

# EXTENSION BUILDING PLAN SET

2433 SCITUATE AVE.  
HOPE, RI 02831

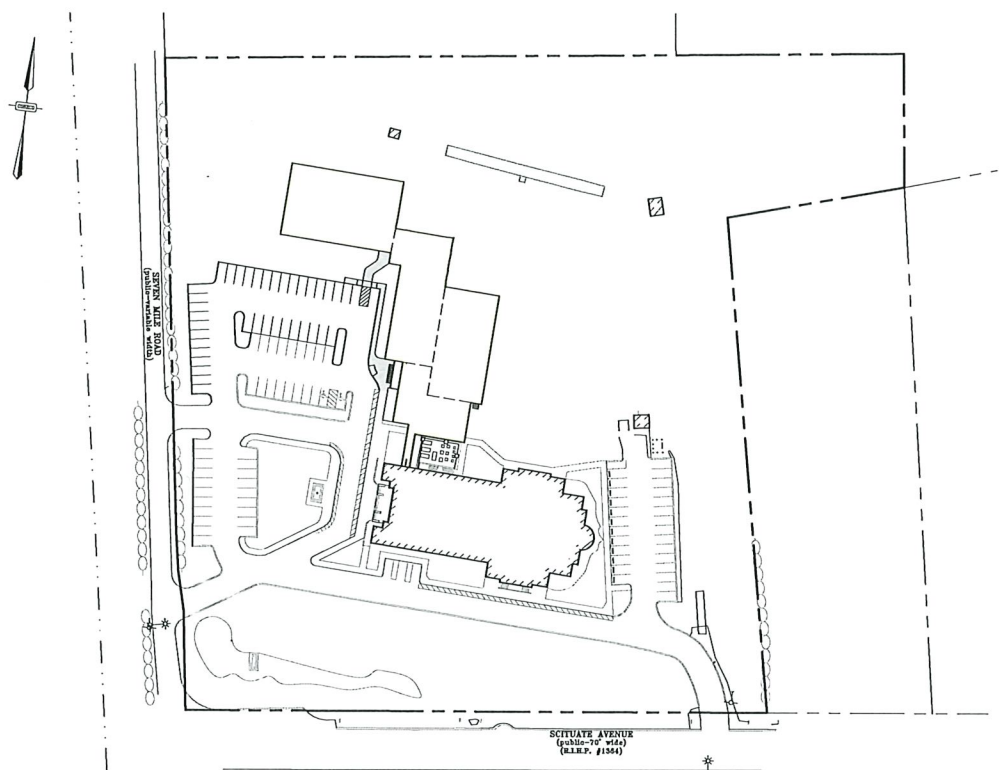


RI GIS #### AERIAL PHOTO  
SCALE: 1" = 300'

PREPARED FOR:  
ST. MARY AND ST. MENA CHURCH  
2433 SCITUATE AVE.  
HOPE, RI 02831



4 FIRST STREET, BRIDGEWATER, MASSACHUSETTS 02324  
PHONE: 508.697.3191, FAX: 508.697.5996  
WEBSITE: [www.coneco.com](http://www.coneco.com)



SCALE: 1" = 80'

PREPARED ON:  
APRIL 17, 2024

ENGINEER:  
DAMIEN J. DMITRUK, P.E.  
CONECO ENGINEERS & SCIENTISTS, INC.  
BRIDGEWATER, MA 02324

MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER #55386

DATE: \_\_\_\_\_

SURVEYOR:  
TIMOTHY S. BODAH, P.L.S.  
CONECO ENGINEERS & SCIENTISTS, INC.  
BRIDGEWATER, MA 02324

MASSACHUSETTS REGISTERED PROFESSIONAL LAND SURVEYOR #46110

DATE: \_\_\_\_\_

DESCRIPTION	SHEET
COVER SHEET	1
NOTES & LEGEND	2
EXISTING CONDITIONS	3
DEMOLITION & EROSION CONTROL PLAN	4
SITE LAYOUT PLAN	5
SITE GRADING & DRAINAGE PLAN	6
SITE UTILITY PLAN	7
DETAIL SHEETS	8-10

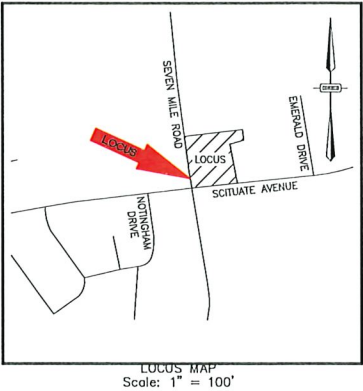
EXTENSION BUILDING			
2433 SCITUATE AVE., HOPE, RI 02831			
R E V I S I O N S			
NO.	DATE	DESCRIPTION	DR/CK



LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE
		PROPERTY LINE ABUTTER
		MAJOR GROUND CONTOUR
		MINOR GROUND CONTOUR
		RECHARGE BOUNDARY
		EDGE OF PAVEMENT
		CURB
		CAPE COD BERM
		BUILDING
		TREE LINE
		DRAINAGE LINE
		GAS LINE
		WATER LINE
		SEWER LINE
		DRAIN MANHOLE
		CATCH BASIN
		LIGHT POLE
		BOUND W/ DRILL HOLE
		RECHARGE CHAMBER
		WATER VALVE
		GAS VALVE
		MONITORING WELL
		INSPECTION PORT
		PARKING SPACE COUNT
		FLOOR DRAIN

