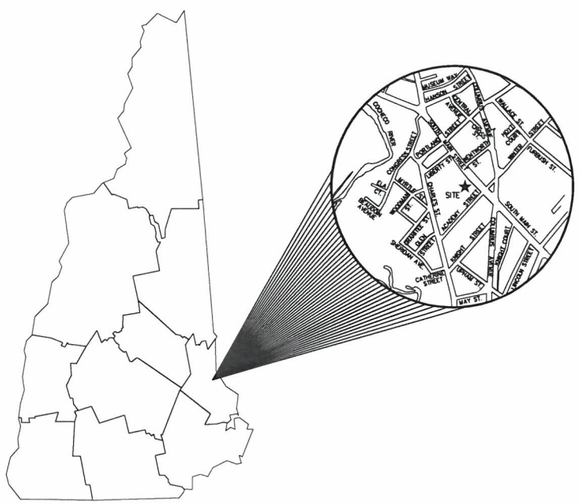
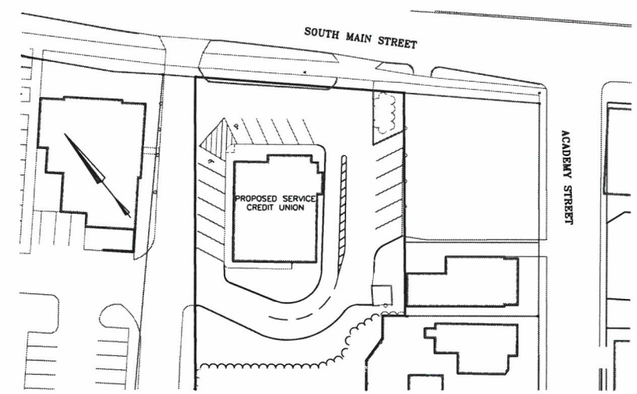
LAND SURVEYORS | CIVIL ENGINEERS

PROPOSED SERVICE CREDIT UNION BRANCH
83 SOUTH MAIN STREET
PREPARED FOR
SERVICE CREDIT UNION
FEBRUARY 2019





OVERALL SITE
1" = 40'

RECEIVED
FEB 27 2020
By

STATE OF NEW HAMPSHIRE
SCOTT A. LAWLER
No.10038
LICENSED
PROFESSIONAL ENGINEER

CIVIL ENGINEERS
NORWAY PLAINS ASSOCIATES, INC.
2 CONTINENTAL BOULEVARD
ROCHESTER, NEW HAMPSHIRE 03867
(603) 335-3948

ARCHITECTS
mjk, MICHAEL J. KEANE ARCHITECTS, PLLC
101 KENT PLACE
NEWMARKET, NH 03857
(603) 292-1400

CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION. SPECIFIC SITE CONDITIONS SHOULD BE EXPLORED PRIOR TO CONSTRUCTION. CONTACT BOTH THE DESIGN ENGINEER AND THE PROJECT OWNER FOR ANY AVAILABLE GEOTECHNICAL OR HYDROGEOLOGICAL INFORMATION AVAILABLE BUT NOT CONTAINED WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE DESIGN PRESENTED IN THIS PLAN SET PLEASE CONTACT THE ENGINEERING STAFF AT NORWAY PLAINS ASSOCIATES, INC. (603)-335-3948.

OWNER OF RECORD
TAX MAP 125, LOT 203
OWNER OF RECORD:
SERVICE CREDIT UNION
3003 LAFAYETTE ROAD
PORTSMOUTH, NH 03801
SCRD BOOK 4655, PAGE 153

APPLICANT
SERVICE CREDIT UNION
3003 LAFAYETTE ROAD
PORTSMOUTH, NH 03801-5904
(603) 422-8314

STATE AND FEDERAL PERMITS:
STATE OF NEW HAMPSHIRE PERMIT NUMBERS:

NHDES ALTERATION OF TERRAIN:	NOT REQUIRED
NHDES WETLANDS PERMIT:	NOT REQUIRED
NHDES DAM PERMIT:	NOT REQUIRED
NHDES SUBDIVISION PERMIT:	NOT REQUIRED
NHDES SUBSURFACE SYSTEMS PERMIT:	NOT REQUIRED
NHDES WASTEWATER PERMIT:	NOT REQUIRED
NHDOT DRIVEWAY/ENTRANCE PERMIT:	NOT REQUIRED

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES):
NPDES PERMITS ARE ONLY REQUIRED FOR PROJECTS MEETING THE DISTURBED AREA CRITERIA BELOW AND HAVING A POINT SOURCE STORMWATER DISCHARGE FROM THE SITE TO AN ADJACENT WETLAND OR WATER BODY (I.E. CULVERT, SWALE, ETC. OUTLETING TO A WETLAND, CREEK, STREAM OR RIVER).

NPDES PERMIT: NOT REQUIRED

NPDES PERMITS CONSIST OF A NOTICE OF INTENT (NOI) FILED WITH THE ENVIRONMENTAL PROTECTION AGENCY AT LEAST 14 DAYS PRIOR TO CONSTRUCTION COMMENCING AND A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEING PREPARED, KEPT ON SITE AND FOLLOWED BY THE CONTRACTOR.

FOR STATUS OF THIS PERMIT, CONTACT THE PROJECT GENERAL CONTRACTOR.

FINAL APPROVAL BY
ROCHESTER PLANNING BOARD
CERTIFIED BY: Beth DATE: 3/3/20

SHEET INDEX

		COVER	
SHEET	E-1	EXISTING FEATURES	1" = 10'
SHEET	C-1	OVERALL SITE PLAN	1" = 20'
SHEET	C-2	SITE LAYOUT PLAN	1" = 10'
SHEET	C-3	GRADING AND DRAINAGE PLAN	1" = 10'
SHEET	C-4	CONSTRUCTION DETAILS	AS SHOWN
SHEET	C-5	STORMTECH DRAINAGE DETAILS	AS SHOWN
SHEET	L-1	LIGHTING PLAN AND DETAILS	1" = 10'

FILE NO. 317
PLAN NO. C-2963/SP-1
DWG. NO. 19024
F.B. NO.

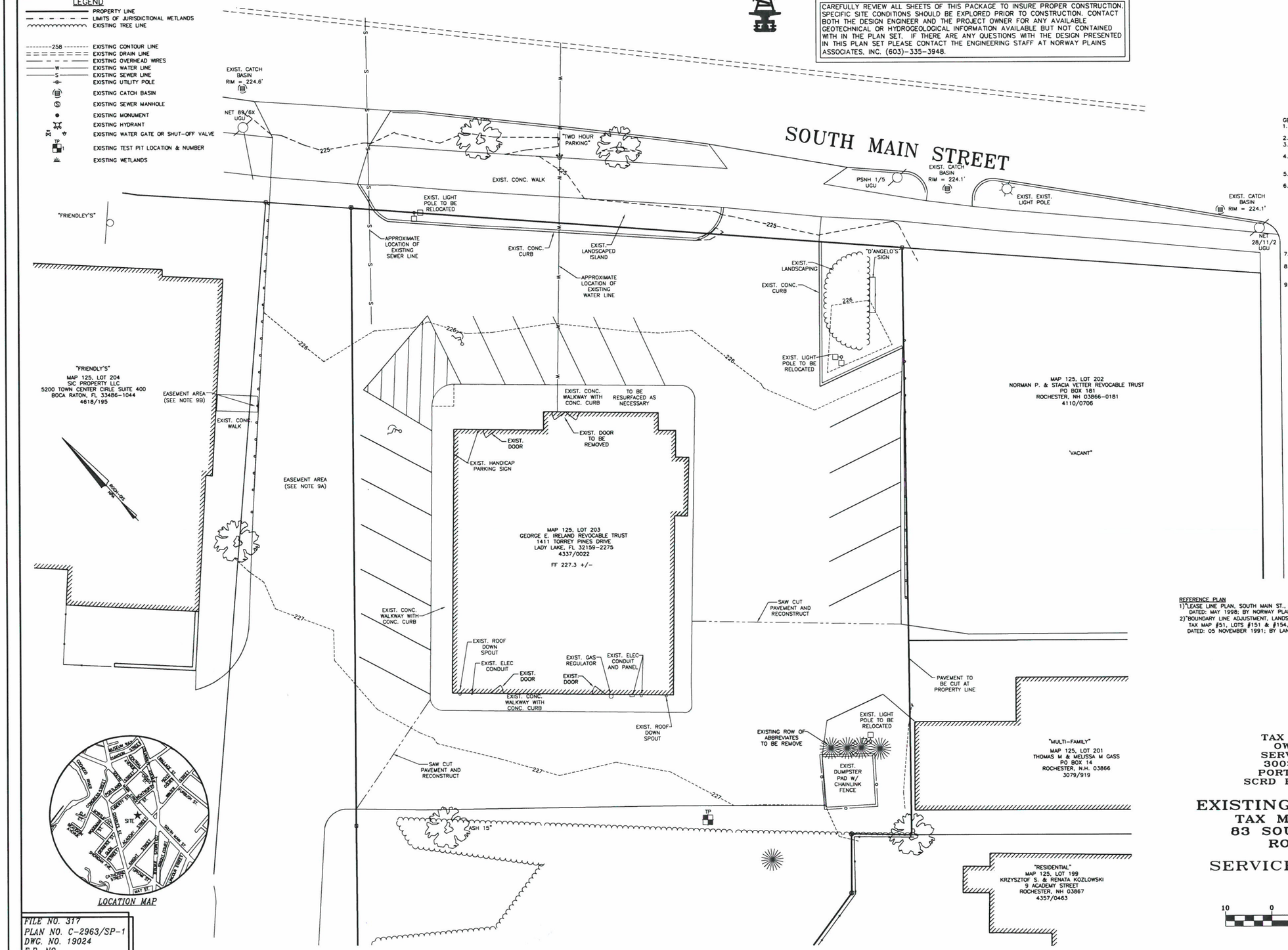
Drawing Name: M:\2019\19024\DWGS\19024 SP-1.dwg
Thu, 06 Feb 2020 - 1:19pm

LAND SURVEYORS — CIVIL ENGINEERS

CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION. SPECIFIC SITE CONDITIONS SHOULD BE EXPLORED PRIOR TO CONSTRUCTION. CONTACT BOTH THE DESIGN ENGINEER AND THE PROJECT OWNER FOR ANY AVAILABLE GEOTECHNICAL OR HYDROGEOLOGICAL INFORMATION AVAILABLE BUT NOT CONTAINED WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE DESIGN PRESENTED IN THIS PLAN SET PLEASE CONTACT THE ENGINEERING STAFF AT NORWAY PLAINS ASSOCIATES, INC. (603)-335-3948.

