

PARENT PARCEL

OWNER: WILLIAM PHILLIP KITTELL, JR., AND LISA E. KIRKMAN, TRUSTEES, OR THEIR SUCCESSORS IN TRUST UNDER THE KITTELL AND KIRKMAN LIVING TRUST DATED NOVEMBER 20, 2006

SITE ADDRESS: 7040 PINE FOREST ROAD, PENSACOLA, FL 32526

PARCEL ID: 241S314301000001

AREA: 9.2808 ACRES (PER TAX ASSESSOR)

ZONED: HC/LHAI (HEAVY COMMERCIAL / LIGHT INDUSTRIAL)

ALL ZONING INFORMATION SHOULD BE VERIFIED WITH THE PROPER ZONING OFFICIALS

REFERENCE: DEED BOOK 8121 PAGE 1148

TITLE EXCEPTIONS

THIS SURVEY WAS COMPLETED WITH THE AID OF TITLE WORK PREPARED BY US TITLE SOLUTIONS, COMMITMENT DATE OF MARCH 16, 2020, EXAMINED FROM JUNE 27, 1964 TO MARCH 13, 2020, BEING FILE NO. 65123-FL2003-5030, FOR THE PARENT PARCEL, TO DETERMINE THE IMPACTS OF EXISTING TITLE EXCEPTIONS.

8. AFFIDAVIT BETWEEN WILLIAM P. KITTELL AND LOLA V. KITTELL DATED 5/29/2003 RECORDED 6/9/2003 IN BOOK 5156 PAGE 1858.

[THIS ITEM IS NOT A SURVEY RELATED ITEM]

9. MEMORANDUM OF TRUST BETWEEN WILLIAM P. KITTELL AND LOLA V. KITTELL DATED 7/28/2003 RECORDED 7/30/2003 IN BOOK 5201 PAGE 458.

[THIS ITEM IS NOT A SURVEY RELATED ITEM]

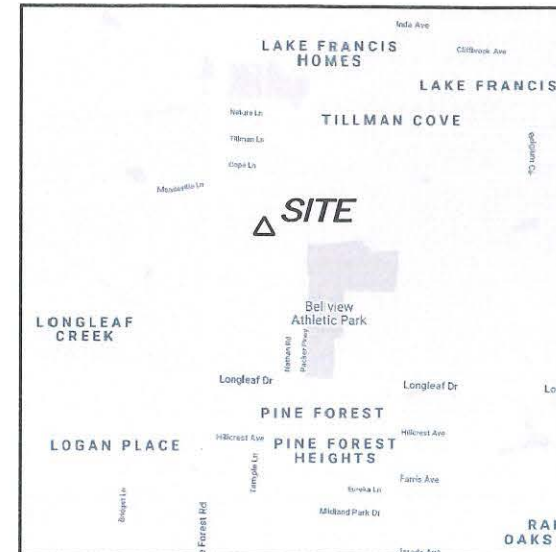
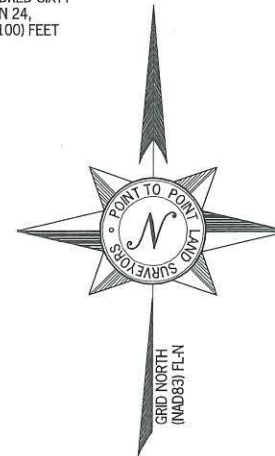
10. CERTIFICATION OF TRUST BETWEEN WILLIAM PHILLIP KITTELL, JR., AND LISA E. KIRKMAN RECORDED 4/18/2019 IN BOOK 8080 PAGE 1576.

[THIS ITEM IS NOT A SURVEY RELATED ITEM]

PARENT PARCEL

(PER FILE NO.: 65123-FL2003-5030)

THE SOUTH THREE HUNDRED THIRTY (330) FEET OF THE NORTH SIX HUNDRED SIXTY (660) FEET OF THE SOUTH-WEST 1/4 OF THE SOUTHEAST 1/4, IN SECTION 24, TOWNSHIP 1 SOUTH, RANGE 31 WEST, LESS THE WEST ONE HUNDRED (100) FEET THEREOF, FOR PINE FOREST ROAD RIGHT-OF-WAY.



