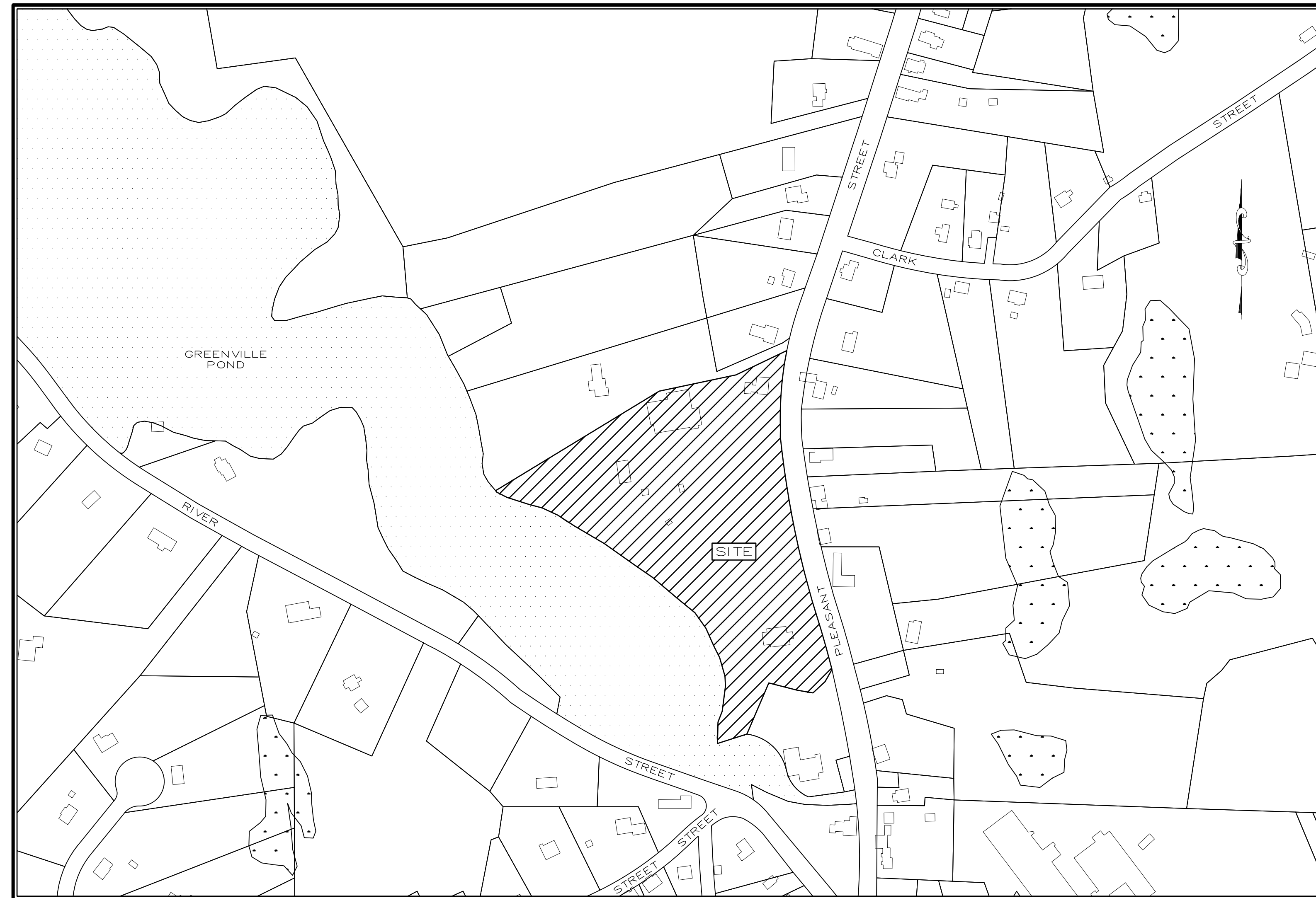


**SITE PLAN MODIFICATION
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET
LEICESTER, MA 01542
FEBRUARY 14, 2020**



SITE LOCUS

1" = 200'

DRAWING INDEX

C-1	TITLE SHEET
C-2	EXISTING CONDITIONS PLAN
C-3	SITE LAYOUT PLAN
C-4	SEDIMENTATION AND EROSION CONTROL PLAN
C-5	PHOTOMETRIC LIGHTING PLAN
C-6	CONSTRUCTION DETAILS
C-7	CONSTRUCTION DETAILS

GENERAL SITE NOTES:

1. PURPOSE OF THIS PLAN IS TO SHOW A PROPOSED SITE PLAN MODIFICATION TO THE ORIGINAL APPROVED SITE PLANS DATED 5-27-04 BY CUOCO & CORMIER ENGINEERING ASSOCIATED INC. FOR THE GREENVILLE BAPTIST CHURCH LOCATED AT 674 PLEASANT STREET, LEICESTER, MA.
2. EXISTING CONDITIONS AND TOPOGRAPHY ARE BASED ON A FIELD SURVEY BY McCLURE ENGINEERING, INC. IN DEC 2019.
3. ALL UNDERGROUND UTILITIES ARE APPROXIMATE AND DERIVED FROM A PLANS DRAWN BY CUOCO AND CORMIER DATED 5-27-2004. CONTRACTOR TO VERIFY LOCATIONS PRIOR TO CONSTRUCTION.
4. WETLANDS FLAGGED BY SCOTT MORRISON OF ECOTEC, INC. ON JUNE 25, 2002
5. A PORTION OF THE SITE DOES LIE WITHIN THE SPECIAL FLOOD HAZARD AREA AS REFERENCED ON NATIONAL FLOOD INSURANCE RATE MAP NO. 25027C0783E, FOR COMMUNITY NO. AND DATED JULY 4, 2011. NO PROPOSED WORK IS LOCATED WITHIN THE FLOOD AREAS.

LEICESTER PLANNING BOARD
SITE PLAN APPROVAL

DATE: _____



**PETER C.
ENGLE P.E.
PROFESSIONAL ENGINEER**

MA LIC. NO. 53736

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ENGINEERING, INC.
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TE PLAN MODIFICATION
674 PLEASANT STREET
LEICESTER, MA 01542

PREPARED FOR
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET
LEICESTER, MA 01542

DRAWN BY:	AB
DATE:	2/14/2020
CHECK BY:	PE
SCALE:	1" = 200'
PROJ. NO.	151-2058-K

TITLE SHEET

C-1



LOCUS PLAN
N.T.S.

LEGEND	
	GUY WIRE
	UTILITY POLE
	BOLLARD
	DRAINAGE MANHOLE
	SEWER MANHOLE
	SIGN
	WETLAND FLAG
	HYDRANT
	OVERHEAD PARKING LOT LIGHT
	LIGHT
	EXISTING DRAINAGE LINE
	EXISTING SEWERAGE LINE
	EXISTING WATER LINE
	EXISTING OVERHEAD WIRES
	EXISTING UNDERGROUND ELECTRIC
	CHAINLINK FENCE
	STOCKADE FENCE

DISTRICT	GREENVILLE VILLAGE NB
MIN. LOT SIZE	10,000 sq.ft.
MIN. FRONTAGE	120'
MIN. FRONT YARD DEPTH	25'
MIN. SIDE YARD DEPTH	15'
MIN. REAR YARD DEPTH	25'
MAX. BUILDING HEIGHT	25' (2.0 STORIES)
MAX. LOT COVERAGE	40%

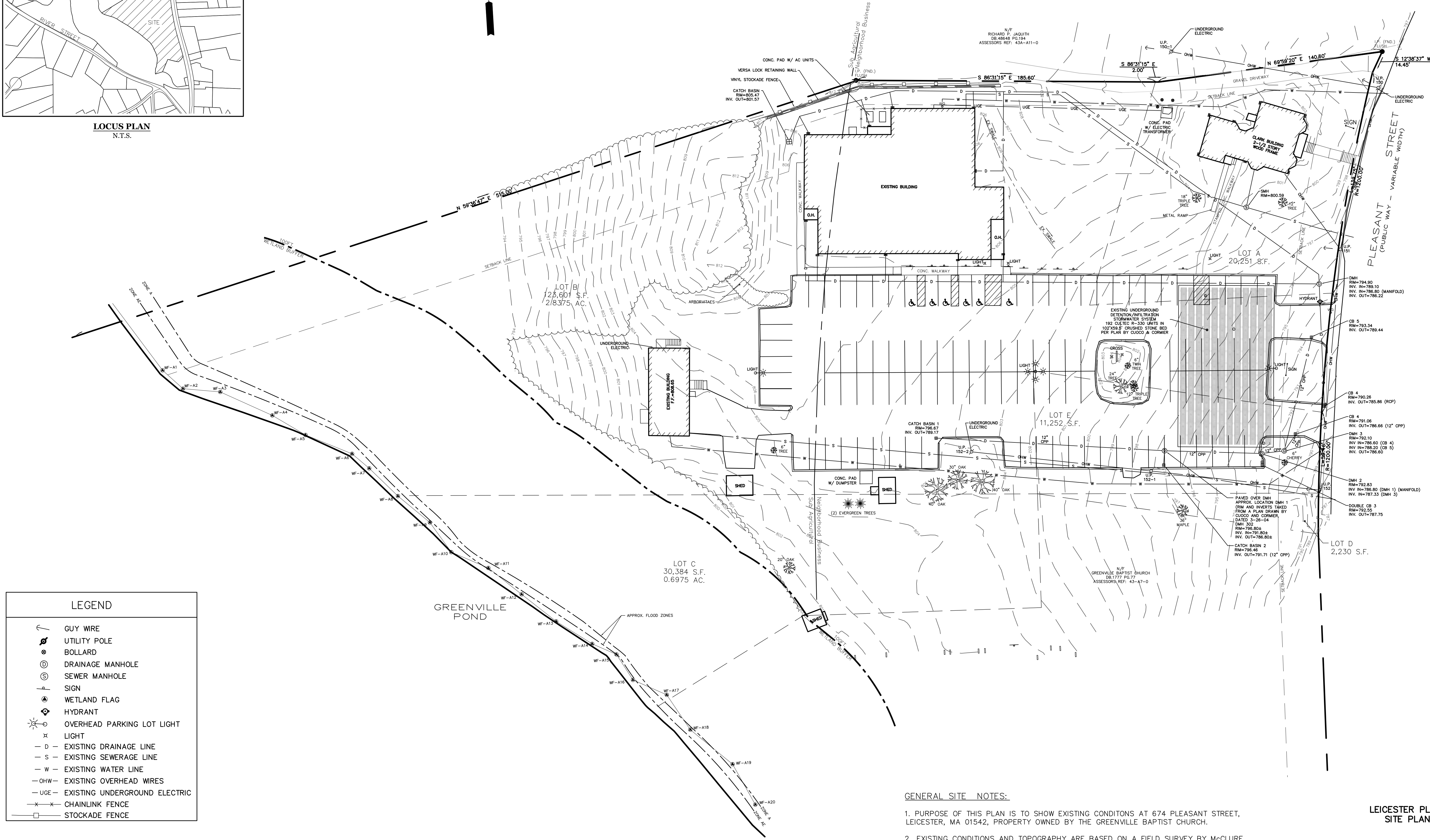
DISTRICT	SUB-AGRICULTURAL
MIN. LOT SIZE	80,000 sq.ft.
MIN. FRONTAGE	200'
MIN. FRONT YARD DEPTH	40'
MIN. SIDE YARD DEPTH	40'
MIN. REAR YARD DEPTH	40'
MAX. BUILDING HEIGHT	35' (2.5 STORIES)
MAX. LOT COVERAGE	30%

TAX MAP REFERENCES:
MAP 43A, PARCEL A13 AND A14
MAP 43, PARCEL A7

RECORD OWNER:
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET
LEICESTER, MA 01542

DEED REFERENCES:
(WORCESTER COUNTY REGISTRY OF DEEDS)
LOCUS DEED:
DEED BOOK 3907 PAGE 106
DEED BOOK 1777 PAGE 77

PLAN REFERENCES:
(WORCESTER COUNTY REGISTRY OF DEEDS)
PLAN BOOK 518 PLAN 47
PLAN BOOK 643 PLAN 40 (LOCUS)



GENERAL SITE NOTES:

- PURPOSE OF THIS PLAN IS TO SHOW EXISTING CONDITIONS AT 674 PLEASANT STREET, LEICESTER, MA 01542, PROPERTY OWNED BY THE GREENVILLE BAPTIST CHURCH.
- EXISTING CONDITIONS AND TOPOGRAPHY ARE BASED ON A FIELD SURVEY BY MCCLURE ENGINEERING, INC. IN DEC 2019.
- ALL UNDERGROUND UTILITIES ARE APPROXIMATE AND DERIVED FROM A PLANS DRAWN BY CUOCO AND CORMIER DATED 5-26-2004. CONTRACTOR TO VERIFY LOCATION PRIOR TO CONSTRUCTION.
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LEICESTER PLANNING BOARD
SITE PLAN APPROVAL

DATE:

SITE PLAN MODIFICATION
674 PLEASANT STREET
LEICESTER, MA 01542
PREPARED FOR
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET
LEICESTER, MA 01542

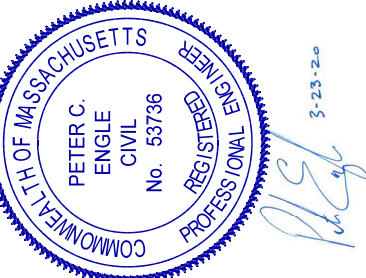
DRAWN BY: AB
DATE: 2/14/2020
CHK BY: PE
SCALE: 1" = 30'
PROJ. NO. 151-2058-K

EXISTING
CONDITIONS

C-2

McCLURE
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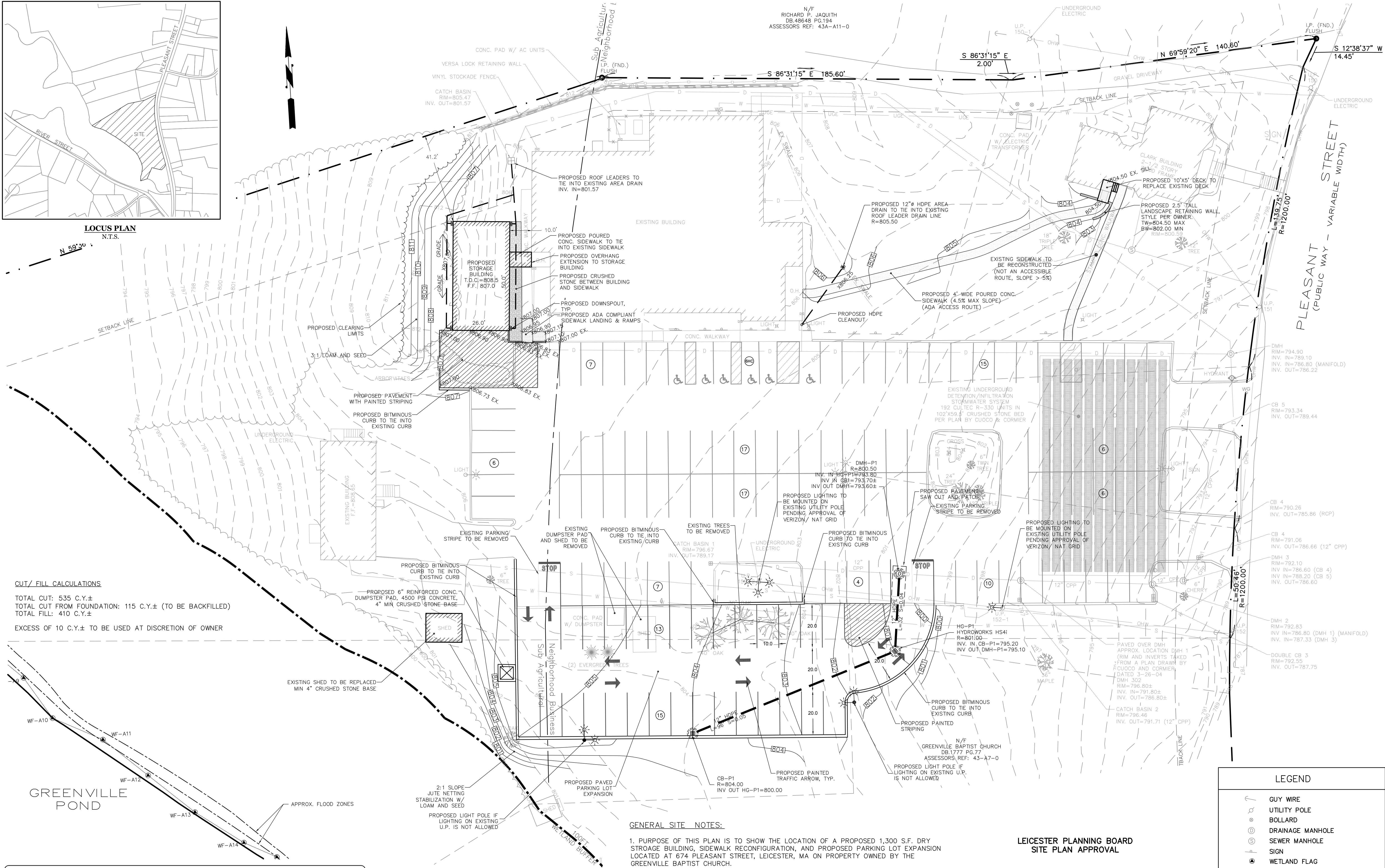
PETER C.
ENGLE P.E.
PROFESSIONAL ENGINEER

MA LIC. NO. 53736

REV	DATE	DESCRIPTION	REVISIONS	MADE APVD
1	3.23.20	PER CLIENT & PEER REVIEW	PE	PE



LOCUS PLAN
N.T.S.



CUT/ FILL CALCULATIONS
TOTAL CUT: 535 C.Y.±
TOTAL CUT FROM FOUNDATION: 115 C.Y.± (TO BE BACKFILLED)
TOTAL FILL: 410 C.Y.±
EXCESS OF 10 C.Y.± TO BE USED AT DISCRETION OF OWNER

GREENVILLE POND

DISTRICT DIMENSIONAL REGULATIONS			
DISTRICT USE	NEIGHBORHOOD BUSINESS/ SUBURBAN AGRICULTURAL CHURCH		
	REQUIRED	EXISTING	PROPOSED
MIN. LOT SIZE	20,000 S.F. / 80,000 S.F.	187,720 S.F.±	187,720 S.F.±
MIN. FRONTAGE	100' / 200'	750'±	750'±
MIN. FRONT YARD DEPTH	25' / 40'	32.5'±	32.5'±
MIN. SIDE YARD DEPTH	15' / 40'	17'±	17'±
MIN. REAR YARD DEPTH	25' / 40'	129'±	129'±
MAX. BUILDING HEIGHT	25' / 35'	25'±	25'±
MAX. BUILDING COVERAGE	40% / 30%	6.8%	7.5%

ADA PARKING CALCULATIONS

TOTAL EXISTING PARKING SPACES:106

TOTAL PROPOSED PARKING SPACES:129

TOTAL ADA SPACES REQUIRED: 5 (1 VAN)

TOTAL ADA SPACES PROVIDED (EXISTING): 6 (2 VAN)

GENERAL SITE NOTES:

- PURPOSE OF THIS PLAN IS TO SHOW THE LOCATION OF A PROPOSED 1,300 S.F. DRY STORAGE BUILDING, SIDEWALK RECONFIGURATION, AND PROPOSED PARKING LOT EXPANSION LOCATED AT 674 PLEASANT STREET, LEICESTER, MA ON PROPERTY OWNED BY THE GREENVILLE BAPTIST CHURCH.
- EXISTING CONDITIONS AND TOPOGRAPHY ARE BASED ON A FIELD SURVEY BY McCLURE ENGINEERING, INC. IN DEC 2019.
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LEICESTER PLANNING BOARD
SITE PLAN APPROVAL

DATE:

LEGEND

- GUY WIRE
- UTILITY POLE
- BOLLARD
- DRAINAGE MANHOLE
- SEWER MANHOLE
- SIGN
- WETLAND FLAG
- HYDRANT
- OVERHEAD PARKING LOT LIGHT
- LIGHT
- EXISTING DRAINAGE LINE
- EXISTING SEWERAGE LINE
- EXISTING WATER LINE
- EXISTING OVERHEAD WIRES
- EXISTING UNDERGROUND ELECTRIC
- CHAINLINK FENCE
- STOCKADE FENCE

SITE PLAN MODIFICATION

674 PLEASANT STREET
LEICESTER, MA 01542
PREPARED FOR
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET
LEICESTER, MA 01542

DRAWN BY: PE
DATE: 2/14/2020
CHK BY: PE
SCALE: 1" = 20'
PROJ. NO. 151-2058-K

SITE LAYOUT PLAN

C-3

McCLURE
ENGINEERING, INC

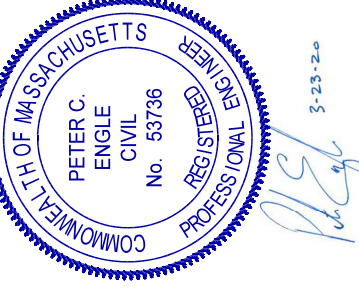
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PETER C.
ENGLE P.E.
PROFESSIONAL ENGINEER

MA LIC. NO. 53736



REV	DATE	DESCRIPTION	REVISIONS	MADE
1	3.23.20	PER CLIENT & PEER REVIEW	PE	PE

THE OWNER/ PERMITTEE SHALL:

A. PROVIDE THE CONTRACTOR WITH COPIES OF LAND-USE PERMITS THAT THE OWNER HAS ACQUIRED.

B. INFORM ALL PARTIES INVOLVED WITH THE PROPOSED SITE WORK OF THIS PLAN'S OBJECTIVES AND REQUIREMENTS.

THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING EROSION OF THE SITE AND FOR PROTECTING ADJACENT PROPERTIES, STORM SEWERS AND WATERWAYS FROM SEDIMENTATION.

THE CONTRACTOR SHALL:

A. INSTALL, MONITOR, AND MAINTAIN ALL OF THE SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THIS PLAN

B. COMPLY WITH ALL PERMIT REQUIREMENTS.

THE PERMITEE, OWNER-OF-RECORD, CONTRACTOR, ENGINEER, AND THE TOWN SHALL HOLD A "PRE-CONSTRUCTION" CONFERENCE REVIEW THE PROPOSED SOIL EROSION AND SEDIMENT CONTROL MEASURES.

1. CLEANING OF STORMWATER STRUCTURES:
CLEAN ALL STORMWATER STRUCTURES INCLUDING, BUT NOT LIMITED TO, PIPES, SWALES, SUBSURFACE RETENTION BASINS, SEDIMENT TRAPS, AND RIPRAP APRONS OF SEDIMENT UPON COMPLETION OF THE PROJECT.

2. **CONSTRUCTION ENTRANCE:**
PLACE CLEAN WASHED STONE AT THE SITE ENTRANCES TO THE LENGTH, WIDTH AND DEPTH INDICATED ON THE PLANS AND DETAILS TO HELP REMOVE MUD AND/OR CLOUDS OF SOIL FROM CONSTRUCTION VEHICLES EXITING FROM THE SITE. ADD ADDITIONAL STONE AS NECESSARY TO MAINTAIN ADEQUATE SERVICEABILITY.
2. **PAYMENT MAINTENANCE:**
THE CONTRACTOR SHALL SWEEP PAVED ROADWAYS ADJACENT TO THE SITE ON A ROUTINE BASIS TO PREVENT TRACKING OF MUD ONTO PUBLIC ROADWAYS AND WASHING OF MUD INTO WATERWAYS. IF THE CONTRACTOR'S METHOD FOR CLEANING THE PAVEMENT IS FOUND TO BE INADEQUATE BY THE OWNER, OWNER'S REPRESENTATIVE, OR TOWN, THE CONTRACTOR SHALL INCREASE THE FREQUENCY AT NO ADDITIONAL COST TO THE OWNER.

TEMPORARY STABILIZATION MEASURES

INSTALL STRAW WATTLES AT VARIOUS LOCATIONS AS SHOWN ON THE PLANS AND DETAILS. EMBED THE STRAW WATTLES INTO THE GROUND AND FIRMLY ANCHOR IT AS SHOWN IN THE DETAILS. REMOVE SEDIMENT ONCE LEVELS HAVE REACHED 1/4 OF THE EFFECTIVE HEIGHT. REPAIR AND/OR REPLACE STRAW WATTLES IMMEDIATELY IF DAMAGED OR DETERIORATED.

INLET PROTECTION:

INSTALL INLET PROTECTION/ SILT SACKS AT VARIOUS EXISTING CATCH BASIN LOCATIONS AS SHOWN ON THE PLAN AND DETAILS.

STOCKPIILING OR STORAGE OF EXCAVATED MATERIALS:
COMPLETELY SURROUND TEMPORARY MATERIAL STOCKPILES WITH STRAW WATTLES TO PREVENT
TRANSPORTATION OF SEDIMENT.

