

LOCUS MAP
N.T.S.

SITE PLAN FOR 66 ELM STREET IN SALISBURY, MA

AUGUST 2022

SALISBURY PLANNING BOARD

DATE

PLAN INDEX

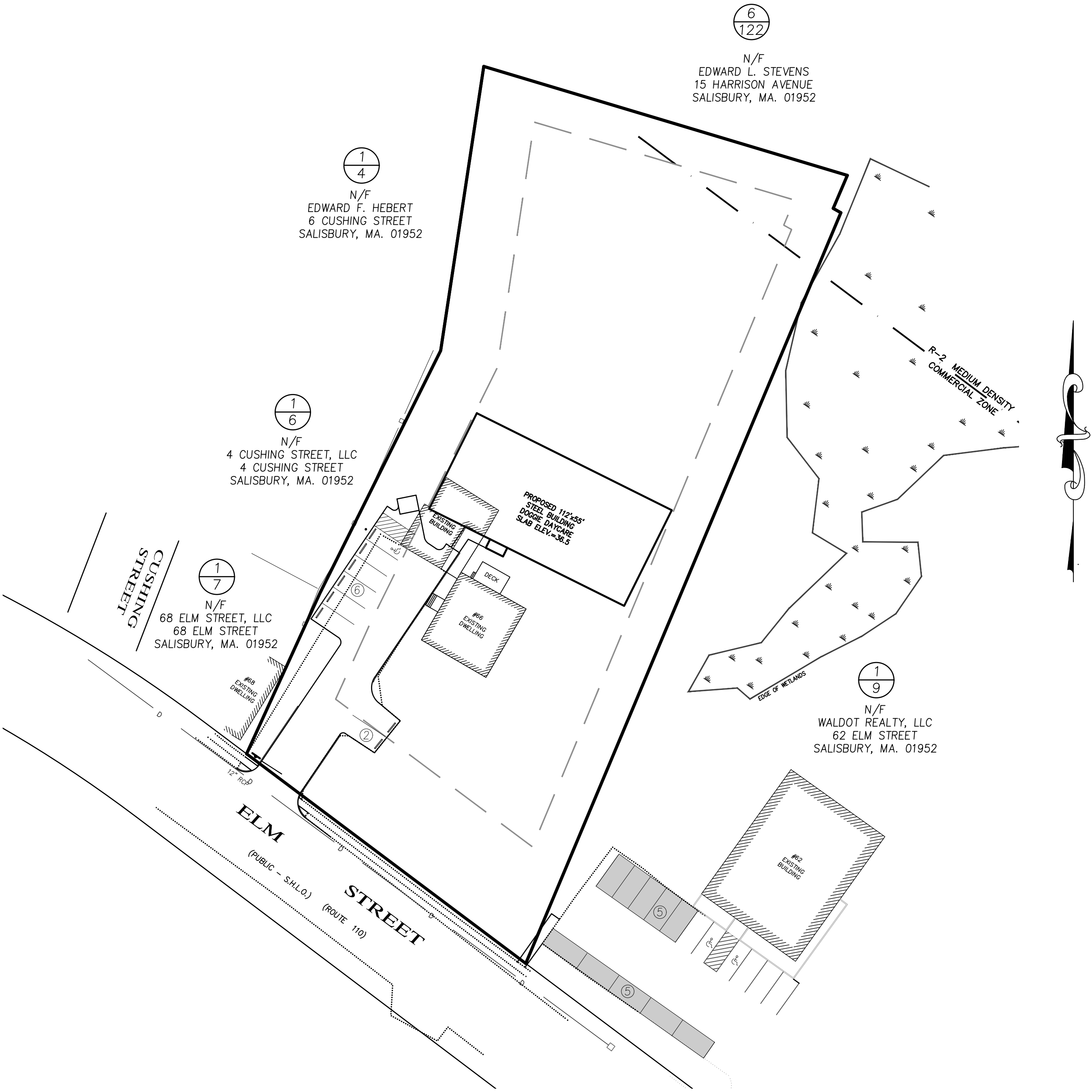
SHEET NO.	TITLE
1	COVER SHEET
2	LEGEND
3	EXISTING CONDITIONS
4	SITE PLAN
5	GRADING AND DRAINAGE PLAN
6	UTILITIES PLAN
7	EROSION AND SEDIMENTATION PLAN
8-9	CONSTRUCTION DETAILS

RECORD OWNER/APPLICANT:

CARLYN CAPOLUPO
66 ELM STREET
SALISBURY, MA 01952

CIVIL ENGINEER:

MILLENNIUM ENGINEERING, INC.
62 ELM STREET
SALISBURY, MA 01952

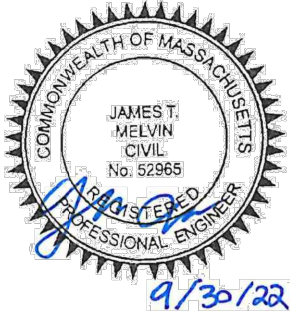
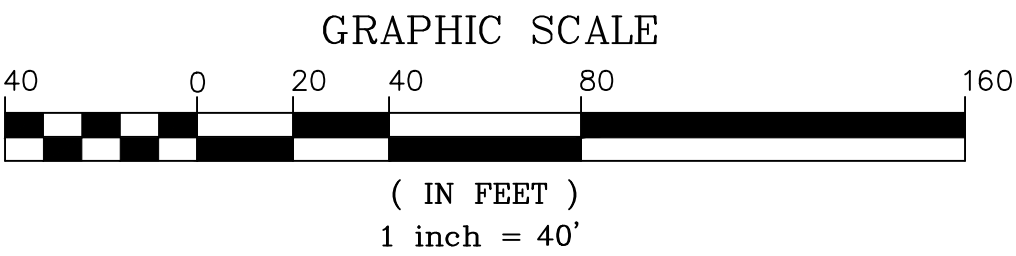


ZONING TABLE

66 ELM STREET - ASSESSORS MAP 1 LOT 8 ZONING DISTRICT - COMMERCIAL (C1)			
	REQUIRED	EXISTING	PROPOSED
LOT AREA:	21,780 S.F.	70,604 S.F.	70,604 S.F.
LOT FRONTAGE:	100'	179.59'	179.59'
FRONT SETBACK:	50'	100.8'	100.8'
SIDE SETBACK:	20' COM. / 30' RES.	70.4' / *25.9'	21.0' / 31.0'
REAR SETBACK:	20'	208.1'	171.9'
LOT COVERAGE:	25%	4.1%	11.3%
BLDG HEIGHT:	< 35'	< 35'	<35'

* REPRESENTS A PRE-EXISTING NON-CONFORMITY

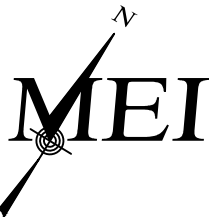
** FOR ADDITIONAL INFORMATION ON THE PROPOSED STRUCTURE SEE ARCHITECTURAL PLAN SET SUBMITTED WITH THE BUILDING PERMIT APPLICATION



PREPARED FOR

CARLYN CAPOLUPO
66 ELM STREET
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
2	9/28/22	RESPONSE TO PEER REVIEW	J.T.M.
1	9/8/22	RESPONSE TO TOWN COMMENTS	J.T.M.



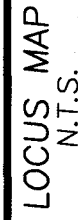
MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=40'	CALC. BY: J.T.M.	PROJECT: M203703
DATE: AUG. 12, 2022	CHKD. BY: E.W.B.	

SITE PLAN
IN
SALISBURY, MA
AT
66 ELM STREET

COVER
SHEET

SHEET: 1 OF 9



ZONING TABLE

WETLANDS DELINEATED BY WEST
ENVIRONMENTAL, INC.
NOTTINGHAM, NH

DATUM NOTE

OWNER OF RECORD

DATUM NOTE
N.A.V.D. - 1988

100 LOW STREET
SALISBURY, MA 01952
BK. 35816 PG. 390

1912 & 1920 STATE HIGHWAY LAYOUTS

PLAN 73 OF 1929
PLAN 957 OF 1956
PLAN 502 OF 1966
PLAN BOOK 143 PLAN 1
PLAN BOOK 298 PLAN 4
PLAN BOOK 308 PLAN 1


I CERTIFY: THAT THIS ACTUAL SURVEY WAS MADE ON THE GROUND BETWEEN APRIL 29, 2020, AND MAY 4, 2020, AND THAT THE STRUCTURES AND PHYSICAL FEATURES ARE LOCATED AS SHOWN TO THE BEST OF MY ABILITY AND BELIEF.

WETLAND DELINEATED BY:
WEST ENVIRONMENTAL, INC.
48 STEVENS HILL ROAD
NOTTINGHAM, NH. 03290
(603) 734-4298
(DELINEATED ON: APRIL, 2020)

(DELINEATED ON: APRIL, 2020)

