

PROPOSED WIRELESS COMMUNICATION FACILITY

verizonwireless
NEW YORK SMSA
LIMITED PARTNERSHIP
D/B/A VERIZON WIRELESS
400 Warren Corporate Center Drive. Building D.
Warren, New Jersey 07059
Site: Westfield 4

1033 SPRINGFIELD AVENUE
CRANFORD, NJ 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4 & 5
BLOCK: 122 LOT: 25
UNION COUNTY
T-Mobile
NORTHEAST LLC.
4 Sylvan Way
Parsippany, New Jersey 07054
Site: NJ09961B

AT&T
Mobility
NEW CINGULAR WIRELESS PCS, LLC
BY AT&T MOBILITY CORPORATION
One AT&T Way
Bedminster, New Jersey 07921
Site: W-1128
FA: 10110601

FCArchitects
350 Clark Drive| Suite 304
Mount Olive, NJ 07828
973-726-7164 | 973-726-7204
fcolasurdo@fcarchitectsinc.com
Frank Colasurdo Architects, Inc

Frank Colasurdo, RA Date
NJ Lic. #13753
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PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079
APPLICANT/CLIENT:
verizonwireless
New York SMSA Limited
Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000
CO-APPLICANT/CLIENT:

AT&T
Mobility
New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
Bedminster, NJ 07921
(908) 532-1995
CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT: WIRELESS COMMUNICATION FACILITY "WESTFIELD 4" 1033 SPRINGFIELD AVE, CRANFORD, NEW JERSEY 07016 BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4 & 5, BLOCK: 122 LOT: 25 UNION COUNTY		
5	REV. 4 UPDATED LOT	09/06/19
4	REV. 3 BULK CHART	07/11/19
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:
COVER SHEET
PROJECT No:
VER3818
W-1128
NJ09961B
SITE DESIGNATION:
UNION COUNTY
COLLEGE
DRAWN BY:
AMA
DATE:
11/28/18
SHEET No:
Z1

SITE MAP	PROJECT CONTACTS	SIGNATURE BLOCK	LIST OF DRAWINGS				
	<div>VERIZON WIRELESS:</div> <ul style="list-style-type: none">REAL ESTATE: TONY EGIDIO (908) 256-7515CONSTRUCTION: CHRIS MURRAY (973) 277-1914RF ENGINEER: GLEN PIERSON (201) 572-6206PROJECT PLANNER: WILLIAM MASTERS (973) 540-1332ATTORNEY: PRICE, MEESE SHULMAN & D'ARMINIO 50 TICE BOULEVARD, SUITE 380 WOODCLIFF LAKE, NJ 07677 GREGORY D. MEESE (201) 391-3737CITY: TOWNSHIP OF CRANFORD 8 SPRINGFIELD AVENUE CRANFORD, NJ 07016 (908) 709-7200	<div>AT&T:</div> <ul style="list-style-type: none">REAL ESTATE: VICKY BRENNNA (516) 557-2398RF ENGINEER: GLEN PIERSON (201) 572-6206T-MOBILE:REAL ESTATE: THERESA MERCADO (973) 766-2835RF ENGINEER: GLEN PIERSON (201) 572-6206	<div>THIS APPLICATION NO. _____ IS APPROVED BY THE CRANFORD TOWNSHIP ZONING BOARD OF ADJUSTMENT.</div> <div>CHAIRPERSON _____</div> <div>DATE _____</div> <div>SECRETARY _____</div> <div>DATE _____</div> <div>BOARD ENGINEER _____</div> <div>DATE _____</div>	Sheet	Title	Issue #	Date
	Z1	COVER SHEET	5	09/06/19			
	Z2	200 FT PROPERTY OWNERS LIST	5	09/06/19			
Z2a	AERIAL AND TAX MAP & 200 FT PROPERTY OWNERS LIST	5	09/06/19				
Z3	ZONING MAP	5	09/06/19				
Z4	OVERALL SITE KEY PLAN	5	09/06/19				
Z5	SITE PLAN AND ZONING INFORMATION	5	09/06/19				
Z6	COMPOUND PLAN & SITE ELEVATION	5	09/06/19				
Z7	VERIZON EQUIPMENT PLAN & ELEVATION	5	09/06/19				
Z8	VERIZON EQUIPMENT CABINET SPECIFICATIONS	5	09/06/19				
Z9	VERIZON ANTENNA PLAN & DETAILS	5	09/06/19				
Z10	VERIZON RRH'S & GPS DETAILS AND SPECS	5	09/06/19				
Z11	VERIZON GENERATOR SPECIFICATIONS	5	09/06/19				
Z12	AT&T EQUIPMENT PLAN & ELEVATION	5	09/06/19				
Z13	AT&T EQUIPMENT CABINET SPECIFICATIONS	5	09/06/19				
Z14	AT&T ANTENNA PLAN & DETAILS	5	09/06/19				
Z15	AT&T RRH'S & GPS DETAILS AND SPECS	5	09/06/19				
Z16	AT&T GENERATOR SPECIFICATIONS	5	09/06/19				
Z17	T-MOBILE EQUIPMENT PLAN & ELEVATION	5	09/06/19				
Z18	T-MOBILE EQUIPMENT CABINET SPECIFICATIONS	5	09/06/19				
Z19	T-MOBILE ANTENNA PLAN & DETAILS	5	09/06/19				
Z20	T-MOBILE RRH'S & GPS DETAILS AND SPECS	5	09/06/19				
Z21	T-MOBILE GENERATOR SPECIFICATIONS	5	09/06/19				
Z22	MISCELLANEOUS SITE DETAILS	5	09/06/19				
Z23	GRADING PLAN	5	09/06/19				
Z24	SITE CROSS SECTION	5	09/06/19				
Z25	LANDSCAPING PLAN AND DETAILS	5	09/06/19				
Z26	SOIL AND SEDIMENT CONTROL PLAN AND DETAILS	5	09/06/19				
Z27	SOIL AND SEDIMENT CONTROL NOTES	5	09/06/19				
BUILDING CODE COMPLIANCE	SCOPE OF WORK						
REFERENCE CODES: NUCC, NJBC 2015, N.E.C. 2014, EIA/TIA 222 REV.G-1 - 2007	<div>1. THE CONSTRUCTION OF A NEW WIRELESS COMMUNICATIONS FACILITY FOR VERIZON WIRELESS, AT&T AND T-MOBILE.</div> <div>2. THE PROPOSED WIRELESS COMMUNICATIONS FACILITY IS NOT INTENDED FOR HUMAN OCCUPANCY AND WILL BE VISITED APPROXIMATELY ONCE EVERY FOUR TO SIX WEEKS BY EACH CARRIER FOR ROUTINE MAINTENANCE.</div> <div>3. THE FACILITY SHALL BE MONITORED FROM REMOTE MONITORING FACILITIES AND IN CASE OF AN EMERGENCY THE LOCAL FIRE OR POLICE DEPARTMENT WILL BE NOTIFIED.</div> <div>4. CONNECTIONS FOR THE PROPOSED ELECTRIC AND TELEPHONE SERVICE ARE BASED ON SITE COORDINATION MEETINGS WITH THE LOCAL UTILITY COMPANIES.</div> <div>5. THIS PROJECT DOES NOT REQUIRE ANY ADDITIONAL PARKING SPACES.</div> <div>6. THIS PROJECT DOES NOT INVOLVE POTABLE WATER AND WILL NOT PRODUCE ANY SEWAGE.</div> <div>7. THIS TYPE/NATURE OF THE WIRELESS FACILITY REQUIRES SPECIALIZED TRAINED TECHNICIANS AND IS EXEMPT FROM ADA COMPLIANCE.</div>		REFERENCE DRAWINGS: 1) FIELD MEASUREMENTS TAKEN ON 03/19/2015 BY FC Architects. 2) SITE IMPROVEMENTS AND LOCATIONS OF PROPERTY LINES ARE BASED A BOUNDARY SURVEY PREPARED BY RICHARD M. GARDELL, LLC # 36729, GARDELL ASSOCIATES, INC. LAND SURVEYING AND CONSULTING SERVICES, 57 KELLER AVENUE, ROCKAWAY, NEW JERSEY, 07866 TITLE "BOUNDARY SURVEY," BLOCK 212, LOT 2.01, CRANFORD TOWNSHIP, UNION COUNTY, NEW JERSEY, DATED 4-4-2019				

LIST OF PROPERTY OWNERS WITH 200' OF SUBJECT PARCEL (CRANFORD TOWNSHIP)



Cranford Township Parcel Offset List

Target Parcel(s): Block-Lot: 121-1
UNION COLLEGE
SPRINGFIELD AVE
15 parcels fall within 200 feet of this parcel(s).

Block-Lot: 118-6 REYNOLDS, BRIAN & KWATKOWSKI 9 RUTGERS RD CRANFORD, NJ 07016 RE: 9 RUTGERS RD	Block-Lot: 118-8 TROJAN, CHRISTOPHER R & SUSAN 3 RUTGERS RD CRANFORD, NJ 07016 RE: 9 RUTGERS RD
Block-Lot: 118-5 BODDIE, BROCKINGTON T & FEENEY MARIE 10 PRINCETON RD CRANFORD, NJ 07016 RE: 10 PRINCETON RD	Block-Lot: 118-7 MATTHEWS, DAVID K & MARIA E 5 RUTGERS RD CRANFORD, NJ 07016 RE: 5 RUTGERS RD
Block-Lot: 118-14 CAROLLO, ANDREW & SUSAN 6 PRINCETON RD CRANFORD, NJ 07016 RE: 6 PRINCETON RD	Block-Lot: 118-8 MUNOZ, JOANNA & WOODS, MICHAEL 7 RUTGERS RD CRANFORD, NJ 07016 RE: 7 RUTGERS RD
Block-Lot: 118-13 APICELLA, DENNIS P & NANCY C 6 PRINCETON RD CRANFORD, NJ 07016 RE: 6 PRINCETON RD	Block-Lot: 118-10 TAPP, KENNETH & MARIETTA 1101 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1101 SPRINGFIELD AVE
Block-Lot: 118-12 COOK, GLEN & MARYBETH 4 PRINCETON RD CRANFORD, NJ 07016 RE: 4 PRINCETON RD	Block-Lot: 118-17 SWEFACH, FLORENCE JEAN 14 PRINCETON RD CRANFORD, NJ 07016 RE: 14 PRINCETON RD
Block-Lot: 118-11 TOWPKINS, CHARLES & MARY ANN 2 PRINCETON RD CRANFORD, NJ 07016 RE: 2 PRINCETON RD	Block-Lot: 118-16 BRODERICK, CARMELO /MCAVEY, MARK 12 PRINCETON RD CRANFORD, NJ 07016 RE: 12 PRINCETON RD
Block-Lot: 121-2.02 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE	Block-Lot: 121-2.01 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 105-1 ADMIN BLDGETOWN PLAZA ELIZABETH, N.J 07207 RE: 1033 SPRINGFIELD AVE	

Target Parcel(s): Block-Lot: 121-3
UNION COLLEGE
COLBY LN REAR
23 parcels fall within 200 feet of this parcel(s).

Block-Lot: 122-22 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, NJ 07016 RE: 8 YALE TERR	Block-Lot: 122-9 SWANSON, SCOTT & KRISTA 27 HARVARD RD CRANFORD, NJ 07016 RE: 27 HARVARD RD
Block-Lot: 122-21 RIVERA, LUIS & ARACELI REVOC TRUST 10 YALE TERR CRANFORD, NJ 07016 RE: 10 YALE TERR	Block-Lot: 122-20 SHANAHAN, JAMES PWIELER, ELIZABETH 12 YALE TERR CRANFORD, NJ 07016 RE: 12 YALE TERR
Block-Lot: 122-13 LUKENDA, ROBERT 35 HARVARD RD CRANFORD, NJ 07016 RE: 35 HARVARD RD	Block-Lot: 122-18 SPITZ, THEODORE & MADELINE 14 YALE TERR CRANFORD, NJ 07016 RE: 14 YALE TERR
Block-Lot: 122-12 WETHERELL, KEVIN & KAREN 33 HARVARD RD CRANFORD, NJ 07016 RE: 33 HARVARD RD	Block-Lot: 122-14 POLITO, EDWARD & PATRICIA 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST
Block-Lot: 122-11 DEL RUSSO, PHYLLIS / WEISS, DEBRA 31 HARVARD RD CRANFORD, NJ 07016 RE: 31 HARVARD RD	Block-Lot: 122-15 PALM, GARY A & TERESA M 1053 COOLIDGE ST CRANFORD, NJ 07016 RE: 1053 COOLIDGE ST
Block-Lot: 122-10 JULIAN, ROBERT J & KIMBERLY C 29 HARVARD RD CRANFORD, NJ 07016 RE: 29 HARVARD RD	Block-Lot: 122-16 BANGE, MICHAEL & LAROSA, KELLY ANN 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST
Block-Lot: 122-1 PFALZ, ANDREW & JENNIFER 32 COLBY LN CRANFORD, NJ 07016 RE: 32 COLBY LN	Block-Lot: 122-19 SUSZKO, PAUL M, ANN (LE) 34 BROWN TERR CRANFORD, NJ 07016 RE: 34 BROWN TERR
Block-Lot: 121-4 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE	Block-Lot: 121-5 SUSZKO, PAUL M, ANN (LE) 34 BROWN TERR CRANFORD, NJ 07016 RE: 34 BROWN TERR
Block-Lot: 121-5 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE	Block-Lot: 121-6 SUSZKO, PAUL M, ANN (LE) 34 BROWN TERR CRANFORD, NJ 07016 RE: 34 BROWN TERR
Block-Lot: 122-8 MC HUGH, THOMAS K & JOANNE-TRUSTEES 25 HARVARD RD CRANFORD, NJ 07016 RE: 25 HARVARD RD	Block-Lot: 122-1 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, NJ 07016 RE: 8 YALE TERR

Target Parcel(s): Block-Lot: 121-2.01
UNION COUNTY COLLEGE
1033 SPRINGFIELD AVE
54 parcels fall within 200 feet of this parcel(s).

Block-Lot: 122-21 RIVERA, LUIS & ARACELI REVOC TRUST 10 PRINCETON RD CRANFORD, NJ 07016 RE: 10 YALE TERR	Block-Lot: 118-15 BODDIE, BROCKINGTON T & FEENEY MARIE 10 PRINCETON RD CRANFORD, NJ 07016 RE: 10 PRINCETON RD
Block-Lot: 122-12 WETHERELL, KEVIN & KAREN 33 HARVARD RD CRANFORD, NJ 07016 RE: 33 HARVARD RD	Block-Lot: 118-14 CAROLLO, ANDREW & SUSAN 6 PRINCETON RD CRANFORD, NJ 07016 RE: 6 PRINCETON RD
Block-Lot: 122-11 DEL RUSSO, PHYLLIS / WEISS, DEBRA 31 HARVARD RD CRANFORD, NJ 07016 RE: 31 HARVARD RD	Block-Lot: 118-13 APICELLA, DENNIS P & NANCY C 6 PRINCETON RD CRANFORD, NJ 07016 RE: 6 PRINCETON RD
Block-Lot: 122-10 JULIAN, ROBERT J & KIMBERLY C 29 HARVARD RD CRANFORD, NJ 07016 RE: 29 HARVARD RD	Block-Lot: 118-12 COOK, GLEN & MARYBETH 4 PRINCETON RD CRANFORD, NJ 07016 RE: 4 PRINCETON RD
Block-Lot: 122-9 SWANSON, SCOTT & KRISTA 27 HARVARD RD CRANFORD, NJ 07016 RE: 27 HARVARD RD	Block-Lot: 118-11 TOWPKINS, CHARLES & MARY ANN 2 PRINCETON RD CRANFORD, NJ 07016 RE: 2 PRINCETON RD
Block-Lot: 122-8 MC HUGH, THOMAS K & JOANNE-TRUSTEES 25 HARVARD RD CRANFORD, NJ 07016 RE: 25 HARVARD RD	Block-Lot: 122-7 LYNSKEY, SEAN & CICHAR, CARLA ANNE 23 PRINCETON RD CRANFORD, NJ 07016 RE: 23 PRINCETON RD
Block-Lot: 122-6 SZARK, JOSEPH III & KRISTA APICELLA, DENNIS P & NANCY C 6 PRINCETON RD CRANFORD, NJ 07016 RE: 6 PRINCETON RD	Block-Lot: 122-5 PENA, RALPH & NANCY CRANFORD, NJ 07016 RE: 16 YALE TERR
Block-Lot: 122-5 PENA, RALPH & NANCY CRANFORD, NJ 07016 RE: 16 YALE TERR	Block-Lot: 122-4 EURELL, DAVID & ROSEMARIE 4 PENN RD CRANFORD, NJ 07016 RE: 4 PENN RD
Block-Lot: 122-4 EURELL, DAVID & ROSEMARIE 4 PENN RD CRANFORD, NJ 07016 RE: 4 PENN RD	Block-Lot: 122-3 PENA, RALPH & NANCY CRANFORD, NJ 07016 RE: 16 YALE TERR
Block-Lot: 122-3 PENA, RALPH & NANCY CRANFORD, NJ 07016 RE: 16 YALE TERR	Block-Lot: 122-2 LYNSKEY, SEAN & CICHAR, CARLA ANNE 23 PRINCETON RD CRANFORD, NJ 07016 RE: 23 PRINCETON RD
Block-Lot: 122-2 LYNSKEY, SEAN & CICHAR, CARLA ANNE 23 PRINCETON RD CRANFORD, NJ 07016 RE: 23 PRINCETON RD	Block-Lot: 122-1 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, NJ 07016 RE: 8 YALE TERR

Block-Lot: 122-29 SCHULTZ, LEO N & LINDA F 21 PRINCETON RD CRANFORD, NJ 07016 RE: 21 PRINCETON RD	Block-Lot: 120-20 FARLEY, GRACE 37 PRINCETON RD CRANFORD, NJ 07016 RE: 37 PRINCETON RD
Block-Lot: 120-27 LYNSKEY, SEAN & CICHAR, CARLA ANNE 23 PRINCETON RD CRANFORD, NJ 07016 RE: 23 PRINCETON RD	Block-Lot: 120-19 SORIENTE, RAYMOND G & OLGA M 39 PRINCETON RD CRANFORD, NJ 07016 RE: 39 PRINCETON RD
Block-Lot: 120-26 SZARK, JOSEPH III & KRISTA APICELLA, DENNIS P & NANCY C 6 PRINCETON RD CRANFORD, NJ 07016 RE: 6 PRINCETON RD	Block-Lot: 120-18 DE VELDE REVOCABLE LIVING TRUST 41 PRINCETON RD CRANFORD, NJ 07016 RE: 41 PRINCETON RD
Block-Lot: 120-25 PENA, RALPH & NANCY CRANFORD, NJ 07016 RE: 16 YALE TERR	Block-Lot: 120-17 CARAMANICA, THOMAS & EILEEN 41 PRINCETON RD CRANFORD, NJ 07016 RE: 41 PRINCETON RD
Block-Lot: 120-24 SYKES, HOLLISTER & ADELE 29 PRINCETON RD CRANFORD, NJ 07016 RE: 29 PRINCETON RD	Block-Lot: 120-16 HORN, WILLIAM O & MARIETTA 42 PRINCETON RD CRANFORD, NJ 07016 RE: 42 PRINCETON RD
Block-Lot: 120-23 SCHIMMOWITZ, ALAN & LEE ANN 31 PRINCETON RD CRANFORD, NJ 07016 RE: 31 PRINCETON RD	Block-Lot: 120-15 EXAMHANS, THEODORE & JULIE A 40 PRINCETON RD CRANFORD, NJ 07016 RE: 40 PRINCETON RD
Block-Lot: 120-22 FELDMAN, ANDREW & LAUREN 33 PRINCETON RD CRANFORD, NJ 07016 RE: 33 PRINCETON RD	Block-Lot: 120-14 WALSH, RICHARD J & DEBORAH L 38 PRINCETON RD CRANFORD, NJ 07016 RE: 38 PRINCETON RD
Block-Lot: 120-21 PARKER, DANN LEROY JR 35 PRINCETON RD CRANFORD, NJ 07016 RE: 35 PRINCETON RD	Block-Lot: 120-13 STOCHLINSKI, JOSEPH & DIANE 36 PRINCETON RD CRANFORD, NJ 07016 RE: 36 PRINCETON RD
Block-Lot: 120-12 DONOHUE, DAVID A & INGER J 48 RUTGERS RD CRANFORD, NJ 07016 RE: 48 RUTGERS RD	Block-Lot: 120-11 UNION COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 120-11 GRADZINSKI, CHRYSTIE R & DONNA ANN 26 PRINCETON RD CRANFORD, NJ 07016 RE: 26 PRINCETON RD	Block-Lot: 120-10 MC DERMOTT, JOHN & MILA 44 RUTGERS RD CRANFORD, NJ 07016 RE: 44 RUTGERS RD
Block-Lot: 120-9 EGAN, JOHN & SUZANNE 24 PRINCETON RD CRANFORD, NJ 07016 RE: 24 PRINCETON RD	Block-Lot: 120-8 SHANAHAN, JAMES PWIELER, ELIZABETH 12 YALE TERR CRANFORD, NJ 07016 RE: 12 YALE TERR
Block-Lot: 120-8 KIEBLER, HENZ G & JUDITH K 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST	Block-Lot: 120-7 POLITO, EDWARD & PATRICIA 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST
Block-Lot: 120-6 MATTHEWS, DAVID K & MARIA E 5 RUTGERS RD CRANFORD, NJ 07016 RE: 5 RUTGERS RD	Block-Lot: 120-5 PALM, GARY A & TERESA M 1053 COOLIDGE ST CRANFORD, NJ 07016 RE: 1053 COOLIDGE ST
Block-Lot: 120-5 PALM, GARY A & TERESA M 1053 COOLIDGE ST CRANFORD, NJ 07016 RE: 1053 COOLIDGE ST	Block-Lot: 120-4 BANGE, MICHAEL & LAROSA, KELLY ANN 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST
Block-Lot: 120-3 SUSZKO, PAUL M, ANN (LE) 34 BROWN TERR CRANFORD, NJ 07016 RE: 34 BROWN TERR	Block-Lot: 120-2 LYNSKEY, SEAN & CICHAR, CARLA ANNE 23 PRINCETON RD CRANFORD, NJ 07016 RE: 23 PRINCETON RD
Block-Lot: 120-2 LYNSKEY, SEAN & CICHAR, CARLA ANNE 23 PRINCETON RD CRANFORD, NJ 07016 RE: 23 PRINCETON RD	Block-Lot: 120-1 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, NJ 07016 RE: 8 YALE TERR

Target Parcel(s): Block-Lot: 121-2.02
UNION COUNTY COLLEGE
1033 SPRINGFIELD AVE
5 parcels fall within 200 feet of this parcel(s).

Block-Lot: 121-4 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE	Block-Lot: 121-3 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 121-2 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE	Block-Lot: 121-1 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 121-1 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE

Target Parcel(s): Block-Lot: 122-25
UNION CITY COLLEGE FTDN % BRUSCHETTI
995 SPRINGFIELD AVE
11 parcels fall within 200 feet of this parcel(s).