02/06/20 - REVISE OWNER OF RECORD.

LEGEND
- PROPERTY LINE
- LIMITS OF JURISDICTIONAL WETLANDS
- EXISTING TREE LINE
- 258 EXISTING CONTOUR LINE
- EXISTING DRAIN LINE
- EXISTING OVERHEAD WIRES
- W EXISTING WATER LINE
- S EXISTING SEWER LINE
- EXISTING UTILITY POLE
- EXISTING CATCH BASIN
- EXISTING SEWER MANHOLE
- EXISTING MONUMENT
- EXISTING HYDRANT
- EXISTING WATER GATE OR SHUT-OFF VALVE
- TP 1 EXISTING TEST PIT LOCATION & NUMBER
- EXISTING WETLANDS



GENERAL SITE PLAN NOTES
1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING FEATURES ON THE LOT.
2. TOTAL PARCEL AREA: 23,522 SQUARE FEET OR 0.54 ACRES.
3. THIS PARCELS ARE LOCATED IN THE DOWNTOWN COMMERCIAL (DC) AND HISTOIC DISTRICT OVERLAY ZONES.
4. ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AS SHOWN. THE CONTRACTOR SHALL VERIFY THEIR EXACT LOCATION PRIOR TO ANY WORK BEING PERFORMED.
5. THESE PLANS SHOW ONLY THOSE FEATURES THAT WERE VISUALLY PER REFERANCE PLAN 1.
6. DIMENSIONAL REGULATIONS PER ZONING ORDINANCE:
   DOWNTOWN COMMERCIAL (DC) ZONE:
   MINIMUM LOT AREA/DWELLING UNIT = 5,000 SF
   MINIMUM LOT AREA = 4,000 SF
   MINIMUM LOT FRONTAGE = 40 FEET
   MINIMUM YARD SETBACKS:
   FRONT = MAXIMUM = 10'
   SIDE = NO REQUIREMENT
   REAR = 15'
   MAXIMUM LOT COVERAGE = NO REQUIREMENT
   MINIMUM BUILDING HEIGHT = 20'
7. ORIENTATION: HORIZONTAL AND VERTICAL DATUMS - CITY OF ROCHESTER GIS BASED ON NGVD1929.
8. PARCEL IS NOT LOCATED WITHIN ZONE A (100YR FLOOD) AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY MAP, COMMUNITY #330170021D DATED MAY 17, 2005.
9. MAP 125 LOT 198 IS SUBJECT, BUT NOT LIMITED TO THE FOLLOWING:
   A. AN EASEMENT OR RIGHT OF WAY IN COMMON WITH MAP 125 LOT 203 SEE SCRD 448/51.
   B. AN EASEMENT AGREEMENT FOR AN EMERGENCY PEDESTRIAN ACCESS EASEMENT AS RECORDED IN SCRD 1589/716.

REFERENCE PLAN
1) "LEASE LINE PLAN, SOUTH MAIN ST., LIBERTY ST., & ACADEMY ST., ROCHESTER, NH FOR CITY OF ROCHESTER" DATED: MAY 1998; BY NORWAY PLAINS ASSOCIATES, INC. RECORDED S.C.R.D. PLAN 56-43
2) "BOUNDARY LINE ADJUSTMENT, LANDS OF GEORGE E. IRELAND AND ORA M. FISHER, JAMES E. FISHER TRUST, TAX MAP #51, LOTS #151 & #154, SOUTH MAIN & ACADEMY STREETS, ROCHESTER, NH" DATED: 05 NOVEMBER 1991; BY LAND TECHNICAL SERVICES, RECORDED S.C.R.D. 40-2

TAX MAP 125, LOT 203
OWNER OF RECORD:
SERVICE CREDIT UNION
3003 LAFAYETTE ROAD
PORTSMOUTH, NH 03801
SCRD BOOK 4655, PAGE 153

EXISTING FEATURES PLAN
TAX MAP 125, LOT 203
83 SOUTH MAIN STREET
ROCHESTER, NH

PREPARED FOR:
SERVICE CREDIT UNION

FEBRUARY 2019

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 INCH = 10 FEET

FILE NO. 317
PLAN NO. C-2963/SP-1
DWG. NO. 19024
F.B. NO.

31 Mooney Street, Alton, N.H. 603-875-3948 — NORWAY PLAINS ASSOCIATES, INC. — 2 Continental Blvd., Rochester, N.H. 603-335-3948

E-1

LAND SURVEYORS

CIVIL ENGINEERS

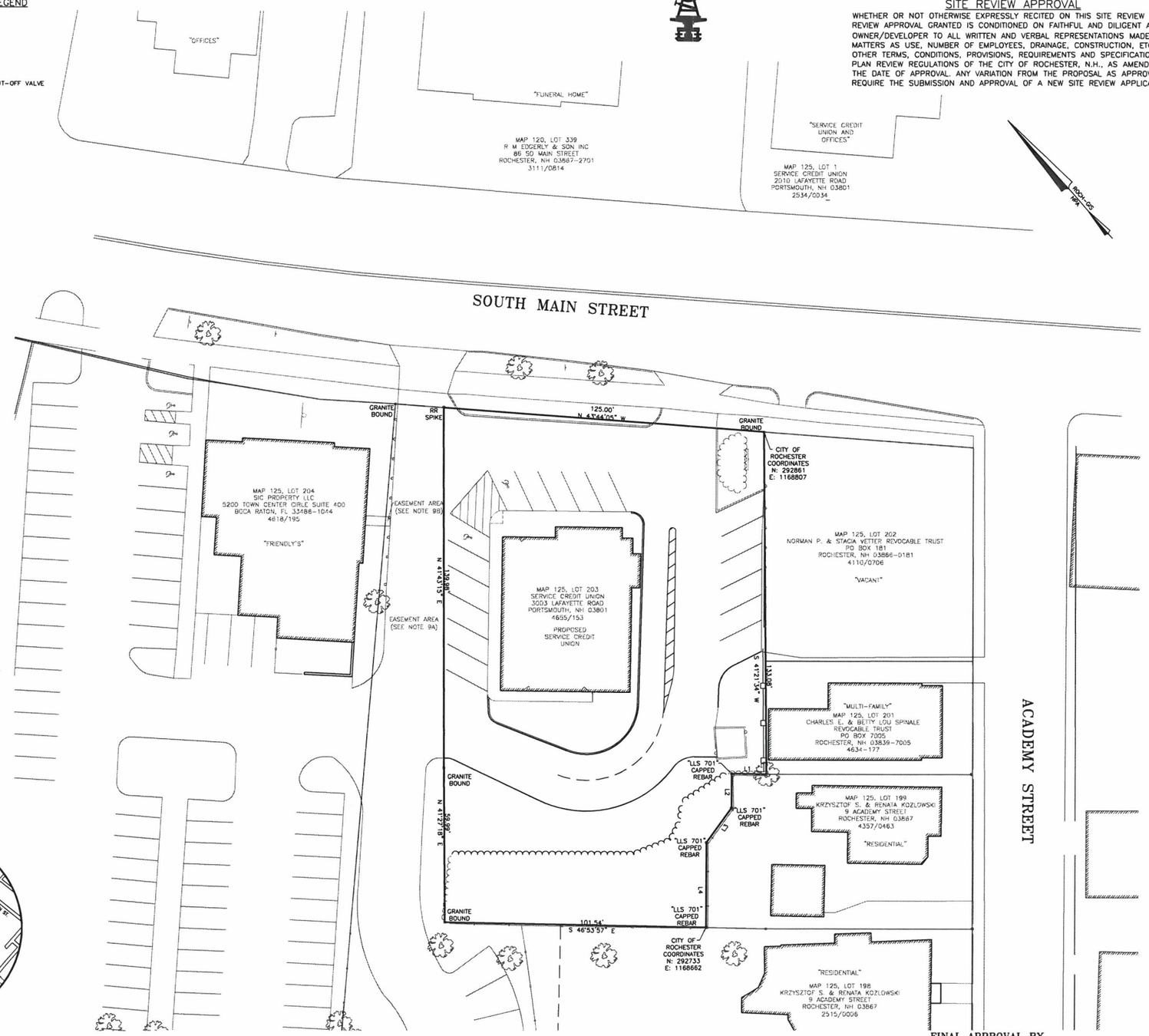
LEGEND

- PROPERTY LINE
- EXISTING TREE LINE
- EXISTING OVERHEAD WIRES
- EXISTING HYDRANT
- EXISTING WATER GATE OR SHUT-OFF VALVE
- EXISTING UTILITY POLE
- EXISTING SEWER MAN HOLE
- EXISTING CATCH BASIN
- EXISTING LIGHT POLES

SITE REVIEW APPROVAL

WHETHER OR NOT OTHERWISE EXPRESSLY RECITED ON THIS SITE REVIEW PLAN, THE SITE REVIEW APPROVAL GRANTED IS CONDITIONED ON FAITHFUL AND DILIGENT ADHERENCE BY THE OWNER/DEVELOPER TO ALL WRITTEN AND VERBAL REPRESENTATIONS MADE REGARDING SUCH MATTERS AS USE, NUMBER OF EMPLOYEES, DRAINAGE, CONSTRUCTION, ETC. AS WELL AS ALL OTHER TERMS, CONDITIONS, PROVISIONS, REQUIREMENTS AND SPECIFICATIONS OF THE SITE PLAN REVIEW REGULATIONS OF THE CITY OF ROCHESTER, N.H., AS AMENDED, IN EFFECT ON THE DATE OF APPROVAL. ANY VARIATION FROM THE PROPOSAL AS APPROVED MAY ALSO REQUIRE THE SUBMISSION AND APPROVAL OF A NEW SITE REVIEW APPLICATION.

