

CONGREGATION BETH-EL SYNAGOGUE

33 KENYON ROAD
WATERFORD, CONNECTICUT

FEBRUARY 2026

CIVIL PERMIT DRAWINGS

PLANNING AND ZONING COMMISSION SUBMISSION

PREPARED FOR:

CONGREGATION BETH-EL, INC. OF NEW LONDON

PREPARED BY:

Summer Hill
Civil Engineers & Land Surveyors, P.C.
60 Wall Street
P.O. Box 708
Madison, Connecticut 06443-0708
Telephone: (203) 245-0722

ISSUED FOR PERMITTING
3-23-26

OWNER
CONGREGATION BETH-EL, INC. OF NEW LONDON
P.O. BOX 1310
NEW LONDON, CONNECTICUT 06320
TELEPHONE: 860-501-3150

APPLICANT
CONGREGATION BETH-EL, INC. OF NEW LONDON
P.O. BOX 1310
NEW LONDON, CONNECTICUT 06320
TELEPHONE: 860-501-3150

SHEET No.: C-001

No. _____

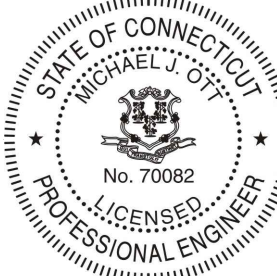
SCHEDULE OF DRAWINGS

SHEET No.	TITLE
C-001	TITLE SHEET
C-002	GENERAL NOTES, ABBREVIATIONS, AND LEGEND
C-003	EROSION AND SEDIMENT CONTROL NARRATIVE AND NOTES
C-101	EXISTING CONDITIONS PLAN
C-201	GENERAL PLAN
C-202	SITE LAYOUT PLAN
C-301	DETAILS
C-302	DETAILS
C-303	DETAILS
C-304	DETAILS



LOCATION PLAN

SCALE: 1"=1000'



MICHAEL J. OTT, P.E., L.S.
CT REGISTRATION No. 70082

DATE

	ACRE
ACP	ASBESTOS CEMENT PIPE
ACCOMP	ASPHALT COATED CORRUGATED METAL PIPE
A.O.B.E.	AS ORDERED BY ENGINEER
B&B	BALLED & BURLAPPED
BIT.	BITUMINOUS
BM	BENCHMARK
B.O.F.	BOTTOM OF FOOTING
CATV	CABLE TELEVISION
CB	CATCH BASIN
C.C.	CENTER TO CENTER
C.C.S.	CONNECTICUT COORDINATE SYSTEM
CFS	CUBIC FEET PER SECOND
CHD	CONNECTICUT HIGHWAY DEPARTMENT
CJ	CAST IRON PIPE
CI	CONSTRUCTION OR CONTRACTION JOINT
CL	CLEAR
C.L.&P.	CONNECTICUT LIGHT AND POWER
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CONC.	CONCRETE
CONT.	CONTINUOUS
CPEP	CORRUGATED POLYETHYLENE PIPE
C.Y.	CUBIC YARD
DBL.	DOUBLE
DH	DRILL HOLE
DI	DUCTILE IRON
DIA.	DIAMETER
DIP	DUCTILE IRON PIPE
E&H	E&H
EJ	EXPANSION JOINT
EL	ELEVATION
E.O.B.	END OF BORING
EQP	EDGE OF PAVEMENT
EQ	EQUAL
EX.	EXISTING
f _c	MINIMUM COMPRESSIVE STRENGTH
f _y	YIELD STRENGTH OF STEEL REINFORCEMENT
F.F.	FINISH FLOOR
FM	FORCE MAIN
FND.	FOUND
FRP	FIBERGLASS REINFORCED PLASTIC
FT	FEET OR FOOT
GA.	GAUGE
GAL	GALLON
H	HORIZONTAL
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
HTL	HOT TIDE LINE
I.D.	INSIDE DIAMETER
INV.	INVERT
IP	IRON PIN/PIPE
KSF	KIPS PER SQUARE FOOT
L	LENGTH
LB	POUND
L.F.	LINEAR FEET
L.S.	LUMP SUM
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAX.	MAXIMUM
MANH.	MANHOLE
MIN.	MINIMUM
MON	MONUMENT
NF	NOW OR FORMERLY
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
P.C.	POINT OF CURVATURE
P.C.C.	POINT OF COMPOUND CURVATURE
PE	PLAIN END OR POLYETHYLENE
P.I.	POINT OF INTERSECTION
P.R.C.	POINT OF REVERSE CURVATURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
P.T.	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE
PVC	POINT OF VERTICAL COMPOUND CURVATURE
PI	POINT OF VERTICAL INTERSECTION
PVRC	POINT OF VERTICAL REVERSE CURVATURE
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
RCCE	REINFORCED CONCRETE CULVERT END
RCP	REINFORCED CONCRETE PIPE
R.O.W.	RIGHT-OF-WAY
R.R.	RAILROAD
RT	RIGHT
R/W	RETAINING WALL
SAN	SANITARY
SCG	SOUTHERN CONNECTICUT GAS
SCH	SCHEDULE
SDR	STANDARD DIMENSION RATIO
S.F.	SQUARE FOOT
SNET	SOUTHERN NEW ENGLAND TELEPHONE
S.S.	STAINLESS STEEL
STA.	STATION
STD.	STANDARD
S.Y.	SQUARE YARD
T&B	TOP AND BOTTOM
T.F.	TOP OF FRAME
T.G.	TOP OF GRATE
T.O.F.	TOP OF FOOTING
T.O.W.	TOP OF WALL
TYP.	TYPICAL
U.I.	UNITED ILLUMINATING
V	VERTICAL
VCP	VITRIFIED CLAY PIPE
WFL	WETLAND FLAG

PROPERTY LINE	
RIGHT-OF-WAY LINE	
EASEMENT LINE	
BASELINE	
ELEVATION CONTOUR	
ELEVATION	
EDGE OF PAVEMENT	
CURBING	
GUIDE RAIL	
TREE LINE	
MAIL BOX	
SIGN	
LIGHT POST	
UTILITY POLE (W/GUY)	
UTILITY POLE (W/LIGHT)	
HYDRANT	
CHAIN LINK FENCE	
WIRE FENCE	
WOOD FENCE	
STONE WALL	
HEDGEROW	
WATERCOURSE	
INLAND WETLAND BOUNDARY	
TIDAL WETLAND BOUNDARY	
COMMUNICATIONS	
ELECTRIC	
GAS MAIN/SERVICE	
WATER MAIN/SERVICE	
OVERHEAD UTILITY WIRE(S)	
SANITARY SEWER $\leq 12"$ DIAMETER	
SANITARY SEWER $> 12"$ DIAMETER	
STORM SEWER $\leq 12"$ DIAMETER	
STORM SEWER $> 12"$ DIAMETER	
CATCH BASIN	
MAN-HOLE	
SURVEY STATION	
TEST PIT	
BORING	
PROBE	
ASSESSOR'S MAP NO./LOT NO.	49-50
SOIL TYPE	87B
SOIL TYPE BOUNDARY	
FLOODPLAIN BOUNDARY	
CLEARING LIMIT LINE	
LIMIT OF CUT	
LIMIT OF FILL	
PAVEMENT REMOVAL LINE	
SEDIMENTATION CONTROL BARRIER	
SEDIMENTATION CONTROL AT DRAINAGE STRUCTURE	
DECIDUOUS TREE	
CONIFEROUS TREE	
SHRUB	
TREE TO BE REMOVED	

[illegible]

THESE DRAWINGS ARE INTENDED TO BE USED FOR MUNICIPAL, STATE, AND/OR FEDERAL LAND USE PERMITTING PURPOSES AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION DOCUMENTS.

2. UNDERGROUND UTILITIES, STRUCTURES AND OTHER FACILITIES DEPICTED HEREIN HAVE BEEN COMPILED FROM RECORD MAPPING AND FIELD LOCATIONS OF ABOVE GROUND FACILITIES AND MARKOUTS. ALL UNDERGROUND UTILITIES LOCATIONS SHOWN SHOULD BE CONSIDERED APPROXIMATE ONLY AND ALL FACILITIES MAY NOT BE SHOWN.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND FOR THE MAINTENANCE AND PROTECTION THEREOF. CONTACT THE CONNECTICUT "CALL BEFORE YOU DIG" CLEARANCE CENTER (1-800-922-4455) AT LEAST TWO WORKING DAYS PRIOR TO THE START OF WORK TO ESTABLISH AND HAVE VERIFIED THE GROUND THE LOCATION OF ALL UNDERGROUND UTILITIES. NOTIFY THE ENGINEER IN THE EVENT THAT A UTILITY IS LOCATED DURING THE PROGRESS OF THE WORK THAT IS NOT INDICATED ON OR IS NOT IN ACCORDANCE WITH THE DRAWINGS.

UTILITY COMPANY CONTACTS:

CABLE TELEVISION - COMCAST OF CONNECTICUT, INC.	(860) 505-3331
COMMUNICATIONS - FRONTIER COMMUNICATIONS OF CONNECTICUT	(203) 238-5000
COMMUNICATIONS - LIGHT TOWER FIBER NETWORKS I, LLC	(508) 616-7818
ELECTRIC - EVERSOURCE ENERGY	(860) 685-4733
GAS - YANKEE GAS SERVICES	(203) 592-3494
SEWAGE SEWER - TOWN OF WATERFORD UTILITIES COMMISSION DEPARTMENT	(860) 444-6886
WATER - CITY OF NEW LONDON DEPARTMENT OF PUBLIC UTILITIES	(860) 437-6365

4. IN GENERAL, EXISTING CONDITIONS AND FEATURES ARE DEPICTED IN SCREENED GRAPHICS AND TITLECASE LETTERING AND PROPOSED WORK IS DEPICTED IN BOLD GRAPHICS AND UPPERCASE LETTERING.