ABBREVIATIONS	
ABBREV.	DESCRIPTION
BC	BOTTOM OF CURB
BCB	BITUMINOUS CONCRETE BERM
BCC	BITUMINOUS CONCRETE CURB
BFE	BASEMENT FLOOR ELEVATION
BIT.	BITUMINOUS
BIT. CONC.	BITUMINOUS CONCRETE
BLDG	BUILDING
BM	BENCH MARK
BOS	BOTTOM OF SLOPE
CB	CATCH BASIN
CBDH	CONCRETE BOUND DRILL HOLE
CC	CONCRETE CURB
CCB	CAPE COD BERM
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
CONC.	CONCRETE
CPD	CONCRETE PAD
CRD	COORDINATE
CU	CONTAMINATION UNKNOWN
CY	CUBIC YARD
DBL	DOUBLE
DEM	DEMOLISH
DH	DRILL HOLE
DIA.	DIAMETER
DMH	DRAIN MANHOLE
DRI	DUAL-RING INFILTRATOR
DW	DOMESTIC WATER OR DRY WELL
DWG	DRAWING
ELEV.	ELEVATION
EOP	EDGE OF PAVEMENT
EOW	EDGE OF WETLANDS
EXIST.	EXISTING
EXT.	EXTERIOR
FA	FIRE ALARM
FF	FINISHED FLOOR
FFE	FIRST FLOOR ELEVATION
FPS	FEET PER SECOND
FT	FOOT OR FEET
GCB	GRANITE CURB
GG	GAS GATE
GRAN.	GRANITE
GV	GATE VALVE
GW	GROUND WATER
HDPE	HIGH DENSITY POLYETHYLENE
HGW	HIGH GROUNDWATER
HOR	HORIZONTAL
HW	HEADWALL
HWY	HIGHWAY
HYD	HYDRANT
IN	INCHES
INF. CH.	INFILTRATION CHAMBER
INST	INSTALLED
INV., I	INVERT
L	LENGTH
LB	LEACHING BASIN
LP	LIGHT POLE
LS	LANDSCAPING
MAT	MATERIAL
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MW	MONITORING WELL
N	NORTH
NAVD	NORTH AMERICAN VERTICAL DATUM
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHW	OVERHEAD WIRE
OVHD	OVERHEAD
PKG	PARKING
PL	PROPERTY LINE
PROP., P	PROPOSED
PT	POINT OR POINT OF TANGENT
R	RIM
R&R	REMOVE & RESET/REPLACE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RD#	ROOF DRAIN NUMBER
RED	REDUCER
RELOC	RELOCATE
REM	REMOVE
RET	RETAIN, RETAINING OR RETENTION
S	SLOPE
SBDH	SUBDRAIN
SEC	SECTION
SF	SQUARE FEET
SP	STANDPIPE
SPEC.	SPECIFICATION
SRBK	SUBANGULAR BLOCKY
STD	STANDARD
SW	SIDEWALK
TB	TO BE REMOVED
TOC	TOP OF CURB
TOF	TOP OF FOUNDATION
TOS	TOP OF SLOPE
TYP.	TYPICAL
UP	UTILITY POLE
VERT	VERTICAL
VGC	VERTICAL GRANITE CURB
WGR	WATER GATE/VALVE
WM	WATER METER
WMH	WATER MAN HOLE

NOTES	
GENERAL:	UTILITIES:
1. THE CONTRACTOR SHALL NOTIFY "DIGSAFE" (1-888-DIGSAFE) AT LEAST 72 HOURS (3 BUSINESS DAYS) BEFORE EXCAVATING.	1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.	2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT. FAILURE TO PROVIDE OR PERFORM THE ABOVE PRIOR TO PERFORMING ANY WORK SHALL NOT BE GROUNDS FOR EXTRA PAYMENTS TO THE CONTRACTOR.
3. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS.	3. SET CATCH BASIN RIMS, AND INVERTS OF DRAINS AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND DRAINAGE PLAN.
4. SITE SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.	4. RIM ELEVATIONS FOR DRAIN MANHOLES AND OTHER SUCH ITEMS ARE APPROXIMATE AND SHALL BE ADJUSTED AS FOLLOWS: <ul style="list-style-type: none"><li>PAVEMENTS, CONCRETE SURFACES, AND ALL SURFACE TYPES ALONG ACCESSIBLE ROUTES-- SET FLUSH WITH FINISH GRADES.</li><li>LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS-- SET 1 INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.</li></ul>
5. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.	5. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITY COMPANY.
6. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER OR OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.	6. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN: <ul style="list-style-type: none"><li>STORM DRAINAGE PIPES SHALL BE DOUBLE WALL, SMOOTH INTERIOR HIGH DENSITY POLYETHYLENE (HDPE)</li></ul>
7. SITE CLEARING SHALL BE LIMITED TO THE EROSION CONTROL LINE AND/OR THE LIMIT OF GRADING IN AREAS WHERE EROSION CONTROL LINE IS NOT REQUIRED. CARE SHOULD BE TAKEN TO PROTECT EXISTING TREES OUTSIDE OF THIS LINE, THEREBY MAINTAINING A NATURAL BUFFER TO THE GREATEST EXTENT POSSIBLE.	7. EXISTING UNDERGROUND DRAINAGE SYSTEMS TO BE CLEANED AT THE END OF CONSTRUCTION.
8. DEGRADED AND DAMAGED EROSION CONTROLS TO BE REPLACED BY THE CONTRACTOR UNTIL FINAL SOIL STABILIZATION METHODS HAVE BEEN ESTABLISHED.	8. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONCRETE STRUCTURES FOR BUOYANCY PRIOR TO FABRICATION. THE CONTRACTOR SHALL TAKE MEASURES TO GUARANTEE STRUCTURES DO NOT FLOAT WHEN FULLY SUBMERGED DUE TO GROUNDWATER OR OTHER INUNDATION.
9. BUILDING HEIGHTS SHALL CONFORM TO LATEST ARCHITECTURAL DESIGN PLANS, BUT SHALL NOT EXCEED FORTY (40) FEET.	9. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
10. ALL PROPOSED ACCESSIBLE PARKING SPACES, RAMPS, AND ACCESS ROUTES SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (A.D.A.) STANDARDS FOR ACCESSIBLE DESIGN, MASSACHUSETTS 521 CMR ARCHITECTURAL ACCESS BOARD, AND MASSDOT STANDARDS UNLESS OTHERWISE NOTED.	10. A MINIMUM OF 18" VERTICAL CLEARANCE SHALL BE MAINTAINED WHERE WATER SERVICES CROSS STORM DRAIN LINES. WATER SERVICES SHALL BE ENCASED IN CONCRETE REGARDLESS OF CLEARANCE WHEN PASSING BELOW STORM DRAIN LINES. ENCASEMENT SHALL EXTEND ALONG WATER SERVICE A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
11. ALL PROPOSED ACCESSIBLE PARKING SPACES SHALL HAVE A MAXIMUM SLOPE OF 2.0% AND A MINIMUM SLOPE OF 1.5%.	
12. ALL PROPOSED ACCESSIBLE ACCESS ROUTES SHALL HAVE A MAXIMUM SLOPE OF 5.0% AND A MAXIMUM CROSS SLOPE OF 2.0%.	
13. ALL PROPOSED CATCH BASINS TO COMPLY WITH AMERICANS WITH DISABILITIES ACT STANDARDS WHICH WILL HAVE PERFORATED GRATE, NOT SLOTTED, STYLE COVERS UNLESS OTHERWISE NOTED.	
14. DRAINAGE AND SEWER STRUCTURES SHALL BE SET FLUSH WITH PAVEMENT, CONCRETE, AND ALL SURFACE TYPES ALONG ACCESSIBLE ROUTES.	
15. AREAS OF PROPOSED STORMWATER INFILTRATION FACILITIES SHALL BE ROPED OFF OR FENCED OFF TO PROTECT THE IN-SITU SOIL FROM COMPACTION AND SEDIMENTATION. HEAVY EQUIPMENT AND TEMPORARY SEDIMENT BASINS SHALL NOT BE ALLOWED IN THESE AREAS.	
LAYOUT & MATERIALS:	
1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.	
2. CONCRETE BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.	
EXISTING CONDITIONS INFORMATION:	
1. THE PROPERTY IS REFERENCED BY THE CITY OF CRANSTON ASSESSOR AS ASSESSOR'S MAP 32 LOT 38.	
2. OWNER OF RECORD ACCORDING TO ASSESSORS RECORDS: ST. MARY AND ST. MENA COPTIC ORTHODOX CHURCH OF RI. BOOK 107B, PAGE 754. PLAN CARD 631, MAP 262	
3. ELEVATIONS REFER TO NAVD 88.	
4. TOPOGRAPHIC INFORMATION AND EXISTING SITE FEATURES WERE OBTAINED FROM A FIELD SURVEY PERFORMED BY CONCECO ENGINEERS & SCIENTISTS ON MARCH ##, 2024.	
5. THE PROPERTY IS LOCATED IN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 44007C0295G DATED MARCH 2, 2009.	
6. UNDERGROUND UTILITY LOCATION AS SHOWN HEREON ARE TAKEN FROM AVAILABLE RECORD AND FIELD INFORMATION AND ARE APPROXIMATE ONLY. BEFORE PLANNING ANY CONSTRUCTION, DIGSAFE AND THE VARIOUS UTILITY COMPANY ENGINEERING DEPARTMENTS SHOULD BE CONSULTED.	
7. TREE SYMBOLS ARE FOR GRAPHIC PURPOSES ONLY AND DO NOT REPRESENT ACTUAL CANOPY LINES.	
LANDSCAPING:	
1. ALL AREAS CLEARED AND/OR DISTURBED SHALL BE BROUGHT TO WITHIN 4 INCHES OF FINAL GRADE AND FINISHED WITH 4 INCHES OF LOAM AND SEED EXCEPT WHERE OTHER FINISHES ARE PROPOSED (REFER TO PLANS). LOAM AND SEEDED AREAS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.	
2. ALL PROPOSED SLOPES GREATER THAN 4:1 TO BE LOAMED AND SEEDED SHOULD BE REINFORCED WITH A BIODEGRADABLE EROSION CONTROL BLANKET TO ENSURE SLOPE STABILITY WHILE VEGETATION BEGINS TO GROW.	
3. CONTRACTOR IS RESPONSIBLE FOR REPLACING (IN KIND) ALL DEAD OR DYING PLANT MATERIAL FOR A PERIOD OF 2 YEARS AFTER INITIAL PLANTING.	