DUST CONTROL:
TAKE PRECAUTIONS TO PREVENT DUST FROM BECOMING A NUISANCE TO ADJUTING PROPERTY OWNERS.
BROOM OFF PAVEMENT AREAS ADJOINING THE EXCAVATION ON A DAILY BASIS. COVER AND/OR KEEP MOIST ALL EARTH STOCKPILES AT ALL TIMES. USE CALCIUM CHLORIDE TO CONTROL DUST OVER CERTAIN AREAS OF THE SITE AS NEEDED AND AS DIRECTED BY THE ENGINEER. CALCIUM CHLORIDE SHALL CONFORM TO ASTM D-98.
THE CONTRACTOR SHALL MAINTAIN AND INSPECT, ON A DAILY BASIS, THE ADEQUACY OF DUST CONTROL MEASURES AND CORRECT ANY DEFICIENCIES IMMEDIATELY.

PERMANENT STABILIZATION MEASURES

DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LANDSCAPED AREAS. IF TOPSOIL, SEE, AND/OR MULCH IS WASHED AWAY BY RAINFALL, THE CONTRACTOR SHALL RESTORE THE AREA.

DEWATERING

1. AT NO TIME SHALL EXCAVATION "DE-WATERING BE DIRECTLY DISCHARGED TO: CATCH BASIN, DRAIN PIPE, WETLAND, STREAM, OR FLOOD PLAIN AREA.
2. TRENCH & EXCAVATION DE-WATERING WASTEWATER SHALL BE DISCHARGED THROUGH AN "ULTRA PIPESOCK" OR EQUIVALENT SEDIMENT/OIL FILTER TRAP WITH 12" DEPTH GRAVEL FILTER BERM.
3. DE-WATERING DISCHARGES SHALL BE DIRECTED TO ON-SITE SEDIMENT CONTROL SYSTEMS AND/OR DRAINAGE SWALES.

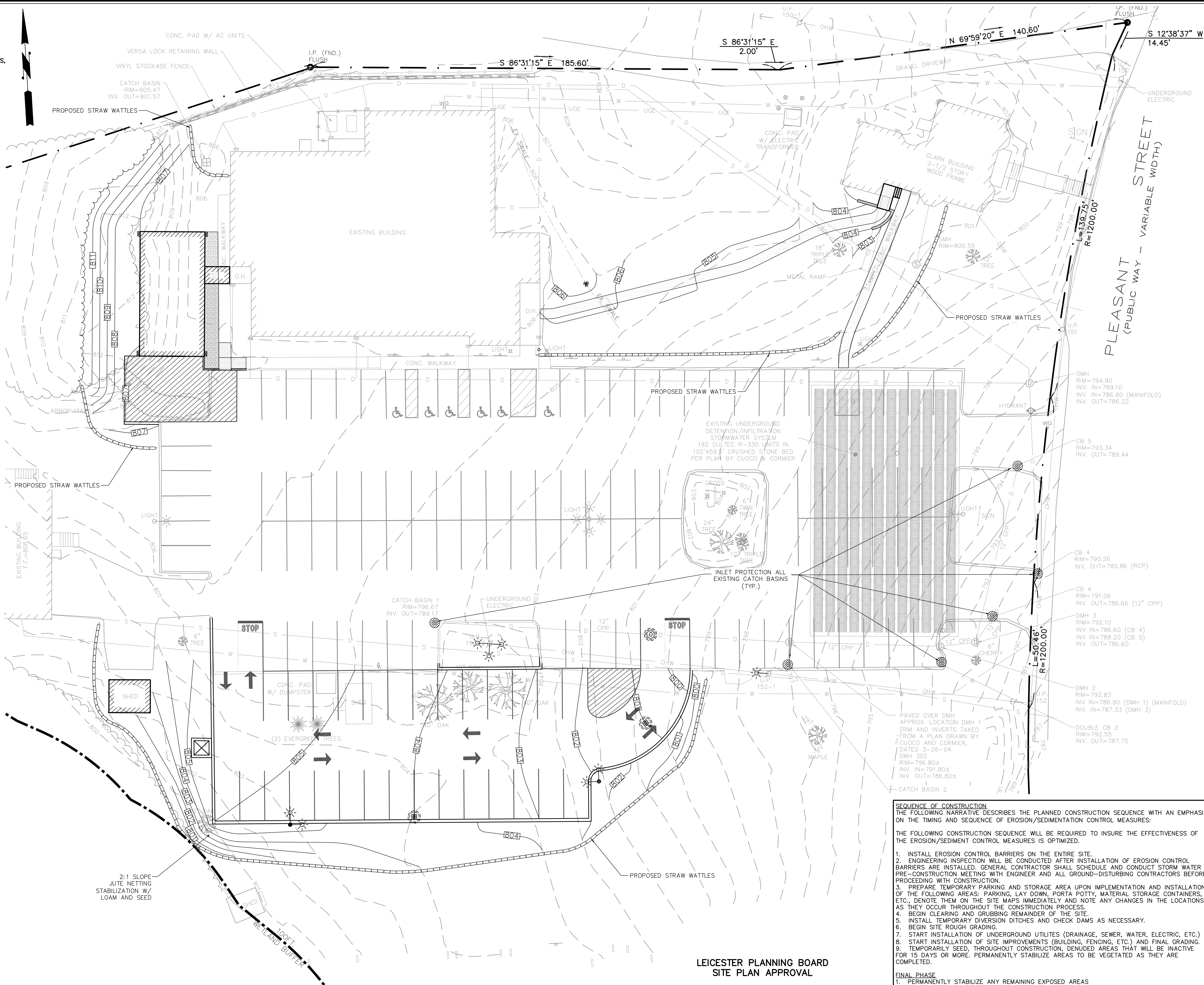
GENERAL CONDITIONS

1. IF EROSION CONTROL MEASURES ARE DAMAGED BY CONSTRUCTION VEHICLES, ACTS OF VANDALISM, OR SEVERE WEATHER CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY REMOVE SEDIMENT IN THE VICINITY OF THE EROSION CONTROL MEASURES AND REPAIR THESE MEASURES TO A FUNCTIONAL CONDITION.
2. IF, DURING OR AFTER CONSTRUCTION, IT BECOMES APPARENT THAT EXISTING EROSION CONTROL MEASURES ARE INCAPABLE OF CONTROLLING EROSION, THE ENGINEER OR THE TOWN MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO: ADDITIONAL STRAW WATTLES, HAYBALES, SILT FENCE, SEDIMENT BASINS, MECHANICALLY ANCHORED MULCH, OR ENHANCED DETERIORATING FILTRATION.
3. NO CONSTRUCTION SHALL PROCEED UNTIL A WRITTEN PROPOSAL OF METHODS TO PREVENT CONSTRUCTION DEBRIS, PAINT, OR OTHER SUCH CONTAMINATED MATERIALS FROM ENTERING A STORM SEWER, THE WETLAND, OR WATERWAY. THE PROPOSAL MUST BE APPROVED BY THE OWNER. THESE METHODS MUST BE COLLECTED AND DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER IN ACCORDANCE WITH ALL APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS. THE OWNER MAY ORDER THE CONTRACTOR TO CEASE SUCH ACTIVITY TEMPORARILY IF, IN THE JUDGMENT OF THE OWNER, WIND OR STORM CONDITIONS THREATEN TO CAUSE THE DEPOSIT OF SUCH MATERIAL IN A WATERWAY.
4. ALL TEMPORARY FILL SHALL BE STABILIZED DURING USE TO PREVENT EROSION AND SHALL BE SUITABLY CONTAINED TO PREVENT SEDIMENT OF OTHER PARTICULATE MATTER FROM REENTERING A WETLAND OR WATERWAY. ALL AREAS AFFECTED BY TEMPORARY FILLS MUST BE RESTORED TO THEIR ORIGINAL CONTOURS OR AS DIRECTED BY THE OWNER, AND REVEGETATED. THE AREA EXTENT OF TEMPORARY FILL OR EXCAVATION SHALL BE CONFINED TO THAT AREA NECESSARY TO PERFORM THE WORK, AS APPROVED BY THE OWNER.
5. DUMPING OF OIL, CHEMICALS OR OTHER DELETERIOUS MATERIALS ON THE GROUND IS FORBIDDEN. THE CONTRACTOR SHALL PROVIDE A MEANS OF CATCHING, RETAINING, AND PROPERLY DISPOSING OF DRAINED OIL, REMOVED OIL FILTERS, OR OTHER DELETERIOUS MATERIAL. ALL SPILLS OF SUCH MATERIALS SHALL BE REPORTED IMMEDIATELY BY THE CONTRACTOR TO APPROPRIATE TOWN AND STATE AGENCIES.
6. INSPECTIONS. EROSION CONTROL SHOULD BE INSPECTED DAILY OR AFTER A LEGITIMATE STORM EVENT.

TOTAL LAND DISTURBANCE: 26,500 S.F.±

GENERAL SITE NOTES:

1. EXISTING CONDITIONS AND TOPOGRAPHY ARE BASED ON A FIELD SURVEY BY McCLURE ENGINEERING, INC. IN DEC 2019.
2. ALL UNDERGROUND UTILITIES ARE APPROXIMATE AND DERIVED FROM A PLANS DRAWN BY CUORCO AND CORMIER DATED 5-26-2004. CONTRACTOR TO VERIFY LOCATION PRIOR TO CONSTRUCTION.
3. WETLANDS FLAGGED BY SCOTT MORIRSON OF ECOTEC, INC. ON JUNE 25, 2002
3. PROPERTY DOES, WORK DOES NOT LIE WITHIN THE SPECIAL FLOOD HAZARD AREA AS REFERENCED ON NATIONAL FLOOD INSURANCE RATE MAP NO. 25027C0783E, FOR COMMUNITY NO. AND DATED JULY 4, 2011.



LEICESTER PLANNING BOARD
SITE PLAN APPROVAL

DATE: _____

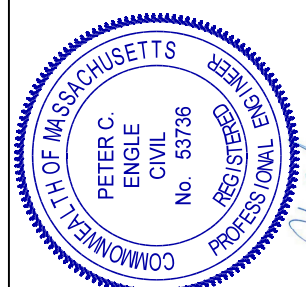
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 HOR. SCALE IN FEET: 1"=20'
 REVISIONS

REV'	DATE	DESCRIPTION	MADE BY	DATE
1	3.23.20	PER CLIENT & PEER REVIEW	PE	

**PETER C.
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MA LIC. NO.



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**SITE PLAN MODIFICATION
674 PLEASANT STREET
LEICESTER, MA 01542**

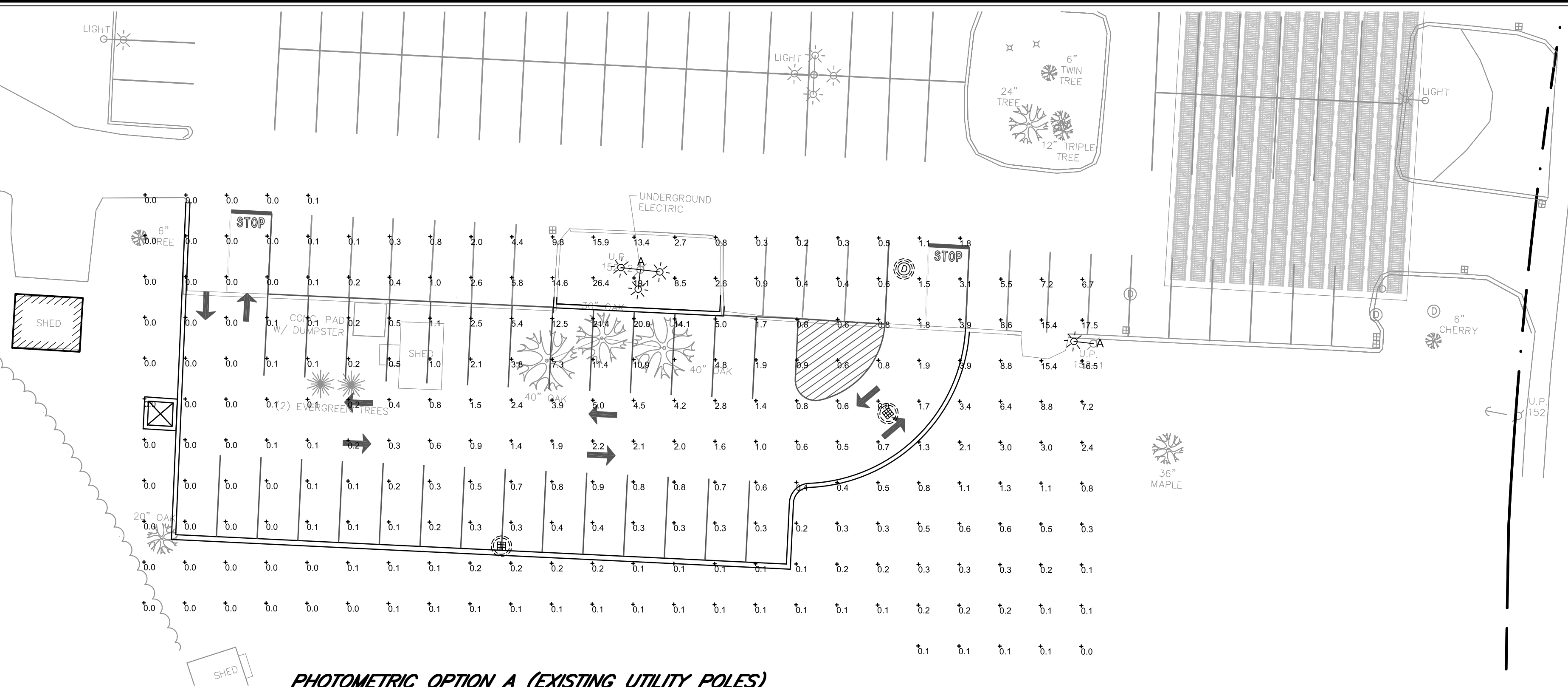
PREPARED FOR
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET

DRAWN BY:	PE
DATE:	2/14/2020
CHK BY:	PE
SCALE:	1" = 20'
PROJ. NO.	151-2058-K

SEDIMENT AND EROSION CONTROL

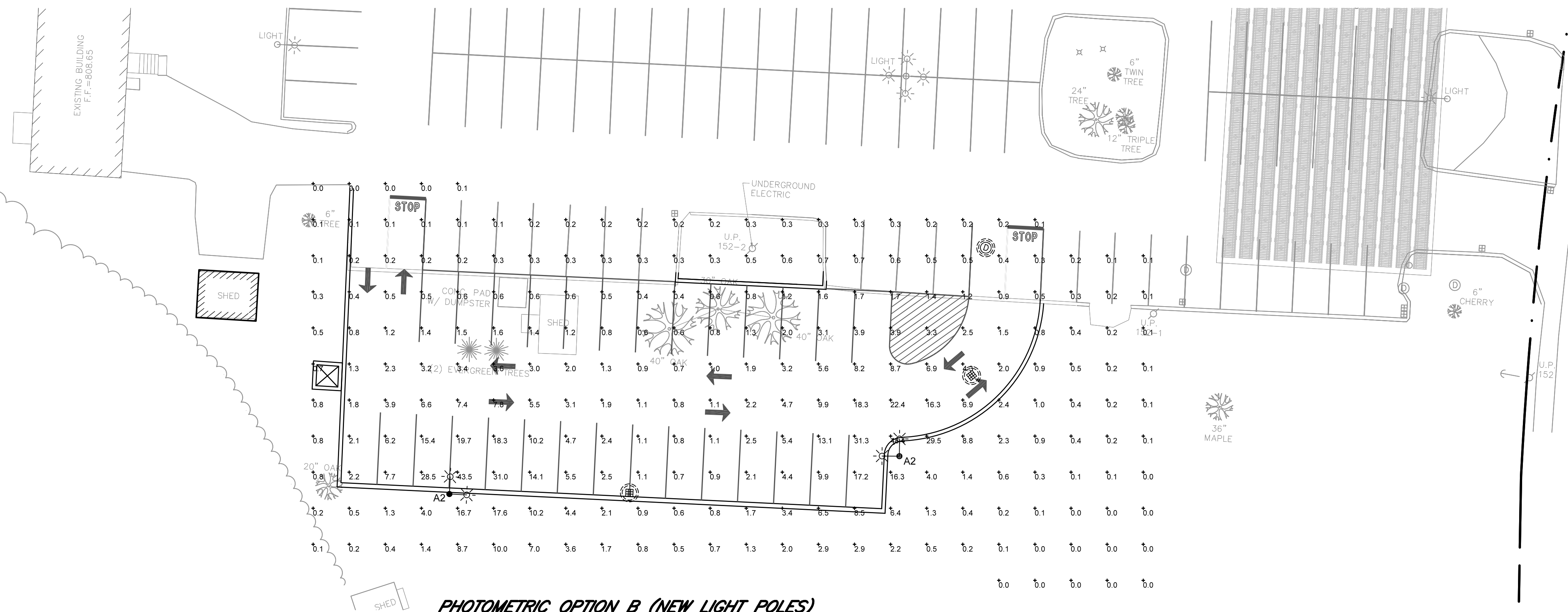
C-4

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMP/SIEDS AND OTHER FACTORS. REMOVAL OF OBSTRUCTIONS SUCH AS BUILDINGS, CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED. FIXTURE NOMENCLATURE NOTED DOES NOT INCLUDE MOUNTING HARDWARE OR POLES. THIS DRAWING IS FOR PHOTOMETRIC EVALUATION PURPOSES ONLY AND SHOULD NOT BE USED AS A CONSTRUCTION DOCUMENT OR AS A FINAL DOCUMENT FOR ORDERING FIXTURES.



PHOTOMETRIC OPTION A (EXISTING UTILITY POLES)


1"=20'

115

PHOTOMETRIC OPTION B (NEW LIGHT POLES)

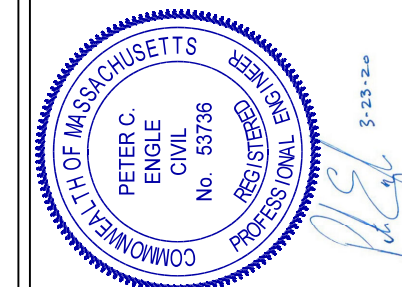
 $1'' = 20$

DATE: _____

HOR. SCALE IN FEET: 1"=20'			
20			
0	20 40 60		
REVIEWS			
REV	DATE	DESCRIPTION	MADE APVD
1	3.23.20	PER CLIENT & PEER REVIEW	PE

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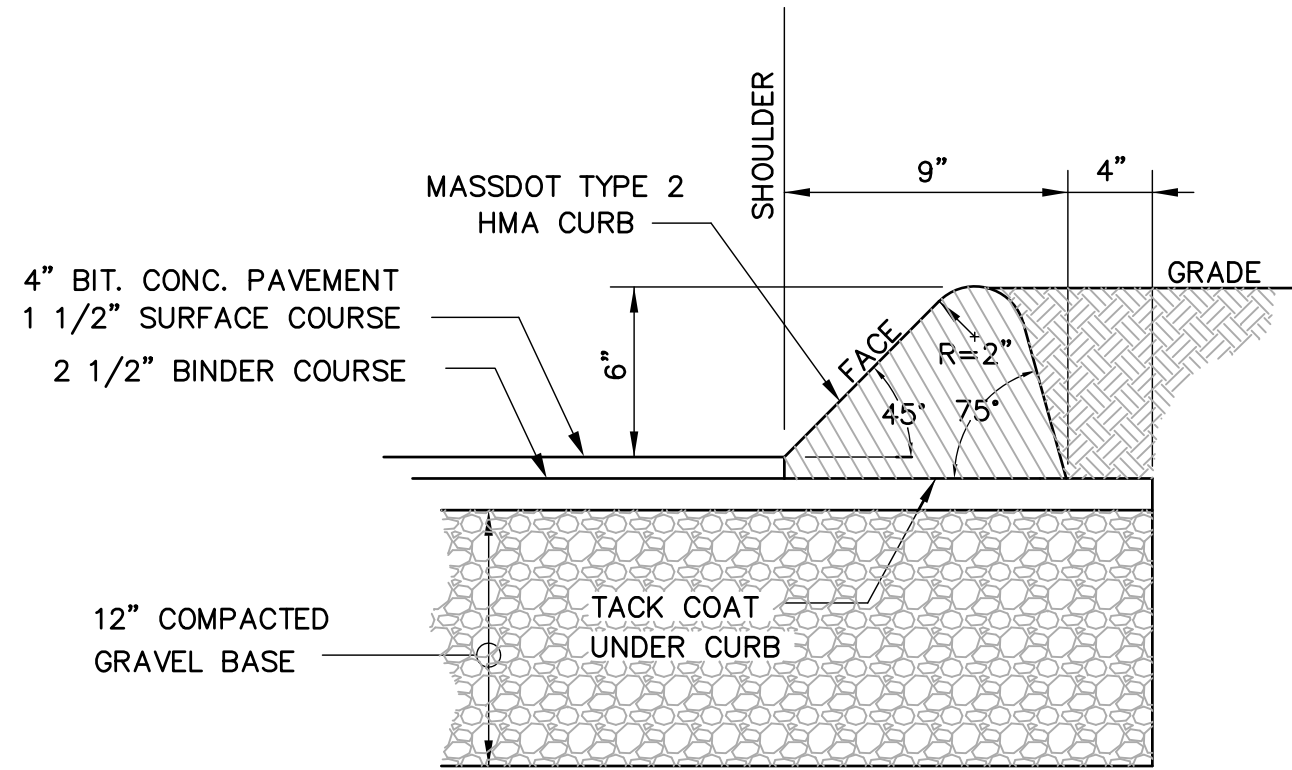
SITE PLAN MODIFICATION
674 PLEASANT STREET
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PREPARED FOR
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET
LEICESTER, MA 01542

