



JOHN F. WEAVER
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Woburn, MA 01801-7419
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F 781.904.2701

February 10, 2020

VIA HAND DELIVERY

Sally King, Chair
Conservation Commission
Town of Rye
10 Central Road
Rye, NH 03870

Re: Revised Plan for a Wireless Telecommunications Facility at 68 Port Way by Celco Partnership d/b/a Verizon Wireless for Rye Conservation Commission Meeting on February 13, 2020

Dear Ms. King:

With regard to the variance requested by Verizon Wireless in its application dated January 31, 2020, due to an error, the plans submitted with that application showed a 100' wetlands buffer, which is relevant to the variance from the required tower setback that Verizon requested in its application dated November 15, 2019. However, the variance the Conservation Commission will consider at its meeting on February 13, 2020 is from the prohibition against cutting trees with a 4" diameter at the 4' height within the 75' wetlands buffer. Enclosed, please find two revised 11" by 17" plans for a Wireless Telecommunications Facility at 68 Port Way by Celco Partnership d/b/a Verizon Wireless, which show the proper wetlands buffer. I apologize for the confusion.

Thank you for your assistance and attention to this matter, and we look forward to meeting with you on February 13, 2020.

Sincerely,

John F. Weaver

Enclosures

cc: C. Fredette, SAI Group (w/o enc.)



FOR ZONING

PREPARED FOR:

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

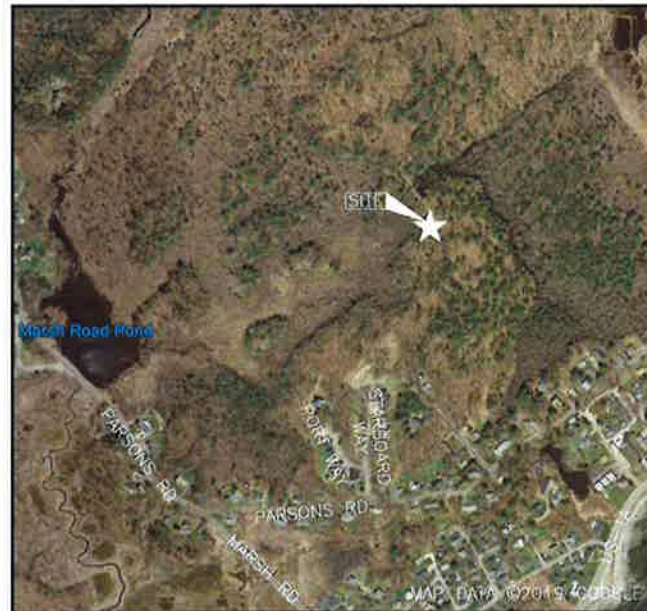
500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5533
FAX: (978) 336-5586

RYE 2 NH

68 PORT WAY RYE, NH 03870



VICINITY MAP

DIRECTIONS TO SITE:

GET ON I-495N FROM CONNECTOR RD AND MA-9E, CONTINUE ON I-495N TO PORTSMOUTH. TAKE EXIT 3 FROM I-95N, TAKE EXIT 3 FOR NH-33 TOWARD GREENLAND/PORTSMOUTH, CONTINUE ON NH-33E. TAKE PEVERLY HILL RD, ELWYN RD, NH-1A AND BRACKETT RD TO PORT WAY IN RYE, TURN RIGHT ONTO NH-33E/GREENLAND RD, TURN RIGHT ONTO PEVERLY HILL RD, CONTINUE ONTO ELWYN RD, AT THE TRAFFIC CIRCLE, CONTINUE STRAIGHT ONTO NH-1A, TURN RIGHT ONTO BRACKETT RD, TURN LEFT ONTO PARSONS RD, TURN LEFT ONTO STARBOARD WAY, TURN LEFT ONTO PORT WAY. SITE IS AT END OF PORT WAY.

PROJECT SUMMARY

PROJECT ENGINEER
HUDSON DESIGN GROUP, LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: 1-(978)-557-5553
FAX: 1-(978)-336-5586

MEP ENGINEER
HUDSON DESIGN GROUP, LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: 1-(978)-557-5553
FAX: 1-(978)-336-5586

SURVEYOR
NORTHEAST SURVEY CONSULTANTS
116 PLEASANT ST., SUITE 302
EASTHAMPTON, MA 01027
TEL: 1-(413)-203-5144

PROJECT SUMMARY

SITE NAME: RYE 2 NH
SITE ADDRESS: 68 PORT WAY
RYE, NH 03870

APPLICANT: VERIZON WIRELESS
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

CO-APPLICANT: NEW CINGULAR WIRELESS PCS,
LLC D/B/A AT&T
500 COCHITUATE ROAD,
SUITES 13 & 14
FRAMINGHAM, MA 01701

ZONING DISTRICT: TOWN OF RYE, NH
ZONING JURISDICTION: SINGLE RESIDENCE

LATITUDE: N43° 02' 05.32"
LONGITUDE: W70° 43' 36.49"

PARCEL ID: 23-001
PROPERTY OWNER: TOWN OF RYE
10 CENTRAL ROAD
RYE, NH 03870

SHEET INDEX

SHEET NO.	DESCRIPTION
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C-2	EXISTING CONDITIONS
C-3	SITE PLAN
C-4	ENLARGED SITE PLAN
C-5	ENLARGED SITE PLAN (PARTIAL)
C-6	COMPOUND PLAN
C-7	WETLAND BUFFER PLAN
C-8	DRIVEWAY SECTIONAL PROFILES
C-9	DRIVEWAY SECTIONAL PROFILES
A-1	ELEVATION
A-2	DETAILS
A-3	EROSION CONTROL NOTES & DETAILS

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

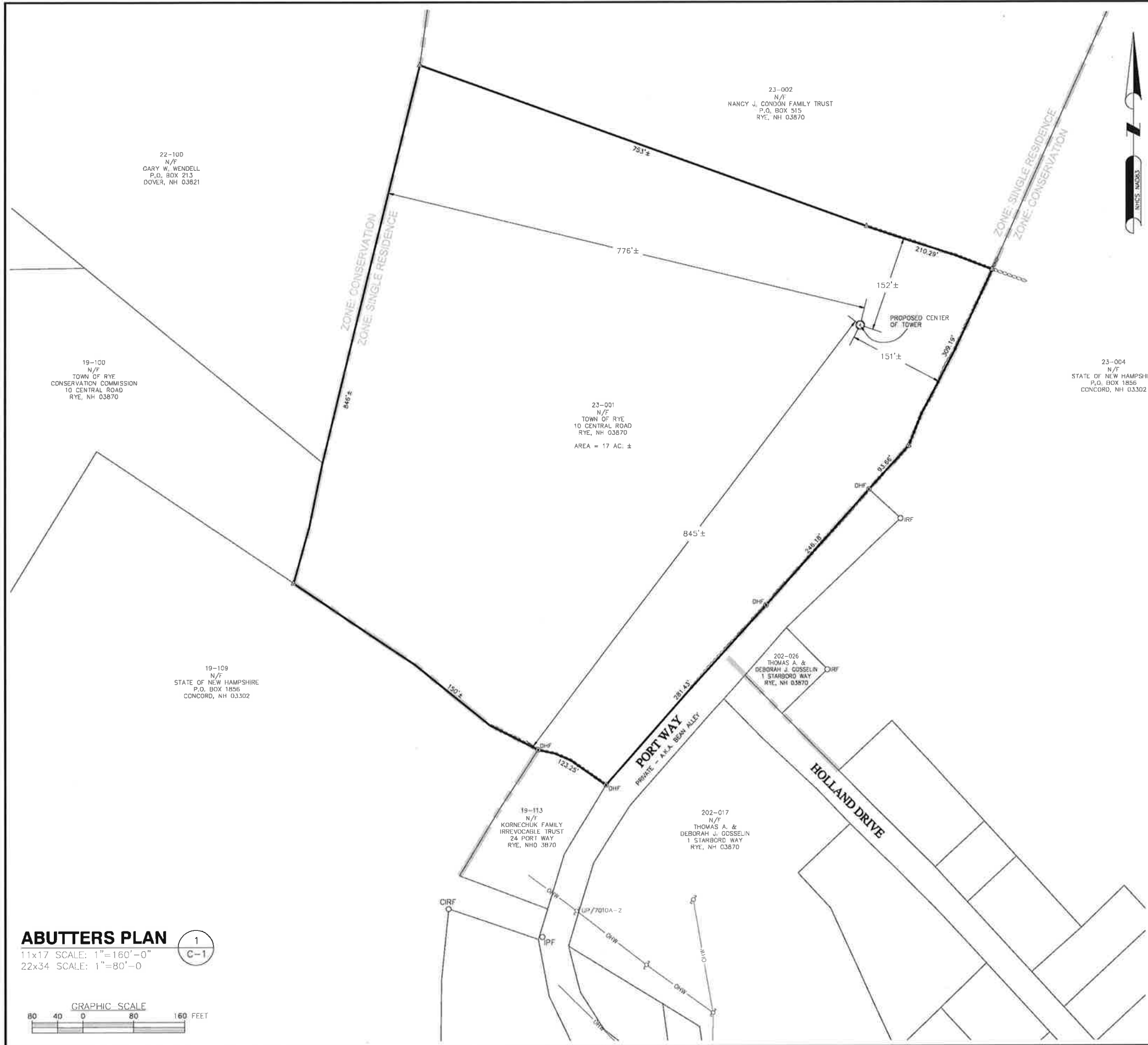
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/18	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



LEGEND

—	PROPERTY LINE - SUBJECT PARCEL
- - -	ABUTTERS PROPERTY LINE
⊘	STONE WALL
---	ZONING LINE
○	IRON ROD FOUND
⊙	DRILL HOLE FOUND
△	CALCULATED POINT
⊙	TOWER CONTROL POINT

- SITE SPECIFIC NOTES:**
- FIELD SURVEY DATE: 04-24-2019
 - HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
 - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 - OWNER: TOWN OF RYE, 10 CENTRAL ROAD, RYE, NH 03870
 - SITE NAME: RYE POINT NH
 - SITE ADDRESS: PORT WAY, RYE, NH 03870
 - APPLICANT: VERIZON WIRELESS, 400 FRIBERG PARKWAY, WESTBOROUGH, MA 01581
 - JURISDICTION: TOWN OF RYE, ROCKINGHAM COUNTY
 - TAX ID: 023-001
 - DEED REFERENCE: BOOK 5218 PAGE 1440
 - PLAN REFERENCE: PLAN #011104 "PLAT OF LAND 4, 5 & 10 PORT WAY" PREPARED BY JAMES VERRA & ASSOCIATES, INC. DATED 2/9/2016
 - THE HORIZONTAL DATUM AND VERTICAL DATUM WERE DERIVED FROM AN RTK GPS SURVEY.
 - ALL UNDERGROUND UTILITY INFORMATION PRESENTED HEREON WAS DETERMINED FROM SURFACE EVIDENCE ONLY. ALL UNDERGROUND UTILITIES SHOULD BE LOCATED IN THE FIELD PRIOR TO COMMENCEMENT OF ALL SITE WORK. CALL DIGSAFE 1-800-322-4844 A MINIMUM OF 72 HOURS PRIOR TO PLANNED ACTIVITY.
 - ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS, THE LOCUS PROPERTY IS LOCATED IN AREAS DESIGNATED AS ZONE X (UNSHADED, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AND ZONE AE (BASE FLOOD ELEVATIONS DETERMINED TO BE 9' NGVD29 = 8.2' NAVD88). THE LOCATION OF ZONE X (SHADED) PER VISUAL INTERPRETATION FLOOD MAP FALLS WITHIN THE ZONE AE AS PER GROUND ELEVATIONS. COMMUNITY PANEL NO. 33015C 0266 E EFFECTIVE DATE: 05-17-2005
 - FIELD SURVEY BY EDM TOTAL STATION.
 - THIS IS NOT A BOUNDARY SURVEY.**
 - ALL PROPERTY LINES SHOWN ARE FROM FIELD EVIDENCE, DEEDS & PLANS OF RECORD AND THE TOWN OF RYE'S TAX MAPS AND ARE APPROXIMATE ONLY.
 - WETLANDS WERE DELINEATED BY A.D. KLUMB ENVIRONMENTAL ON 04-11-2019.

ZONING INFORMATION

JURISDICTION:	TOWN OF RYE, NH	
ZONING DISTRICT TYPE:	SINGLE RESIDENCE	
DIMENSION REQUIREMENTS:	REQUIRED	PROPOSED±
MINIMUM LOT AREA:	66,000 S.F.	-
MINIMUM LOT FRONTAGE:	200'	-
FRONT YARD SETBACK:	40'	-
SIDE YARD SETBACK:	20'	-
REAR YARD SETBACK:	30'	-
MAX. BUILDING HEIGHT:	35'	-

PREPARED FOR:

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

48 BEECHWOOD DRIVE TEL: (978) 557-5553
N. ANDOVER, MA 01845 FAX: (978) 336-5566

NORTHEAST SURVEY CONSULTANTS

116 Pleasant St. Ste. 302
P.O. Box 100
Easthampton, MA 01027
(413) 203-5144
northeastsurvey.com

CHECKED BY: BCF

APPROVED BY: DFS

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
1	1/6/20	ADDED CANOPY ELEVATIONS	BCF
0	8/28/19	ISSUED FOR REVIEW	BCF

SITE NAME:
RYE POINT NH

SITE ADDRESS:
PORT WAY
RYE, NH 03870

SHEET TITLE
ABUTTERS PLAN

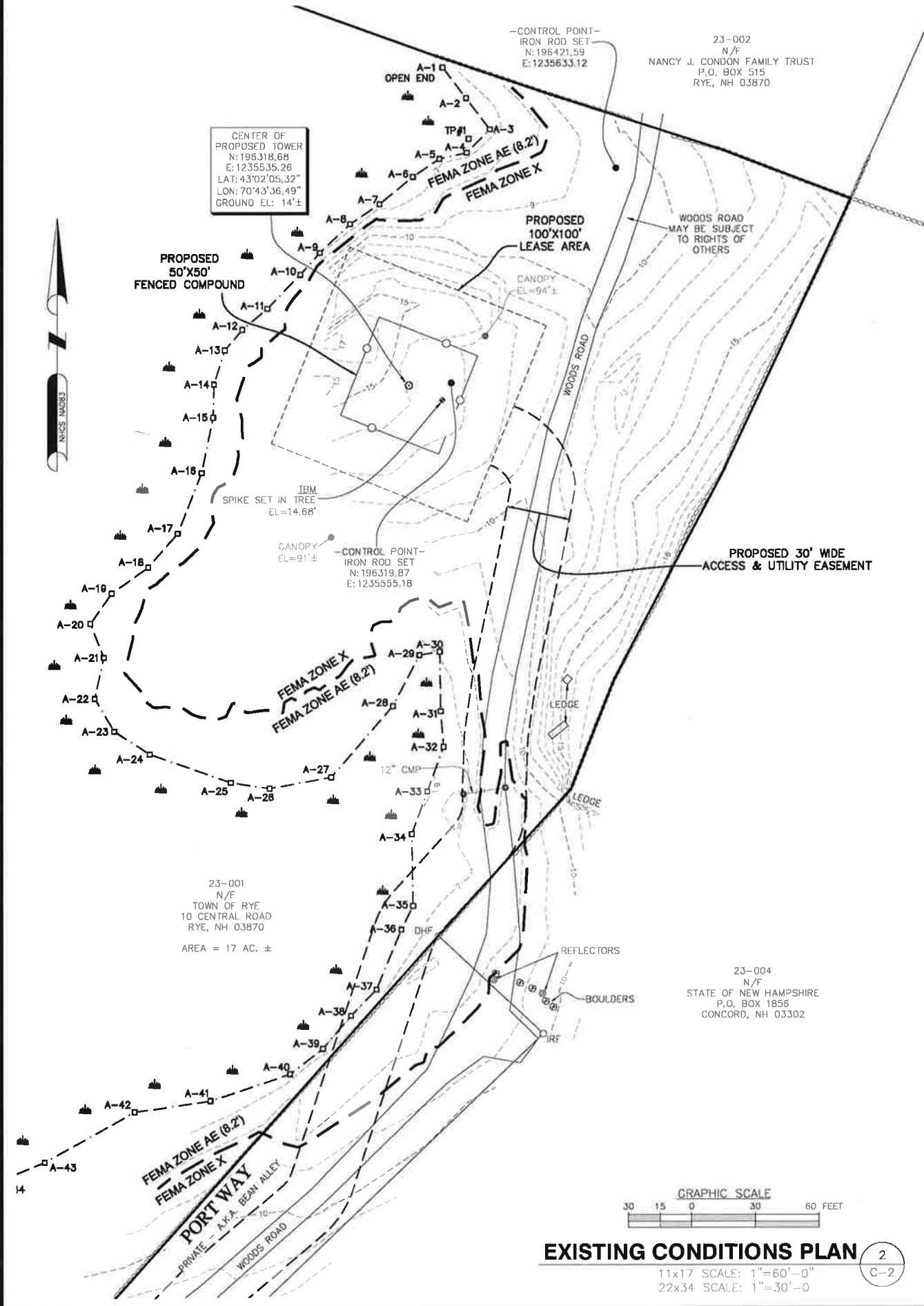
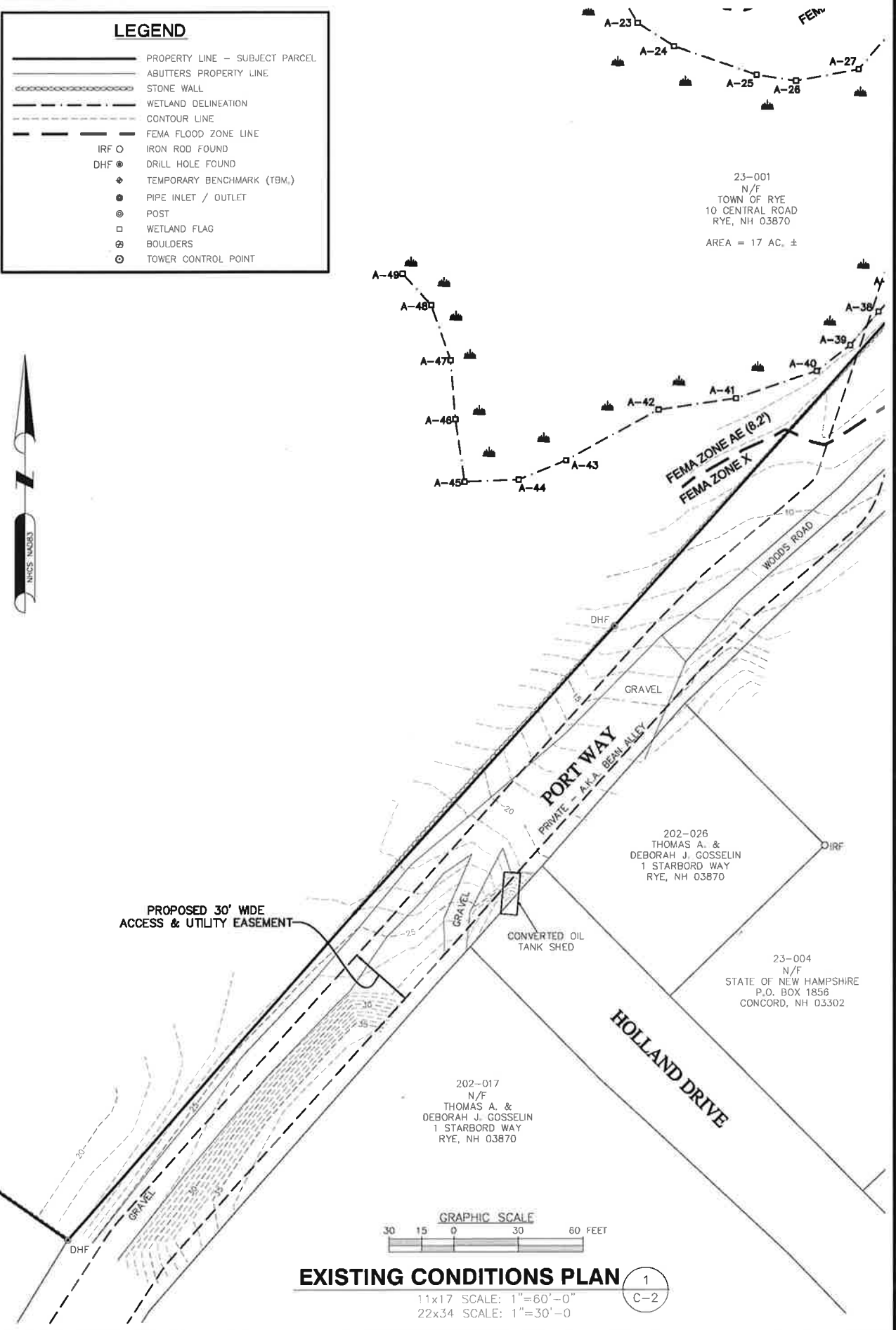
SHEET NUMBER
C-1

ABUTTERS PLAN

11x17 SCALE: 1"=160'-0"
22x34 SCALE: 1"=80'-0"

GRAPHIC SCALE
80 40 0 80 160 FEET

1
C-1



PREPARED FOR:

verizon

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

H2G
HUDSON
Design Group LLC

45 BECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5584

NORTHEAST SURVEY
CONSULTANTS

116 Pleasant St. Ste. 302
P.O. Box 109
Easthampton, MA 01027
(413) 203-5144
northeastsurvey.com

CHECKED BY: BCF

APPROVED BY: DFS

SUBMITTALS

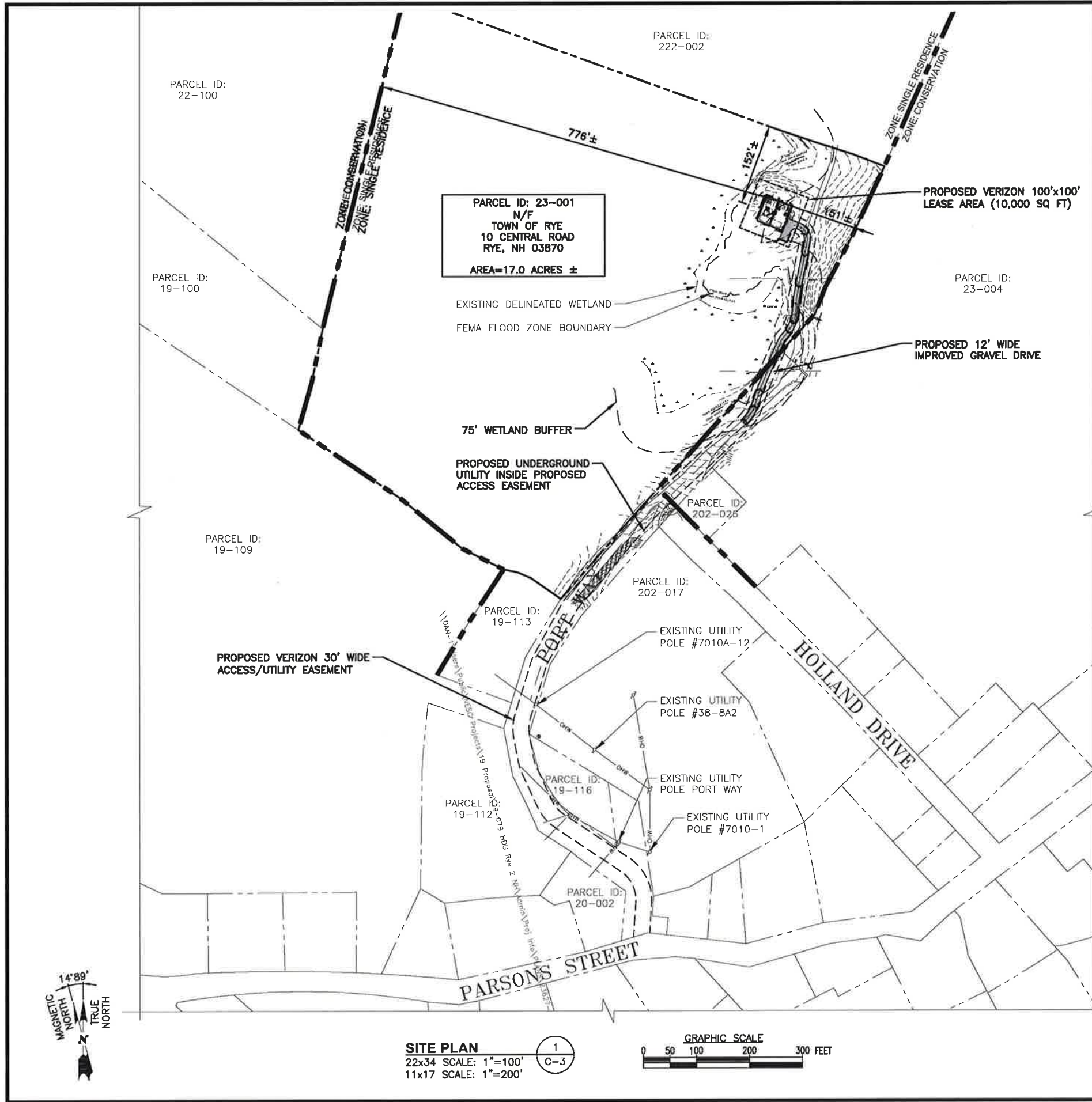
REV.	DATE	DESCRIPTION	BY
1	1/6/20	ADDED CANOPY ELEVATIONS	BCF
0	8/28/19	ISSUED FOR REVIEW	BCF

SITE NAME:
RYE POINT NH

SITE ADDRESS:
PORT WAY
RYE, NH 03870

SHEET TITLE
EXISTING CONDITIONS

SHEET NUMBER
C-2



FOR ZONING

PREPARED FOR:

verizon

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

at&t

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HDG
HUDSON
Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5386



CHECKED BY: JX

APPROVED BY: DPH

SOURCE:

ABUTTERS PLAN & EXISTING CONDITIONS BY NORTHEAST SURVEY CONSULTANTS, DATED: 07/22/19

- SITE SPECIFIC NOTES:**
1. VERIFY AZIMUTHS W/ RF ENGINEER.
 2. PROPERTY LINE INFORMATION IS COMPILED FROM ASSESSORS PLAN AND RECORD DOCUMENTS AND IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY, AND IS SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. A FULL BOUNDARY SURVEY WAS NOT PERFORMED.
 3. AUDRA L. KLUMB, NH CERTIFIED WETLAND SCIENTIST #222 OF A&D KLUMB ENVIRONMENTAL, LLC, WEBSTER, NH, PERFORMED THE WETLAND MAPPING FOR THIS SITE ON APRIL 11, 2019 ACCORDING TO THE TECHNICAL CRITERIA OF THE US ARMY CORPS OF ENGINEERS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987), THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0 (JANUARY 2012), AND NH STATUTE RSA482-A:2 X.