VICINITY MAP
NOT TO SCALE

GENERAL NOTES

* THIS SPECIFIC PURPOSE SURVEY IS FOR THE LAND SPACE AND EASEMENTS ONLY. THIS SPECIFIC PURPOSE SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF VERIZON WIRELESS AND EXCLUSIVELY FOR THE TRANSFERRAL OF THE LAND SPACE AND THE RIGHTS OF EASEMENT SHOWN HEREON AND SHALL NOT BE USED AS AN EXHIBIT OR EVIDENCE IN THE FEE SIMPLE TRANSFERRAL OF THE PARENT PARCEL NOR ANY PORTION OR PORTIONS THEREOF. BOUNDARY INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM TAX MAPS AND DEED DESCRIPTIONS ONLY. NO BOUNDARY SURVEY OF THE PARENT PARCEL WAS PERFORMED.

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.

EQUIPMENT USED FOR ANGULAR & LINEAR MEASUREMENTS: LEICA TPS 1200 ROBOTIC & GEOMAX ZENITH 35 [DATE OF LAST FIELD VISIT: JUNE 10, 2020]

THE 1' CONTOURS AND SPOT ELEVATIONS SHOWN ON THIS SPECIFIC PURPOSE SURVEY ARE ADJUSTED TO NAVD 88 DATUM (COMPUTED USING GEOID18) AND HAVE A VERTICAL ACCURACY OF $\pm 0.5'$. CONTOURS OUTSIDE THE IMMEDIATE SITE AREA ARE APPROXIMATE.

BEARINGS SHOWN ON THIS SPECIFIC PURPOSE SURVEY ARE BASED ON GRID NORTH (NAD 83) FLORIDA NORTH ZONE.

PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD). COMMUNITY PANEL NO.: 12033C0360G DATED: SEPTEMBER 29, 2006

NO WETLAND AREAS HAVE BEEN INVESTIGATED BY THIS SPECIFIC PURPOSE SURVEY.

ALL ZONING INFORMATION SHOULD BE VERIFIED WITH THE PROPER ZONING OFFICIALS.

ANY UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM ABOVE GROUND FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEES THAT ANY UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT ANY UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED ANY UNDERGROUND UTILITIES.

ADDITIONS OR DELETIONS TO THIS SURVEY MAP BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY.

ORIGINAL SURVEY IS KEPT ON FILE IN THE SURVEYOR'S OFFICE.

SURVEYOR CERTIFICATION

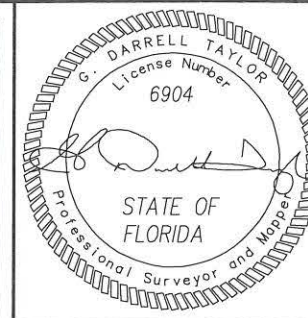
I HEREBY CERTIFY THAT THIS MAP IS CORRECT AND WAS DRAWN UNDER MY DIRECT SUPERVISION. ANY VISIBLE ENCROACHMENTS ARE SHOWN HEREON.

 DATE: 08/11/2020
G. DARRELL TAYLOR, FLORIDA PROFESSIONAL SURVEYOR & MAPPER #PSM6904

THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS. THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION.

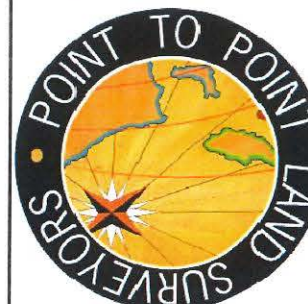


Know what's below.
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NO.	DATE	REVISION
1	04/07/2020	REVISED LEASE - DRC
2	06/02/2020	REVISED ACCESS & LEASE - NRW
3	08/11/2020	CLIENT COMMENTS - NRW

* SPECIFIC PURPOSE SURVEY PREPARED BY:
POINT TO POINT LAND SURVEYORS
Business License Number: LB8148
100 Governors Trace, Ste. 103
Peachtree City, GA 30269
(direct) 678.565.4440 (fax) 678.565.4497
(w) p2pls.com



