

NEXTEL

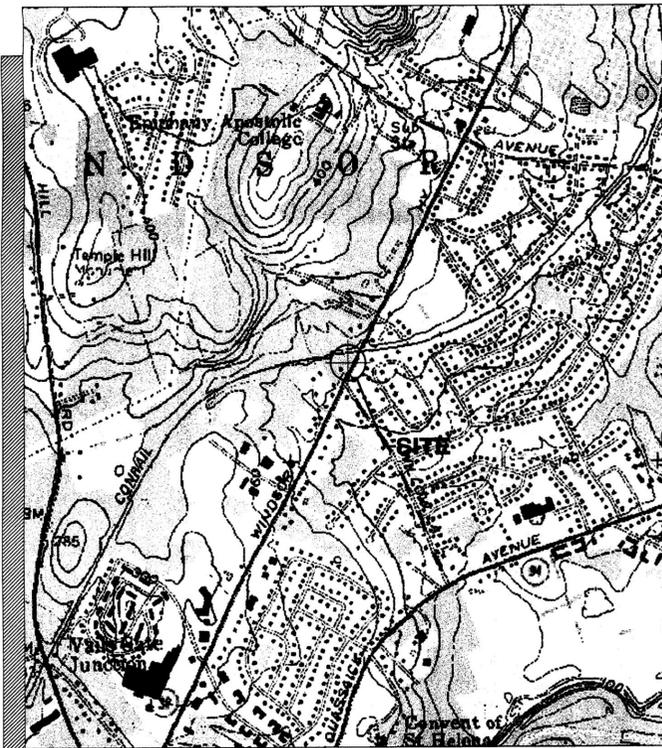
SITE NUMBER:
NY-4767

WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF A FENCED EQUIPMENT COMPOUND CONTAINING AN UNMANNED EQUIPMENT SHELTER, A PROPOSED 120' MONOPOLE, 12 PANEL ANTENNAS ATTACHED TO THE MONOPOLE, 3 RECEIVE ONLY GPS DEVICES MOUNTED TO THE EQUIPMENT SHELTER, ASSOCIATED ANTENNA CABLES AND ELECTRIC AND TELEPHONE EQUIPMENT.

PROJECT DESCRIPTION

NEXTEL CONSTRUCTION: PAUL MOSES
(914) 421-6619
A/E: PETER PAPAY, PE
(201) 934-2828
OWNER: GEORGE CHALEFF
(845) 562-8418

PROJECT CONTACTS



VICINITY MAP

SCALE: 1"=2000'

SITE NUMBER: NY-4767
SITE ADDRESS: 5 CHALEFFS LANE
NEW WINDSOR, NY 12553
ORANGE COUNTY
OWNER: GEORGE CHALEFF
5 CHALEFFS LANE
NEW WINDSOR, NY 12553
APPLICANT: NEXTEL OF NEW YORK, INC.
ONE NORTH BROADWAY, 2nd FLOOR
WHITE PLAINS, NY 10601
LEGAL DESCRIPTION:
BEING ALL THAT CERTAIN TRACT OR PARCEL OF LAND AND PREMISES
LOCATED IN THE STATE OF NEW YORK IN THE COUNTY OF ORANGE AND
TOWN OF NEW WINDSOR KNOWN AS LOT 44, BLOCK 1, IN SECTION 35.
ZONING DISTRICT: PI & C (PROPOSED IMPROVEMENTS ARE IN PI ZONE)
SCHOOL DISTRICT: NEWBURGH ENLARGED CITY SCHOOL DISTRICT
CURRENT USE: BUSINESS/RESIDENCE
COORDINATES (NAD 83): LATITUDE=N41° 28' 11.10" LONGITUDE=W74° 02' 58.08"

PROJECT SUMMARY

SHEET NUMBER	DESCRIPTION	REVISION DATE
T-1	TITLE SHEET	05/23/06
T-1A	500' RADIUS MAP AND OWNERS LIST	05/23/06
S-1	SITE PLAN, ELEVATIONS, DETAILS AND NOTES	05/23/06
S-2	DETAILS	05/23/06
S-3	DETAILS AND NOTES	05/23/06
S-4	LANDSCAPING AND SOIL EROSION CONTROL PLANS	05/23/06

SHEET INDEX



PAPAY ENGINEERING & CONSTRUCTION, INC.
100 HILLTOP ROAD, RAMSEY, NJ 07446
201-934-2828
NJ CERTIFICATE OF AUTHORIZATION NO. 240A27932900



NEXTEL COMMUNICATIONS
ONE NORTH BROADWAY, 2nd FLOOR
WHITE PLAINS, NEW YORK 10601
OFFICE: (914)421-2800
FAX: (914)421-2700

PROJECT NUMBER

1981

DRAWN BY

J.D.P.

CHECKED BY

P.A.P.

NO	DATE	ISSUE
0	02/23/06	REVIEW
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SITE NAME:
NEW WINDSOR EAST

SITE NUMBER:
NY-4767

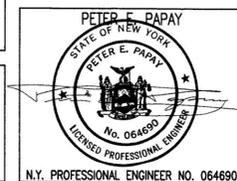
SITE ADDRESS:
5 CHALEFFS LANE
NEW WINDSOR, NY
12553
SECTION: 35
BLOCK: 1
LOT: 44

