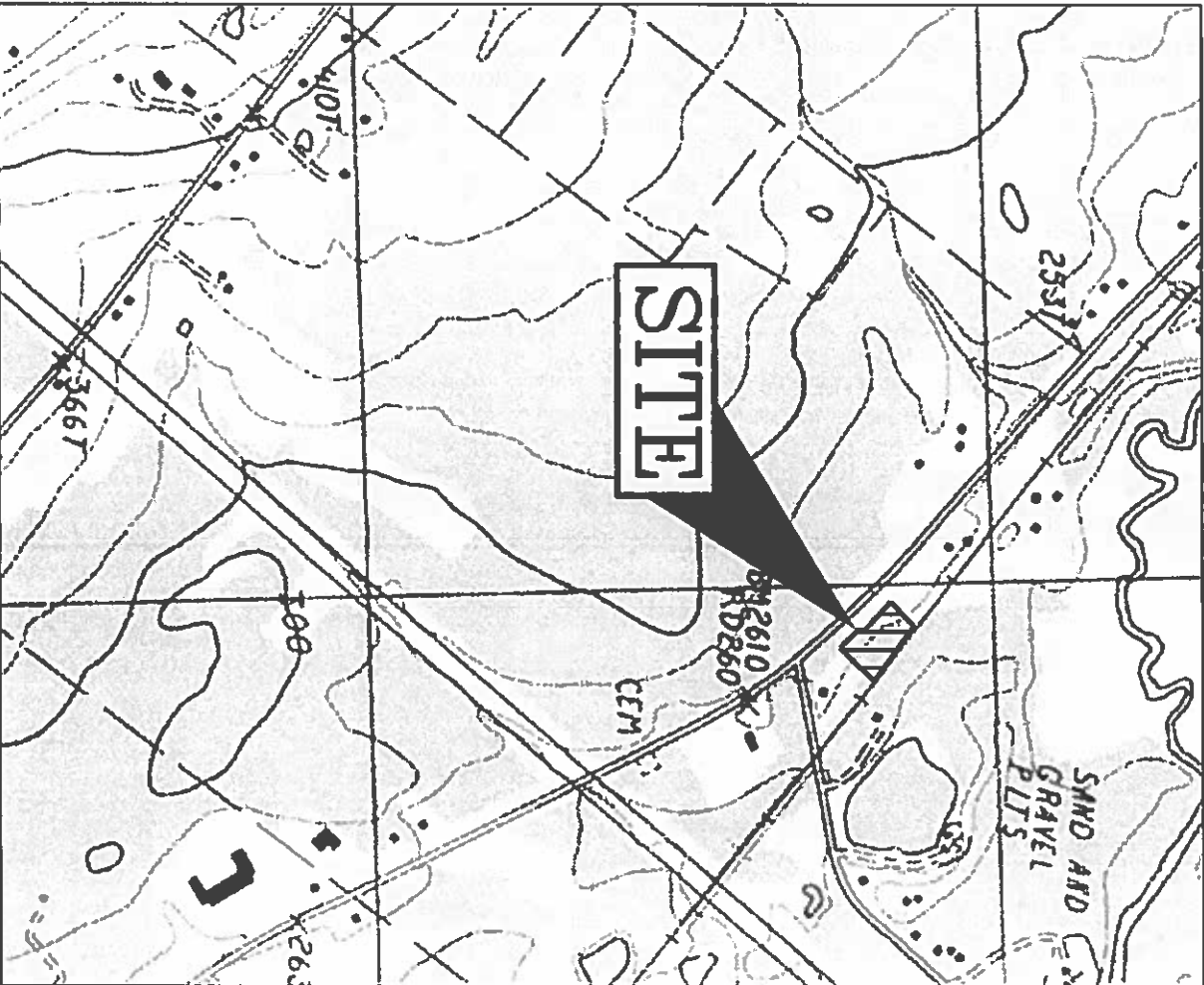


PROPOSED COMMERCIAL DEVELOPMENT
105 FARMINGTON ROAD (ROUTE 11)
ROCHESTER, NEW HAMPSHIRE
SITE PLANS

SEPTEMBER 8, 2015

LAST REVISED: JANUARY 14, 2016

SHEET	TITLE	REVISED
1 of 1	EXISTING CONDITIONS PLAN	5/1/2015
C-1	EXISTING CONDITIONS AND DEMOLITION PLAN	9/21/2015
C-2	SITE PLAN	9/21/2015
C-3	GRADING, DRAINAGE, AND EROSION CONTROL PLAN	9/21/2015
C-4	UTILITIES PLAN	9/21/2015
C-5	LANDSCAPE PLAN	9/21/2015
C-6	EROSION CONTROL NOTES AND DETAILS SHEET	9/8/2015
C-7	DETAILS SHEET	9/8/2015
C-8	DETAILS SHEET	9/8/2015
C-9	DETAILS SHEET	9/8/2015
C-10	DETAILS SHEET	9/21/2015
C-11	DETAILS SHEET	1/14/2016
C-12	DETAILS SHEET	9/8/2015
C-13	TRUCK TURNING PLAN	9/21/2015
C-14	PHOTOMETRIC PLAN	9/21/2015



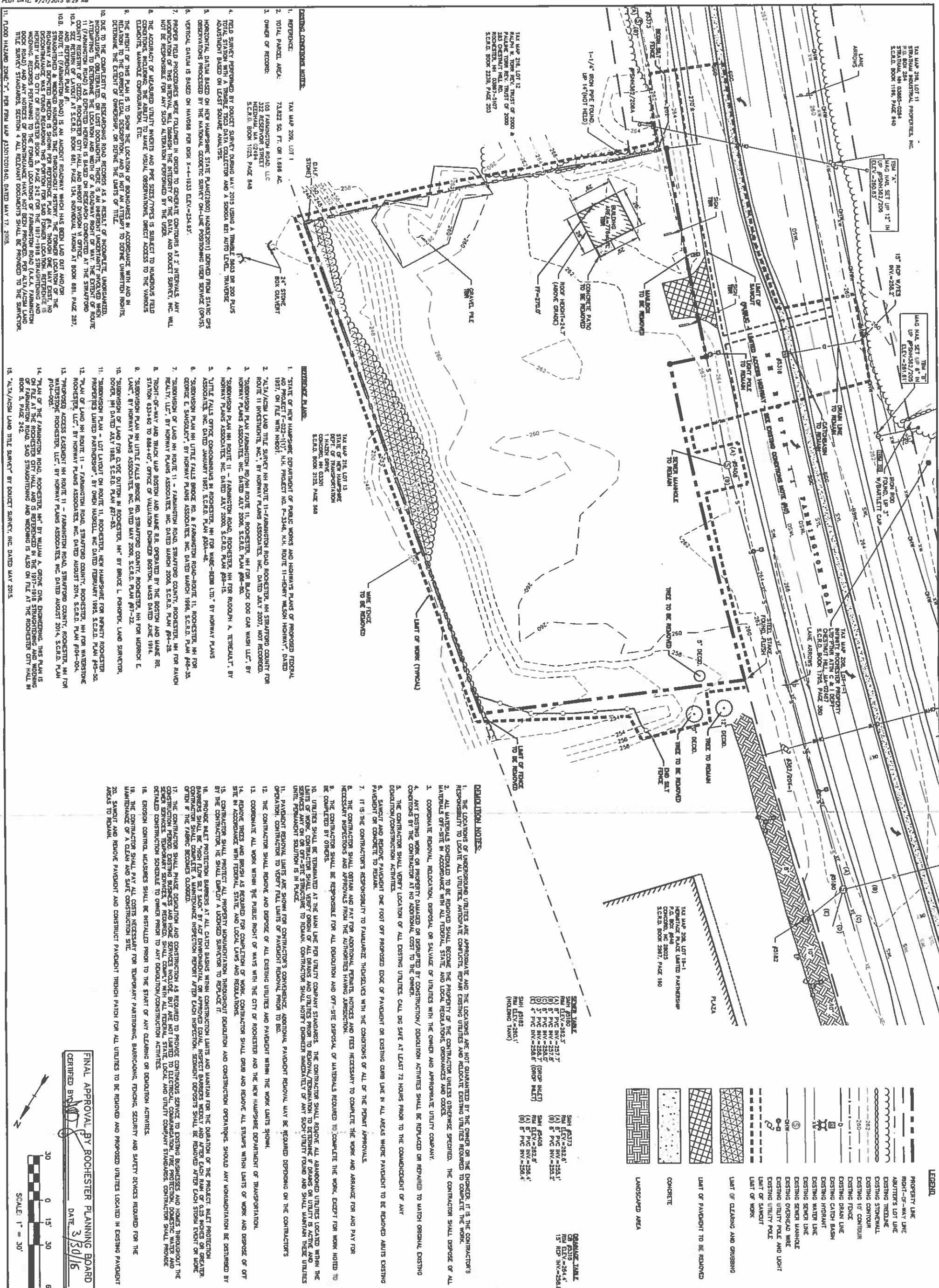
Owner/Applicant: 105 Farmington, LLC
322 Reservoir Street
Needham, MA 02494

Prepared By: **Tighe & Bond**
Consulting Engineers
177 Corporate Drive
Portsmouth, NH 03801

FINAL APPROVAL BY ROCHESTER PLANNING BOARD
CERTIFIED BY: *[Signature]* Chief Planner DATE 3/30/16