Block-Lot: 122-24 EURELL, DAVID & ROSEMARIE 4 PENN RD CRANFORD, NJ 07016 RE: 4 PENN RD	Block-Lot: 121-4 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-23 PENA, RALPH & NANCY CRANFORD, NJ 07016 RE: 16 YALE TERR	Block-Lot: 121-3 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-22 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, NJ 07016 RE: 8 YALE TERR	Block-Lot: 121-2 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-21 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, NJ 07016 RE: 8 YALE TERR	Block-Lot: 121-1 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-20 KASBOW, PATRICK M & DIANE E 17 PRINCETON RD CRANFORD, NJ 07016 RE: 17 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-19 OLESKY, DEIRDRE & PETER 15 PRINCETON RD CRANFORD, NJ 07016 RE: 15 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-18 DE VELDE REVOCABLE LIVING TRUST 41 PRINCETON RD CRANFORD, NJ 07016 RE: 41 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-17 CARAMANICA, THOMAS & EILEEN 41 PRINCETON RD CRANFORD, NJ 07016 RE: 41 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-16 HORN, WILLIAM O & MARIETTA 42 PRINCETON RD CRANFORD, NJ 07016 RE: 42 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-15 EXAMHANS, THEODORE & JULIE A 40 PRINCETON RD CRANFORD, NJ 07016 RE: 40 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-14 WALSH, RICHARD J & DEBORAH L 38 PRINCETON RD CRANFORD, NJ 07016 RE: 38 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-13 STOCHLINSKI, JOSEPH & DIANE 36 PRINCETON RD CRANFORD, NJ 07016 RE: 36 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-12 DONOHUE, DAVID A & INGER J 48 RUTGERS RD CRANFORD, NJ 07016 RE: 48 RUTGERS RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-11 GRADZINSKI, CHRYSTIE R & DONNA ANN 26 PRINCETON RD CRANFORD, NJ 07016 RE: 26 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-10 EGAN, JOHN & SUZANNE 24 PRINCETON RD CRANFORD, NJ 07016 RE: 24 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-9 KIEBLER, HENZ G & JUDITH K 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-8 MATTHEWS, DAVID K & MARIA E 5 RUTGERS RD CRANFORD, NJ 07016 RE: 5 RUTGERS RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-7 POLITO, EDWARD & PATRICIA 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-6 MATTHEWS, DAVID K & MARIA E 5 RUTGERS RD CRANFORD, NJ 07016 RE: 5 RUTGERS RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-5 PALM, GARY A & TERESA M 1053 COOLIDGE ST CRANFORD, NJ 07016 RE: 1053 COOLIDGE ST	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-4 BANGE, MICHAEL & LAROSA, KELLY ANN 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-3 SUSZKO, PAUL M, ANN (LE) 34 BROWN TERR CRANFORD, NJ 07016 RE: 34 BROWN TERR	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-2 LYNSKEY, SEAN & CICHAR, CARLA ANNE 23 PRINCETON RD CRANFORD, NJ 07016 RE: 23 PRINCETON RD	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE
Block-Lot: 122-1 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, NJ 07016 RE: 8 YALE TERR	Block-Lot: 121-0 UNION COUNTY COLLEGE 1033 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 1033 SPRINGFIELD AVE

Target Parcel(s): Block-Lot: 121-4
UNION COUNTY COLLEGE
GALLOW'S HILL RD
88 parcels fall within 200 feet of this parcel(s).

Block-Lot: 122-24 EURELL, DAVID & ROSEMARIE 4 PENN RD CRANFORD, N J 07016 RE: 4 PENN RD	Block-Lot: 122-14 CARPENTER, MICHAEL & LYNN 37 HARVARD RD CRANFORD, NJ 07016 RE: 37 HARVARD RD
Block-Lot: 122-23 PENA, RALPH & NANCY 6 YALE TERR CRANFORD, N J 07016 RE: 8 YALE TERR	Block-Lot: 122-13 LUKENDA, ROBERT 35 HARVARD RD CRANFORD, NJ 07016 RE: 35 HARVARD RD
Block-Lot: 122-22 MORRISON, ROBERT & A MARIE 8 YALE TERR CRANFORD, N J 07016 RE: 8 YALE TERR	Block-Lot: 122-12 WETHERELL, KEVIN & KAREN 33 HARVARD RD CRANFORD, N J 07016 RE: 33 HARVARD RD
Block-Lot: 122-21 RIVERA, LUIS & ARACELI REVOC TRUST 10 YALE TERR CRANFORD, N J 07016 RE: 10 YALE TERR	Block-Lot: 122-11 DEL RUSSO, PHYLLIS / WEISS, DEBRA 31 HARVARD RD CRANFORD, N J 07016 RE: 31 HARVARD RD
Block-Lot: 122-19 BERLIN, DORIS 20 YALE TERR CRANFORD, N J 07016 RE: 20 YALE TERR	Block-Lot: 122-10 JULIAN, ROBERT J & KIMBERLY C 29 HARVARD RD CRANFORD, NJ 07016 RE: 29 HARVARD RD
Block-Lot: 122-18 STOCKLES, MICHAEL R & CATHELINE L 39 HARVARD RD CRANFORD, N J 07016 RE: 39 HARVARD RD	Block-Lot: 122-9 SWANSON, SCOTT & KRISTA 27 HARVARD RD CRANFORD, N J 07016 RE: 27 HARVARD RD
Block-Lot: 122-17 TOWNSHIP OF CRANFORD 8 SPRINGFIELD AVE CRANFORD, N J 07016 RE: 30 CORNELL RD REAR	Block-Lot: 122-8 FALLONE, FRANCO & KELLY ANN 36 CORNELL RD CRANFORD, N J 07016 RE: 36 CORNELL RD
Block-Lot: 122-16 HUANG, KANG & SING 34 CORNELL RD CRANFORD, N J 07016 RE: 28 CORNELL RD	Block-Lot: 122-7 VOLLBERG, CAROLYN L 34 CORNELL RD CRANFORD, N J 07016 RE: 34 CORNELL RD
Block-Lot: 122-15 ROTH, WALTER & ELEANOR 28 CORNELL RD CRANFORD, N J 07016 RE: 28 CORNELL RD	Block-Lot: 122-6 HOLLOWAY, MARGARET B 32 CORNELL RD CRANFORD, N J 07016 RE: 32 CORNELL RD
Block-Lot: 122-14 JOHN, GEORGE J & JANIS M 24 CORNELL RD CRANFORD, N J 07016 RE: 24 CORNELL RD	Block-Lot: 122-5 MUI, NELSON Y & TING C 7 YALE TERR CRANFORD, N J 07016 RE: 7 YALE TERR
Block-Lot: 122-13 HDA-GO, ANTHONY & ANDREA LYNN 32 CORNELL RD CRANFORD, NJ 07016 RE: 22 CORNELL RD	Block-Lot: 122-4 VELLAND, ANTHONY & SUSAN 9 YALE TERR CRANFORD, NJ 07016 RE: 9 YALE TERR
Block-Lot: 122-14 GUARILIA, LAWRENCE 20 CORNELL RD CRANFORD, N J 07016 RE: 20 CORNELL RD	Block-Lot: 122-7 BECKER, BEN H & RACHEL F 11 YALE TERR CRANFORD, N J 07016 RE: 11 YALE TERR
Block-Lot: 122-13 GRANDON, DOUGLAS & CORA 18 CORNELL RD CRANFORD, N J 07016 RE: 18 CORNELL RD	Block-Lot: 122-6 SHUKAT, J A & ORINDA, N A 15 YALE TERRACE CRANFORD, NJ 07016 RE: 15 YALE TERR
Block-Lot: 122-5 GARFOLTA, LISA SCHWARTZ 38 HARVARD RD CRANFORD, N J 07016 RE: 38 HARVARD RD	Block-Lot: 122-5 VETTER, ROBERT L & COLLEEN C 17 YALE TERR CRANFORD, N J 07016 RE: 17 YALE TERR
Block-Lot: 122-20 SHANAHAN, JAMES FWEILER, ELIZABETH 12 YALE TERR CRANFORD, N J 07016 RE: 12 YALE TERR	Block-Lot: 122-11 BANGE, MICHAEL & LAROSA, KELLY ANN 1059 COOLIDGE ST CRANFORD, NJ 07016 RE: 1059 COOLIDGE ST
Block-Lot: 122-19 RITZ, THODORE & MADELINE 14 YALE TERR CRANFORD, N J 07016 RE: 14 YALE TERR	Block-Lot: 122-14 FAIRVIEW MANOR LLC 831 SPRINGFIELD AVE CRANFORD, NJ 07016 RE: 831 SPRINGFIELD AVE
Block-Lot: 122-18 MESSLESKI, PETER J, JR & MICHAEL P 16 YALE TERR CRANFORD, NJ 07016 RE: 16 YALE TERR	Block-Lot: 122-15 SPINNER, KARL & LORI 3 PENN RD CRANFORD, NJ 07016 RE: 3 PENN RD
Block-Lot: 122-17 CROMPATI, PETER & NANCY HWY 18 YALE TERRACE CRANFORD, NJ 07016 RE: 18 YALE TERR	Block-Lot: 122-6 BUODMAN, KELVIN C & MARLENE 24 COLBY LN CRANFORD, N J 07016 RE: 24 COLBY LN
Block-Lot: 122-6 RUTH, ADAM & BROBECK, MELINDA 727 GALLOWS HILL RD CRANFORD, NJ 07016 RE: 727 GALLOWS HILL RD	Block-Lot: 122-9 PERROTTA, DAVID D & JULIA P 8 CORNELL RD CRANFORD, NJ 07016 RE: 8 CORNELL RD
Block-Lot: 122-7 ONGEMACH, ROBERT & LORRAINE 731 GALLOWS HILL RD CRANFORD, N J 07016 RE: 731 GALLOWS HILL RD	Block-Lot: 122-12 VAN LIEF, KENNETH J & TERRY H 22 COLBY LN CRANFORD, NJ 07016 RE: 22 COLBY LN
Block-Lot: 122-4 POLITO, EDWARD & PATRICIA 1059 COOLIDGE ST CRANFORD, N J 07016 RE: 1059 COOLIDGE ST	Block-Lot: 122-16 BAYTALA, JOHN S & LORI P 31 BROWN TERR CRANFORD, N J 07016 RE: 31 BROWN TERR
Block-Lot: 122-6 PALM, GARY A & TERESA M 1053 COOLIDGE ST CRANFORD, N J 07016 RE: 1053 COOLIDGE ST	Block-Lot: 122-15 NOVELLO, FRANCES M TRUST 29 BROWN TERR CRANFORD, NJ 07016 RE: 29 BROWN TERR

LIST OF PROPERTY OWNERS WITH 200' OF SUBJECT PARCEL
(WESTFIELD TOWNSHIP)

OWNER & ADDRESS REPORT						
WESTFIELD CRANFORD 04/08/19 Page 1						
BLOCK	LOT	QUAL	CLA	PROPERTY OWNER	PROPERTY LOCATION	Adj'l'l Lots
3601	12		2	GILLHAUS, PATRICIA B 1045 HARDING ST WESTFIELD, NJ 07090	1045 HARDING ST	
3601	13.01		2	MELVIN, THOMAS P & KATHLEEN F 1044 HARDING ST WESTFIELD, NJ 07090	1044 HARDING ST	
3601	13.02		2	JAKUB, JOHN A & NANCY L 260 GALLOW'S HILL RD WESTFIELD, NJ 07090	260 GALLOW'S HILL RD	
3601	14		1	ASSESSED IN CRANFORD 00000	1059 COOLIDGE ST - REAR	
3601	15		2	BRAUMAN, MICHAEL J & DANA L 1055 COOLIDGE ST WESTFIELD, NJ 07090	1055 COOLIDGE ST	
3601	16		2	FEYNHAEZ, RUBEN & RHOURY, CLAUDIA 945 WOODLAND AVE LINDEN, NJ 07036	1051 COOLIDGE ST	
3601	26		1	COLLOCKIO HOMES LLC 877 JERUSALEM RD SCOTCH PLAINS, NJ 07076	1032 HARDING ST	
3701	1		15E	FAIRVIEW CEMETERY P.O. BOX 550 WESTFIELD, NJ 07090	1100 E BROAD ST	

TOWN OF WESTFIELD
PUBLIC UTILITIES

ELIZABETHTOWN GAS CO.
1 ELIZABETHTOWN PLAZA
UNION, NJ 07083
Attn: Kenneth G. Ward
Corporate Secretary
908-289-5000

VERIZON NEW JERSEY
EXECUTIVE OFFICES
540 BROAD STREET-1004C
NEWARK, NJ 07102
Attn: Michael Daddio
201-649-5948

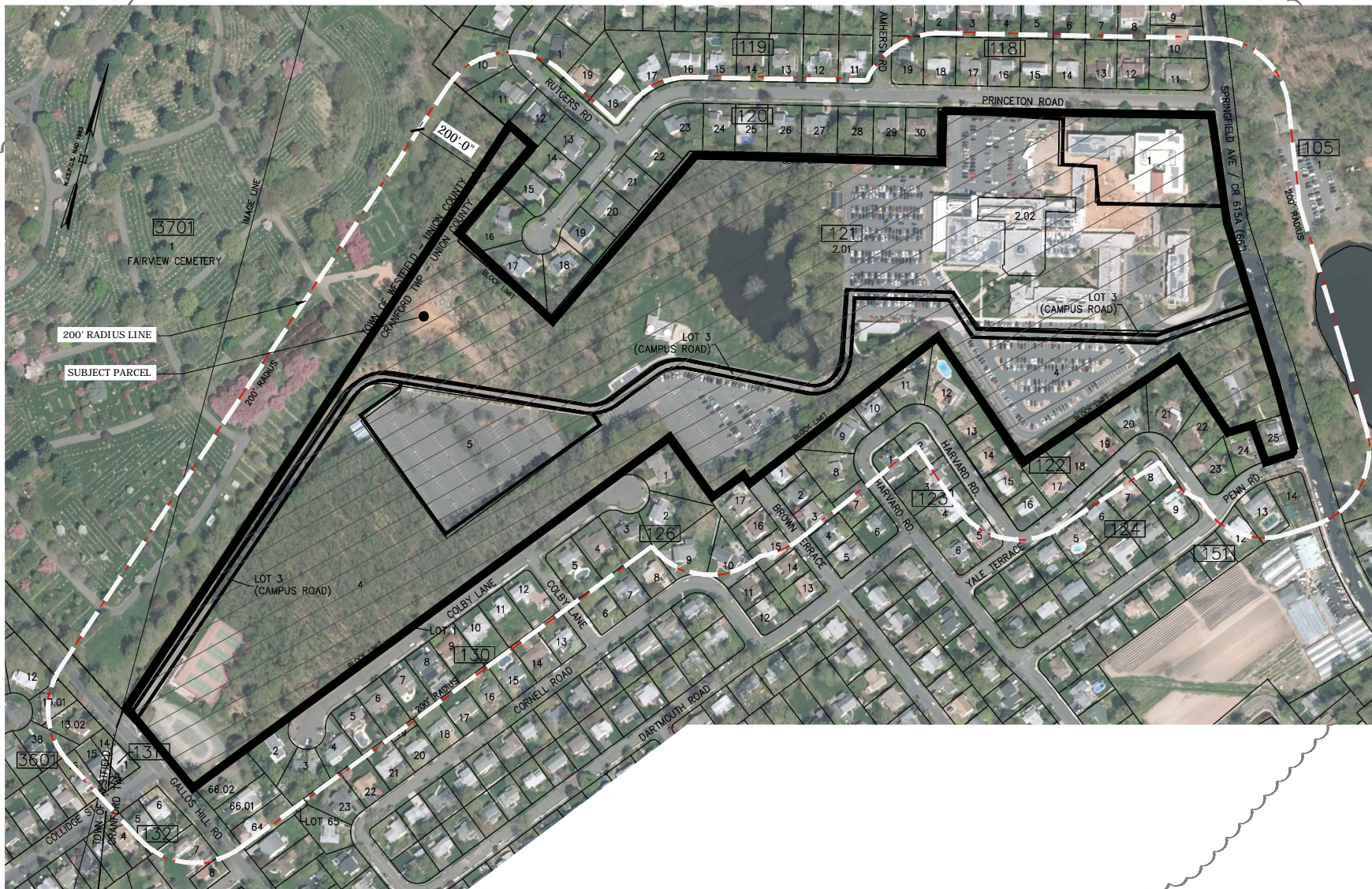
PUBLIC SERVICE ELECTRIC
& GAS COMPANY
Manager-Corporate Properties
80 PARK PLACE PLAZA 100
NEWARK, NJ 07102
Attn: Thomas Sriver
973-439-5666

NEW JERSEY AMERICAN WATER
PO BOX 111
PLAINFIELD, NJ 07061
Attn: Walter M. Brownell
Corporate Secretary
908-454-1234

COMCAST CABLEVISION
800 RAHWAY AVENUE
UNION, NJ 07083
Attn: Joe Fisher, General Manager
908-472-3033

RAILWAY VALLEY
SEWERAGE AUTHORITY
1050 E. HAZEL WOOD AVENUE
RAHWAY, NJ 07065
Attn: Richard Tokarski
732-388-0868

The listing of any public utility companies above, shall not be construed as complete compliance with any provision of the Municipal Land Use Law concerning notice to public utility companies as provided in August 1991 amendment. Other utilities may exist, and the applicant is responsible for verification and notification.



AERIAL AND TAX MAP #003 & #007-015 - TOWNSHIP OF CRANFORD
SCALE: 1"=200'-0" (SHEET SIZE 22" X 34")
SCALE: 1"=400'-0" (SHEET SIZE 11" X 17")
0 200 400
IN FEET

FCA ARCHITECTS

350 Clark Drive | Suite 304
Mount Olive, NJ 07828
O 973-726-7164 | F 973-726-7204
fcolasurdo@fcarchitectsinc.com

Frank Colasurdo Architects, Inc

Frank Colasurdo, RA Date

NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079

APPLICANT/CLIENT:

verizonwireless
New York SMSA Limited
Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000

CO-APPLICANT/CLIENT:

AT&T
Mobility

New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
Bedminster, NJ 07921
(908) 532-1995

CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
WIRELESS COMMUNICATION
FACILITY
"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
4		
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:
TAX MAP & 200 FT
PROPERTY
OWNERS LIST

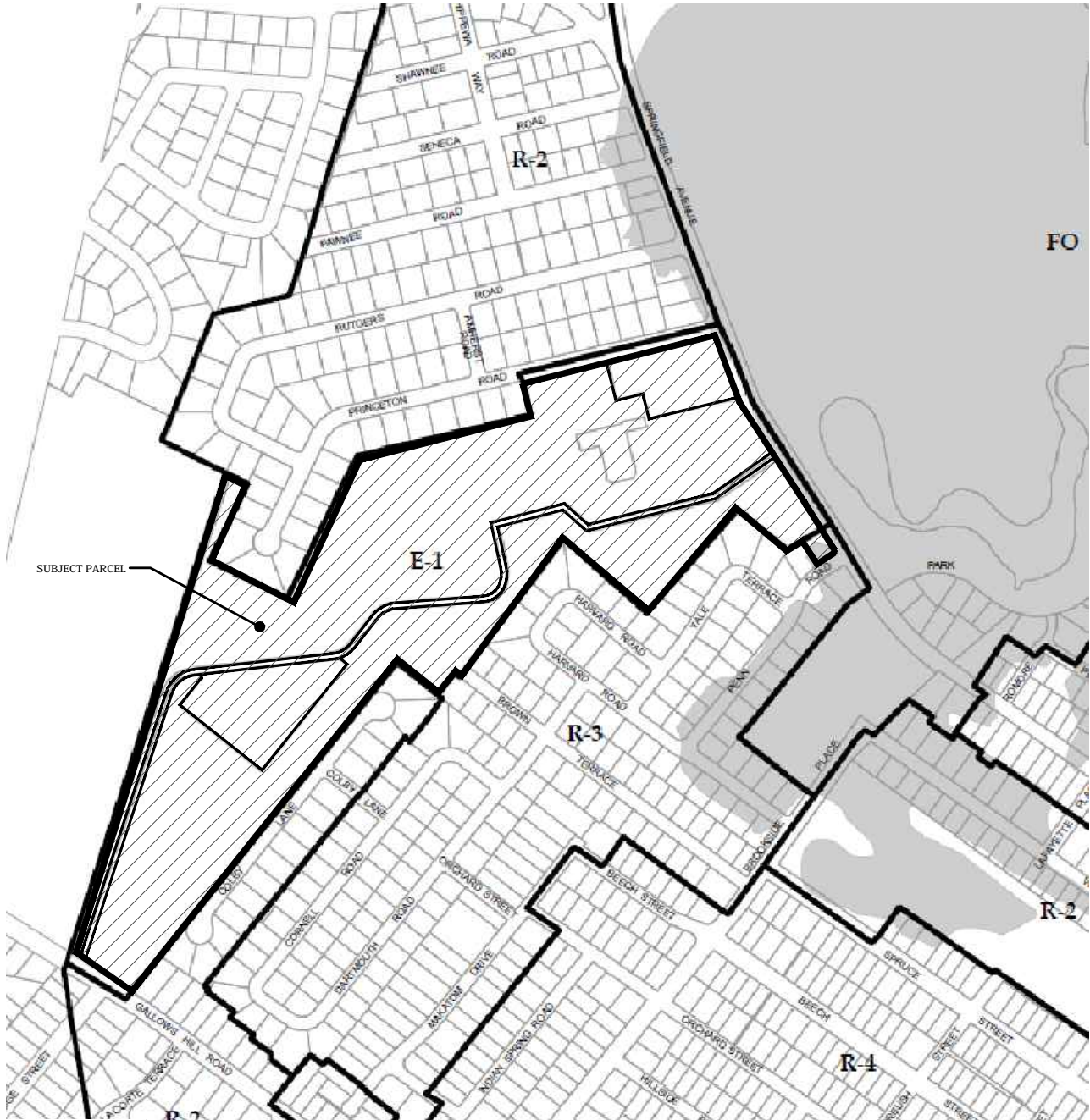
PROJECT No:
VER3818
W-1128
NJ09961B

SITE DESIGNATION:
UNION COUNTY
COLLEGE

DRAWN BY: AMA DATE: 11/28/18

SHEET No:

Z2A



Zoning Designations

District
Abbreviation
R-1
R-2
R-3
R-4
R-5
R-6
R-7
R-8
R-SC-1
IMR

Zoning Districts
One-Family Detached Residence District
One-Family Detached Residence District
One-Family Detached Residence District
One-Family Detached Residence District
One- and Two-Family Residence District
Townhouse Residence District
Garden Apartment Residence District
Apartment Residence District
Senior Citizen Apartment Residence District
Inclusionary Multifamily Residence District

D-C
D-B
D-T
VC
NC
O-1
O-2
ORC
C-1
C-2
C-3
E-1
P-1

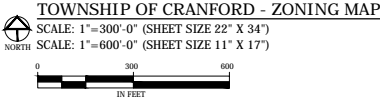
Downtown Core District
Downtown Business District
Downtown Transition District
Village Commercial District
Neighborhood Commercial District
Low Density Office Building District
Medium Density Office Building District
Office Residential Character District
Commercial - 1 District
Commercial - 2 District
Commercial - 3 District
Education District
Public Use District