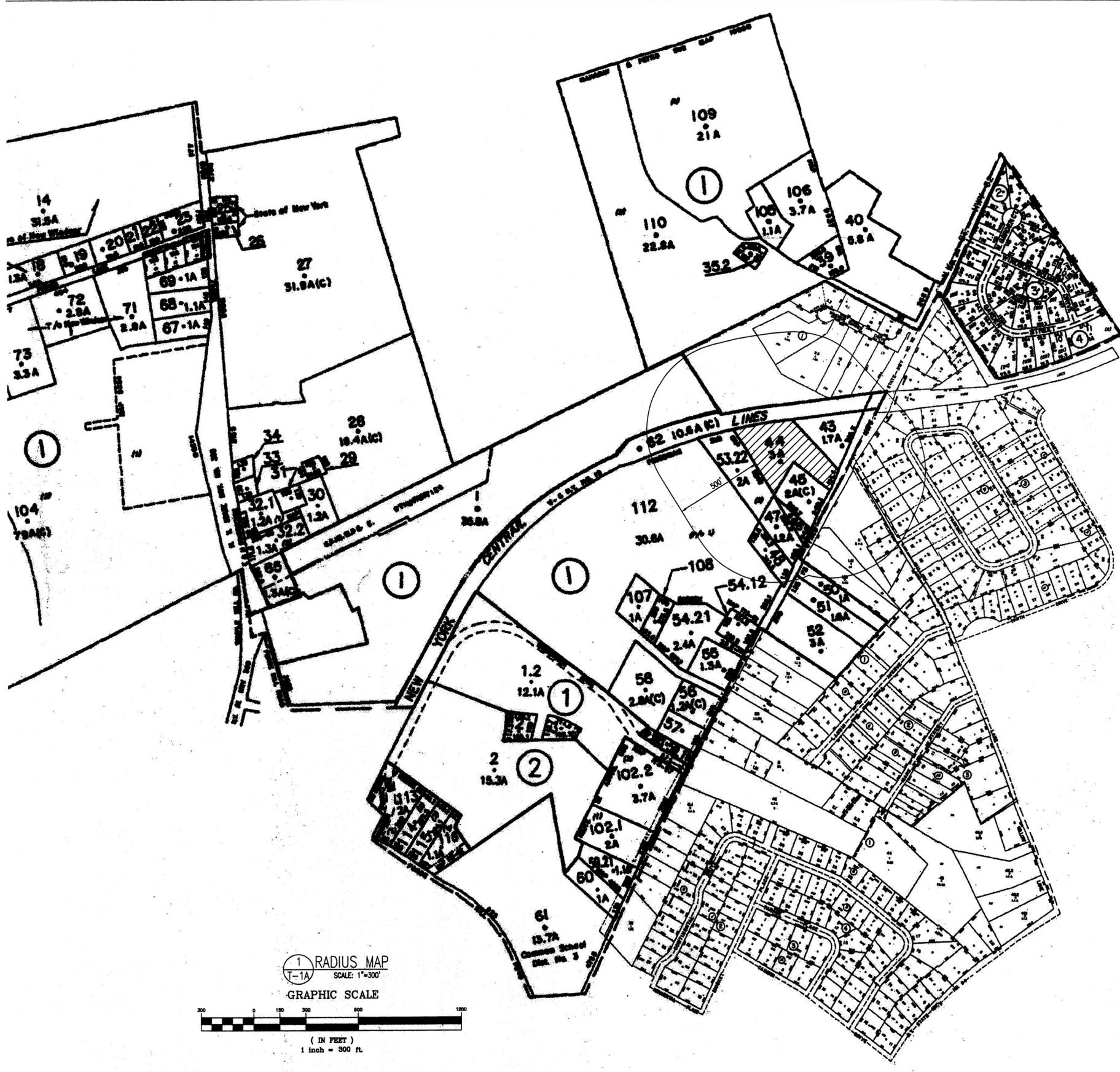
SHEET TITLE & NUMBER

TITLE SHEET

T-1

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- 35-1-17
Central Hudson Gas & Electric
284 South Avenue
Poughkeepsie, NY 12601
- 35-1-21
Cheryl & Michael Allen
John Miklovich
12 Causeway
New Windsor, NY 12553
- 35-1-46, 47 & 53.22
Ronald Lander
Phyllis Silver
12 Cimorelli Drive
New Windsor, NY 12553
- 35-1-112
Cox Holdings, LLC
7 Apta Way - Unit 101
Montroe, NY 10950
- 38-3-56
David & Eileen Garcia
40 Willow Parkway
New Windsor, NY 12553
- 38-3-59
Michael & Carolyn Reis
48 Willow Parkway
New Windsor, NY 12553
- 38-3-62
John & Antonietta Guerrero
23 Willow Parkway
New Windsor, NY 12553
- 38-4-1
Gerard & Maryann Macri
27 Willow Parkway
New Windsor, NY 12553
- 42-1-1.22
Richard Harris
275 Windsor Highway
New Windsor, NY 12553
- 82-1-1
Spinmaker Management - CM II
ATT: John Gudomiaz
3111 State Route 208
Walkkill, NY 12589
- 35-1-19
Eric & Maxine Burton
22 Causeway
New Windsor, NY 12553
- 35-1-43
Petro Metals, Inc.
P.O. Box 928
Vails Gate, NY 12584
- 35-1-48
In Kee Hong
Hui Song
P.O. Box 914
Woodridge, NY 12789
- 38-3-8
Rachel Miller
5 Cousant Lane
New Windsor, NY 12553
- 38-3-57
Santo & Edvige Emmanuele
42 Willow Parkway
New Windsor, NY 12553
- 38-3-60
Santos Sanchez
9 Willow Lane
New Windsor, NY 12553
- 38-3-63
Jeffrey & Jasmine Perez
3 Willow Lane
New Windsor, NY 12553
- 42-1-1.1
1877 Webster Realty, LLC
P.O. Box 314
Yonkers, NY 10710
- 42-1-2
Garrison & Bertha Karpoff
8 Willow Lane
New Windsor, NY 12553
- 35-1-20
James Marquis, et al
39 Cross Road
Marlboro, NY 12542
- 35-1-45
George Ross
36 Lanwood Plaza - #223
Fort Lee, NJ 07024
- 35-1-50
Stephen & Faith Kuprych
279 Windsor Highway
New Windsor, NY 12553
- 38-3-55
Walter Kroll
38 Willow Parkway
New Windsor, NY 12553
- 38-3-58
Mary Bargisen
44 Willow Parkway
New Windsor, NY 12553
- 38-3-61
Robert Toohay
7 Willow Lane
New Windsor, NY 12553
- 38-3-64
Maizie & Alfred Ruger, Sr.
1 Willow Lane
New Windsor, NY 12553
- 42-1-1.21
Venera Martinis
273 Windsor Highway
New Windsor, NY 12553
- 42-1-3
Christopher & Laurie Orr
10 Willow Lane
New Windsor, NY 12553



PAPAY ENGINEERING & CONSTRUCTION, INC.
100 HILLTOP ROAD, RAMSEY, NJ 07446
201-934-2828
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ONE NORTH BROADWAY, 2nd FLOOR
WHITE PLAINS, NEW YORK 10601
OFFICE: (914)421-2800
FAX: (914)421-2700

PROJECT NUMBER: 1981

DRAWN BY: J.D.P.

CHECKED BY: P.A.P.