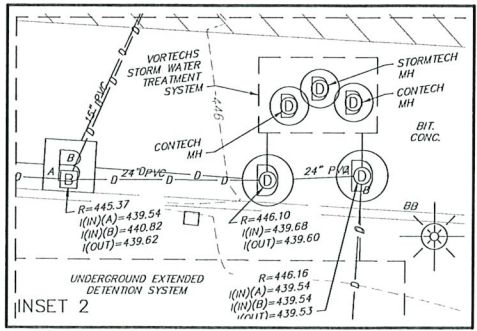
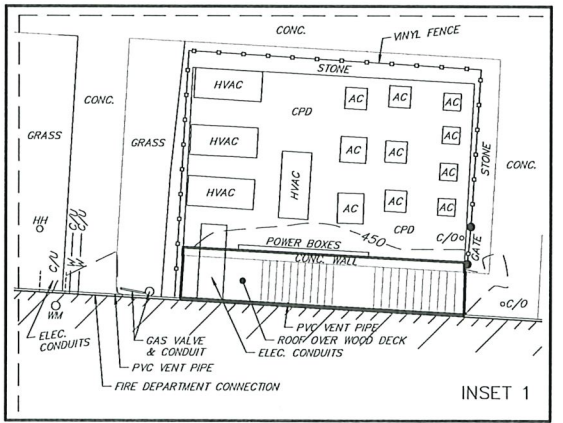
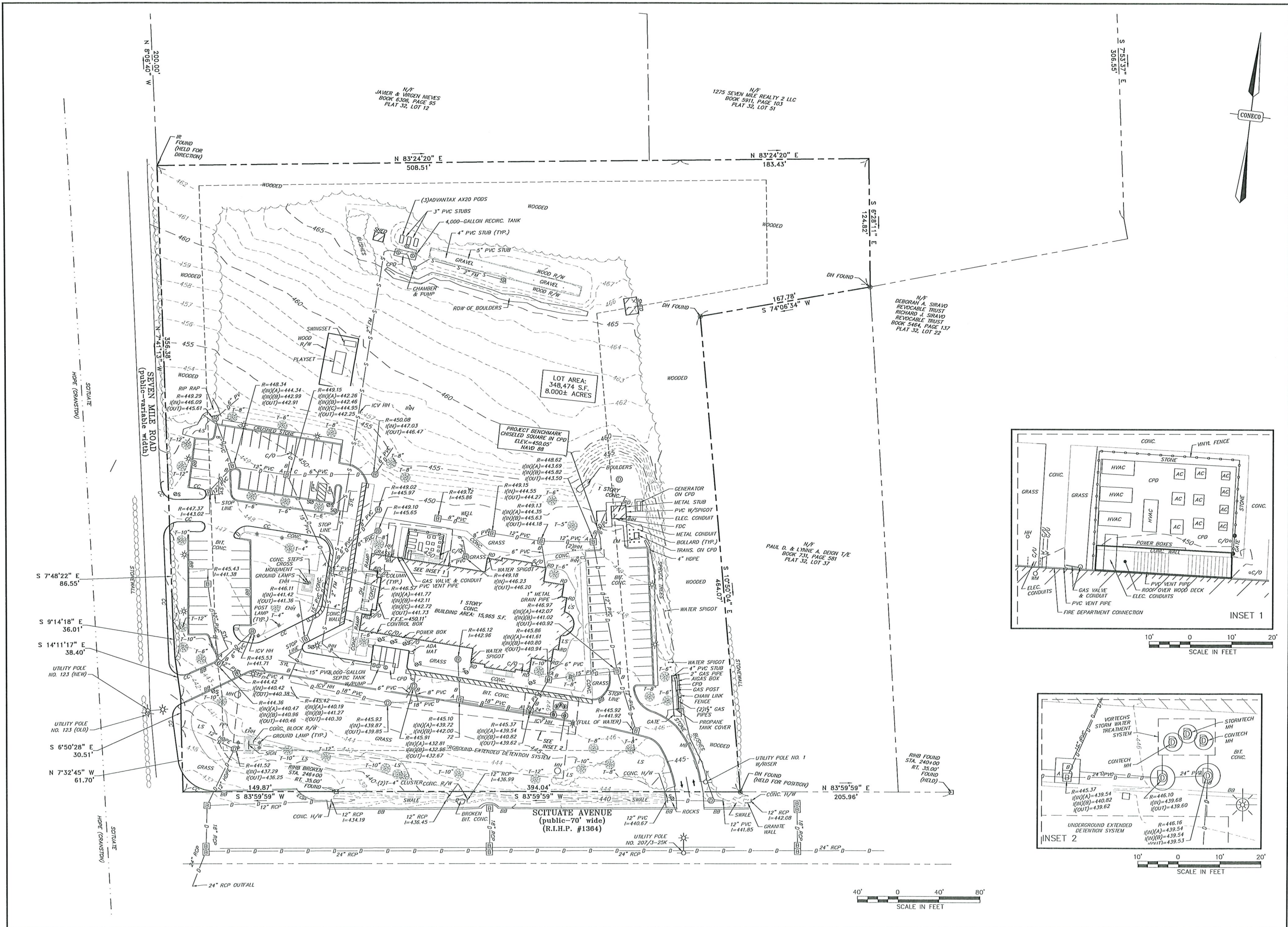



