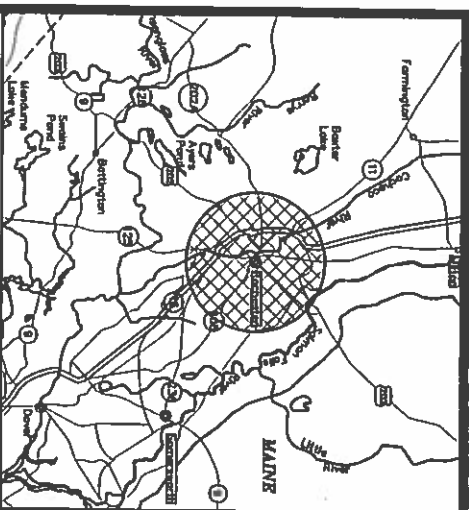
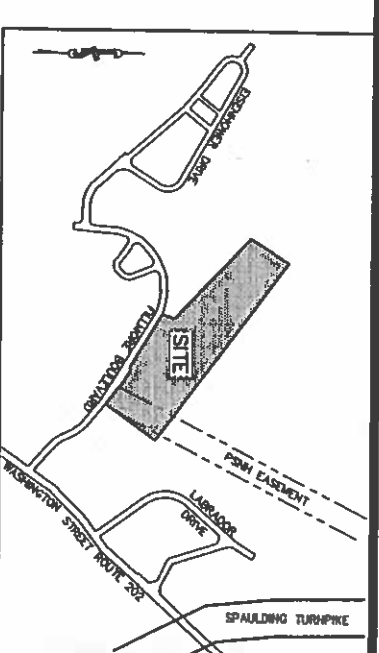




RESIDENTIAL SUBDIVISION & SITE PLAN



THE TOWNHOMES AT HIGHFIELD

COMMONS - PHASE 2C

MAP 237 LOT 8-1

59 FILLMORE BOULEVARD

ROCHESTER, NEW HAMPSHIRE

OWNER/APPLICANT:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NEW HAMPSHIRE 03054

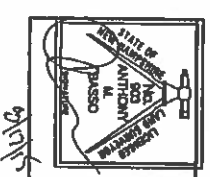
PROJECT MANAGER:
HILLSIDE DESIGN GROUP, LLC
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054
(603) 424-1132

PREPARED BY: (CIVIL ENGINEER)
KEACH-NORDSTROM ASSOCIATES, INC.
10 COMMERCE PARK NORTH, SUITE 3
BEDFORD, NEW HAMPSHIRE 03110
(603) 627-2881

PROJECT SURVEYOR (BOUNDARY & TOPOGRAPHY):
JOSEPH M. WICHERT, L.S., INC.
802 AMHERST STREET
MANCHESTER, NH 03104-5427
(603) 647-4282

PROJECT SURVEYOR (LIMITED TOPOGRAPHY):
KEACH-NORDSTROM ASSOCIATES, INC.
10 COMMERCE PARK NORTH, SUITE 3
BEDFORD, NEW HAMPSHIRE 03110
(603) 627-2881

PROJECT ENVIRONMENTAL CONSULTANT:
STONE RIDGE ENVIRONMENTAL, LLC.
229 PROSPECT MOUNTAIN ROAD
ALTON, NH 03809
(603) 776-0194



KN KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering, Land Surveying, Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

JUNE 16, 2015
LAST REVISED: AUGUST 12, 2015
PROJECT NO. 12-1212-1

SHEET TITLE

SHEET NO.

OVERVIEW SUBDIVISION & SITE PLAN	1
EXISTING CONDITIONS PLAN	2
SUBDIVISION PLAN	3 - 4
TOPOGRAPHIC SUBDIVISION PLAN	5 - 6
RESIDENTIAL SITE LAYOUT PLAN	7
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UTILITY PLAN	10
LANDSCAPE PLAN	11
LIGHTING PLAN	12
ROADWAY & SEWER PROFILE (MONROE DRIVE)	13
DRAINAGE PROFILES	14
CONSTRUCTION DETAILS	15 - 22

1.) REVISED SUBDIVISION PLAN OF HIGHFIELD COMMONS - PHASE 1, OWNED BY 183 WASHINGTON STREET, LLC, TAX MAP 237 LOTS 8 & 9, WASHINGTON STREET (ROUTE 202), HUSSEY HILL ROAD AND BICKFORD ROAD, ROCHESTER, NEW HAMPSHIRE, DATED JUNE 30, 2010, LAST REVISE (2010), PREPARED BY THIS OFFICE. SEE SCD PLANS 100-58 THROUGH 100-64.



1.) THE SUBJECT PARCEL IS LOT 2-1 ON THE CITY OF ROCHESTER TAX MAP 337. THE OWNER OF RECORD IS 183 WASHINGTON STREET LLC DO CHESAPEAKE DEVELOPMENT LLC OF 501 DANIEL WEBSTER HIGHWAY, MERRIMACK, NEW HAMPSHIRE 03056. SEE SCRD V 3743 P. 639.

- 2.) THE SUBJECT PARCEL IS ZONED PLD #2 AS APPROVED BY THE ROCHESTER PLANNING BOARD ON JANUARY 7, 2003 AND AS AMENDED. SEE OVERALL PLD NOTICE OF DECISION FOR DETAILED RECOMMENDATIONS.
- 3.) THIS PLAN IS THE RESULT OF AN ACTUAL FIELD SURVEY PERFORMED BY THIS OFFICE BETWEEN 2000 AND FEBRUARY 2013. JOSEPH H. WICHTER, NELS #783, CERTIFY THAT THE WORK WAS PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION.
- 4.) THE INTENT OF THIS PLAN IS TO SHOW THE BOUNDARY OF THE SUBJECT PARCEL AND THE EXISTING CONDITIONS ON IT.
- 5.) THE COORDINATE SYSTEM AND BEARINGS ARE BASED ON A TIE INTO THE CITY OF ROCHESTER GIS SYSTEM, USING GPS OBSERVATIONS.
- 6.) THE TOPOGRAPHY IS TAKEN FROM AN AERIAL SURVEY PREPARED BY SAMPSON MAP CO., INC. 38 KIRKLAND DRIVE, ROCHESTER, NY. DATE OF PHOTOGRAPHY: MAY 6, 2002, EXCEPT FOR THE PORTIONS OF THE SUBJECT PARCEL FIELD SURVEYED BY THIS OFFICE IN JANUARY AND FEBRUARY OF 2013. SEE PLAN FOR LOCATION OF FIELD SURVEY.

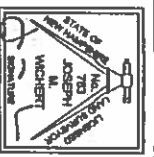
- IRON PIPE FOUND
- BOUND FOUND
- DRILL HOLE
- ⋮ UTILITY POLE
- IRON ROD FOUND
- REBAR W/ CAP TO BE SET
- GRABITE BOUND W/DISK TO BE SET
- CONFEROUS TREE W/ WIRE
- DECIDUOUS TREE W/ WIRE
- STONE WALL
- ABUTTING PROPERTY LINE

I CERTIFY THAT THIS PLAN IS THE RESULT OF AN ACTUAL FIELD SURVEY MADE WITH A TOPCON GPT 310SW. THE ERROR OF CLOSURE ON ALL LOT LINES WITHIN AND BORDERING THE SUBJECT PROPERTY IS BETTER THAN 1 IN 10,000.

I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.

I HEREBY CERTIFY THAT A COPY OF THIS PLAN HAS BEEN
FILED WITH THE ROCHESTER PLANNING BOARD IN
ACCORDANCE WITH RSA 676:180V.

27 JUNE 2013



NO.	DATE	DESCRIPTION	BY
2	5/27/13	REVISE PROJECT NAME	SMK
1	3/28/13	UPDATE DETAIL	SMK

COPYRIGHT 2013 JOSEPH M. WICKERT, L.L.C.

EXISTING CONDITIONS PLAN FOR

"HIGHFIELD PLACE"

OWNED BY 183 WASHINGTON STREET, LLC

TAX MAP 237 LOTS 8-1

59 FILLMORE BOULEVARD

ROCHESTER, NEW HAMPSHIRE

DATE: FEBRUARY 22, 2011

SCALE 1' = 20'

