

SITE DEVELOPMENT PLANS

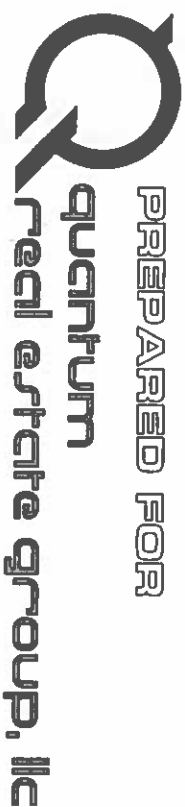
INDIAN RIDGE

MAP #239 LOT 30

66 ROCHESTER HILL ROAD

NH ROUTE 108

ROCHESTER, NEW HAMPSHIRE



LIST OF PLANS

- T-1 - TITLE SHEET
- T-2 - VICINITY PLAN
- EX-1 - EXISTING CONDITIONS PLAN
- DE-1 - DEMOLITION PLAN
- SP-1 - GENERAL SITE PLAN - OVERALL 1" = 60'
- SP-2 - GENERAL SITE PLAN - SHEET-1 1" = 30'
- SP-3 - GENERAL SITE PLAN - SHEET-2 1" = 30'
- SP-4 - SITE DEVELOPMENT PLAN - SHEET-1 1" = 30'
- SP-5 - SITE DEVELOPMENT PLAN - SHEET-2 1" = 30'
- SP-6 - SITE GRADING PLAN - SHEET-1 1" = 30'
- SP-7 - SITE GRADING PLAN - SHEET-2 1" = 30'
- C-1 - PLAN & PROFILE - SQUIRE LANE
- C-1a - PLAN & PROFILE - CROSS COUNTRY SEWER
- C-2 - CONSTRUCTION DETAILS
- C-3 - CONSTRUCTION DETAILS
- C-4 - CONSTRUCTION DETAILS
- C-5 - STANDARD SEWER DETAILS
- C-6 - STANDARD SEWER DETAILS
- LA-1 - LANDSCAPING PLAN
- LA-2 - LANDSCAPING PLAN
- LA-3 - LANDSCAPING - BIO-RETENTION PLANTINGS
- LI-1 - SITE LIGHTING PLAN
- SN-1 - SNOW STORAGE SKETCH
- PH-1 - PHASING PLAN
- SS-1 - SITE SPECIFIC SOIL PLAN

PREPARED BY

TRITECH

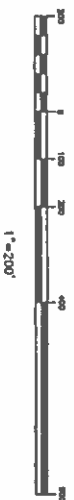
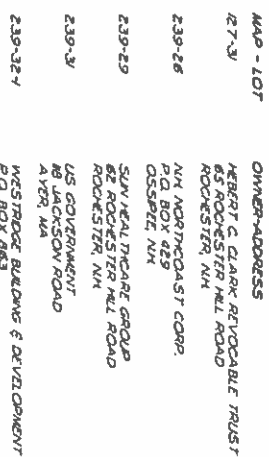
ENGINEERING CORPORATION

RECEIVED

FEB 18 2016

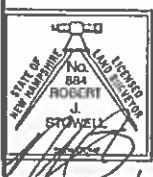
Planning Dept.

SHEET No.	TITLE SHEET	TRITECH											
T-1	INDIAN RIDGE	ENGINEERING CORPORATION											
	66 ROCHESTER HILL ROAD ROCHESTER, NEW HAMPSHIRE	755 CENTRAL AVENUE DOVER, NEW HAMPSHIRE 03820 TELEPHONE 603 742 8107 FAX 603 742 9830											
	DECEMBER 9, 2014	JOB No. 14110											
		REVISIONS <table><thead><tr><th>DATE:</th><th>DESCRIPTION:</th></tr></thead><tbody><tr><td>01-13-15</td><td>T.R.G. REVISIONS</td></tr><tr><td>02-16-15</td><td>T.R.G. #2 REVISIONS</td></tr><tr><td>12-24-15</td><td>ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL</td></tr><tr><td>02-10-16</td><td>METER VAULT & NHDOT REVISIONS</td></tr></tbody></table> 1/5/20 1/5/20		DATE:	DESCRIPTION:	01-13-15	T.R.G. REVISIONS	02-16-15	T.R.G. #2 REVISIONS	12-24-15	ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL	02-10-16	METER VAULT & NHDOT REVISIONS
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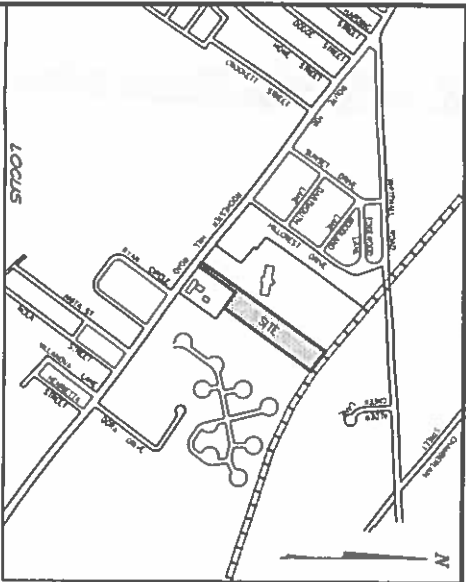
4
1
10

SCALE: 1" = 200'

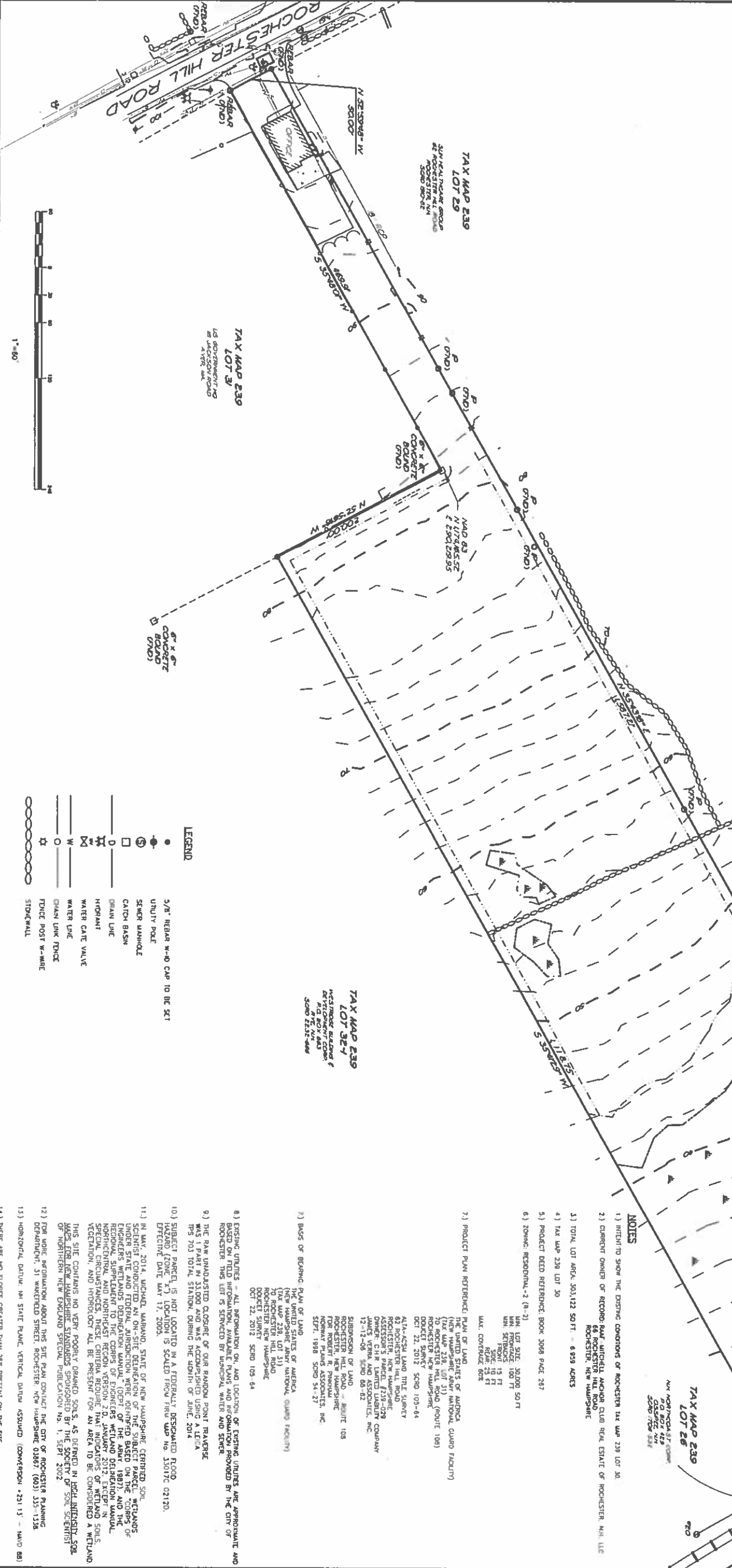
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766 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03820

TELEPHONE 603 742 8107
FAX 603 742 3830



TRITECH
ENGINEERING CORPORATION



NOTES

- 1) INTENT TO SHOW THE EXISTING CONDITIONS OF ROCHES-TER TAX MAP 239 LOT 30.
- 2) CURRENT OWNER OF RECORD: BAY WINDMILL ANCHOR CLUB REAL ESTATE OF ROCHES-TER, N.H., LLC
66 ROCHES-TER HILL ROAD
ROCHES-TER, NEW HAMPSHIRE
- 3) TOTAL LOT AREA: 303,122 SQ. FT. = 6.99 ACRES
- 4) TAX MAP 239 LOT 30
- 5) PROJECT BEED REFERENCE: BOOK 3068 PAGE 287
- 6) ZONING: RESIDENTIAL-2 (R-2)
- 7) PROJECT PLAN REFERENCE: PLAN OF LAND
THE UNITED STATES OF AMERICA
(NEW HAMPSHIRE ARMY NATIONAL GUARD FACILITY)
TO ROCHES-TER HILL ROAD (ROUTE 108)
ROCHES-TER NEW HAMPSHIRE
OCT 22, 2012. SCRD 105-64
- 8) EXISTING UTILITIES - ALL INFORMATION ON, AND LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND NOT TO BE RELIED UPON FOR CONSTRUCTION. THE CITY OF ROCHES-TER HAS NOT BEEN ADVISED BY THE CITY OF ROCHES-TER THAT THE SITE IS SERVED BY ANY OTHER UTILITIES AND SERVICES.
- 9) THE RAW UNADJUSTED CLOSURE OF OUR RANDOM POINT TRAVERSE WAS 1.1 PART IN 31,000 AND WAS ADJUSTED USING A LEICA TPS 703 TOTAL STATION, DURING THE MONTH OF JUNE, 2014
- 10) SUBJECT PARCEL, IS NOT LOCATED IN A FEDERALLY DESIGNATED FLOOD HAZARD (ZONE "X") LOCATION IS SCALED FROM FIRE MAP NO. 33017C 02120. EFFECTIVE DATE MAY 17, 2005.
- 11) IN MAY 2014, MICHAEL, MARION, STATE OF NEW HAMPSHIRE, CEMETERY, SCIENTIST CONDUCTED AN ON-SITE DELINEATION OF THE SUBJECT PARCEL, WETLANDS UNDER STATE AND FEDERAL JURISDICTION WERE IDENTIFIED BASED ON THE "CON-FIGURATION OF THE LAND" AND THE "NATURE OF THE SOILS". THE RESULTS OF THE SURVEY ARE SHOWN ON THE ATTACHED LAND USE SURVEY. THE SURVEY IS BASED ON THE "NATURE OF THE SOILS" AND THE "NATURE OF THE SOILS". THE SURVEY IS BASED ON THE "NATURE OF THE SOILS" AND THE "NATURE OF THE SOILS".
- 12) FOR MORE INFORMATION ABOUT THIS SITE, PLAN CONTACT THE CITY OF ROCHES-TER PLANNING DEPARTMENT, 31 WASHINGTON STREET, ROCHES-TER, NH 03067, (603) 333-1338
- 13) HORIZONTAL DATUM: NH STATE PLANE, VERTICAL DATUM ASSUMED (CONVERSION +291.15' - WAD 80)
- 14) THERE ARE NO SLOPES GREATER THAN 25% PRESENT ON THE SITE.

SHEET No.

EX-1

EXISTING CONDITIONS PLAN

INDIAN RIDGE

66 ROCHES-TER HILL ROAD
ROCHES-TER, NEW HAMPSHIRE

DECEMBER 9, 2014

JOB No. 14110

SCALE: 1" = 60'

ROBERT J. STOWELL
LICENSED PROFESSIONAL ENGINEER
NEW HAMPSHIRE
LICENSE NO. 884

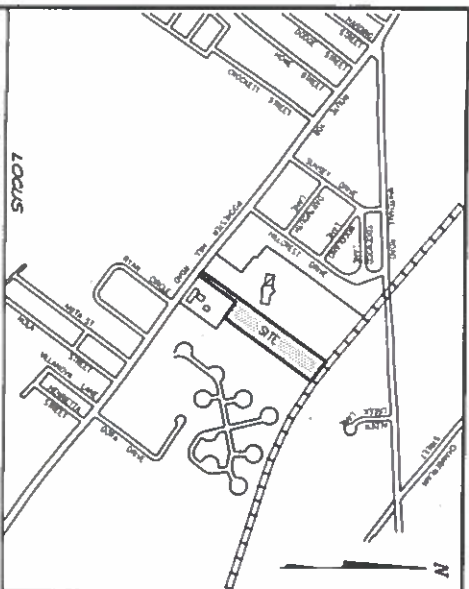
REVISIONS

DATE	DESCRIPTION
2-16-15	REVISED PER TRG COMMENTS
3-16-15	REVISED NOTE 11.

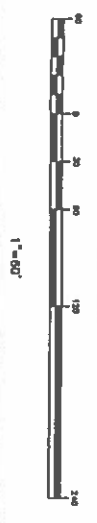
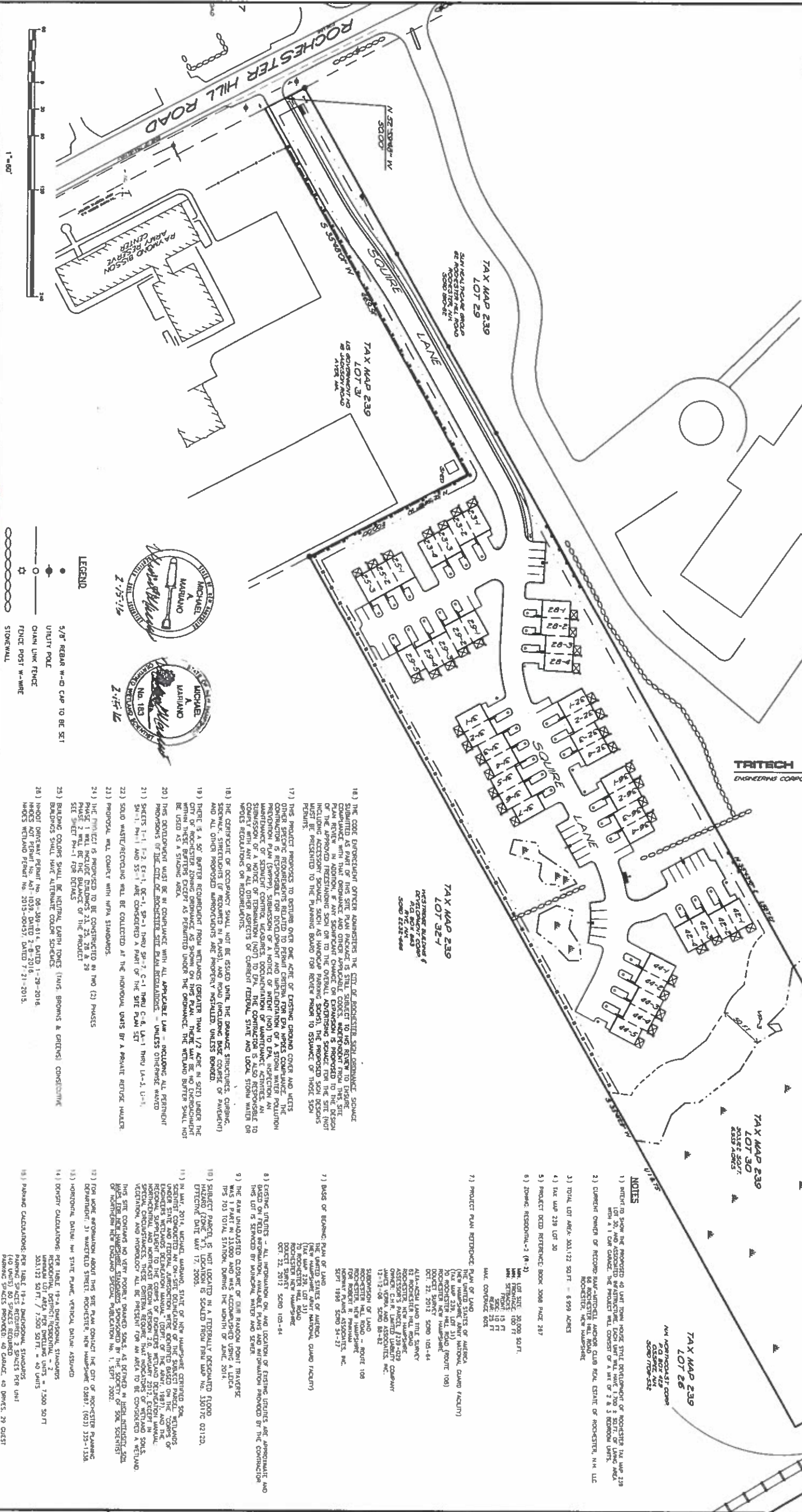
TRITECH
ENGINEERING CORPORATION

755 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03820

TELEPHONE 603 742 8107
FAX 603 742 3630



LOCUS
(NOT TO SCALE)



