

# CONGREGATION BETH-EL SYNAGOGUE

33 KENYON ROAD  
WATERFORD, CONNECTICUT

NOVEMBER 2025

CIVIL PERMIT DRAWINGS

CONSERVATION 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

PROGRESS DRAWINGS  
FOR REVIEW ONLY

12-15-25  
DATE

SUMMER HILL  
CIVIL ENGINEERS & LAND SURVEYORS, P.C.

ISSUED FOR PERMITTING 11-7-25

OWNER

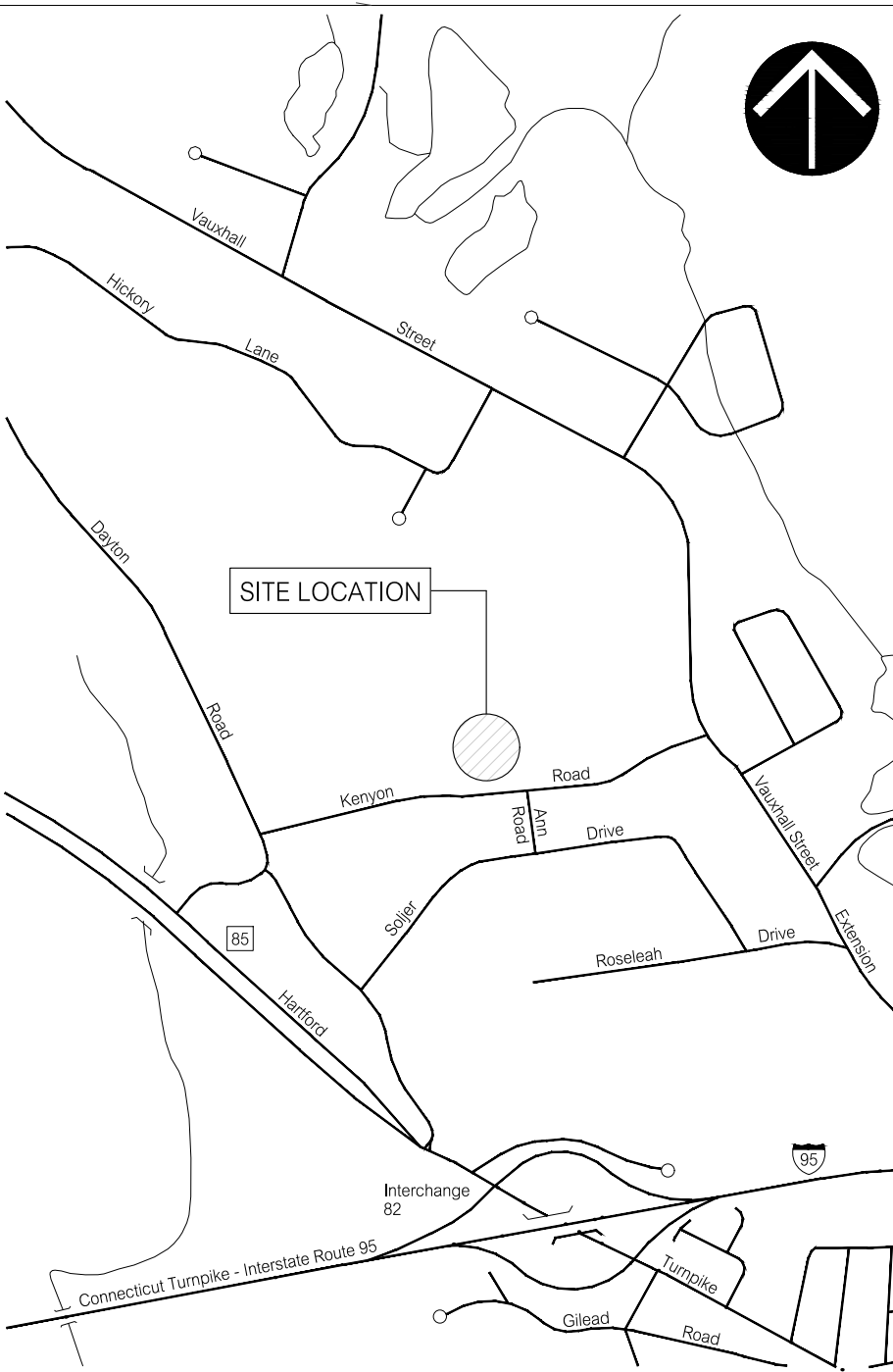
CONGREGATION BETH-EL, INC. OF NEW LONDON  
P.O. BOX 1310  
NEW LONDON, CONNECTICUT 06320  
TELEPHONE: 860-501-3150

APPLICANT

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

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'  
(IN FEET)

ABBREVIATIONS

AC.

ACP

A.S.D.B.E.

B&B

BIT.

BM

B.O.F.

CATV

CB

C.C.

C.C.S.

CFS

CHD

CIP

CJ

CL

C.L.&P.

CMP

CMU

CONC.

CONT.

CPEP

C.Y.

DBL

DH

DI

DIA.

DIP

EA

EJ

EL

E.O.B.

EOP

EQ.

EX

F.C.

F.F.

FM

FND.

FRP

FT

GA.

GAL

H

HDPE

HMA

HTL

I.D.

INV.

IP

KSF

L

LB

L.F.

L.S.

LT

LVC

MAX.

MH

MIN.

MON

NF

N.I.C.

NTS

O.C.

O.D.

P.C.

P.C.C.

PE

P.I.

P.R.C.

PSF

PSI

P.T.

PVC

PVCC

PVI

PVRC

PVT

R

RCCE

RCP

R.O.W.

R.R.

RT

RW

SAN

SCG

SCH

SDR

S.F.

SNET

S.S.

STA.

STD.

S.Y.

T&B

T.F.

T.G.

T.O.F.

T.O.W.

TYP.

U.I.

V

VCP

WF

ACRE

ASBESTOS CEMENT PIPE

ASPHALT COATED CORRUGATED METAL PIPE

AS ORDERED BY ENGINEER

BALLED & BURLAPPED

BITUMINOUS

BENCHMARK

BOTTOM OF FOOTING

CABLE TELEVISION

CATCH BASIN

CENTER TO CENTER

CONNECTICUT COORDINATE SYSTEM

CUBIC FEET PER SECOND

CONNECTICUT HIGHWAY DEPARTMENT

CAST IRON PIPE

CONSTRUCTION OR CONTRACTION JOINT

CLEAR

CONNECTICUT LIGHT AND POWER

CORRUGATED METAL PIPE

CONCRETE MASONRY UNIT

CONCRETE

CONTINUOUS

CORRUGATED POLYETHYLENE PIPE

CUBIC YARD

DOUBLE

DRILL HOLE

DUCTILE IRON

DIAMETER

DUCTILE IRON PIPE

EACH

EXPANSION JOINT

ELEVATION

END OF BORING

EDGE OF PAVEMENT

EQUAL

EXISTING

MINIMUM COMPRESSIVE STRENGTH

YIELD STRENGTH OF STEEL REINFORCEMENT

FINISH FLOOR

FORCE MAIN

FOUND

FIBERGLASS REINFORCED PLASTIC

FEET OR FOOT

GAUGE

GALLON

HORIZONTAL

HIGH DENSITY POLYETHYLENE

HOT MIX ASPHALT

HIGH TIDE LINE

INSIDE DIAMETER

INVERT

IRON PIPE/PIPE

KIPS PER SQUARE FOOT

LENGTH

POUND

LINEAR FEET

LUMP SUM

LEFT

LENGTH OF VERTICAL CURVE

MAXIMUM

MANHOLE

MINIMUM

MONUMENT

NOW OR FORMERLY

NOT IN CONTRACT

NOT TO SCALE

ON CENTER

OUTSIDE DIAMETER

POINT OF CURVATURE

POINT OF COMPOUND CURVATURE

PLAIN END OR POLYETHYLENE

POINT OF INTERSECTION

POINT OF REVERSE CURVATURE

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

POINT OF TANGENCY

POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE

POINT OF VERTICAL COMPOUND CURVATURE

POINT OF VERTICAL INTERSECTION

POINT OF VERTICAL REVERSE CURVATURE

POINT OF VERTICAL TANGENCY

RADIUS

REINFORCED CONCRETE CULVERT END

REINFORCED CONCRETE PIPE

RIGHT-OF-WAY

RAILROAD

RIGHT

RETAINING WALL

SANITARY

SOUTHERN CONNECTICUT GAS

SCHEDULE

STANDARD DIMENSION RATIO

SQUARE FOOT

SOUTHERN NEW ENGLAND TELEPHONE

STAINLESS STEEL

STATION

STANDARD

SQUARE YARD

TOP AND BOTTOM

TOP OF FRAME

TOP OF GRATE

TOP OF FOOTING

TOP OF WALL

TYPICAL

UNITED ILLUMINATING

VERTICAL

VITRIFIED CLAY PIPE

WETLAND FLAG

LEGEND

EXISTING

PROPOSED

PROPERTY LINE

RIGHT-OF-WAY LINE

EASEMENT LINE

BASELINE

ELEVATION CONTOUR

ELEVATION

EDGE OF PAVEMENT

CURBING

GUIDE RAIL

TREE LINE

MAILBOX

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 ≤ 12" DIAMETER

SANITARY SEWER > 12" DIAMETER

STORM SEWER ≤ 12" DIAMETER

STORM SEWER > 12" DIAMETER

CATCH BASIN

MANHOLE

SURVEY STATION

TEST PIT

BORING

PROBE

ASSESSOR'S MAP NO./LOT NO.

SOIL TYPE

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

SOIL TYPE LEGEND

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

MAP UNIT SYMBOL

MAP UNIT DESCRIPTION

18

CATDEN AND FREETOWN SOILS, 0 TO 2 PERCENT SLOPES

701A

NINIGRET FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES

GENERAL NOTES:

1. 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 FACILITY 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 MARKED ON 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) 665-4733  
GAS - YANKEE GAS SERVICES (203) 592-3494  
SANITARY SEWER - TOWN OF WATERFORD UTILITIES COMMISSION DEPARTMENT (860) 444-5886  
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 619", 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 CONTROLS 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 (860-424-3336 OR 866-337-7745) AND THE TOWN OF WATERFORD FIRE MARSHAL'S OFFICE (860-440-0544).