SITE DEVELOPMENT TABLES		
TOTAL SITE AREA: 348,480 S.F. (8.0± ACRES)		
ZONING TABLE		
ZONE: RESIDENTIAL A-80		
USES: CHURCH		
	REQUIRED	PROVIDED
LOTS		
MIN. AREA	80,000 S.F.	348,480 S.F.
MIN. FRONTAGE	200 FT	394 FT
BUILDINGS		
MAX. BUILDING LOT COVERAGE	10%	10.8%
MIN. FRONT YARD	40 FT	104.3 FT
MIN. SIDE YARD	20 FT	98.8 FT
MIN. REAR YARD	100 FT	217.9 FT
MAX. BUILDING HEIGHT	35 FT	37 FT

PARKING SUMMARY	
REQUIRED	
FOR CHURCHES:	
1 SPACE PER 10 SEATS	
600 SEATS / 10 = 60 SPACES	
TOTAL SPACES REQUIRED = ## SPACES	
EXISTING	
64 STANDARD SPACES	
4 HANDICAP SPACES	
TOTAL EXISTING SPACES = 68 SPACES	
PROPOSED	
PROPOSED PARKING SPACES DIMENSIONS: 10'x20'	
37 STANDARD SPACES PROPOSED	
1 HANDICAP SPACE PROPOSED	
1 HANDICAP VAN SPACE PROPOSED	
TOTAL PROPOSED SPACES = ## (## STANDARD, # HANDICAP)	

REVISIONS	DR/CK						
	DESCRIPTION						
	DATE						
	NO.						
PREPARED FOR		ST. MARY AND ST. MENA CHURCH 2433 SCITUATE AVE. HOPE, RI 02831			NOTES & LEGEND		
PROJECT		EXTENSION BUILDING 2433 SCITUATE AVE. HOPE, RI 02831			PLAN SET		
PROJECT		CONCECO Engineers & Scientists PHONE 800-548-3355 WEBSITE: www.conceco.com			DATE 4/17/2024		
PROJECT		DESIGNED: MVK DRAFTED: MVK SCALE: AS SHOWN PROJECT NO. 12697 SHEET NO.			CHECKED: DJD IN CHARGE: DJD 2 OF 10		