LEGEND

- 5/8" REBAR W-CD CAP TO BE SET
- UTILITY POLE
- CHAIN LINK FENCE
- FENCE POST W-WIRE
- STONE WALL

NOTES

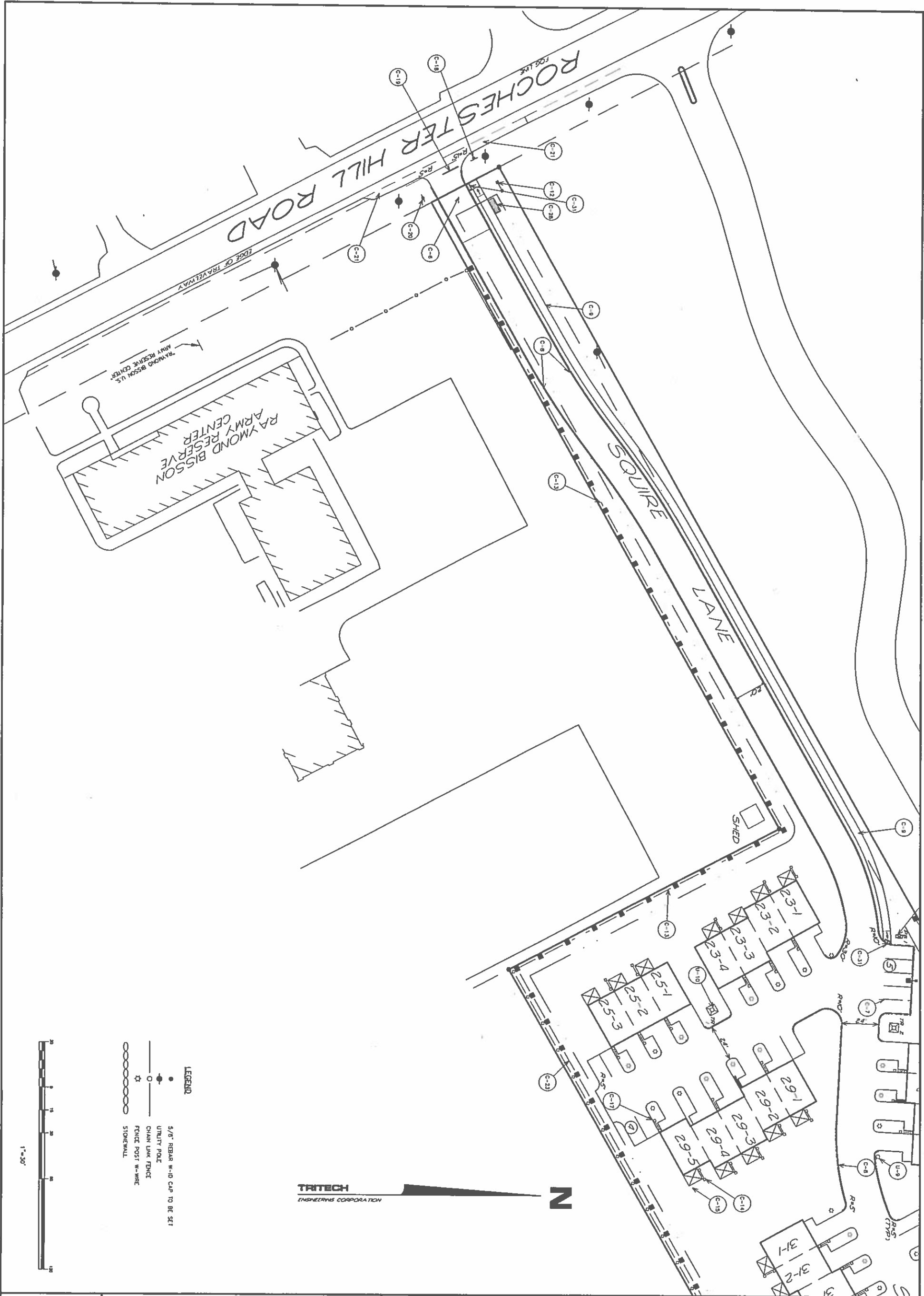
1) THIS PROJECT PROPOSES TO DEVELOP ONE ACRES OF EXISTING OPEN SPACE AND OTHER SPECIFIC REQUIREMENTS RELATED TO PERMIT CRITERIA FOR EPA WQDES COMPLIANCE. THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPMENT AND MAINTENANCE OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SUBMISSION OR A NOTICE OF INTENT (NOI) TO EPA. INSPECTION AND MAINTENANCE OF THE SWPPP SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A NOTICE OF INTENTION (NOI) TO EPA. THE CONTRACTOR IS ALSO RESPONSIBLE TO COMPLY WITH ANY OR ALL OTHER ASPECTS OF CURRENT FEDERAL, STATE AND LOCAL STORM WATER OR WQDES REGULATIONS OR REQUIREMENTS.

2) THE CONTRACTOR OF OCCUPANCY SHALL NOT BE ISSUED UNTIL THE DRAINAGE STRUCTURES, CURBS, SIDEWALKS, STREETS/DRIVEWAYS (IF REQUIRED IN PLANS), AND ROAD (INCLUDING BASE COURSE OF PAVEMENT) AND ALL OTHER PROPOSED IMPROVEMENTS ARE PROPERLY INSTALLED, UNLESS OTHERWISE NOTED.

3) THERE IS A 50' BUFFER REQUIREMENT FROM WETLANDS (GREATER THAN 1/2 ACRE IN SIZE) UNDER THE CITY OF ROCHESTER ZONING ORDINANCE AS SHOWN ON THIS PLAN. THERE MAY BE NO ENCROACHMENT WITHIN THESE BUFFERING EXCEPT AS PERMITTED UNDER THE ORDINANCE. THE WETLAND BUFFER SHALL NOT BE USED AS A STAGING AREA.

4) THIS DEVELOPMENT MUST BE IN COMPLIANCE WITH ALL APPLICABLE LAW - INCLUDING ALL PERMIT PROVISIONS OF THE CITY OF ROCHESTER SITE PLAN REGULATION - UNLESS OTHERWISE NOTED.

5) SHEETS 1-1, 1-2, 1-3, 1-4, 1-5, 1-6, 1-7, 1-8, 1-9, 1-10, 1-11, 1-12, 1-13, 1-14, 1-15, 1-16, 1-17, 1-18, 1-19, 1-20, 1-21, 1-22, 1-23, 1-24, 1-25, 1-26, 1-27, 1-28, 1-29, 1-30, 1-31, 1-32, 1-33, 1-34, 1-35, 1-36, 1-37, 1-38, 1-39, 1-40, 1-41, 1-42, 1-43, 1-44, 1-45, 1-46, 1-47, 1-48, 1-49, 1-50, 1-51, 1-52, 1-53, 1-54, 1-55, 1-56, 1-57, 1-58, 1-59, 1-60, 1-61, 1-62, 1-63, 1-64, 1-65, 1-66, 1-67, 1-68, 1-69, 1-70, 1-71, 1-72, 1-73, 1-74, 1-75, 1-76, 1-77, 1-78, 1-79, 1-80, 1-81, 1-82, 1-83, 1-84, 1-85, 1-86, 1-87, 1-88, 1-89, 1-90, 1-91, 1-92, 1-93, 1-94, 1-95, 1-96, 1-97, 1-98, 1-99, 1-100, 1-101, 1-102, 1-103, 1-104, 1-105, 1-106, 1-107, 1-108, 1-109, 1-110, 1-111, 1-112, 1-113, 1-114, 1-115, 1-116, 1-117, 1-118, 1-119, 1-120, 1-121, 1-122, 1-123, 1-124, 1-125, 1-126, 1-127, 1-128, 1-129, 1-130, 1-131, 1-132, 1-133, 1-134, 1-135, 1-136, 1-137, 1-138, 1-139, 1-140, 1-141, 1-142, 1-143, 1-144, 1-145, 1-146, 1-147, 1-148, 1-149, 1-150, 1-151, 1-152, 1-153, 1-154, 1-155, 1-156, 1-157, 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SHEET No. SP-2	GENERAL SITE PLAN INDIAN RIDGE 66 ROCHESTER HILL ROAD ROCHESTER, NEW HAMPSHIRE DECEMBER 9, 2014 SCALE: 1" = 30'	JOB No. 14110		REVISIONS	TRITECH ENGINEERING CORPORATION 755 CENTRAL AVENUE DOVER, NEW HAMPSHIRE 03820 TELEPHONE 603 748 8107 FAX 603 748 3830					
				<table border="1"><thead><tr><th>DATE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>01-13-15</td><td>T.R.G. REVISIONS</td></tr><tr><td>02-16-15</td><td>T.R.G. #2 REVISIONS</td></tr><tr><td>12-24-15</td><td>ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL</td></tr><tr><td>02-10-16</td><td>REVISED PER NHDOT PERMIT</td></tr></tbody></table>		DATE	DESCRIPTION	01-13-15	T.R.G. REVISIONS	02-16-15
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12-24-15	ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL									
02-10-16	REVISED PER NHDOT PERMIT									



- C-1 CONSTRUCTION NOTES:**
1. ALL CONSTRUCTION SHALL CONFORM WITH THE 2010 STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (MDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS.
 2. THE CONTRACTOR IS REQUIRED UNDER NEW HAMPSHIRE LAW TO CONTACT THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (MDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS.
 3. AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED BY A REGISTERED PROFESSIONAL ENGINEER AND A DESIGN FOR THE CITY OF ROCHSTER ENGINEER, OTHER THAN THE ENGINEER OF THE PROJECT, AS SHOWN ON THE PLANS, BEFORE THE PROJECT IS COMPLETED. THE CITY, THE ENGINEER, THE APPLICANT, AND THE APPLICANTS SITE CONTRACTOR SHALL OCCUR PRIOR TO ANY SITE WORK COMMENCING.
 4. ALL DISTURBED AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION BY THE INSTALLATION OF THE EROSION AND SEDIMENT CONTROL PRACTICES WHICH ARE SHOWN IN DETAIL 12 SHEET C-1. INSTALL TEMPORARY SLOPE PRIOR TO ANY EARTHWORK ACTIVITIES PER DETAIL 2, SHEET C-3.
 5. INSTALL STABILIZED CONSTRUCTION ENTRANCE AT PROJECT ENTRANCE, PER DETAIL 7, SHEET C-1.
 6. WHITE PAVEMENT MARKINGS SHALL BE 4" WIDE, PARKING STALLS SHALL BE 8'0" x 18'0".
 7. INSTALL SLOPED GRANITE CURB PER DETAIL 4, SHEET C-2.
 8. INSTALL 5' ASPHALT WALK PER DETAIL 7, SHEET C-2.
 9. ACCESS INTO THE SITE FOR FIRE APPARATUS MUST BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION PROCESS. THIS IS THE SOLE RESPONSIBILITY OF THE APPLICANT/DEVELOPER TO MAINTAIN THIS ACCESS. PLEASE CONTACT THE FIRE DEPARTMENT AT 200-7182 WITH ANY QUESTIONS ABOUT ACCESS REQUIREMENTS.
 10. PRIOR TO THE START OF CONSTRUCTION, AN ORANGE CONSTRUCTION FENCE MUST BE PLACED AT WETLANDS UNDER 1/2 ACRE IN SIZE, THE WETLAND BUFFER AND THE LIMITS OF CLEARING.
 11. PROPOSED DOUBLE SLOPED PILE STANDING PROJECT SOIL 12 SQUARE FEET EACH DOC (24' x 77'), 6' x 6' GRANITE POST SUPPORTS, BARRIER HEIGHT OF 6'0" ABOVE FINISH GRADE.
 12. INSTALL 6'17" OF 6' HIGH VINYL STOCKADE FENCE, 2' FROM PROPERTY LINE. (SEE SHEET Lp-2, DETAIL 3)
 13. INSTALL 8'17" OF 6' HIGH VINYL STOCKADE FENCE, (TYP) FENCE TO BE ATTACHED TO WOOD FRAMED DECK.
 14. CONSTRUCT 8' x 10' DECK (TYP) DECK RAILINGS SHALL BE VINYL.
 15. CONSTRUCT 4' x 12' CONCRETE PAD AND INSTALL MAINTENANCE COORDINATE WITH US POSTAL SERVICE.
 16. INSTALL 8' OF 6' HIGH VINYL PRIVACY FENCE, (TYP). (SEE SHEET Lp-2, DETAIL 3)
 17. INSTALL STOP SIGN IN ACCORDANCE WITH THE 2010 STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (MDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 18. INSTALL 18" STOP BAR IN ACCORDANCE WITH THE 2010 STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (MDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 19. INSTALL STREET SIGN "SOUND LANE" & "PRIVATE" IN ACCORDANCE WITH THE CITY OF ROCHSTER DEPARTMENT OF PUBLIC WORKS.
 20. RECONSTRUCT WORKED SHOULDER IN ACCORDANCE WITH MDOT DRIVEWAY PERMIT #08-389-614, SEE DETAIL 10 ON SHEET C-4. SEE SHEET C-5 FOR THE LIMITS OF RECONSTRUCTION.
 21. NOT USED.
 22. NOT USED.
 23. INSTALL 600' OF 6' HIGH CLOUD STOCKADE FENCE. (SEE SHEET Lp-1, DETAIL 1 & NOTES C-1 & C-2)
 24. INSTALL SLOPE SOIL. SEE DETAIL 6, SHEET C-4.
 25. INSTALL 60' OF 6' HIGH VINYL STOCKADE FENCE @ PROPERTY LINE. (SEE SHEET Lp-2, DETAIL 3)
 26. BUFFER PLACARDS AS SHOWN ON SHEET SP-3. PLACARDS SHALL INDICATE LIMIT OF WETLANDS.
 27. CONSTRUCT 2' x 10' CONCRETE PAD WITH PLANE AT EACH GARAGE ENTRANCE.
 28. CONSTRUCT 4' x 10' CONCRETE PAD FOR SCHOOL BUS SHELTER.
 29. INSTALL 24" OF 6' HIGH VINYL STOCKADE FENCE @ PROPERTY LINE (SEE SHEET Lp-2, DETAIL 3).
 30. INSTALL RETAINING WALLS AS NECESSARY FOR GRADE CHANGE BETWEEN UNITS.
 31. INSTALL TIP DOWN AND REVERSIBLE WARNING PER DETAIL 10 SHEET C-3.

SHEET No.

SP-3

GENERAL SITE PLAN

INDIAN RIDGE

66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE

DECEMBER 9, 2014

SCALE: 1" = 30'

TRITECH
ENGINEERING CORPORATION

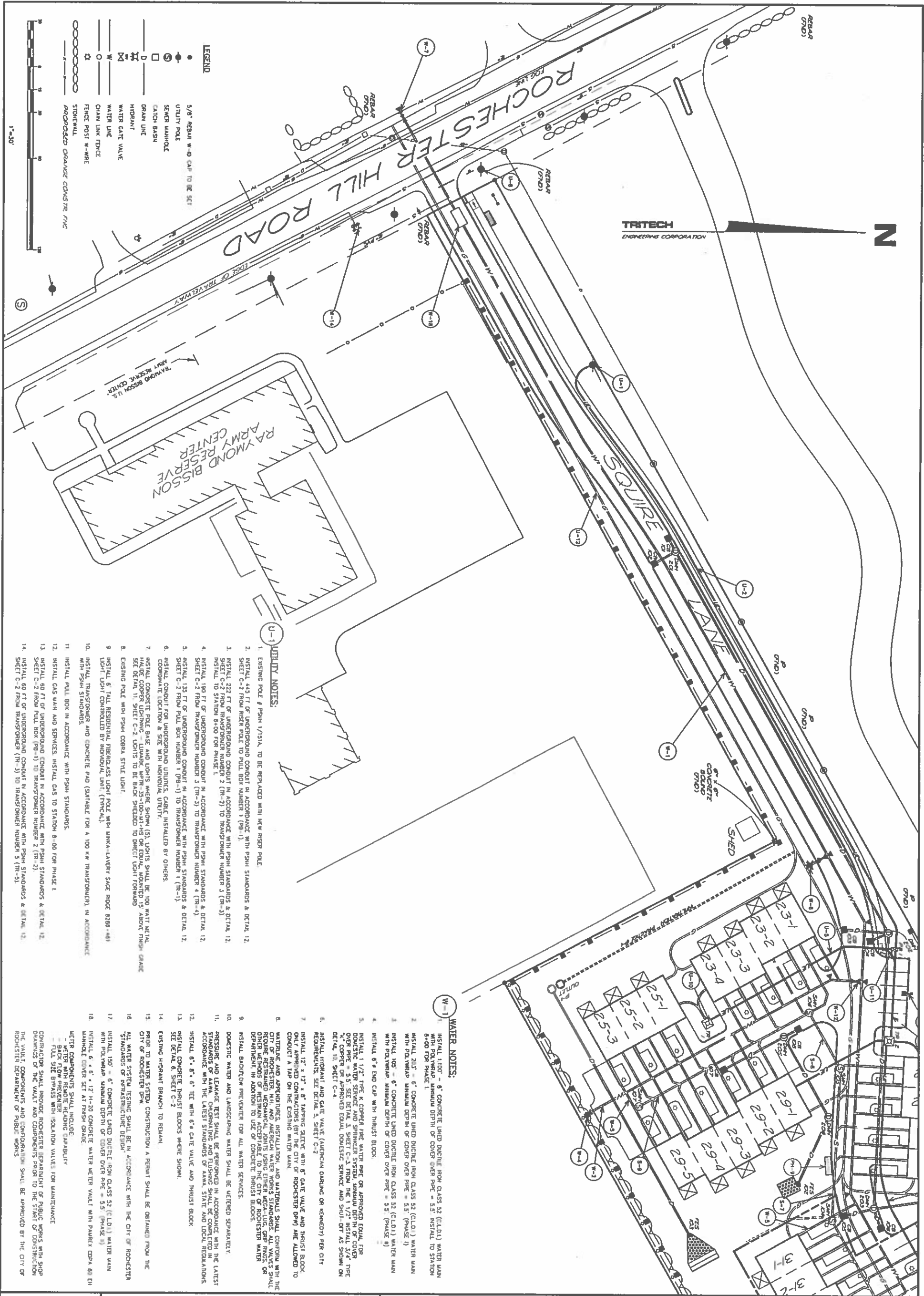
705 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03820
TELEPHONE 603 748 8107
FAX 603 748 3830

REVISIONS

DATE:	DESCRIPTION:
01-13-15	T.B.G. REVISIONS
02-18-15	T.B.G. #2 REVISIONS
12-24-15	ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL

STATE OF NEW HAMPSHIRE
ROBERT STOWELL
No. 9903
REGISTERED PROFESSIONAL ENGINEER
EXPIRATION DATE 12/31/16

02/15/16



SHEET No.