PERMIT	APPROVAL #
NHDES WASTEWATER CONNECTION	D2016-0204
NHDOT DRIVEWAY	PENDING





**Proposed
Commercial
Development**
105 Farmington
Road
(Route 11)

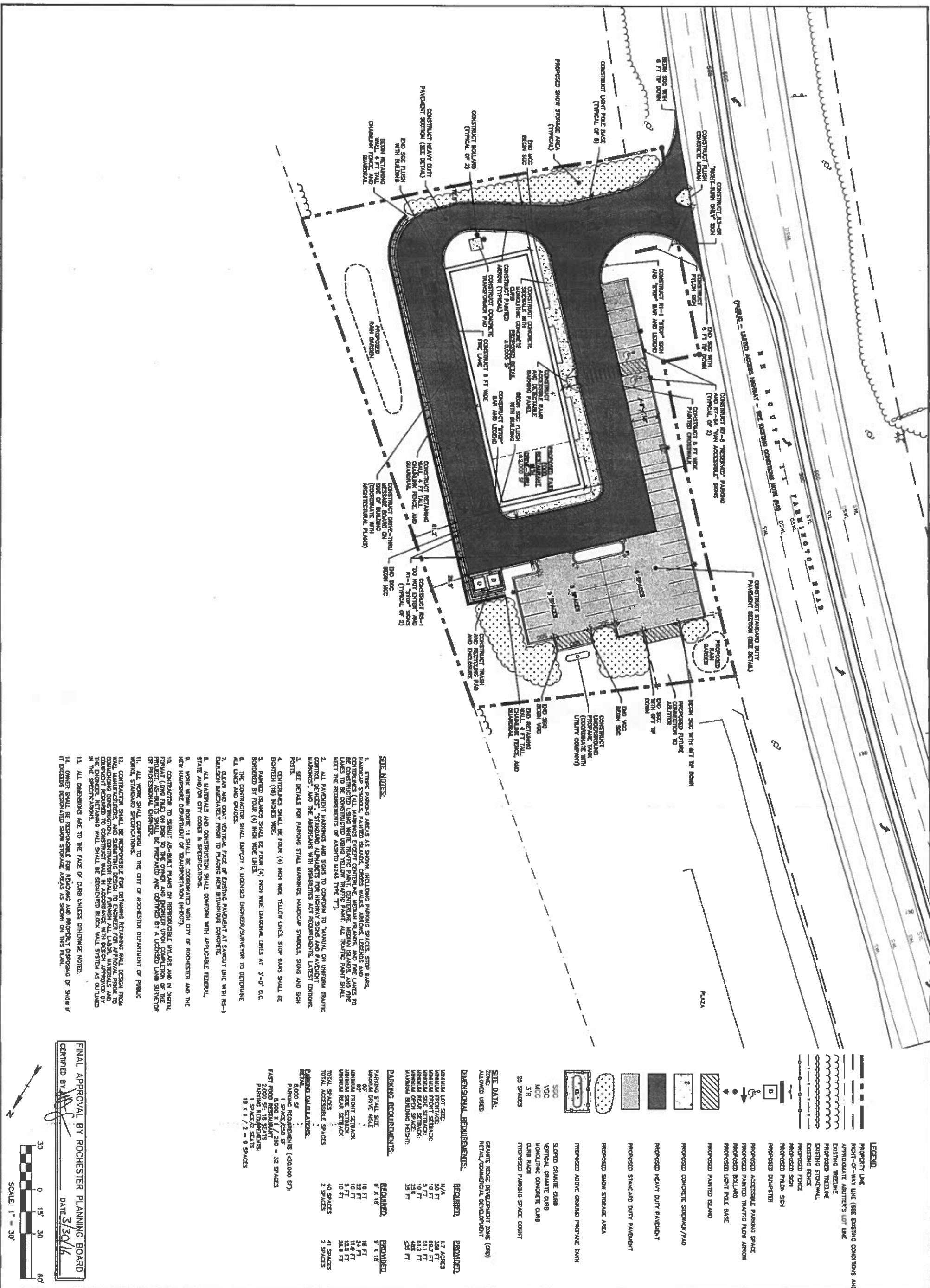
Rochester, NH

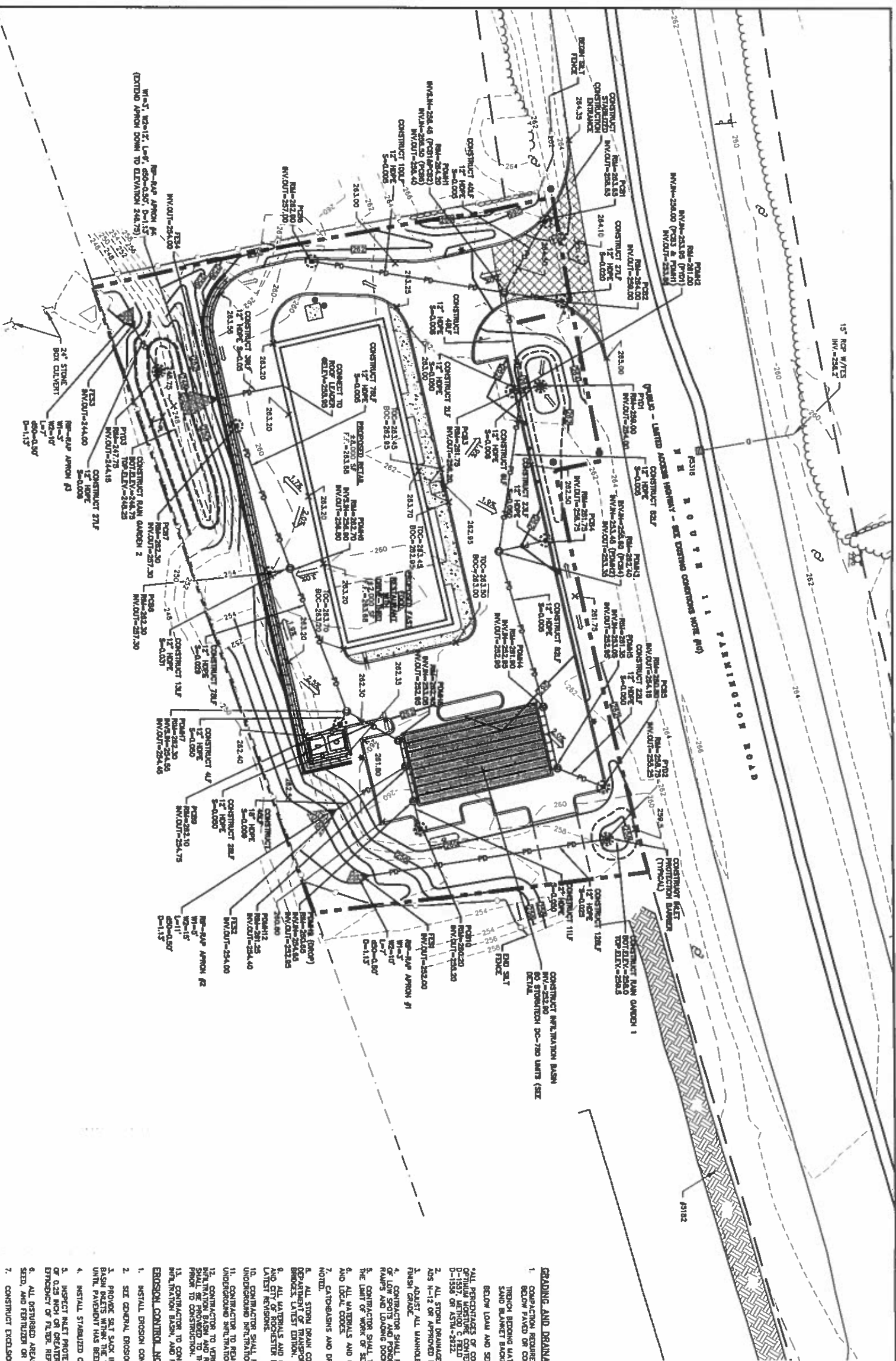
1	W2115	Reviewed per T113 Comments
Mark	Date	Description
PROJECT NO: W-2115		
FILE: W2115-C-SITE.dwg		
DATE: September 8, 2015		

EXISTING CONDITIONS AND

AS SHOWN

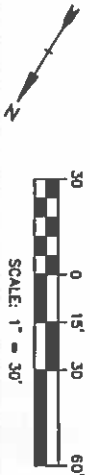
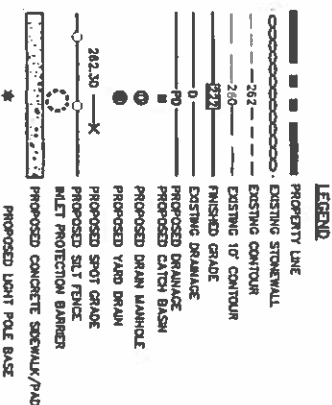
C-1





FINAL APPROVAL BY ROCHESTER PLANNING BOARD
 CERTIFIED BY AND S DATE 3/30/16

- LOADING AND DRAINAGE NOTES:**
- | | |
|------------------------------|-----|
| 1. CONSTRUCTION REQUIREMENTS | 936 |
| BELT PAVED OR CONCRETE AREAS | |
| THROUGH BEDDING MATERIAL AND | |
| SAND BLANKET MATERIAL | 938 |
| BELOW LOAM AND SEED AREAS | |
| | 908 |
- ALL PERCENTAGES OF COMPACTION SHALL BE OF THE WAREHOUS DRY DENSITY AT RE MOISTURE CONTENTS AND NOT THE FIELD DENSITY. ALL COMPACTIONS WITH ASTM D-1557 METHOD C FIELD DENSITY TESTS SHALL BE MADE IN ACCORDANCE WITH ASTM D-1556 OR ASTM D-2922.
2. ALL STROUD BARRIER PAPERS SHALL BE HIGH DENSITY POLYETHYLENE (HMDPE H-H-Q, LOS N-12 OR APPROVED EQUIVA) OR ROP CLASS IV, UNLESS OTHERWISE SPECIFIED.
3. ADJUST ALL MANHOLES, CATCHBASINS, CURB BOIES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
4. CONTRACTOR SHALL PROVIDE A THICKENED PARAPET SURFACE AND LAWN AREAS FREE OF LOW SPOTS AND POCKING AREAS. CRITICAL AREAS INCLUDING BUILDING ENTRANCES, DRIVEWAYS AND LOADING DOCK AREAS ADJACENT TO THE BUILDING.
5. CONTRACTORS SHALL THOROUGHLY CLEAN ALL CATCHBASINS AND DRAIN LINES WITHIN THE LIMIT OF WORK OF DEBRIS IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
6. ALL UTILITIES AND CONSTRUCTION SHALL CONFORM WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
7. CATCHBASINS AND DRAIN MANHOLES SHALL BE 4 FT IN DIAMETER UNLESS OTHERWISE NOTED.
8. ALL STROUD PAVER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (HDOT) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, LATEST EDITION.
9. ALL UTILITIES AND CONSTRUCTION SHALL CONFORM WITH APPLICABLE FEDERAL, STATE, AND CITY OF ROCHESTER DEPARTMENT OF PUBLIC WORKS AND CONSTRUCTION SPECIFICATIONS, LATEST VERSIONS.
10. CONTRACTORS SHALL REMOVE ALL EXCESS MATERIAL AND LOAM BREAKER THE UNDERGROUND INFILTRATION BASIN AND MAIN GARDENS.
11. CONTRACTOR TO REMOVE ALL MATERIALS DOWN TO NATIVE EARTH WITHIN THE BUILDING, UNDERGROUND INFILTRATION BASIN, AND MAIN GARDEN FOOTPRINTS.
12. CONTRACTORS TO VERIFY INFILTRATION RATE OF SOALS BEFORE THE UNDERGROUND INFILTRATION BASIN AND MAIN GARDENS PRIOR TO BACKFILLING. INFILTRATION TEST RESULTS SHALL BE PROVIDED TO THE ROCHESTER, NH PLANNING AND PUBLIC WORKS DEPARTMENTS PRIOR TO CONSTRUCTION.
13. CONTRACTOR TO CONTACT ENGINEER PRIOR TO BACKFILLING BUILDING, UNDERGROUND INFILTRATION BASIN, AND MAIN GARDEN.
- EROSION CONTROL NOTES:**
1. INSTALL EROSION CONTROL BARRIERS AS SHOWN AS FIRST ORDER OF WORK.
 2. SEE GENERAL EROSION CONTROL NOTES ON EROSION CONTROL NOTES SHEET.
 3. PROVIDE SILT SOCK INLET PROTECTION WITHIN ALL EXISTING AND PROPOSED CATCH BASIN RALETS WITHIN 10' OF EACH MANHOLE. MAINTAIN FOR THE DURATION OF THE PROJECT UNTIL PERMANENT HAS BEEN INSTALLED.
 4. INSTALL STABILIZED CONSTRUCTION DISTURBANCES/ENTS.
 5. IMPROVE SLIT PROTECTION AND SILT SOCKS WEEKLY AND AFTER EACH RAIN STORM OF 0.25 INCH OR GREATER. REPAIR/AUGMENT PROTECTION AS NECESSARY TO MAINTAIN EFFICIENCY OF FILTER. REPLACE ALL FILTERS WHEN SEDIMENT IS 1/2 THE FILTER HEIGHT.
 6. ALL DISTURBED AREAS NOT OTHERWISE BEING TREATED SHALL RECEIVE 4" LOAM, SEED, AND FERTILIZER ON 3" PERMANENT MULCH AND SEED.
 7. CONSTRUCT EROSION CONTROL MAT ON ALL SLOPES STEEPER THAN 3:1.
 8. PRIOR TO ANY WORK OR SOIL DESTROYING COMMENCING ON THE SUBJECT PROPERTY, INCLUDING MOVING OF EARTH, THE PROPERTY SHALL INSTALL ALL EROSION PREVENTION MEASURES AND CONTROL MEASURES AS REQUIRED BY STATE AND LOCAL PERMITS AND APPROVALS.
 9. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE CONSTRUCTION PROCESS AND TAKE APPROPRIATE ACTION IF NECESSARY BUT NOT LIMITED TO, SPRINKLING WATER ON UNSTABLE SOILS SUBJECT TO AERO CONDITIONS.
 10. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF CONSTRUCTION.
 11. TEMPORARY SOIL STOCKPILE SHALL BE SURROUNDED BY SILT SOCK AND SHALL BE STABILIZED BY TEMPORARY EROSION CONTROL, SEEDING, STOCKPILE AREAS TO BE LOCATED AS FAR AS POSSIBLE FROM THE DELINEATED EDGE OF WETLAND.
 12. SAFETY FENCING SHALL BE PROVIDED AROUND STOCKPILES OVER 10 FT.
- GENERAL REMARKS TABLE**
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| NO. 1 | DATE | DESCRIPTION |
| 01 | 01/15/2024 | REVISED PER COMMENTS |
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**Proposed
Commercial
Development**
105 Farmington
Road
(Route 11)
Rochester, NH