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

13. WORK WITHIN THE KENYON 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.

26. PROTECT STREET LINE AND PRIVATE BOUNDARY MARKERS.

27. 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.

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

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

30. 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.

PERMIT DRAWINGS

REVISIONS:

NO.

DATE

STAFF REVIEW COMMENTS

DESCRIPTION

REVISIONS

TITLE

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

DRAWING PHASE:

ISSUED FOR PERMITTING  
DATE: 11-7-25

SEAL:

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: 11-1-25

SCALE: NONE

DESIGNED: MJO

CHECKED: LJM

SHEET:

GENERAL NOTES, ABBREVIATIONS,  
AND LEGEND

SHEET NO.:

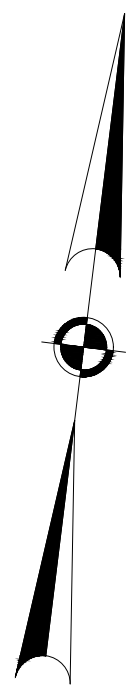
C-002

FIELD BOOK:

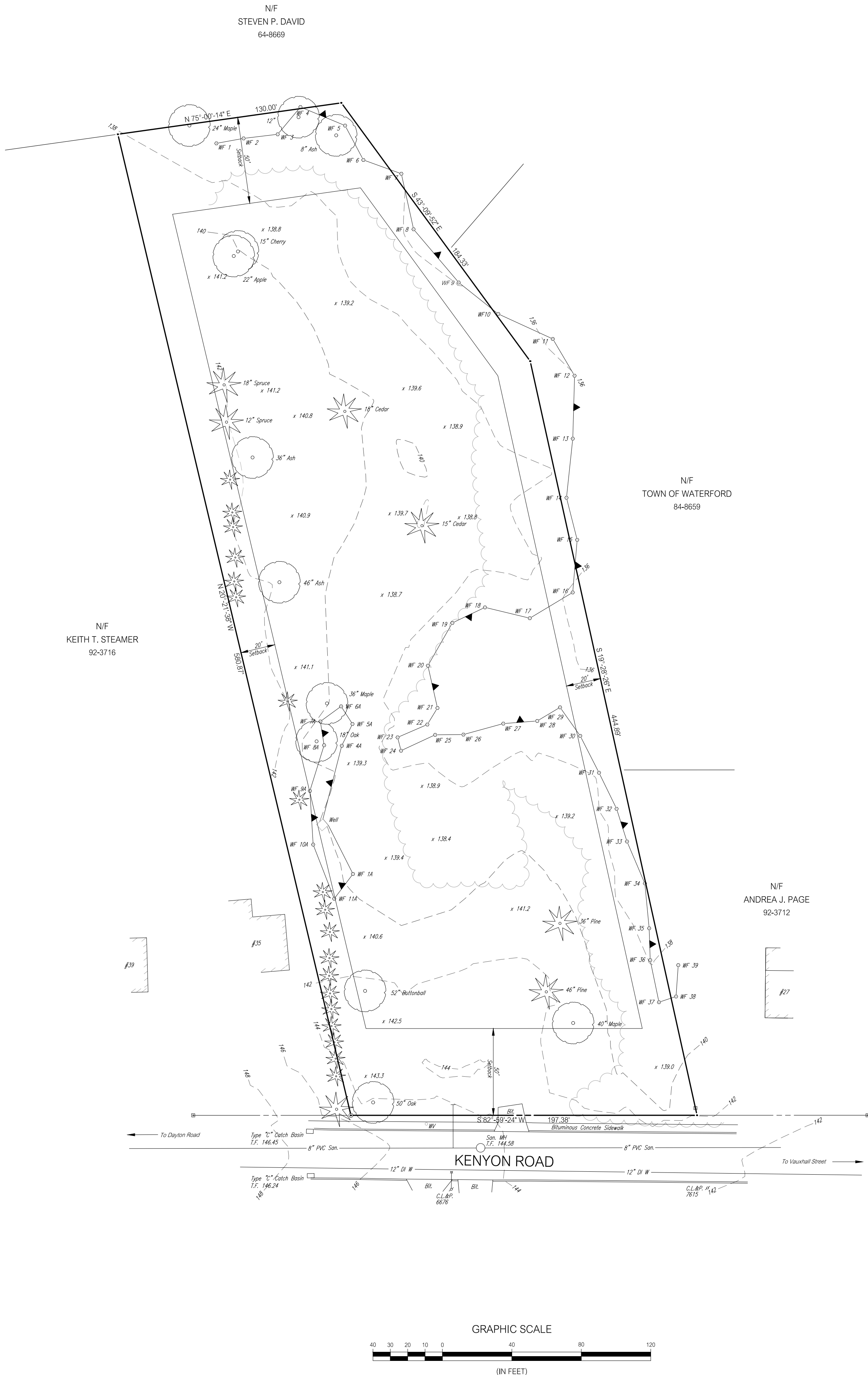
PROJECT NO.:

23-20

|                                                                                                                                                   |  |                        |  |                                                                                      |  |  |  |                                                              |  |                                                                                                |  |                                                                                                                                                                                    |  |                                                   |  |                                                                   |  |                         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|--------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--|-------------------------------------------------------------------|--|-------------------------|--|
| REVISIONS:                                                                                                                                        |  | TITLE:                 |  | LAND<br>OF<br>CONGREGATION BETH-EL, INC.<br>33 KENYON ROAD<br>WATERFORD, CONNECTICUT |  |  |  | DRAWING PHASE:<br><br>ISSUED FOR PERMITTING<br>DATE: 11-7-25 |  | SEAL:<br> |  | PREPARED BY:<br><div>Summer Hill</div><br>Civil Engineers & Land Surveyors, P.C.<br>60 Wall Street<br>P.O. Box 708<br>Madison, Connecticut 06643-0708<br>Telephone: (203) 245-0722 |  | PROJECT:<br><br>CONGREGATION BETH-EL<br>SYNAGOGUE |  |                                                                   |  |                         |  |
| <div><div> 12-5-25</div><div>STAFF REVIEW COMMENTS</div></div> |  |                        |  |                                                                                      |  |  |  |                                                              |  |                                                                                                |  |                                                                                                                                                                                    |  | DATE: 11-1-25                                     |  | SHEET:<br><br>EROSION AND SEDIMENT<br>CONTROL NARRATIVE AND NOTES |  | SHEET NO.:<br><br>C-003 |  |
| <div><div>NO.</div><div>DATE</div></div>                                                                                                          |  | <div>DESCRIPTION</div> |  |                                                                                      |  |  |  |                                                              |  |                                                                                                |  |                                                                                                                                                                                    |  | SCALE: NONE                                       |  | DESIGNED: MJD                                                     |  |                         |  |
| REVISIONS                                                                                                                                         |  |                        |  |                                                                                      |  |  |  |                                                              |  |                                                                                                |  |                                                                                                                                                                                    |  | CHECKED: LJM                                      |  | FIELD BOOK: -                                                     |  | PROJECT NO.: 23-20      |  |



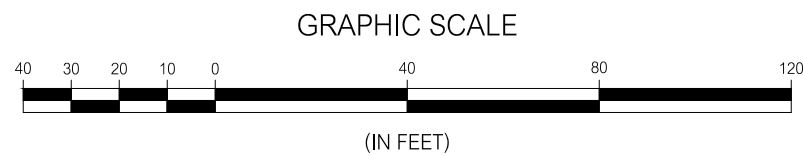
- NOTES:
1. PROPERTY BOUNDARY, STREET LINE, INLAND WETLAND BOUNDARY, AND PLANIMETRIC AND TOPOGRAPHIC INFORMATION DEPICTED HEREIN HAS BEEN REPRODUCED FROM THE FOLLOWING MAP:  
\*PROPERTY SURVEY PROPERTY BELONGING TO: CONGREGATION BETH EL, INC. 33 KENYON ROAD WATERFORD, CONNECTICUT ZONE: R-20\*, SHEET 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

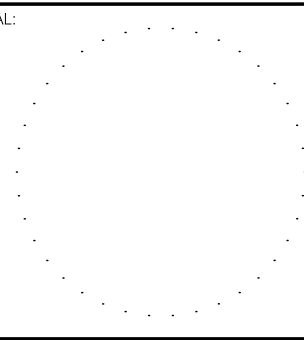
| REVISIONS: |         | TITLE:                |
|------------|---------|-----------------------|
| NO.        | DATE    | DESCRIPTION           |
| 1          | 12-5-25 | STAFF REVIEW COMMENTS |
| REVISIONS  |         |                       |

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

DRAWING PHASE:

ISSUED FOR PERMITTING  
DATE: 11-7-25

SEAL:



PREPARED BY:

Summer Hill  
Civil Engineers & Land Surveyors, P.C.  
60 Wall Street  
P.O. Box 7108  
Madison, Connecticut 06443-0708  
Telephone: (203) 245-0722

PROJECT:

CONGREGATION BETH-EL  
SYNAGOGUE

DATE: 11-1-25

SCALE: 1"=40'

DRAWN BY: MJO

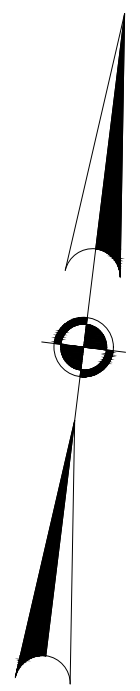
CHECKED: LJM

EXISTING CONDITIONS PLAN

FIELD BOOK: PROJECT NO.: 23-20

SHEET NO.:

C-101



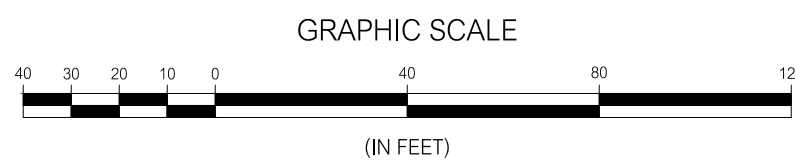
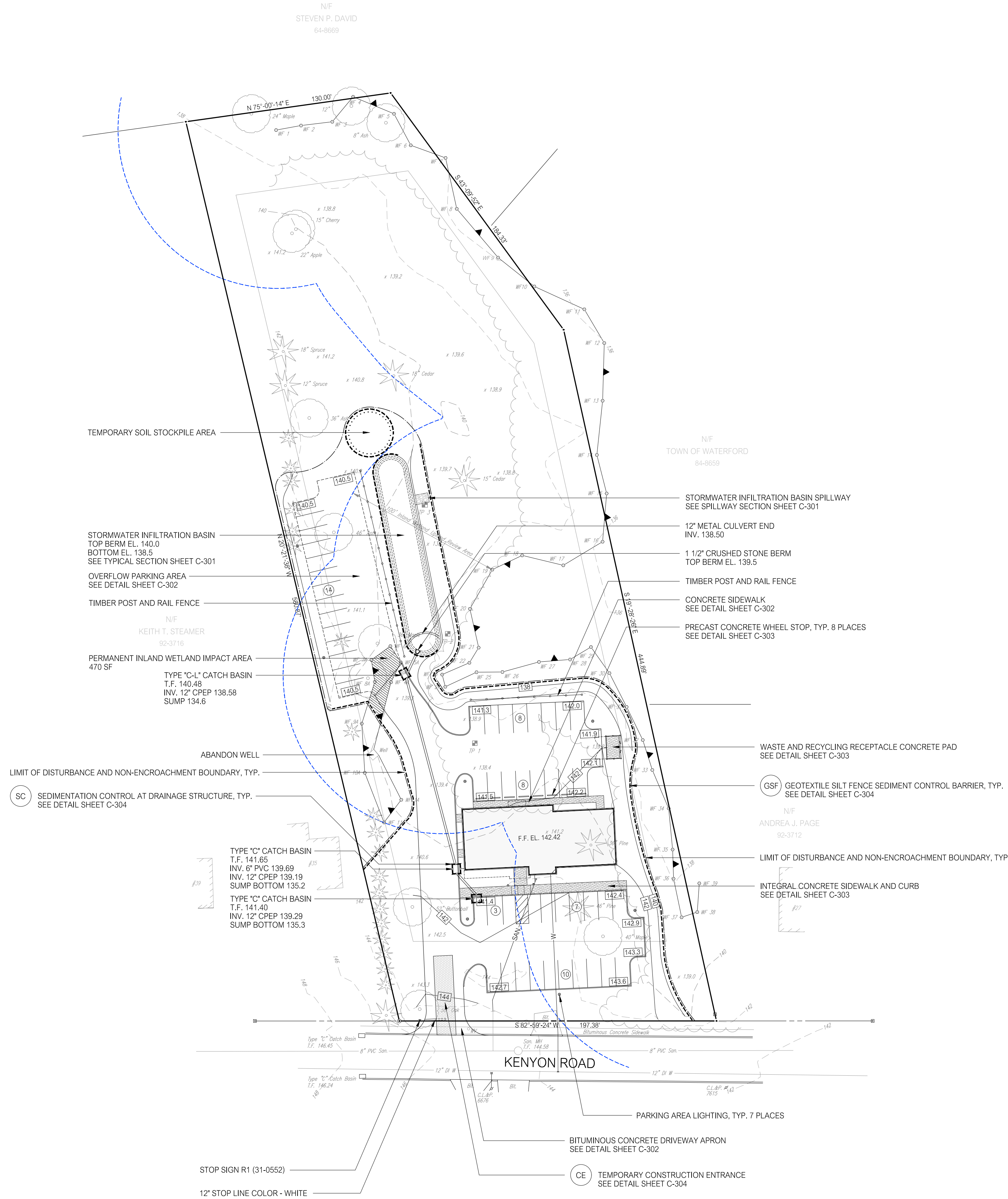
**NOTE:**

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.

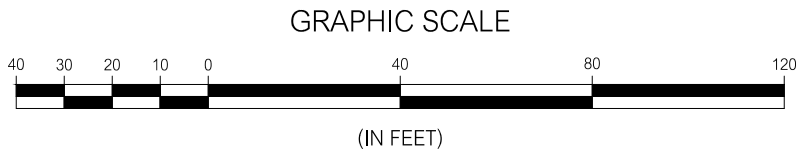
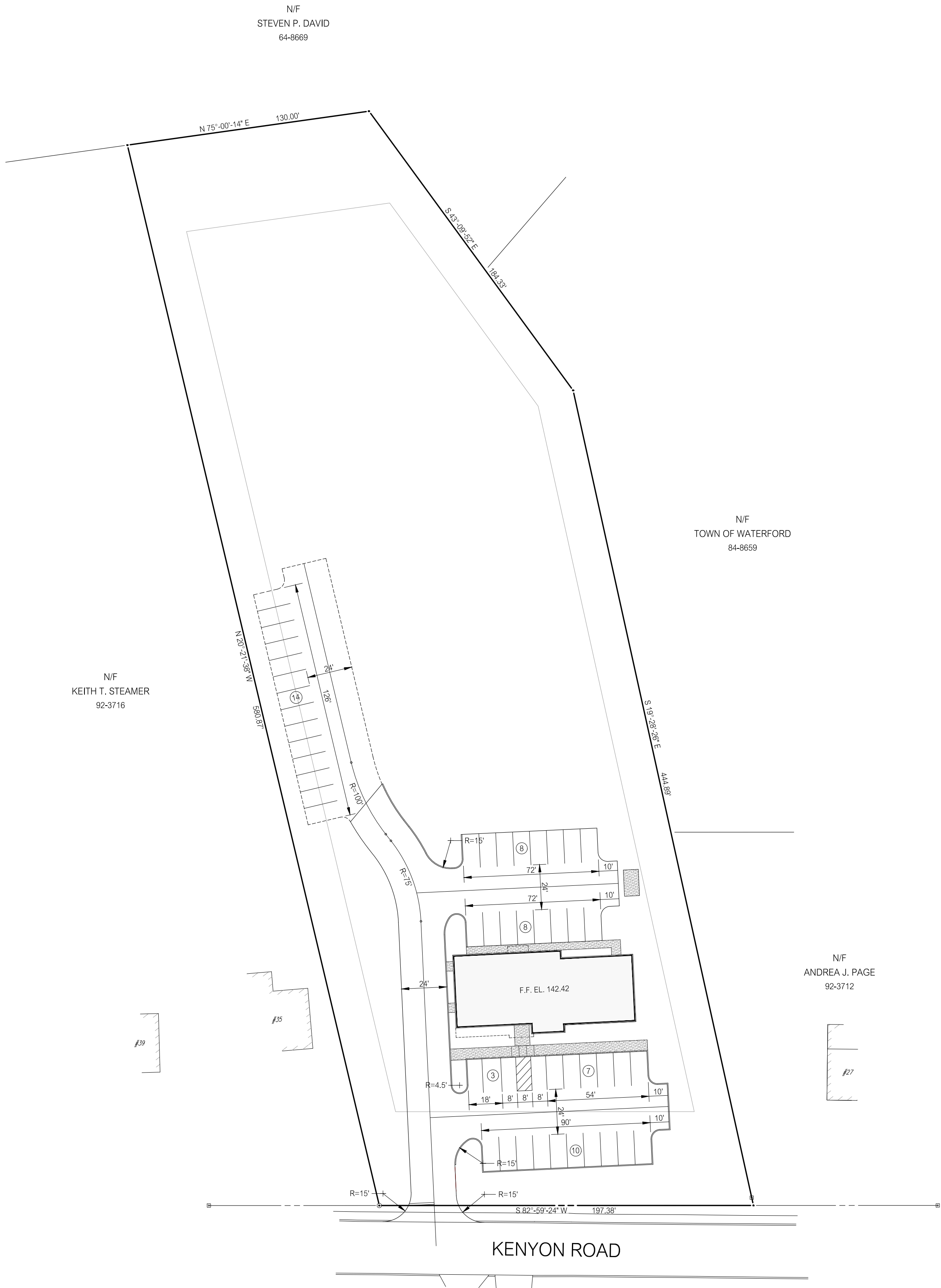
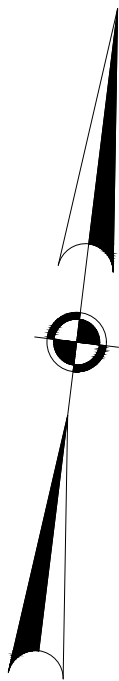
THE TEMPORARY DIVERSION BERM AND SEDIMENT CONTROL BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ON THE SITE HAVE BEEN STABILIZED.



PERMIT DRAWINGS

|                                                                |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  |                                   |  |  |
|----------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------|--|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|--|--|
| REVISIONS:                                                     |  |  | TITLE:                                                                               |  |  |  |  | DRAWING PHASE:                         |  | SEAL:                                                                                 | PREPARED BY:                                                                                                                                                                       |  | PROJECT:                          |  |  |
|                                                                |  |  | LAND<br>OF<br>CONGREGATION BETH-EL, INC.<br>33 KENYON ROAD<br>WATERFORD, CONNECTICUT |  |  |  |  | ISSUED FOR PERMITTING<br>DATE: 11-1-25 |  |  | <div>Summer Hill</div> <div>Civil Engineers &amp; Land Surveyors, P.C.<br/>60 Wall Street<br/>P.O. Box 708<br/>Madison, Connecticut 06443-0708<br/>Telephone: (203) 245-0722</div> |  | CONGREGATION BETH-EL<br>SYNAGOGUE |  |  |
|                                                                |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  |                                   |  |  |
|                                                                |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  |                                   |  |  |
|                                                                |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  |                                   |  |  |
| <div><div>12-5-25</div><div>STAFF REVIEW COMMENTS</div></div>  |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  | DATE: 11-1-25                     |  |  |
| <div><div>NOL</div><div>DATE</div><div>DESCRIPTION</div></div> |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  | SHEET: GENERAL PLAN               |  |  |
| REVISIONS                                                      |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  | SHEET NO.: C-201                  |  |  |
|                                                                |  |  |                                                                                      |  |  |  |  |                                        |  |                                                                                       |                                                                                                                                                                                    |  | 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

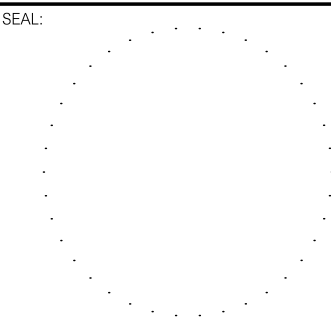


PERMIT DRAWINGS

| REVISIONS: |         | TITLE:                |
|------------|---------|-----------------------|
| NO.        | DATE    | DESCRIPTION           |
| 1          | 12-5-25 | STAFF REVIEW COMMENTS |
| REVISIONS  |         |                       |