PREPARED FOR
CARLYN CAPOLUPO
66 ELM STREET
SALISBURY, MA

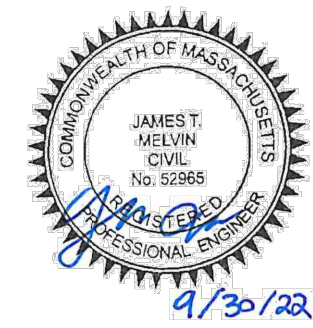
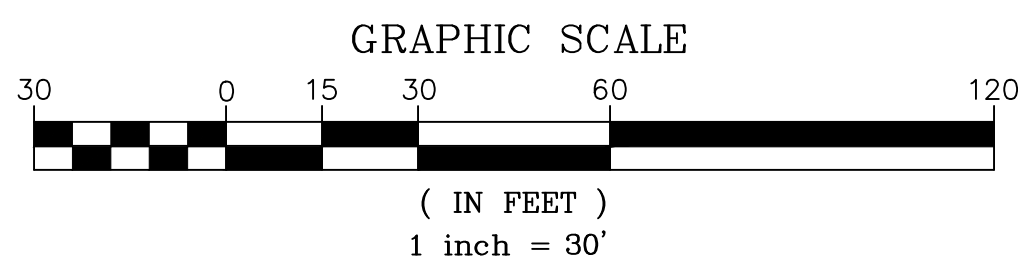
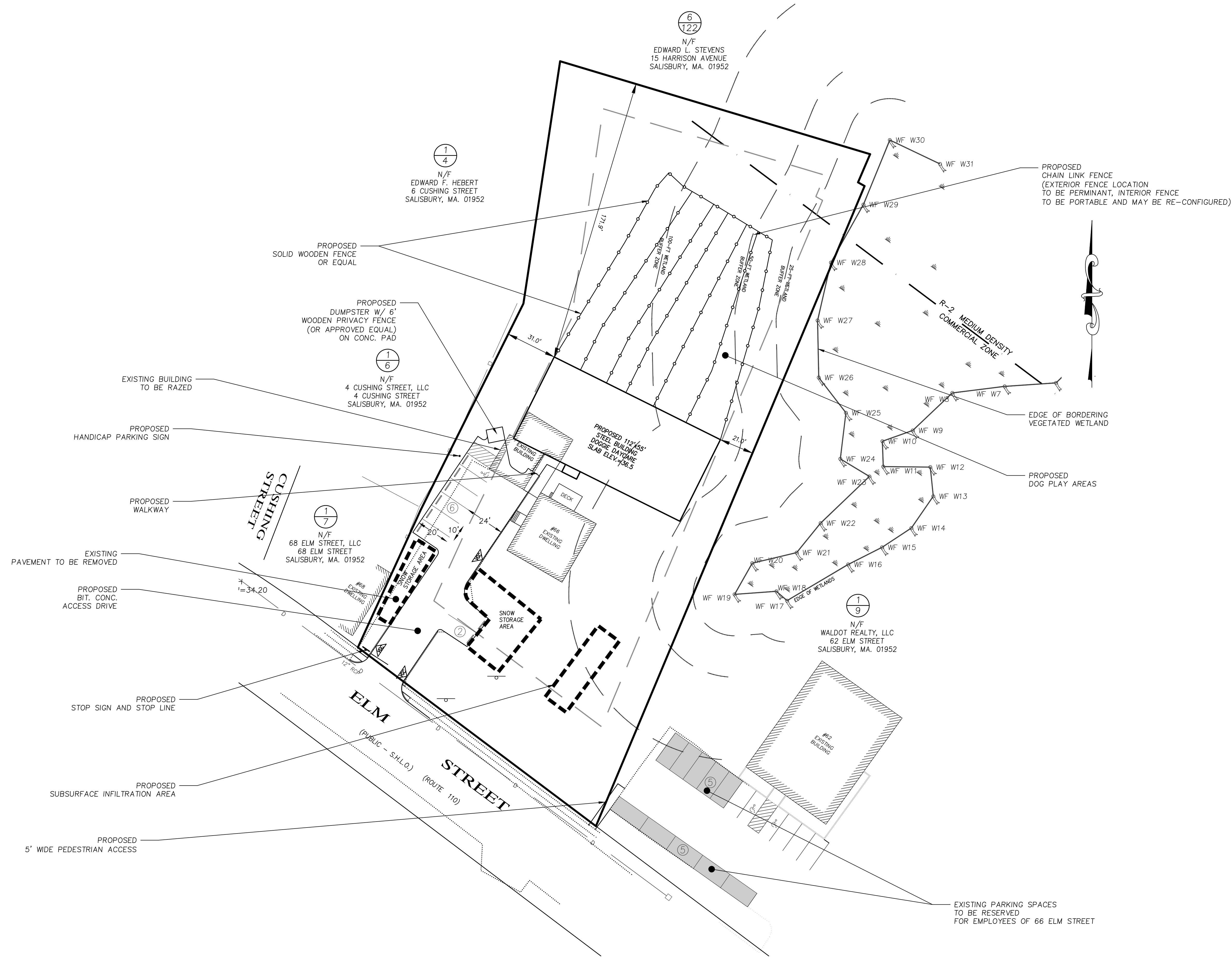
PLAN OF LAND
IN
SALISBURY, MA
SHOWING
EXISTING CONDITIONS

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"=20'	CALC. BY: P.D.B.	PROJECT: M203703
DATE: AUG. 16, 2022	CHK. BY: J.S.H.	

EXISTING CONDITIONS

SHEET: 3 OF 5



PREPARED FOR

CARLYN CAPOLUPO

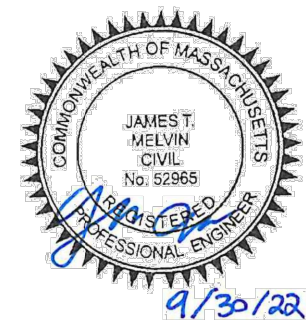
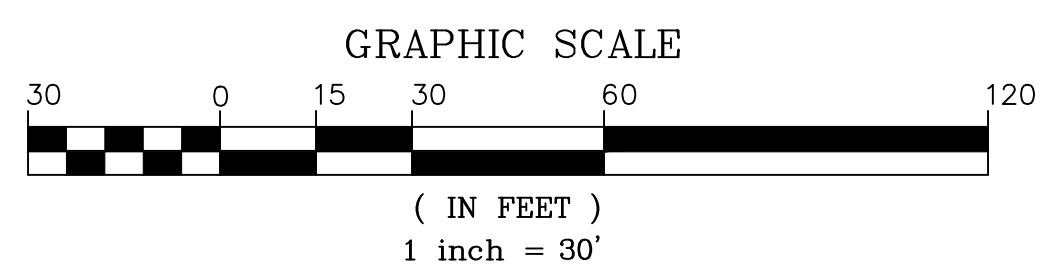
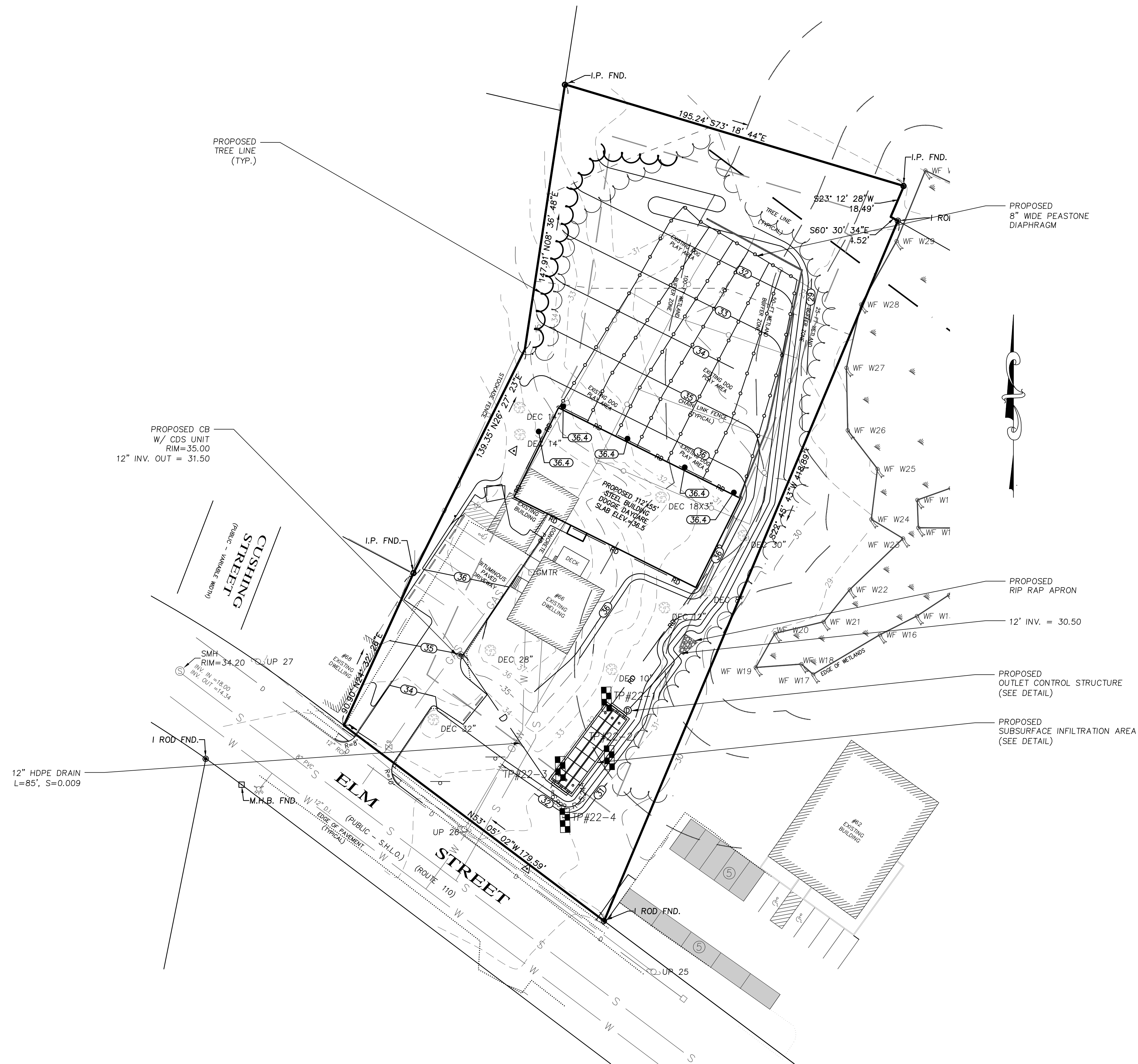
66 ELM STREET
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
2	9/28/22	RESPONSE TO PEER REVIEW	J.T.M.
1	9/8/22	RESPONSE TO TOWN COMMENTS	J.T.M.

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'	CALC. BY: J.T.M.	PROJECT: M203703
DATE: AUG. 12, 2022	CHKD. BY: E.W.B.	

SITE PLAN
IN
SALISBURY, MA
AT
66 ELM STREET

SITE PLAN



PREPARED FOR

CARLYN CAPOLUPO

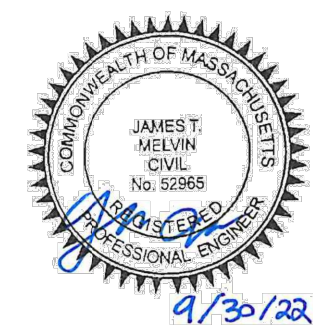
66 ELM STREET
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
2	9/28/22	RESPONSE TO PEER REVIEW	J.T.M.
1	9/8/22	RESPONSE TO TOWN COMMENTS	J.T.M.