SP-4

SITE DEVELOPMENT PLAN

INDIAN RIDGE

66 ROCHESTER HILL ROAD

ROCHESTER, NEW HAMPSHIRE

DECEMBER 9, 2014

SCALE: 1" = 30'

JOB No. 14110

STATE OF NEW HAMPSHIRE

ROBERT J. STOWELL

Professional Engineer

02/15/16

REVISIONS

DATE:	DESCRIPTION:
01-13-15	I.B.G. REVISIONS
02-18-15	I.B.G. #2 REVISIONS
12-24-15	NOT & DOT COMMENTS AND CONDITIONS OF APPROVAL
02-10-16	ADDED METER VAULT

TRITECH

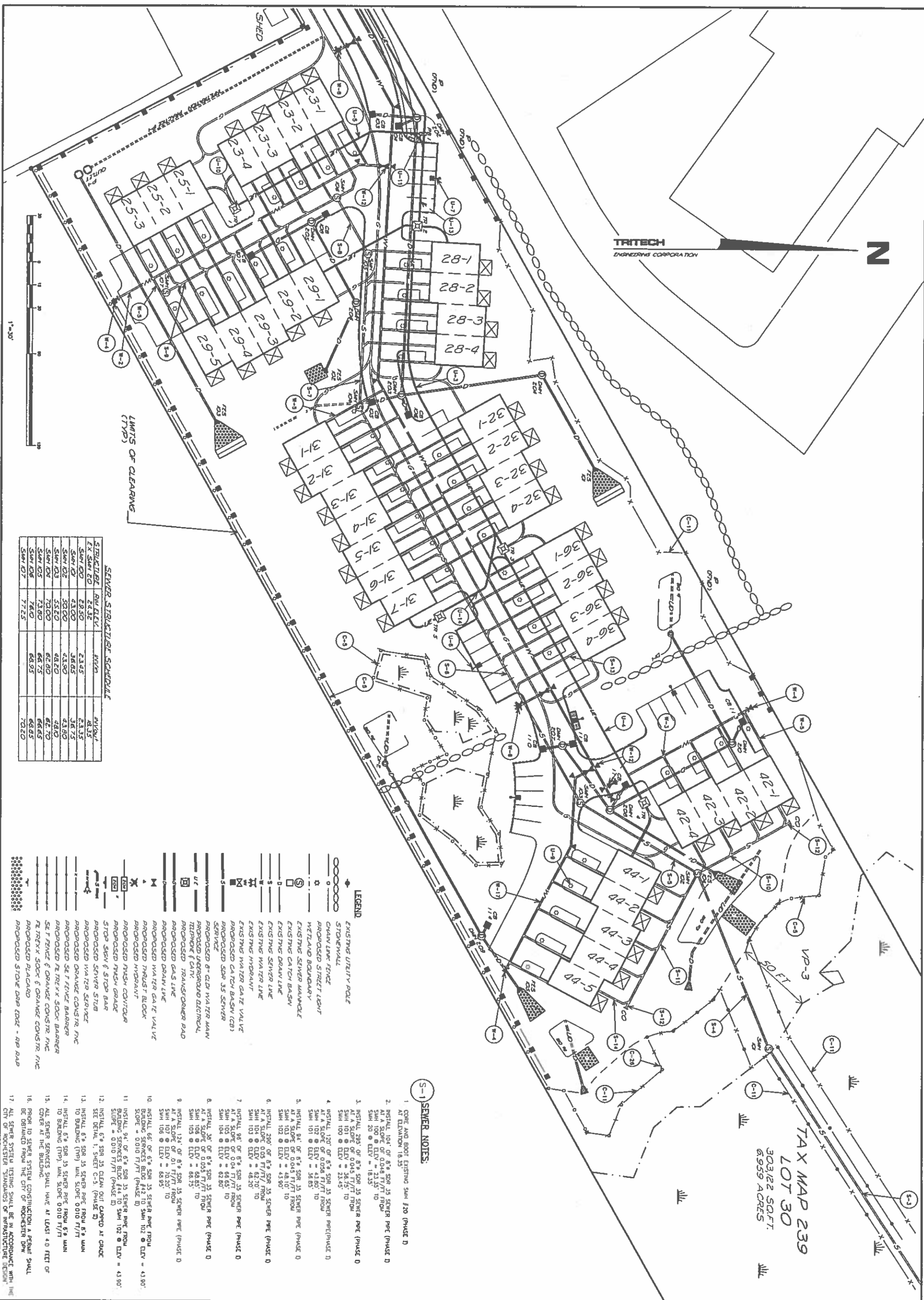
ENGINEERING CORPORATION

755 CENTRAL AVENUE

DOVER, NEW HAMPSHIRE 03801

TELEPHONE 603 742 8107

FAX 603 742 3830



STRUCTURE EX STRUCT EO	RW ELEV	W27W	W37W
SWH 00	23.50	23.45	24.35
SWH 01	43.00	36.65	23.35
SWH 02	50.00	43.90	36.75
SWH 03	53.20	44.20	43.90
SWH 04	70.00	62.70	44.0
SWH 05	73.80	66.70	62.70
SWH 06	76.0	66.65	66.65
SWH 07	77.25	66.95	66.85
			70.20

	LEGEND
	EXISTING UTILITY POLE
	STONEWALL
	CHAIN LINK FENCE
	PROPOSED STREET LIGHT
	WETLAND BOUNDARY
	EXISTING SEWER MANHOLE
	EXISTING CATCH BASIN
	EXISTING DRAIN LINE
	EXISTING SEWER LINE
	EXISTING WATER LINE
	EXISTING HYDRANT
	EXISTING WATER GATE VALVE
	PROPOSED SDR 35 SEWER SERVICE
	PROPOSED 8\"/>
	PROPOSED UNDERGROUND ELECTRICAL TRENCH & CONDUIT
	PROPOSED TRANSFORMER PAD
	PROPOSED GAS LINE
	PROPOSED DRAIN LINE
	PROPOSED WATER GATE VALVE
	PROPOSED THRUST BLOCK
	PROPOSED HYDRANT
	PROPOSED PUSH CONTROL
	PROPOSED STOP SIGN
	STOP BAR & STOP BAR
	PROPOSED SERVER STUB
	PROPOSED ORANGE CONSTR. FNC.
	PROPOSED STEEL FRAME BARRIER
	PROPOSED TREE X STOCK BARRIER
	ORANGE CONSTR. FNC.
	STEEL FRAME BARRIER
	TREE X STOCK CONSTR. FNC.
	PROPOSED STONE DEEP EROSION - RIP RAP

- S-1 SEWER NOTES:**

1. CORE AND BOOT EXISTING SH# 1/20 (PHASE D)
@ ELEVATION 16.35
2. INSTALL 104" OF 8" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.046 F.T./F.T. FROM
SH# 103 @ ELEV. = 23.35 TO
SH# 20 @ ELEV. = 16.30
3. INSTALL 286" OF 8" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.043 F.T./F.T. FROM
SH# 101 @ ELEV. = 23.65 TO
SH# 100 @ ELEV. = 23.45
4. INSTALL 120" OF 8" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.026 F.T./F.T. FROM
SH# 102 @ ELEV. = 43.60 TO
SH# 101 @ ELEV. = 36.85
5. INSTALL 94" OF 6" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.043 F.T./F.T. FROM
SH# 102 @ ELEV. = 43.80 TO
SH# 100 @ ELEV. = 43.50
6. INSTALL 280" OF 8" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.043 F.T./F.T. FROM
SH# 101 @ ELEV. = 43.70 TO
SH# 103 @ ELEV. = 48.20
7. INSTALL 94" OF 6" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.04 F.T./F.T. FROM
SH# 104 @ ELEV. = 66.65 TO
SH# 103 @ ELEV. = 66.75
8. INSTALL 124" OF 8" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.043 F.T./F.T. FROM
SH# 101 @ ELEV. = 76.20 TO
SH# 107 @ ELEV. = 76.20
9. INSTALL 160" OF 6" SDR 35 SENDER PIPE (PHASE D)
@ A SLOPE OF 0.010 F.T./F.T. FROM
SH# 106 @ ELEV. = 66.95 TO
SH# 104 @ ELEV. = 66.95
10. INSTALL 66" OF 6" SDR 35 SENDER PIPE FROM
BUILDING SERVICES (R/W) 144 TO SH# 102 @ ELEV. = 43
SLOPE = 0.010 F.T./F.T. (PHASE D)
11. INSTALL 94" OF 6" SDR 35 SENDER PIPE FROM
BUILDING SERVICES (R/W) 144 TO SH# 102 @ ELEV. = 43
SLOPE = 0.010 F.T./F.T. (PHASE D)
12. INSTALL 6" SDR 35 CLEAN OUT CAPED AT GRADE
SEE DETAIL 1, SHEET C-5. (PHASE D)
13. INSTALL 6" SDR 35 SENDER PIPE FROM 6" MAN
TO BUILDING (TYP) MAN SLOPE 0.010 F.T./F.T.
14. INSTALL 6" SDR 35 SENDER PIPE FROM 6" MAN
TO BUILDING (TYP) MAN SLOPE 0.010 F.T./F.T.
15. ALL SENDER SERVICES SHALL HAVE AT LEAST +0 FEET OF
COVER AT THE BUILDING.
16. PRIOR TO SEWER SYSTEM CONSTRUCTION A PERMANENT SHALL
BE OBTAINED FROM THE CITY OF ROCHESTER DRAIN
AGE DEPARTMENT.
17. CITY OF ROCHESTER STANDARDS OF INFRASTRUCTURE DESIGN

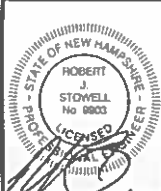
SHEET No.

SITE DEVELOPMENT PLAN
INDIAN RIDGE

66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE

JOB No. 14110

SCALE: 1" = 30'



REVISIONS	
DATE:	DESCRIPTION:
01-13-15	T.R.G. REVISIONS
02-18-15	T.R.G. #2 REVISIONS
12-24-15	NOT & DOT COMMENTS AND
	CONDITIONS OF APPROVAL

TRITECH
ENGINEERING CORPORATION

755 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03820

TELEPHONE 803 742 8107
FAX 803 742 3890



SHEET No.

SITE GRADING PLAN
INDIAN RIDGE

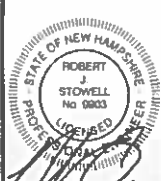
66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE

DECEMBER 9, 2014

JOB No. 14110

SCALE: 1" = 30'

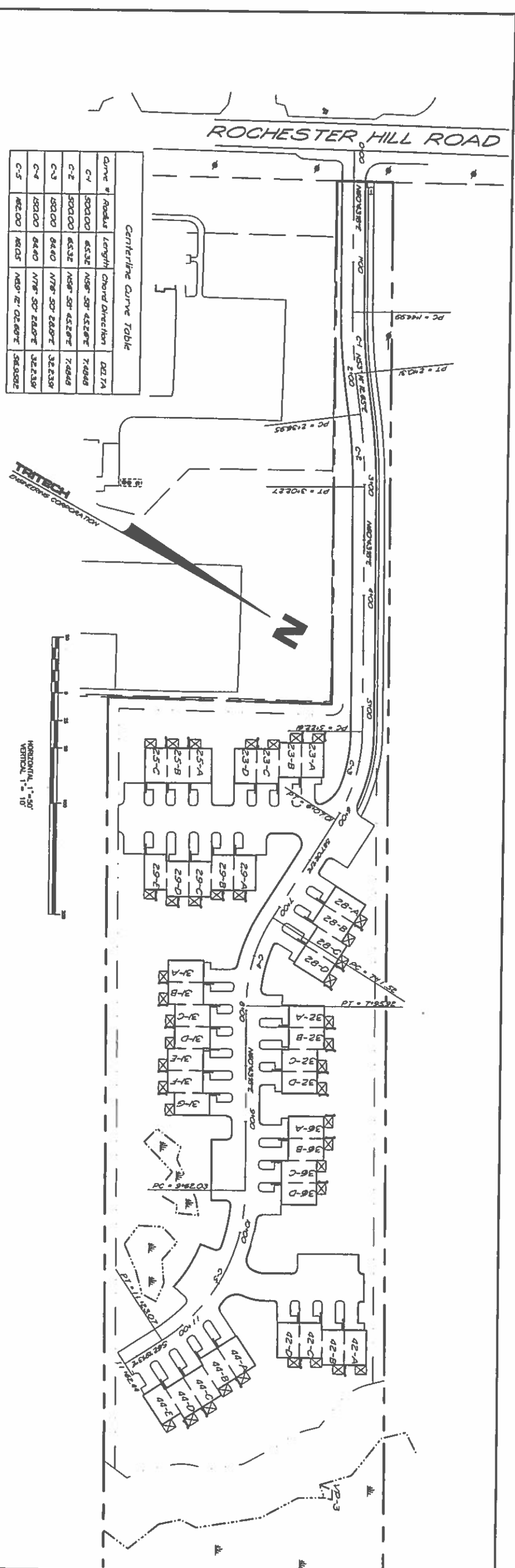
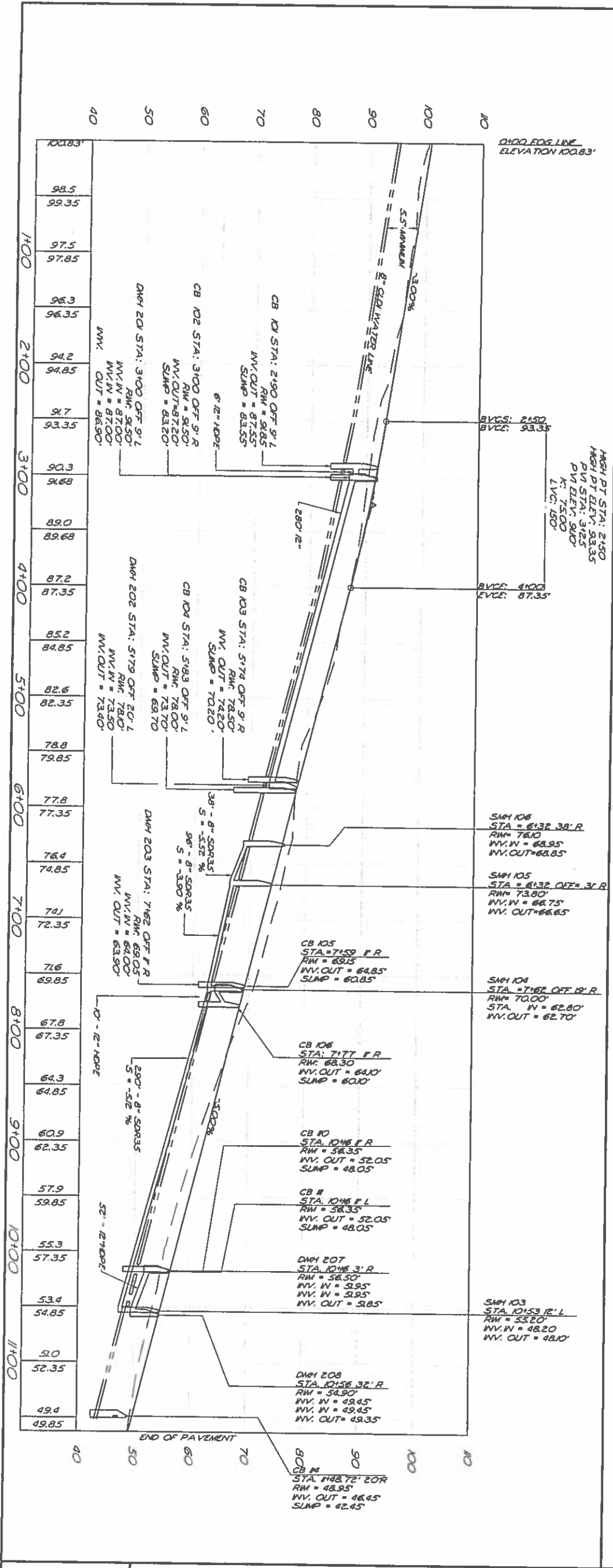
Q-7



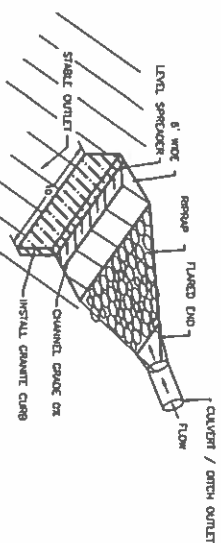
REVISIONS	
DATE:	DESCRIPTION:
01-13-15	T.R.G. REVISIONS
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12-24-15	AGT & DOT COMMENTS AND CONDITIONS OF APPROVAL

TRITECH
ENGINEERING CORPORATION

755 CENTRAL AVENUE
DOVER NEW HAMPSHIRE 03820
TELEPHONE 803 742 8107

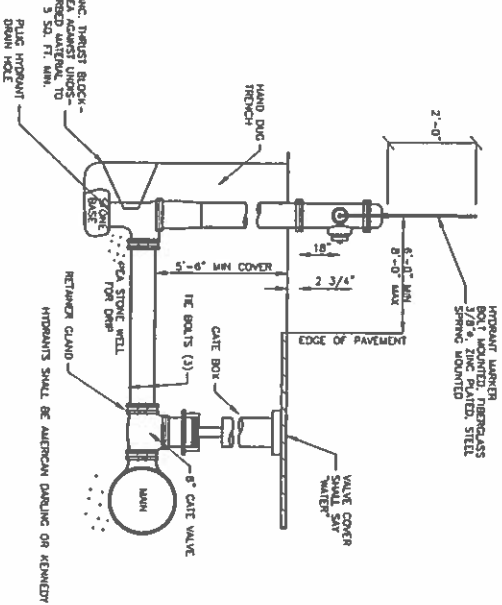


SHEET NO.	ROAD PLAN & PROFILE INDIAN RIDGE PROPOSED SQUIRE LANE 66 ROCHESTER HILL ROAD ROCHESTER, NH DECEMBER 9, 2014 SCALE: 1" = 50'	ROBERT J. STONWELL No. 5903 Professional Engineer State of New Hampshire	REVISIONS		TRITECH ENGINEERING CORPORATION 755 CENTRAL AVENUE DOVER, NEW HAMPSHIRE 03820 TELEPHONE 603 742 8107 FAX 603 742 3630
			DATE:	DESCRIPTION:	
C-1			01-13-15	PER TRS COMMENTS	
			02-18-15	PER TRS COMMENTS	
			12-24-15	AOT & DOT COMMENTS AND CONDITIONS OF APPROVAL	
			02-10-16	PER DOT PERMIT	

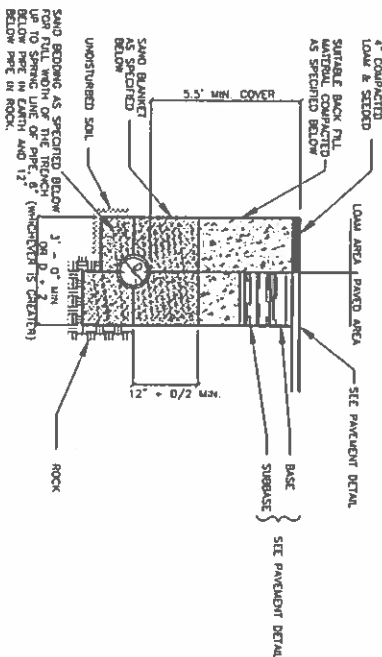


PERSPECTIVE VIEW

1 LEVEL SPREADER



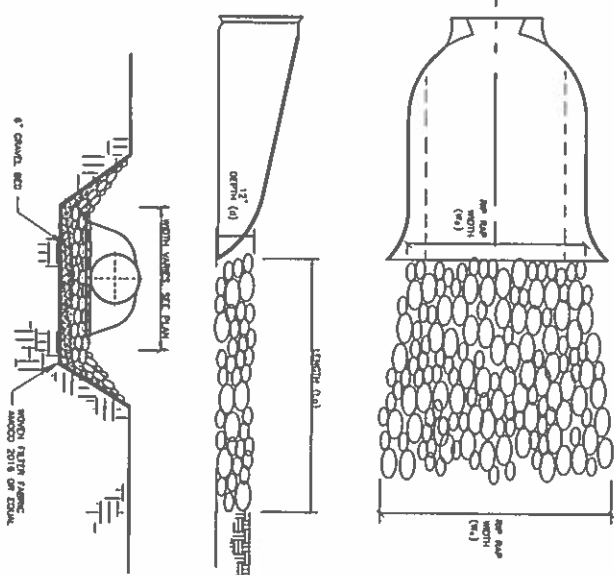
5 HYDRANT & VALVE DETAIL



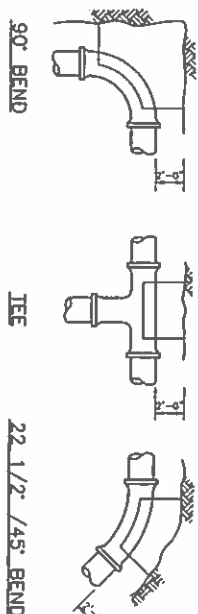
SAND BLANKET & BEDDING	
SIEVE SIZE	PERCENT BY WEIGHT
1/2	90 - 100
200	0 - 15

9 WATER LINE TRENCH
NOT TO SCALE

BACK FILL MATERIAL, BELOW PAVED OR CONCRETE AREAS, BEDDING MATERIAL, AND SAND BLANKET SHALL BE COMPACTED TO NOT LESS THAN 95% OF AASHTO T 99, METHOD C. SATIABLE BACK FILL MATERIAL BELOW LOAM AREAS SHALL BE COMPACTED TO NOT LESS THAN 90% OF AASHTO T 99, METHOD C.



