# PROPOSED SITE PLAN FOR 3 NEWBURYPORT TURNPIKE NEWBURY, MA

PROPOSED THREE STORY
MIXED USE BUILDING
3,000 S.F. RETAIL

12,000 S.F. RESIDENTIAL

F.F. EL. = 21.5

NEWBURY PLANNING BOARD APPROVAL

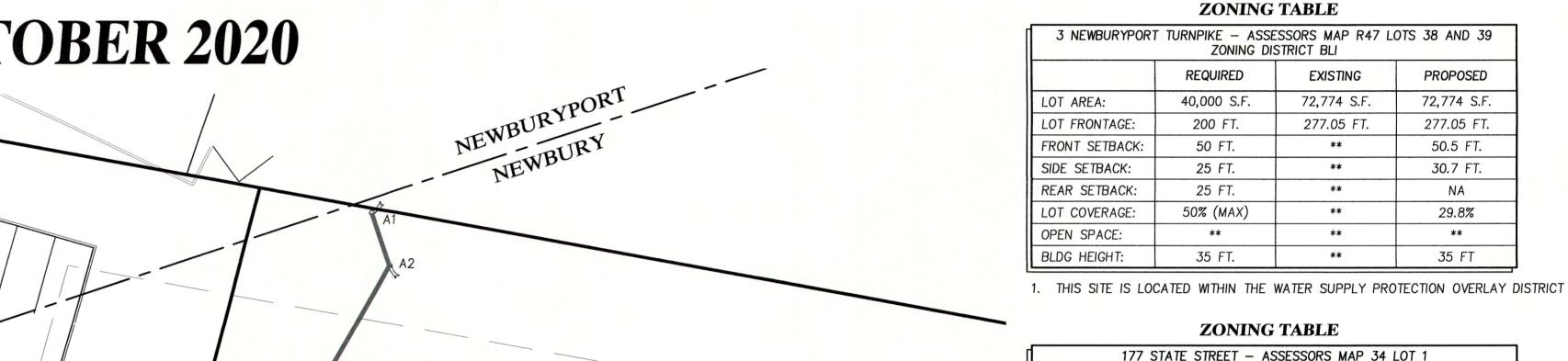
#### PROJECT LOCATION

3 NEWBURYPORT TURNPIKE - NEWBURY MAP R47, LOT 0-38 MAP R47, LOT 0-39 177 STATE STREET - NEWBURYPORT

#### OWNER OF RECORD

BAVARO FAMILY REALTY TRUST, LLC BK. 37234 PG. 197 **#3 NEWBURYPORT TURNPIKE** 

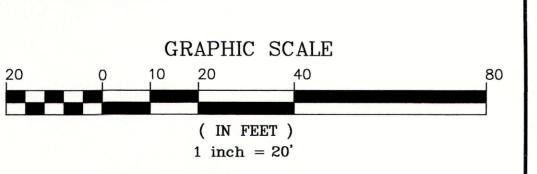
# OCTOBER 2020



177 STATE STREET — ASSESSORS MAP 34 LOT 1 BUSINESS DISTRICT					
	REQUIRED	EXISTING	PROPOSED		
LOT AREA:	20,000 S.F.	3,397 S.F.	3,397 S.F.		
LOT FRONTAGE:	90 FT.	62.66 FT.	62.66 FT.		
FRONT SETBACK:	20 FT.	**	**		
SIDE SETBACK:	20 FT.	**	**		
REAR SETBACK:	20 FT.	**	**		
LOT COVERAGE:	30% (MAX)	**	**		
OPEN SPACE:	**	**	**		
BLDG HEIGHT:	35 FT.	**	**		

: 11 / //11						
	BAVARÓ FAMILY / REALTY TWO, LLC			1. THIS SITE IS LOC	CATED WITHIN THE	WATER :
	BAVARO FAMILY REALTY TWO, LLC BK. 37234 PG. 197 #IN STATE STREET				ZONING	TABI
		A3		177 \$	STATE STREET – AS BUSINESS	SSESSOR DISTRIC
	\(\frac{\kappa 47}{38}\)				REQUIRED	EX
	N/F			LOT AREA:	20,000 S.F.	3,3
	BAVARÓ FAMILY	<b>/</b> /		LOT FRONTAGE:	90 FT.	62
	REALTY TWO, LLC / BK. 37234 PG. 1917 #3 NEWBURYPORT TURNPIKE / / ,			FRONT SETBACK:	20 FT.	
	#3 NEWBURYPORT TURNPIKE / /	, //		SIDE SETBACK:	20 FT.	
		/ // A4		REAR SETBACK:	20 FT.	
		(5)		LOT COVERAGE:	30% (MAX)	
			<del>R47</del> <del>39</del>	OPEN SPACE:	**	
			N/F	BLDG HEIGHT:	35 FT.	
		A5	BAVARO FAMILY REALTY TWO, LLC BK. 37234 PG. 197 #3 NEWBURYPORT TURNPIKE			
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					SUFET NO	
		A6	IN DING LINE		SHEET NO.	
		<b>1</b>	BUILDING SETBACK LINE		1	С
					2	Ε
					7	C
		/			J	3

SHEET NO.	TITLE		
1	COVER SHEET		
2	EXISTING CONDITIONS		
3	SITE PLAN		
4	GRADING PLAN		
5	UTILITIES PLAN		
6-8	CONSTRUCTION DETAILS		
E-1	LIGHTING PLAN		
L-1	LANDSCAPE PLAN		





TURNPI

BAVARO FAMILY REALTY TWO, LLC 18 GRAF ROAD UNIT #31 NEWBURYPORT, MA

PREPARED FOR

							M
3	12/9/20	RESPONSE	то	TOWN	COMMENTS	J.T.M.	
2	11/18/20	RESPONSE	ТО	TOWN	COMMENTS	J.T.M.	7
1	10/5/20	RESPONSE	TO	TOWN	COMMENTS	J.T.M.	SCA
NO.	DATE	DESCRIPTION			BY	DATE	