5. THE STANDARD SPECIFICATIONS ARE THE DIVISION II CONSTRUCTION DETAILS AND DIVISION III MATERIALS SECTION OF THE "STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 819", 2024, LATEST REVISION, INCLUDING ALL SUPPLEMENTS THERETO.

6. PRIOR TO THE START OF WORK, THOROUGHLY REVIEW THE DRAWINGS, THE SITE OF THE WORK AND ALL EXISTING CONDITIONS AND FEATURES. NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS AND FEATURES IN THE FIELD.

7. ADHERE TO THE REGULATIONS AND ORDINANCES OF THE TOWN OF WATERFORD, ALL APPLICABLE STATE AND FEDERAL REGULATORY AUTHORITIES, AND THE PROVISIONS OF ALL APPROVALS AND OR PERMITS ISSUED FOR THE PROJECT.

8. PROVIDE EROSION AND SEDIMENT CONTROL AS SHOWN ON THE DRAWINGS OR AS ORDERED BY THE ENGINEER. THE MINIMUM STANDARDS FOR ALL EROSION AND SEDIMENT CONTROLS SHALL BE THOSE OUTLINED IN THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL", LATEST REVISION. TEMPORARY EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.

9. MATERIAL AND EQUIPMENT STORAGE AREA LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

10. VEHICLE AND EQUIPMENT FUELING AND MAINTENANCE OPERATIONS SHALL BE PERFORMED ONLY IN AREAS APPROVED BY THE ENGINEER.

11. IN THE EVENT OF A CONTAMINANT RELEASE, IMMEDIATELY NOTIFY THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION EMERGENCY RESPONSE AND SPILL PREVENTION DIVISION (860-244-3339 OR 866-537-7745) AND THE TOWN OF WATERFORD FIRE MARSHALS OFFICE (860-440-5544).

12. COORDINATE ALL BUILDING UTILITY SERVICE WORK WITH THE RESPECTIVE UTILITY COMPANIES.

13. WORK WITHIN THE KEYMON ROAD RIGHT-OF-WAY WILL REQUIRE AN ENCROACHMENT PERMIT FROM THE TOWN OF WATERFORD DEPARTMENT OF PUBLIC WORKS.

14. BE RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC WITHIN AND ADJACENT TO WORK AREAS.

15. BE RESPONSIBLE FOR THE CONTROL OF DUST RESULTING FROM CONSTRUCTION OPERATIONS.

16. PROTECT ALL EXISTING CONDITIONS AND FEATURES WHERE NEW CONSTRUCTION IS NOT SHOWN ON THE DRAWINGS.

17. PROTECT STREET LINE AND PRIVATE BOUNDARY MARKERS.

18. PRIOR TO THE START OF TREE AND VEGETATION REMOVAL WORK, SCHEDULE A FIELD MEETING WITH THE ARCHITECT AND THE ENGINEER TO REVIEW SPECIFIC TREES AND VEGETATION TO BE REMOVED AND TREES AND VEGETATION TO BE PROTECTED.

19. SAWCUT PAVEMENTS AT THE LINES SHOWN ON THE DRAWINGS, WHERE NEW BITUMINOUS CONCRETE PAVEMENT IS TO BE ADJACENT TO EXISTING PAVEMENT, SHALL BE IN THE FACE OF EXISTING PAVEMENT AND APPLY LIQUID BITUMEN. MATCH EXISTING ADJACENT PAVEMENT SURFACE ELEVATIONS WITH NEW PAVEMENT.

20. ADJUST MANHOLE FRAMES, HANDHOLES, AND VALVE BOXES TO MATCH FINISHED GROUND SURFACE AND PAVEMENTS ELEVATIONS.

21. THE SUBGRADE OF DISTURBED GROUND SURFACES NOT NOTED TO BE SURFACED OTHERWISE SHALL RECEIVE A 6" THICKNESS OF TOPSOIL, UPON WHICH TURF SHALL BE ESTABLISHED.

REFERENCE:
NATIONAL COOPERATIVE SOIL SURVEY DATA FOR THE STATE OF CONNECTICUT, U.S. DEPARTMENT
OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE

<u>MAP UNIT SYMBOL</u>	<u>MAP UNIT DESCRIPTION</u>
18	CATDEN AND FREETOWN SOILS, 0 TO 2 PERCENT SLOPES
701A	NINIGRET FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES

LAND
OF
CONGREGATION BETH-EL, INC.
33 KENYON ROAD
WATERFORD, CONNECTICUT

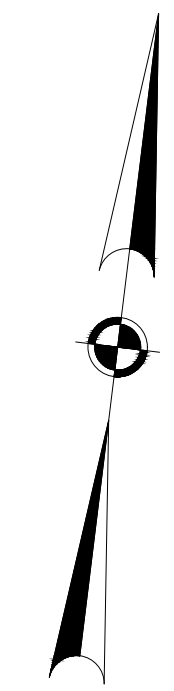
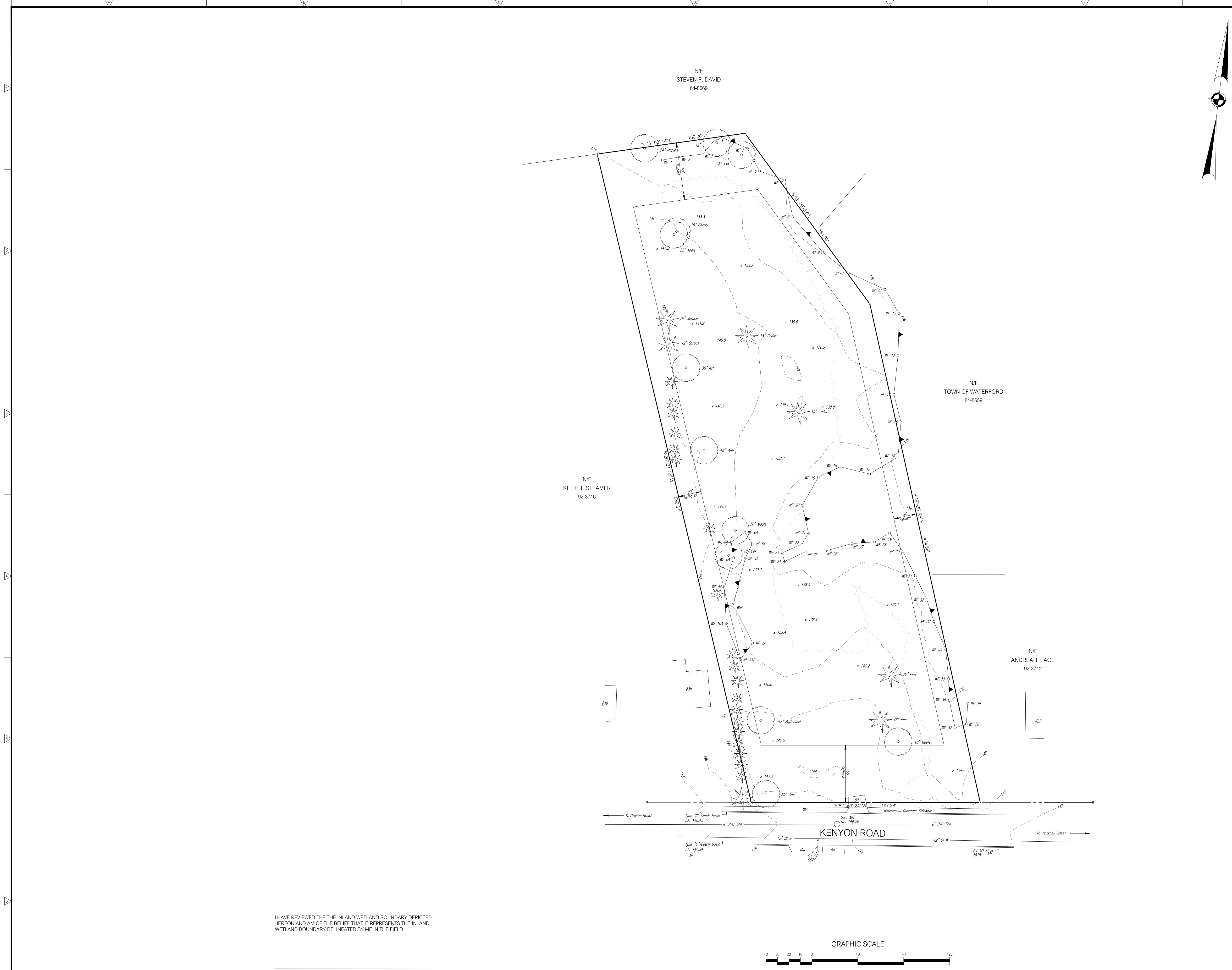
ISSUED FOR PERMITTING
DATE: 3-23-26

Summer Hill
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60 Wall Street
P.O. Box 708
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Telephone: (203) 245-0722

CONGREGATION BETH-EL
SYNAGOGUE

GENERAL NOTES, ABBREVIATIONS AND LEGEND

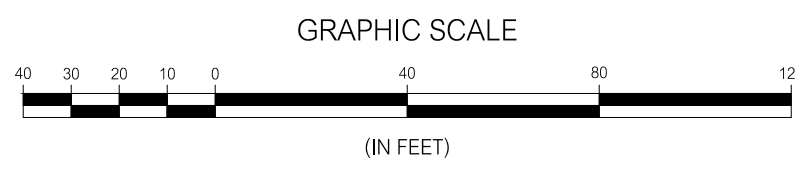
SHEET NO.:
C-002



- NOTES:
1. PROPERTY BOUNDARY, STREET LINE, INLAND WETLAND BOUNDARY, AND PLANIMETRIC AND TOPOGRAPHIC INFORMATION DEPICTED HEREIN HAS BEEN REPRODUCED FROM THE FOLLOWING MAP:
PROPERTY SURVEY PROPERTY BELONGING TO: CONGREGATION BETH EL, INC. 33 KENYON ROAD WATERFORD, CONNECTICUT ZONE: R-20, SHEET 1 OF 1, DATE: 5-27-23, SCALE: 1"=40', PREPARED BY: BRIAN D. FLOREK, L.S.
 2. THE INLAND WETLAND BOUNDARY DEPICTED HEREIN WAS DELINEATED BY JAMES S. SIPPERLY, REGISTERED SOIL SCIENTIST.
 3. THE PROJECT COORDINATE SYSTEM IS REFERENCED TO THE BEARING SYSTEM OF THE REFERENCE MAP NOTED.
 4. ELEVATIONS ARE REFERENCED TO AN ASSUMED VERTICAL DATUM.
 5. THE PARCEL IS DEPICTED ON ASSESSORS MAP 92 AS LOT 3715.
 6. PARCEL AREA = 112,209± SF = 2.58± AC.
 7. THE PARCEL IS LOCATED WITHIN A MEDIUM DENSITY RESIDENTIAL R-20 ZONING DISTRICT.
 8. THE PARCEL IS LOCATED WITHIN FLOOD ZONE X. REFERENCE: FEMA NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NEW LONDON COUNTY CONNECTICUT, PANEL 344 OF 554, MAP NUMBER 09011C0344G, EFFECTIVE DATE: JULY 18, 2011.
 9. SOIL TYPES AND/OR SOIL TYPE BOUNDARIES DEPICTED OR NOTED HEREIN HAVE BEEN REPRODUCED FROM NATIONAL COOPERATIVE SOIL SURVEY DATA FOR THE STATE OF CONNECTICUT, U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE.