REVISIONS: 03/27/19 – PER TRG COMMENTS, ADD NOTE 21.
04/25/19 – PER NOD COMMENTS
02/06/20 – REMOVE DRIVE-UP WINDOW AND ADD DRIVE-UP ATM, REVISE CURBING AND PAVEMENT
REVISE OWNER OF RECORD.



GENERAL SITE PLAN NOTES

1. THE PURPOSE OF THIS PLAN IS TO DEPICT A PROPOSED BANK AND ASSOCIATED PARKING.
2. TOTAL PARCEL AREA: 23,522 SQUARE FEET OR 0.54 ACRES.
3. THIS PARCELS ARE LOCATED IN THE DOWNTOWN COMMERCIAL (DC) ZONE AND HISTORIC OVERLAY DISTRICT.
4. ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AS SHOWN. THE CONTRACTOR SHALL VERIFY THEIR EXACT LOCATION PRIOR TO ANY WORK BEING PERFORMED.
5. THESE PLANS SHOW ONLY THOSE FEATURES THAT WERE VISUALLY PER REFERANCE PLAN 1.
6. DIMENSIONAL REGULATIONS PER ZONING ORDINANCE:
   DOWNTOWN COMMERCIAL (DC) ZONE:
   MINIMUM LOT AREA/DWELLING UNIT = 5,000 SF
   MINIMUM LOT AREA = 4,000 SF
   MINIMUM LOT FRONTAGE = 40 FEET
   MINIMUM YARD SETBACKS:
   FRONT = MAXIMUM = 10'
   SIDE = NO REQUIREMENT
   REAR = 15'
   MAXIMUM LOT COVERAGE = NO REQUIREMENT
   MINIMUM BUILDING HEIGHT = 20'
7. ORIENTATION: HORIZONTAL AND VERTICAL DATUMS – CITY OF ROCHESTER GIS BASED ON NGVD1929.
8. PARCEL IS NOT LOCATED WITHIN ZONE A (100YR FLOOD) AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY MAP, COMMUNITY #33017C0211D DATED MAY 17, 2005.
9. MAP 125 LOT 198 IS SUBJECT, BUT NOT LIMITED TO THE FOLLOWING:
   A. AN EASEMENT OR RIGHT OF WAY IN COMMON WITH MAP 125 LOT 203 SEE SCRD 448/51.
   B. AN EASEMENT AGREEMENT FOR AN EMERGENCY PEDESTRIAN ACCESS EASEMENT AS RECORDED IN SCRD 1589/716.
1. SOIL TYPES ARE PER NATURAL RESOURCES CONSERVATION SERVICE, CUSTOM SOIL RESOURCE REPORT FOR STRAFFORD COUNTY, NEW HAMPSHIRE:
   WdA – WINDSOR LOAM SAND, 0 TO 3 PERCENT SLOPES
11. FOR MORE INFORMATION ABOUT THIS SITE PLAN, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 31 WAKEFIELD STREET, ROCHESTER, NH 3867. (603) 335-1338.
12. PARKING REQUIREMENTS (SITE PLAN REGULATIONS: SECTION 10 (A)):
   BANK – 1 SPACE PER 300 SQUARE FEET OF BUILDING
   REQUIRED SPACES = 11 SPACES
   PROVIDED SPACES = 17 SPACES
   ACCESSIBLE PARKING (SITE PLAN REGULATIONS SECTION 10(D)(2)):
   THE SPACES ARE PART OF THE ABOVE TOTAL.
   ACCESSIBLE PARKING SPACES = 0 TO 25 = 1 SPACE
   TOTAL PROVIDED SPACES = 2 SPACE
13. THIS DEVELOPMENT MUST BE IN COMPLIANCE WITH ALL APPLICABLE LAW – INCLUDING PROVISIONS OF THE CITY OF ROCHESTER SIT PLAN REGULATIONS – UNLESS OTHERWISE WAVED.
14. ACCESS INTO THE SITE FOR FIRE APPARATUS MUST BE MAINTAINED AT ALL TIMES DURING THE CONSTRCTUON PROSESS. THIS IS THE SOLE RESPONSIBILTY OF THE APPLICANT/DEVELOPER TO MAINTAIN THIS ACCESS. PLEASE CONTACT THE FIRE DEPARTMENT AT (603) 330-7182 WITH ANY QUESTIONS ABOUT ACCESS REQUIREMENTS.
15. SNOW SHALL NOT BE PILED IN SUCH A MANNER AS TO BLOCK VISIBILTY OF THE VEHICLES ON SOUTH MAIN STREET AND ALL EXCESS SNOW SHALL BE REMOVED FROM THE SITE.
16. ALL OUTSIDE CONSTRUCTION ACTIVITY RELATED TO THE DEVELOPMENT OF THIS SITE IS RESTRICTED TO THE HOURS OF 7:00 AM AND 6:00 PM MONDAY THROUGH FRIDAY AND 8:00 AM TO 6:00 PM SATURDAY.
17. ALL UTILITIES MUST BE UNDERGROUND, INCLUDING UTILITIES EXTENDED ONTO THE SITE FROM EXISTING POLES NEAR THE SITE.
18. THE CODE ENFORCEMENT OFFICER ADMINISTERS THE CITY OF ROCHESTER SIGN ORDINANCE. SIGNAGE SUBMITTED AS PART OF THIS SITE PLAN PACKAGE IS STILL SUBJECT TO HIS REVIEW TO ENSURE COMPLIANCE WITH THAT ORDINANCE AND OTHER APPLICABLE CODES, INDEPENDENT FROM THIS SITE PLAN REVIEW. IN ADDITION, IF ANY SIGNIFICANT CHANGE OR EXPANSION IS PROPOSED TO THE DESIGN OF THE APPROVED FREESTANDING SIGN OR TO THE OVERALL ADVERTISING SIGNAGE FOR THE SITE (NOT INCLUDING ACCESSORY SIGNAGE, SUCH AS HANDICAP PARKING SIGNS), THE PROPOSED SIGN DESIGNS MUST BE PRESENTED TO THE PLANNING BOARD FOR REVIEW PRIOR TO ISSUANCE OF THOSE SIGN PERMITS. A SIGN PERMIT MUST BE OBTAINED PRIOR TO INSTALLATION OF ANY SIGNS ON SITE.
19. ALL ELEMENTS SHOWN ON THE APPROVED SITE PLAN MUST BE PROPERLY COMPLETED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, UNLESS APPROPRIATE SURETY IS PLACED WITH THE PLANNING DEPARTMENT.
20. NOTE THAT THIS APPROVAL IS FOR THE SITE PLAN ONLY. LIFE SAFETY CODE AND BUILDING CODE REVIEW WILL BE REQUIRED AS PART OF THE BUILDING PERMIT PROCESS WHEN THE CONSTRUCTION PLANS ARE SUBMITTED. VARIOUS REQUIREMENTS REGARDING THE BUILDING DESIGN POSSIBLY INCLUDING A SPRINKLER SYSTEM – MAY BE SPECIFIED AT THAT TIME.
21. ALL LOW BRUSH OR HANGING TREE BRANCHES SHALL BE TRIMMED AND REMOVED DURING CONSTRUCTION TO IMPROVE VISIBILITY OF THE PROPERTY IN THE WOODED AREA.

LINE TABLE

LINE	BEARINGS	DISTANCE
L1	S46°54'15"W	13.66'
L2	S41°52'48"W	13.36'
L3	N78°02'28"W	16.67'
L4	N41°52'48"W	13.66'

LOCATION MAP

TAX MAP 125, LOT 203
OWNER OF RECORD:
SERVICE CREDIT UNION
3003 LAFAYETTE ROAD
PORTSMOUTH, NH 03801
SCRD BOOK 4655, PAGE 153

OVERALL SITE PLAN
TAX MAP 125, LOT 203
83 SOUTH MAIN STREET
ROCHESTER, NH

PREPARED FOR:

SERVICE CREDIT UNION

FEBRUARY 2019

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 INCH= 20 FT.

FINAL APPROVAL BY
ROCHESTER PLANNING BOARD

CERTIFIED BY: _____ DATE: 3/3/20

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FILE NO. 317
PLAN NO. C-2963/SP-1
DWG. NO. 19024
F.B. NO.