ZONES:

	SINGLE RESIDENCE
	CONSERVATION

LEGEND:

	SUBJECT PROPERTY LINE
	ABUTTING PROPERTY LINE
	ACCESS DRIVE/EASEMENT
	ZONING DISTRICT BOUNDARY LINE
	EXISTING BUILDING
XXX-XXX-XXX	PARCEL ID

ZONING INFORMATION:

JURISDICTION:	TOWN OF RYE	
ZONING DISTRICT TYPE:	SINGLE RESIDENCE	
DIMENSION REQUIREMENTS:	REQUIRED	PROPOSED
FRONT YARD SETBACK:	40'	151'±
SIDE YARD SETBACK:	20'	152'±
REAR YARD SETBACK:	30'	776'±
MAXIMUM BUILDING HEIGHT:	35'	-

(ALL MEASUREMENTS ARE IN FEET ± UNLESS OTHERWISE NOTED)

SUBMITTALS

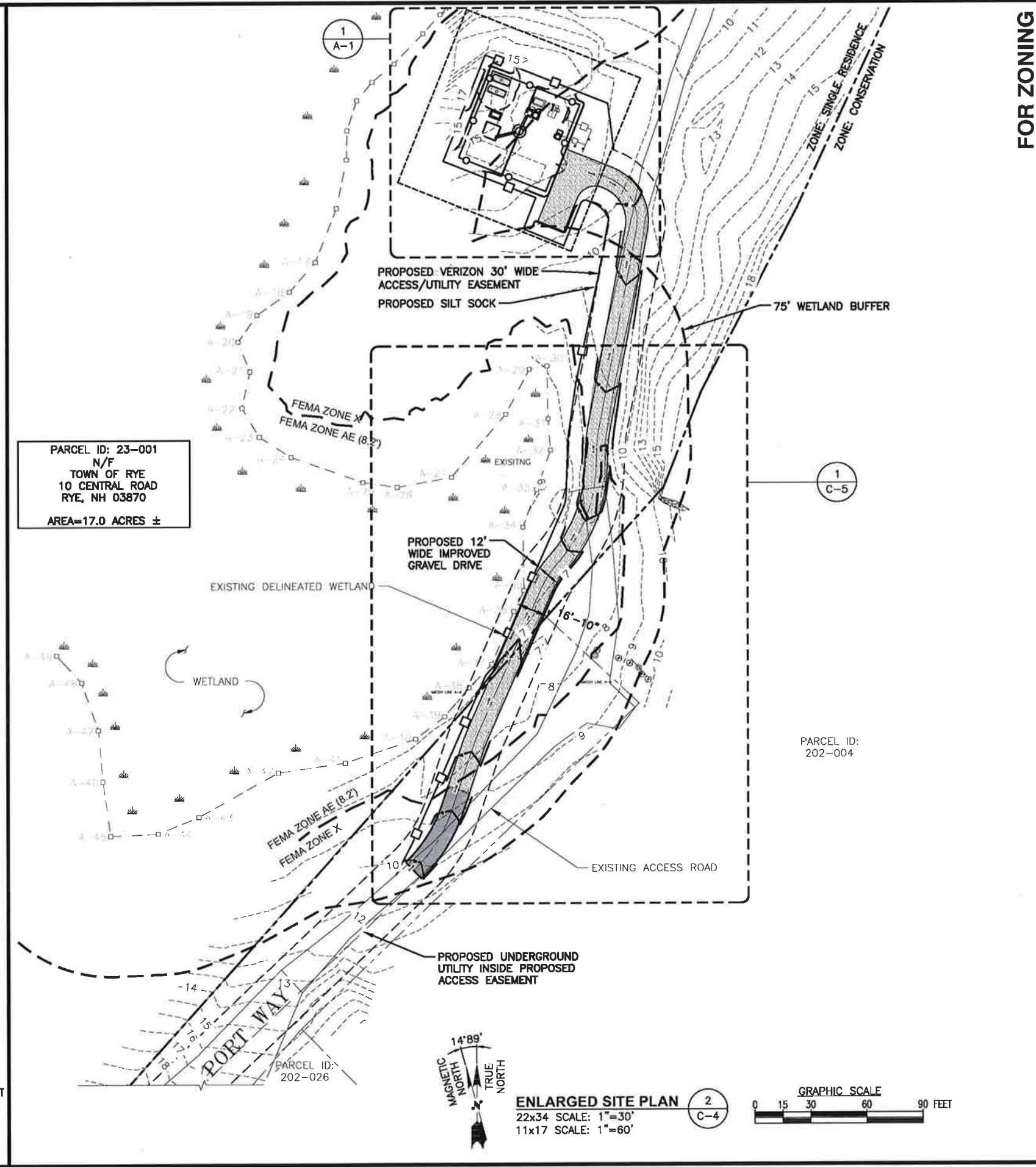
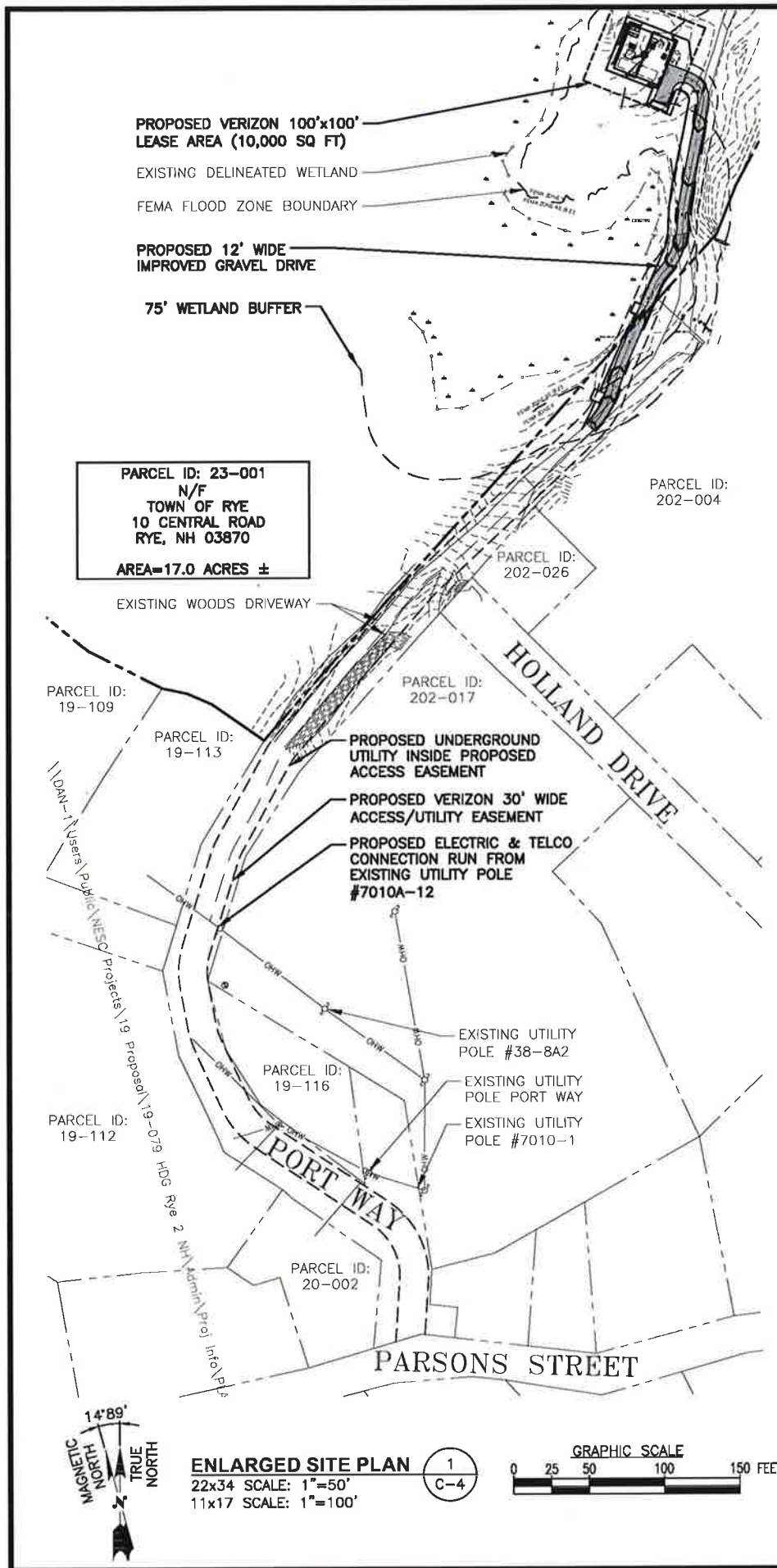
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
SITE PLAN

SHEET NUMBER
C-3



FOR ZONING

PREPARED FOR:

verizon

118 FLANDERS ROAD
 WESTBOROUGH, MA 01581

at&t

500 COCHITUATE ROAD
 FRAMINGHAM, MA 01701

HG
HUDSON
 Design Group LLC

45 BEECHWOOD DRIVE
 N. ANDOVER, MA 01845

TEL: (978) 557-5553
 FAX: (978) 336-5586

STATE OF NEW HAMPSHIRE
 DANIEL P. FRAMM
 1013
 LICENSED PROFESSIONAL ENGINEER

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/06/20	ADDED FUTURE CARRIER SPACE SLY	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
 RYE 2 NH

SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

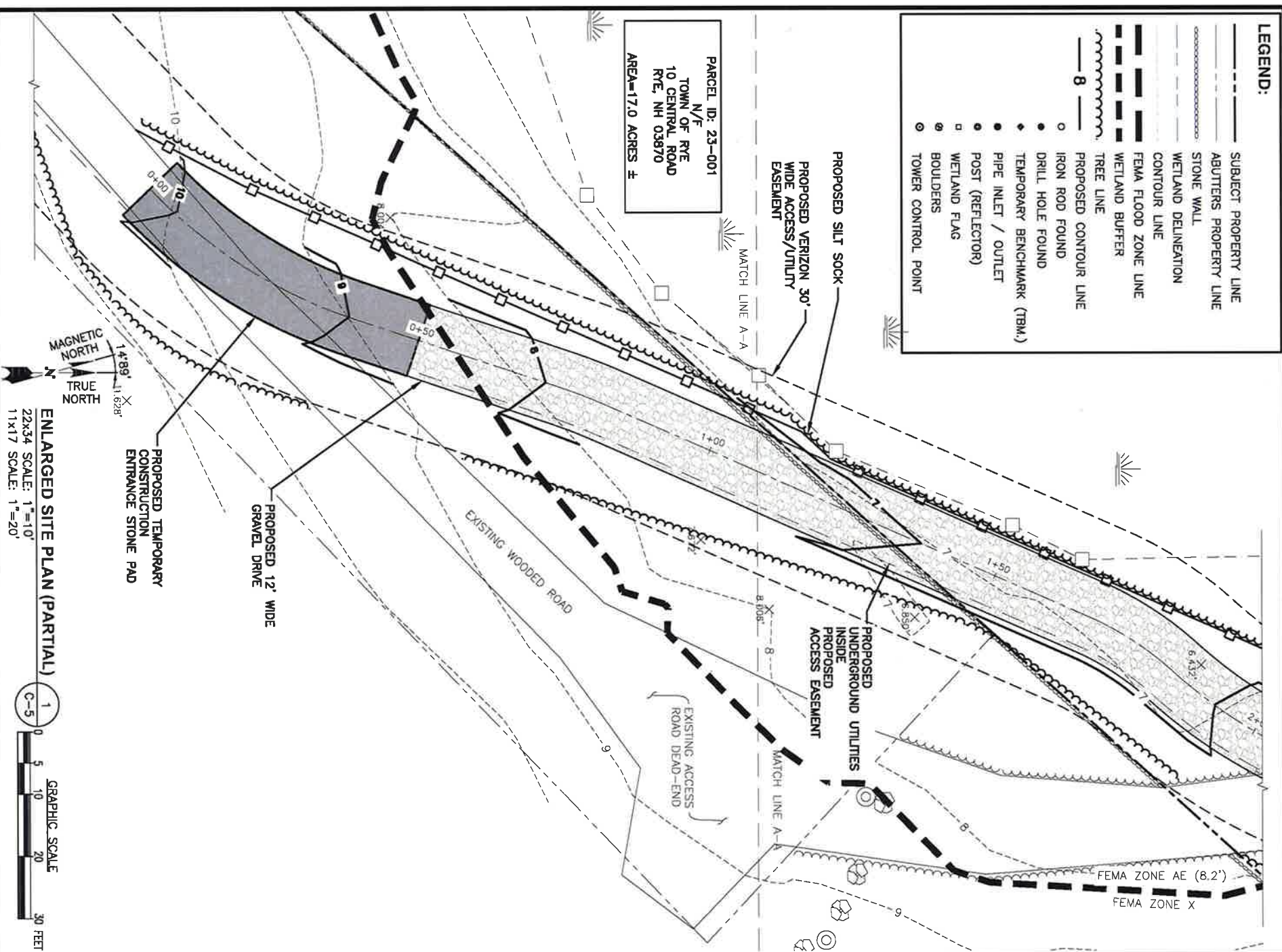
SHEET TITLE
 ENLARGED
 SITE PLAN

SHEET NUMBER
C-4

LEGEND:

- SUBJECT PROPERTY LINE
- ABUTTERS PROPERTY LINE
- STONE WALL
- WETLAND DELINEATION
- CONTOUR LINE
- FEMA FLOOD ZONE LINE
- WETLAND BUFFER
- TREE LINE
- PROPOSED CONTOUR LINE
- IRON ROD FOUND
- DRILL HOLE FOUND
- TEMPORARY BENCHMARK (TBM)
- PIPE INLET / OUTLET
- POST (REFLECTOR)
- WETLAND FLAG
- BOULDERS
- TOWER CONTROL POINT

PARCEL ID: 23-001
 N/F
 TOWN OF RYE
 10 CENTRAL ROAD
 RYE, NH 03870
 AREA=17.0 ACRES ±



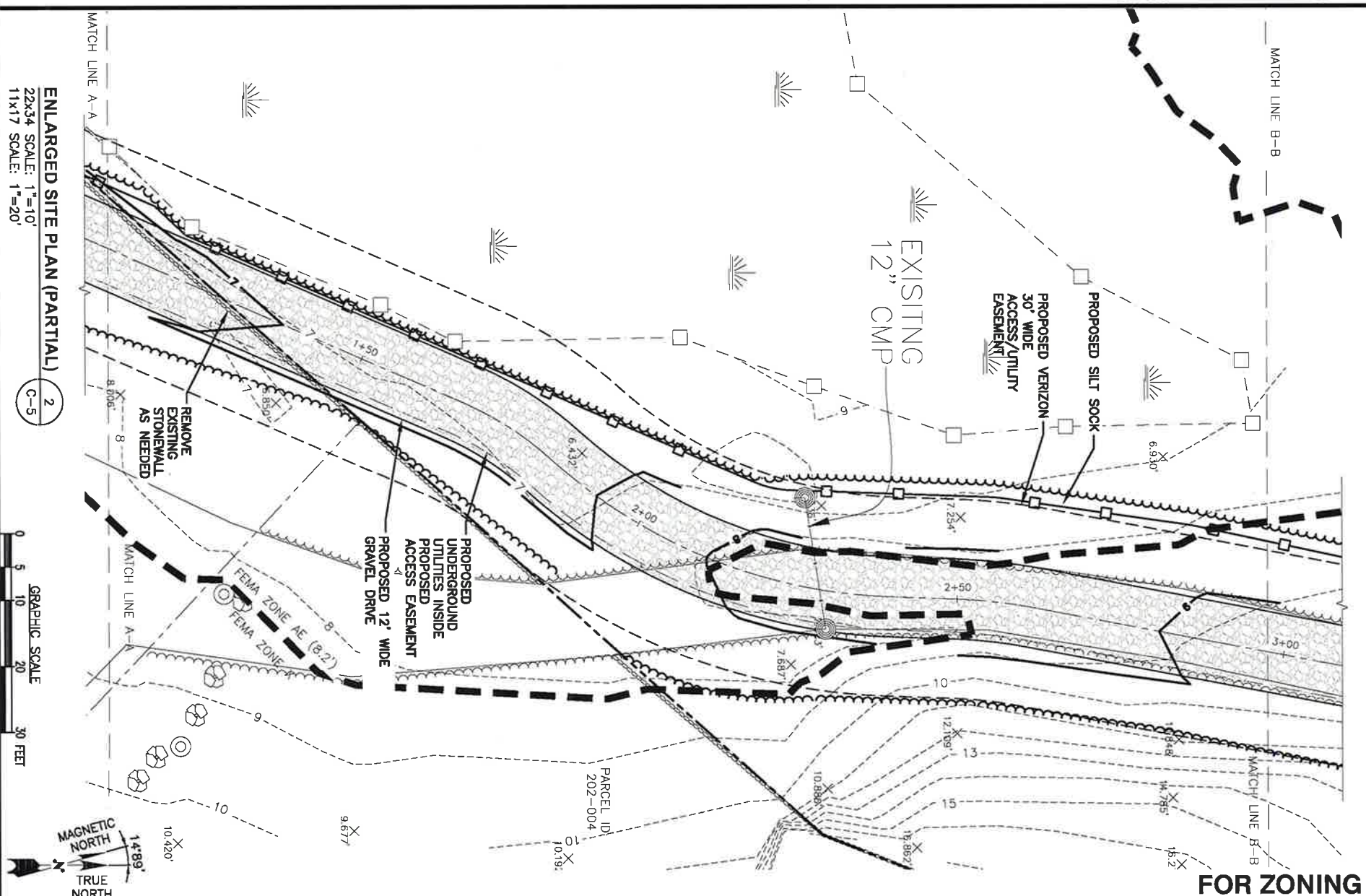
ENLARGED SITE PLAN (PARTIAL)

22x34 SCALE: 1"=10'
 11x17 SCALE: 1"=20'

GRAPHIC SCALE

0 5 10 20 30 FEET

1 C-5



ENLARGED SITE PLAN (PARTIAL)

22x34 SCALE: 1"=10'
 11x17 SCALE: 1"=20'

GRAPHIC SCALE

0 5 10 20 30 FEET

2 C-5

FOR ZONING

PREPARED FOR:

verizon

118 FANDER ROAD
 WESTBOROUGH, MA 01581

at&t

500 COCCHITUAET ROAD
 FRAMMINGHAM, MA 01701

HGD
HUDSON
 Design Group LLC

45 BEECHWOOD DRIVE
 N ANDOVER, MA 01845

TEL: (978) 557-5533
 FAX: (978) 326-9586

STATE OF NEW HAMPSHIRE
 OFFICE OF THE REGISTER OF DEEDS
 REGISTERED PROFESSIONAL ENGINEER
 0113
 DANIEL P. HAYES

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/06/20	ADDED FUTURE CARRIER SPACE SVY	SVY
2	01/22/20	REVISION PER COMMENTS	SVY
1	11/11/19	PROPOSED GROSSED SCALE	OS
0	09/20/19	FOR ZONING	RL

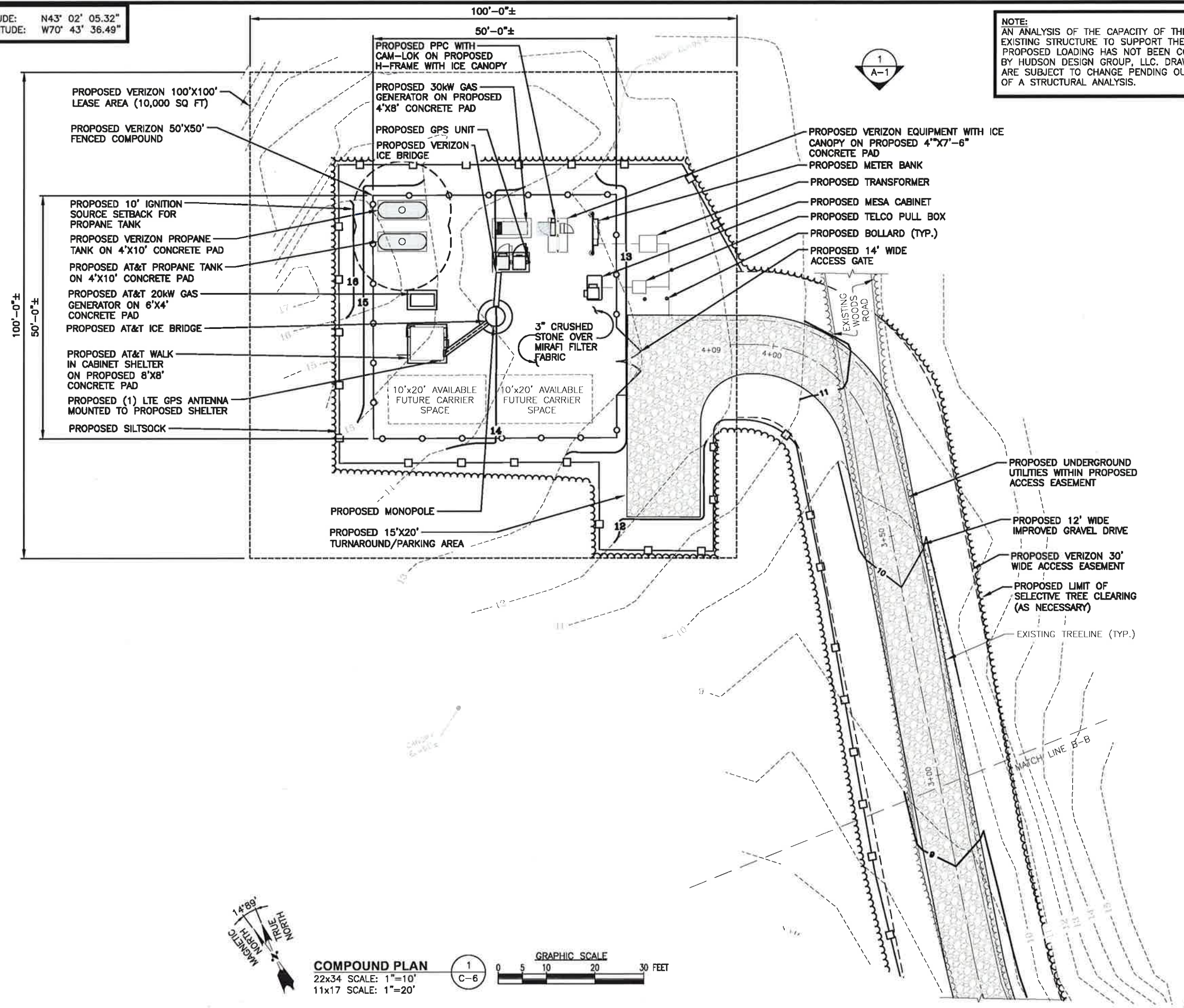
SITE NAME:
 RYE 2 NH

SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

SHEET TITLE
 ENLARGED
 SITE PLAN

SHEET NUMBER
C-5

APPROXIMATE COORDINATES: LATITUDE: N43° 02' 05.32" LONGITUDE: W70° 43' 36.49"



NOTE:
AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC. DRAWINGS ARE SUBJECT TO CHANGE PENDING OUTCOME OF A STRUCTURAL ANALYSIS.