MANCHESTER, NH 03104

TEL: (803) 847-4282 OR 736-8203

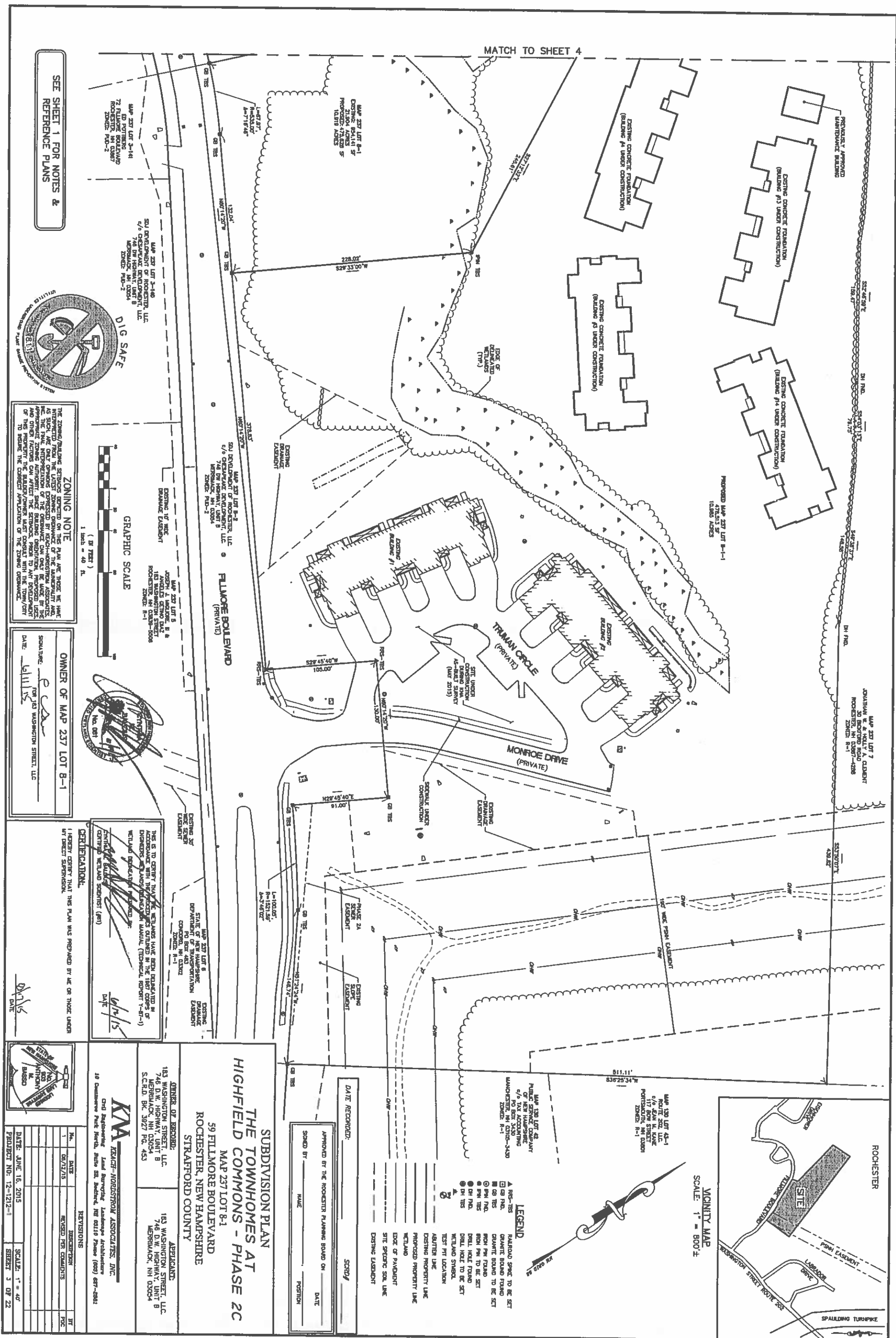
FAX: (803) 823-1811
WEB: WWW.JMWLLS.COM

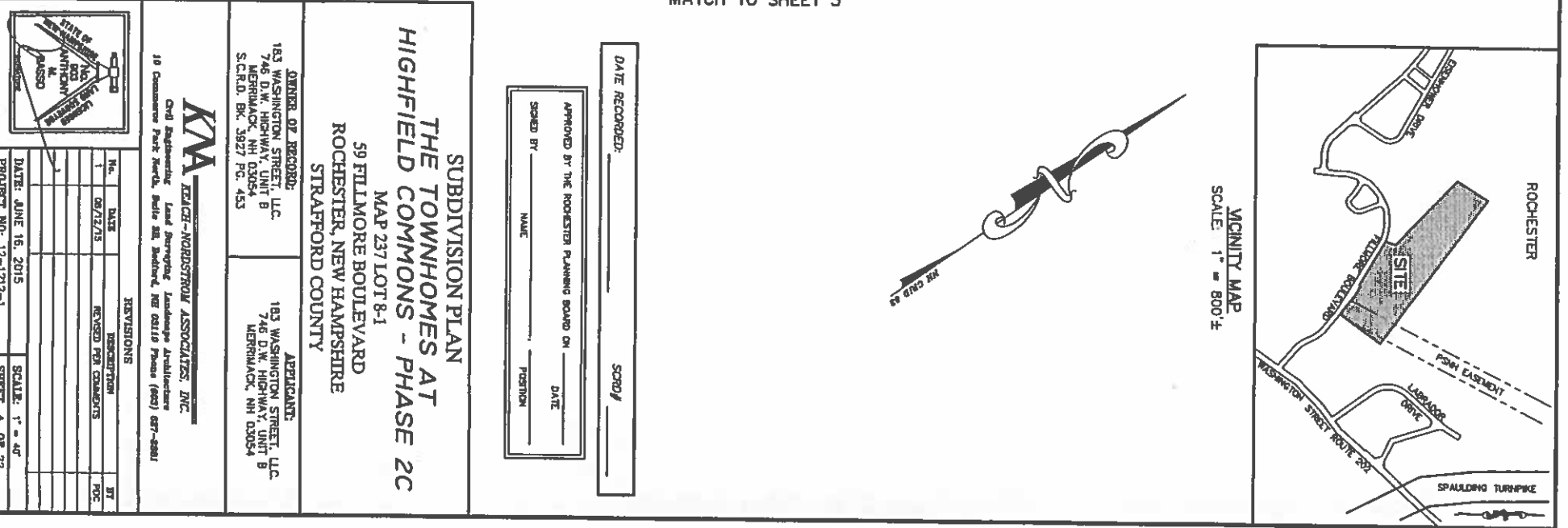
Joseph M. **Wichert**

LAND SURVEYOR & SEPTIC SYSTEM DESIGNER

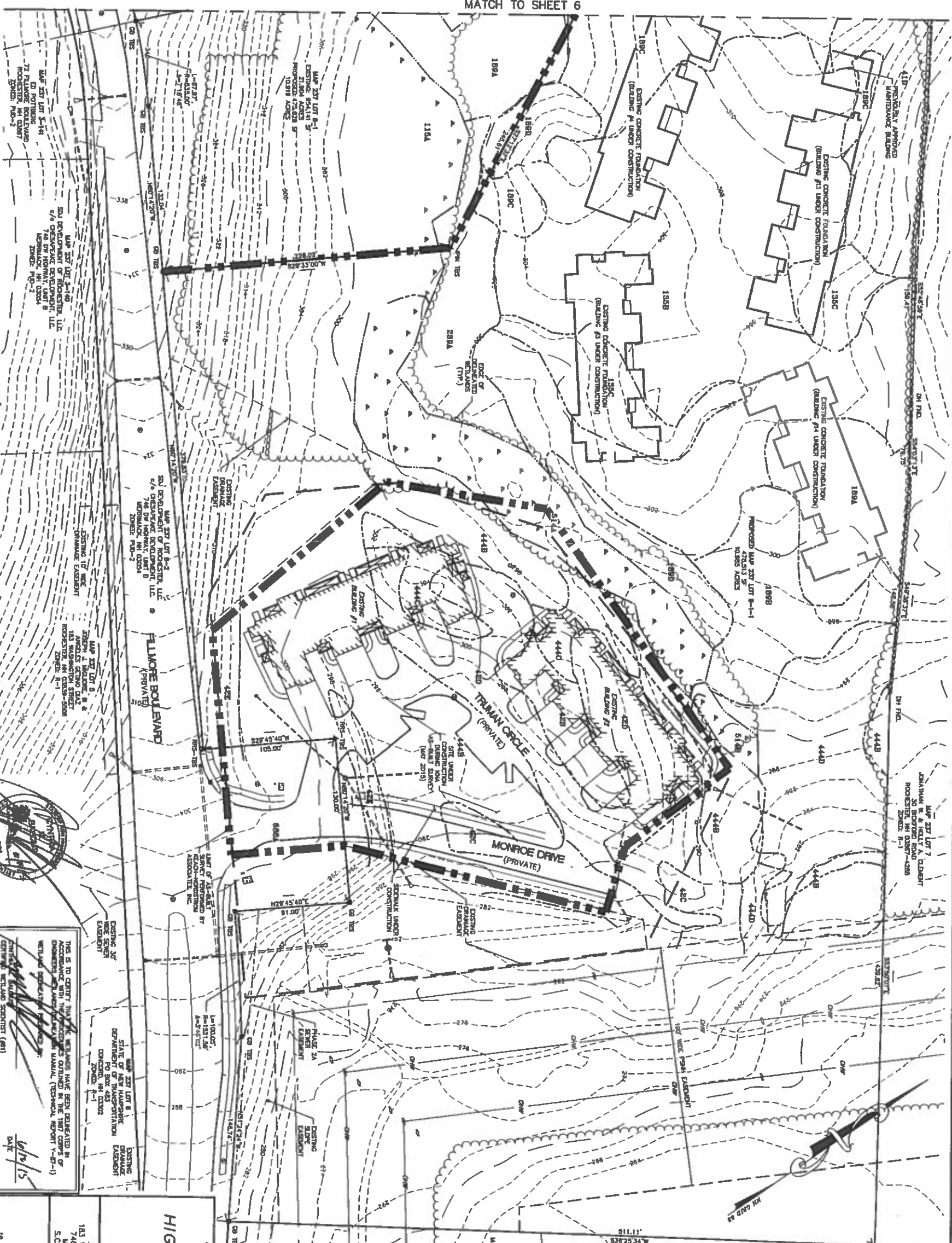
SHEET 51 SHEET 1 OF 1

F.B. P
JOB #2003150

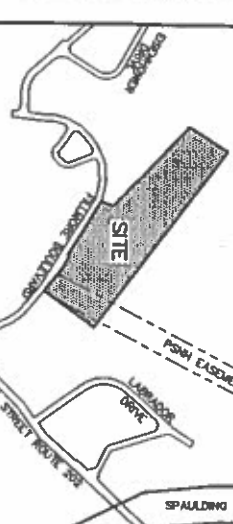




MATCH TO SHEET 6



ROCHESTER



VICINITY MAP
SCALE: 1" = 800'±

SEE SHEET 1 FOR NOTES &
REFERENCE PLANS

SEE SHEET 6 FOR SITE
SPECIFIC SOILS LEGEND



APPROVED BY THE ROCHESTER PLANNING BOARD ON _____
SIGNED BY _____ NAME _____ POSITION _____

TOPOGRAPHIC SUBDIVISION PLAN
THE TOWNHOMES AT
HIGHFIELD COMMONS - PHASE 2C
MAP 237 LOT 8-1
59 FILMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE
STRAFFORD COUNTY

ORDER OF RECORD:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY UNIT B
MERRIMACK, NH 03054
S.C.R.D. BK. 3827 PG. 453

APPLICANT:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY UNIT B
MERRIMACK, NH 03054

REVISIONS

No.	DATE	DESCRIPTION	BY
1	06/17/15	REVISED PER COMMENTS	PC
2			
3			
4			
5			
6			
7			
8			
9			
10			

DATE: JUNE 16, 2015
PROJECT NO: 12-1212-1
SCALE: 1" = 40'
SHEET 5 OF 22

GRAPHIC SCALE
1 inch = 40 ft.

(IN FEET)



THE SITE-SPECIFIC SOIL MAP WAS PERFORMED BETWEEN APRIL 2013 & JUNE 2013 BY CHRYSLER & RODGE ENGINEERING, LLC, A PROFESSIONAL ENGINEERING FIRM, FOR THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C. THIS MAP WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF THE STATE OF NEW HAMPSHIRE AND THE STANDARDS OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS. THE ENGINEER HAS REVIEWED THE SITE-SPECIFIC SOIL MAP AND HAS DETERMINED THAT IT IS IN ACCORDANCE WITH THE STANDARDS OF THE STATE OF NEW HAMPSHIRE AND THE STANDARDS OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS.

ZONING NOTE

THE ZONING/BUILDING ORDINANCES DEPEND ON THE PLAN AND THOSE WE HAVE INTERPRETED FROM THE LATEST ZONING ORDINANCE OF THE MUNICIPALITY AND AS SUCH, THE ZONING/BUILDING ORDINANCES MAY BE SUBJECT TO CHANGE. THE ZONING/BUILDING ORDINANCES MAY BE SUBJECT TO CHANGE. THE ZONING/BUILDING ORDINANCES MAY BE SUBJECT TO CHANGE.

CERTIFICATION:

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION.

THIS IS TO CERTIFY THAT THE TOWNHOMES HAVE BEEN DELETED IN THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C. THE TOWNHOMES HAVE BEEN DELETED IN THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C. THE TOWNHOMES HAVE BEEN DELETED IN THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C.

183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY UNIT B
MERRIMACK, NH 03054
S.C.R.D. BK. 3827 PG. 453

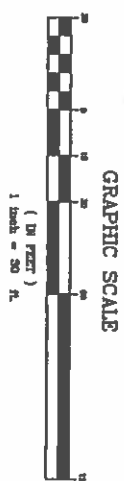
SEE SHEET 1 FOR NOTES



- ☐ C6 PNL
☐ C6 TBS
☐ P6N PNL
☐ P6N TBS
☐ C6 PNL
☐ C6 TBS
- GRANITE BOUND FOUND
 GRANITE BOUND TO BE
 IRON PIN FOUND
 IRON PIN TO BE SET
 DRILL HOLE FOUND
 DRILL HOLE TO BE SET

- | | |
|---|----------------------------|
|  | OVERHEAD UTILITIES |
|  | THEE LINE |
|  | EDGE OF PARADENT |
|  | EDGE OF RAINAL |
|  | STONEWALL |
|  | ELEMENT |
|  | PAUSE LINE |
|  | PROPOSED FOOTSTRAIN PLANK |
|  | PROPOSED EDGE OF PARADENT |
|  | PROPOSED BRILLIANTUS CLAMP |
|  | PROPOSED THEE LINE |
|  | PROPOSED ELEMENT LINE |
|  | PROPOSED CLAUSTRAL |
|  | PROPOSED RETAINING WALL |

APPROVED BY THE ROCHESTER PLANNING BOARD ON _____ DATE _____
SIGNED BY _____ NAME _____ POSITION _____



RESIDENTIAL SITE LAYOUT PLAN THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C

MAP 237 LOT 8-

59 FILLMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE

STRAFFORD COUNTY

OWNER OF RECORD:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054
S.C.R.D. BK. 3927 PG. 453