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'	CALC. BY: J.T.M.
DATE: AUG. 12, 2022	CHKD. BY: E.W.B.
PROJECT: M203703	

SITE PLAN
IN
SALISBURY, MA
AT
66 ELM STREET

**GRADING
&
DRAINAGE**



CARLYN CAPOLUPO
66 ELM STREET
SALISBURY, MA 01952



SCALE: 1"=30'	CALC. BY: J.T.M.	PROJECT: M203703
DATE: AUG. 12, 2022	CHKD. BY: E.W.B.	

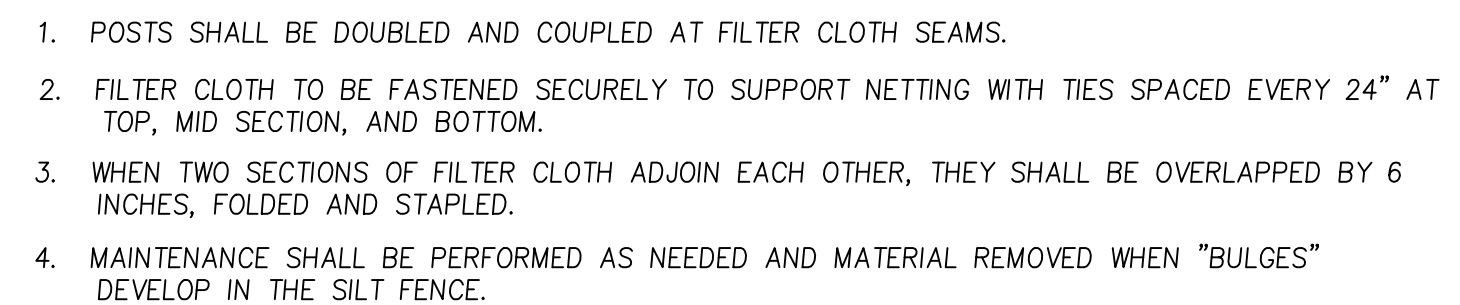
IN
SALISBURY, MA

SHEET: 6 OF 9



1. STONE SHALL BE 4"-6" STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50'.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 12".
4. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO 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. ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO 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 INTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED PROMPTLY.
7. WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE INTO 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.

N.T.S.

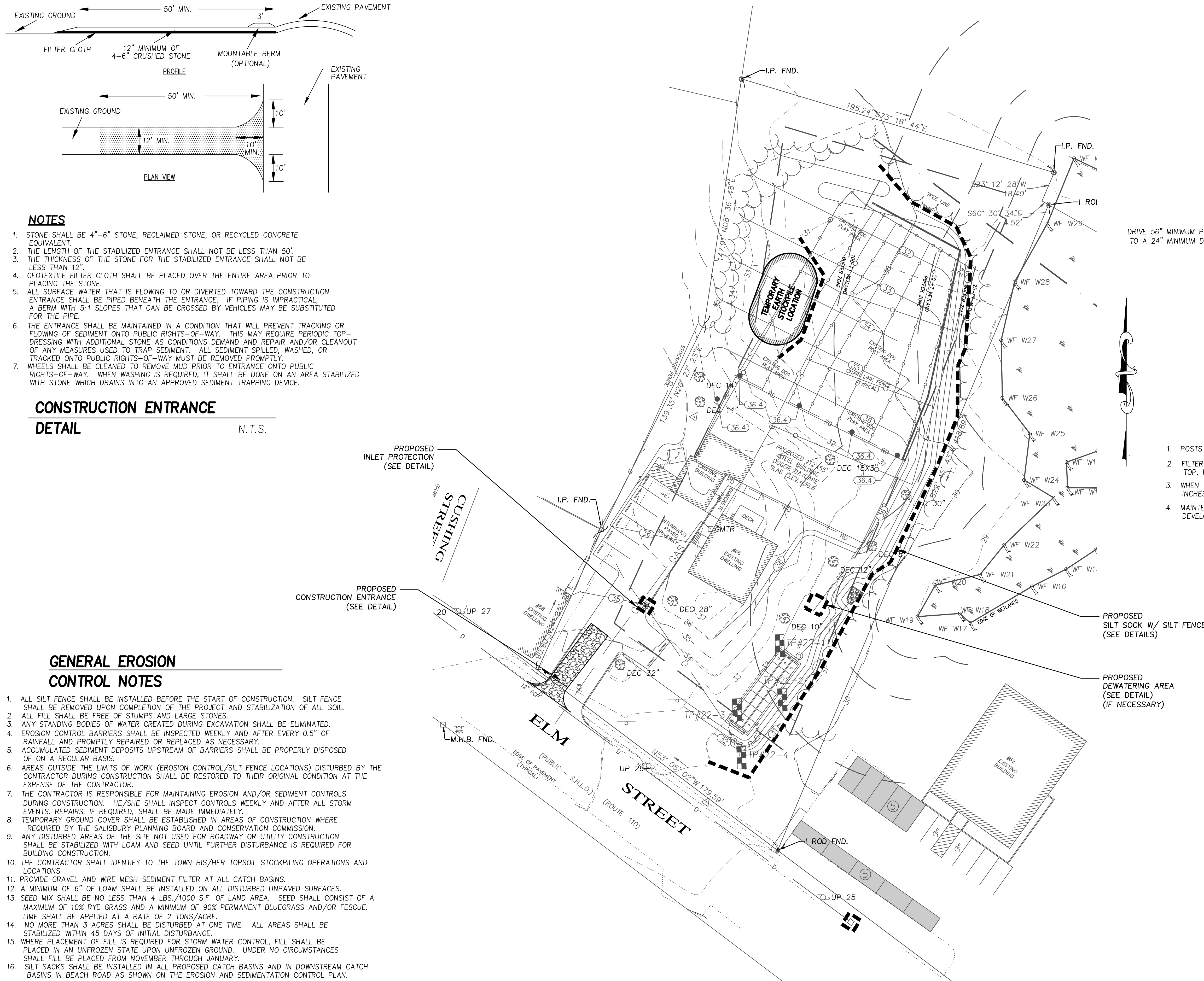


N.T.S.



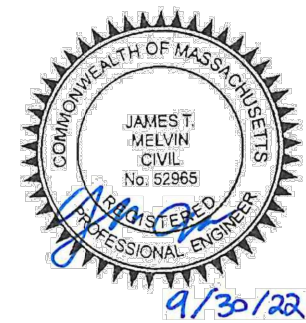
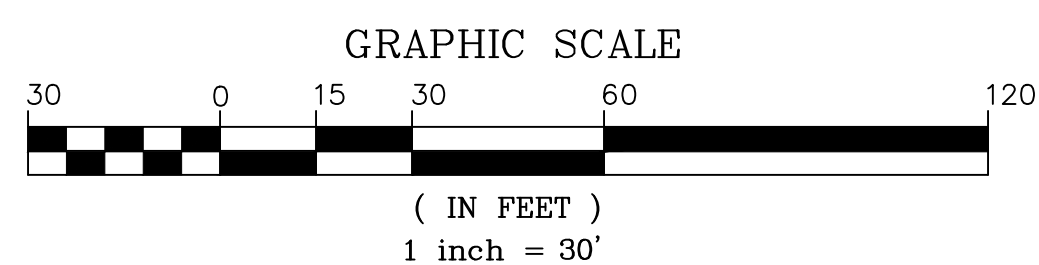
1. ALL MATERIAL SHALL MEET SPECIFICATIONS BY FILTREXX OR APPROVED EQUAL.
2. SILT SOCK SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
3. THE CONTRACTOR SHALL REMOVE SEDIMENT AT THE BASE OF THE UPSLOPE SIDE OF THE SILT SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE SILT SOCK.
4. SILT SOCK SHALL BE MAINTAINED UNTIL DISTURBED AREA ABOVE THE DEVICE HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.
5. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE SOCK HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.
6. SILT SOCK SHALL BE INSPECTED DAILY BY THE GENERAL CONTRACTOR.

N.T.S.



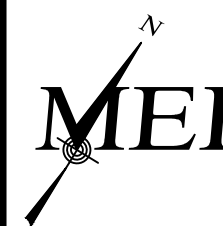
- ## GENERAL EROSION CONTROL NOTES

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.
3. 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.
8. TEMPORARY GROUND COVER SHALL BE ESTABLISHED IN AREAS OF CONSTRUCTION WHERE REQUIRED BY THE SALISBURY 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. THE CONTRACTOR SHALL IDENTIFY TO THE TOWN HIS/HER TOPSOIL STOCKPILING OPERATIONS AND LOCATIONS.
11. PROVIDE GRAVEL AND WIRE MESH SEDIMENT FILTER AT ALL CATCH BASINS.
12. A MINIMUM OF 6" OF LOAM SHALL BE INSTALLED ON ALL DISTURBED UNPAVED SURFACES.
13. 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.
14. NO MORE THAN 3 ACRES SHALL BE DISTURBED AT ONE TIME. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.
15. WHERE PLACEMENT OF FILL IS REQUIRED FOR STORM WATER CONTROL, FILL SHALL BE PLACED IN AN UNFROZEN STATE UPON UNFROZEN GROUND. UNDER NO CIRCUMSTANCES SHALL FILL BE PLACED FROM NOVEMBER THROUGH JANUARY.
16. SILT SACKS SHALL BE INSTALLED IN ALL PROPOSED CATCH BASINS AND IN DOWNSTREAM CATCH BASINS IN BEACH ROAD AS SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN.