31 Mooney Street, Alton, N.H. 603-875-3948

NORWAY PLAINS ASSOCIATES, INC.

2 Continental Blvd., Rochester, N.H. 603-335-3948

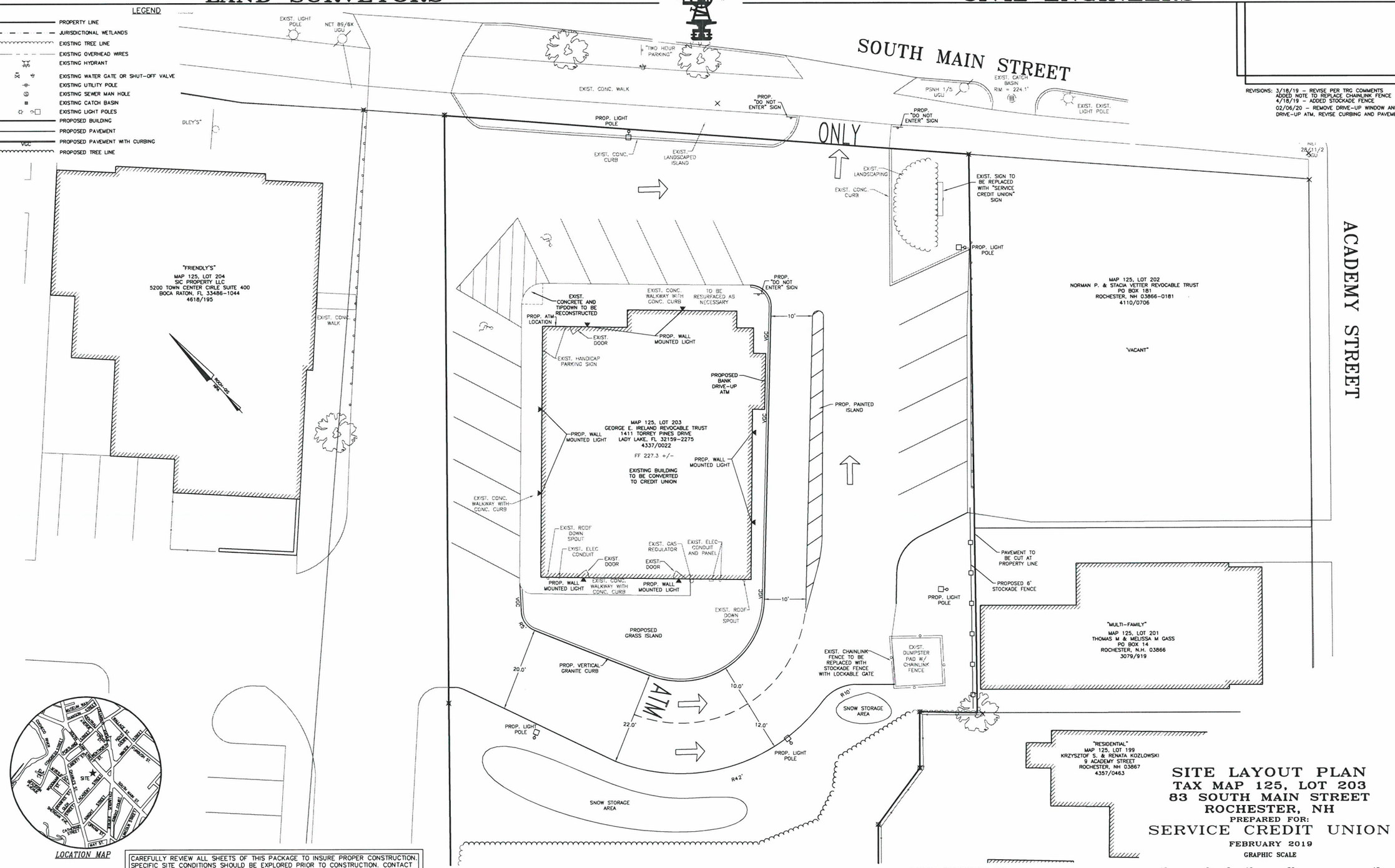
C-1

LAND SURVEYORS

CIVIL ENGINEERS

LEGEND

- PROPERTY LINE
- JURISDICTIONAL WETLANDS
- EXISTING TREE LINE
- EXISTING OVERHEAD WIRES
- EXISTING HYDRANT
- EXISTING WATER GATE OR SHUT-OFF VALVE
- EXISTING UTILITY POLE
- EXISTING SEWER MAN HOLE
- EXISTING CATCH BASIN
- EXISTING LIGHT POLES
- PROPOSED BUILDING
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT WITH CURBING
- PROPOSED TREE LINE



REVISIONS: 3/18/19 – REVISE PER TRG COMMENTS
ADDED NOTE TO REPLACE CHAINLINK FENCE
4/18/19 – ADDED STOCKADE FENCE
02/06/20 – REMOVE DRIVE-UP WINDOW AND ADD DRIVE-UP ATM, REVISE CURBING AND PAVEMENT

LOCATION MAP

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SITE LAYOUT PLAN
TAX MAP 125, LOT 203
83 SOUTH MAIN STREET
ROCHESTER, NH

PREPARED FOR:

SERVICE CREDIT UNION

FEBRUARY 2019

GRAPHIC SCALE

10 0 5 10 20 40

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31 Mooney Street, Alton, N.H. 603-875-3948

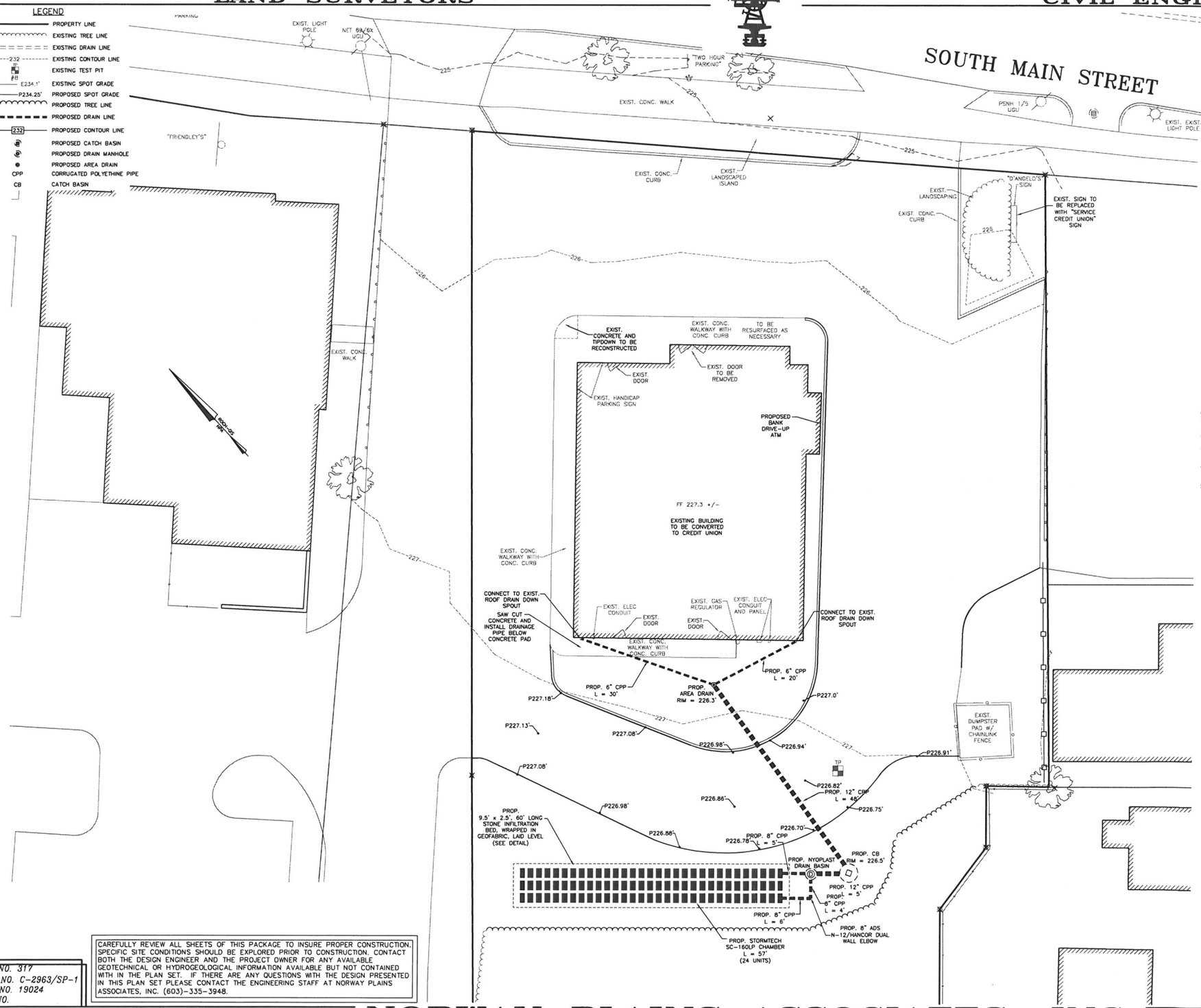
NORWAY PLAINS ASSOCIATES, INC.

