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PROPOSED SITE PLAN
FOR
21 FARMINGTON ROAD, LLC
21 FARMINGTON ROAD
ROCHESTER, N.H.
TAX MAP 216, LOT 29

RECEIVED
JAN 19 2016
Planning Dept.

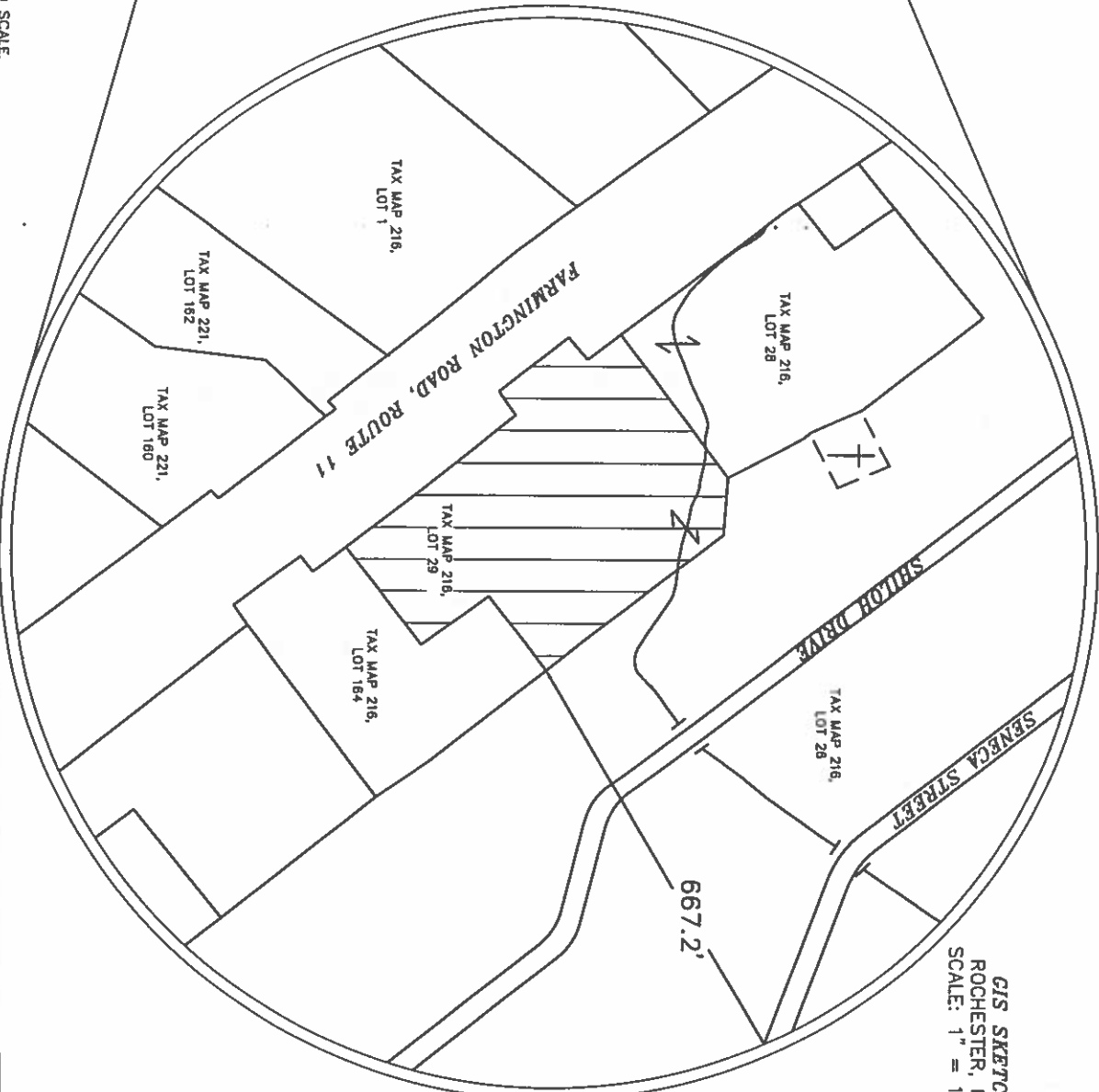
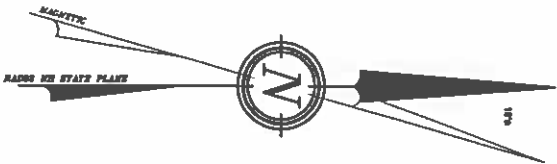
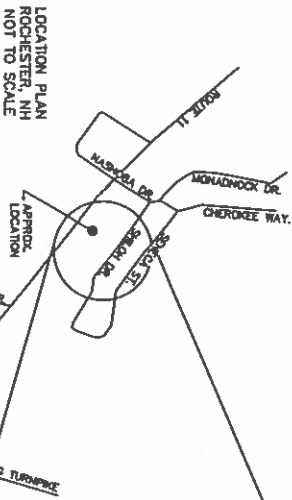
GIS SKETCH
ROCHESTER, N.H.
SCALE: 1" = 100'±

OWNER: 21 FARMINGTON ROAD, LLC
549 US HIGHWAY 1 BYP
PORTSMOUTH, NH 03801-4131

DEVELOPER: 21 FARMINGTON ROAD, LLC
549 US HIGHWAY 1 BYP
PORTSMOUTH, NH 03801-4131

ENGINEER OF RECORD: KENNETH A. BERRY, PE, LLS
CPESC, CESSM
BERRY SURVEYING & ENGINEERING
335 CROWN POINT ROAD
BARRINGTON, NH 03825
(603) 332-2863

WETLAND SCIENTIST: DAMON E. BURT, CWS #163
FRAGILE ROCK ENVIRONMENTAL SERVICES
38 GARLAND ROAD
STRAFFORD, NH 03884
(603) 969-5574



REQUIRED PERMITS:

NOI ~ SWPPP ~ TO BE ON FILE 3 WEEKS BEFORE CONSTRUCTION

BERRY SURVEYING & ENGINEERING CAN PROVIDE THE SWPPP AND THE FILING OF THE NOTICE OF INTENT WHICH IS REQUIRED BY THE EPA. A CAPABLE AND KNOWLEDGEABLE PERSON IS TO DO ON-SITE EROSION CONTROL INSPECTIONS PER THE NOTICE OF INTENT. BERRY SURVEYING & ENGINEERING CAN PROVIDE THIS SERVICE IF REQUESTED.

A PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE CONSTRUCTION ACTIVITIES TAKE PLACE. THOSE PRESENT SHOULD INCLUDE THE OWNER OF RECORD, DESIGN ENGINEER, CONSTRUCTION MANAGER, CITY ENGINEER OR DESIGNEE, AND HEAD OF THE PLANNING DEPARTMENT OR DESIGNEE.

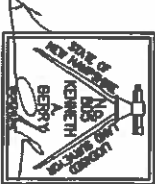
NOTE:

BERRY SURVEYING & ENGINEERING HAS PREPARED AN INSPECTION & MAINTENANCE MANUAL AS PART OF THIS PROJECT'S DOCUMENTATION. ALL USERS ARE BOUND TO THIS DOCUMENT AS PART OF THE APPROVAL OF THE PLANNING BOARD. COPIES OF THE YEARLY INSPECTIONS ARE TO BE DELIVERED TO THE CEO AS DIRECTED IN THE MANUAL.

GENERAL PLAN SET NOTES:

- 1.) 11x17" PLANS ARE HALF THE PUBLISHED SCALE.
- 2.) ALL PLANS ARE CONSIDERED TO BE NOT FOR CONSTRUCTION UNLESS THEY CONTAIN THE APPROVAL STAMP OF THE CITY OF ROCHESTER.
- 3.) FOR MORE INFORMATION ABOUT THIS SUBDIVISION, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 31 WAKEFIELD STREET, ROCHESTER, NH 03867, (603) 335-1338.

FINAL APPROVAL
BY
ROCHESTER PLANNING BOARD
CERTIFIED BY: [Signature]
DATE: 3/31/16



BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}

SCALE : AS-NOTED
DATE : MARCH 30, 2015
FILE NO. : DB 2014-149

PROPOSED SITE PLAN
FOR
21 FARMINGTON ROAD, LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, N.H.
TAX MAP 216, LOT 29

ROCHESTER PLANNING # 216-29-GRD-2015		
REVISION	DATE	DESCRIPTION
1	1-13-16	PER NHOT DRIVEWAY PERMIT & FINAL REVIEW
2	8-04-16	REDESIGN FOR 3RD ACCESS EASEMENT
3	9-22-16	PER N.H.D. AND CONDITIONS OF APPROVAL
4	1-20-16	PER ROCHESTER TRD REVIEW
5	1-06-16	POST-APPLICATION TECHNICAL REVISIONS

1.) THE INTENT OF THIS PLAN SET IS TO DEMONSTRATE THE EXISTING CONDITIONS OF TAX MAP 216, LOT 29 AND DETAILS FOR THE PROPOSED RE-CONSTRUCTION OF A USE CAR SALES LOT AND RECESSED PARKING, DRAINAGE, AND UTILITIES.

- 2) CURRENT OWNER: 21 PARRINGTON ROAD LLC
2100 PARRINGTON ROAD
PATERBOROUGH, IN 46087
- 3) THE PROJECT PARCEL IS LOT NO. 21A, MAP 29 OF THE CITY OF ROCHESTER TAX ASSESSOR'S MAPS.
- 4) THE PROJECT PARCEL CONTAINS 2.19 ACRES OR 95,832 SQUARE FEET AREA OF LAND.
- 5) TITLE REFERENCE FOR THE PROJECT PARCEL IS THE STATIONED COUNTY RECORDS OF DEEDS, (S.C.R.D.) BOOK NO. 4248 PAGE NO. 628
- 6) LOCALS PARCEL IS SUBJECT TO EASEMENTS AS NOTED.
- 7) ZONING: ORD -GRANITE ROAD DEVELOPMENT
STREETS:
FRONTAGE: 50 FEET, MINIMUM
MIN. LOT AREA: NO REGULATION
MIN. LOT COVERAGE: NO REGULATION
FRONT SETBACK: NO REGULATION
SIDE SETBACK: NO REGULATION
REAR SETBACK: NO REGULATION
PAVED DRIVEWAY: NO REGULATION
ROOF PAVEMENT: 10 FEET
SIDE PAVEMENT: 5 FEET
REAR PAVEMENT: 10 FEET
CONSERVATION OPENLAND DESIGN: 30 FEET
MINIMUM BUFFER:
ADJACENT PROTECTION OVERLAY DISTRICT
- 8) PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM A SURVEY PERFORMED BY BENTLY SURVEYING & ENGINEERING IN DECEMBER 2014 WITH AN ERROR OF CLOSURE GREATER THAN 1 IN 10000.
- 9) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATION AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY PROTECTING SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- 11) HENRY CENTER THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REG. TAX COMMUNITY -33075A, MAP# - 33075C01040, DATED: MAY 17, 2005 & FLOOD COMMUNITY -33075D, MAP# - 33075D0200, DATED: MAY 17, 2005
- 12) SEE THE DESIGN CONDITIONS PLANS FOR LOCATIONS OF ON SITE WETLANDS.
- 13) 17 PARKING SPACES ARE REQUIRED BY THE PROPOSED USE. 18 PARKING SPACES ARE PROVIDED BY THIS PLAN. (SEE PARKING CALCULATIONS ON SHEET 4.)
- 14) US-84/11 PLANS OF THE SITE SHALL BE SUBMITTED ON A NEIGHBORHOOD UTILITY UPRIMA AND IN A PORTAL DUT FORMAT ON DISK TO THE CITY OF ROCHESTER AND OTHERS UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PROVIDED AND CERTIFIED CORRECT BY A L.L.E. ON P.L.
- 15) EXTENSION LIGHTING SHALL BE CUT-OFF TYPE FIXTURES AND SHALL PROVIDE LIGHTING DIRECTED ON-SITE ONLY.
- 16) TOPOGRAPHIC SURVEY PERFORMED BY BENTLY SURVEYING & ENGINEERING IN 2014.
- 17) DATE: PROJECT DATA IS BASED ON GPS COORDINATES ESTABLISHED WITH A TOPCON HIPER SR RECEIVER IN JUNE 2014 AND REPRESENTED IN NEW HAMPSHIRE STATE PLANE COORDINATES AND 1983 AND VERTICALLY BY NAVD 1984.
- 18) THE PROPOSED STRUCTURE DOES NOT NEED TO BE SERVED BY A SPRAWLING SYSTEM AS REQUIRED UNDER THE CODE OF THE CITY OF ROCHESTER AND THE 2009 STATE BUILDING CODES, AS APPLICABLE.
- 20) THE FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED ON THE STREET SIDE OF THE BUILDING PER NFPA 13, AS APPLICABLE.
- 21) A SECURITY SYSTEM MAY NEED TO BE INSTALLED AS MAY REQUIRED BY THE CODE OF THE CITY OF ROCHESTER, AS APPLICABLE.
- 22) FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE ROCHSTER OFF.
- 23) CONTRACTOR TO CONTACT ROCHESTER OFF A MINIMUM OF TWO WEEKS PRIOR TO ANY CONSTRUCTION TO COORDINATE ALL WORK CONCERNING INSTALLATION OF ANY PROPOSED WATER LINE IMPROVEMENTS AS MAY BE REQUIRED.
- 34) ALL WATER MAIN AND SERVICE INSTALLATIONS SHALL CONFORM TO CITY OF ROCHESTER STANDARDS.
- 25) CONTRACTORS SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH PERM AT (603) 438-7708. ALL ELECTRIC CONDUIT INSTALLATION SHALL BE INSPECTED BY PERM PRIOR TO BACKFILL A 48-HOUR MINIMUM NOTICE IS REQUIRED.
- 26) CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH PAPERPOINT COMMUNICATIONS AT (603) 427-5822.
- 27) CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH METROCAST.
- 28) THE SUBJECT PARCEL IS SERVED BY MUNICIPAL WATER AND SEWER.
- 29) ALL NEW ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.
- 30) TESTABLE BACKFLOW PREVENTORS SHALL BE PROVIDED FOR DOMESTIC WATER LINES.
- 31) ALL UTILITIES AND CONSTRUCTION SHALL CONFORM TO APPLICABLE CITY AND STATE CODES.
- 32) ALL CONSTRUCTION SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 33) PROTECTION OF SUBGRADE: THE CONSTRUCTION SHALL BE REQUIRED TO MAINTAIN STABLE, DEWATERED SUBGRADE, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE MITIGATED BY EXCAVATION METHODS, INSURANCE, PROTECTIVE MATING, GRASS/WEEDER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT SUBGRADE FROM EXCESSIVE TRAFFIC AND CONSTRUCTION EQUIPMENT. EXCESSIVE TRAFFIC AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXPOSURE HEAVING OR INSTABILITY SHALL BE OVER EXPOSED TO MORE COMPETITIVE HEAVING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL MEETING THE ENGINEER SPECIFIC RECOMMENDED CRITERIA.