FOR ZONING

PREPARED FOR:
verizon
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

at&t
500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HG HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5566

STATE OF NEW HAMPSHIRE
DANIEL P. HAMMON
PROFESSIONAL ENGINEER
LICENSE NO. 013

CHECKED BY: JX

APPROVED BY: DPH

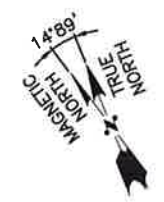
SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
COMPOUND PLAN

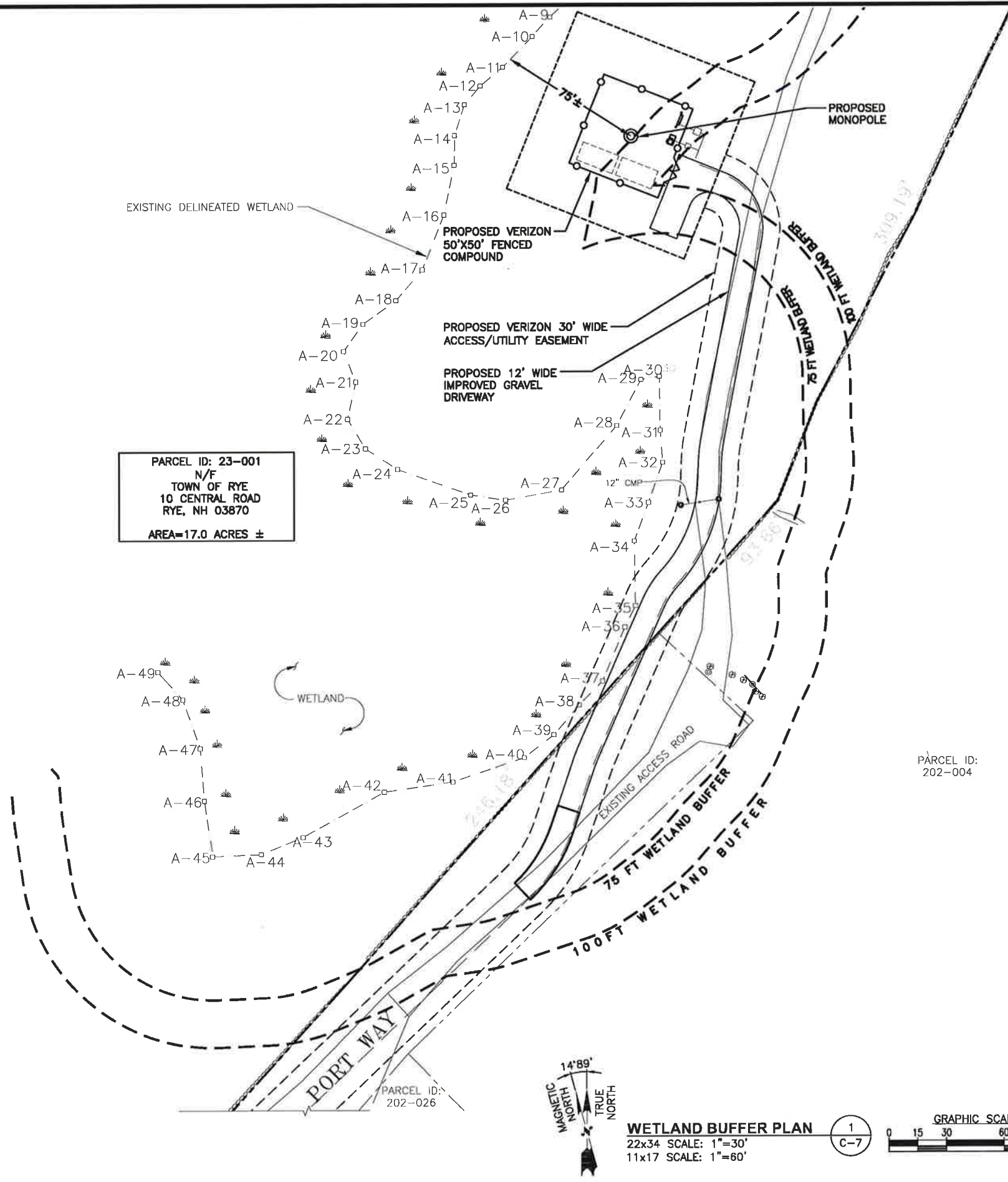
SHEET NUMBER
C-6



COMPOUND PLAN
22x34 SCALE: 1"=10'
11x17 SCALE: 1"=20'

GRAPHIC SCALE
0 5 10 20 30 FEET

FOR ZONING



PARCEL ID: 23-001
 N/F
 TOWN OF RYE
 10 CENTRAL ROAD
 RYE, NH 03870
 AREA=17.0 ACRES ±

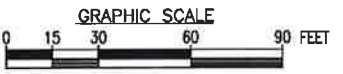
PARCEL ID:
 202-004

PARCEL ID:
 202-026



WETLAND BUFFER PLAN
 22x34 SCALE: 1"=30'
 11x17 SCALE: 1"=60'

1
 C-7



PREPARED FOR:
verizon
 118 FLANDERS ROAD
 WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
 FRAMINGHAM, MA 01701

45 BEECHWOOD DRIVE
 N. ANDOVER, MA 01845
 TEL: (978) 557-5553
 FAX: (978) 336-5386

CHECKED BY: JX

APPROVED BY: DPH

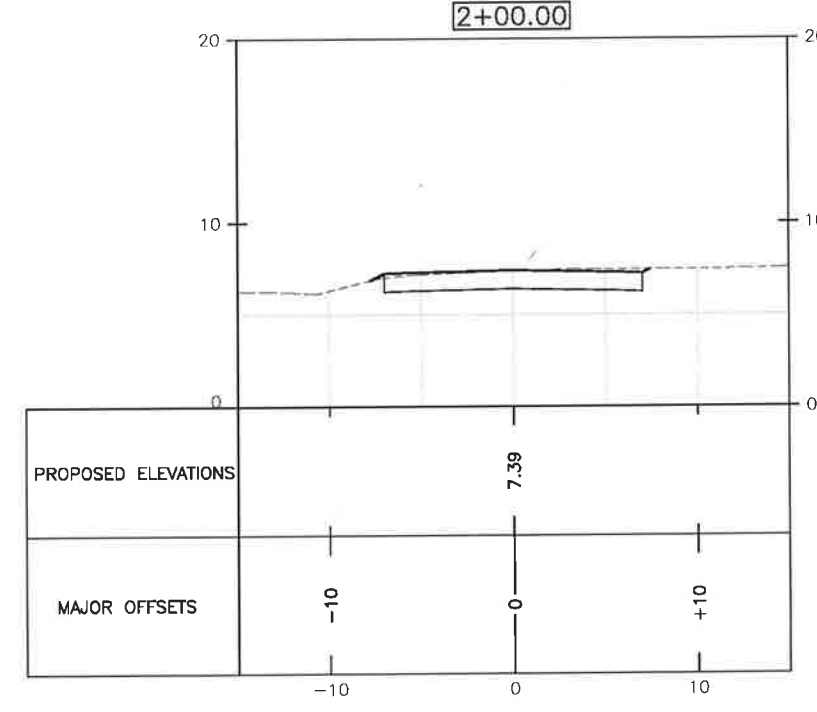
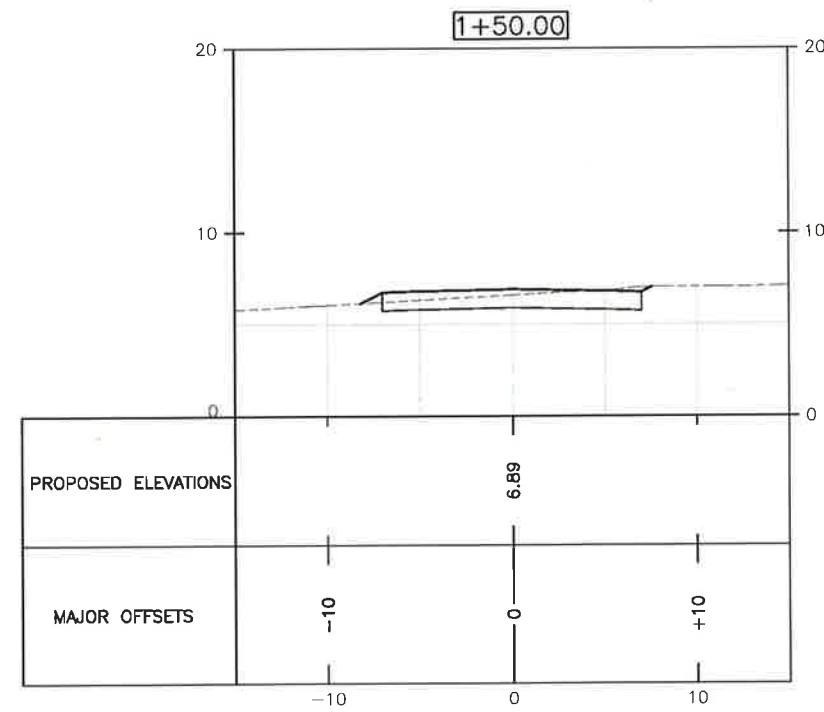
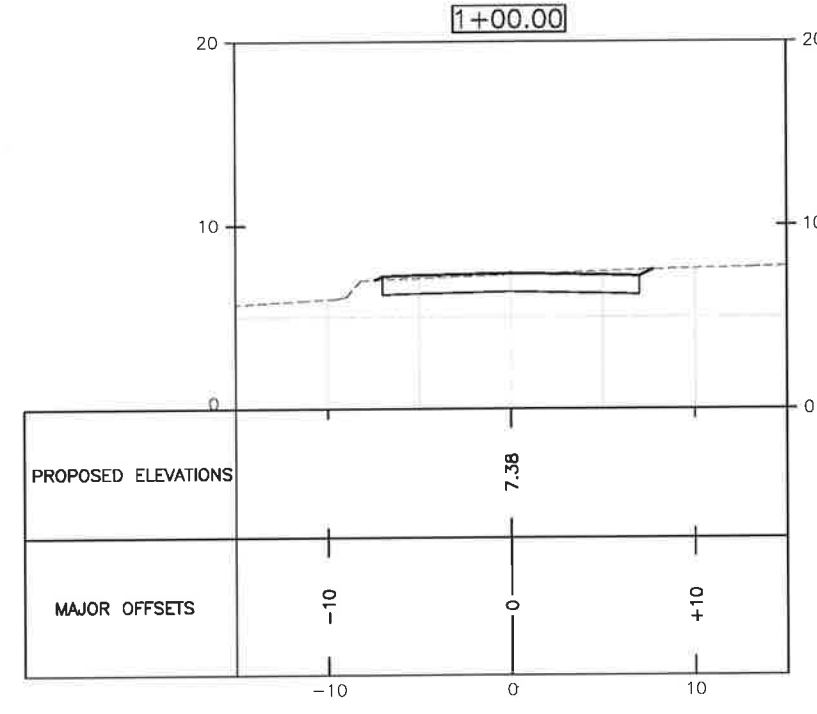
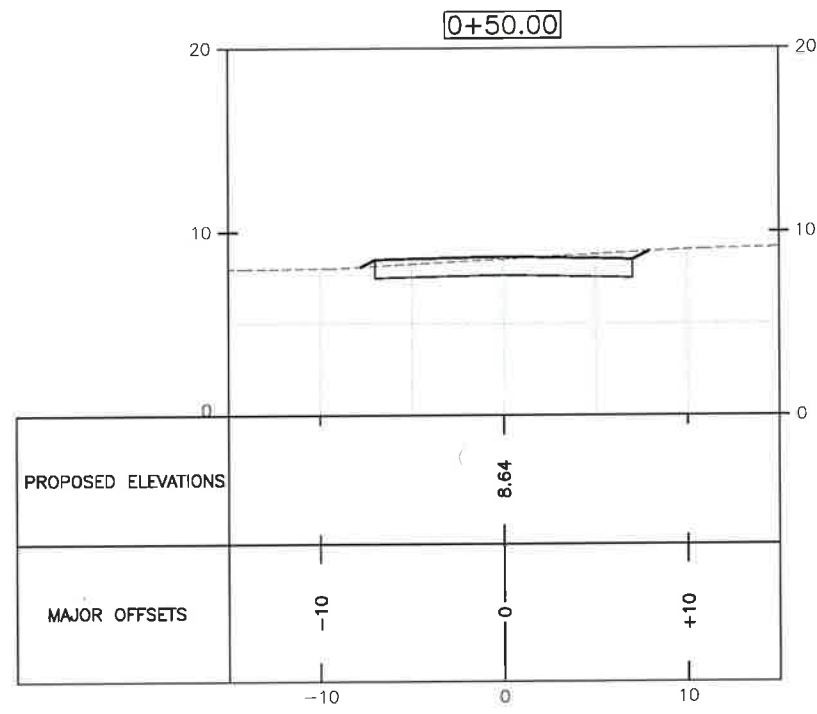
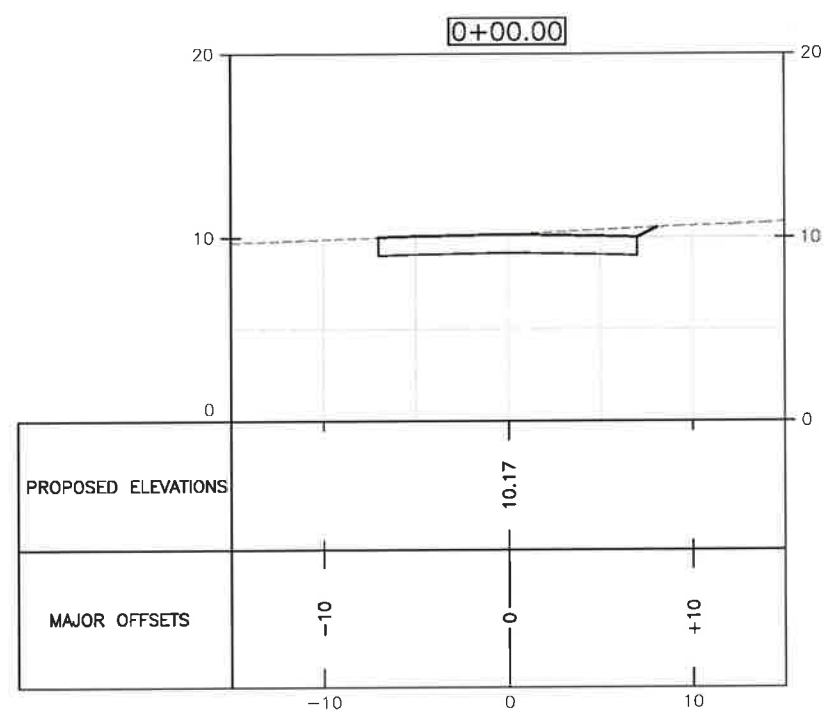
SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSSED SWALE	GS
0	08/30/19	FOR ZONING	RL

SITE NAME:
 RYE 2 NH

SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

SHEET TITLE
 WETLAND
 BUFFER PLAN

SHEET NUMBER
C-7



LEGEND	
PROPOSED DRIVEWAY	—————
EXISTING GRADE	- - - - -

FOR ZONING

PREPARED FOR:

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
3	02/06/20	ADDED FUTURE CARRIER SPACE SLY	SJY
2	01/22/20	REVISED PER COMMENTS	SJY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
DRIVEWAY SECTIONAL
PROFILES

SHEET NUMBER
C-8

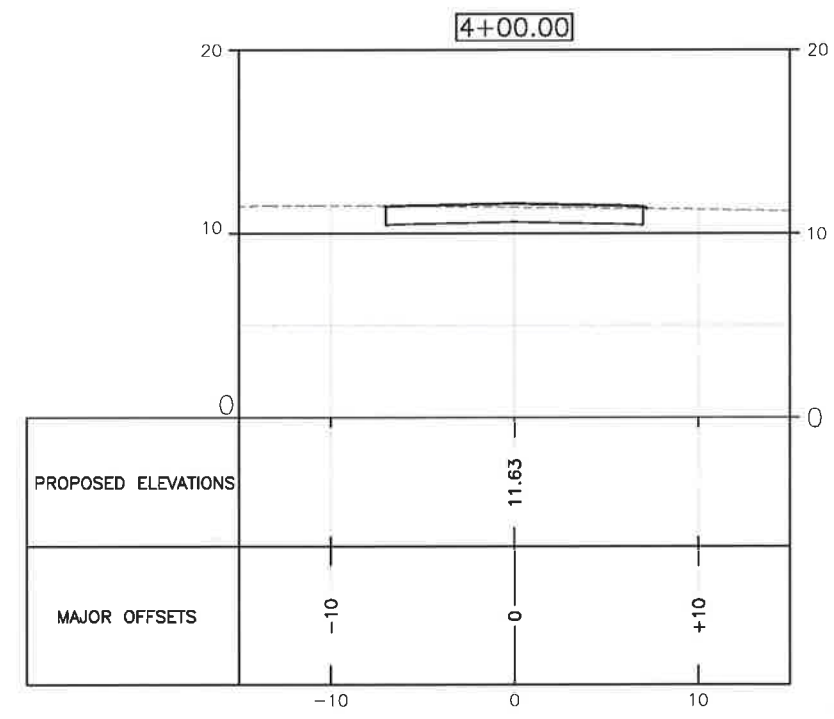
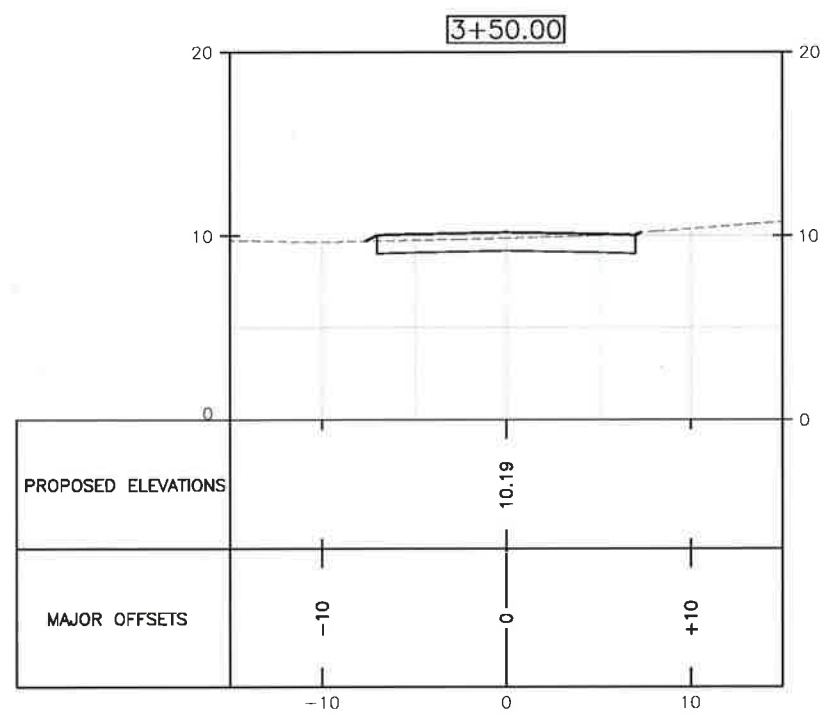
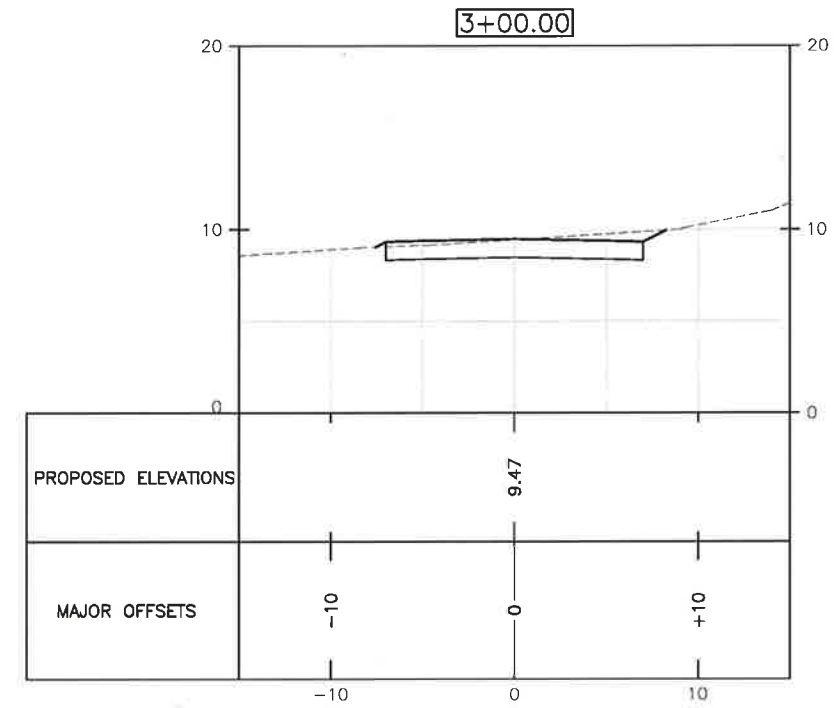
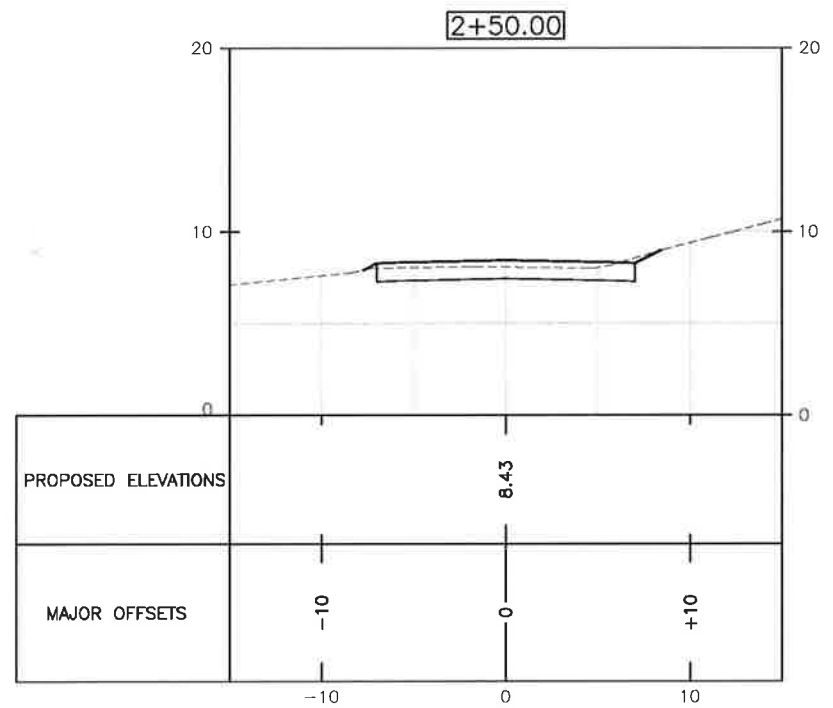
DRIVEWAY CROSS SECTIONS 1
22x34 SCALE: 1"=5'
11x17 SCALE: 1"=10'