DRAWN BY:	PI
DATE:	2/14/2020
CHK BY:	PI
SCALE:	1" = 20'
PROJ. NO.	151-2058-k

PHOTOMETRIC
LIGHTING PLAN

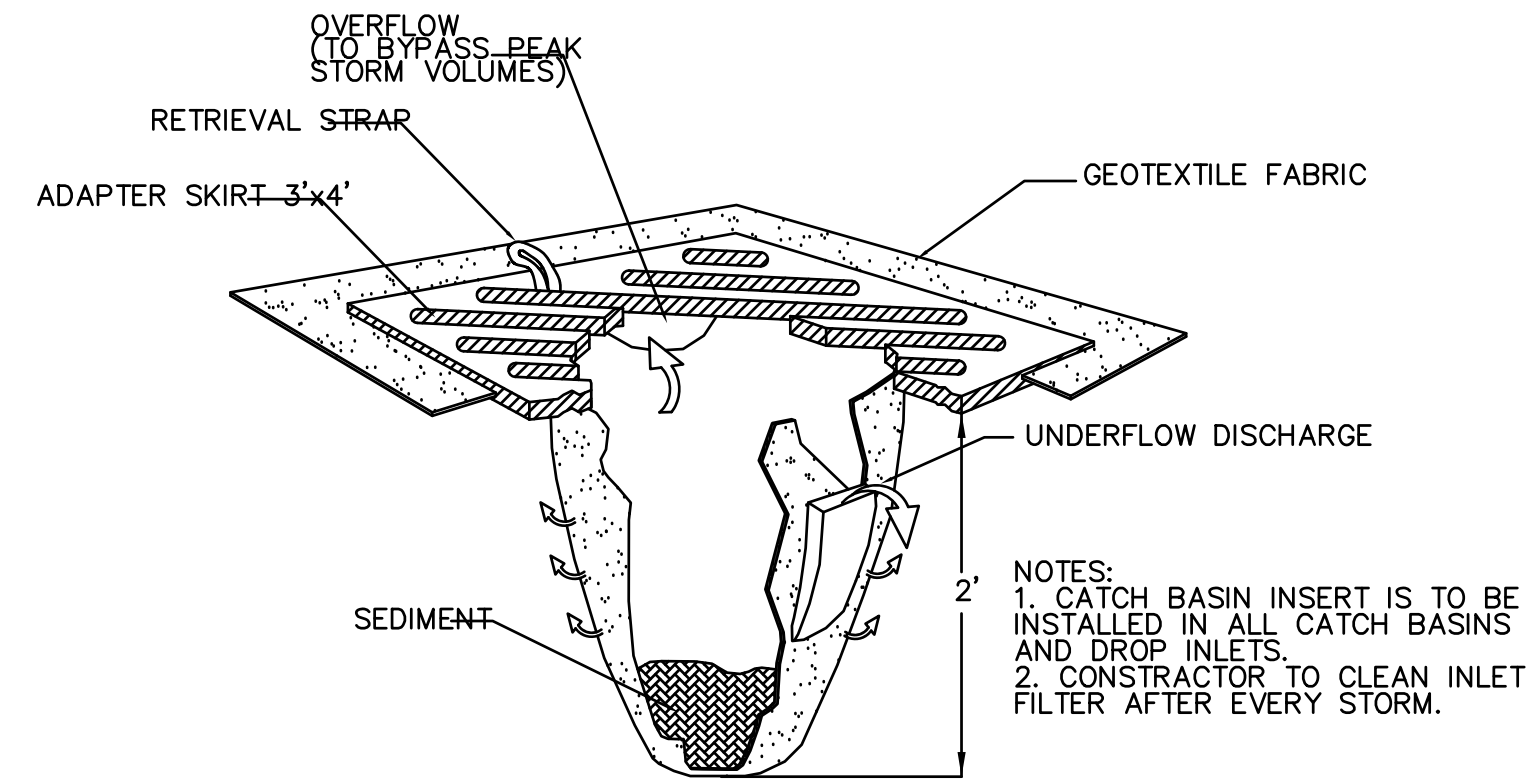
C-5



NOTE: CURB TYPE TO MATCH EXISTING TYPE OF CURB

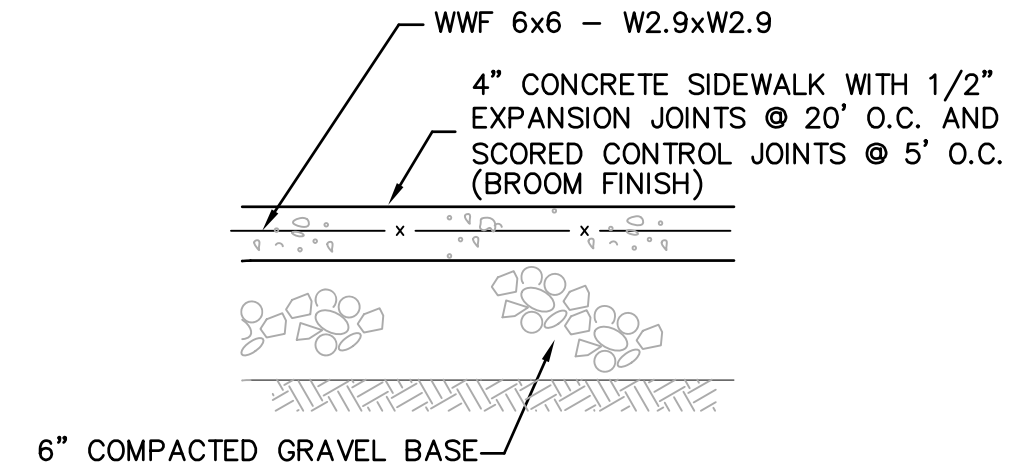
HOT MIX ASPHALT PAVEMENT & CURB DETAIL

NOT TO SCALE



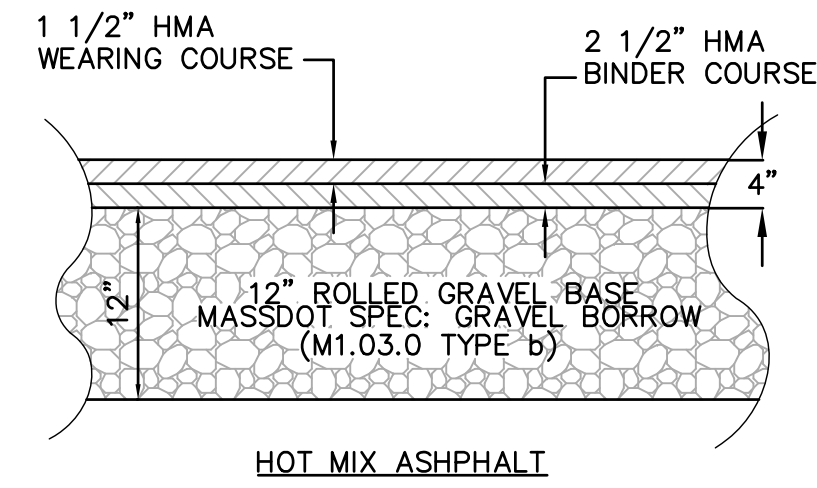
CATCH BASIN INLET FILTER "SILT SACK"

NOT TO SCALE



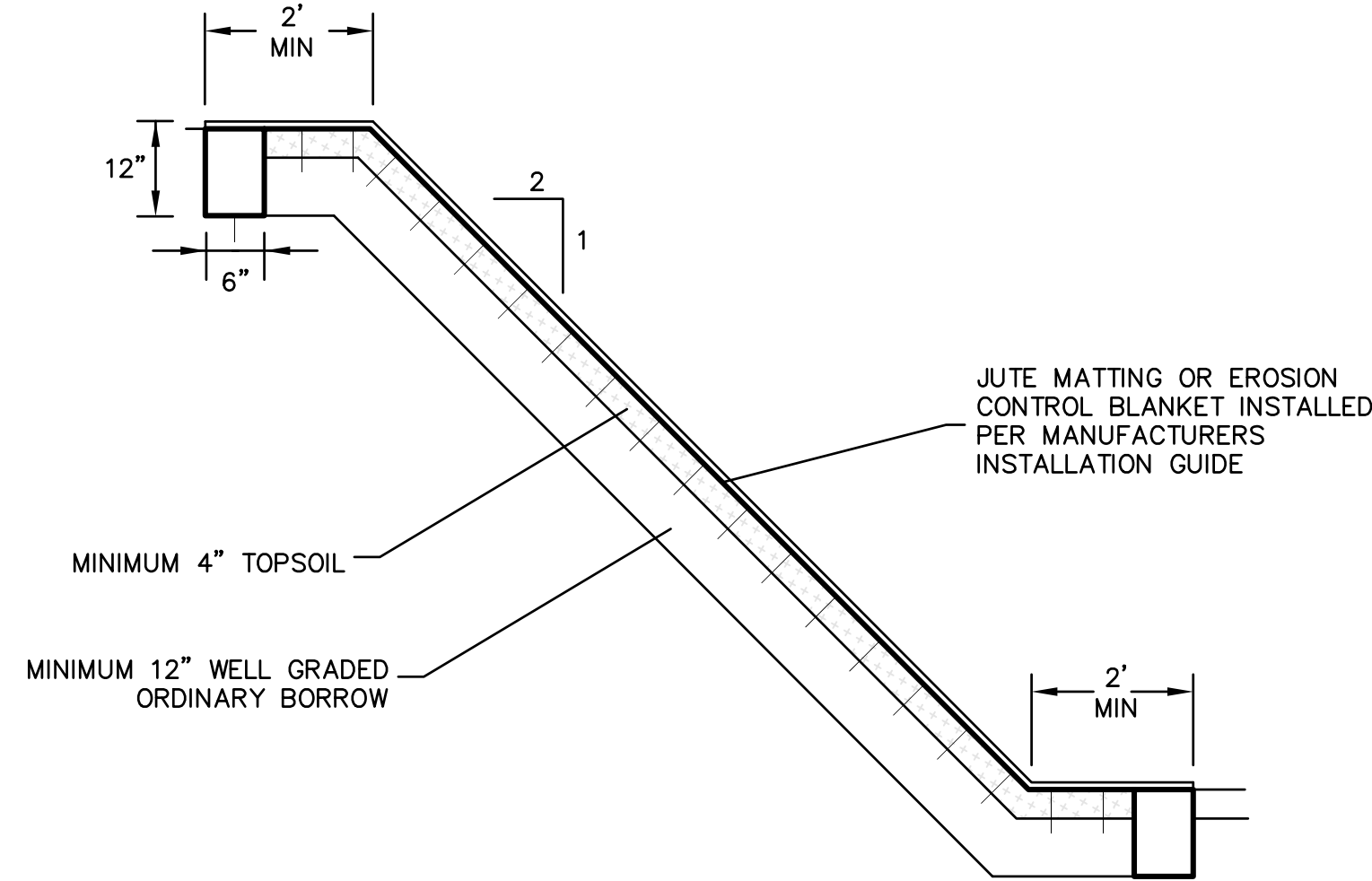
TYPICAL SIDEWALK SECTION

NOT TO SCALE



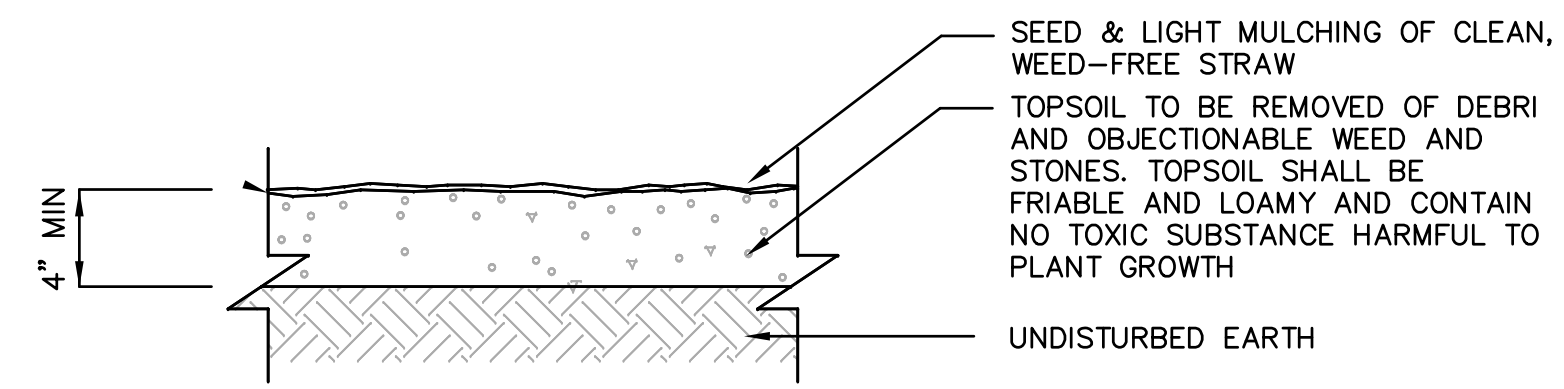
ON-SITE PAVEMENT SECTION

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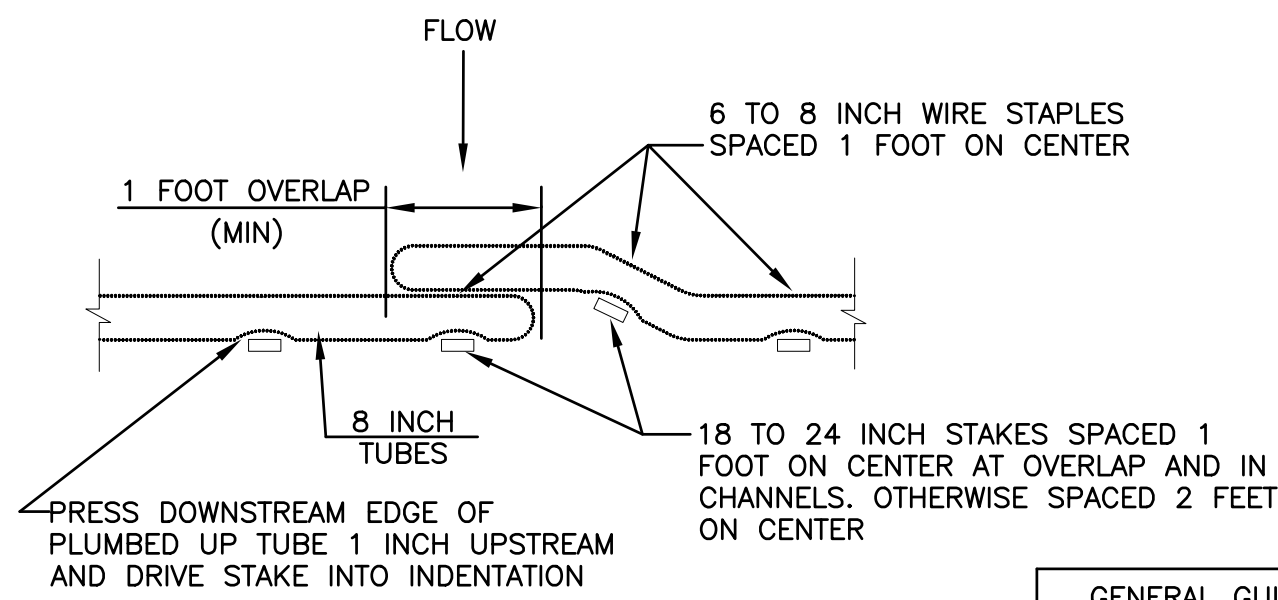
2:1 SLOPE STABILIZATION TREATMENT

