

LOCUS MAP
N.T.S.

BENCHMARKS

TBM #102
MAG. NAIL SET
ELE.=78.03 (N.A.V.D.)
TBM #103
MAG. NAIL SET
ELE.=77.51 (N.A.V.D.)

NOTES:

1. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.
2. RECORD UTILITY INFORMATION HAS NOT BEEN OBTAINED FOR LOCUS. VISIBLE SURFACE STRUCTURES HAVE BEEN LOCATED AND ARE SHOWN HEREON HOWEVER, SUBSURFACE UTILITY LINES ARE NOT SHOWN.
3. PARCEL IS LOCATED WITHIN SALISBURY WATER RESOURCE DISTRICT.

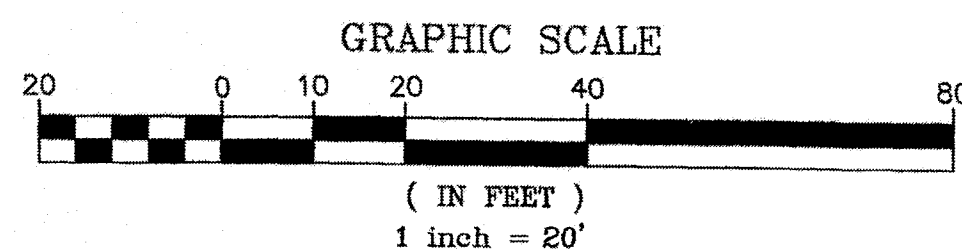
THE CERTIFICATIONS SHOWN HEREON ARE NOT INTENDED AS CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN OF SALISBURY ASSESSORS RECORDS.

I CERTIFY:
THAT THIS ACTUAL SURVEY WAS MADE ON THE GROUND AUGUST 1, 2016, AND THAT THE STRUCTURES AND PHYSICAL FEATURES ARE LOCATED AS SHOWN TO THE BEST OF MY ABILITY AND BELIEF.

JEFFREY & HOFMANN
PROFESSIONAL LAND SURVEYORS
3/15/17
DATE

LEGEND

- M.H.B. MHB
- I.P. IRON PIPE
- E.P.L.P. ESCUTCHEON PIN IN LEAD PLUG
- FND. FOUND
- N/F. NOW OR FORMERLY
- OHW. OVERHEAD WIRE
- H.H. ELECTRIC HANDHOLE
- UPOLE. UTILITY POLE
- GUY. GUY
- GAS MTR. GAS METER
- ASSSESSORS MAP#
- PARCEL#
- TBM 103
- AC
- D
- SIGN
- SIGNAL POST
- TEMPORARY BENCHMARK
- AIR CONDITIONER
- DUMPSTER



PREPARED FOR

CHIRAG REALTY, LLC
45 TOLL ROAD
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
4	3-15-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
3	3-1-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
2	2-6-17	REVISE SITE LAYOUT	C.M.Y.
1	10-17-16	DEPARTMENT REVIEW COMMENTS	C.M.Y.

SCALE: 1"=20'
DATE: SEPT. 19, 2016
CALC. BY: P.D.B.
CHKD. BY: J.S.H.
PROJECT: M162939

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

PLAN OF LAND
IN
SALISBURY, MA
TO ACCOMPANY AN APPLICATION FOR
SITE PLAN REVIEW
AT
45 TOLL ROAD

**EXISTING
CONDITIONS**

SHEET: 1 OF 7

BASIS OF BEARINGS

1949 STATE HIGHWAY LAYOUT #3691

OWNER OF RECORD

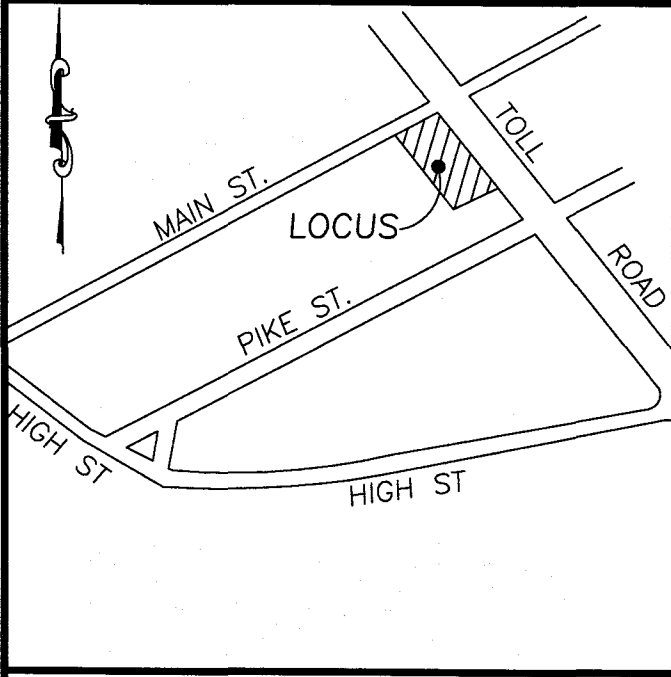
CHIRAG REALTY, LLC
BK.26041 PG. 448
#45 TOLL ROAD

PLAN REFERENCES

1949 STATE HIGHWAY LAYOUT #3691
PLAN 215 OF 1977

ZONING TABLE

ADDRESS - ASSESSORS MAP 18 LOT 227 ZONING DISTRICT-LAFAYETTE/MAIN COMMERCIAL (LMA)		
	REQUIRED	EXISTING
LOT AREA:	29,040 S.F.	37,631 S.F.
LOT FRONTAGE:	150 FT	254.61 FT
MIN. FRONT SETBACK:	30 FT	39.4 FT
MAX. FRONT SETBACK:	50 FT	
SIDE SETBACK:	15 FT	24.8 FT
REAR SETBACK:	25 FT	69.3 FT
MIN. OPEN SPACE:	15%	52.9%
BLDG HEIGHT:	60 FT	LESS THAN 60 FT



LOCUS MAP
N.T.S.

PARKING SPACE CALCS.

USE # OF SPACES REQUIRED
RETAIL 3 SPACES PER 1,000 S.F. GFA

RETAIL
4,800 S.F. GFA
OF SPACES REQUIRED = 15

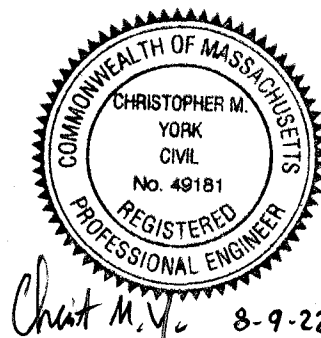
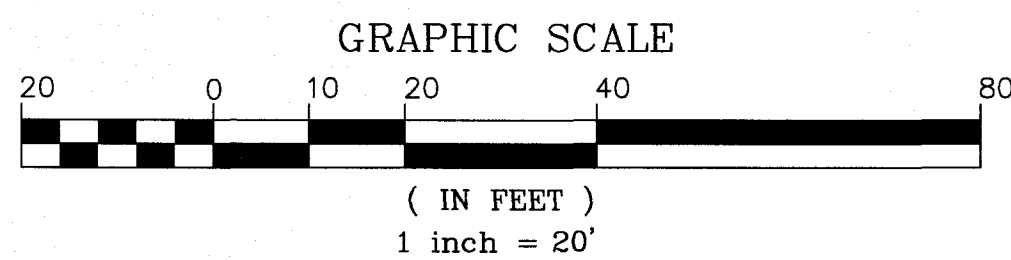
TOTAL # OF SPACES REQUIRED = 15
TOTAL # OF SPACES PROVIDED = 27

GENERAL NOTES

- ALL WORK SHALL CONFORM TO: THE SALISBURY PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND 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.
- ALL EXISTING STRUCTURES AND SURFACES, UNLESS OTHERWISE SHOWN, SHALL BE COMPLETELY REMOVED FROM THE AREAS OF WORK. ALL TREES SCHEDULED FOR REMOVAL SHALL BE FIELD MARKED AND APPROVED FOR REMOVAL BY THE CONSERVATION COMMISSION PRIOR TO CUTTING OPERATIONS.
- 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.
- THE APPLICANT SHALL COORDINATE WITH THE SALISBURY DPW AS TO THE REMOVAL OF WATER SERVICE SERVICING EXISTING DWELLING AT 45 TOLL ROAD.
- 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.
- ONSITE BURIAL OF STUMPS OR ANY OTHER DEBRIS IS PROHIBITED.
- THE PROPERTY DOES NOT LIE WITHIN THE 100-YEAR FLOOD PLAIN ACCORDING TO F.I.R.M. COMMUNITY PANEL NUMBER 25009C0107F.
- PARCEL IS LOCATED WITHIN SALISBURY WATER RESOURCE DISTRICT.
- ELEVATIONS ARE BASED ON NAVD 1988 DATUM.

LEGEND

- W — EXISTING WATER MAIN
- OHW — EXISTING OVERHEAD WIRE
- W — PROPOSED WATER SERVICE
- UE — PROPOSED UNDERGROUND ELECTRIC
- G — PROPOSED GAS SERVICE
- PROP. SLOPED GRAN. CURB
- PROP. VERTICAL GRAN. CURB
- PROPOSED STREET LIGHT
- EXISTING FIRE HYDRANT
- PROPOSED WATER SHUTOFF
- PROPOSED BUILDING LIGHT



PREPARED FOR

CHIRAG REALTY, LLC
45 TOLL ROAD
SALISBURY, MA 01952

7	8-9-22	WIDEN PARKING LOT	C.M.Y.
6	3-29-22	CHANGE LOADING AREA TO PAVED	C.M.Y.
5	4-17-18	FIRE SERVICE LINE	S.F.R.
4	3-15-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
3	3-1-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
2	2-6-17	REVISE SITE LAYOUT	C.M.Y.
1	10-17-16	DEPARTMENT REVIEW COMMENTS	C.M.Y.
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"=20'
DATE: SEPT. 19, 2016
DESIG. BY: C.M.Y.
CHKD. BY: E.W.B.
PROJECT: M162939