GRAPHIC SCALE
0 2.5 5 10 15 FEET

LEGEND

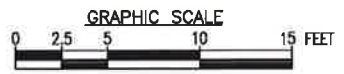
PROPOSED DRIVEWAY

EXISTING GRADE



DRIVEWAY CROSS SECTIONS
 22x34 SCALE: 1"=5'
 11x17 SCALE: 1"=10'

1
C-9



FOR ZONING

PREPARED FOR:

verizon

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HUDSON
Design Group LLC

45 BEECHWOOD DRIVE TEL: (978) 557-5553
N. ANDOVER, MA 01845 FAX: (978) 336-5586

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

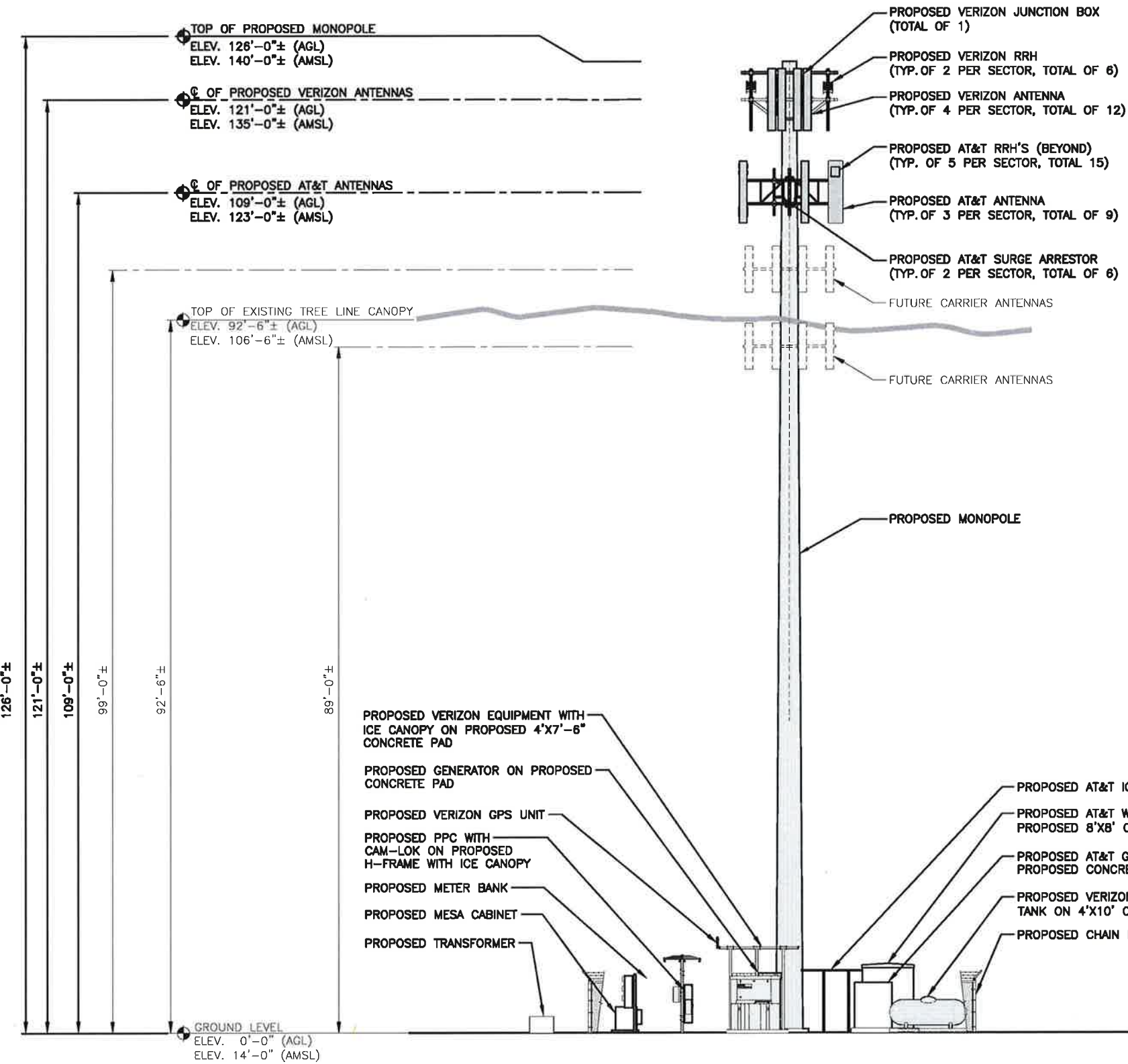
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
**DRIVEWAY SECTIONAL
PROFILES**

SHEET NUMBER
C-9



PROPOSED ANTENNA INFORMATION

SECTOR	STATUS	AZIMUTH	CABLE LENGTH
ALPHA	PROPOSED	TBD'	170'
BETA	PROPOSED	TBD'	170'
GAMMA	PROPOSED	TBD'	170'

NOTE: CABLE LENGTH = EXACT LENGTH PLUS 25'. CONTRACTOR TO VERIFY CABLE LENGTH PRIOR TO ORDERING.

APPROXIMATE COORDINATES: LATITUDE: N43° 02' 05.32" LONGITUDE: W70° 43' 36.49"

NOTE: AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC. DRAWINGS ARE SUBJECT TO CHANGE PENDING OUTCOME OF A STRUCTURAL ANALYSIS.

- NOTE:
1. PROPOSED NEW TOWER AND FOUNDATION DESIGN BY OTHERS
 2. VERIFY AZIMUTHS W/ RF ENGINEER.

FOR ZONING

PREPARED FOR:

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
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0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
ELEVATION

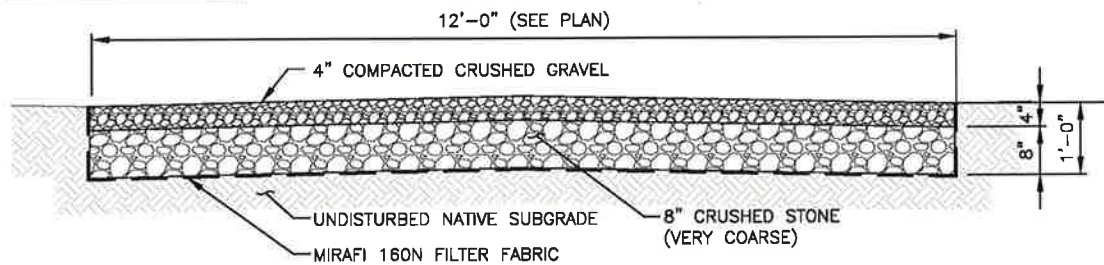
SHEET NUMBER
A-1

ELEVATION
22x34 SCALE: 1/8"=1'-0"
11x17 SCALE: 1/16"=1'-0"

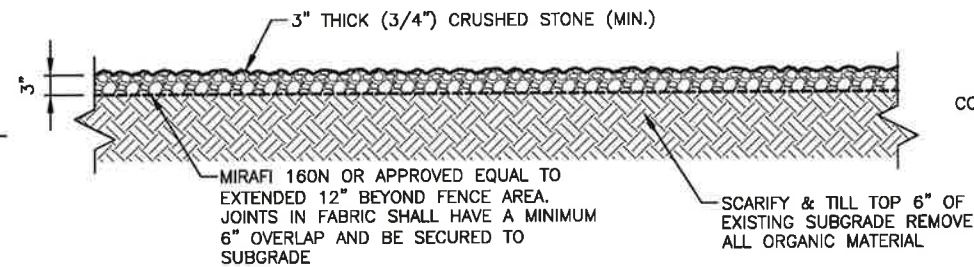
GRAPHIC SCALE
0 4 8 16 24 FEET

ITEM NO.	304.3	304.6
SURFACE LAYERS	UPPER SURFACE	BASE COARSE (LOWER)
ITEM	CRUSHED GRAVEL	CRUSHED STONE (VERY COARSE)
SIEVE SIZE		
6 INCH	----	100
5 INCH	----	----
4 INCH	----	----
3 1/2 INCH	----	----
3 INCH	100	60-90
2 1/2 INCH	----	----
2 INCH	95 - 100	----
1 1/2 INCH	----	45-75
1 INCH	55 - 85	----
3/4 INCH	----	35-65
#4	27 - 52	15-40
# 200 (IN SAND PORTION)*	0 - 12	----
# 200 (IN TOTAL SAMPLE)	----	0-5

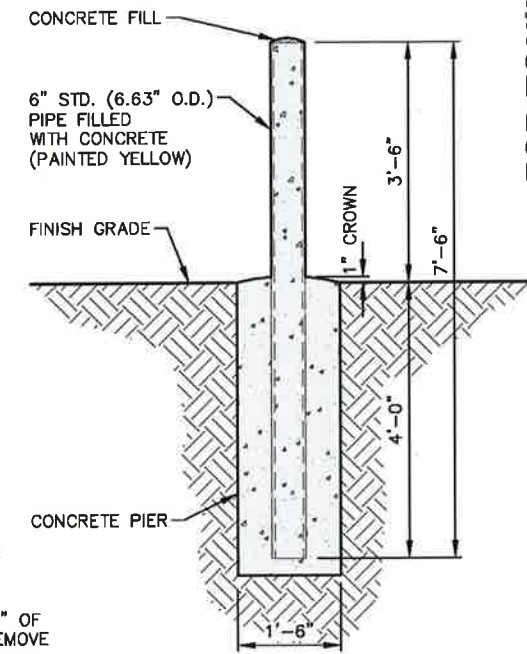
NOTE:
PROPOSED IMPROVED DRIVEWAY MATERIALS SHALL CONFORM TO NHDOT STANDARD SPECIFICATIONS (2016)



GRAVEL ACCESS DRIVE 1
SCALE: N.T.S. A-2



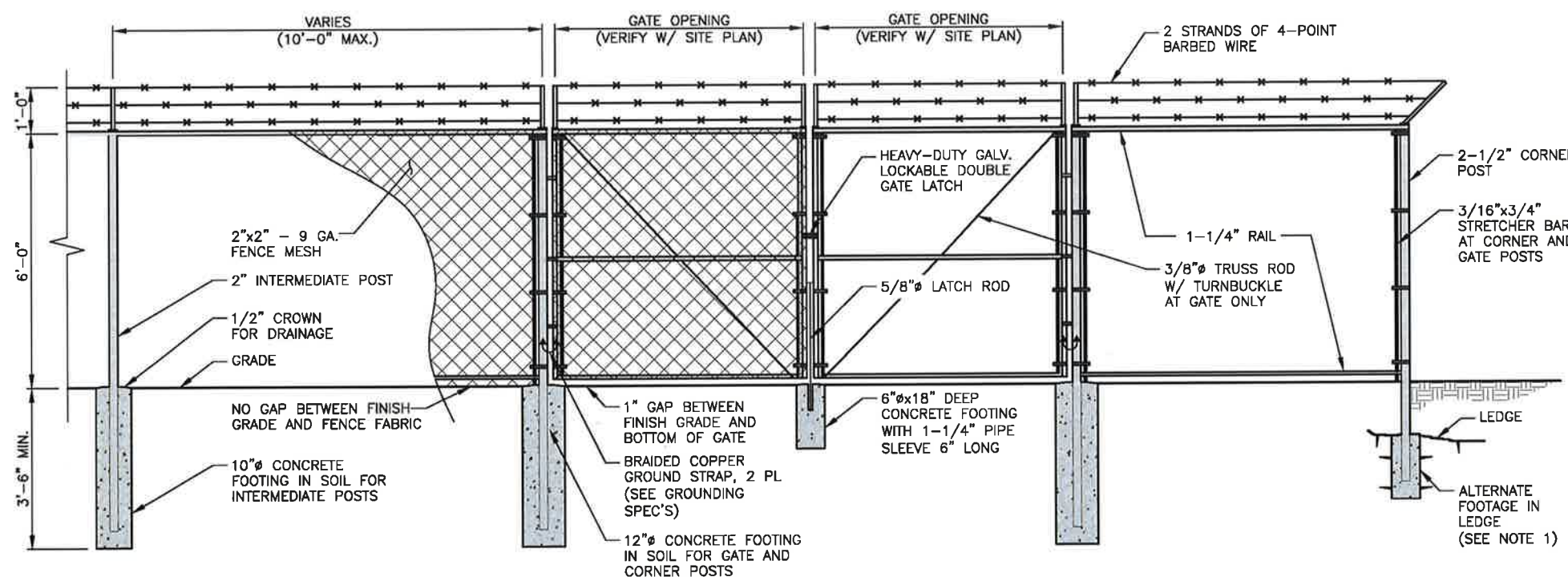
COMPOUND COVERING DETAIL 2
SCALE: N.T.S. A-2



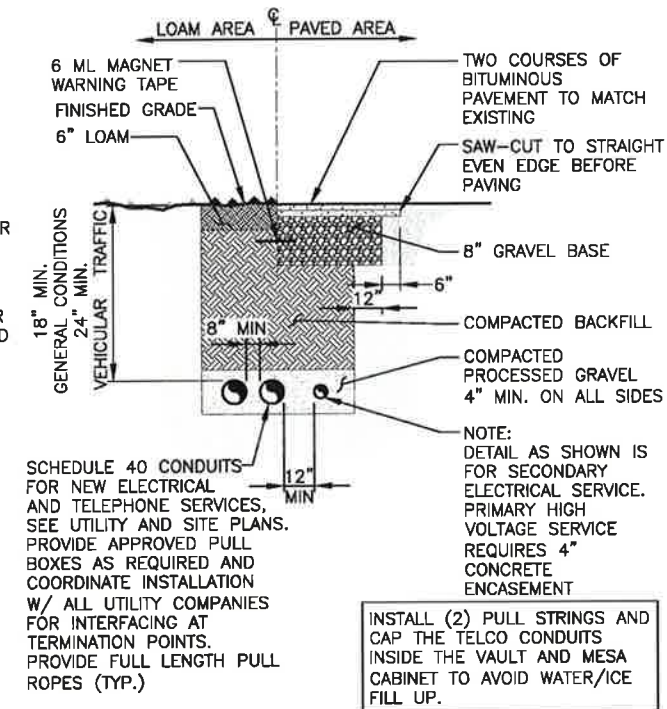
CONCRETE FILLED BOLLARD 3
22x34 SCALE: N.T.S. A-2

FENCE NOTES

- ALTERNATE FOOTINGS FOR ALL FENCE POSTS IN LEDGE: IF LEDGE IS ENCOUNTERED AT GRADE, OR AT A DEPTH SHALLOWER THAN 3'-6", CORE DRILL AN 8" DIA HOLE 18" INTO THE LEDGE. CENTER POST IN THE HOLE AND FILL WITH CONCRETE OR GROUT. IF LEDGE IS BELOW FINISH GRADE, COAT BACKFILLED SECTION OF POST WITH COAL TAR, AND BACKFILL WITH WELL-DRAINING GRAVEL.
- ATTACH EACH GATE WITH 1-1/2 PAIR OF NON-LIFT-OFF TYPE, MALLEABLE IRON OR FORGING, PIN-TYPE HINGES. ASSEMBLIES SHALL ALLOW FOR 180° OF GATE TRAVEL.



CHAINLINK FENCE DETAIL 4
SCALE: N.T.S. A-2



SCHEDULE 40 CONDUITS FOR NEW ELECTRICAL AND TELEPHONE SERVICES. SEE UTILITY AND SITE PLANS. PROVIDE APPROVED PULL BOXES AS REQUIRED AND COORDINATE INSTALLATION W/ ALL UTILITY COMPANIES FOR INTERFACING AT TERMINATION POINTS. PROVIDE FULL LENGTH PULL ROPES (TYP.)

INSTALL (2) PULL STRINGS AND CAP THE TELCO CONDUITS INSIDE THE VAULT AND MESA CABINET TO AVOID WATER/ICE FILL UP.

BURIED CONDUIT DETAIL 5
SCALE: N.T.S. A-2

FOR ZONING

PREPARED FOR:
verizon
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

at&t
500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HG HUDSON
Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 334-5586

STATE OF NEW HAMPSHIRE
DANIEL P. HAYMAN
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12/31/2023

CHECKED BY: JX
APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/06/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED CRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
DETAILS

SHEET NUMBER
A-2

EROSION CONTROL

CONSTRUCTION SEQUENCE

1. NOTIFY THE TOWN INLAND WETLANDS AGENT AT LEAST ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING.
2. COMPLETE A "CALL BEFORE YOU DIG" PRIOR TO ANY ON SITE ACTIVITY. RECALL EVERY 30 DAYS.
3. INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED.
4. CUT AND STUMP AREAS OF PROPOSED CONSTRUCTION.
5. WOOD CHIPS GENERATED FROM CLEARING ACTIVITIES MAY BE USED AS A TEMPORARY STABILIZATION MEASURE IN ADDITION TO SILT FENCING & HAY BALES.
6. INSTALL HAY BALES TO "BACK UP" SILTATION FENCE ALONG DOWNGRAIDENT WETLANDS & RIVER BOUNDARIES.
7. EXCAVATE 3-INCH LAYER OF TOP SOIL/ORGANICS FROM WITHIN COMPOUND.
8. STOCKPILE EXCAVATED SOILS AS FAR AS POSSIBLE FROM ENVIRONMENTALLY SENSITIVE AREAS.
9. REMOVE ASPHALT TO LIMITS SHOWN ON PLAN.
10. EXCAVATE FOR ANY SUBSURFACE UTILITIES.
11. ESTABLISH SEDIMENT AND EROSION CONTROLS AROUND ANY STOCKPILE SOILS.
12. INSTALL UTILITY SERVICES.
13. INSTALL HAY BALE PROTECTION AT STORM DRAINAGE INLETS (AS APPLICABLE).
14. DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, REPAIR TEMPORARY SILT FENCES AND SEDIMENT TRAPS.
15. EXCAVATE FOR AND CONSTRUCT TOWER FOUNDATION AND CEMENT CONCRETE PADS
16. NO STORM FLOW SHALL BE ALLOWED TO ANY WETLANDS OR RIVERWAY.
17. INSTALL WEED CHECK FABRIC ON DRY, LEVEL SOIL.
18. COVER WEED CHECK FABRIC WITH 3-INCH LAYER OF WASHED GRAVEL (WITHIN COMPOUND)

IMPACT OF STORMWATER DURING CONSTRUCTION ACTIVITY

ALL SEDIMENT CONTROLS, INCLUDING SILTATION FENCES AND HAY BALES MUST BE INSPECTED WEEKLY OR IMMEDIATELY AFTER A STORMWATER RUNOFF GENERATING EVENT. ALL SEDIMENT CONTROLS MUST BE MAINTAINED IN AN EFFECTIVE CONDITION.

IN THE EVENT THAT STORMWATER WITH SEDIMENT IS FLOWING ONTO SURROUNDING PAVEMENT, FOLLOWING MUST BE PERFORMED:

1. ADDITIONAL MEASURES MUST BE TAKEN DURING TIMES OF RAIN OR FLOW. THESE INCLUDE THE CESSATION OF ALL CONSTRUCTION ACTIVITY AT TIMES OF "HEAVY RAIN" OR "SIGNIFICANT FLOW" WHICH HAVE THE POTENTIAL TO CAUSE SOIL TRANSPORT.

CONSTRUCTION SPECIFICATION - SILT FENCE:

1. THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
2. THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
3. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.
4. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MID-SECTION AND BOTTOM.
5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED.
6. FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
7. MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BULGES IN THE SILT FENCE DUE TO DEPOSITION OF SEDIMENT.

MAINTENANCE - SILT FENCE

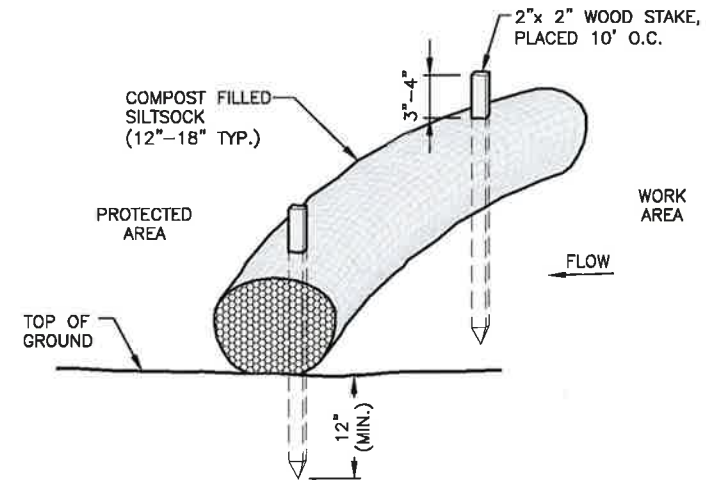
1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACHED APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.
5. REMOVE ALL SEDIMENTATION CONTROLS AFTER SOIL IS STABILIZED.

EROSION CONTROL MEASURES:

1. DISTURBED AREAS SHALL BE KEPT TO THE MINIMUM AREA NECESSARY TO CONSTRUCT THE ROADWAYS AND ASSOCIATED DRAINAGE FACILITIES.
2. HAY BALE BARRIERS AND SEDIMENT TRAPS SHALL BE INSTALLED AS REQUIRED. BARRIERS AND TRAPS ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
3. BALED HAY AND MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
4. FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
5. STOCKPILED MATERIALS SHALL BE PLACED ONLY IN AREAS SHOWN ON THE PLANS. STOCKPILES SHALL BE PROTECTED BY SILTATION FENCE AND SEEDED TO PREVENT EROSION. THESE MEASURES SHALL REMAIN UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE.
6. ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED. A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA.
7. APPLICATION OF GRASS SEED, FERTILIZERS AND MULCH SHALL BE ACCOMPLISHED BY BROADCAST SEEDING OR HYDROSEEDING AT THE RATES OUTLINED BELOW:

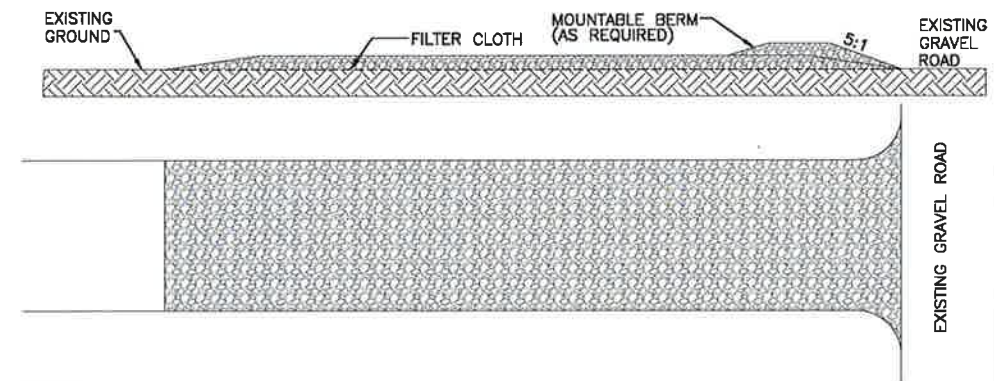
EROSION	LIMESTONE:	75-100 LBS./1,000 SQ FT
	FERTILIZER:	RATE RECOMMENDED BY MANUFACTURER
	MULCH:	HAY MULCH APPROXIMATELY 3 TON/ACRE UNLESS CONTROL MATTING IS USED
	SEED MIX:	(SLOPES LESS THAN 4:1) LBS./ACRE
		CREeping RED FESCUE 20
		TALL FESCUE 20
		REDTOP 2
		42
		(SLOPES GREATER THAN 4:1) LBS./ACRE
		CREeping RED FESCUE 20
		TALL FESCUE 20
		BIRDSFOOT TREEFOIL 8
		48

8. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED.
9. ALL CATCH BASIN INLETS WILL BE PROTECTED WITH LOW POINT SEDIMENTATION BARRIER.
10. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED AND CLEANED AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
11. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA.
12. NO DISCHARGE SHALL BE DIRECTED TOWARDS ANY PROPOSED DITCHES, SWALES, OR PONDS UNTIL THEY HAVE BEEN PROPERLY STABILIZED.



- NOTES:
1. SILT SOCK SHALL BE FILTREXX SILT SOCK, OR APPROVED EQUAL.
 2. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
 3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
 4. SEE SPECIFICATIONS FOR SOCK SIZE, AND COMPOST FILL, REQUIREMENTS.