- 34) IF THE EARTHWORK IS PERFORMED DURING FRESHING WEATHER (NOT ALLOWED IN CITY RAIN), EXPOSED SUBGRADE(S) ARE SUSCEPTIBLE TO EROSION. NO TIE OR OUTLETS SHALL BE PLACED ON FLUSH GRADING. THEY WILL LEAKY, REQUIRE REMOVAL, OF A PROVED SOIL, ONLY AT THE COMPLETION OF EACH DAY'S RESOLUTION AGAINST FREEZING.
- 35) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRYM OUT FOR SEVERAL DAYS BEFORE PLACING. ALL STOCKPILING SHALL BE CONFINED TO VARIOUS BERMED STOCKPILES AND CLAYERS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.
- 36) SEE DETAILS CONCERNING SITE LAYOUT, DRAINAGE, UTILITY AND STORMWATER AND EROSION CONTROLS.
- 37) ALL CUT/FILL BANKS SHALL BE PRE-CUT AT 10-20 DEGREE ANGLES AND BE COVERED WITH TOP SOILS (4' MIN.) AND HORNED MATTERS THEREAFTER UNTIL (SEE DETAILS). ROOTS ARE TO BE "THE ILLUMINATION" BY REVEALING THEM. THIS ARE TO BE ABOUT 7' STEEP AND SHALL BE SET FLASH WITH PINK GRADE. UNLESS OTHERWISE INSTRUCTED DURING CONSTRUCTION BY PROJECTOR OWN, THESE ABOVE PINK GRADE WILL NOT BE ACCEPTED. ALL FILL, DITCHES AND COVERS ARE TO BE U.S.A. MAKE.
- 38) ALL EROSION CONTROL MEASURES SHALL INCLUDE PROVISIONS FOR CONSTRUCTION SENSITIVE TEMPORARY EROSION CONTROL, WEAPONS, AND PERMANENT STANDARDS SUCH AS LOW SPEED ROAD FOR DISTURBED AREAS, RATES OF LAKE, TYPE AND RATES FOR FERTILIZATION, AND SEED AND MULCH MIXTURE WITH RATES OF APPLICATION. FERTILIZER SOIL IS PROVIDED OVER THE USE OF SAY FENCE. FENCING IS TO BE USED ON SITE ONLY, AS REQ. AND DIRECTED BY THE SWAMP INSPECTOR.
- 39) SEE SHEET # 6 FOR MILET PROTECTION DETAILS
- 40) ALL DRAINAGE PIPE IS TO BE HOPE, #12, INDIVIDUAL PIPE SIZES ARE SPECIFIED, RECYCLED PIPE IS APPROVED FOR PROJECT SITE. RECYCLED HOPE PIPE, GREEN PIPE IS ACCEPTABLE FOR THIS PROJECT SITE.
- 41) ALL DIVERSIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (TBM) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- 42) NOTE THAT THE PROJECT IS SUBJECT TO THE EPA PHASE II. THE NOTICE OF VIOLATION (NOV) MUST BE CONTACTED BY THE DESIGN ENGINEER.
- 43) UPON FINAL COMPLETION AND BAS STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS TO INCLUDE THE PUMPING OF THE BLISS SOURCE.
- 44) ALL UNPAVED AREAS ARE TO RECEIVE 4" QUALITY LODG AND SEAL
- 45) ALL BASES AND DRIVEWAYS ARE TO HAVE BOOTS INSTALLED ON ALL INLETS AND OUTLETS
- 46) THE LIMITS OF CONSTRUCTION DISTURBANCE SHALL BE STAKED, FLAGGED AND CLEARLY MARKED PRIOR TO THE COMMENCEMENT OF SITE WORK, AS APPROPRIATE.
- 47) ALL TREATMENT SHALL TO BE CONSTRUCTED SHALL HAVE DOO BOTTOMS.
- 48) A LETTER OF CREDIT FOR THE COST OF RE-VEGETATING ALL DISTURBED AREAS ON THE SITE SHALL BE SUBMITTED PRIOR TO ANY EARTH DISTURBANCE ACTIVITY OCCURS, AS MAY BE APPLICABLE.
- 49) A PRE-CONSTRUCTION CONFERENCE WITH THE DEVELOPER, THE DESIGN ENGINEER, THE ENVIRONMENTAL CONTRACTOR AND THE CITY ENGINEER SHALL OCCUR PRIOR TO ANY EARTH DISTURBANCE ACTIVITY.
- 50) BUILDING ADDRESSES SHALL NOT CHANGE.
- 51) THE FOLLOWING GENERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:
EPA NOTICE OF VIOLATION (NOV)
HBOPT (FISHING)
- 52) LIST ANY VARIANCES OR SPECIAL EXCEPTIONS GRANTED BY THE ZONING BOARD OF ADJUDICATOR FOR THE PROPOSED STRUCTURE. NONE
- 53) THIS PLAN PROPOSES 7.63 AC. S.F. OF DISTURBANCE.
- 54) CALL DO SAFE PRIOR TO BEGINNING WORK (1-800-344-7233).
- 55) WRITTEN PERMISSION ON THE PLAN TAKE PRECEDENCE OVER SPOILED PHOTOGRAPHS. THE CONTRACTOR SHALL USE CAUTION WHEN SOLIDIFYING REMOVED PLANTS, IN THE EVENT OF A COMPLAINT BETWEEN THIS PLAN SET AND ANY OTHER DRAWINGS AND/OR SPECIFICATIONS, THE DESIGNER SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONSTRUCTION IS TO CHANGER ALL ELEVATIONS. COMMENTS WILL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
- 56) VEHICLES SHALL BE WASHED OUTSIDE OF THE FACILITY, USING BIOGRADEABLE WASHING DETERGENT.
- 57) THERE SHALL BE NO OUTSIDE STORAGE OF TREES, SPARE PARTS, MATERIALS, ETC.
- 58) VEHICLES ARE ONLY TO BE STORED OR PARKED ON THE PARCELS, AND NOT WITHIN THE RIGHT OF WAY.
- 59) SHOW IS TO BE MOVED OFF-SITE ONCE SNOW STORAGE AREAS ARE FULL.
- 60) DIRECTION (R) PARKING SPACES ARE TO REMAIN OPEN FOR CUSTOMER/Employee PARKING.
- 61) PERFORMANCE GUARANTEE. THE APPLICANT PRIOR TO ISSUANCE OF A BUILDING PERMIT OR BEGINNING SITE WORK, SHALL PROVIDE SURETY BONDING AND RESTORATION SECURITY. THE PERFORMANCE GUARANTEE SHALL BE AN AMOUNT EQUAL TO 10% OF THE APPROVED CONSTRUCTION COST ESTIMATE (INCLUDING A 10% CONTINGENCY) TO ENSURE THE PROJECTOR LOANED TO THE COMPLETION OF THE SITE WORK AND SITE RESTORATION WITHIN THE DEVELOPMENT.
RESTORATION SHALL BE ACCORDING TO THE ORDERED TO TWO PARTIES, OR EMPLOYER AGREED. THE APPLICANT SHALL PROVIDE A COST ESTIMATE OF RESTORING SITE WORK, INCLUDING LABOR AND PROVIDE THE CITY WITH A SECURITY FUND AT 10% OF THE ESTIMATED COST FOR REMAINING SITE WORK. (ANY EXISTING SURVEY BOUND HELD AT THIS TIME MAY BE CONSIDERED TOWARD THIS AMOUNT.) THIS AMOUNT SHALL INCLUDE PREPARATION OF AS-BUILT PLANS.
CONSTRUCTION COST ESTIMATE FOR THIS PROJECT SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY ENGINEER. THE CITY ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY AND SHALL INCLUDE A 10% CONTINGENCY COSTS FOR ITEMS NOT SPECIFICALLY ADDRESSED IN THE SAFETY SCHEDULE. WILL BE BASED ON (1) CITY STANDARDS, 2) HIGHEST WEIGHTED ADVISORS, 3) INDUSTRY STANDARDS, OR 4) CONTRACTOR ESTIMATES.

GENERAL NOTES
FOR
21 FARMINGTON ROAD, LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, N.H.
TAX MAP 218, LOT 29

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}

SCALE : NONE

DATE : MARCH 30, 2015

FILE NO. : DB 2014-149

N/F TOX, DONALD & SCORSE 1
C/O 10701 13 HANOVER DRIVE
ROCHESTER, NH 03607
SCALE BOOK 3378, PAGE 474
TAX MAP 201, LOT 28

N/F COOK, N. WALKS B
C/O 23 FARMINGTON ROAD
ROCHESTER, NH 03607
SCALE BOOK 3378, PAGE 474
TAX MAP 201, LOT 28

BLADE FROM
FOUND 0.5' TALL
N 201505.30
E 1101505.50

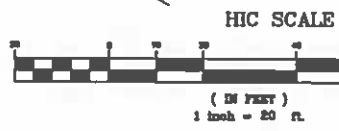
FOUND 1.5' TALL
N 201517.24
E 1101517.26

BLADE FROM
FOUND 0.5' TALL
N 201505.30
E 1101505.50

FARMINGTON ROAD

ROUTE 11

CENTER TURNING LANE



**BERRY & SURVEYING
& ENGINEERING**
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}
SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 30, 2015
FILE NO. : DB 2014 -149

PROPOSED SITE PLAN
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03607
TAX MAP 216, LOT 29

ROCHESTER PLANNING # 216-29-GRD-2015		
REVISION	DATE	DESCRIPTION
1-13-16	11-05-15	PER NHDOT DRIVEWAY PERMIT & FINAL REVIEW
2-13-16	11-05-15	PER NHDOT DRIVEWAY PERMIT APPLICATION
3-13-16	11-05-15	REVISION FOR 30' ACCESS EASEMENT
4-13-16	11-05-15	PER NHDOT AND CONDITIONS OF APPROVAL
5-13-16	11-05-15	PER NHDOT TRC REVIEW
6-13-16	11-05-15	POST-APPLICATION TECHNICAL REVISIONS

Coffed 3/3/16
Chief Planner

- PARKING REQUIREMENTS:**
- 1 SPACE PER 900 S.F. OF BUILDING AREA - 4,700 S.F. / 900 S.F. = 5 SPACES
 - 1 SPACE PER 400 S.F. OF OUTSIDE DISPLAY AREA - 1,200 S.F. / 400 S.F. = 3 SPACES
 - 8 SPACES FOR MOTOR VEHICLE SALES
 - 4 SPACES PER BAY - 4 x 2 BAYS = 8 SPACES
 - 12 TOTAL SPACES REQUIRED
 - 9 SPACES IN FRONT OF BUILDING, PLUS 9 EMPLOYEE PARKING SPACES BEHIND BUILDING
 - 18 TOTAL SPACES PROVIDED



- 1) HERBERT CEMETERY THAT, TO THE BEST OF MY KNOWLEDGE, IS LOCATED UNDER THE FLOOD PLAIN FLOOD HAZARD ZONE, REVIS COMMUNITY - 330100, COAST GUARD, DATED MAY 17, 2008 & FEMA COMMUNITY - 330100000, DATED MAY 17, 2008
- 2) VERTICAL DATA BASED ON USGS NAVD83 ELEVATIONS, HORIZONTAL COORDINATES BASED ON NAD 83, (CITY OF ROCHESTER, NH - CONTROL POINTS 340 & 341)
- 3) SOURCE: UNICITY LOCAL ROAD, 3-OR SLOPE THROUGHOUT
- 4) SOURCE: USGS - 330100000, DATED MAY 17, 2008
- 5) SUPERNOUS COVER, EXISTING, 04/08 SQ. FT. 1.15 AC. 53.3% PROPOSED, 42/77 SQ. FT. 1.08 AC. 46.6%
- 6) THERE SHALL BE NO OUTSIDE STORAGE OF TRUCKS, SPARE PARTS, MATERIALS, ETC.
- 7) VEHICLES ARE ONLY TO BE STORED ON PAVED ON THE PAVEMENT.
- 8) SNOW IS TO BE MOVED OFF-SITE ONCE SNOW STORAGE AREAS ARE FULL.
- 9) SET LOT LINE REVISION PLAN, S.C.R.D. 103-048, ACCESS TO THESE FIVE PARKING SPACES MAY NOT BE BLOCKED AND "NO WIDE ADDRESS AND EGRESS RIGHT OF WAY FOR CARDINALS PLAZA"
- 10) PROPOSED DRIVEWAY PERMIT APPLICATION
- 11) 10' NO PARKING
- 12) 10' NO STOPPING

NOTES:
1) OWNER: 21 FARMINGTON ROAD LLC
548 US HIGHWAY 1 BYP
PORTSMOUTH, NH 03801-4131

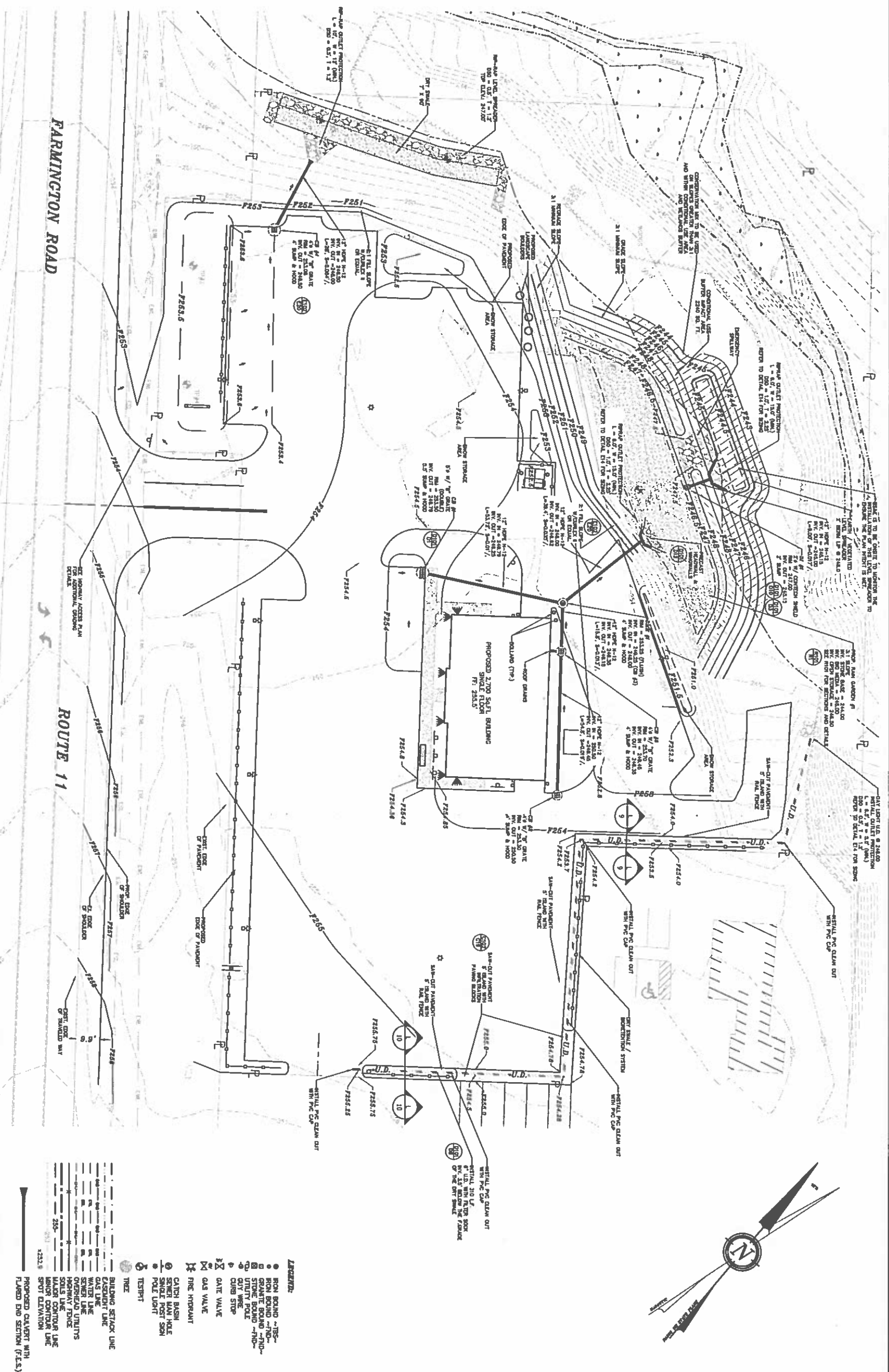
2) TAX MAP 216, LOT 29

3) LOT AREA: 93,032 Sq. Ft., 2.15 AC.

4) S.C.R.D. BOOK 4245, PAGE 828

5) ZONING: GRD - GRANTE HOME DEVELOPMENT SETBACKS:
FRONTAGE: 30 FEET, MINIMUM
SIDE: 30 FEET, MINIMUM
REAR: 30 FEET, MINIMUM
MAX. LOT COVERAGE: NO REGULATION
FRONT SETBACK: NO REGULATION
SIDE SETBACK: NO REGULATION
REAR SETBACK: NO REGULATION
PAVED FRONT YARD: 10 FEET
SIDE YARD: 5 FEET
REAR YARD: 10 FEET
CONSERVATION OVERLAY DISTRICT
ADJACENT PROTECTION OVERLAY DISTRICT





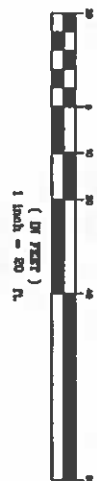
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}
SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 30, 2015
FILE NO. : DB 2014 -149

PROPOSED GRADING & DRAINAGE PLAN
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03867
TAX MAP 216, LOT 29

ROCHESTER PLANNING # 216-29-GRD-2015		
#8	12-17-15	PER NHDOT DRIVEWAY PERMIT REVIEW
#5	11-05-15	PER NHDOT DRIVEWAY PERMIT APPLICATION
#4	8-04-15	REDESIGN FOR 30' ACCESS EASEMENT
#3	5-13-15	PER H.L.O. AND COMMITTEE OF APPROVAL
#2	4-20-15	PER ROCHESTER TRC REVIEW
#1	4-08-15	POST-APPLICATION TECHNICAL REVISIONS
REVISION	DATE	DESCRIPTION

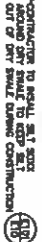
R

N/F BGF-A LLC
240 RIVERSIDE DRIVE
AUGUSTA, ME 04330-4135
S.C.R.D BOOK 3973, PAGE 71
S.C.R.D BOOK 4000, PAGE 98
TAX MAP REF. LOT 904



FLAG ~ HINCKLEY LOAMY SAND, 3 TO 8% SLOPES

The soil erosion factor (*K*) of hillside slope is relatively low in soils developed by construction (0–6%), compared to that of the soil profiles and ensure that proper erosion prevention and sediment control measures are taken at all times. Any deviating requirements in new HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CARRIAGE OF SECTION 9.1.1." (STATE OF NEW HAMPSHIRE CONDITIONS) AND OTHER NON-SPECIFIC INFORMATION FOR THE U.S. EPA (2012). MODES CONSTRUCTION GENERAL PERMIT ("GP") DATED MAY 1, 2012 INCLUDED IN THE SWPPP.



- [illegible]

- 3/4 REBAR W/ID CAP (10 BE SEI)
- IRON BOUND (FIB)

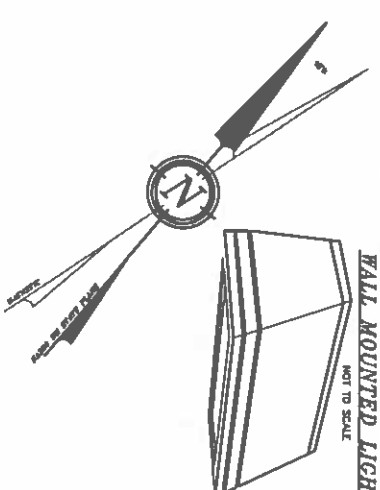
1. STONE BOUND (FWD)
 2. UTILITY POLE
 3. EXISTING FIRE HYDRANT
 4. EXISTING SEWER MANHOLE
 5. EXISTING WATER VALVE
 6. BENCHMARK
 7. PROPOSED CATCH BASIN
- PROPOSED ALUVENT & FLARED END SECTION
- APPROXIMATE LOCATION OF WATER LINE
 APPROXIMATE LOCATION OF SEWER LINE
 TREE LINE, EXISTING OR PROPOSED
 EDGE OF PAVEMENT (EXISTING)
 EDGE OF PAVEMENT (EXISTING - TBR)
 EDGE OF PAVEMENT (PROPOSED)
- PROPOSED STOCKADE FENCE
- EXISTING MAJOR CONTOUR
 EXISTING MINOR CONTOUR
 PROPOSED MAJOR CONTOUR
 PROPOSED MINOR CONTOUR
- SLOPE FENCE / EROSION MAX BEAM
 PLATEX 12" SILT SOCK
 ORANGE CONSTRUCTION PERIMETER FENCE
 RIP RAP STONE CHECK DAM
- RIP RAP OUTLET PROTECTION /
 LEVEL SPREADER

PROPOSED SEDIMENT & EROSION CONTROL
PLAN
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03867
TAX MAP 216, LOT 29

REVISION	DATE	DESCRIPTION
#3	11-5-15	PER NHDOT DRIVEWAY PERMIT APPLICATION
#4	8-04-15	REDESIGN FOR 30' ACCESS EASEMENT
#5	5-22-15	PER N.D.O.T. AND CONDITIONS OF APPROVAL
#2	4-20-15	PER ROCHESTER TIRG REVIEW
#1	4-08-15	POST-APPLICATION TECHNICAL REVISIONS