NOT TO SCALE

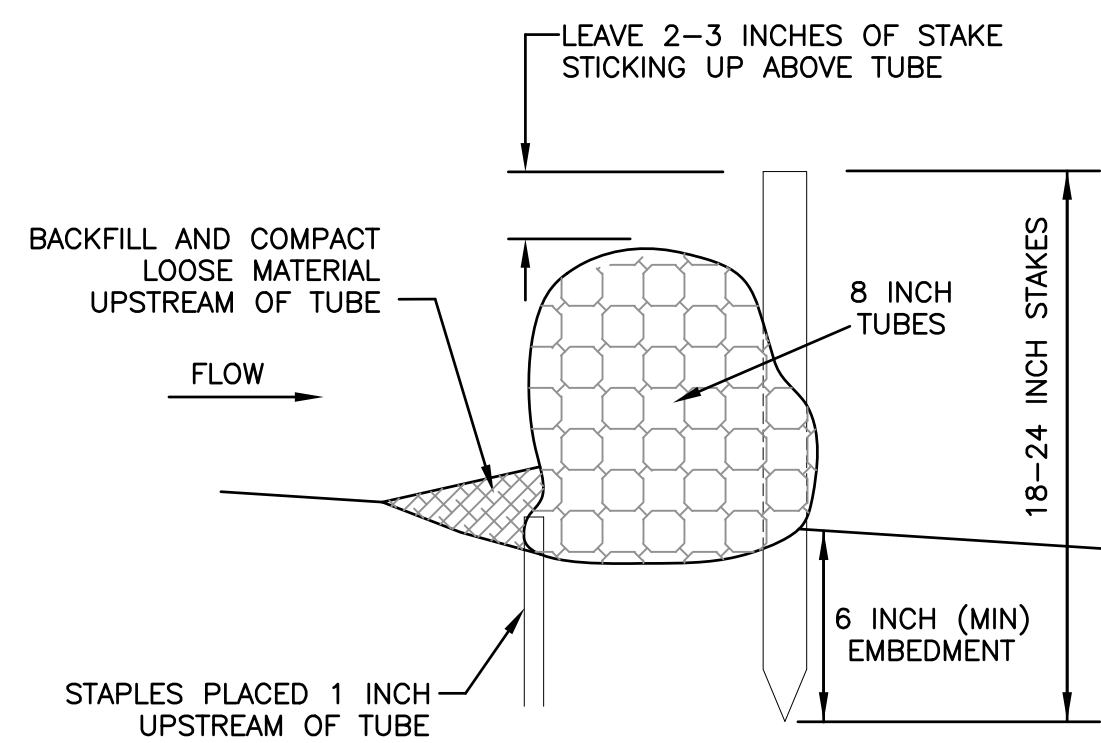


TOP SOIL & SEEDING DETAIL

NOT TO SCALE



OVERLAP/JOINT DETAIL



SECTION

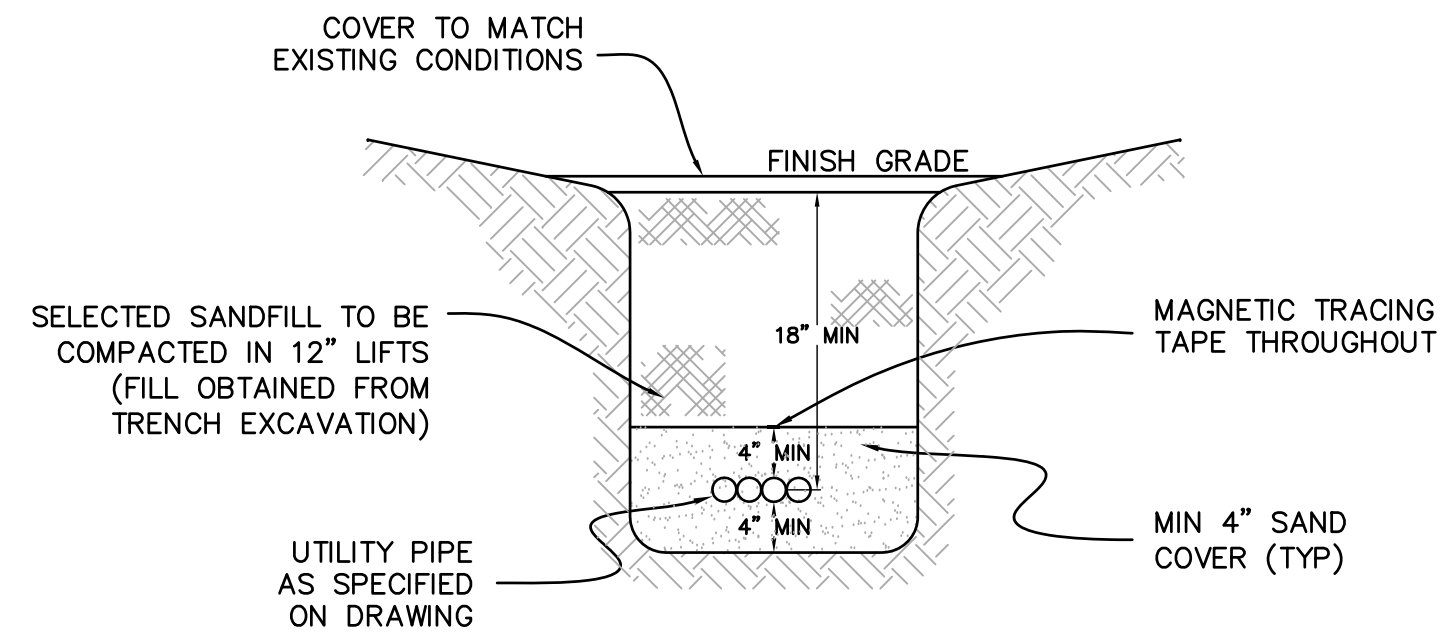
PERIMETER EROSION & SEDIMENTATION CONTROL

NOT TO SCALE

GENERAL GUIDELINES FOR SPACING OF TUBE TRENCHES FOR SLOPE INSTALLATIONS	
SLOPE GRADIENT	TUBE INTERVAL
1H:1V	15 FEET
2H:1V	25 FEET
3H:1V	35 FEET
4H:1V	50 FEET

GENERAL GUIDELINES FOR SPACING OF TUBE TRENCHES FOR CHANNEL INSTALLATIONS	
SLOPE	TUBE INTERVAL
2%	25 FEET

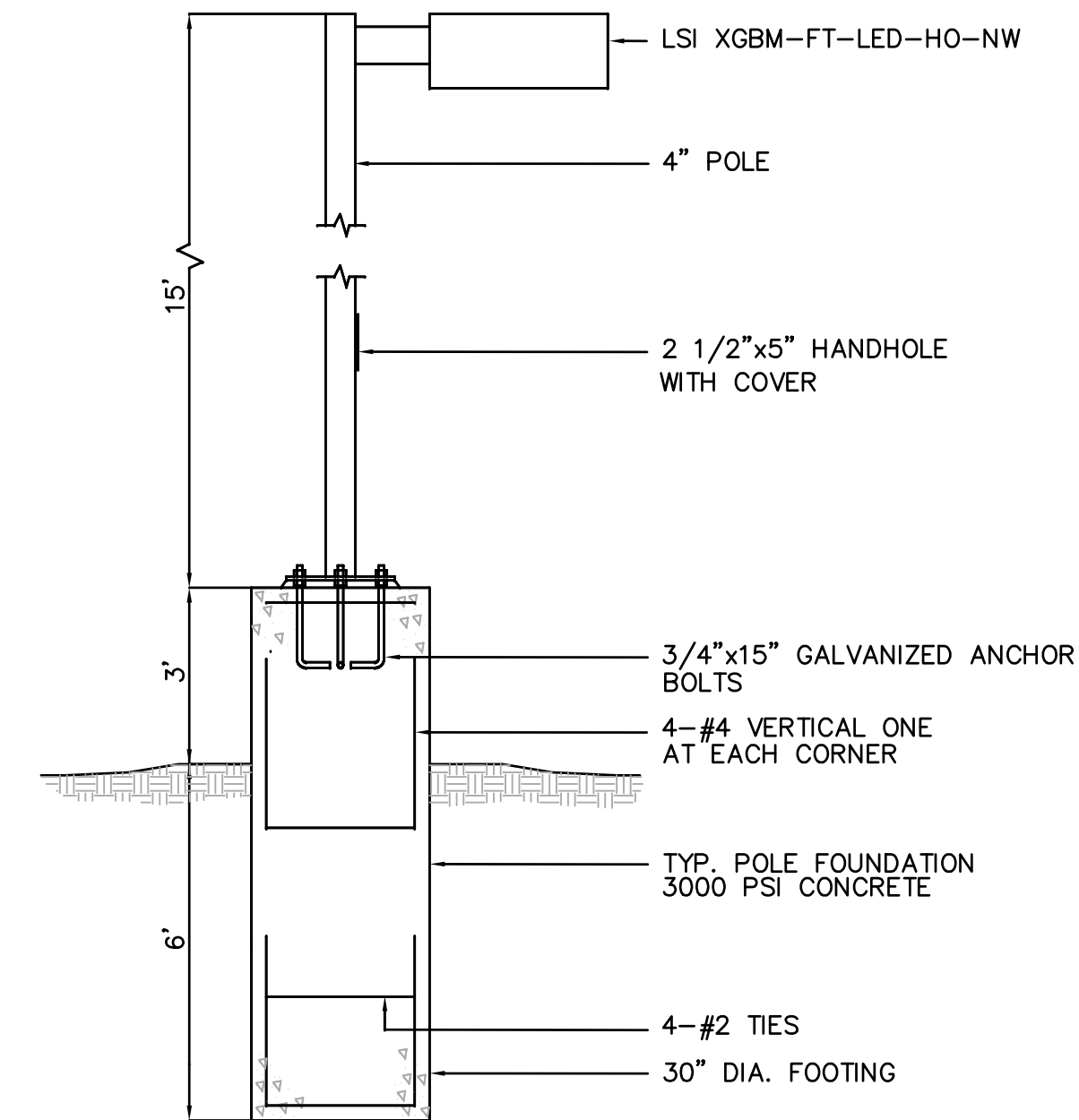
GENERAL NOTES:
1. BEFORE INSTALLATION OF TUBE, SMOOTH AND SHAPE EARTH SURFACE AND REMOVE ALL STONES, ROOTS, OR OTHER DEBRIS GREATER THAN 2 INCHES IN DIAMETER.
2. IF INSTALLING TUBE ACROSS A DITCH, THEN EXCAVATE A PLACEMENT TRENCH ABOUT 3 INCHES DEEP.
3. TUBES SHALL BE OF 100% BIODEGRADABLE MATERIAL.



NOTES: 1) TRENCH DEWATERING SHALL NOT BE DISCHARGED INTO RESOURCE AREAS. ALL DEWATERING DISCHARGE SHALL BE TO TEMPORARY SEDIMENTATION BASINS. (20'x20'x1' DEEP MINIMUM)

COMMUNICATIONS/ ELEC TRENCH DETAIL

NOT TO SCALE



TYPICAL LIGHT POLE FOOTING DETAIL

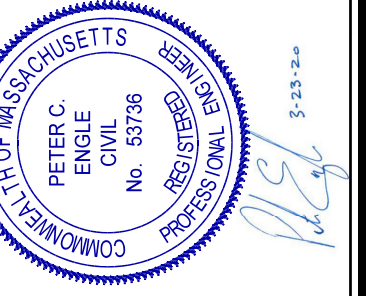
NOT TO SCALE

LEICESTER PLANNING BOARD
SITE PLAN APPROVAL

DATE:

REVISIONS		DESCRIPTION	MADE APVD
REV	DATE	PER CLIENT & PEER REVIEW	PE
1	3.23.20		PE

PETER C. ENGLE P.E.
PROFESSIONAL ENGINEER
MA LIC. NO. 53736



McCLURE
ENGINEERING, INC.