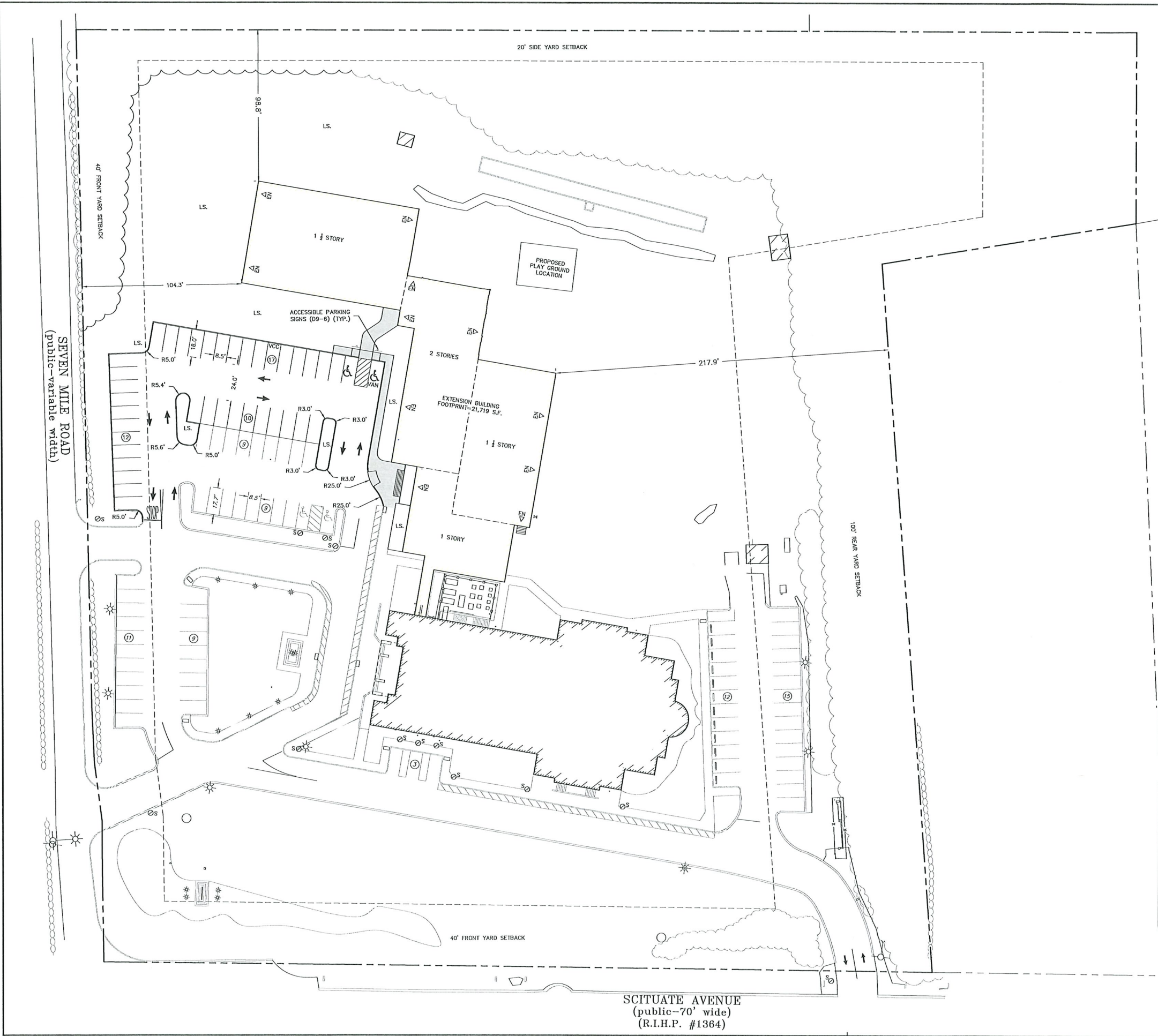


 <b>Engineers &amp; Scientists</b> PHONE: 800-544-3355    WEBSITE: www.coneco.com		PROJECT:		EXTENSION BUILDING 2433 SCITUATE AVE. HOPE, RI 02831		PREPARED FOR:  ST. MARY AND ST. MENA CHURCH 2433 SCITUATE AVE. HOPE, RI 02831		REVISIONS	
		PLAN SET:		PLAN SET		DRAWING			
DATE		4/17/2024							
DESIGNED: MWK		CHECKED: DJD							
DRAFTED: MWK		IN CHARGE: DJD							
SCALE:		1" = 40'							
PROJECT NO.		12697							
SHEET NO.		3							
		OF 10							



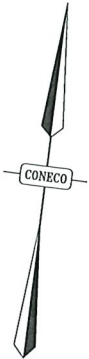






ZONING TABLE		
ZONE: INDUSTRIAL DISTRICT		
USES: INDUSTRIAL		
	REQUIRED	PROVIDED
<b>LOTS</b>		
MIN. AREA	80,000 S.F.	348,480 S.F.
MIN. FRONTAGE	200 FT	394.04 FT
<b>BUILDINGS</b>		
MAX. LOT COVERAGE	10%	10.8%
MIN. FRONT YARD	40 FT	104.3 FT
MIN. SIDE YARD	20 FT	98.8 FT
MIN. REAR YARD	100 FT	217.9 FT
MAX. BUILDING HEIGHT	35 FT	37 FT

PARKING SUMMARY	
<b>REQUIRED</b>	
FOR CHURCHES:	
1 SPACE PER 10 SEATS	
600 SEATS/10 = 60 SPACES	
TOTAL SPACES REQUIRED = 60 SPACES	
<b>PROPOSED</b>	
PROPOSED PARKING SPACES DIMENSIONS: 8.5'x18'	
64 STANDARD SPACES EXISTING	
4 ACCESSIBLE SPACES EXISTING	
37 STANDARD SPACES PROPOSED	
1 ACCESSIBLE SPACES PROPOSED	
1 ACCESSIBLE VAN SPACES PROPOSED	
TOTAL EXISTING AND PROPOSED SPACES = 107 SPACES	



REVISIONS		DR/CK
NO.	DATE	DESCRIPTION

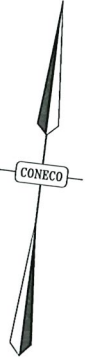
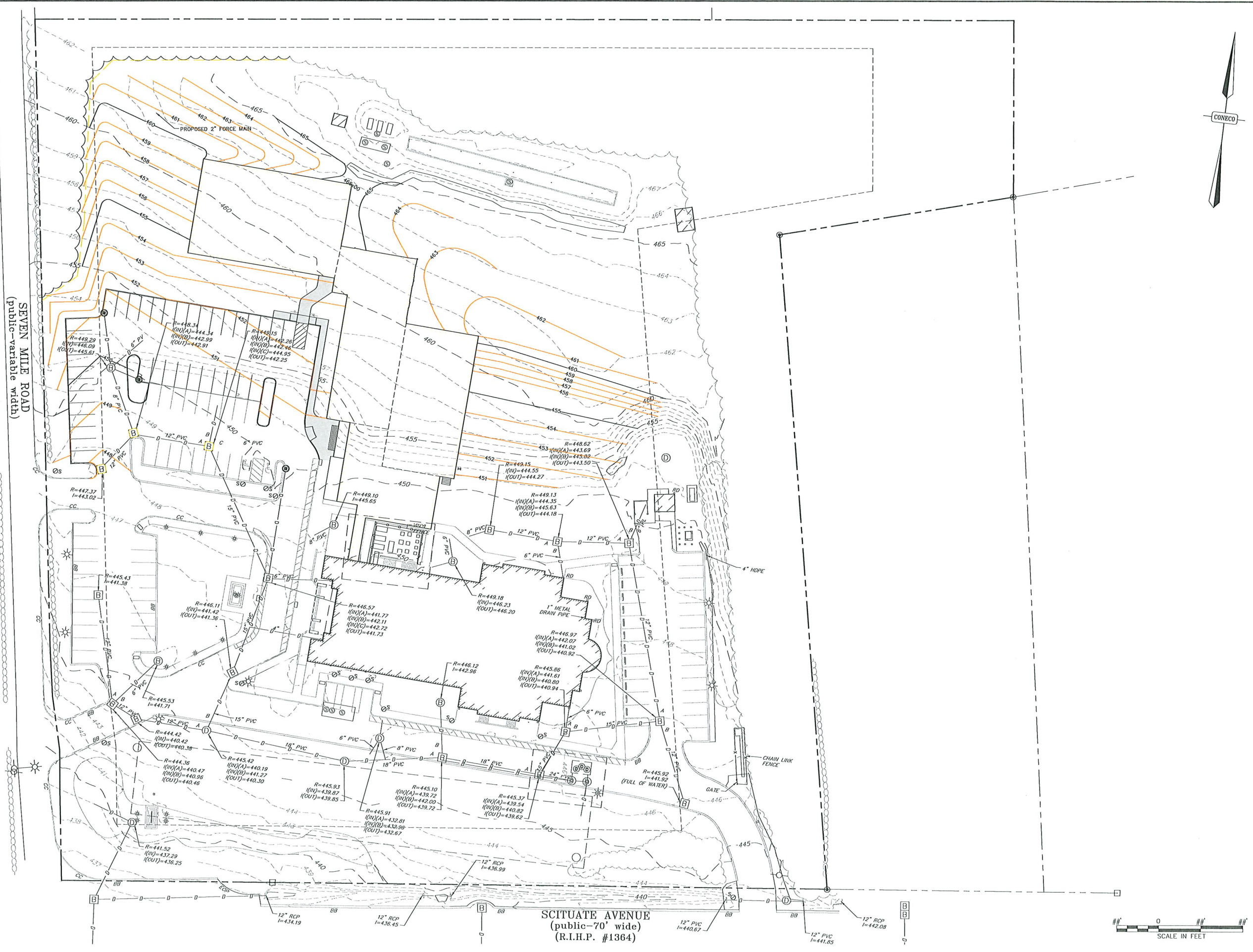
PREPARED FOR	ST. MARY AND ST. MENA CHURCH 2433 SCITUATE AVE. HOPE, RI 02831	DRAWING	SITE LAYOUT PLAN
PROJECT	EXTENSION BUILDING 2433 SCITUATE AVE. HOPE, RI 02831		
PLAN SET	PLAN SET		