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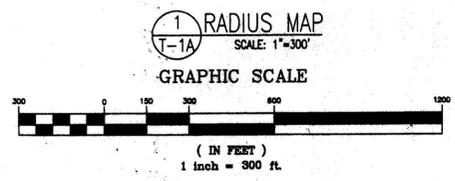
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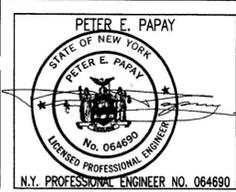
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BLOCK: 1
LOT: 44

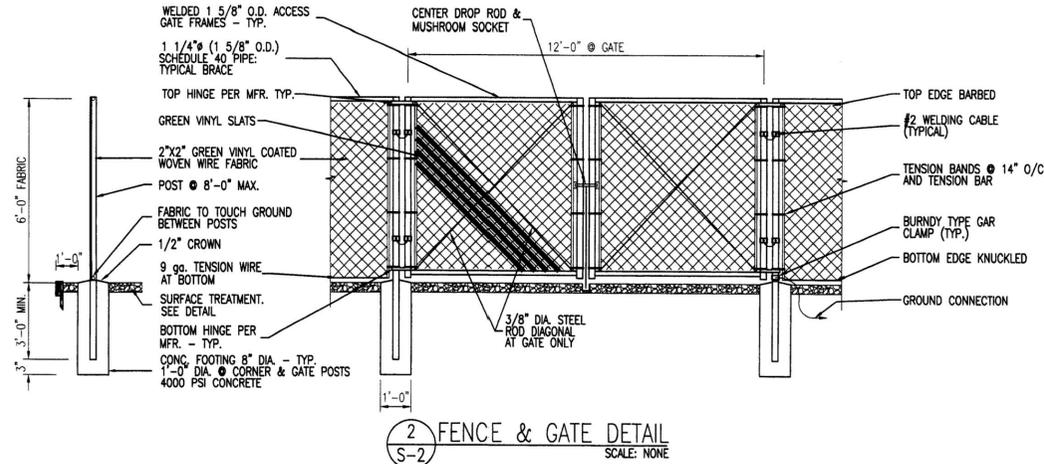
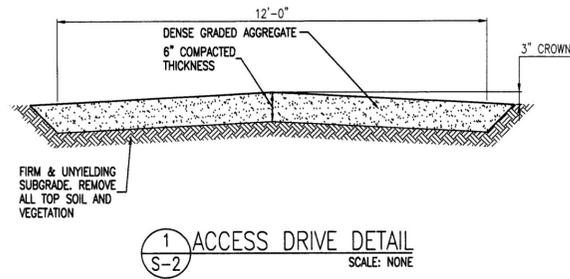
SHEET TITLE & NUMBER

500' RADIUS MAP AND OWNERS LIST
T-1A

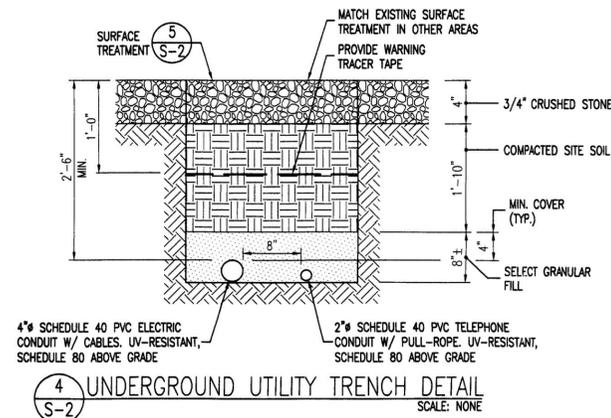
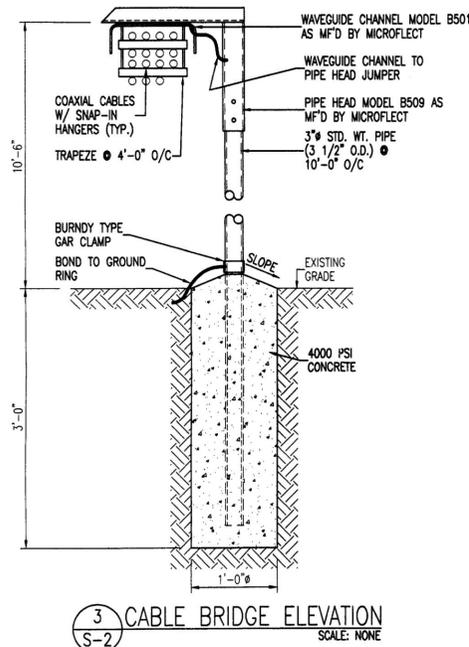


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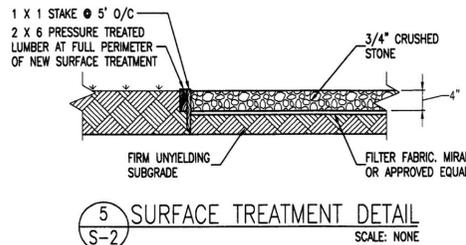
NOTES:
 1. ALL FENCING & RELATED ASSEMBLIES SHALL BE GREEN, EXTRUDED/BONDED, VINYL COATED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS: GATE FRAMES: RR-F-191/20, FABRIC: ASTM F668 CLASS 2a, POSTS & RAILS: RR-F-191/30, CLASS 1, GRADE A.
 2. FOR GROUNDING PURPOSES: REMOVE OUTER COVERING, EXPOSE STEEL PIPE, MAKE GROUND CONNECTION, PAINT EXPOSED SURFACES TO MATCH FACTORY FINISH.



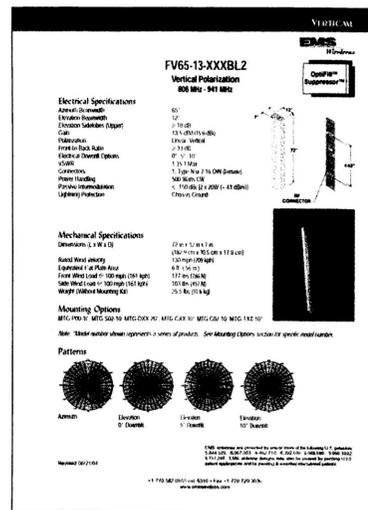
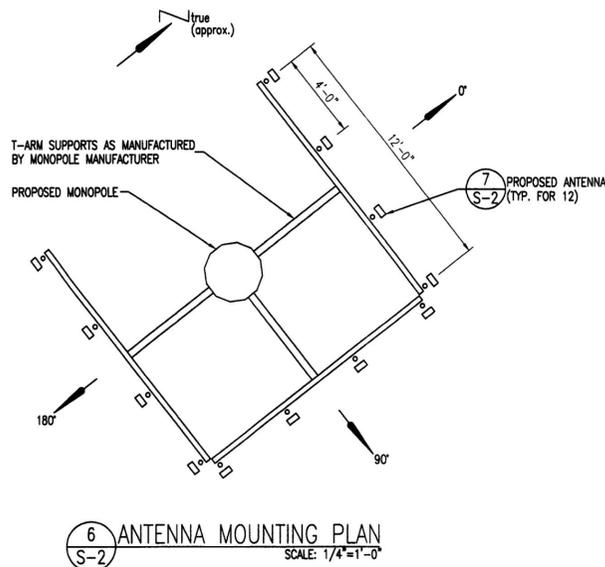
NOTES:
 1. PROVIDE 1/4" POLYPROPYLENE PULL ROPE FOR EACH TELEPHONE RUN.
 2. COORDINATE UTILITY RUN WITH EXISTING UNDERGROUND UTILITIES AND STRUCTURES. UTILIZE AN INDEPENDENT UTILITY LOCATING SERVICE AND CALL 1-800-962-7962.
 3. REMOVE & HAUL OFF-SITE ALL EXCESS SITE SOIL.
 4. RESTORE ALL SURFACES TO ORIGINAL CONDITION.
 5. CONDUIT SHALL BE SCHEDULE 80, UV-RESISTANT WHERE EXPOSED TO ATMOSPHERE.