CARLYN CAPOLUPO
66 ELM STREET
SALISBURY, MA 01952

2	9/28/22	RESPONSE TO PEER REVIEW	J.T.M.
1	9/8/22	RESPONSE TO TOWN COMMENTS	J.T.M.
NO.	DATE	DESCRIPTION	BY

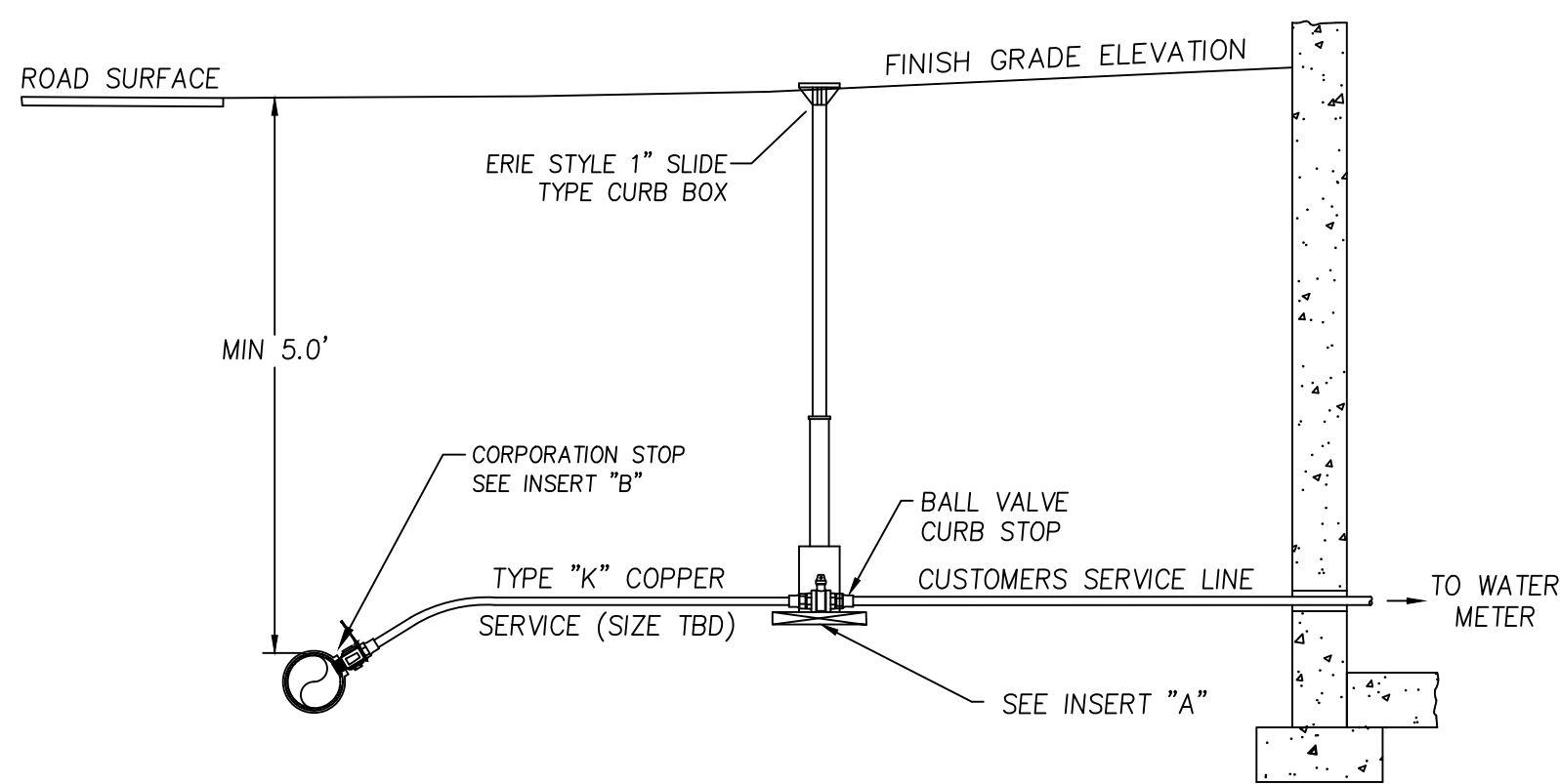


MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

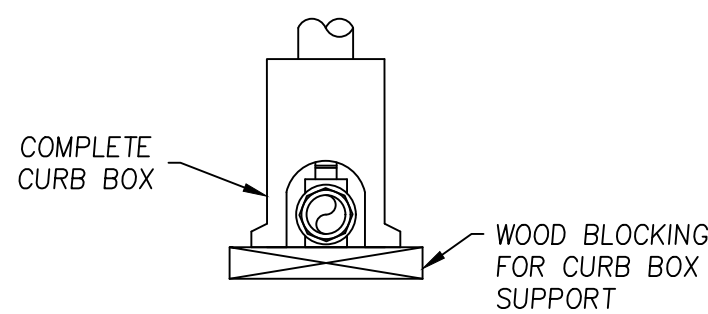
SCALE: 1"=30'	CALC. BY: J.T.M.	PROJECT: M203703
DATE: AUG. 12, 2022	CHKD. BY: E.W.B.	

SITE PLAN
IN
SALISBURY, MA
AT
66 ELM STREET

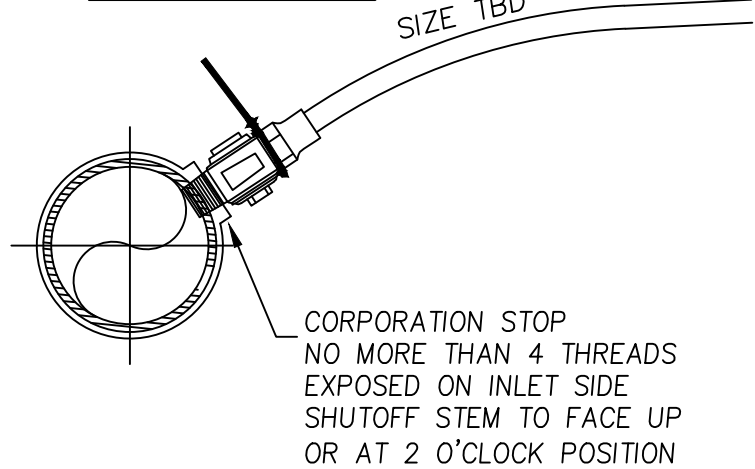
EROSION AND SEDIMENTATION CONTROL PLAN



INSERT "A"

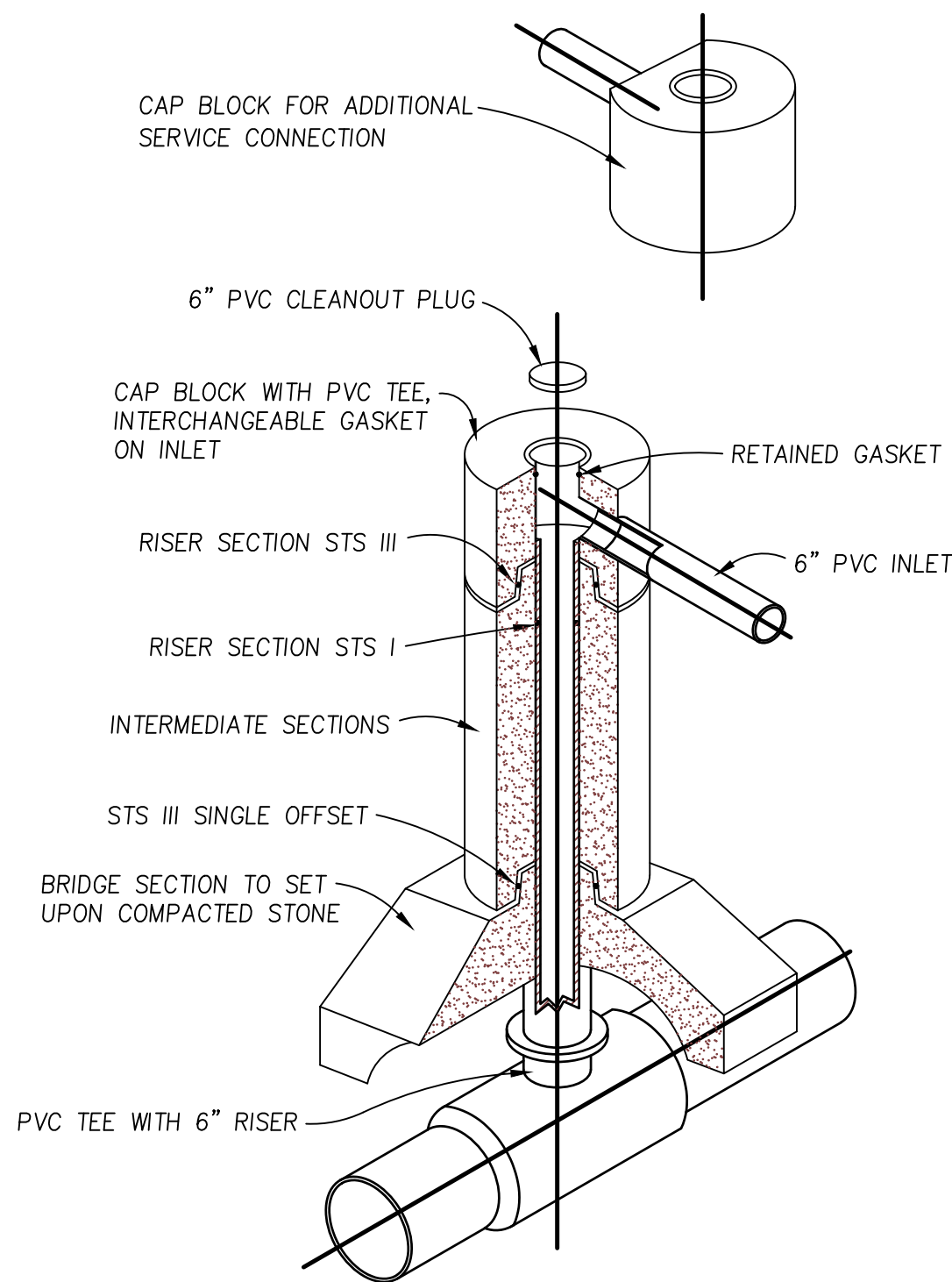


INSERT "B"