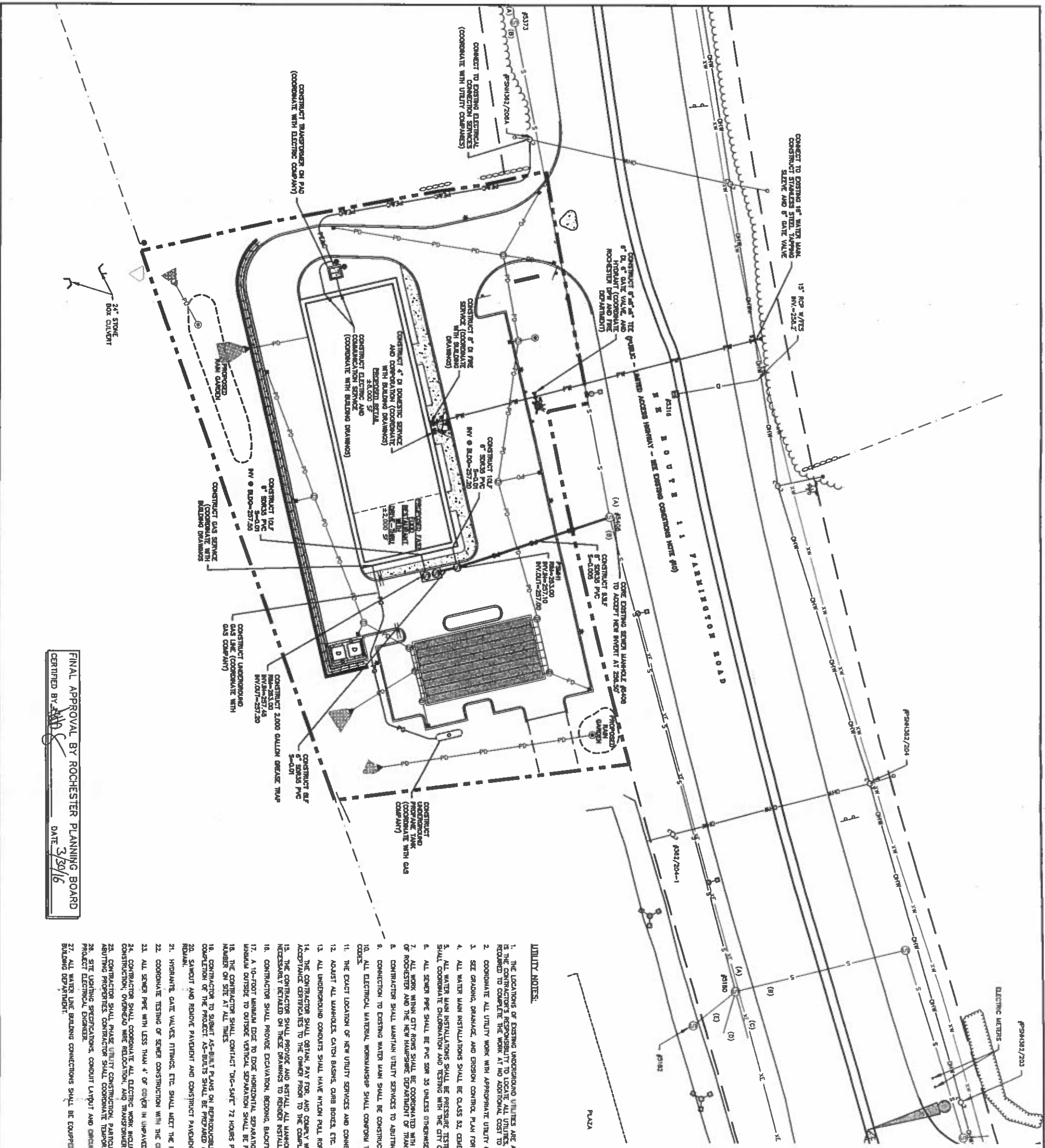
7/21/11

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
CREED
M.
MANUFRIT
NO. 0084
ATTORNEY

Tighe & Bond
Consulting Engineers
www.tighebond.com

GRADING, DRAINAGE, AND
EROSION CONTROL PLAN

C-3



- ### **UTILITY NOTES:**

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROPRIATE AND THE LOCATIONS ARE NOT GUARANTEED BY THE OWNER OR ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, ANTICIPATE CONFLICTS, REPAIR EXISTING UTILITIES, AND RELOCATE EXISTING UTILITIES REQUIRED TO COMPLETE THE WORK AT NO ADDITIONAL COST TO THE OWNER.
2. COORDINATE ALL UTILITY WORK WITH APPROPRIATE UTILITY COMPANY.
3. SEE GRADING, DRAINAGE, AND EROSION CONTROL PLAN FOR PROPOSED GRADING AND EROSION CONTROL MEASURES.
4. ALL WATER MAIN INSTALLATIONS SHALL BE CLASS 32, COATED LINED DUCTILE IRON PIPE.
5. ALL WATER MAIN INSTALLATIONS SHALL BE PRESSURE TESTED AND OIL-DRAINED AFTER CONSTRUCTION PRIOR TO ACTIVATING THE STREET. CONTRACTOR SHALL COORDINATE OIL-DRAINING AND TESTING WITH THE CITY OF ROCHESTER. NEW MAINLINE PIPES WORKS DEPARTMENT.
6. ALL SEWER PIPE SHALL BE PVC SDR 35 UNLESS OTHERWISE STATED.
7. ALL WORK WITHIN CITY ROWS SHALL BE COORDINATED WITH CITY OF ROCHESTER. ALL WORK WITHIN ROUTE 11 SHALL BE COORDINATED WITH THE CITY OF ROCHESTER AND THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION.
8. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO ADJUTING PROPERTIES THROUGHOUT CONSTRUCTION.
9. CONNECTION TO EXISTING WATER MAIN SHALL BE CONSTRUCTED TO CITY STANDARDS.
10. ALL ELECTRICAL MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL APPLICABLE STATE AND LOCAL CODES.
11. THE EXACT LOCATION OF NEW UTILITY SERVICES AND CONNECTIONS SHALL BE COORDINATED WITH THE BUILDING DRAWINGS AND THE UTILITY COMPANIES.
12. ADJUST ALL MANHOLES, CATCH BASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
13. ALL UNDERGROUND CONDUITS SHALL HAVE WITHIN PULL BOXES TO FACILITATE PULLING CABLES.
14. THE CONTRACTOR SHALL OBTAIN, PAY FOR, AND COMPLY WITH ALL REQUIRED PERMITS, ARRANGE FOR ALL INSPECTIONS, AND SUBMIT COPIES OF ACCEPTANCE CERTIFICATES TO THE OWNER PRIOR TO THE COMPLETION OF THIS PROJECT.
15. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MANHOLES, BOXES, FITTINGS, CONNECTIONS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILLED ON THESE DRAWINGS TO RENDER INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL.
16. CONTRACTOR SHALL PROVIDE EXCAVATION, BEDDING, BACKFILL AND COMPACTION FOR GAS SERVICES.
17. A 10-FOOT MINIMUM DEEP TO DEEP HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN ALL WATER AND SANITARY SEWER LINES. AN 18-INCH MINIMUM SEPARATION SHALL BE PROVIDED AT ALL WATER/SANITARY SEWER CROSSINGS.
18. THE CONTRACTOR SHALL CONTACT THE SAFE 72 HOURS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL HAVE THE "ONE-SAFE" NUMBER ON SITE AT ALL TIMES.
19. THE CONTRACTOR TO SUBMIT AS-BUILT PLANS ON REPRODUCIBLE PLYS AND IN DIGITAL FORMAT (DWF FILES) TO THE OWNER AND ENGINEER UPON COMPLETION OF THE PROJECT. AS-BUILT'S SHALL BE PROVIDED AND CERTIFIED BY A LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER.
20. SANDLOT AND REMOVE PAVED/PAVED AND CONSTRUCT PAVED/PAVED PATCH FOR ALL PROPOSED UTILITIES LOCATED IN EXISTING PAVED/PAVED AREAS TO REMAIN.
21. HYDRAULIC, GATE VALVES, FITTINGS, ETC. SHALL MEET THE REQUIREMENTS OF THE CITY OF ROCHESTER.
22. COORDINATE TESTING OF SEWER CONSTRUCTION WITH THE CITY OF ROCHESTER.
23. ALL SEWER PIPE WITH LESS THAN 4' OF COVER IN UNPAVED AREAS AND LESS THAN 6' OF COVER IN PAVED AREAS SHALL BE INSULATED.
24. CONTRACTOR SHALL COMPLY WITH ALL ELECTRIC WORK INCLUDING BUT NOT LIMITED TO: CONDUIT CONSTRUCTION, MANHOLE CONSTRUCTION, UTILITY POLE CONSTRUCTION, OVERHEAD WIRE RELOCATION, AND TRANSMISSION CONSTRUCTION WITH POWER COMPANY.
25. CONTRACTOR SHALL PHASE UTILITY CONSTRUCTION, PARTICULARLY WATER MAIN AND GAS MAIN CONSTRUCTION AS TO MAINTAIN CONTINUOUS SERVICE TO ADJUTING PROPERTIES. CONTRACTOR SHALL COORDINATE TEMPORARY SERVICES TO ADJUTING WITH THE UTILITY COMPANY AND ANTICIPATE ADJUTING.
26. SITE LIGHTING SPECIFICATIONS, CONDUIT LAYOUT AND SCHEDULE FOR PROPOSED SITE LIGHTING AND SIGN ILLUMINATION SHALL BE PROVIDED BY THE PROJECT ELECTRICAL ENGINEER.
27. ALL WATER MAIN BUILDING CONNECTIONS SHALL BE EQUIPPED WITH A BLOWDOWN PREVENTER. THE INSPECTIONS SHALL BE COORDINATED WITH THE BUILDING DEPARTMENT.

[illegible]

- | LEGEND | |
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| PROPERTY LINE | ===== |
| EXISTING STONEWALL | ----- |
| EXISTING DRAINAGE | -----D----- |
| PROPOSED DRAINAGE | -----PD----- |
| EXISTING OVERHEAD WIRE | -----OHW----- |
| PROPOSED UNDERGROUND ELECTRIC/TELEPHONE/CABLE | -----P&C----- |
| EXISTING WATER | -----W----- |
| PROPOSED WATER | -----PW----- |
| EXISTING SEWER | -----S----- |
| PROPOSED SEWER | -----PS----- |
| PROPOSED SEWER VENTILATION (LESS THAN 6" OF COVER) | -----S(V)----- |
| PROPOSED SEWER MANHOLE | -----S(M)----- |
| PROPOSED GAS | -----G----- |
| PROPOSED CONCRETE SIGNAL/PILO | -----C(S)----- |
| PROPOSED LIGHT POLE BASE | -----L(P)----- |
| PROPOSED CATCHBASIN | -----C(B)----- |
| PROPOSED DRAIN TUNNEL | -----D(T)----- |
| PROPOSED THRUST BLOCK | |
| PROPOSED ABOVE GROUND PROPANE TANKS | -----A(G)----- |
| EXISTING HYDRANT | -----H----- |
| PROPOSED HYDRANT | -----PH----- |
| PROPOSED HYDANT | -----HY----- |

SCALE 1" = 10'

UTILITIES PLAN

SCALE: AS SHOWN

40

Tighe&Bond
Consulting Engineers
www.tighebond.com

**Proposed
Commercial
Development**

105 Farmington
Road
(Route 11)

Rochester, NH

1.	12/31/2017	Reviewed per 770 Comments.	W-2153
PROJECT NO.	W-2153		
FILE	W2153-C-SITE.dwg		
DATE:	September 8, 2015		
DRAWN BY:	HSW		
CHECKED:	KAM		
APPROVED BY:	GMM		





Proposed Commercial Development
105 Farmington Road
(Route 11)
Rochester, NH

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THE MAXIMUM AREA TO BE DISTURBED AT ONE TIME SHALL BE KEPT UNDER FIVE (5) ACRES. A PHASING PLAN DESCRIBING THE AREAS TO BE DISTURBED SHALL BE SUBMITTED TO THE DESIGN ENGINEER AND NROES. AN INDEPENDENT MONITORING COMPANY SHALL BE HIRED BY THE CONTRACTOR TO MONITOR ALL EROSION CONTROL DEVICES.

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B. ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY U.S. ENVIRONMENTAL PROTECTION AGENCY REGULATIONS OR STATE REGULATION. BY THE MAINTENANCE SITE PERSONNEL WILL BE INSTRUCTED THESE PRACTICES BY THE SUPERINTENDENT.

C. RESTRICTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL BY THE SUPERINTENDENT.

D. MAZDAKOUS WASTE

ALL MATERIALS AND WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER MONTH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING AND DISPOSAL OF ALL WASTE BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

5. MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION TO STRATOSPHERIC RIBBON:

1. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON SITE DURING CONSTRUCTION:

- A. AN EFFORT WILL BE MADE TO STORE ONLY SUFFICIENT AMOUNTS OF PRODUCTS TO DO THE JOB.
- B. THE MATERIALS STORED ON SITE WILL BE STORED IN A LEAK PROOFLY WAREHOUSE OR CONTAINER, IF POSSIBLE, UNDER A LEAK PROOF ON OTHER ENCLOSURE.
- C. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
- D. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND

2. HAZARDOUS PRODUCTS
THE FOLLOWING PRACTICES WILL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS PRODUCTS:
A. HAZARDOUS PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT REUSABLE.
B. HAZARDOUS PRODUCTS WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
C. HAZARDOUS PRODUCTS WILL NOT BE USED TO CLEAN OR MAINTAIN EQUIPMENT.
D. HAZARDOUS PRODUCTS WILL NOT BE USED TO CLEAN OR MAINTAIN PERSONAL PROTECTIVE EQUIPMENT.
E. HAZARDOUS PRODUCTS WILL NOT BE USED TO CLEAN OR MAINTAIN WORK CLOTHING OR OTHER PERSONAL EFFECTS.
F. WHENEVER POSSIBLE ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

8. **B. PERSONAL LOANS AND VARIOUS SAFETY DATA WILL BE RETAINED FOR IMPROVED PRODUCT INFORMATION.**
 UNDESIRABLE PRODUCTS SHOULD BE DISPOSED OF APPROPRIATELY.
 PRODUCT SPECIFICATION PRACTICES
 THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:
 1. **PERMEABLE PRODUCTS:**
 ALL ON SITE VESSELS WILL BE MONITORED FOR LEAKS AND RECEIVE SPECIAL ATTENTION TO PREVENT LEAKS. MONITORING WILL BE CONDUCTED BY THE LEASING COMPANY TO REDUCE LEAKAGE. PERMEABLE PRODUCTS WILL BE PLACED IN A CONTAINER TO PREVENT LEAKAGE. PERMEABLE PRODUCTS WILL BE PLACED IN A CONTAINER TO PREVENT LEAKAGE.

2. FERTILIZERS USED ONLY IN THE MINOR AMOUNTS RECOMMENDED BY THE MANUFACTURER'S RECOMMENDATION SHEET WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION SHEET. FERTILIZERS WILL BE WORKED INTO THE SOIL TO LIMIT RUNOFF. FERTILIZERS WILL BE APPLIED TO THE SOIL TO LIMIT RUNOFF. FERTILIZERS WILL BE APPLIED TO THE SOIL TO LIMIT RUNOFF.
1. PLANTS WILL BE THOROUGHLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. PLANTS WILL BE THOROUGHLY SEALED AND STORED WHEN NOT REQUIRED FOR USE.

1. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE OBTAINED BY THE PERSONNEL AND WILL BE MADE AVAILABLE TO THE OPERATOR OF THE SPILL. EXCESS FUEL WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM OR TO THE GROUND. DISPOSED OF PROPERLY, ACCORDING TO MANUFACTURER'S INSTRUCTIONS ON STATE OR FEDERAL REGULATIONS.

2. SPILL LOCALIZATION AND MATERIAL MANAGEMENT PRACTICES DISCLOSED BY THE OPERATOR OF THE SPILL WILL BE FOLLOWED BY THE PERSONNEL OF THE SPILL. IN ADDITION TO GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCLOSED BY THE OPERATOR OF THE SPILL, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE OBTAINED BY THE PERSONNEL AND WILL BE MADE AVAILABLE TO THE OPERATOR OF THE SPILL.

- 2 MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE WORKSHOP AREA OF THE VESSEL. MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO, STORAGE AREA ON SITE, EQUIPMENT AND MATERIALS THAT INCLUDE, BUT NOT BE LIMITED TO, PUMPS, DISTURBANCE TOOLS, RAIN GLOVES, COATS, RAIN SUITS, SAND, SAWDUST, PLASTIC OR METAL TUBS, CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
- 3 ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER OCCURRENCE. THE VESSEL WILL BE KEPT IN THE AREA OF THE SPILL UNTIL THE SPILL IS COMPLETELY PROTECTED, INCLUDING TO PREVENT ANY FURTHER FLOW CONTACT WITH A HAZARDOUS SPILL OF OIL OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE LOCAL GOVERNMENT AGENCY. RECORDS OF THE SIZE, LOCATION, AND NATURE OF THE SPILL

6. THE CLEANING FIRM WILL BE ALLOWED TO REMOVE ONLY THE EXCESS OF NEW SPILLAGE. ALL OTHER SPILLAGE WILL BE THE SITE SUPERINTENDENT RESPONSIBLE FOR DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR CLEANING UP SPILLS.
7. SPILL PREVENTION AND CLEANUP COORDINATOR.
8. VEHICLE FUELING AND MAINTENANCE PRACTICE:
 1. DROPS SHOULD BE PLACED TO PERSONAL EQUIPMENT/VEHICLE FUELING AND MAINTENANCE AREA.
 2. DROPS SHOULD BE PLACED IN AN ON-SITE FUELING AND MAINTENANCE AREA THAT IS NOT NEAR OTHER SPILLAGE.

1. IF POSSIBLE, KEEP AREA COVERED.
2. KEEP A SHUT IN THE FILING AND MAINTENANCE AREA.
3. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.
4. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.
5. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.
6. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.
7. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.
8. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.
9. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.
10. WEAR PROTECTIVE CLOTHING AND RESISTANCE TO OILS AND GREASES.

DESIGNATE WASHOUT AREAS.

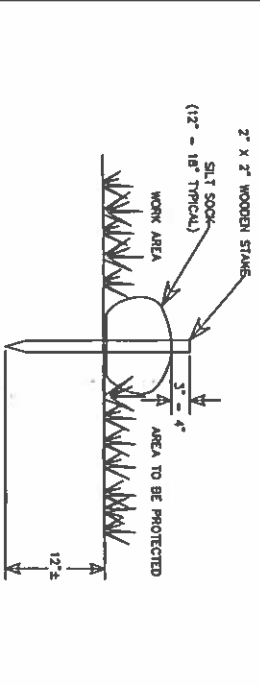
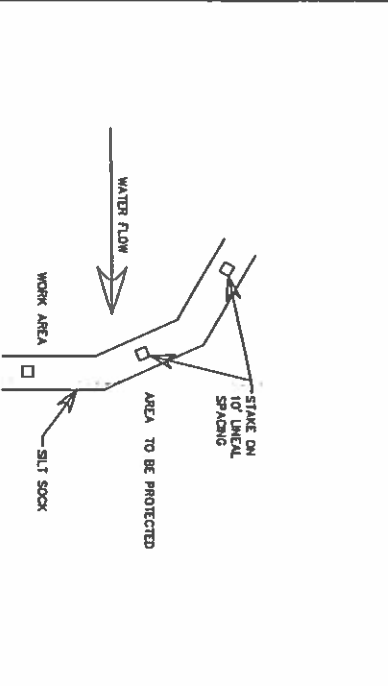
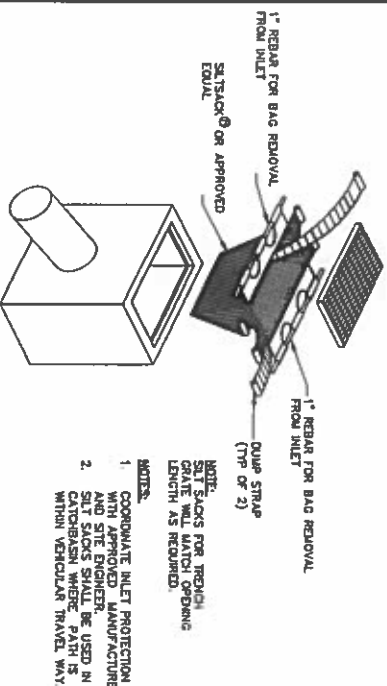
1. THE CONTRACTOR/CONTRACTOR SHOULD BE ENCOURAGED TO USE WASHOUT FACILITIES AT THEIR OWN PLANT OR DISCHARGE FACILITY.
2. IF IT IS NECESSARY, SITE CONTRACTOR SHALL DESIGNATE SPECIFIC WASHOUT AREAS.
3. DESIGN FACILITIES TO HANDLE ANTICIPATED WASHOUT WATER.
4. WASHOUT AREAS SHOULD ALSO BE PROVIDED FOR PLANT AND STUDIO OPERATIONS.
5. WASHOUT AREAS SHOULD BE LOCATED AT LEAST 50 YARDS AWAY FROM WATERSHEDS AND BE ABLE TO HANDLE WASHOUT WATER.

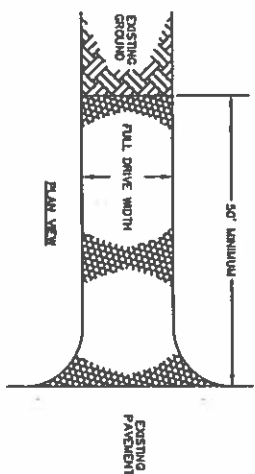
ALLOWED NON-DETERMINED ACTIVITIES

1. FIRE HYDRANT FLUSHINGS
2. WATER USED TO WASH CEMENTS WHERE DETERGENTS ARE NOT USED
3. WATER USED TO CONTROL DUST
4. PORTAGE WATER INC. UNCONTAMINATED WATER LINE FLUSHINGS
5. DISPOSAL WITHOUT FLOWING DRAIN TO DETECT LEAKS OR TEARS AND TO IDENTIFY WHERE LEAKS OR TEARS OCCURRED. LEAKS OR TEARS MUST BE REPAIRED.

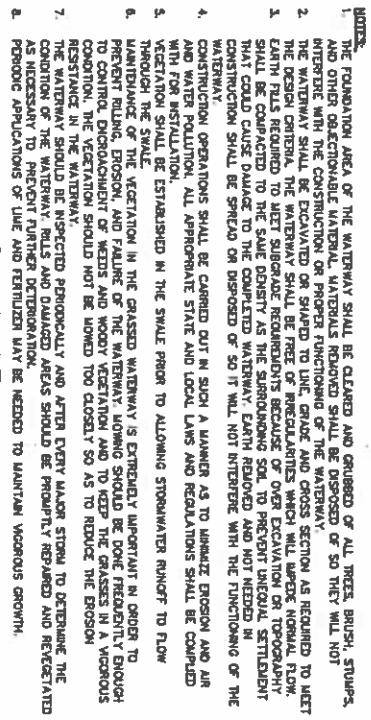
9. SOLUBLE, FLAME, NONPOSSIBLE TO SEAL OR EXTINGUISH
10. UNCONTAMINATED AIR CONDITIONING/COMPRESSOR CONDENSATE
11. UNCONTAMINATED GROUND WATER OR SPRING WATER
12. FOLIATION OR FLOODING DRAINS - NOT CONTAMINATED
13. UNCONTAMINATED ELEVATION DEWATERING
14. LANDSCAPE IRRIGATION

1000

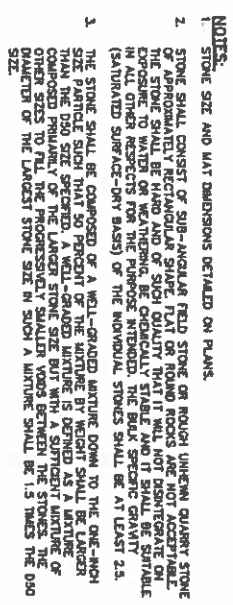




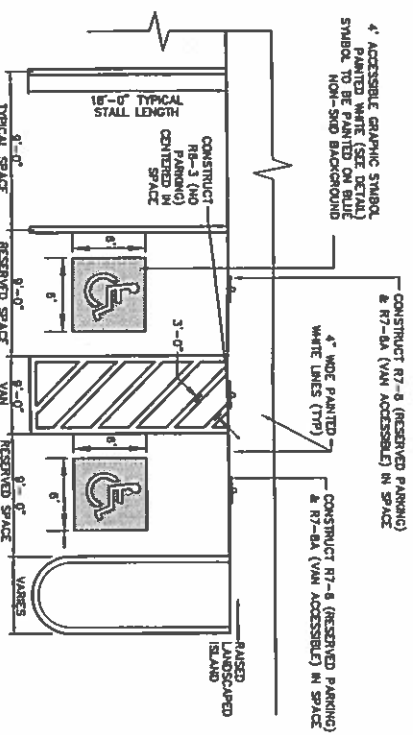
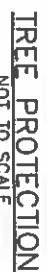
**STABILIZED CONSTRUCTION
ENTRANCE**
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



