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

PROPOSED SITE PLAN FOR 3 NEWBURYPORT TURNPIKE

NEWBURY, MA

ZONING TABLE OCTOBER 2020 3 NEWBURYPORT TURNPIKE - ASSESSORS MAP R47 LOTS 38 AND 39 REQUIRED **EXISTING** PROPOSED NEWBURYPORT_____ LOT AREA: 40,000 S.F. 72,774 S.F. 72,774 S.F. LOT FRONTAGE: 200 FT. 277.05 FT. 277.05 FT. FRONT SETBACK: 50 FT. 50.5 FT. SIDE SETBACK: 25 FT. 30.7 FT. REAR SETBACK: 25 FT. ** NA LOT COVERAGE: 50% (MAX) 29.8% OPEN SPACE: BLDG HEIGHT: 35 FT 35 FT. 1. THIS SITE IS LOCATED WITHIN THE WATER SUPPLY PROTECTION OVERLAY DISTRICT

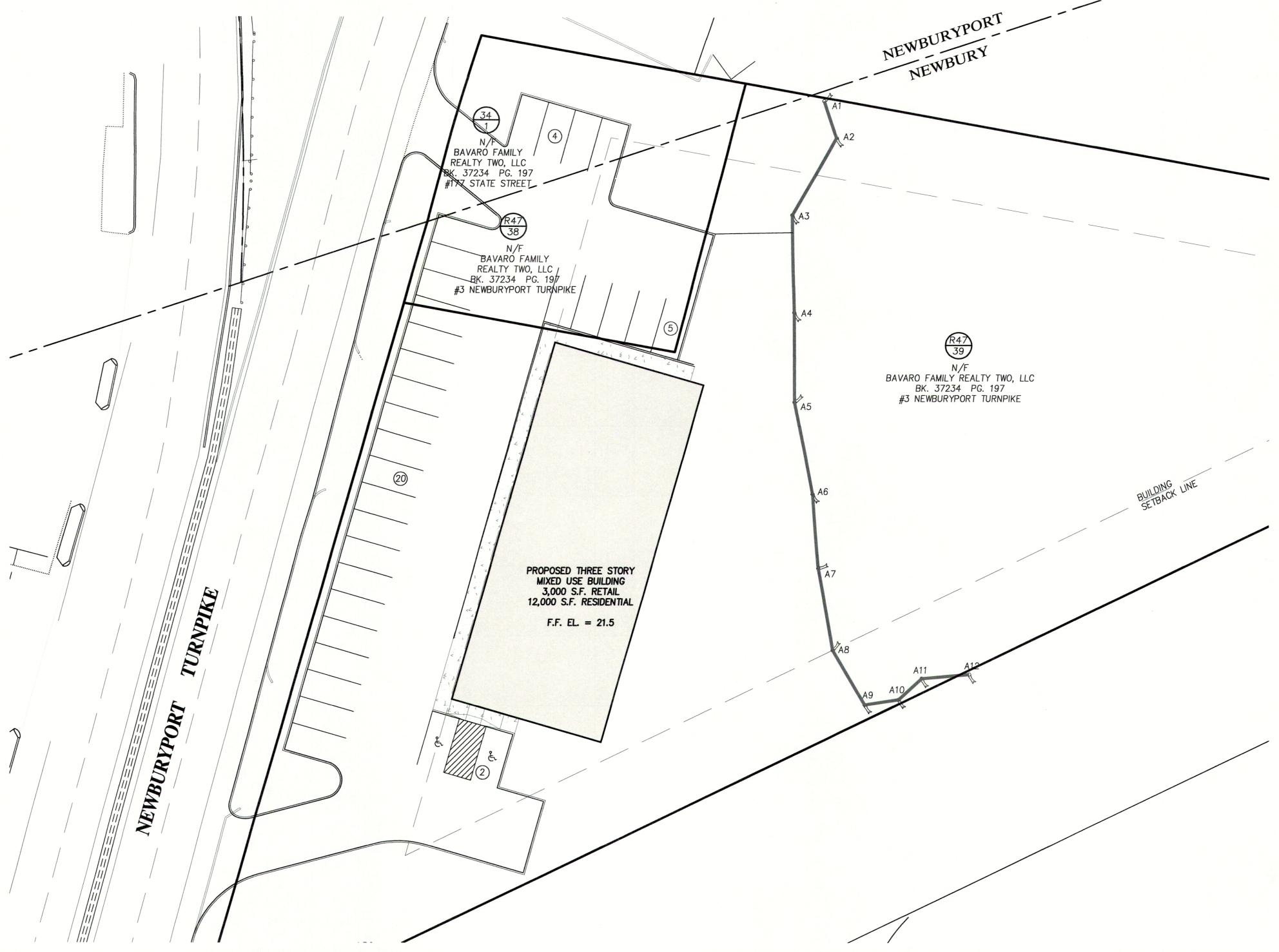
ZONING TABLE

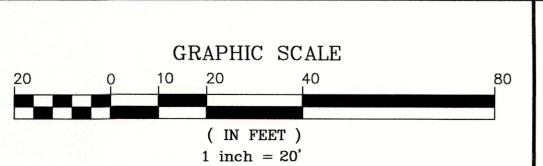
NEWBURY PLANNING BOARD APPROVAL

DATE

	REQUIRED	EVICTING	PROPOSED
	REQUIRED	EXISTING	PROPUSED
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.	**	**

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







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

NEWBURYPORT, MA

PREPARED FOR

4 12/30/20 RESPONSE TO TOWN COMMENTS J.T.M. 3 | 12/9/20 | RESPONSE TO TOWN COMMENTS 2 | 11/18/20 | RESPONSE TO TOWN COMMENTS SCALE: 1"=20' 1 10/5/20 RESPONSE TO TOWN COMMENTS J.T.M. DATE: JULY 15, 2020 NO. DATE DESCRIPTION

MILLENNIUM ENGINEERING, INC.

CHKD. BY: E.W.B.