PLAN OF LAND
IN
SALISBURY, MA
TO ACCOMPANY AN APPLICATION FOR
SITE PLAN REVIEW
AT
45 TOLL ROAD

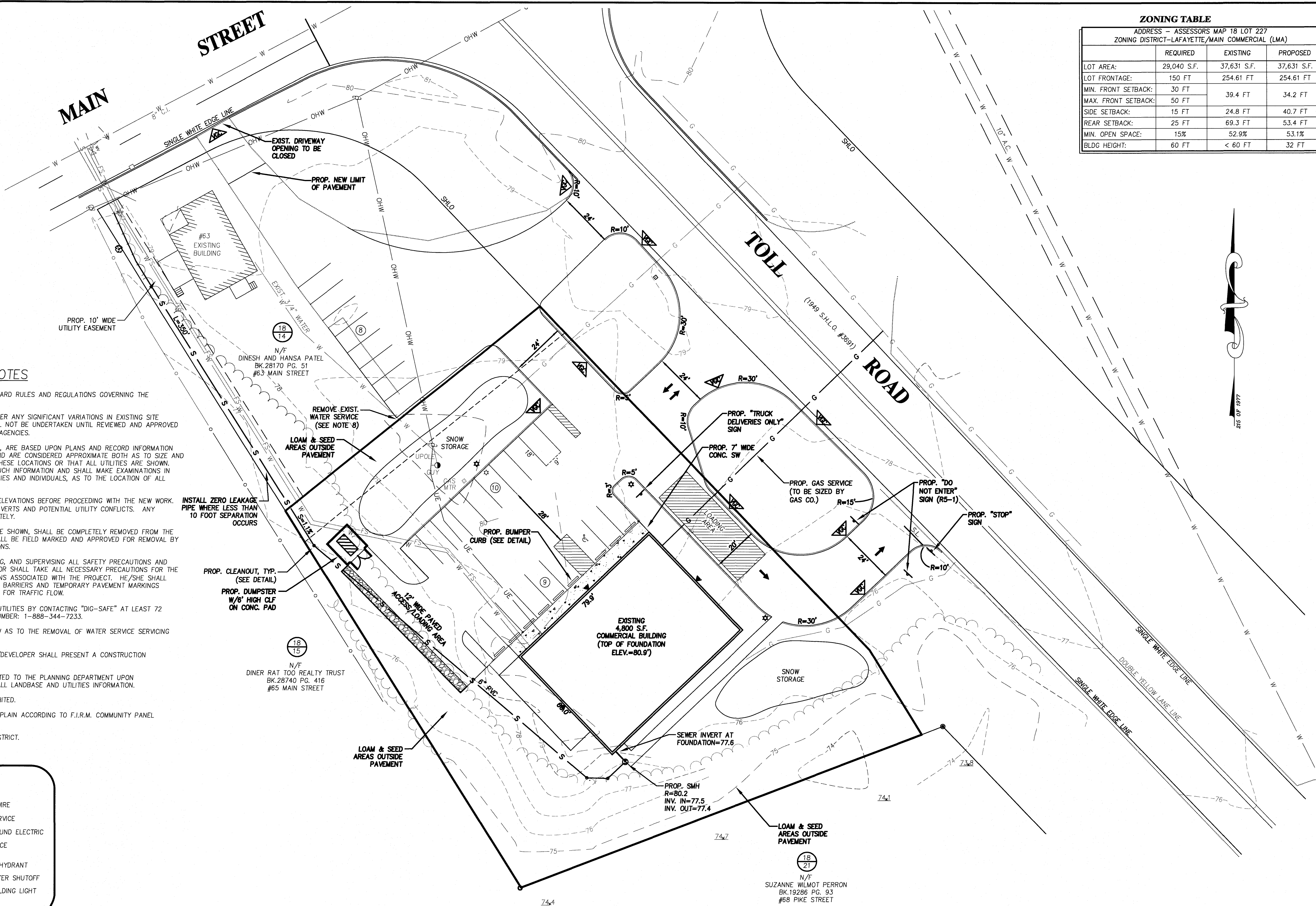
SITE PLAN

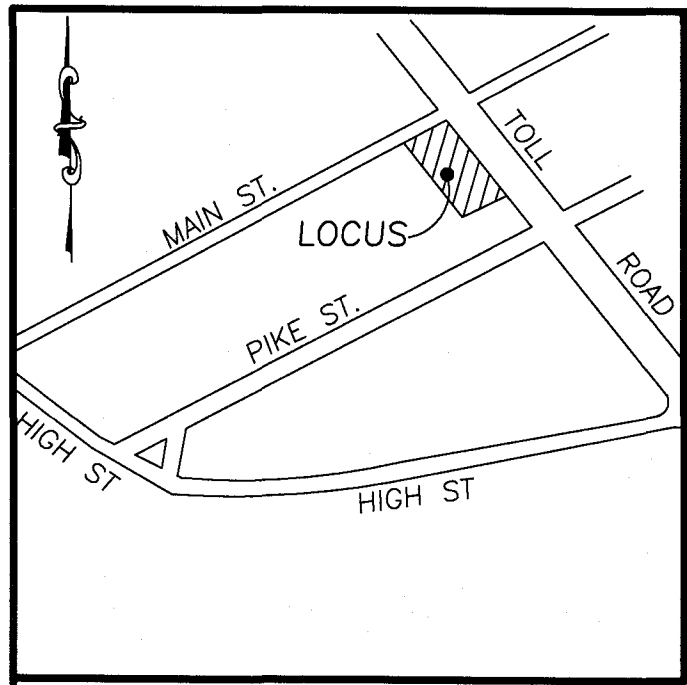
SHEET: 2 OF 7

ZONING TABLE

ADDRESS - ASSESSORS MAP 18 LOT 227
ZONING DISTRICT-LAFAYETTE/MAIN COMMERCIAL (LMA)

	REQUIRED	EXISTING	PROPOSED
LOT AREA:	29,040 S.F.	37,631 S.F.	37,631 S.F.
LOT FRONTAGE:	150 FT	254.61 FT	254.61 FT
MIN. FRONT SETBACK:	30 FT	39.4 FT	34.2 FT
MAX. FRONT SETBACK:	50 FT		
SIDE SETBACK:	15 FT	24.8 FT	40.7 FT
REAR SETBACK:	25 FT	69.3 FT	53.4 FT
MIN. OPEN SPACE:	15%	52.9%	53.1%
BLDG HEIGHT:	60 FT	< 60 FT	32 FT





MAIN

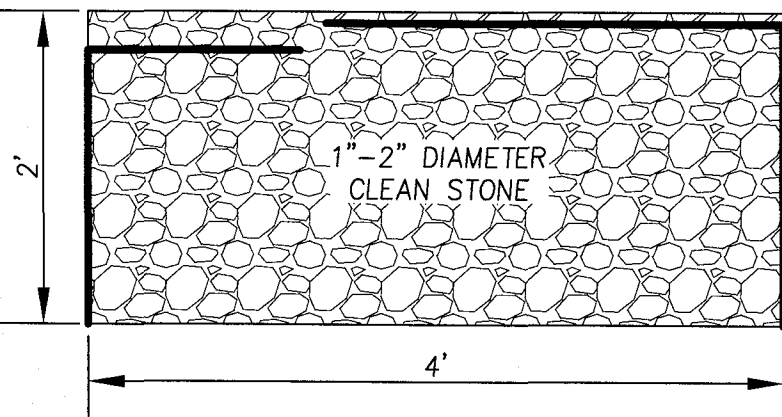
STREET

TOLL

ROAD

PROPOSED 10' WIDE
UTILITY EASEMENT

PROPOSED FILTER
FABRIC AROUND
STONE



STONE TRENCH
DETAIL

N.T.S.

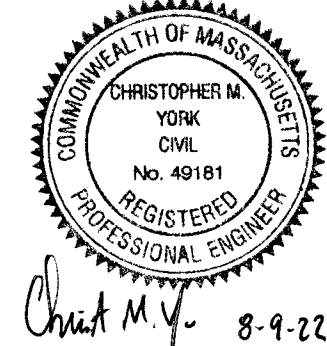
LEGEND

- 8 EXIST. CONTOUR
- 7 PROP. CONTOUR
- SF PROP. EROSION CONTROL
- PROP. CONC. SIDEWALK
- PROP. SWALE
- PROP. CATCH BASIN
- 78.3 PROP. SPOT GRADE
- PROP. OUTLET STRUCTURE
- EXIST. CATCH BASIN
- EXIST. UTILITY POLE
- WETLANDS
- EXIST. TEST PIT

GRAPHIC SCALE



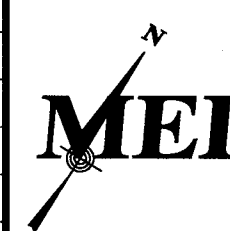
(IN FEET)
1 inch = 20'



PREPARED FOR

CHIRAG REALTY, LLC
45 TOLL ROAD
SALISBURY, MA 01952

6	8-9-22	WIDEN PARKING LOT	C.M.Y.
5	3-29-22	CHANGE LOADING AREA TO PAVED	C.M.Y.
4	3-15-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
3	3-1-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
2	2-6-17	REVISE SITE LAYOUT	C.M.Y.
1	10-17-16	DEPARTMENT REVIEW COMMENTS	C.M.Y.
NO.	DATE	DESCRIPTION	BY



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

SCALE: 1"=20'

DESIG. BY: C.M.Y.

DATE: SEPT. 19, 2016

CHKD. BY: E.W.B.