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 PROJECT: M193668

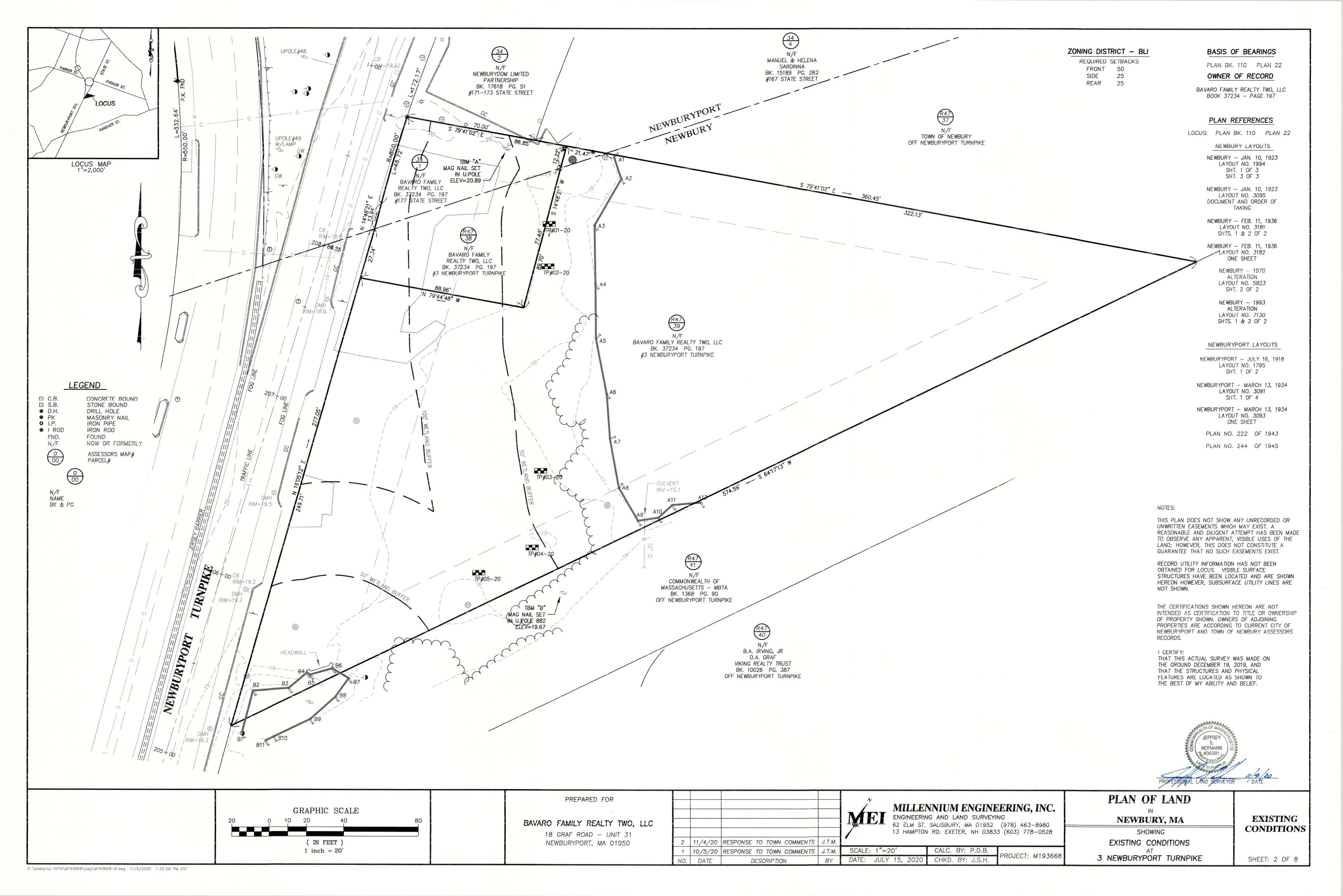
CHKD. BY: E.W.B.