R-CC
R-WG
R-R
R-ARR

FO

Redevelopment Districts
Cranford Crossing Redevelopment District
Western Gateway Rehabilitation District
Riverfront Redevelopment District
Age Restricted Redevelopment District

Overlay Districts
Floodplain Overlay District



Frank Colasurdo, RA Date
NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079
APPLICANT/CLIENT:

verizon wireless
New York SMSA Limited
Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000
CO-APPLICANT/CLIENT:

AT&T
Mobility
New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
Bedminster, NJ 07921
(908) 532-1995
CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
WIRELESS COMMUNICATION
FACILITY
"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
4		
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:
AERIAL AND
ZONING MAP

PROJECT No:
VER3818
W-1128
NJ09961B

SITE DESIGNATION:
UNION COUNTY
COLLEGE

DRAWN BY: AMA DATE: 11/28/18

SHEET No:
Z3

5	REV. 4 UPDATED LOT	09/06/19
4	REV. 3 BULK CHART	07/11/19
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

REGULATIONS FOR THE "E-1" - EDUCATION DISTRICT
TOWNSHIP OF CRANFORD, NEW JERSEY

BULK REGULATIONS	REQUIRED	EXISTING	PROPOSED	COMMENTS
MAX. BUILDING HEIGHT : ORD. 255-37 G(1)(a)	2 STORIES OR 35'-0"	± 35'-0" TO TOP OF EXISTING BUILDING	NO BUILDING PROPOSED 7'-1" TO TOP OF VERIZON EQUIPMENT 5'-5" TO TOP OF T-MOBILE EQUIPMENT 10'-7" TO TOP OF AT&T EQUIPMENT	
MIN. INTERIOR PROP. LINE SETBACK : ORD. 255-37 G(1)(b)	50'-0"	68'-0" OVER TO EXISTING BUILDING** (LOT 2.01)	84'-3" TO PROPOSED COMPOUND 89'-8" TO AT&T PROPOSED GENERATOR 99'-2" TO AT&T PROPOSED EQUIPMENT 112'-9" TO PROPOSED MONOPOLE FOUNDATION	4
MIN. STREET R.O.W. SETBACK : ORD. 255-37 G(1)(d)	3x BLDG. HEIGHT NOT < 70'-0"	55'-6" TO EXISTING BUILDING ** (INCLUDING ALL LOTS)	NO BUILDING PROPOSED 2069'-1" TO PROPOSED COMPOUND 2087'-11" TO T-MOBILE PROP. GENERATOR 2086'-7" TO VERIZON PROP. EQUIPMENT 2095'-8" TO PROPOSED MONOPOLE FOUNDATION	
MIN. LOT AREA : ORD. 255-37 G(1)(c)	45 ACRES	48.48 AC. (2111816.47SQ. FT. {ALL LOTS})	NO CHANGE	
MAX. FLOOR AREA RATIO: ORD. 255-37 G(1)(f)	16x THE TOTAL LOT AREA	±0.214	NO CHANGE NO BUILDING PROPOSED	
MIN. OPEN SPACE RATIO : ORD. 255-37 G(1)(e)	60% OF THE TOTAL LOT AREA	±61.1% (2111816.47SQ{ALL LOTS} / 822450.86SQ)	±61.0% (2111816.47SQ{ALL LOTS} / 824754.86SQ)	
REQUIRED SCREENING : ORD. 255-37 G(1)(f)	15'-0" FROM RESIDENTIAL ZONE	EXISTING WOODED AREA	NO CHANGE (NO TREES TO BE REMOVED)	

NOTES:
1. * DENOTES VARIANCE
2. ** DENOTES EXISTING NON-CONFORMING

REFERENCE DRAWINGS:
1) FIELD MEASUREMENTS TAKEN ON 12/08/2015 BY FC Architects.
2) SITE IMPROVEMENTS AND LOCATIONS OF PROPERTY LINES ARE BASED A BOUNDARY SURVEY PREPARED BY RICHARD M. GARDELL, LLC # 36729, GARDELL LAND SURVEYING, LLC., 57 KELLER AVENUE, ROCKAWAY, NEW JERSEY, 07866 TITLE "BOUNDARY SURVEY," BLOCK 212, LOT 2.01, CRANFORD TOWNSHIP, UNION COUNTY, NEW JERSEY, DATED 4-2-2019

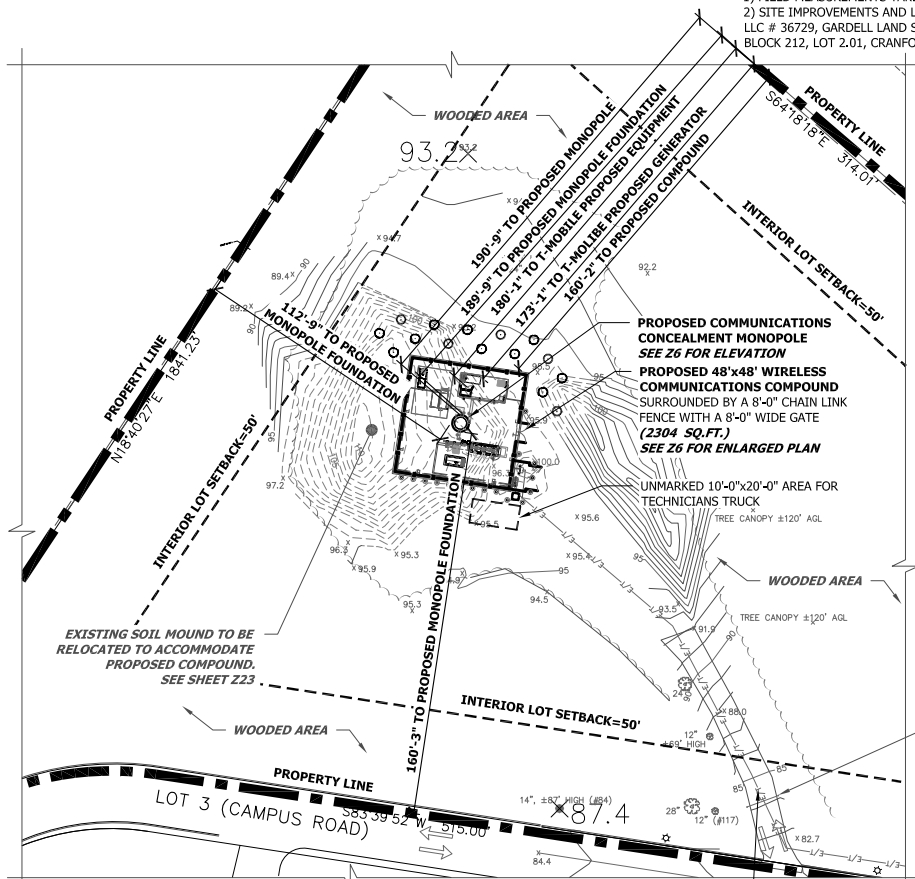
REGULATIONS FOR TELECOMMUNICATIONS ANTENNAS AND TOWERS
TOWNSHIP OF CRANFORD, NEW JERSEY

BULK REGULATIONS	REQUIRED	EXISTING	PROPOSED	COMMENTS
MAX TOWER HEIGHT: ORD. 255-37 I(10)(a)	70'-0"	NO EXISTING TOWER	140'-0" TO TOP OF MONOPOLE * 148'-0" TO TOP OF CONCEALMENT BRANCHES * 143'-0" TO TOP OF VERIZON ANTENNA * 133'-0" TO TOP OF AT&T ANTENNAS * 124'-0" TO TOP OF T-MOBILE ANTENNAS *	
MIN. SETBACKS: ORD. 255-37 I(10)(b)	125% OF TOWER HEIGHT (1.25 x 148' = 185')	NO EXISTING TOWER	112'-9" TO PROPOSED MONOPOLE FOUNDATION *	
SEPARATION DISTANCE - ANY ZONE DISTRICT WHICH RESIDENTIAL USE IS PERMITTED: ORD. 255-37 I(10)(c)	300'-0" OR 300% OF TOWER - WHICHEVER IS > TO RESIDENTIAL UNIT (3.00 x 148' = 444')	NO EXISTING TOWER	229'-7" TO NEAREST RESIDENTIAL UNIT * (BLOCK:119, LOT:17)	
MIN. SECURITY FENCING HEIGHT: ORD. 255-37 I(11)(a)	6'-0"	NONE EXISTING	8'-0" HIGH CHAIN LINK FENCE	
MAX. CABINET/STRUCTURE AREA: ORD. 255-37 I(12)(a)[1]	200 SQ. FT. GROSS FLOOR AREA	NONE EXISTING	41.5 SQ.FT. AT&T PROP. EQUIPMENT 10.1 SQ.FT. T-MOBILE PROP. EQUIPMENT 16 SQ.FT. VERIZON PROP. EQUIPMENT	
MAX. CABINET/STRUCTURE HEIGHT: ORD. 255-37 I(12)(a)[1]	12'-0"	NONE EXISTING	10'-7" TO TOP OF AT&T PROP. EQUIPMENT 5'-5" TO TOP OF T-MOBILE PROPOSED EQUIPMENT 7'-1" TO TOP OF VERIZON PROP. EQUIPMENT	

NOTES:
1. * DENOTES VARIANCE
2. ** DENOTES EXISTING NON-CONFORMING

ORD. 255-37 I(4)(d)[1]: TOWER SHALL EITHER MAINTAIN A GALVANIZED STEEL FINISH OR, SUBJECT TO ANY APPLICABLE STANDARDS OF THE FAA, BE PAINTED A NEUTRAL COLOR, SO AS TO REDUCE VISUAL OBTRUSIVENESS. - **COMPLIES**

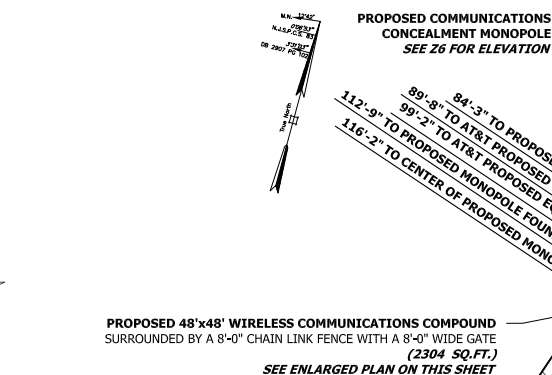
ORD. 255-37 I(11)(b)[3]: EXISTING MATURE TREE GROWTH AND NATURAL LAND FORMS ON THE SITE SHALL BE PRESERVED TO THE MAXIMUM EXTENT POSSIBLE. IN SOME CASES, SUCH AS TOWERS SITED ON LARGE, WOODED LOTS, NATURAL GROWTH AROUND THE PROPERTY PERIMETER MAY BE SUFFICIENT BUFFER - **COMPLIES**



ENLARGED PARTIAL SITE PLAN

SCALE: 1"=40'-0" (SHEET SIZE 22" X 34")
SCALE: 1"=80'-0" (SHEET SIZE 11" X 17")

PROPOSED COMMUNICATIONS UTILITY LINES
ELECTRIC AND TELCO/FIBER FROM EXISTING UTILITY
POLE TO PROPOSED EQUIPMENT AREA. (680 +/- L.F.)
TO BE VERIFIED IN FIELD BY LOCAL UTILITY COMPANY



SITE PLAN

SCALE: 1"=200'-0" (SHEET SIZE 22" X 34")
SCALE: 1"=400'-0" (SHEET SIZE 11" X 17")

NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079

APPLICANT/CLIENT:



5	REV. 4 UPDATED LOT	09/06/19
4		
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

PROJECT No:
VER3818
W-1128
NJ09961B

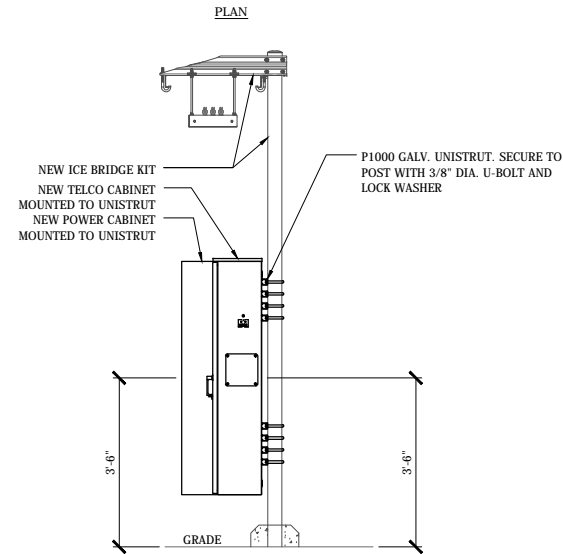
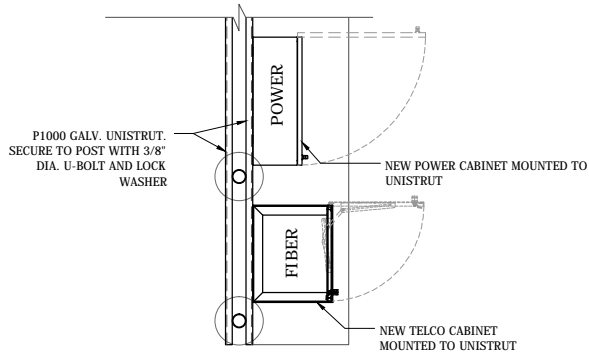
DRAWN BY: AMA	DATE: 11/28/18
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EQUIPMENT COMPOUND PLAN
 SCALE: 3/16"=1'-0" (SHEET SIZE 22" X 34")
 SCALE: 3/32"=1'-0" (SHEET SIZE 11" X 17")

SITE ELEVATION (LOOKING WEST)
 SCALE: 1"=10'-0" (SHEET SIZE 22" X 34")
 SCALE: 1"=20'-0" (SHEET SIZE 11" X 17")

Key Callouts and Specifications:

- Proposed AT&T Equipment:** (1) RBS6102 Cabinet + (1) 25kW Diesel Generator Secured to Concrete Pad. New 10'-0" x 20'-0" (200 S.F.) Concrete Pad to Support New Equipment.
- Proposed T-Mobile Equipment:** (1) Power Cabinet + (1) Charles Telco Cube Secured to Concrete Pad. Proposed T-Mobile Underground Utility Conduits from Proposed Meter Bank and Telco Demarc to Proposed Power & Fiber Panels.
- Proposed Verizon Equipment:** (2) GPS Units Mounted to New Cable Support Bridge. Proposed Verizon Equipment Cabinets (2) Cube-SS Cabinets + (1) Future Cabinet Mounted to CPAD.
- Proposed Verizon Generator:** 30kW Diesel Generator Mounted to 4'-4" x 8'-2" (35 S.F.) CPAD.
- Proposed AT&T Generator:** 30kW Diesel Generator Mounted to Concrete Pad.
- Proposed T-Mobile Generator:** 30kW Diesel Generator Mounted to 4'-4" x 8'-2" (35 S.F.) CPAD.
- Proposed Security Fence:** 8'-0" High Chain Link Fence with (2) 4'-0" Wide Lockable Access Gates.
- Proposed Transformer:** Location to be coordinated with the local utility company.
- Proposed Bollards:** 42" High.
- Proposed Fiber/Telco Demarc:** Mounted to Unistrut Frame.
- Proposed Electrical Meter:** 800A 120/208V 1PH Multi-Meter Pack with a 200A Meter and Disconnect for Verizon + a 200A Meter and Disconnect for AT&T + a 200A Meter and Disconnect for T-Mobile. To be coordinated with local utility company.
- Proposed Verizon Cable Support Bridge:** Bridge to be a min. of 10'-0" AGL.
- Proposed AT&T Cable Support Bridge:** Bridge to be a min. of 10'-0" AGL.
- Proposed T-Mobile Cable Bridge:** Bridge to be a min. of 10'-0" AGL.
- Proposed AT&T (1) GPS Unit:** Mounted to New 6x6 WIC GPS Support Post.
- Proposed AT&T Equipment Cabinet:** (1) Prefabricated 6x6 WIC (Walk-In-Cabinet) Mounted to Steel Plates and Secured Concrete Pad.
- Proposed AT&T Generator:** 30kW Diesel Generator Mounted to Concrete Pad.
- Proposed T-Mobile Equipment:** (1) RBS6102 Cabinet + (1) 25kW Diesel Generator Secured to a 10'-0" x 20'-0" (200 S.F.) Concrete Pad.
- Proposed Verizon Cable Support Bridge:** Bridge to be a min. of 10'-0" AGL.
- Proposed Verizon (2) GPS Units:** Mounted to New Cable Support Bridge.
- Proposed Verizon Equipment Cabinets:** (2) Cube-SS Cabinets + (1) Future Cabinet Mounted to CPAD.
- Proposed Verizon Generator:** 30kW Diesel Generator Mounted to 4'-4" x 8'-2" (35 S.F.) CPAD.
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- Proposed Electrical Meter:** 800A 120/208V 1PH Multi-Meter Pack with a 200A Meter and Disconnect for Verizon + a 200A Meter and Disconnect for AT&T + a 200A Meter and Disconnect for T-Mobile. To be coordinated with local utility company.
- Proposed Transformer:** Location to be coordinated with the local utility company.
- Proposed Bollards:** 42" High.
- Proposed Fiber/Telco Demarc:** Mounted to Unistrut Frame.
- Proposed Electrical Meter:** 800A 120/208V 1PH Multi-Meter Pack with a 200A Meter and Disconnect for Verizon + a 200A Meter and Disconnect for AT&T + a 200A Meter and Disconnect for T-Mobile. To be coordinated with local utility company.



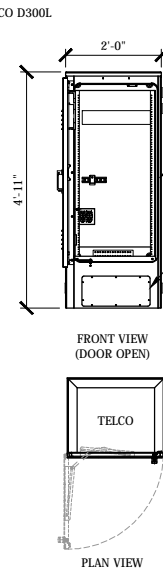
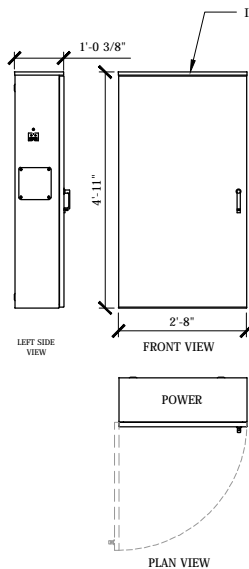
SECTION

POWER/TELCO CABINET MOUNTING DETAIL

SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")

INTERSECT ASCO D300L SERIES POWER TRANSFER LOAD CENTER

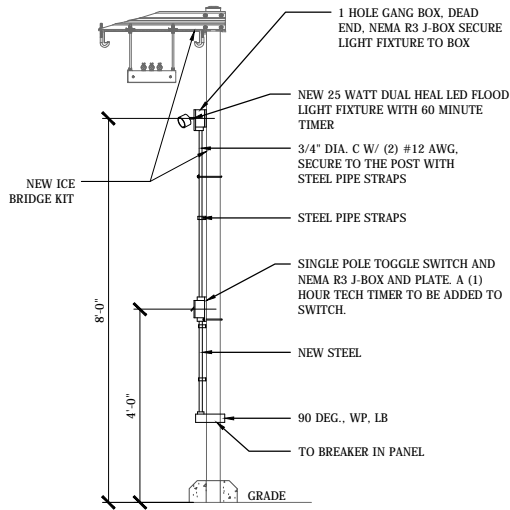
- 1) POWER TRANSFER LOAD CENTER CONSTRUCTED IN ACCORDANCE WITH UL 67 STANDARD FOR PANEL BOARDS SUITABLE FOR USE AS SERVICE EQUIPMENT.
- 2) AUTOMATIC POWER TRANSFER SWITCH: ASCO D300, 2 POLE, 200 AMP, 240 VAC MAX. UL LISTED TO UL 1008 STANDARD FOR TRANSFER SWITCHING EQUIPMENT.
- 3) PANELBOARD: SQUARE-D NQ, 225 AMPS MAX., 240V, SINGLE PHASE WITH 100% RATED NEUTRAL, 42 CIRCUITS, ACCEPTS BOLT-ON OR PLUG-ON BRANCH DEVICES.
- 4) ENCLOSURE:
TYPE 3R LISTED TO UL 50/50E. SINGLE COMPARTMENT WALL MOUNT. PROVIDES TYPE 1 PROTECTION WITH EXTERIOR DOOR OPEN AND SWING PANEL CLOSED.
BOX & DOORS - CONSTRUCTED OF 0.095 THICK ALUMINUM ALLOY (5052-H32).
FINISHES - ALL INTERIOR AND EXTERIOR SURFACES: TEXTURED POLYESTER POWDER COAT, LIGHT GRAY (RAL 7035)
- 5) GROUNDING PROVISIONS FOR NORMAL, EMERGENCY & LOAD.
- 6) OVERALL DIMENSIONS: 59"H X 32"W X 12.3"D
- 7) WEIGHT APPROX. 165LBS



- INTERSECT T313589-DC48-HE TELCO ENCLOSURE
- 1) ENCLOSURE:
TYPE 3R LISTED TO UL 50/50E.
FINISH: POWDER COATED ALUMINUM
 - 2) PAD-LOCKABLE DOOR HANDLE
 - 3) PLYWOOD BACKBOARD
 - 4) THERMOSTATICALLY CONTROLLED FAN
-48V DC WITH HEAT STRIP
 - 5) OVERALL DIMENSIONS: 59"H X 24"W X 20"D
 - 6) WEIGHT APPROX. 165LBS

INTERSECT POWER/TELCO CABINET DETAIL

SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")



WORK LIGHT MOUNTING DETAIL & SPECIFICATIONS

SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")