ANTENNA AND COAXIAL CABLE SCHEDULE								
ANTENNA MARK	SECTOR	ANTENNA	MECHANICAL DOWNTILT	ELECTRICAL DOWNTILT	AZIMUTH	ANTENNA HEIGHT	COAXIAL CABLE LENGTH	COAXIAL CABLE TYPE
A-1	1	FV65-13-XXXBL2	SEE NOTE #1	-	0°	120'-0"	150'	ANDREW 1 5/8"
A-2	1	FV65-13-XXXBL2	SEE NOTE #1	-	0°	120'-0"	150'	ANDREW 1 5/8"
A-3	1	FV65-13-XXXBL2	SEE NOTE #1	-	0°	120'-0"	150'	ANDREW 1 5/8"
A-4	1	FV65-13-XXXBL2	SEE NOTE #1	-	0°	120'-0"	150'	ANDREW 1 5/8"
-	1	-	-	-	-	-	150'	ANDREW 1 5/8"
A-5	2	FV65-13-XXXBL2	SEE NOTE #1	-	90°	120'-0"	150'	ANDREW 1 5/8"
A-6	2	FV65-13-XXXBL2	SEE NOTE #1	-	90°	120'-0"	150'	ANDREW 1 5/8"
A-7	2	FV65-13-XXXBL2	SEE NOTE #1	-	90°	120'-0"	150'	ANDREW 1 5/8"
A-8	2	FV65-13-XXXBL2	SEE NOTE #1	-	90°	120'-0"	150'	ANDREW 1 5/8"
-	2	-	-	-	-	-	150'	ANDREW 1 5/8"
A-9	3	FV65-13-XXXBL2	SEE NOTE #1	-	180°	120'-0"	150'	ANDREW 1 5/8"
A-10	3	FV65-13-XXXBL2	SEE NOTE #1	-	180°	120'-0"	150'	ANDREW 1 5/8"
A-11	3	FV65-13-XXXBL2	SEE NOTE #1	-	180°	120'-0"	150'	ANDREW 1 5/8"
A-12	3	FV65-13-XXXBL2	SEE NOTE #1	-	180°	120'-0"	150'	ANDREW 1 5/8"
-	3	-	-	-	-	-	150'	ANDREW 1 5/8"
GPS		(3) RADIALL / LARSEN GPS0013				2' ABOVE SHELTER ROOF	1 X 3', 1 X 8', 1 X 18'	ANDREW 1/2"

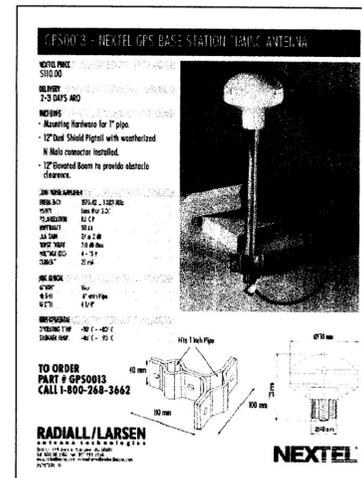
NOTES:
 1. ALL ANTENNAS TO BE FURNISHED WITH MECHANICAL DOWNTILT BRACKETS. CONTRACTOR TO COORDINATE REQUIRED DOWNTILTS WITH RF ENGINEER. ANTENNA DOWNTILT SHALL BE SET AND VERIFIED WITH A SMART LEVEL.
 2. CABLE LENGTHS PROVIDED ARE ESTIMATES. CONTRACTOR SHALL VERIFY IN FIELD.



NOTES:
 1. PROVIDE SURFACE TREATMENT WITHIN ENTIRE FENCED COMPOUND AND 1'-0" BEYOND, ON ALL SIDES.
 2. REMOVE EXISTING SOD, ROOTS AND VEGETATION COVERING AREA OF NEW SURFACE TREATMENT.



NOTES:
 1. ANTENNA MODEL SHOWN IS SUBJECT TO CHANGE DUE TO AVAILABILITY AND/OR TECHNOLOGICAL CHANGES. SIZE SHOWN HERE WILL NOT BE EXCEEDED.



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PAPAY ENGINEERING & CONSTRUCTION, INC.
 100 HILLTOP ROAD, RAMSEY, NJ 07446
 201-934-2828
 NJ CERTIFICATE OF AUTHORIZATION NO. 240A27932900

NEXTEL

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 ONE NORTH BROADWAY, 2nd FLOOR
 WHITE PLAINS, NEW YORK 10601
 OFFICE: (914)421-2800
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 OWNER: _____ DATE: _____

SITE NAME:
 NEW WINDSOR EAST

SITE NUMBER:
 NY-4767

SITE ADDRESS:
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 12553
 SECTION: 35
 BLOCK: 1
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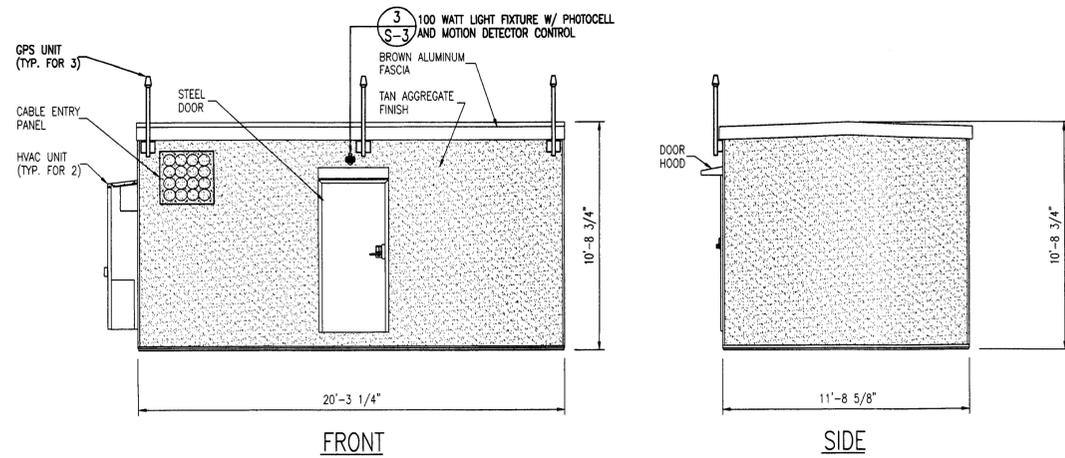
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DETAILS