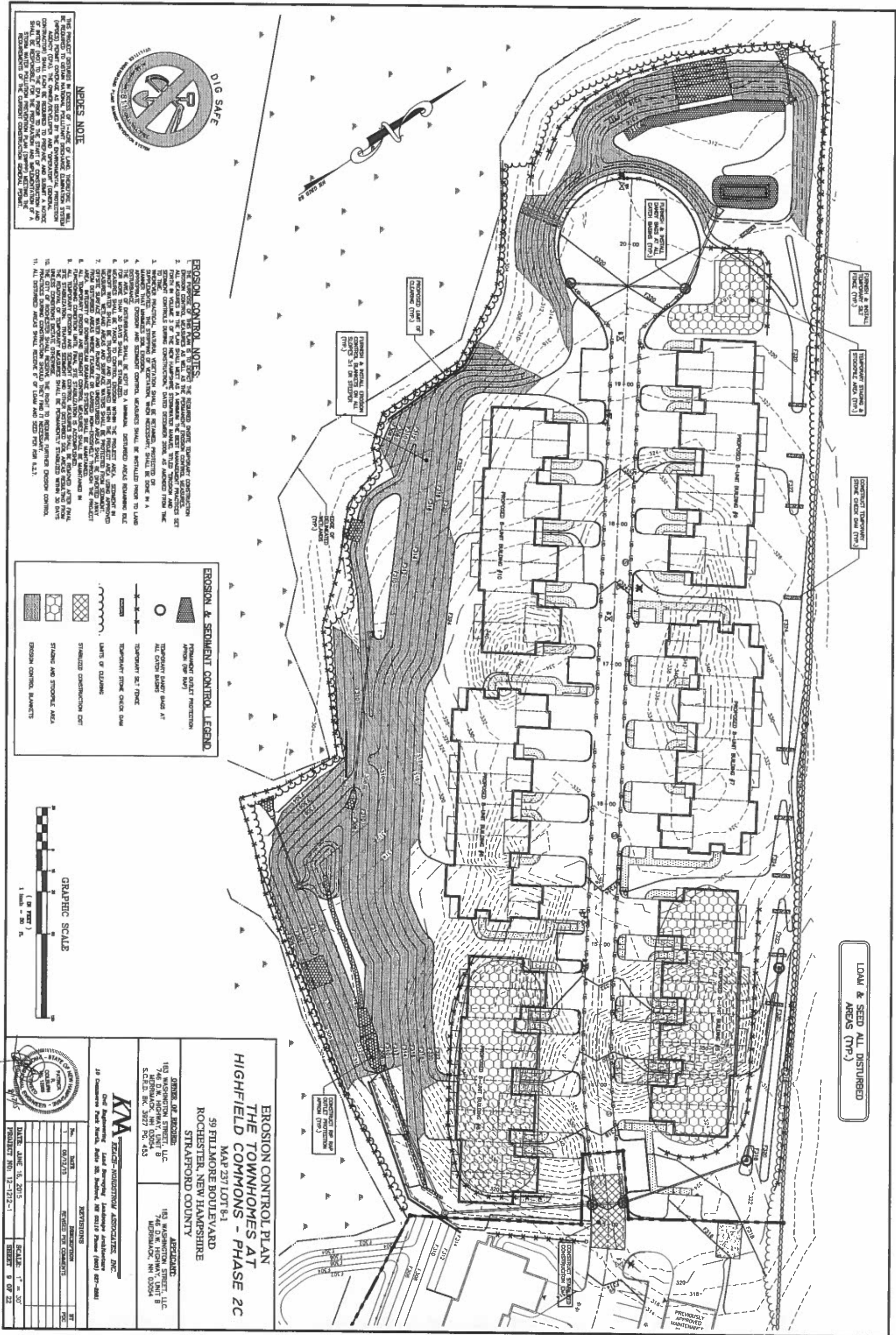
APPLICANT:
183 WASHINGTON STREET, LL
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054

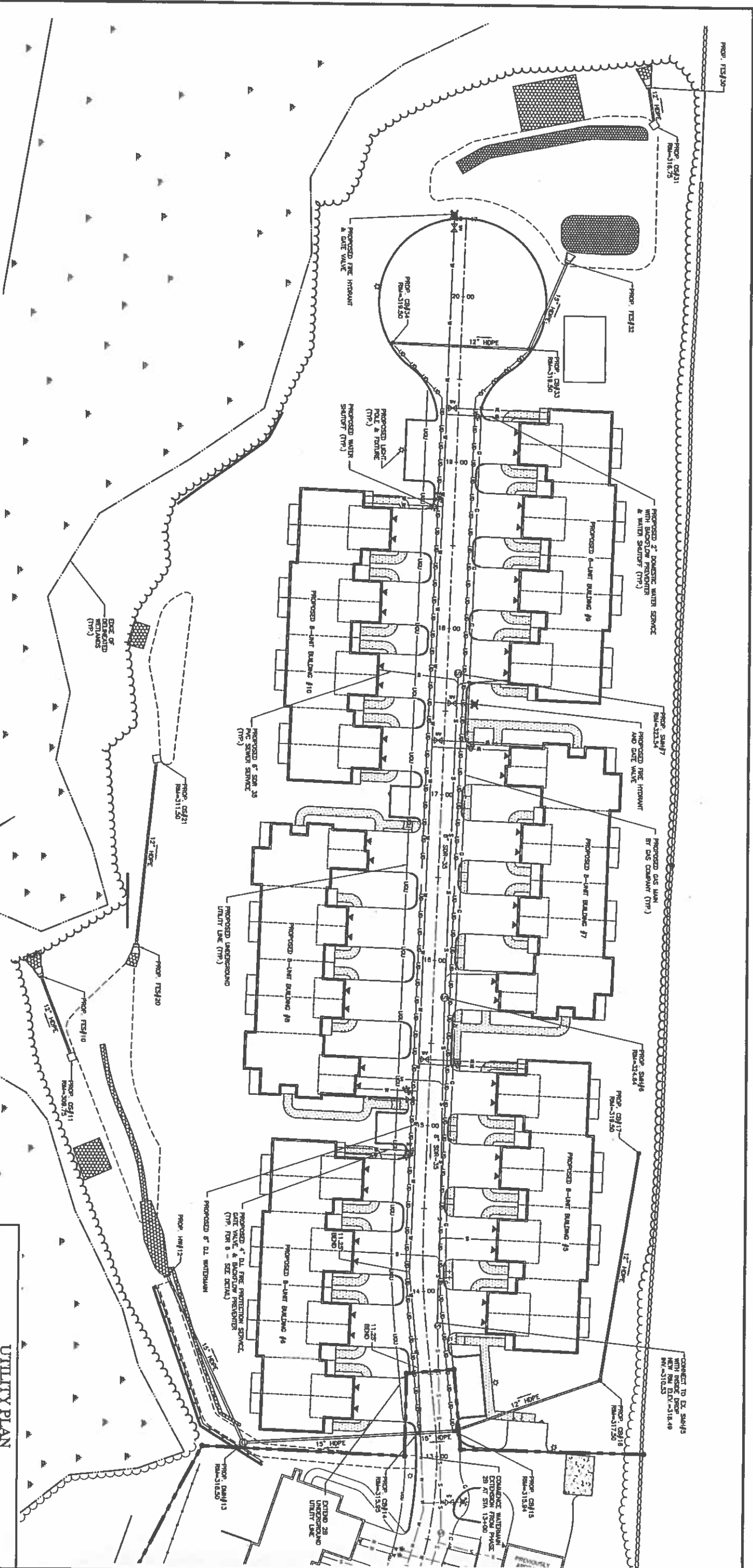
KVA

Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 210, Bedford, NH 03110 Phone (603) 667-2682

10 Compacted Pave North, Bcile St, Bedford, NH 03110 Towne (603) 627-2282

[illegible]





UTILITY PLAN

THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C

MAP 237 LOT 8-1

59 FILMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE
STRAFFORD COUNTY

DRAWN BY RECORD:

183 WASHINGTON STREET, LLC.
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054
S.C.R.D. BK. 5927 P. 453

AFFILIATE:

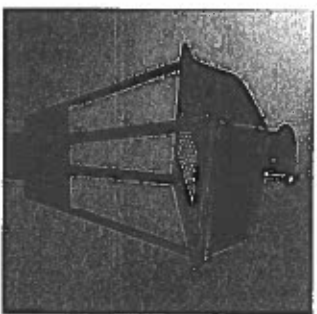
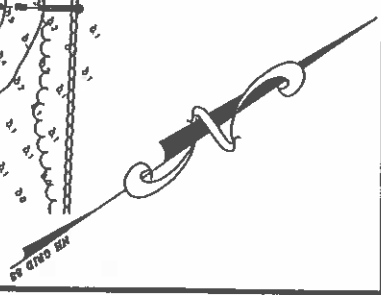
183 WASHINGTON STREET, LLC.
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054

KVA REICH-NORSTRÖM ASSOCIATES, INC.

Civil Engineering, Surveying, Landscaping, Landscape Architecture
10 Commerce Park North, Suite 2A, Bedford, NH 03110 Phone (603) 887-5881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	08/02/15	REVISED PER COMMENTS	PCC
DATE:	JUNE 16, 2015	SCALE:	1" = 30'
PROJECT NO:	12-1212-1	SHEET:	10 OF 22



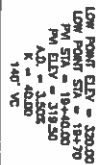
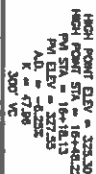
XTOR CROSSTOUR LED
SCALE: NOT TO SCALE

UTD TRADITIONARE LED DOWNLIGHT
SCALE: NOT TO SCALE

LIVING SCHEDULE			
STAGE	DT	LABEL	DESCRIPTION
0	2	P1	UN00022002A3 / 15 POLE
0	2	S1	SMOKE
0	1	S3	UN00021503A3 / 15 POLE
0	1	S2	SMOKE
0	1	S4	UN00022503A3 / 15 POLE
0	1	S5	SMOKE
0	1	W1	KITCHEN / WALL AND 12' A/D
0	1	W2	KITCHEN / WALL AND 12' A/D
0	1	W3	KITCHEN / WALL AND 12' A/D
0	1	W4	KITCHEN / WALL AND 12' A/D
0	1	W5	KITCHEN / WALL AND 12' A/D
0	1	W6	KITCHEN / WALL AND 12' A/D
0	1	W7	KITCHEN / WALL AND 12' A/D
0	1	W8	KITCHEN / WALL AND 12' A/D
0	1	W9	KITCHEN / WALL AND 12' A/D
0	1	W10	KITCHEN / WALL AND 12' A/D
0	1	W11	KITCHEN / WALL AND 12' A/D
0	1	W12	KITCHEN / WALL AND 12' A/D
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0	1	W99	KITCHEN / WALL AND 12' A/D
0	1	W100	KITCHEN / WALL AND 12' A/D



		IN ASSOCIATION WITH: 	
OWNER OF RECORD: 183 WASHINGTON STREET, L.L.C. 745 D.W. HIGHWAY, UNIT B MERRIMACK, NH 03054 S.C.R.D. B/C, 3627 P.C. 453		APPLICANT: 183 WASHINGTON STREET, L.L.C. 745 D.W. HIGHWAY, UNIT B MERRIMACK, NH 03054	
THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C MAP 237 LOT B-1 59 FILLMORE BOULEVARD ROCHESTER, NEW HAMPSHIRE STRAFORD COUNTY			
REVISIONS		DATE: JUNE 16, 2015 PROJECT NO.: 12-1212-1	
No.	DATE	DESCRIPTION	BY
1	06/15/15	REVISED PER COMMENTS	PDC
CHAL ENGINEERING 218 Commerce Park North, Suite 20, Bedford, NH 03110 Phone (603) 657-5281		K/A KEECE-NORDSTROM ASSOCIATES, INC. Lead Surveying Landmark Architecture 1800 North Main Street, Suite 200, Bedford, NH 03110 Phone (603) 657-5281	
SCALE: 1" = 30' SHEET 12 OF 22		INCORPORATED P.O. BOX 4299 LANCASTER, NH 03025 FAX (603) 654-9741	

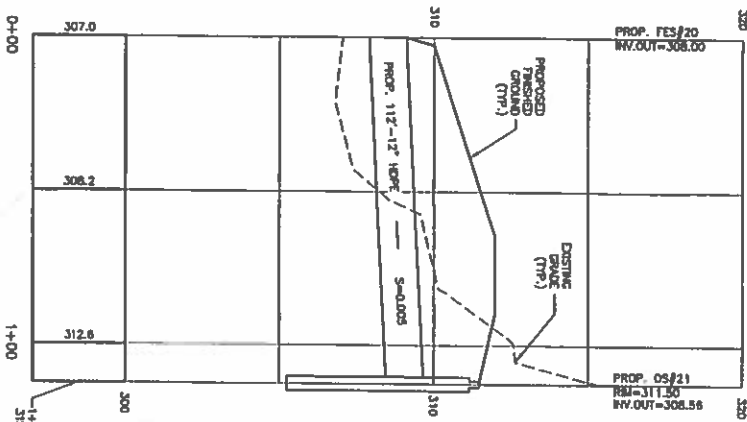


SCALE: 1" = 30'(HORIZ.)
1" = 3'(VERT.)