PROJECT: M162939

PLAN OF LAND

IN
SALISBURY, MA

TO ACCOMPANY AN APPLICATION FOR

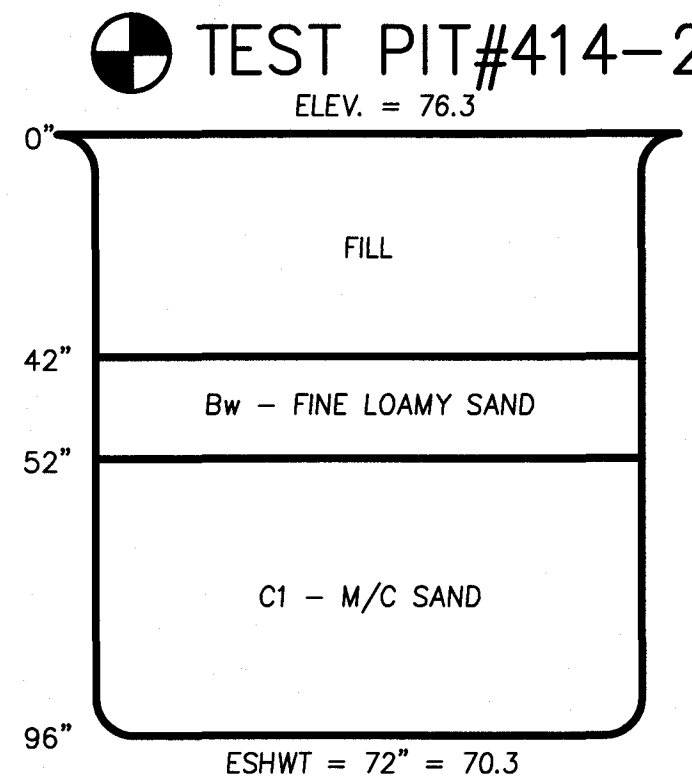
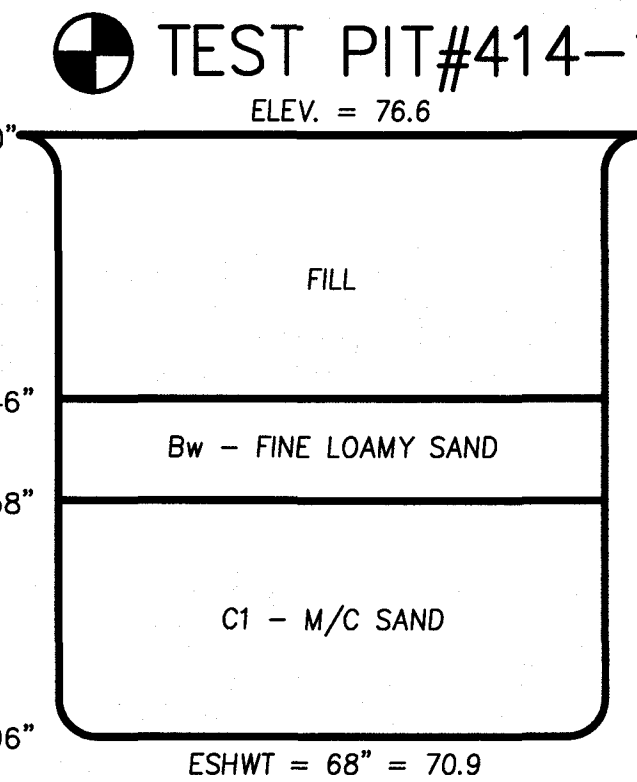
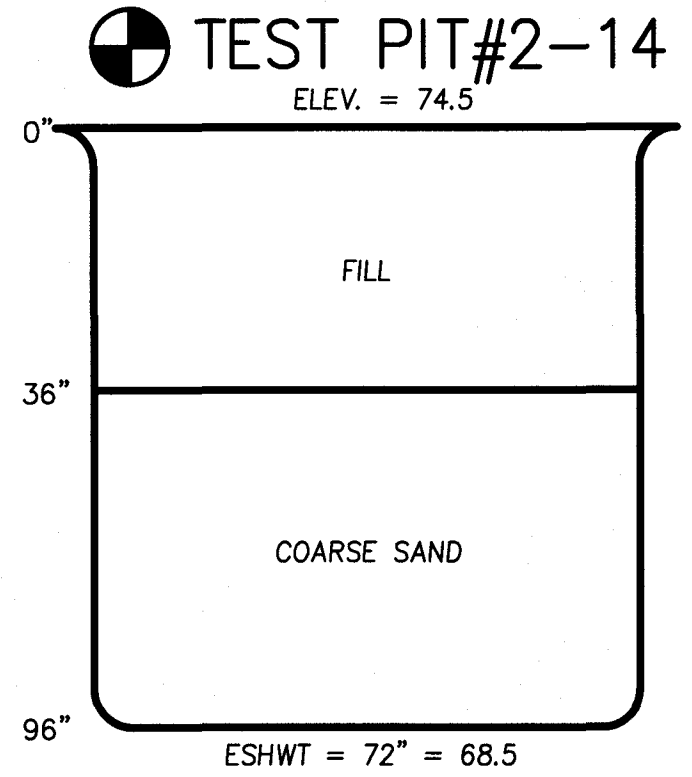
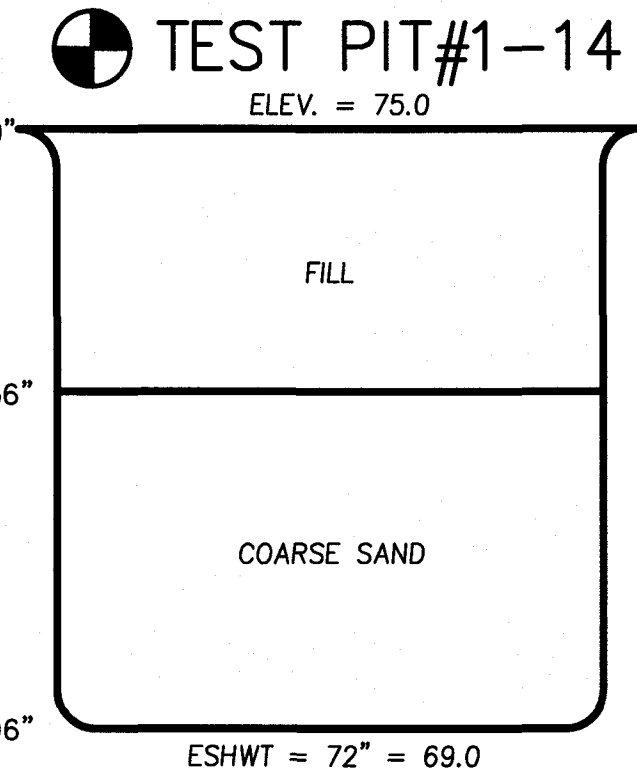
SITE PLAN REVIEW

AT

45 TOLL ROAD

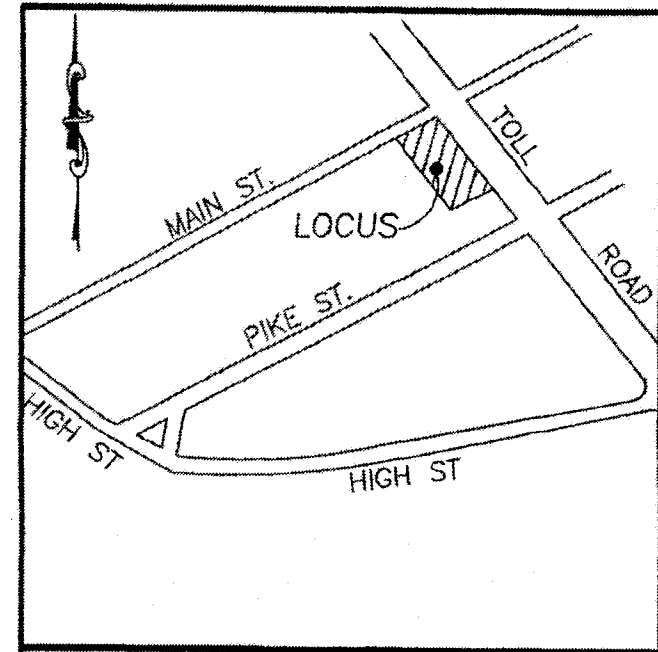
GRADING
PLAN

SHEET: 3 OF 7



SOILS LOGS

N.T.S.



LOCUS MAP
N.T.S.

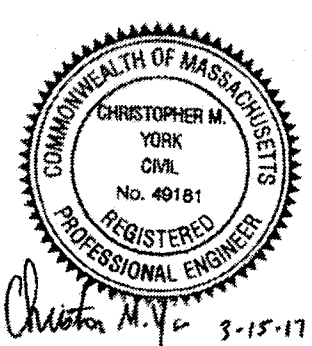
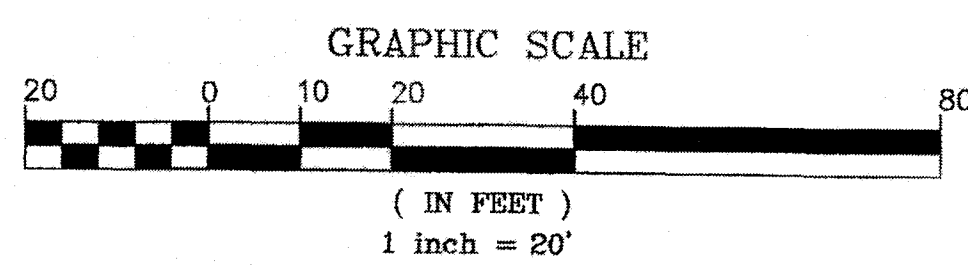
MAIN STREET

TOLL ROAD

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Fluorescence	Lumens Per Lamp	Light Loss Factor	Wattage
	A4	3	Lithonia Lighting	DSX0 LED 20C 1000 40K TFM MVOLT SPA	DSX0 LED WITH (1) 20 LED LIGHT ENGINES, TYPE TFM OPTIC, 4000K, @ 1000mA, mounted at 10ft	LED	1	DSX0 LED 20C 1000 40K TFM MVOLT SPA	6788	0.9	71.88
	B3	3	Lithonia Lighting	DSXW LED 20C 1000 40K TSM MVOLT DOBXD	DSXW LED WITH (3) 10 LED LIGHT ENGINES, TYPE TSM OPTIC, 4000K, @ 1000mA, mounted at 12ft	LED	1	DSXW LED 20C 1000 40K TSM MVOLT DOBXD	6192	0.9	73.2

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Outside of Parking Lot	+	0.2 fc	3.2 fc	0.0 fc	N/A	N/A
Parking Lot	+	1.6 fc	3.5 fc	0.3 fc	11.7:1	5.3:1

SITE LIGHTING DESIGNED BY VISIBLE LIGHT, INC.
603-926-6049



PREPARED FOR
CHIRAG REALTY, LLC
45 TOLL ROAD
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
4	3-15-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
3	3-1-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
2	2-6-17	REVISE SITE LAYOUT	C.M.Y.
1	10-17-16	DEPARTMENT REVIEW COMMENTS	C.M.Y.

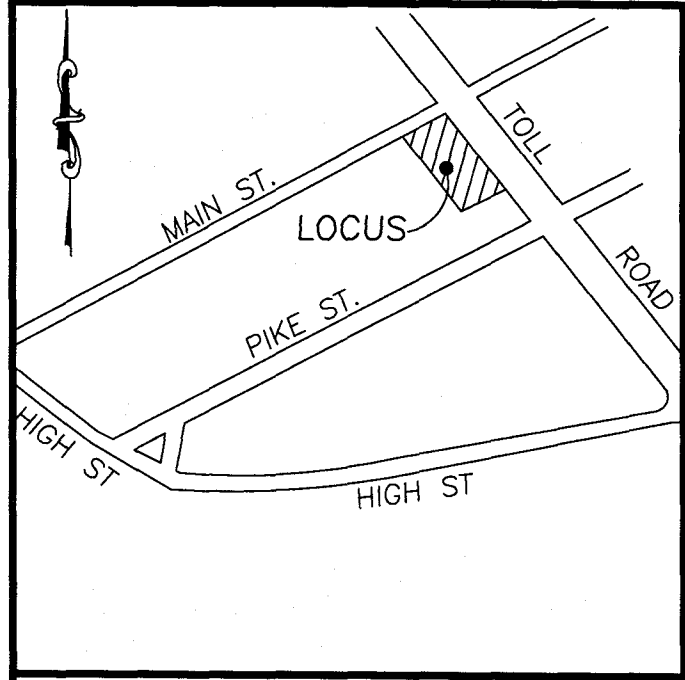
MEI **MILLENNIUM ENGINEERING, INC.**
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=20'
DATE: SEPT. 19, 2016
DESIGN BY: C.M.Y.
CHECKED BY: E.W.B.
PROJECT: M162939

PLAN OF LAND
IN
SALISBURY, MA
TO ACCOMPANY AN APPLICATION FOR
SITE PLAN REVIEW
AT
45 TOLL ROAD

LIGHTING PLAN

SHEET: 4 OF 7



LOCUS MAP
N.T.S.