2 Continental Blvd., Rochester, N.H. 603-335-3948

C-2

LAND SURVEYORS

CIVIL ENGINEERS



DIG SAFE
CALL TOLL FREE 1-888-344-7233
UTILITIES UNDERGROUND PLANT DAMAGE PREVENTION SYSTEM

STATE OF NEW HAMPSHIRE
SCOTT A. LAWLER
No.10026
LICENSED
PROFESSIONAL ENGINEER

02/06/20 - REMOVE DRIVE-UP WINDOW AND ADD DRIVE-UP ATM, REVISE CURBING AND PAVEMENT

CONSTRUCTION NOTES:

1.) CONTRACTOR SHALL NOTIFY DIG-SAFE (1-888 344-7233) 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
2.) ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AS SHOWN. THE CONTRACTOR SHALL VERIFY THEIR LOCATIONS AND ELEVATIONS.
3.) THESE PLAN SHOWS ONLY THOSE FEATURES THAT WERE VISUALLY APPARENT ON THE DATE OF THE SURVEY. THE ABSENCE OF SUBSURFACE STRUCTURES, UTILITIES, ETC. FROM THESE PLAN, BUT IN EXISTENCE IS NOT INTENDED OR IMPLIED.
4.) CONTRACTOR SHALL LOCATED EXISTING SERVICES AND COORDINATE WITH THE CITY OF ROCHESTER AND/OR THE PRIVATE UTILITY COMPANIES IF WORK IS NECESSARY TO THESE SERVICES.
5.) ALL DISTURBED LAWN AREAS SHALL BE RELOAMED WITH A MINIMUM OF 4" OF LOAM, SEEDED AND MULCHED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED.

PROP. AREA DRAIN
RIM = 226.3'
INV. IN = 224.7'
INV. IN = 224.7'
INV. OUT = 224.6'

PROP. CB
RIM = 226.5'
INV. IN = 223.6'
INV. OUT = 223.8' (WITH HOOD)
SUMP = 219.8'

PROP. NYLOPLAST DRAIN BASIN
RIM = 226.5'
INV. IN = 223.7'
INV. OUT (ISOLATOR ROW) = 223.7'
INV. OUT = 223.7'
TOP OF WEIR = 224.4'

GRADING & DRAINAGE PLAN
TAX MAP 125, LOT 203
83 SOUTH MAIN STREET
ROCHESTER, NH

PREPARED FOR:

SERVICE CREDIT UNION

FEBRUARY 2019

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
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FILE NO. 317
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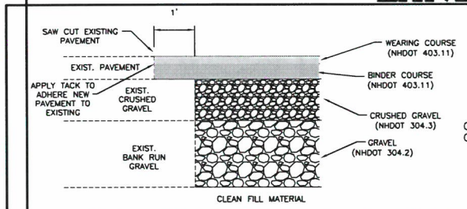
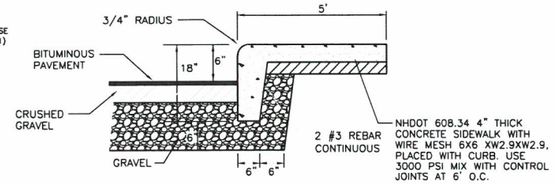


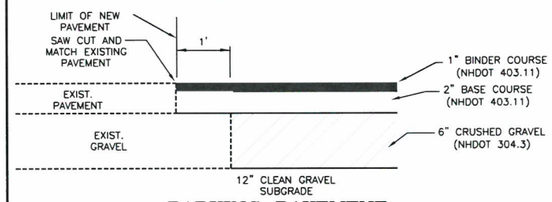
TYPICAL PAVEMENT MATCHING DETAIL

NOT TO SCALE



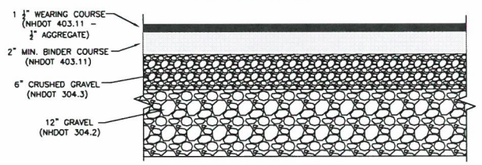
CONCRETE CURB & SIDEWALK DETAIL

NOT TO SCALE



PARKING PAVEMENT RECONSTRUCTION DETAIL

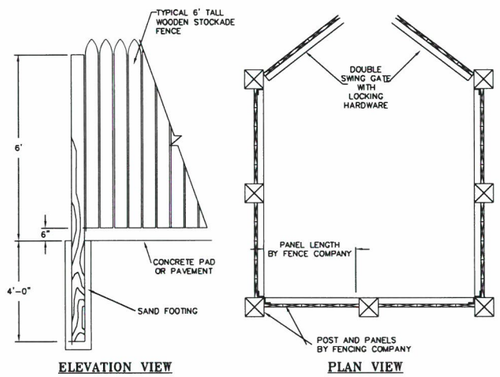
NOT TO SCALE



PARKING LOT CROSS-SECTIONS

NOT TO SCALE

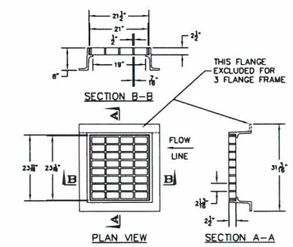
PAVEMENT NOTES:
1. PLACE COMMON FILL IN 12 INCH LIFTS. COMPACT COMMON FILL TO 95% MAXIMUM PROCTOR DENSITY.
2. PLACE GRAVEL IN MAXIMUM 8 INCH LIFTS. COMPACT TO 95% MAXIMUM PROCTOR DENSITY.
3. PLACE CRUSHED GRAVEL IN MAXIMUM 8 INCH LIFTS. COMPACT TO 95% MAXIMUM PROCTOR DENSITY.
4. PAVEMENT MUST BE INSTALLED IN TWO COURSES, A BINDER COURSE AND A WEARING COURSE.



DUMPSTER FENCE ENCLOSURE DETAIL

NOT TO SCALE

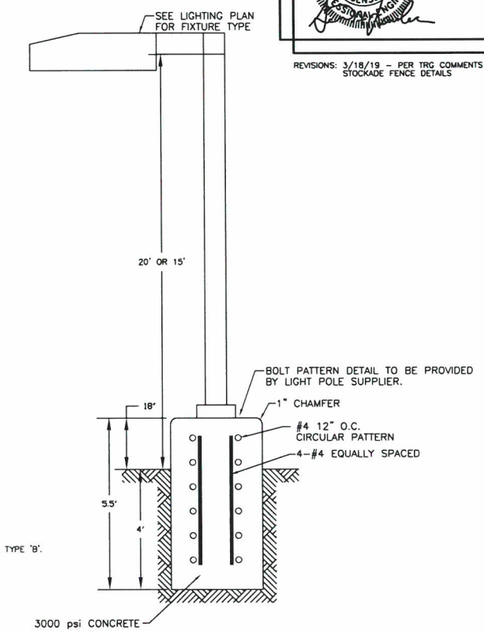
CONSTRUCTION NOTES:
1.) CONTRACTOR SHALL NOTIFY DIG-SAFE (1-888 344-7233) 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
2.) ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AS SHOWN. THE CONTRACTOR SHALL VERIFY THEIR LOCATIONS AND ELEVATIONS.
3.) THESE PLAN SHOWS ONLY THOSE FEATURES THAT WERE VISUALLY APPARENT ON THE DATE OF THE SURVEY. THE ABSENCE OF SUBSURFACE STRUCTURES, UTILITIES, ETC. FROM THESE PLAN, BUT IN EXISTENCE IS NOT INTENDED OR IMPLIED.
4.) CONTRACTOR SHALL LOCATED EXISTING SERVICES AND COORDINATE WITH THE CITY OF ROCHESTER AND/OR THE PRIVATE UTILITY COMPANIES IF WORK IS NECESSARY TO THESE SERVICES.
5.) ALL DISTURBED LAWN AREAS SHALL BE RELOAMED WITH A MINIMUM OF 4" OF LOAM, SEEDED AND MULCHED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED.



NOTES:
1. FRAME AND GRATE SHALL BE CAST IRON. FRAME AND GRATE SHALL BE NHDPW & H TYPE 'B'.
2. USE 3 FLANGE FRAME IF INSTALLED ADJACENT TO GRANITEE CURB.

CATCH BASIN TYPE 'B' FRAME AND GRATE DETAIL

NOT TO SCALE

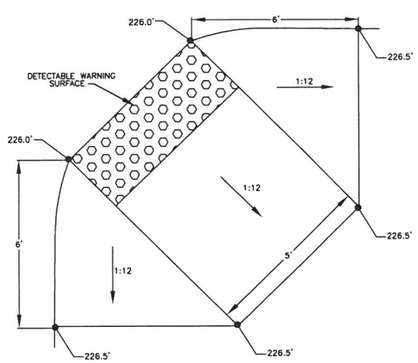


CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.

LIGHT POLE DETAIL

NOT TO SCALE

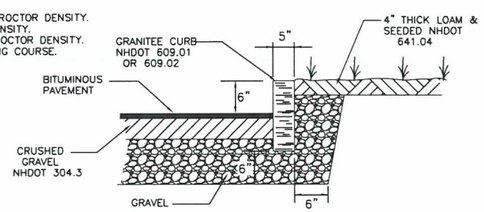
REVISIONS: 3/18/19 - PER TRG COMMENTS TO ADD STOCKADE FENCE DETAILS



TYPICAL CORNER RAMP DETAIL

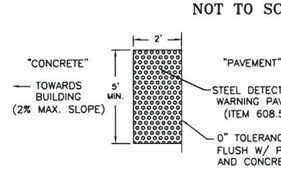
NOT TO SCALE

NOTES:
1. SPOT ELEVATIONS SHALL MATCH EXISTING GRADE.