S-2

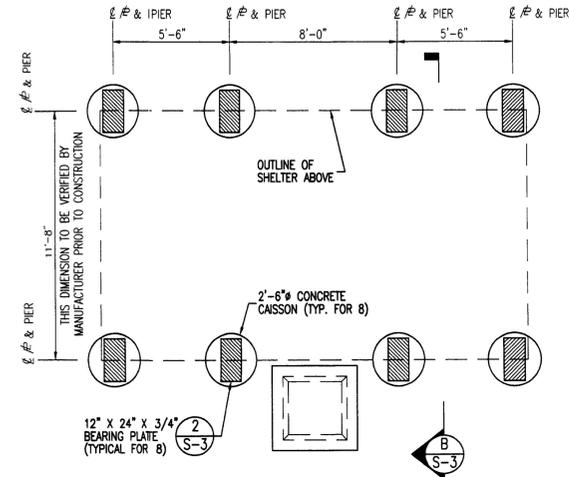
PETER E. PAPAY
 STATE OF NEW YORK
 LICENSED PROFESSIONAL ENGINEER
 No. 064690
 N.Y. PROFESSIONAL ENGINEER NO. 064690

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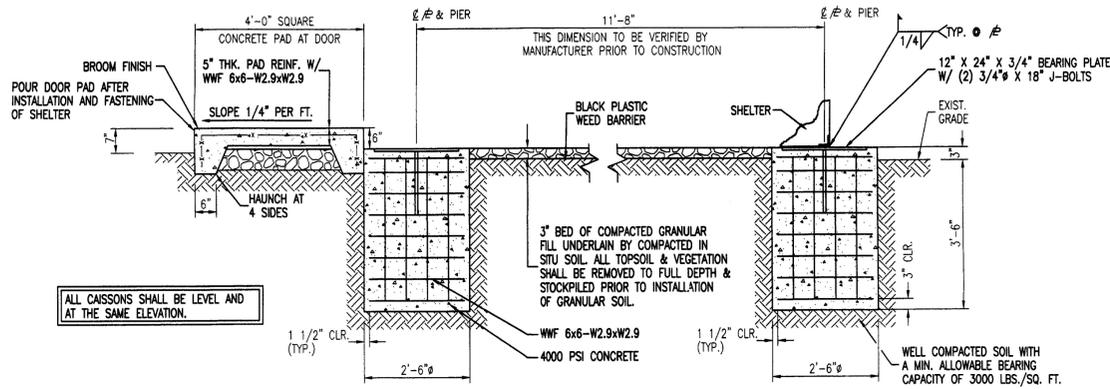


A SHELTER ELEVATIONS
SCALE: 1/4"=1'-0"

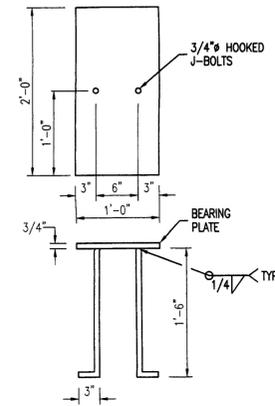
- NOTES:**
- SEE DWG. S-1 FOR SHELTER LOCATION AND ORIENTATION.
 - COORDINATE ALL DIMENSIONS WITH EQUIPMENT SHELTER MANUFACTURER.
 - VERIFY ALL FOUNDATION DIMENSIONS WITH MANUFACTURER PRIOR TO CONSTRUCTION.



1 FOUNDATION PLAN
SCALE: 1/4"=1'-0"

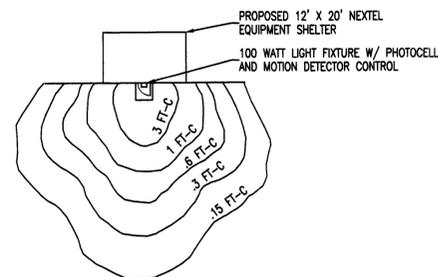


B FOUNDATION SECTION
SCALE: 1/2"=1'-0"



2 BEARING PLATE DETAIL
SCALE: 1"=1'-0"

- NOTES:**
- PROVIDE (8) BEARING PLATES.



3 ISOLUX LIGHTING PLAN
SCALE: 1"=20'

STEEL NOTES

- INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE PROJECT MANAGER PRIOR TO REPAIR OR CORRECTIVE ACTION.
- DESIGN AND CONSTRUCTION OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION.
- STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36, "STRUCTURAL STEEL", LATEST EDITION, UNLESS OTHERWISE INDICATED.
- ALL PIPES SHALL CONFORM TO ASTM A501 OR A53 GRADE B (F_y=35 ksi MIN.). A500 GRADE B MAY BE USED IF A501 OR A53 STEEL IS NOT AVAILABLE.
- ALL TUBES SHALL CONFORM TO ASTM A500 GRADE B (F_y=46 ksi).
- ALL THREADED RODS SHALL BE A36, UNLESS OTHERWISE NOTED.
- SHOP CONNECTIONS SHALL BE WELDED OR BOLTED. FIELD CONNECTIONS SHALL BE BOLTED UNLESS OTHERWISE INDICATED. ALL BOLTED CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS.
- STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS AND SHALL CONFORM TO ASTM A325 "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS", LATEST EDITION. BOLTS SHALL BE 5/8" DIAMETER, UNLESS OTHERWISE NOTED. NUTS SHALL BE HEAVY HEX. A LOCKING DEVICE SHALL BE INSTALLED ON ALL STEEL TO STEEL CONNECTIONS.
- CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE, QUALITY OF WELDS AND FOR METHODS USED IN CORRECTIVE WELDING. ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDS SHALL BE WITH E70 ELECTRODES, UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED, ALL STEEL, BOLTS AND U-BOLTS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION CONFORMING ASTM A153.
- TRIMMED ENDS OF STEEL AND DISTURBED SURFACES SHALL RECEIVE A COAT OF Z.R.C. COLD GALVANIZING COMPOUND AS MANUFACTURED BY Z.R.C. CHEMICAL PRODUCTS CO., QUINCY, MASS.
- ALL SPECIALTY ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
- ALL MASTS SHALL BE CONTINUOUS (WITHOUT SPLICE) AND INSTALLED PLUMB UNLESS OTHERWISE NOTED.