OLF 2RH LED



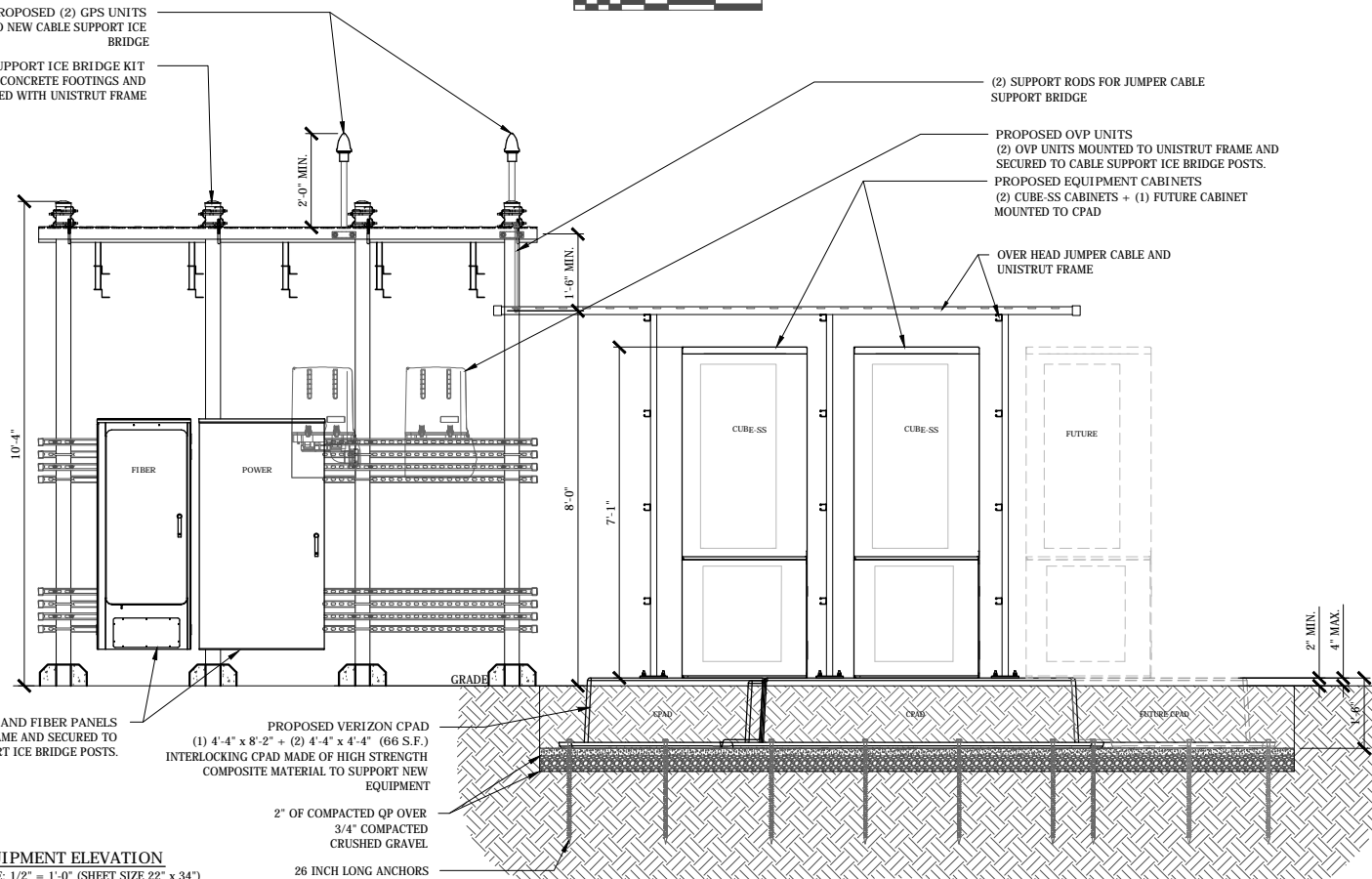
Specifications
Width: 7.00"
(17.8 cm)
Height: 4.5"
(11.4 cm)
Depth: 6.25"
(15.9 cm)
Weight: 1.5 lbs.
(0.68 kg)



NOTE:
WORK LIGHT TO BE POINTED DOWNWARD

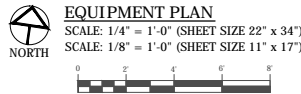
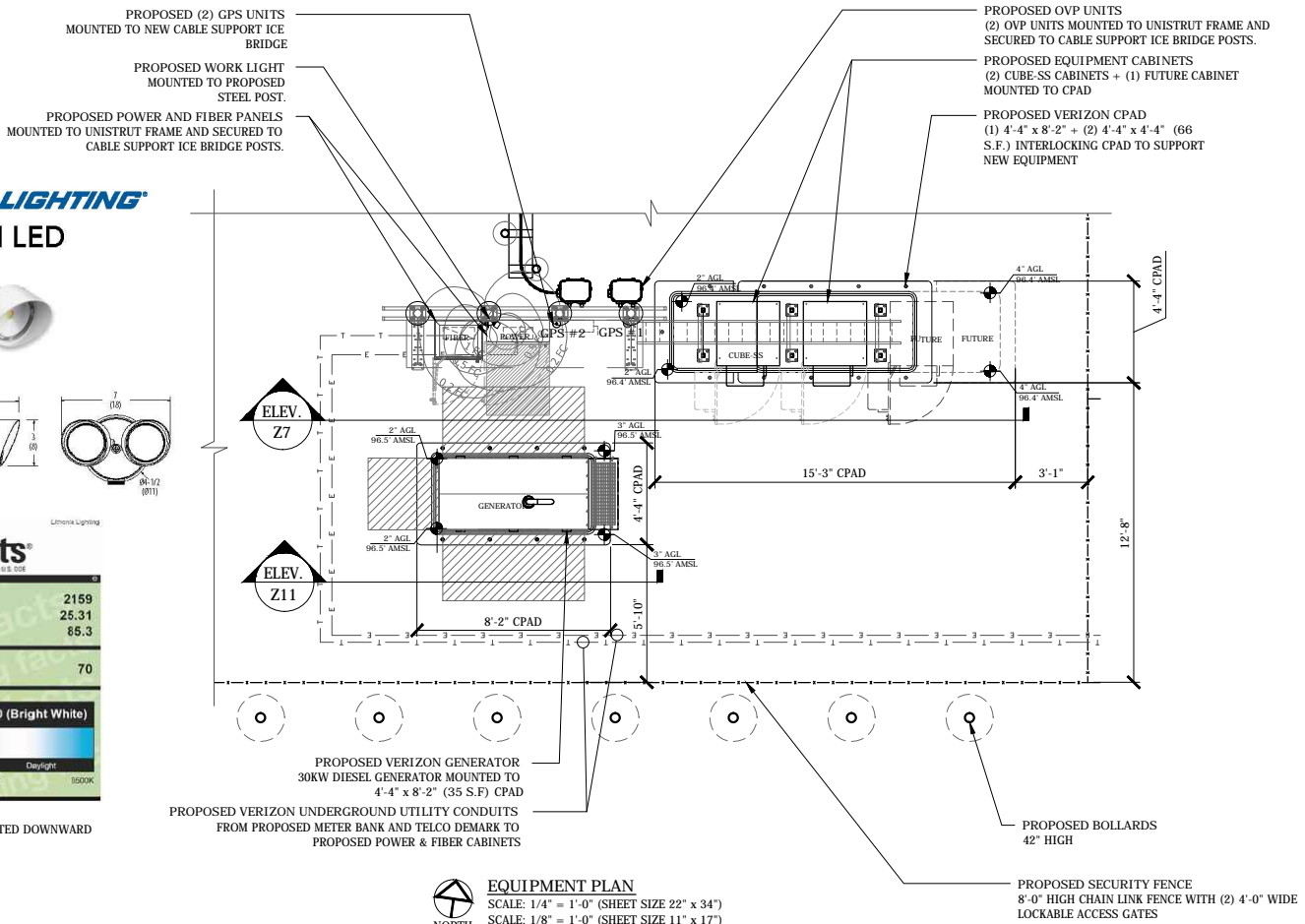
PROPOSED (2) GPS UNITS
MOUNTED TO NEW CABLE SUPPORT ICE
BRIDGE

PROPOSED CABLE SUPPORT ICE BRIDGE KIT
MOUNTED IN CONCRETE FOOTINGS AND
INSTALLED WITH UNISTRUT FRAME



EQUIPMENT ELEVATION

SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")



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Mount Olive, NJ 07828
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Frank Colasurdo, RA Date
NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079
APPLICANT/CLIENT:

verizonwireless
New York SMSA Limited
Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000
CO-APPLICANT/CLIENT:

AT&T
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New Cingular Wireless PCS, LLC
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(908) 532-1995
CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
**WIRELESS COMMUNICATION
FACILITY**
"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
4		
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:
**VERIZON
EQUIPMENT PLAN
AND ELEVATION**

PROJECT No:
**VER3818
W-1128
NJ09961B**

SITE DESIGNATION:
**UNION COUNTY
COLLEGE**

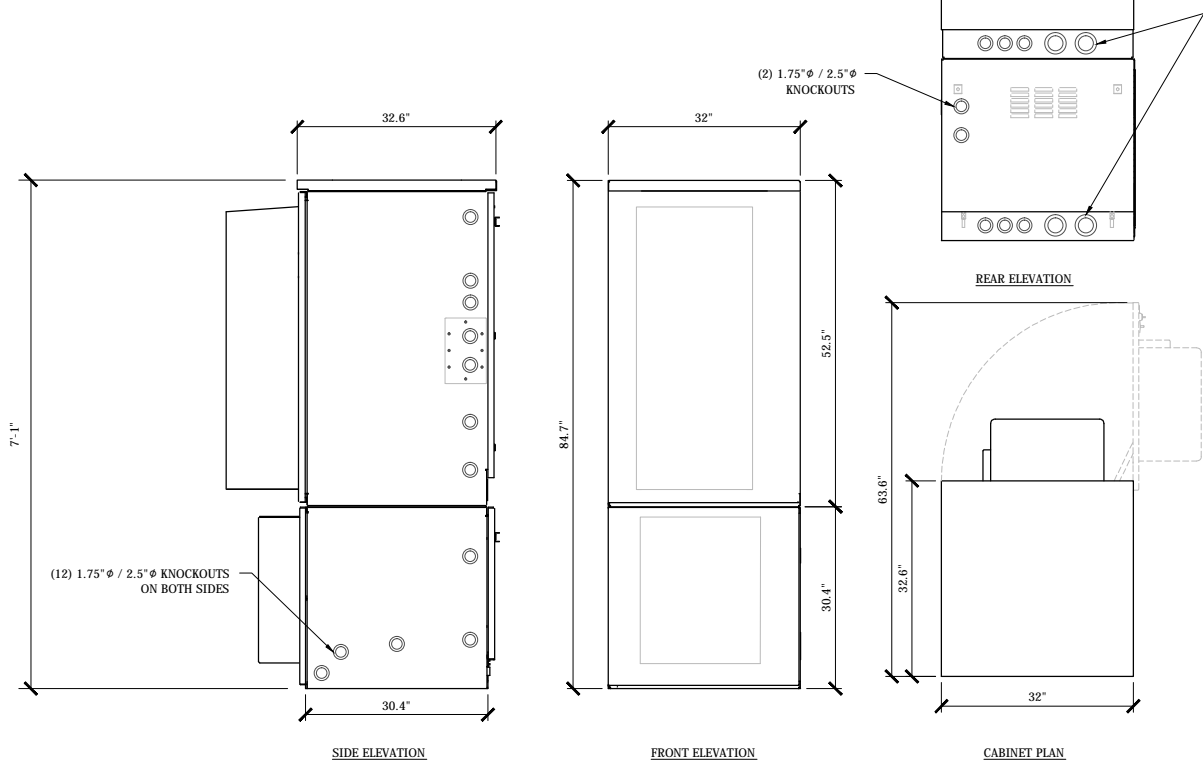
DRAWN BY: AMA DATE: 11/28/18

SHEET No:
27

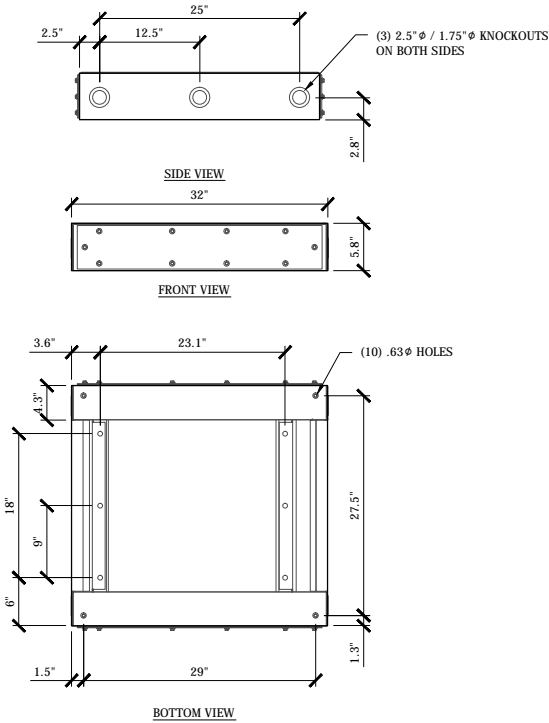
CHARLES INDUSTRIES CUBE-SS4B228LX1

CONFIGURATION SPECIFICATIONS

CUBE-SS4B228LX1 SPECIFICATIONS	
OVERALL DIMENSIONS	84"Hx32"Wx32"D
EQUIPMENT RACK SPACE	28RU OF HORIZONTAL SPACE 3RU OF VERTICAL SPACE
WEIGHT (EMPTY)	715 lbs
COLOR	OFF-WHITE
BATTERY STRINGS - 48V	2
AIR CONDITIONER	10000BTU AIR CONDITIONER
MOUNTING TYPE	CONCRETE PAD MOUNTED PLINTH
POWER PLANT	GE INFINITY S 96-GEINF-600-26, 600A, 48V/24V
PLINTH KIT 97-002162-A SPECIFICATIONS	
OVERALL DIMENSIONS	6"Hx30"Wx32"D
WEIGHT (EMPTY)	26 lbs



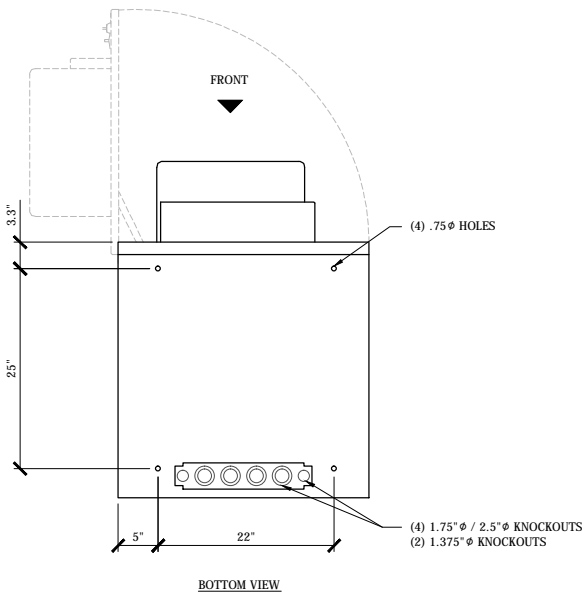
CUBE SS4B228LX1 DETAILS
SCALE: 3/4"=1'-0", (SHEET SIZE 22" x 34")
SCALE: 3/8"=1'-0", (SHEET SIZE 11" x 17")



CUBE PLINTH BOLTING DETAIL
SCALE: 1"=1'-0", (SHEET SIZE 22" x 34")
SCALE: 1/2"=1'-0", (SHEET SIZE 11" x 17")



IMAGE



CUBE SS4B228LX1 BOLTING DETAIL
SCALE: 1"=1'-0", (SHEET SIZE 22" x 34")
SCALE: 1/2"=1'-0", (SHEET SIZE 11" x 17")

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APPLICANT/CLIENT:

verizon wireless
New York SMSA Limited
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D/B/A Verizon Wireless
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(908) 256-7000
CO-APPLICANT/CLIENT:

AT&T
Mobility

New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
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(908) 532-1995
CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
**WIRELESS COMMUNICATION
FACILITY**
"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
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ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

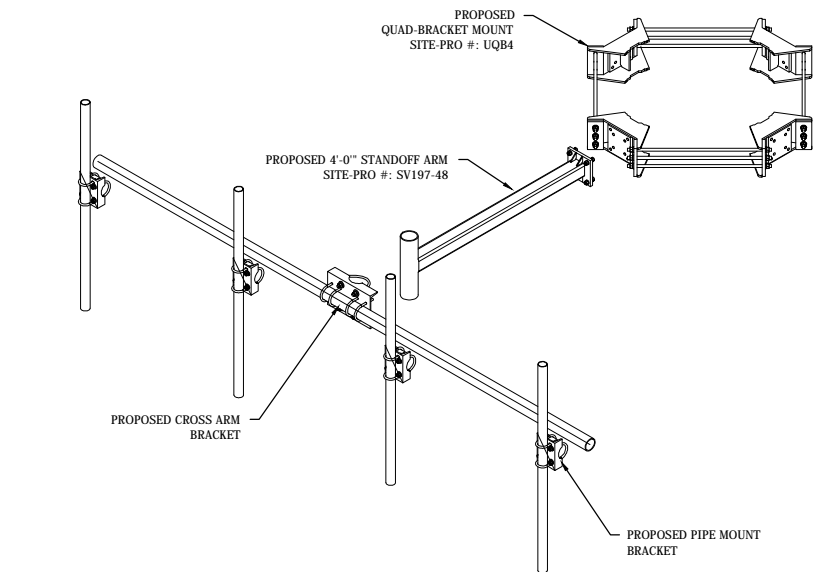
SHEET TITLE:
**VERIZON
EQUIPMENT
CABINET
SPECIFICATIONS**

PROJECT No:
**VER3818
W-1128
NJ09961B**

SITE DESIGNATION:
**UNION COUNTY
COLLEGE**

DRAWN BY: AMA DATE: 11/28/18

SHEET No:

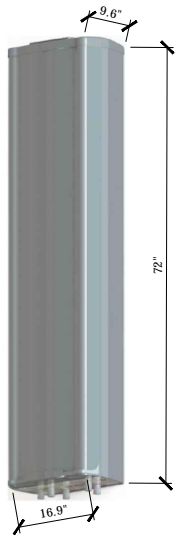


ANTENNA MOUNT EXPLODED ASSEMBLY ISO (TYP OF 4 SECTORS)
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" X 17")

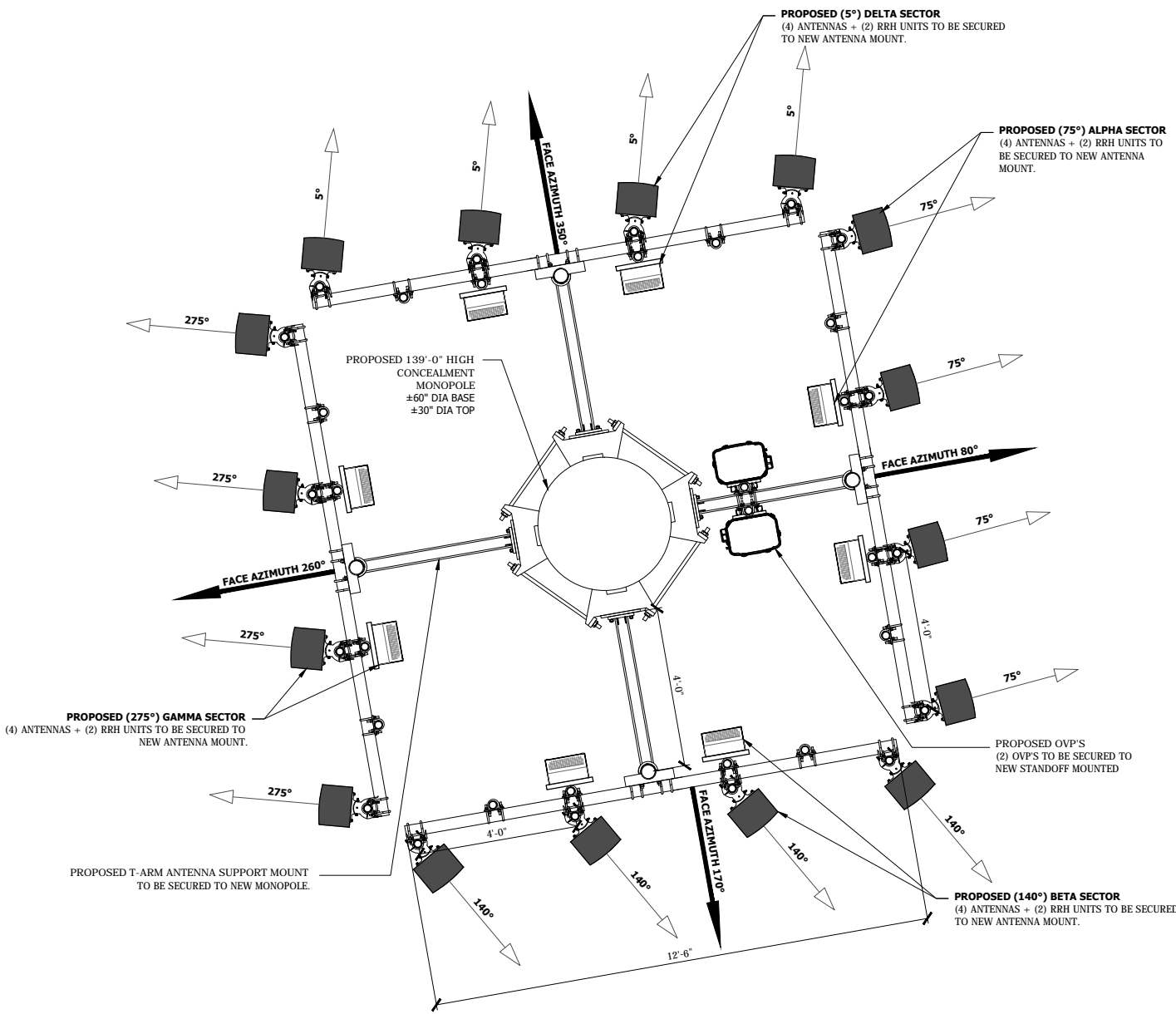
Quintel
New Dimensions in Wireless™
QS6456-5



Mechanical Characteristics	
Dimensions	L 72"(1828mm) x W 16.9"(429mm) x D 9.6"(245mm)
Weight (excl mounting brackets)	82lbs (37.2kg)
No. of Connectors	6x 4.3-10 DIN Female Long Neck
Max Wind Speed	150mph (67m/s)
Effective Projected Area	Front: 4.1ft² (0.38m²) Side: 2.7 ft² (0.25m²)
Wind Load @160km/h (45m/s)	Front: 995N (224 lbs), Side: 371N (83.5 lbs)
Operating Temperature	-40°C to +65°C



ANTENNA SPECIFICATIONS
NOT TO SCALE



ANTENNA PLAN
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")

Frank Colasurdo, RA Date
NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079
APPLICANT/CLIENT:

verizon wireless
New York SMSA Limited Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000
CO-APPLICANT/CLIENT:

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PROJECT:
WIRELESS COMMUNICATION FACILITY
"WESTFIELD 4"
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BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

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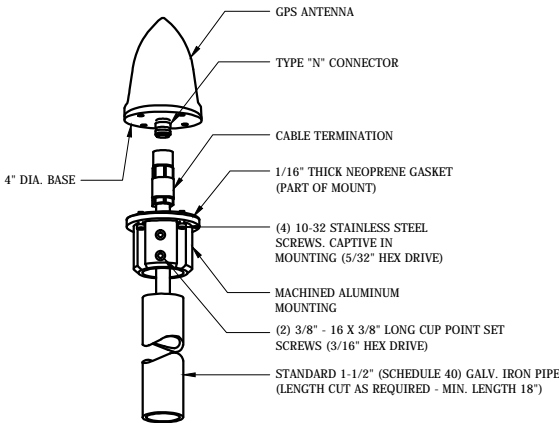
SHEET TITLE:
VERIZON
ANTENNA PLAN
AND
SPECIFICATIONS