SPECIFIC PURPOSE SURVEY PREPARED FOR:

verizon
1000 WILLIAMS BLVD.,
KENNER, LA 70062

DUNAWAY

SW 1/4 OF SE 1/4 OF SECTION 24,
TOWNSHIP 1 SOUTH, RANGE 31 WEST,
ESCAMBIA COUNTY, FLORIDA

DRAWN BY: DRC

CHECKED BY: JKL

APPROVED: DMM

DATE: APRIL 6, 2020

P2P JOB #: 200449FL

SHEET:

1

OF 2

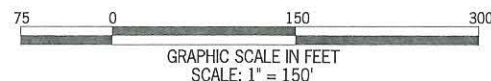
LEGEND

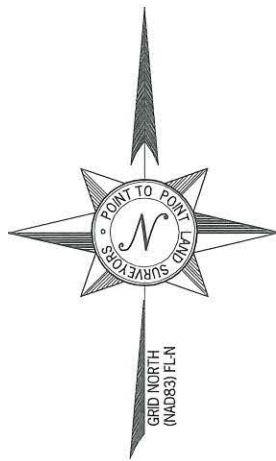
POB POINT OF BEGINNING
POC POINT OF COMMENCEMENT
IPS IRON PIN SET
IPF IRON PIN FOUND
CMF CONCRETE MONUMENT FOUND
UP UTILITY POLE
LP LIGHT POLE
FP FLAG POLE
SSMH SANITARY SEWER MANHOLE
SDMH STORM DRAIN MANHOLE
INV INVERT
FH FIRE HYDRANT
EP EDGE OF PAVEMENT
TC TOP OF CURB
BC BACK OF CURB
TW TOP OF WALL
BW BOTTOM OF WALL
OU OVERHEAD UTILITY
UE UNDERGROUND UTILITY
CMP CORRUGATED METAL PIPE
RCP REINFORCED CONCRETE PIPE
PVC POLYVINYL CHLORIDE PIPE
GW GUY WIRE ANCHOR
TR TRANSFORMER
JB JUNCTION BOX
SWCB SINGLE WING CATCH BASIN
DWCB DOUBLE WING CATCH BASIN
CLF CHAIN LINK FENCE
WV WATER VALVE
WM WATER METER
CO SEWER CLEAN-OUT
GV GAS VALVE
N/F NOW OR FORMERLY
TREE

GPS NOTES

THE FOLLOWING GPS STATISTICS UPON WHICH THIS SURVEY IS BASED HAVE BEEN PRODUCED AT THE 95% CONFIDENCE LEVEL:

POSITIONAL ACCURACY: 0.40 FEET (HORZ) 1.08 FEET (VERT)
TYPE OF EQUIPMENT: GEOMAX ZENITH35 PRO BASE AND ROVER, DUAL FREQUENCY
TYPE OF GPS FIELD PROCEDURE: ONLINE POSITION USER INTERFACE
DATES OF SURVEY: APRIL 2, 2020
DATUM / EPOCH: NAD_83(2011)EPOCH:2010.00000
PUBLISHED / FIXED CONTROL USE: N/A
GEOID MODEL: 18
COMBINED GRID FACTOR(S): 0.99996390 CENTERED ON THE GPS BASE POINT AS SHOWN HEREON.
CONVERGENCE ANGLE: -01°24'36.60"
BENCHMARKS USED: DM2660, DM5371, DL7331





30' INGRESS-EGRESS, FIBER & UTILITY EASEMENT

TOGETHER WITH A 30-FOOT WIDE INGRESS-EGRESS, FIBER AND UTILITY EASEMENT (15 FEET EACH SIDE OF CENTERLINE) LYING AND BEING IN THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 24, TOWNSHIP 1 SOUTH, RANGE 31 WEST OF ESCAMBIA COUNTY, FLORIDA, AND BEING A PART OF THE LANDS OF WILLIAM PHILLIP KITTELL, JR., AND LISA E. KIRKMAN, TRUSTEES, OR THEIR SUCCESSORS IN TRUST UNDER THE KITTELL AND KIRKMAN LIVING TRUST DATED NOVEMBER 20, 2006 AS RECORDED IN DEED BOOK 8121, PAGE 1148, ESCAMBIA COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED BY THE FOLLOWING CENTERLINE DATA:

TO FIND THE POINT OF BEGINNING, COMMENCE AT A 5/8-INCH REBAR FOUND ON THE EASTERLY RIGHT-OF-WAY OF PINE FOREST ROAD (HAVING A 150-FOOT PUBLIC RIGHT-OF-WAY), SAID REBAR HAVING A FLORIDA GRID NORTH, NAD83, NORTH ZONE VALUE OF N: 553859.6181 E: 1084819.9146; THENCE RUNNING ALONG SAID RIGHT-OF-WAY, SOUTH 03°01'41" WEST, 263.43 FEET TO A POINT HAVING A FLORIDA GRID NORTH, NAD83, NORTH ZONE VALUE OF N: 553596.5581 E: 1084805.9991 AND THE TRUE POINT OF BEGINNING; THENCE LEAVING SAID RIGHT-OF-WAY AND RUNNING, SOUTH 88°36'49" EAST, 118.69 FEET TO A POINT; THENCE, NORTH 69°01'46" EAST, 41.31 FEET TO A POINT; THENCE, SOUTH 73°15'29" EAST, 282.37 FEET TO A POINT; THENCE, SOUTH 87°03'17" EAST, 341.01 FEET TO THE ENDING AT A POINT ON THE WEST LINE OF THE LAND SPACE.

BEARINGS ARE BASED ON FLORIDA GRID NORTH, NAD83, NORTH ZONE.