SILT SOCK DETAIL 1
SCALE: N.T.S. A-3



- NOTES:
1. STONE SIZE - USE 37 MM (1 1/2 IN.) STONE.
 2. LENGTH - NOT LESS THAN 15M (50 FT.)
 3. THICKNESS - NOT LESS THAN 150MM (6 IN.)
 4. WIDTH - 3.5 METER (TWELVE (12) FT.) MINIMUM.
 5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
 9. THE TOWN OF BELCHERTOWN TO GIVE FINAL APPROVAL OF REMOVAL.

STABILIZED CONSTRUCTION ENTRANCE DETAIL 2
SCALE: N.T.S. A-3

FOR ZONING

PREPARED FOR:

verizon

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

at&t

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HG
HUDSON
Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586



CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

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2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
EROSION CONTROL
NOTES & DETAILS

SHEET NUMBER

A-3



FOR ZONING

PREPARED FOR:
verizon
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HUDSON
Design Group LLC
45 BEECHWOOD DRIVE TEL: (978) 557-5553
N. ANDOVER, MA 01845 FAX: (978) 336-5586



RYE 2 NH

68 PORT WAY RYE, NH 03870



VICINITY MAP SCALE: N.T.S.

DIRECTIONS TO SITE:

GET ON I-495N FROM CONNECTOR RD AND MA-9E,
CONTINUE ON I-495N TO PORTSMOUTH. TAKE EXIT 3 FROM I-95N,
TAKE EXIT 3 FOR NH-33 TOWARD GREENLAND/PORTSMOUTH,
CONTINUE ON NH-33E. TAKE PEVERLY HILL RD, ELWYN RD, NH-1A
AND BRACKETT RD TO PORT WAY IN RYE,
TURN RIGHT ONTO NH-33E/GREENLAND RD, TURN RIGHT ONTO
PEVERLY HILL RD, CONTINUE ONTO ELWYN RD, AT THE TRAFFIC
CIRCLE, CONTINUE STRAIGHT ONTO NH-1A, TURN RIGHT ONTO
BRACKETT RD, TURN LEFT ONTO PARSONS RD, TURN LEFT ONTO
STARBOARD WAY, TURN LEFT ONTO PORT WAY
SITE IS AT END OF PORT WAY.

PROJECT SUMMARY

PROJECT ENGINEER
HUDSON DESIGN GROUP, LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: 1-(978)-557-5553
FAX: 1-(978)-336-5586

MEP ENGINEER
HUDSON DESIGN GROUP, LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: 1-(978)-557-5553
FAX: 1-(978)-336-5586

SURVEYOR
NORTHEAST SURVEY CONSULTANTS
116 PLEASANT ST., SUITE 302
EASTHAMPTON, MA 01027
TEL: 1-(413)-203-5144

PROJECT SUMMARY

SITE NAME: RYE 2 NH
SITE ADDRESS: 68 PORT WAY
RYE, NH 03870

APPLICANT: VERIZON WIRELESS
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

CO-APPLICANT: NEW CINGULAR WIRELESS PCS,
LLC D/B/A AT&T
500 COCHITUATE ROAD,
SUITES 13 & 14
FRAMINGHAM, MA 01701

ZONING DISTRICT: TOWN OF RYE, NH
ZONING JURISDICTION: SINGLE RESIDENCE

LATITUDE: N43° 02' 05.32"
LONGITUDE: W70° 43' 36.49"

PARCEL ID: 23-001
PROPERTY OWNER: TOWN OF RYE
10 CENTRAL ROAD
RYE, NH 03870

SHEET INDEX

SHEET NO.	DESCRIPTION
T-1	TITLE SHEET
C-1	ABUTTERS PLAN
C-2	EXISTING CONDITIONS
C-3	SITE PLAN
C-4	ENLARGED SITE PLAN
C-5	ENLARGED SITE PLAN (PARTIAL)
C-6	COMPOUND PLAN
C-7	WETLAND BUFFER PLAN
C-8	DRIVEWAY SECTIONAL PROFILES
C-9	DRIVEWAY SECTIONAL PROFILES
A-1	ELEVATION
A-2	DETAILS
A-3	EROSION CONTROL NOTES & DETAILS

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

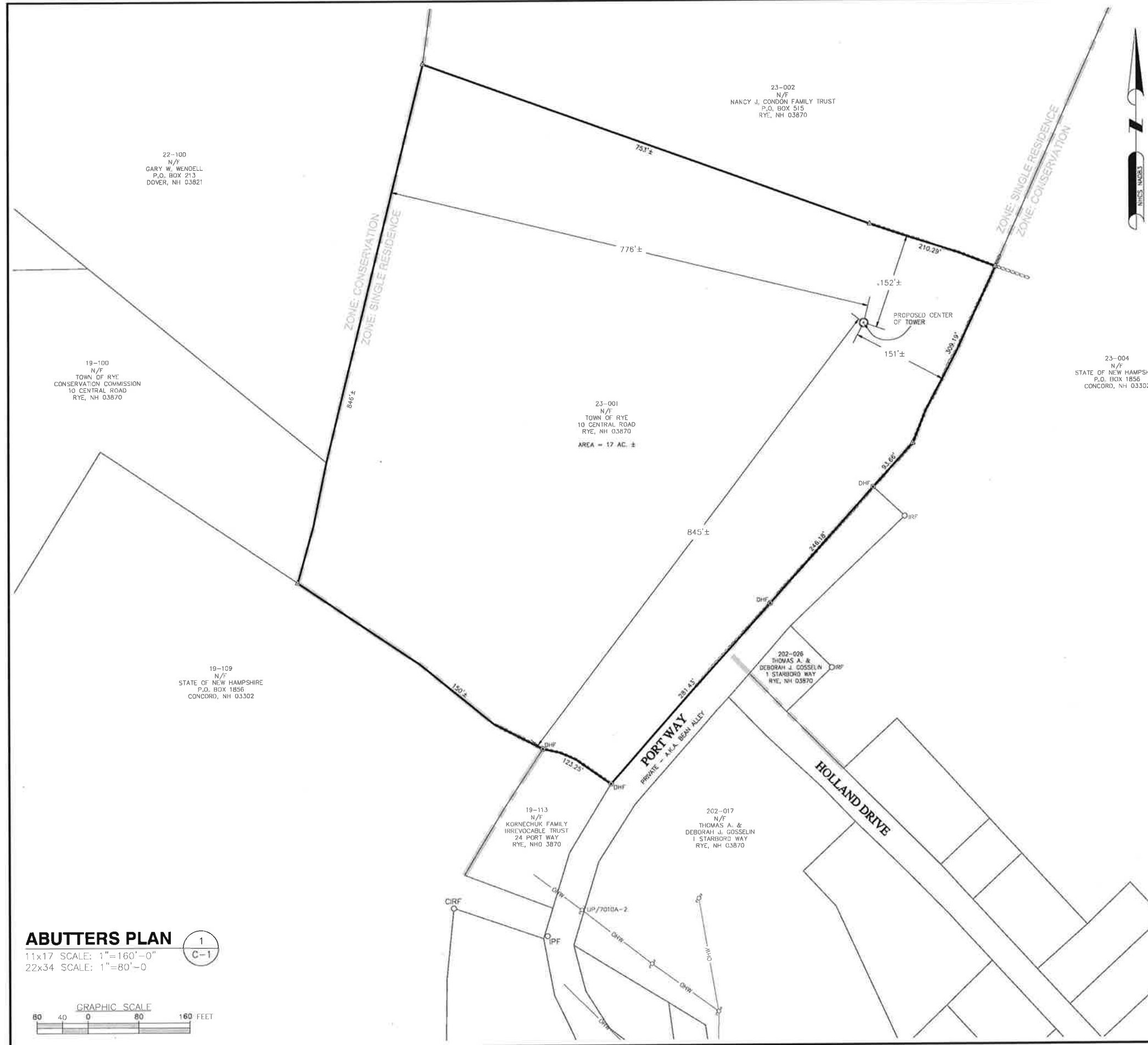
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0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



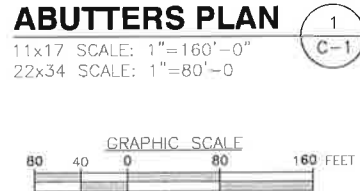
LEGEND

—	PROPERTY LINE - SUBJECT PARCEL
- - -	ABUTTERS PROPERTY LINE
⋯	STONE WALL
---	ZONING LINE
○	IRON ROD FOUND
●	DRILL HOLE FOUND
△	CALCULATED POINT
⊙	TOWER CONTROL POINT

- SITE SPECIFIC NOTES:**
- FIELD SURVEY DATE: 04-24-2019
 - HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
 - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 - OWNER: TOWN OF RYE
10 CENTRAL ROAD
RYE, NH 03870
 - SITE NAME: RYE POINT NH
 - SITE ADDRESS: PORT WAY
RYE, NH 03870
 - APPLICANT: VERIZON WIRELESS,
400 FRIBERG PARKWAY,
WESTBOROUGH, MA 01581
 - JURISDICTION: TOWN OF RYE
ROCKINGHAM COUNTY
 - TAX ID: 023-001
 - DEED REFERENCE: BOOK 5218 PAGE 1440
 - PLAN REFERENCE: PLAN #D11104
"PLAT OF LAND 4, 5 & 10 PORT
WAY" PREPARED BY JAMES VERRA
& ASSOCIATES, INC. DATED
2/9/2016
 - THE HORIZONTAL DATUM AND VERTICAL DATUM WERE DERIVED FROM AN RTK GPS SURVEY.
 - ALL UNDERGROUND UTILITY INFORMATION PRESENTED HEREON WAS DETERMINED FROM SURFACE EVIDENCE ONLY. ALL UNDERGROUND UTILITIES SHOULD BE LOCATED IN THE FIELD PRIOR TO COMMENCEMENT OF ALL SITE WORK. CALL DIGSAFE 1-800-322-4844 A MINIMUM OF 72 HOURS PRIOR TO PLANNED ACTIVITY.
 - ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS, THE LOCUS PROPERTY IS LOCATED IN AREAS DESIGNATED AS ZONE X (UNSHADED, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AND ZONE AE (BASE FLOOD ELEVATIONS DETERMINED TO BE 9' NGVD29 = 8.2' NAVD88). THE LOCATION OF ZONE X (SHADED) PER VISUAL INTERPRETATION FLOOD MAP FALLS WITHIN THE ZONE AE AS PER GROUND ELEVATIONS. COMMUNITY PANEL NO. 33015C 0286 E EFFECTIVE DATE: 05-17-2005
 - FIELD SURVEY BY EDM TOTAL STATION.
 - THIS IS NOT A BOUNDARY SURVEY.**
 - ALL PROPERTY LINES SHOWN ARE FROM FIELD EVIDENCE, DEEDS & PLANS OF RECORD AND THE TOWN OF RYE'S TAX MAPS AND ARE APPROXIMATE ONLY.
 - WETLANDS WERE DELINEATED BY A.D. KLUMB ENVIRONMENTAL ON 04-11-2019.

ZONING INFORMATION

JURISDICTION:	TOWN OF RYE, NH	
ZONING DISTRICT TYPE:	SINGLE RESIDENCE	
DIMENSION REQUIREMENTS:	REQUIRED	PROPOSED±
MINIMUM LOT AREA:	66,000 S.F.	-
MINIMUM LOT FRONTAGE:	200'	-
FRONT YARD SETBACK:	40'	-
SIDE YARD SETBACK:	20'	-
REAR YARD SETBACK:	30'	-
MAX. BUILDING HEIGHT:	35'	-



PREPARED FOR:

verizon

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

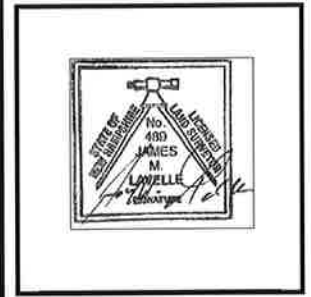
H2G
HUDSON
Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5584

NORTHEAST SURVEY
CONSULTANTS

116 Pleasant St. Ste. 302
P.O. Box 109
Easthampton, MA 01027
(413) 203-5144
northeastsurvey.com



CHECKED BY: BCF

APPROVED BY: DFS

SUBMITTALS

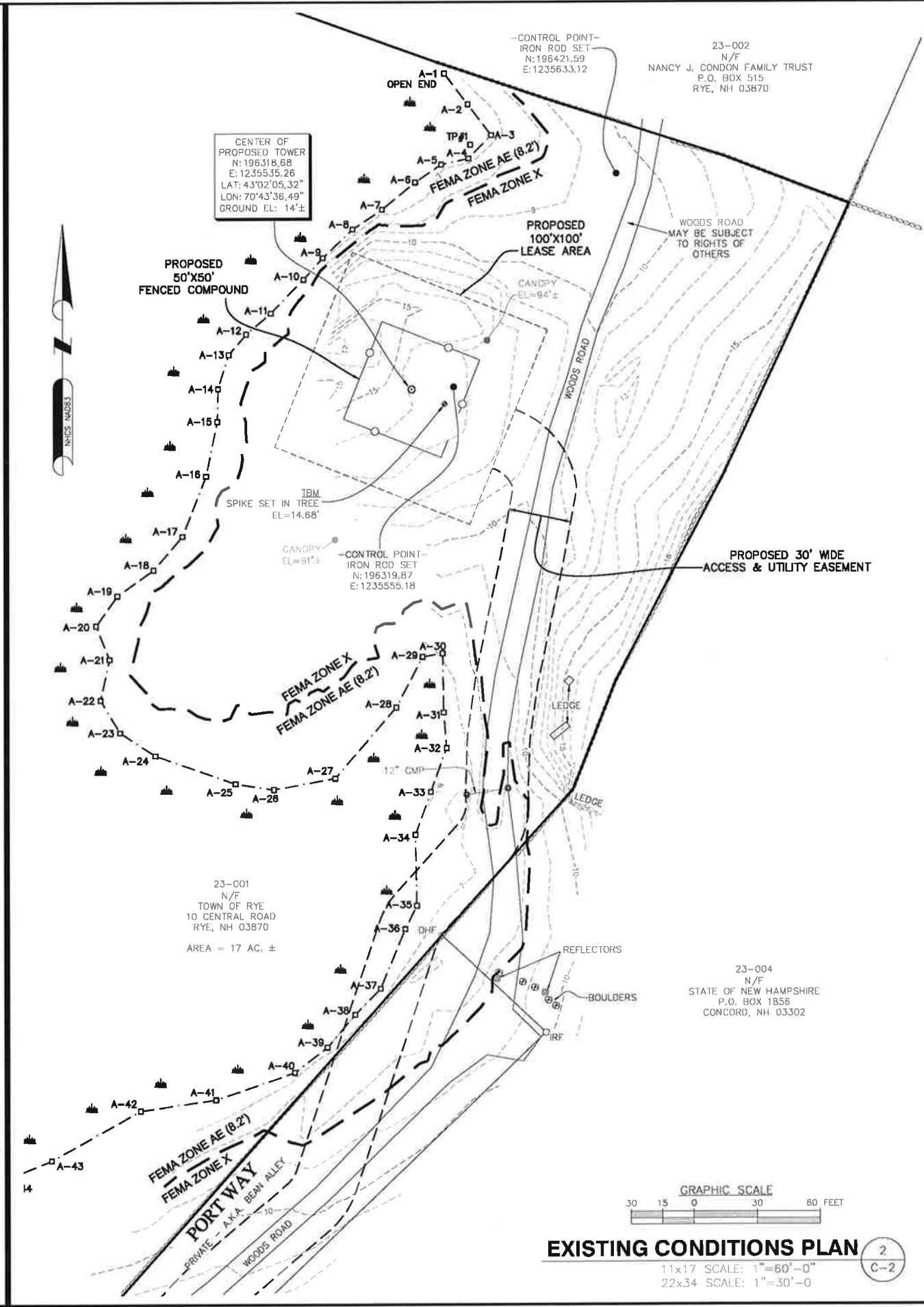
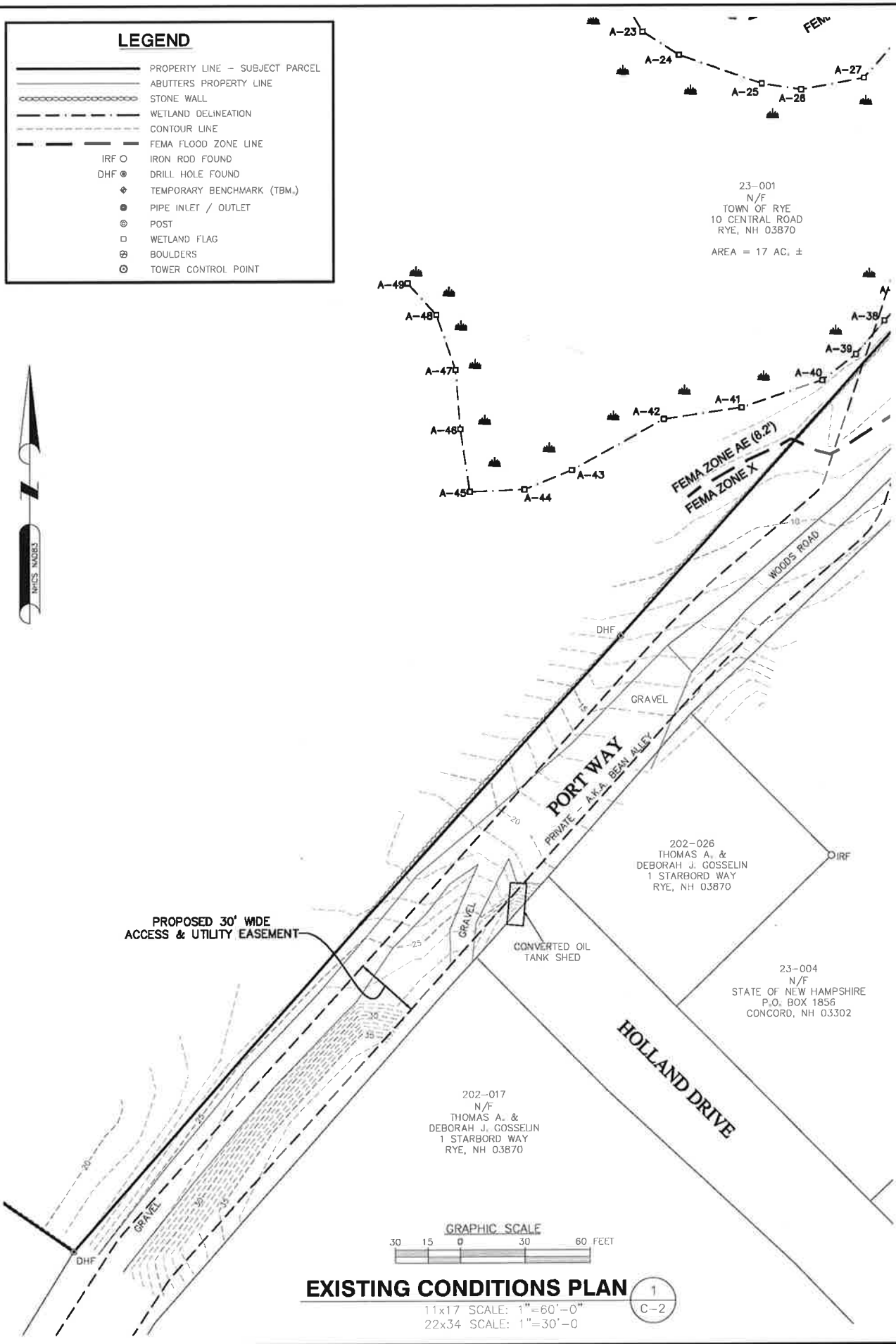
REV.	DATE	DESCRIPTION	BY
1	1/6/20	ADDED CANOPY ELEVATIONS	BCF
0	8/28/19	ISSUED FOR REVIEW	BCF

SITE NAME:
RYE POINT NH

SITE ADDRESS:
PORT WAY
RYE, NH 03870

SHEET TITLE
ABUTTERS PLAN

SHEET NUMBER
C-1



PREPARED FOR:
verizon
 118 FLANDERS ROAD
 WESTBOROUGH, MA 01581

H2G
HUDSON
Design Group LLC
 45 BEECHWOOD DRIVE
 N. ANDOVER, MA 01845
 TEL: (978) 557-5553
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 116 Pleasant St. Ste. 302
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CHECKED BY: BCF

APPROVED BY: DFS

SUBMITTALS

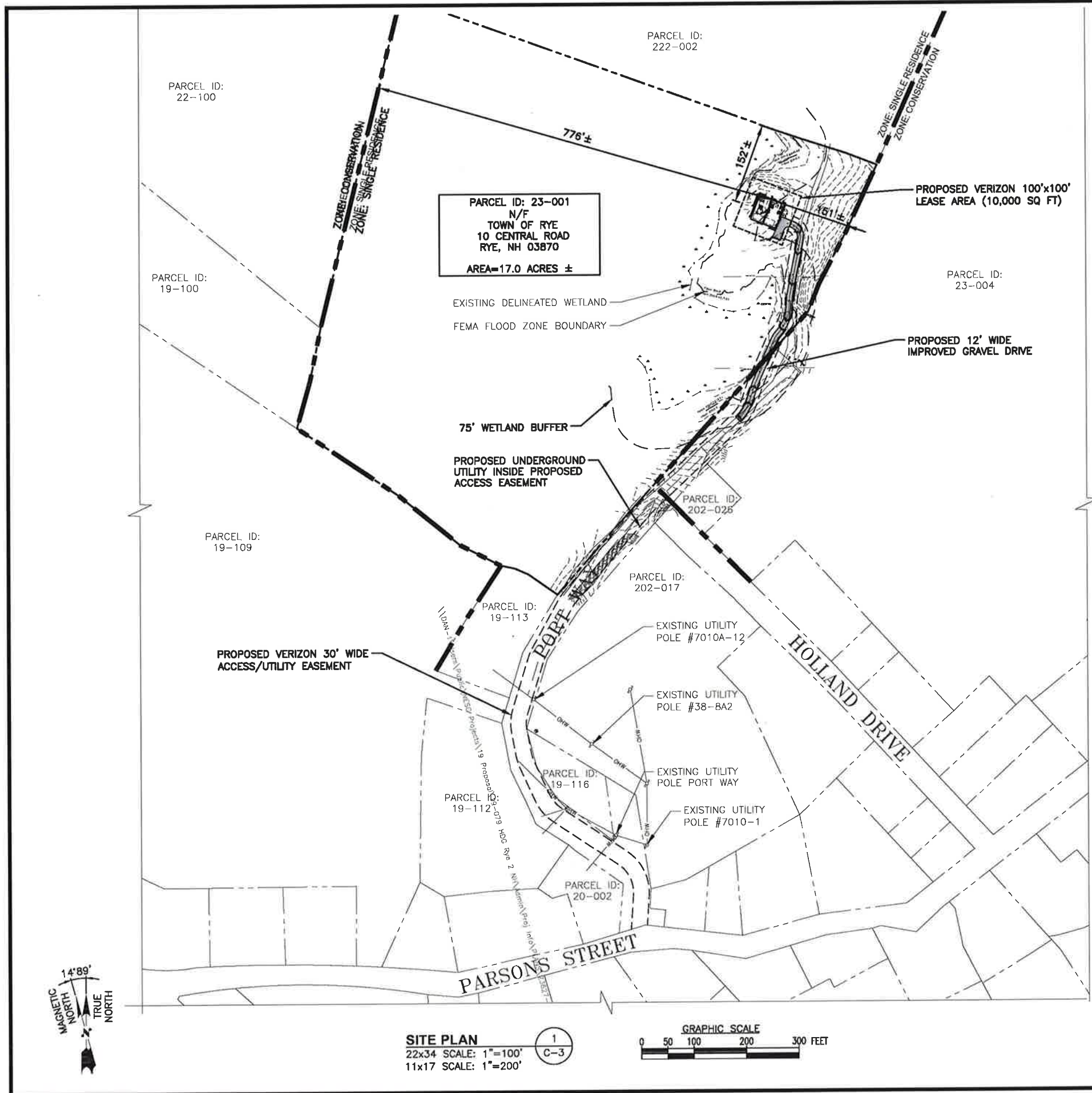
REV.	DATE	DESCRIPTION	BY
1	1/6/20	ADDED CANOPY ELEVATIONS	BCF
0	8/78/19	ISSUED FOR REVIEW	BCF

SITE NAME:
RYE POINT NH

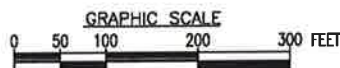
SITE ADDRESS:
 PORT WAY
 RYE, NH 03870

SHEET TITLE
EXISTING CONDITIONS

SHEET NUMBER
C-2



SITE PLAN
 22x34 SCALE: 1"=100'
 11x17 SCALE: 1"=200'



FOR ZONING

SOURCE:
 ABUTTERS PLAN & EXISTING CONDITIONS BY NORTHEAST SURVEY CONSULTANTS, DATED: 07/22/19

SITE SPECIFIC NOTES:

1. VERIFY AZIMUTHS W/ RF ENGINEER.
2. PROPERTY LINE INFORMATION IS COMPILED FROM ASSESSORS PLAN AND RECORD DOCUMENTS AND IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY, AND IS SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. A FULL BOUNDARY SURVEY WAS NOT PERFORMED.
3. AUDRA L. KLUMB, NH CERTIFIED WETLAND SCIENTIST #222 OF A&D KLUMB ENVIRONMENTAL, LLC, WEBSTER, NH, PERFORMED THE WETLAND MAPPING FOR THIS SITE ON APRIL 11, 2019 ACCORDING TO THE TECHNICAL CRITERIA OF THE US ARMY CORPS OF ENGINEERS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1, JANUARY 1987), THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0 (JANUARY 2012), AND NH STATUTE RSA482-A:2 X.