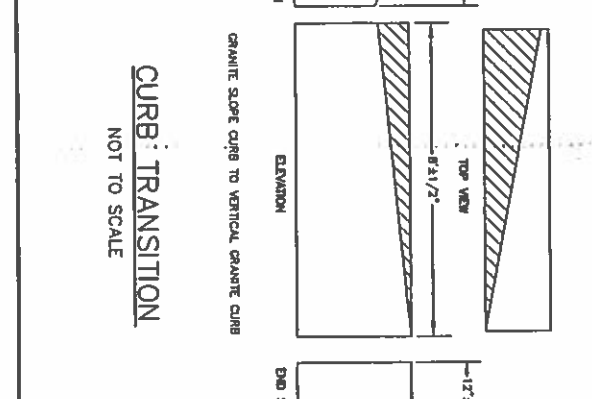
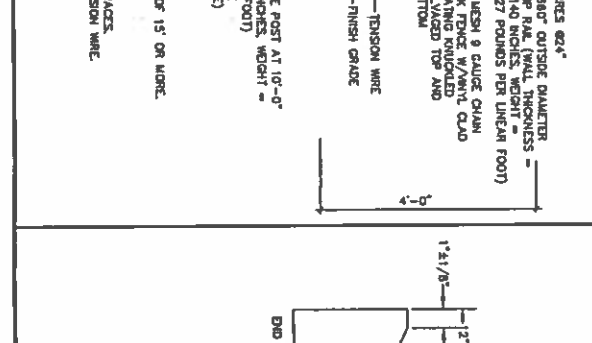
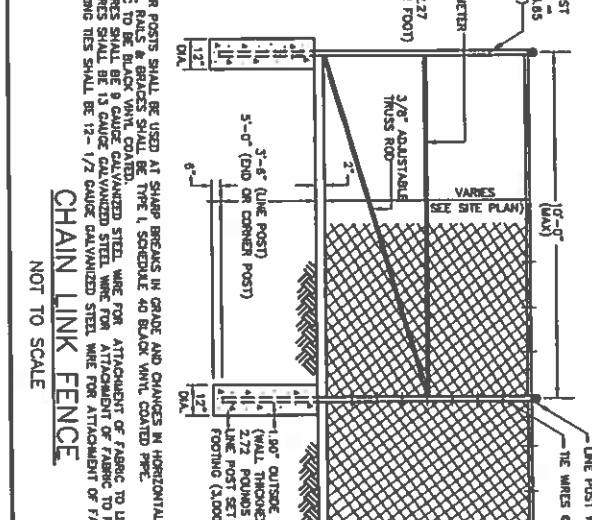
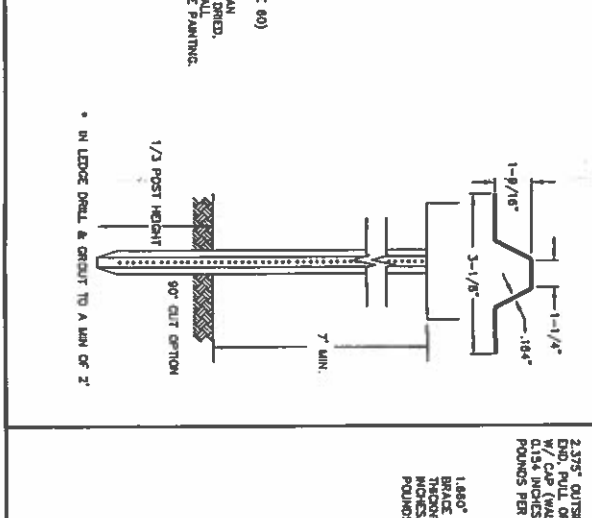
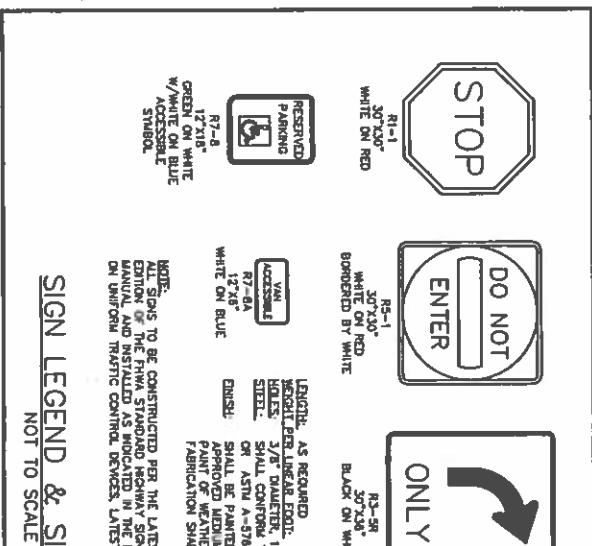
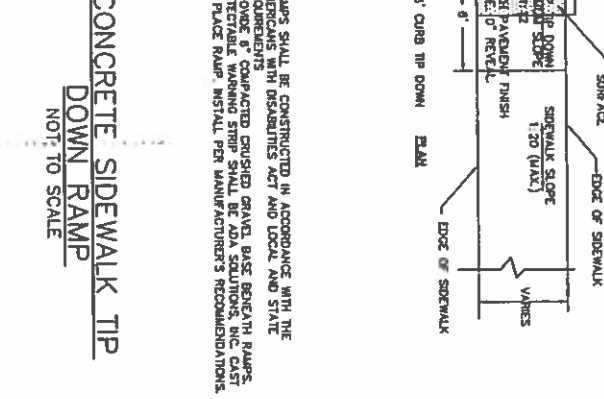
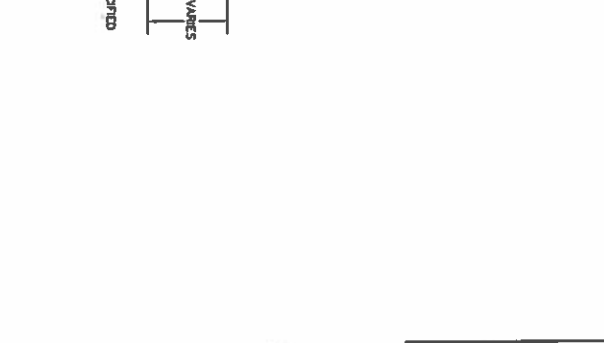
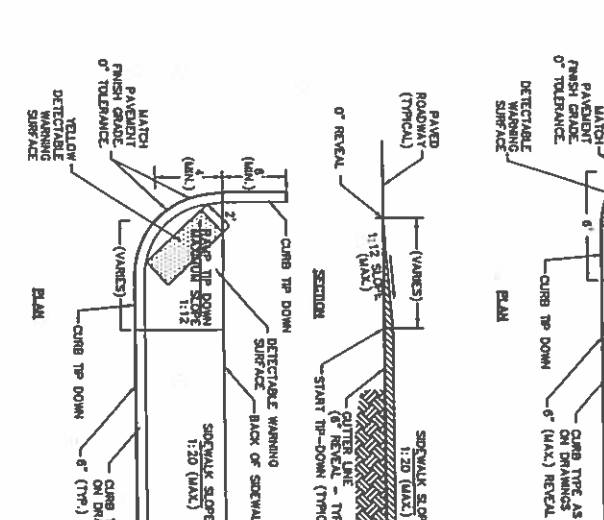
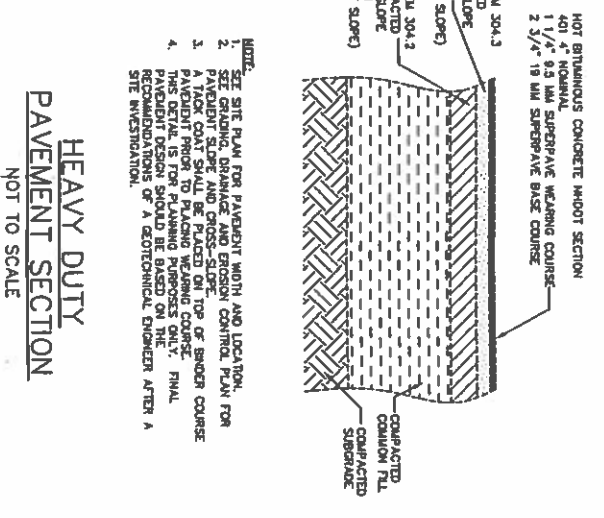
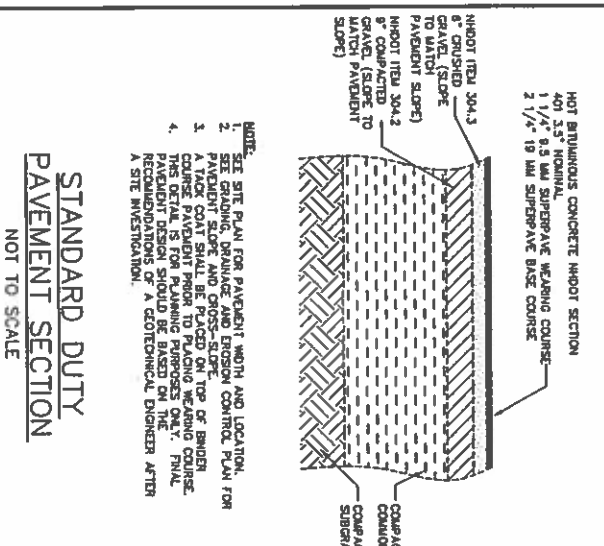
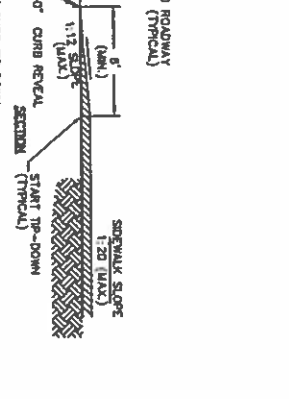
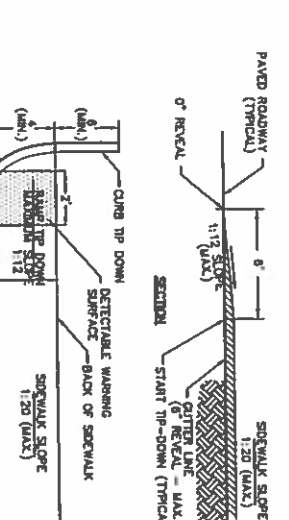
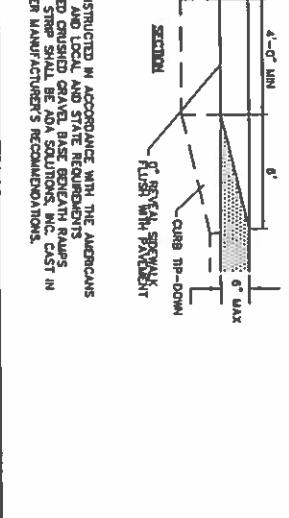
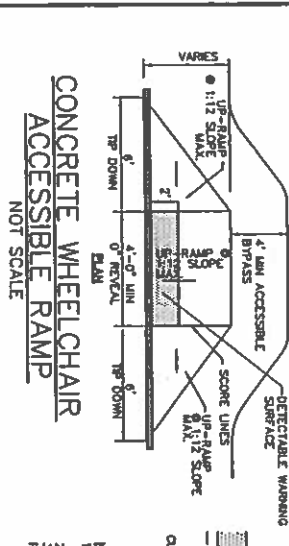
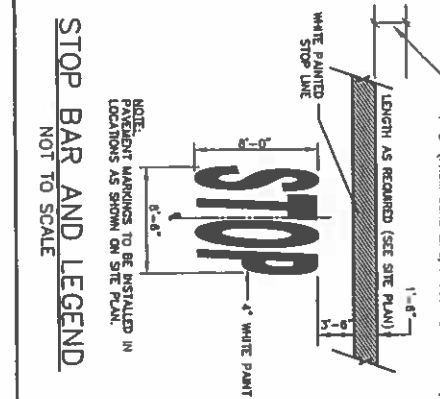
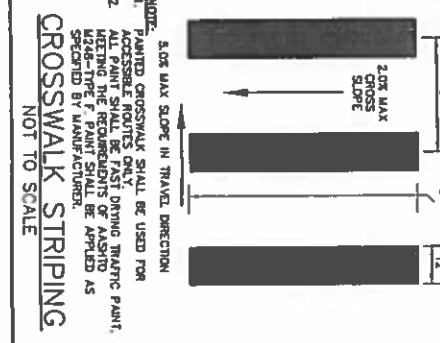
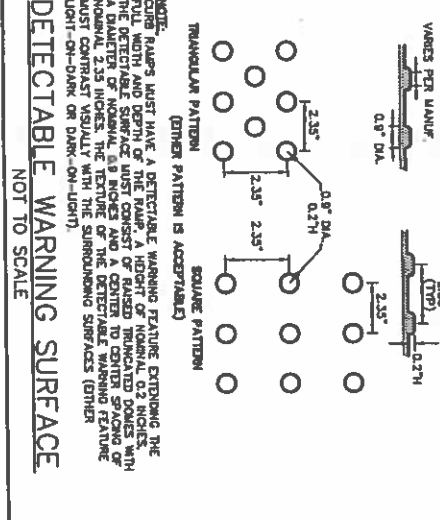
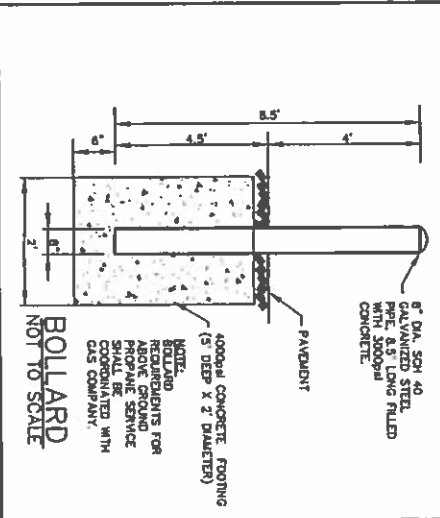
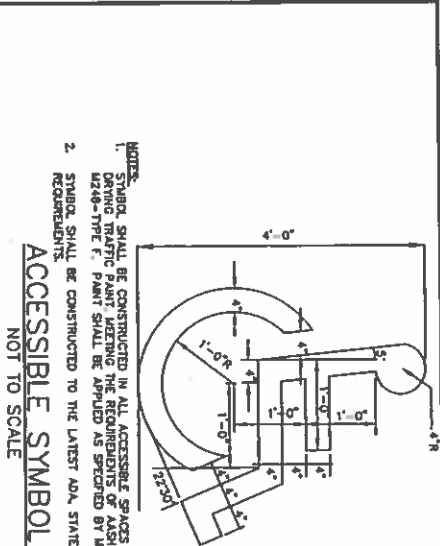
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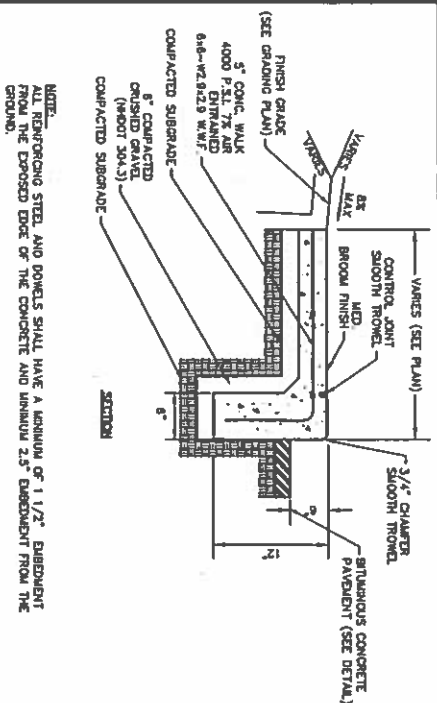
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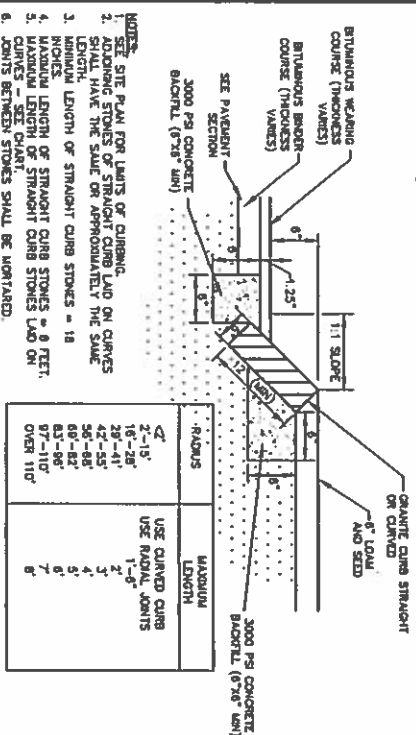
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Rochester, NH