TYPICAL COPPER
SERVICE CONNECTION

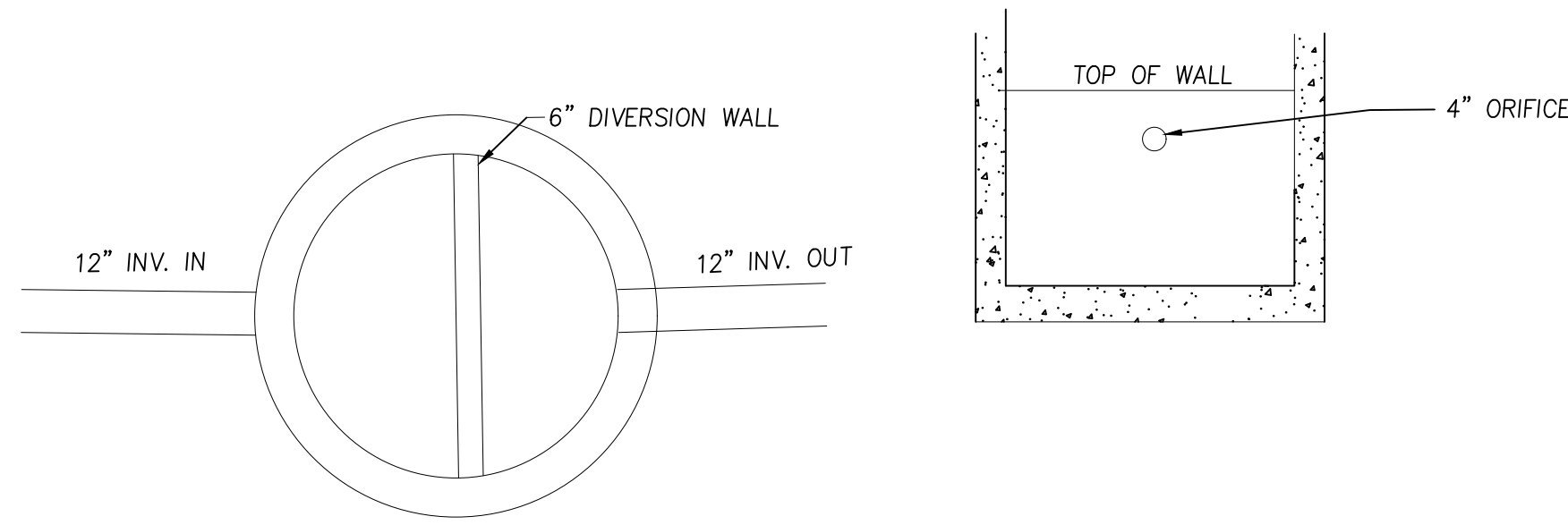
N.T.S.



- NOTES:
1. ALL CHIMNEYS TO BE PRECAST.
 2. CONCRETE STRENGTH TO BE 5000 PSI.
 3. RUBBERMAN STS I AND STS III TO BE PER ASTM 443.
 4. TO BE DESIGNED FOR H-20 LOADING.

SEWER CHIMNEY
DETAIL

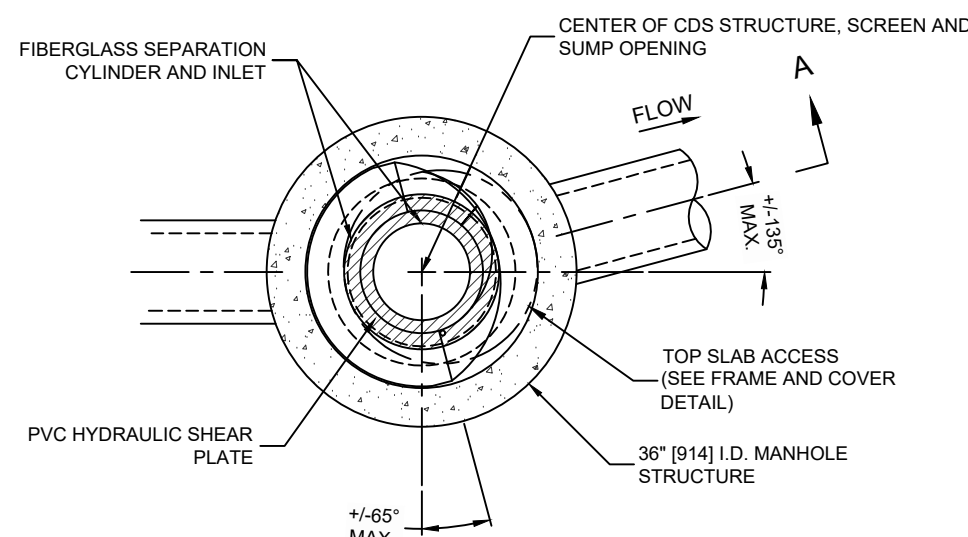
N.T.S.



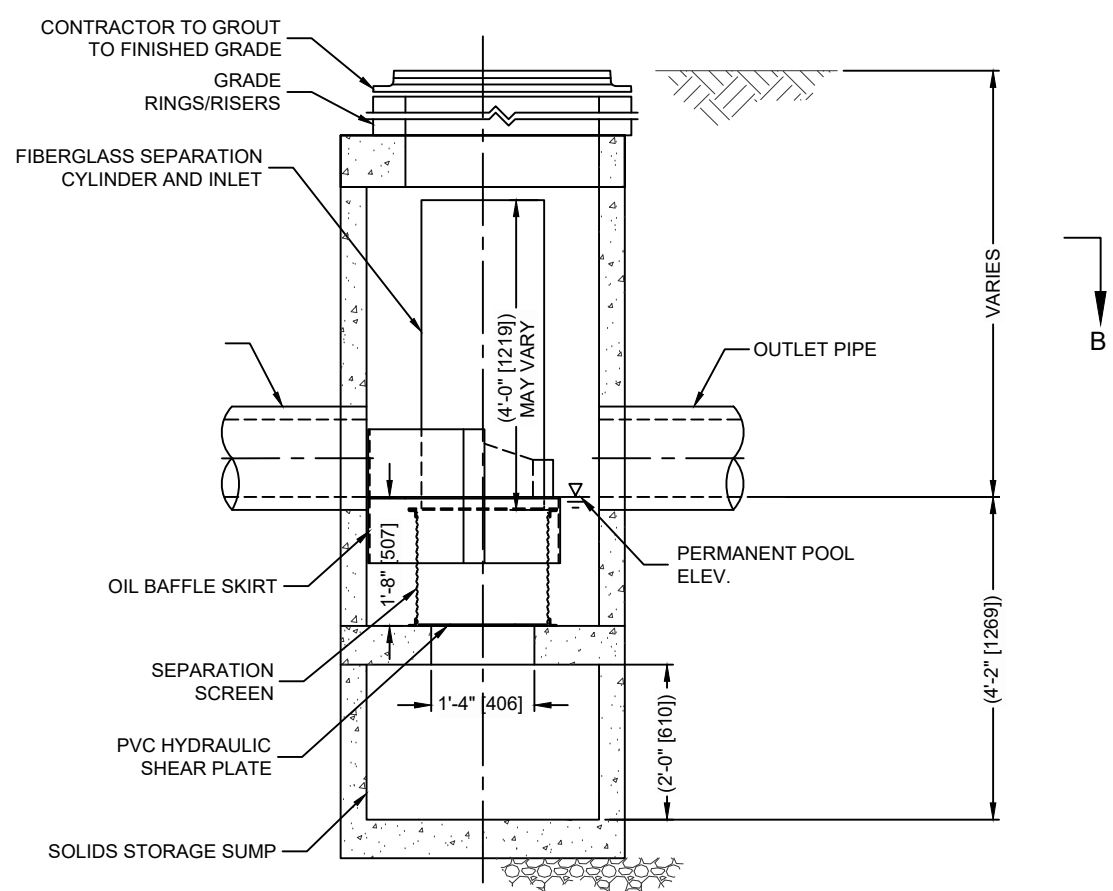
INFILTRATION AREA	INV. OUT ELEV.	INV. IN ELEV.	4" ORIFICE ELEV.	TOP OF WALL ELEV.	RIM ELEV.
	31.00	30.70	31.75	33.00	34.7

OUTLET CONTROL STRUCTURE
DETAIL

N.T.S.



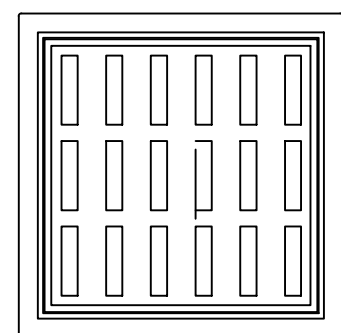
PLAN VIEW B-B
N.T.S.



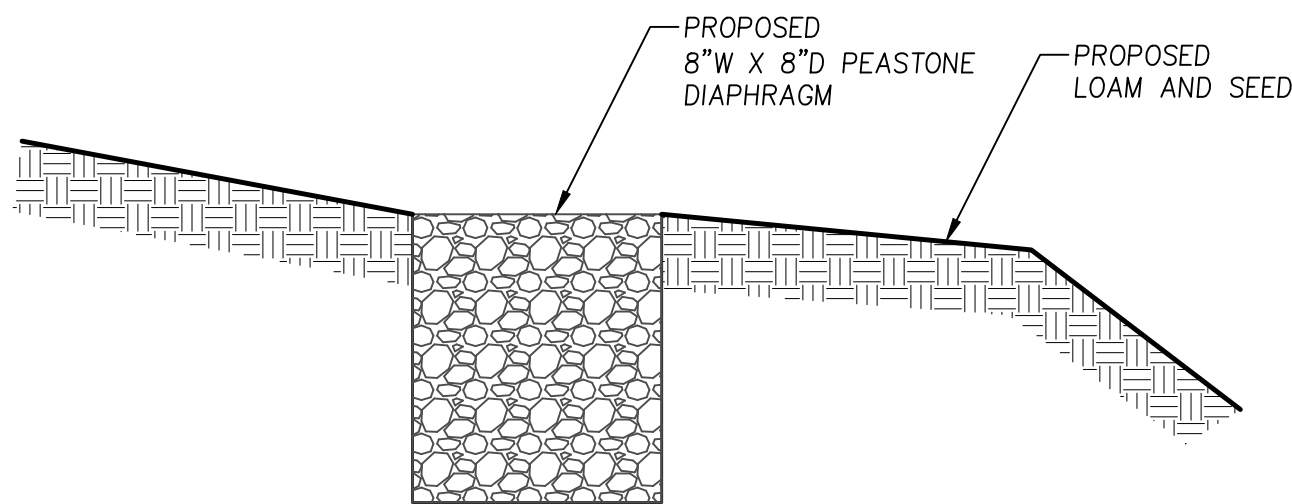
ELEVATION A-A

CONTECH CDS
DETAIL

N.T.S.