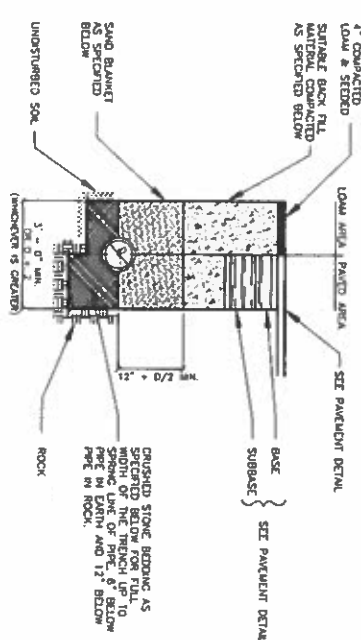
2 RIPRAP DETAIL
NOT TO SCALE



PIPE SIZE	90° BEND	TEE	PLUG	45° BEND	22 1/2° SMALLER
6"	5	4	3	2	2
8"	9	6	3	7	7
12"	11	9	7	7	4

NOTE: SIZE OF THRUST BLOCK MAY BE INCREASED BY THE ENGINEER TO MEET SOIL CONDITIONS FOUND DURING CONSTRUCTION

6 WATER MAIN THRUST BLOCK DETAILS
NOT TO SCALE



SAND, BLANKET

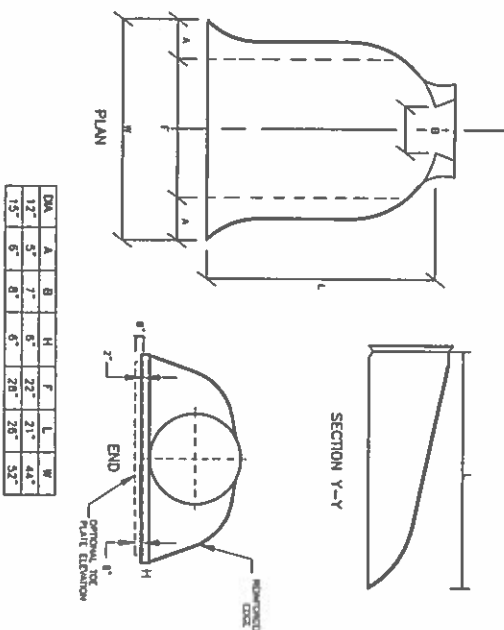
CRUSHED STONE BEDDING
SIEVE SIZE ADHER BY WEIGHT

174
200

* EQUIVALENT TO STANDARD STONE SIZE #67 - SECTION 703 OF MOBOT STANDARD SPECIFICATIONS

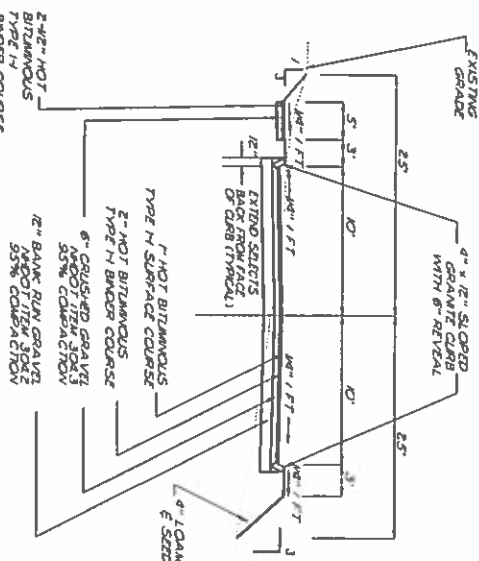
BACK FILL MATERIAL BLOW PAVED OR CONCRETE AREAS, BEDDING MATERIAL, AND SAND BLANKET SHALL BE COMPACTED TO NOT LESS THAN 95% OF AASHTO T 99, METHOD C. SUITABLE BACK FILL MATERIAL BLOW LOW AREAS SHALL BE COMPACTED TO NOT LESS THAN 90% OF AASHTO T 99, METHOD C.

⑩ STORM DRAINAGE & SEWER PIPE TRENCH
NOT TO SCALE

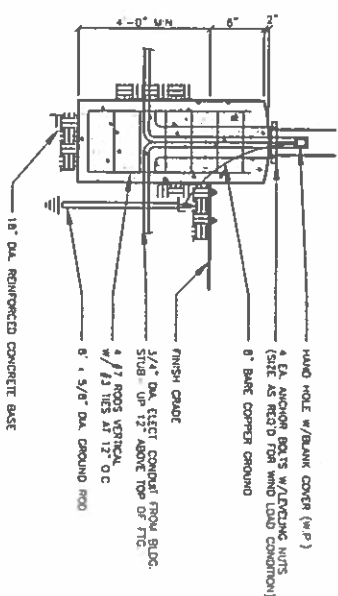


③ **CMP FLARED END SECTION**
NOT TO SCALE

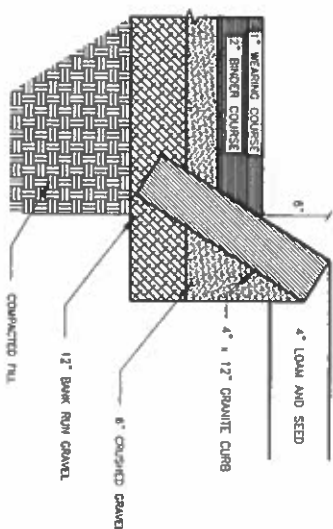
DNA	A	B	H	F	L	W
12"	5"	7"	6"	22"	21"	44"
15"	6"	8"	6"	26"	26"	52"



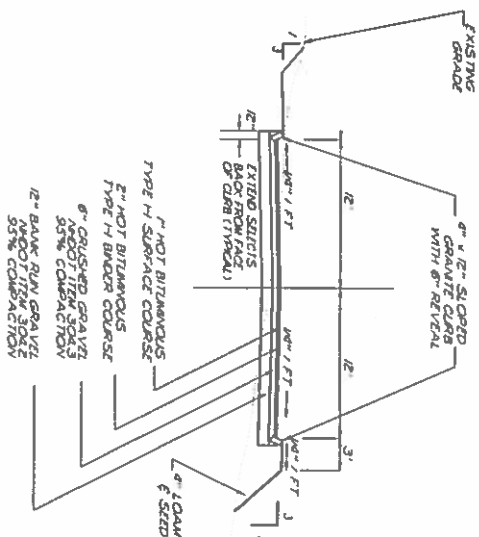
7 TYPICAL ROAD CROSS SECTION
(NOT TO SCALE)



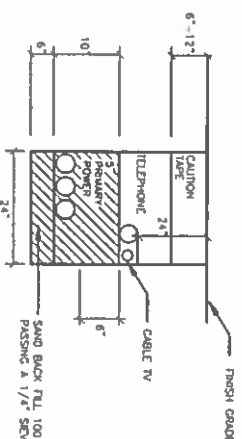
11 SITE LIGHTING BASE
NOT TO SCALE



4 SLOPED GRANITE CURB SECTION
NOT TO SCALE



8 TYPICAL ROAD CROSS SECTION
(NOT TO SCALE)



- 1) TELEPHONE CONDUIT SHALL BE 3" SCHEDULE 40 P.W.C. WITH STEEL SWEDGES AT EVERY POLE, AT BENDS AND AT BUILDING.
- 2) LEAVE PULL ROPE IN ALL CONDUITS FOR CABLE INSTALLATION.
- 3) FOR COMPLETE SPECIFICATION SEE "PUBLIC SERVICE COMPANY STANDARD CONSTRUCTION SPECIFICATIONS FOR UNDERGROUND CONDUIT SYSTEMS"
- 4) CONDUIT/ROPE SHOULD VARY THE NUMBER & SIZE OF CONDUIT WITH THE APPROPRIATE UTILITIES.
- 5) THE OVERLAP/LAYOUT IS DESIGNED AS A LOOP SYSTEM. THE REPEAL CONTAINS (1) 3" Primary, (1) 3" Primary RETURN AND (1) 5" Spare

12 ELECTRICAL TRENCH
NOT TO SCALE

SHEET No.

Q10

CONSTRUCTION DETAILS
INDIAN RIDGE

66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE
DECEMBER 9, 2014 JOB No. 14

JOB No. 14110

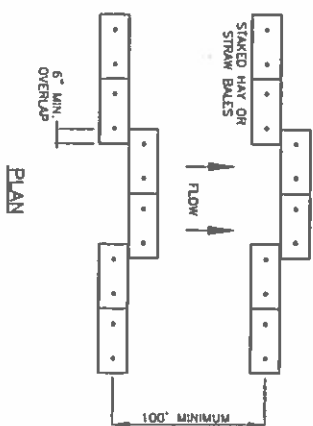
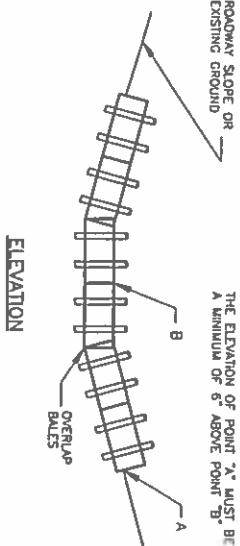
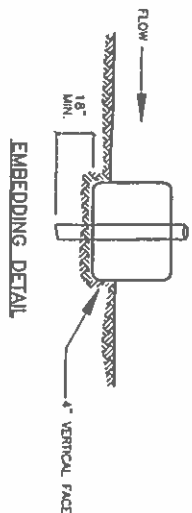


REVISIONS	
DATE:	DESCRIPTION:
01-13-15	I.R.G. REVISIONS
02-16-15	I.R.G. #2 REVISIONS
12-24-15	ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL

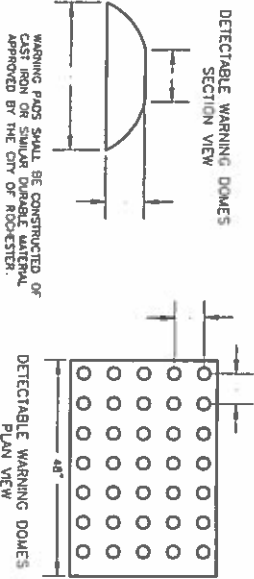
TRITECH

ENGINEERING CORPORATION

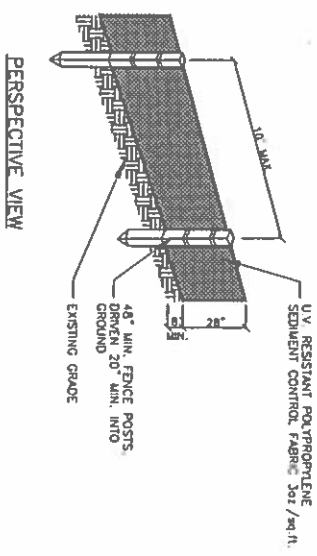
765 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03820
TELEPHONE 603 742 8107
FAX 603 742 3830



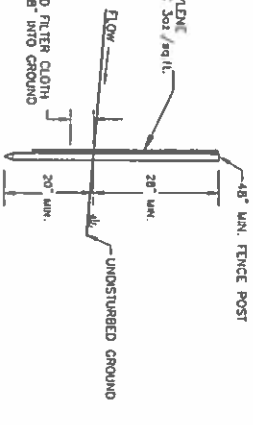
- ## CONSTRUCTION SPECIFICATIONS
1. BALES SHALL BE PLACED IN A ROW WITH ENDS TOGETHER, ABUTTING THE ADVANCED BALES.
 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 12 INCHES.
 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE ANCHORED PREVIOUSLY Laid BALE.
 4. INSPECTION SHALL BE REQUIRED AFTER EACH REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED (WITH EACH RAIN).
 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR PURPOSE, SO AS NOT TO BLOCK OR IMPED STORM FLOW.
 6. REMOVE AND PROPERLY DISPOSE OF ALL SEDIMENT PRIOR TO REMOVING BALE.
 7. MAINTAIN.



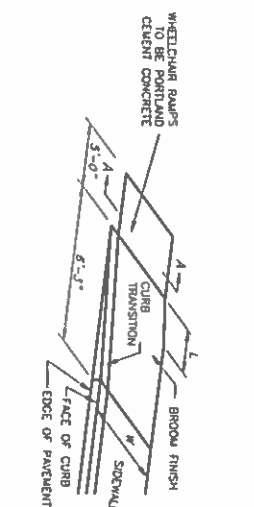
1. THE DIMENSIONS SHOWN AT ROADWAY EDGE ARE FIELD DISTANCES.
2. RAMP CROSS SECTION TO BE SAME AS ADJACENT SIDEWAY, I.E. DEPTH OF SURFACE AND FOUNDATION.
3. CONCRETE CEMENT CONCRETE RAMP ARE TO BE FURNISHED BY BROODING IN A SIDEWALK THAT CROSS DIRECTION SHALL BE RAISED TO MEET THE GRADE OF DRIVEWAY.
4. THESE DIMENSIONS ARE SUBJECT TO CHANGE IN THE FIELD IF EXISTING UNDERSTANDINGS OR CONDITIONS WILL MAKE THE RAMP LOCATIONS IMPRACTICAL.
5. DETACHABLE WARNING TO BE INSTALLED 6" RAMP EDGE OF RAMP.
6. DRAINAGE WARNING PADS SHALL BE CONSTRUCTED OF CAST IRON OR SIMILAR DURABLE MATERIAL, APPROVED BY THE CITY OF HOCHSTETTER.



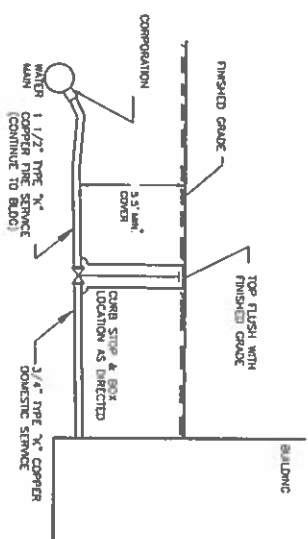
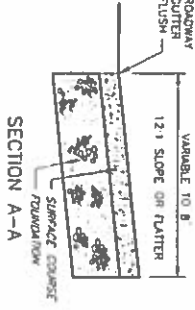
- # NOTES
1. THE GEOTEXTURE FABRIC SHALL MEET THE DESIGN CRITERIA FOR BEST MANAGEMENT PRACTICE FOR SOIL EROSION, OF THE NATIONAL DEVELOPMENT AND EROSION AND SEDIMENT CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE PREPARED BY ROCKINGHAM COUNTY CONSERVATION DISTRICT, DATED AUGUST 1992.
 2. THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 6 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJACENT EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, TOLDED AND STAPLED.
 4. FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 20 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQ. IN.
 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT DAMAGE IN THE SAT FENCE DUE TO DISPOSITION OF SEDIMENT.
- REMOVE BY HAND AND PROPERLY DISPOSE OF ALL SEDIMENT PRIOR TO REMOVING FENCE.