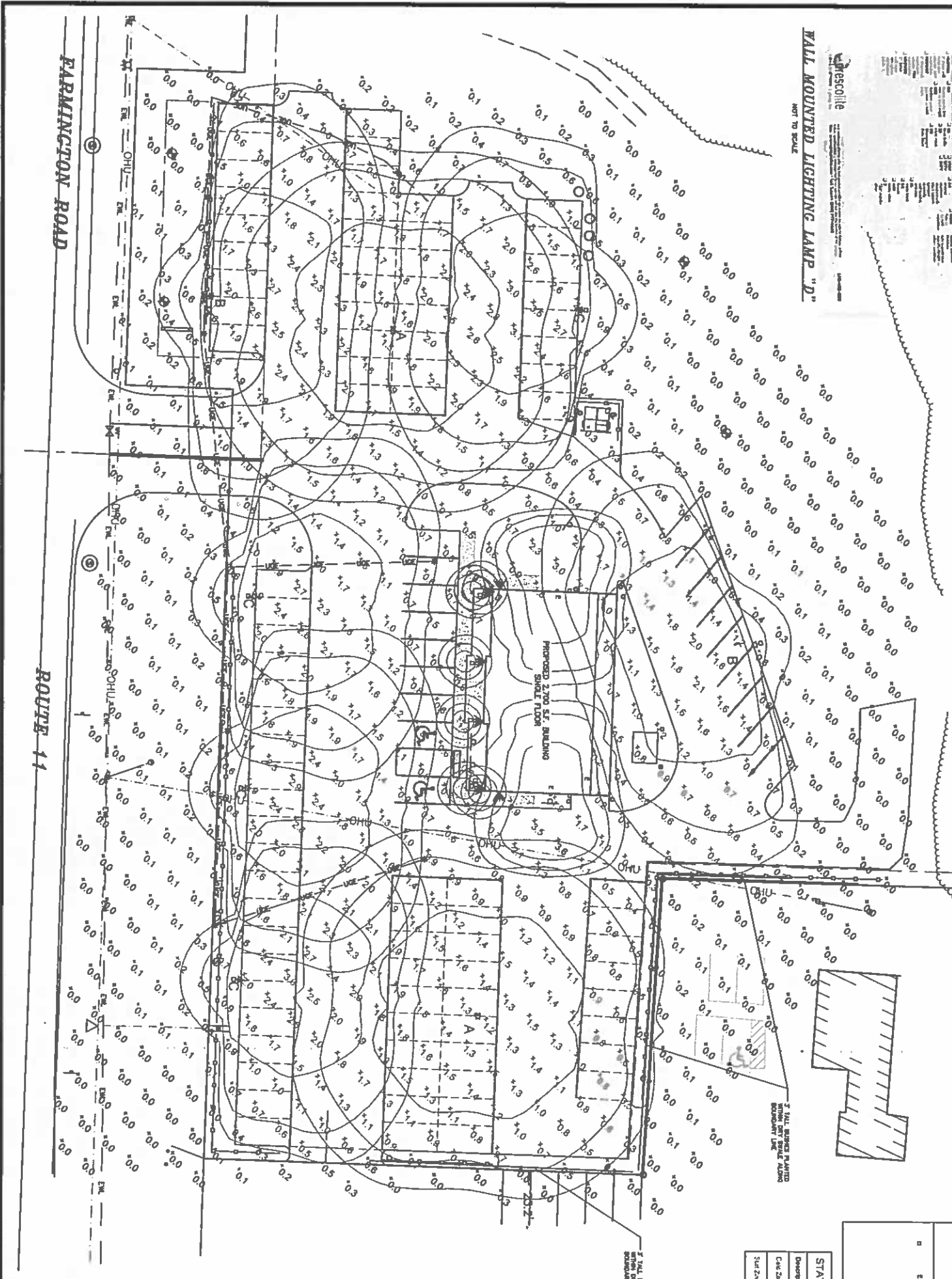


WALL MOUNTED LIGHTING LAMP "D"



WALL MOUNTED LIGHTING LAMP "E"

- NOTES:
- 1) OWNER: 21 FARMINGTON ROAD LLC, 21 FARMINGTON ROAD, PORTSMOUTH, NH 03801-4131
 - 2) TAX MAP 216, LOT 29
 - 3) LOT AREA: 93,832 SQ. FT., 2.15 AC.
 - 4) SCRD. BOOK 4248, PAGE 828
 - 5) REFER TO THE SITE PLAN FOR POLE PLACEMENT AND HEIGHTS.
 - 6) ALL LAMPS ARE NIGHT SKY COMPLIANT AND ARE TO BE DOWN LIT. LAMPS B AND C HAVE REAR SHIELDS FOR FORWARD THROW ONLY. LAMP A IS NOT SHIELDED.
 - 7) ALL LOT LAMPS ARE TO BE PLACED ON A SINGLE TURNER WHICH TURNS THE LAMP OFF AT 11:00 P.M. AND TURNS THEM BACK ON AT 4:30 A.M. & OFF AGAIN AT 7:00 A.M. REAR SHIELDS ARE TO BE REGULATED BY A SECURITY RELEASER. PLEASE NOTE BUILDING LAMPS ARE EITHER LOW LUMEN OR FULL CUT OFF.



STATISTICS

Description	Symbol	Avg	Max	Min	Max/min	Angle/ft
Calc Zone #1	+	0.8 fc	3.8 fc	0.0 fc	N/A	N/A
Calc Zone #2	X	1.4 fc	3.8 fc	0.2 fc	18.0 ft	7.8 ft

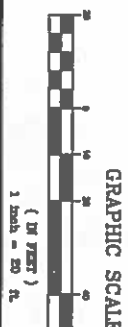
LUMINAIRE SCHEDULE					
Symbol	Label	Qty	Catalog Number	Description	Lamp
A	2	DSXD LED 400 1000 400 73M W/O CUT	DSXD LED WITH (2) 30 LED OPTIC, 4000K, @ 1000W	LED	DSXD LED 40 C, 1000, 400, 73 M, W/O CUT, 30 W, 1000W, 4000K, @ 1000W
B	3	DSXD LED 400 1000 400 73M W/O CUT	DSXD LED WITH (2) 30 LED OPTIC, 4000K, @ 1000W WITH HOUSING SIDE SHIELD	LED	DSXD LED 40 C, 1000, 400, 73 M, W/O CUT, 30 W, 1000W, 4000K, @ 1000W
C	4	DSXD LED 400 1000 400 73M W/O CUT	DSXD LED WITH (2) 30 LED OPTIC, 4000K, @ 1000W WITH HOUSING SIDE SHIELD	LED	DSXD LED 40 C, 1000, 400, 73 M, W/O CUT, 30 W, 1000W, 4000K, @ 1000W
D	6	DSXD LED 400 1000 400 73M W/O CUT	DSXD LED WITH (2) 30 LED OPTIC, 4000K, @ 1000W WITH HOUSING SIDE SHIELD	LED	DSXD LED 40 C, 1000, 400, 73 M, W/O CUT, 30 W, 1000W, 4000K, @ 1000W
E	2	WATV ROAD ID	WATV ROAD ID ARCHITECTURAL SCENE, 12W WATT METAL HOUSING, MEDIUM PATTERN, 12W REFLECTION CLEAR, 1/2" GLASS LENS, 1/2" METAL HOUSING FRIENDLY CRITERIA	ONE 12W WATT CLEAR LED METAL HOUSING, HORIZONTAL POSITION, HORIZONTAL BASE UP	WATV ROAD ID ARCHITECTURAL SCENE, 12W WATT METAL HOUSING, MEDIUM PATTERN, 12W REFLECTION CLEAR, 1/2" GLASS LENS, 1/2" METAL HOUSING FRIENDLY CRITERIA

D-Series Size 0 LED Area Luminaire

Specifications:

- Size: 0
- Length: 30"
- Width: 12"
- Height: 12"
- Weight: 12 lbs
- Material: Aluminum
- Finish: Powder Coat
- Color: White
- Light Output: 10,000 lumens
- Beam Spread: 120°
- Mounting: Pole Mount
- Adjustable: Yes
- Warranty: 5 years

Example: DSXD LED 400 1000 400 73M W/O CUT



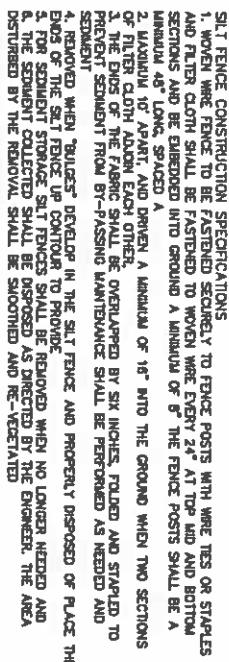
GRAPHIC SCALE

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}
SCALE : 1 IN. EQUALS 20 FT.
DATE : MARCH 30, 2015
FILE NO. : DB 2014 -149

PROPOSED LIGHTING PLAN
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03867
TAX MAP 216, LOT 29

ROCHESTER PLANNING # 216-29-GRD-2015

REVISION	DATE	DESCRIPTION
2242	0-04-15 0-22-15 4-20-15 08-15	REDESIGN FOR 30' ACCESS EASEMENT PER N.O.D. AND CONDITIONS OF APPROVAL PER ROCHESTER TRG REVIEW POST-APPLICATION TECHNICAL REVISIONS



SILT FENCE DETAIL

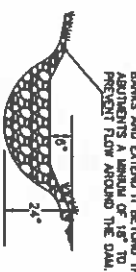
[illegible]

1. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 MCH STONE.
2. FOR A STABILIZED ENTRANCE, STONE SHALL NOT BE LESS THAN 60 PCT, EXCEPT THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 4 FEET.
3. FOR A STABILIZED LOT, STONE SHALL NOT BE LESS THAN 4 FEET.
4. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
5. DRINKING WATER AND SEWERAGE PIPES SHALL BE COVERED BY A FILL WHICH RISES TO THE TOP OF THE STONE.
6. GEOTECHNICAL FILTER CLOTH SHALL BE PLACED OVER THE PIPES BEFORE PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SHALE PLAINLY RESISTED LOT.
7. ALL SURFACE WATER THAT IS FLOWING TO OR DRAINING TOWARD THE CONSTRUCTION ENTRANCE SHALL BE COLLECTED BY A DRAINAGE DITCH OR DRAINAGE CANAL WITH 5:1 SLOPES AND SHALL NOT BE DISCHARGED BY ANY OTHER MEANS.
8. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT PREVENT TRAILING OR FLOWING OF SEDIMENT AND PLANK NORTH-OF-WAY. THIS MAY REQUIRE PRECUT TOP PRESSING WITH A 1:1 SLOPE TO A 5:1 SLOPE TO THE NORTH-OF-WAY. SEDIMENT AND PLANK SHALL BE REMOVED FROM THE NORTH-OF-WAY MUST BE REMOVED PROMPTLY.

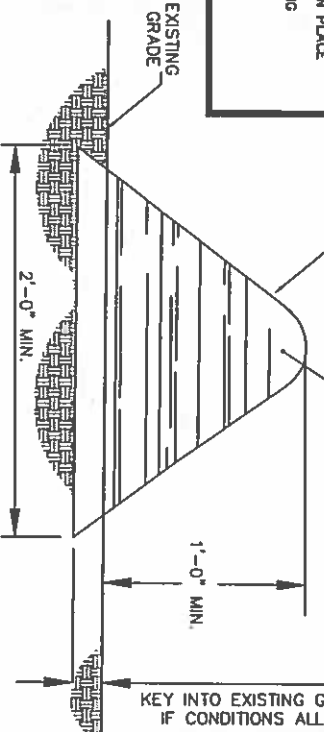
L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION



1. CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE STABLE OR ANTIWASH DITCH.
2. THE MAXIMUM CONSTRUCTING MAXIMUM AREA TO THE DAM SHOULD BE LESS THAN ONE ACRE.
3. THE MAXIMUM HEIGHT OF THE DAM SHOULD BE TWO FEET.
4. THE CENTER OF THE DAM SHOULD BE AT LEAST SIX INCHES LOWER THAN THE OUTLET DITCH.
5. THE MAXIMUM SPACING IS AS SHOWN ON THE PROJECT SITE PLANS.
6. CHECK DAMS WILL NOT BE USED IN A FLOODING STREAM.
7. TEMPORARY CHECK DAMS WILL BE REMOVED ONCE THE SMALLER OF TWO IS DETERMINED STABLE.

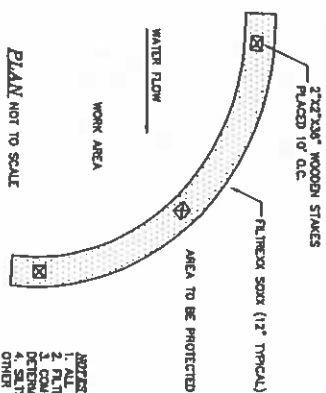


CONSTRUCT AT
ANGLE OF REPOSE
EROSION CONTROL MIX



- (1) EROSION CONTROL: MAX BERMS SHALL BE USED ONLY AS FOLLOWS:
 - (a) BERMS SHALL BE INSTALLED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION. THERE SHALL BE NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY.
 - (b) THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE.
 - (c) THE BERMS SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
 - (d) SUBJECT TO (C), BELOW THE MAX SHALL HAVE AN ORGAINIC PORTION BETWEEN 80 AND 90 PERCENT. THE MAX SHALL HAVE AN ORGAINIC PORTION BETWEEN 60 AND 80 PERCENT.
 - (e) BARK, STUMP COMBOS, COMPOSTED BARK, OR COMPACTED MANUFACTURED PRODUCTS SHALL NOT BE USED AS ORGAINIC MATERIAL.
 - (f) THE MAX SHALL NOT COMPACTED OR TAMPED ON ONE SLOPE.
 - (g) THE MAX SHALL NOT BE PLANTED WITH ANY TYPE OF PLANT TO LAST PASSING A 6-INCH FORKED AND A MAXIMUM OF ROOT PASSING THE 0.75-INCH SCREEN.
 - (h) THE MAX PH SHALL BE BETWEEN 5.0 AND 8.0.
- (2) THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.

E10

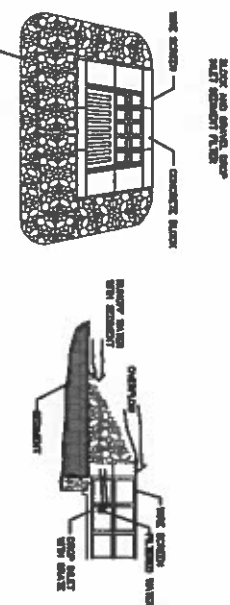


BALES TO REMAIN UNTIL SUBBASE PREPARATION IS COMPLETE AND PAVING IS TO BEGIN OR UNTIL ALL UPSTREAM AREAS ARE STABILIZED WITH VEGETATION.

CONSTRUCTION, SPECIFICATIONS FOR STRAW OR HAY BALE BARRIERS

- [illegible]

SEDIMENT CONTROL AT CATCH BASINS



MAINTENANCE

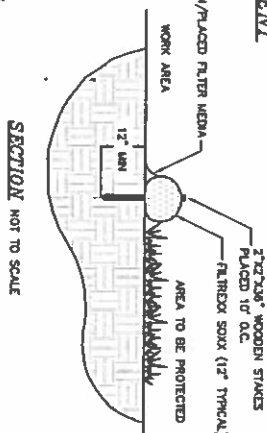
ALL STRUCTURES SHOULD BE INSPECTED AFTER EVERY RAIN STORM AND REPAIRS MADE AS NECESSARY. SEDIMENT SHOULD BE REMOVED FROM TRAPPING DEVICES AFTER THE SEDIMENT HAS REACHED A MAXIMUM OF ONE HALF THE DEPTH OF THE TRAP. THE SEDIMENT SHOULD BE DISPOSED OF IN A SUITABLE AREA AND PROTECTED FROM EROSION BY EITHER STRUCTURE OR VEGETATIVE MEANS. THE TEMPORARY TRAPS SHOULD BE REMOVED AND THE AREA REPAIRED AS SOON AS THE CONTRIBUTING DRAINAGE AREA TO THE INLET HAS BEEN COMPLETELY STABILIZED.

**BLOCK & GRAVEL DROP
INLET SEDIMENT FILTER**

NOT TO SCALE

TO BE USED IN ALL
AREAS WHERE THERE WILL
BE NO TRAFFIC.

**REXX SEDIMENT
CONTROL
NOT TO SCALE**



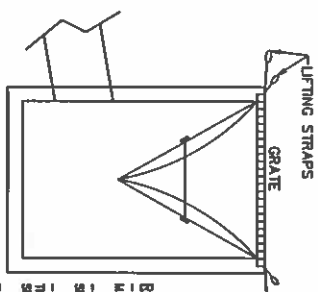
STAKED HAYBALE DETAIL



E8 TEMPORARY EROSION CONTROL MEASURES

1. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
2. EROSION, SCOURMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
3. ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRAD AND ELEVATION. DISTURBED AREAS SHALL BE LOADED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN ONE POUND OF SEED PER 100 SQUARE YARDS OF AREA. (SEE SEED SPECIFICATIONS E102).
4. ALL DISTURBED AREAS SHALL BE RESTABILIZED WITHIN 60 DAYS, AT ANY ONE TIME, NO MORE THAN 5 ACRES (217,600 Sq. Ft.) WILL BE DISTURBED.
5. SALT FENCES AND STRAW OR HAY BALE BARRIERS SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY RAIN DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED. SCOURED DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
6. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE AREA RESTORED BY THE REMOVAL, SMOOTHERD AND RE-VEGETATED.
7. PER THE EPA REQUIREMENTS THERE WILL BE A LOG OF THE EROSION CONTROL MEASUREMENTS DURING 7-14 DAYS. PLEASE LOG AND SHIPP INPROVED BY BSAE (AFTER LOCAL APPROVAL) DITCHES, SWALES, AND BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
8. ALL EROSION CONTROL SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.5" OR GREATER RAIN EVENT.