62 ELM ST. SALISBURY, MA 01952 (978) 463-8980 13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

PROPOSED SITE IMPROVEMENTS PROJECT: M193668 3 NEWBURYPORT TURNPIKE

SITE PLAN

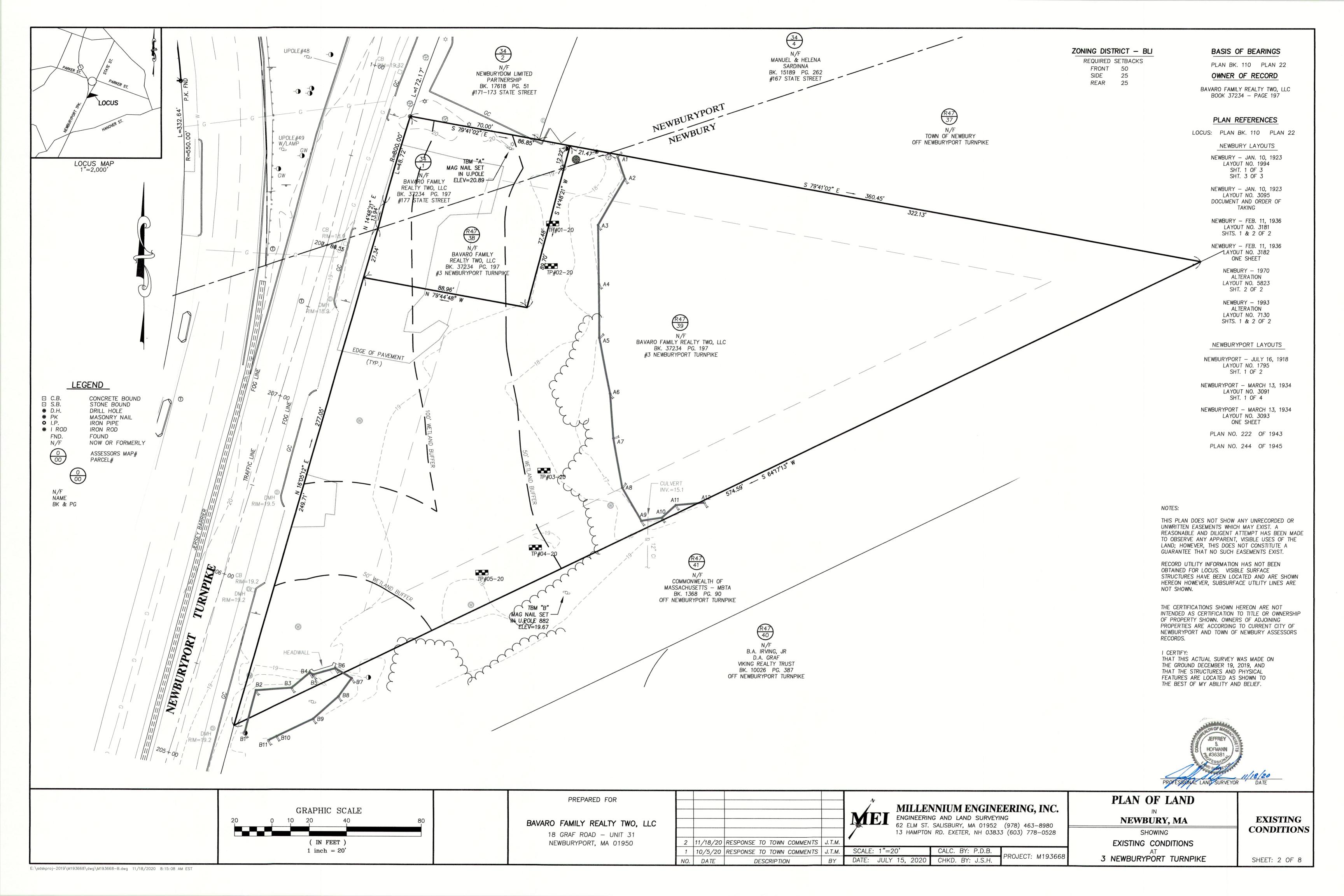
NEWBURY, MA

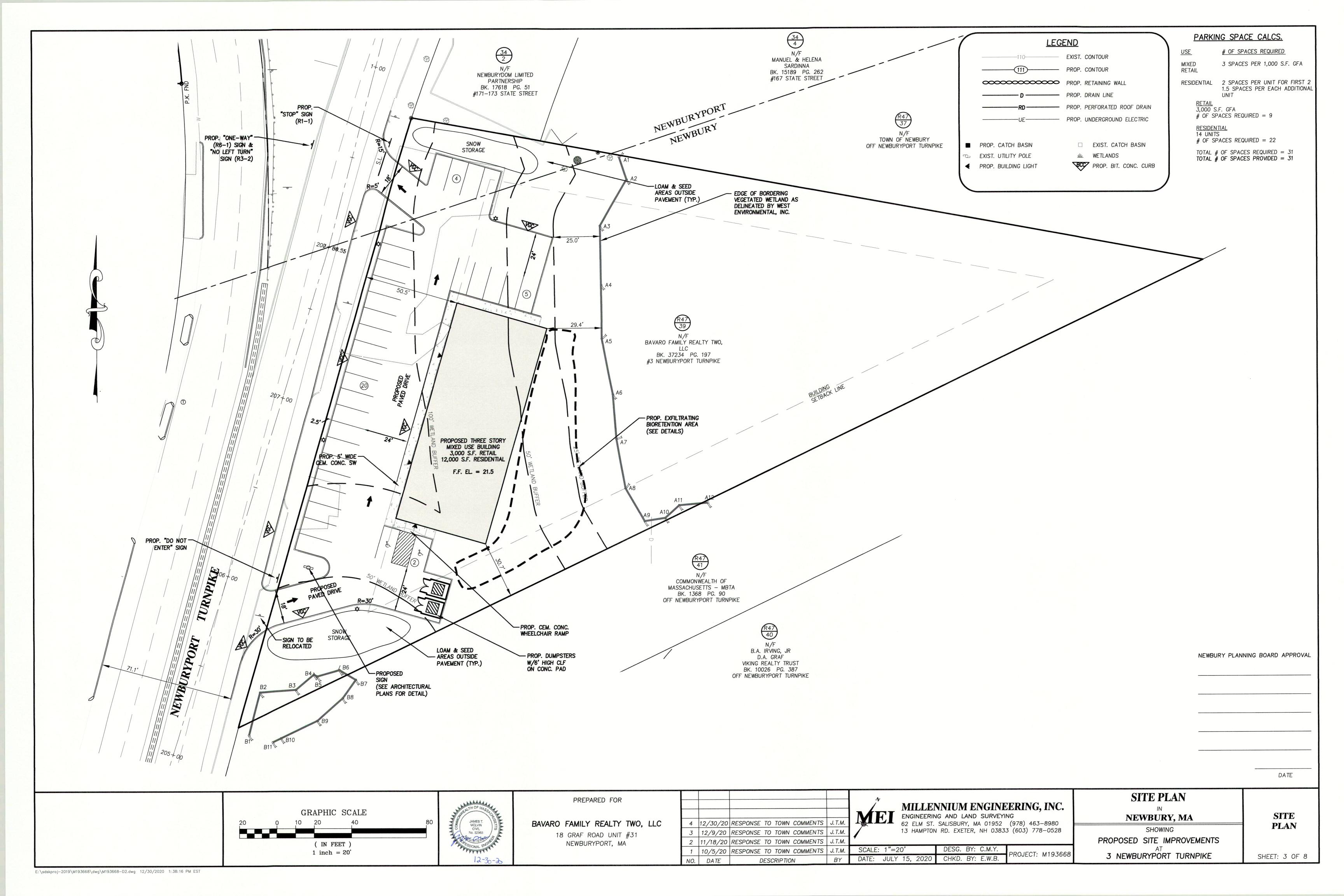