R.O.W. PLANT LEGEND

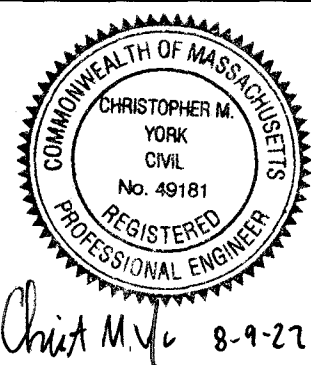
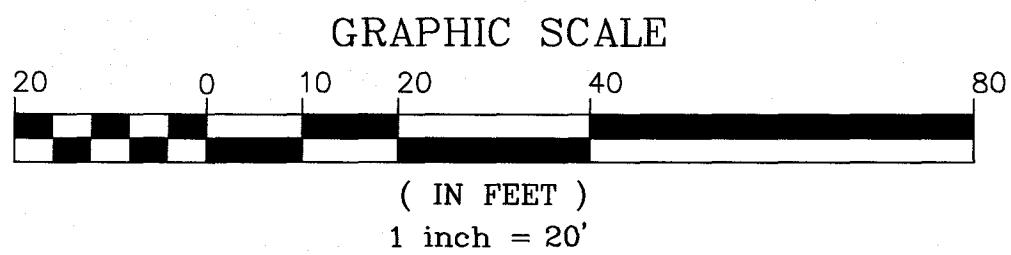
- 9 SEA GREEN JUNIPER - 3 GAL.
- 6 DWARF ANDROMEDA - 3 GAL.
- 6 NEST SPRUCE - 3 GAL.
- 6 DWARF INKERRY HOLLY - 3 GAL.
- 9 POTENTILLA - 3 GAL.
- 6 SUMMERSWEET - 3 GAL.
- 9 BLUE OAT GRASS - 3 GAL.
- 6 LITTLE PRINCESS SPIRAEA - 3 GAL.
- 9 FAIRY ROSE - 3 GAL.

LOT PLANT LEGEND

DECIDUOUS TREES	SIZE	NOTES	QTY
Quercus palustris Pin Oak	2.0" - 2.5" Cal.	Zone: 2 Salt: Medium	2
Acer rubrum Red maple	1.5" - 2.0" Cal.	Zone: 3 Salt: Tolerant	2
ORNAMENTAL TREES	SIZE	NOTES	QTY
Stewartia	1" - 1.5" Cal.	Zone: 4 Salt: Tolerant	2
Cornus Kousa Kousa Dogwood	1" - 1.5" Cal.	Zone: 5 Salt: Medium	2
River Birch 3-4 Stem Bunch	1" - 1.5" Cal.	Zone: 5 Salt: Medium	2
SHRUBS	SIZE	NOTES	QTY
Hypericum calycinum Rose of Sharon	3 Gallon	Zone: 5 Salt: Tolerant	1
Ilex glabra Inkberry	3 Gallon	Zone: 4 Salt: Medium	2
GROUNDCOVERS	SIZE	NOTES	QTY
Ilex x meserveae Dwarf Shrub Holly Scallywag	3 Gallon	Zone: 2 Salt: None	5
Hosta Frances Williams Hosta variety	3 Gallon	Zone: 4 Salt: Moderate	2
Nepata or Catmint Walker's Low	3 Gallon	Zone: 5 Salt: Tolerant	2
Coreopsis Verticillata Moonbeam	3 Gallon	Zone: 3 Salt: Tolerant	1
Vaccinium angustifolium Lowbush Blueberry	3 Gallon	Zone: 3 Salt: Tolerant	4
LANDSCAPE MATERIALS			
	Bark Mulch	3" depth	
	Shredded Organic Bark Mulch	all planting areas	

NOTES

- MULCH OUT TO THE DRIPLINE UNDER ALL TREES (MIN 3').



PREPARED FOR
CHIRAG REALTY, LLC
45 TOLL ROAD
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
6	8-9-22	WIDEN PARKING LOT	C.M.Y.
5	3-21-17	ADD REMOVE PAVEMENT NOTE	M.A.S.
4	3-15-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
3	3-1-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
2	2-6-17	REVISE SITE LAYOUT	C.M.Y.
1	10-17-16	DEPARTMENT REVIEW COMMENTS	C.M.Y.

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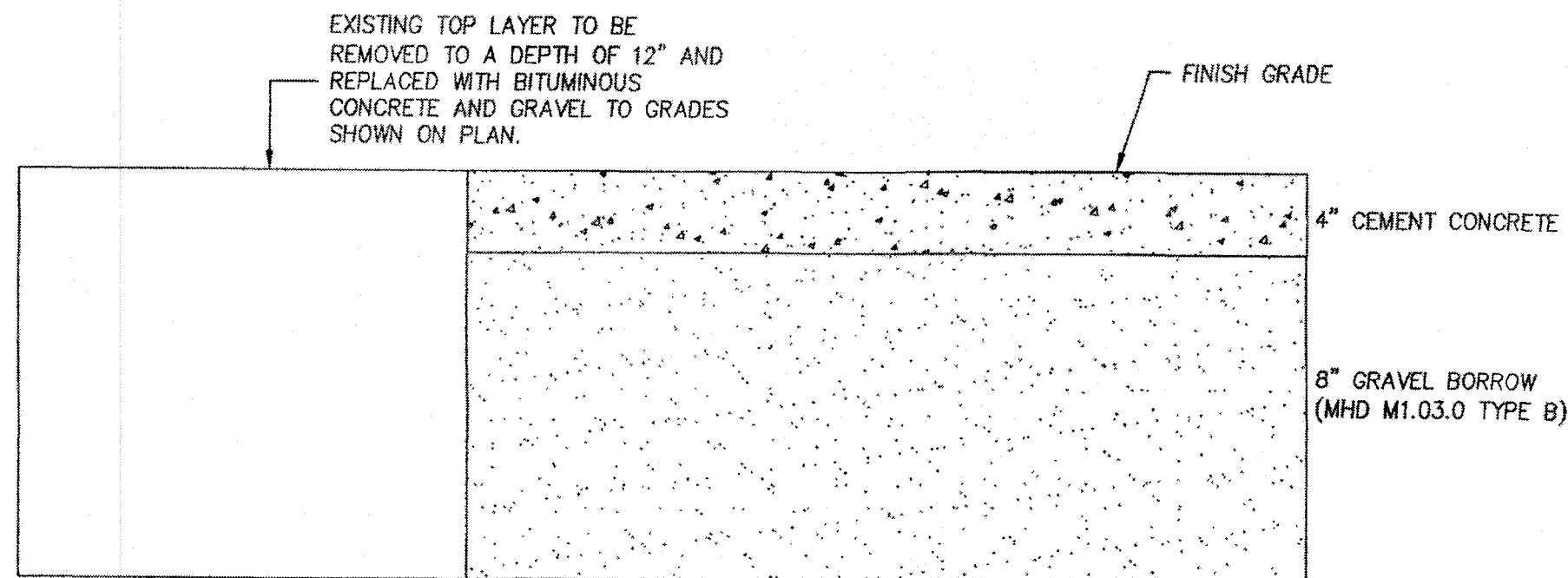
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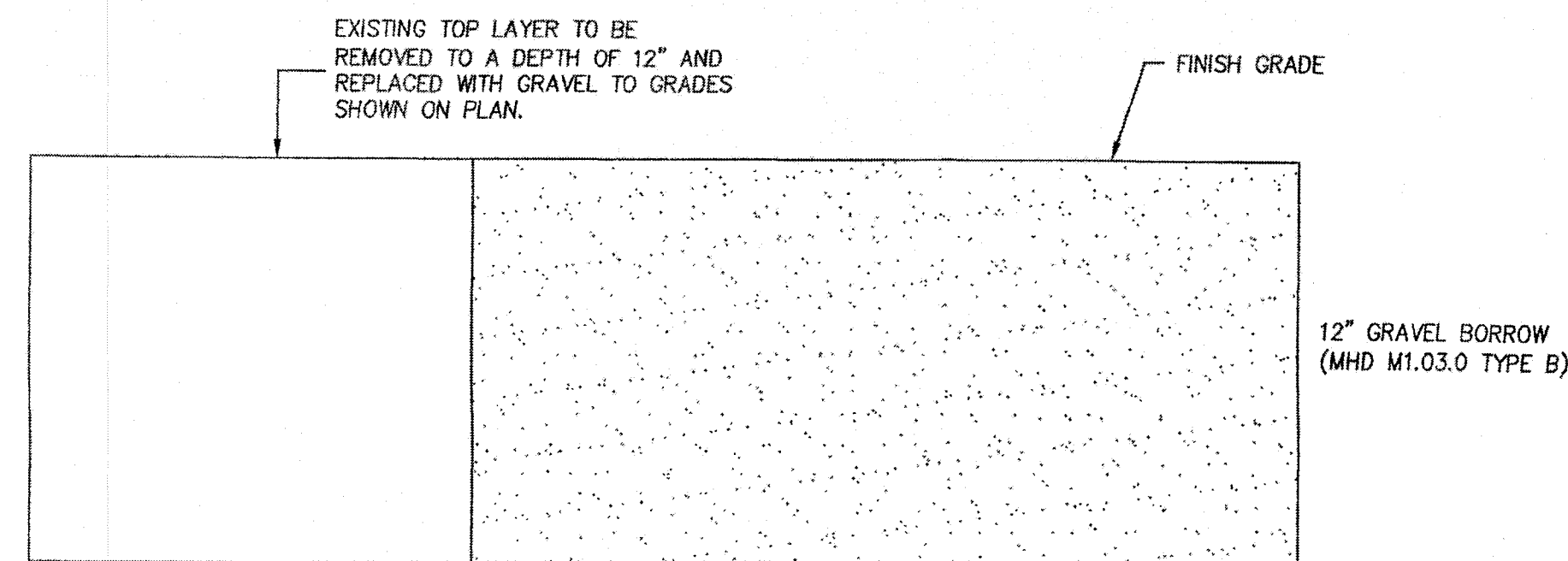
PLAN OF LAND
IN
SALISBURY, MA
TO ACCOMPANY AN APPLICATION FOR
SITE PLAN REVIEW
AT
45 TOLL ROAD

LANDSCAPE PLAN
SHEET: 5 OF 7



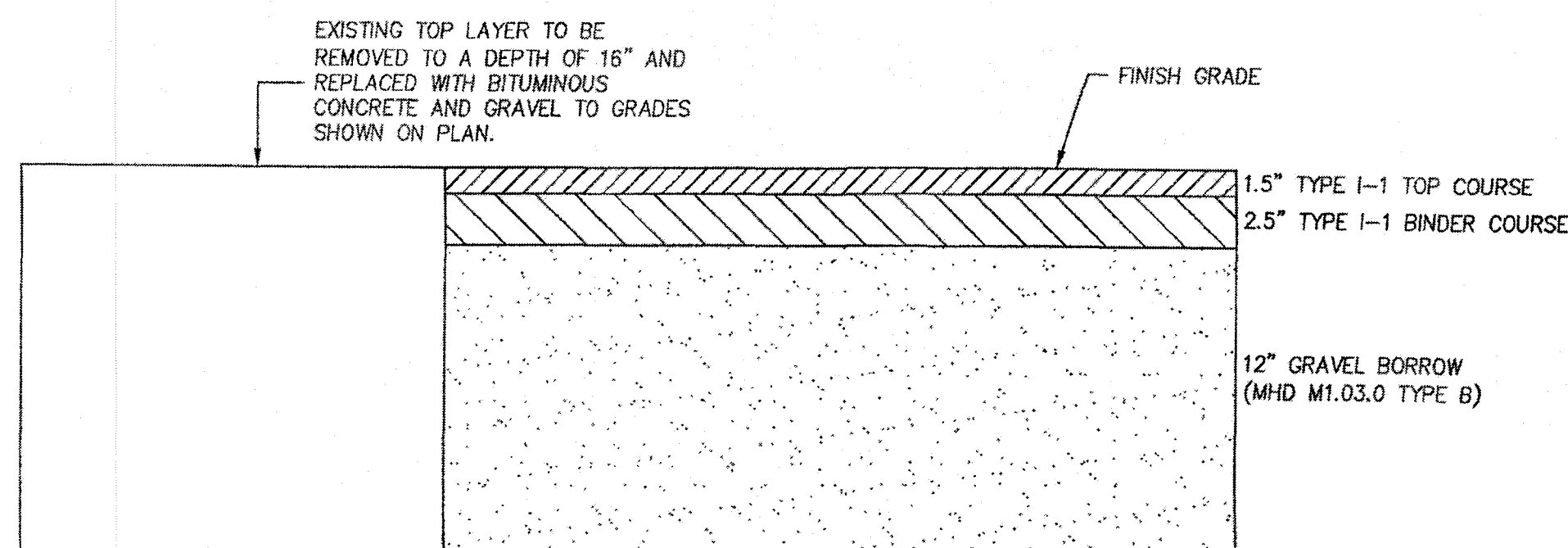
**CONCRETE SIDEWALK
DETAIL**

N.T.S.