E11



SILTSACK DETAIL

E-101

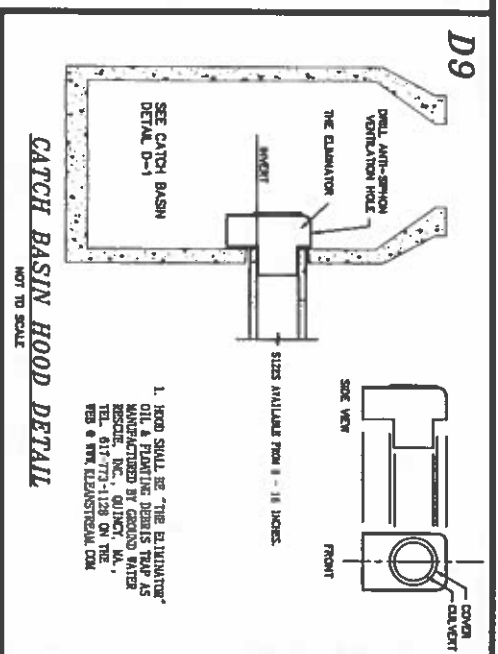
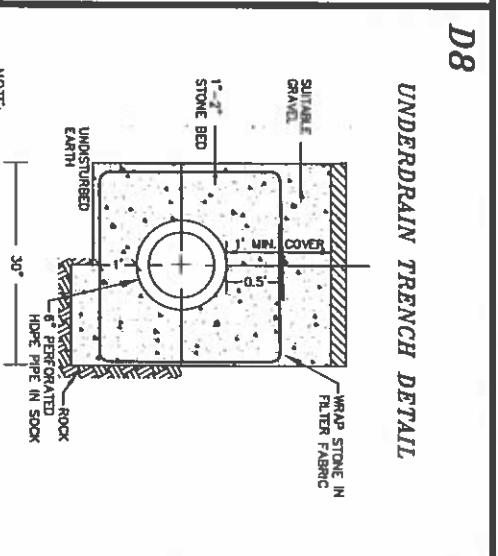
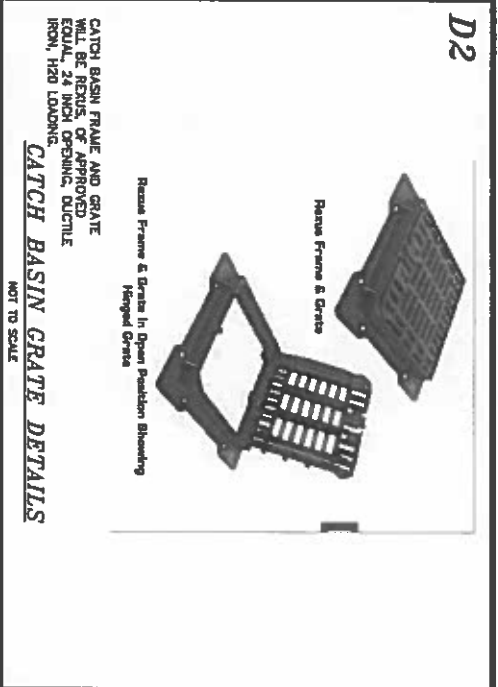
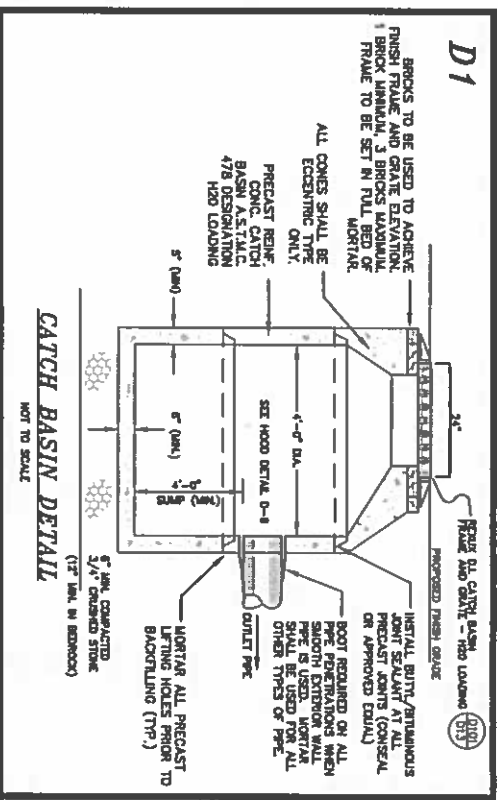
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)

SCALE :	AS MARKED
DATE :	MARCH 30, 2015
FILE NO. :	DB 2014-149

SEDIMENT AND EROSION CONTROL DETAILS
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03867
TAX MAP 216, LOT 29

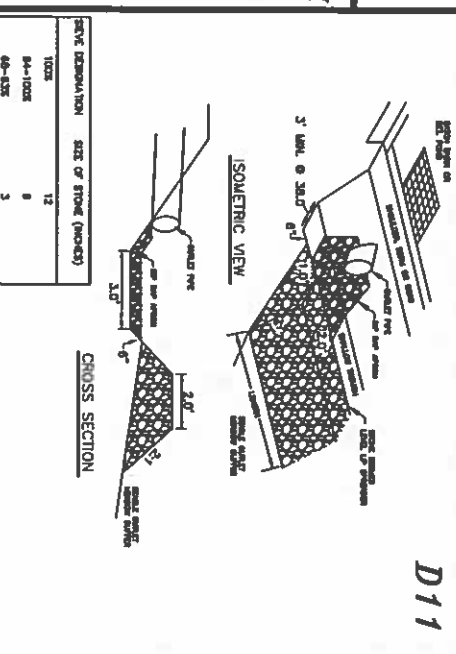
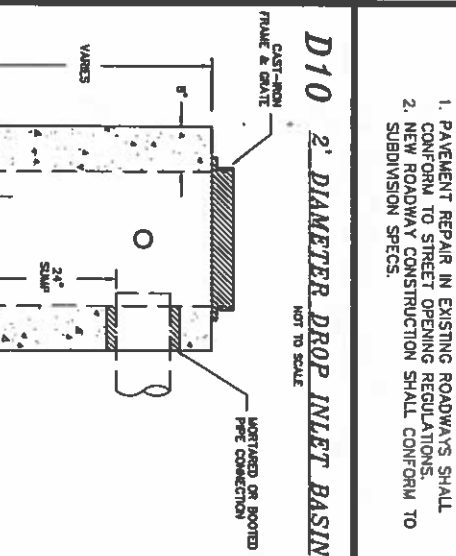
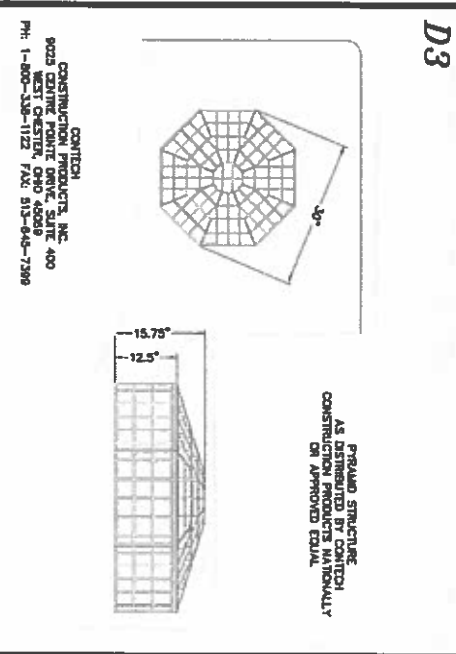
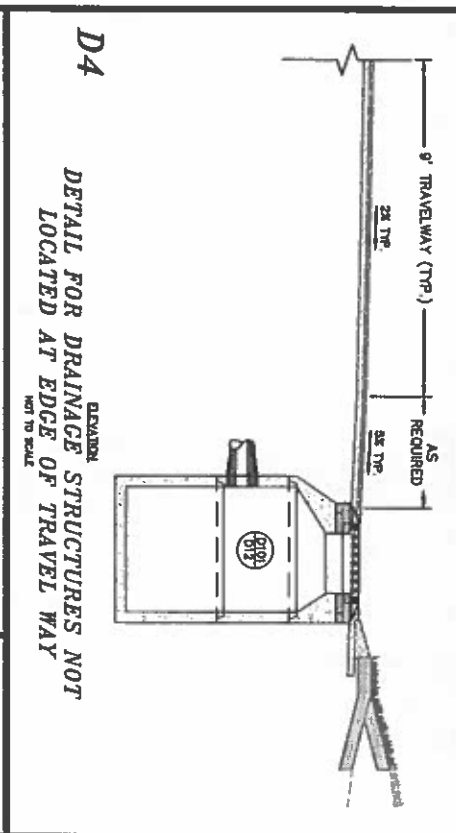
ROCHESTER PLANNING FILE: 216-29-GRD-2015

#3	9-22-18	PER N.O.D. AND CONDITIONS OF APPROVAL
#2	4-20-18	PER ROCHESTER TRO REVIEW
#1	4-08-13	POST-APPLICATION TECHNICAL REVISIONS
REVISION	DATE	DESCRIPTION

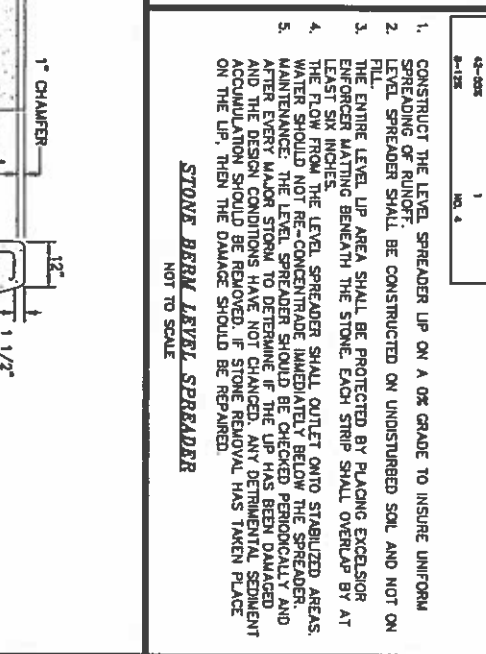
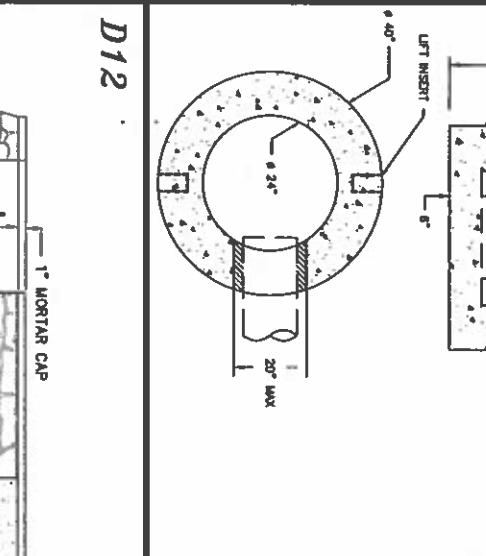
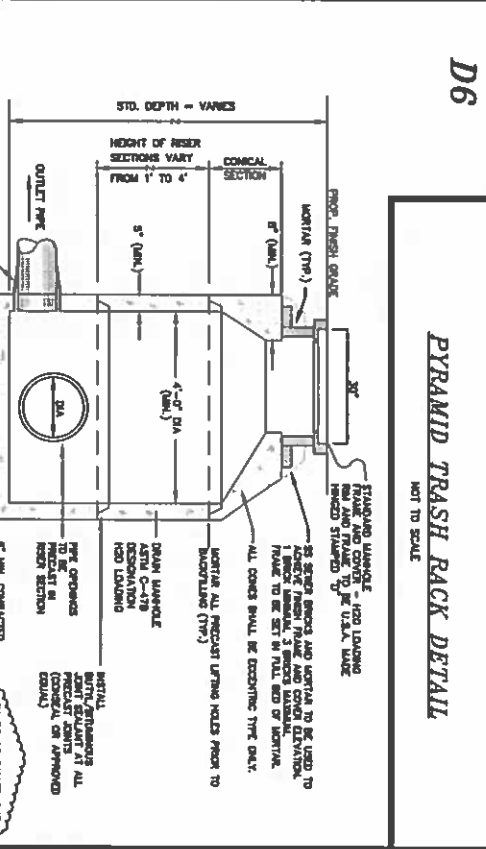
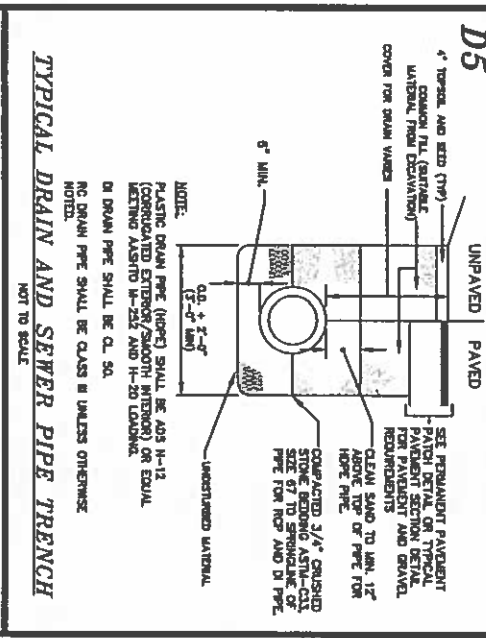


ROCHESTER PLANNING FILE: 216-29-GRD-2015

REVISION	DATE	DESCRIPTION
1-15-16	1-15-16	PER PERMIT ACCESS PERMIT & FINAL REVIEW
2-15-16	2-15-16	PER N.O.D. AND CONDITIONS OF APPROVAL
3-15-16	3-15-16	PER ROCHESTER TRG REVIEW
4-08-15	4-08-15	POST-APPLICATION TECHNICAL REVISIONS



DESIGNATION	SIZE OF STONE (INCHES)	NO.
100S	12	1
84-100S	8	2
66-100S	3	3
42-100S	1	4



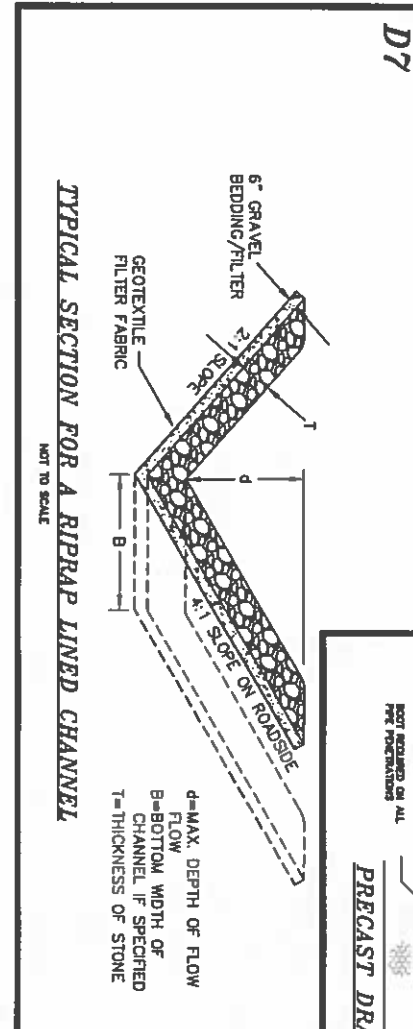
BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)

SCALE : AS MARKED

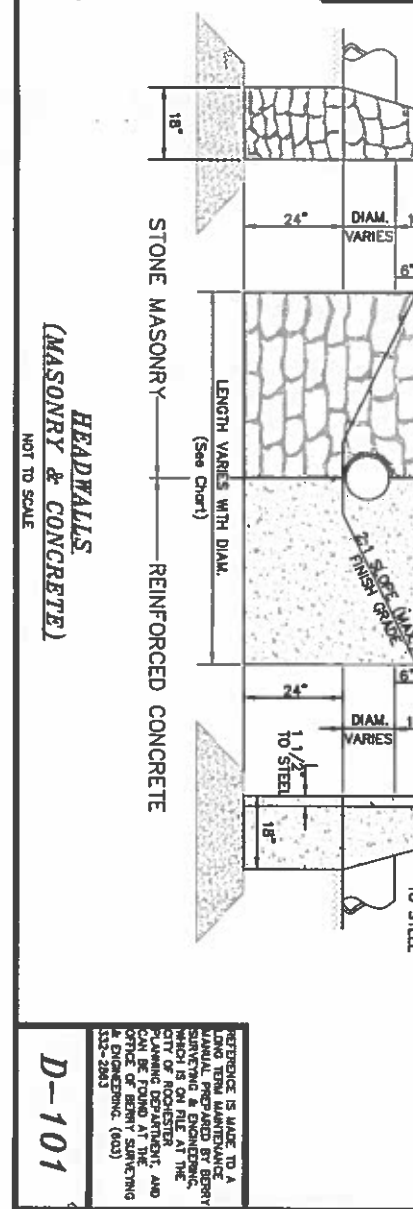
DATE : MARCH 30, 2015

FILE NO. : DB 2014-149

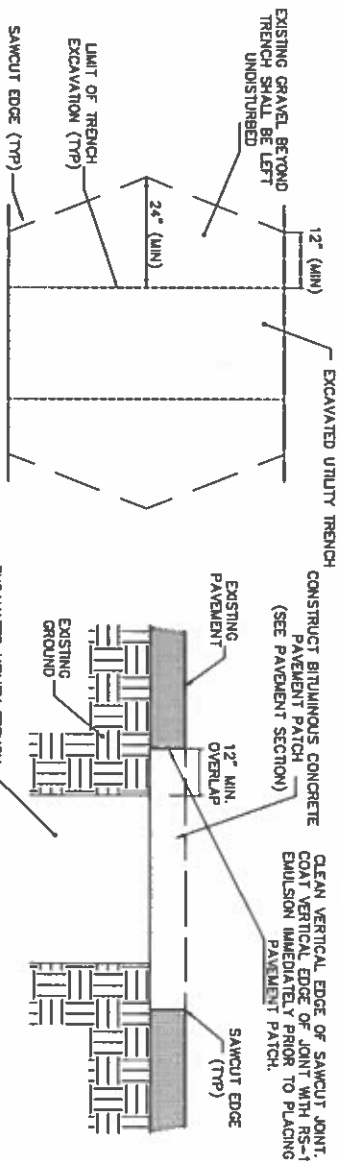
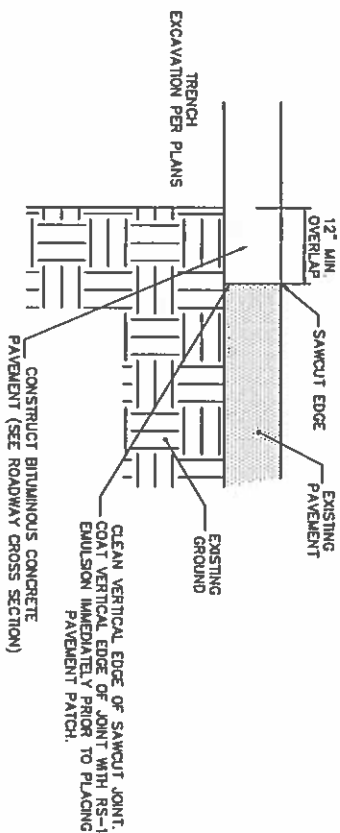


ALL STEEL SHALL BE #5 REINFORCING STEEL, SPACED @ 12\"/>

DIAMETER	12"	15"	18"	24"	30"
LENGTH	3'-6"	4'-6"	5'-6"	7'-6"	9'-6"
CONC. (Cu. Yd.)	0.65	0.91	1.22	1.95	2.86
STEEL (Lbs.)	9	11	14	20	25



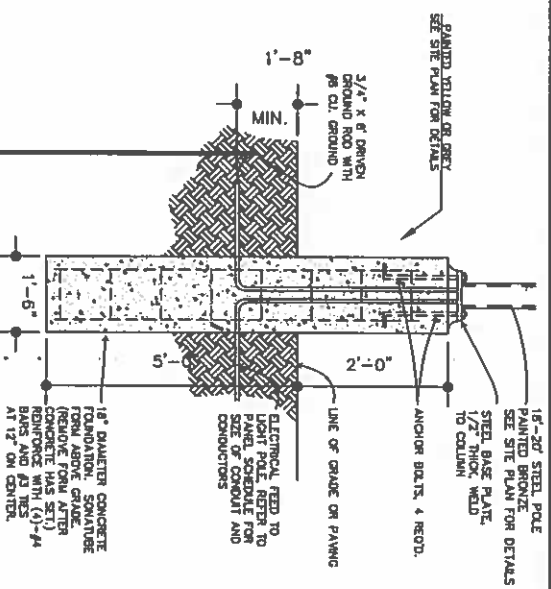
C11



NOTES:
1. MACHINE CUT EXISTING PAVEMENT.
2. ALL TEMPORARY, DAMAGED, OR DEFECTIVE PAVEMENT SHALL BE REMOVED PRIOR TO PLACEMENT OF PERMANENT TRENCH REPAIRS.
3. DIAMOND PATCHES, SHALL BE REQUIRED FOR ALL TRENCHES CROSSING ROADWAY. DIAMOND PATCHES SHALL MEET INDOT REQUIREMENTS.