SHOWING

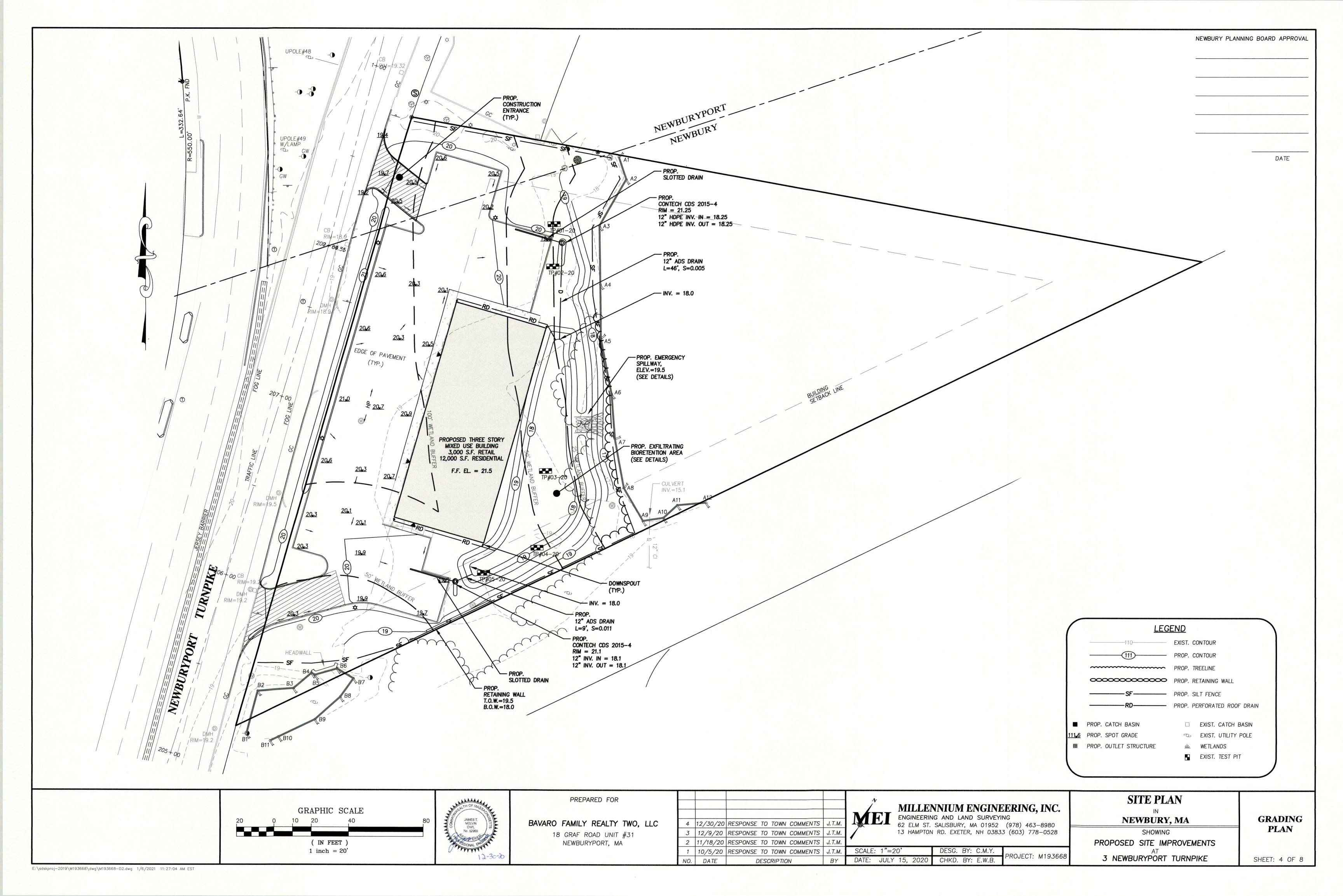
COVER SHEET

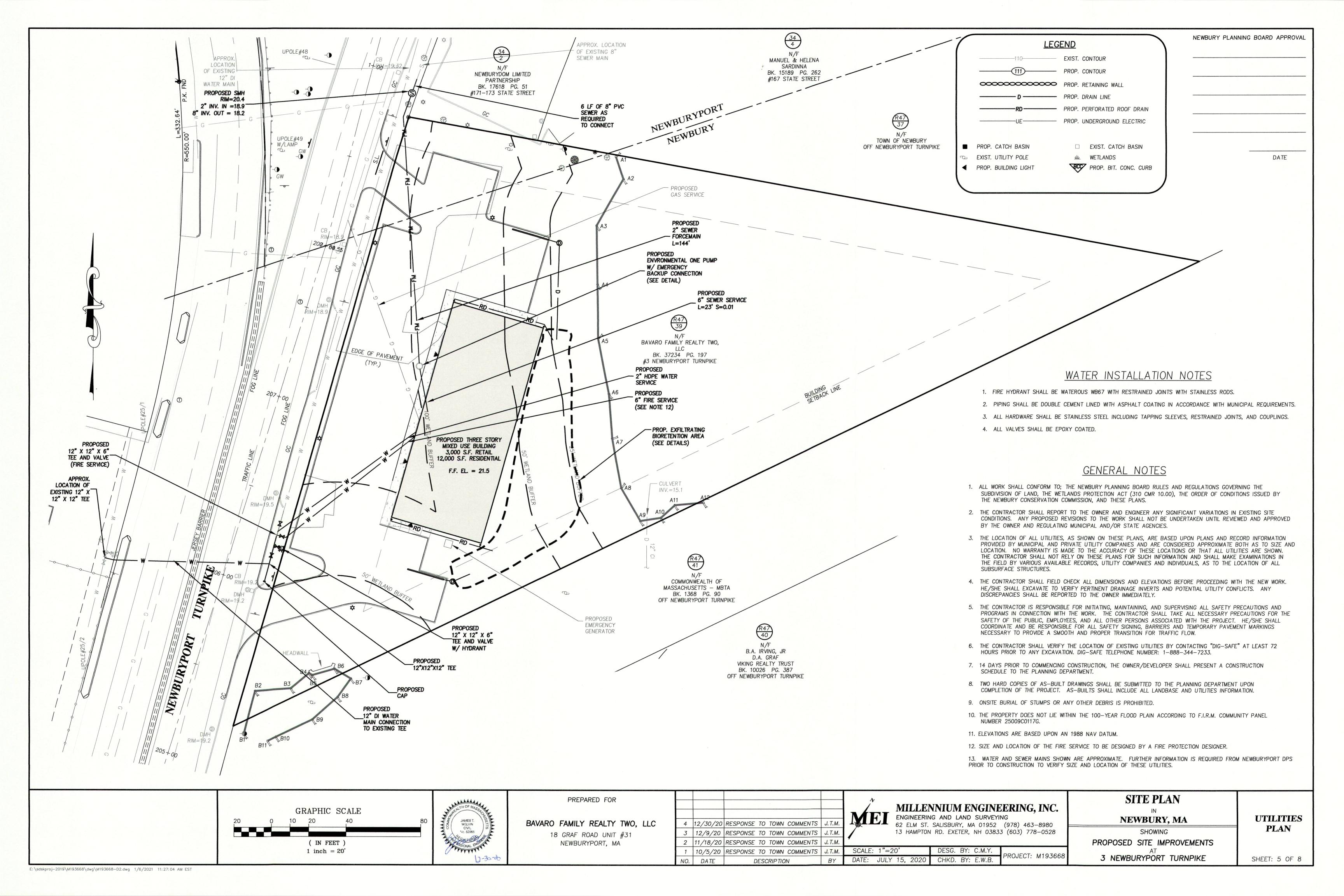
SHEET: 1 OF 8