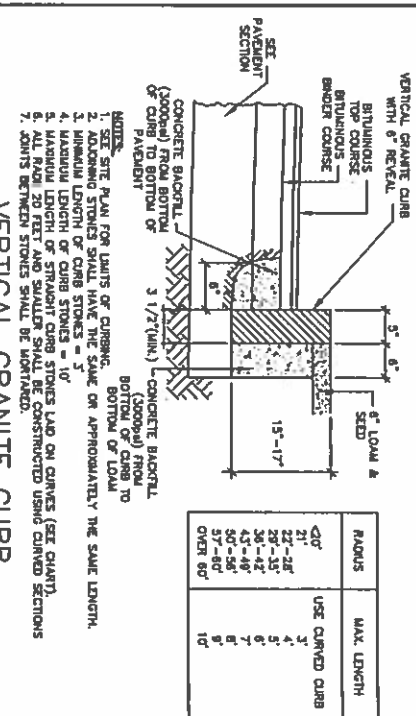




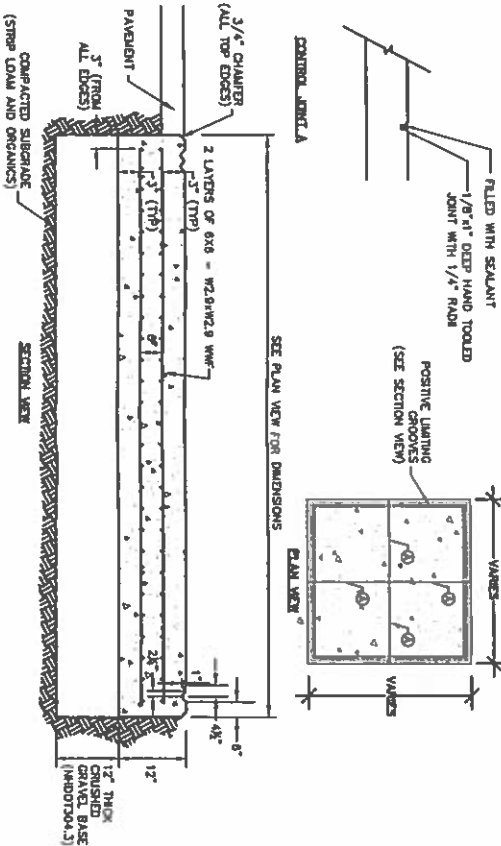
CONCRETE SIDEWALK WITH MONOLITHIC CURB
NOT TO SCALE



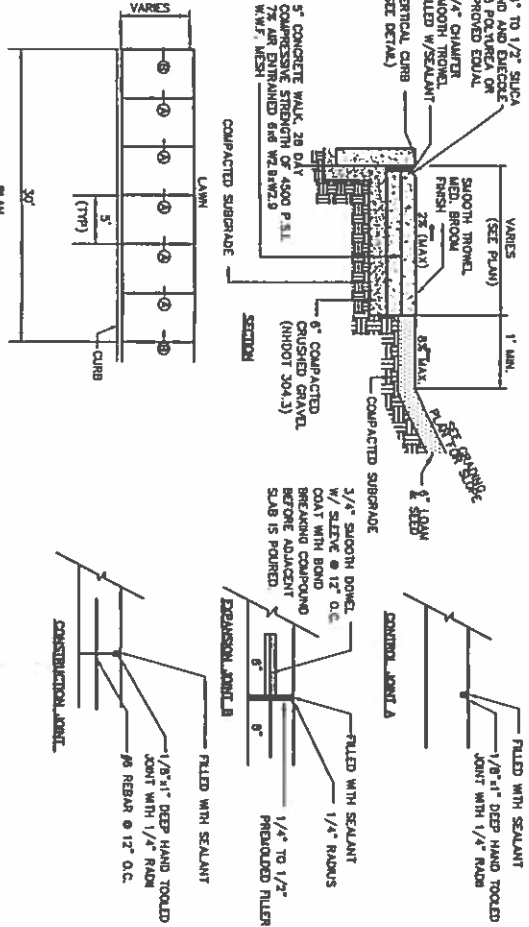
SLOPED GRANITE CURB
NOT TO SCALE



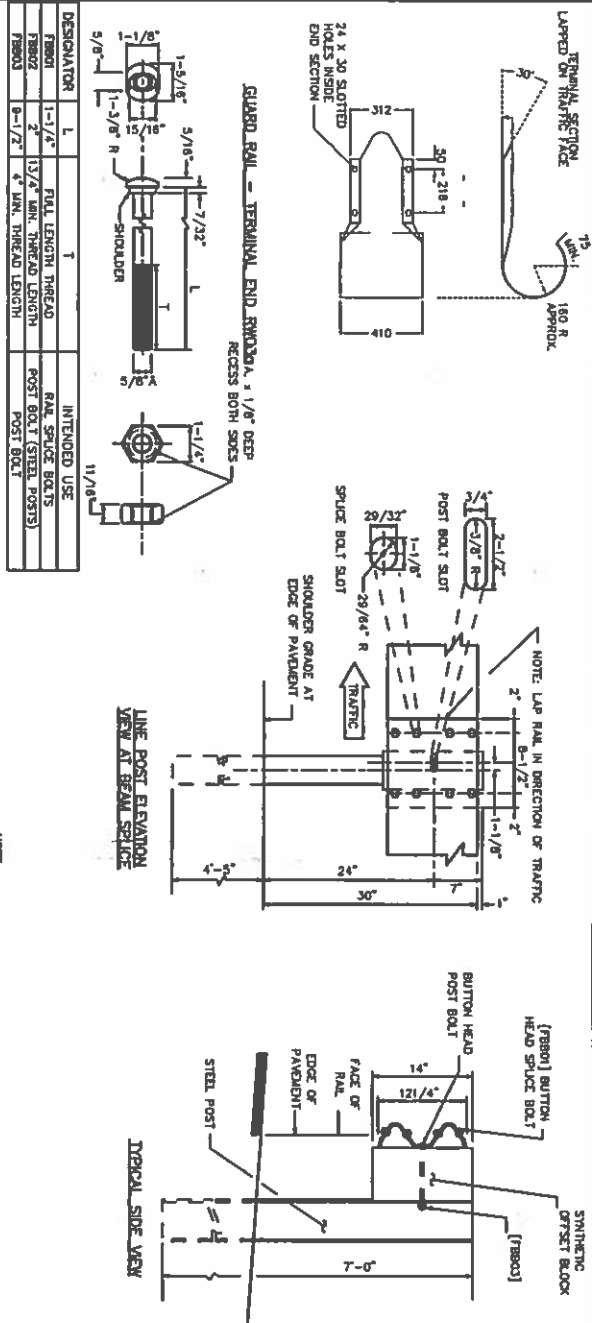
VERTICAL GRANITE CURB
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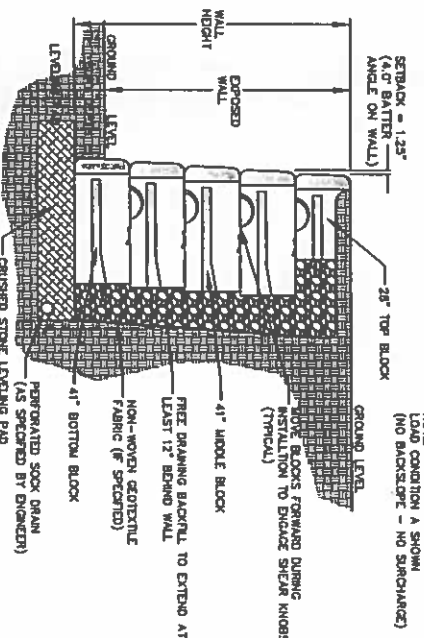
DUMPSTER PAD
NOT TO SCALE



CONCRETE SIDEWALK/PAD WITH GRANITE CURB
NOT TO SCALE

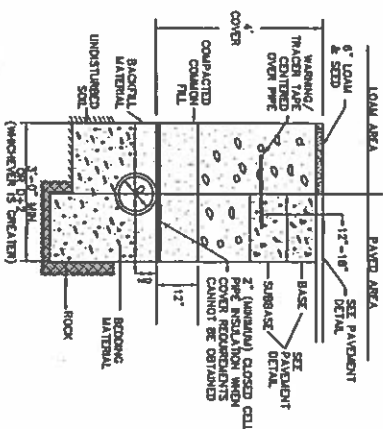
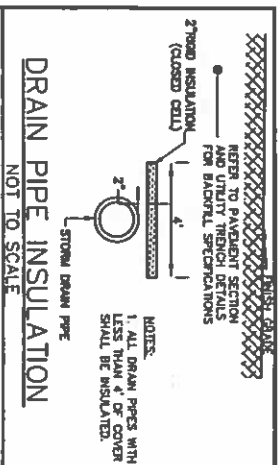