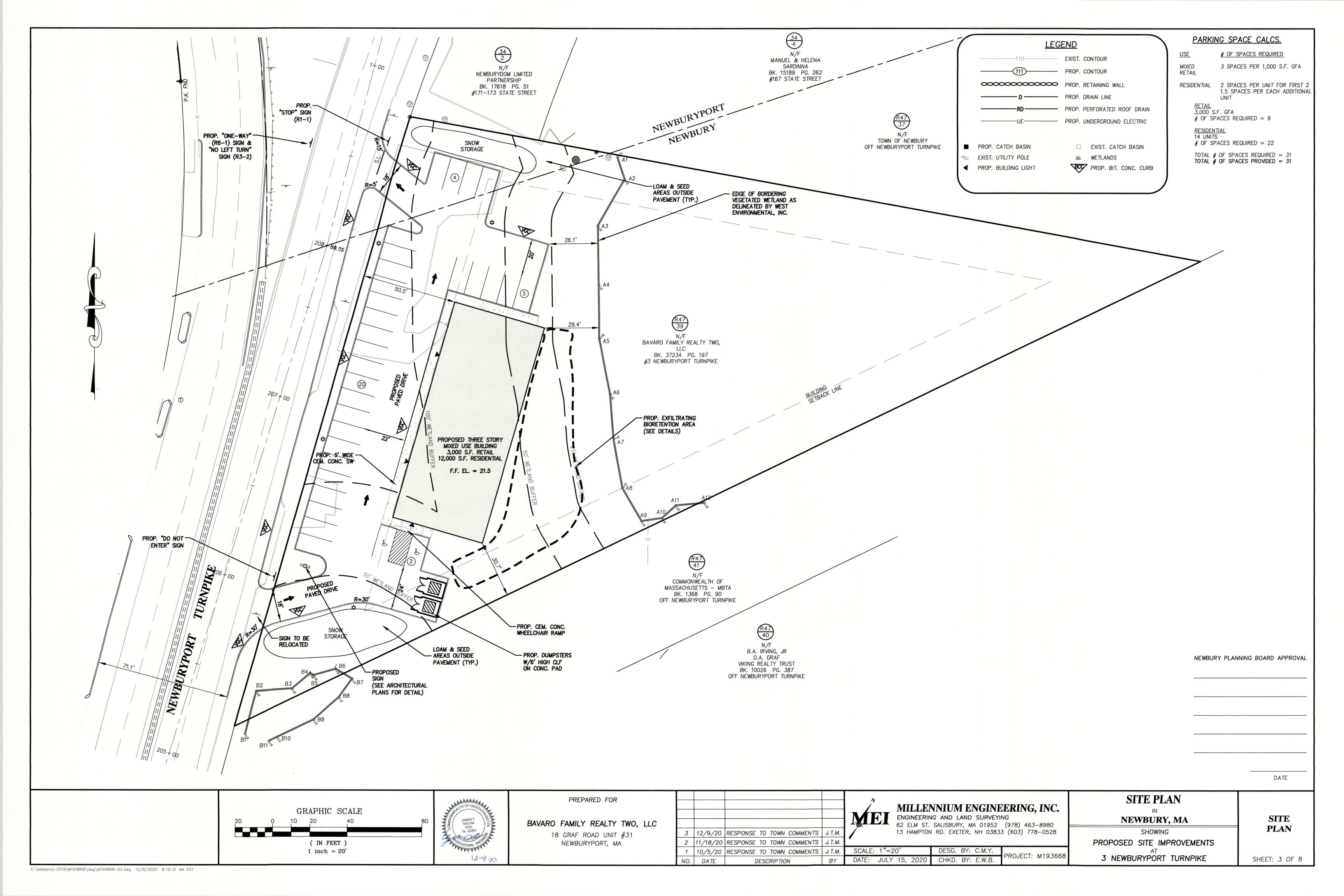
SITE PLAN **NEWBURY, MA** SHOWING PROPOSED SITE IMPROVEMENTS

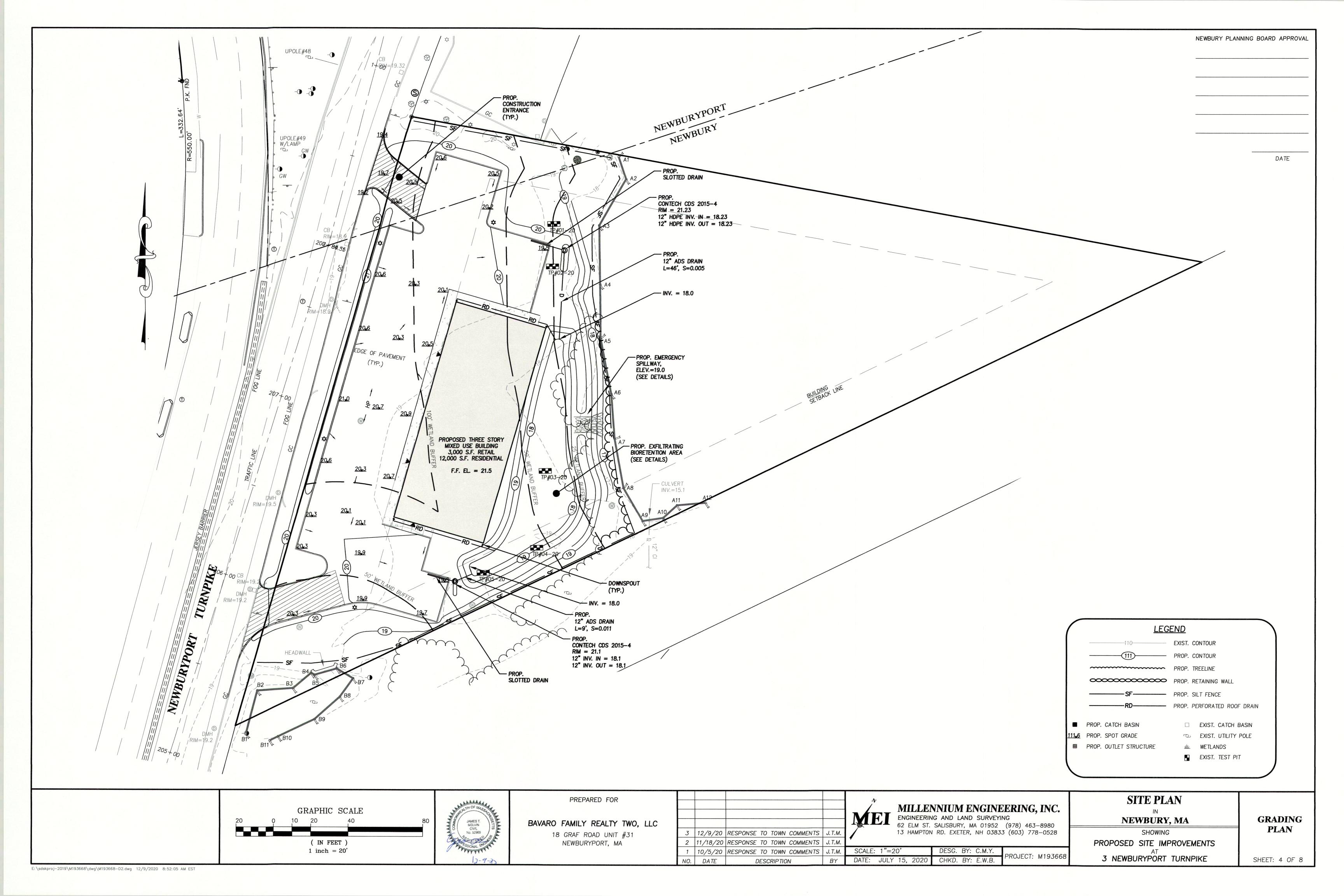
3 NEWBURYPORT TURNPIKE

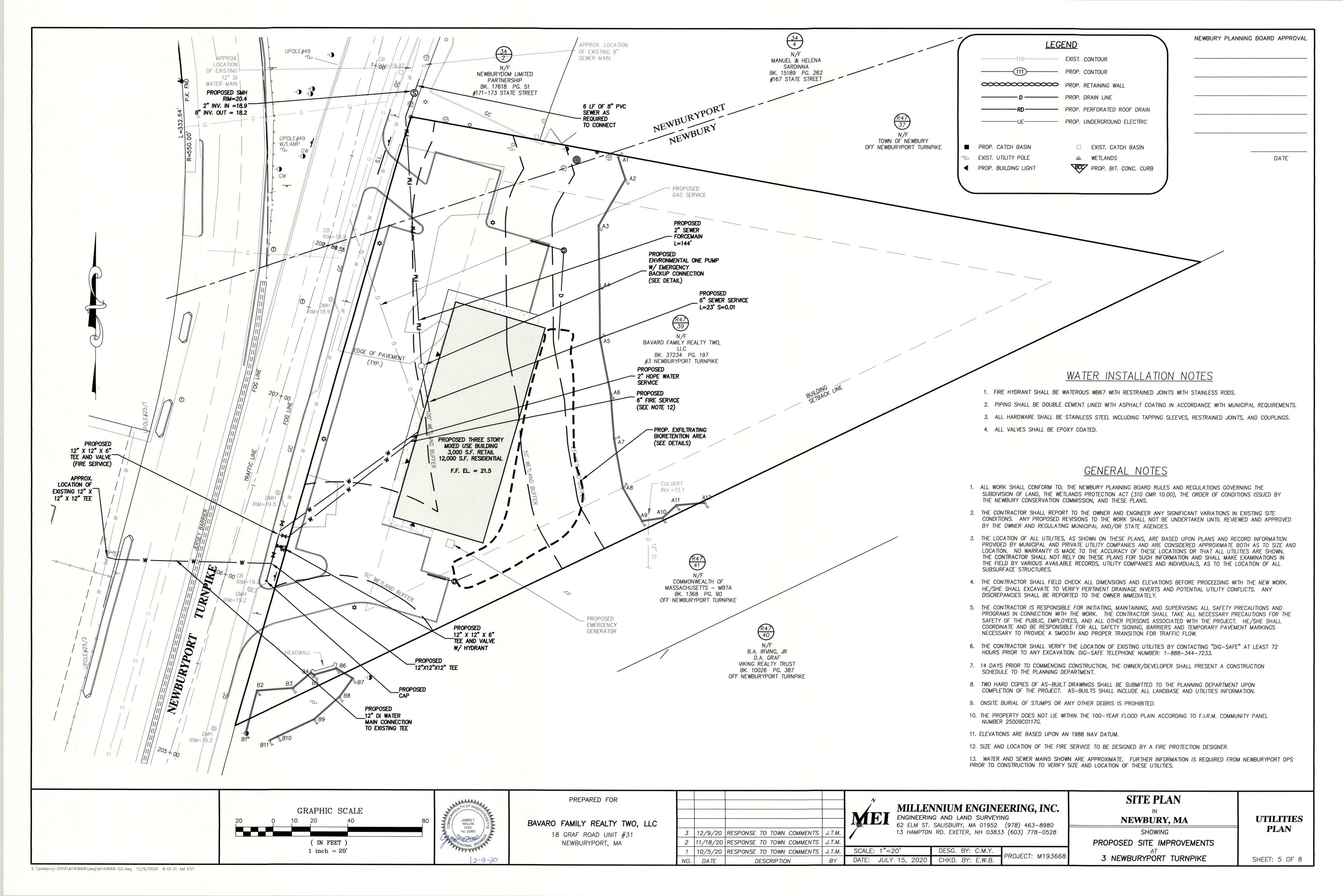