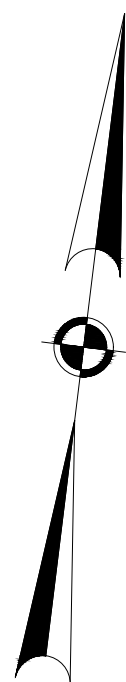
I HAVE REVIEWED THE THE INLAND WETLAND BOUNDARY DEPICTED HEREON AND AM OF THE BELIEF THAT IT REPRESENTS THE INLAND WETLAND BOUNDARY DELINEATED BY ME IN THE FIELD

JAMES SIPPERLY, CSS, PWS _____ DATE _____



PERMIT DRAWINGS

REVISIONS:			TITLE:			DRAWING PHASE:			SEAL:			PREPARED BY:			PROJECT:		
			LAND OF CONGREGATION BETH-EL, INC. 33 KENYON ROAD WATERFORD, CONNECTICUT			ISSUED FOR PERMITTING DATE: 3-23-26						Summer Hill Civil Engineers & Land Surveyors, P.C. 60 Wall Street P.O. Box 7108 Madison, Connecticut 06443-0708 Telephone: (203) 245-0722			CONGREGATION BETH-EL SYNAGOGUE		
NO. DATE DESCRIPTION															DATE: 2-1-26 SHEET: EXISTING CONDITIONS PLAN SHEET NO.: C-101		
REVISIONS															DESIGNED: MJO FIELD BOOK: PROJECT NO.: 23-20		
															CHECKED: LJM		



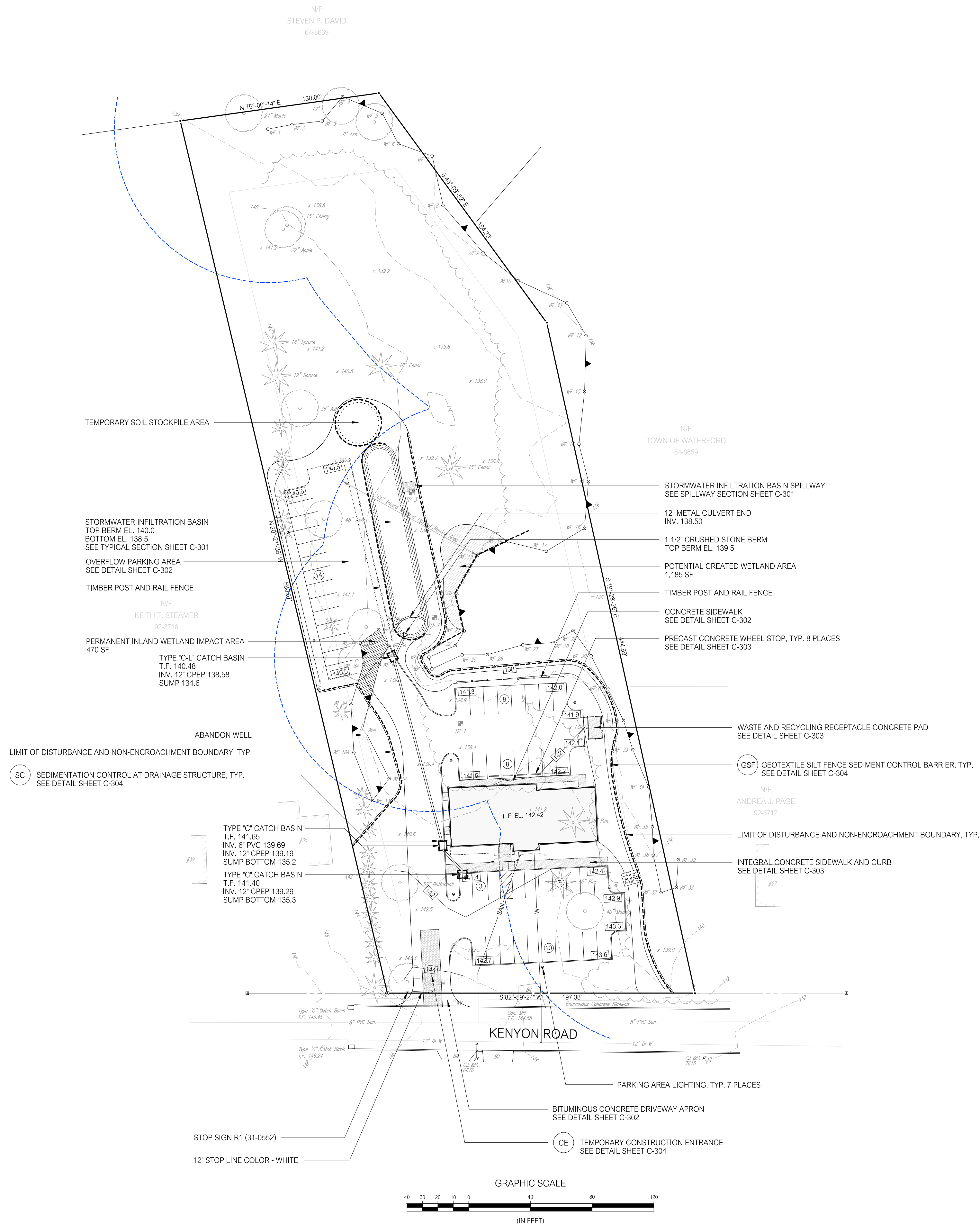
NOTE:

UPON COMPLETION OF THE FORMATION OF THE STORMWATER INFILTRATION BASIN BOTTOM SUBGRADE:

INSTALL A TEMPORARY DIVERSION BERM TO DIRECT SURFACE WATER AROUND THE BASIN AND PREVENT SURFACE WATER FROM ENTERING THE BASIN.

INSTALL A TEMPORARY SEDIMENT CONTROL BARRIER ON THE UPGRAIDENT SIDE OF THE BASIN.

THE TEMPORARY DIVERSION BERM AND SEDIMENT CONTROL BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ON THE SITE HAVE BEEN STABILIZED.

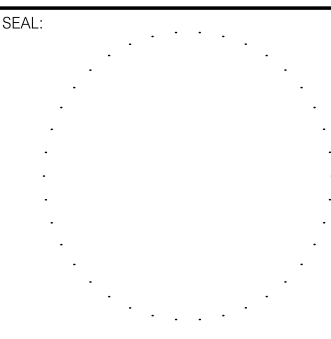


REVISIONS:			TITLE:
NO.	DATE	DESCRIPTION	
REVISIONS			

LAND
OF
CONGREGATION BETH-EL, INC.
33 KENYON ROAD
WATERFORD, CONNECTICUT

DRAWING PHASE:

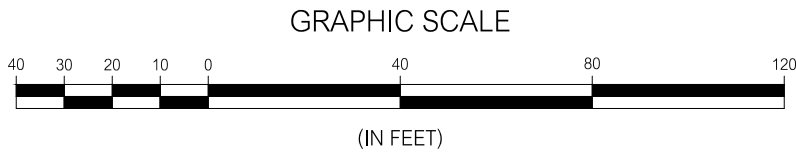
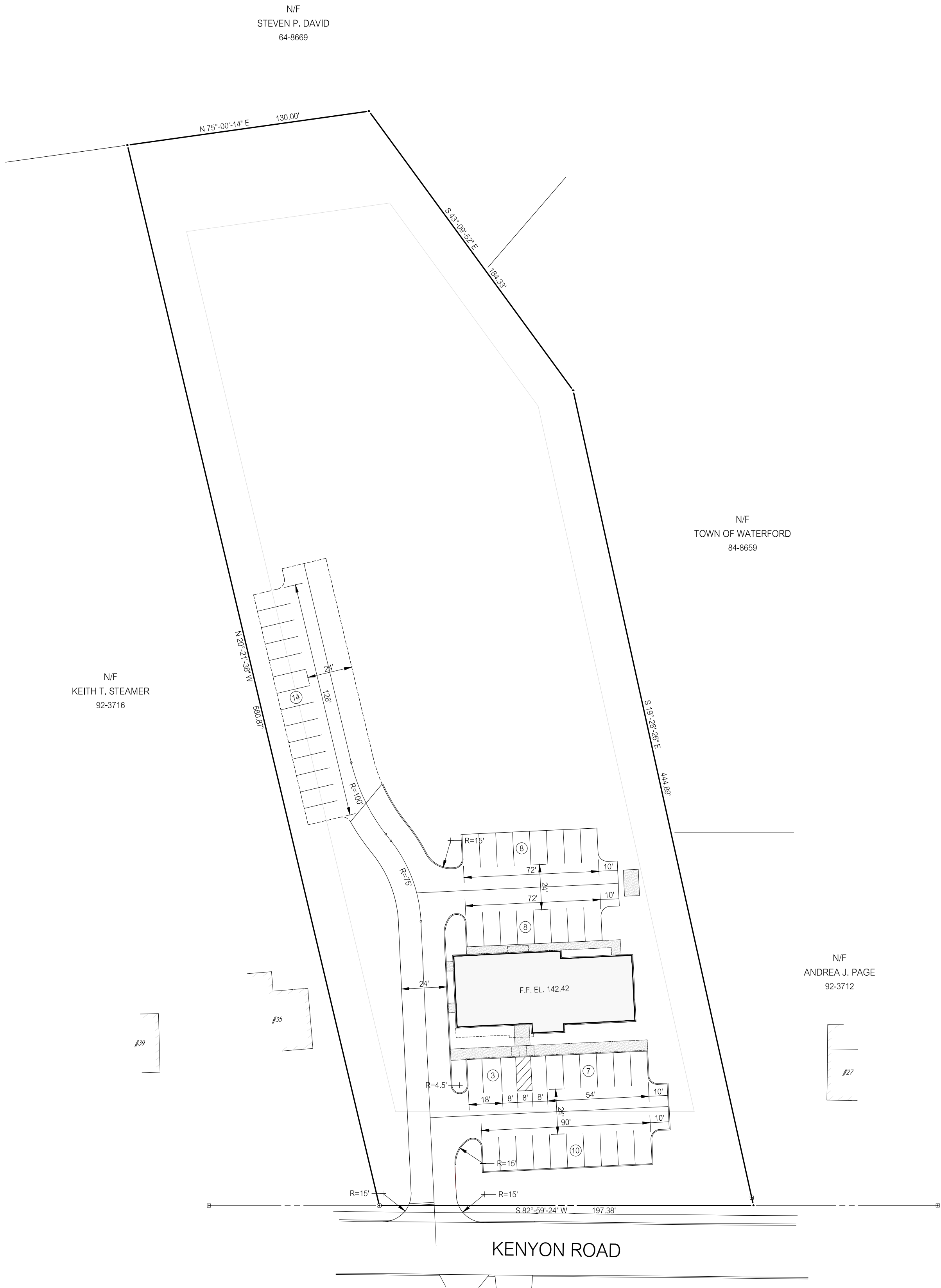
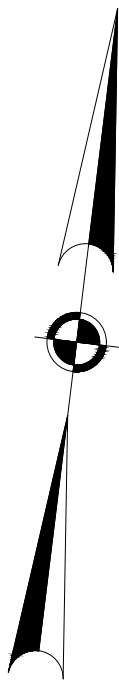
ISSUED FOR PERMITTING
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Madison, Connecticut 06443-0708
Telephone: (203) 245-0722

PROJECT:			CONGREGATION BETH-EL SYNAGOGUE		SHEET NO.:
DATE:	2-1-26	SHEET:	GENERAL PLAN		C-201
SCALE:	1"=40'				
DESIGNED:	MJO				
CHECKED:	LJM	FIELD BOOK:		PROJECT NO.:	23-20

- NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CURBING OR EDGE OF PAVEMENT.
 2. PAVEMENT CURVE RADII NOT DIMENSIONED OR SHOWN IN THE DRAWING DETAILS ARE FIVE (5) FEET.
 3. SEE SHEET C-303 DETAILS FOR PARKING STALL DIMENSIONS.
 4. PARKING BAY STALL NUMBER TOTALS ARE IDENTIFIED THUS: ⑩



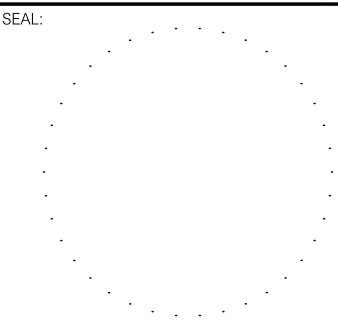
PERMIT DRAWINGS

REVISIONS			TITLE
NO.	DATE	DESCRIPTION	
REVISIONS			

LAND
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CONGREGATION BETH-EL, INC.
33 KENYON ROAD
WATERFORD, CONNECTICUT

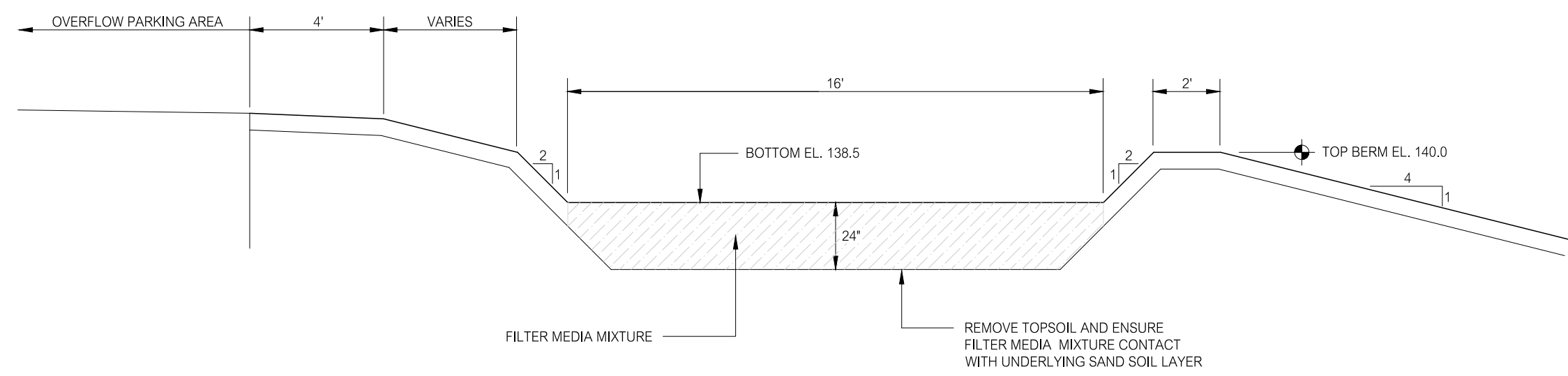
DRAWING PHASE:

ISSUED FOR PERMITTING
DATE: 3-23-26

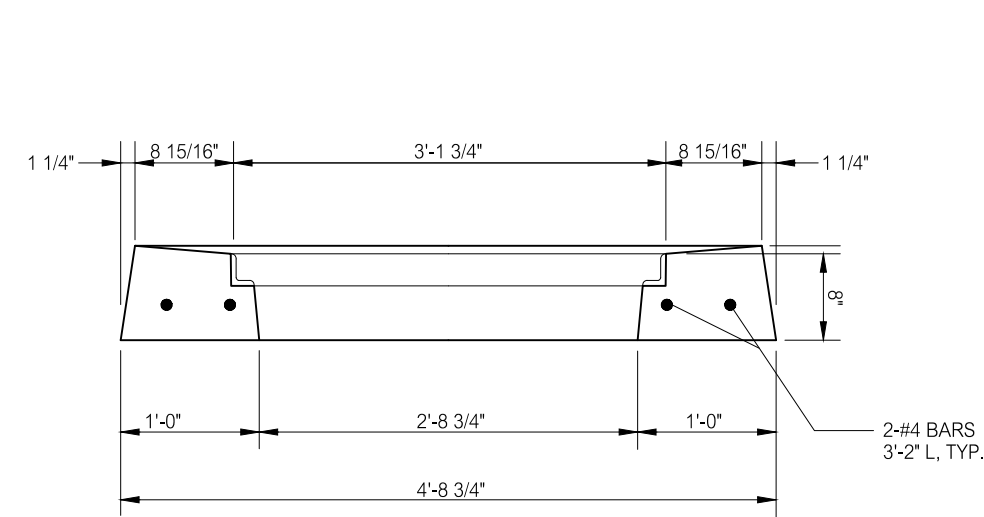


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PROJECT:			CONGREGATION BETH-EL SYNAGOGUE		SHEET NO.:
DATE: 2-1-26		SHEET:		SITE LAYOUT PLAN	
SCALE: 1"=40'		DESIGNED: MJO		C-202	
CHECKED: UJM		FIELD BOOK: -		PROJECT NO.: 23-20	