TYPICAL TRENCH PATCH
NOT TO SCALE

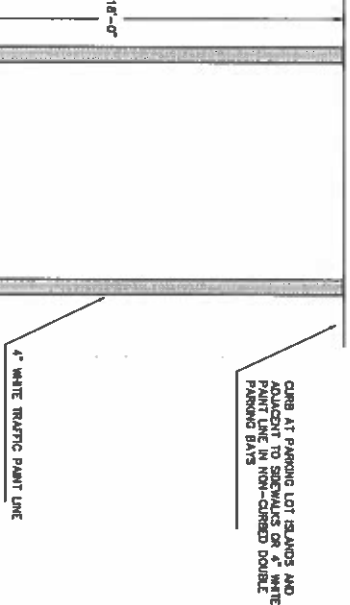
C12



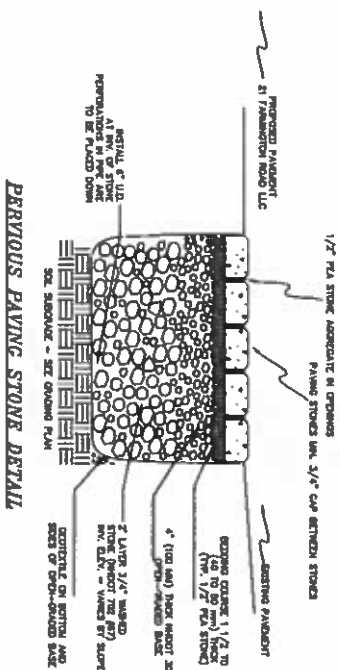
PARKING LOT LIGHT BASE DETAIL
SCALE: NONE

PARKING SPACE DETAIL
SCALE: NONE

C14



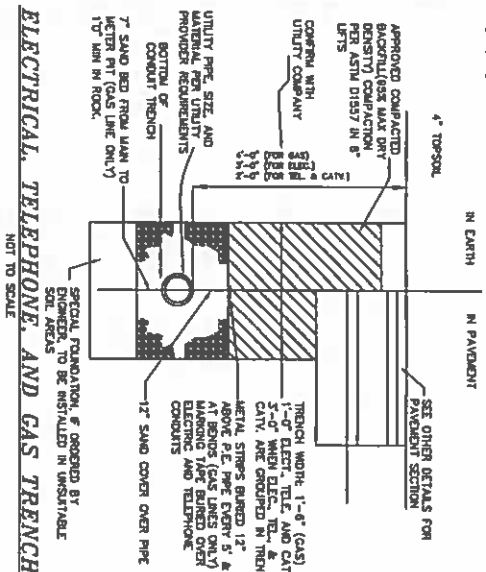
C19



NOTES:
1. PAVING STONE INFILTRATION AREA IS TO MATCH THE BROUGHT-ON DRY-SWALE CONSTRUCTION ADJACENT ON BOTH ENDS.

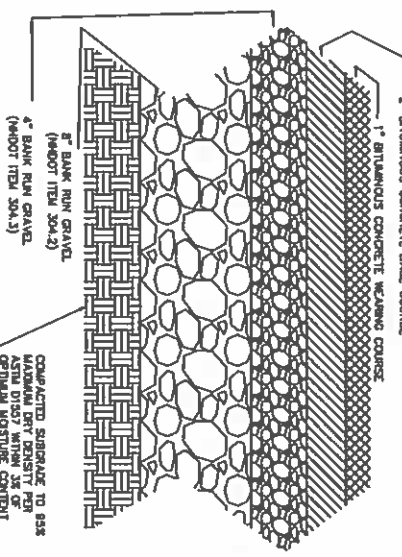
PERVIOUS PAVING STONE DETAIL

C13



ELECTRICAL, TELEPHONE, AND GAS TRENCH
NOT TO SCALE

C15



NOTES:
1. BITUMINOUS MATERIALS SHALL CONFORM TO INDOT SPECIFICATION SUBSECTION 401.13A.
2. PAVEMENT BASE COURSE AGGREGATE SHALL CONFORM TO INDOT SPECIFICATION SECTION 304.1 AND 304.2, AND COMPACTED TO A MINIMUM OF 95% OF ADOPTED PROCTOR MAXIMUM DRY DENSITY.
3. PAVEMENT SUBBASE COURSE AGGREGATE AND AGGREGATE FILL AND BASE MATERIALS SHALL BE LIMITED TO THE FOLLOWING: 3/4\"/>

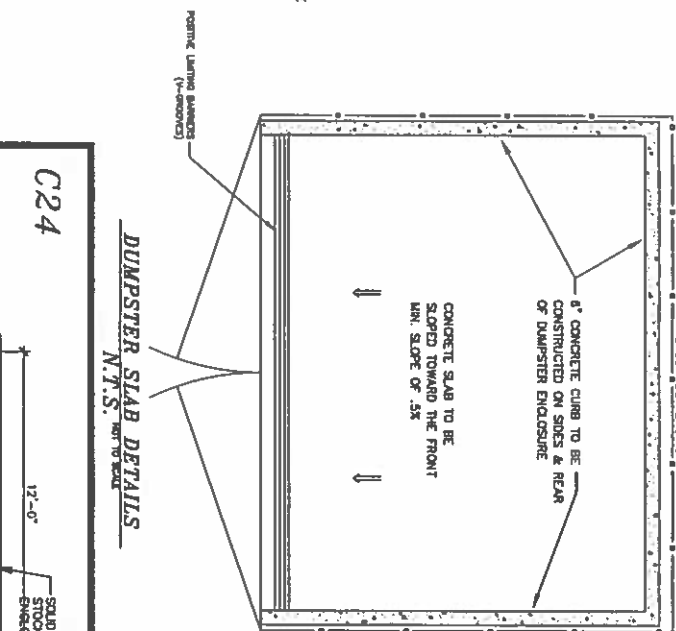
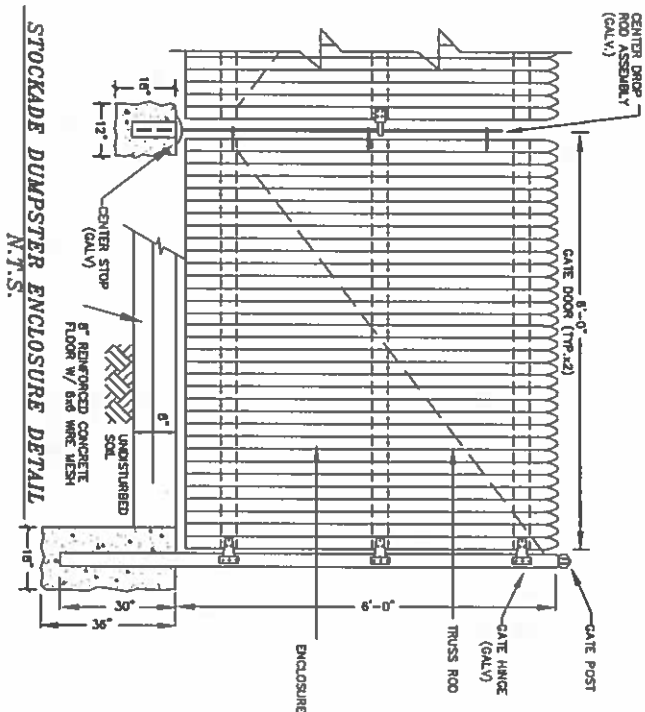
BITUMINOUS CONCRETE PAVEMENT SECTION
NOT TO SCALE

C16

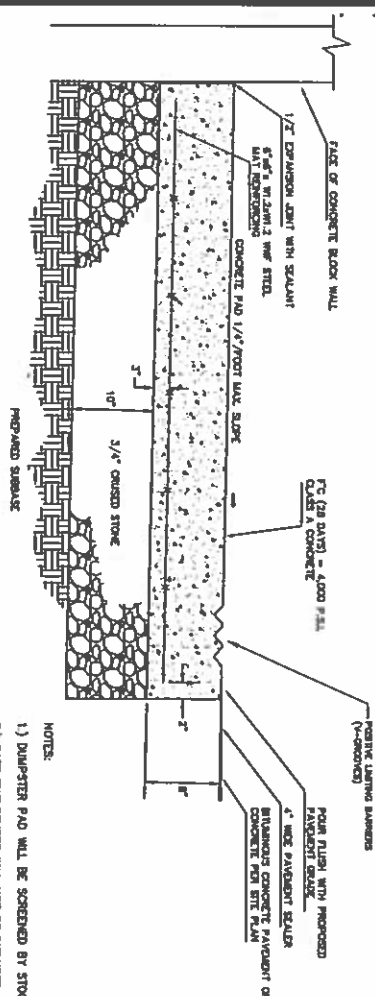
NOTES:
1. POLE MOUNTED LAMPS. SEE LIGHTING AND SITE PLANS FOR TURNING DETAILS.

Fixture	Lumens	Wattage	Voltage	Notes
1. 100W High Pressure Sodium (HPS) - 100W	11,000	100W	120V	
2. 150W High Pressure Sodium (HPS) - 150W	16,500	150W	120V	
3. 250W High Pressure Sodium (HPS) - 250W	27,500	250W	120V	
4. 400W High Pressure Sodium (HPS) - 400W	44,000	400W	120V	
5. 600W High Pressure Sodium (HPS) - 600W	66,000	600W	120V	
6. 1000W High Pressure Sodium (HPS) - 1000W	110,000	1000W	120V	
7. 1500W High Pressure Sodium (HPS) - 1500W	165,000	1500W	120V	
8. 2500W High Pressure Sodium (HPS) - 2500W	275,000	2500W	120V	
9. 4000W High Pressure Sodium (HPS) - 4000W	440,000	4000W	120V	
10. 6000W High Pressure Sodium (HPS) - 6000W	660,000	6000W	120V	
11. 10000W High Pressure Sodium (HPS) - 10000W	1,100,000	10000W	120V	
12. 15000W High Pressure Sodium (HPS) - 15000W	1,650,000	15000W	120V	
13. 25000W High Pressure Sodium (HPS) - 25000W	2,750,000	25000W	120V	
14. 40000W High Pressure Sodium (HPS) - 40000W	4,400,000	40000W	120V	
15. 60000W High Pressure Sodium (HPS) - 60000W	6,600,000	60000W	120V	
16. 100000W High Pressure Sodium (HPS) - 100000W	11,000,000	100000W	120V	
17. 150000W High Pressure Sodium (HPS) - 150000W	16,500,000	150000W	120V	
18. 250000W High Pressure Sodium (HPS) - 250000W	27,500,000	250000W	120V	
19. 400000W High Pressure Sodium (HPS) - 400000W	44,000,000	400000W	120V	
20. 600000W High Pressure Sodium (HPS) - 600000W	66,000,000	600000W	120V	
21. 1000000W High Pressure Sodium (HPS) - 1000000W	1,100,000,000	1000000W	120V	
22. 1500000W High Pressure Sodium (HPS) - 1500000W	1,650,000,000	1500000W	120V	
23. 2500000W High Pressure Sodium (HPS) - 2500000W	2,750,000,000	2500000W	120V	
24. 4000000W High Pressure Sodium (HPS) - 4000000W	4,400,000,000	4000000W	120V	
25. 6000000W High Pressure Sodium (HPS) - 6000000W	6,600,000,000	6000000W	120V	
26. 10000000W High Pressure Sodium (HPS) - 10000000W	11,000,000,000	10000000W	120V	
27. 15000000W High Pressure Sodium (HPS) - 15000000W	16,500,000,000	15000000W	120V	
28. 25000000W High Pressure Sodium (HPS) - 25000000W	27,500,000,000	25000000W	120V	
29. 40000000W High Pressure Sodium (HPS) - 40000000W	44,000,000,000	40000000W	120V	
30. 60000000W High Pressure Sodium (HPS) - 60000000W	66,000,000,000	60000000W	120V	
31. 100000000W High Pressure Sodium (HPS) - 100000000W	1,100,000,000,000	100000000W	120V	
32. 150000000W High Pressure Sodium (HPS) - 150000000W	1,650,000,000,000	150000000W	120V	
33. 250000000W High Pressure Sodium (HPS) - 250000000W	2,750,000,000,000	250000000W	120V	
34. 400000000W High Pressure Sodium (HPS) - 400000000W	4,400,000,000,000	400000000W	120V	
35. 600000000W High Pressure Sodium (HPS) - 600000000W	6,600,000,000,000	600000000W	120V	
36. 1000000000W High Pressure Sodium (HPS) - 1000000000W	11,000,000,000,000	1000000000W	120V	
37. 1500000000W High Pressure Sodium (HPS) - 1500000000W	16,500,000,000,000	1500000000W	120V	
38. 2500000000W High Pressure Sodium (HPS) - 2500000000W	27,500,000,000,000	2500000000W	120V	
39. 4000000000W High Pressure Sodium (HPS) - 4000000000W	44,000,000,000,000	4000000000W	120V	
40. 6000000000W High Pressure Sodium (HPS) - 6000000000W	66,000,000,000,000	6000000000W	120V	
41. 10000000000W High Pressure Sodium (HPS) - 10000000000W	1,100,000,000,000,000	10000000000W	120V	
42. 15000000000W High Pressure Sodium (HPS) - 15000000000W	1,650,000,000,000,000	15000000000W	120V	
43. 25000000000W High Pressure Sodium (HPS) - 25000000000W	2,750,000,000,000,000	25000000000W	120V	
44. 40000000000W High Pressure Sodium (HPS) - 40000000000W	4,400,000,000,000,000	40000000000W	120V	
45. 60000000000W High Pressure Sodium (HPS) - 60000000000W	6,600,000,000,000,000	60000000000W	120V	
46. 100000000000W High Pressure Sodium (HPS) - 100000000000W	11,000,000,000,000,000	100000000000W	120V	
47. 150000000000W High Pressure Sodium (HPS) - 150000000000W	16,500,000,000,000,000	150000000000W	120V	
48. 250000000000W High Pressure Sodium (HPS) - 250000000000W	27,500,000,000,000,000	250000000000W	120V	
49. 400000000000W High Pressure Sodium (HPS) - 400000000000W	44,000,000,000,000,000	400000000000W	120V	
50. 600000000000W High Pressure Sodium (HPS) - 600000000000W	66,000,000,000,000,000	600000000000W	120V	
51. 1000000000000W High Pressure Sodium (HPS) - 1000000000000W	1,100,000,000,000,000,000	1000000000000W	120V	
52. 1500000000000W High Pressure Sodium (HPS) - 1500000000000W	1,650,000,000,000,000,000	1500000000000W	120V	
53. 2500000000000W High Pressure Sodium (HPS) - 2500000000000W	2,750,000,000,000,000,000	2500000000000W	120V	
54. 4000000000000W High Pressure Sodium (HPS) - 4000000000000W	4,400,000,000,000,000,000	4000000000000W	120V	
55. 6000000000000W High Pressure Sodium (HPS) - 6000000000000W	6,600,000,000,000,000,000	6000000000000W	120V	
56. 10000000000000W High Pressure Sodium (HPS) - 10000000000000W	11,000,000,000,000,000,000	10000000000000W	120V	
57. 15000000000000W High Pressure Sodium (HPS) - 15000000000000W	16,500,000,000,000,000,000	15000000000000W	120V	
58. 25000000000000W High Pressure Sodium (HPS) - 25000000000000W	27,500,000,000,000,000,000	25000000000000W	120V	
59. 40000000000000W High Pressure Sodium (HPS) - 40000000000000W	44,000,000,000,000,000,000	40000000000000W	120V	
60. 60000000000000W High Pressure Sodium (HPS) - 60000000000000W	66,000,000,000,000,000,000	60000000000000W	120V	
61. 100000000000000W High Pressure Sodium (HPS) - 100000000000000W	1,100,000,000,000,000,000,000	100000000000000W	120V	
62. 150000000000000W High Pressure Sodium (HPS) - 150000000000000W	1,650,000,000,000,000,000,000	150000000000000W	120V	
63. 250000000000000W High Pressure Sodium (HPS) - 250000000000000W	2,750,000,000,000,000,000,000	250000000000000W	120V	
64. 400000000000000W High Pressure Sodium (HPS) - 400000000000000W	4,400,000,000,000,000,000,000	400000000000000W	120V	
65. 600000000000000W High Pressure Sodium (HPS) - 600000000000000W	6,600,000,000,000,000,000,000	600000000000000W	120V	
66. 1000000000000000W High Pressure Sodium (HPS) - 1000000000000000W	11,000,000,000,000,000,000,000	1000000000000000W	120V	
67. 1500000000000000W High Pressure Sodium (HPS) - 1500000000000000W	16,500,000,000,000,000,000,000	1500000000000000W	120V	
68. 2500000000000000W High Pressure Sodium (HPS) - 2500000000000000W	27,500,000,000,000,000,000,000	2500000000000000W	120V	
69. 4000000000000000W High Pressure Sodium (HPS) - 4000000000000000W	44,000,000,000,000,000,000,000	4000000000000000W	120V	
70. 6000000000000000W High Pressure Sodium (HPS) - 6000000000000000W	66,000,000,000,000,000,000,000	6000000000000000W	120V	
71. 10000000000000000W High Pressure Sodium (HPS) - 10000000000000000W	1,100,000,000,000,000,000,000,000	10000000000000000W	120V	
72. 15000000000000000W High Pressure Sodium (HPS) - 15000000000000000W	1,650,000,000,000,000,000,000,000	15000000000000000W	120V	
73. 25000000000000000W High Pressure Sodium (HPS) - 25000000000000000W	2,750,000,000,000,000,000,000,000	25000000000000000W	120V	
74. 40000000000000000W High Pressure Sodium (HPS) - 40000000000000000W	4,400,000,000,000,000,000,000,000	40000000000000000W	120V	
75. 60000000000000000W High Pressure Sodium (HPS) - 60000000000000000W	6,600,000,000,000,000,000,000,000	60000000000000000W	120V	
76. 100000000000000000W High Pressure Sodium (HPS) - 100000000000000000W	11,000,000,000,000,000,000,000,000	100000000000000000W	120V	
77. 150000000000000000W High Pressure Sodium (HPS) - 150000000000000000W	16,500,000,000,000,000,000,000,000	150000000000000000W	120V	
78. 250000000000000000W High Pressure Sodium (HPS) - 250000000000000000W	27,500,000,000,000,000,000,000,000	250000000000000000W	120V	
79. 400000000000000000W High Pressure Sodium (HPS) - 400000000000000000W	44,000,000,000,000,000,000,000,000	400000000000000000W	120V	
80. 600000000000000000W High Pressure Sodium (HPS) - 600000000000000000W	66,000,000,000,000,000,000,000,000	600000000000000000W	120V	
81. 1000000000000000000W High Pressure Sodium (HPS) - 1000000000000000000W	1,100,000,000,000,000,000,000,000,000	1000000000000000000W	120V	
82. 1500000000000000000W High Pressure Sodium (HPS) - 1500000000000000000W	1,650,000,000,000,000,000,000,000,000	1500000000000000000W	120V	
83. 2500000000000000000W High Pressure Sodium (HPS) - 2500000000000000000W	2,750,000,000,000,000,000,000,000,000	2500000000000000000W	120V	
84. 4000000000000000000W High Pressure Sodium (HPS) - 4000000000000000000W	4,400,000,000,000,000,000,000,000,000	4000000000000000000W	120V	
85. 6000000000000000000W High Pressure Sodium (HPS) - 6000000000000000000W	6,600,000,000,000,000,000,000,000,000	6000000000000000000W	120V	
86. 10000000000000000000W High Pressure Sodium (HPS) - 10000000000000000000W	11,000,000,000,000,000,000,000,000,000	10000000000000000000W	120V	
87. 15000000000000000000W High Pressure Sodium (HPS) - 15000000000000000000W	16,500,000,000,000,000,000,000,000,000	15000000000000000000W	120V	
88. 25000000000000000000W High Pressure Sodium (HPS) - 25000000000000000000W	27,500,000,000,000,000,000,000,000,000	25000000000000000000W	120V	
89. 40000000000000000000W High Pressure Sodium (HPS) - 40000000000000000000W	44,000,000,000,000,000,000,000,000,000	40000000000000000000W	120V	
90. 60000000000000000000W High Pressure Sodium (HPS) - 60000000000000000000W	66,000,000,000,000,000,000,000,000,000	60000000000000000000W	120V	
91. 100000000000000000000W High Pressure Sodium (HPS) - 100000000000000000000W	1,100,000,000,000,000,000,000,000,000,000	100000000000000000000W	120V	
92. 150000000000000000000W High Pressure Sodium (HPS) - 150000000000000000000W	1,650,000,000,000,000,000,000,000,000,000	150000000000000000000W	120V	
93. 250000000000000000000W High Pressure Sodium (HPS) - 250000000000000000000W	2,750,000,000,000,000,000,000,000,000,000	250000000000000000000W	120V	
94. 400000000000000000000W High Pressure Sodium (HPS) - 400000000000000000000W	4,400,000,000,000,000,000,000,000,000,000	400000000000000000000W	120V	
95. 600000000000000000000W High Pressure Sodium (HPS) - 600000000000000000000W	6,600,000,000,000,000,000,000,000,000,000	600000000000000000000W	120V	
96. 1000000000000000000000W High Pressure Sodium (HPS) - 1000000000000000000000W	11,000,000,000,000,000,000,000,000,000,000	1000000000000000000000W	120V	
97. 1500000000000000000000W High Pressure Sodium (HPS) - 1500000000000000000000W	16,500,000,000,000,000,000,000,000,000,000	1500000000000000000000W	120V	
98. 2500000000000000000000W High Pressure Sodium (HPS) - 2500000000000000000000W	27,500,000,000,000,000,000,000,000,000,000	2500000000000000000000W	120V	
99. 4000000000000000000000W High Pressure Sodium (HPS) - 4000000000000000000000W	44,000,000,000,000,000,000,000,000,000,000	4000000000000000000000W	120V	
100. 6000000000000000000000W High Pressure Sodium (HPS) - 6000000000000000000000W	66,000,000,000,000,000,000,000,000,000,000	6000000000000000000000W	120V	