**CONECO**  
Engineers & Scientists  
PHONE: 800-546-3355 WEBSITE: www.coneco.com

DATE	4/17/2024
DESIGNED: MYK	CHECKED: DJD
DRAFTED: MYK	IN CHARGE: DJD
SCALE:	1" = 30'
PROJECT NO.	12697
SHEET NO.	5


OF 10





REVISIONS		NO.	DATE	DESCRIPTION	DR/CK

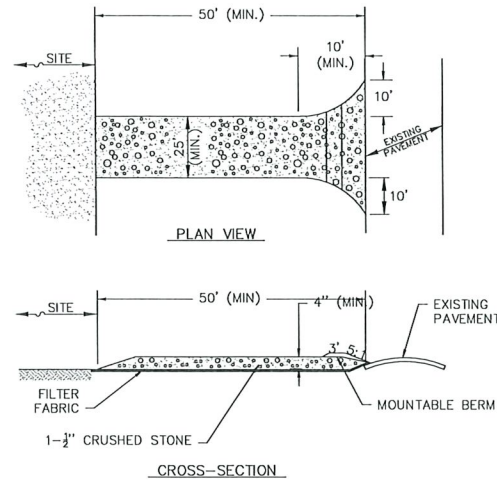
PREPARED FOR	ST. MARY AND ST. MENA CHURCH 2433 SCITUATE AVE. HOPE, RI 02831
PROJECT	EXTENSION BUILDING 2433 SCITUATE AVE. HOPE, RI 02831
PLAN SET	PLAN SET
DRAWING	SITE GRADING & DRAINAGE PLAN

 <b>Engineers &amp; Scientists</b> PHONE: 800-548-3355 WEBSITE: www.coneco.com	
DATE	4/17/2024
DESIGNED: MVK	CHECKED: D.J.D.
DRAFTED: MVK	IN CHARGE: D.J.D.
SCALE:	#####
PROJECT NO.	12697
SHEET NO.	6 OF 10



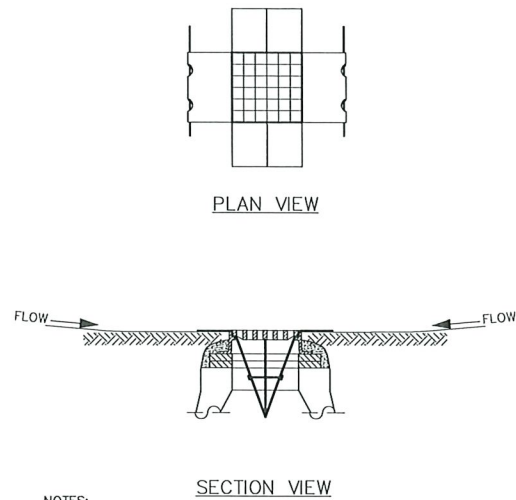






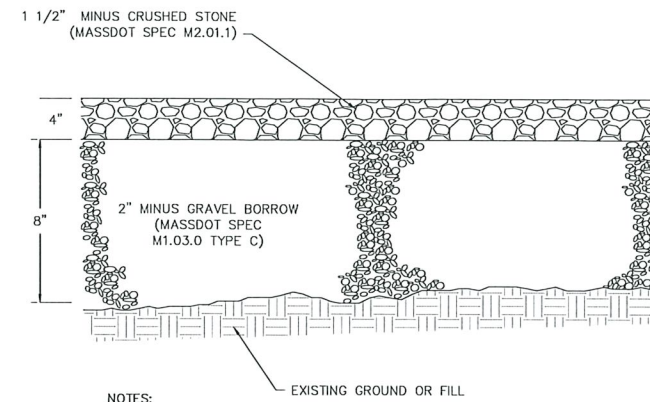
- NOTES:
- ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO REAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED.
  - PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.

**STABILIZED CONSTRUCTION ACCESS/EGRESS**  
N.T.S.



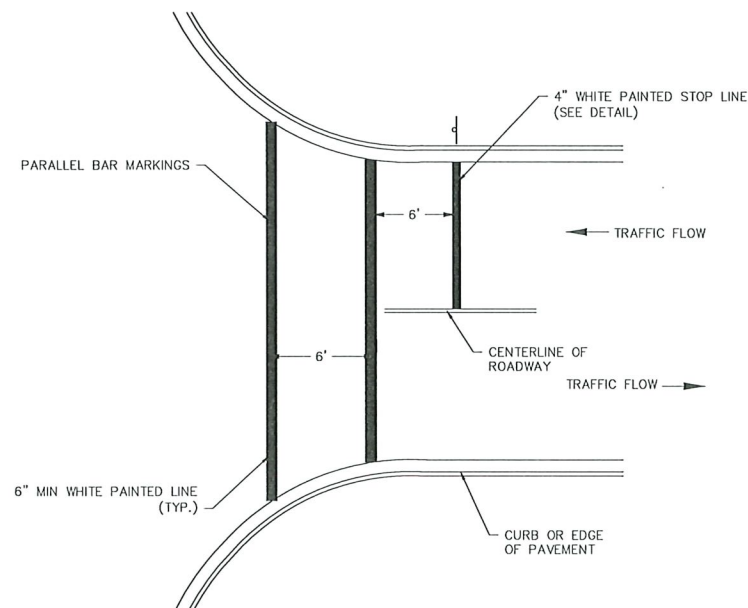
- NOTES:
- INSTALL SILTSACK IN ALL PROPOSED CATCH BASINS UNTIL AFTER BINDER COURSE IS PLACED AND SEDIMENT CONTROL LINES HAVE BEEN REMOVED.
  - INSTALL SILTSACK IN ALL EXISTING CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK. SILT SACKS TO REMAIN UNTIL BINDER COURSE HAS BEEN PLACED AND EROSION CONTROLS HAVE BEEN REMOVED.
  - GRATE TO BE PLACED OVER SILTSACK.
  - SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED.
  - THE SILT SACK INSTALLED WITHIN LEACHING CATCH BASINS AS AN INLET PROTECTION MEASURE SHOULD REMAIN AFTER THE COMPLETION OF CONSTRUCTION. THIS SILT SACK SHOULD BE MAINTAINED AND REPLACED AS REQUIRED BY THE OWNER OF THE FACILITY AS RECOMMENDED BY THE MANUFACTURER.