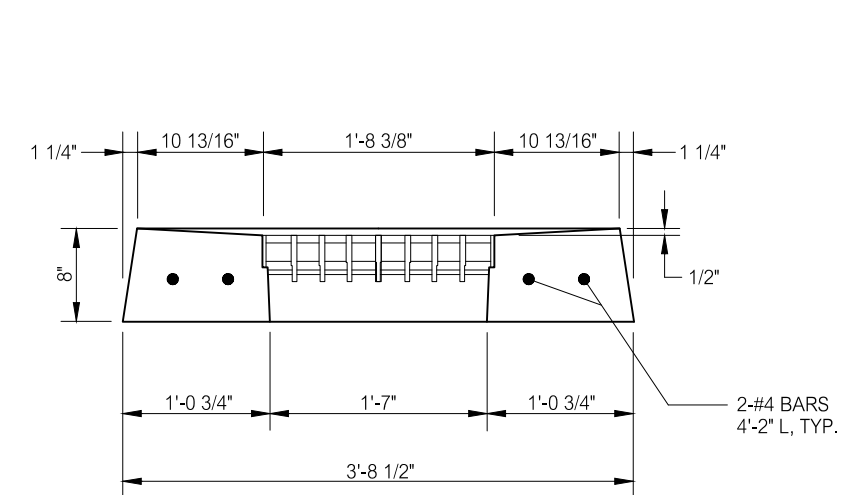


TYPICAL STORMWATER INFILTRATION BASIN SECTION



SECTION A-A

SECTION A-A

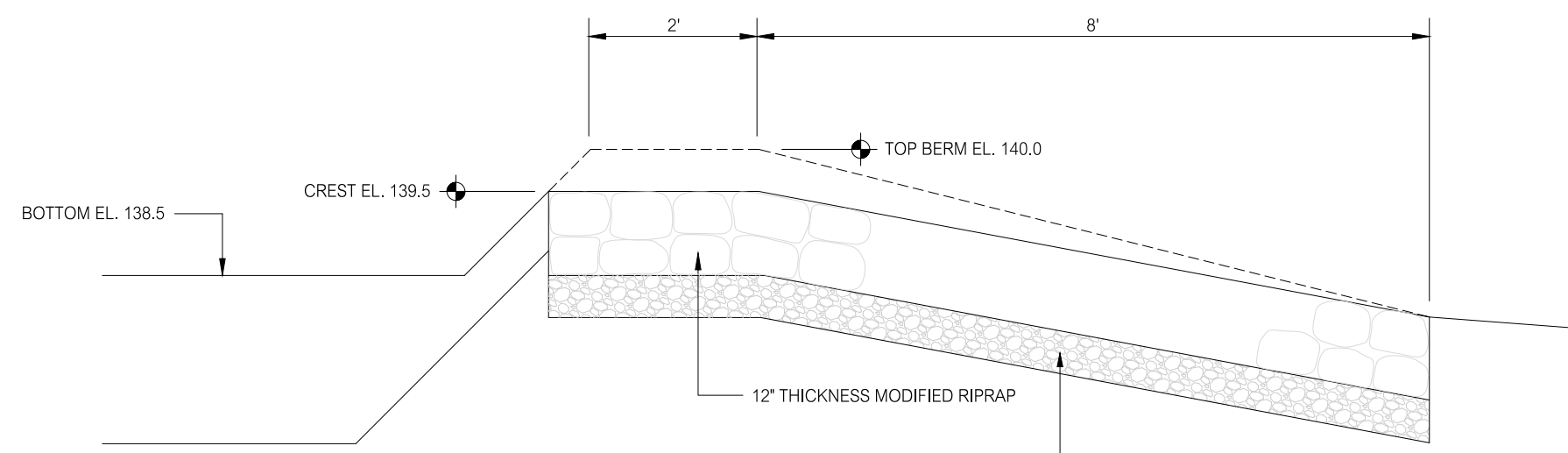


SECTION B-B

SECTION B-B

TYPE "C" CATCH BASIN TOP
FOR 6" CONCRETE OR 6" STONE CURBING
NOT TO SCALE

TYPE "C-L" CATCH BASIN TOP
NOT TO SCALE



SECTION THROUGH SPILLWAY
1/2"=1'-0"



DIMENSIONS FOR METAL CULVERT END						
PIPE DIA.	A MAX	B MAX	H ± 1"	L ± 1 1/2"	W ± 2"	THICKNESS (INCHES)
12	6	6	6	21	24	.084
15	7	8	6	26	30	.084
18	8	10	6	31	36	.084
21	9	12	6	36	42	.084
24	10	13	6	41	48	.084
30	12	16	8	51	60	.079
36	14	19	9	60	72	.079



PRECAST CONCRETE TYPE "C" AND TYPE "C-L" CATCH BASIN
NOT TO SCALE

1. WELDED WIRE FABRIC WITH AN AREA EQUAL TO OR GREATER THAN THE REINFORCING SHOWN MAY BE SUBSTITUTED AS APPROVED BY THE ENGINEER.
2. ALL REINFORCING SHALL HAVE A MINIMUM CLEAR COVER OF 2 INCHES EXCEPT FOR BENEATH BOTTOM REINFORCING IN THE TOP SLABS, WHERE THE MINIMUM MAY BE 1 1/2 INCHES.
3. WALL THICKNESS OF ALL CATCH BASINS OVER 10 FEET DEEP SHALL BE INCREASED TO 12 INCHES. INSIDE DIMENSIONS SHALL REMAIN THE SAME. THE 12 INCH THICKNESS SHALL START AFTER THE FIRST 10 FEET.
4. BASES AND RISERS AT A DEPTH OF 20 FEET AND GREATER SHALL BE SUBMITTED TO THE CONTRACTOR AND WORKING DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
5. RISERS MAY BE PREFABRICATED WITH PIPE OPENINGS IN ALL FOUR WALLS. ADEQUATE REINFORCING AROUND PIPE OPENINGS SHALL BE PROVIDED BY THE CONTRACTOR. WHERE A PIPE OPENING IS TO REMAIN IN PLACE MUST BE FORMED UP WITH BLOCK AS DIRECTED BY THE ENGINEER.
6. RISERS SHALL NEVER HAVE CORNER PIPE STRIES. ROUND STANCHIONS SHALL BE USED WHEN PIPES CANNOT ALIGN WITH A RECTANGULAR STRUCTURE KNOCKOUT.
7. SHRINKAGE AND TEMPERATURE REINFORCEMENT SHALL BE PROVIDED IN THE TOPS OF SLABS. THE TOTAL AREA OF REINFORCEMENT SHALL BE NOT LESS THAN 0.125 SQUARE INCHES PER FOOT IN EACH DIRECTION. THE MAXIMUM SPACING OF THE REINFORCEMENT SHALL NOT EXCEED 18 INCHES.
8. THE EXTERIOR SURFACES OF ALL PRECAST CONCRETE SECTIONS SHALL BE COATED WITH A BITUMINOUS WATERPROOFING COMPOUND.