PROJECT No:
VER3818
W-1128
NJ09961B

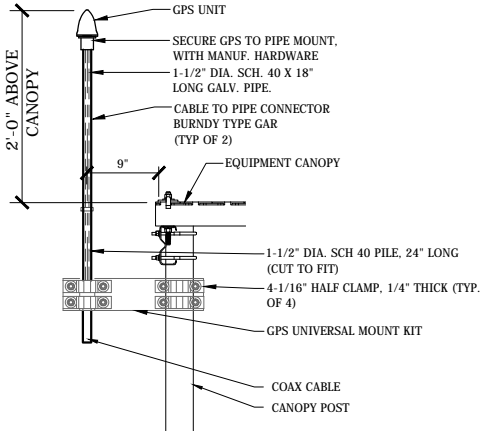
SITE DESIGNATION:
UNION COUNTY
COLLEGE

DRAWN BY: **AMA** DATE: **11/28/18**

SHEET No:
Z9



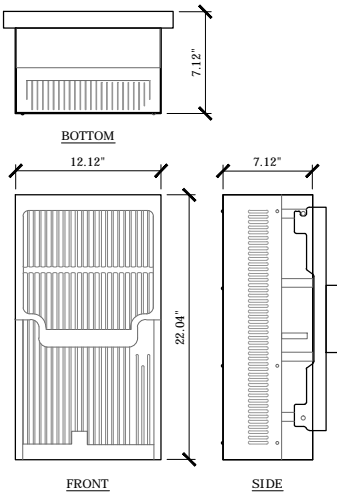
ENLARGED GPS UNIT DETAIL
NO SCALE



GPS MOUNTING DETAIL
SCALE: 1" = 1'-0" (SHEET SIZE 22"X34")
SCALE: 1/2" = 1'-0" (SHEET SIZE 11"X17")

RRH DETAILS: (B2/66a 320W AHFIC)

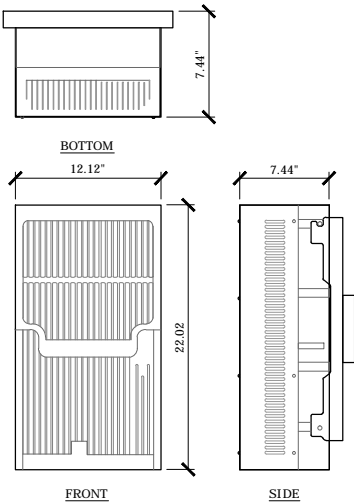
- DIMENSIONS: 12.12" W x 7.12" D x 22.04" H (WITH NO SOLAR SHIELD)
- WEIGHT (WITHOUT BRACKETS) 79.4 LBS
- MOUNTING: POLE OR WALL MOUNTABLE
- RF OUTPUT POWER
 - 40W PER TX, RF POWER SHARING MODE UP TO 60W(B66a)/ 20W (B2); 320W PER RRH
- DC VOLTAGE:
 - 48V / -36V TO -60V
- DC POWER CONSUMPTION
 - 688W (ETSI 24H AVG-8X20W MODE)
- ANTENNA PORTS: 8 PORTS , 4,3-10+



RRH (HIGH BAND) SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

RRH DETAILS: (B5/13 320W AHBCC)

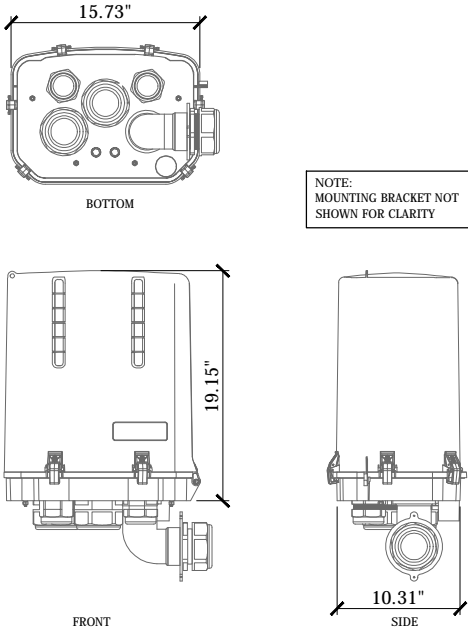
- DIMENSIONS: 12.12" W x 7.44" D x 22.02" H (WITH SOLAR SHIELD)
- WEIGHT (WITHOUT BRACKETS) 83.77 LBS
- MOUNTING: POLE OR WALL MOUNTABLE
- RF OUTPUT POWER
 - 40W PER BAND, 80W PER TX
- DC VOLTAGE:
 - 48V / -36V TO -60V
- DC POWER CONSUMPTION
 - 688W (ETSI 24H AVG - 4X20W PER BAND, 40W PER TX PORT)
- ANTENNA PORTS: 4 PORTS , 4,3-10+



RRH (LOW BAND) SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

OVP DETAILS: (RxxDC-3315-PF-48)

- DIMENSIONS (WITHOUT BRACKET): 15.73" W X 10.31" D X 19.15" H
- WEIGHT (WITHOUT BRACKETS) 32 LBS
- MOUNTING: POLE OR WALL MOUNTABLE
- NOMINAL OPERATING VOLTAGE: 48 VDC
- NOMINAL DISCHARGE CURRENT: 20KA 8/20 US
- MAXIMUM SURGE CURRENT: 60 KA 8/20 US
- VOLTAGE PROTECTION: 400V
- FIBER CONNECTION METHOD: LC-LC SINGLE MODE
- SUPPRESSION CONNECTION METHOD: COMPRESSION LUG, #20-#6 AWG



EXTERIOR OVP SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

Frank Colasurdo, RA Date

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PROJECT:

WIRELESS COMMUNICATION FACILITY

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ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:

VERIZON
RRH'S & GPS
DETAILS &
SPECIFICATIONS

PROJECT No:

VER3818
W-1128
NJ09961B

SITE DESIGNATION:

UNION COUNTY
COLLEGE

DRAWN BY:

AMA

DATE:

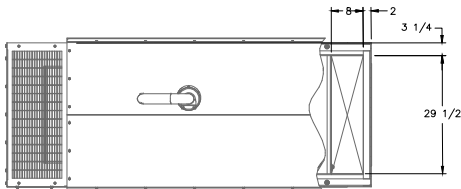
11/28/18

SHEET No:

Z10

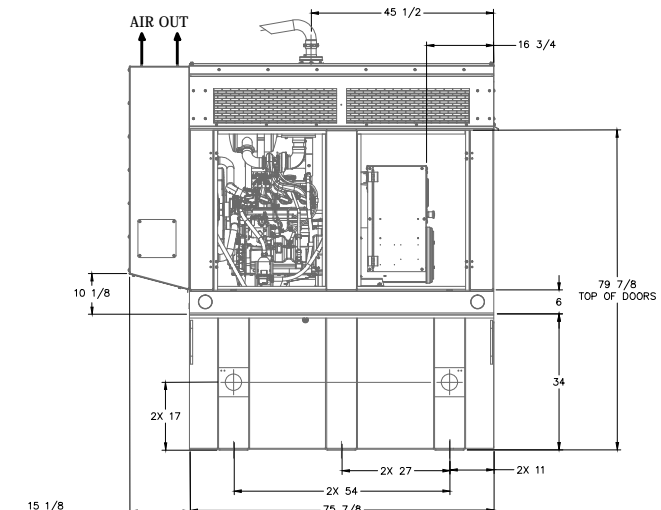
30 kW DIESEL GENERATOR 120/208V, 1 PHASE

GENERATOR TO BE INSTALLED WITH SOUND ATTENUATION ENCLOSURE AND CRITICAL GRADE MUFFLER ASSEMBLY

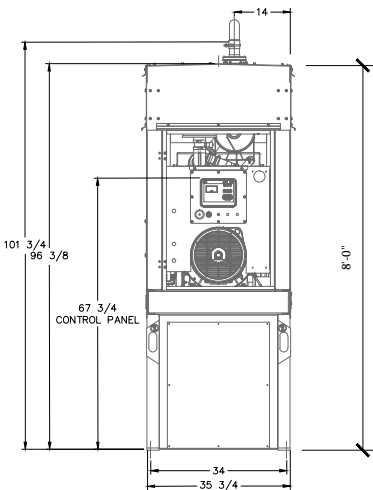


- NOTE:
1. APPROXIMATE WEIGHT (WET): 3350 LB
 2. FUEL TANK: UL LISTED DOUBLE WALL WITH 125% CONTAINMENT
 3. FUEL TANK CAPACITY: 210 GALLONS
 4. ENCLOSURE: SINGLE SIDE SERVICE RIGHT SIDE, STEEL, 190 MPH WIND RATED
 5. SOUND LEVEL: 64 dB(A) at 7m
 6. VERIZON PART NUMBERS
DG03RJ096V1M00012
DG03RJ096V1M00013
DG03RJ096V1M00014

PLAN VIEW

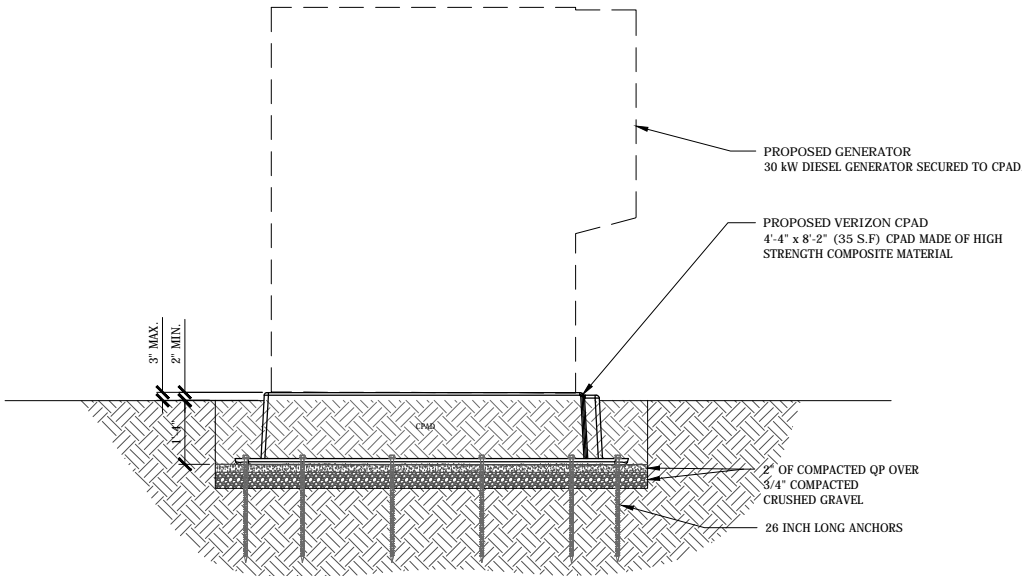


FRONT VIEW

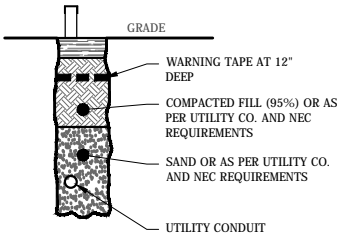


SIDE VIEW

GENERATOR DETAIL
SCALE: 1/2" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 1/4" = 1'-0", (SHEET SIZE 11"x17")



GENERATOR CPAD DETAIL
SCALE: 1/2" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 1/4" = 1'-0", (SHEET SIZE 11"x17")



UTILITY TRENCH DETAIL
SCALE: 1/2" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 1/4" = 1'-0", (SHEET SIZE 11"x17")

FCA ARCHITECTS
350 Clark Drive| Suite 304
Mount Olive, NJ 07828
O 973-726-7164 | F 973-726-7204
fcolasurdo@fcarchitectsinc.com
Frank Colasurdo Architects, Inc

Frank Colasurdo, RA Date
NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079
APPLICANT/CLIENT:

verizonwireless
New York SMSA Limited
Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000
CO-APPLICANT/CLIENT:

AT&T
Mobility
New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
Bedminster, NJ 07921
(908) 532-1995
CO-APPLICANT/CLIENT:

T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
**WIRELESS COMMUNICATION
FACILITY**
"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
4		
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:
**VERIZON
GENERATOR
SPECIFICATIONS**

PROJECT No:
**VER3818
W-1128
NJ09961B**

SITE DESIGNATION:
**UNION COUNTY
COLLEGE**

DRAWN BY: AMA DATE: 11/28/18

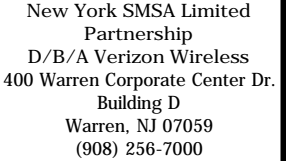
SHEET No:
Z11



10. *Journal of the American Medical Association*, 283:1223-1224 (1999).

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Year	Percentage
1990	85
1995	90
2000	88
2005	92
2010	95



New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
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BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

SHEET TITLE:

AT&T EQUIPMENT PLAN AND ELEVATION

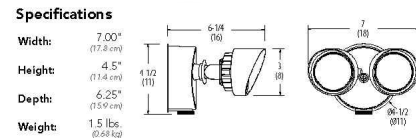
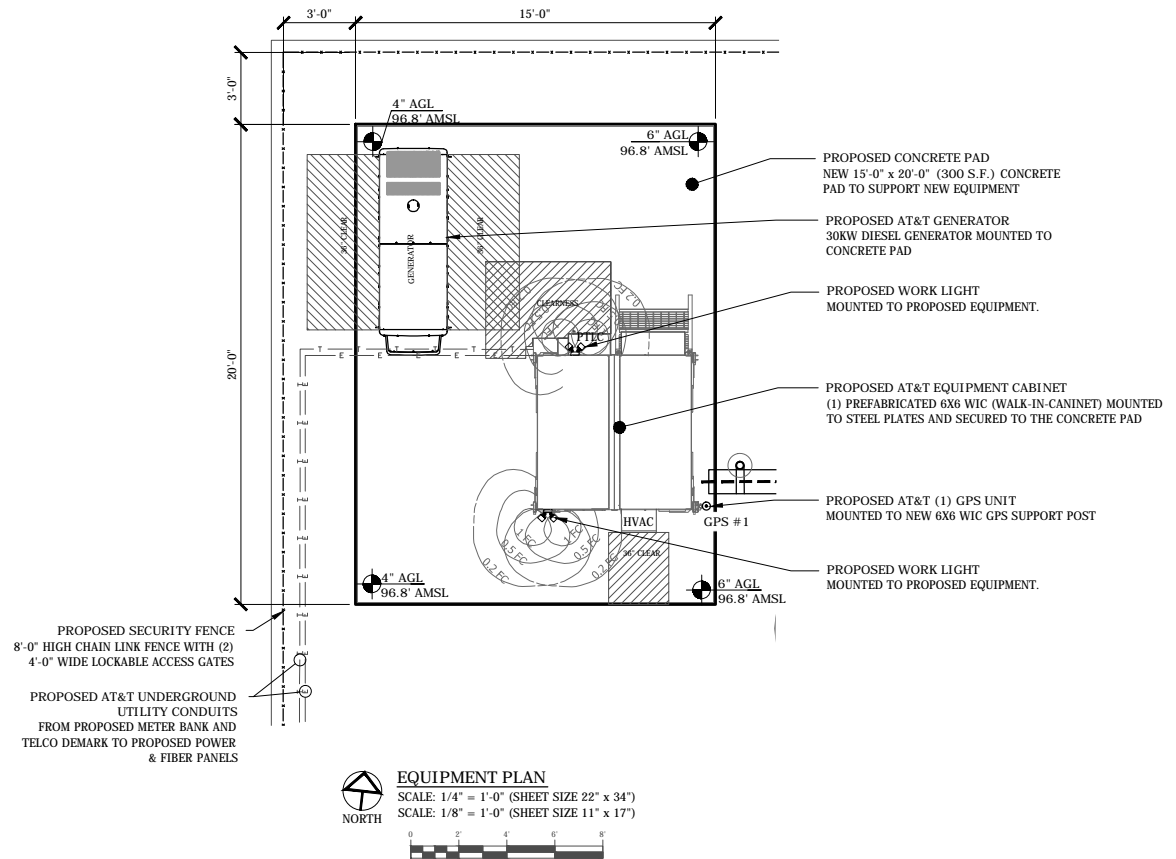
PROJECT No:
VER3818
W-1128
NJ09961B

SITE DESIGNATION:
UNION COUNTY
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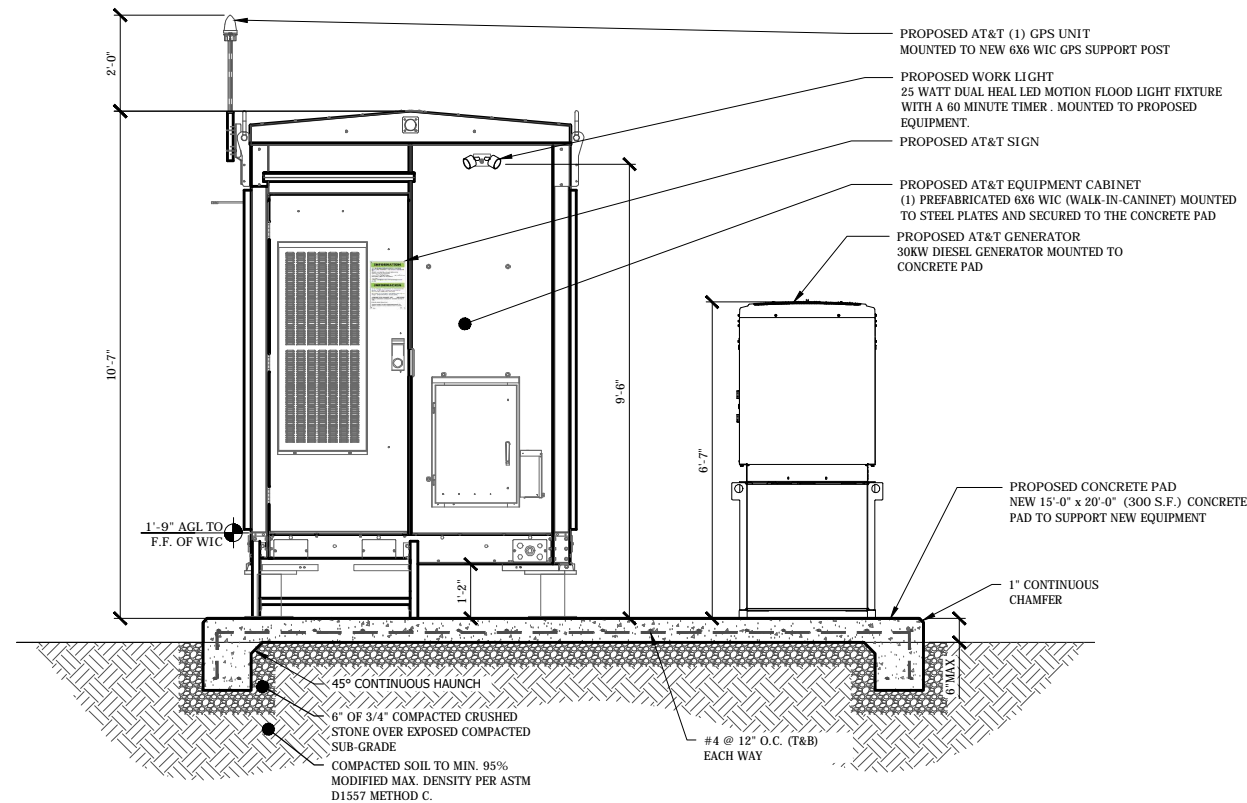
DRAWN BY: AMA	DATE: 11/28/18
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SHEET No:

Z12

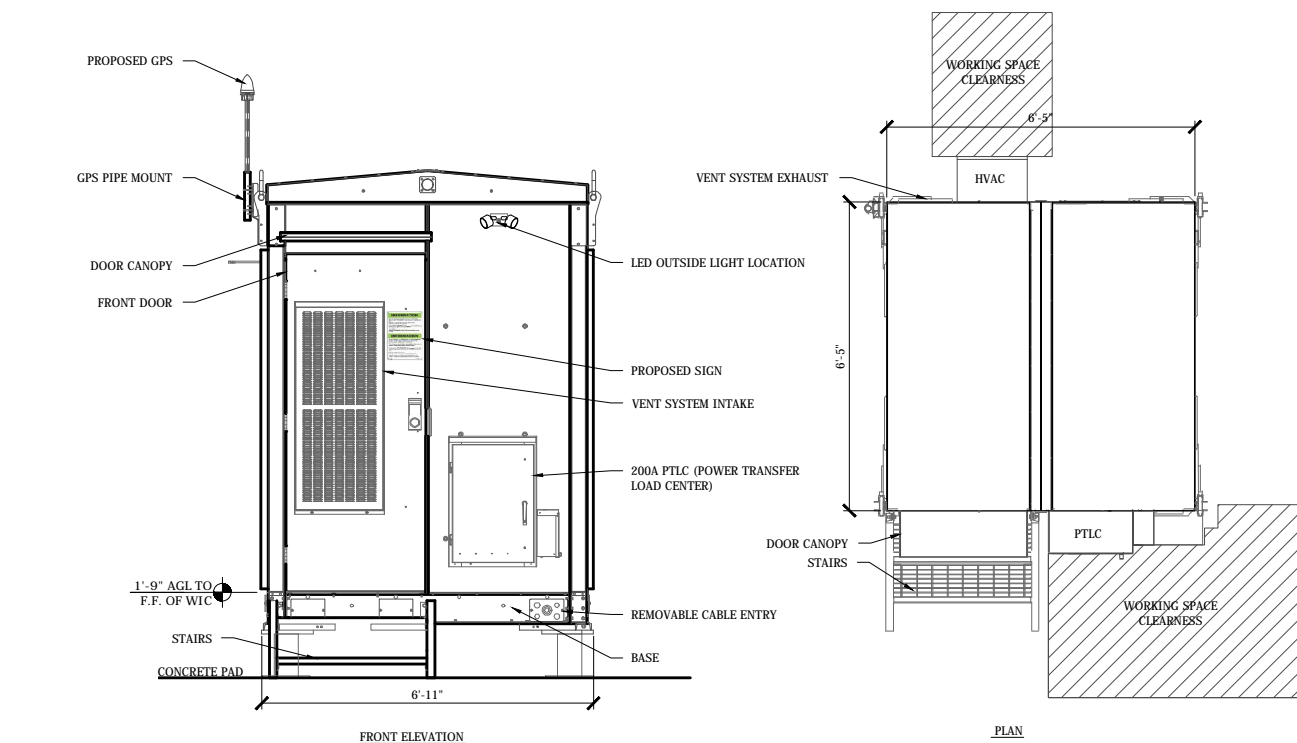


WORK LIGHT SPECIFICATIONS
NO SCALE

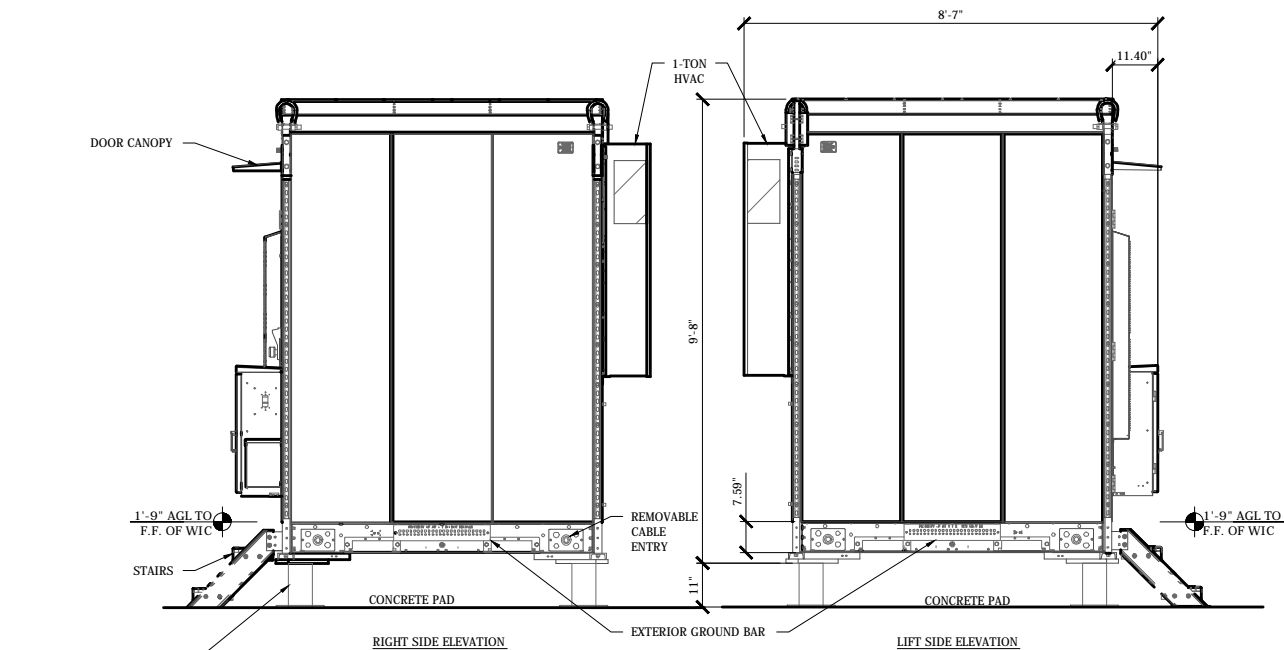


EQUIPMENT ELEVATION
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")

VERTIV 6X6 WIC (WALK-IN-CLOSET) XTE 802 SERIES SPECIFICATIONS

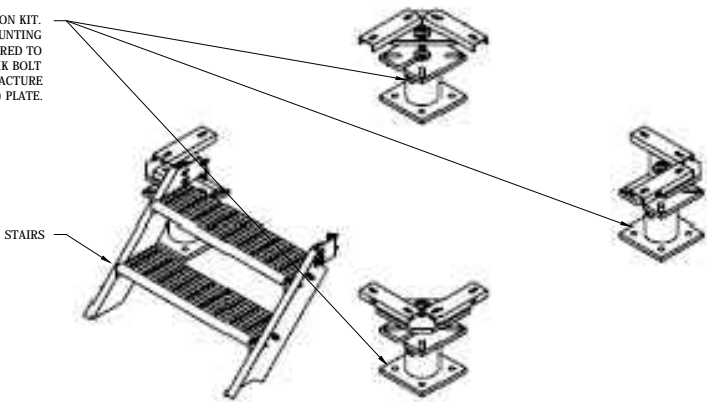


ISOMETRIC IMAGE



6X6 WIC DETAILS
SCALE: 1/2"=1'-0", (SHEET SIZE 22" x 34")
SCALE: 1/4"=1'-0", (SHEET SIZE 11" x 17")

VERTIV CONCRETE MOUNT FOUNDATION KIT.
11" TALL EXTENSIONS WITH MOUNTING
PLATES. PLATES TO BE SECURED TO
CONCRETE PAD WITH HILTI KWIK BOLT
ANCHORS. PER MANUFACTURE
SPECIFICATIONS, (4) PLATE.



