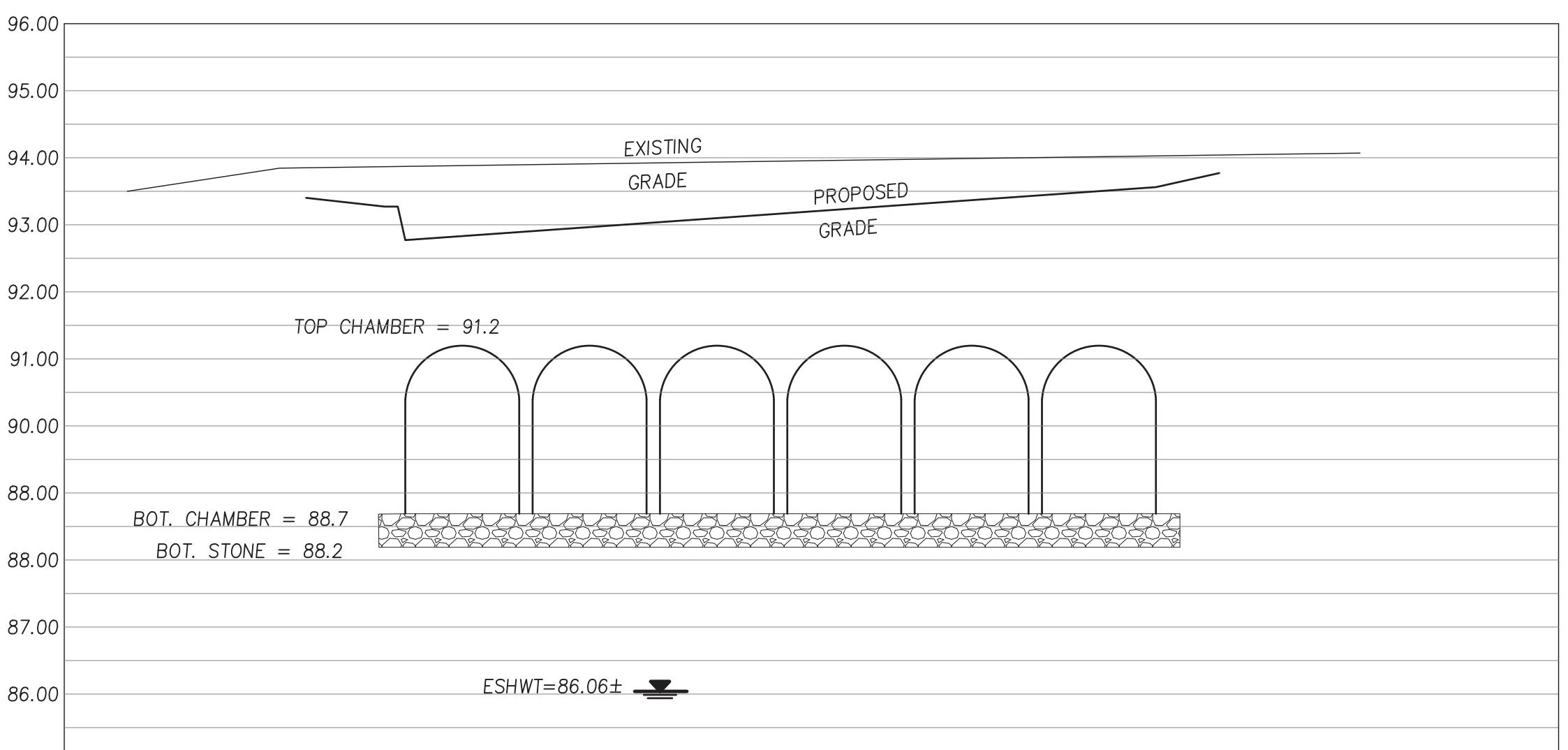
CONSTRUCTION
DETAILS
SHEET: 13 OF 14



ELEVATION

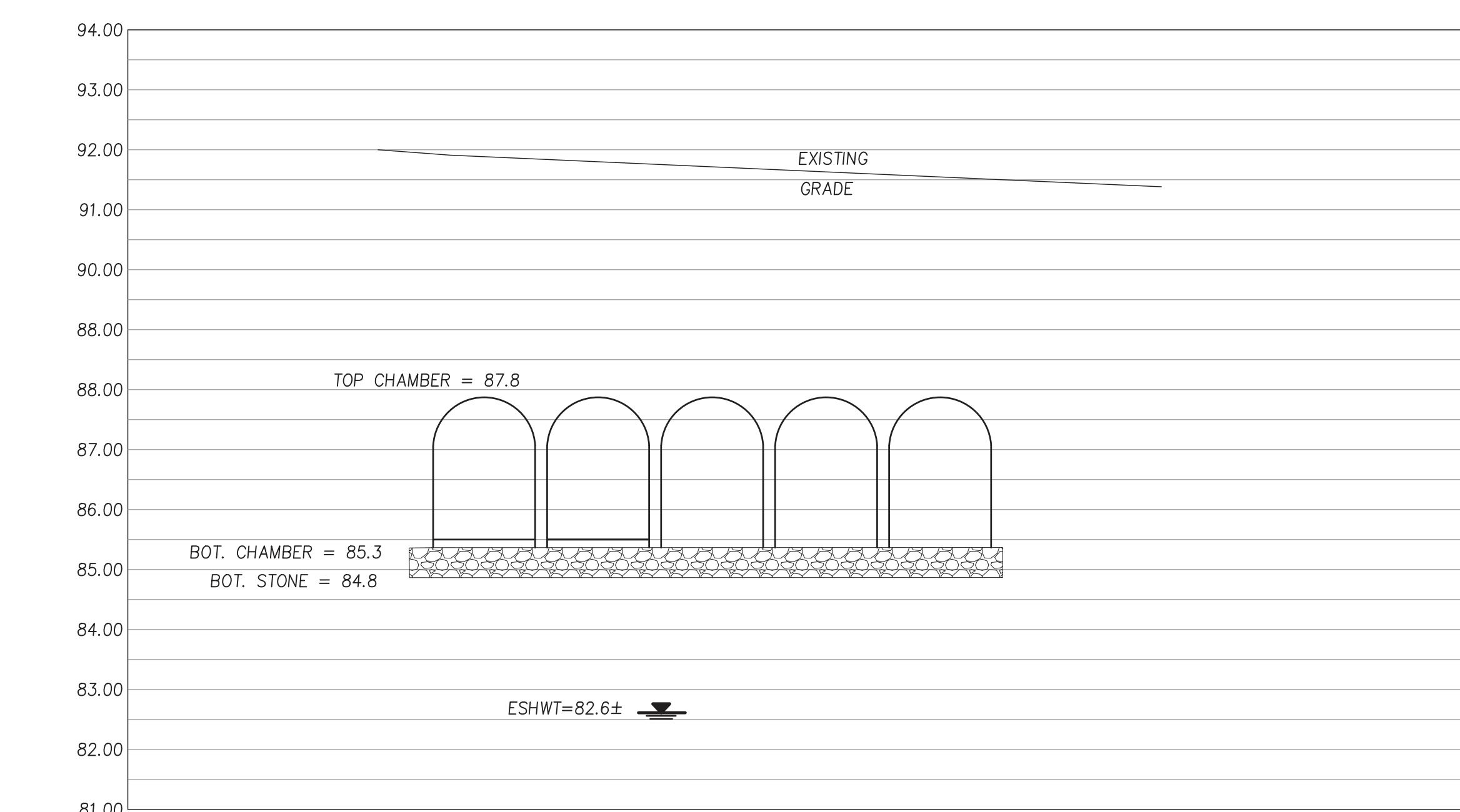


N.T.S.



SUBSURFACE INFILTRATION
AREA 1 CROSS-SECTION

HORIZ. SCALE: N.T.S.
VERT. SCALE: 1"=2'



SUBSURFACE INFILTRATION
AREA 2 CROSS-SECTION

HORIZ. SCALE: N.T.S.
VERT. SCALE: 1"=2'

				PREPARED FOR L.D. RUSSO, INC. 198 AYER ROAD HARVARD, MA				MEI	MILLENNIUM ENGINEERING, INC. ENGINEERING AND LAND SURVEYING 62 ELM ST. SALISBURY, MA 01952 (978) 463-8980 13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528	SITE PLAN IN METHUEN, MA AT 12 INGALLS COURT (MAP 716, BLOCK 115, LOT 2A)	CONSTRUCTION DETAILS SHEET: 14 OF 14
4	12/21/21	RESPONSE TO PEER REVIEW	J.T.M.								
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