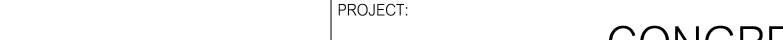


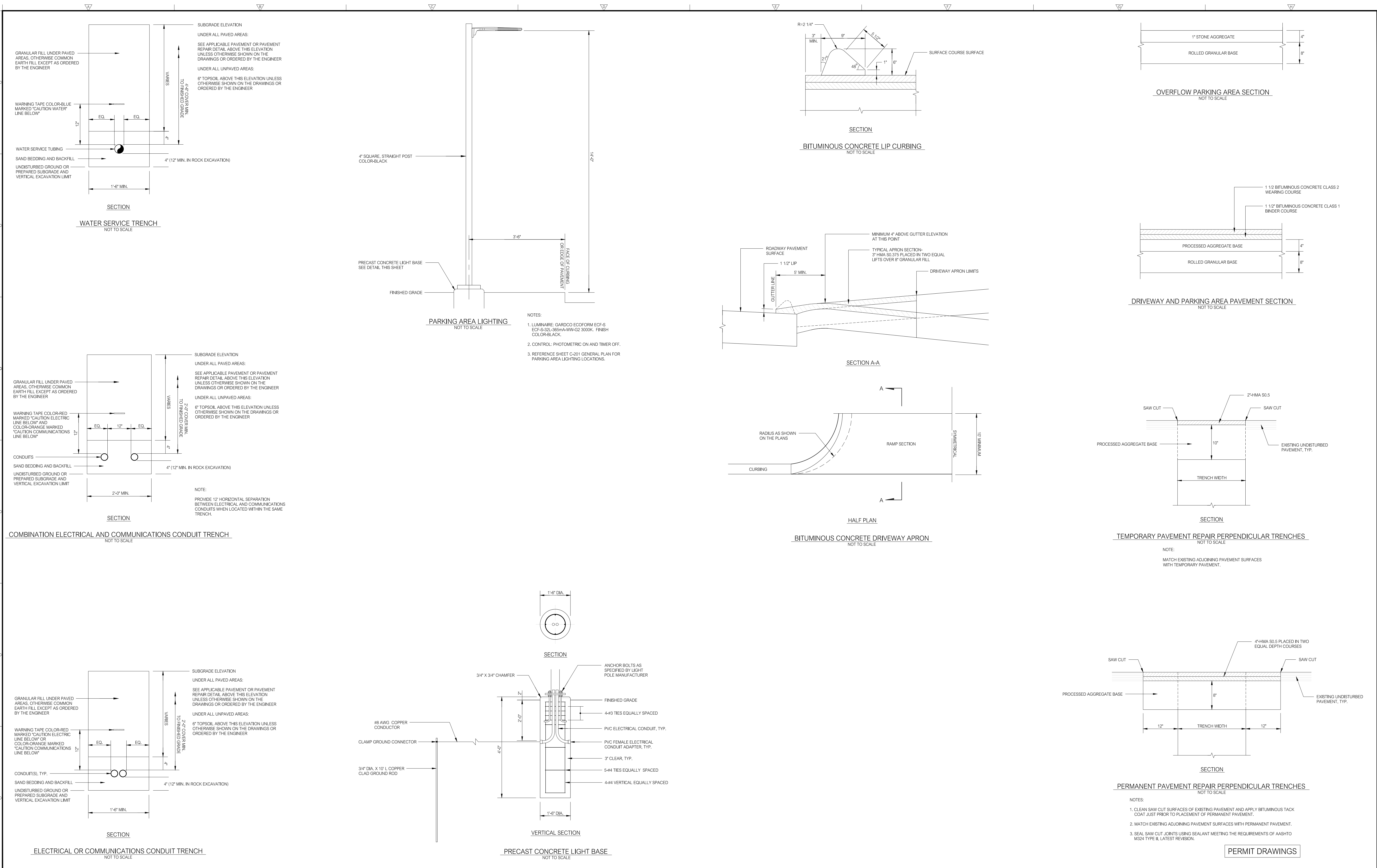
STORM SEWER TRENCH
NOT TO SCALE



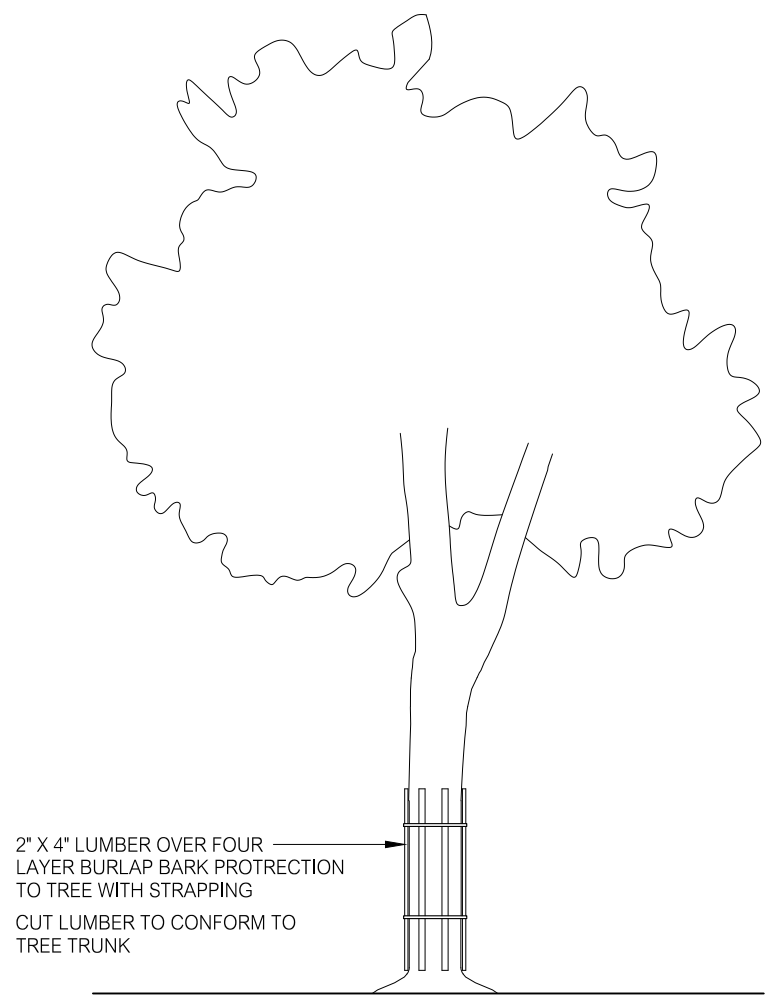
SANITARY SEWER TRENCH
NOT TO SCALE

PERMIT DRAWINGS

REVISIONS:			TITLE:		
			LAND OF CONGREGATION BETH-EL, INC. 33 KENYON ROAD WATERFORD, CONNECTICUT		
			DRAWING PHASE: ISSUED FOR PERMITTING DATE: 3-23-26		
			SEAL: 		
			PREPARED BY: Summer Hill Civil Engineers & Land Surveyors, P.C. 60 Wall Street P.O. Box 708 Madison, Connecticut 06443-0708 Telephone: (203) 245-0722		
			PROJECT: CONGREGATION BETH-EL SYNAGOGUE		
			DATE: 2-1-26		
			SHEET: DETAILS		
			SCALE: AS NOTED		
			DESIGNED: MJO		
			CHECKED: LJM		
			FIELD BOOK: PROJECT NO.: 216/201		
			SHEET NO.: C-301		



REVISIONS:			TITLE:										DRAWING PHASE:			SEAL:	PREPARED BY:			PROJECT:											
			LAND OF CONGREGATION BETH-EL, INC. 33 KENYON ROAD WATERFORD, CONNECTICUT										ISSUED FOR PERMITTING DATE: 9-29-26				Summer Hill Civil Engineers & Land Surveyors, P.C. 60 Wall Street P.O. Box 708 Madison, Connecticut 06443-0708 Telephone: (203) 245-0722			CONGREGATION BETH-EL SYNAGOGUE											
																				DATE: 2-1-26		SHEET: DETAILS		SHEET NO. C-302							
																				SCALE: AS NOTED											
																				DESIGNED: MJO											
																				CHECKED: LJM		FIELD BOOK: -		PROJECT NO. 23-20							
NO.			DATE			DESCRIPTION																									
REVISIONS																															



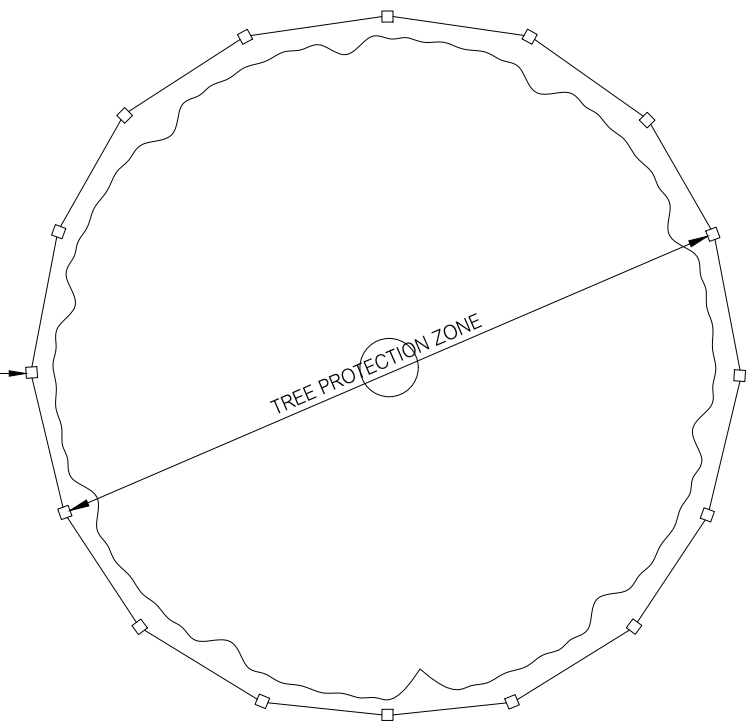
ELEVATION

TP TRUNK ARMORING TREE PROTECTION
NOT TO SCALE

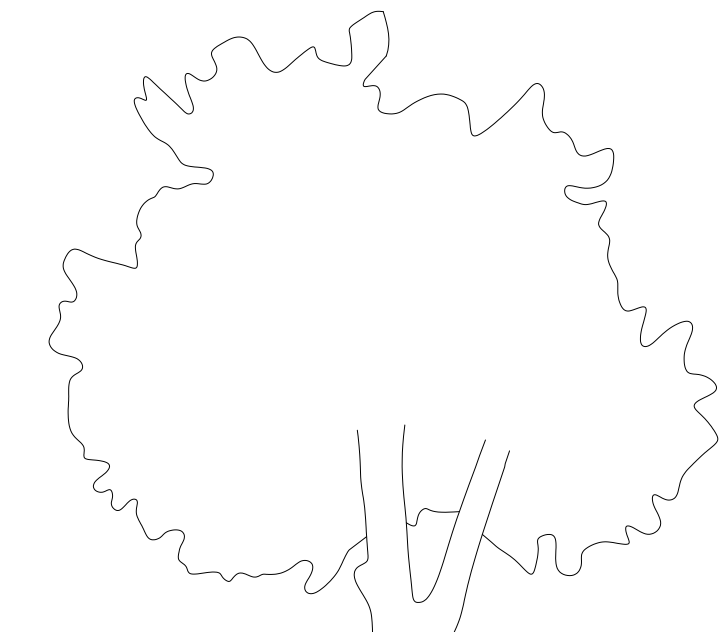
NOTES:

1. DETAIL APPLIES WHERE A CRITICAL ROOT PROTECTION ZONE EQUAL TO A CIRCULAR AREA WITH A DIAMETER EQUAL TO 10 TIMES THE DIAMETER OF THE TREE AT BREAST HEIGHT CANNOT BE FENCED.
2. SECURE OVERHANGING TREE BRANCHES IF POSSIBLE TO PREVENT VEHICLE AND EQUIPMENT DAMAGE.
3. MAINTAIN TREE PROTECTION UNTIL ALL CONSTRUCTION ACTIVITIES REQUIRING THE USE OF EQUIPMENT AND VEHICLES AND STOCKPILING OF MATERIALS IN THE VICINITY OF THE PROTECTED TREE ARE COMPLETE.

CONSTRUCTION SAFETY FENCING, COLOR-ORANGE



PLAN



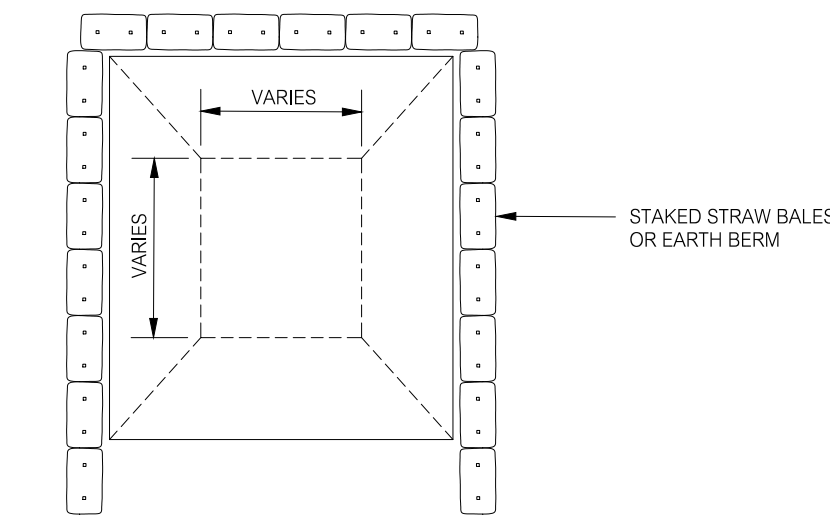
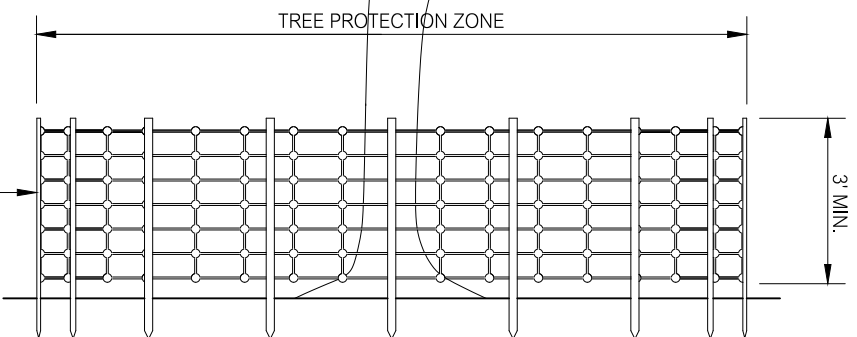
ELEVATION