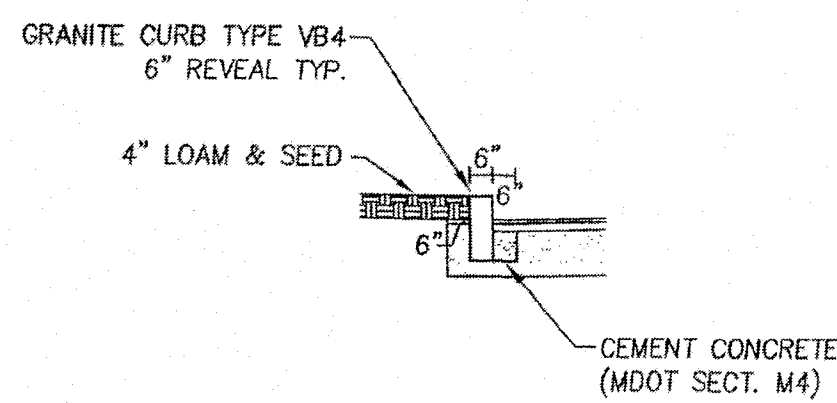
**GRAVEL DRIVEWAY
DETAIL**

N.T.S.



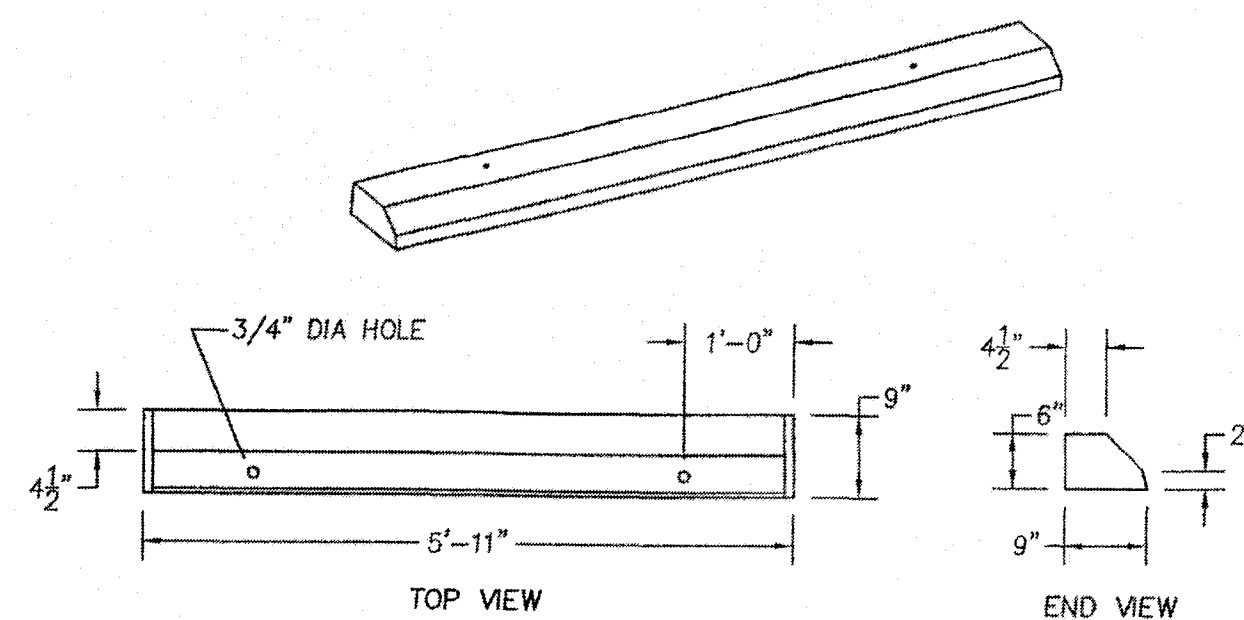
**PAVEMENT
DETAIL**

N.T.S.



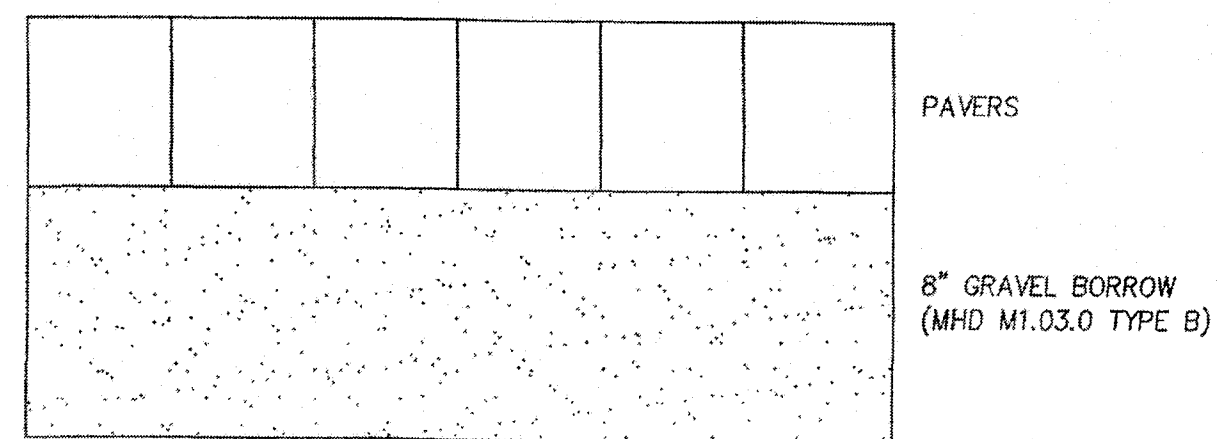
**TYPICAL GRANITE
CURB INSTALLATION**

N.T.S.



**BUMPER CURBING
DETAIL**

N.T.S.

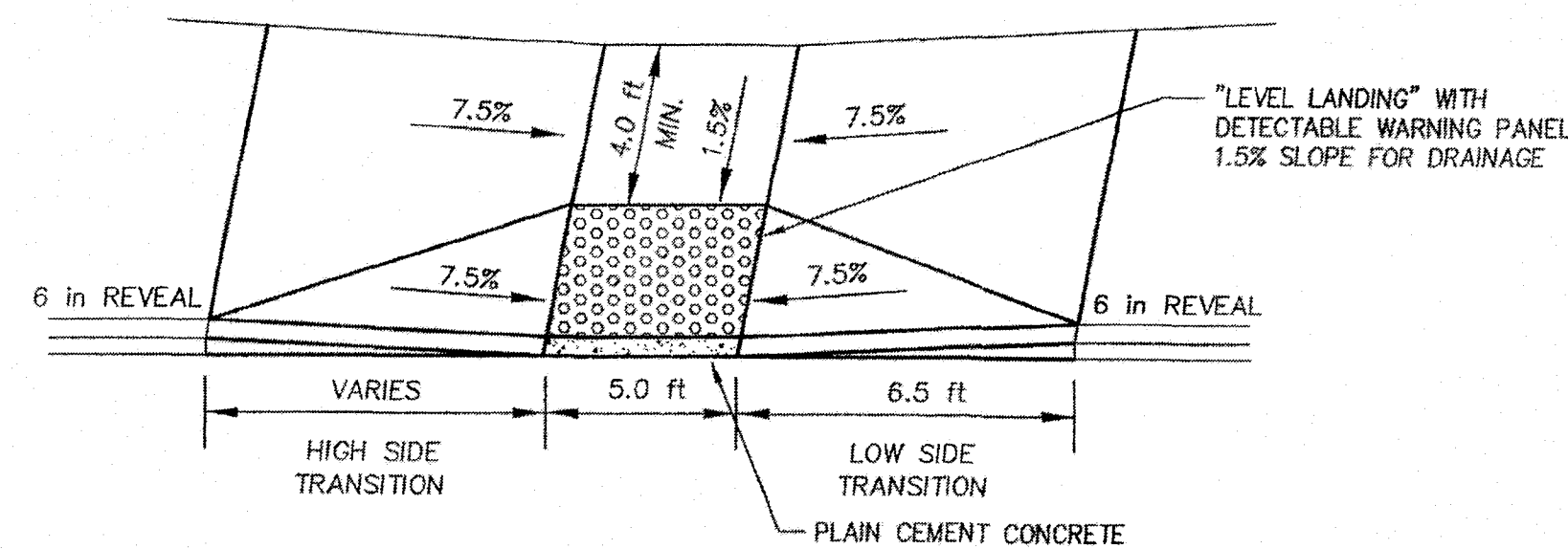


**PAVER
DETAIL**

N.T.S.

PAVEMENT NOTES

- 1.) 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.
- 2.) PAVEMENT SHALL NOT BE CONSTRUCTED DURING FREEZING WEATHER OR ON WET OR FROZEN SUBGRADE.
- 3.) 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.
- 4.) 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.
- 5.) AT ALL TIMES DURING CONSTRUCTION, THE SUB-GRADE AND ALL DITCHES SHALL BE CONSTRUCTED AND MAINTAINED SO THAT THE TRACK WILL EFFECTIVELY BE DRAINED.
- 6.) THE CONTRACTOR SHALL REFER TO THE SALISBURY PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND, SECTION III.