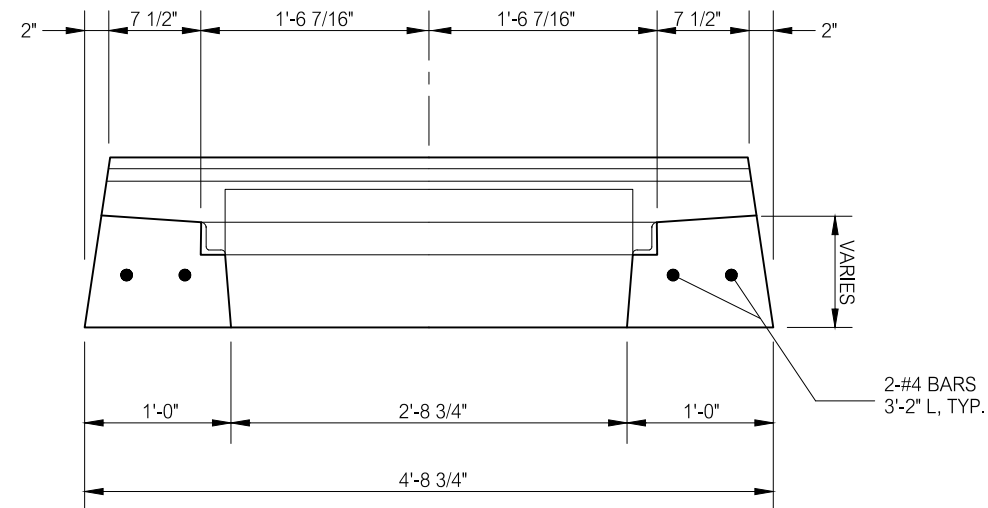
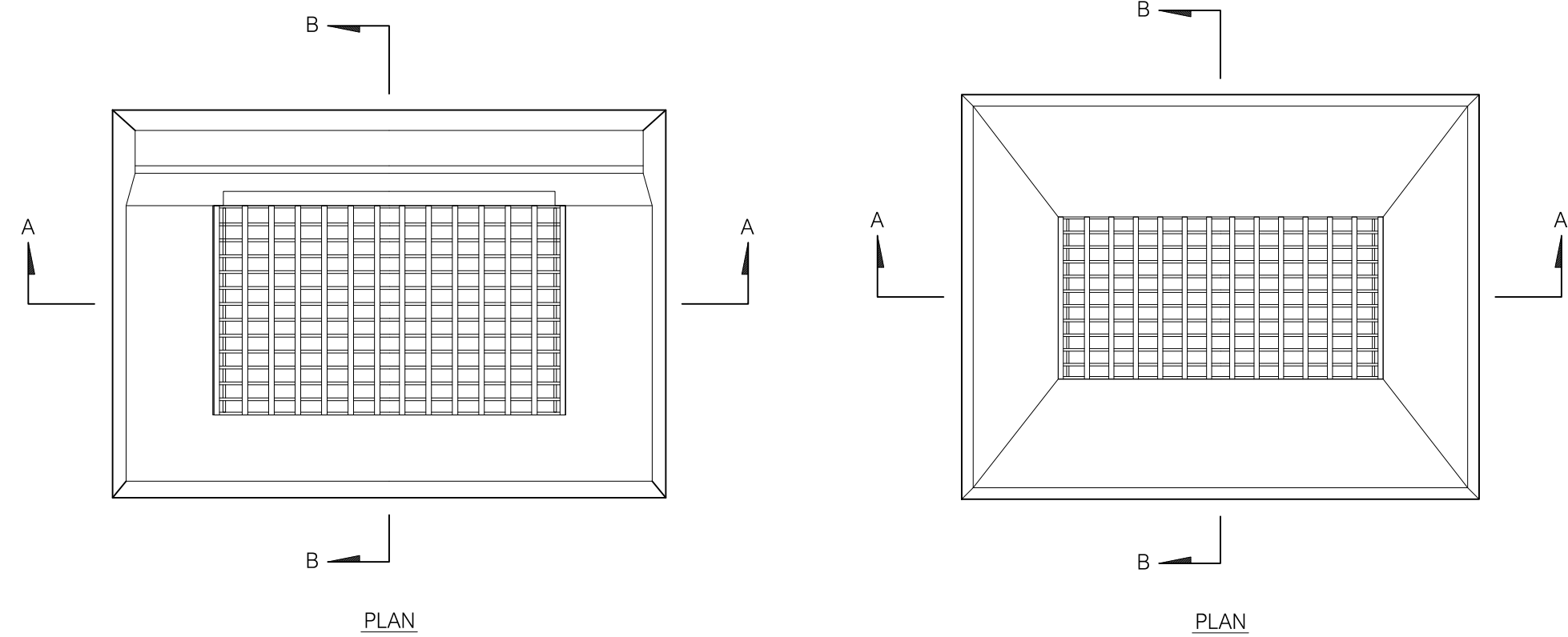
LAND  
OF  
CONGREGATION BETH-EL, INC.  
33 KENYON ROAD  
WATERFORD, CONNECTICUT

DRAWING PHASE:  
  
ISSUED FOR PERMITTING  
DATE: 11-7-25

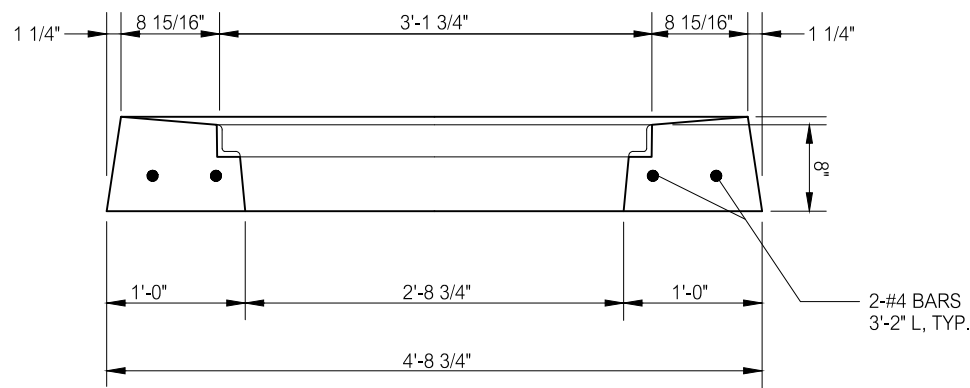


PREPARED BY:  
**Summer Hill**  
Civil Engineers & Land Surveyors, P.C.  
60 Wall Street  
P.O. Box 7108  
Madison, Connecticut 06443-0708  
Telephone: (203) 245-0722

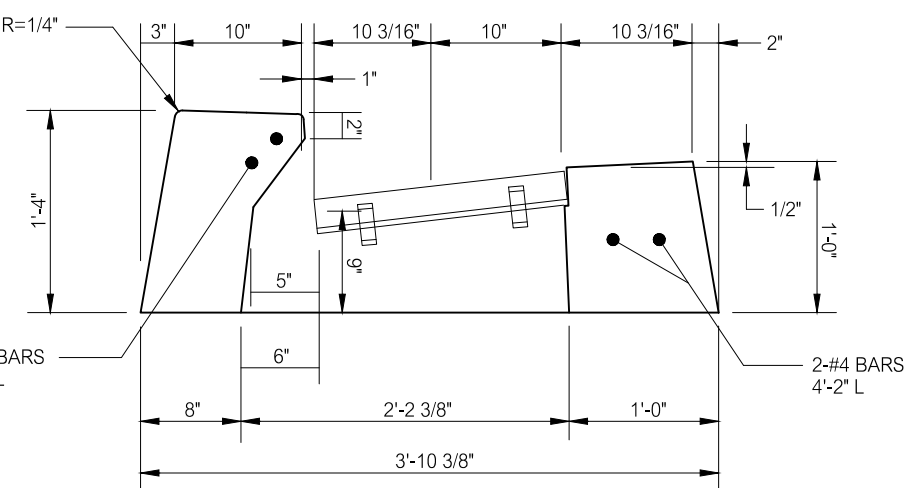
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|-------------|---------|-----------------------------------|--|-------------------------|
| PROJECT:    |         | CONGREGATION BETH-EL<br>SYNAGOGUE |  |                         |
| DATE:       | 11-1-25 | SHEET:<br><br>SITE LAYOUT PLAN    |  | SHEET NO.:<br><br>C-202 |
| SCALE:      | 1"=40'  |                                   |  |                         |
| DESIGNED:   | MJO     |                                   |  |                         |
| CHECKED:    | UJM     |                                   |  |                         |
| FIELD BOOK: |         | PROJECT NO.:                      |  |                         |
|             |         | 23-20                             |  |                         |