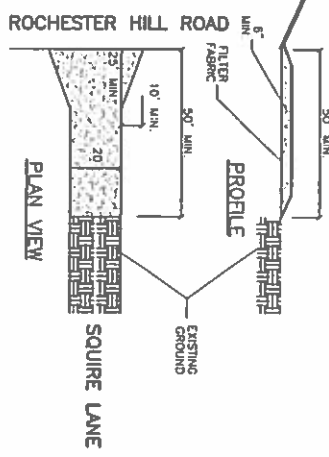
- ② SILT FENCE
NOT TO SCALE



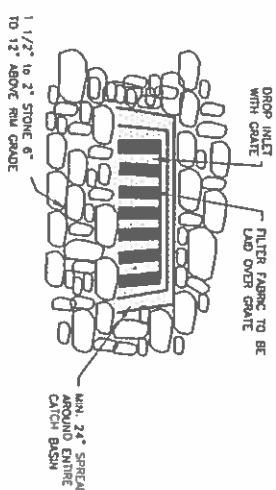
- | W | L | Sr |
|-------|-------|-----|
| 5'-0" | 7'-9" | 6.3 |
| 6'-0" | 7'-0" | 7.2 |
| 7'-0" | 7'-0" | 8.0 |
| 8'-0" | 7'-0" | 8.1 |



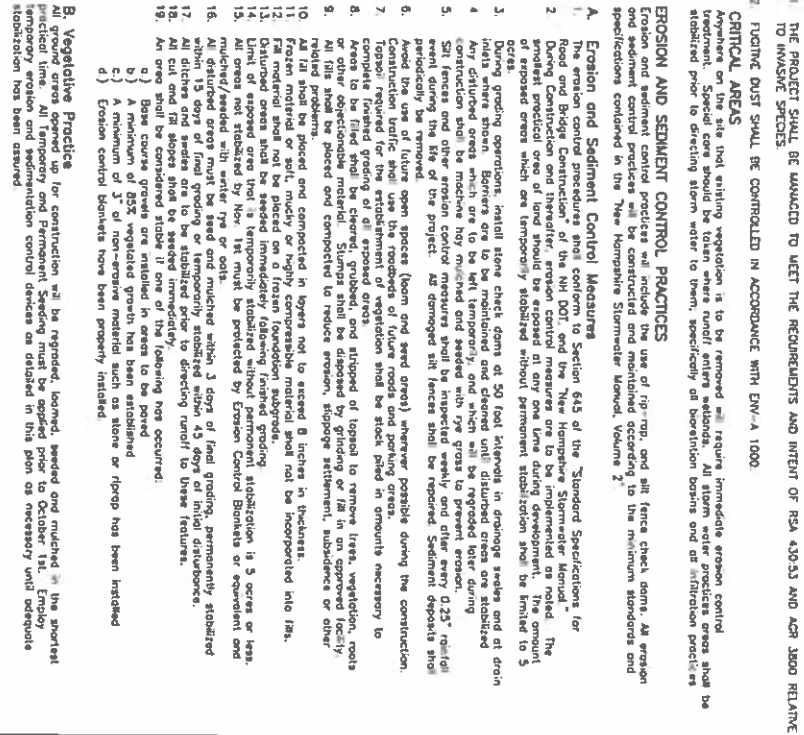
- 1.) SERVICE TO BE TYPE "C" COPPER OR EQUIV. APPROVED BY LOCAL AND STATE SPECIFICATIONS.
- 2.) BALL VALVE CLIMB STOP COMPRESSION (NO DRAW)
- 3.) WATER SERVICE SIZE MAY BE MODIFIED AS WARRANTED BY THE SUPPRESSION SYSTEM



1. GRADE AND COMPACT NEAR ROAD ENTRANCE AS NECESSARY TO PROVIDE ADEQUATE DRAINAGE. PLACE 6" OF 1" - 2" STONE TO MATCH SLOPE OF EXISTING ROAD
2. PROVIDE NECESSARY SWALES OR DEFLECTIONS TO MINIMIZE DIRECT FLOW OF WATER OVER STONE BANK
3. CONSTRUCTION ENTRANCE SHALL BE MAINTAINED AS NECESSARY TO ALLOW FREE FLOW OF WATER. PROVIDE PUBLIC GRADES. STONE SHALL BE CONSTRUCTED FROM LOCAL PRODUCT
4. TO WASH ANY SILT WASHED FROM THE STONE
5. BARRELS OR SILT FENCE SHALL BE PLACED ON THE DOWN GRADIENT SIDE AS SHOWN ON THE EROSION CONTROL PLAN



- INSTALLATION: - PLACE THE MESH ON FILTER FABRIC ON THE CATCH BASIN SO THAT THE MESH EXTENDS A MINIMUM OF 18" BEYOND EACH SIDE OF THE INLET STRUCTURE. USE FILTER FABRIC OR IF AVAILABLE USE HARDWARE CLOTH OR COMPARABLE WEAVE MESH WITH 1/2" OPENINGS. - PLACE THE INLET STRUCTURE IN THE CATCH BASIN WITH THE DEPTH OF STONE SHOULD BE AT LEAST 12" TO 18" OVER THE ENTIRE INLET OPENING. EXTEND THE STONE BED THE INLET AT LEAST 24" BEYOND THE INLET.

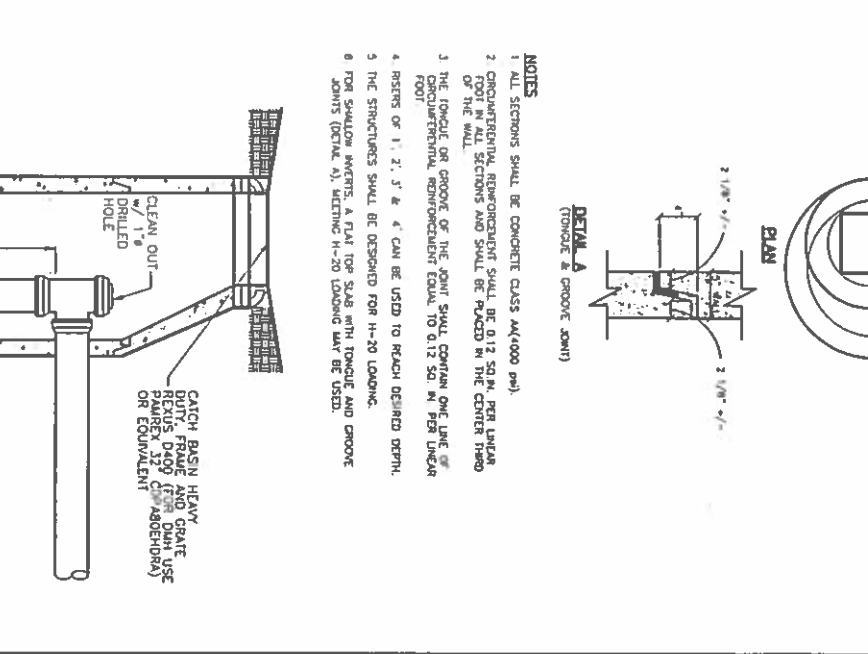
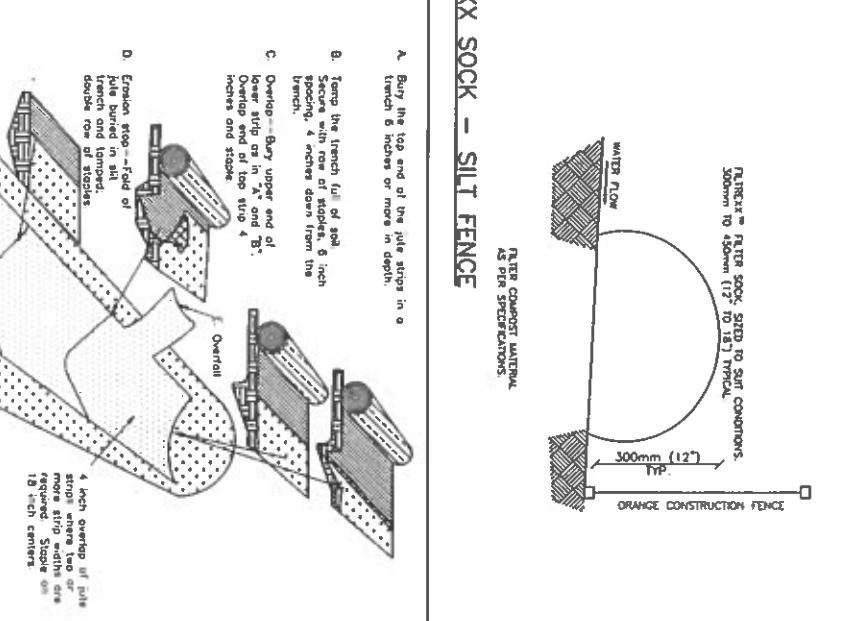
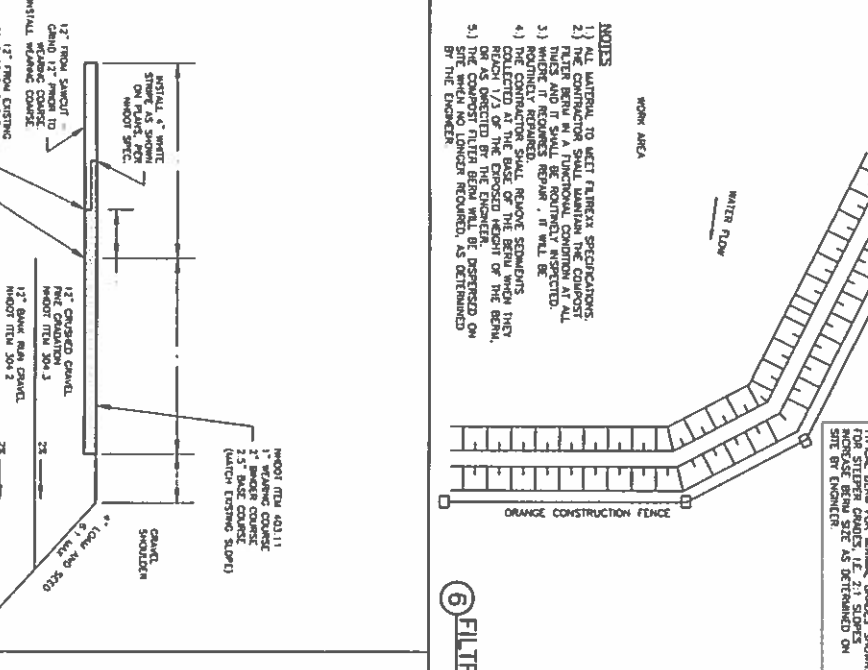
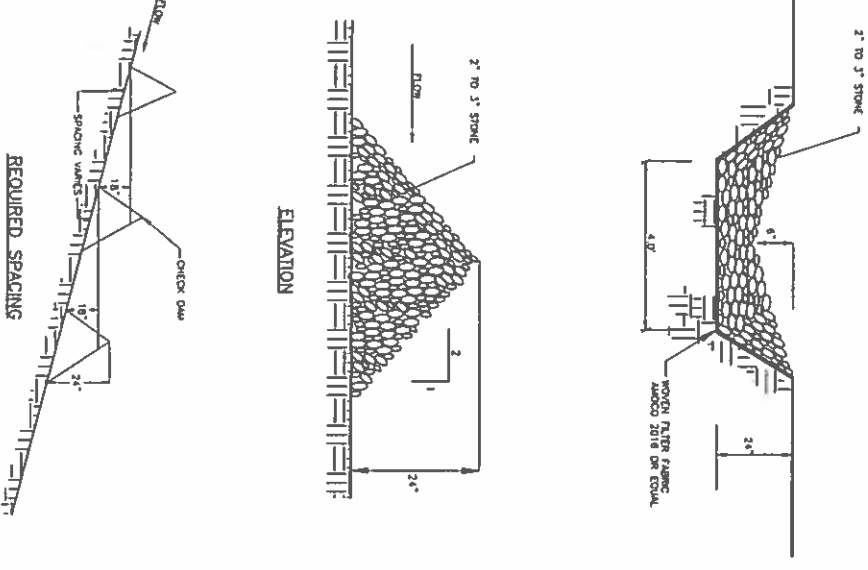
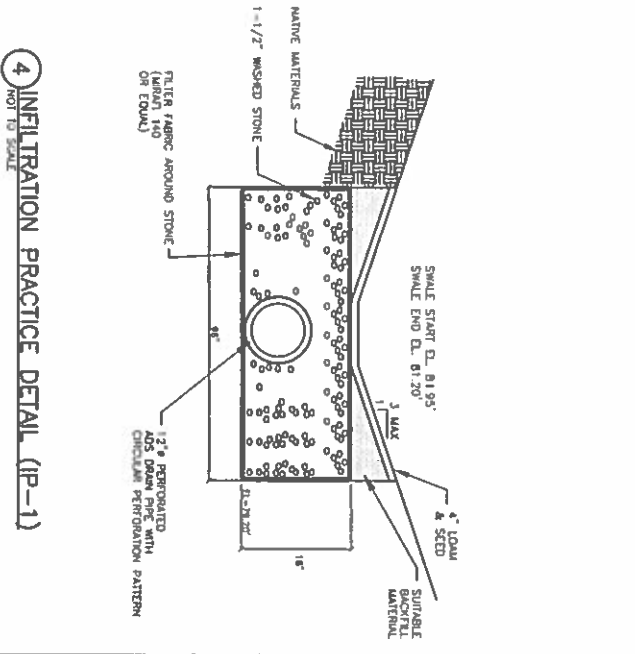
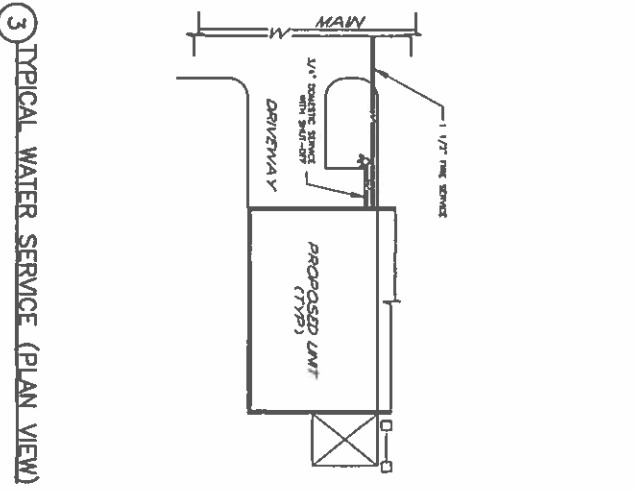
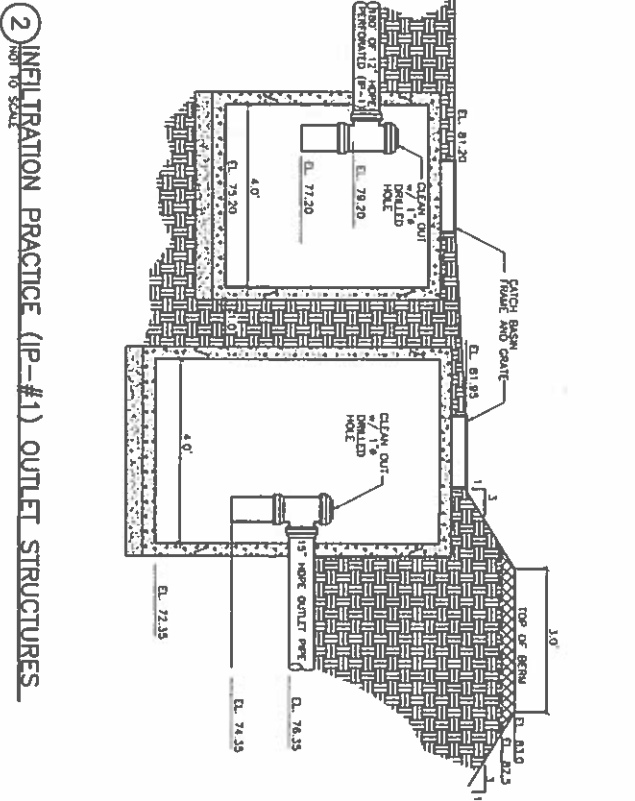
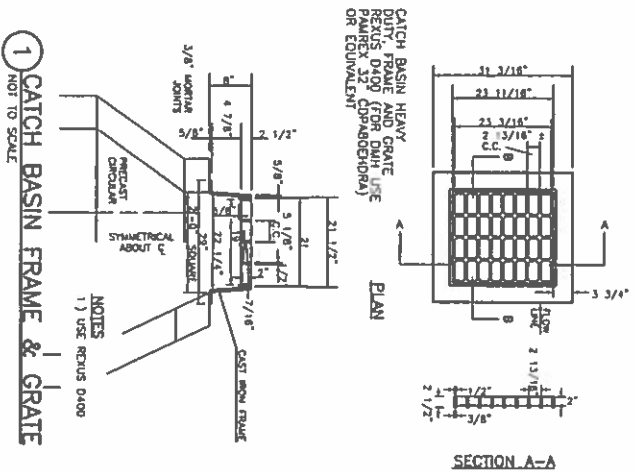


- # CRITICAL AREAS
- Flaming dirt shall be controlled in accordance with ENV-A-1000.
- ## EROSION AND SEDIMENT CONTROL PRACTICES
- Erosion and sediment control practices will be constructed and maintained according to the minimum standards and specifications contained in the New Hampshire Stormwater Manual, Volume 2.
- ### A. Erosion and Sediment Control Measures
1. The erosion control procedures shall conform to Section 64.5 of the "Standard Specifications for Road and Bridge Construction of the NH DOT," and the "New Hampshire Stormwater Manual - Volume 2".
 2. Erosion control practices shall be installed and maintained in accordance with the minimum standards and specifications contained in the New Hampshire Stormwater Manual, Volume 2.
 3. Erosion control practices shall be installed and maintained in accordance with the minimum standards and specifications contained in the New Hampshire Stormwater Manual, Volume 2.
 4. Any disturbed areas which are to be left temporarily and seeded with ryegrass to prevent erosion.
 5. Soil fences and other erosion control measures shall be inspected weekly and after every 0.25" rainfall.
 6. Construction traffic shall use the roadways of future roads and parking areas.
 7. Construction traffic shall use the roadways of future roads and parking areas.
 8. Areas to be filled shall be covered, grubbed, and stripped of topsoil to remove trees, vegetation, roots or other objectionable material. Stumps shall be disposed by grinding or fill in an approved facility.
 9. All fills shall be placed and compacted to reduce erosion, slopeage settlement, subsidence or other damage.
 10. All fills shall be placed and compacted in layers and to exceed 8 inches in thickness.
 11. Frozen material or soil, muddy or highly compressible material shall not be incorporated into fill.
 12. Fill material shall not be placed on a frozen foundation subgrade.
 13. All fills shall be placed and compacted in layers and to exceed 8 inches in thickness.
 14. Limit of exposed area that is temporarily stabilized without permanent stabilization is 5 acres or less.
 15. All areas not stabilized by Nov. 1st must be protected by Erosion Control Blankets or equivalent and mulched/seeded with winter ryegrass.
 16. All disturbed areas must be seeded and mulched within 3 days of final grading, permanently stabilized by Nov. 1st.
 17. All ditches and seeps are to be stabilized prior to entering runoff to these features.
 18. All cut and fill slopes shall be seeded immediately.
 19. An area shall be considered stable if one of the following has been achieved:
 - a) Seeding of 80%.
 - b) Application of mulch.
 - c) A minimum of 3" of non-erosive material such as straw or riprap has been installed.

1. **Temporary Seeding & Hay Mowing**
At no time shall per disturbed area remain unutilized for longer than 30 days. All areas where seed material is not completed within 30 days of the initial disturbance shall receive temporary seeding measures.
Fertilizer shall be spread on the top layer of loam and worked into the surface. Fertilizer application rate shall be 500 pounds per acre of 10-20-20 fertilizer.
Seed shall be Winter Rye, 112 LBS. per acre.
The seed shall be applied immediately after seeding the area. Where feasible, till the soil to a depth of about 3 inches to prepare a seedbed and mix fertilizer into the soil. The seedbed should be left in a firm and smooth condition. The last tillage operation should be performed across the slope if seeding between May 15th and August 15th; hay muck shall be applied immediately after seeding of a rate of 1.5 to 2 tons per acre and shall be laid in place using appropriate techniques from the Erosion and Sediment Control Handbook.
2. The surface shall be wetted and kept moist with a fine spray as required without washing away the seed. Areas which are not satisfactorily covered with grass shall be reseeded, and all noxious weeds or removed.
3. **Permanent Seeding & Hay Mulching**
All disturbed areas shall be seeded between May 15th and August 15th and lined. Lime shall be thoroughly incorporated into the loam layer at a rate of 2 tons per acre.
Fertilizer shall be spread on the top layer of loam and worked into their surface. Fertilizer application rate shall be 500 pounds per acre of 10-20-20 fertilizer.
Seed shall be 40 lbs. per acre, 525 mixture 3:100 lbs. tall fescue, 20 lbs. creeping red fescue and 10 lbs. timothy.
One half the seed shall be sown in one direction and the other half at right angles to the original direction. It shall be lightly mixed in to the soil to a depth not over 1 1/4 inch rolled with hand roller weighing not over 1000 pounds per linear foot to depth.
Hay much shall be applied immediately after seeding at a rate of 1.5 to 2 tons per acre and shall be laid in place using appropriate techniques from the Erosion and Sediment Control Handbook.
4. The surface shall be wetted and kept moist with a fine spray as required without washing away the seed. Areas which are not satisfactorily covered with grass shall be reseeded, and all noxious weeds removed.