**COVER** SHEET

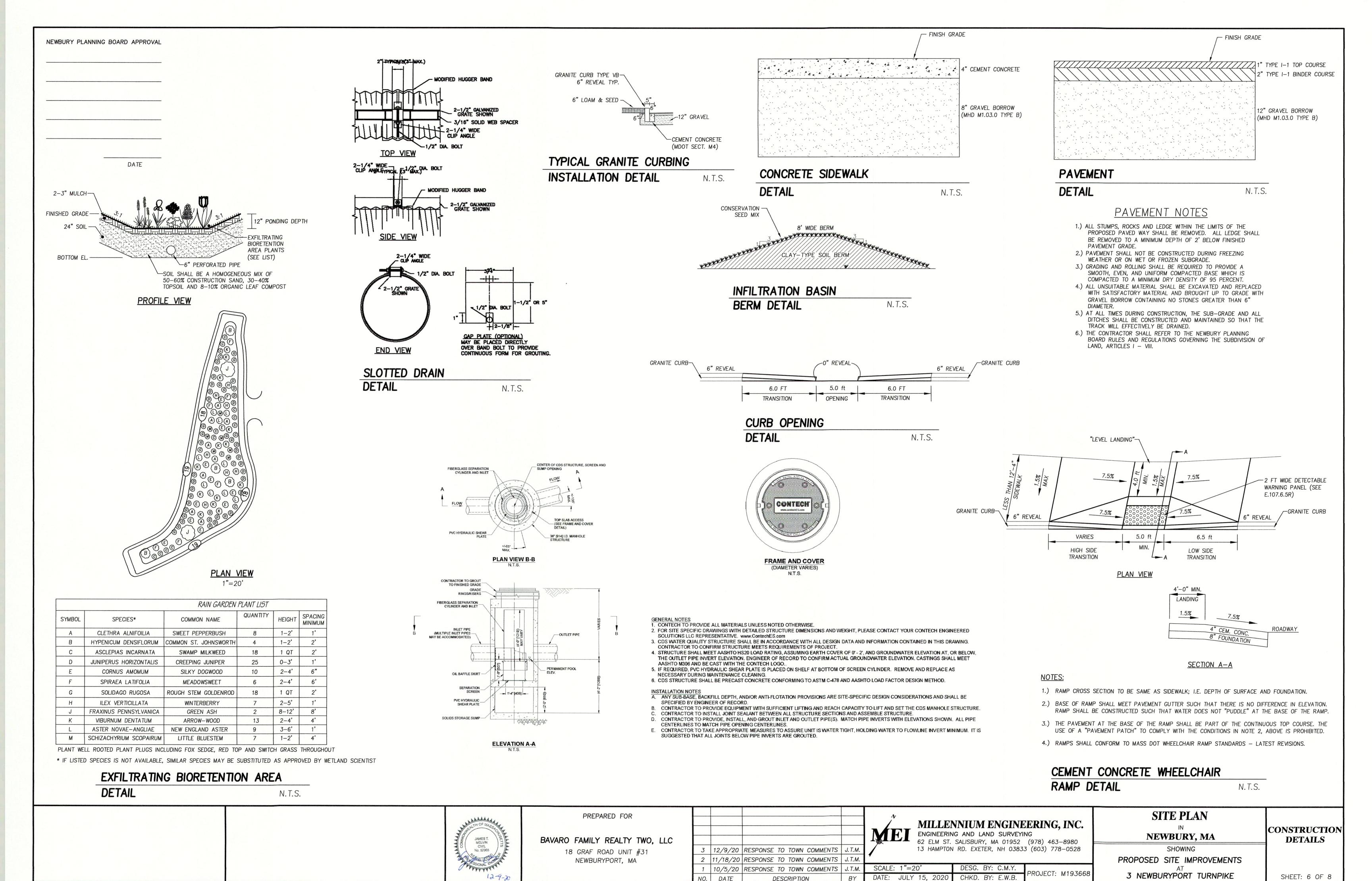
SHEET: 1 OF 8

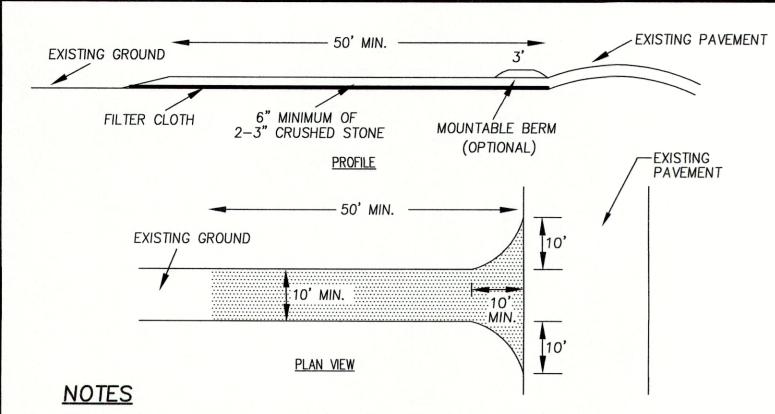












- 1. STONE SHALL BE 2-3" STONE, RECLAIMED STONE, OR RECYCLED CONCRETE
- 2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50'.

4. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO

- 3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6'
- PLACING THE STONE 5. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL. A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED
- FOR THE PIPE. 6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP-DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR
- TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED PROMPTLY. WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

### STABILIZED CONSTRUCTION

#### **ENTRANCE**

N.T.S.

## GENERAL EROSION CONTROL NOTES

- 1. ALL SILT FENCE SHALL BE INSTALLED BEFORE THE START OF CONSTRUCTION. SILT FENCE SHALL BE REMOVED UPON COMPLETION OF THE PROJECT AND STABILIZATION OF ALL SOIL
- ALL FILL SHALL BE FREE OF STUMPS AND LARGE STONES. LEDGE ENCOUNTERED ONSITE CAN BE GROUND UP TO A MAXIMUM 3" SIZE AND USED FOR FILL.
- ANY STANDING BODIES OF WATER CREATED DURING EXCAVATION SHALL BE ELIMINATED. 4. EROSION CONTROL BARRIERS SHALL BE INSPECTED WEEKLY AND AFTER EVERY 0.5" OF
- RAINFALL AND PROMPTLY REPAIRED OR REPLACED AS NECESSARY.
- 5. ACCUMULATED SEDIMENT DEPOSITS UPSTREAM OF BARRIERS SHALL BE PROPERLY DISPOSED OF ON A REGULAR BASIS
- AREAS OUTSIDE THE LIMITS OF WORK (EROSION CONTROL/SILT FENCE LOCATIONS) DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION AND/OR SEDIMENT CONTROLS DURING CONSTRUCTION. HE/SHE SHALL INSPECT CONTROLS WEEKLY AND AFTER ALL STORM EVENTS. REPAIRS, IF REQUIRED, SHALL BE MADE IMMEDIATELY.
- 8. TEMPORARY GROUND COVER SHALL BE ESTABLISHED IN AREAS OF CONSTRUCTION WHERE REQUIRED BY THE NEWBURY PLANNING BOARD AND CONSERVATION COMMISSION.
- 9. ANY DISTURBED AREAS OF THE SITE NOT USED FOR ROADWAY OR UTILITY CONSTRUCTION SHALL BE STABILIZED WITH LOAM AND SEED UNTIL FURTHER DISTURBANCE IS REQUIRED FOR BUILDING CONSTRUCTION.
- 10. AN AREA SHALL BE CONSIDERED STABILIZED IF ONE OF THE FOLLOWING HAS OCCURRED: BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED; A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED; A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED; OR EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- 11. THE CONTRACTOR SHALL IDENTIFY TO THE TOWN HIS/HER TOPSOIL STOCKPILING OPERATIONS AND LOCATIONS.
- 12. PROVIDE SILTSACK (OR APPROVED EQUAL) SEDIMENT FILTER AT ALL CATCH BASINS. 13. A MINIMUM OF 6" OF LOAM SHALL BE INSTALLED ON ALL DISTURBED UNPAVED SURFACES.
- 14. SEED MIX SHALL BE NO LESS THAN 4 LBS./1000 S.F. OF LAND AREA. SEED SHALL CONSIST OF A MAXIMUM OF 10% RYE GRASS AND A MINIMUM OF 90% PERMANENT BLUEGRASS AND/OR FESCUE. LIME SHALL BE APPLIED AT A RATE OF 2 TONS/ACRE.
- 15. NO MORE THAN 6 ACRES SHALL BE DISTURBED AT ONE TIME. ALL AREAS SHALL BE
- STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.
- 16. WHERE PLACEMENT OF FILL IS REQUIRED FOR THE CONSTRUCTED WETLAND, FILL SHALL BE PLACED IN AN UNFROZEN STATE UPON UNFROZEN GROUND.

## CONSTRUCTION **SEQUENCE**

- INSTALL SILT FENCE AT LIMIT OF WORK & STAKE OUT INFILTRATION BASIN.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS DEPICTED.
- CLEAR AND GRUB DEBRIS TO PHASE LINE AND DISPOSE OF PROPERLY. 4. STRIP, SCREEN AND STOCKPILE TOPSOIL. TOPSOIL CAN BE TEMPORARILY STOCKPILED ON SITE PROVIDING THAT THE PERIMETER OF THE STOCKPILES ARE PROPERLY STAKED WITH SILT FENCE AT THE TOE OF SLOPE.
- ROUGH GRADE INFILTRATION BASIN.
- GRADE PAVEMENT TO TOP OF SUBGRADE ELEVATIONS. ALL ROADWAYS MUST BE
- STABILIZED IMMEDIATELY AFTER GRADING.
- BEGIN BUILDING CONSTRUCTION. INSTALL UTILITIES/DRAINAGE STRUCTURES.
- 9. PLACE RIPRAP WHERE SHOWN ON PLANS. LOAM AND HYDROSEED SIDESLOPES AND ALL DISTURBED AREAS WITHIN 72 HOURS.
- 10. SPREAD, SHAPE, AND COMPACT PAVEMENT SUBBASE AS PER TYPICAL PAVEMENT SECTION TO ATTAIN FINAL DESIGN ELEVATIONS.
- 11. PERFORM BINDER COURSE PAVING.
- 12. LOAM AND HYDROSEED ANY DISTURBED SURFACES ALONG EDGES OF PAVEMENT AS REQUIRED.
- 13. PERFORM FINAL PAVING (TOP COURSE).

14. REMOVE EROSION CONTROL.

JAMES T. MELVIN CIVIL No. 52965

**EMERGENCY** 

SPILLWAY

RIP-RAP

 $d_{15} SIZE = 3"$ 

12" MINIMUM

APRON DEPTH

(TYP.)

BOTTOM OF POND

100 YEAR ELEV.

SLOPE 3:1

SLOPE 3:1

N.T.S.