TP FENCING TREE PROTECTION
NOT TO SCALE

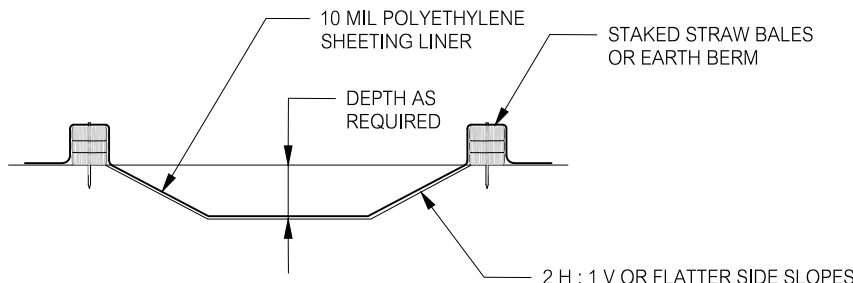
NOTES:

1. TREE PROTECTION ZONE EQUAL TO A CIRCULAR AREA WITH A DIAMETER EQUAL TO 20 TIMES THE DIAMETER OF THE TREE AT BREAST HEIGHT.
2. CRITICAL ROOT PROTECTION ZONE EQUAL TO A CIRCULAR AREA WITH A DIAMETER EQUAL TO 10 TIMES THE DIAMETER OF THE TREE AT BREAST HEIGHT.
3. STAKE FENCING USING WOOD OR METAL STAKES AT INTERVALS ADEQUATE TO MAINTAIN FENCING UPRIGHT.
4. MAINTAIN TREE PROTECTION UNTIL ALL CONSTRUCTION ACTIVITIES REQUIRING THE USE OF EQUIPMENT AND VEHICLES AND STOCKPILING OF MATERIALS IN THE VICINITY OF PROTECTED TREE ARE COMPLETE.

CONSTRUCTION SAFETY FENCING, COLOR-ORANGE



PLAN

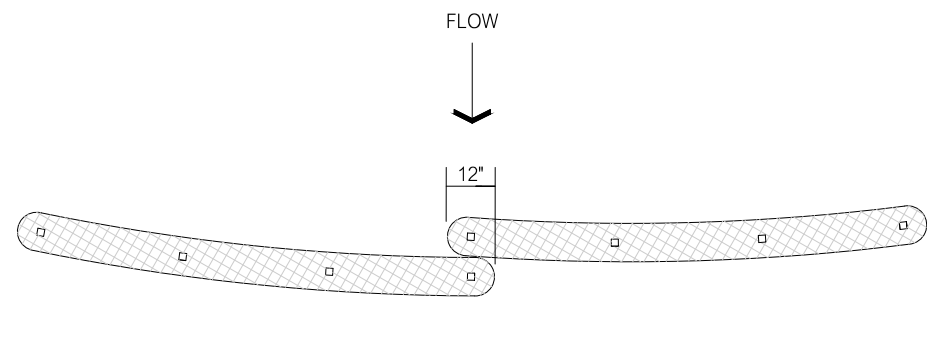


SECTION

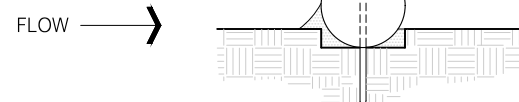
CONCRETE WASHOUT AREA
NOT TO SCALE

NOTES:

1. CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT OR THE USE OF GROUT AND MORTAR ON SITE.
2. CONCRETE WASHOUT AREA SHALL BE PLACED IN A LOCATION THAT MINIMIZES INTERFERENCE WITH CONSTRUCTION ACTIVITIES. IS A MINIMUM OF FIFTY (50) FEET FROM WETLANDS, WATERCOURSES AND SURFACE WATER BODIES, AND PROVIDES FOR EASE OF ACCESS BY EQUIPMENT FOR CLEANOUT AND DISPOSAL OF CONCRETE WASTE.
3. THE CONCRETE WASHOUT AREA MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL CONCRETE AND GROUT AND MORTAR WASTE.
4. CONCRETE WASHOUT AREA SHALL BE INSPECTED AT LEAST ONE A WEEK INCLUDING AFTER RAINFALL EVENTS.
5. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS WHEN THE DEPTH OF WASTE HAS REACHED ONE-HALF OF THE CONCRETE WASHOUT AREA DEPTH.



PLAN

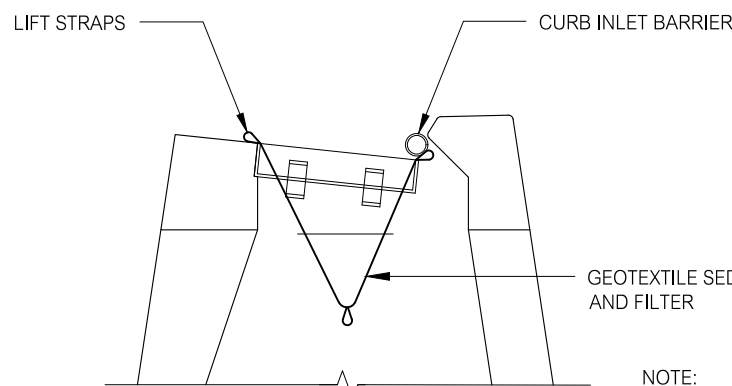


SECTION

SW STRAW WATTLE BARRIER
NOT TO SCALE

1. EXCAVATE 4" DEEP TRENCH ALONG THE GROUND SURFACE CONTOUR AS WIDE AS WATTLE DIAMETER FOR LENGTH OF WATTLE.
2. PLACE AND STAKE WATTLE AT 4 FOOT INTERVALS OR IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
3. OVERLAP ADJACENT WATTLE SECTIONS 12" MINIMUM.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL ON UPHILL SIDE OF BARRIER.

1. INSPECT BARRIER AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 1/2 INCH OR GREATER.
2. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF THE BARRIER.



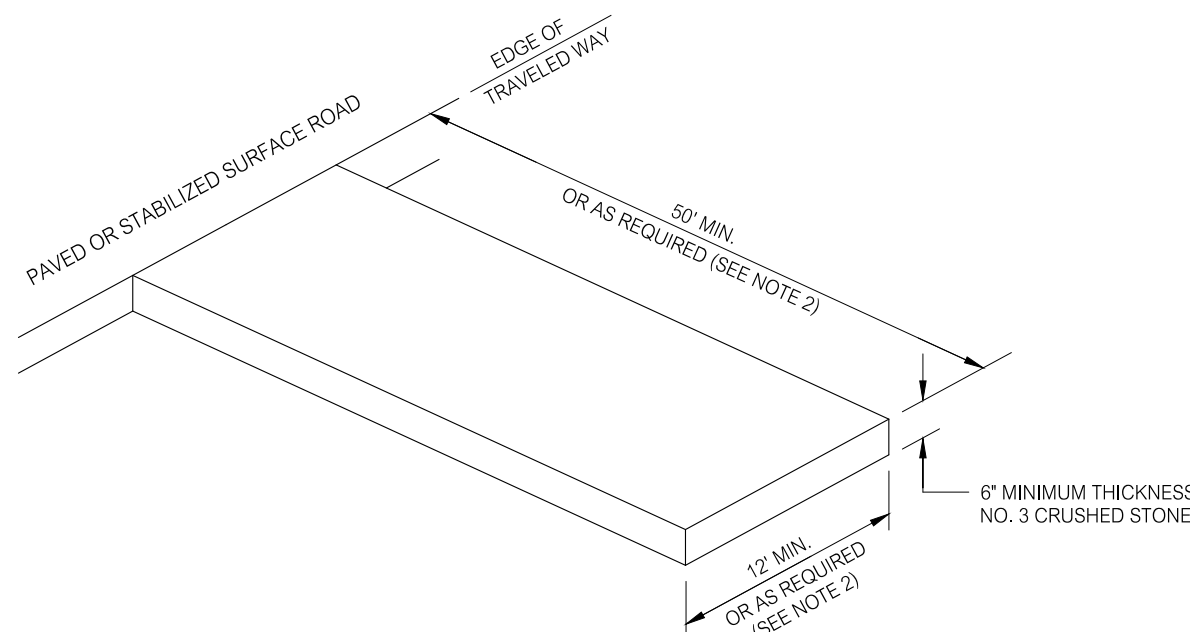
SECTION

NOTE:

TYPE "C" CATCH BASIN SHOWN. THIS DETAIL APPLIES TO ALL DRAINAGE STRUCTURE INLET TYPES SHOWN ON THE DRAWINGS.

SC SEDIMENTATION CONTROL AT DRAINAGE STRUCTURE
NOT TO SCALE

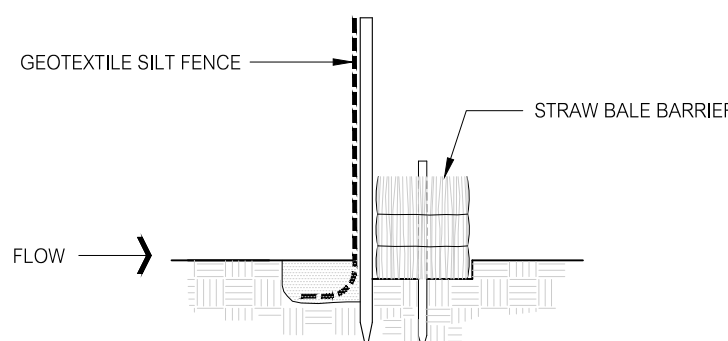
1. PLACE GEOTEXTILE SEDIMENT TRAP AND FILTER UNDER GRATE AND SET IN FRAME.
2. PLACE CURB INLET BARRIER AGAINST CURB INLET OPENING.
1. INSPECT DRAINAGE STRUCTURE INLETS AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 1/2 INCH OR GREATER.
2. REMOVE SEDIMENT TRAP AND FILTER WHEN 1/2 FULL. DISPOSE OF SEDIMENT, CLEAN AND RE-INSTALL THE SEDIMENT TRAP.