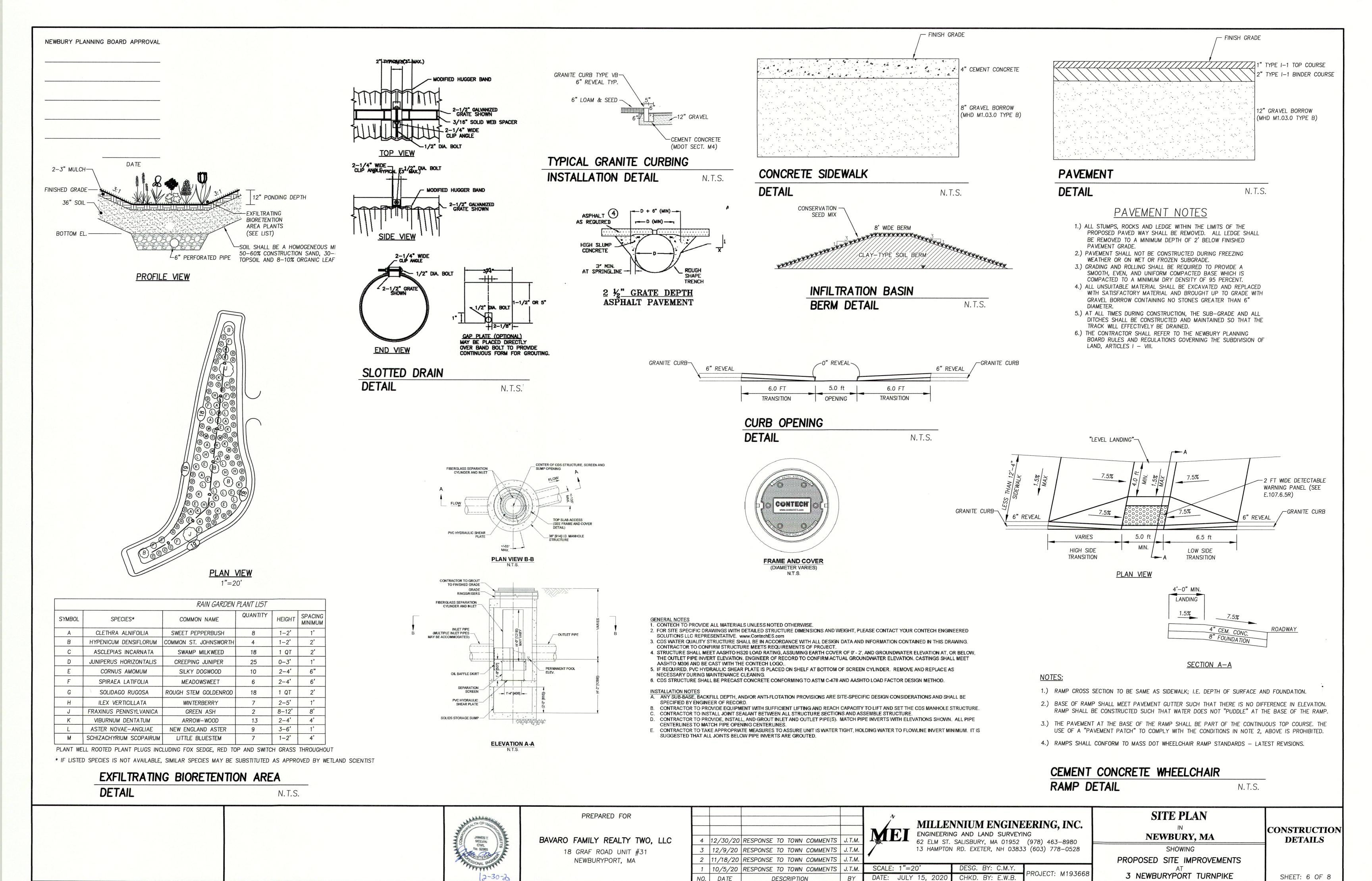
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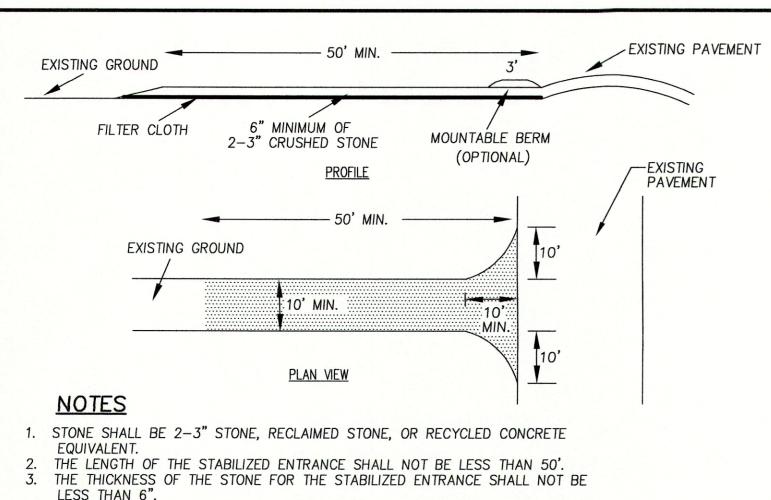