ZONES:

	SINGLE RESIDENCE
	CONSERVATION

LEGEND:

- SUBJECT PROPERTY LINE
- - - ABUTTING PROPERTY LINE
- - - ACCESS DRIVE/EASEMENT
- - - ZONING DISTRICT BOUNDARY LINE
- EXISTING BUILDING
- XXX-XXX-XXX PARCEL ID

ZONING INFORMATION:

JURISDICTION:	TOWN OF RYE	
ZONING DISTRICT TYPE:	SINGLE RESIDENCE	
DIMENSION REQUIREMENTS:	REQUIRED	PROPOSED
FRONT YARD SETBACK:	40'	151'±
SIDE YARD SETBACK:	20'	152'±
REAR YARD SETBACK:	30'	776'±
MAXIMUM BUILDING HEIGHT:	35'	-

(ALL MEASUREMENTS ARE IN FEET ± UNLESS OTHERWISE NOTED)

PREPARED FOR:

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

CHECKED BY: JX
 APPROVED BY: DPH

SUBMITTALS

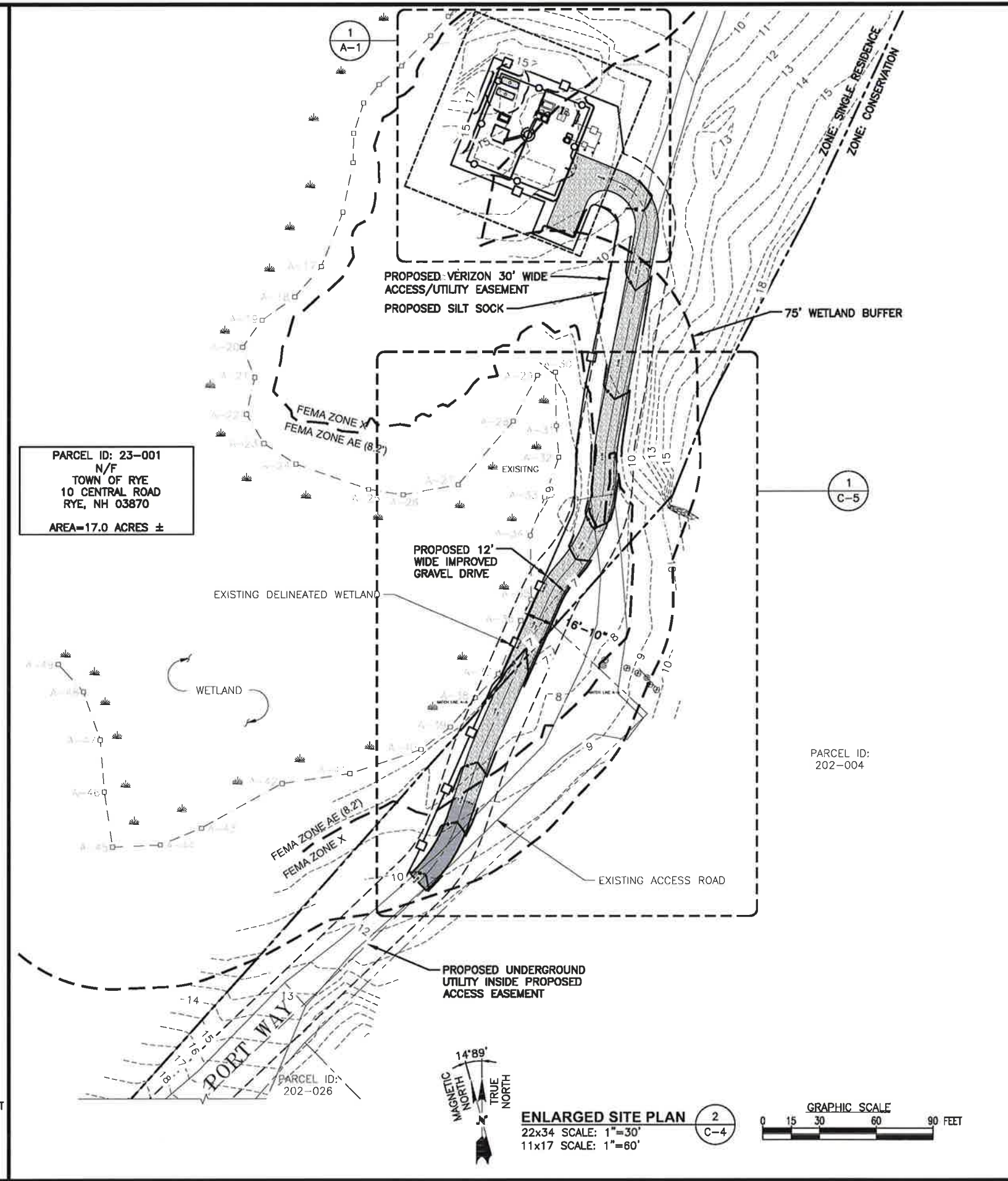
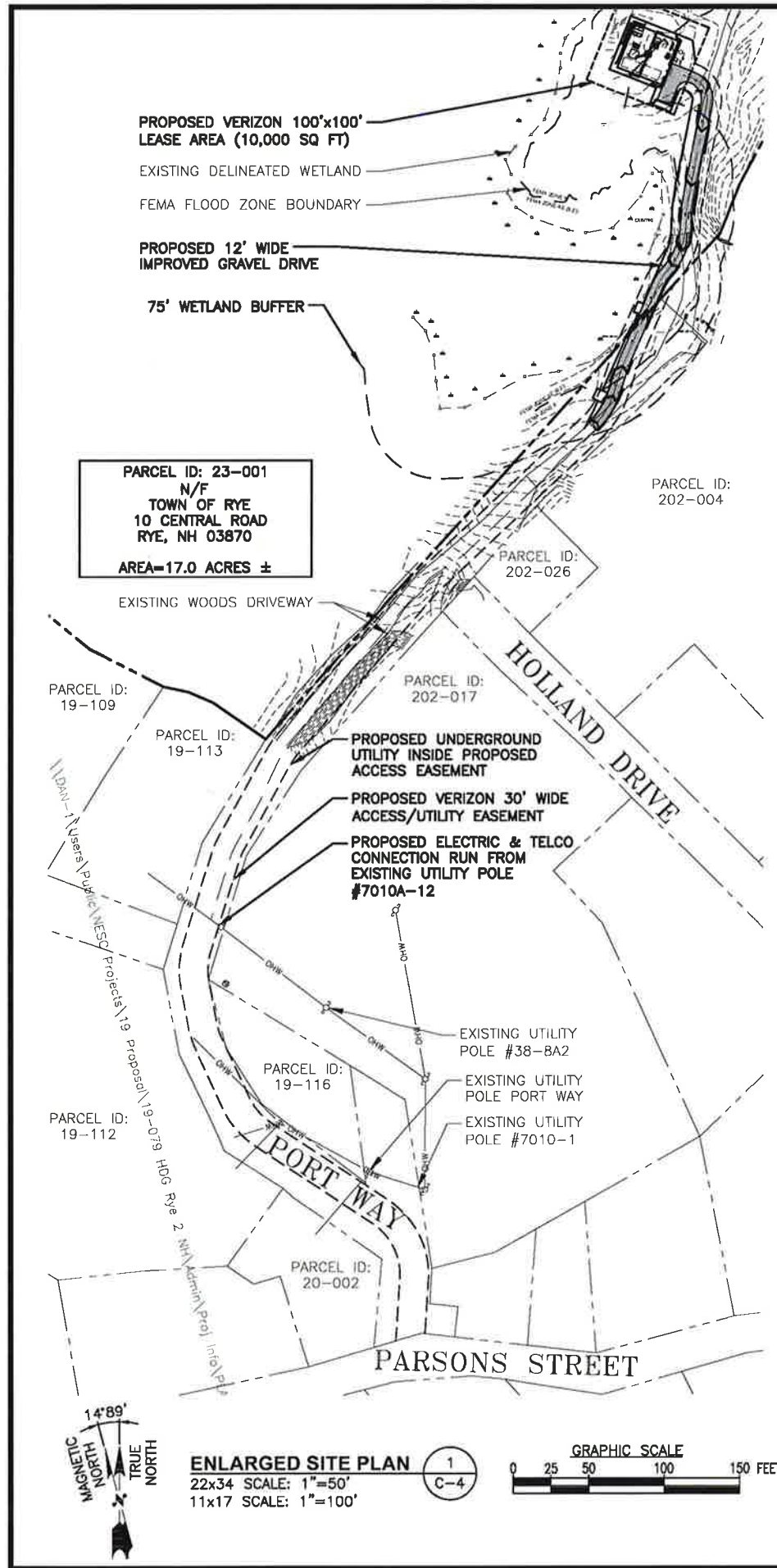
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

SHEET TITLE
SITE PLAN

SHEET NUMBER
C-3



FOR ZONING

PREPARED FOR:

verizon

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

at&t

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HG HUDSON Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF NEW HAMPSHIRE
DANIEL P. HARRIS
PROFESSIONAL ENGINEER
LICENSE NO. 1013

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/06/20	ADDED FUTURE CARRIER SPACE (SLY)	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

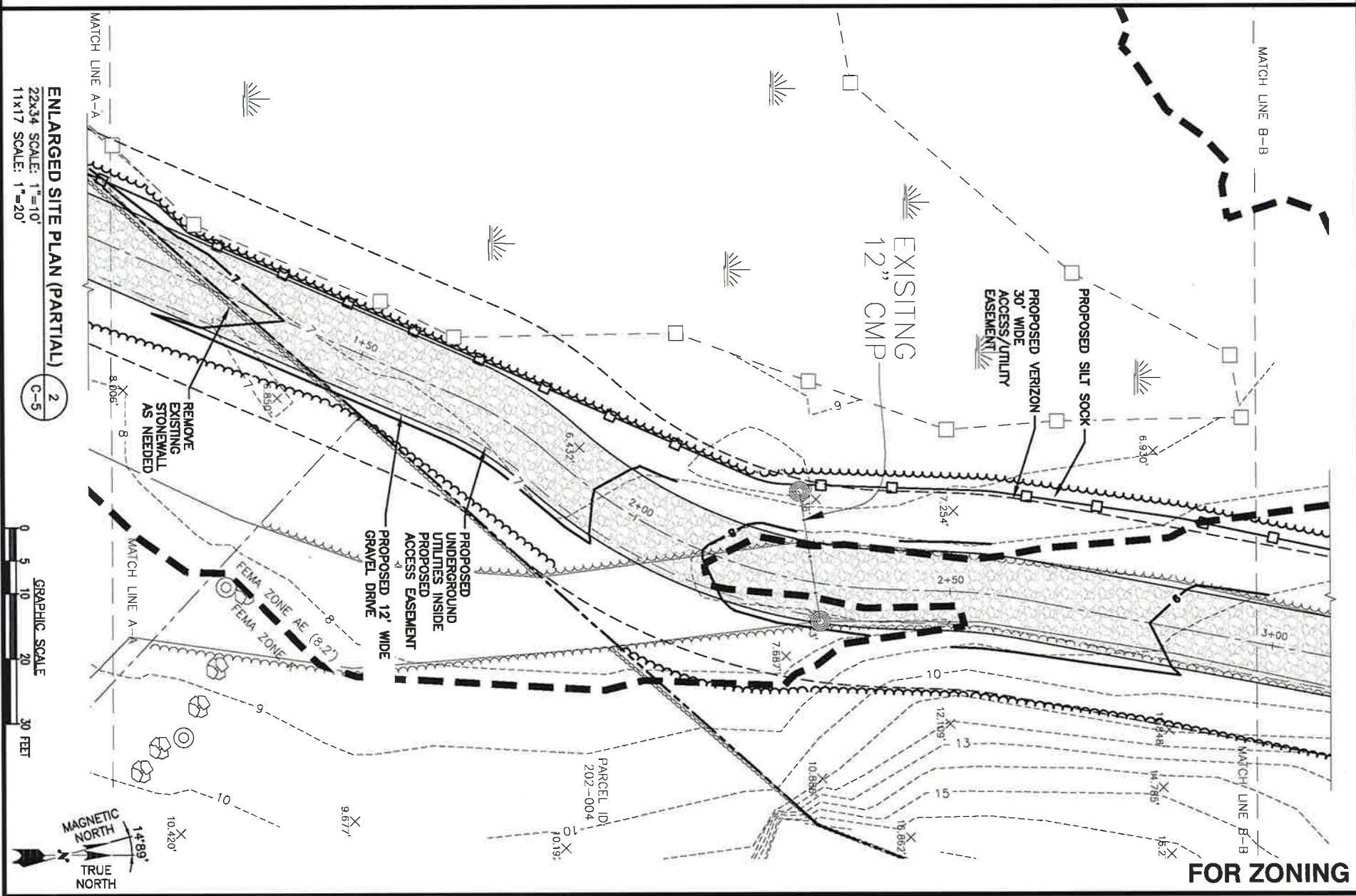
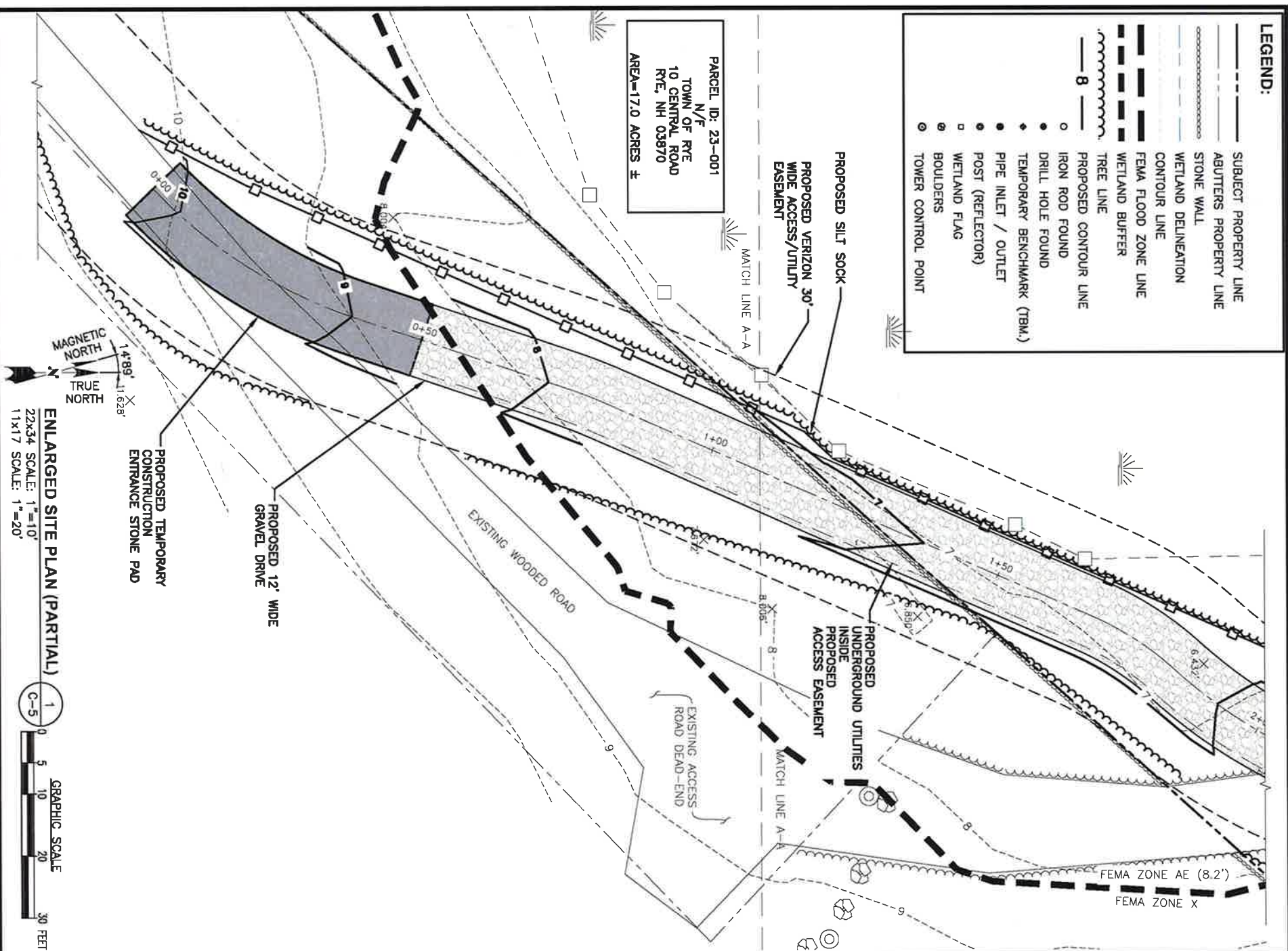
SHEET TITLE
ENLARGED
SITE PLAN

SHEET NUMBER
C-4

LEGEND:

- SUBJECT PROPERTY LINE
- ABUTTERS PROPERTY LINE
- STONE WALL
- WETLAND DELINEATION
- CONTOUR LINE
- FEMA FLOOD ZONE LINE
- WETLAND BUFFER
- TREE LINE
- PROPOSED CONTOUR LINE
- IRON ROD FOUND
- DRILL HOLE FOUND
- ◆ TEMPORARY BENCHMARK (TBM.)
- PIPE INLET / OUTLET
- POST (REFLECTOR)
- WETLAND FLAG
- BOULDERS
- TOWER CONTROL POINT

PARCEL ID: 23-001
 N/F
 TOWN OF RYE
 10 CENTRAL ROAD
 RYE, NH 03870
 AREA-17.0 ACRES ±



FOR ZONING

PREPARED FOR:

verizon

118 FAIRBANKS ROAD
 WESTBOROUGH, MA 01581

at&t

500 COCCHIGUATE ROAD
 FRAMMINGHAM, MA 01701

HDS

HUDSON

Design Group LLC

45 BEECHWOOD DRIVE
 N ANDOVER, MA 01945

TEL: (978) 527-5533
 FAX: (978) 336-5584



CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/06/20	ADDED FUTURE CARRIER SPACE SVY	SVY
2	01/22/20	REVISED PER COMMENTS	SVY
1	11/11/19	PROPOSED CROSSED SWALE	OS
0	09/29/19	FOR ZONING	RL

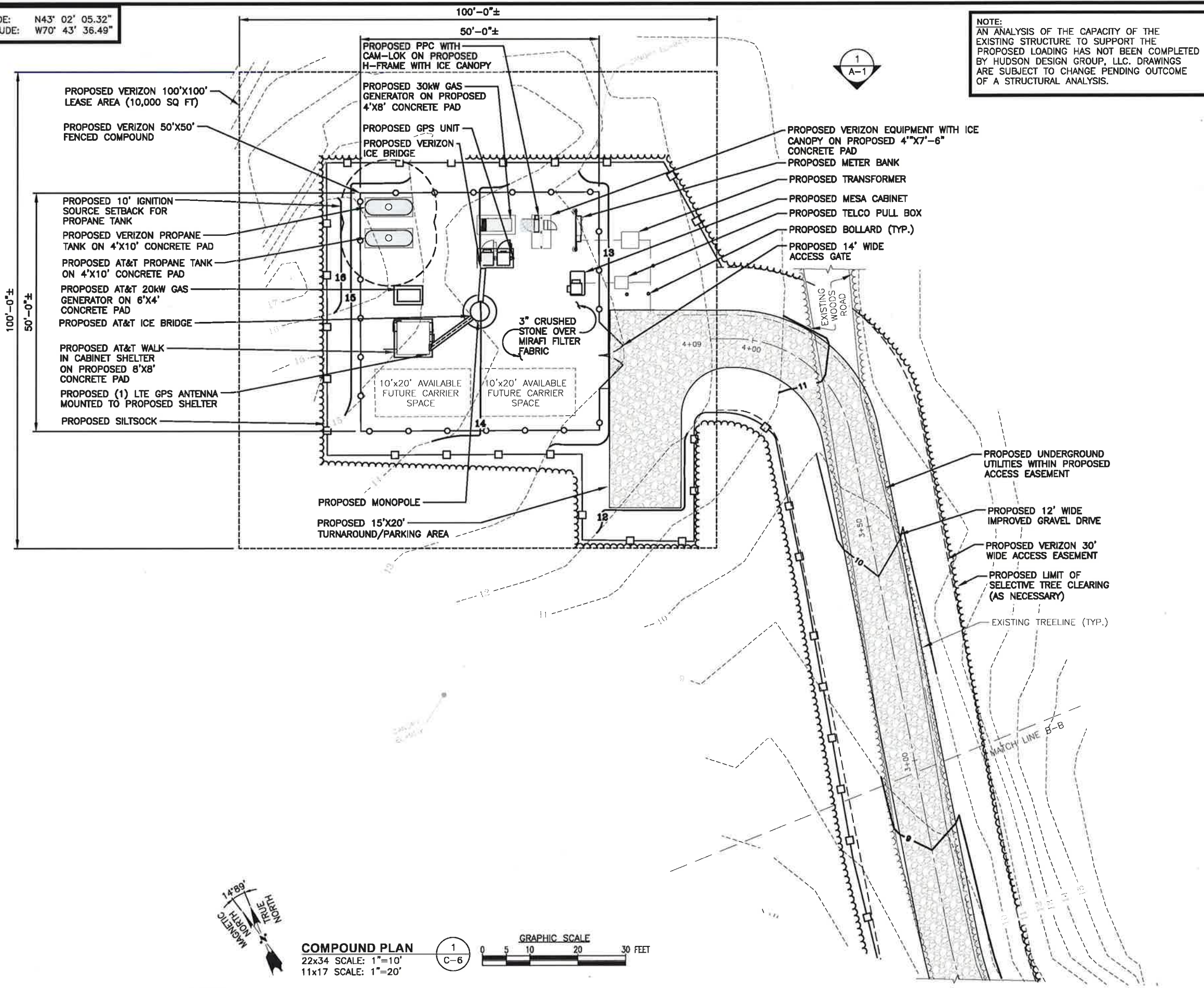
SITE NAME:
 RYE 2 NH

SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

SHEET TITLE
 ENLARGED
 SITE PLAN

SHEET NUMBER
C-5

APPROXIMATE LATITUDE: N43° 02' 05.32"
 COORDINATES: LONGITUDE: W70° 43' 36.49"



NOTE:
 AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC. DRAWINGS ARE SUBJECT TO CHANGE PENDING OUTCOME OF A STRUCTURAL ANALYSIS.