C20



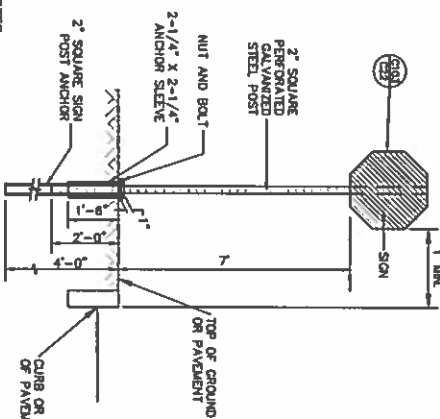
C21



DUMPSTER PAD & CONCRETE PAVEMENT

- NOTES:
- 1) DUMPSTER PAD WILL BE SLOPED BY STOCKADE FENCE.
 - 2) GATE ENCLOSURES WILL NOT BE INCLUDED.
 - 3) CONFIGURATION WILL ENCLOSE 2-4 YARD DUMPSTERS.
 - 4) ADDITIONAL AREA FOR PALET STORAGE.

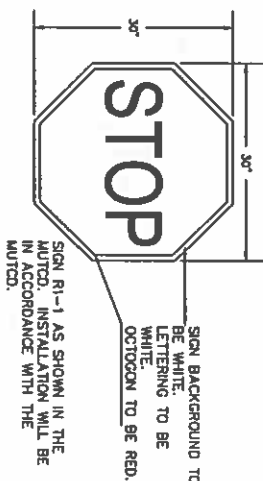
C26



- NOTES:
1. ALL SIGNAGE SHALL BE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND MCDOT STANDARDS.
 2. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS/CATALOG CUTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ERECTING SIGNS.
 3. THE LOCATION OF THE SIGNS SHALL BE AS INDICATED ON THE DRAWINGS AND/OR AS DIRECTED BY THE CITY OF ROCHESTER DEPARTMENT OF PUBLIC WORKS.

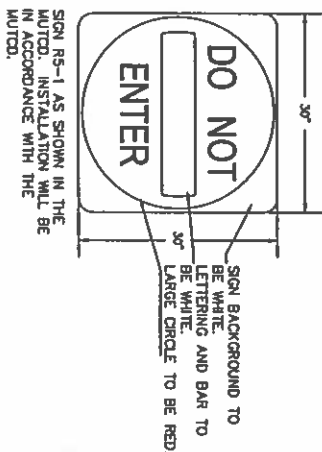
TYPICAL SIGN POST
(NOT TO SCALE)

C23



- NOTES:
1. SIGN R1-1 AS SHOWN IN THE MUTCD. INSTALLATION WILL BE IN ACCORDANCE WITH THE MUTCD.

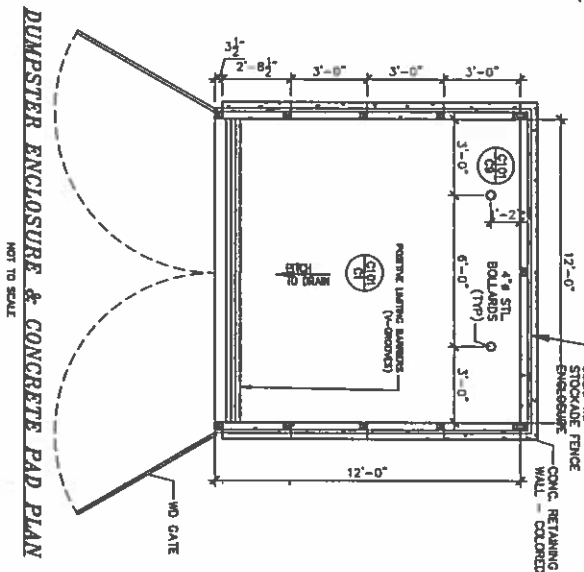
C22



- NOTES:
1. SIGN R5-1 AS SHOWN IN THE MUTCD. INSTALLATION WILL BE IN ACCORDANCE WITH THE MUTCD.

STOCKADE DUMPSTER ENCLOSURE DETAIL
N.T.S.

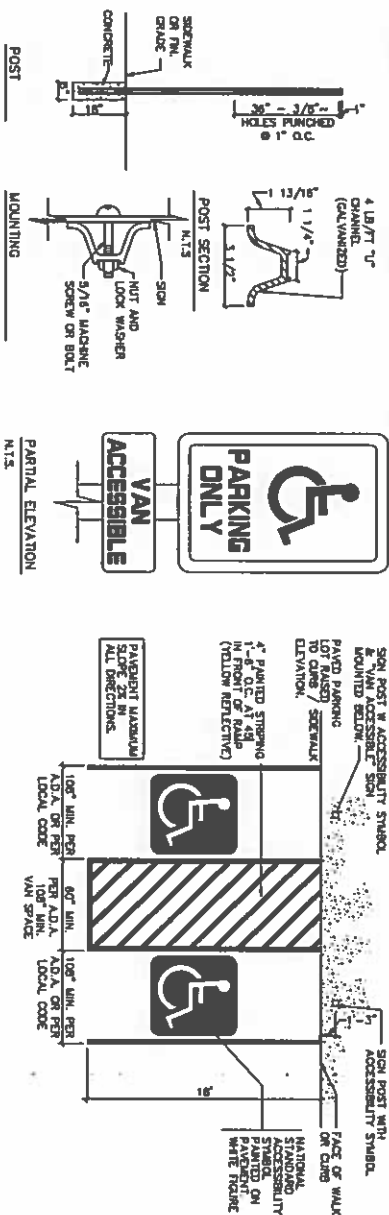
C24



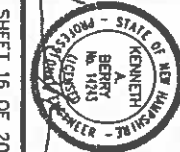
DUMPSTER ENCLOSURE & CONCRETE PAD PLAN
NOT TO SCALE

PARKING STALL SIGNAGE FOR THE PHYSICALLY CHALLENGED
NOT TO SCALE

C25



C-103

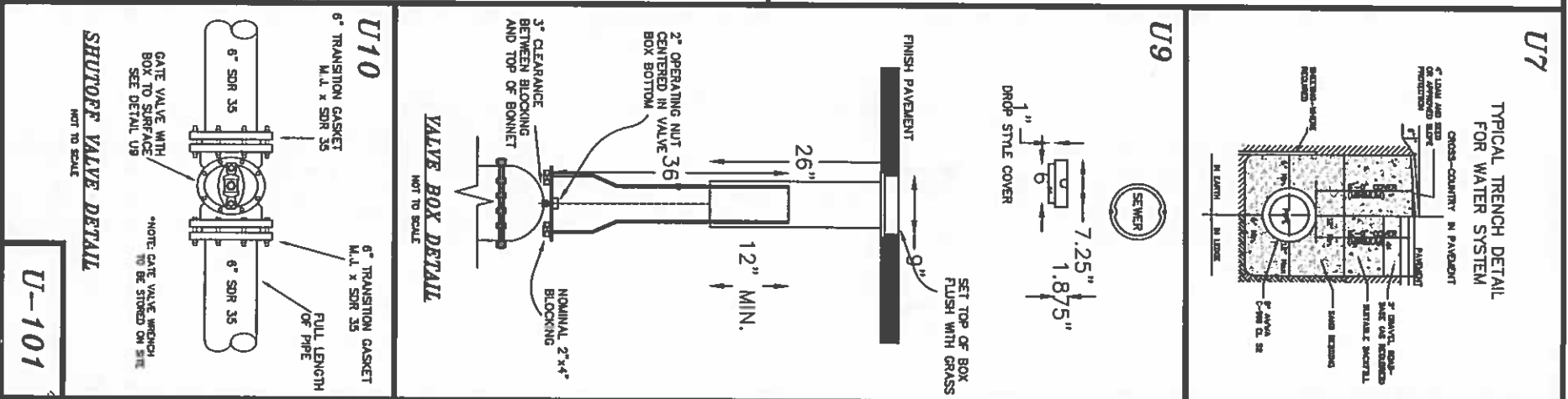
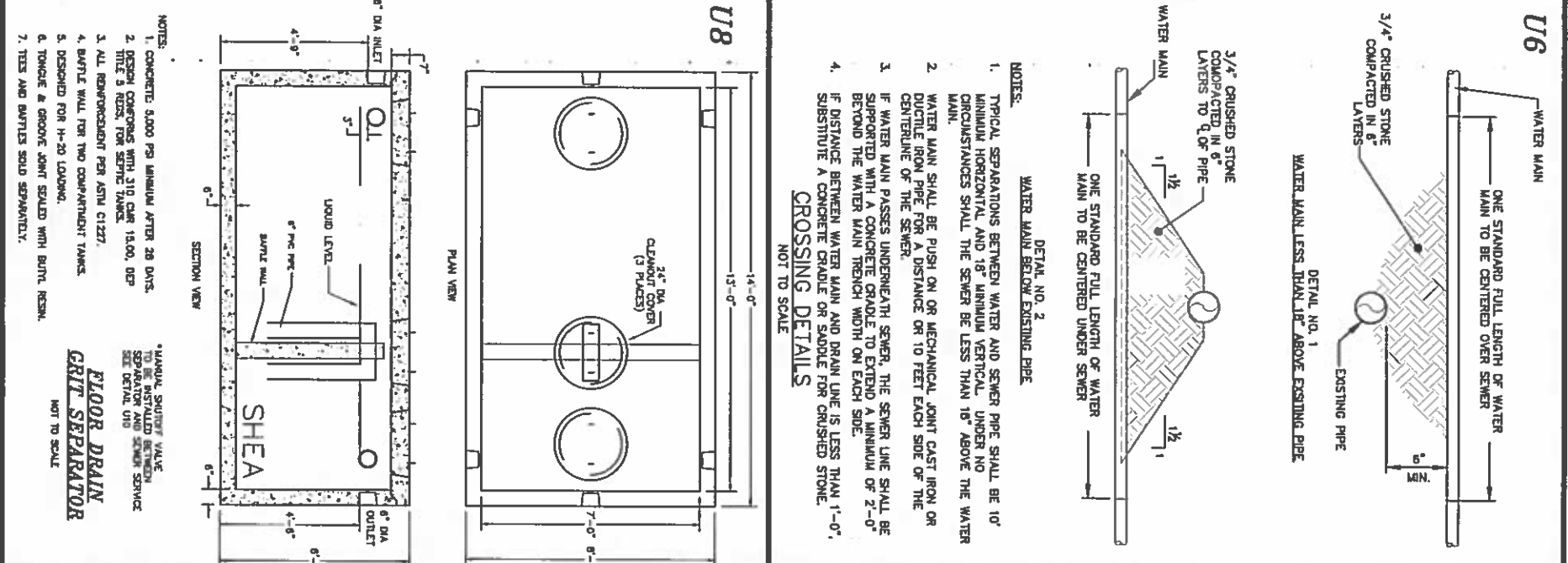
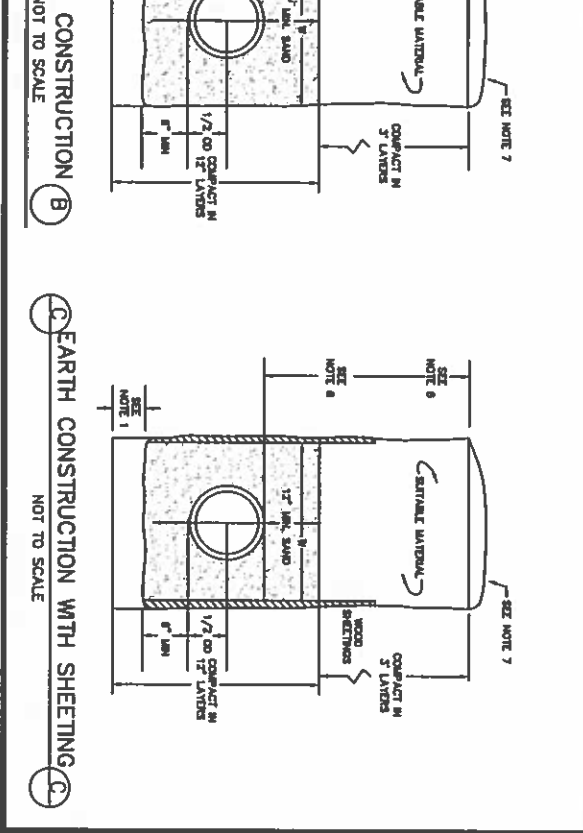
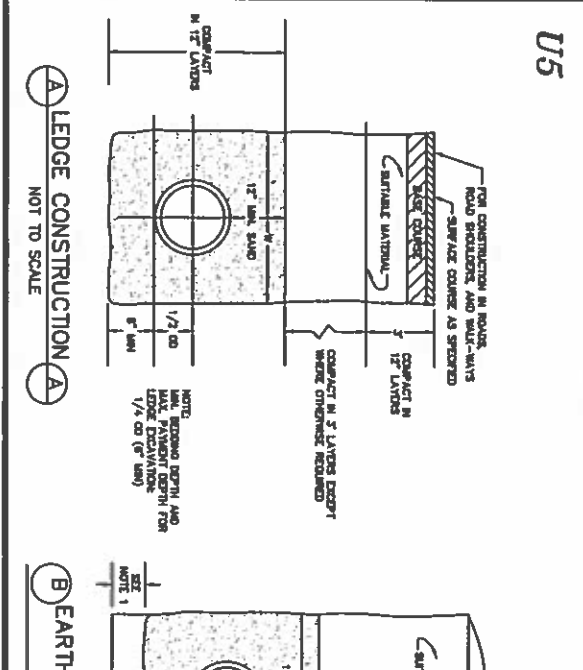
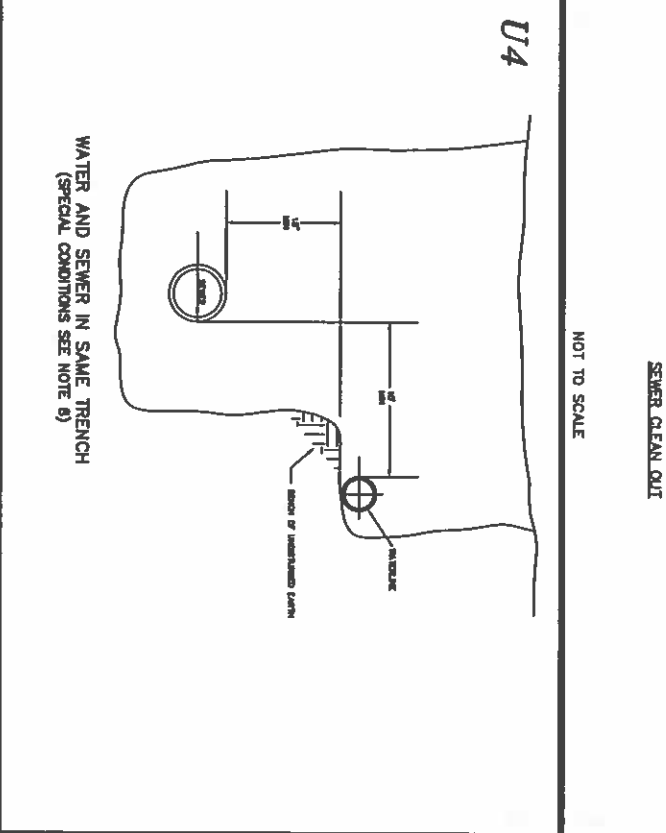
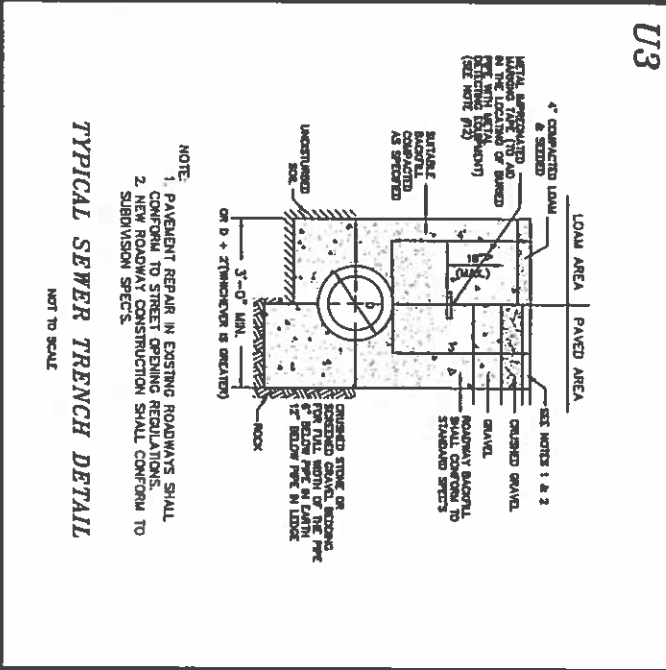
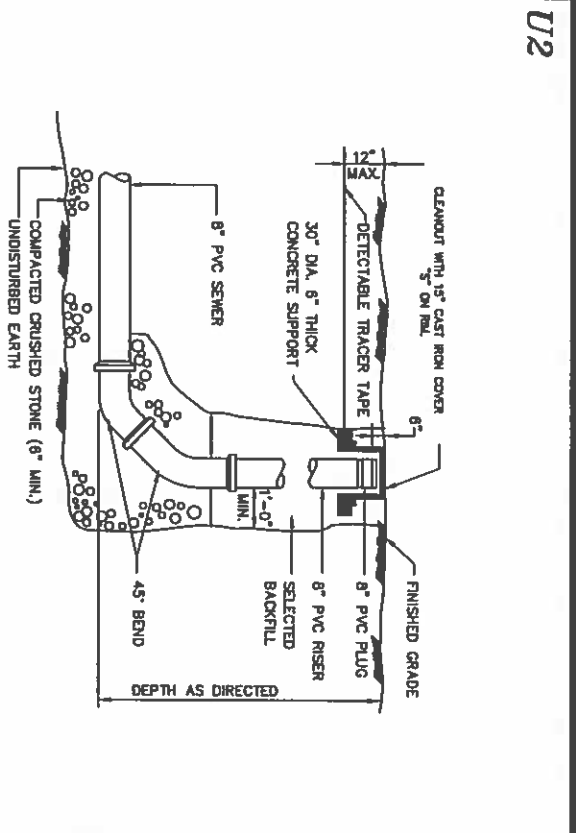
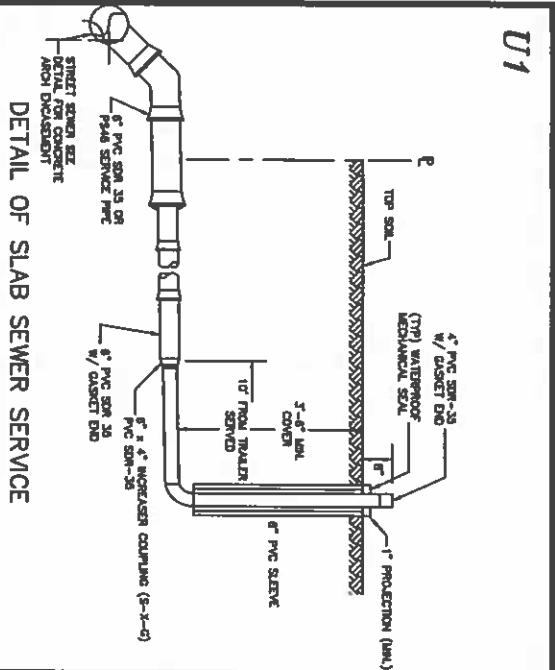


BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)
SCALE : AS MARKED
DATE : MARCH 30, 2015
FILE NO. : DB 2014-149

CONSTRUCTION DETAILS
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03867
TAX MAP 216, LOT 29

ROCHESTER PLANNING FILE: 216-29-GRD-2015

REVISION	DATE	DESCRIPTION
1	5-22-15	PER H.O.D. AND CONDITIONS OF APPROVAL
2	8-11-15	PER ROCHESTER TRC REVIEW
3	4-08-15	POST-APPLICATION TECHNICAL REVISIONS

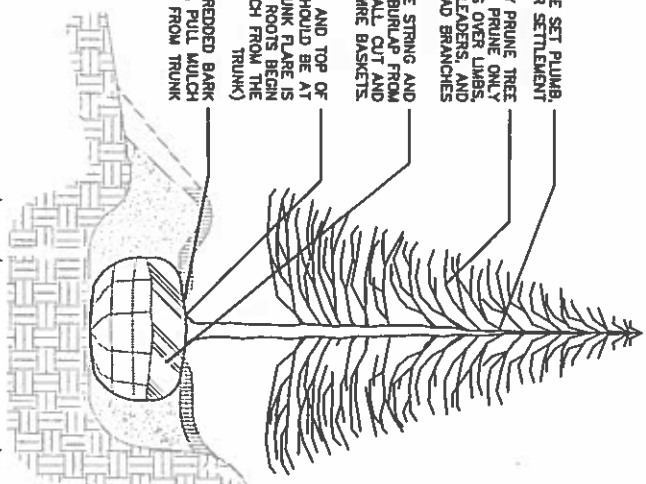


U9

DO NOT HEAVILY PRUNE TREE
AT PLANTING PRUNE ONLY
CROSS OVER LIMBS,
CO-DOMINANT LEADERS, AND
DAMAGED OR DEAD BRANCHES

REMOVE STRING AND
BURLAP FROM
ROOTBALL CUT AND
REMOVE WIRE BASKETS.
TRUNK FLARE AND TOP OF
ROOTBALL SHOULD BE AT
GRADE (TRUNK FLARE IS
WHERE THE ROOTS BEGIN
TO BRANCH FROM THE
TRUNK)

3" SHREDDED BARK
MULCH, PULL MULCH
BACK 4" FROM TRUNK



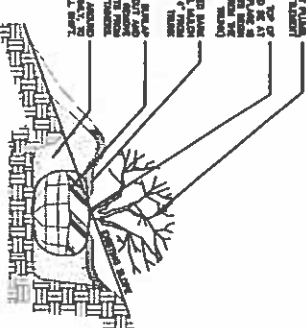
VARIES

3X ROOTBALL DIAMETER MIN.

NOTES:
1. DO NOT STAKE EVERGREEN TREES.
2. LOAM FOR BACKFILLING SHALL BE AMENDED AS REQUIRED BY LANDSCAPE ARCHITECT.
3. TAMM BACKFILL SOIL AROUND ROOTBALL FINALLY TO MINIMIZE ROOTBALL SHIFT.

1. DO NOT INFLATE PLANE BRUSH AT PLANTING, PLANE ONLY
2. CHOPPER LINE AND DANGER OR DEAD BRANCHES
3. MATERIAL WITH LINES, ARMED AS REQUIRED BY LAW ENFORCE
4. AGENTS
5. BRUSHES & BRUSHES PLANTED ALONGSIDE TO CITY INCREASING
6. NEED TO BE PLACED IN THE PLANTS, AT THEIR LATER HEIGHT
7. WORK, BUT NOT THROUGH INTO THE CITY'S TERRITORY

1. DO NOT HEAVILY PLANT BRUSH AT PLANTING. PLANT ONLY CRIMINALS, LINES AND PLANTED OR BOLD BRANCHES.
2. BRANCH, WITH LINES, ALSO AS INDICATED BY LINES/PLANTING.
3. BRUSHES AND BRANCHES PLANTED ALONGSIDE TO CITY. BRANCHES NEED TO BE PLANTED IN THE PLANT. AT BOLD BRANCHES, BRANCHES



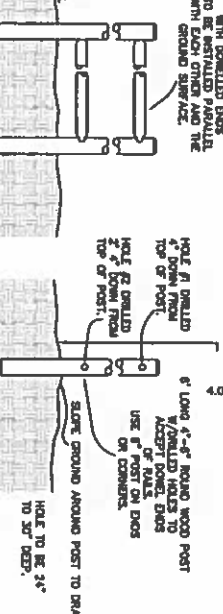
12" LONG SMOOTL (CONTINUED)
THEIR/STUDIED AREA

12" LONG SMOOTL (CONTINUED)
THEIR/STUDIED AREA



WITH DOMED ENDS
TO BE INSTALLED PARALLEL
WITH EACH OTHER AND THE
GROUND SURFACE.

WITH DOMED ENDS
TO BE INSTALLED PARALLEL
WITH EACH OTHER AND THE
GROUND SURFACE.



TYPICAL POST & RAIL FENCE DETAIL

DO NOT HEAVILY PRUNE TREE AT PLANTING PRUNE ONLY OVERHANGING BRANCHES OVER LINES, CO-OPERATION WITH LOCAL COUNCILS ON DRAINAGE OF DEAD BRANCHED CUT MATERIAL AT TREE

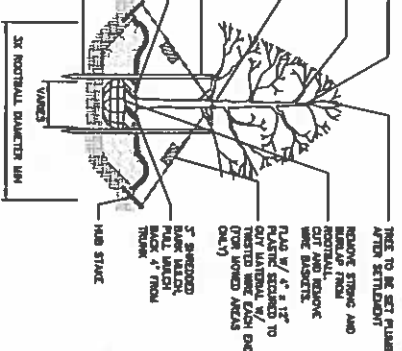
NEVER CUT LEADER

THREE TO BE SET PLASMA AT 10 CENTIMETERS

REMOVE STICKS AND BRANCHES FROM CUT AND REMOVE WOOD BLOCKS

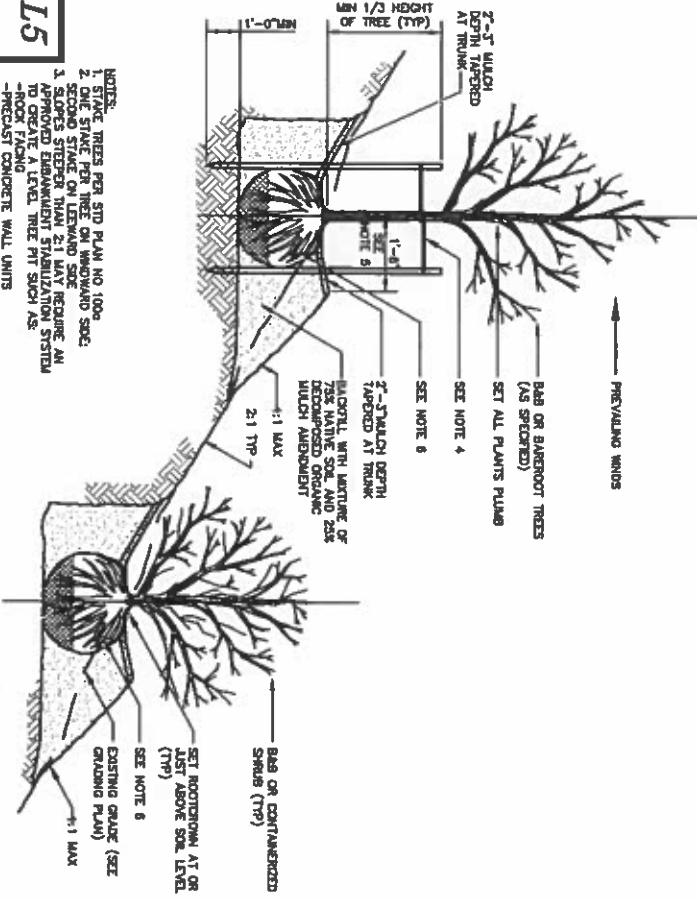
PLANT W/ 4 x 12 TO 15 CM DIAMETER CUT MATERIAL W/ 4 x 12 TO 15 CM DIAMETER

CUT MATERIAL AT TREE & UP TREE ON 1st FIRST BRANCH



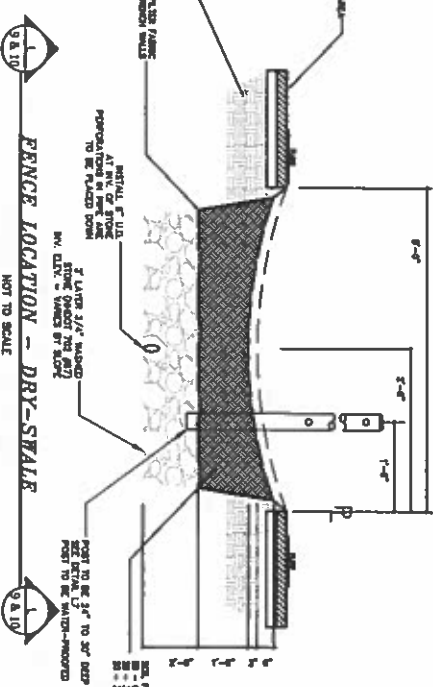
1. **LANDSCAPE ARCHITECT.** SHALL BE DETERMINED IN THE FIELD BY THE LANDSCAPE ARCHITECT. STATED FIELD CONDITIONS AS WELL AS PLANT CHARACTERISTICS WILL DETERMINE THE NECESSITY OF SPRINKLING AND STAKING.
2. **THIRTEEN ONLY TREES WITH A 3" OR GREATER CALIPER NEED TO BE STAKED. TREES WITH LESS THAN A 3" CALIPER NEED TO BE STAKED ONLY AS REQUIRED BY THE LANDSCAPE ARCHITECT.**
3. **STAKES SHALL BE 3" X 3" AND 6 FEET LONG.**
4. **STAKES SHALL BE PLACED 18" FROM THE TRUNK.**
5. **FOR TREES LOCATED ALONG A DRIVE OR DRIVEWAY, STAKES SHALL BE PLACED 18" FROM THE DRIVE OR DRIVEWAY.**
6. **FOR TREES PLANTED ON PRIVATE PROPERTY, ADJACENT TO A PUBLIC RIGHT-OF-WAY, TREES NEED TO BE PLANTED A MINIMUM OF 5 FEET FROM THE EDGE OF THE PROPERTY.**

PREVAILING WINDS

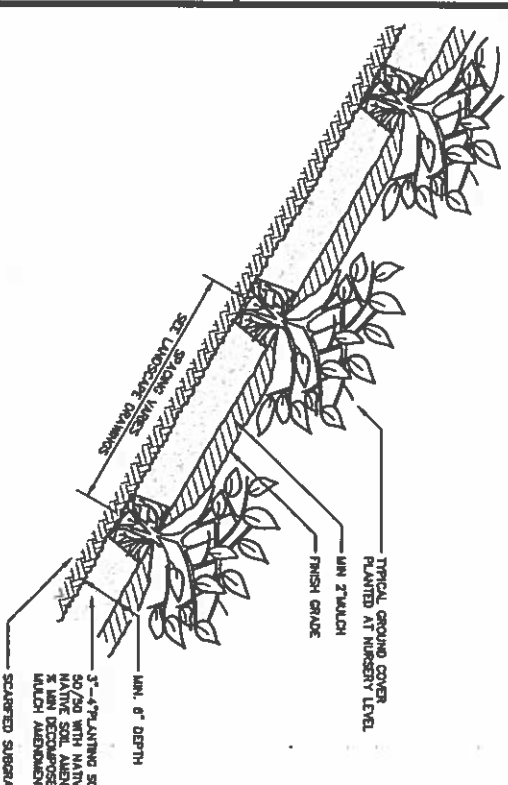


1. **KNIFE.** BETWEEN TWO SET PLANK ON TOP OF
2. **SHOES.** STAKE PER INCH ON WOODWARD SOLE.
3. **SECOND STAKE** ON LEVING SIDE
4. **SLOPE STEEPER** THAN 2:1. MAY REQUIRE AN
5. **ON TOP OF** ALUMINUM OR STEEL STRIP
6. **SHOCK FLUID** INLET AT SUCH AS
7. **PRECAST CONCRETE WALL UNITS**
8. **UN-ANNEALED SLOPE REDUCTION UNITS**
9. **CHAINLOCK TREE** TO LOOP EACH IN AROUND
10. **THEE LONESTY** TO PROVIDE 1" STACK FOR
11. **DAUNTER GROWTH.**
12. **ROTTABLE PALETTE, JOINTER OR PLANTER** OR
13. **REINFORCING PLANT, WHICHER IS GREATER.**
14. **VALUING ALL WARE AND STRONG, REMOVE TOP**