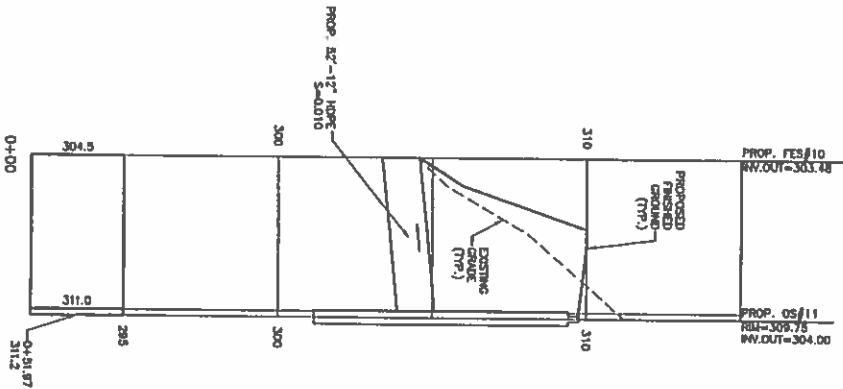
ENV-NO. 703 (A) COMPLAINT: ESTIMATED SEASONAL HIGH GROUNDWATER LEVELS WERE DISCOVERED BETWEEN 20" AND 30" DEEP IN FIVE TEST PITS THROUGHOUT THE SITE. IT IS ANTICIPATED THAT THE PROPOSED SEWER TRENCH WILL BE LOCATED WITHIN THE ESTIMATED SEASONAL HIGH WATER TABLE.



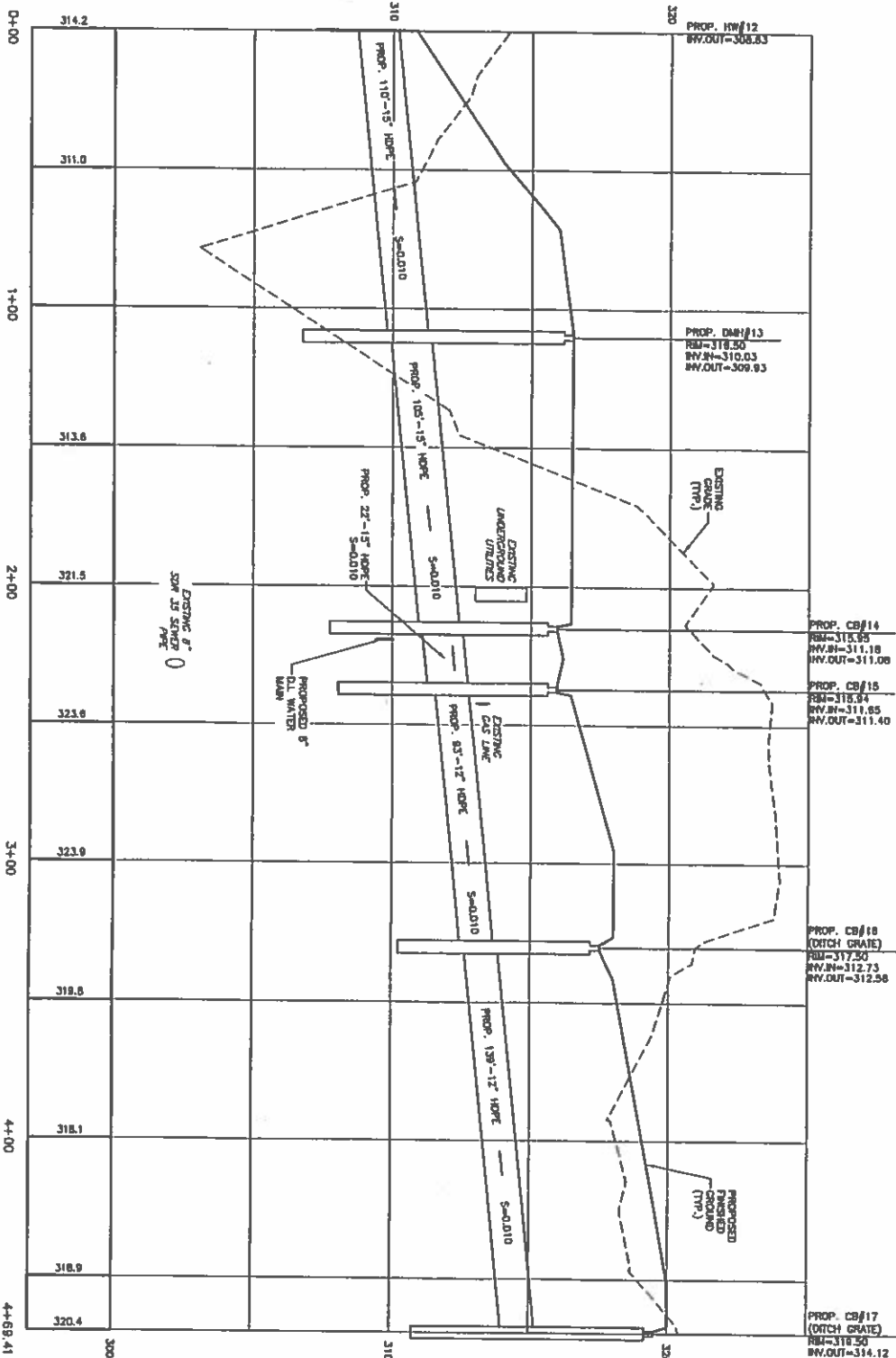
		COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF REVENUE TAXPAYER - COLLEEN NO. 12886	
103 WASHINGTON STREET, LLC 746 D.W. HIGHWAY, UNIT B MERRIMACK, NH 03054 S.C.R.D. BK. 3827 PG. 453		OWNER OF RECORD:	
183 WASHINGTON STREET, LLC 746 D.W. HIGHWAY, UNIT B MERRIMACK, NH 03054		APPLICANT:	
ROADWAY & SEWER PROFILE THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C MAP 237 LOT 8-1 59 FILMORE BOULEVARD ROCHESTER, NEW HAMPSHIRE STRAFFORD COUNTY			
KNA KEACH-NORDSTROM ASSOCIATES, INC. Civil Engineering Land Surveying Landscape Architecture 18 Cummings Park North, Suite 20, Bedford, NH 03110 Phone (603) 877-6081			
REVISIONS			
No.	DATE	DESCRIPTION	BY
1	06/12/15	REVISED PER COMMENTS	TDC
DATE: JUNE 16, 2015		SCALE: AS NOTED	
PROJECT NO: 12-1212-1		SHEET 13 OF 22	



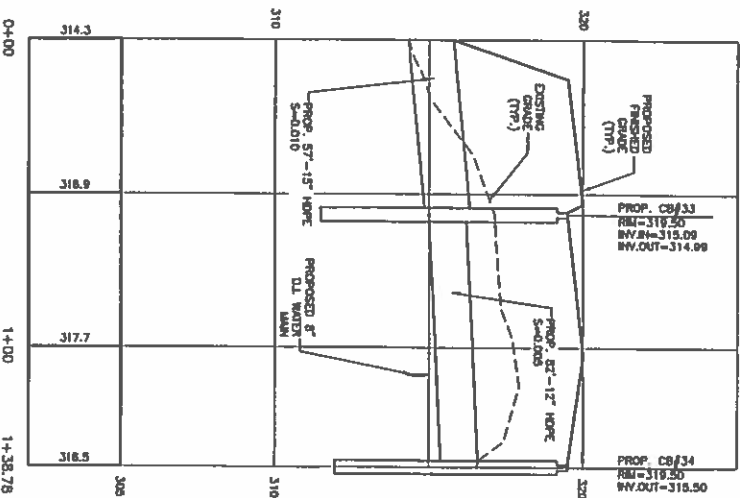
PROPOSED OS#21 TO PROPOSED FES#20
SCALE: 1" = 30'(HORIZ.)
1" = 3'(VERT.)



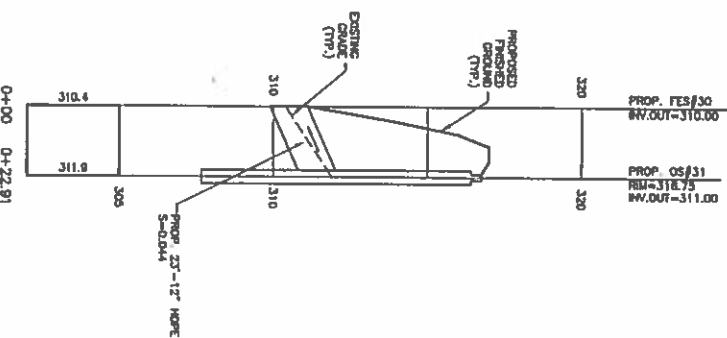
PROPOSED OS#11 TO PROPOSED FES#10
SCALE: 1" = 30'(HORIZ.)
1" = 3'(VERT.)



PROPOSED CB#17 TO PROPOSED HW#12
SCALE: 1" = 30'(HORIZ.)
1" = 3'(VERT.)



PROPOSED CB#34 TO PROPOSED FES#32
SCALE: 1" = 30'(HORIZ.)
1" = 3'(VERT.)



PROPOSED OS#31 TO PROPOSED FES#30
SCALE: 1" = 30'(HORIZ.)
1" = 3'(VERT.)



DRAINAGE PROFILES THE TOWNHOMES AT HIGHFIELD COMMONS - PHASE 2C

MAP 237 LOT 8-1
59 FILLMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE
STRAFFORD COUNTY

OWNER OF RECORD:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
METHUEN, NH 03844
S.C.R.D. BK. 3927 PG. 163