FOR ZONING

PREPARED FOR:
verizon
 118 FLANDERS ROAD
 WESTBOROUGH, MA 01581

at&t
 500 COCHITUATE ROAD
 FRAMINGHAM, MA 01701

HG HUDSON
 Design Group LLC
 45 BEECHWOOD DRIVE N. ANDOVER, MA 01845
 TEL: (978) 557-5553 FAX: (978) 336-5586



CHECKED BY: JX

APPROVED BY: DPH

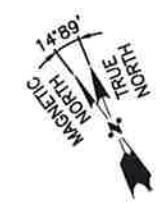
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REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE SLY	
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED CRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
 RYE 2 NH

SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

SHEET TITLE
 COMPOUND PLAN

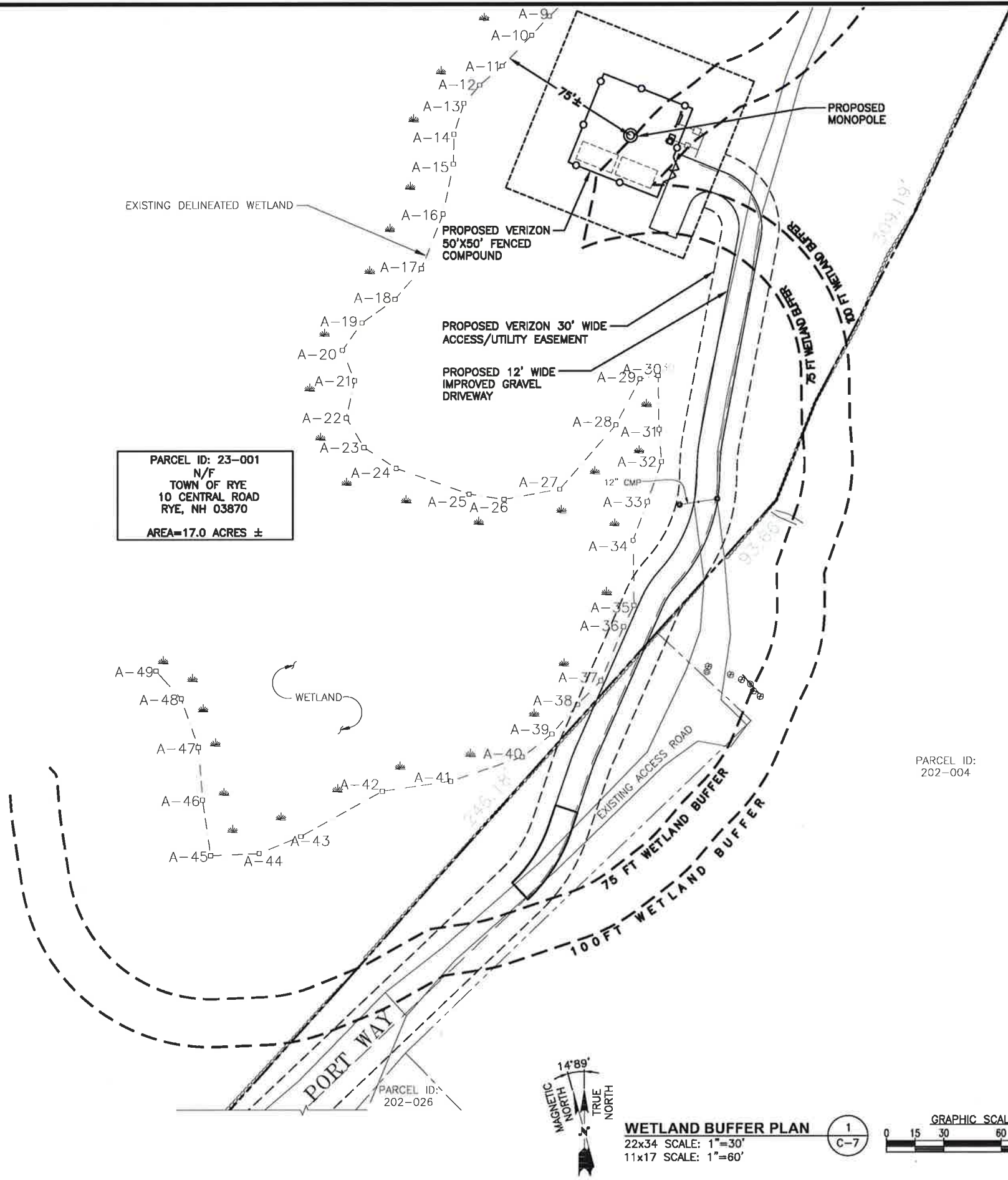
SHEET NUMBER
C-6



COMPOUND PLAN
 22x34 SCALE: 1"=10'
 11x17 SCALE: 1"=20'

GRAPHIC SCALE: 0 5 10 20 30 FEET

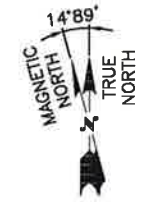
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 C-6



PARCEL ID: 23-001
 N/F
 TOWN OF RYE
 10 CENTRAL ROAD
 RYE, NH 03870
 AREA=17.0 ACRES ±

PARCEL ID:
 202-004

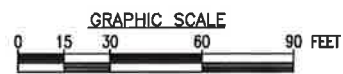
PARCEL ID:
 202-026



WETLAND BUFFER PLAN

22x34 SCALE: 1"=30'
 11x17 SCALE: 1"=60'

1
 C-7



FOR ZONING

PREPARED FOR:

118 FLANDERS ROAD
 WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
 FRAMINGHAM, MA 01701

45 BEECHWOOD DRIVE
 N. ANDOVER, MA 01845
 TEL: (978) 557-5553
 FAX: (978) 336-5586

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
3	02/06/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
 RYE 2 NH

SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

SHEET TITLE
 WETLAND
 BUFFER PLAN

SHEET NUMBER
C-7

LEGEND	
PROPOSED DRIVEWAY	
EXISTING GRADE	

FOR ZONING

PREPARED FOR:

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

CHECKED BY: JX

APPROVED BY: DPH

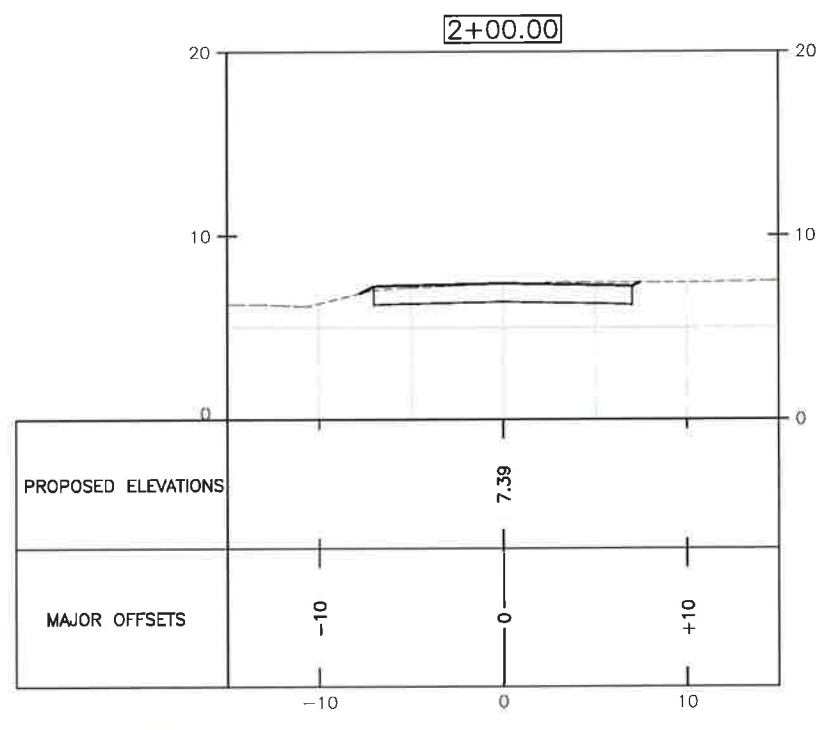
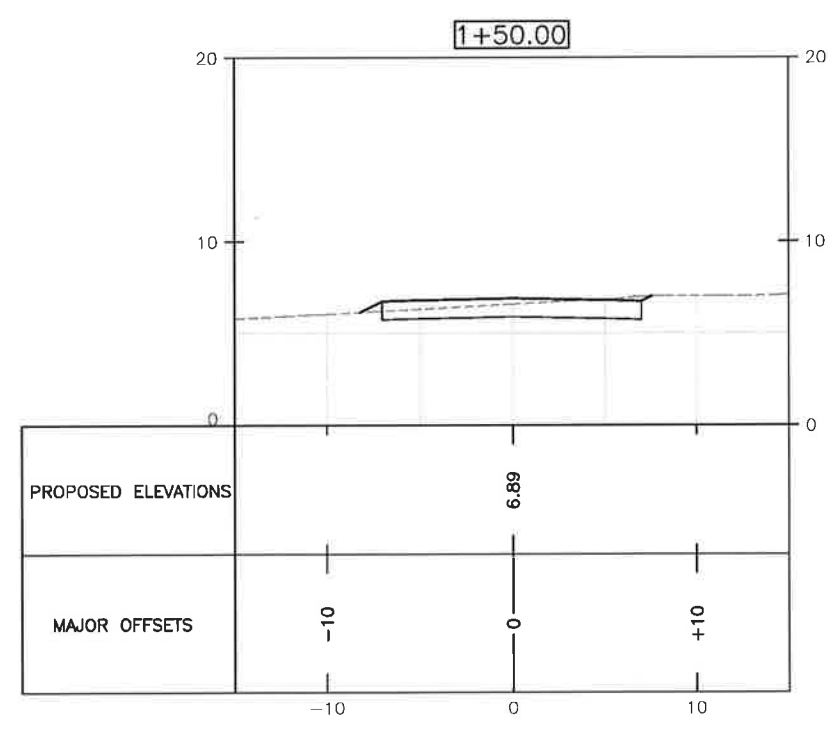
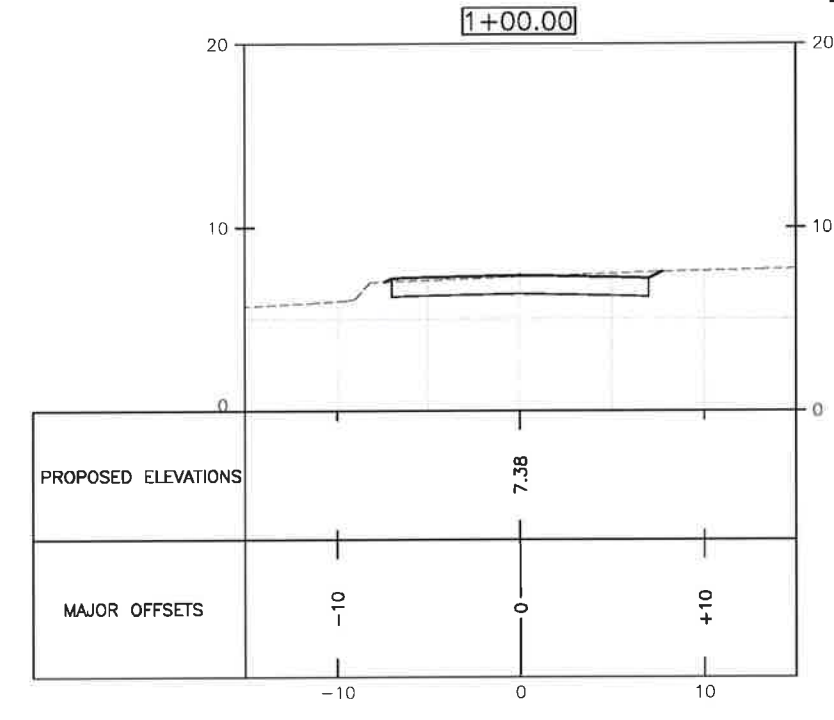
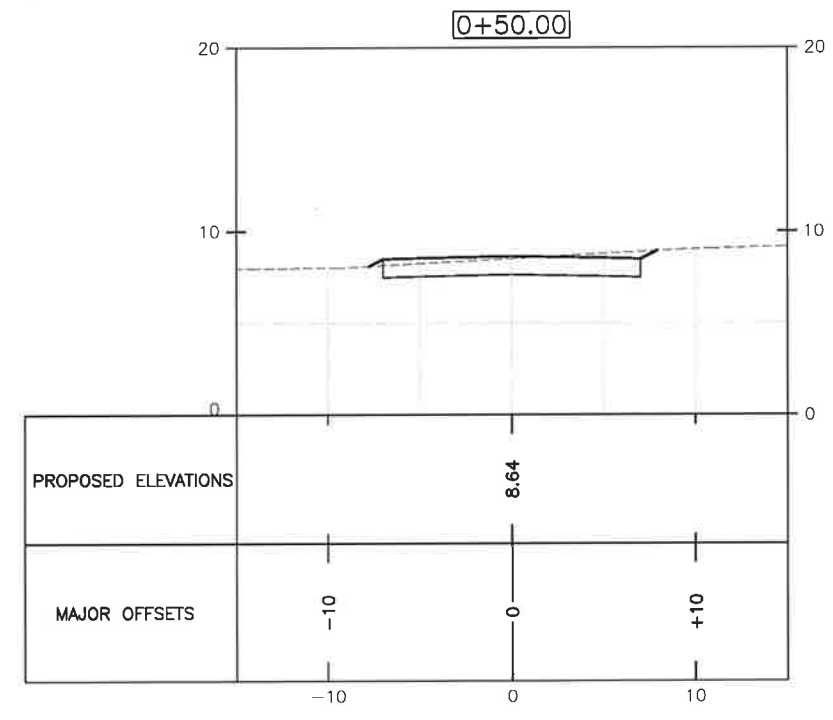
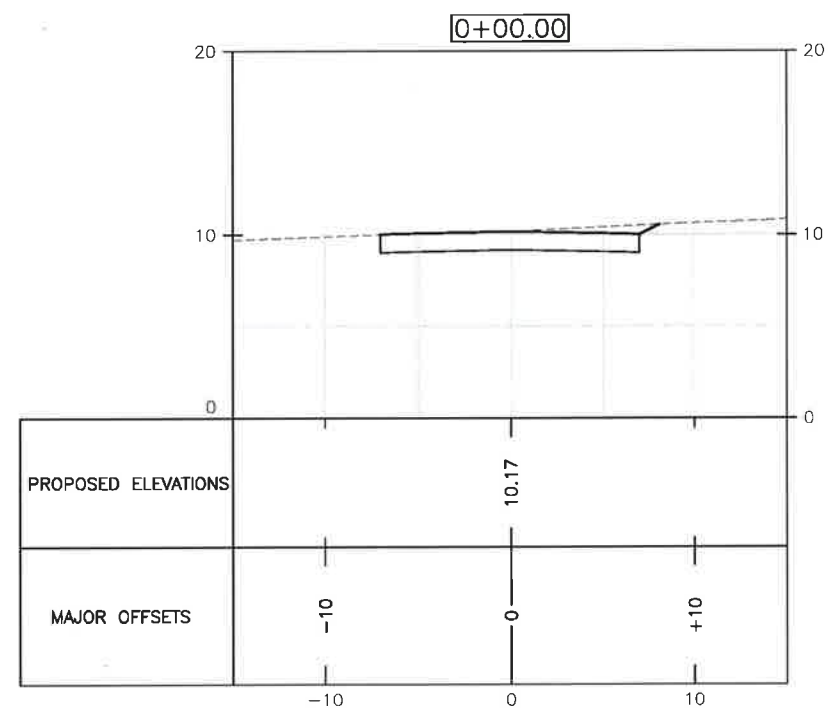
SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
DRIVEWAY SECTIONAL
PROFILES

SHEET NUMBER
C-8



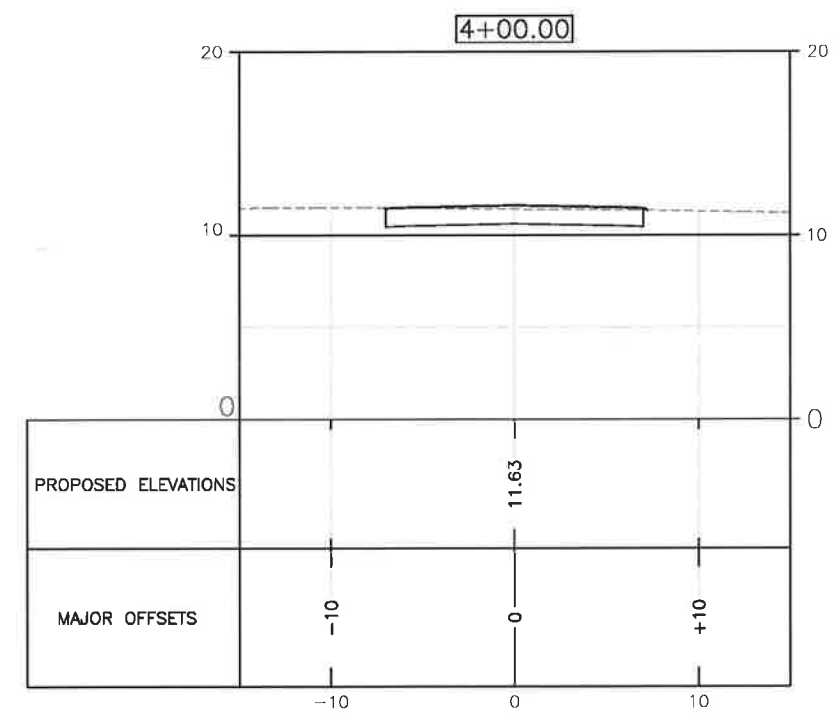
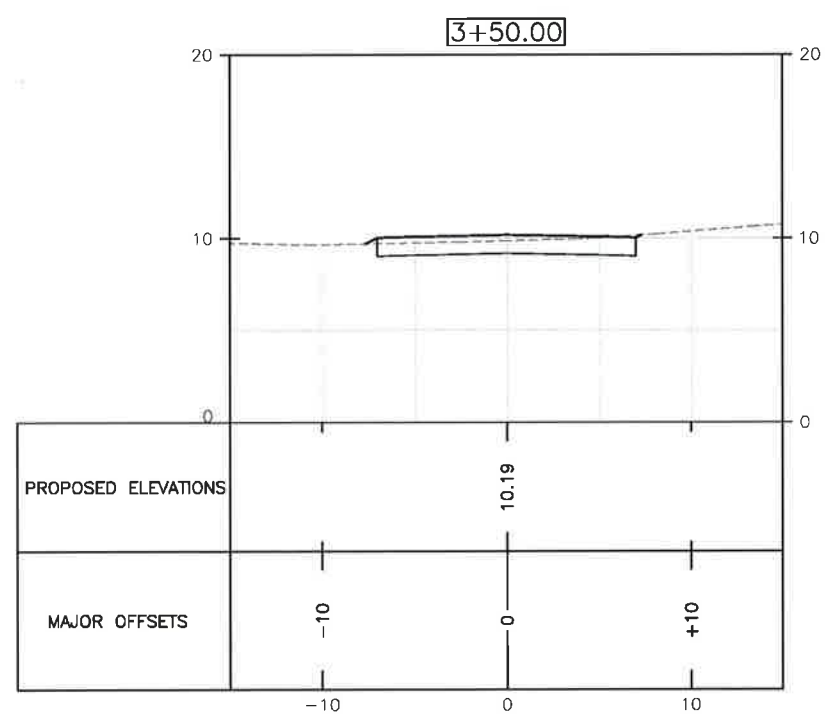
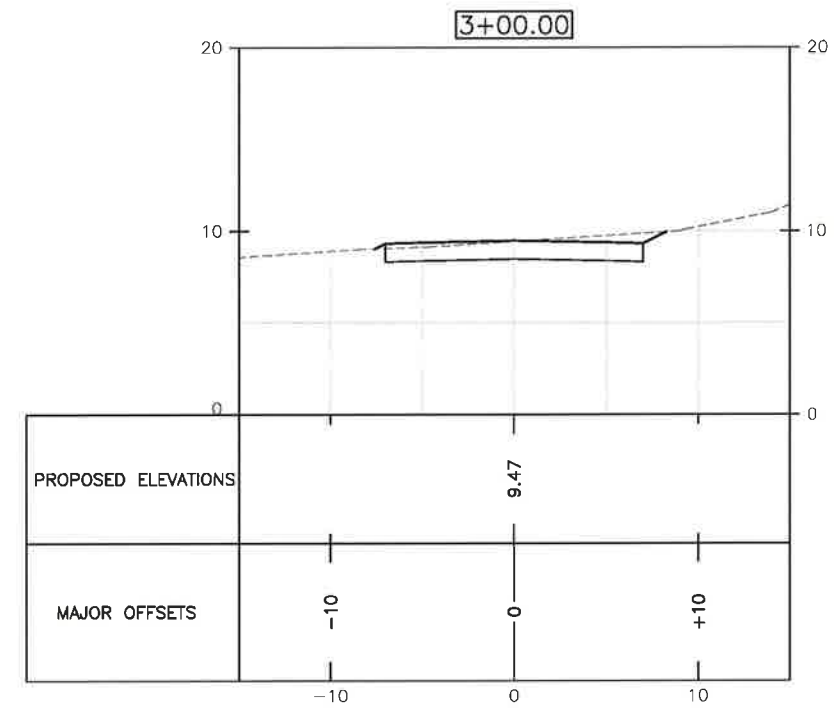
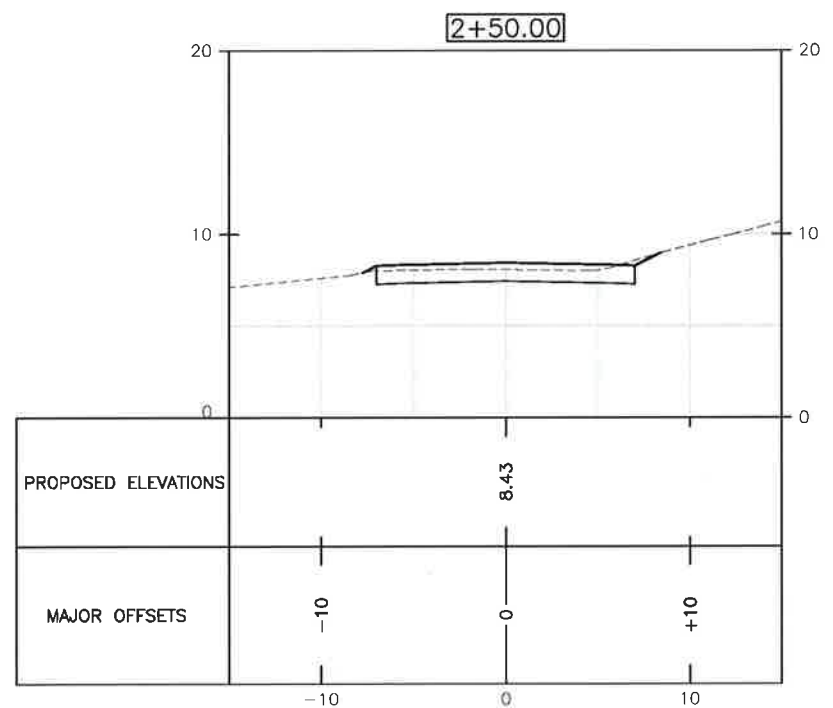
DRIVEWAY CROSS SECTIONS

22x34 SCALE: 1"=5'
11x17 SCALE: 1"=10'

GRAPHIC SCALE: 0, 2.5, 5, 10, 15 FEET

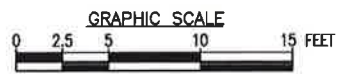
1
C-B

LEGEND	
PROPOSED DRIVEWAY	
EXISTING GRADE	



DRIVEWAY CROSS SECTIONS
 22x34 SCALE: 1"=5'
 11x17 SCALE: 1"=10'

1
C-9



FOR ZONING

PREPARED FOR:
verizon
 118 FLANDERS ROAD
 WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
 FRAMINGHAM, MA 01701