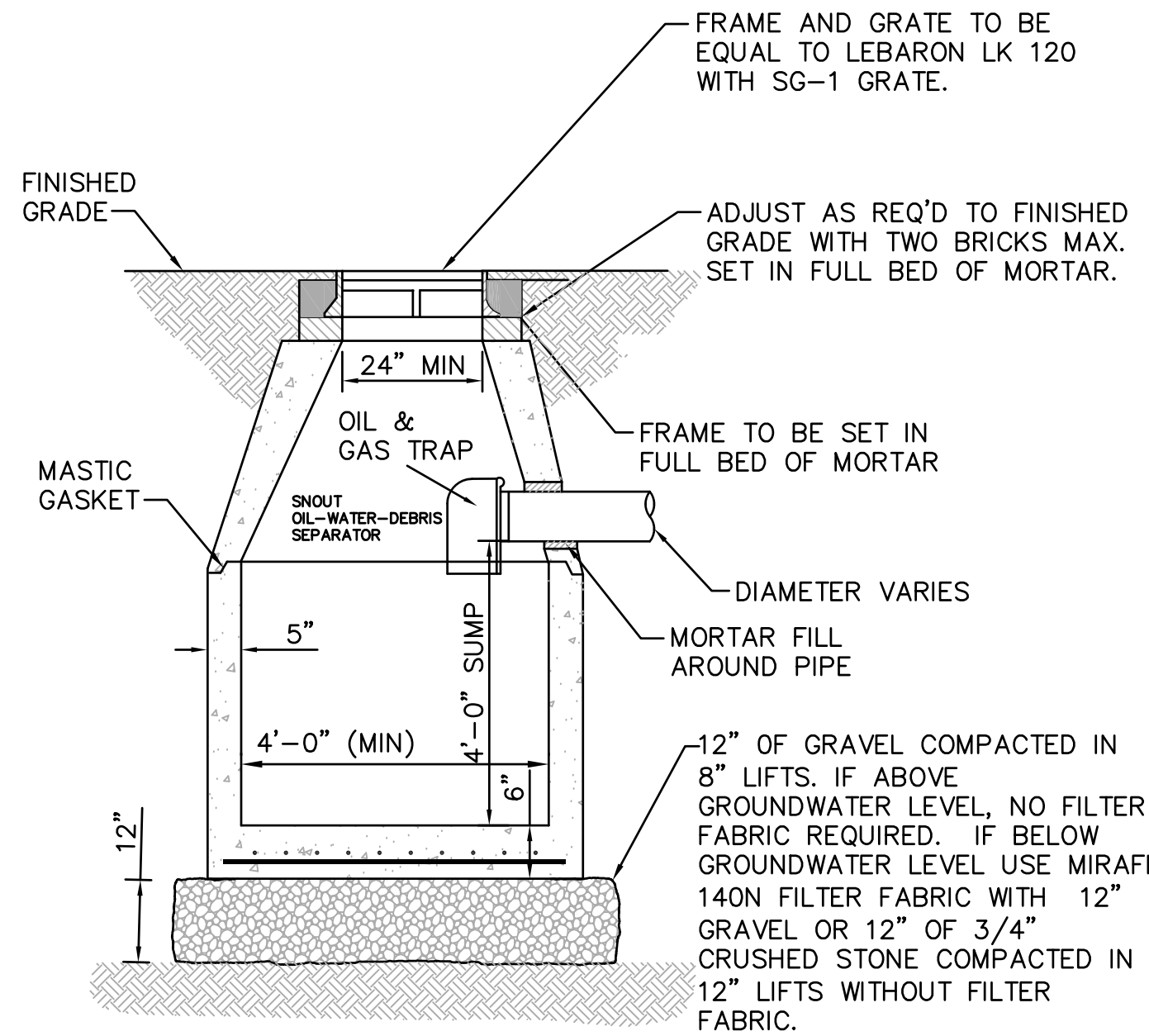
119 Worcester Road
Charlton, MA 01507
Tel: (508) 248-2005
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Email: pengle@mcclureengineers.com

SITE PLAN MODIFICATION
674 PLEASANT STREET
LEICESTER, MA 01542
PREPARED FOR
GREENVILLE BAPTIST CHURCH
674 PLEASANT STREET
LEICESTER, MA 01542