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- 4. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED
- 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.

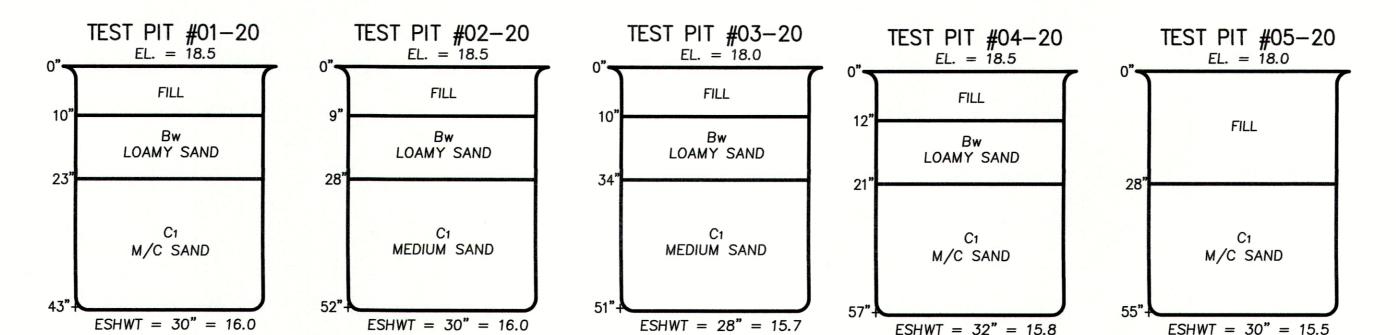
GENERAL EROSION CONTROL NOTES

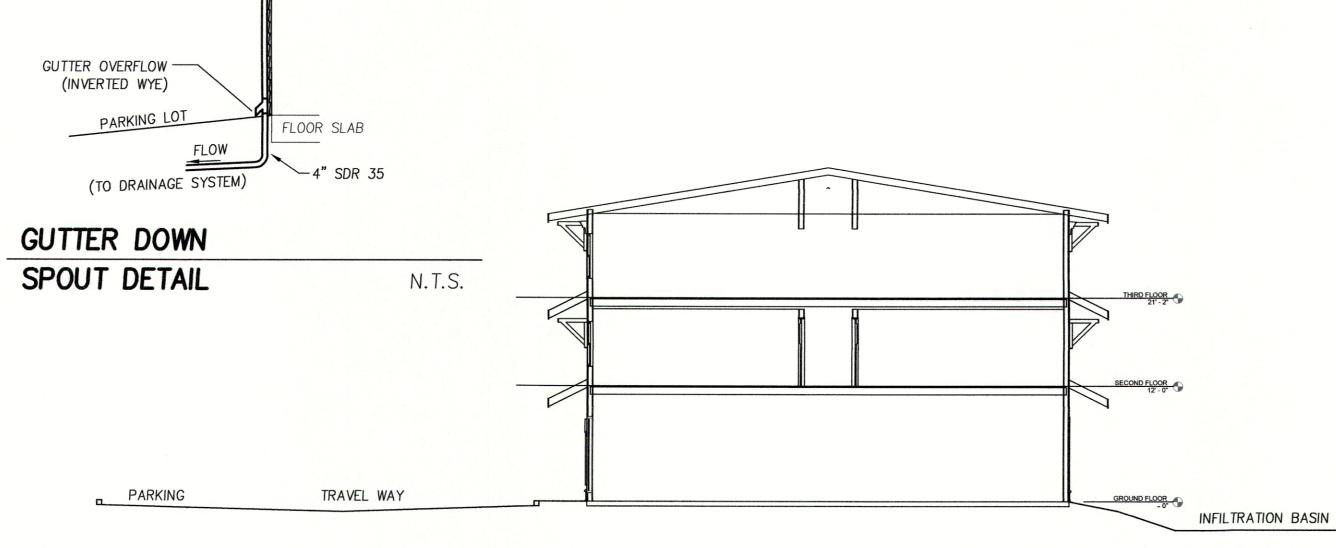
- 1. ALL SILT FENCE SHALL BE INSTALLED BEFORE THE START OF CONSTRUCTION. SILT FENCE SHALL BE REMOVED UPON COMPLETION OF THE PROJECT AND STABILIZATION OF ALL SOIL. 2. ALL FILL SHALL BE FREE OF STUMPS AND LARGE STONES. LEDGE ENCOUNTERED ONSITE CAN BE