SECTION A-A

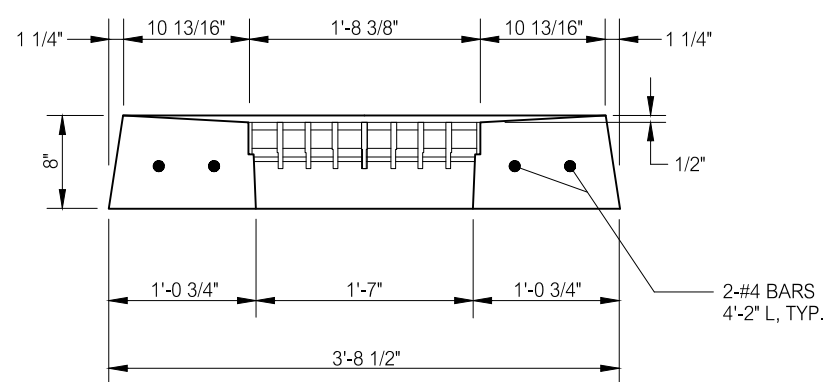


SECTION A-A



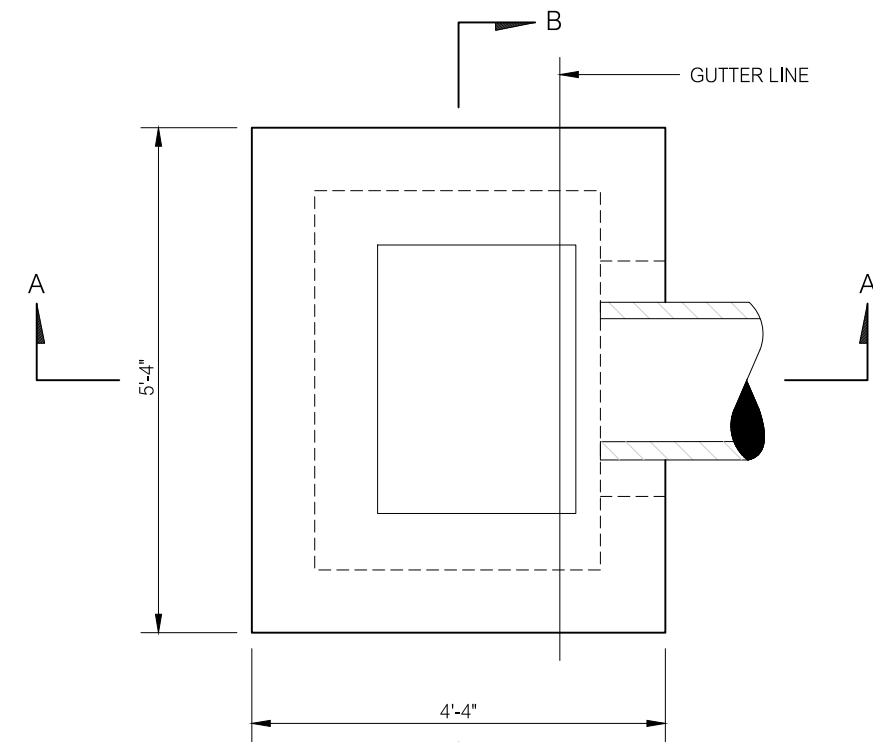
SECTION B-B

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

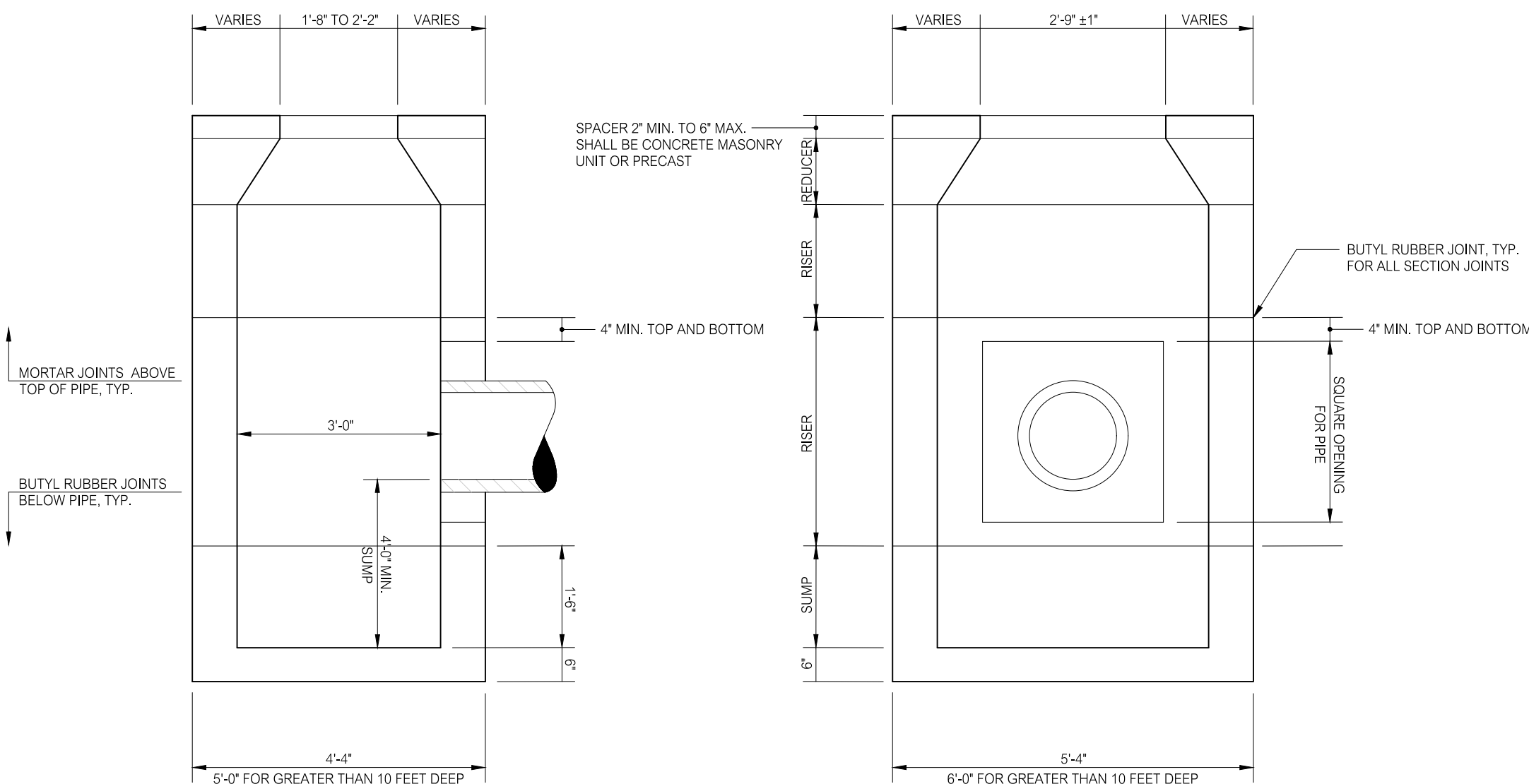


SECTION B-B

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



PLAN



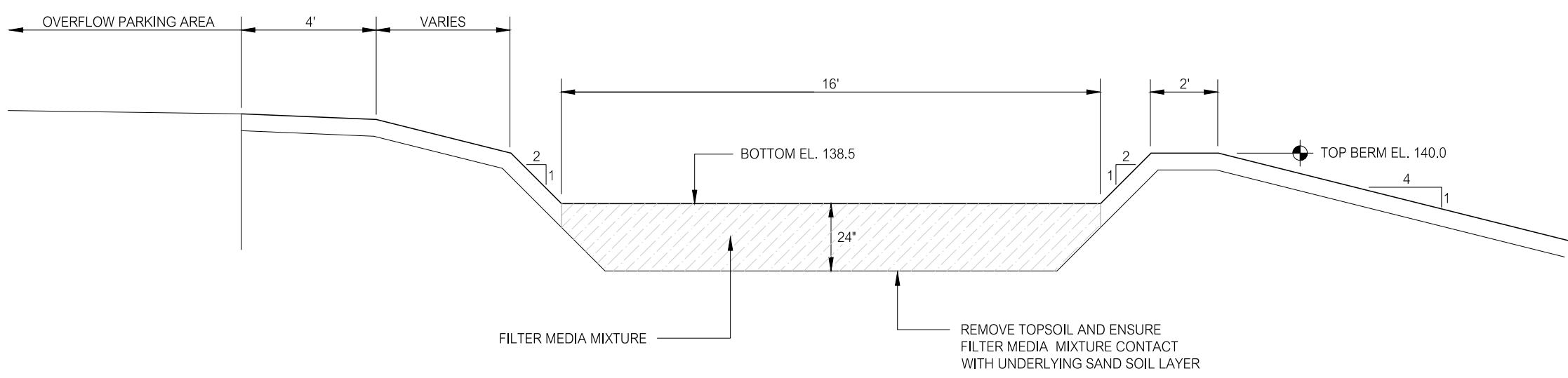
SECTION A-A

SECTION B-B

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

NOTES:

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 REINFORCEMENT SHALL HAVE A MINIMUM CLEAR COVER OF 2 INCHES EXCEPT FOR BENEATH BOTTOM REINFORCEMENT IN 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 DESIGNED BY 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. RISERS USED 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 ENTRIES. ROUND STRUCTURES 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 PROVIDED SHALL BE AT LEAST 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.



TYPICAL STORMWATER INFILTRATION BASIN SECTION  
1/4"=1'-0"