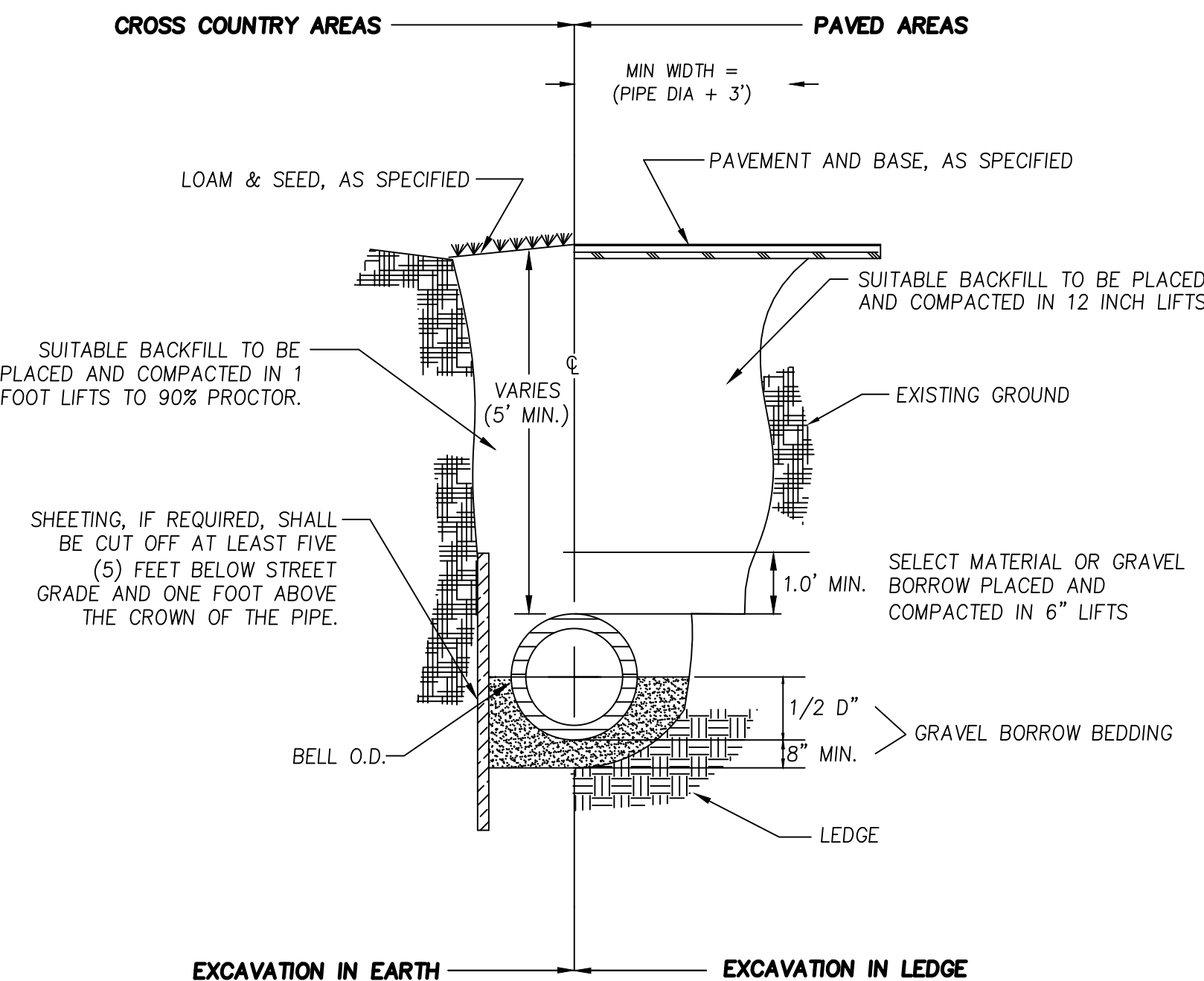


FRAME AND GRATE
(24" SQUARE)
N.T.S.



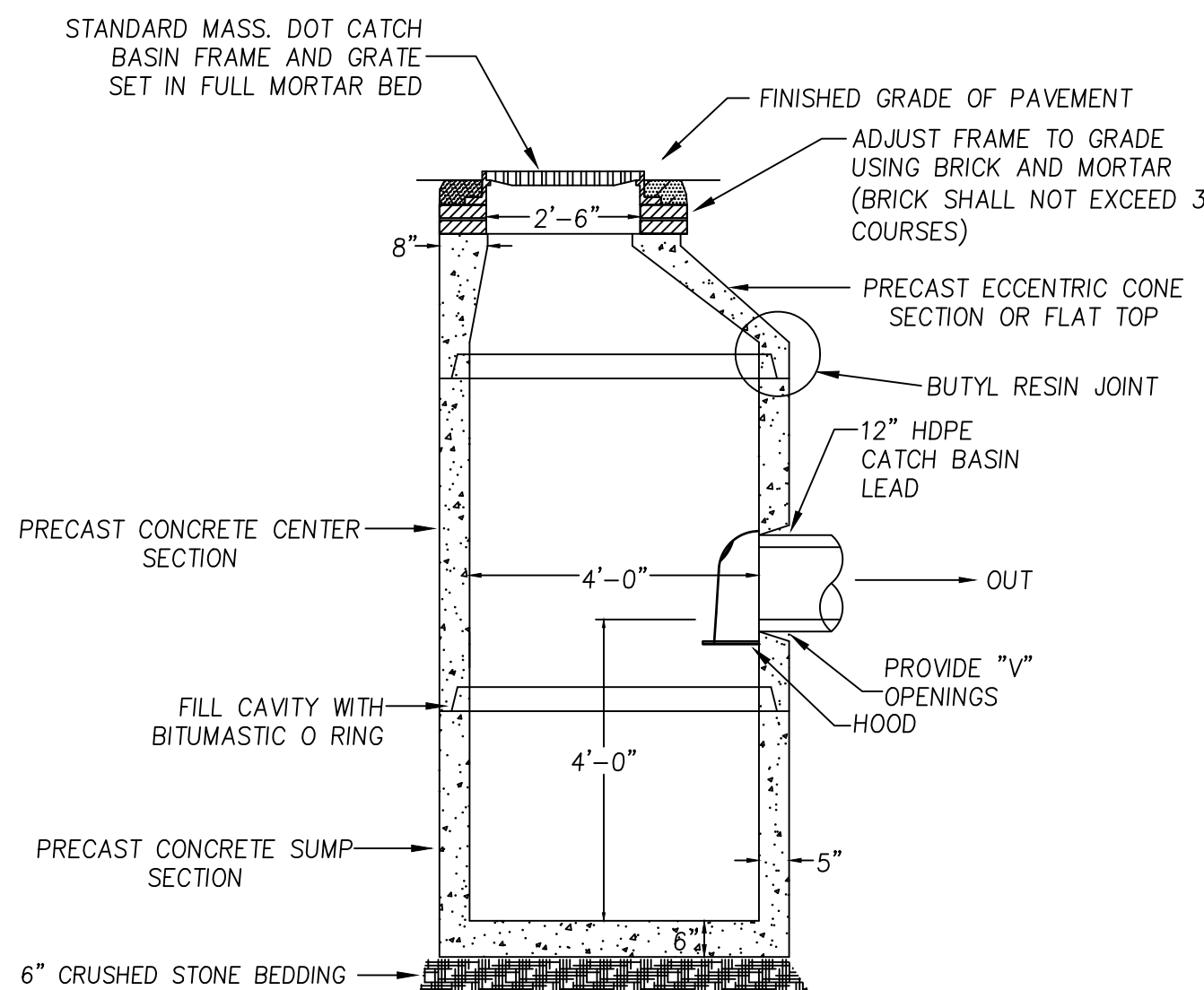
PEASTONE DIAPHRAGM
DETAIL

N.T.S.



TYPICAL TRENCH
DETAIL

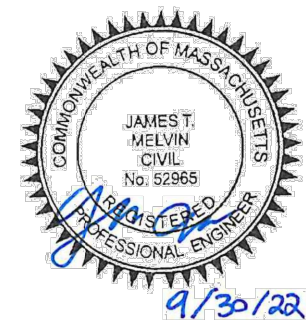
N.T.S.



- 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.

PRECAST DEEP SUMP
CATCH BASIN DETAIL

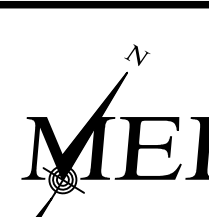
N.T.S.