STEEL POST/STEEL BEAM GUARDRAIL
NOT TO SCALE

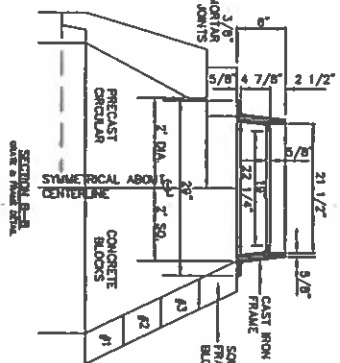
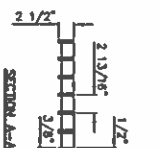


SEGMENTAL BLOCK RETAINING WALL
NOT TO SCALE

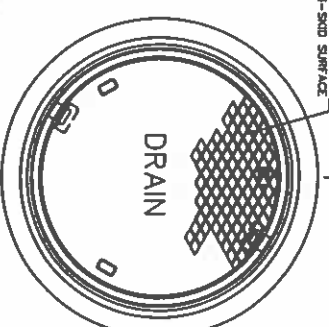
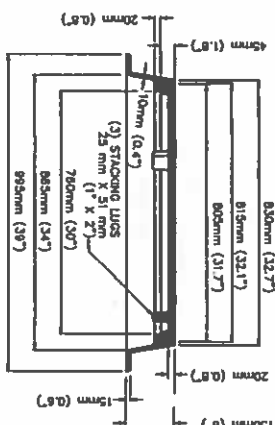
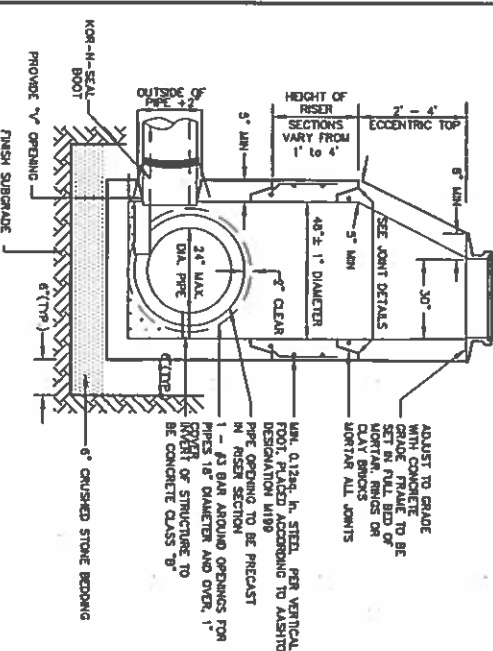
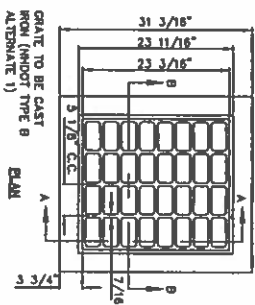
- RETAINING WALL NOTES:**
1. RETAINING WALL SHALL BE RED ROCK OR APPROVED EQUIV.
 2. THE CONTRACTOR SHALL SUBMIT DESIGN AND CALCULATIONS FOR THE RETAINING WALL THAT SHALL BE REVIEWED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE. CALCULATIONS SHALL INCLUDE A GLOBAL STABILITY ANALYSIS.
 3. MAXIMUM DESIGN PARAMETERS:
 - GLOBAL STABILITY FACTOR OF SAFETY = 1.5
 - SLIDING FACTOR OF SAFETY = 2.0
 - GEOTERM PULLOUT FACTOR OF SAFETY = 1.5
 4. WALL DESIGN SHALL CONSIDER EFFECTS OF SLOPE TRAFFIC LOADS, BUILDING LOADS, GUARDRAIL AND/OR TRUCKING AS REQUIRED.
 5. WALL DESIGN ENGINEER SHALL CONSIDER HEIGHT AND SPECIFY SAFETY RAIL WHERE REQUIRED.
 6. ALL INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION MANUAL AND THE WALL DESIGN ENGINEER'S DESIGN PLANS AND SPECIFICATIONS. WHERE INFORMATION BY THESE PLANS CONTRADICTS WITH MANUFACTURER'S RECOMMENDATIONS, THE MANUFACTURER'S RECOMMENDATIONS SHALL SUPERSEDE.
 7. THE WALL DESIGN ENGINEER SHALL COMPLETE SUFFICIENT INSPECTIONS DURING CONSTRUCTION TO CERTIFY WORK IS COMPLETED IN ACCORDANCE WITH DESIGN.
 8. CONTRACTOR SHALL SUBMIT AS-BUILT DRAWINGS OF WALL WITH WALL DESIGNER'S CERTIFICATION TO OWNER.
 9. CONTRACTOR SHALL DIRECT SURFACE RUNOFF AWAY FROM THE WALL DURING CONSTRUCTION.
 10. CONTRACTOR SHALL SUPPLY SURFACE TO THE OWNER FOR APPROVAL PRIOR TO WALL CONSTRUCTION.
 11. ANY SURFACE DRAINAGE FEATURES, FINISH GRADING, PAVEMENT OR OTHER SURFACE TREATMENT SHALL BE INSTALLED IN THE AREA OF THE WALL IMMEDIATELY AFTER THE WALL IS COMPLETE.
 12. GEOTECHNICAL ENGINEER SHALL VERIFY FOUNDATION/ SOILS AS BEING COMPETENT.
 13. ALL WALLS 4' OR GREATER REQUIRE INSTALLATION OF A SAFETY RAIL.
 14. IF CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, CONTRACTOR MUST CONTACT THE DESIGN ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.



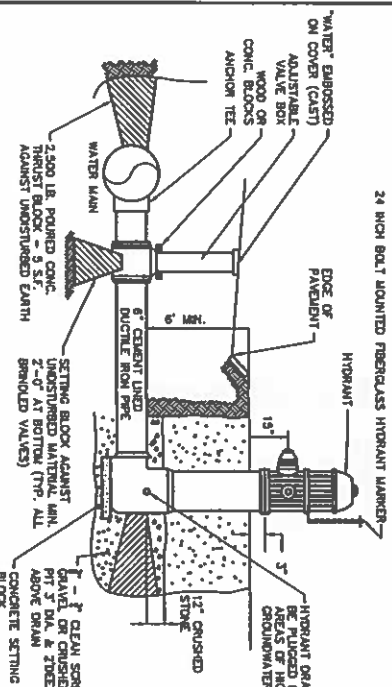
STORM DRAIN TRENCH
NOT TO SCALE



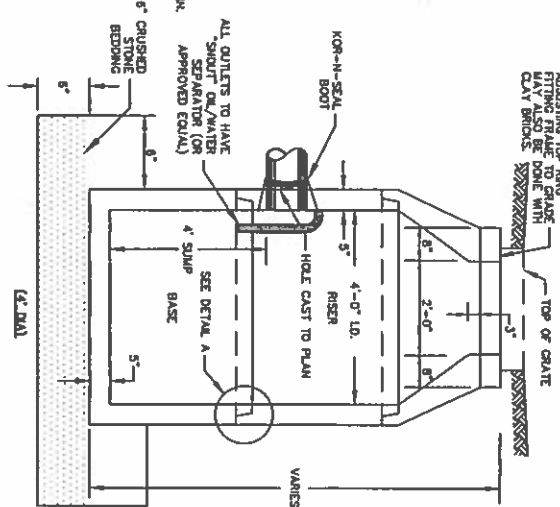
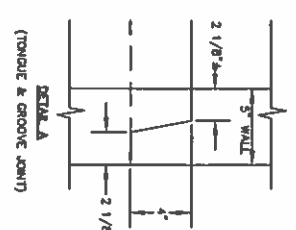
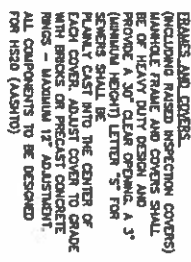
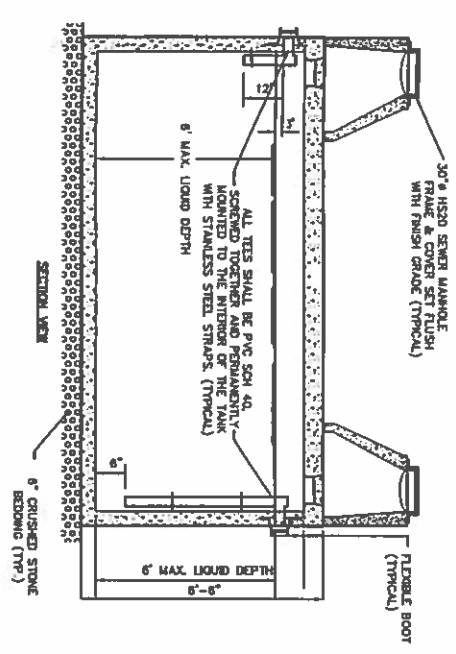
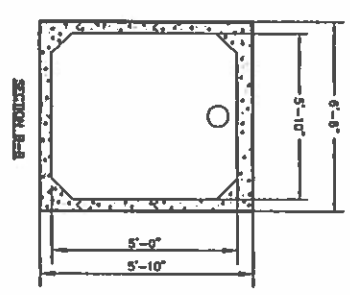
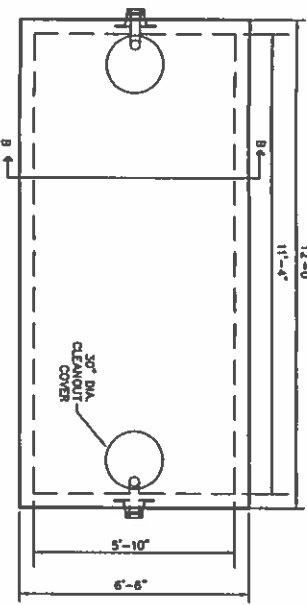
CATCHBASIN
FRAME & GRATE
NOT TO SCALE



DRAIN MANHOLE FRAME & GRATE
NOT TO SCALE

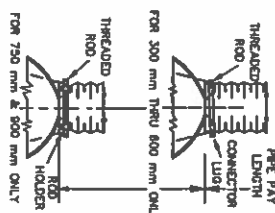
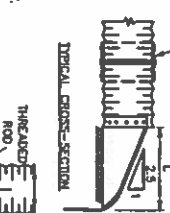
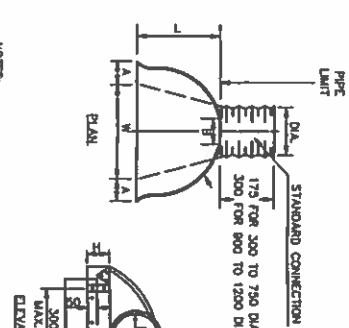


FIRE HYDRANT
NOT TO SCALE

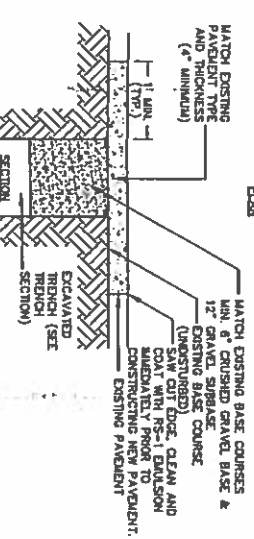
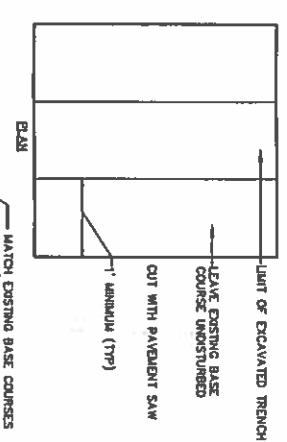