CONCRETE NOTES

- CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-05) AND COMMENTARY ACI 318R-05.
- CAST-IN-PLACE CONCRETE SHALL BE NORMAL WEIGHT CONCRETE AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. SLUMP SHALL BE 4 INCHES (±1 INCH). AIR ENTRAINMENT SHALL BE 8%.
- CONCRETE REINFORCING BARS SHALL BE GRADE 60 DEFORMED BARS AND SHALL CONFORM TO ASTM SPECIFICATION A 615 WITH A MINIMUM YIELD STRENGTH F_y=60 ksi. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A62 AND SHALL HAVE A MINIMUM F_y=70 ksi.
- UNLESS OTHERWISE NOTED, MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS:
 - 3" FOR FOUNDATION BOTTOM BARS AND VERTICAL BARS.
- MINIMUM LAP SPLICES SHALL BE 40 BAR DIAMETERS.

FOUNDATION NOTES

- FOUNDATIONS SHALL BEAR ON UNDISTURBED NATURAL SOIL OR COMPACTED STRUCTURAL FILL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY OF 3000 POUNDS PER SQUARE FOOT.
- CONTRACTOR SHALL EMPLOY ALL NECESSARY MEASURES TO SAFEGUARD THE STRUCTURAL INTEGRITY OF ADJACENT STRUCTURES DURING EXCAVATION AND CONSTRUCTION OF FOUNDATIONS. SIDEWALL STABILITY OF EXCAVATIONS SHALL BE MAINTAINED DURING EXCAVATION. ANY UNUSUAL FIELD CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- BOTTOM OF EXCAVATION SHALL BE CLEARED OF LOOSE MATERIAL AND WATER PRIOR TO PLACEMENT OF CONCRETE. DEWATERING SHALL BE PERFORMED WITHOUT LOOSENING OF THE SUBGRADE.
- FOOTINGS AND SLABS SHALL BE PLACED ON FIRM, DRY AND NON-FROZEN SUBGRADE.



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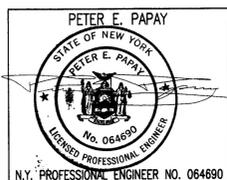
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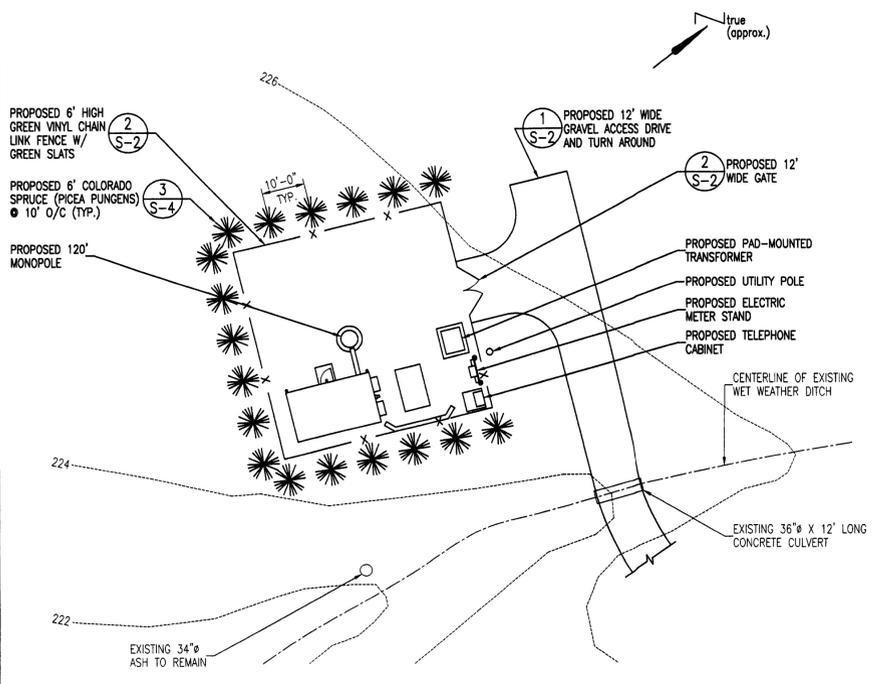
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DETAILS AND NOTES