GRANITEE VERTICAL CURB DETAIL

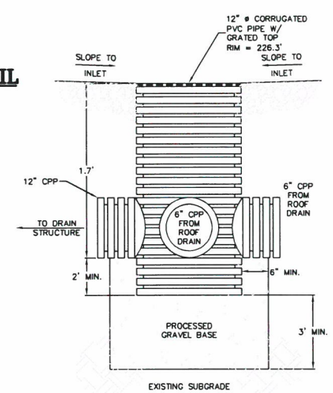
NOT TO SCALE



DETECTABLE WARNING PAVER DETAIL

NOT TO SCALE

DETECTABLE WARNING PAVER NOTES:
1. THE MAXIMUM CROSS OF CONCRETE WALKWAY SLOPE IS 2%. THE SLOPE OF THE LANDING SHALL NOT EXCEED 2% IN ANY DIRECTION.
2. TRANSITIONS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
3. DETECTABLE WARNING PAVERS (ITEM 608.54) SHALL BE USED ON CONCRETE RAMPS AS SHOWN. EACH TACTICAL WARNING STRIP PANEL SHALL A TRUNCATED DOMED SURFACE AT LEAST 2'-0" IN WIDTH, MEASURED FROM THE BACK OF THE CURB TIP DOWN, AND 5'-0" IN LENGTH MEASURE PERPENDICULAR T THE DIRECTION OF PEDESTRIAN TRAVEL.
4. ALL DETECTABLE WARNING PAVERS SHALL BE CAST IN PLACE ARMOR-TILE TACTILE SYSTEM, YELLOW IN COLOR, OR APPROVED EQUAL.



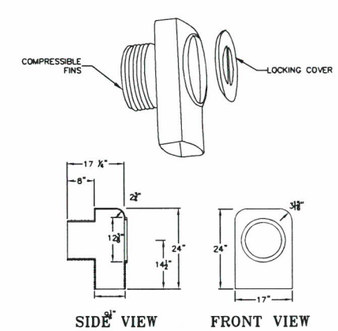
NOTES:
1. AREA DRAINS TO BE ADS PIPE TEE & RISER SECTIONS WITH GRATES, OR EQUAL.
2. AREA DRAINS SHALL BE SET ON 3 FT OF PROCESSED GRAVEL BASE, COMPACTED TO 95% PROCTOR DENSITY.
3. USE EITHER CLEAN GRANULAR FILL OR NHDOT CRUSHED GRAVEL FOR THE PROCESSED GRAVEL BASE (SEE C6).

AREA DRAIN DETAIL

NOT TO SCALE

C.B. DIA.	MAX. PIPE DIA.	
	RCP	CMP OR CPP
4'	24"	30"
5'	36"	42"
6'	42"	48"

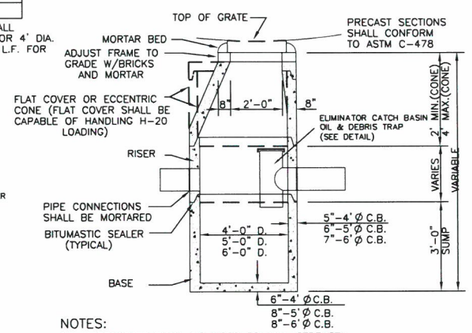
CIRCUMFERENTIAL REINF. SHALL BE 0.12 SQ. IN. PER L.F. FOR 4' DIA. C.B. AND 0.15 SQ. IN. PER L.F. FOR 5' DIA. C.B.



ELIMINATOR CATCH BASIN OIL AND DEBRIS TRAP DETAIL

NOT TO SCALE

NOTES:
1. HOOD SHALL BE "THE ELIMINATOR" OIL & FLOATING DEBRIS TRAP AS MANUFACTURED BY GROUND WATER RESCUE, INC., QUINCY, MA., TEL. 617-773-1128 ON THE WEB @ WWW.KLEANSTREAM.COM
2. AVAILABLE IN 8", 10", 12", 15" AND 18" DIAMETERS.



NOTES:
1. CONCRETE SHALL BE 4,000 PSI MIN. STRENGTH
2. RISER HEIGHT VARIES 1',2',3' OR 4' TO REACH DESIRED DEPTH
3. CATCH BASIN RIMS SHALL ONLY BE ADJUSTED TO GRADE WITH BRICK AND MORTAR TO A HEIGHT OF 12". HEIGHTS GREATER THAN 12" SHALL BE ADJUSTED USING A PRECAST CONCRETE RING OR A COMBINATION OF A PRECAST RING AND BRICK AND MORTAR.

PRE-CAST REINFORCED CATCH BASIN WITH HOODED OUTLET

NOT TO SCALE

CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION. SPECIFIC SITE CONDITIONS SHOULD BE EXPLORED PRIOR TO CONSTRUCTION. CONTACT BOTH THE DESIGN ENGINEER AND THE PROJECT OWNER FOR ANY AVAILABLE GEOTECHNICAL OR HYDROGEOLOGICAL INFORMATION AVAILABLE BUT NOT CONTAINED WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE DESIGN PRESENTED IN THIS PLAN SET PLEASE CONTACT THE ENGINEERING STAFF AT NORWAY PLAINS ASSOCIATES, INC. (603)-335-3948.

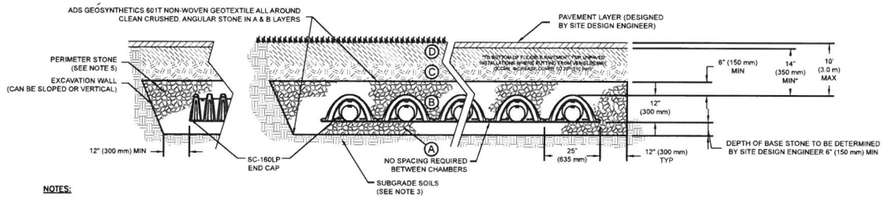
CONSTRUCTION DETAILS
TAX MAP 125, LOT 203
83 SOUTH MAIN STREET
ROCHESTER, NH
PREPARED FOR:
SERVICE CREDIT UNION
FEBRUARY 2019

FILE NO. 317
PLAN NO. C-2963/SP-1
DWG. NO. 19024
F.B. NO.

ACCEPTABLE FILL MATERIALS: STORMTECH SC-160LP CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 14" (355 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER	57, 6, 67, 68, 7, 78, 8, 89, 9, 10	ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[3] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[3] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. [2]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



NOTES:
1. SC-160LP CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.

STORMTECH CHAMBER SPECIFICATIONS
1. CHAMBERS SHALL BE STORMTECH SC-160LP OR APPROVED EQUAL.
2. CHAMBERS SHALL BE MANUFACTURED FROM VIRGIN POLYPROPYLENE.
3. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORT PANELS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
4. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
5. CHAMBERS SHALL MEET THE MATERIAL REQUIREMENTS IN ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". (NOTE: THE SC160LP CHAMBER CLASSIFICATION HAS NOT YET BEEN ADDED TO THE ASTM F2418 STANDARD).
6. CHAMBERS SHALL BE DESIGNED AND ALLOWABLE LOADS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
7. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. THE CHAMBER MANUFACTURER SHALL SUBMIT THE FOLLOWING UPON REQUEST TO THE SITE DESIGN ENGINEER FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE:
   a. A STRUCTURAL EVALUATION THAT DEMONSTRATES THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY AASHTO FOR THERMOPLASTIC PIPE.
   b. STRUCTURAL CROSS SECTION DETAIL ON WHICH THE STRUCTURAL EVALUATION IS BASED.
8. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-160LP SYSTEM
1. STORMTECH SC-160LP CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH SC-106LP CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-160LP CONSTRUCTION GUIDE".
3. FOUNDATION STONE AND EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE; AASHTO M43 [3].357, 4, 467, 5, 56, OR 57.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. THE DEPTH OF FOUNDATION STONE SHALL BE DETERMINED BASED ON THE SUBGRADE BEARING CAPACITY PROVIDED BY THE SITE DESIGN ENGINEER.
6. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES CONCERNING CHAMBER FOUNDATION DESIGN AND SUBGRADE BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
7. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
8. CHAMBERS SHALL BE INSTALLED "TOE TO TOE". NO ADDITIONAL SPACING BETWEEN ROWS IS REQUIRED.
9. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
   - STONESHOOTER LOCATED OFF THE CHAMBER BED.
   - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
   - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
10. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT
1. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-160LP CHAMBERS IS LIMITED:
   - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
   - NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-160LP CONSTRUCTION GUIDE".
   - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-106LP CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

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FILE NO. 317
PLAN NO. C-2963/SP-1
DWG. NO. 19024
F.B. NO.

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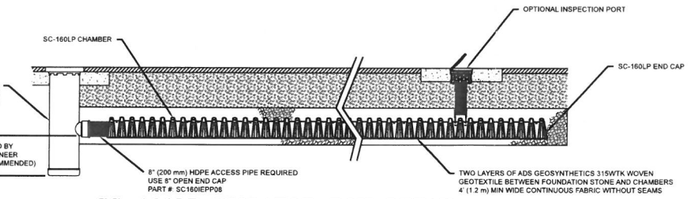
ADS ADVANCED DRAINAGE SYSTEMS, INC.