- GROUND UP TO A MAXIMUM 3" SIZE AND USED FOR FILL. 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. 6. 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. 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.
- 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.

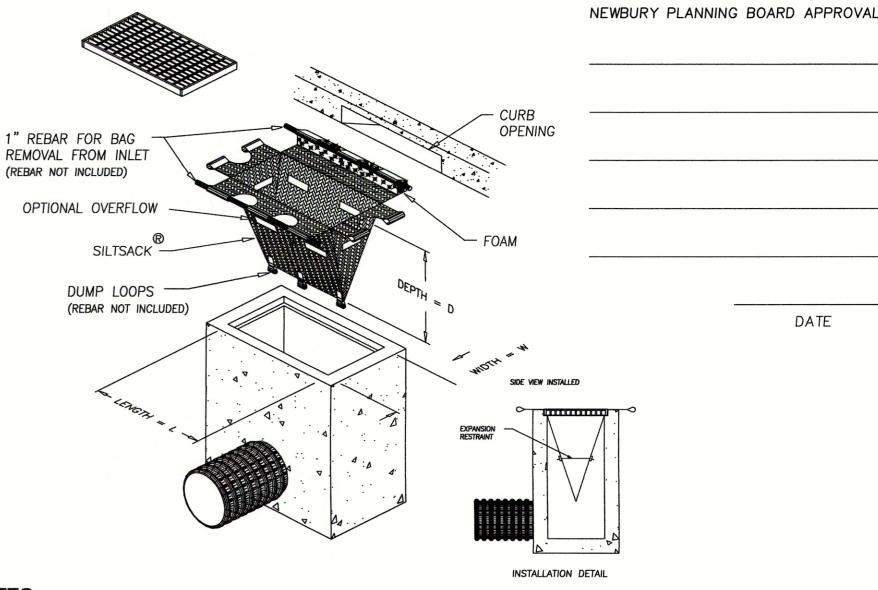
CONSTRUCTION **SEQUENCE**

LIME SHALL BE APPLIED AT A RATE OF 2 TONS/ACRE.

- 1. 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. 6. GRADE PAVEMENT TO TOP OF SUBGRADE ELEVATIONS. ALL ROADWAYS MUST BE
- STABILIZED IMMEDIATELY AFTER GRADING.
- BEGIN BUILDING CONSTRUCTION. 8. 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.