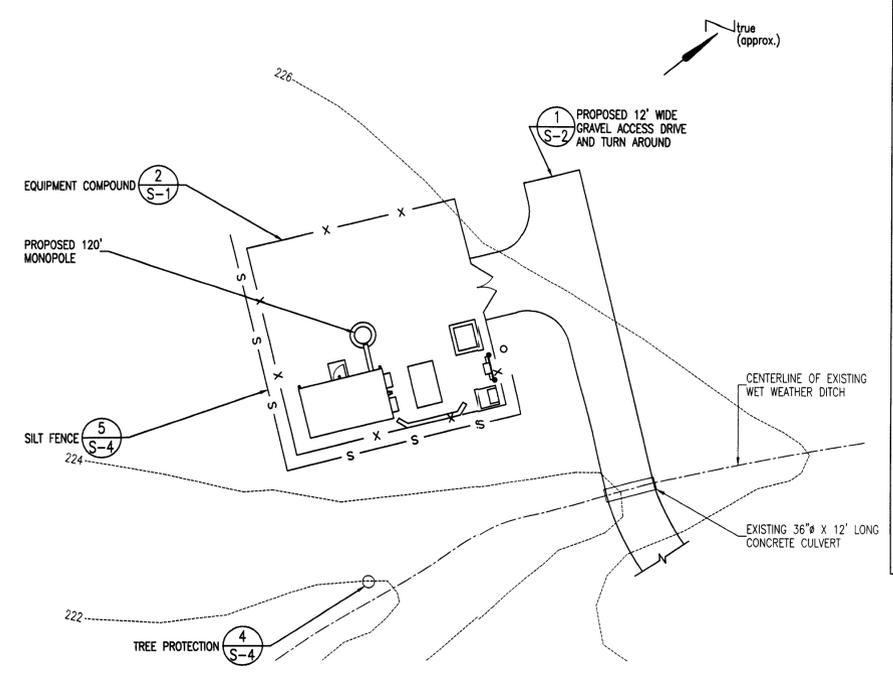
S-3

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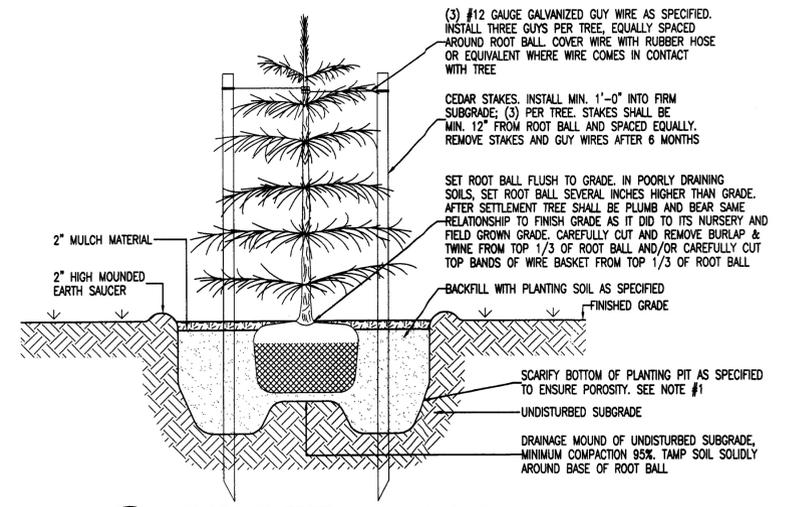
1 LANDSCAPING PLAN
SCALE: 1"=20'



2 SOIL EROSION CONTROL PLAN
SCALE: 1"=20'

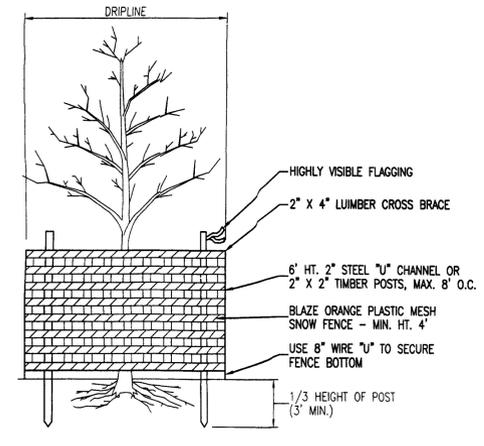
- SOIL EROSION NOTES**
- TRACT AREA: 3.06 ACRES.
 - AREA OF DISTURBANCE: 0.12 ACRES.
 - ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES ARE TO BE INSTALLED, IN THEIR SEQUENCE, BEFORE ANY MAJOR SOIL DISTURBANCE TAKES PLACE, AND SUCH DEVICES MUST BE MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
 - ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED MORE THAN THIRTY (30) DAYS, AND IS NOT SUBJECT TO THE CONSTRUCTION TRAFFIC, MUST IMMEDIATELY RECEIVE A TEMPORARY SEEDING IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SCHEDULE. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS ARE TO BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW YORK.
 - PERMANENT VEGETATION MUST BE SEEDED OR SOGGED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH MUST BE USED AS NECESSARY FOR PROTECTION, UNTIL SEEDING IS ESTABLISHED.
 - ALL WORK MUST BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW YORK.
 - AT THE TIME OF PREPARATION FOR STABILIZATION, SOIL THAT WILL NOT PROVIDE AN ADEQUATE ENVIRONMENT FOR PERMANENT VEGETATIVE GROUNDCOVER MUST BE REMOVED OR TREATED IN A WAY THAT WILL ADJUST THE SOIL AND RENDER IT SUITABLE FOR VEGETATIVE GROUNDCOVER. IF REMOVAL OR TREATMENT WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT STABILIZATION WILL HAVE TO BE EMPLOYED.
 - PERMANENT GROUNDCOVER ON ALL UNPAVED AREAS OF THE SITE MUST BE IN ACCORDANCE WITH CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS AND REGULATIONS.
 - THE APPLICANT MUST NOTIFY THE ORANGE COUNTY SOIL CONSERVATION DISTRICT, IN WRITING, AT LEAST 48 HOURS BEFORE INITIAL LAND DISTURBANCE.
 - SEQUENCE OF CONSTRUCTION:
 - INSTALL FILTER FENCE, 1 DAY.
 - EXCAVATE, FORM AND POUR CONCRETE CAISSONS FOR MONOPOLE, 2 DAYS.
 - CONCRETE CURING AND ERECT MONOPOLE, 8 DAYS.
 - EXCAVATE, FORM AND POUR CONCRETE CAISSONS FOR EQUIPMENT SHELTER FOUNDATION, 1 DAY.
 - SET ELECTRIC METER STAND AND TELEPHONE DEMARC, 1 DAY.
 - INSTALL UNDERGROUND ELECTRIC AND TELEPHONE, 1 DAY.
 - INSTALL ANTENNA CABLES AND ANTENNAS, 2 DAYS.
 - INSTALL ACCESS DRIVE, 2 DAYS.
 - SET MODULAR EQUIPMENT SHELTER, COMPLETE WIRING, 3 DAYS.
 - SEED DISTURBED AREAS OUTSIDE OF SURFACE TREATMENT; REMOVE FILTER FENCE.
 - INSTALL LANDSCAPING, 1 DAY.
 - SEED MIXTURE:
 - RESTOR 0.2 LBS./1,000 SQ. FT.
 - TALL FESCUE 6 LBS./1,000 SQ. FT.