HUDSON
 Design Group LLC
 45 BEECHWOOD DRIVE TEL: (978) 557-5553
 N. ANDOVER, MA 01845 FAX: (978) 336-5586

STATE OF NEW HAMPSHIRE
 DANIEL P. HAMM
 1013
 LICENSE NO. 1013
 PROFESSIONAL ENGINEER

CHECKED BY: JX

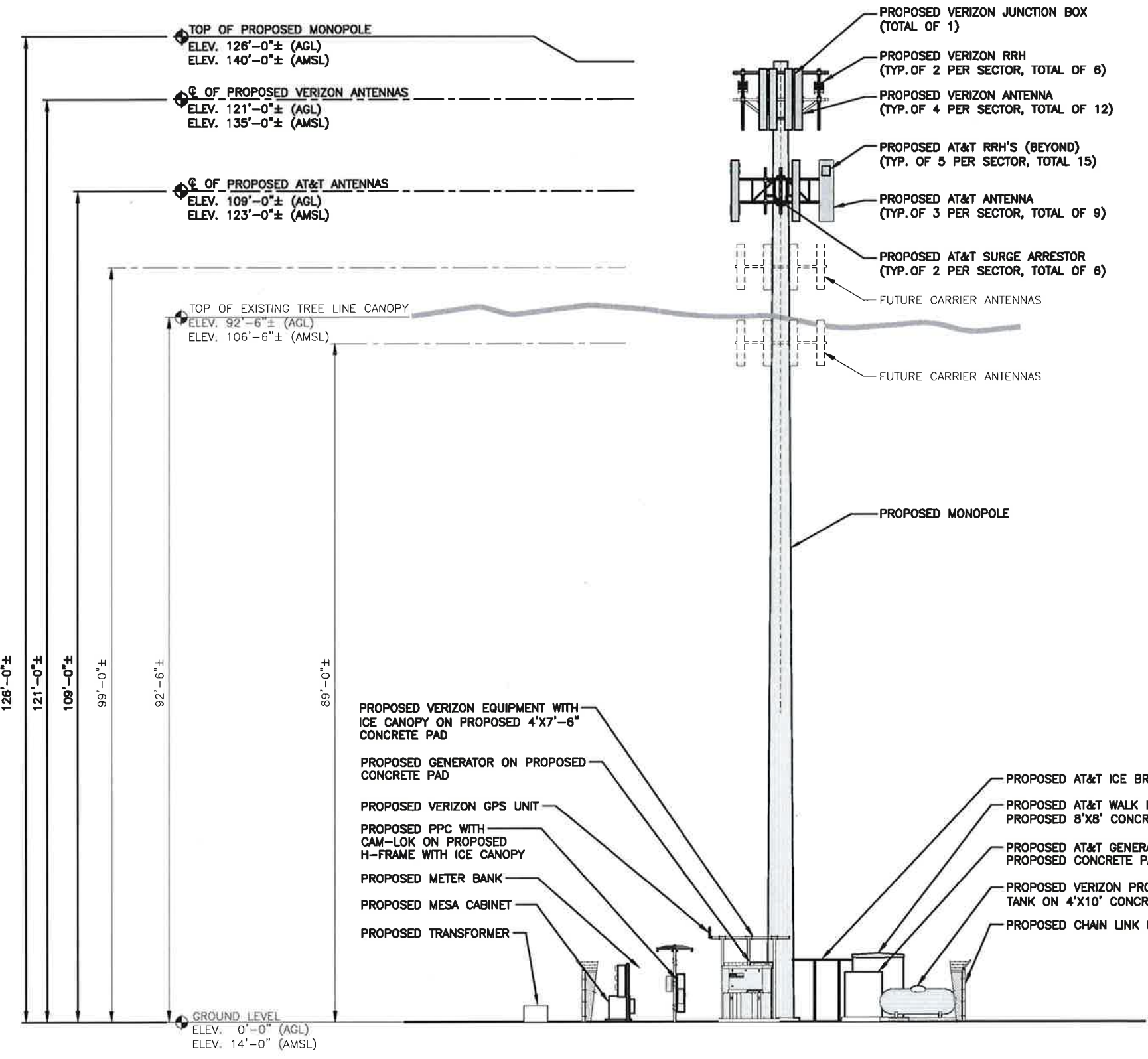
APPROVED BY: DPH

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/18	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
 RYE 2 NH
 SITE ADDRESS:
 68 PORT WAY
 RYE, NH 03870

SHEET TITLE
 DRIVEWAY SECTIONAL
 PROFILES

SHEET NUMBER
C-9



PROPOSED ANTENNA INFORMATION

SECTOR	STATUS	AZIMUTH	CABLE LENGTH
ALPHA	PROPOSED	TBD'	170'
BETA	PROPOSED	TBD'	170'
GAMMA	PROPOSED	TBD'	170'

NOTE: CABLE LENGTH = EXACT LENGTH PLUS 25'. CONTRACTOR TO VERIFY CABLE LENGTH PRIOR TO ORDERING.

APPROXIMATE COORDINATES: LATITUDE: N43° 02' 05.32" LONGITUDE: W70° 43' 36.49"

NOTE: AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC. DRAWINGS ARE SUBJECT TO CHANGE PENDING OUTCOME OF A STRUCTURAL ANALYSIS.

- NOTE:
1. PROPOSED NEW TOWER AND FOUNDATION DESIGN BY OTHERS
 2. VERIFY AZIMUTHS W/ RF ENGINEER.

FOR ZONING

PREPARED FOR:

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

45 BECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

DANIEL P. HAMP
PROFESSIONAL ENGINEER

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

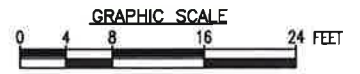
SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
ELEVATION

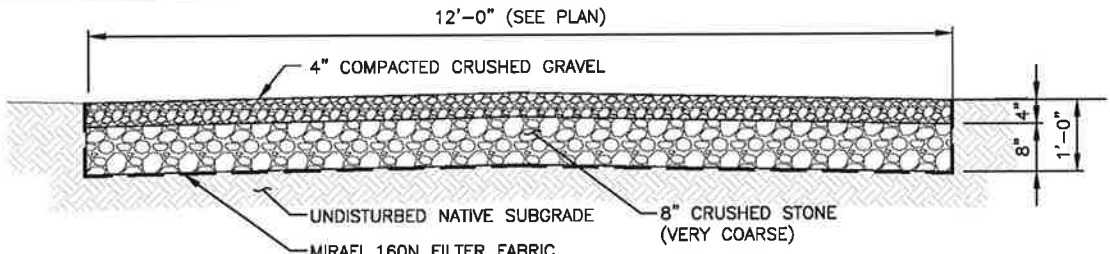
SHEET NUMBER
A-1

ELEVATION
22x34 SCALE: 1/8"=1'-0"
11x17 SCALE: 1/16"=1'-0"

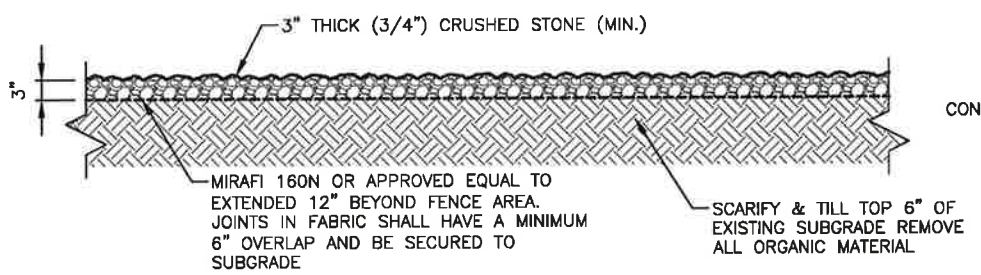


ITEM NO.	304.3	304.6
SURFACE LAYERS	UPPER SURFACE	BASE COARSE (LOWER)
ITEM	CRUSHED GRAVEL	CRUSHED STONE (VERY COARSE)
SIEVE SIZE		
6 INCH	---	100
5 INCH	---	---
4 INCH	---	---
3 1/2 INCH	---	---
3 INCH	100	60-90
2 1/2 INCH	---	---
2 INCH	95 - 100	---
1 1/2 INCH	---	45-75
1 INCH	55 - 85	---
3/4 INCH	---	35-65
#4	27 - 52	15-40
# 200 (IN SAND PORTION)*	0 - 12	---
# 200 (IN TOTAL SAMPLE)	---	0-5

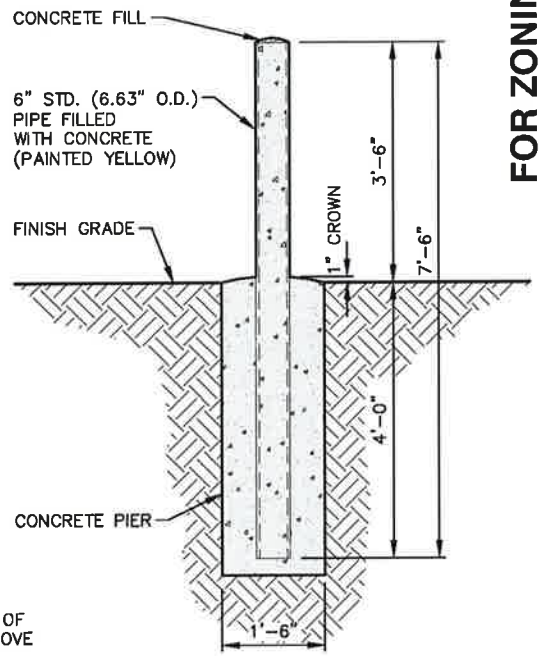
NOTE:
PROPOSED IMPROVED DRIVEWAY MATERIALS SHALL CONFORM TO NHDOT STANDARD SPECIFICATIONS (2016)



GRAVEL ACCESS DRIVE 1
SCALE: N.T.S. A-2



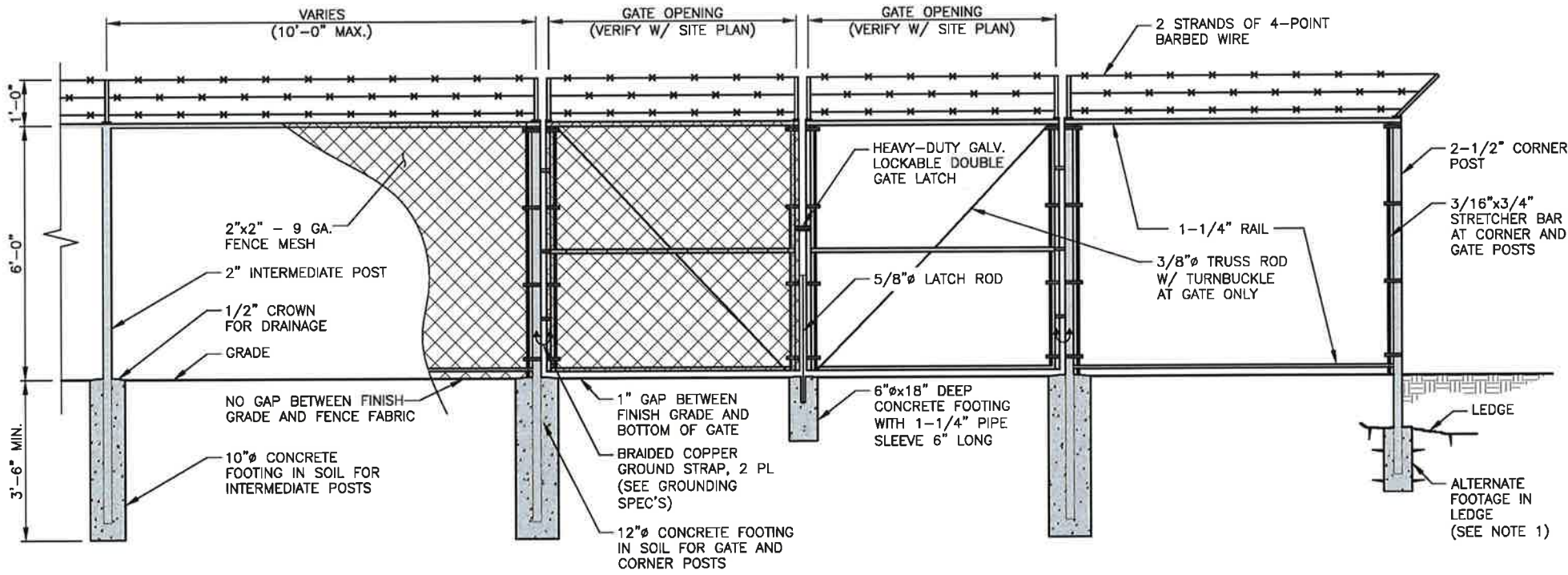
COMPOUND COVERING DETAIL 2
SCALE: N.T.S. A-2



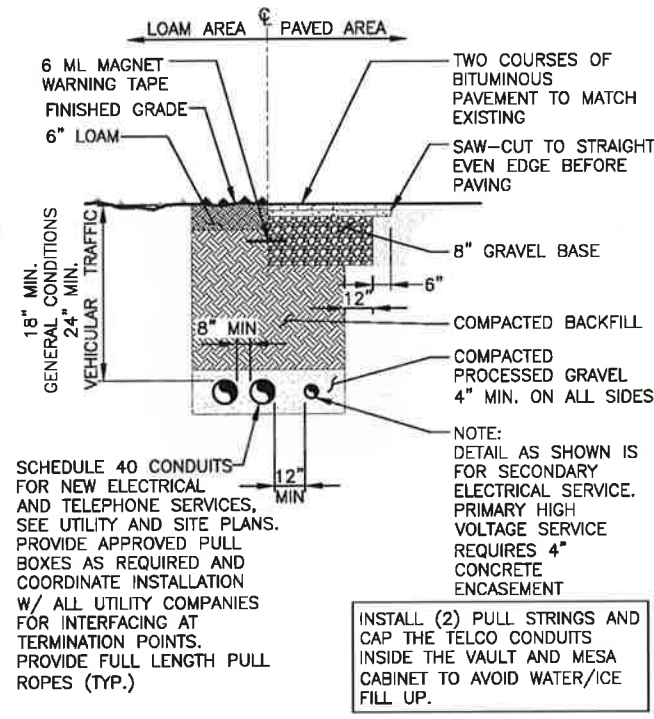
CONCRETE FILLED BOLLARD 3
22x34 SCALE: N.T.S. A-2

FENCE NOTES

- ALTERNATE FOOTINGS FOR ALL FENCE POSTS IN LEDGE: IF LEDGE IS ENCOUNTERED AT GRADE, OR AT A DEPTH SHALLOWER THAN 3'-6", CORE DRILL AN 8" DIA HOLE 18" INTO THE LEDGE. CENTER POST IN THE HOLE AND FILL WITH CONCRETE OR GROUT. IF LEDGE IS BELOW FINISH GRADE, COAT BACKFILLED SECTION OF POST WITH COAL TAR, AND BACKFILL WITH WELL-DRAINING GRAVEL.
- ATTACH EACH GATE WITH 1-1/2 PAIR OF NON-LIFT-OFF TYPE, MALLEABLE IRON OR FORGING, PIN-TYPE HINGES. ASSEMBLIES SHALL ALLOW FOR 180° OF GATE TRAVEL.



CHAINLINK FENCE DETAIL 4
SCALE: N.T.S. A-2



BURIED CONDUIT DETAIL 5
SCALE: N.T.S. A-2

FOR ZONING

PREPARED FOR:
verizon
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

at&t
500 COCHITUATE ROAD
FRAMINGHAM, MA 01701

HG HUDSON
Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF NEW HAMPSHIRE
DANIEL P. HANCOCK
PROFESSIONAL ENGINEER
LICENSE NO. 1013

CHECKED BY: JX
APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SLY
2	01/22/20	REVISED PER COMMENTS	SLY
1	11/11/19	PROPOSED GRASSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
DETAILS

SHEET NUMBER
A-2

EROSION CONTROL

CONSTRUCTION SEQUENCE

1. NOTIFY THE TOWN INLAND WETLANDS AGENT AT LEAST ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING.
2. COMPLETE A "CALL BEFORE YOU DIG" PRIOR TO ANY ON SITE ACTIVITY. RECALL EVERY 30 DAYS.
3. INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED.
4. CUT AND STUMP AREAS OF PROPOSED CONSTRUCTION.
5. WOOD CHIPS GENERATED FROM CLEARING ACTIVITIES MAY BE USED AS A TEMPORARY STABILIZATION MEASURE IN ADDITION TO SILT FENCING & HAY BALES.
6. INSTALL HAY BALES TO "BACK UP" SILTATION FENCE ALONG DOWNGRADE WETLANDS & RIVER BOUNDARIES.
7. EXCAVATE 3-INCH LAYER OF TOP SOIL/ORGANICS FROM WITHIN COMPOUND.
8. STOCKPILE EXCAVATED SOILS AS FAR AS POSSIBLE FROM ENVIRONMENTALLY SENSITIVE AREAS.
9. REMOVE ASPHALT TO LIMITS SHOWN ON PLAN.
10. EXCAVATE FOR ANY SUBSURFACE UTILITIES.
11. ESTABLISH SEDIMENT AND EROSION CONTROLS AROUND ANY STOCKPILE SOILS.
12. INSTALL UTILITY SERVICES.
13. INSTALL HAY BALE PROTECTION AT STORM DRAINAGE INLETS (AS APPLICABLE).
14. DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, REPAIR TEMPORARY SILT FENCES AND SEDIMENT TRAPS.
15. EXCAVATE FOR AND CONSTRUCT TOWER FOUNDATION AND CEMENT CONCRETE PADS
16. NO STORM FLOW SHALL BE ALLOWED TO ANY WETLANDS OR RIVERWAY.
17. INSTALL WEED CHECK FABRIC ON DRY, LEVEL SOIL.
18. COVER WEED CHECK FABRIC WITH 3-INCH LAYER OF WASHED GRAVEL (WITHIN COMPOUND)

IMPACT OF STORMWATER DURING CONSTRUCTION ACTIVITY

ALL SEDIMENT CONTROLS, INCLUDING SILTATION FENCES AND HAY BALES MUST BE INSPECTED WEEKLY OR IMMEDIATELY AFTER A STORMWATER RUNOFF GENERATING EVENT. ALL SEDIMENT CONTROLS MUST BE MAINTAINED IN AN EFFECTIVE CONDITION.

IN THE EVENT THAT STORMWATER WITH SEDIMENT IS FLOWING ONTO SURROUNDING PAVEMENT, FOLLOWING MUST BE PERFORMED:

1. ADDITIONAL MEASURES MUST BE TAKEN DURING TIMES OF RAIN OR FLOW. THESE INCLUDE THE CESSATION OF ALL CONSTRUCTION ACTIVITY AT TIMES OF "HEAVY RAIN" OR "SIGNIFICANT FLOW" WHICH HAVE THE POTENTIAL TO CAUSE SOIL TRANSPORT.

CONSTRUCTION SPECIFICATION - SILT FENCE:

1. THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
2. THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
3. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.
4. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MID-SECTION AND BOTTOM.
5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED.
6. FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
7. MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BULGES IN THE SILT FENCE DUE TO DEPOSITION OF SEDIMENT.

MAINTENANCE - SILT FENCE

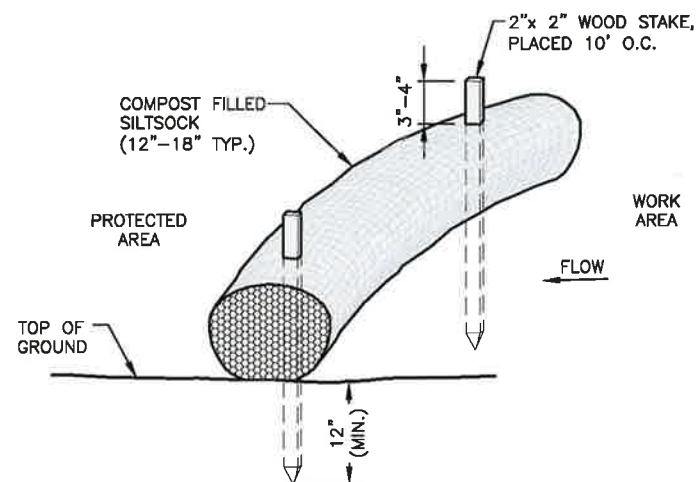
1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACHED APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.
5. REMOVE ALL SEDIMENTATION CONTROLS AFTER SOIL IS STABILIZED.

EROSION CONTROL MEASURES:

1. DISTURBED AREAS SHALL BE KEPT TO THE MINIMUM AREA NECESSARY TO CONSTRUCT THE ROADWAYS AND ASSOCIATED DRAINAGE FACILITIES.
2. HAY BALE BARRIERS AND SEDIMENT TRAPS SHALL BE INSTALLED AS REQUIRED. BARRIERS AND TRAPS ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
3. BALED HAY AND MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
4. FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
5. STOCKPILED MATERIALS SHALL BE PLACED ONLY IN AREAS SHOWN ON THE PLANS. STOCKPILES SHALL BE PROTECTED BY SILTATION FENCE AND SEEDED TO PREVENT EROSION. THESE MEASURES SHALL REMAIN UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE.
6. ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED. A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA.
7. APPLICATION OF GRASS SEED, FERTILIZERS AND MULCH SHALL BE ACCOMPLISHED BY BROADCAST SEEDING OR HYDROSEEDING AT THE RATES OUTLINED BELOW:

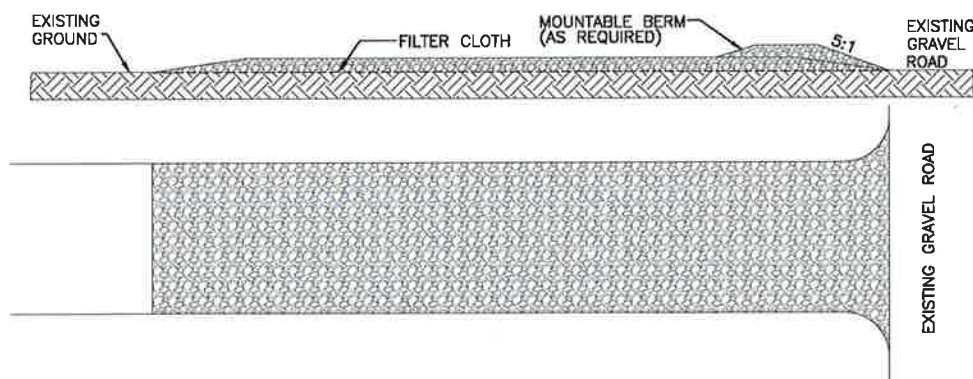
EROSION	LIMESTONE:	75-100 LBS./1,000 SQ FT
	FERTILIZER:	RATE RECOMMENDED BY MANUFACTURER
	MULCH:	HAY MULCH APPROXIMATELY 3 TON/ACRE UNLESS CONTROL MATTING IS USED
	SEED MIX:	(SLOPES LESS THAN 4:1) LBS./ACRE
		CREeping RED FESCUE 20
		TALL FESCUE 20
		REDTOP 2
		42
		(SLOPES GREATER THAN 4:1) LBS./ACRE
		CREeping RED FESCUE 20
		TALL FESCUE 20
		BIRDSFOOT TREEFOIL 8
		48

8. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED.
9. ALL CATCH BASIN INLETS WILL BE PROTECTED WITH LOW POINT SEDIMENTATION BARRIER.
10. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED AND CLEANED AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
11. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA.
12. NO DISCHARGE SHALL BE DIRECTED TOWARDS ANY PROPOSED DITCHES, SWALES, OR PONDS UNTIL THEY HAVE BEEN PROPERLY STABILIZED.



- NOTES:
1. SILT SOCK SHALL BE FILTREXX SILT SOCK, OR APPROVED EQUAL.
 2. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
 3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
 4. SEE SPECIFICATIONS FOR SOCK SIZE, AND COMPOST FILL, REQUIREMENTS.

SILT SOCK DETAIL 1
SCALE: N.T.S. A-3



- NOTES:
1. STONE SIZE - USE 37 MM (1 1/2 IN.) STONE.
 2. LENGTH - NOT LESS THAN 15M (50 FT.)
 3. THICKNESS - NOT LESS THAN 150MM (6 IN.)
 4. WIDTH - 3.5 METER (TWELVE (12) FT.) MINIMUM.
 5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
 9. THE TOWN OF BELCHERTOWN TO GIVE FINAL APPROVAL OF REMOVAL.

STABILIZED CONSTRUCTION ENTRANCE DETAIL 2
SCALE: N.T.S. A-3

FOR ZONING

PREPARED FOR:

verizon

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CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
3	02/08/20	ADDED FUTURE CARRIER SPACE	SJY
2	01/22/20	REVISED PER COMMENTS	SJY
1	11/11/19	PROPOSED GRASSSED SWALE	OS
0	08/30/19	FOR ZONING	RL

SITE NAME:
RYE 2 NH

SITE ADDRESS:
68 PORT WAY
RYE, NH 03870

SHEET TITLE
EROSION CONTROL
NOTES & DETAILS

SHEET NUMBER

A-3