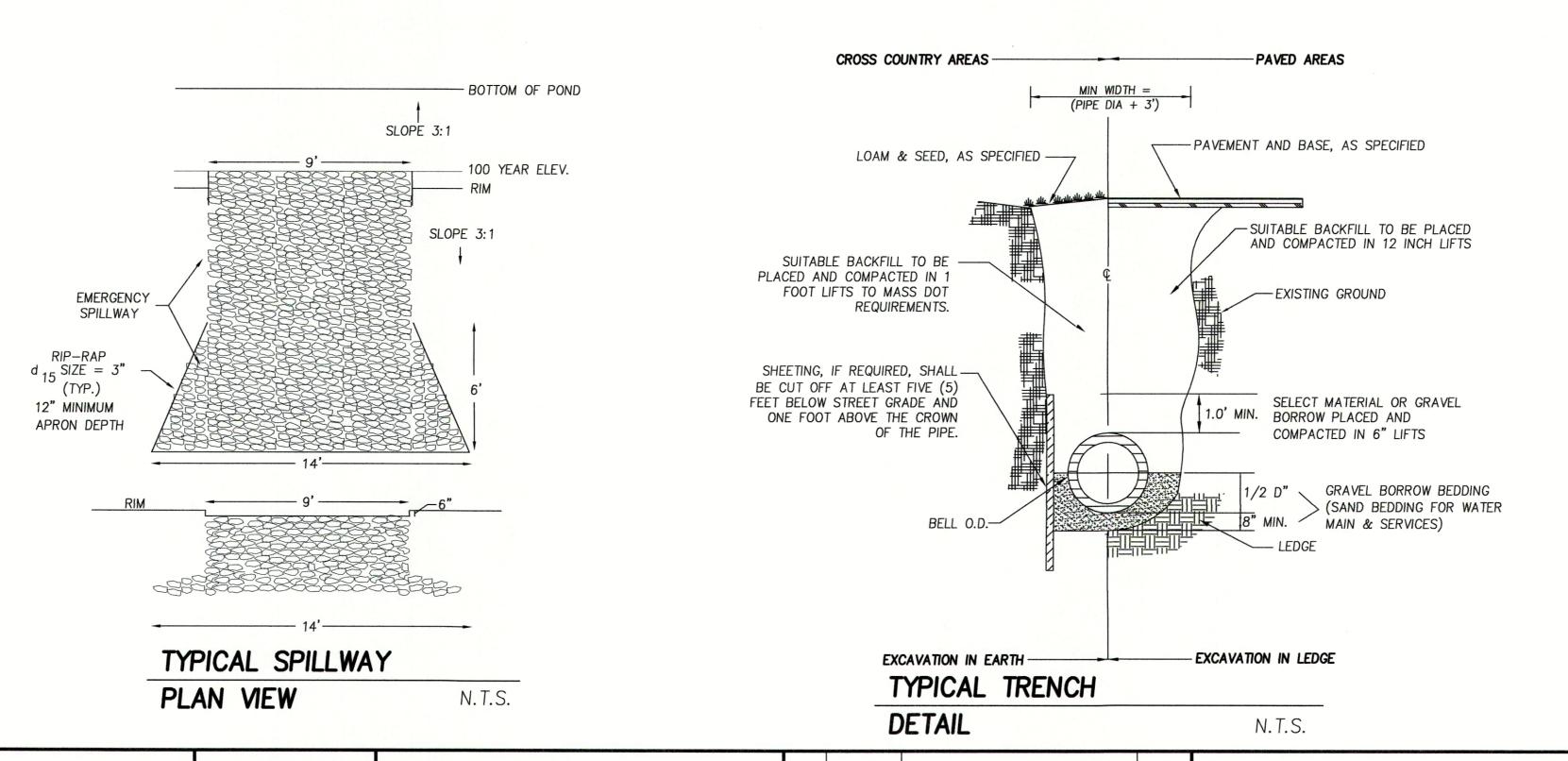
NOTES

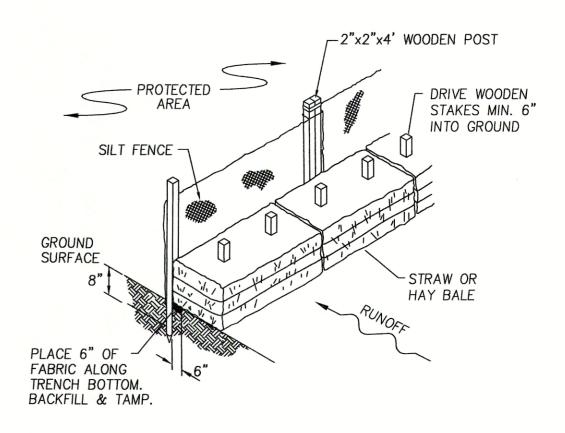
- 1. TO INSTALL SILTSACK IN THE CATCH BASIN, REMOVE THE GRATE AND PLACE THE SACK IN THE OPENING. HOLD APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME. THIS IS THE AREA OF THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
- WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, SILTSACK IS 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 SHAPE AND PLACE BACK IN THE BASIN.
- 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.

SILT SACK

DETAIL

BUILDING CROSS-SECTION 1"=10'





N.T.S.

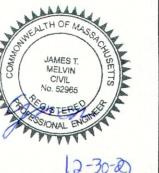
NOTES

- 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 N.T.S.



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

PREPARED FOR

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MILLENNIUM ENGINEERING, INC. ENGINEERING AND LAND SURVEYING 62 ELM ST. SALISBURY, MA 01952 (978) 463-8980

DESG. BY: C.M.Y.

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

PLAN OF LAND **NEWBURY. MA** SHOWING PROPOSED SITE IMPROVEMENTS ROJECT: M193668 3 NEWBURYPORT TURNPIKE

CONSTRUCTION **DETAILS**

SHEET: 7 OF 8

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