PREPARED FOR

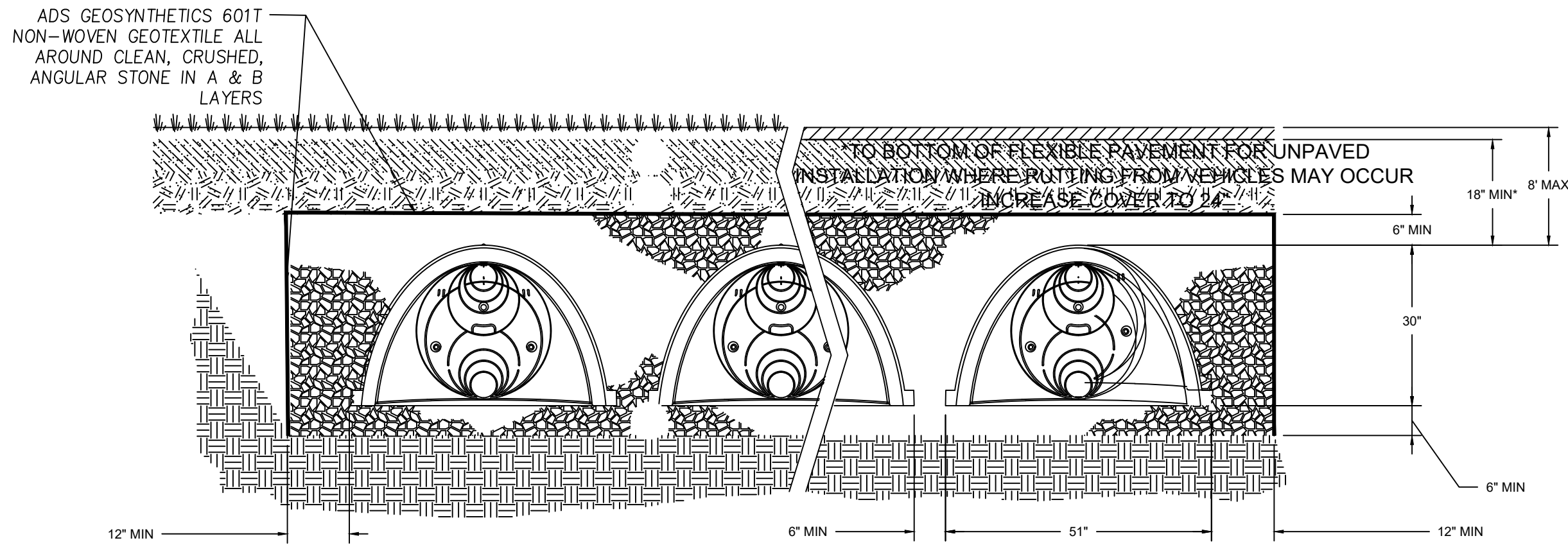
CARLYN CAPOLUPO
66 ELM STREET
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
2	9/28/22	RESPONSE TO PEER REVIEW	J.T.M.
1	9/8/22	RESPONSE TO TOWN COMMENTS	J.T.M.

 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: AS SHOWN	CALC. BY: J.T.M.	PROJECT: M203703
DATE: AUG. 12, 2022	CHKD. BY: E.W.B.	

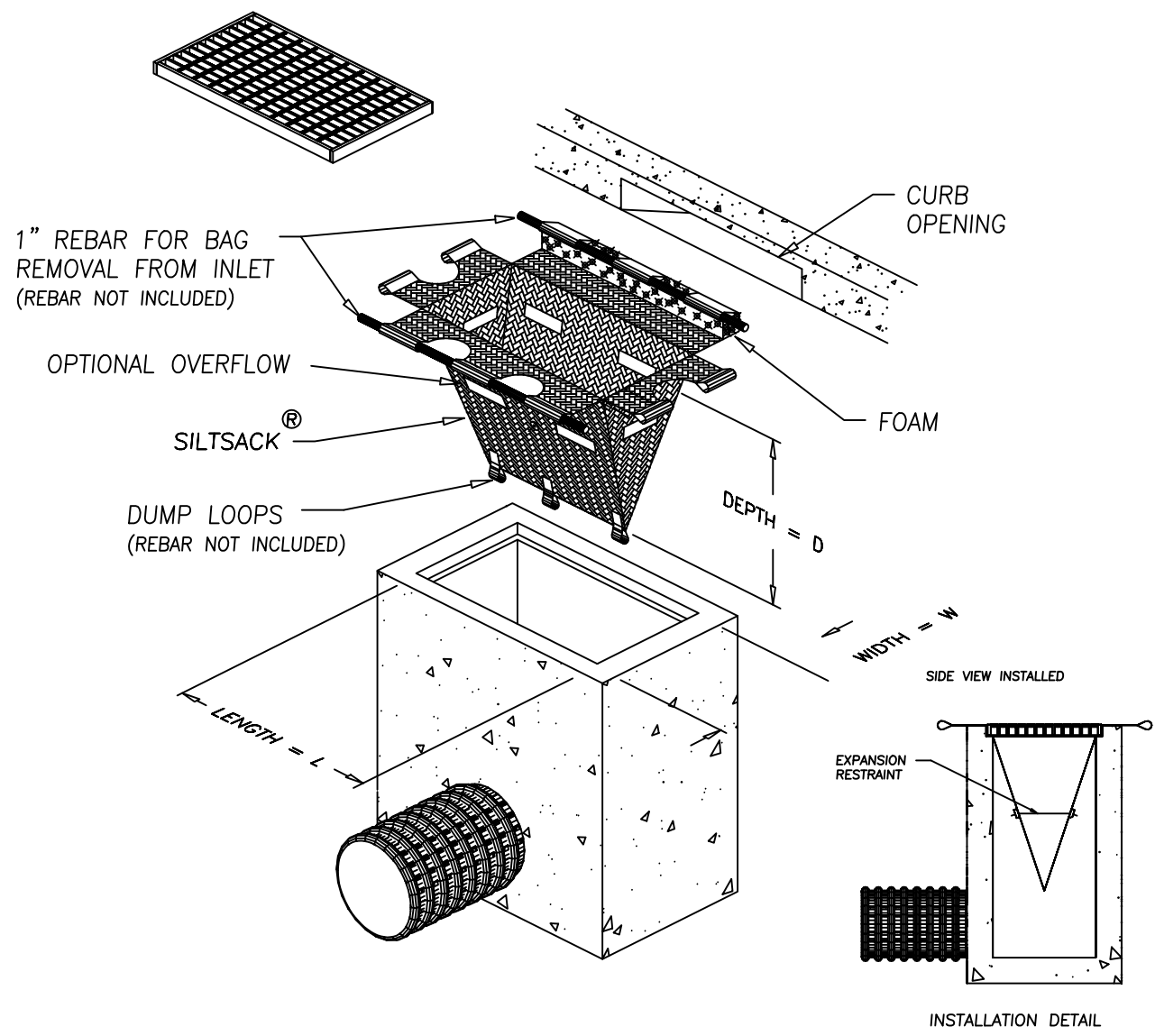
SITE PLAN
IN
SALISBURY, MA
AT
66 ELM STREET

**CONSTRUCTION
DETAILS**



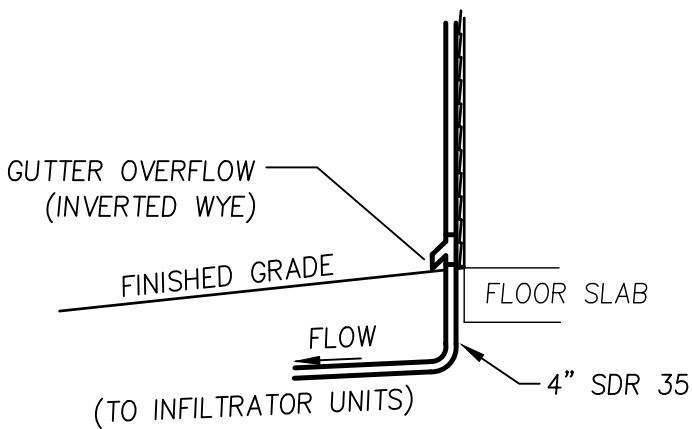
SUBSURFACE AREA	BOT. STONE ELEV.	BOT. CHAMBER ELEV.	TOP CHAMBER ELEV.	TOP STONE ELEV.	100 YR STORM ELEV.
ROOF DRYWELL	30.20	30.70	33.20	33.70	32.80

SUBSURFACE INFILTRATION AREA N.T.S.