- LANDSCAPE NOTES**
- ALL EXISTING VEGETATION TO REMAIN TO BE ADEQUATELY PROTECTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - ALL EXISTING VEGETATION TO REMAIN TO BE LIMBED UP/PRUNED BACK AS NEEDED TO REMOVE ANY DEAD, DAMAGED, DISEASED, DYING, OR HAZARDOUS LIMBS.
 - CONTRACTOR SHALL MAKE EVERY EFFORT TO PREVENT/MINIMIZE COMPACTION OF SOIL IMMEDIATELY OVER THE TREE'S ROOT SYSTEM WITHIN THE DRIP LINE.
 - IF ROOT DAMAGE OCCURS TO AN EXISTING PLANT THAT IS TO REMAIN, THE CROWN OF THE TREE IS TO BE REDUCED THRU SELECTIVE PRUNING DONE IN A MANNER TO MAINTAIN THE NATURAL CHARACTER OF THE PLANT PROPORTIONAL TO THE AMOUNT/DEGREE/PERCENTAGE OF ROOT LOSS.
 - ALL STUMPS AND OTHER TREE PARTS, LIMBS, WEEDS, EXCESS OR SCRAP BUILDING MATERIALS, OR OTHER DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH LOCAL ENVIRONMENTAL REGULATIONS. NO TREE STUMPS, PORTIONS OF TREE TRUNKS OR LIMBS SHALL BE BURIED ANYWHERE IN THE AREA OF DEVELOPMENT. ALL DEAD OR DYING TREES, STANDING OR FALLEN, SHALL BE REMOVED FROM THE SITE.
 - PRIOR TO ANY EXCAVATION FOR THE INSTALLATION OF PLANT MATERIAL, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF ANY AND ALL UNDERGROUND UTILITIES.
 - THE CONTRACTOR SHALL INSPECT ALL PLANTING AREAS BEFORE ANY TOPSOILING OR PLANTING IS BEGUN TO INSURE ADEQUATE DRAINAGE EXISTS. IF ANY AREAS TO BE LANDSCAPED SHOW EVIDENCE OF POOR DRAINAGE, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY FOR CORRECTIVE ACTION. ANY PLANT MATERIAL THAT DIES DUE TO POOR OR INADEQUATE DRAINAGE SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
 - TOPSOIL MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE REDISTRIBUTED SO AS TO PROVIDE AT LEAST FIVE (5) INCHES OF COVER TO ALL AREAS OF THE DEVELOPMENT AND SHALL BE STABILIZED BY SEEDING, SOGGING, OR PLANTING.
 - TOPSOIL SHALL BE IN A NATURAL, FRABLE TOPSOIL, REPRESENTATIVE OF PRODUCTIVE SOILS IN THE VICINITY. IT SHALL BE OBTAINED FROM WELL-DRAINED AREAS, FREE OF SUBSOL, FOREIGN MATTER, TOXIC SUBSTANCES AND ANY HARMFUL MATERIAL.
 - BACKFILL MATERIAL FOR BACKFILLING AROUND TREE/SHRUB BALLS SHALL BE A MIXTURE BY VOLUME OF THE FOLLOWING MATERIALS IN QUANTITIES SPECIFIED: 1/3 PEAT MOSS, 4/5 TOPSOIL, ADD 15 LBS. OF 20-10-5 FERTILIZER PER CUBIC YARD OF BACKFILL. BACKFILL MATERIAL BY ANALYSIS SHALL HAVE AT LEAST 15% ORGANIC MATTER.
 - ALL PLANT MATERIAL THAT IS TO BE INSTALLED TO BE IN FULL COMPLIANCE WITH THE SPECIFICATIONS CITED IN THE "PLANT LIST" ANY DEVIATION/SUBSTITUTION FROM THE PLANT LIST TO BE REVIEWED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT PRIOR TO THE PURCHASE OF THE MATERIAL.
 - ALL LANDSCAPE MATERIALS TO BE OF NURSERY STOCK AND FREE OF INSECTS AND DISEASE.
 - ALL TREES, SHRUBS, AND GROUND COVERS TO COMPLY WITH THE REQUIREMENTS OF ANSI Z66.1 "AMERICAN STANDARDS FOR NURSERY STOCK" AND AS FURTHER SPECIFIED.
 - ALL TREES TO BE STRAIGHT TRUNKED AND LEADER(S) INTACT.
 - ALL LANDSCAPE BEDS, PLANTED AREAS, AND TREE SAUCERS TO CONTAIN 2" SHREDDED PINE BARK MULCH.
 - PLANTING BEDS RECEIVING MULCH SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING AND MULCH PLACEMENT. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE.



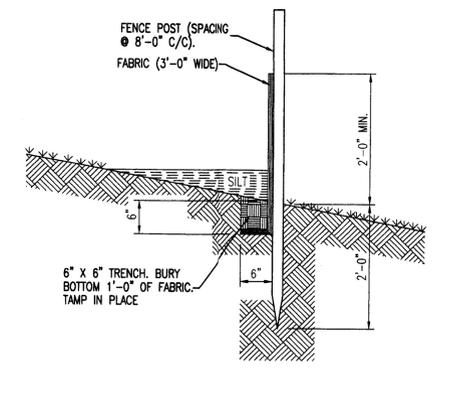
3 EVERGREEN TREE PLANTING DETAIL
SCALE: NONE

- NOTES:**
- ALL TREE PITS SHALL PERCOLATE. TEST EACH PIT PRIOR TO PLANTING.
 - TREE PITS SHALL BE A MINIMUM OF 2' WIDER THAN ROOT BALL FOR TREES SMALLER OR EQUAL TO 5" CAL., AND A MINIMUM OF 4' WIDER FOR TREES OVER 5" CAL.
 - DO NOT WRAP TREE TRUNK. MARK THE NORTH SIDE OF THE TREE IN THE NURSERY AND LOCATE TO THE NORTH IN THE FIELD.

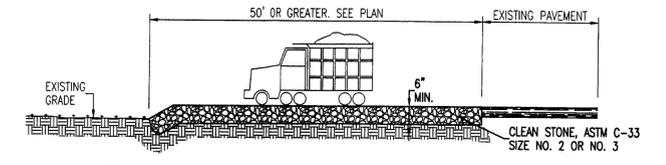


4 TREE PROTECTION FENCING
SCALE: NONE

- NOTES:**
- BARRIER PREVENTS COMPACTION OF SOIL AROUND ROOTS BY CONSTRUCTION EQUIPMENT.
 - REMOVE ALL FENCING AND STAKES IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION.
 - SEDIMENT FENCE MATERIAL MAY BE USED TO BUILD FENCE.



5 SILT FENCE DETAIL
SCALE: NONE



6 STABILIZED CONSTRUCTION ENTRANCE
SCALE: NONE

- NOTES:**
- PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND EXISTING PAVEMENT.



PAPAY ENGINEERING & CONSTRUCTION, INC.
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NJ CERTIFICATE OF AUTHORIZATION NO. 240A27932900



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PROJECT NUMBER
1981

DRAWN BY
J.D.P.

CHECKED BY
P.A.P.

NO	DATE	ISSUE
0	02/23/06	REVIEW
1	04/04/06	APPROVAL
2	04/07/06	APPROVAL
3	05/23/06	APPROVAL

APPROVALS

CFS: _____ DATE: _____

OPS: _____ DATE: _____

CONSTRUCTION: _____ DATE: _____

RF: _____ DATE: _____

OWNER: _____ DATE: _____

SITE NAME:
NEW WINDSOR EAST

SITE NUMBER:
NY-4767

SITE ADDRESS:
5 CHALEFFS LANE
NEW WINDSOR, NY
12553

SECTION: 35
BLOCK: 1
LOT: 44

SHEET TITLE & NUMBER
LANDSCAPING AND SOIL
EROSION CONTROL
PLANS
S-4

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