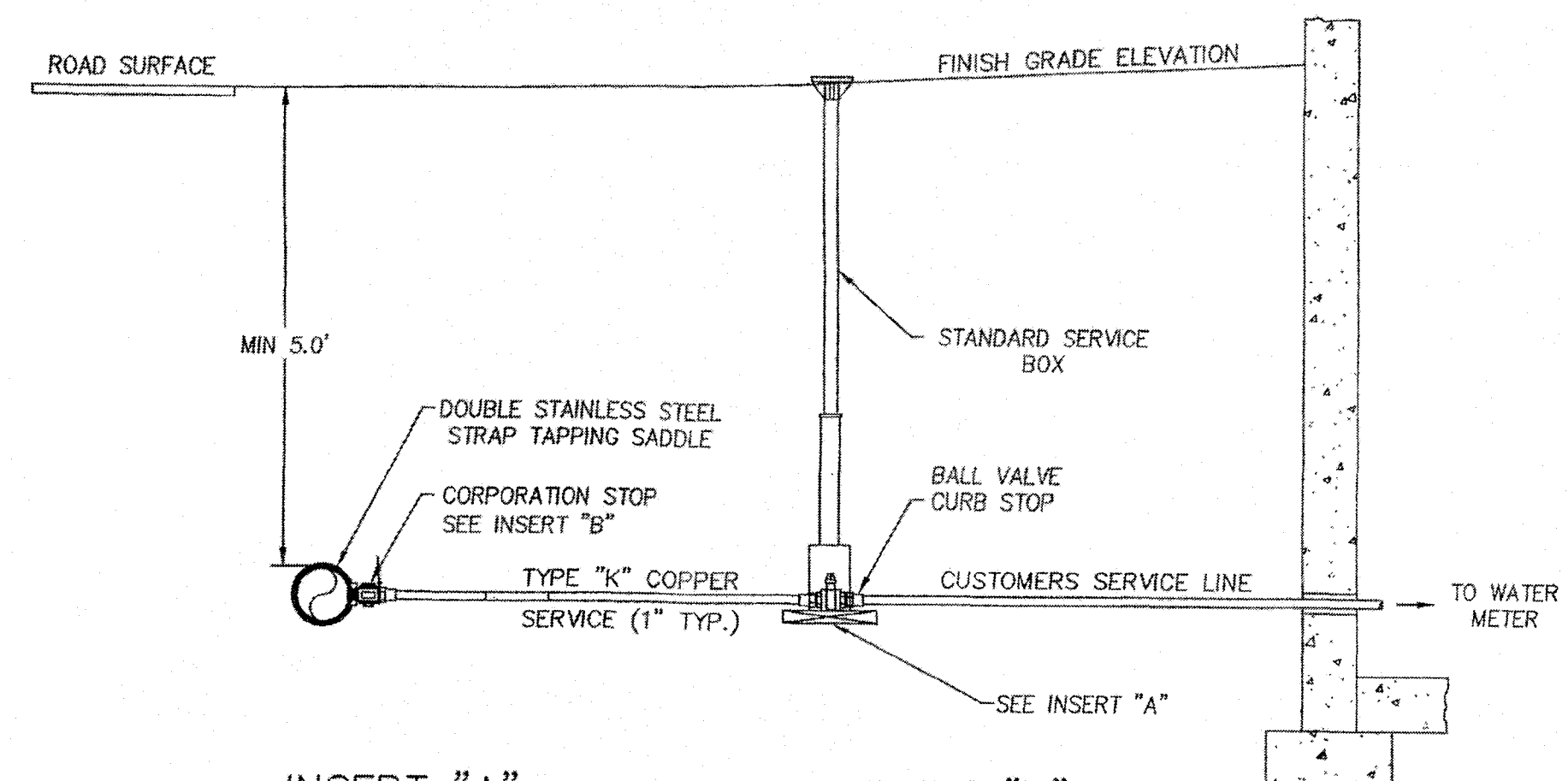


NOTES:

1. RAMP CROSS SECTION TO BE SAME AS SIDEWALK; I.E. DEPTH OF SURFACE AND FOUNDATION.
2. PORTLAND CEMENT CONCRETE RAMPS ARE TO BE TEXTURED BY BROOMING IN A DIRECTION PARALLEL TO THE LENGTH OF THE RAMP.
3. 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.
4. 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 3, ABOVE IS PROHIBITED.
5. RAMPS SHALL CONFORM TO MASSDOT WHEELCHAIR RAMP STANDARDS - LATEST REVISION.

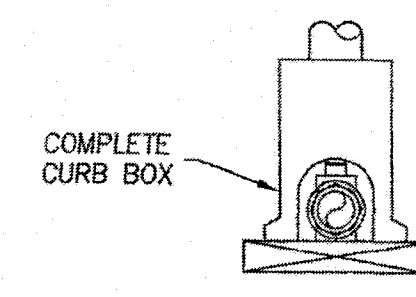
**A.D.A. ACCESS
RAMP DETAIL**

N.T.S.



INSERT "A"

INSERT "B"



NOTE

1. SERVICE CONNECTIONS FOR THE VARIOUS LOTS SHALL BE SIZED TO MEET THE REQUIREMENTS OF THE SPECIFIED USE. CONNECTIONS TO THE PROJECT WATER MAIN SHALL BE MADE WITH TAPPING SLEEVES AND VALVES.

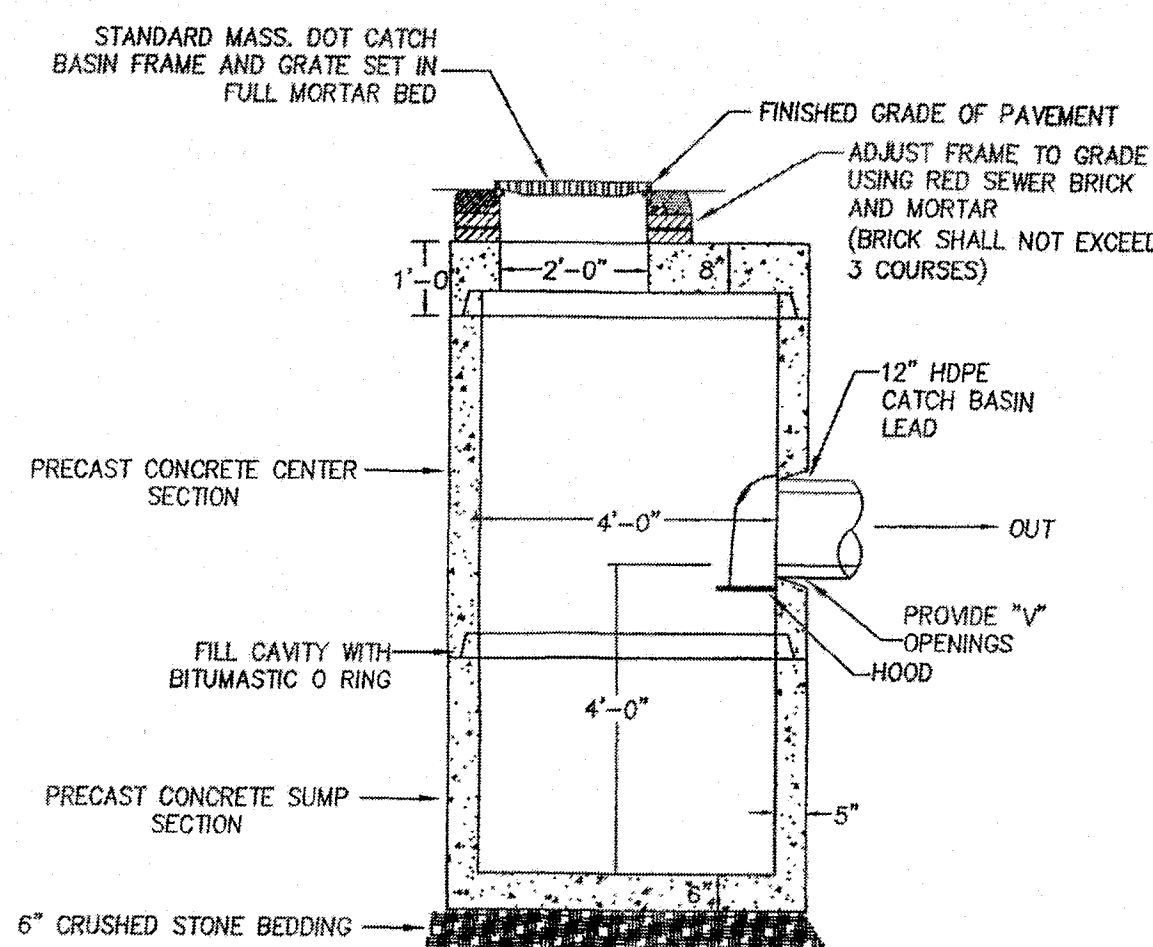
**TYPICAL COPPER
SERVICE CONNECTION**

N.T.S.

MATERIAL NOTES

ALL MATERIALS OF THE ELEMENTS IN THE SITE PLAN MUST CONFORM TO THE FOLLOWING STANDARDS:

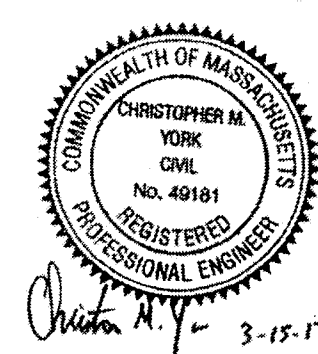
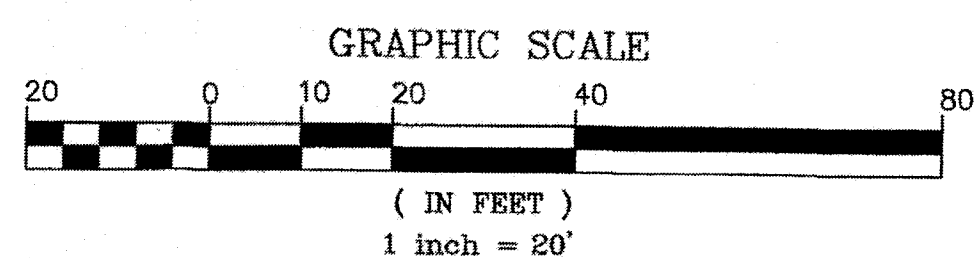
1. COMMONWEALTH OF MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES (LATEST EDITION)
2. 521 CMR RULES AND REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD (AAB) AND THE AMERICANS WITH DISABILITIES ACT (ADA)
3. SPECIFICATIONS BY THE TOWN OF SALISBURY AS SET FORTH BY SECTION III IN THE PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND, DATED MAY 1, 2012
4. UTILITIES INSTALLED PER SALISBURY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS



- 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
CHIRAG REALTY, LLC
45 TOLL ROAD
SALISBURY, MA 01952