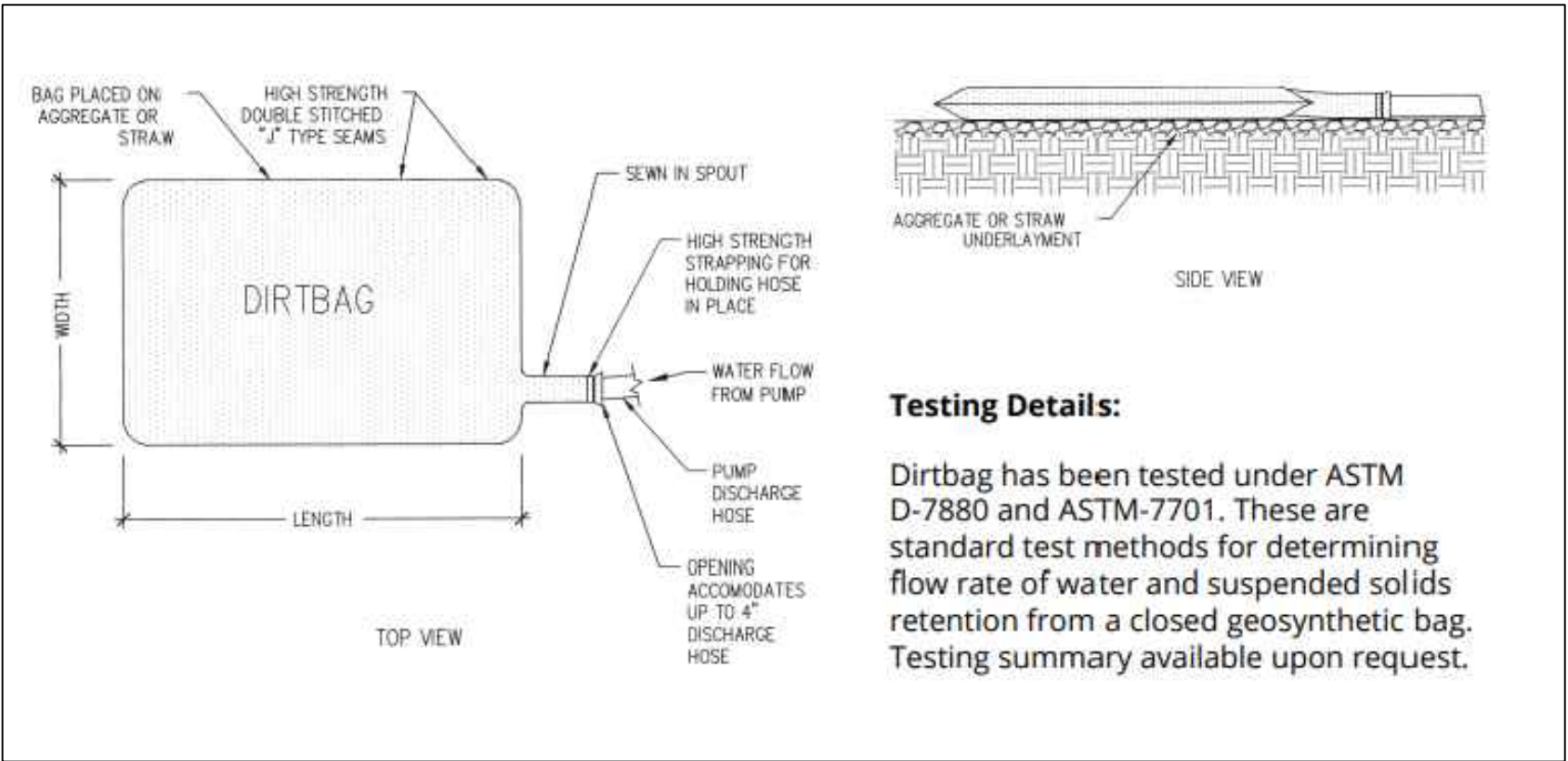
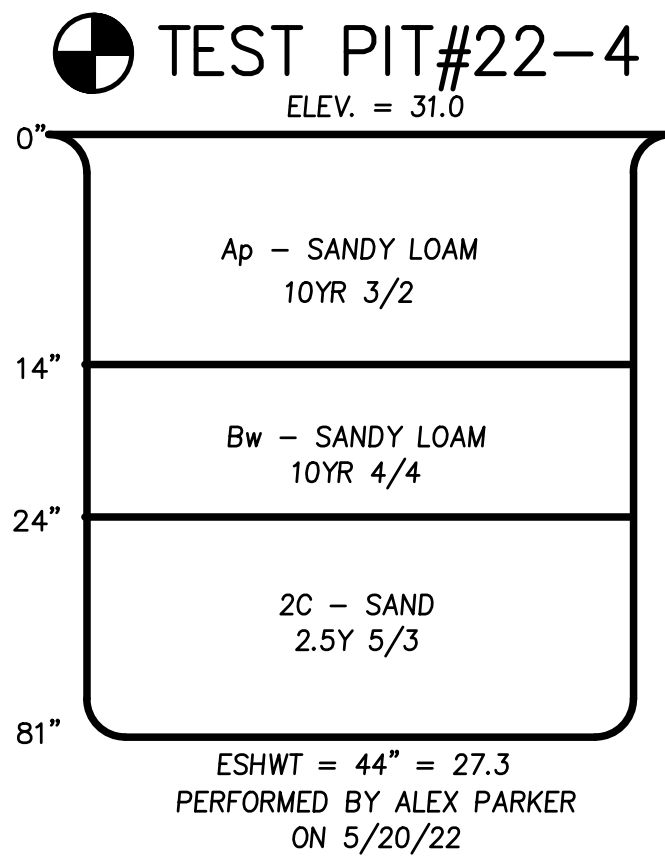
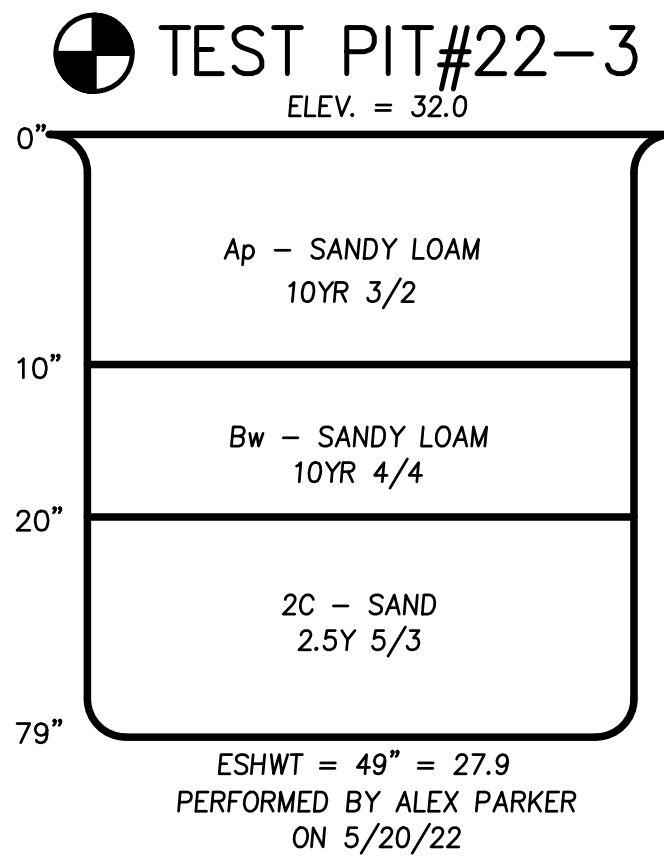
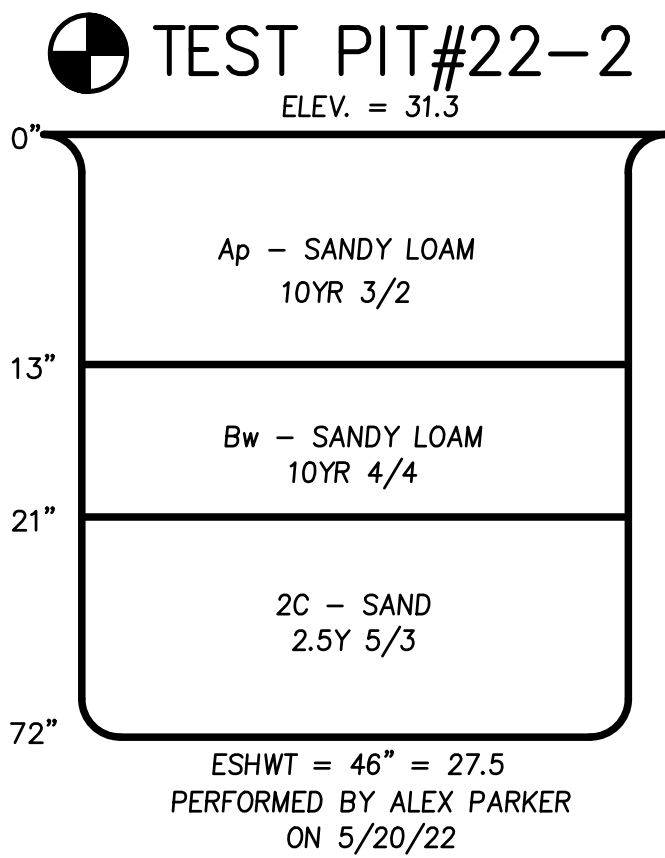
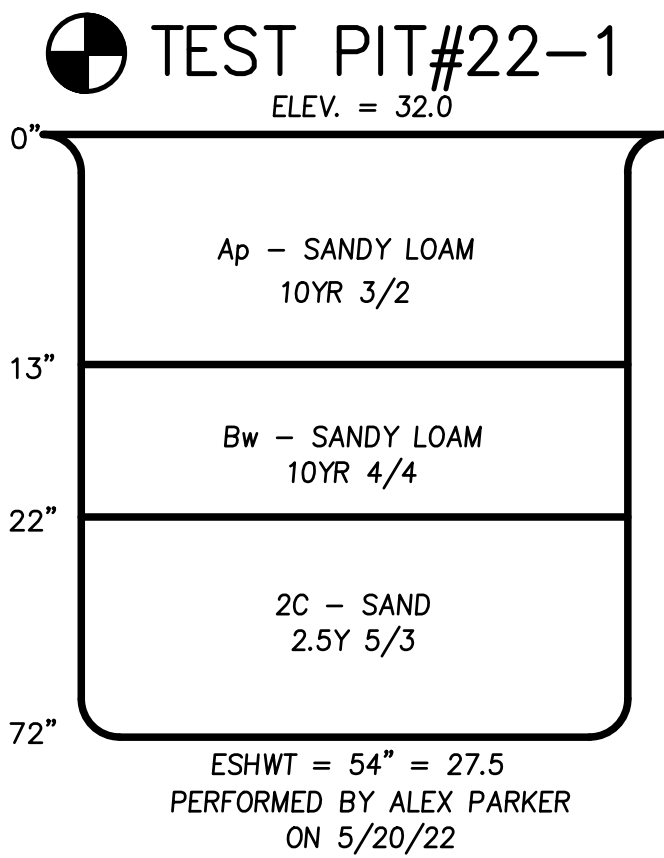


- NOTES
1. TO INSTALL SILTSACK IN THE CATCH BASIN, REMOVE THE GRATE AND PLACE THE SACK IN THE OPENING. HOLD APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME. THIS IS THE AREA OF THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
 2. WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, SILTSACK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

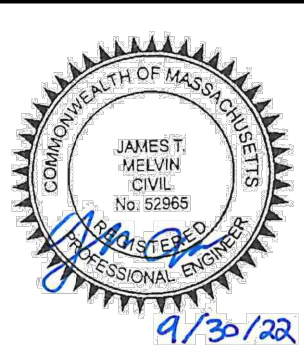


GUTTER DOWN SPOUT DETAIL N.T.S.



- NOTE
1. "DIRTBAG" DEWATERING BAG BY ACF ENVIRONMENTAL OR APPROVED EQUAL.

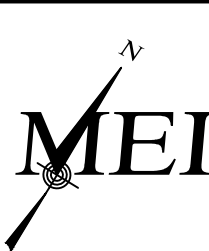
TYPICAL DEWATERING DETAIL N.T.S.



PREPARED FOR

CARLYN CAPOLUPO
66 ELM STREET
SALISBURY, MA 01952

2	9/28/22	RESPONSE TO PEER REVIEW	J.T.M.		
1	9/8/22	RESPONSE TO TOWN COMMENTS	J.T.M.		
NO.	DATE	DESCRIPTION	BY		



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: AS SHOWN	CALC. BY: J.T.M.	PROJECT: M203703
DATE: AUG. 12, 2022	CHKD. BY: E.W.B.	

SITE PLAN
IN
SALISBURY, MA
AT
66 ELM STREET