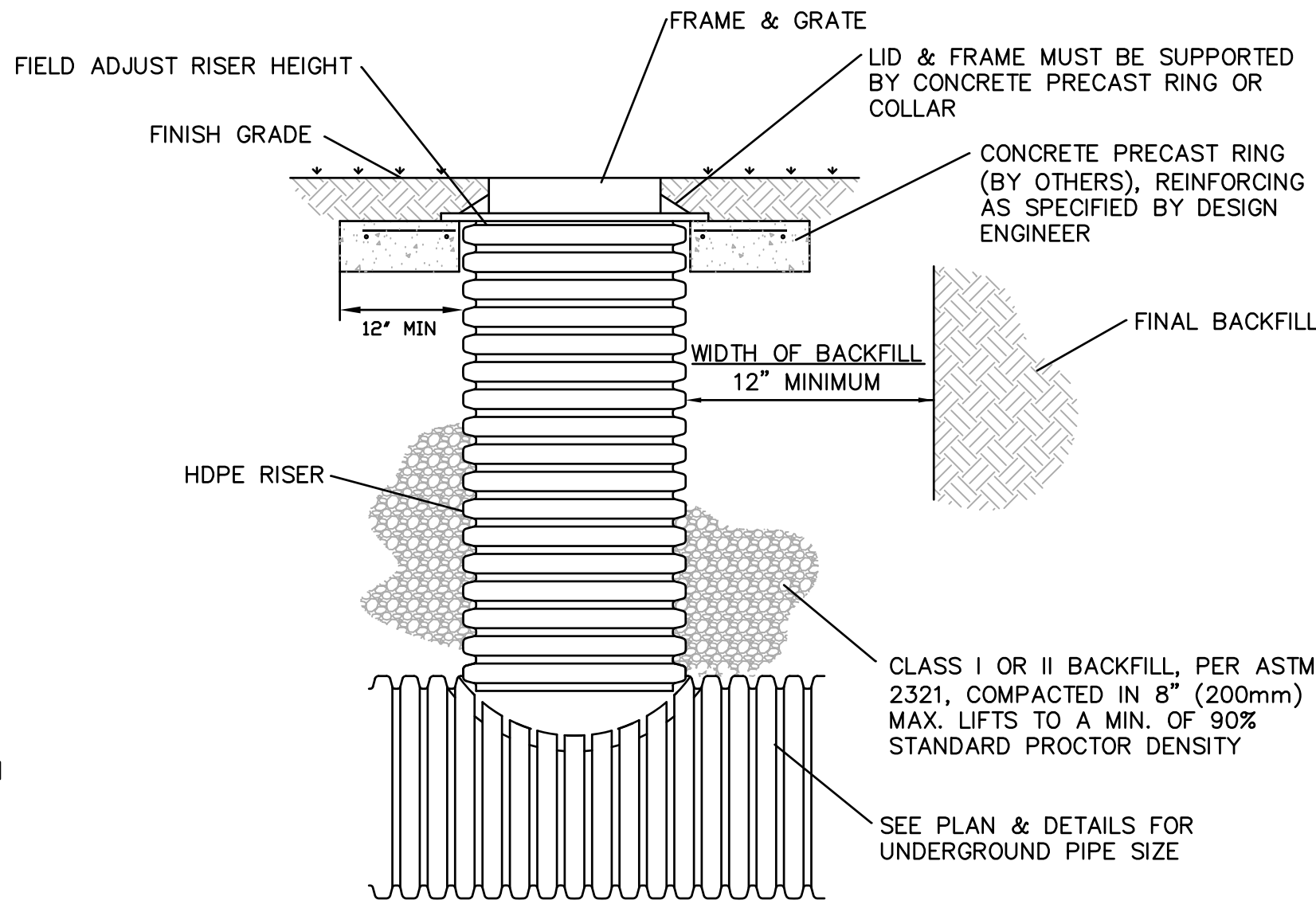
DRAWN BY: ARB
DATE: 2/14/2020
CHK BY: PE
SCALE: AS NOTED
PROJ. NO. 151-2058-K

DETAIL SHEET

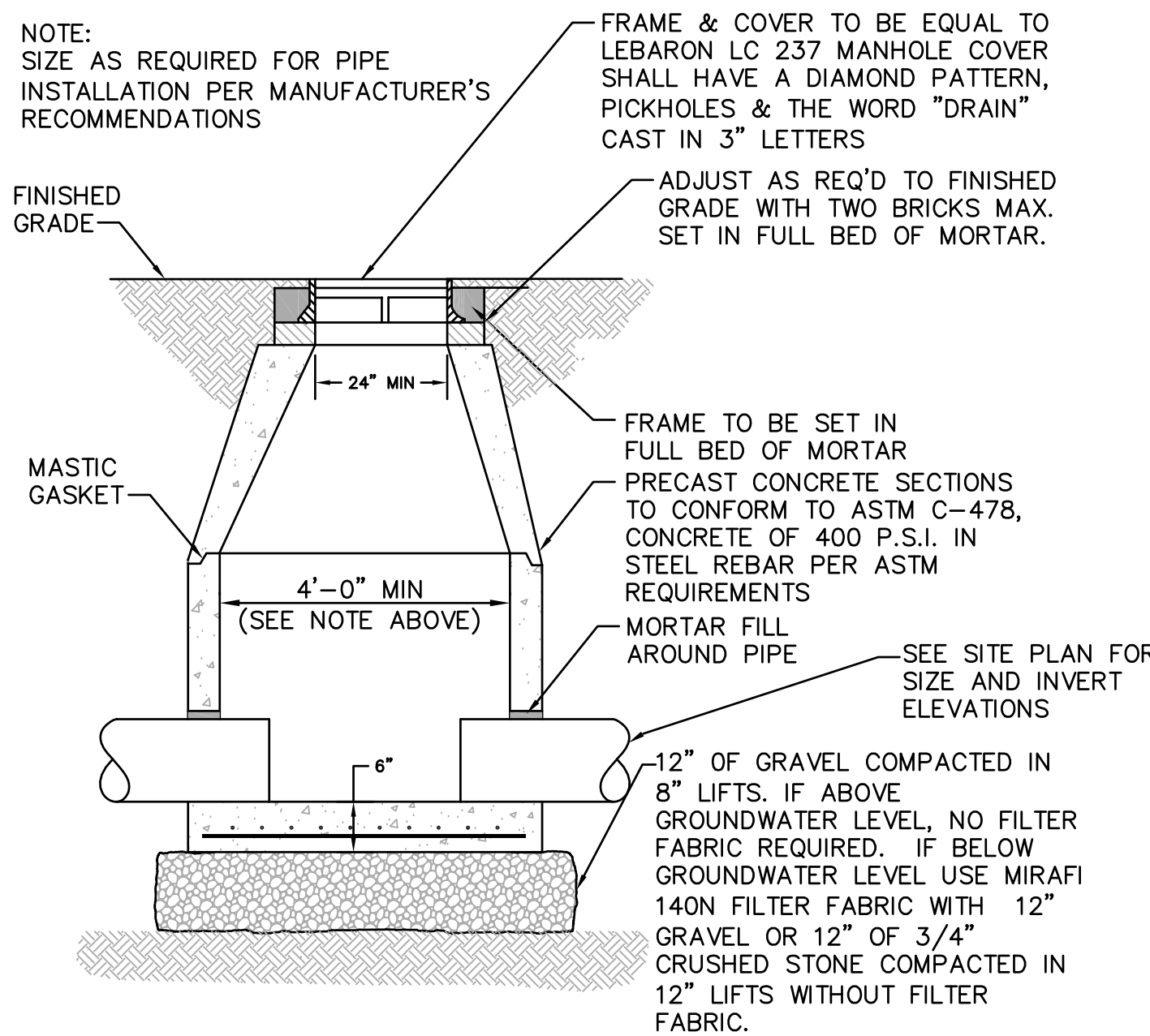
C-6



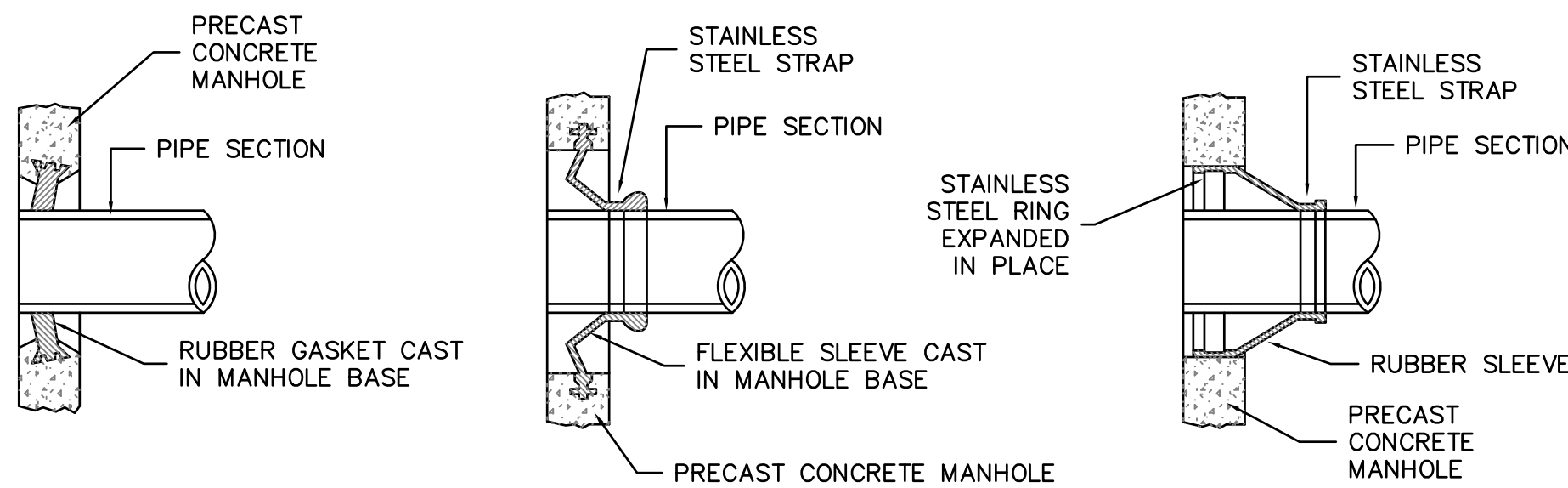
STANDARD DEEP SUMP CATCH BASIN DETAIL
NOT TO SCALE



STANDARD AREA DRAIN/ RISER DETAIL
NOT TO SCALE



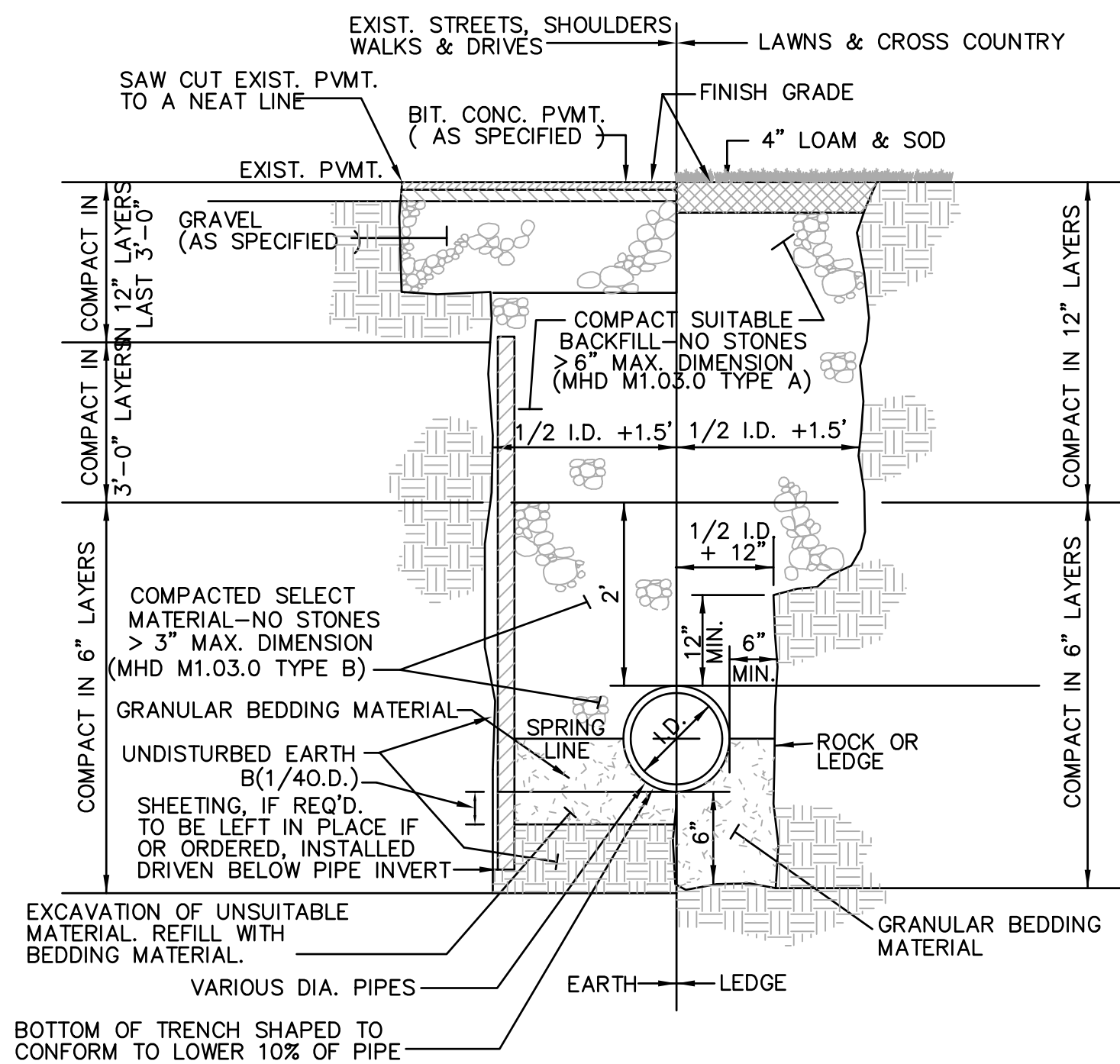
STANDARD DRAIN MANHOLE DETAIL
NOT TO SCALE



MANHOLE SEAL DETAILS

NOT TO SCALE

- NOTE:
- 1) CONTRACTOR SHALL BE REQUIRED TO MAKE ALL PIPE PENETRATIONS WATER TIGHT.
 - 2) THE PIPE TO MANHOLE CONNECTION SHALL BE A FLEXIBLE RUBBER PIPE SLEEVE EITHER CAST IN PRECAST MANHOLE SECTION OR HELD IN PLACE BY STAINLESS STEEL RINGS EXPANDED IN PLACE TO MEET SPECIFICATIONS OF ASTM C923.

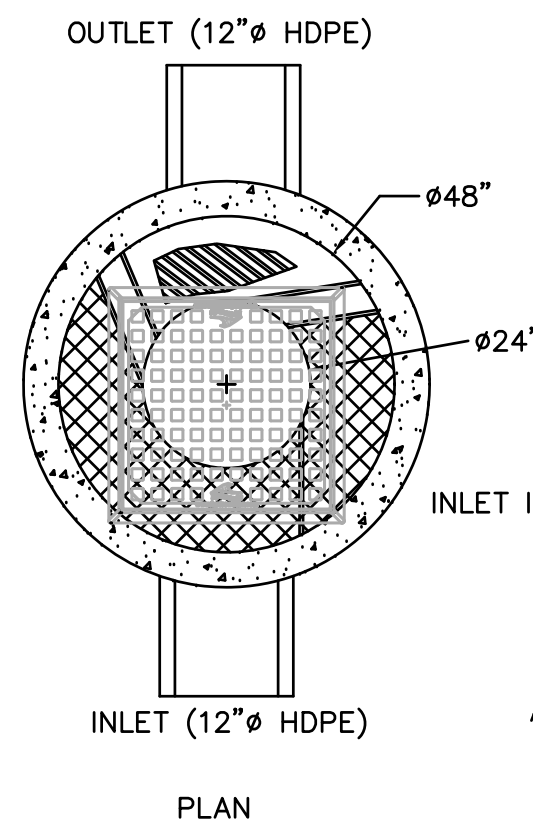


- NOTES:
1. GRANULAR BEDDING MATERIAL SHALL CONSIST OF 3/4" CRUSHED STONE (MHD M2.01.4) OR COMPACTED GRAVEL BORROW (MHD M1.03.0 TYPE C)
 2. TRENCH BEDDING & BACKFILL FOR SANITARY SEWERS SHALL BE CLASS B AS DEFINED BY WPCF-MOPQ, AS SHOWN HEREIN.

TYPICAL DRAINAGE TRENCH DETAIL

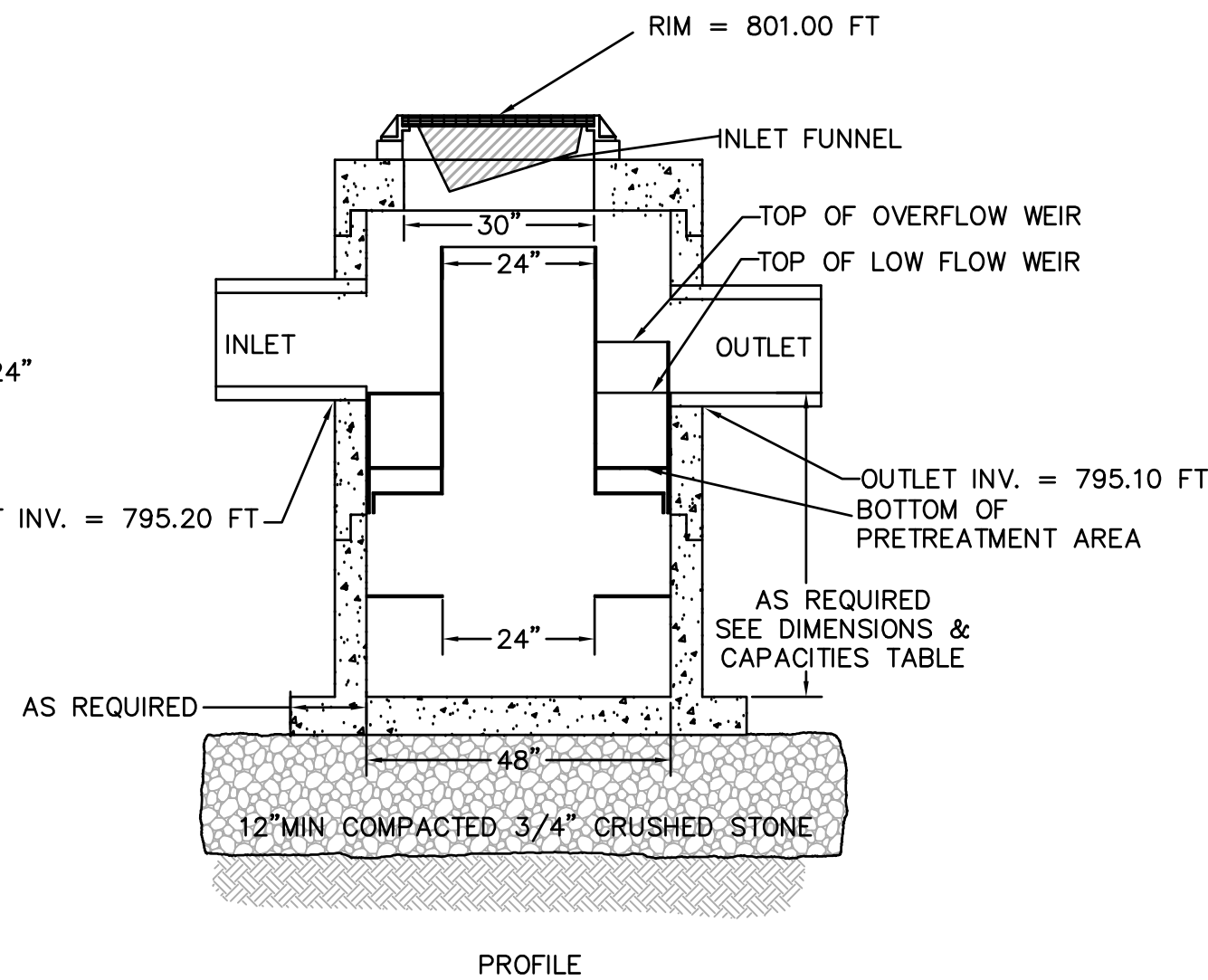
NOT TO SCALE

TYPICAL BEDDING DIMENSIONS			
PIPE MATERIAL - PVC (SDR 35)			
I.D.	O.D.	B(1/4 O.D.)	
4"	4.215"	1.05"	
6"	6.275"	1.57"	
8"	8.400"	2.10"	



HYDROWORKS HS4i DETAIL

NOT TO SCALE

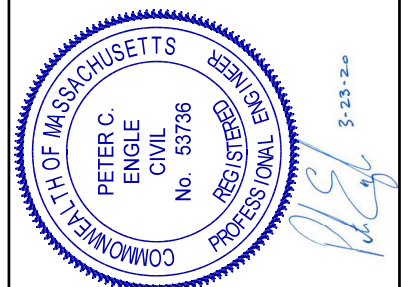


LEICESTER PLANNING BOARD
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DETAIL SHEET

C-7