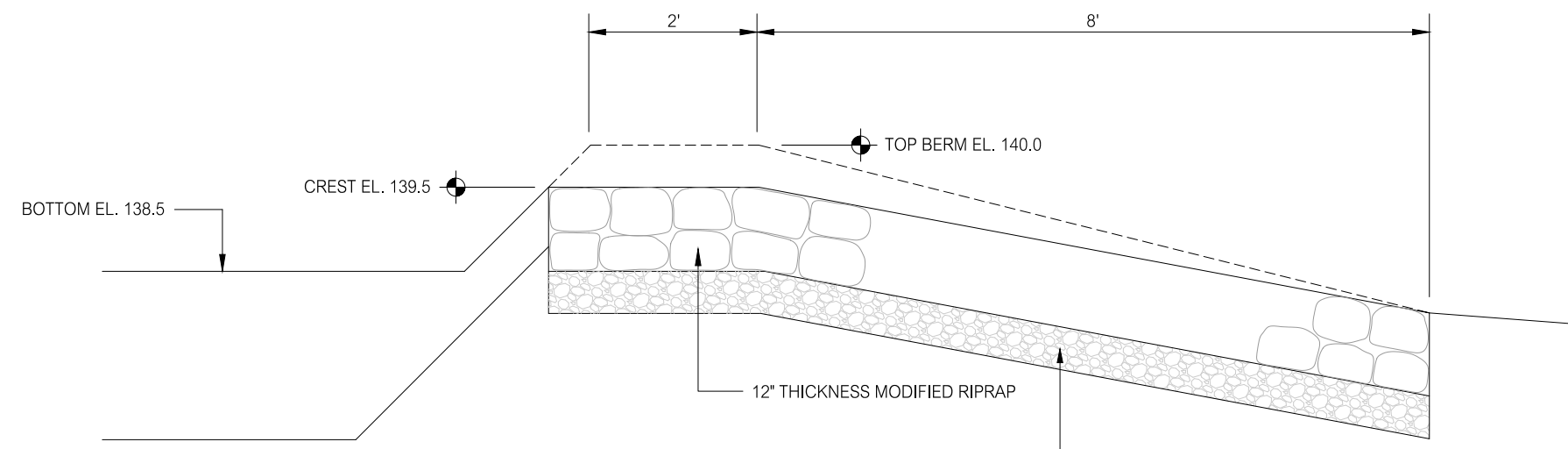
FILTER MEDIA SPECIFICATION

1. PARTICLE SIZE DISTRIBUTION:

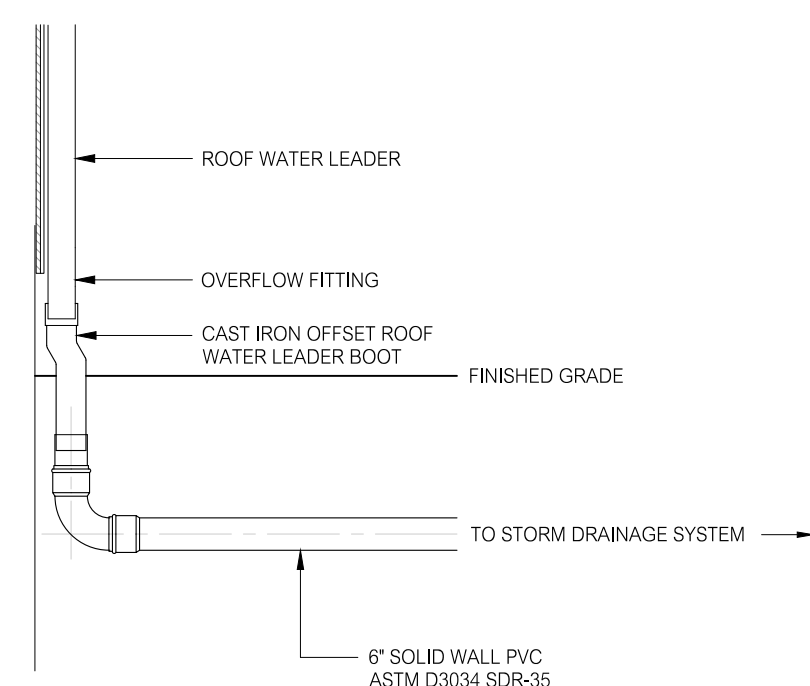
| SIEVE SIZE | PERCENT PASSING |
|------------|-----------------|
| #4         | 100             |
| #10        | 95              |
| #40        | 10 - 20         |
| #200       | < 5             |

2. ORGANIC MATTER CONTENT:

3 PERCENT TO 10 PERCENT BY VOLUME

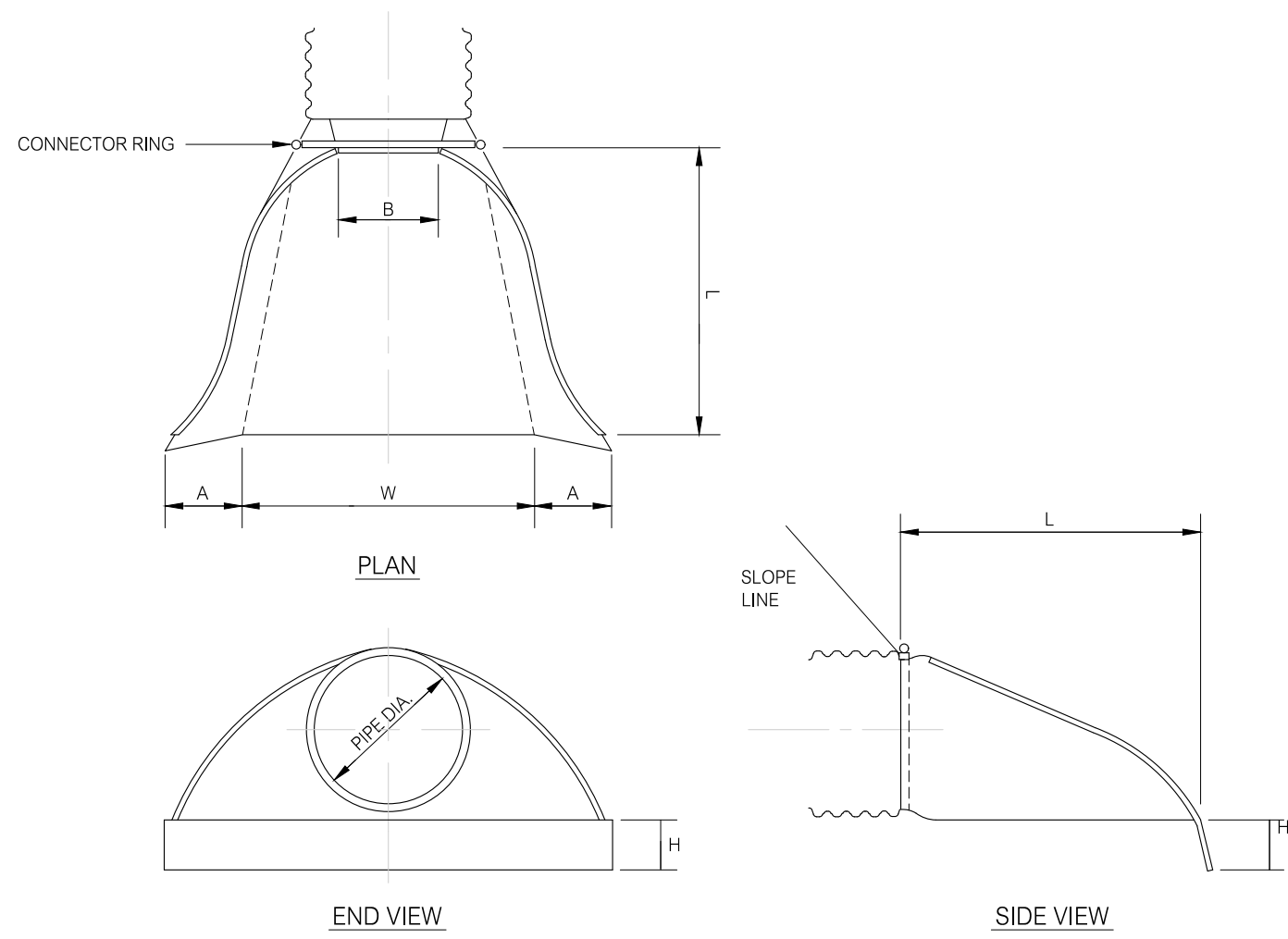


SECTION THROUGH SPILLWAY  
1/2"=1'-0"