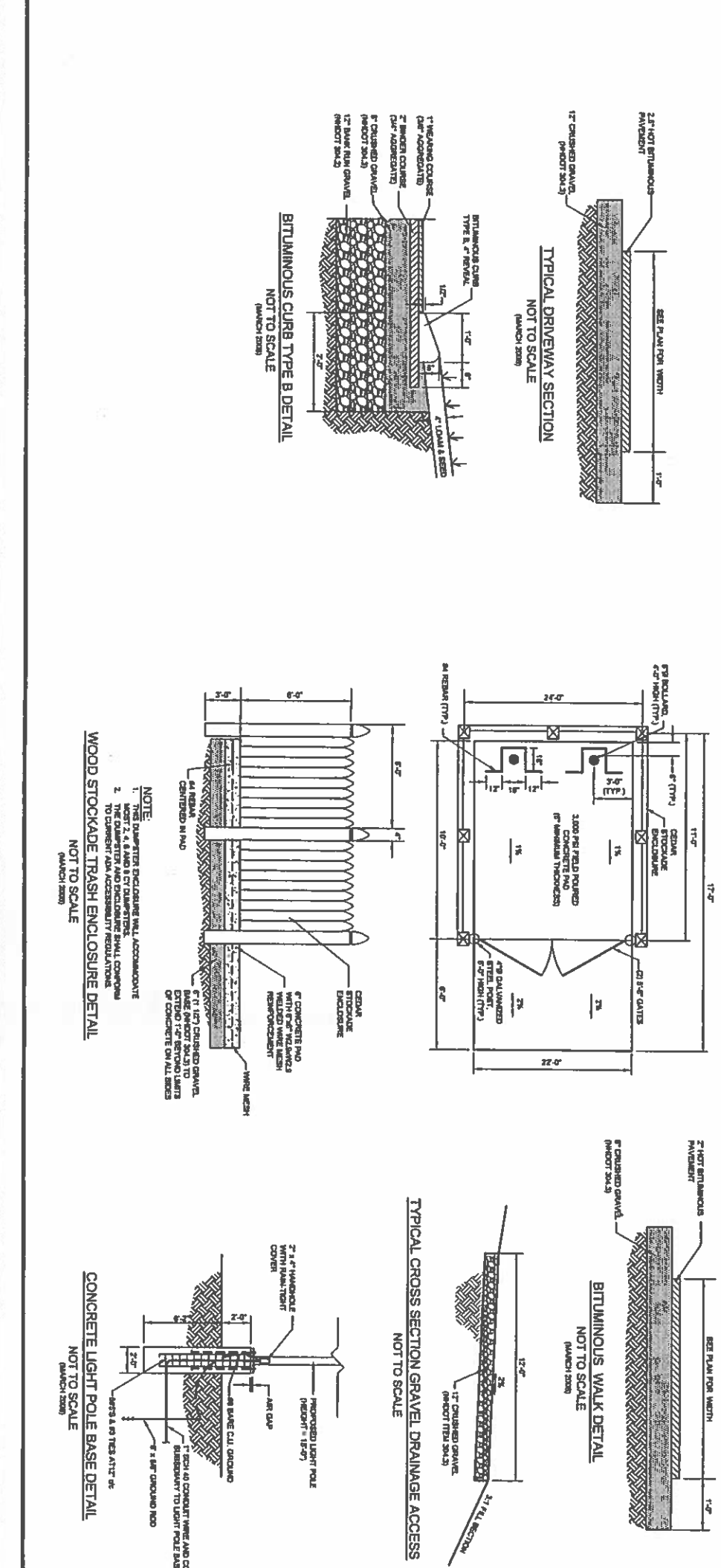
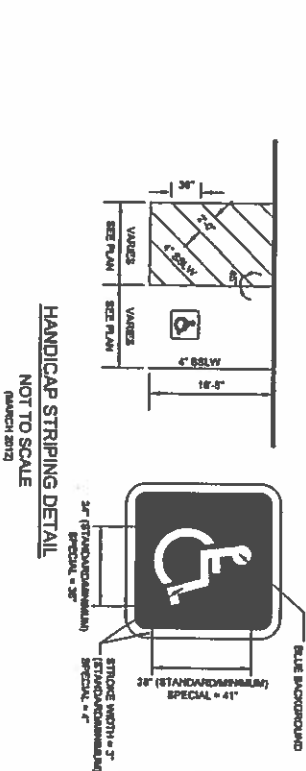
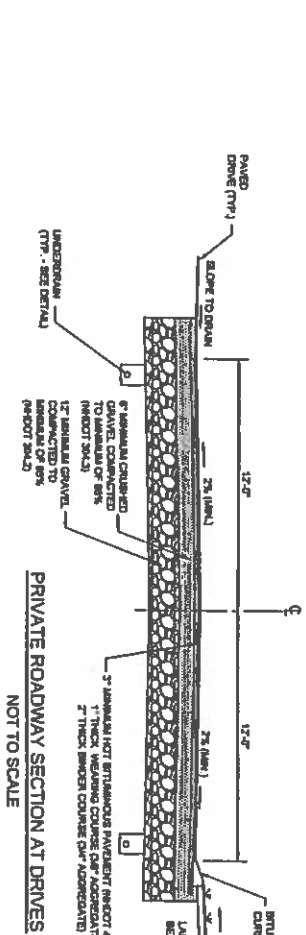
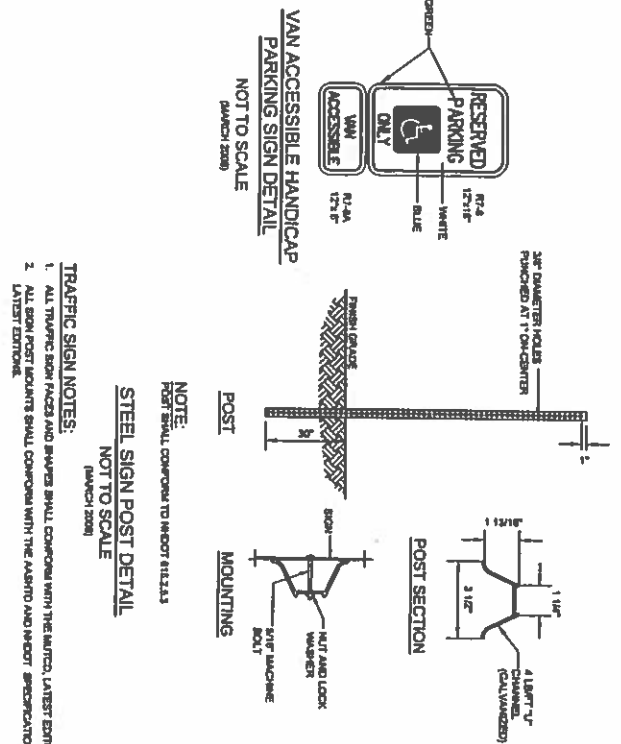
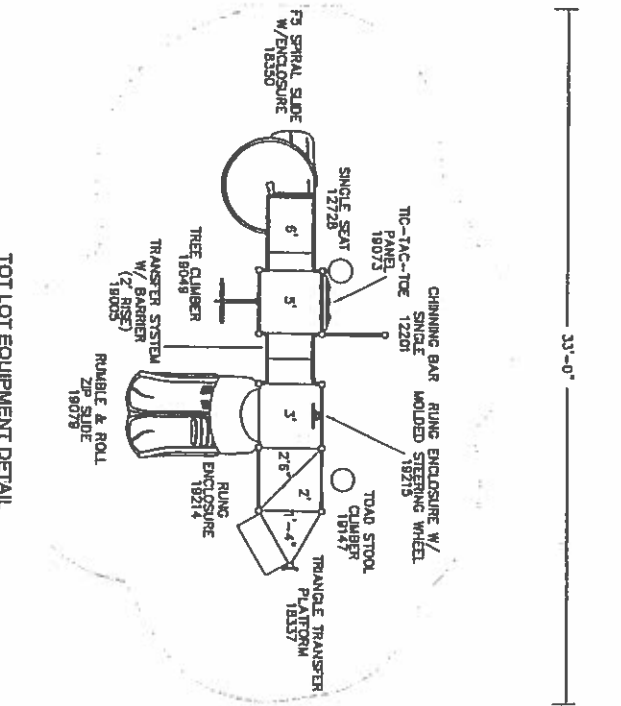
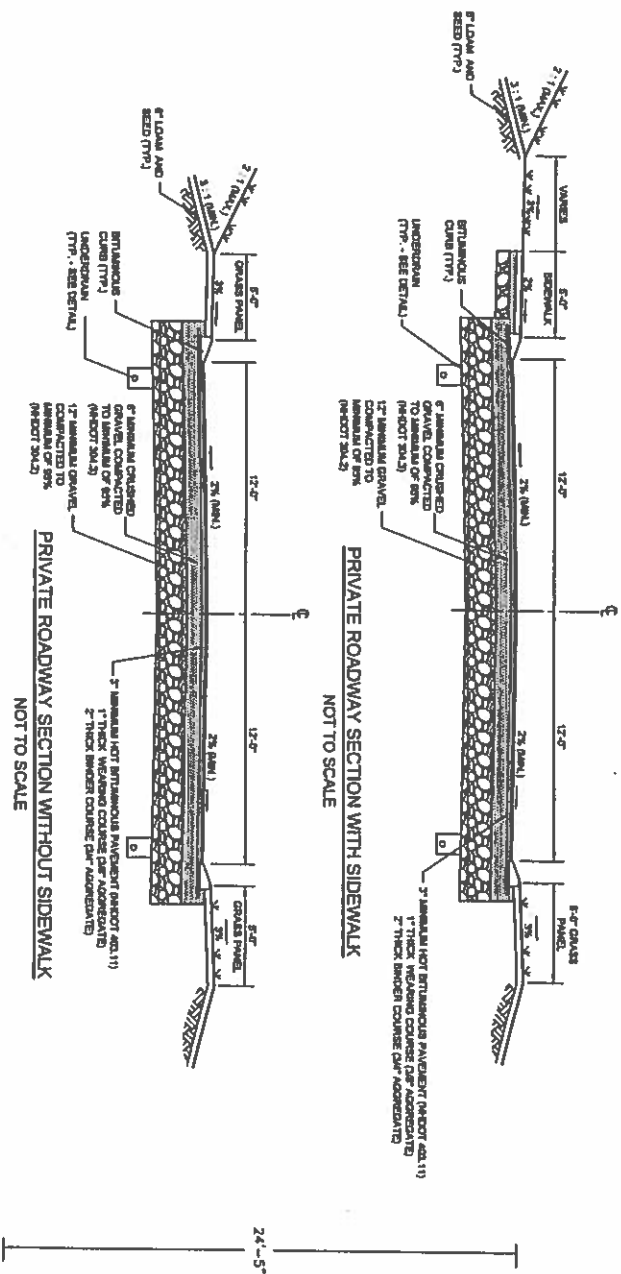
APPLICANT:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
METHUEN, NH 03844

DESIGNED BY:
K&M ASSOCIATES, INC.
10 Commerce Park North, Suite 200, Bedford, NH 03110 Phone: (603) 887-8001



REVISIONS		
NO.	DATE	DESCRIPTION
1	06/12/15	REVISED PER COMMENTS
2		
3		
4		
5		
6		
7		
8		
9		
10		

DATE: JUNE 16, 2015
PROJECT NO: 12-1212-1
SCALE: AS NOTED
SHEET 14 OF 22



CONSTRUCTION DETAILS
THE TOWNHOMES AT
HIGHFIELD COMMONS - PHASE 2C
MAP 237 LOT 8-1
59 FILLMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE
STRAFFORD COUNTY

OWNER OF RECORD:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
S.C.R.D. BK. 3827 PG. 453

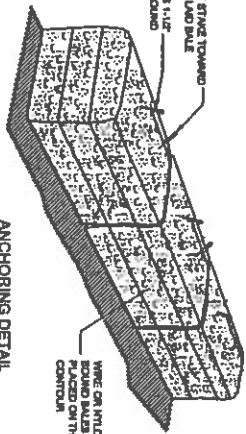
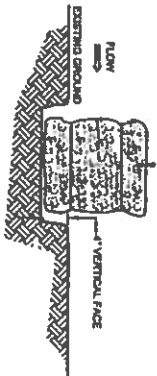
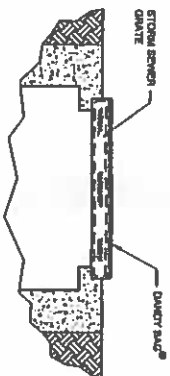
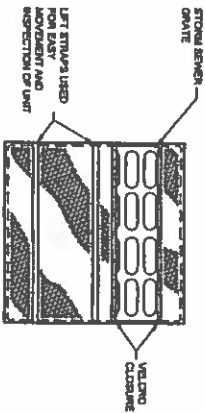
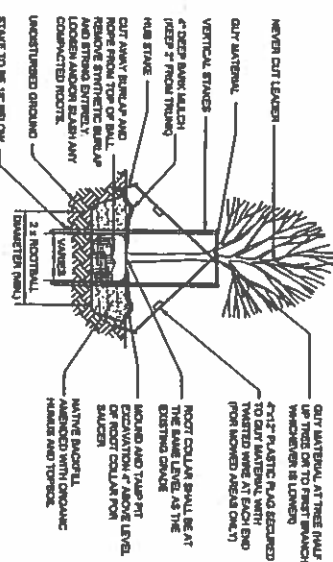
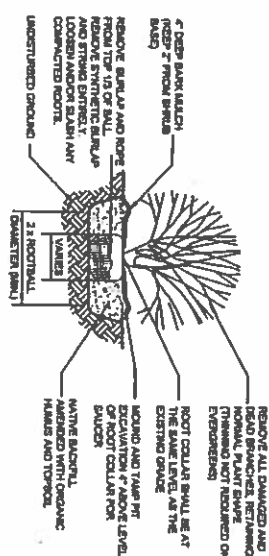
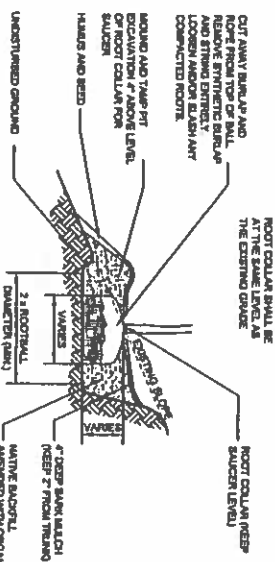
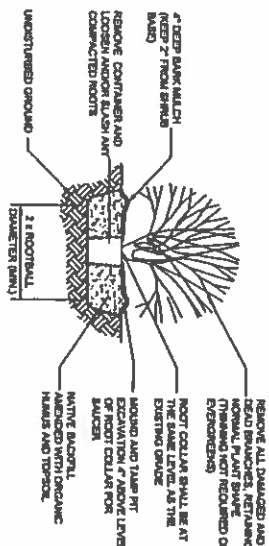
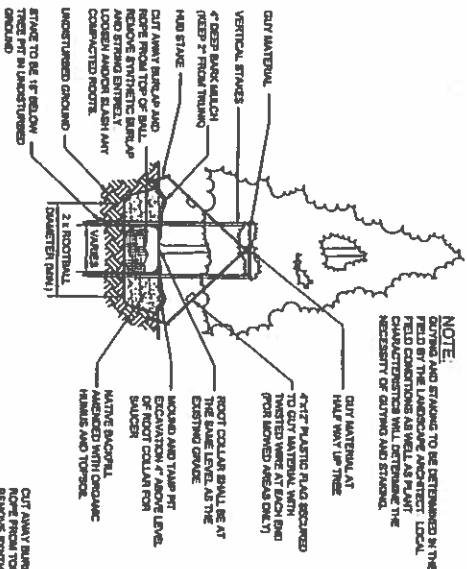
APPLICANT:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054

DESIGNER OF RECORD:
KMA
10 Cambridge Park North, Suite 20, Andover, NH 03010 Phone (603) 887-8881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	08/12/15	REVISED PER COMMENTS	PGC

DATE: JUNE 16, 2015
PROJECT NO.: 12-1212-1
SCALE: AS SHOWN
SHEET: 15 OF 22



PURPOSE: TO REPAIR AND MAINTAIN PERMANENT AND TEMPORARY TYPE RUBLE RESTORE COMPANY'S EXISTING TYPE RUBLES DAMAGED CONSTRUCTION AND CORROSION PROBLEM.