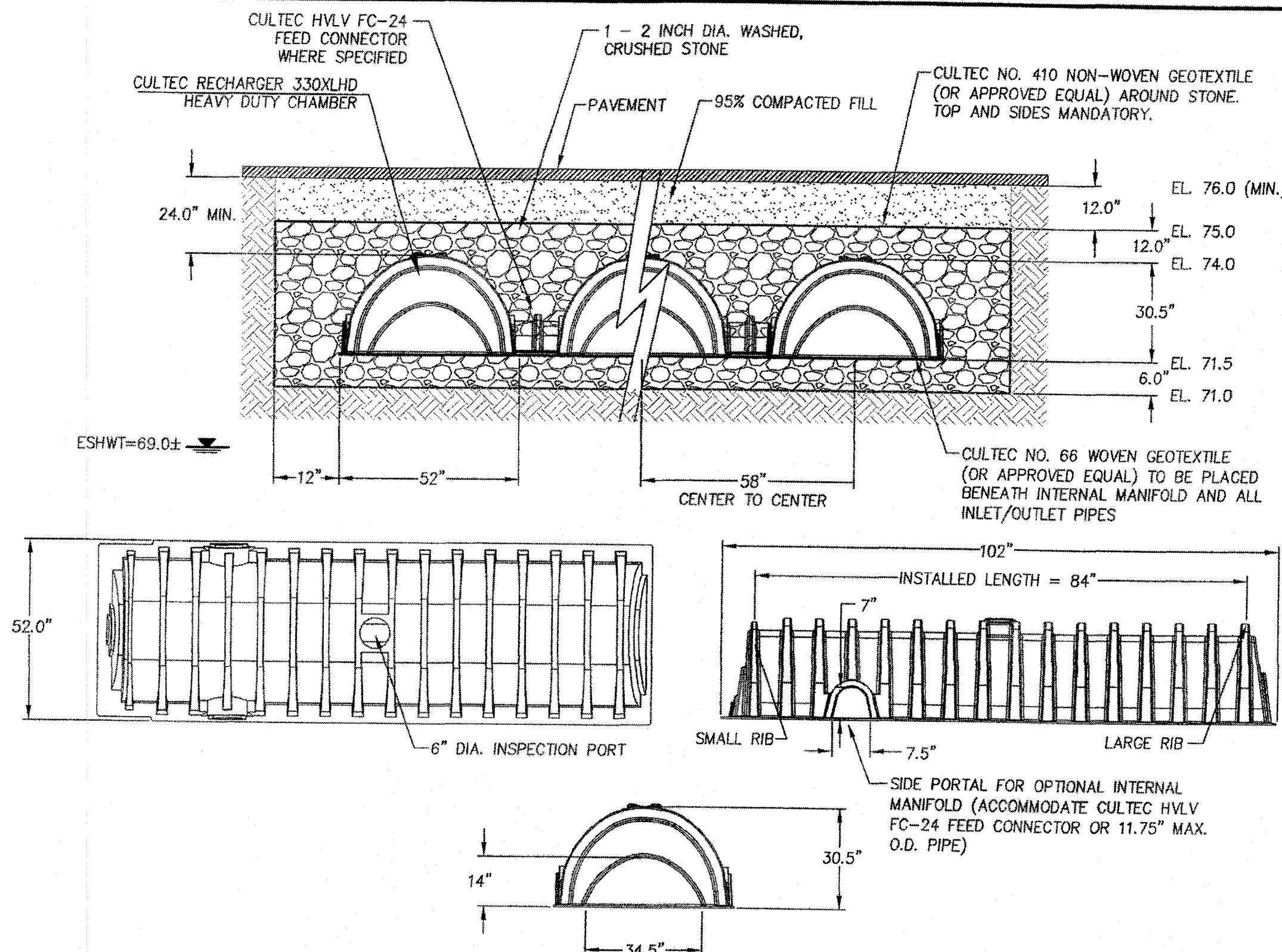
NO.	DATE	DESCRIPTION	BY
4	3-15-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
3	3-1-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
2	2-6-17	REVISE SITE LAYOUT	C.M.Y.
1	10-17-16	DEPARTMENT REVIEW COMMENTS	C.M.Y.

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'	DATE: SEPT. 19, 2016
DESIGN BY: C.M.Y.	PROJECT: M162939
CHECKED BY: E.W.B.	

PLAN OF LAND
IN
SALISBURY, MA
TO ACCOMPANY AN APPLICATION FOR
SITE PLAN REVIEW
AT
45 TOLL ROAD

**SITE &
UTILITY
DETAILS**

SHEET: 6 OF 7

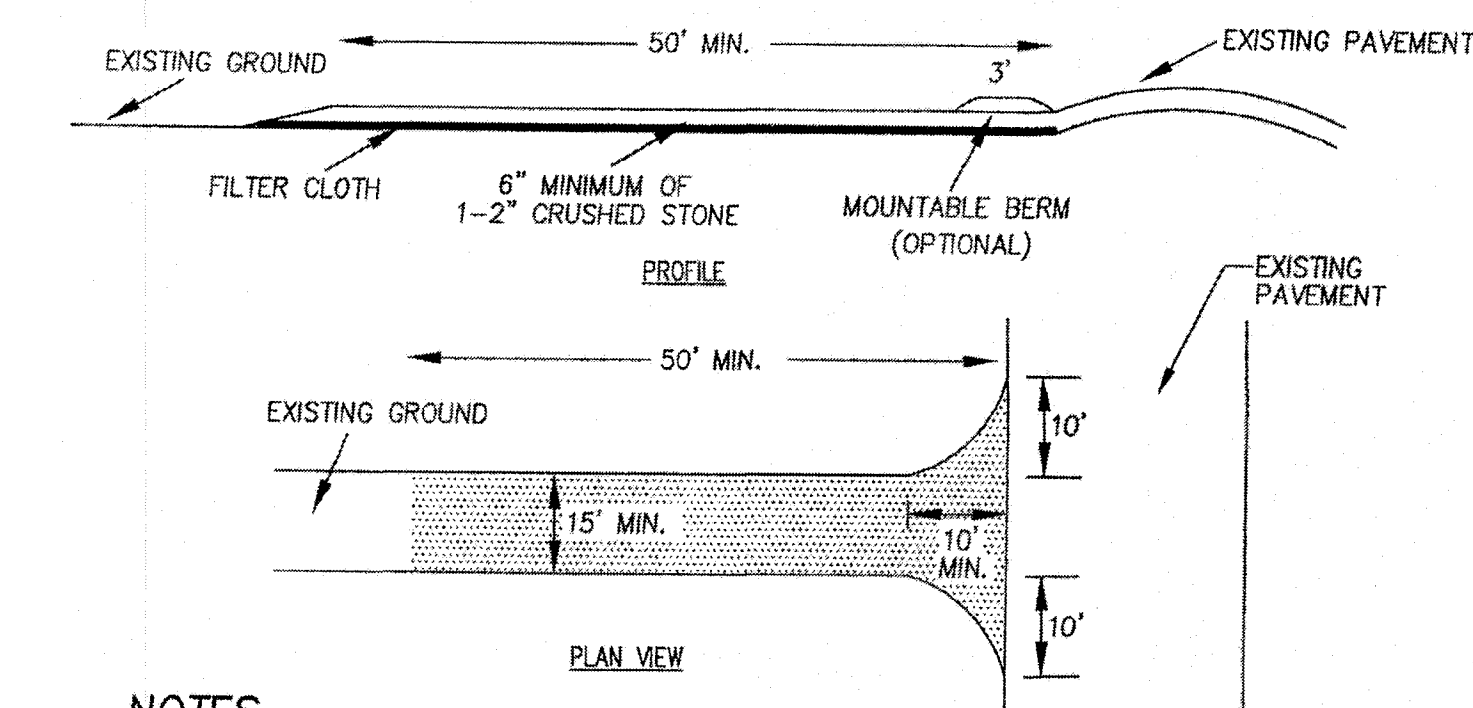


GENERAL NOTES:

- 1) RECHARGER 330XLHD BY CULTEC, INC. OF BROOKFIELD, CT. ALL RECHARGER 330XLHD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION.
- 2) CULTEC RECHARGER 330XLHD CHAMBER STORAGE = 7.46 CF/LF.
- 3) ALL RECHARGER 150HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER. 6" STONE ABOVE THE CHAMBER OPTIONAL FOR ADDITIONAL STORAGE.

CULTEC RECHARGER 330XLHD DETAILS

N.T.S.

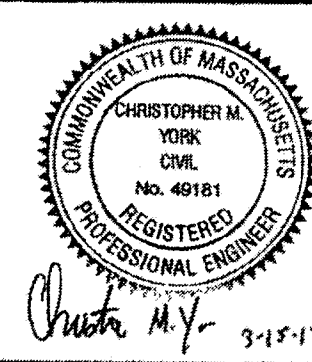
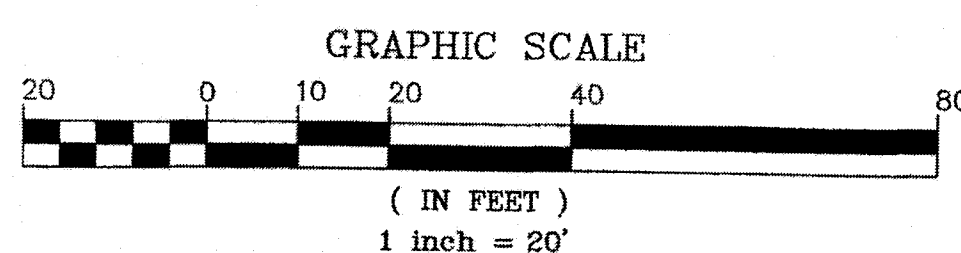


NOTES

1. STONE SHALL BE 1-2" 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 6".
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. 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.
7. 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 (AS REQ'D)

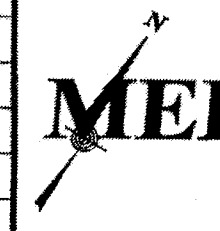
N.T.S.



PREPARED FOR

CHIRAG REALTY, LLC
45 TOLL ROAD
SALISBURY, MA 01952

NO.	DATE	DESCRIPTION	BY
4	3-15-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
3	3-1-17	ADDRESS REVIEWER'S COMMENTS	C.M.Y.
2	2-6-17	REVISE SITE LAYOUT	C.M.Y.
1	10-17-16	DEPARTMENT REVIEW COMMENTS	C.M.Y.



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

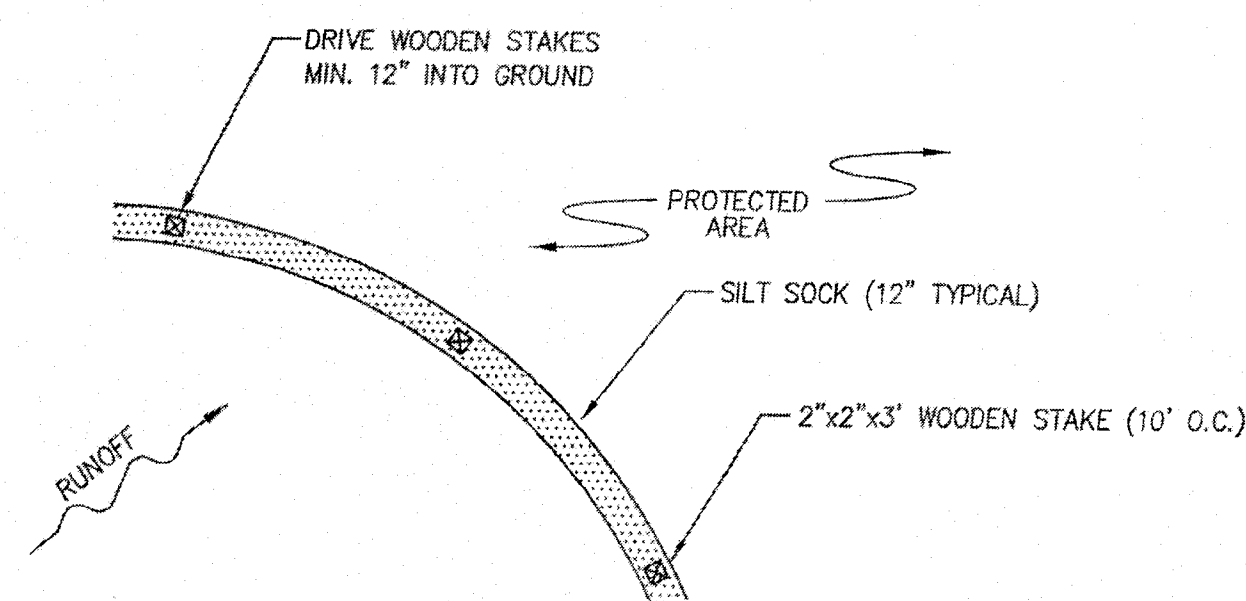
SCALE: 1"=20'

DESIGN BY: C.M.Y.