SiteASSIST FOR STORMTECH INSTRUCTIONS. DOWNLOAD THE INSTALLATION APP

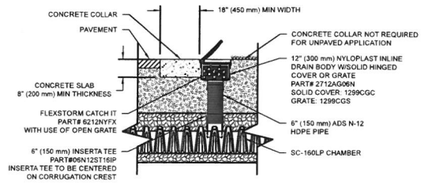
STATE OF NEW HAMPSHIRE SCOTT A. LAWLER No.10026 LICENSED PROFESSIONAL ENGINEER



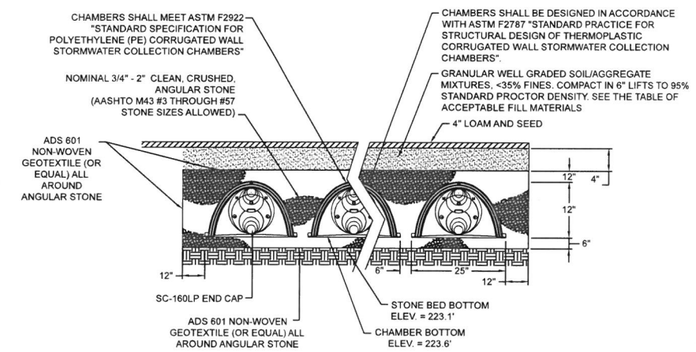
SC-160LP ISOLATOR ROW DETAIL
NOT TO SCALE

INSPECTION & MAINTENANCE
STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
   A. INSPECTION PORTS (IF PRESENT)
      A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
      A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
      A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
      A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
      A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
   B. ALL ISOLATOR ROWS
      B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
      B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
      B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
   A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
   B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
   C. VACUUM STRUCTURE SUMP AS REQUIRED
STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

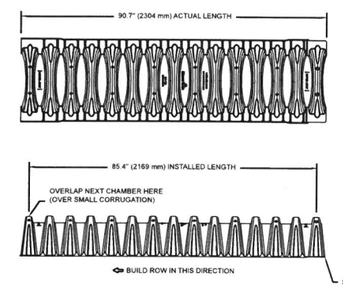
NOTES
1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

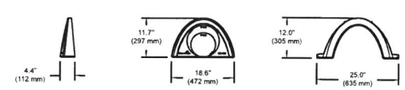


SC-160LP 6" INSPECTION PORT DETAIL
NOT TO SCALE



STORMTECH SC-160LP CROSS SECTION DETAIL
NOT TO SCALE





NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	35.0" X 12.0" X 85.4"	(635 mm X 305 mm X 2169 mm)
CHAMBER STORAGE	6.85 CU.FEET	(0.19 m³)
MINIMUM INSTALLED STORAGE*	15.0 CU.FEET	(0.42 m³)
WEIGHT	24.0 lbs.	(10.9 kg)

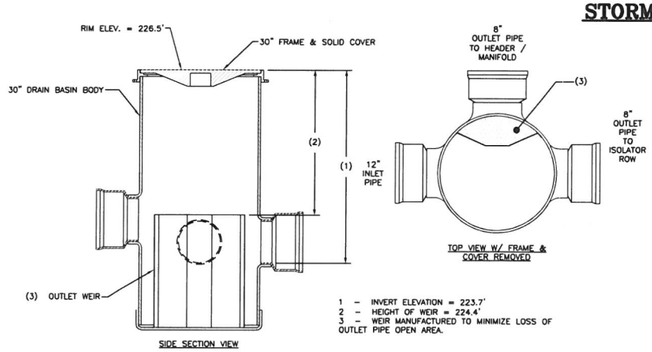
*ASSUMES 6" (152 mm) ABOVE, 4" (100 mm) BELOW, AND STONE BETWEEN CHAMBERS WITH 40% STONE POROSITY.

PART #	STUB	A
SC160IEPP	6" (150 mm)	0.66" (16 mm)
	8" (200 mm)	0.80" (20 mm)
SC160IEPP08	8" (200 mm)	0.96" (24 mm)

ALL STUBS ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

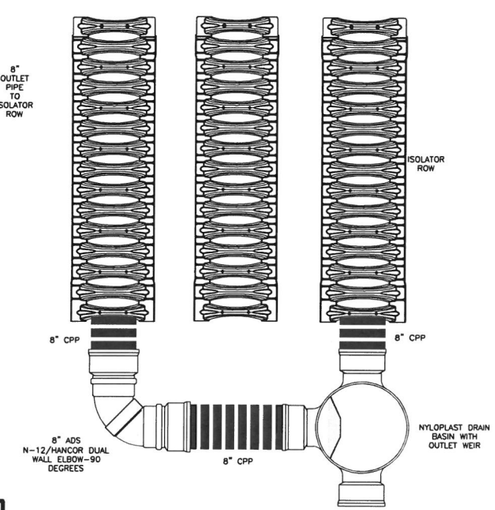
NOTE: ALL DIMENSIONS ARE NOMINAL.

SC-160LP CHAMBER DETAIL
NOT TO SCALE



1 - INVERT ELEVATION = 223.7'
2 - HEIGHT OF WEIR = 224.4'
3 - WEIR MANUFACTURED TO MINIMIZE LOSS OF OUTLET PIPE OPEN AREA.

NYLOPLAST DRAIN BASIN WITH OUTLET WEIR
NOT TO SCALE



CONNECTION DETAIL
NOT TO SCALE

STORMTECH DRAINAGE DETAILS
TAX MAP 125, LOT 203
83 SOUTH MAIN STREET
ROCHESTER, NH
PREPARED FOR:
SERVICE CREDIT UNION
FEBRUARY 2019

LAND SURVEYORS

CIVIL ENGINEERS

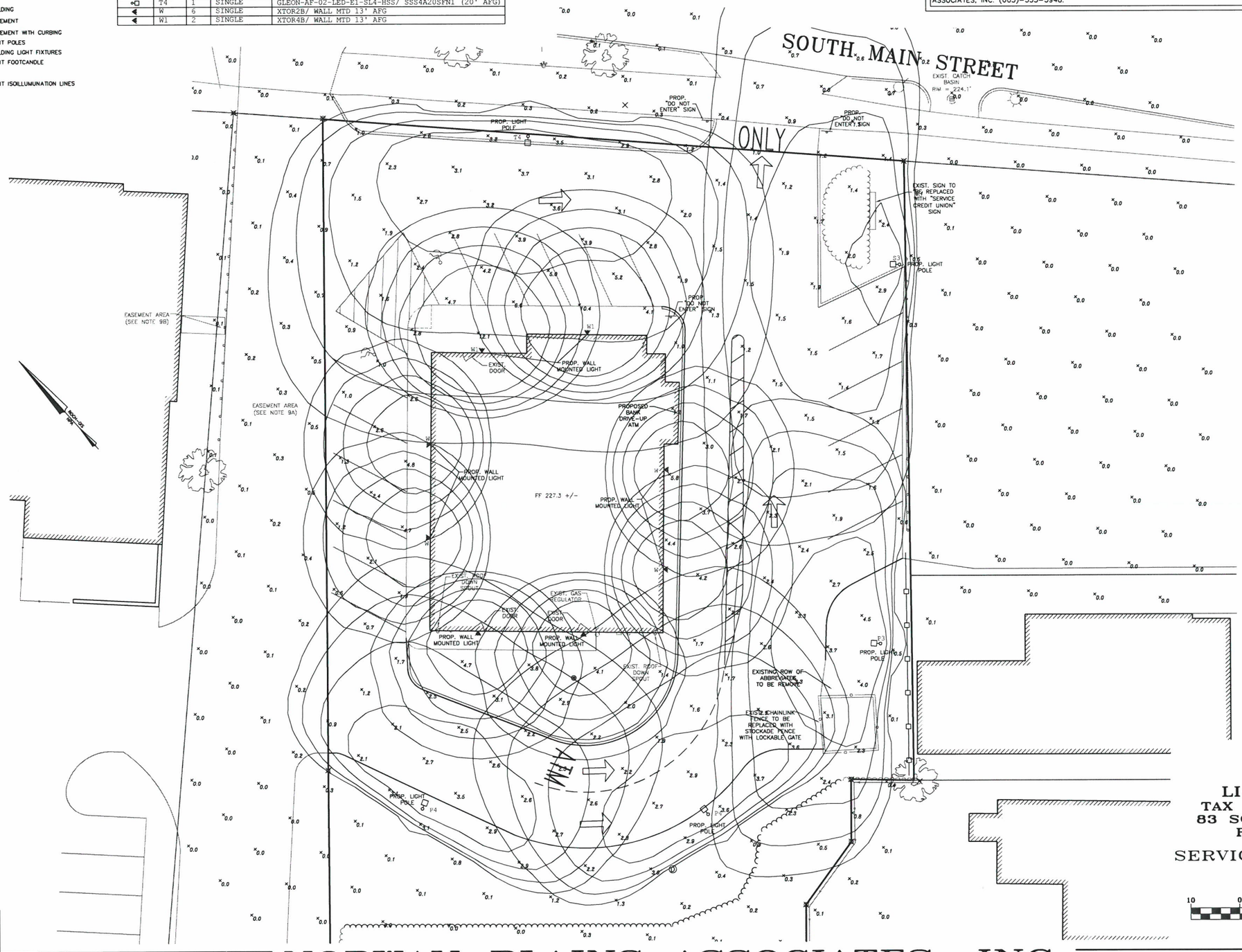
CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION. SPECIFIC SITE CONDITIONS SHOULD BE EXPLORED PRIOR TO CONSTRUCTION. CONTACT BOTH THE DESIGN ENGINEER AND THE PROJECT OWNER FOR ANY AVAILABLE GEOTECHNICAL OR HYDROGEOLOGICAL INFORMATION AVAILABLE BUT NOT CONTAINED WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE DESIGN PRESENTED IN THIS PLAN SET PLEASE CONTACT THE ENGINEERING STAFF AT NORWAY PLAINS ASSOCIATES, INC. (603)-335-3948.