FLOOR SLAB

# N.T.S.

PREPARED FOR

BAVARO FAMILY REALTY TWO, LLC 18 GRAF ROAD UNIT #31 NEWBURYPORT, MA

3 | 12/9/20 | RESPONSE TO TOWN COMMENTS | J.T.M. 2 | 11/18/20 | RESPONSE TO TOWN COMMENTS | J.T.M. SCALE: 1"=20' 10/5/20 RESPONSE TO TOWN COMMENTS J.T.M. DATE: JULY 15, 2020 DATE DESCRIPTION

TEST PIT #01-20

EL. = 18.5

FILL

LOAMY SAND

M/C SAND

ESHWT = 30" = 16.0

TEST PIT #04-20

EL. = 18.5

FILL

LOAMY SAND

C<sub>1</sub>

M/C SAND

ESHWT = 32" = 15.8

TEST PIT #02-20

EL. = 18.5

FILL

LOAMY SAND

MEDIUM SAND

ESHWT = 30" = 16.0

TEST PIT #05-20

EL. = 18.0

FILL

M/C SAND

ESHWT = 30" = 15.5

TEST PIT #03-20

EL. = 18.0

FILL

LOAMY SAND

MEDIUM SAND

ESHWT = 28" = 15.7

**NOTES** 

SHAPE AND PLACE BACK IN THE BASIN.

SILT SACK

DETAIL

5. SILTSACK IS REUSABLE. ONCE THE CONSTRUCTION CYCLE IS COMPLETE, REMOVE SILTSACK FROM THE

BASIN AND CLEAN. SILTSACK SHOULD BE STORED OUT OF SUNLIGHT UNTIL NEXT USE.

REBAR FOR BAG

MILLENNIUM ENGINEERING, INC. ENGINEERING AND LAND SURVEYING

62 ELM ST. SALISBURY, MA 01952 (978) 463-8980

DESG. BY: C.M.Y.

CHKD. BY: E.W.B.

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

ROJECT: M193668

N.T.S. PLAN OF LAND NEWBURY, MA

CONSTRUCTION **DETAILS** 

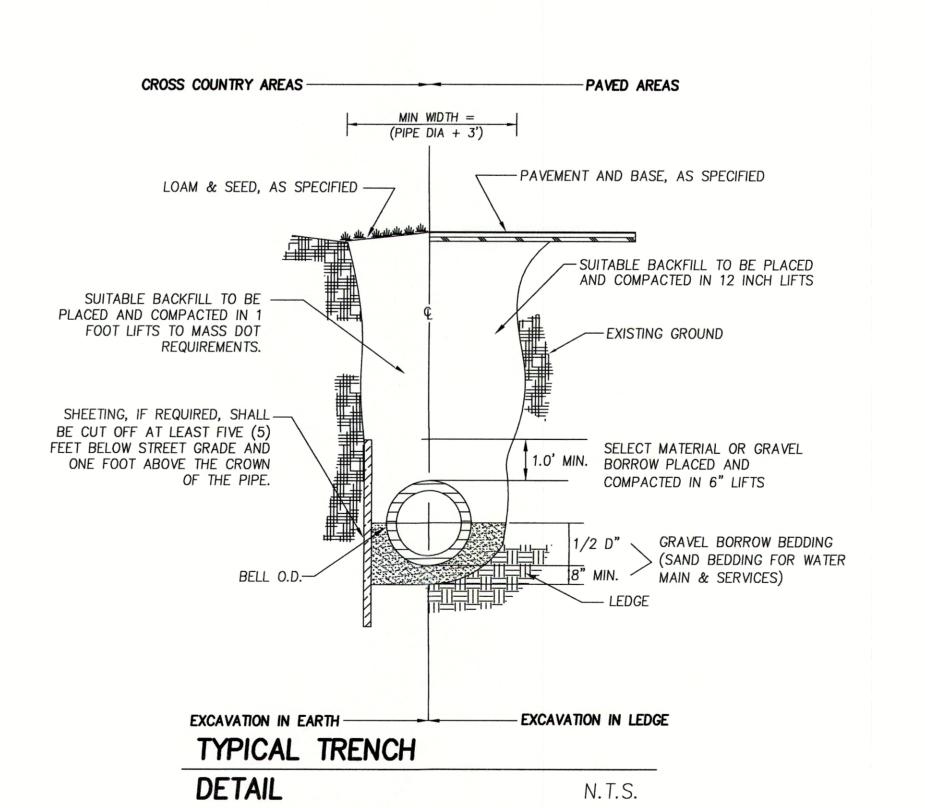
SHOWING PROPOSED SITE IMPROVEMENTS 3 NEWBURYPORT TURNPIKE

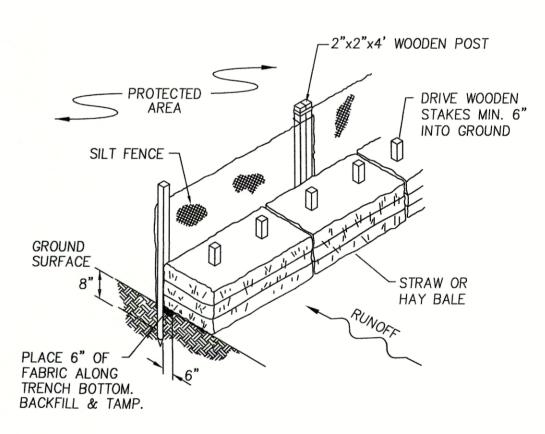
REMOVAL FROM INLET (REBAR NOT INCLUDED) OPTIONAL OVERFLOW SILTSACK DUMP LOOPS (REBAR NOT INCLUDED) DATE SIDE VIEW INSTALLED INSTALLATION DETAIL 1. TO INSTALL SILTSACK IN THE CATCH BASIN, REMOVE THE GRATE AND PLACE THE SACK IN THE OPENING. HOLD APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME. THIS IS THE AREA OF THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, SILTSACK IS FULL AND SHOULD BE EMPTIED. 3. TO REMOVE SILTSACK, TAKE TWO PIECES OF 1" DIAMETER REBAR AND PLACE THROUGH THE LIFTING LOOPS ON EACH SIDE OF THE SACK TO FACILITATE THE LIFTING OF SILTSACK. 4. TO EMPTY SILTSACK, PLACE UNIT WHERE THE CONTENTS WILL BE COLLECTED. PLACE THE REBAR THROUGH THE LIFT STRAPS (CONNECTED TO THE BOTTOM OF THE SACK) AND LIFT. THIS WILL LIFT SILTSACK FROM THE BOTTOM AND EMPTY THE CONTENTS. CLEAN OUT AND RINSE. RETURN SILTSACK TO ITS ORIGINAL

N.T.S.