1. Local rules and Federal permits have been applied for and received.
 2. Initial site inspection has been completed and a permit has been issued.
 3. The site has been cleared of all vegetation and permit statement confirmed.
 4. Cul and remove trees, shrubs, saplings, brush, vines and other debris as required for stormwater infiltration.
 5. Core shall be taken to preserve the infiltration capacity of the infiltrating soil. See the New Hampshire Stormwater Management Handbook for additional information.
 6. Infiltration shall be measured at the end of the stormwater infiltration practice #1. Do not direct runoff to the infiltration practice #1.
 7. Cut and remove trees, shrubs, saplings, brush, vines and other debris and rubbish as required for remaining site.
 8. Remove debris and rubbish from site.
 9. Cut and remove trees, shrubs, saplings, brush, vines and other debris and rubbish as required for remaining site.
 10. A stormwater management plan shall be developed and approved by the local authority.
 11. Location disturbed areas as necessary.
- MAINTENANCE**
- During the period of construction and/or until long term vegetation is established, the following maintenance shall be performed:
1. The site shall be maintained in a manner that allows vegetation establishment.
 2. The side slopes will be checked after each significant rainfall.
 3. The side slopes will be checked weekly and reported when necessary until adequate vegetation is established.
 4. The soil forces batters will be checked regularly. Necessary repairs will be made to correct undermining or deterioration of the structure.

- ### WINTER CONSTRUCTION NOTES
1. All prepared vegetated areas will not exhibit a minimum of 65% vegetation growth by October 15th or when no disturbed area 15th shall be inhibited by seeding and existing erosion control blankets and mulch. The installation of erosion control blankets or mulch over existing spoil not occur over consolidated snow or on frozen ground and shall be completed in accordance with the following:
 2. At times or areas which do not exhibit a minimum of 65% vegetation growth by October 15th, grasses are distributed after October 15th, and be stable and temporary with alone or erosion control blankets appropriate for the design flow conditions.
 3. After November 15th, November and prior planting seasons, where work has stopped for the entire season, shall be protected with a minimum of 3 inches of crushed gravel per MDDOT item 30-3.3.

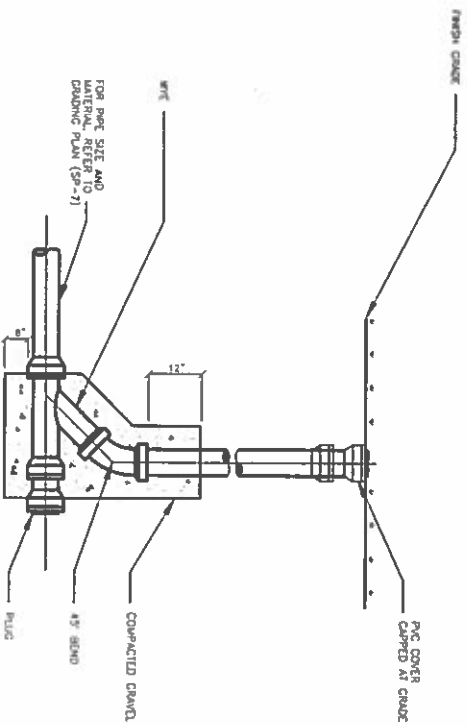
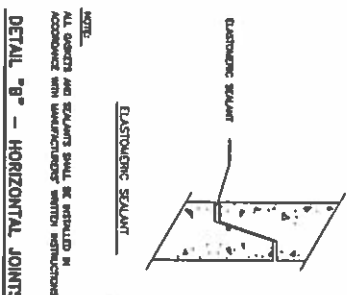
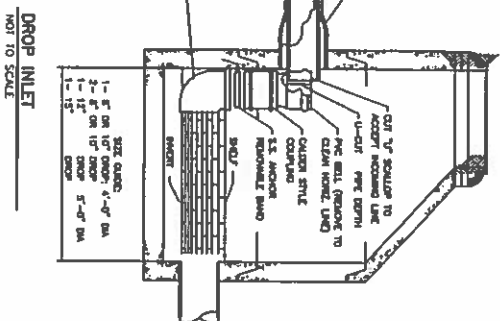


9 STONE CHECK DAM
NOT TO SCALE

10 LANE RECONSTRUCTION DETAIL
NOT TO SCALE

11 EROSION CONTROL BLANKET
NOT TO SCALE

12 DEEP SUMP HOODED CATCH BASIN
NOT TO SCALE

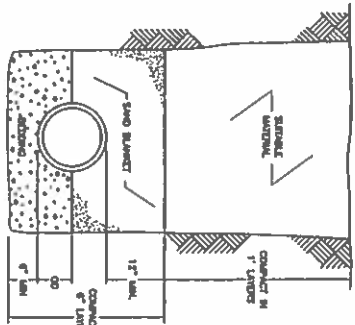


INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCES

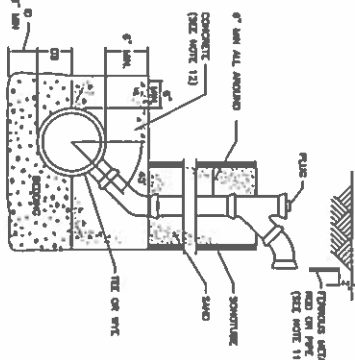
REVISIONS	
DATE:	DESCRIPTION:
01-13-15	T.R.G. REVISIONS
02-16-15	T.R.G. #2 REVISIONS

765 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03820

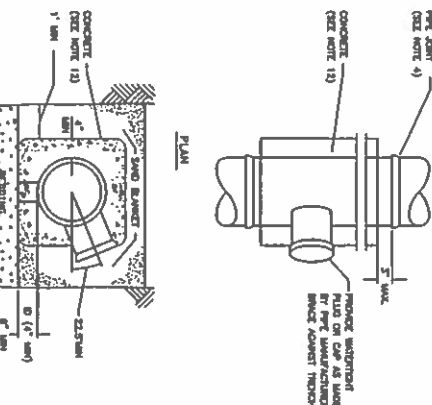
TELEPHONE 603 742 8107
FAX 603 742 3830



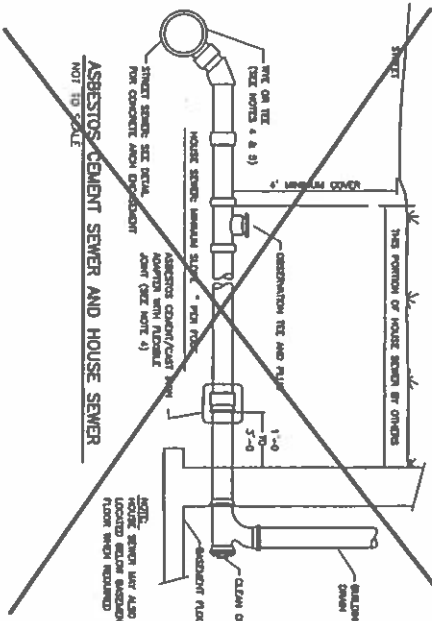
TRENCH CROSS-SECTION
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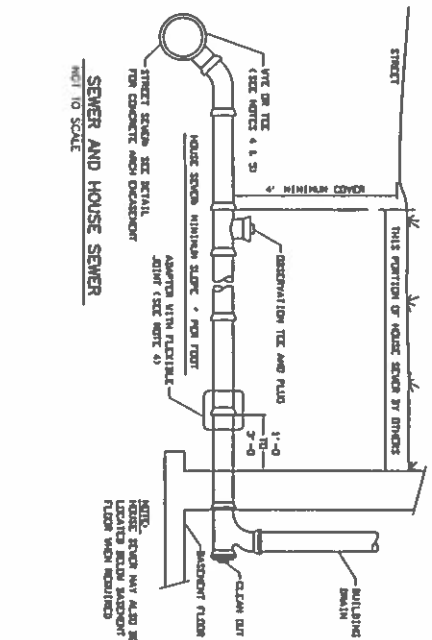
CHIMNEY (SEE NOTE 13)
NOT TO SCALE



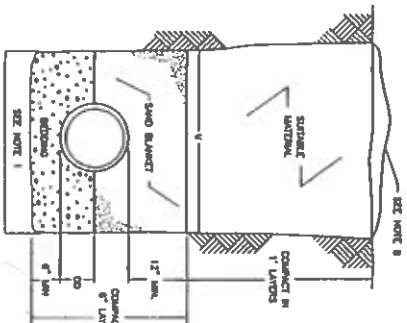
CONCRETE FULL ENCASEMENT
NOT TO SCALE



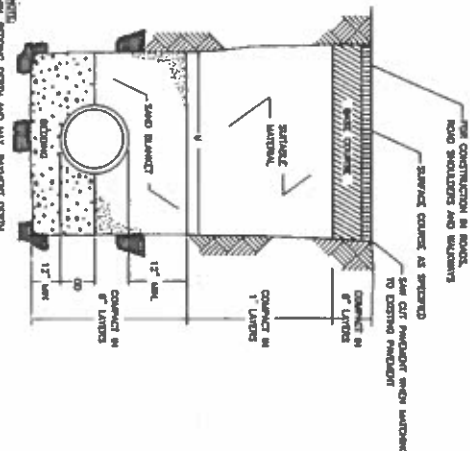
SEWER AND HOUSE SEWER
NOT TO SCALE



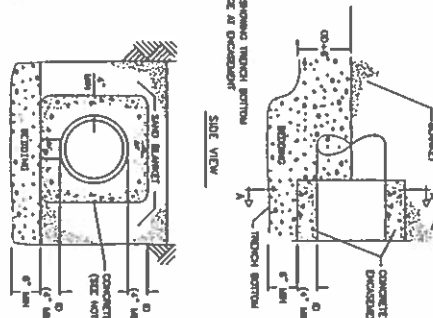
SEWER AND HOUSE SEWER
NOT TO SCALE



TYPICAL SECTION
NOT TO SCALE



LEDGE CONSTRUCTION
NOT TO SCALE



CONCRETE FULL ENCASEMENT
NOT TO SCALE

GENERAL NOTES

1) MINIMUM SIZE PIPE FOR HOUSE SERVICE SHALL BE FOUR INCHES.

2) PIPE AND JOINT MATERIALS:

A. PLASTIC SEWER PIPE

1. PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING ASTM STANDARDS:

ASTM	GENERIC PIPE	SIZES
STANDARDS	MATERIAL	
D3034	*PVC (SOLID WALL)	6" THROUGH 15" (SOL 35)
F793	PVC (SOLID WALL)	18" THROUGH 27" (T-1 & T-2)
F798	PVC (SOLID WALL)	4" THROUGH 18" (T-1 TO T-3)
F794	*PVC (COMPOSITE WALL)	6" THROUGH 15"
D2680	*PVC (COMPOSITE WALL)	6" THROUGH 15"

*PVC POLY VINYL CHLORIDE

*ABS ACRYLONITRILE-BUTADIENE-STYRENE

2. JOINTS SHALL BE OF THE MECHANICAL OR PUSH-ON TYPE. JOINTS AND GASKETS SHALL CONFORM TO:

A21.11 RUBBER GASKETS JOINTS FOR CAST IRON PRESSURE PIPE & FITTINGS

3. DAMAGED PIPE SHALL BE REJECTED AND REMOVED FROM THE JOB SITE.

4. JOINTS SHALL BE CONFORMANT WITH A MECHANICAL OR PUSH-ON TYPE. JOINTS AND GASKETS SHALL CONFORM TO:

A21.50 THICKNESS DESIGN OF DUCTILE IRON PIPE AND WITH ASTM A-536

A21.51 DUCTILE IRON PIPE, CONTINUOUSLY CAST IN UTILITY HOLES OR SAND-LINED HOLES FOR WATER OR OTHER LIQUIDS.

5. JOINTS SHALL BE OF THE MECHANICAL OR PUSH-ON TYPE. JOINTS AND GASKETS SHALL CONFORM TO:

A21.11 RUBBER GASKETS JOINTS FOR CAST IRON PRESSURE PIPE & FITTINGS

6) HOUSE SEWER INSTALLATION: THE PIPE SHALL BE HUNG, PLACED AND JOINTED IN ACCORDANCE WITH INSTALLATION GUIDES OF THE APPROPRIATE MANUFACTURER. IT SHALL BE CAREFULLY BEDDED ON A 4 INCH LAYER OF CRUSHED STONE AND/OR GRAVEL, AS SPECIFIED IN NOTE 10. BEDDING AND RE-FILL FOR DEPTH OF 12 INCHES ABOVE THE TOP OF THE PIPE SHALL BE CAREFULLY AND THOROUGHLY TAMPED BY HAND OR WITH APPROPRIATE MECHANICAL DEVICES.

7) TESTS AND WITNESSES: WHERE A TEST OR WITNESS IS NOT AVAILABLE IN THE EXISTING STREET SEWER, AN APPROPRIATE CONNECTION SHALL BE MADE, FOLLOWING MANUFACTURER'S INSTRUCTIONS USING A BOLTED, CLAMPED OR EPOXY-CEMENTED SLOPE TAPPED INTO A SMOOTHLY DRILLED OR SAWN OPENING IN THE SEWER. THE PRACTICE OF BREAKING AN OPENING WITH A STEEL HAMMER, STUFFING CLOTH OR OTHER SUCH MATERIAL, AROUND THE JOINT, OR APPLYING MATERIAL TO HOLD THE CONNECTION, AND ANY OTHER SIMILAR CRUDE PRACTICES OR REPAIR OR HASTY IMPROVEMENTS WILL NOT BE PERMITTED. THE CONNECTION SHALL BE OF CONCRETE ENCASED AS SHOWN IN THE DETAIL, UP TO AND INCLUDING 15" DIAMETER.

8) HOUSE SEWER INSTALLATION: THE PIPE SHALL BE HUNG, PLACED AND JOINTED IN ACCORDANCE WITH INSTALLATION GUIDES OF THE APPROPRIATE MANUFACTURER. IT SHALL BE CAREFULLY BEDDED ON A 4 INCH LAYER OF CRUSHED STONE AND/OR GRAVEL, AS SPECIFIED IN NOTE 10. BEDDING AND RE-FILL FOR DEPTH OF 12 INCHES ABOVE THE TOP OF THE PIPE SHALL BE CAREFULLY AND THOROUGHLY TAMPED BY HAND OR WITH APPROPRIATE MECHANICAL DEVICES.

THE PIPE SHALL BE Laid AT A CONTINUOUS AND CONSTANT GRADE FROM THE STREET SEWER CONNECTION TO THE FOUNDATION AT A GRADE OF NOT LESS THAN INCH PER FOOT. PIPE JOINTS MUST BE MADE UNDER DRY CONDITIONS. IF WATER IS PRESENT, ALL NECESSARY STEPS SHALL BE TAKEN TO DRY THE TRENCH.

GENERAL NOTES

1) ORDERED EXCAVATION OF UNSUITABLE MATERIAL BELOW GRADE. RE-FILL WITH BEDDING MATERIAL FOR TRENCH WIDTH SEE NOTE 7.

2) BEDDING: SCREENED GRAVEL AND/OR CRUSHED STONE FREE FROM CLAY, LOAM, ORGANIC MATTER AND MEETING ASTM C33 STONE SIZE NO. 67

100% PASSING 1 INCH SCREEN

90%-100% PASSING 3/4 INCH SCREEN

20%-55% PASSING 3/8 INCH SCREEN

0%-10% PASSING #4 SIEVE

0%-5% PASSING #8 SIEVE

WHERE ORDERED BY THE ENGINEER TO STABILIZE THE TRENCH BASE, GRADED SCREENED GRAVEL OR CRUSHED STONE 1/2 INCH TO 1 1/2 INCH SHALL BE USED.

3) SAND BLANKET: CLEAN SAND FREE FROM ORGANIC MATTER SO GRADED THAT 90%-100% PASSES A 1/2 INCH SIEVE AND NOT MORE THAN 1% WILL PASS A #20 SIEVE. BLANKET MAY BE LIMITED FOR DUCTILE IRON AND REINFORCED CONCRETE PIPE PROVIDED THAT NO STONE LARGER THAN 2 INCHES IS IN CONTACT WITH THE PIPE.

4) SUITABLE MATERIAL: IN ROADS, ROAD SHOULDERS, WALK-WAYS AND TRAVELED WAYS, SUITABLE MATERIAL FOR TRENCH BACKFILL SHALL BE THE NATURAL MATERIAL EXCAVATED DURING THE COURSE OF CONSTRUCTION, BUT SHALL EXCLUDE DEBRIS, PIECES OF WASTE, ORGANIC MATTER, TOP SOIL, ALL WET OR SOFT WICK, PEAT OR CLAY, ALL EXCAVATED LEAD, MATERIAL, AND ALL ROCKS OVER SIX INCHES IN LARGEST DIMENSION, OR ANY MATERIAL, WHICH, AS DETERMINED BY THE ENGINEER, WILL NOT BE SUITABLE FOR BACKFILL OR MAINTAIN THE COMPLETED CONSTRUCTION IN A STABLE CONDITION.

IN CROSS-COUNTRY CONSTRUCTION, SUITABLE MATERIAL SHALL BE AS DESCRIBED ABOVE, EXCEPT THAT THE ENGINEER MAY PERMIT THE USE OF TOP SOIL, LOAM, WICK OR PEAT, IF HE IS SATISFIED THAT THE COMPLETED CONSTRUCTION WILL BE ENTIRELY STABLE AND PROVIDED THAT EASY ACCESS TO THE SEWER FOR MAINTENANCE AND POSSIBLY RECONSTRUCTION, WHEN NECESSARY WILL BE PRESERVED.

5) BASE COURSE: IF ORDERED BY THE ENGINEER, SHALL MEET THE REQUIREMENTS OF DIVISION 500 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION.

7) TESTING: THE COMPLETED HOUSE SEWER SHALL BE SUBJECTED TO A LEAKAGE TEST IN ANY OF THE FOLLOWING MANNERS: (PRIOR TO BACKFILLING)

A. AN OBSERVATION TEST SHALL BE INSTALLED AS FOLLOWS AND WHEN READY FOR TESTING, AN INFLATABLE BAGGER OR PLUG SHALL BE INSERTED JUST UPSTREAM FROM THE OPENING IN THE TEE. AFTER INFLATION, WATER SHALL BE INTRODUCED INTO THE SYSTEM ABOVE THE PLUG TO A HEIGHT OF 3 FEET ABOVE THE LEVEL OF THE PLUG.