PROJECT: M162939

SILT SOCK INSTALLATION

N.T.S.



NOTES

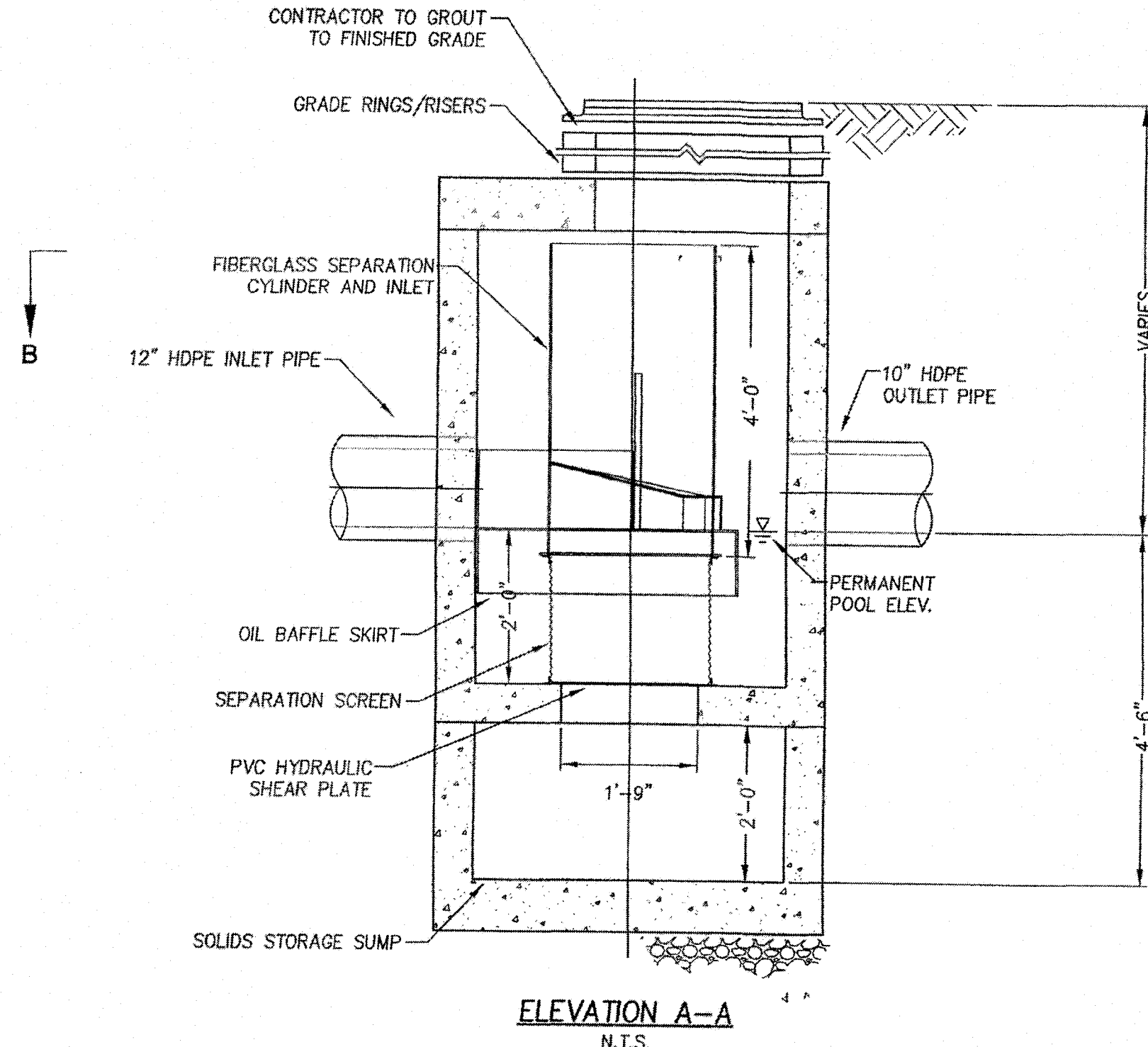
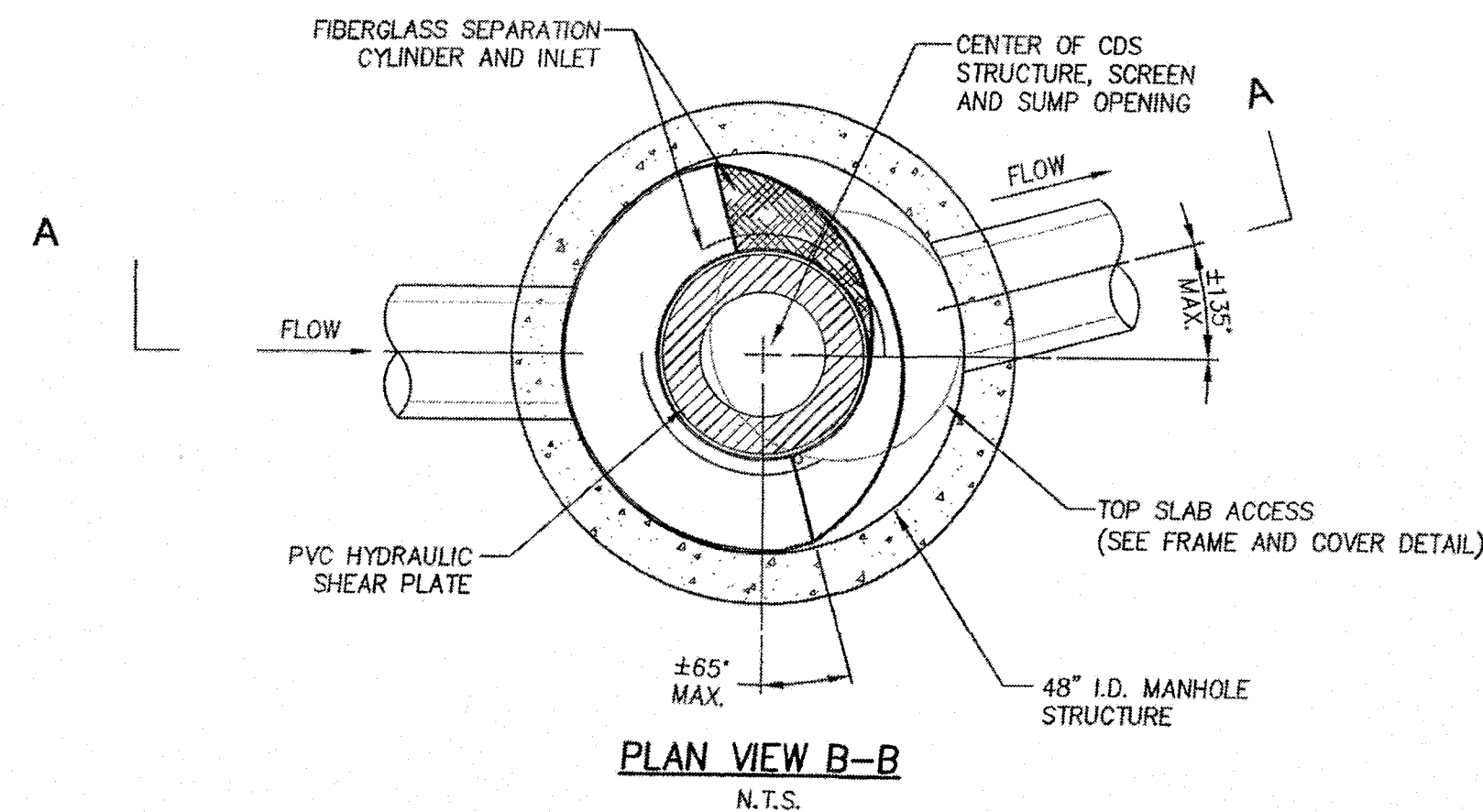
1. ALL MATERIAL SHALL MEET SPECIFICATIONS BY FILTREXX OR APPROVED EQUAL.
2. SILT SOCK SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
3. THE CONTRACTOR SHALL REMOVE SEDIMENT AT THE BASE OF THE 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.

PLAN OF LAND IN SALISBURY, MA

TO ACCOMPANY AN APPLICATION FOR
SITE PLAN REVIEW
AT
45 TOLL ROAD

DRAINAGE & EROSION CONTROL DETAILS

SHEET: 7 OF 7



CDS2015-4-C DETAIL

N.T.S.

CONSTRUCTION SEQUENCE

1. INSTALL SILT FENCE AT LIMIT OF WORK.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE IF REQUIRED.
3. INSTALL TEMPORARY CONSTRUCTION FENCING TO SEPARATE CONSTRUCTION AREA FOR PROPOSED BUILDING FROM CUSTOMER PARKING.
4. CLEAR AND EXCAVATE FOR BUILDING FOUNDATION.
5. BEGIN BUILDING CONSTRUCTION.
6. INSTALL PROPOSED UTILITIES TO BUILDING FOOTPRINT INCLUDING DRAINAGE SYSTEM, WATER SERVICE AND PRIVATE UTILITIES. INSTALL PROPOSED SEPTIC SYSTEM (OR MUNICIPAL SERVICE CONNECTION).
7. COMPLETE BUILDING CONSTRUCTION.
8. INSTALL TEMPORARY CONSTRUCTION FENCING AROUND EXISTING BUILDING AREA.
9. REMOVE EXISTING BUILDING AND CLEAR/GRADE AREA.
10. EXCAVATE AND GRADE EXISTING PAVEMENT AREAS.
11. INSTALL CURBING, SIDEWALKS AND PROPOSED PAVEMENT TO BINDER GRADE.
12. INSTALL TOP COURSE PAVEMENT AND PAVEMENT MARKINGS.
13. INSTALL LANDSCAPING AND LOAM/SEED ANY DISTURBED SURFACES ALONG EDGES OF PAVEMENT.
14. REMOVE CONSTRUCTION FENCING AND EROSION CONTROL.