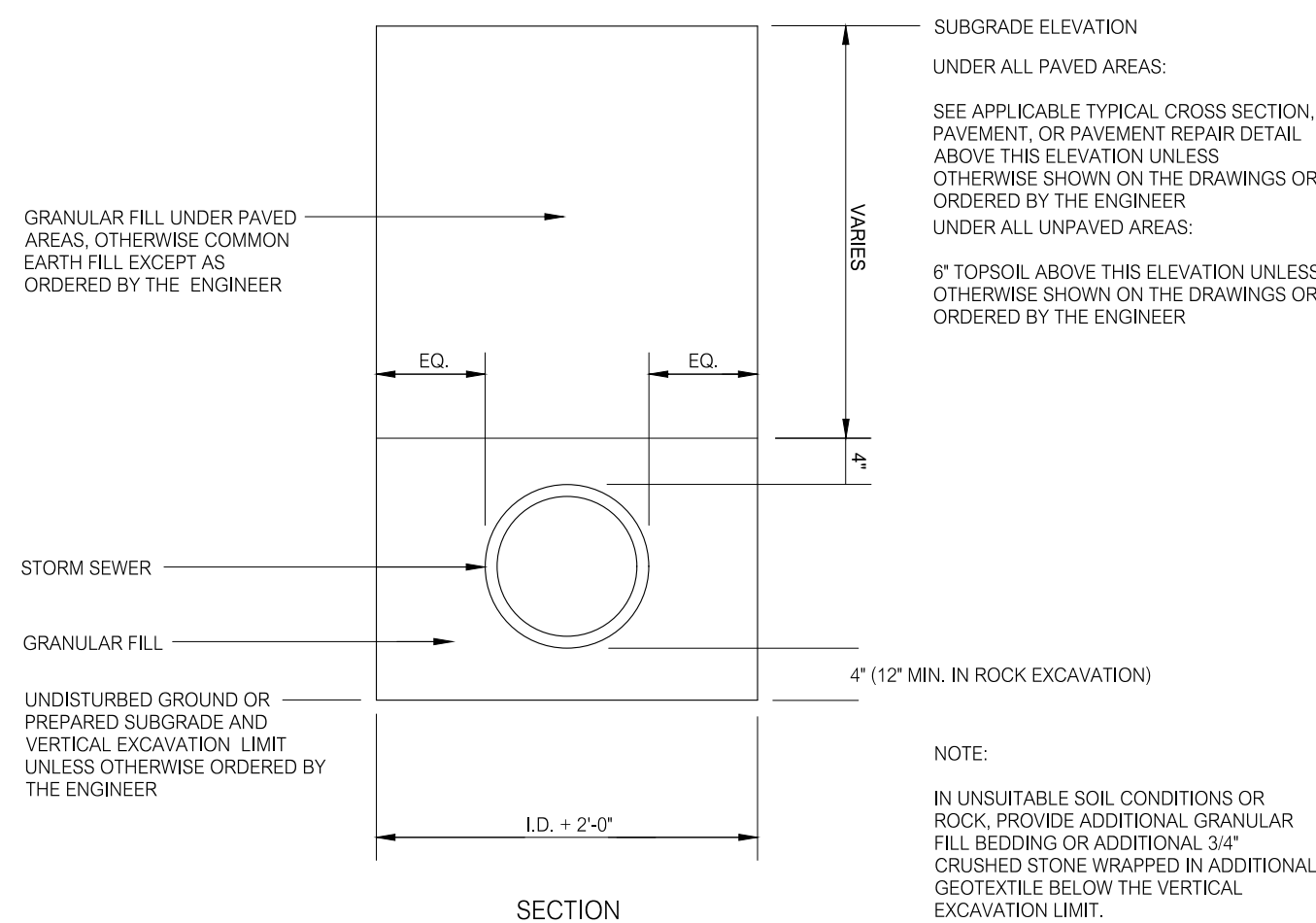
SECTION

BUILDING ROOF WATER LEADER CONNECTION  
NOT TO SCALE



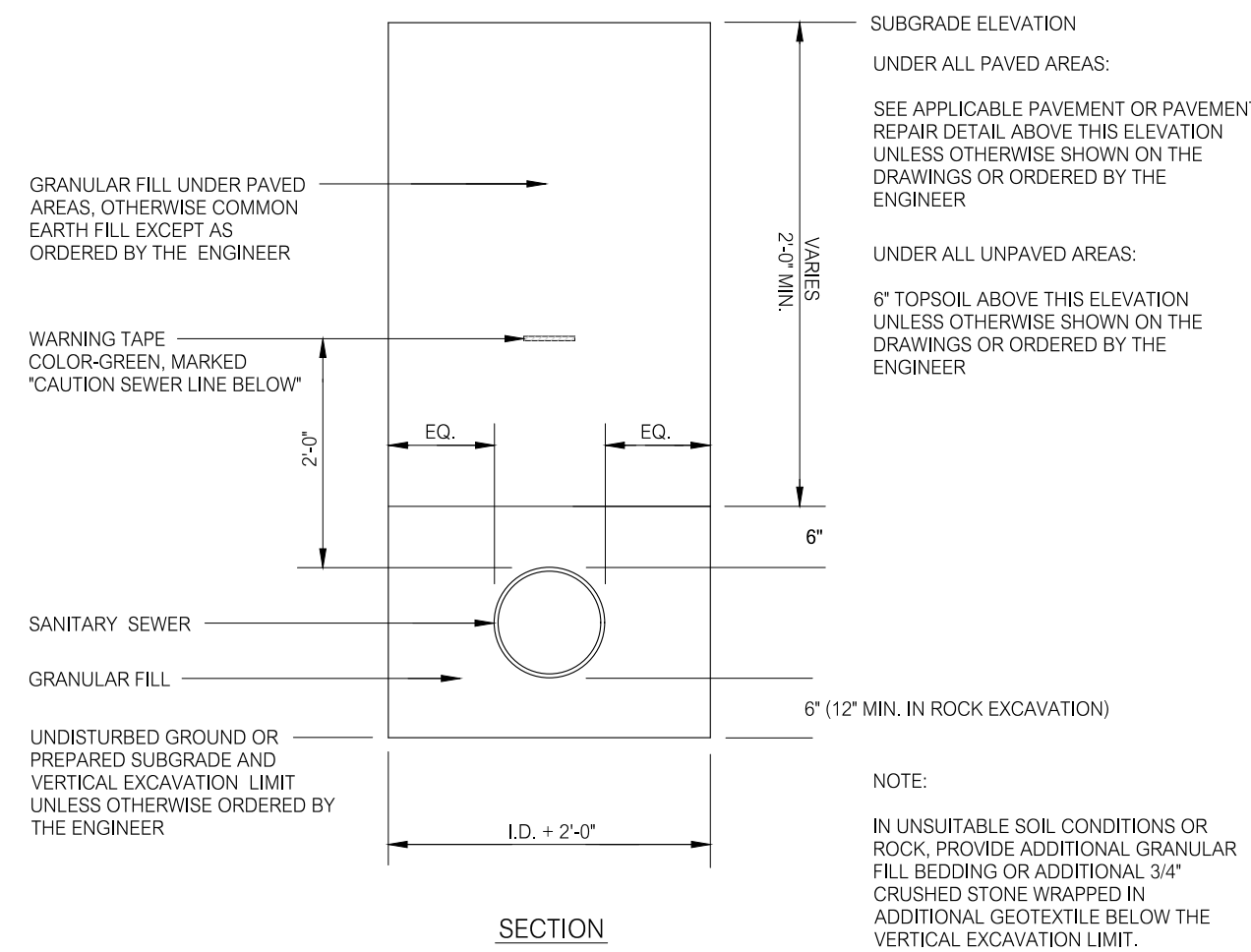
METAL CULVERT END  
NOT TO SCALE

| DIMENSIONS FOR METAL CULVERT END |          |          |           |               |           |                       |
|----------------------------------|----------|----------|-----------|---------------|-----------|-----------------------|
| PIPE DIA.                        | A<br>MAX | B<br>MAX | H<br>± 1" | L<br>± 1 1/2" | W<br>± 2" | THICKNESS<br>(INCHES) |
| 12                               | 6        | 6        | 6         | 21            | 24        | .064                  |
| 15                               | 7        | 6        | 6         | 26            | 30        | .064                  |
| 18                               | 8        | 10       | 6         | 31            | 36        | .064                  |
| 21                               | 9        | 12       | 6         | 36            | 42        | .064                  |
| 24                               | 10       | 13       | 6         | 41            | 48        | .064                  |
| 30                               | 12       | 16       | 8         | 51            | 60        | .079                  |
| 36                               | 14       | 19       | 9         | 60            | 72        | .079                  |



SECTION

STORM SEWER TRENCH  
NOT TO SCALE



SECTION

SANITARY SEWER TRENCH  
NOT TO SCALE

PERMIT DRAWINGS

|            |                                                                          |                       |       |                                                                                                                                          |                                |
|------------|--------------------------------------------------------------------------|-----------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| REVISIONS: | TITLE:                                                                   | DRAWING PHASE:        | SEAL: | PREPARED BY:                                                                                                                             | PROJECT:                       |
| 12-5-25    | LAND OF CONGREGATION BETH-EL, INC. 33 KENYON ROAD WATERFORD, CONNECTICUT | ISSUED FOR PERMITTING |       | 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 |
| NO.        | DATE                                                                     | DESCRIPTION           |       |                                                                                                                                          |                                |
| 1          | 12-5-25                                                                  | STAFF REVIEW COMMENTS |       |                                                                                                                                          |                                |
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- SECTION

COMBINATION ELECTRICAL AND COMMUNICATIONS CONDUIT TRENCH  
NOT TO SCALE



ELECTRICAL OR COMMUNICATIONS CONDUIT TRENCH  
NOT TO SCALE



BITUMINOUS CONCRETE LIP CURBING  
NOT TO SCALE



BITUMINOUS CONCRETE DRIVEWAY APRON  
NOT TO SCALE



TEMPORARY PAVEMENT TRENCH REPAIR  
NOT TO SCALE

SECTION

PERMANENT PAVEMENT REPAIR PERPENDICULAR TRENCHES  
NOT TO SCALE

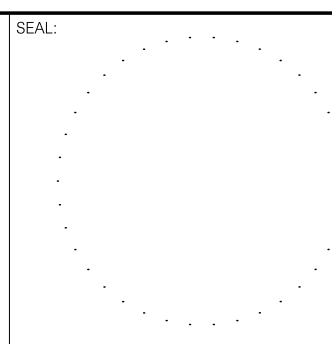
- NOTES:
1. CLEAN SAW CUT SURFACES OF EXISTING PAVEMENT AND APPLY BITUMINOUS TACK COAT JUST PRIOR TO PLACEMENT OF PERMANENT PAVEMENT.
  2. MATCH EXISTING ADJOINING PAVEMENT SURFACES WITH PERMANENT PAVEMENT.
  3. SEAL SAW CUT JOINTS USING SEALANT MEETING THE REQUIREMENTS OF AASHTO M324 TYPE II, LATEST REVISION.

PERMIT DRAWINGS

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

DRAWING PHASE

ISSUED FOR PERMITTING  
DATE: 11-7-25



|              |  |
|--------------|--|
| 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: |
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|           |          |
|-----------|----------|
| DATE:     | 11-1-25  |
| SCALE:    | AS NOTED |
| DESIGNED: | MJO      |
| CHECKED:  | LJM      |

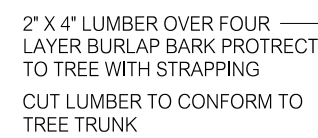
CONGREGATION BETH-EL  
SYNAGOGUE

## DETAILS

|           |
|-----------|
| SHEET NO. |
|-----------|

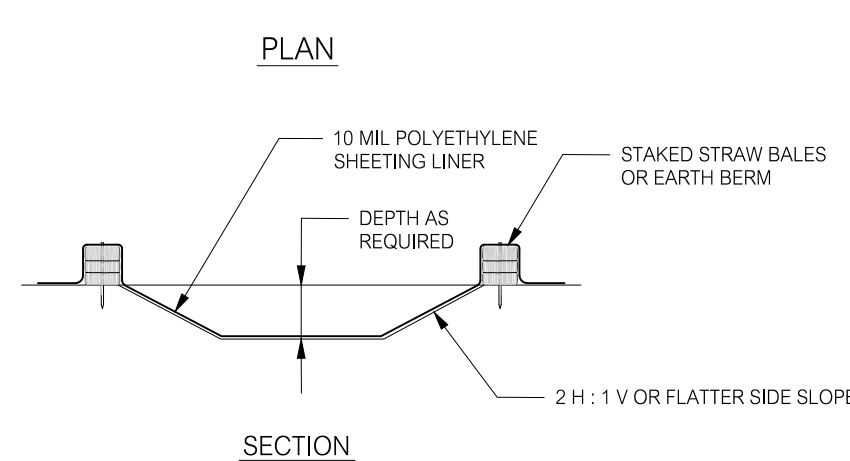
C-302





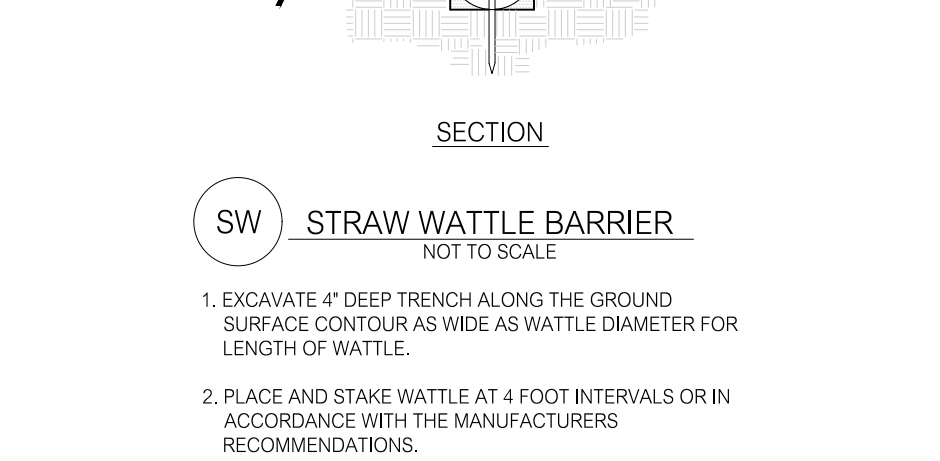
TP TRUNK ARMORING TREE PROTECTION  
NOT TO SCALE

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.