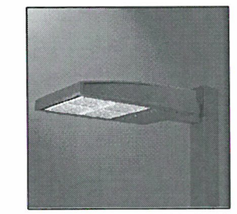
LEGEND

- PROPERTY LINE
- JURISDICTIONAL WETLANDS
- EXISTING OVERHEAD WIRES
- EXISTING LIGHT POLES
- PROPOSED BUILDING
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT WITH CURBING
- PROPOSED LIGHT POLES
- PROPOSED BUILDING LIGHT FIXTURES
- 4.2 PROPOSED LIGHT FOOTCANDLE
- PROPOSED LIGHT ISOILLUMUNATION LINES

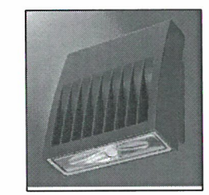
Luminaire Schedule

Symbol	Label	Qty	Arrangement	Description
	P3	1	SINGLE	GLEON-AF-01-LED-E1-SL3-HSS/ SSS4A15SFN1 (15' AFG)
	P4	2	SINGLE	GLEON-AF-01-LED-E1-SL4-HSS/ SSS4A15SFN1 (15' AFG)
	S3	1	SINGLE	GLEON-AF-01-LED-E1-SL3-HSS/ SSS4A20SFN1 (20' AFG)
	T4	1	SINGLE	GLEON-AF-02-LED-E1-SL4-HSS/ SSS4A20SFN1 (20' AFG)
	W	6	SINGLE	XTOR2B/ WALL MTD 13' AFG
	W1	2	SINGLE	XTOR4B/ WALL MTD 13' AFG





GLEON GALLEON LED
BY EATON LIGHTING
POLE MOUNTED FIXTURE



XTOR CROSSTOUR LED
BY LUMARK
WALL MOUNTED FIXTURE

CHARRON — THE SOURCE FOR ALL THINGS L.E.D.

LIGHTING PLAN
TAX MAP 125, LOT 203
83 SOUTH MAIN STREET
ROCHESTER, NH

PREPARED FOR:

SERVICE CREDIT UNION

FEBRUARY 2019

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 INCH = 10 FEET

FILE NO. 317
PLAN NO. C-2963/SP-1
DWG. NO. 19024
F.B. NO.

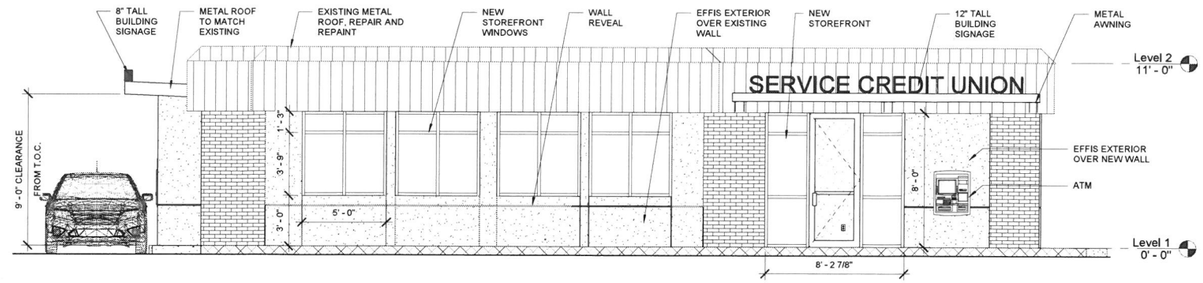
31 Mooney Street, Alton, N.H. 603-875-3948

NORWAY PLAINS ASSOCIATES, INC.

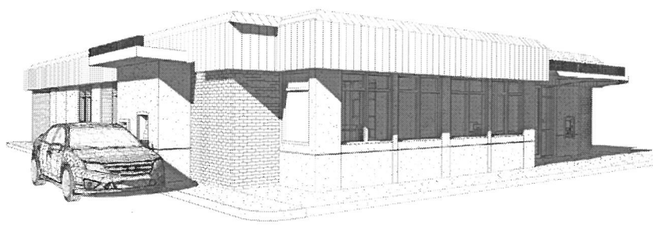
2 Continental Blvd., Rochester, N.H. 603-335-3948

L-1

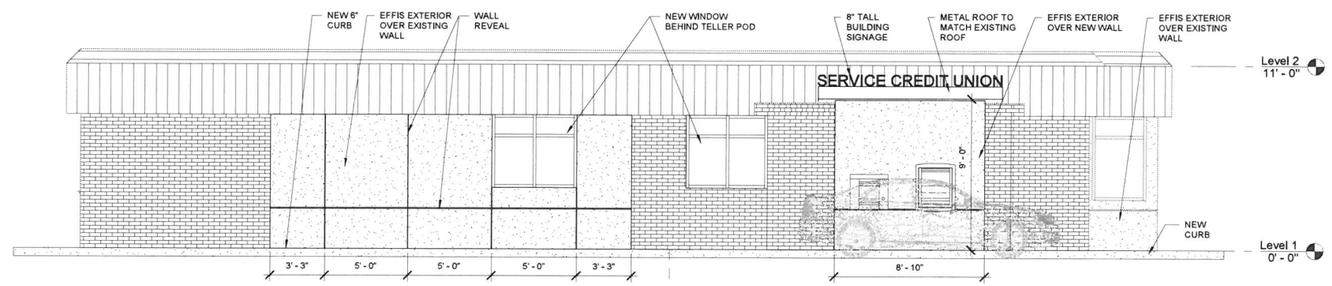
5 NORTHWEST VIEW



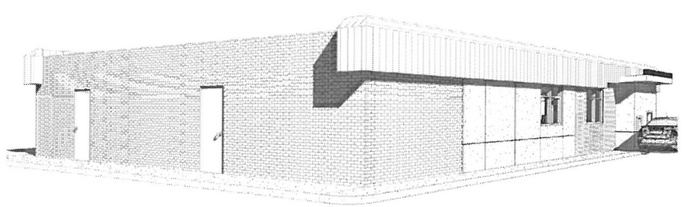
1 EXTERIOR NORTH ELEVATION
1/4" = 1'-0"



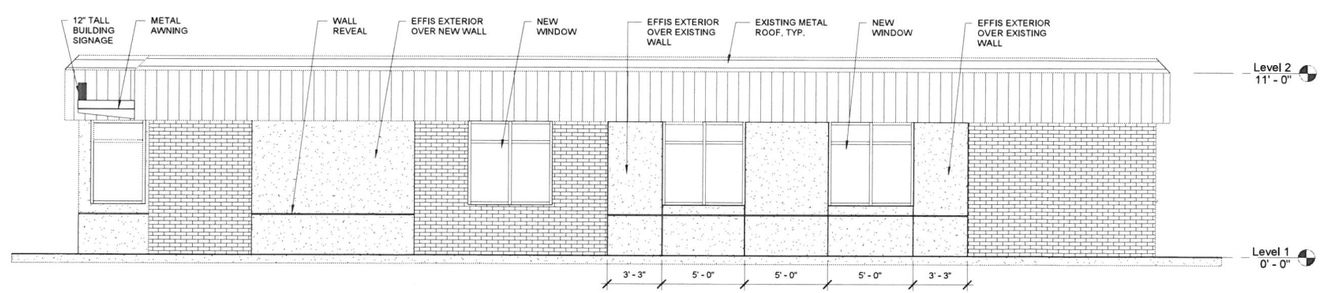
6 NORTHEAST VIEW



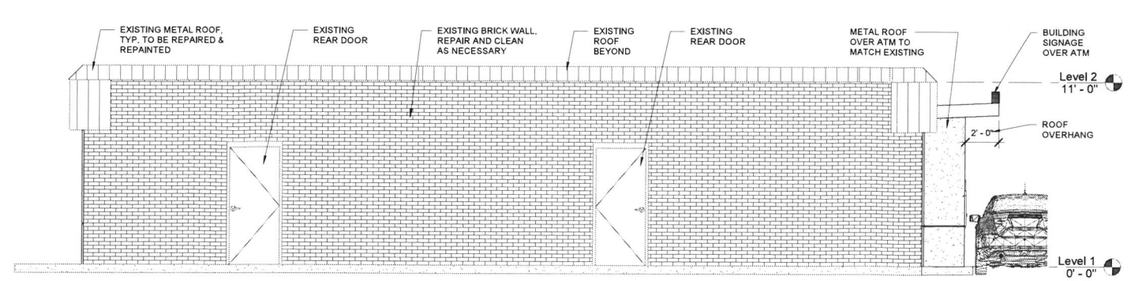
2 EXTERIOR EAST ELEVATION
1/4" = 1'-0"



7 SOUTHEAST VIEW



3 EXTERIOR WEST ELEVATION
1/4" = 1'-0"



4 EXTERIOR SOUTH ELEVATION
1/4" = 1'-0"

DRL ArchitectsPC
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781-331-8541
www.drlarchitects.com

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NESGroup
905 South Main Street
Building B, Suite 201
Mansfield, MA 02048
508.339-6006
www.nes-group.com
· Design & Project Consultant
· Project Management

No.	Description	Date

SERVICE CREDIT UNION ★★★★★
83 South Main Street
Rochester, NH 03867

New Branch

Exterior Elevations

Project Number	19063
Project Status	PRELIMINARY
Date	02-04-2020
Drawn By	LBD
Checked By	TC

A-3.1

Scale 1/4" = 1'-0"

DO NOT SCALE DRAWING. USE DIMENSIONS SHOWN. VERIFY ALL DIMENSIONS ON SITE.