CATCHBASIN
NOT TO SCALE

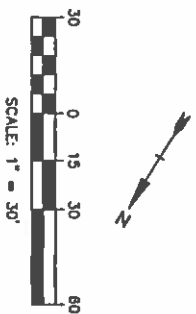
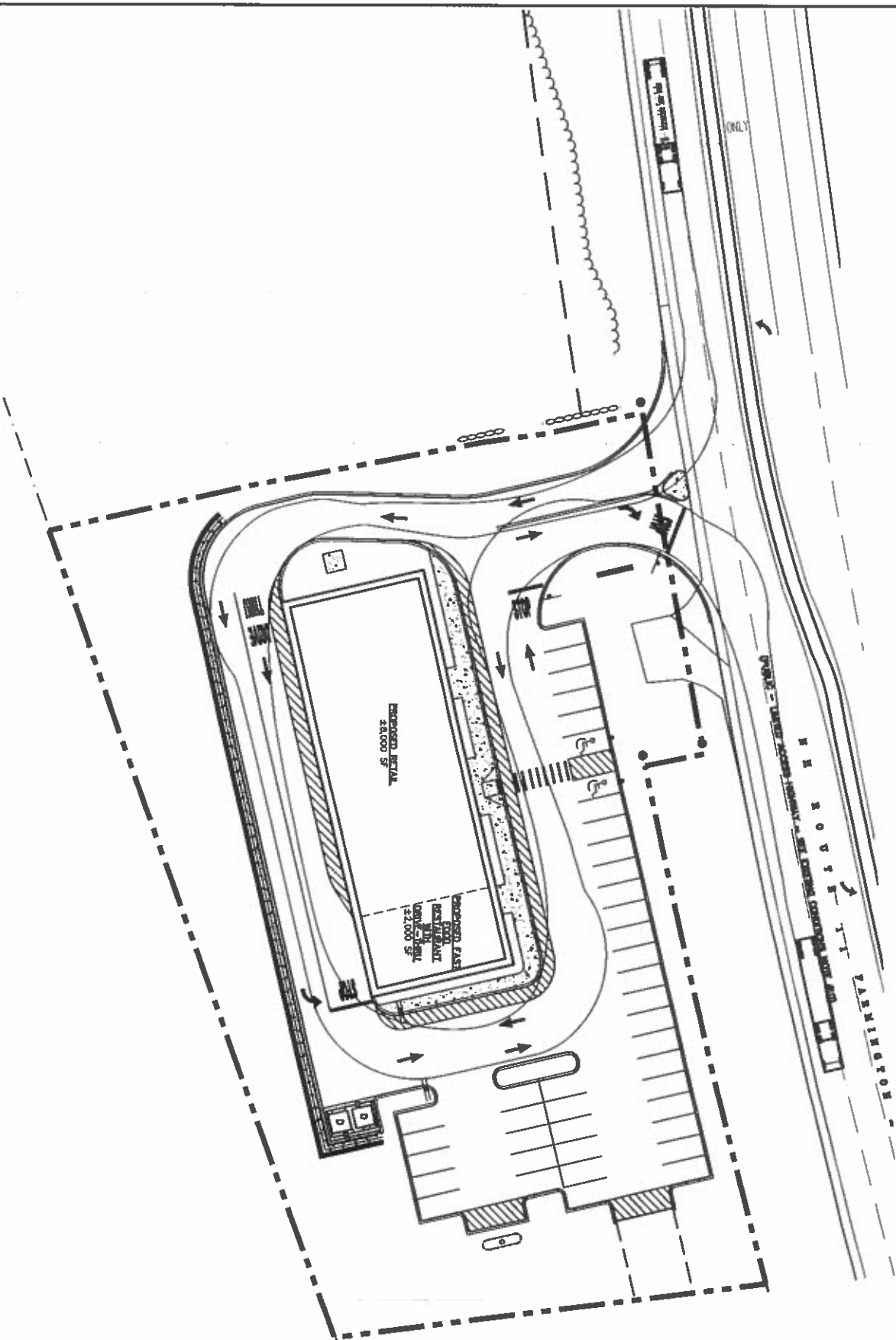
ITEM NO.	PIPE DIA.	METH. THICK.	OTHERS					
			A (25 TOL.)	B MAX.	C (25 TOL.)	D (50 TOL.)	E (50 TOL.)	F (50 TOL.)
001-010	10	1.8	150	150	150	150	150	150
011-020	12	1.8	150	150	150	150	150	150
021-030	14	1.8	150	150	150	150	150	150
031-040	16	1.8	150	150	150	150	150	150
041-050	18	1.8	150	150	150	150	150	150
051-060	20	1.8	150	150	150	150	150	150
061-070	22	1.8	150	150	150	150	150	150
071-080	24	1.8	150	150	150	150	150	150
081-090	26	1.8	150	150	150	150	150	150
091-100	28	1.8	150	150	150	150	150	150
101-110	30	2.0	300	475	200	1275	1500	1800
111-120	36	2.0	300	475	225	500	1800	2100
121-130	42	2.7	450	575	275	1975	2250	2550
131-140	48	3.4	450	575	300	1975	2250	2550



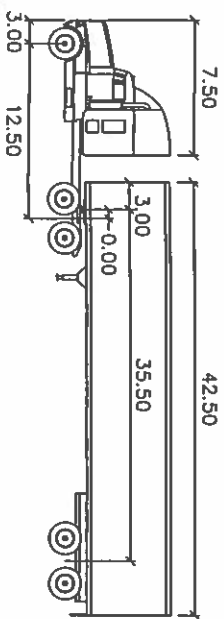
METAL FLARED END SECTION
NOT TO SCALE



PAVEMENT TRENCH



TRUCK
(WB-50)



FIRE TRUCK
(WB-50)

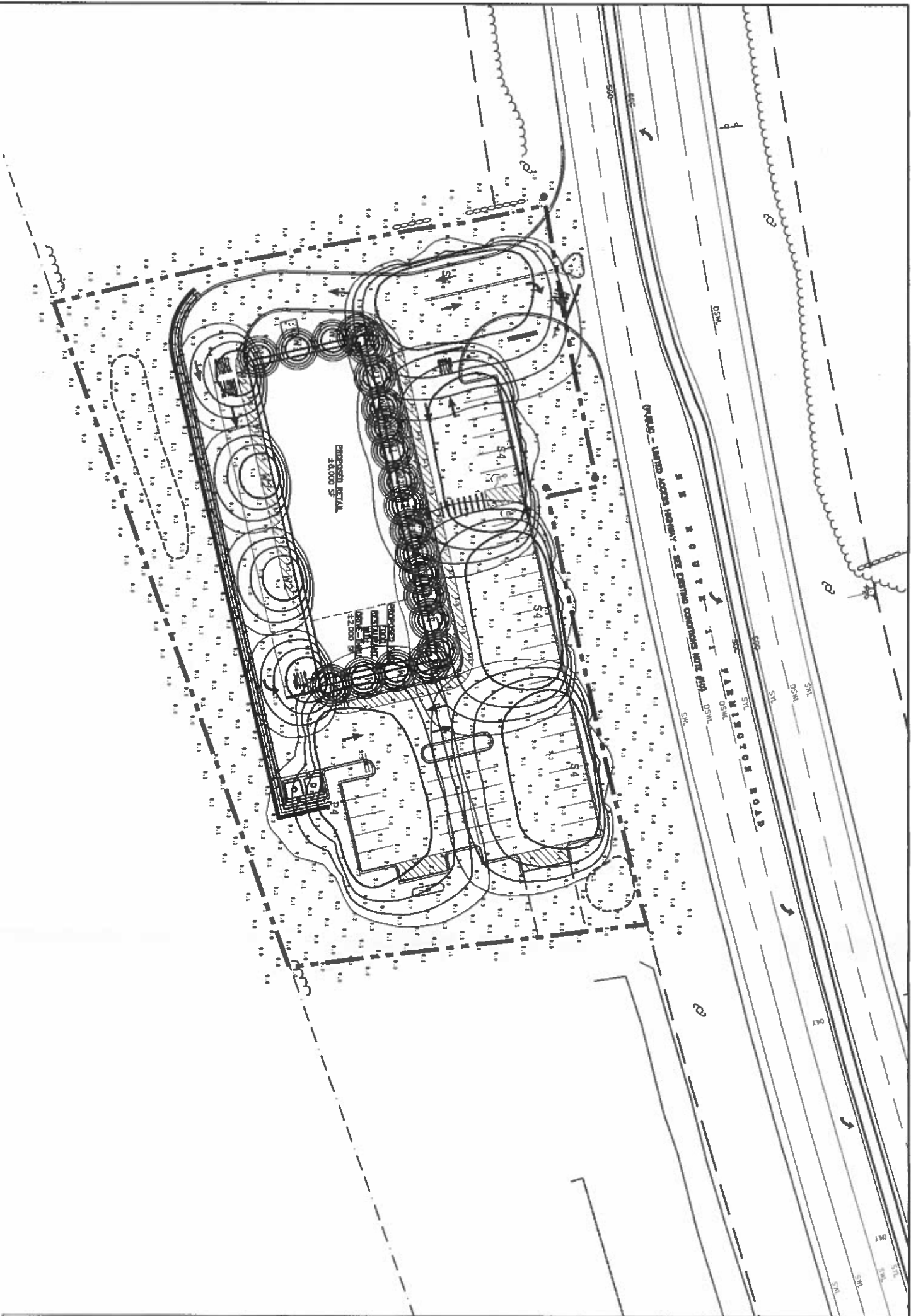
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Tractor Width	: 8.50	Steering Angle	: 17.7
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.50		

FINAL APPROVAL BY ROCHESTER PLANNING BOARD
CERTIFIED BY: [Signature] DATE: 5/30/16



Proposed Commercial Development
105 Farmington Road
(Route 11)
Rochester, NH

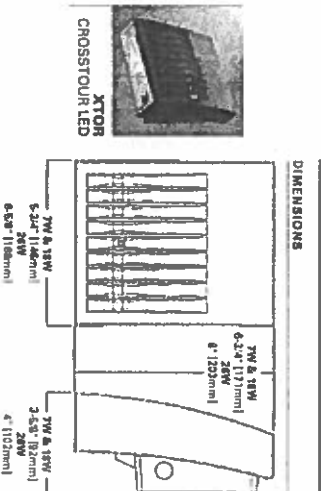
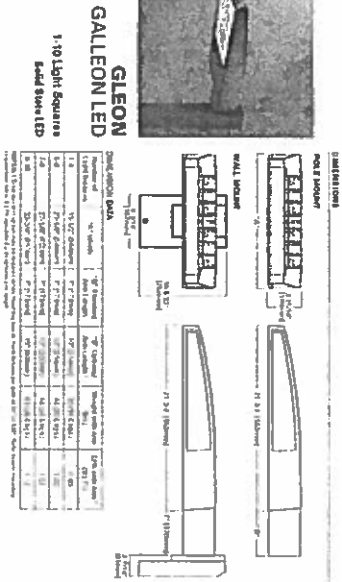
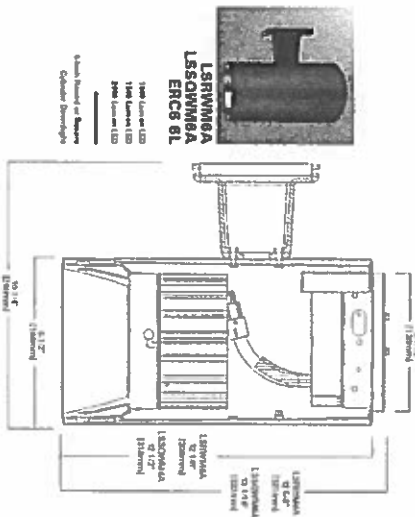
TRUCK TURNING PLAN
SCALE: AS SHOWN



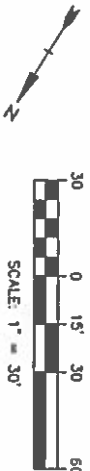
Luminance Schedule		
Symbol	Qty	Label
	1	P4
	4	S4
	21	W1
	4	W2

PHOTOMETRICS PLAN PREPARED
BY CHARRON INC. DATED
AUGUST 17, 2015.

Scale: 1" = 30'
Parking Areas
Illuminance (fc)
Average = 3.02
Minimum = 0.1
Maximum = 0.8
Avg./Min Ratio = 3.78
Max/Min Ratio = 7.63



FINAL APPROVAL BY ROCHESTER PLANNING BOARD
CERTIFIED BY
DATE 3/30/16



**Proposed
Commercial
Development**
105 Farmington
Road
(Route 11)
Rochester, NH

PROJECT NO: W-2153
FILE: W2153-C-SITE.DWG
DATE: September 8, 2015
DRAWN BY: HSW
CHECKED: KAM
APPROVED BY: GMM

PHOTOMETRIC PLAN

SCALE: AS SHOWN