PREPARATION AND EXECUTION: MAKE THE SURFACE OF ALL RUBLES TO BE LOADED AND REDUCED TO REMOVE RUBBER, RUBLE STITCH AND CORROSION PROBLEM.

APPLICATION RATES

1. LINE SHALL BE APPLIED AT A RATE OF 75 TO 100 POUNDS PER 1,000 LBS.
2. FERTILIZER SHALL BE APPLIED AT A RATE OF 30 POUNDS PER 1,000 LBS.
3. SEED MIXTURE FOR LAWN GRASS SHALL BE APPLIED AT A RATE OF AT LEAST 80 POUNDS PER ACRE OR 2 POUNDS PER 1,000 LB.
4. BROMQUAT SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2 POUNDS PER 1,000 LB.
5. SEED MIXTURE FOR CLOVER GRASS SHALL BE APPLIED AT A RATE OF 80 POUNDS PER ACRE OR 2 POUNDS PER 1,000 LB.
6. SEED MIXTURE FOR BROMMAHAWK MAINTENANCE GRASS SHALL BE APPLIED AT A RATE OF 70 POUNDS PER ACRE OR 1 POUND PER 1,000 LB.
MATCH SHALL BE APPLIED AT A RATE OF 80 POUNDS PER 1,000 LB.

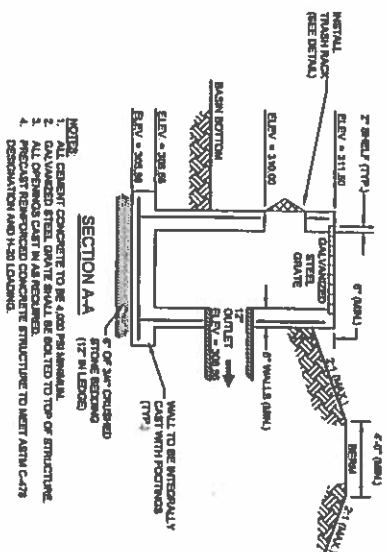
LOADS USED FOR TOPDRESS SHALL BE FUSIBLE, FERTILE, NATURAL, FIRE-DRAINED, LOW FREE OF ROOT, GRASS, STICK, WOOD, CLAY, SOO LUMP, DERMS AND STONES LARGER THAN 1 INCH IN ANY DIMENSION. SOIL SHALL NOT BE EXCESSIVELY ACID OR ALKALINE AND CONTAIN NO TOXIC MATERIALS.

CONSTRUCTION DETAILS
THE TOWNHOMES AT
HIGHFIELD COMMONS - PHASE 2C

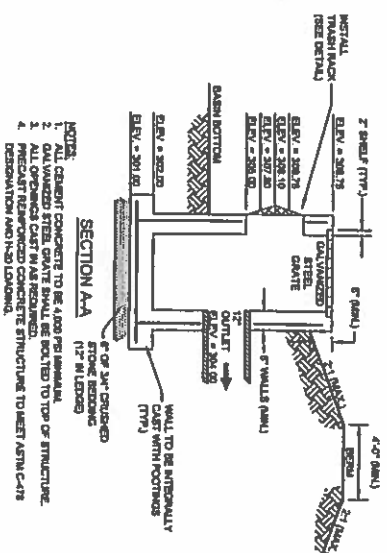
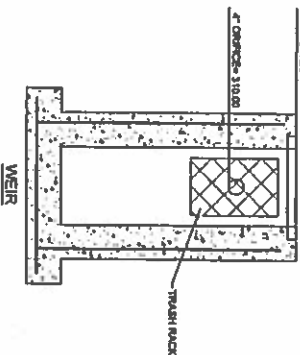
<u>OWNER OF RECORD:</u>	<u>APPLICANT:</u>
183 WASHINGTON STREET, LLC, 746 D.W. HIGHWAY, UNIT B MERRIMACK, NH 03054 S.C.R.D. BK. 3827 PG. 453	183 WASHINGTON STREET, LLC, 746 D.W. HIGHWAY, UNIT B MERRIMACK, NH 03054

J.V. REACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Cambridge Park North, Suite 225, Bedford, NH 03110 Phone (603) 627-2841

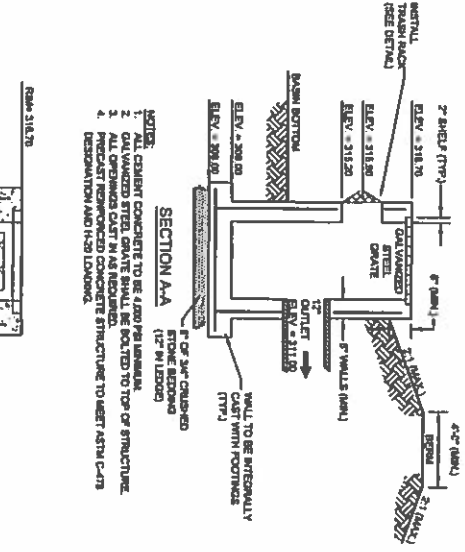
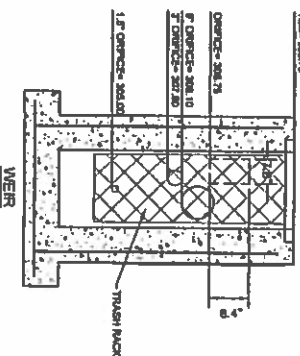
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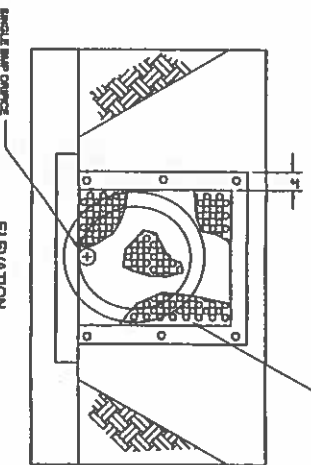
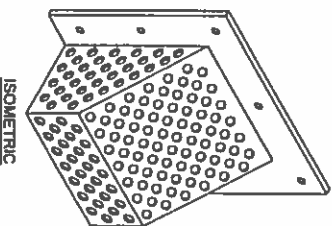
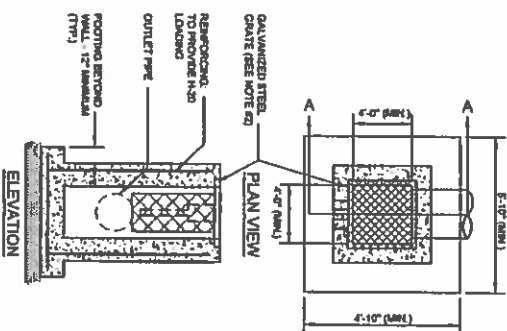
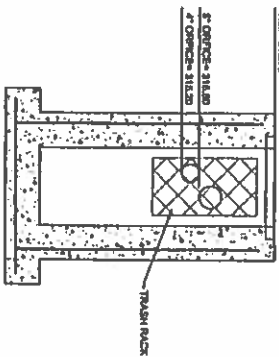
OUTLET CONTROL STRUCTURE #21
FOR DETENTION BASIN
NOT TO SCALE



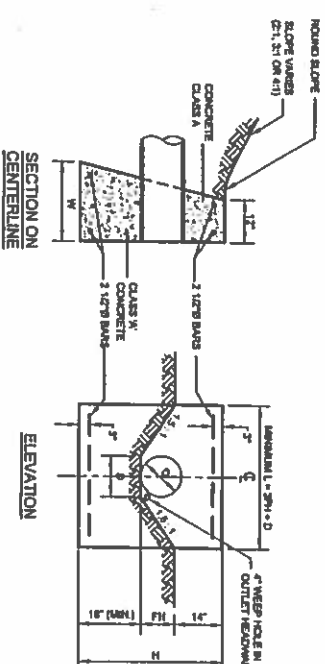
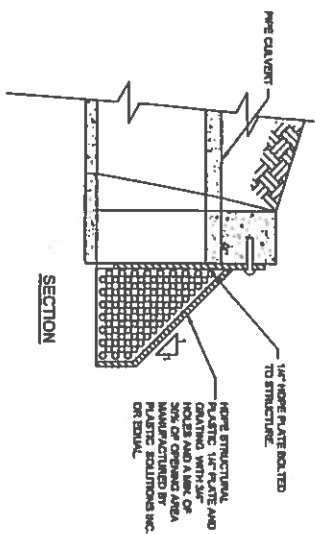
OUTLET CONTROL STRUCTURE #21
FOR MICROPOOL EXT. DETENTION POND
NOT TO SCALE



OUTLET CONTROL STRUCTURE #31
FOR INFILTRATION POND
NOT TO SCALE



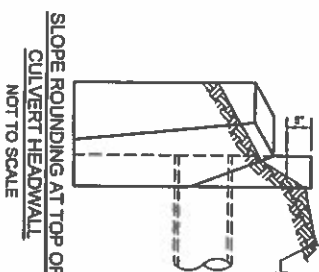
TRASH RACK DETAIL
NOT TO SCALE



HEADWALL DETAIL
NOT TO SCALE

PIPE DIAMETER (INCHES)	PIPE LENGTH (FEET)	PIPE WEIGHT (LBS)	PIPE VOLUME (CU YD)	PIPE SURFACE AREA (SQ YD)	PIPE PERCENTAGE OF TOTAL SURFACE AREA	PIPE PERCENTAGE OF TOTAL VOLUME	PIPE PERCENTAGE OF TOTAL WEIGHT
12"	12.0	12.0	1.0	1.0	1.0	1.0	1.0
18"	18.0	18.0	1.5	1.5	1.5	1.5	1.5
24"	24.0	24.0	2.0	2.0	2.0	2.0	2.0
30"	30.0	30.0	2.5	2.5	2.5	2.5	2.5
36"	36.0	36.0	3.0	3.0	3.0	3.0	3.0
42"	42.0	42.0	3.5	3.5	3.5	3.5	3.5
48"	48.0	48.0	4.0	4.0	4.0	4.0	4.0
54"	54.0	54.0	4.5	4.5	4.5	4.5	4.5
60"	60.0	60.0	5.0	5.0	5.0	5.0	5.0
66"	66.0	66.0	5.5	5.5	5.5	5.5	5.5
72"	72.0	72.0	6.0	6.0	6.0	6.0	6.0
78"	78.0	78.0	6.5	6.5	6.5	6.5	6.5
84"	84.0	84.0	7.0	7.0	7.0	7.0	7.0
90"	90.0	90.0	7.5	7.5	7.5	7.5	7.5
96"	96.0	96.0	8.0	8.0	8.0	8.0	8.0
102"	102.0	102.0	8.5	8.5	8.5	8.5	8.5
108"	108.0	108.0	9.0	9.0	9.0	9.0	9.0
114"	114.0	114.0	9.5	9.5	9.5	9.5	9.5
120"	120.0	120.0	10.0	10.0	10.0	10.0	10.0