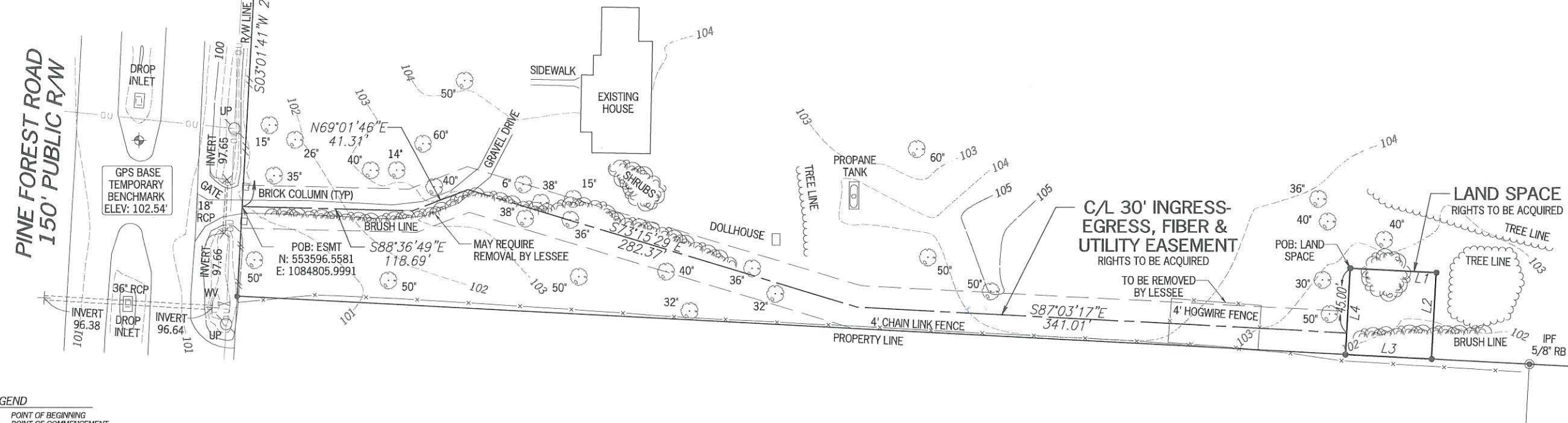
LAND SPACE

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 24, TOWNSHIP 1 SOUTH, RANGE 31 WEST OF ESCAMBIA COUNTY, FLORIDA, AND BEING A PART OF THE LANDS OF WILLIAM PHILLIP KITTELL, JR., AND LISA E. KIRKMAN, TRUSTEES, OR THEIR SUCCESSORS IN TRUST UNDER THE KITTELL AND KIRKMAN LIVING TRUST DATED NOVEMBER 20, 2006 AS RECORDED IN DEED BOOK 8121, PAGE 1148, ESCAMBIA COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT A 5/8-INCH REBAR FOUND ON THE EASTERLY RIGHT-OF-WAY OF PINE FOREST ROAD (HAVING A 150-FOOT PUBLIC RIGHT-OF-WAY), SAID REBAR HAVING A FLORIDA GRID NORTH, NAD83, NORTH ZONE VALUE OF N: 553859.6181 E: 1084819.9146; THENCE RUNNING ALONG SAID RIGHT-OF-WAY, SOUTH 03°01'41" WEST, 263.43 FEET TO A POINT HAVING A FLORIDA GRID NORTH, NAD83, NORTH ZONE VALUE OF N: 553596.5581 E: 1084805.9991; THENCE LEAVING SAID RIGHT-OF-WAY AND RUNNING, SOUTH 88°36'49" EAST, 118.69 FEET TO A POINT; THENCE, NORTH 69°01'46" EAST, 41.31 FEET TO A POINT; THENCE, SOUTH 73°15'29" EAST, 282.37 FEET TO A POINT; THENCE, SOUTH 87°03'17" EAST, 341.01 FEET TO A POINT ON THE WEST LINE OF THE LAND SPACE; THENCE ALONG SAID LAND SPACE, NORTH 02°56'43" EAST, 45.00 FEET TO A POINT AND THE TRUE POINT OF BEGINNING; THENCE RUNNING, SOUTH 87°03'17" EAST, 60.00 FEET TO A POINT; THENCE, SOUTH 02°56'43" WEST, 60.00 FEET TO A POINT; THENCE, NORTH 87°03'17" WEST, 60.00 FEET TO A POINT; THENCE, NORTH 02°56'43" EAST, 60.00 FEET TO THE POINT OF BEGINNING.

BEARINGS ARE BASED ON FLORIDA GRID NORTH, NAD83, NORTH ZONE.

SAID TRACT CONTAINS 0.0826 ACRES (3,600 SQUARE FEET), MORE OR LESS.



LEGEND	
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
IPS	IRON PIN SET
IPF	IRON PIN FOUND
CMF	CONCRETE MONUMENT FOUND
UP	UTILITY POLE
LP	LIGHT POLE
FP	FLAG POLE
SSMH	SANITARY SEWER MANHOLE
SDMH	STORM DRAIN MANHOLE
INV	INVERT
FH	FIRE HYDRANT
EP	EDGE OF PAVEMENT
TC	TOP OF CURB
BC	BACK OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL
OU	OVERHEAD UTILITY
UE	UNDERGROUND UTILITY
CMP	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE
PVC	POLYVINYL CHLORIDE PIPE
GW	GUY WIRE ANCHOR
TR	TRANSFORMER
JB	JUNCTION BOX
SWCB	SINGLE WING CATCH BASIN
DWCB	DOUBLE WING CATCH BASIN
CLF	CHAIN LINK FENCE
WW	WATER VALVE
WM	WATER METER
CO	SEWER CLEAN-OUT
GV	GAS VALVE
N/F	NOW OR FORMERLY
TREE	TREE

SITE INFORMATION

LAND SPACE = 3,600 SQUARE FEET (0.0826 ACRES)

LATITUDE = 30°29'32.05" (NAD 83) (30.492236°)
LONGITUDE = -87°18'12.18" (NAD 83) (-87.303383°)
AT CENTER OF LAND SPACE

ELEVATION AT CENTER OF LAND SPACE = 103.6' A.M.S.L.