B. THE PIPE SHALL BE LEFT EXPOSED AND LIBERALLY HOSED WITH WATER, TO SATURATE, AS NEARLY AS POSSIBLE, WET TRENCH CONDITIONS OR, IF TRENCH IS WET, THE GROUND WATER SHALL BE PERMITTED TO RISE IN THE TRENCH OVER THE PIPE. INSPECTIONS FOR LEAKS SHALL BE MADE THROUGH THE CLEAVOUT WITH A FLASHLIGHT.

C. DRY FLUORESCENCE DYE SHALL BE SPRINKLED INTO THE TRENCH OVER THE PIPE. IF THE TRENCH IS WET, GROUND WATER SHALL BE PERMITTED TO RISE IN THE TRENCH OVER THE PIPE. INSPECTIONS FOR LEAKS SHALL BE MADE IN THE FIRST DOWN-STRAIN MANHOLE.

LEAKAGE OBSERVED IN ANY ONE OF THE ABOVE ALTERNATE TESTS SHALL BE CAUSE FOR NON-ACCEPTANCE AND THE PIPE SHALL BE DUG-UP IF NECESSARY AND RE-LAID SO AS TO ASSURE WATER TIGHTNESS.

8) LATERAL CONNECTIONS: NOTHING BUT SANITARY WASTE FLOW FROM HOUSE TOILETS, SINKS, LAUNDRY ETC. SHALL BE PERMITTED. ROOF LEADERS, FOOTING DRAINS, SUMP PUMPS OR OTHER SIMILAR CONNECTIONS CARRYING RAIN WATER, DRAINAGE OR GROUND WATER SHALL NOT BE PERMITTED.

9) HOUSE WATER SERVICE SHALL NOT BE Laid IN SAME TRENCH AS SEWER SERVICE.

10) BEDDING: SCREENED GRAVEL AND/OR CRUSHED STONE FREE FROM CLAY, LOAM, ORGANIC MATERIAL AND MEETING ASTM C33-67

100% PASSING 1 INCH SCREEN
90%-100% PASSING 3/4 INCH SCREEN
20%-55% PASSING 3/8 INCH SCREEN
0%-10% PASSING #4 SIEVE
0%-5% PASSING #8 SIEVE

WHERE ORDERED BY THE ENGINEER TO STABILIZE THE TRENCH BASE, GRADED GRAVEL OR CRUSHED STONE 1/2 INCH TO 1 1/2 INCH SHALL BE USED.

11) LOCATION: THE LOCATION OF THE TEE OR WYE SHALL BE RECORDED AND FILED IN THE MUNICIPAL RECORDS. IN ADDITION, A FERRISS WELP ROD OR PIPE SHALL BE PLACED OVER THE TEE OR WYE AS DESCRIBED IN THE TYPICAL "CHIMNEY" DETAIL, TO Aid IN LOCATING THE BURIED PIPE WITH A DR. NEEDLE OR PRELIMINARY.

12) CONCRETE: CONCRETE SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A (5000 PSI) CONCRETE OF THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS AS FOLLOWS:

CEMENT: 6.0 BAGS PER CUBIC YARD
WATER: 5.75 GALLONS PER BAG CEMENT
MAXIMUM SIZE OF AGGREGATE: 1 INCH

13) CHIMNEYS: IF VERTICAL DROP INTO SEWER IS GREATER THAN 4 FEET, A CHIMNEY SHALL BE CONSTRUCTED FOR THE HOUSE CONNECTION. CHIMNEY INSTALLATION AS RECOMMENDED BY THE PIPE MANUFACTURER MAY BE USED IF APPROVED BY THE ENGINEER.

14) MAINTAIN A 10" HORIZONTAL SEPARATION BETWEEN SEWER LINES AND WATER LINES, AND AN 18" VERTICAL SEPARATION AT SEWER AND WATER CROSSINGS, WITH WATER OVER SEWER.

6) WOOD SHEETING, IF REQUIRED, WHERE SHEETING IS PLACED ALONGSIDE THE PIPE AND EXTENDS BELOW MID-DIAMETER, IT SHALL BE CUT OFF AND LEFT IN PLACE TO AN ELEVATION NOT LESS THAN 1 FOOT ABOVE THE TOP OF THE PIPE, WHERE SHEETING IS ORDERED BY THE ENGINEER TO BE LEFT IN PLACE, IT SHALL BE CUT OFF AT LEAST 3 FEET BELOW FINISHED GRADE, BUT NOT LESS THAN 1 FOOT ABOVE THE TOP OF THE PIPE.

7) W- MAXIMUM ALLOWABLE TRENCH WIDTH TO A PLANE 12 INCHES ABOVE THE PIPE FOR PIPES 15 INCHES NOMINAL DIAMETER OR LESS, SHALL BE 30 INCHES AND 36 INCHES PER FEET GROUND DIAMETER OR LESS. DIAMETER SHALL BE 24 INCHES PLUS PER 0.10 INCH SHALL ALSO BE THE MINIMUM WIDTH FOR LEDGE EXCAVATION AND FOR ORDERED EXCAVATION BELOW GRADE.

8) FOR CROSS COUNTRY CONSTRUCTION, BACKFILL OR FILL SHALL BE BOUNDED TO A HEIGHT OF 6 INCHES ABOVE THE ORIGINAL GROUND SURFACE.

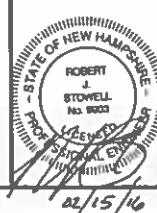
9) CONCRETE FOR ENCASEMENT SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A (5000 LB) CONCRETE OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AS FOLLOWS: CEMENT: 6.0 BAGS PER CUBIC YARD
WATER: 5.75 GALLONS PER BAG CEMENT
MAXIMUM SIZE OF AGGREGATE: 1 INCH

10) IF FULL ENCASEMENT IS UTILIZED, DEPTH OF CONCRETE BELOW PIPE SHALL BE 1/4 TO 1/2 (4" MIN) BLOCK SUPPORT SHALL BE SOLID CONCRETE BLOCKS.

TRITECH ENGINEERING CORPORATION

765 CENTRAL AVENUE
DOVER NEW HAMPSHIRE 03820
TELEPHONE 603 748 8107
FAX 603 748 8600

REVISIONS	DATE:	DESCRIPTION:
01-13-15	T.B.G. REVISIONS	
02-16-15	TRG #2 REVISIONS	

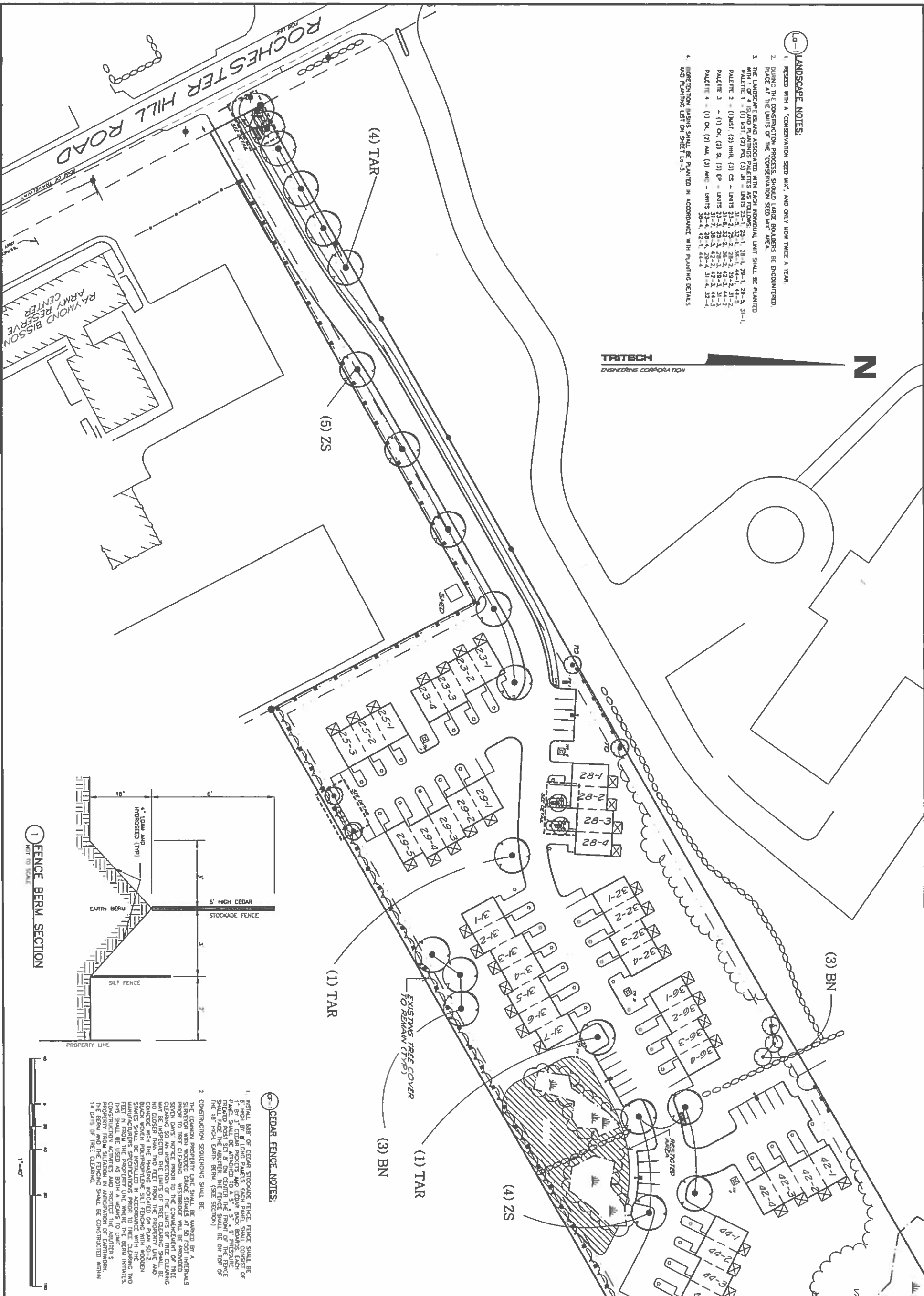


STANDARD SEWER DETAILS
INDIAN RIDGE
66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE
DECEMBER 9, 2014
JOB No. 14110

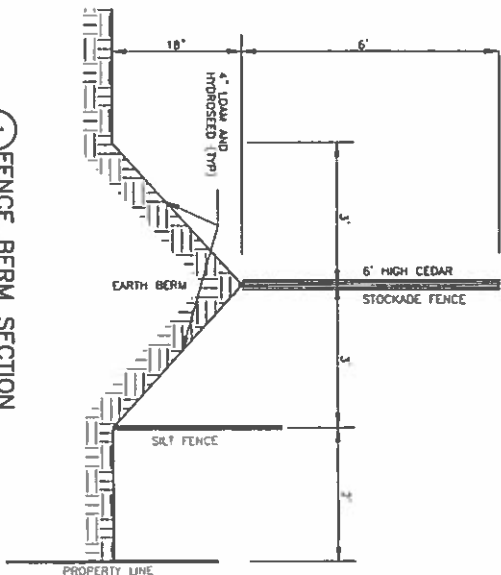
SHEET No.
C-6

1. REEDED WITH A CONSERVATION SEED MIX, AND ONLY HOW THICE A YEAR.
2. DURING THE CONSTRUCTION PROCESS, SHOULD LARGE Boulders BE DISCOUNTED FROM THE LIMITS OF THE CONSERVATION SEED MIX AREA.
3. THE LANDSCAPE ISLAND ASSOCIATED WITH EACH INDIVIDUAL UNIT SHALL BE PLANTED WITH 4 (FOUR) ISLAND PLANTING PALETTES AS FOLLOWS:
 PALETTE 1 - (1) BERT (2) GY - UNITS 31-1, 32-1, 33-1, 34-1, 35-1, 36-1, 37-1, 38-1, 39-1, 40-1, 41-1, 42-1, 43-1, 44-1, 45-1, 46-1, 47-1, 48-1, 49-1, 50-1, 51-1, 52-1, 53-1, 54-1, 55-1, 56-1, 57-1, 58-1, 59-1, 60-1, 61-1, 62-1, 63-1, 64-1, 65-1, 66-1, 67-1, 68-1, 69-1, 70-1, 71-1, 72-1, 73-1, 74-1, 75-1, 76-1, 77-1, 78-1, 79-1, 80-1, 81-1, 82-1, 83-1, 84-1, 85-1, 86-1, 87-1, 88-1, 89-1, 90-1, 91-1, 92-1, 93-1, 94-1, 95-1, 96-1, 97-1, 98-1, 99-1, 100-1, 101-1, 102-1, 103-1, 104-1, 105-1, 106-1, 107-1, 108-1, 109-1, 110-1, 111-1, 112-1, 113-1, 114-1, 115-1, 116-1, 117-1, 118-1, 119-1, 120-1, 121-1, 122-1, 123-1, 124-1, 125-1, 126-1, 127-1, 128-1, 129-1, 130-1, 131-1, 132-1, 133-1, 134-1, 135-1, 136-1, 137-1, 138-1, 139-1, 140-1, 141-1, 142-1, 143-1, 144-1, 145-1, 146-1, 147-1, 148-1, 149-1, 150-1, 151-1, 152-1, 153-1, 154-1, 155-1, 156-1, 157-1, 158-1, 159-1, 160-1, 161-1, 162-1, 163-1, 164-1, 165-1, 166-1, 167-1, 168-1, 169-1, 170-1, 171-1, 172-1, 173-1, 174-1, 175-1, 176-1, 177-1, 178-1, 179-1, 180-1, 181-1, 182-1, 183-1, 184-1, 185-1, 186-1, 187-1, 188-1, 189-1, 190-1, 191-1, 192-1, 193-1, 194-1, 195-1, 196-1, 197-1, 198-1, 199-1, 200-1, 201-1, 202-1, 203-1, 204-1, 205-1, 206-1, 207-1, 208-1, 209-1, 210-1, 211-1, 212-1, 213-1, 214-1, 215-1, 216-1, 217-1, 218-1, 219-1, 220-1, 221-1, 222-1, 223-1, 224-1, 225-1, 226-1, 227-1, 228-1, 229-1, 230-1, 231-1, 232-1, 233-1, 234-1, 235-1, 236-1, 237-1, 238-1, 239-1, 240-1, 241-1, 242-1, 243-1, 244-1, 245-1, 246-1, 247-1, 248-1, 249-1, 250-1, 251-1, 252-1, 253-1, 254-1, 255-1, 256-1, 257-1, 258-1, 259-1, 260-1, 261-1, 262-1, 263-1, 264-1, 265-1, 266-1, 267-1, 268-1, 269-1, 270-1, 271-1, 272-1, 273-1, 274-1, 275-1, 276-1, 277-1, 278-1, 279-1, 280-1, 281-1, 282-1, 283-1, 284-1, 285-1, 286-1, 287-1, 288-1, 289-1, 290-1, 291-1, 292-1, 293-1, 294-1, 295-1, 296-1, 297-1, 298-1, 299-1, 300-1, 301-1, 302-1, 303-1, 304-1, 305-1, 306-1, 307-1, 308-1, 309-1, 310-1, 311-1, 312-1, 313-1, 314-1, 315-1, 316-1, 317-1, 318-1, 319-1, 320-1, 321-1, 322-1, 323-1, 324-1, 325-1, 326-1, 327-1, 328-1, 329-1, 330-1, 331-1, 332-1, 333-1, 334-1, 335-1, 336-1, 337-1, 338-1, 339-1, 340-1, 341-1, 342-1, 343-1, 344-1, 345-1, 346-1, 347-1, 348-1, 349-1, 350-1, 351-1, 352-1, 353-1, 354-1, 355-1, 356-1, 357-1, 358-1, 359-1, 360-1, 361-1, 362-1, 363-1, 364-1, 365-1, 366-1, 367-1, 368-1, 369-1, 370-1, 371-1, 372-1, 373-1, 374-1, 375-1, 376-1, 377-1, 378-1, 379-1, 380-1, 381-1, 382-1, 383-1, 384-1, 385-1, 386-1, 387-1, 388-1, 389-1, 390-1, 391-1, 392-1, 393-1, 394-1, 395-1, 396-1, 397-1, 398-1, 399-1, 400-1, 401-1, 402-1, 403-1, 404-1, 405-1, 406-1, 407-1, 408-1, 409-1, 410-1, 411-1, 412-1, 413-1, 414-1, 415-1, 416-1, 417-1, 418-1, 419-1, 420-1, 421-1, 422-1, 423-1, 424-1, 425-1, 426-1, 427-1, 428-1, 429-1, 430-1, 431-1, 432-1, 433-1, 434-1, 435-1, 436-1, 437-1, 438-1, 439-1, 440-1, 441-1, 442-1, 443-1, 444-1, 445-1, 446-1, 447-1, 448-1, 449-1, 450-1, 451-1, 452-1, 453-1, 454-1, 455-1, 456-1, 457-1, 458-1, 459-1, 460-1, 461-1, 462-1, 463-1, 464-1, 465-1, 466-1, 467-1, 468-1, 469-1, 470-1, 471-1, 472-1, 473-1, 474-1, 475-1, 476-1, 477-1, 478-1, 479-1, 480-1, 481-1, 482-1, 483-1, 484-1, 485-1, 486-1, 487-1, 488-1, 489-1, 490-1, 491-1, 492-1, 493-1, 494-1, 495-1, 496-1, 497-1, 498-1, 499-1, 500-1, 501-1, 502-1, 503-1, 504-1, 505-1, 506-1, 507-1, 508-1, 509-1, 510-1, 511-1, 512-1, 513-1, 514-1, 515-1, 516-1, 517-1, 518-1, 519-1, 520-1, 521-1, 522-1, 523-1, 524-1, 525-1, 526-1, 527-1, 528-1, 529-1, 530-1, 531-1, 532-1, 533-1, 534-1, 535-1, 536-1, 537-1, 538-1, 539-1, 540-1, 541-1, 542-1, 543-1, 544-1, 545-1, 546-1, 547-1, 548-1, 549-1, 550-1, 551-1, 552-1, 553-1, 554-1, 555-1, 556-1, 557-1, 558-1, 559-1, 560-1, 561-1, 562-1, 563-1, 564-1, 565-1, 566-1, 567-1, 568-1, 569-1, 570-1, 571-1, 572-1, 573-1, 574-1, 575-1, 576-1, 577-1, 578-1, 579-1, 580-1, 581-1, 582-1, 583-1, 584-1, 585-1, 586-1, 587-1, 588-1, 589-1, 590-1, 591-1, 592-1, 593-1, 594-1, 595-1, 596-1, 597-1, 598-1, 599-1, 600-1, 601-1, 602-1, 603-1, 604-1, 605-1, 60

Z



1 FENCE BERM SECTION
NOT TO SCALE



CE-1 CEDAR FENCE NOTES

1. INSTALL BAG OF CEMENT STUCCO OVER FENCE SHALL BE 1/2" THICK. LUMBER END OF FENCE SHALL BE COVERED WITH 1/2" THICK STUCCO. FENCE BOARD GROUND OF PANEL SHALL BE ATTACHED TO A 5/8" x 5/8" PITCHBOLT THROUGH POST. 1/2" ON CENTER THE FRONT OF THE FENCE SHALL BE ATTACHED TO A 5/8" x 5/8" PITCHBOLT ON TOP OF THE 18" NAIL (GAIN BERRY) (SEE SECTION)
2. CONSTRUCTION SCHEDULES LINE SHALL BE
THE COMMON PROPERTY LINE SHALL BE MARKED BY A 1/2" X 4" X 8' LUMBER POST. THE POSTS SHALL BE PLACED PRIOR TO TRAIL CLEANING. WEIGHTED WILL BE PROVIDED EVERY DIRT'S NOTICE PRIOR TO THE COMMENCEMENT OF TRAIL CLEANING. SO AN INSPECTION OF THE LUMBS OF TRAIL CLEANING SHALL BE DONE. THE LUMBS SHALL BE PLACED NO CLOSER THAN TWO FEET FROM THE PROPERTY LINE AND COINCIDE WITH THE PHASING INDICATED ON PLAYS SO 2 BLACK WORKER DO NOT HAVE A SCHEDULED ON PLAY SO 2 MAINTAINERS SPECIFICATIONS PRIOR TO TRAIL CLEANING TWO FEET IN FROM THE COMMON PROPERTY LINE WHERE THE BERRY MARKETS. THIS SHALL BE USED AS BOTH A MEANS TO LIMIT THE PROPERTY FROM SITUATION IN ANTIPODATION OF EARTHWORKS, THE BERRY AND THE FENCING SHALL BE CONSTRUCTED WITHIN 14 DAYS OF TRAIL CLEANING.