CONCRETE MOUNT KIT DETAIL
NOT TO SCALE

Frank Colasurdo, RA Date

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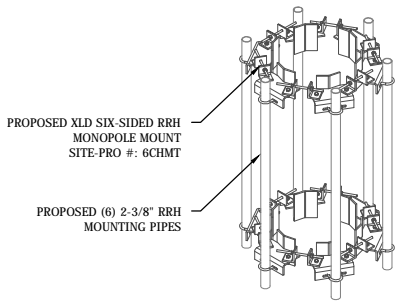
SHEET TITLE:
**AT&T
EQUIPMENT
CABINET
SPECIFICATIONS**

PROJECT No:
**VER3818
W-1128
NJ09961B**

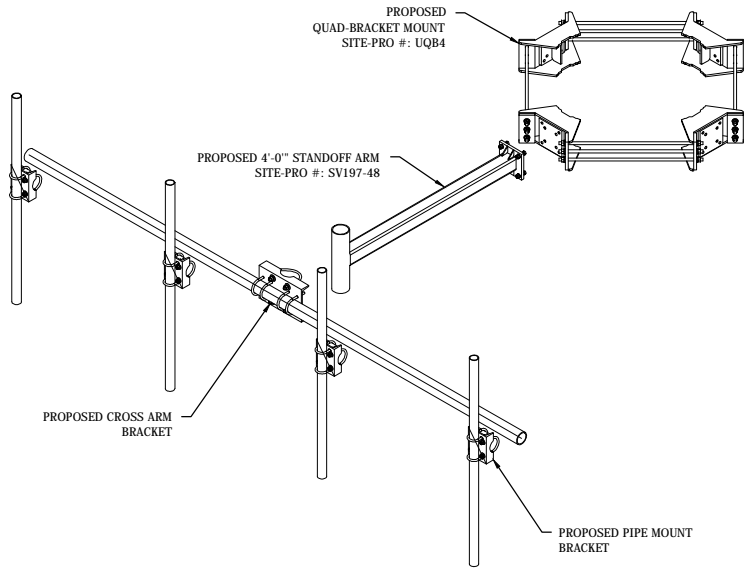
SITE DESIGNATION:
**UNION COUNTY
COLLEGE**

DRAWN BY: AMA DATE: 11/28/18

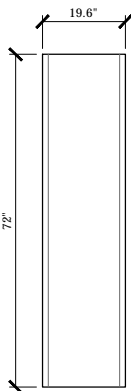
SHEET No:



RRH MOUNT ISOMETRIC
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")



ANTENNA MOUNT EXPLODED ASSEMBLY ISO (TYP OF 4 SECTORS)
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")



COMMScope®

NNHH-65B-R4



8-port sector antenna, 4x 698–896 and 4x 1695–2360 MHz, 65° HPBW, 4x RETs

Dimensions

Length	1828.0 mm		72.0 in
Width	498.0 mm		19.6 in
Depth	197.0 mm		7.8 in
Net Weight, without mounting kit	35.1 kg		77.4 lb

ANTENNA SPECIFICATIONS
NOT TO SCALE

PROPOSED 139'-0" HIGH CONCEALMENT MONOPOLE
±60" DIA BASE
±30" DIA TOP

PROPOSED RRH MOUNT
MOUNTED BELOW PROPOSED ANTENNA MOUNT
RRH MOUNT TO BE SECURED TO NEW MONOPOLE.

PROPOSED RRH'S
(12) RRH'S TO BE BOOK MOUNTED AND SECURED
TO RRH MOUNT.

RRH PLAN
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")

PROPOSED (340°) DELTA SECTOR
(4) ANTENNAS + (2) RRH UNITS TO BE SECURED TO
NEW ANTENNA MOUNT.

PROPOSED 139'-0" HIGH CONCEALMENT MONOPOLE
±60" DIA BASE
±30" DIA TOP

PROPOSED (70°) ALPHA SECTOR
(4) ANTENNAS + (2) RRH UNITS TO BE SECURED TO
NEW ANTENNA MOUNT.

PROPOSED DC6 DOME
(4) DC6 DOMES TO BE SECURED
TO NEW STANDOFF MOUNTED

PROPOSED (250°) GAMMA SECTOR
(4) ANTENNAS + (2) RRH UNITS TO BE SECURED TO
NEW ANTENNA MOUNT.

PROPOSED T-ARM ANTENNA SUPPORT MOUNT
TO BE SECURED TO NEW MONOPOLE.

PROPOSED (150°) BETA SECTOR
(4) ANTENNAS + (2) RRH UNITS TO BE SECURED TO
NEW ANTENNA MOUNT.

ANTENNA PLAN
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")

FCA ARCHITECTS

350 Clark Drive | Suite 304
Mount Olive, NJ 07828
O 973-726-7164 | F 973-726-7204
fcolasurdo@fcarchitectsinc.com

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ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:
AT&T
ANTENNA PLAN
AND DETAILS

PROJECT No:
VER3818
W-1128
NJ09961B

SITE DESIGNATION:
UNION COUNTY
COLLEGE

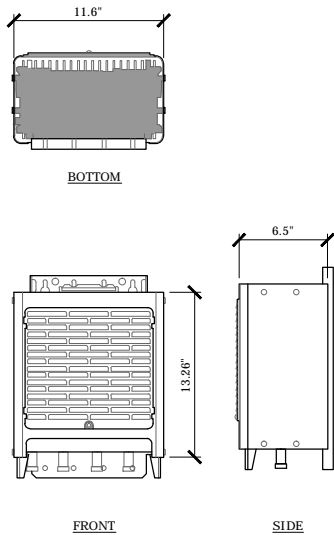
DRAWN BY: AMA DATE: 11/28/18

SHEET No:

Z14

RRH DETAILS: (B5 RRH4T4R 160W - AHCA)

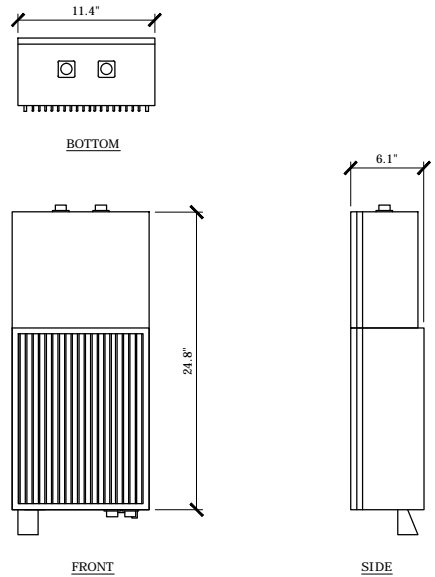
- DIMENSIONS: 13.26" H x 11.6" W x 6.5" D (CORE)
- WEIGHT
(WITHOUT BRACKETS) 36.8 LBS
- MOUNTING: POLE, WALL MOUNTABLE, RAS, VERTICAL OR HORIZONTAL BOOK MOUNT
- RF OUTPUT POWER
- 4T 4R 40W/ 2T4R 60W
- DC VOLTAGE:
-48V / -36V TO -60V
- DC POWER CONSUMPTION
207W @ (ETSI 24H AVG - 4X20W MODE)
- ANTENNA PORTS: 4/4 TX/RX



RRH 850 SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

RH DETAILS: (RRH2X40-07L-DE)

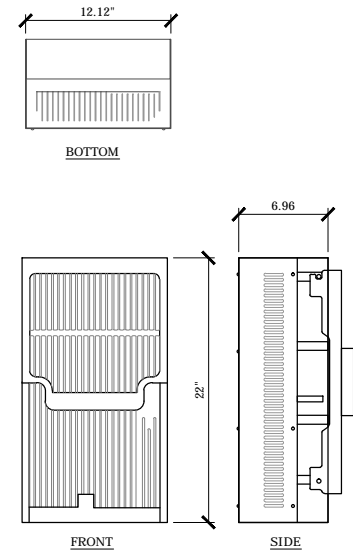
- DIMENSIONS: 24.8" H x 11.4" W x 6.1" D (WITH SOLAR SHIELD)
- WEIGHT
(WITHOUT BRACKETS) 52 LBS
- MOUNTING: POLE OR WALL MOUNTABLE
- RF OUTPUT POWER
- 2X40W OR 2X30W
- DC VOLTAGE:
-48V
- DC POWER CONSUMPTION
-300W (AT 2X40W CONTINUOUS RF POWER)
-260W (AT 2X30W CONTINUOUS RF POWER)



RRH 700 DE SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

RRH DETAILS: (B12/B14 RRH4T4R 320W - AHLBA)

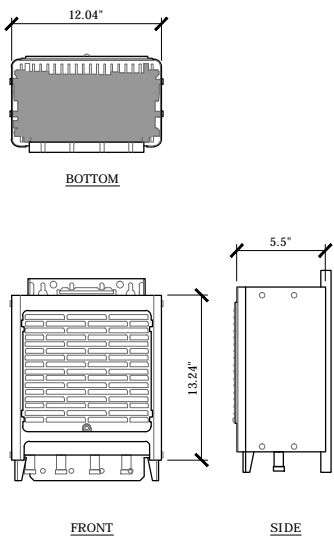
- DIMENSIONS: 22" H x 12.12" W x 6.96" D (WITH SOLAR SHIELD)
- WEIGHT
(WITHOUT BRACKETS) 77 LBS
- MOUNTING: POLE, WALL MOUNTABLE, RAS, VERTICAL OR HORIZONTAL BOOK MOUNT
- RF OUTPUT POWER
- 80W PER TX PORT SHARED BETWEEN BANDS (4X40W PER BAND)
- DC VOLTAGE:
-48V / -36V TO -60V
- DC POWER CONSUMPTION
525W (ETSI 24H AVG - 4X20W PER BAND, 40W PER TX PORT)
- ANTENNA PORTS: 4 PORTS TX/RX



RRH LOW BAND SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

RRH DETAILS: (B30 RRH4T4R 100W - AHNA)

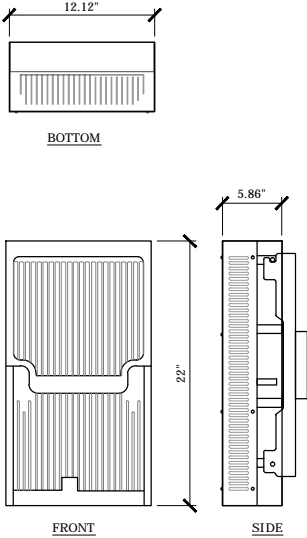
- DIMENSIONS: 13.24" H x 12.04" W x 5.5" D (CORE)
- WEIGHT
(WITHOUT BRACKETS) 34.17 LBS
- MOUNTING: POLE, WALL MOUNTABLE
- RF OUTPUT POWER
- 4T 4R 25W/ TX
- DC VOLTAGE:
-48V / -36V TO -60V
- DC POWER CONSUMPTION
ESTIMATED 515W @100%
- ANTENNA PORTS: 4/4 TX/RX



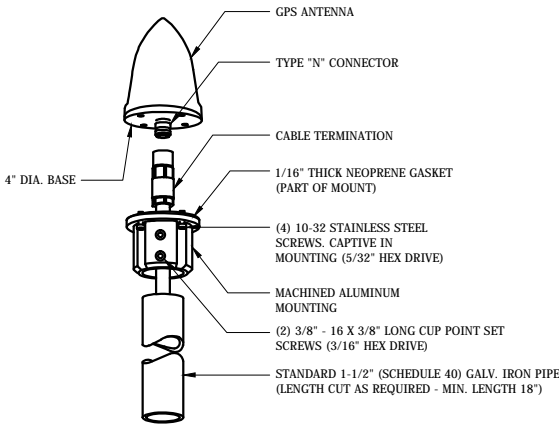
RRH 2100 SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

RRH DETAILS: (B25/B66 RRH4T4R 320W - AHFB)

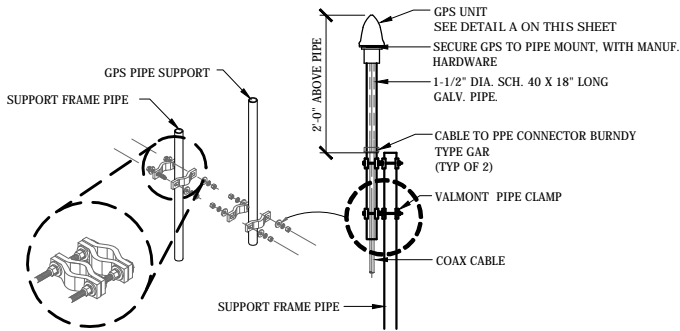
- DIMENSIONS: 22" H x 12.12" W x 5.86" D (WITH SOLAR SHIELD)
- WEIGHT
(WITHOUT BRACKETS) 60 LBS
- MOUNTING: POLE, WALL MOUNTABLE, RAS, VERTICAL OR HORIZONTAL BOOK MOUNT
- RF OUTPUT POWER
- BAND 25 - 4X40W, BAND 66 - 4X40W
- DC VOLTAGE:
-48V / -36V TO -60V
- DC POWER CONSUMPTION
525W (ETSI 24H AVG - 4X20W PER BAND, 40W PER TX PORT)
- ANTENNA PORTS: 4 PORTS TX/RX



RRH HIGH BAND SPECIFICATIONS
SCALE: 1-1/2" = 1'-0" (22" X 34" SHEET)
SCALE: 3/4" = 1'-0" (11" X 17" SHEET)

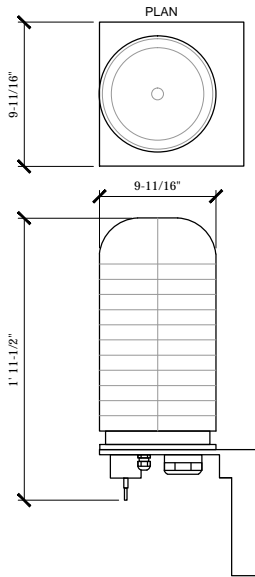


ENLARGED GPS UNIT DETAIL
NO SCALE



GPS MOUNTING DETAIL
NOT TO SCALE

- NOTES:
- 1) 9.7"ø X 23.5" H (NOT INCLUDING FRAME)
 - 2) INSTALL WITHIN 6 FEET OF RRH
 - 3) 60kA SURGE CURRENT CAPACITY PER CIRCUIT
 - 4) PROTECTS UP TO 6 RRH'S



DC SUPPRESSOR SPECIFICATIONS
NO SCALE

Frank Colasurdo, RA Date

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SHEET TITLE:

AT&T
RRH'S & GPS
DETAILS AND
SPECIFICATIONS

PROJECT No:
VER3818
W-1128
NJ09961B

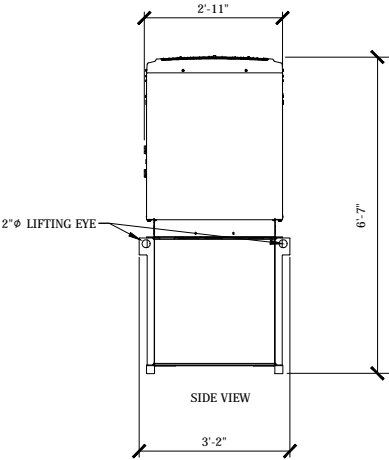
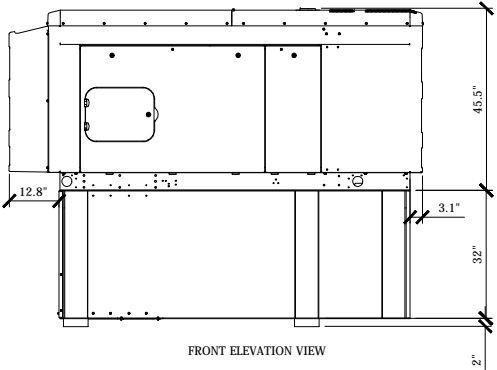
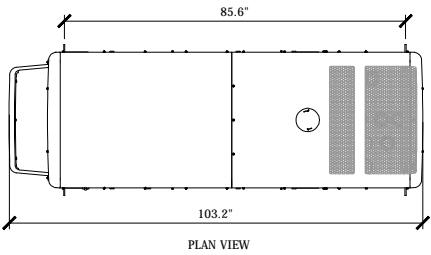
SITE DESIGNATION:
UNION COUNTY
COLLEGE

DRAWN BY: AMA DATE: 11/28/18

SHEET No:

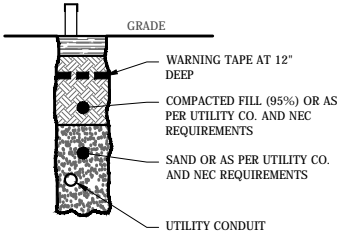
30 kW DIESEL GENERATOR 120/208V, 1 PHASE

GENERATOR TO BE INSTALLED WITH SOUND ATTENUATION ENCLOSURE LEVEL 2

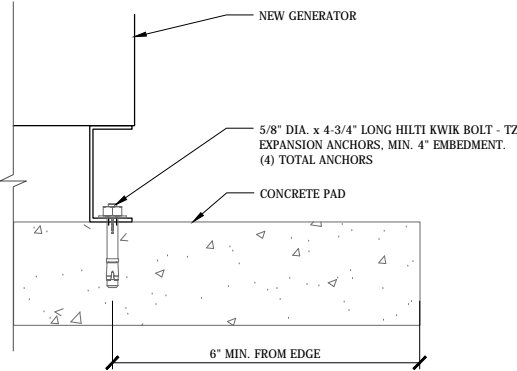


- NOTE:
1. APPROXIMATE WEIGHT (WET): 2236 LBS
 2. FUEL TANK: UL LISTED DOUBLE WALL WITH 110% CONTAINMENT
 3. FUEL TANK CAPACITY: 195 GALLONS
 4. ENCLOSURE: ALUMINUM MATERIAL, DURABLE POWDER COAT PAINT, 180 MPH WIND RATED
 5. SOUND LEVEL: 67.5 dB(A) at 7m

GENERATOR DETAIL
SCALE: 1/2" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 1/4" = 1'-0", (SHEET SIZE 11"x17")



UTILITY TRENCH DETAIL
SCALE: 1/2" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 1/4" = 1'-0", (SHEET SIZE 11"x17")



GENERATOR TIE DOWN DETAIL
SCALE: 6" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 3" = 1'-0", (SHEET SIZE 11"x17")