LINE TABLE

LINE	BEARING	DISTANCE
L1	S87°03'17"E	60.00'
L2	S02°56'43"W	60.00'
L3	N87°03'17"W	60.00'
L4	N02°56'43"E	60.00'

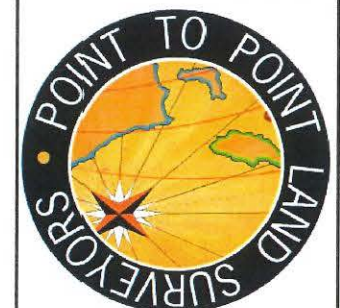


SURVEY NOT VALID WITHOUT SHEET 1 OF 2



NO.	DATE	REVISION
1	04/07/2020	REVISED LEASE - DRC
2	06/02/2020	REVISED ACCESS & LEASE - NRW
3	08/11/2020	CLIENT COMMENTS - NRW

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verizon
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KENNER, LA 70062

DUNAWAY

SW 1/4 OF SE 1/4 OF SECTION 24,
TOWNSHIP 1 SOUTH, RANGE 31 WEST,
ESCAMBIA COUNTY, FLORIDA

DRAWN BY: DRC

CHECKED BY: JKL

APPROVED: DMM

DATE: APRIL 6, 2020

P2P JOB #: 200449FL

SHEET:

2

OF 2

TREE LEGEND

- LIVE OAK (63)
- PINE (15)
- LAUREL OAK (8)
- CYPRESS (1)
- DEAD OAK (4)

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NOTES:

- FIELD WORK FOR THIS SURVEY WAS COMPLETED ON 05-13-2020.
- THE MEASUREMENTS SHOWN HEREON WERE MADE TO UNITED STATES SURVEY FOOT AND WERE RECORDED IN DECIMAL OF FEET UNLESS OTHERWISE MARKED.
- ALL EASEMENTS AND RIGHTS-OF-WAY OF WHICH THE SURVEYOR HAS KNOWLEDGE HAVE BEEN SHOWN HEREON. THE SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD ENCUMBRANCES RESTRICTIVE COVENANTS OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
- THE SURVEYOR HAS MADE NO SEARCH TO DETERMINE THE CURRENT BUILDING SET BACK REQUIREMENTS FOR THE SUBJECT PROPERTY BEYOND THE CURRENT SUBDIVISION PLAT OF RECORD CONTACT THE LOCAL CITY/COUNTY LAND DEVELOPMENT CODE OFFICIAL FOR THE APPROPRIATE BUILDING SET BACK DISTANCES.
- NORTH IS REFERENCED FROM STATE PLANE COORDINATE SYSTEM FLORIDA NORTH ZONE NORTH AMERICAN DATUM OF 1983 (READJUSTED IN 2011).
- THIS SURVEY IS FOR TREE LOCATION ONLY BOUNDARY LINE AND ALL OTHER FEATURES PROVIDED BY CLIENT.