**SILTSACK SEDIMENT TRAP**  
N.T.S.

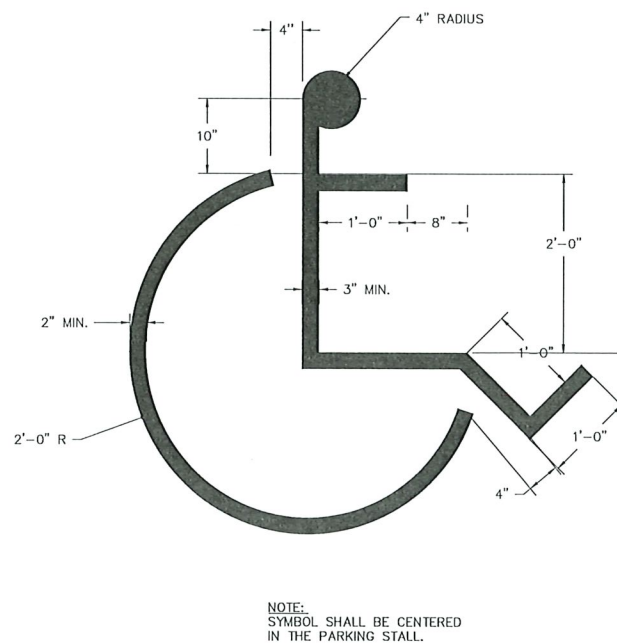


- NOTES:
- THICKNESS DIMENSIONS AFTER COMPACTION.
  - CRUSHED STONE AND GRAVEL BORROW SHALL BE COMPACTED IN LIFTS TO 95% PROCTOR DENSITY

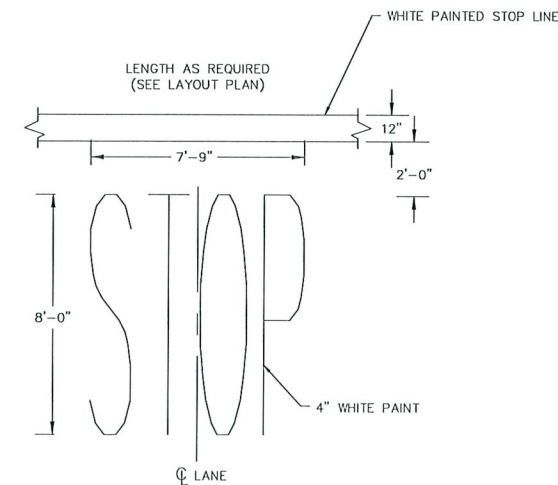
**CRUSHED STONE FIRE ACCESS SECTION**  
N.T.S.



**PAINTED PAVEMENT MARKING**  
N.T.S.



**ACCESSIBLE PARKING STALL SYMBOL**



**PAINTED PAVEMENT MARKINGS**  
N.T.S.

REVISIONS		DR/CK
NO.	DATE	DESCRIPTION

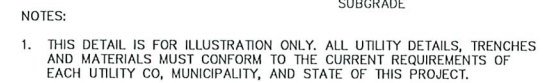
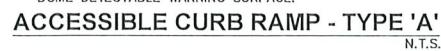
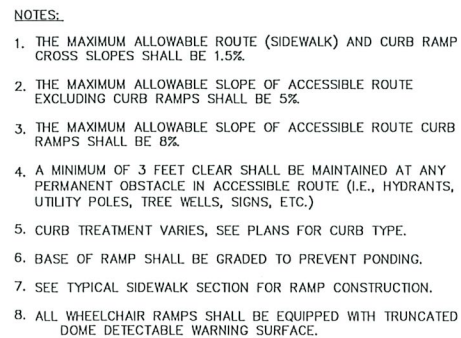
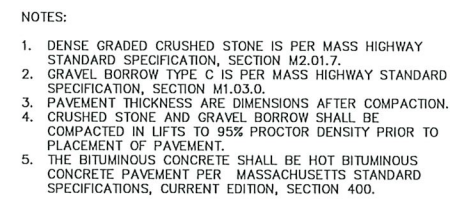
ST. MARY AND ST. MENA CHURCH 2433 SCITUATE AVE. HOPE, RI 02831	DETAILS SHEET 1 OF 3
--	-------------------------

EXTENSION BUILDING 2433 SCITUATE AVE. HOPE, RI 02831	PLAN SET
--	----------

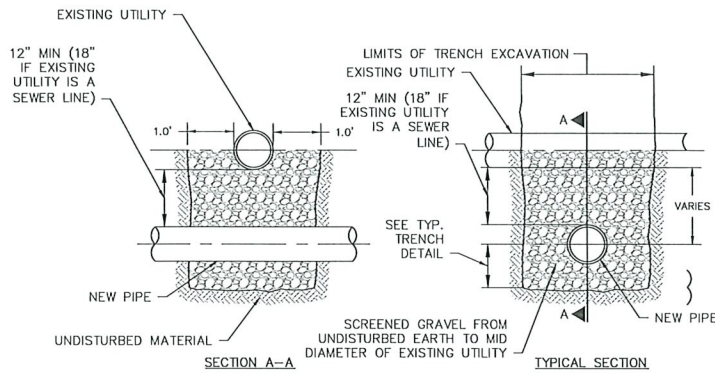
**CONECO**  
Engineers & Scientists  
PHONE: 800-548-3355  
WEBSITE: www.coneco.com

DATE	4/17/2024
DESIGNED: MVK	CHECKED: DJD
DRAFTED: MVK	IN CHARGE: DJD
SCALE:	N.T.S.
PROJECT NO.	12697
SHEET NO.	8



9  
OF 10

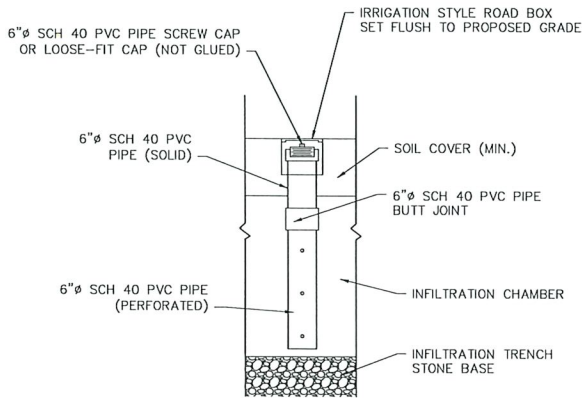




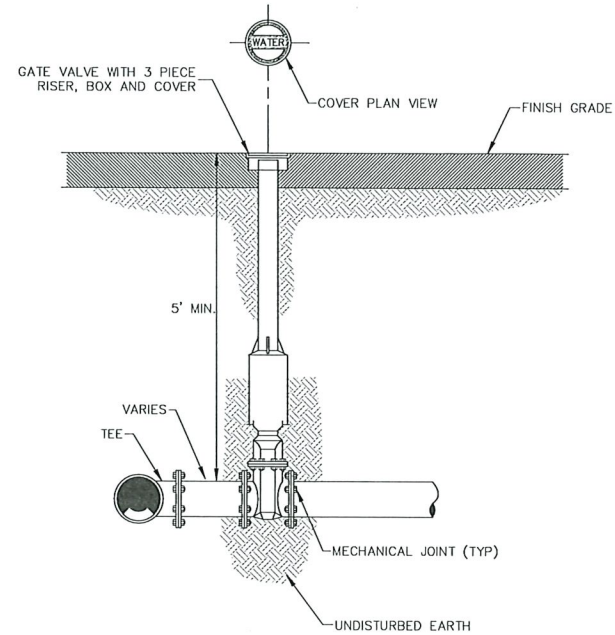
NOTE:

1. TO THE EXTENT POSSIBLE, NEW WATER MAINS SHALL CROSS OVER EXISTING SEWERS. WATER MAINS SHALL BE CONCRETE ENCASED IF THEY ARE INSTALLED UNDER AN EXISTING SEWER. TO THE EXTENT POSSIBLE, ONE FULL LENGTH OF NEW MECHANICAL JOINT WATER PIPE SHALL BE INSTALLED CENTERED UNDER THE SEWER CROSSING SO THAT THE WATER MAIN PIPE JOINTS WILL BE AS FAR AWAY FROM THE SEWER CROSSING AS POSSIBLE.

**UTILITY CROSSING DETAIL**  
N.T.S.



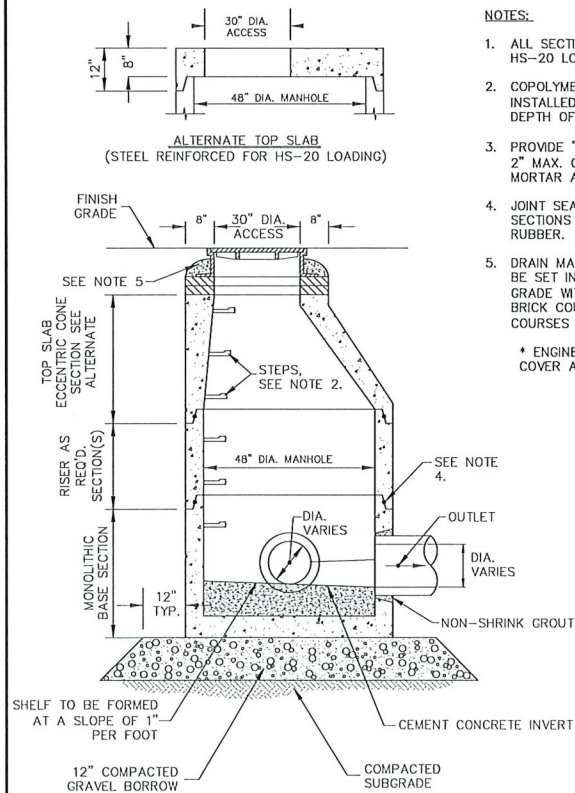
**INSPECTION PORT DETAIL**  
N.T.S.



NOTE:

1. CONCRETE THRUST BLOCKS TO BE USED ONLY WHERE THEY CAN BEAR ON UNDISTURBED EARTH. USE CLAMPS AND TIE RODS OR OTHER ACCEPTABLE METHOD OF JOINT RESTRAINT WHERE SOIL CONDITIONS PROHIBIT THE USE OF THRUST BLOCKS.
2. VALVE AND ROAD BOX AS REQUIRED BY TOWN OF BRIDGEWATER WATER DEPARTMENT.

**WATER GATE**  
N.T.S.

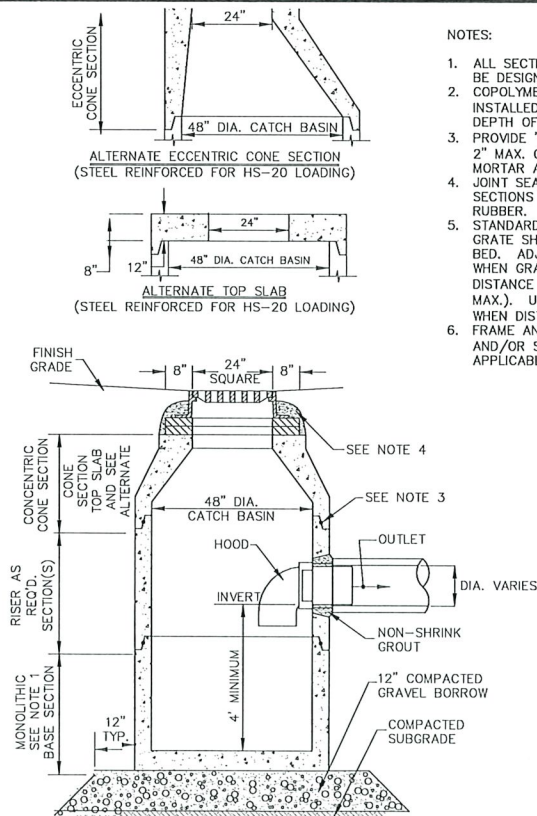


**DRAIN MANHOLE (DMH)**  
N.T.S.

NOTES:

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

\* ENGINEER TO COORDINATE FRAME & COVER AND PIPE TYPE.



**CATCH BASIN (CB) WITH TRAP**  
N.T.S.

NOTES:

1. ALL SECTIONS, FRAME, AND GRATES SHALL BE DESIGNED FOR HS-20 LOADING.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. STANDARD CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK WHEN GRADE TO TOP OF PRECAST UNIT DISTANCE IS 1'-0" OR LESS (5 COURSES MAX.). USE SOLID CONCRETE BLOCK WHEN DISTANCE IS GREATER THAN 1'-0".
6. FRAME AND GRATE SHALL MEET MUNICIPAL AND/OR STATE SPECIFICATIONS WHEN APPLICABLE.

REVISIONS		DR/CK
NO.	DATE	DESCRIPTION

ST. MARY AND ST. MENA CHURCH  
2433 SCITUATE AVE.  
HOPE, RI 02831

DETAILS  
SHEET 3 OF 3

EXTENSION BUILDING  
2433 SCITUATE AVE.  
HOPE, RI 02831

PLAN SET



DATE	4/17/2024
DESIGNED: MYK	CHECKED: D.J.D
DRAFTED: MYK	IN CHARGE: D.J.D
SCALE:	N.T.S.
PROJECT NO.	12697
SHEET NO.	10

10  
OF 10





**John C. Carter & Co., Inc.**

**Landscape Architecture**  
960 Boston Neck Road  
Narragansett, RI 02882  
(401) 783-3500

0' 10' 20' 40' 60' 80'  
Graphic Scale 1" = 20'

*St. Mary & St. Mena Church*  
*Landscape Plan*

2433 Scituate Avenue  
Cranston, Rhode Island  
Scale 1" = 20'  
April 5, 2024

DRAWN BY: LMW