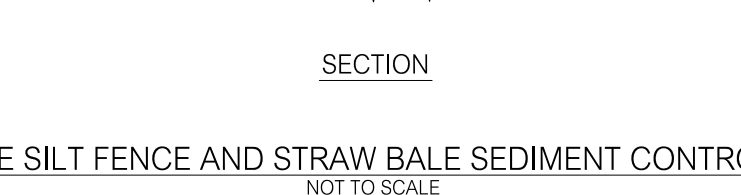
CONCRETE WASHOUT AREA  
NOT TO SCALE

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. IT 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 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.



SW STRAW WATTLE BARRIER  
NOT TO SCALE

1. EXCAVATE 4' DEEP TRENCH ALONG THE GROUND SURFACE COURSE 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.
5. 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.
6. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF THE BARRIER.



## GEOTEXTILE SILT FENCE AND STRAW BALE SEDIMENT CONTROL BARRIER

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.



### FENCE JOINT DETAIL

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

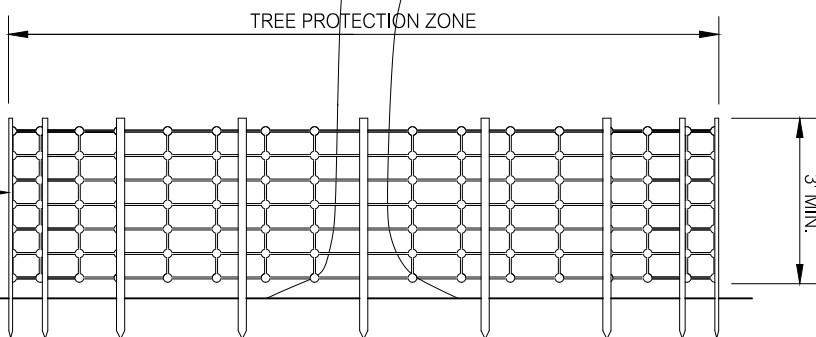


ELEVATION

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

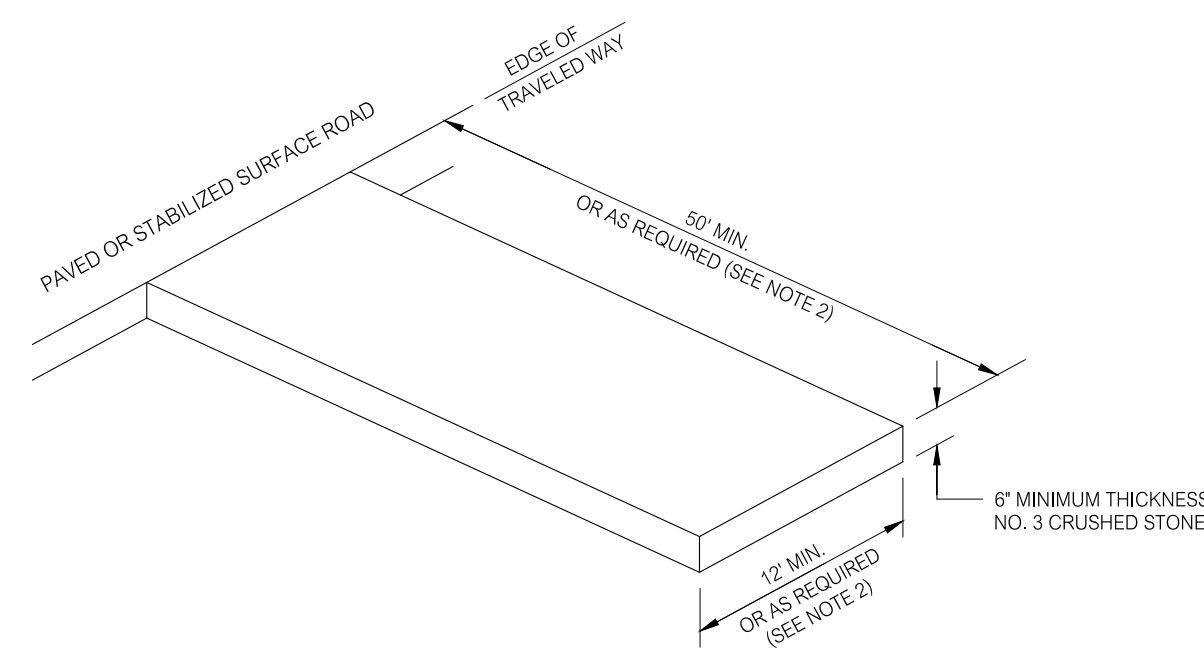


### PLAN



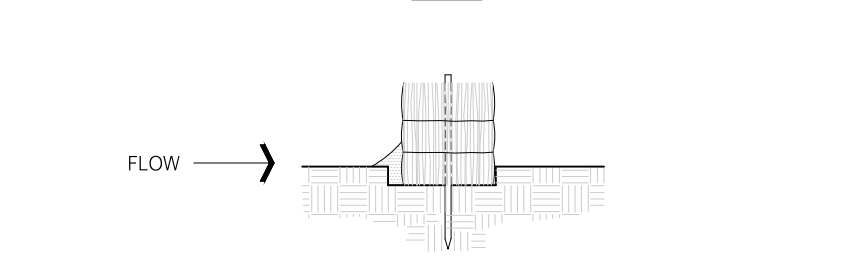
TP FENCING TREE PROTECTION  
NOT TO SCALE

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.



CE CONSTRUCTION ENTRANCE  
NOT TO SCALE

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 VOICES WITHIN THE STONE ENTRANCE WHERE REQUIRED.
2. LENGTH AND WIDTH OF ENTRANCE MAY BE INCREASED OR MAY BE LIMITED BY SITE CONDITIONS AS REQUESTED 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

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:  |              |                       | LAND<br>OF<br>CONGREGATION BETH-EL, INC.<br>33 KENYON ROAD<br>WATERFORD, CONNECTICUT |      |             | DRAWING PHASE:<br><br>ISSUED FOR PERMITTING<br>DATE: 11-F-25 |  |  | SEAL:<br> |  |  | PREPARED BY:<br><div>Summer Hill</div><br>Civil Engineers & Land Surveyors, P.C.<br>60 Wall Street<br>P.O. Box 708<br>Madison, Connecticut 06443-0708<br>Telephone: (203) 245-0722 |  |  | PROJECT:<br><br>CONGREGATION BETH-EL<br>SYNAGOGUE |  |  |                                                                                                                                                                                                                                                                                                                                                            |  |  |       |         |        |         |  |            |        |          |       |  |  |  |           |     |  |  |  |  |          |     |             |   |              |       |
| <table><tr><td>△</td><td>12-5-25</td><td>STAFF REVIEW COMMENTS</td></tr><tr><td>NO.</td><td>DATE</td><td>DESCRIPTION</td></tr></table> |          |                       | △       | 12-5-25      | STAFF REVIEW COMMENTS | NO.                                                                                  | DATE | DESCRIPTION |                                                              |  |  |                                                                                                |  |  |                                                                                                                                                                                    |  |  |                                                   |  |  | <table><tr><td>DATE:</td><td>11-1-25</td><td>SHEET:</td><td colspan="2">DETAILS</td><td>SHEET NO.:</td></tr><tr><td>SCALE:</td><td>AS NOTED</td><td colspan="4">C-304</td></tr><tr><td>DRAWN BY:</td><td>MJO</td><td colspan="4"></td></tr><tr><td>CHECKED:</td><td>LJM</td><td>FIELD BOOK:</td><td>*</td><td>PROJECT NO.:</td><td>23-20</td></tr></table> |  |  | DATE: | 11-1-25 | SHEET: | DETAILS |  | SHEET NO.: | SCALE: | AS NOTED | C-304 |  |  |  | DRAWN BY: | MJO |  |  |  |  | CHECKED: | LJM | FIELD BOOK: | * | PROJECT NO.: | 23-20 |
| △                                                                                                                                      | 12-5-25  | STAFF REVIEW COMMENTS |         |              |                       |                                                                                      |      |             |                                                              |  |  |                                                                                                |  |  |                                                                                                                                                                                    |  |  |                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                            |  |  |       |         |        |         |  |            |        |          |       |  |  |  |           |     |  |  |  |  |          |     |             |   |              |       |
| NO.                                                                                                                                    | DATE     | DESCRIPTION           |         |              |                       |                                                                                      |      |             |                                                              |  |  |                                                                                                |  |  |                                                                                                                                                                                    |  |  |                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                            |  |  |       |         |        |         |  |            |        |          |       |  |  |  |           |     |  |  |  |  |          |     |             |   |              |       |
| DATE:                                                                                                                                  | 11-1-25  | SHEET:                | DETAILS |              | SHEET NO.:            |                                                                                      |      |             |                                                              |  |  |                                                                                                |  |  |                                                                                                                                                                                    |  |  |                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                            |  |  |       |         |        |         |  |            |        |          |       |  |  |  |           |     |  |  |  |  |          |     |             |   |              |       |
| SCALE:                                                                                                                                 | AS NOTED | C-304                 |         |              |                       |                                                                                      |      |             |                                                              |  |  |                                                                                                |  |  |                                                                                                                                                                                    |  |  |                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                            |  |  |       |         |        |         |  |            |        |          |       |  |  |  |           |     |  |  |  |  |          |     |             |   |              |       |
| DRAWN BY:                                                                                                                              | MJO      |                       |         |              |                       |                                                                                      |      |             |                                                              |  |  |                                                                                                |  |  |                                                                                                                                                                                    |  |  |                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                            |  |  |       |         |        |         |  |            |        |          |       |  |  |  |           |     |  |  |  |  |          |     |             |   |              |       |
| CHECKED:                                                                                                                               | LJM      | FIELD BOOK:           | *       | PROJECT NO.: | 23-20                 |                                                                                      |      |             |                                                              |  |  |                                                                                                |  |  |                                                                                                                                                                                    |  |  |                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                            |  |  |       |         |        |         |  |            |        |          |       |  |  |  |           |     |  |  |  |  |          |     |             |   |              |       |