CE CONSTRUCTION ENTRANCE
NOT TO SCALE

NOTES:

1. CLEAR AND GRUB AREA AND REMOVE TOPSOIL BEFORE PLACEMENT OF CRUSHED STONE LAYER. A GEOTEXTILE MAY BE REQUIRED TO STRENGTHEN SUBGRADE SOILS AND TO PREVENT STONE MOVEMENT AND LOSS OF VOIDS WITHIN THE STONE ENTRANCE WHERE REQUIRED.
2. LENGTH AND WIDTH OF ENTRANCE MAY BE INCREASED OR MAY BE LIMITED BY SITE CONDITIONS AS DIRECTED BY THE ENGINEER.
3. PROVIDE ADEQUATE WIDTH OF ENTRANCE AT ROAD INTERSECTION TO ACCOMMODATE THE TURNING MOVEMENTS OF CONSTRUCTION VEHICLES.
4. MAINTAIN ENTRANCE SO AS TO PREVENT TRACKING OR WASHING OF SEDIMENT ONTO ROAD. SEDIMENT THAT MAY BE TRACKED OR OTHERWISE DEPOSITED WITHIN THE ROAD SHALL BE REMOVED IMMEDIATELY.
5. MAINTENANCE MAY INCLUDE THE REQUIREMENT FOR TOP DRESSING THE CRUSHED STONE LAYER OR REPLACING THE FULL DEPTH OF THE CRUSHED STONE LAYER.
6. SHOULD SITE CONDITIONS BE SUCH THAT SOIL CANNOT BE REMOVED BY VEHICLES TRAVELING OVER THE ENTRANCE, THE TIRES OF VEHICLES MAY HAVE TO BE WASHED PRIOR TO VEHICLES ENTERING THE ROAD. ALL WASH WATER SHALL BE DIRECTED THROUGH AN APPROVED SEDIMENT FILTER OR TO A SEDIMENT BASIN.

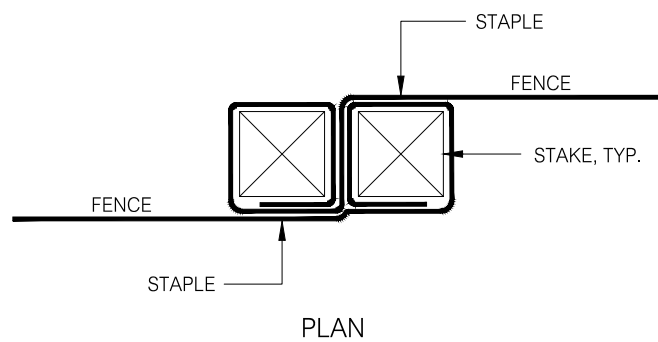


SECTION

GEOTEXTILE SILT FENCE AND STRAW BALE SEDIMENT CONTROL BARRIER
NOT TO SCALE

NOTES:

1. SEE GEOTEXTILE SILT FENCE AND STRAW BALE BARRIER DETAILS THIS SHEET.
2. WHERE A DOUBLE ROW OF BARRIER IS CALLED FOR ON THE PLANS THE DISTANCE BETWEEN THE FIRST LINE OF STRAW BALES AND THE SECOND LINE OF GEOTEXTILE SILT FENCE SHALL BE A MINIMUM OF 2 FEET.

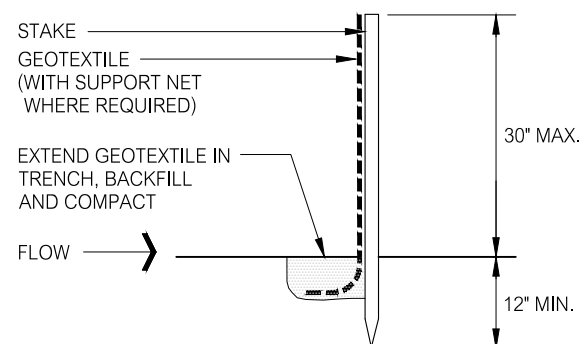


PLAN

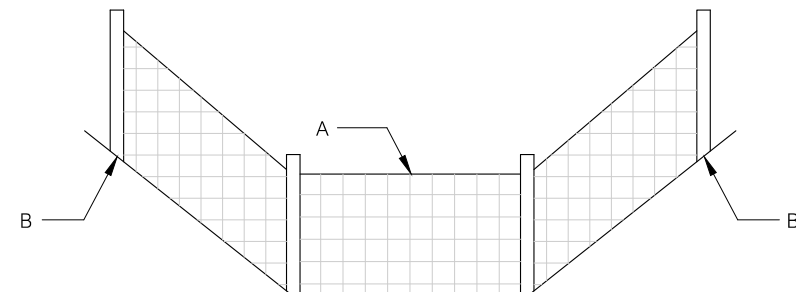
FENCE JOINT DETAIL

NOTE:

DRIVE STAKES TIGHTLY TOGETHER AND SECURE TOPS OF STAKES WITH CORD OR WIRE TO PREVENT FLOW-THROUGH OF SEDIMENT.



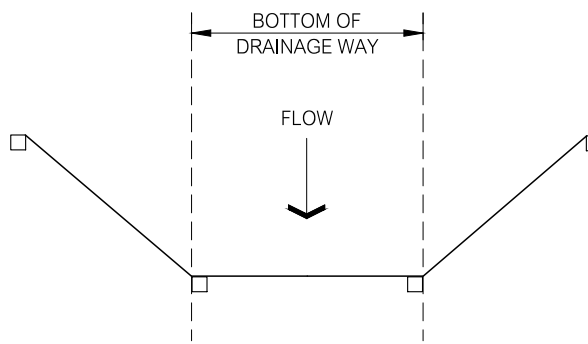
SECTION



ELEVATION

NOTE:

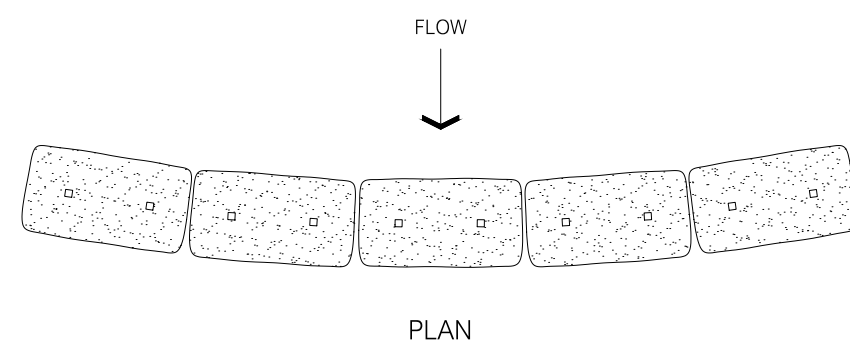
WHEN NOT INSTALLED ON THE CONTOUR OR WHEN INSTALLED IN A DRAINAGE WAY, THE ELEVATION OF POINTS B SHALL BE HIGHER THAN POINT A.



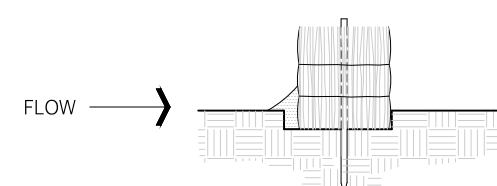
PLAN

GSF GEOTEXTILE SILT FENCE
NOT TO SCALE

1. EXCAVATE 6" DEEP TRENCH FOR LENGTH OF THE FENCE.
2. EXTEND 6" LENGTH OF GEOTEXTILE INTO TRENCH, BACKFILL AND COMPACT.
3. AS AN ALTERNATE METHOD, EXTEND LENGTH OF GEOTEXTILE HORIZONTALLY ON EXISTING GROUND, RAMP SOIL OVER GEOTEXTILE AND COMPACT.
1. INSPECT FENCE AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 1/2 INCH OR GREATER.
2. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.



PLAN



SECTION

HB STRAW BALE BARRIER
NOT TO SCALE

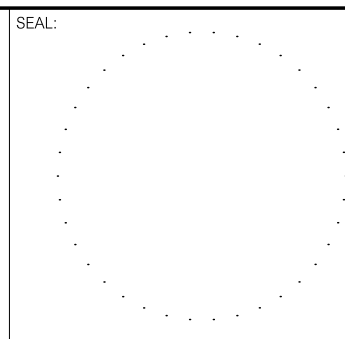
1. EXCAVATE 4" DEEP TRENCH FOR LENGTH OF BALES.
2. PLACE AND STAKE BALES, TWO (2) STAKES PER BALE.
3. PLACE BALES SUCH THAT BINDINGS ARE ORIENTED AROUND THE SIDES OF BALES RATHER THAN ALONG THE TOP AND BOTTOM OF BALES.
4. WEDGE LOOSE STRAW BETWEEN BALES.
5. BACKFILL AND COMPACT THE EXCAVATED SOIL ON UPHILL SIDE OF BARRIER.
1. INSPECT BARRIER AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 1/2 INCH OR GREATER.
2. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF THE BARRIER.

PERMIT DRAWINGS

REVISIONS			TITLE
NO.	DATE	DESCRIPTION	
REVISIONS			

LAND OF
CONGREGATION BETH-EL, INC.
33 KENYON ROAD
WATERFORD, CONNECTICUT

DRAWING PHASE:
ISSUED FOR PERMITTING
DATE: 3/23/26



PREPARED BY:
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Telephone: (203) 245-0722

PROJECT:			
CONGREGATION BETH-EL SYNAGOGUE			
DATE:	2-1-26	SHEET:	SHEET NO:
SCALE:	AS NOTED	DETAILS	C-304
DESIGNED:	MJO		
CHECKED:	LJM		
FIELD BOOK:	-		
		23-20	