**OPENING** 

NEWBURY PLANNING BOARD APPROVAL





#### **NOTES**

- 1. POSTS SHALL BE DOUBLED AND COUPLED AT FILTER CLOTH SEAMS.
- 2. FILTER CLOTH TO BE FASTENED SECURELY TO SUPPORT NETTING WITH TIES SPACED EVERY 24" AT TOP, MID SECTION, AND BOTTOM.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.

#### **MAINTENANCE**

- 1. SILT FENCE SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- 2. IF THE FABRIC ON THE SILT FENCE SHALL DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- 3. SEDIMENT DEPOSITS SHALL BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.

4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE/ HAYBALE INSTALLATION

TYPICAL SPILLWAY

PLAN VIEW

GUTTER OVERFLOW

(INVERTED WYE)

**GUTTER DOWN** 

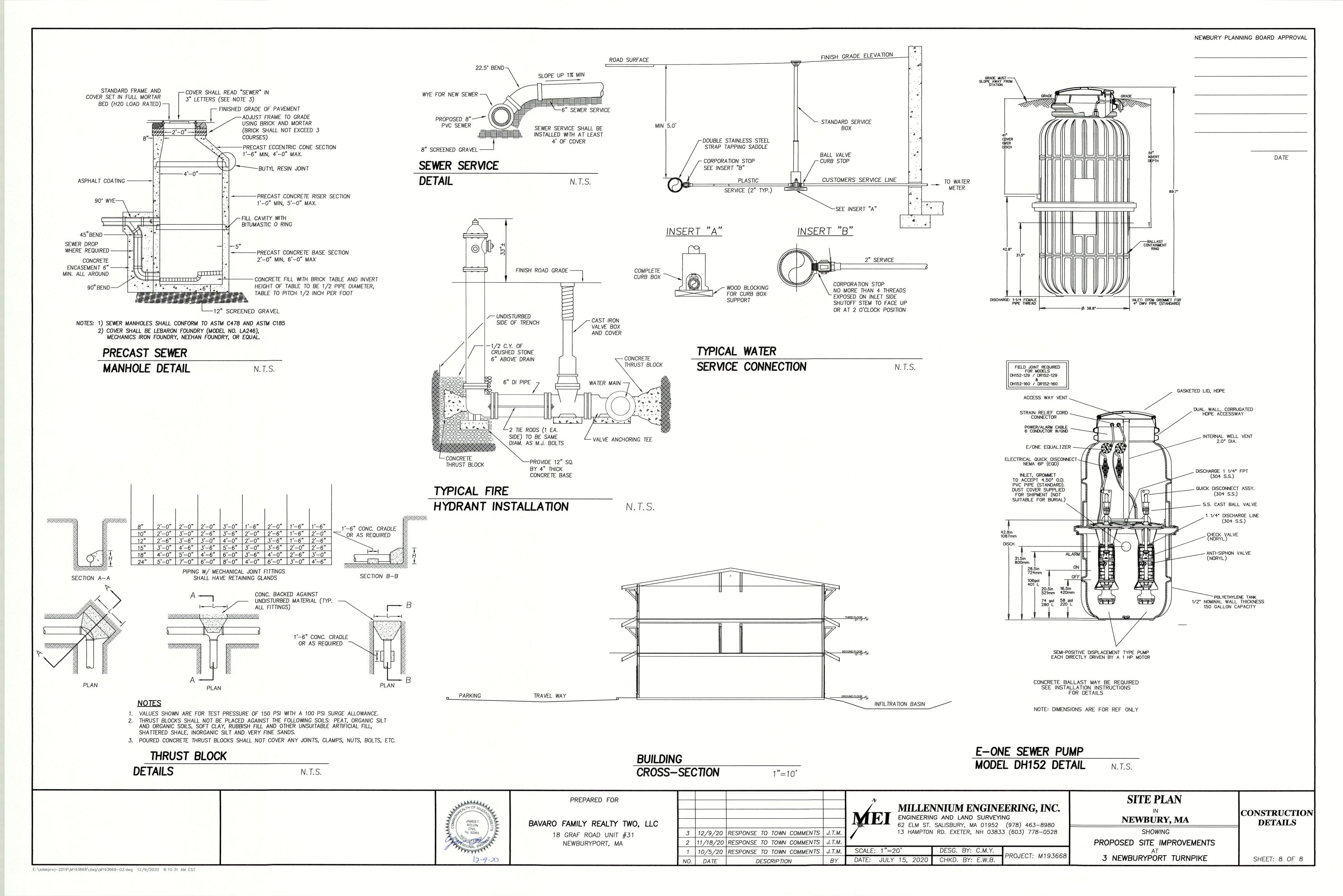
SPOUT DETAIL

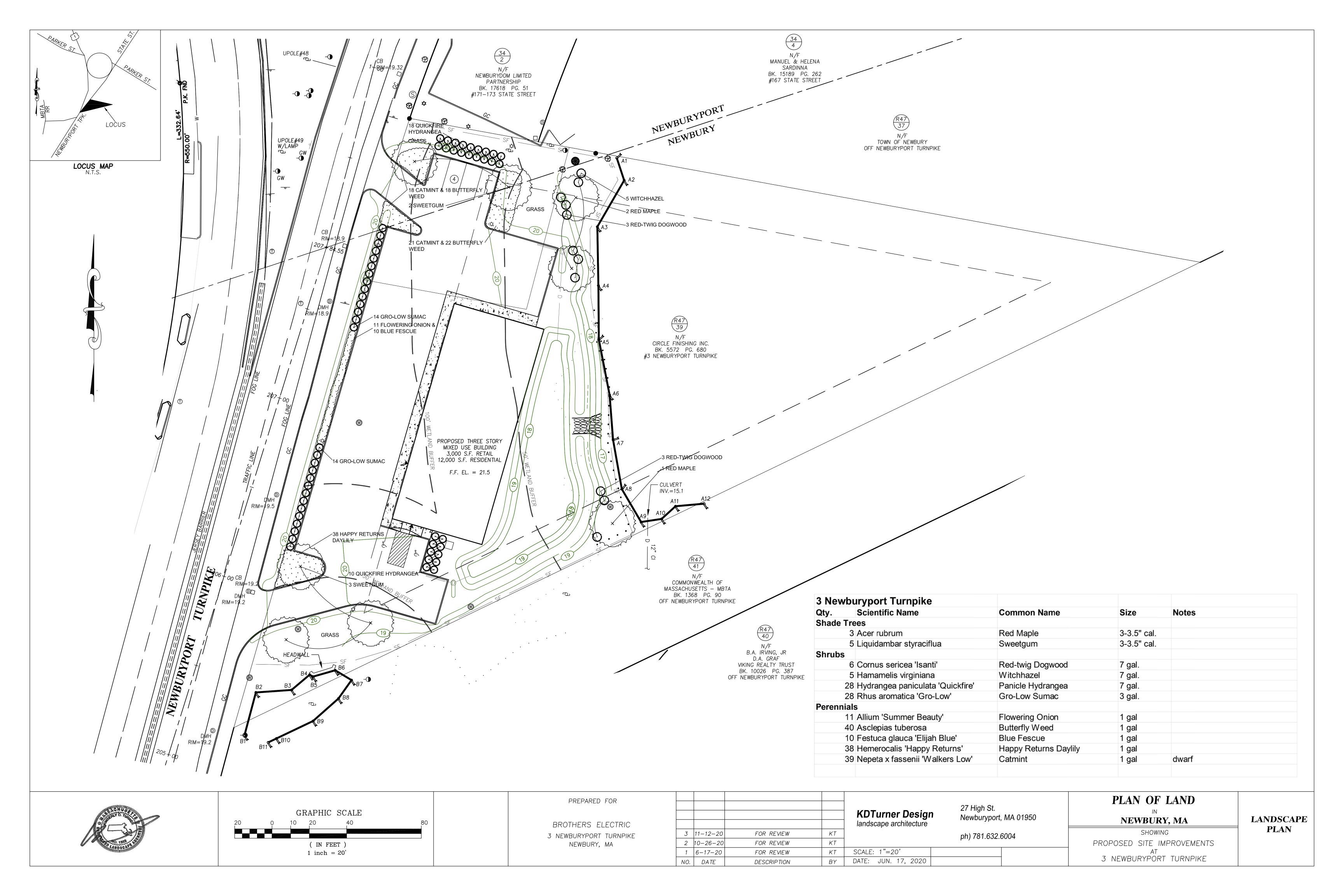
PARKING LC

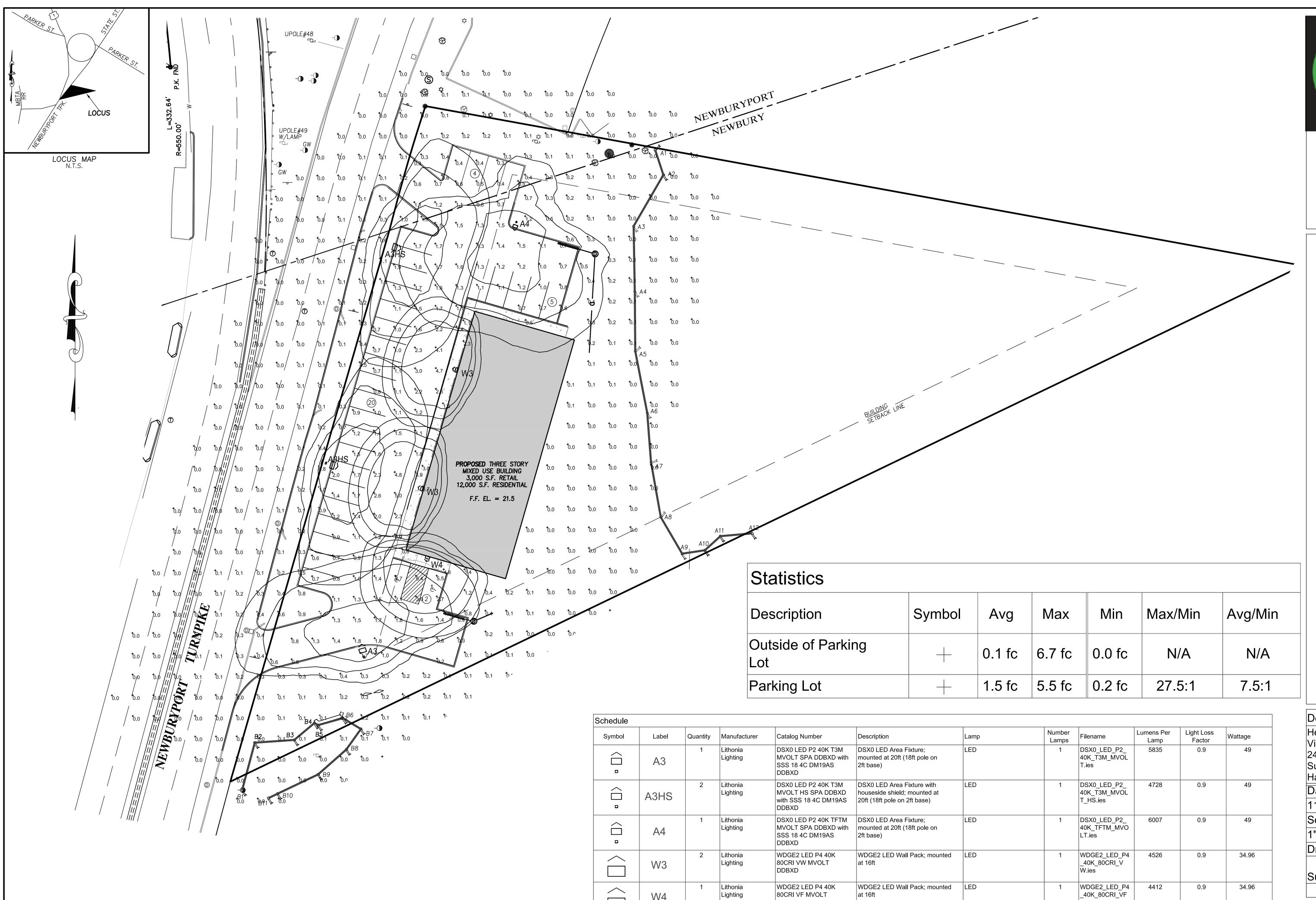
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SHEET: 7 OF 8







DDBXD

Site Lighting Layout
At
NEWBURYPORT TURNPIKE

Designer
Heidi G. Connors
Visible Light, Inc.
24 Stickney Terrace
Suite 6
Hampton, NH 03842

Date
11/16/2020

Scale
1"=20'
Drawing No.

E-1