 INV. ELEV. = VARIES BY SLOPE
FENCE LOCATION - DRY-STACK
 NOT TO SCALE



48



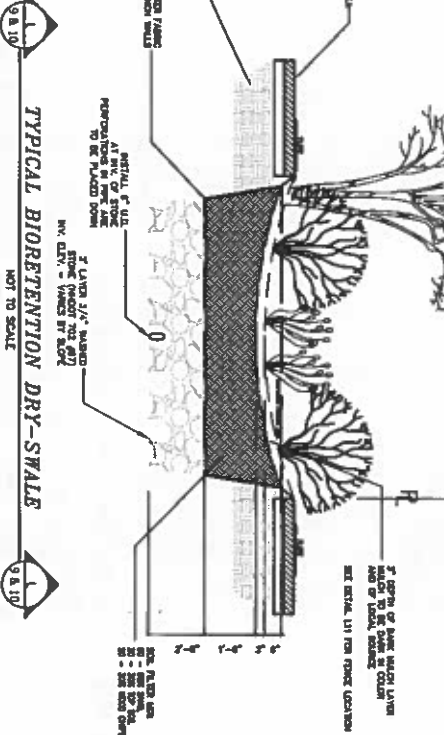
DRILLED STONE BENCHMARK	
SECT. SIZE	% PASSING BY WEIGHT
1- 3/4"	100
2- 3/4"	90 - 100
3- 3/4"	0 - 10
4- 3/4"	0 - 5

*EQUIVALENT TO STANDARD STONE SIZE #3 - SECTION 702 OF INDIOT STANDARD SPECIFICATIONS

TYPICAL BIORETENTION

NOT TO SCALE

9 A 10



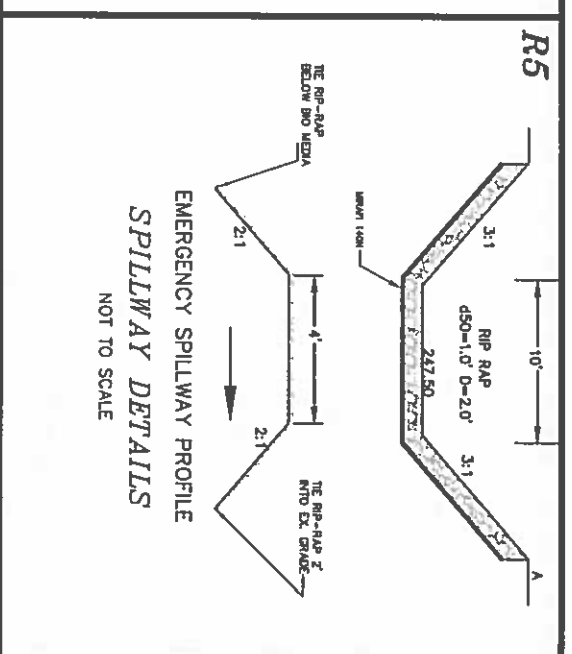
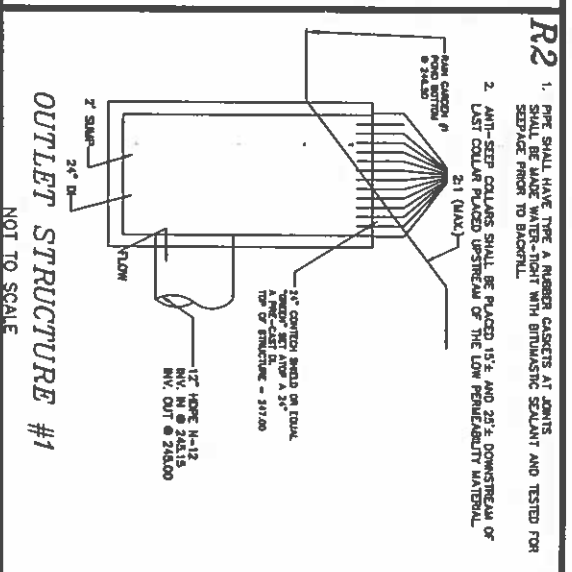
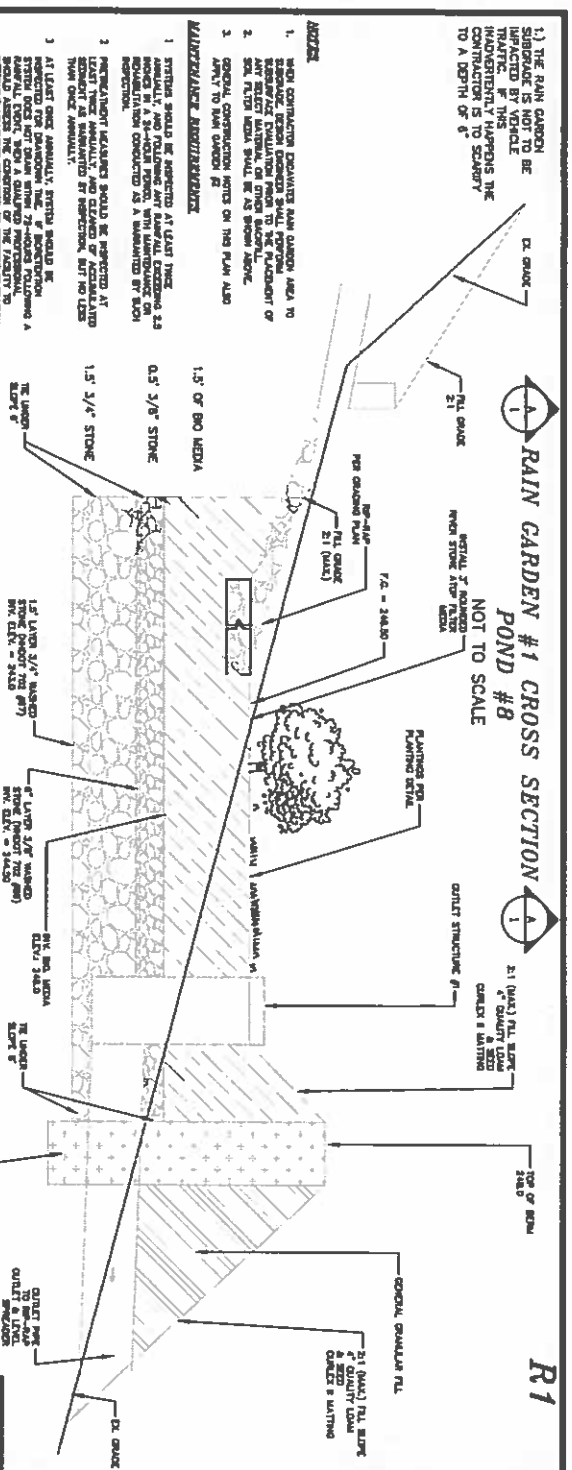
BIORETENTION SWALE CROSS SECTION
SEE DETAIL 1B

254.2
253.7
254.2

#3	5-22-15	PER H.O.D. AND CONDITIONS OF APPROVAL PER ROCHESTER TRG REVIEW POST-APPLICATION TECHNICAL REVISIONS
#2	4-20-15	
#1	4-08-15	
REVISION	DATE	DESCRIPTION

LANDSCAPING DETAILS
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03867
TAX MAP 216, LOT 29

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)
SCALE : AS MARKED
DATE : MARCH 30, 2015
FILE NO. : DB 2014-148



ROCHESTER PLANNING # 216-29-GRD-2015

REVISION	DATE	DESCRIPTION
1	08-15-15	REDESIGN FOR 30' ACCESS EASEMENT PER N.O.D. AND CONDITIONS OF APPROVAL PER ROCHESTER TRD REVIEW POST-APPLICATION TECHNICAL REVISIONS
2	08-15-15	
3	08-15-15	
4	08-15-15	

DESIGNED STONE BEDDING *

STONE SIZE	% PASSING BY WEIGHT
3/4"	100
1"	80 - 100
1 1/2"	20 - 80
2"	5 - 30
2 1/2"	0 - 10
3"	0 - 5

* EQUIVALENT TO STANDARD STONE SIZE #57 - SECTION 701 OF WHDOT STANDARD SPECIFICATIONS

DESIGNED STONE BEDDING *

STONE SIZE	% PASSING BY WEIGHT
3/4"	100
1"	80 - 100
1 1/2"	20 - 80
2"	5 - 30
2 1/2"	0 - 10
3"	0 - 5

* EQUIVALENT TO STANDARD STONE SIZE #57 - SECTION 701 OF WHDOT STANDARD SPECIFICATIONS

DESIGNED STONE BEDDING *

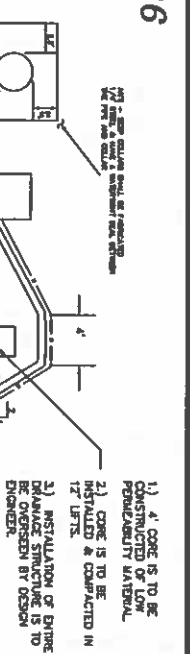
STONE SIZE	% PASSING BY WEIGHT
3/4"	100
1"	80 - 100
1 1/2"	20 - 80
2"	5 - 30
2 1/2"	0 - 10
3"	0 - 5

* EQUIVALENT TO STANDARD STONE SIZE #57 - SECTION 701 OF WHDOT STANDARD SPECIFICATIONS

R4

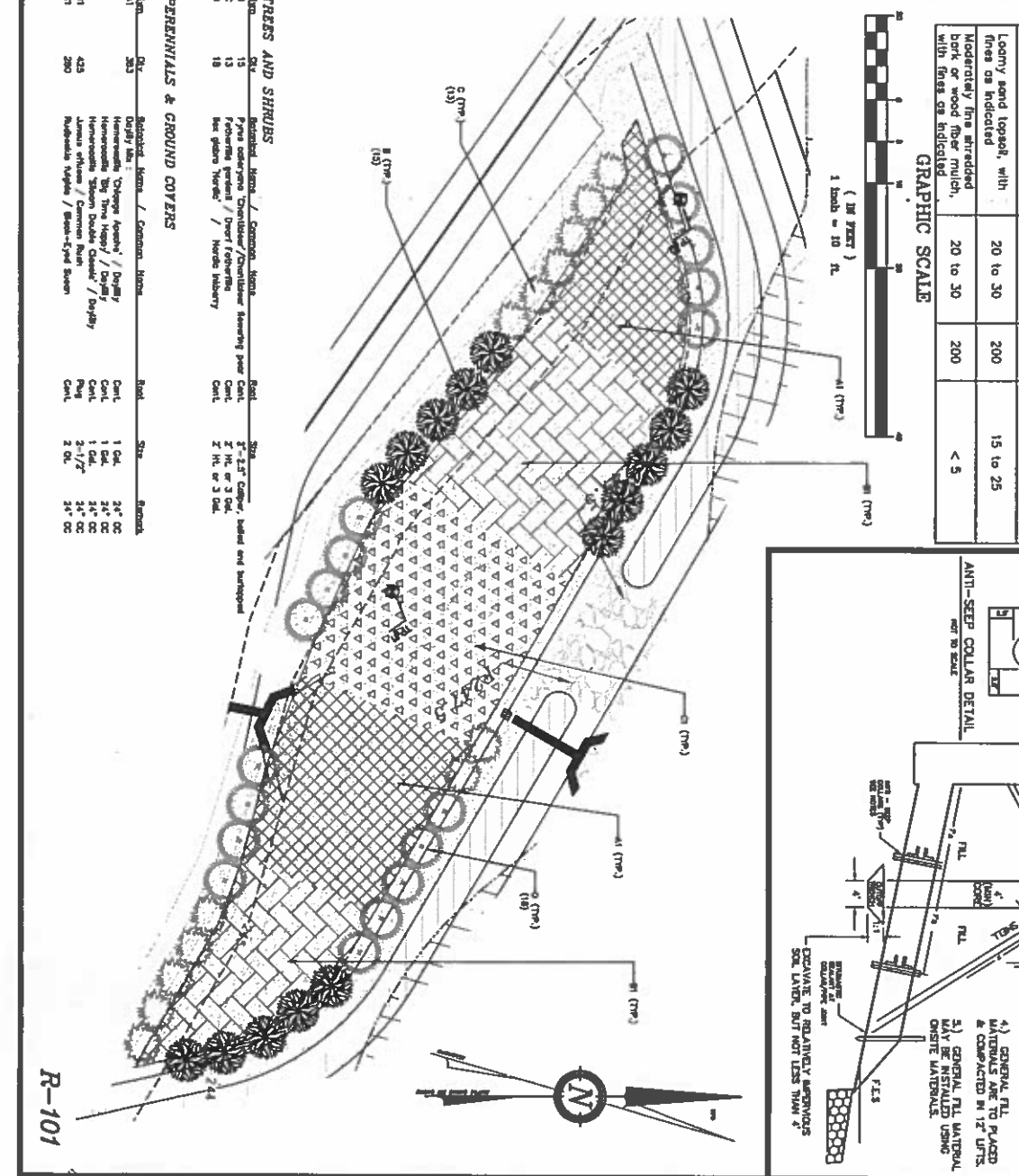
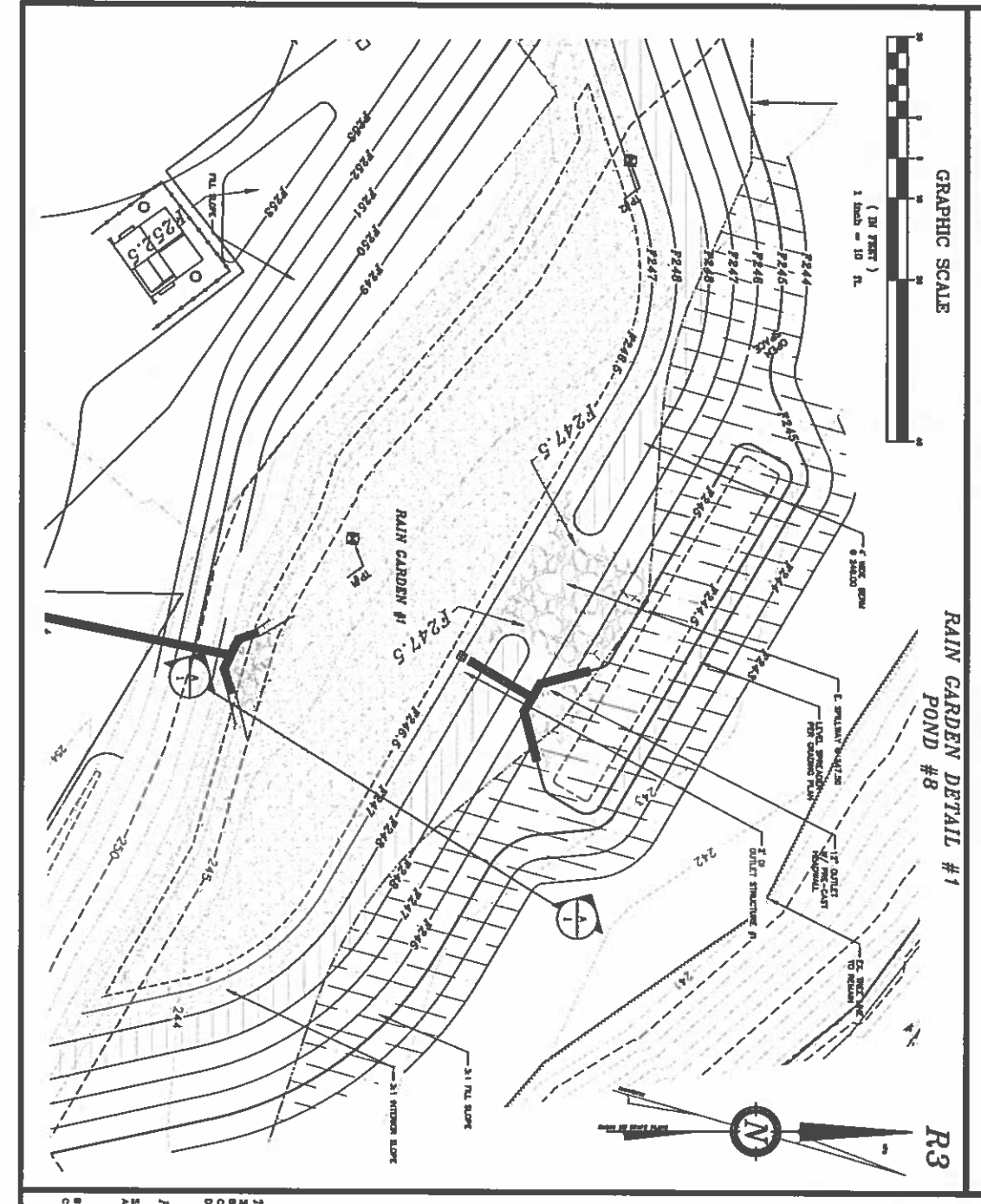
FILTER MEDIA MIXTURES

Component Material	Filter Media Option A	Filter Media Option B
ASTM C-33 concrete sand	50 to 55	50 to 55
Loamy sand topped, with fines as indicated	20 to 30	20 to 30
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	20 to 30



REVISION

REVISION	DATE	DESCRIPTION
1	08-15-15	REDESIGN FOR 30' ACCESS EASEMENT PER N.O.D. AND CONDITIONS OF APPROVAL PER ROCHESTER TRD REVIEW POST-APPLICATION TECHNICAL REVISIONS
2	08-15-15	
3	08-15-15	
4	08-15-15	



BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 [332-2863]

SCALE : AS NOTED
DATE : MARCH 30, 2015
FILE NO. : DB 2014-149

RAIN GARDEN #1 DETAIL
LAND OF
21 FARMINGTON ROAD LLC
21 FARMINGTON ROAD, ROUTE 11
ROCHESTER, NH 03867
TAX MAP 216, LOT 29

ROCHESTER PLANNING # 216-29-GRD-2015