FCA ARCHITECTS
350 Clark Drive| Suite 304
Mount Olive, NJ 07828
O 973-726-7164 | F 973-726-7204
fcolasurdo@fcarchitectsinc.com
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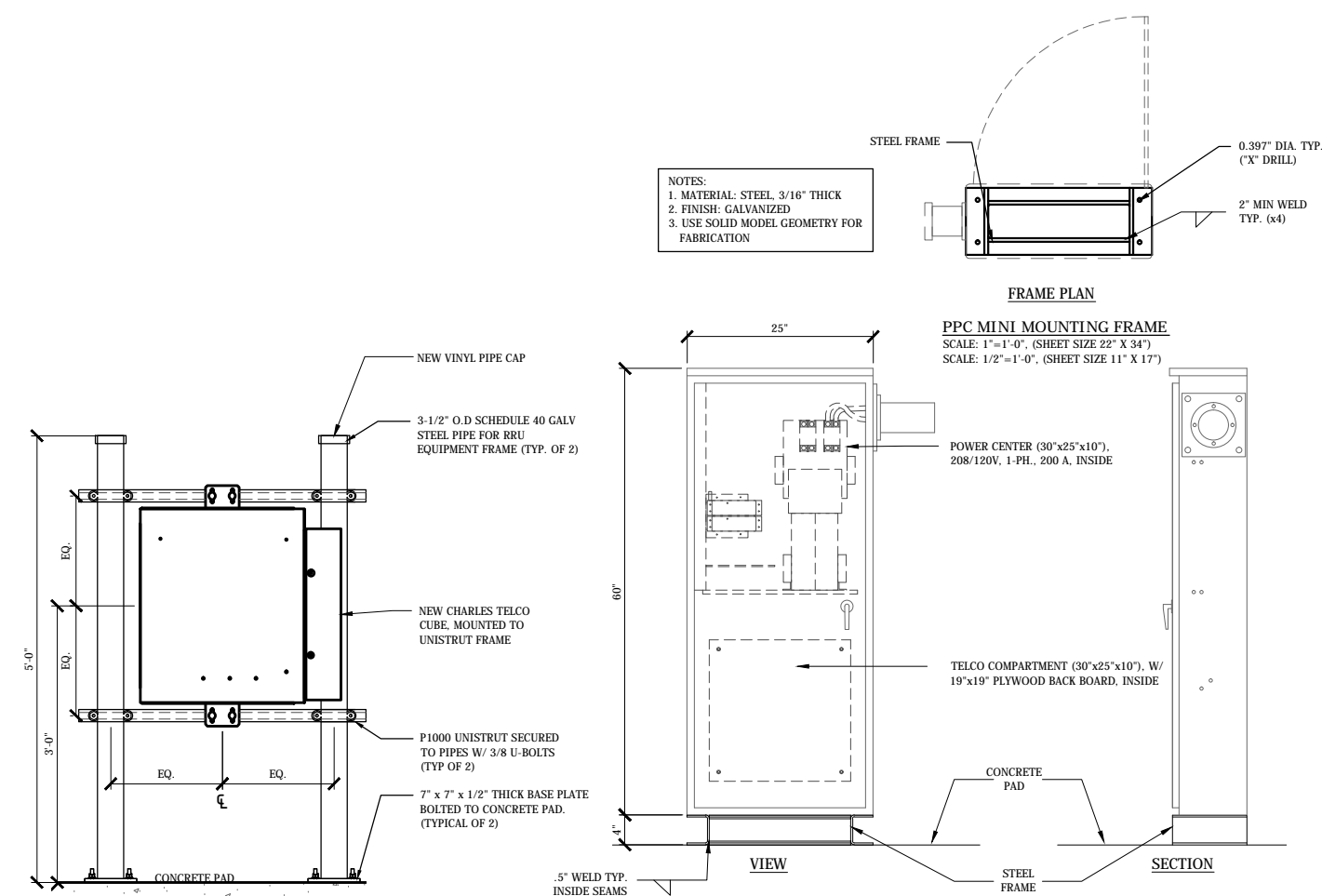
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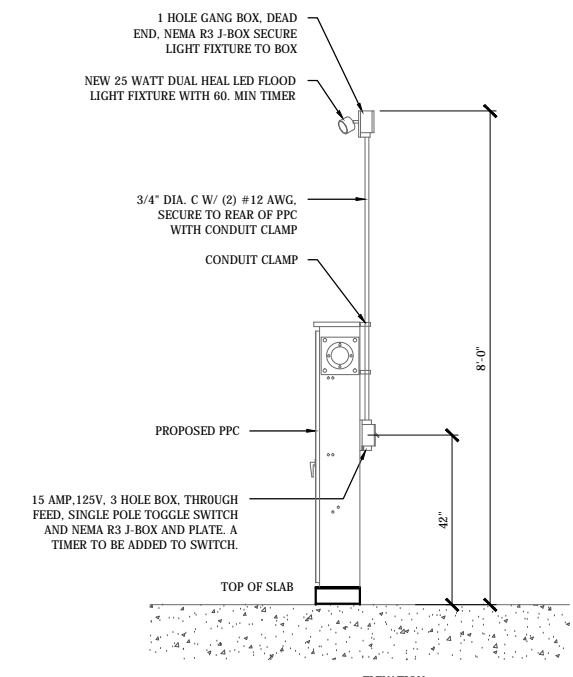
DRAWN BY: DATE:
AMA 11/28/18

SHEET No:
Z16



TELCO CUBE SPECIFICATIONS
NOT TO SCALE

PPC MINI DETAIL
NO SCALE



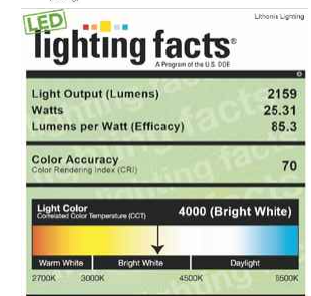
WORK LIGHT MOUNTING DETAIL & SPECIFICATIONS
NOT TO SCALE

LITHONIA LIGHTING
OLF 2RH LED



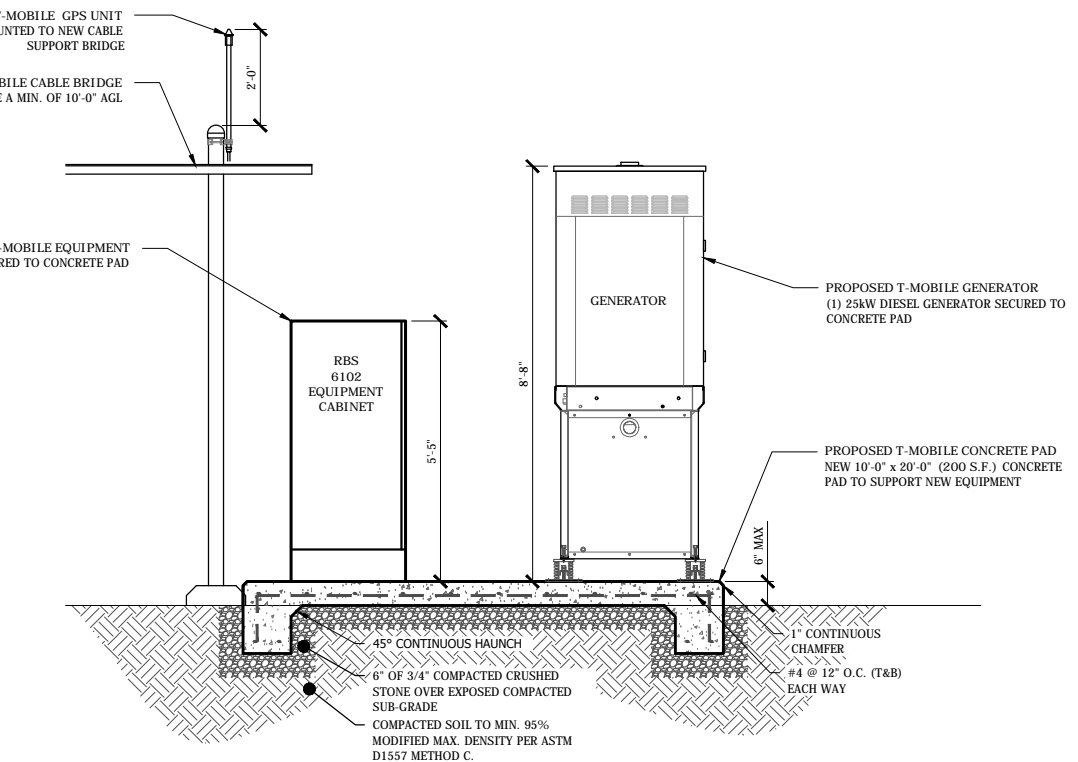
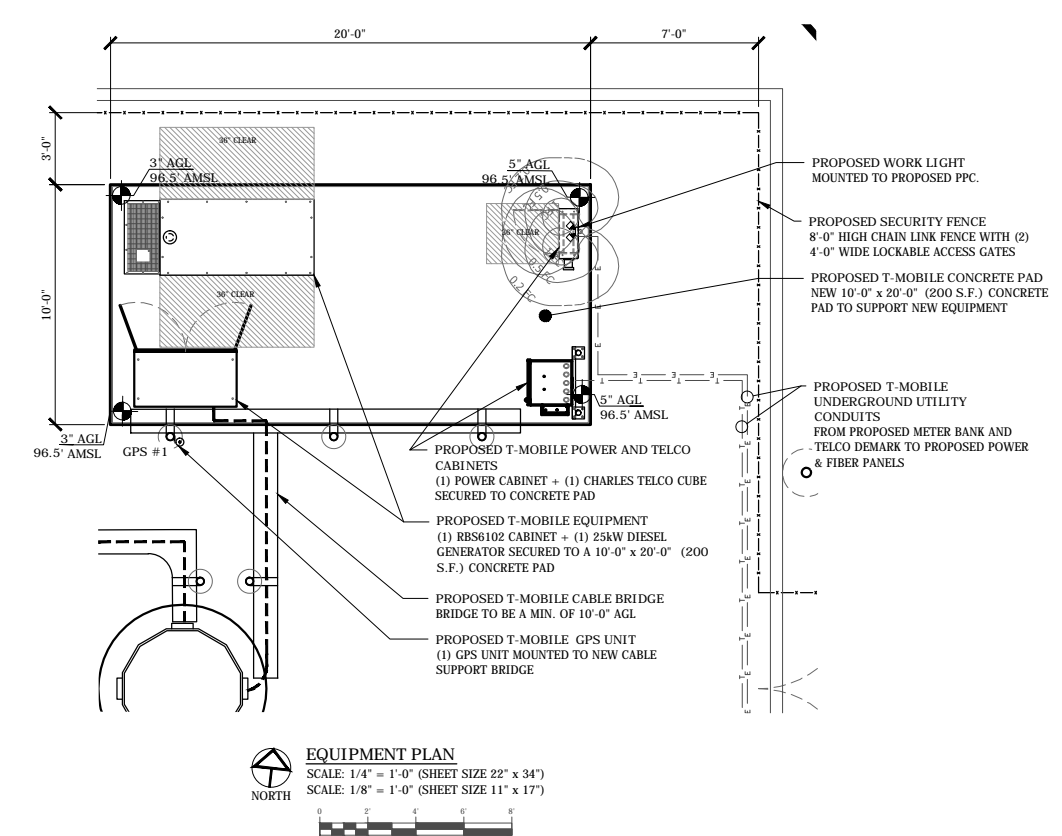
Specifications

Width:	7.00" (17.8 cm)
Height:	4.5" (11.4 cm)
Depth:	6.25" (15.9 cm)
Weight:	1.5 lbs. (0.68 kg)



NOTE:
WORK LIGHT TO BE POINTED DOWNWARD

WORK LIGHT SPECIFICATIONS
NO SCALE



EQUIPMENT ELEVATION
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")

FCA ARCHITECTS
350 Clark Drive | Suite 304
Mount Olive, NJ 07828
O 973-726-7164 | F 973-726-7204
fcolasurdo@fcarchitectsinc.com
Frank Colasurdo Architects, Inc

Frank Colasurdo, RA Date
NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079
APPLICANT/CLIENT:

verizon wireless
New York SMSA Limited Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
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(908) 256-7000
CO-APPLICANT/CLIENT:

AT&T Mobility
New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
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(908) 532-1995
CO-APPLICANT/CLIENT:

T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
WIRELESS COMMUNICATION FACILITY
"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
4		
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:
T-MOBILE EQUIPMENT PLAN AND ELEVATION

PROJECT No:
VER3818
W-1128
NJ09961B

SITE DESIGNATION:
UNION COUNTY COLLEGE

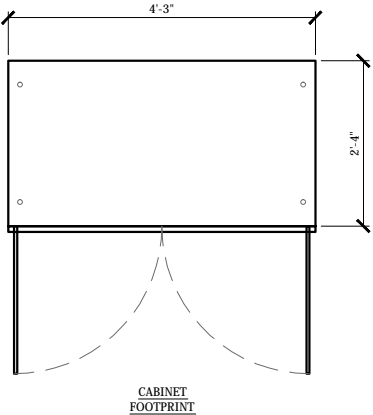
DRAWN BY: AMA **DATE:** 11/28/18

SHEET No:

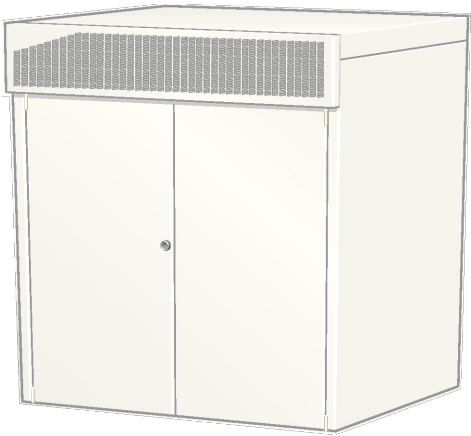
RBS 6102 CONFIGURATION SPECIFICATIONS

RBS 6102 SPECIFICATIONS

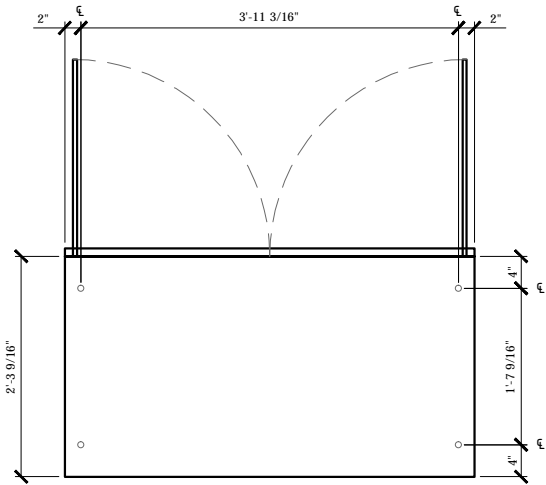
SPECIFICATION	CABINET
WEIGHT	727.5lbs (330kg)
DIMENSIONS	57x51.2x27.5 (1450x1300x700)
CLEARANCE TOLERANCE	
FRONT	27.5" (700mm)
REAR	7.9" (200mm)
CABLING SIDE	4" (100mm)
OTHER SIDE	4" (100mm)



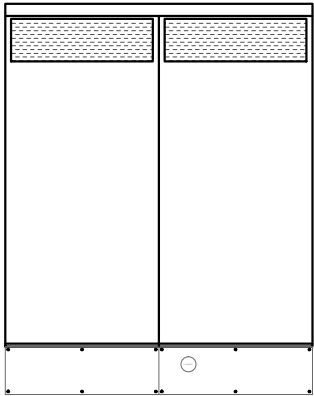
CABINET
FOOTPRINT



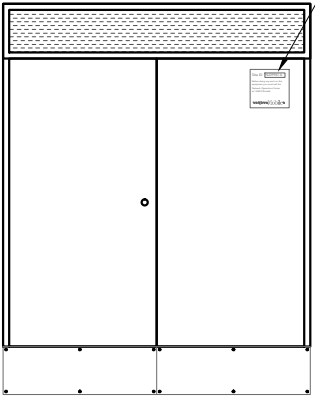
IMAGE



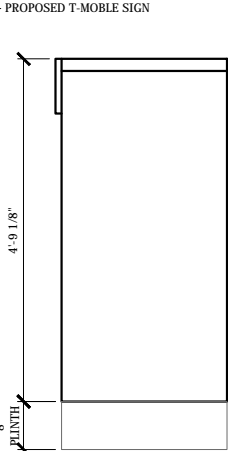
RBS 6102 BOLTING DETAIL
SCALE: 3/4"=1'-0", (SHEET SIZE 22" x 34")
SCALE: 3/8"=1'-0", (SHEET SIZE 11" x 17")



REAR ELEVATION



FRONT ELEVATION



SIDE ELEVATION

RBS 6102 CABINET DETAILS
SCALE: 3/4"=1'-0", (SHEET SIZE 22" x 34")
SCALE: 3/8"=1'-0", (SHEET SIZE 11" x 17")

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4		
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0	PRELIMINARY ZONING DRAWINGS	11/28/18

ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE
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Product Data Sheet

APX16DWV-16DWVS-E-A20

Optimizer® Side-by-Side Dual Polarized Antenna, 1710-2200, 65deg, 18dBi, 1.4m, VET, 0-10deg RET

Product Description

A combination of two X-Polarized antennas in a single radome, this pair of variable tilt antennas provides exceptional suppression of all upper sidelobes at all downtilt angles. It also features a wide downtilt range. This antenna is optimized for performance across the entire frequency band (1710-2200 MHz). The antenna comes pre-connected with two antenna control units (ACU).

Mechanical Specifications

Dimensions - HxWxD, mm (in)	1420 x 331 x 80 (55.9 x 13 x 3.15)
Weight w/o Mntg Hardware, kg (lb)	18.5 (40.7)
Survival Rated Wind Speed, km/h (mph)	200 (125) / 100 (100)
Applied Wind Load Standard	IEC 1055-4
Wind Load @ Rated Wind, Front, N (lb)	756 (170)
Wind Load @ Rated Wind, Max, N (lb)	756 (170)
Wind Load @ Rated Wind, Side, N (lb)	231 (52)
Wind Load @ Rated Wind, Rear, N (lb)	458 (102)
Operation Temperature, °C (°F)	-40 to +50 (-40 to +140)
Radome Material/Color	Fiberglass/light Grey RAL7035
Mounting Hardware Material	Diecasted Aluminum
Radiating Element Material	Brass
Reflector Material	Aluminum

13"

55.9"

PRODUCT DATASHEET

RADIO FREQUENCY SYSTEMS

APXVAARR24_43-U-NA20

Dual Slant Polarized Quad Band (8 Port) Antenna, 617-746/617-746/1695-2200/1695-2200MHz, 65deg, 15/15/18/18dBi, 2.4m (8ft), VET, RET, 0-12°/0-12°/2-12°/2-12°

FEATURES / BENEFITS

This antenna provides a 8 Port multi-band flexible platform for advanced use for flexible use in deployment scenarios for encompassing 600MHz, 700MHz, AWS & PCS applications.

MECHANICAL SPECIFICATIONS

Dimensions - H x W x D	mm (in)	2436 x 809 x 222 (95.9 x 24 x 8.7)
Weight (Antenna Only)	kg (lb)	58 (128)
Weight (Mounting Hardware only)	kg (lb)	11.5 (25.3)
Shipping Weight	kg (lb)	80 (176)
Connector type		8 x 4.3-10 female at bottom + 6 AISG connectors (3 male, 3 female)
Adjustment mechanism		Integrated RET solution AISG compliant (Field Replaceable) + Manual Override + External Tilt Indicator
Mounting Hardware Material		Galvanized steel
Radome Material / Color		Fiber Glass / Light Grey RAL7035

24"

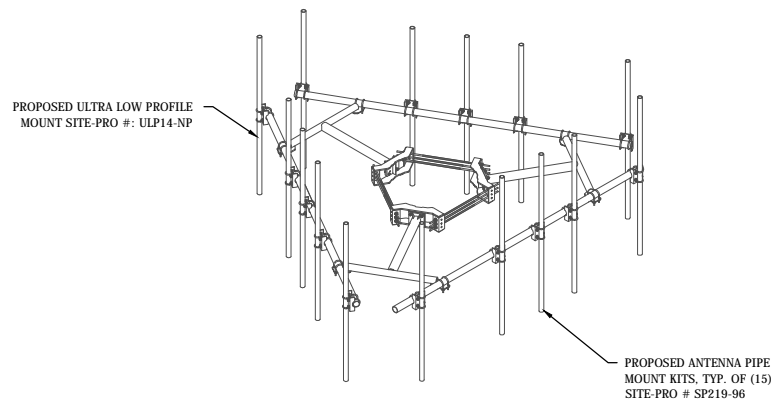
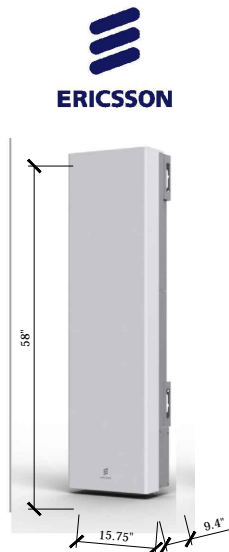
95.6"

AIR 3246 DUAL BAN

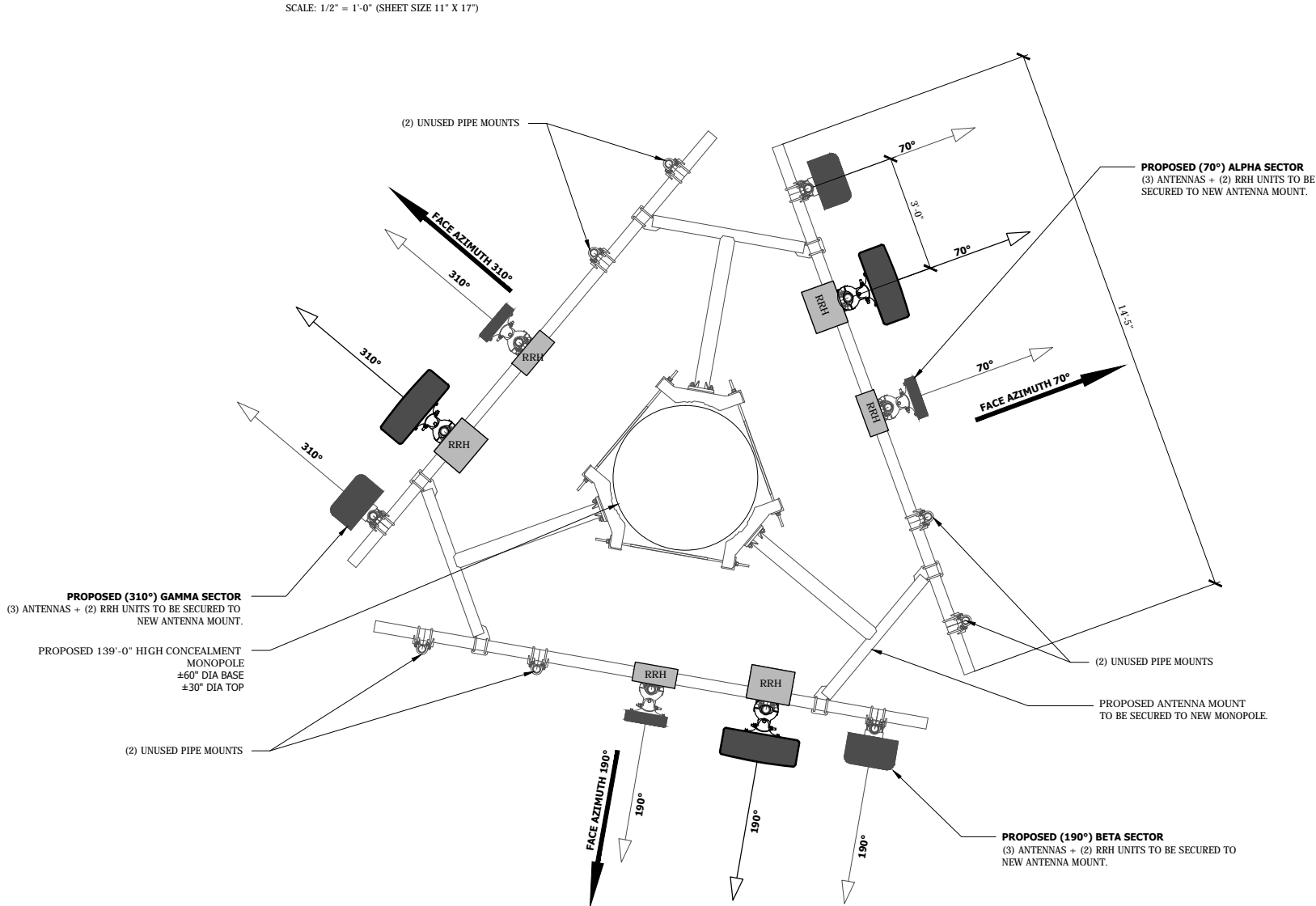
- 32 TX/RX per band
- Frequency bands: B66/B25
- 320 W total RF output power
- 90/65 MHz IBW
- 60 MHz LTE CBW / Band
- Interface: 4 x 25Gb CPRI
- Size (H x W x D): 1475x400x300 mm (estimated)
- Weight : TBD Kg
- 48v DC, 3 wire or 2 wire
- Optional 120/240 VAC