SHEET No.

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LANDSCAPE PLAN
INDIAN RIDGE

66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE

DECEMBER 9, 2014

JOB No. 14110

SCALE: 1" = 40'



REVISIONS

DATE: DESCRIPTION:

01-13-15	ADDED TO PLAN SET
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02-16-15	TRG #2 REVISIONS
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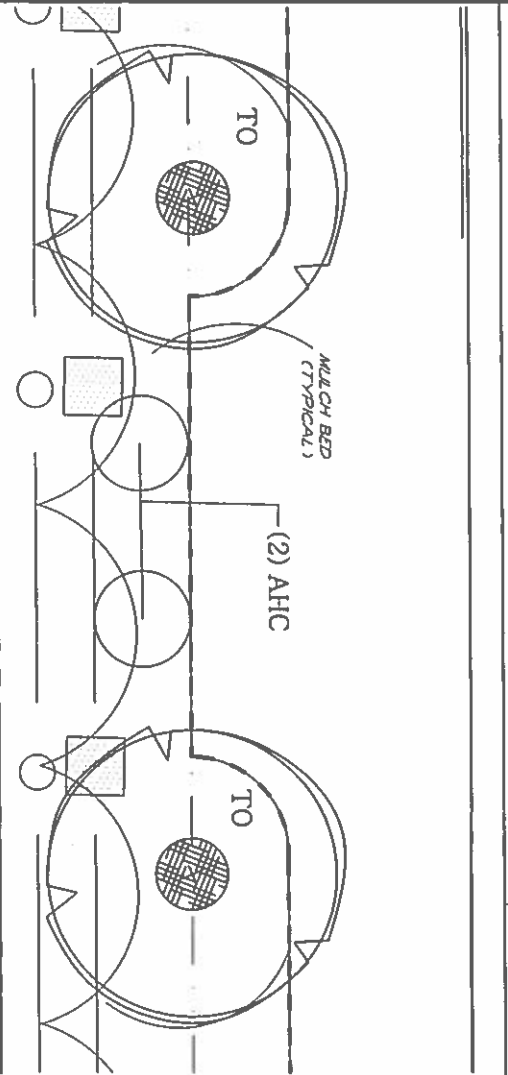
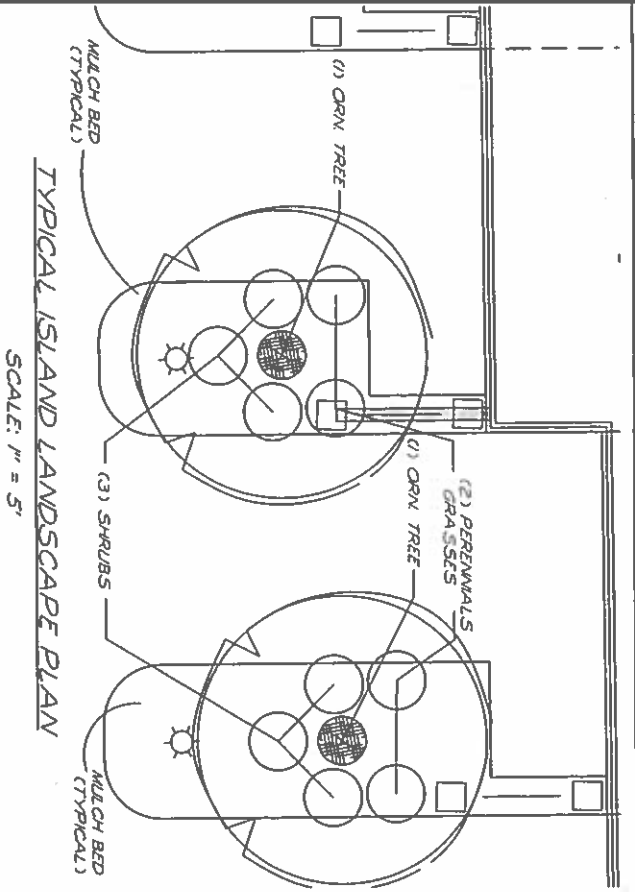
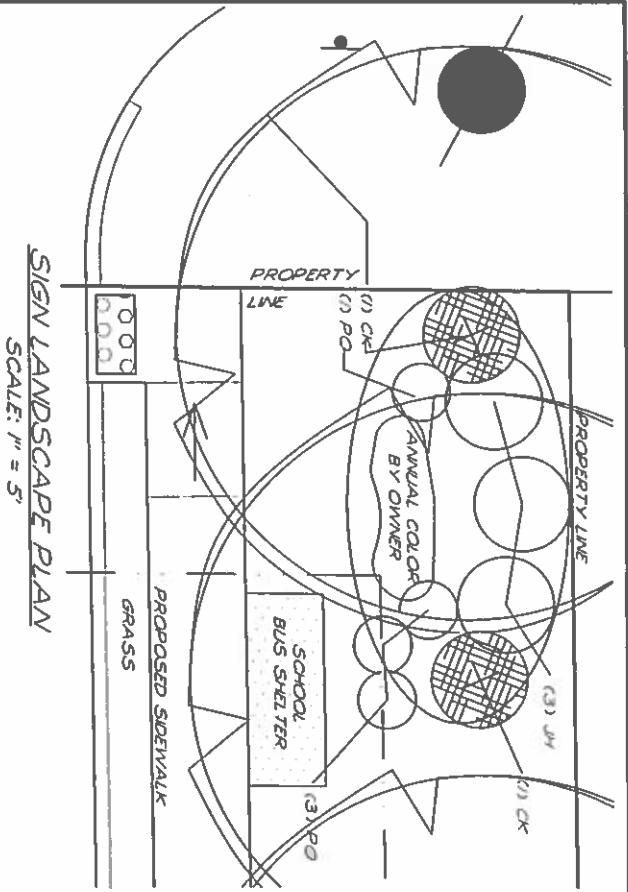
12-24-15	ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL
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TELEPHONE 803 742 8107
FAX 803 742 3830

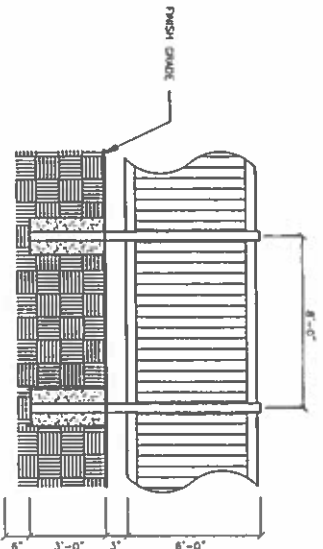


PLANT LIST

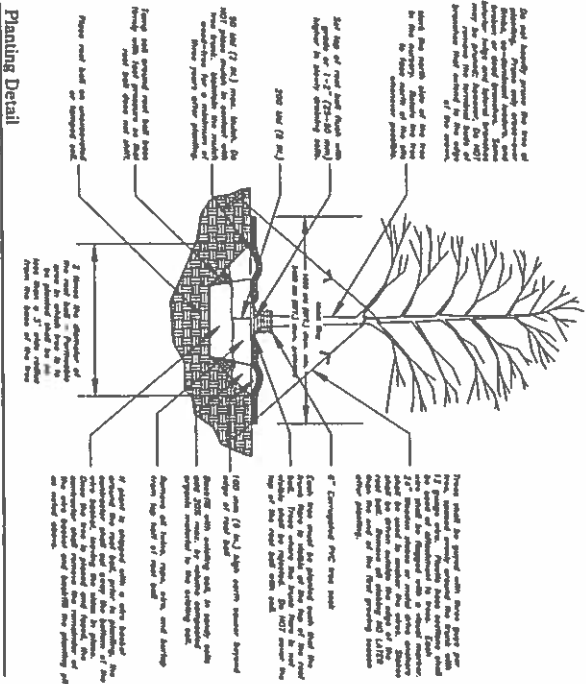
KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE
TO	TELLA OCCIDENTALIS 'NIGRA'	DAIRY AMERICAN ABOCYNTH	8	8" HT
CR	CORNUS ROSEA 'HEART MOON'	HEART MOON ROSEA DOGWOOD	2	2 - 2 FT CAL
PO	POINSETTIA ORIENTAL 'WAXLEY ROSE'	POINSETTIA ROSEA	4	2 GALLON
TA	TELLA AMERICANA 'REDWOOD'	REDWOOD LINDEN	6	3 - 3 FT CAL
CS	CESTRUM SPERMATOPHYTES 'VIRIDIS'	GREEN VASE CESTRUM	9	3 - 3 FT CAL
AL	ALAEIA 'WIND-CHIMES'	WIND-CHIMES ALAEIA	8	3 GALLON
UN	UNIBERUS NORONZIVITIS 'PILMOSA COMPACT'	YOUNGSTOWN UNIBER	3	3 GALLON

PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE
AST	ANASTASIA 'SUGARPLUM'	SUGARPLUM ANASTASIA	22	2 - 2 FT CAL
CR	CORNUS ROSEA 'HEART MOON'	HEART MOON ROSEA DOGWOOD	4	2 - 2 FT CAL
PO	POINSETTIA ORIENTAL 'WAXLEY ROSE'	POINSETTIA ROSEA	24	2 GALLON
TA	TELLA AMERICANA 'REDWOOD'	REDWOOD LINDEN	20	1 GALLON
CS	CESTRUM SPERMATOPHYTES 'VIRIDIS'	GREEN VASE CESTRUM	20	3 GALLON
AL	ALAEIA 'WIND-CHIMES'	WIND-CHIMES ALAEIA	20	1 GALLON
UN	UNIBERUS NORONZIVITIS 'PILMOSA COMPACT'	YOUNGSTOWN UNIBER	38	3 GALLON
CS	CORNUS STOLONIFERA 'PILMOSA COMPACT'	ARTIC PINE DOGWOOD	30	1 GALLON
PO	POINSETTIA ORIENTAL 'WAXLEY ROSE'	POINSETTIA ROSEA	30	1 GALLON
AL	ALAEIA 'WIND-CHIMES'	WIND-CHIMES ALAEIA	24	3 GALLON



VINYL STOCKADE FENCE DETAIL



Landscape Notes

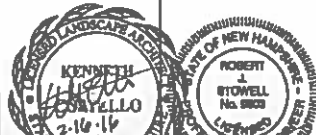
1. Details to be based on drawings and information from Tritech Engineering received (02/09/2011) and any required adjustments due to actual conditions.
2. The contractor shall follow best management practices during construction and shall take all means necessary to protect the environment.
3. Erosion Control shall be in place prior to construction.
4. Between the work and Water Building elements and/or drainage ways prior to any construction.
5. The Contractor shall verify layout and grades and submit the landscape architect or client's representative of any errors or omissions in the construction plans and be protected from damage for the duration of the project by the contractor's representative. Do not fill or work on the work area. Do not disturb trees, shrubs, or plants. All trees shall be protected by a tree protection zone (TPZ) of 10 feet from the trunk. Do not disturb trees, shrubs, or plants. All trees shall be protected by a tree protection zone (TPZ) of 10 feet from the trunk. Do not disturb trees, shrubs, or plants. All trees shall be protected by a tree protection zone (TPZ) of 10 feet from the trunk.
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7. Location, support, protection, and preservation of all existing utilities and appurtenances shall be the responsibility of the Contractor.
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TRITECH
ENGINEERING CORPORATION

785 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03830
TELEPHONE 603 742 8107
FAX 603 742 8130

REVISIONS

DATE	DESCRIPTION
01-13-15	ADDED TO PLAN SET
02-16-15	TRG #2 REVISIONS
12-24-15	AOT & DOT COMMENTS AND CONDITIONS OF APPROVAL



LANDSCAPE PLAN
INDIAN RIDGE
66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE
DECEMBER 9, 2014
JOB No. 14110
SCALE: AS NOTED

SHEET No.
La-2



NOTES:
1. SNOW STORAGE SHALL CONFORM TO THE SNOW STORAGE SCHEDULE AS WELL AS THE CITY OF ROCHESTER SITE PLAN REGULATIONS, SECTION 9 (G) IF THESE CAN NOT BE MET, EASEMENT SHALL BE REMOVED FROM THE SITE

SHEET No.

SN-1

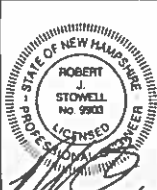
SNOW STORAGE SKETCH
INDIAN RIDGE

66 ROCHESTER HILL ROAD
ROCHESTER, NEW HAMPSHIRE

DECEMBER 9, 2014

JOB No. 14110

SCALE: 1" = 30'



REVISIONS

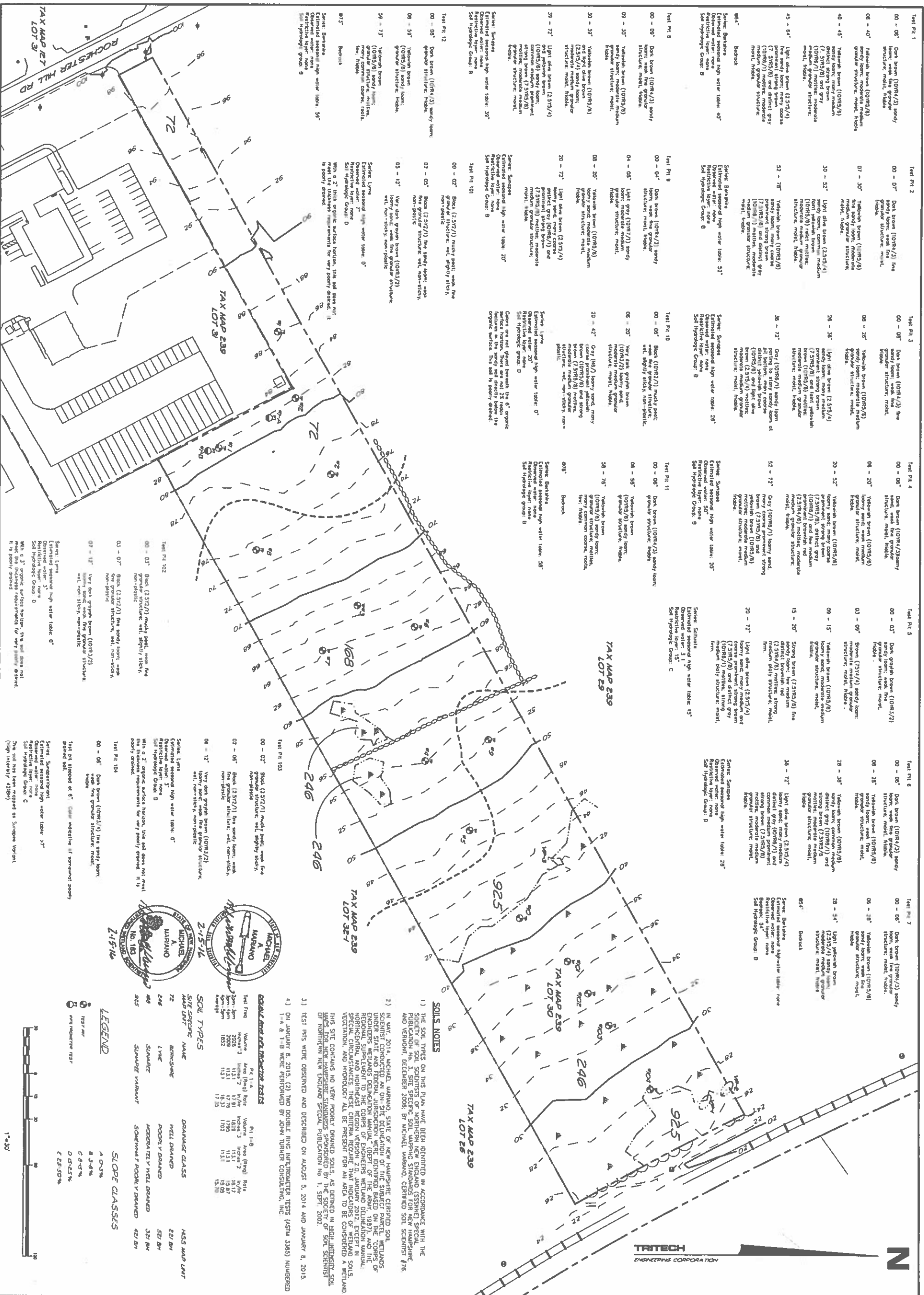
DATE: DESCRIPTION:

01-13-15	ADDED TO PLAN SET
02-16-15	TRG #2 REVISIONS
12-24-15	ADT & DOT COMMENTS AND CONDITIONS OF APPROVAL

TRITECH

ENGINEERING CORPORATION

798 CENTRAL AVENUE
DOVER, NEW HAMPSHIRE 03820
TELEPHONE 603 742 8107
FAX 603 742 3830



SHEET No.

SS-1

SITE SPECIFIC SOILS PLAN

INDIAN RIDGE

66 ROCHESTER HILL ROAD

ROCHESTER, NEW HAMPSHIRE

FEBRUARY 16, 2015

JOB No. 14110

SCALE: 1" = 60'

TRITECH

ENGINEERING CORPORATION

755 CENTRAL AVENUE

DOVER, NEW HAMPSHIRE 03820

TELEPHONE 603 748 6107

FAX 603 748 3630

REVISIONS	DATE	DESCRIPTION
2-16-15	ADDED TO PLAN SET	
3-16-15	ADDED TEST PITS	