PIPE DIAMETER (INCHES)	PIPE LENGTH (FEET)	PIPE WEIGHT (LBS)	PIPE VOLUME (CU YD)	PIPE SURFACE AREA (SQ YD)	PIPE PERCENTAGE OF TOTAL SURFACE AREA	PIPE PERCENTAGE OF TOTAL VOLUME	PIPE PERCENTAGE OF TOTAL WEIGHT
12"	12.0	12.0	1.0	1.0	1.0	1.0	1.0
18"	18.0	18.0	1.5	1.5	1.5	1.5	1.5
24"	24.0	24.0	2.0	2.0	2.0	2.0	2.0
30"	30.0	30.0	2.5	2.5	2.5	2.5	2.5
36"	36.0	36.0	3.0	3.0	3.0	3.0	3.0
42"	42.0	42.0	3.5	3.5	3.5	3.5	3.5
48"	48.0	48.0	4.0	4.0	4.0	4.0	4.0
54"	54.0	54.0	4.5	4.5	4.5	4.5	4.5
60"	60.0	60.0	5.0	5.0	5.0	5.0	5.0
66"	66.0	66.0	5.5	5.5	5.5	5.5	5.5
72"	72.0	72.0	6.0	6.0	6.0	6.0	6.0
78"	78.0	78.0	6.5	6.5	6.5	6.5	6.5
84"	84.0	84.0	7.0	7.0	7.0	7.0	7.0
90"	90.0	90.0	7.5	7.5	7.5	7.5	7.5
96"	96.0	96.0	8.0	8.0	8.0	8.0	8.0
102"	102.0	102.0	8.5	8.5	8.5	8.5	8.5
108"	108.0	108.0	9.0	9.0	9.0	9.0	9.0
114"	114.0	114.0	9.5	9.5	9.5	9.5	9.5
120"	120.0	120.0	10.0	10.0	10.0	10.0	10.0



SLOPE ROUNDING AT TOP OF
CULVERT HEADWALL
NOT TO SCALE

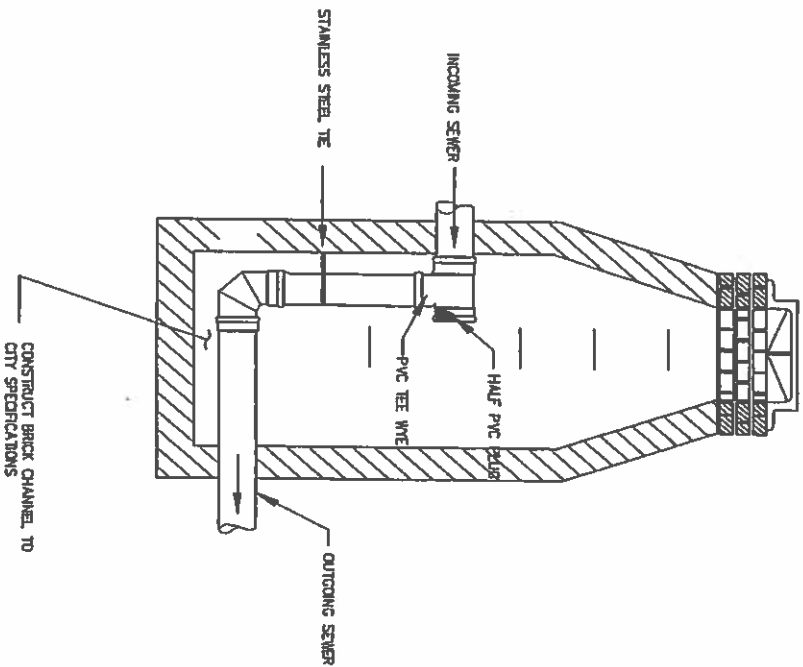
CONSTRUCTION DETAILS
THE TOWNHOMES AT
HIGHFIELD COMMONS - PHASE 2C
MAP 237 LOT 8-1
59 FILLMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE
STRAFFORD COUNTY

OWNER: DZ RECORDS
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
S.C.R.D. BK 3827 PG. 453

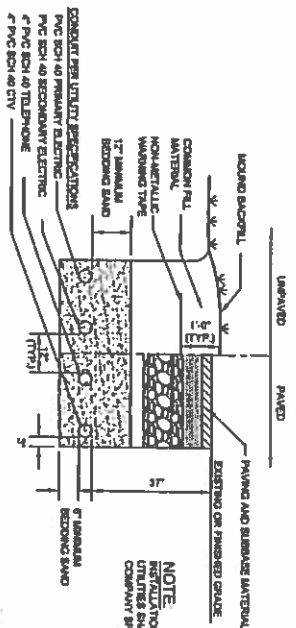
APPLICANT:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054

NO.	DATE	REVISIONS	BY
1	08/12/15	REVISED PER COMMENTS	PCG
2			
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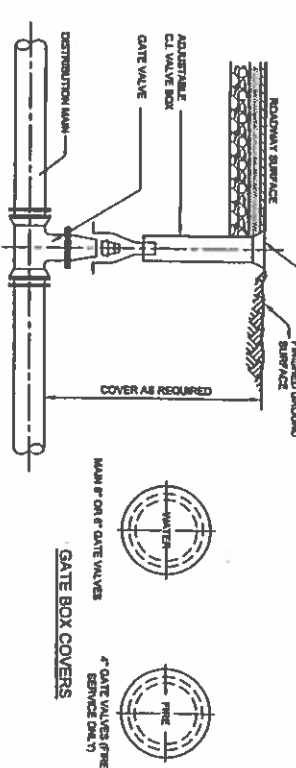
DATE: JUNE 16, 2015
PROJECT NO: 12-1212-1
SCALE: AS SHOWN
SHEET 18 OF 22



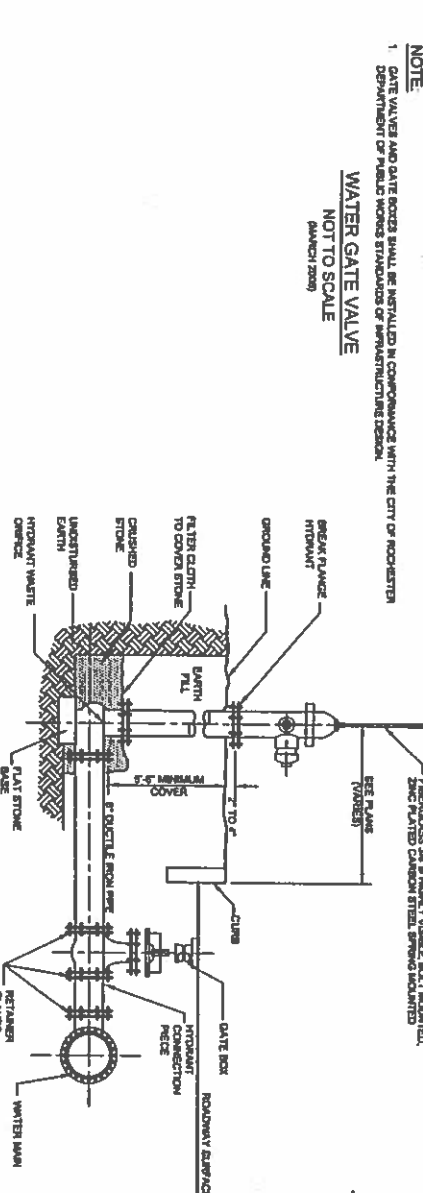
INSIDE DROP FOR EXISTING MANHOLE DETAIL
NOT TO SCALE



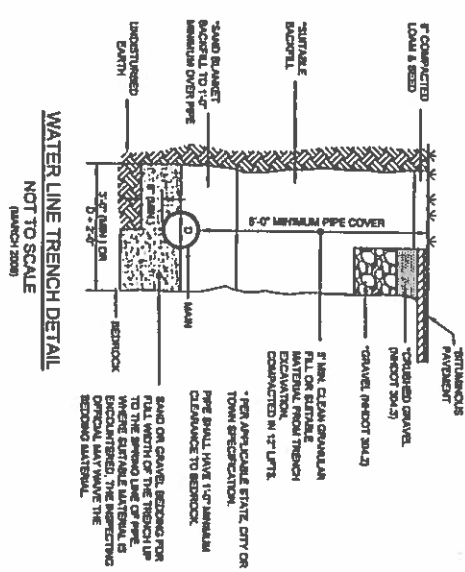
UTILITY TRENCH DETAIL
NOT TO SCALE
(MARCH 2008)



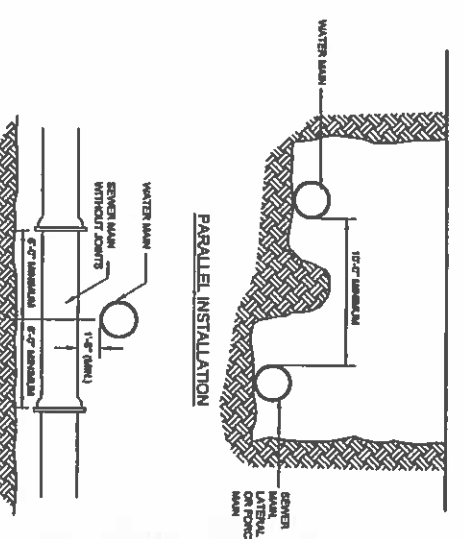
NOTE:
1. GATE VALVES AND GATE BOXES SHALL BE INSTALLED IN CONFORMANCE WITH THE CITY OF ROCHESTER DEPARTMENT OF PUBLIC WORKS STANDARDS OF INFRASTRUCTURE DESIGN.
WATER GATE VALVE
NOT TO SCALE
(MARCH 2008)



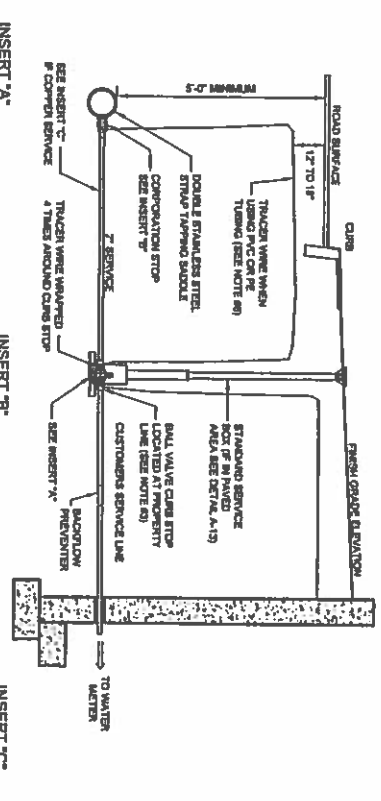
NOTE:
1. HYDRANT RISE SHALL BE INSTALLED IN CONFORMANCE WITH THE CITY OF ROCHESTER DEPARTMENT OF PUBLIC WORKS STANDARDS OF INFRASTRUCTURE DESIGN.
HYDRANT INSTALLATION
NOT TO SCALE
(MARCH 2008)



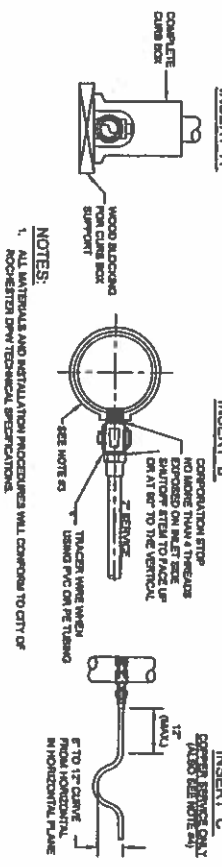
WATER LINE TRENCH DETAIL
NOT TO SCALE
(MARCH 2008)



PARALLEL INSTALLATION
NOT TO SCALE



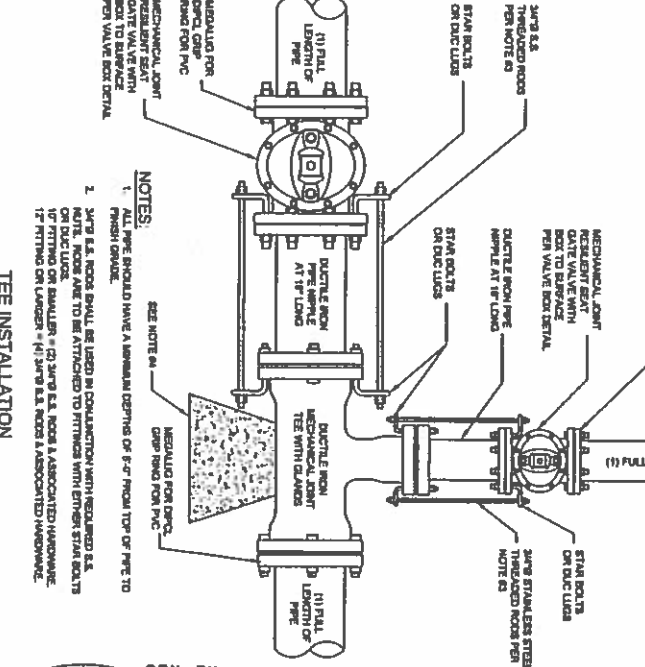
WATER PIPE/SEWER PIPE SEPARATION
NOT TO SCALE



NOTE:
1. ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO CITY OF ROCHESTER DEPT. TECHNICAL SPECIFICATIONS.
2. ALL PIPE SHOULD HAVE A MINIMUM DEPTH OF 5'-0\"/>