Target availability late Q4-2019

ANTENNA SPECIFICATIONS
NOT TO SCALE



ANTENNA MOUNT
SCALE: 1/4" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/2" = 1'-0" (SHEET SIZE 11" x 17")



ANTENNA PLAN
SCALE: 1/2" = 1'-0" (SHEET SIZE 22" x 34")
SCALE: 1/4" = 1'-0" (SHEET SIZE 11" x 17")

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By AT&T Mobility Corporation
One AT&T Way
Bedminster, NJ 07921
(908) 532-1995
CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
WIRELESS COMMUNICATION FACILITY
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CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

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ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

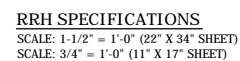
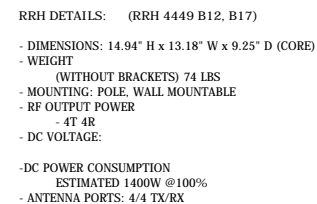
SHEET TITLE:
T-MOBILE
ANTENNA PLAN
AND DETAILS

PROJECT No:
VER3818
W-1128
NJ09961B

SITE DESIGNATION:
UNION COUNTY
COLLEGE

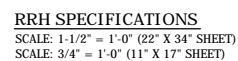
DRAWN BY: AMA DATE: 11/28/18

SHEET No:
Z19



RRH DETAILS: (RRH 4415 B66A)

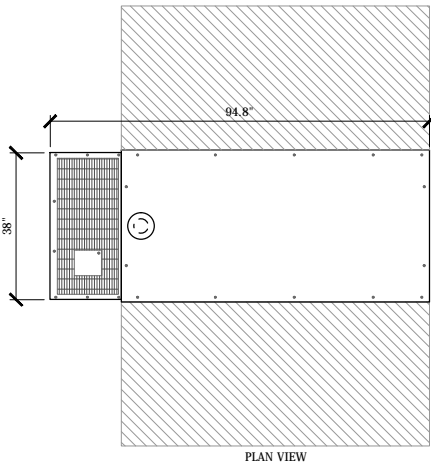
- DIMENSIONS: 16.5" H x 13.4" W x 5.9" D (CORE)
- WEIGHT (WITHOUT BRACKETS) 46 LBS
- MOUNTING: POLE, WALL MOUNTABLE
- RF OUTPUT POWER
 - 4X40W
- DC VOLTAGE:
 - 48V VDC 3-WIRE
- DC POWER CONSUMPTION
 - ESTIMATED 570-660W @100%
- ANTENNA PORTS: 4/4 TX/RX



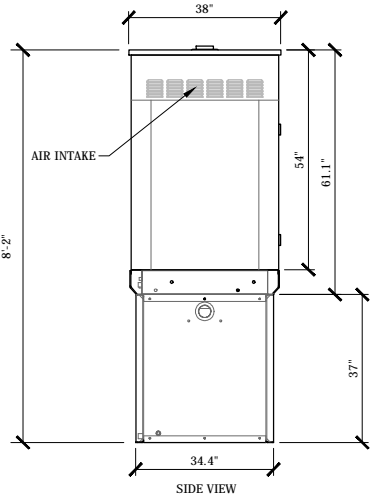
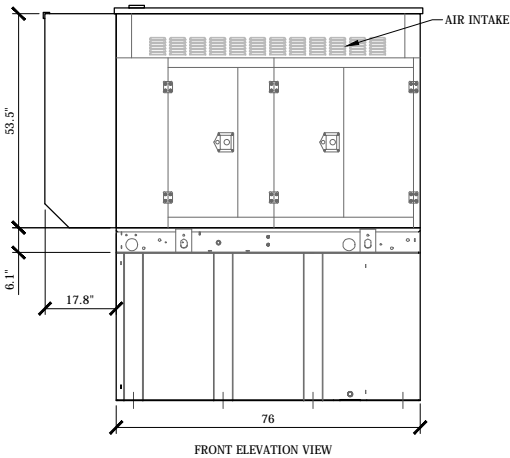
SHEET TITLE: T-MOBILE RRH'S & GPS DETAILS AND SPECIFICATIONS	
PROJECT No: VER3818 W-1128 NJ09961B	
SITE DESIGNATION: UNION COUNTY COLLEGE	
DRAWN BY: AMA	DATE: 11/28/18

25 kW DIESEL GENERATOR 120/208V, 1 PHASE

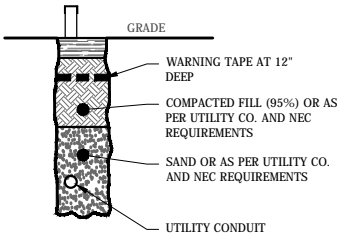
GENERATOR TO BE INSTALLED WITH SOUND ATTENUATION ENCLOSURE LEVEL 2



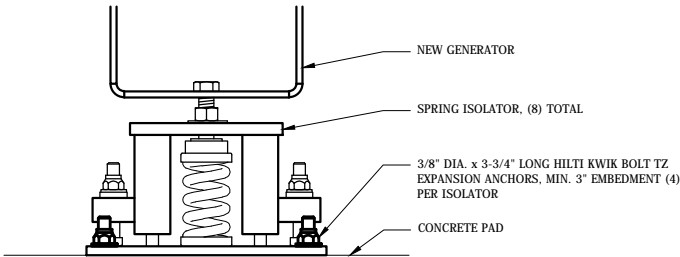
- NOTE:
- 1. APPROXIMATE WEIGHT (DRY): 3264 LBS
 - 2. FUEL TANK: UL LISTED DOUBLE WALL WITH 110% CONTAINMENT
 - 3. FUEL TANK CAPACITY: 211 GALLONS
 - 4. ENCLOSURE: HIGH PERFORMANCE SOUND-ABSORBING MATERIAL ALUMINUM MATERIAL, RHINO - TEXTURED POLYESTER POWDER COAT, 180 MPH WIND RATED
 - 5. SOUND LEVEL: 67.5 dB(A) at 23FT. (7M)



GENERATOR DETAIL
SCALE: 1/2" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 1/4" = 1'-0", (SHEET SIZE 11"x17")



UTILITY TRENCH DETAIL
SCALE: 1/2" = 1'-0", (SHEET SIZE 22"x34")
SCALE: 1/4" = 1'-0", (SHEET SIZE 11"x17")



GENERATOR TIE DOWN DETAIL
SCALE: 3" = 1'-0" (SHEET SIZE 22"x34")
SCALE: 1 1/2" = 1'-0" (SHEET SIZE 11"x17")

Frank Colasurdo, RA Date
NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079

APPLICANT/CLIENT:
verizonwireless
New York SMSA Limited Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000

CO-APPLICANT/CLIENT:
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New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
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(908) 532-1995
CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
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BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

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ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

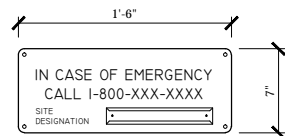
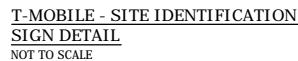
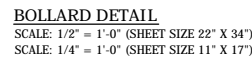
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T-MOBILE GENERATOR SPECIFICATIONS

PROJECT No:
**VER3818
W-1128
NJ09961B**

SITE DESIGNATION:
UNION COUNTY COLLEGE

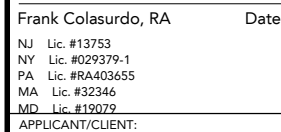
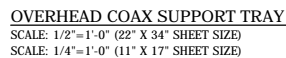
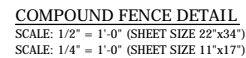
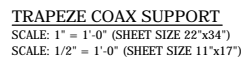
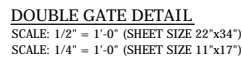
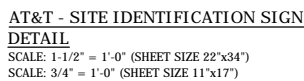
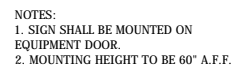
DRAWN BY: AMA DATE: 11/28/18

SHEET No:
Z21



MANUFACTURED BY CAPPLUGS: 1-814-868-3671
COLOR: WHITE.

VINYL PIPE CAP DETAIL
NOT TO SCALE



New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
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SHEET TITLE:
**MISCELLANEOUS
SITE DETAILS**

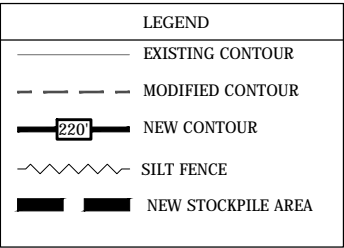
PROJECT No: **VER3818**
W-1128
NJ09961B

SITE DESIGNATION:
UNION COUNTY
COLLEGE

DRAWN BY: AMA	DATE: 11/28/18
------------------	-------------------

SHEET No. _____

Z22



COMPOUND GRADING PLAN
 SCALE: 1/8" = 1'-0" (SHEET SIZE 22" X 34")
 SCALE: 1/16" = 1'-0" (SHEET SIZE 11" X 17")

A horizontal graphic scale bar with alternating black and white segments. Above the bar, numerical labels indicate distances in feet: 0, 4, 8, 12, and 16. The bar is divided into four equal sections, each representing 4 feet.

SHEET No:

Z23



SITE CROSS SECTION
SCALE: 1"=30'-0" (SHEET SIZE 22" X 34")
SCALE: 1"=60'-0" (SHEET SIZE 11" X 17")

FCA ARCHITECTS
350 Clark Drive | Suite 304
Mount Olive, NJ 07828
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ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE



SHEET TITLE:
SITE CROSS SECTION

PROJECT No:
**VER3818
W-1128
NJ09961B**

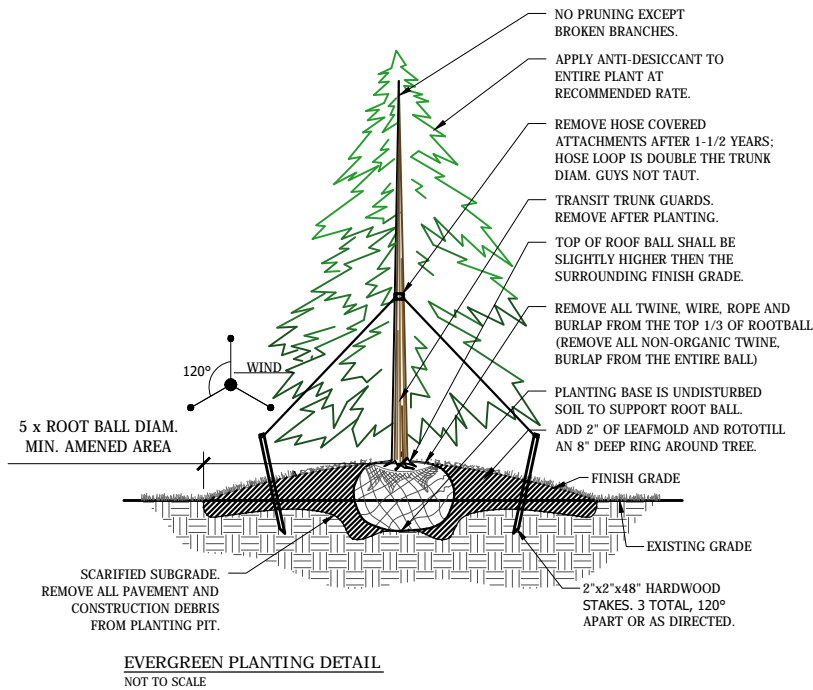
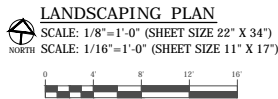
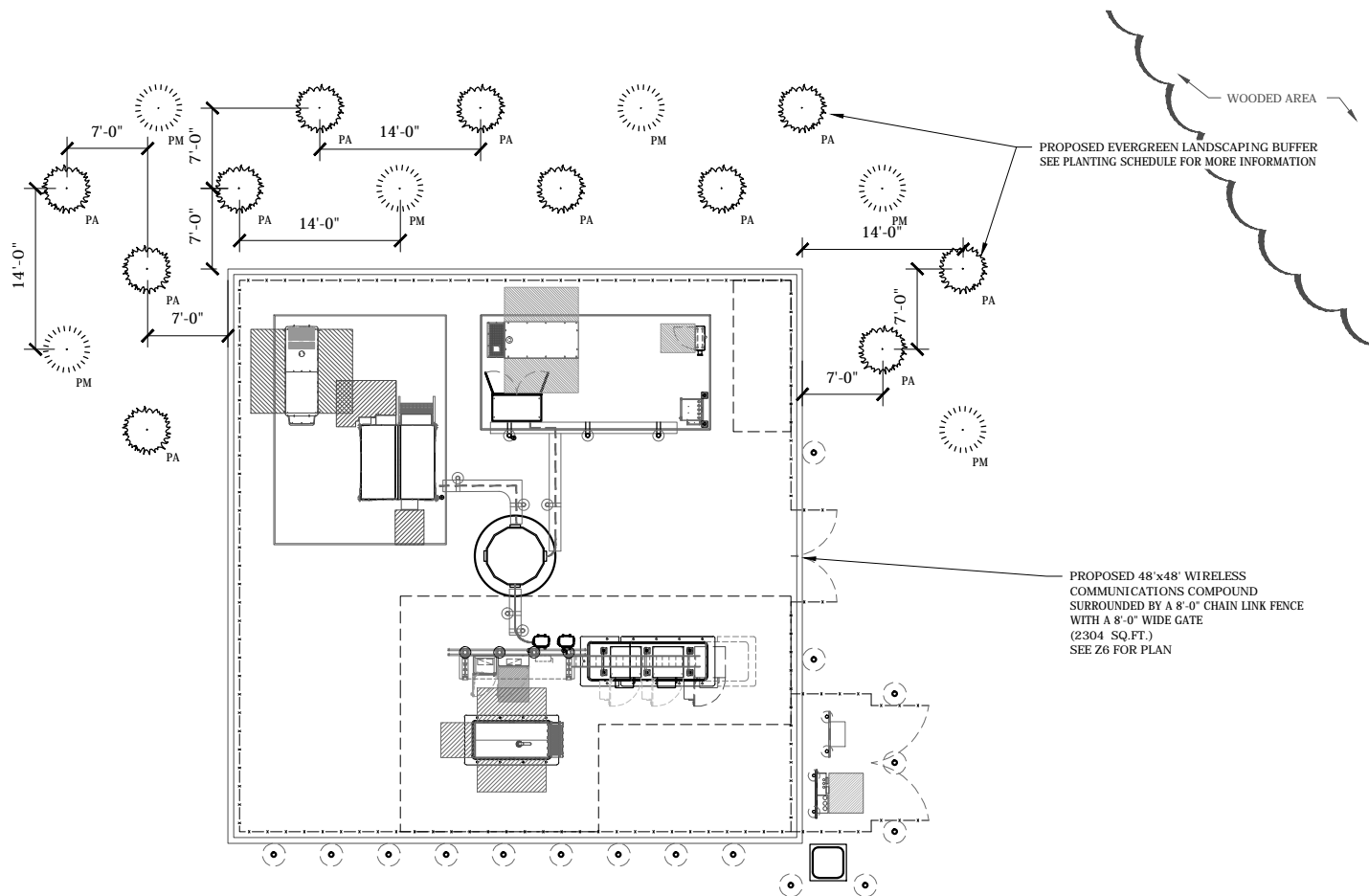
SITE DESIGNATION:
UNION COUNTY COLLEGE

DRAWN BY: AMA DATE: 11/28/18

SHEET No:
Z24

PLANTING SCHEDULE					
SYMBOL	BOTANICAL NAME	COMMON NAME	QUAN.	SIZE	COMMENTS
 PA	<i>Picea abies</i>	"NORWAY SPRUCE"	11	6'-7" IN B&B	EVERGREEN SPECIES, DEER RESISTANT, GROWS WELL IN SUN OR LIGHT SHADE, ZONE 2 TO 7. CAN REACH 40 TO 60 FT TALL.
 PM	<i>Pseudotsuga menziesii</i>	"DOUGLAS FIR"	6	6'-7" IN B&B	EVERGREEN SPECIES, DEER RESISTANT, GROWS WELL IN FULL SUN WELL-DRAINING SOIL, ZONE 4 TO 6. CAN REACH 50 TO 80 FT TALL.

NOTE:
1. ALL LANDSCAPING SHALL BE GUARANTEED BY THE INSTALLER FOR ONE YEAR
2. PRIOR TO PURCHASING OF ANY NEW LANDSCAPING OBTAIN THE TOWNSHIP ENGINEERS APPROVAL FOR TYPES OF SPECIES INDICATED, NOTIFY THE ARCHITECT OF ANY CHANGES



Frank Colasurdo, RA Date
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MA Lic. #32346
MD Lic. #19079
APPLICANT/CLIENT:


New York SMSA Limited
Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000
CO-APPLICANT/CLIENT:


New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
Bedminster, NJ 07921
(908) 532-1995
CO-APPLICANT/CLIENT:
T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:
**WIRELESS COMMUNICATION
FACILITY**
"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
4		
3	REV. 2 ZONING DRAWINGS PER ATTORNEY COMMENTS	05/10/19
2	REV. 1 ZONING DRAWINGS PER ATTORNEY COMMENTS	04/19/19
1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

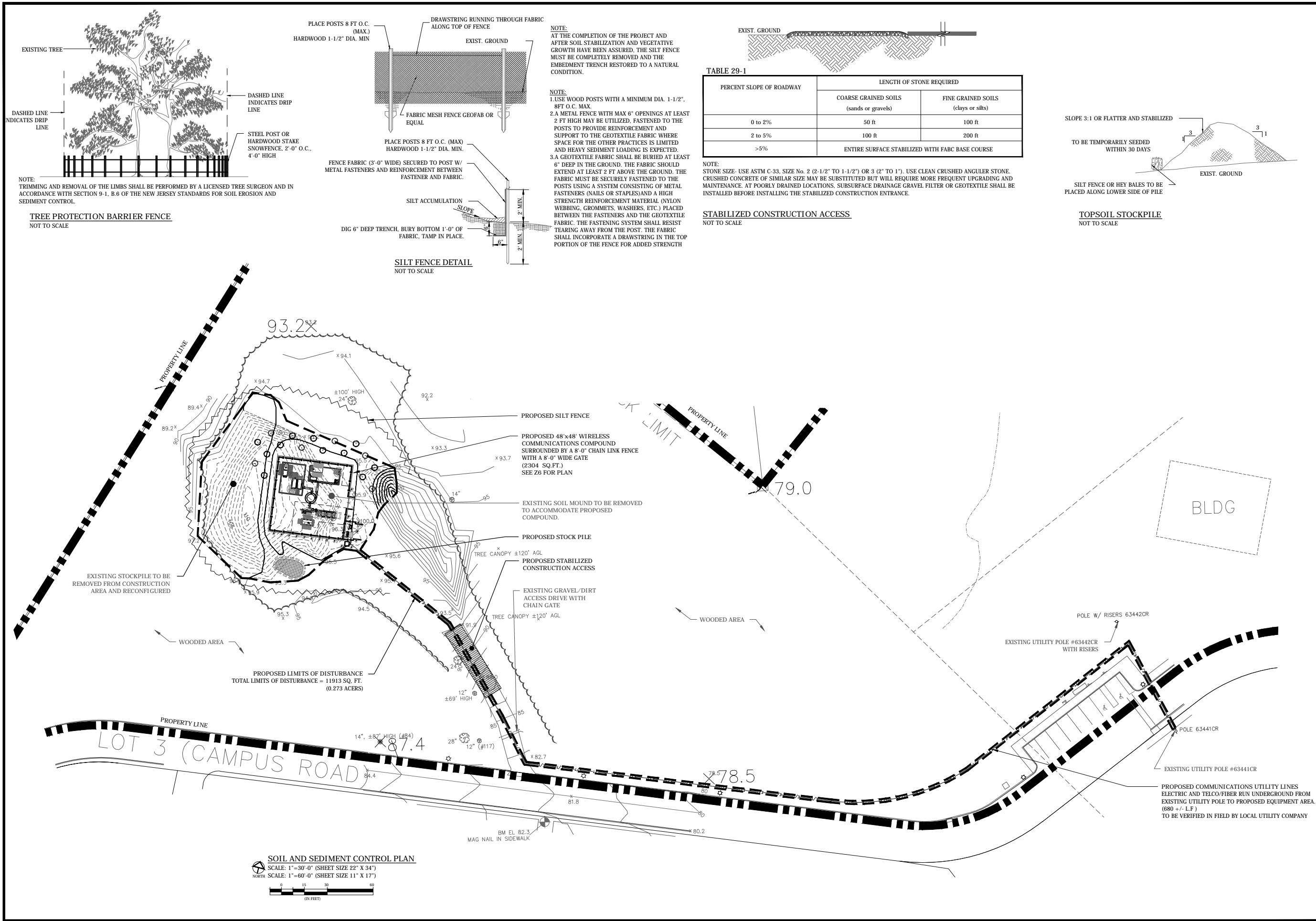
SHEET TITLE:
**LANDSCAPING
PLAN AND
DETAILS**

PROJECT No:
**VER3818
W-1128
NJ09961B**

SITE DESIGNATION:
**UNION COUNTY
COLLEGE**

DRAWN BY: DATE:
AMA 11/28/18

SHEET No:
Z25



Frank Colasurdo, RA Date

NJ Lic. #13753
NY Lic. #029379-1
PA Lic. #RA403655
MA Lic. #32346
MD Lic. #19079

APPLICANT/CLIENT:

verizon wireless

New York SMSA Limited Partnership
D/B/A Verizon Wireless
400 Warren Corporate Center Dr.
Building D
Warren, NJ 07059
(908) 256-7000

CO-APPLICANT/CLIENT:

AT&T Mobility

New Cingular Wireless PCS, LLC
By AT&T Mobility Corporation
One AT&T Way
Bedminster, NJ 07921
(908) 532-1995

CO-APPLICANT/CLIENT:

T-MOBILE NORTHEAST, LLC.
4 Sylvan Way
Parsippany, NJ 07054
(973) 397-4800

PROJECT:

WIRELESS COMMUNICATION FACILITY

"WESTFIELD 4"
1033 SPRINGFIELD AVE,
CRANFORD, NEW JERSEY 07016
BLOCK: 121 LOT: 1, 2.01, 2.02, 3, 4
& 5, BLOCK: 122 LOT: 25
UNION COUNTY

5	REV. 4 UPDATED LOT	09/06/19
4		
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1	FINAL ZONING DRAWINGS	04/12/19
0	PRELIMINARY ZONING DRAWINGS	11/28/18
ISSUE NO.	DESCRIPTION OF CHANGE	ISSUE DATE

SHEET TITLE:

**SOIL & SEDIMENT
CONTROL PLAN
AND DETAILS**

PROJECT No:

**VER3818
W-1128
NJ09961B**

SITE DESIGNATION:

**UNION COUNTY
COLLEGE**

DRAWN BY: AMA DATE: 11/28/18

SHEET No:

Z26