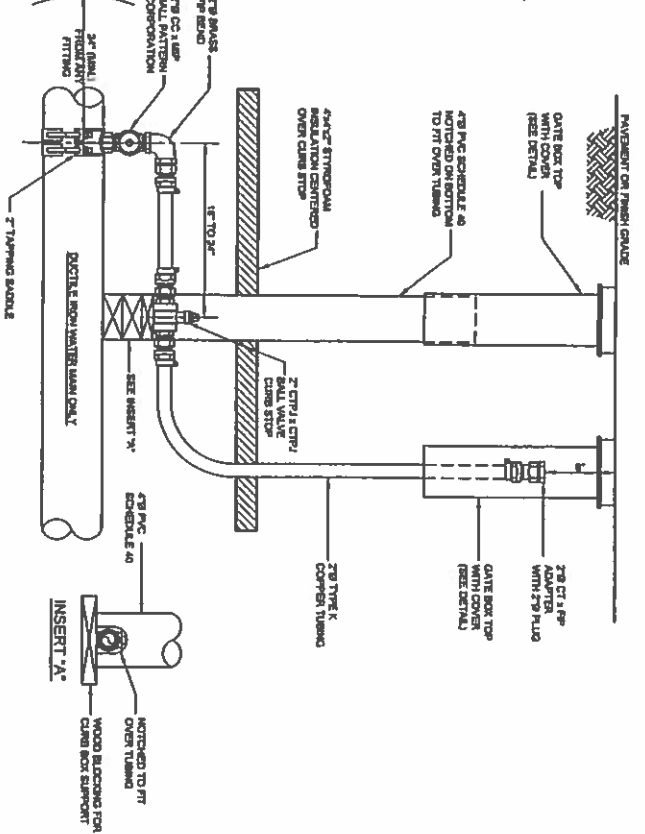
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NOT TO SCALE
(MARCH 2008)

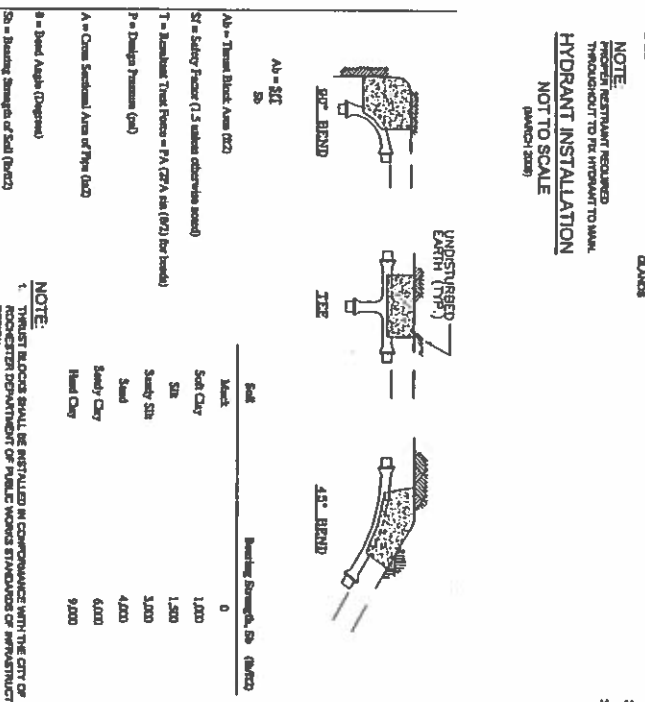


NOTE:
1. ALL PIPE SHOULD HAVE A MINIMUM DEPTH OF 5'-0\"/>

TEE INSTALLATION
(A-08)
NOT TO SCALE
(MARCH 2008)



2\"/>



THRUST BLOCK DETAIL
NOT TO SCALE

CONSTRUCTION DETAILS
THE TOWNHOMES AT
HIGHLAND COMMONS - PHASE 2C
MAP 237 LOT 8-1
59 FILLMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE
STRAFFORD COUNTY

OWNER OF RECORD:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054
S.C.R.D. BK. 3927 PG. 403

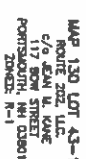
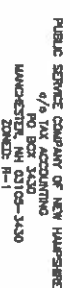
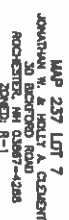
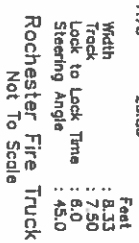
APPLICANT:
183 WASHINGTON STREET, LLC
746 D.W. HIGHWAY, UNIT B
MERRIMACK, NH 03054

10 Consumer Field North, Suite 20, Bedford, NH 03110 Phone (603) 877-8881

DATE: JUNE 16, 2015
SCALE: AS SHOWN
PROJECT NO: 12-1212-1

REVISIONS
NO. DATE REVISION BY
1 06/12/15 REVISED FOR COMMENTS PRC

10 Consumer Field North, Suite 20, Bedford, NH 03110 Phone (603) 877-8881



RECEIVED
AUG 18 2015
Planning Dept.

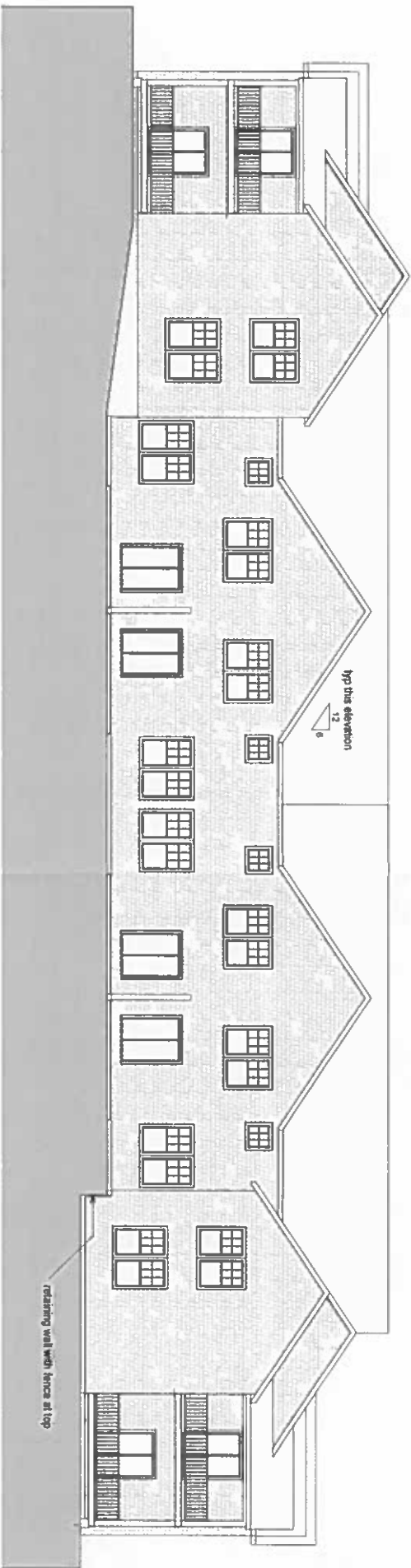
59 FILLMORE BOULEVARD
ROCHESTER, NEW HAMPSHIRE
STRAFORD COUNTY

183 WASHINGTON STREET, LLC.
746 D.W. HIGHWAY, UNIT 9
MERRIMACK, NH 03054
S.C.R.D. BK. 3927 PG. 453

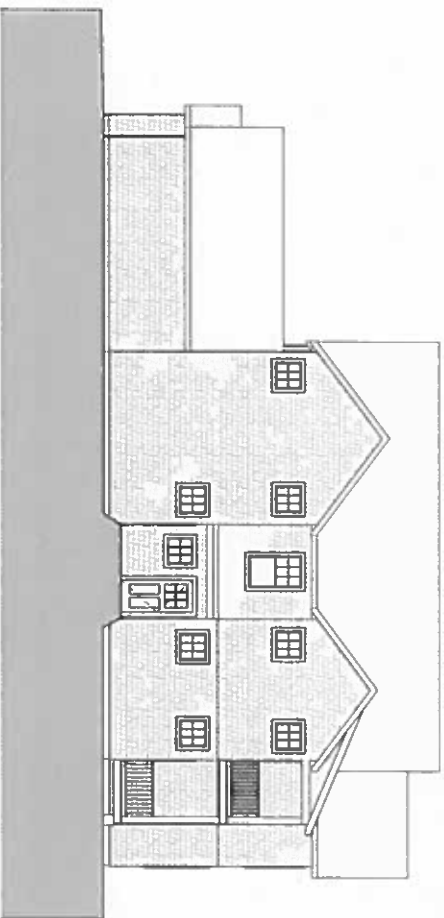
183 WASHINGTON STREET, LLC,
746 D.W. HIGHWAY, UNIT B
MERRIMACK NH 03054

CH1 Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 305, Bedford, NH 03110 Phone (603) 627-8841

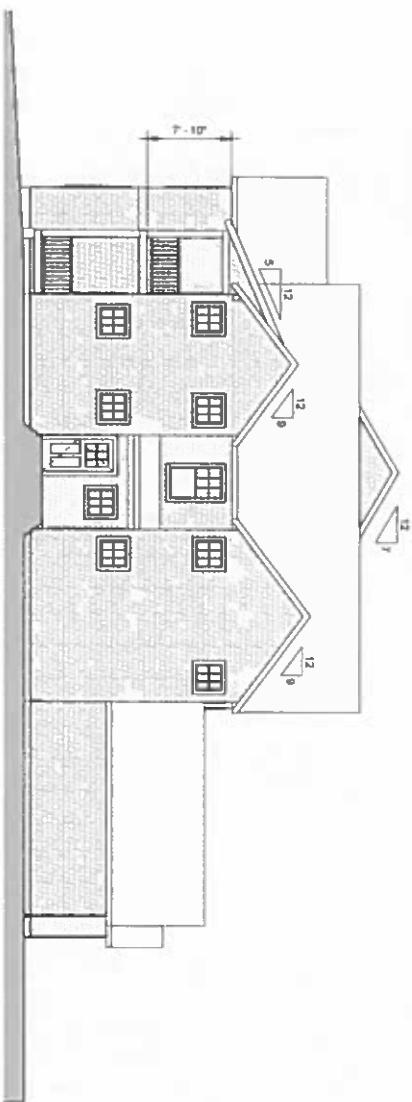
[illegible]



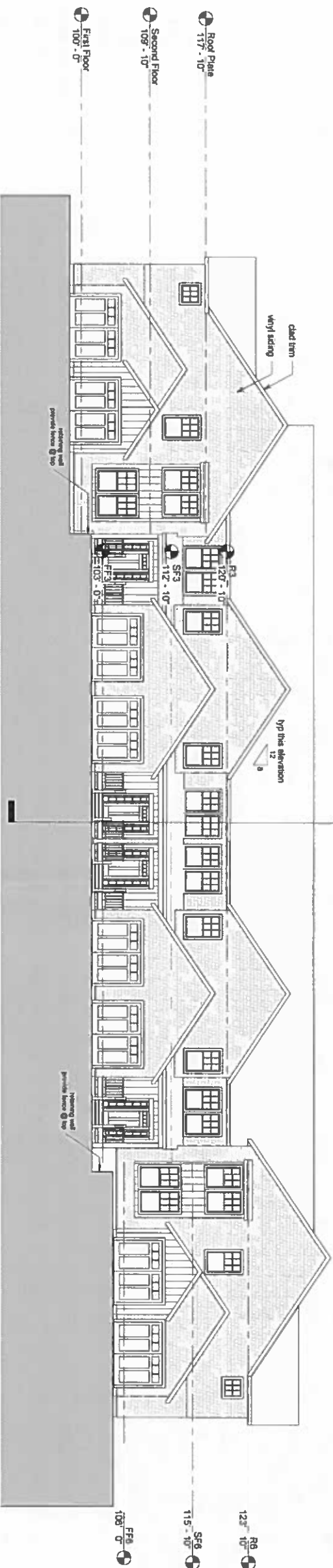
3 Back Elevation
1/8" = 1'-0"



4 Left Side
1/8" = 1'-0"



2 Right Side
1/8" = 1'-0"



1 Front
1/8" = 1'-0"

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Rochester, NH

Project number: 2014-148

Elevations

Scale: 1/8" = 1'-0"
Date: November 1, 2014
Revision:

A2.0