360 SURVEYING SERVICES
1801 CREIGHTON RD.
PENSACOLA FL 32504
850.857.4400
FLORIDA LICENSED
BUSINESS #7612

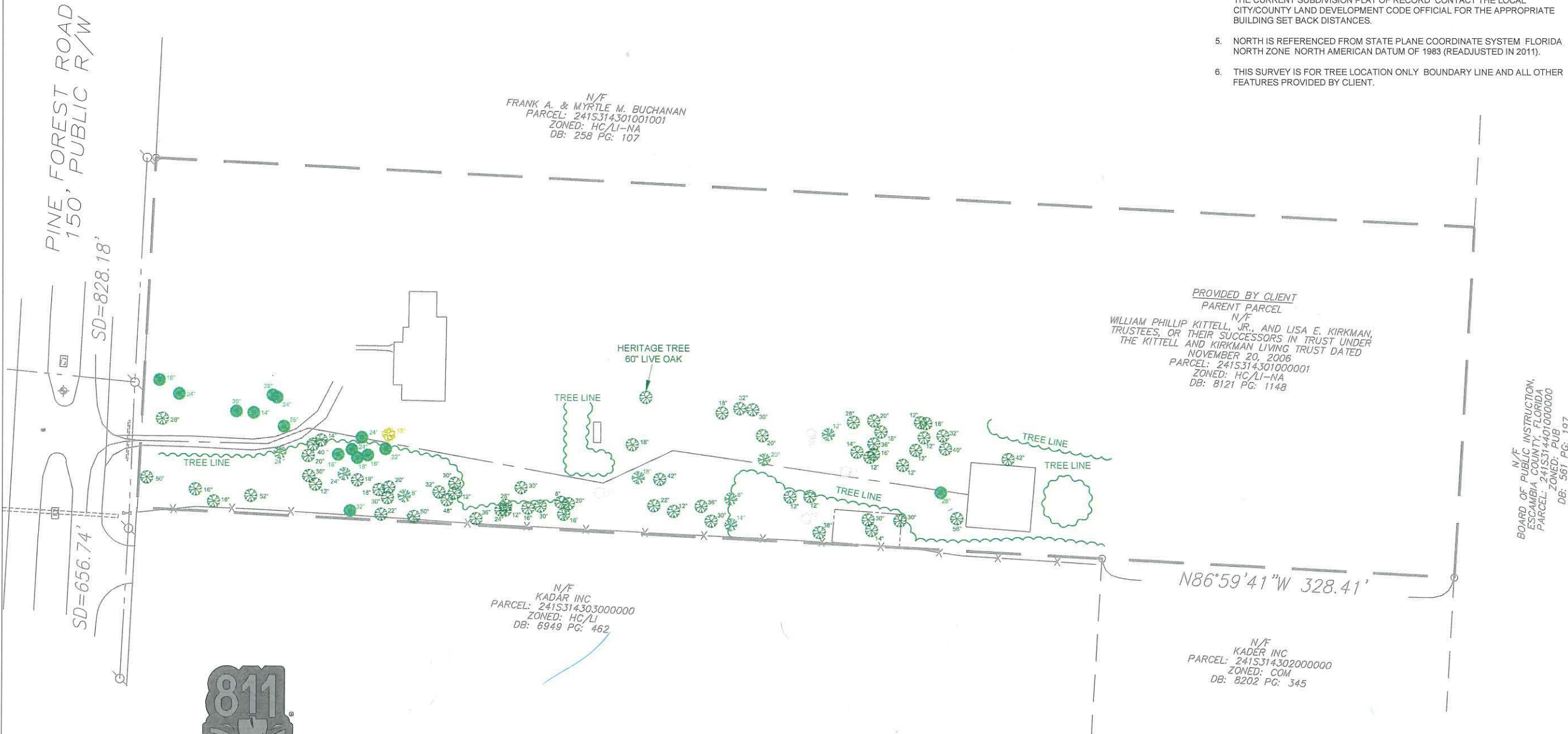
SPECIFIC PURPOSE SURVEY
TREE LOCATION EXHIBIT

ADDRESS:
7040 PINE FOREST ROAD
PENSACOLA FLORIDA 32526
PROJECT NUMBER: 2005016
DATE: 05-21-2020
FIELD BOOK: 135 PAGE: 68
DRAWN BY: LEE
APPROVED BY: JOSHUA W. MILLER



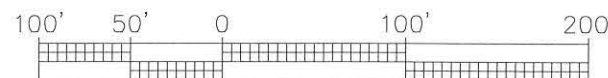
SCALE: 1" = 100'

SHEET 1 OF 1



Know what's below
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INFORMATION REGARDING THE REPUTED PRESENCE SIZE CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER HIS EMPLOYEES HIS CONSULTANTS AND HIS CONTRACTORS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION.



GRAPHIC SCALE: 1" = 100'

NOT A BOUNDARY SURVEY SURVEYORS CERTIFICATE

T s r s r s r d r r d
S d r d s P r s r F r d B r d P r s s
S r r s d M r s C r "5J-17" F r d A d s r C d
r s S 472.027 F r d S s.

JOSHUA W. MILLER P.L.S. FLORIDA REGISTRATION NO. 7238

GENERAL NOTES:

THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMAN LIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.

IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.

THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.

SITE GROUNDING SHALL COMPLY WITH VERIZON WIRELESS GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON WIRELESS GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.

ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.

ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.

CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.

THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE FINAL RF DESIGN AND TOWER STRUCTURAL ANALYSIS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES, AND IDENTIFIED ON SHEET EV-2 AS APPROVED FOR REMOVAL, SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR.

ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.

SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.

PERMITS: OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES, INSPECTIONS, ETC.

RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.

THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE.

ENVIRONMENTAL NOTES:

NO PROTECTED TREES WILL BE REMOVED OR ADVERSELY IMPACTED BY THIS DEVELOPMENT UNLESS AUTHORIZED BY ESCAMBIA COUNTY THROUGH APPROVAL OF THIS SITE DEVELOPMENT PLAN.

ALL "LAND DISTURBANCE ACTIVITIES" OR OTHER SITE ACTIVITIES, OR WORK SHALL NOT OCCUR ONSITE UNTIL ALL DEVELOPMENT APPROVALS AND APPROPRIATE PERMITS HAVE BEEN ISSUED BY ESCAMBIA COUNTY."

TREES AND VEGETATION REQUIRED TO BE PLANTED PER PLANNER/PLANNING & ZONING REVIEW COMMENTS, REQUIREMENTS OR OTHERWISE, ALL SHALL FOLLOW LANDSCAPING STANDRDS UNDER THE LAND DEVELOPMENT CODE (LDC), DESIGN STANDARD MANUAL (DSM),CHAPTER 2 ENVIRONMENTAL ARTICLE 2 LANDSCAPING, SPECIFICALLY SEC 2-6 PLANT SELECTION, INSTALLATION & IRRIGATION

EXCAVATION & GRADING NOTES:

- ALL CUT AND FILL SLOPES SHALL BE 3: 1 MAXIMUM.
- ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
- CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
- ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OF CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
- AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH.
- BACK FILL SHALL BE:
 - APPROVED MATERIALS CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND, GRAVEL, OR SOFT SHALE;
 - FREE FROM CLOUDS OR STONES OVER 2-1/2' MAXIMUM DIMENSIONS;
 - IN LAYERS AND COMPACTED.
- SITE FILL MATERIAL AND FOUNDATION BACK FILL SHALL BE PLACED IN LAYERS, MAXIMUM 6" DEEP BEFORE COMPACTION. EACH LAYER SHALL BE SPRINKLED IF REQUIRED AND COMPACTED BY HAND OPERATED OR MACHINE TAMPERS TO 95% OF MAXIMUM DENSITY, AT THE OPTIMUM MOISTURE CONTENT 2% AS DETERMINED BY ASTM DESIGNATION D-698, UNLESS OTHERWISE APPROVED. SUCH BACK FILL SHALL NOT BE PLACED BEFORE 3 DAYS AFTER PLACEMENT OF CONCRETE.
- THE FOUNDATION AREA SHALL BE GRADED TO PROVIDE WATER RUNOFF AND PREVENT WATER FROM STANDING. THE FINAL GRADE SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE FOUNDATION AND SHALL THEN BE COVERED WITH 4" DEEP COMPACTED STONE OR GRAVEL.
- CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL CITY, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STAW BALE SEDIMENT BARRIERS AND CHECK DAMS.
- FILL PREPARATION: REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAT 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
- REPLACE THE EXISTING WEARING SURFACE ON AREAS WHICH HAVE BEEN DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS. SURFACE SHALL BE REPLACE TO MATCH EXISTING ADJACENT SURFACING AND SHALL BE OF THE SAME THICKNESS. NEW SURFACE SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATERIAL, OF OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL RESURFACING MATERIAL AS REQUIRED. BEFORE SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. SURFACING SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE.
- PROTECT EXISTING SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAMAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
- DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED / REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
- ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
- RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY, AND FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCE.

LEGEND

- X

550

- - -

- - -

- - -

X

G

FENCE
CONTOUR LINE
PROPERTY LINE / ROW
LEASE AREA
EASEMENT
DISCONNECT SWITCH
METER
CIRCUIT BREAKER
CODED NOTE NUMBER
CHEMICAL GROUND ROD
GROUND ROD
GROUND ROD WITH INSPECTION SLEEVE
CADWELD TYPE CONNECTION
COMPRESSION TYPE CONNECTION
GROUND WIRE



DUNAWAY

7038 PINE FOREST ROAD
PENSACOLA, FL 32526

LOCATION CODE:
279068

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6	06/11/21	DRC COMMENTS	DA

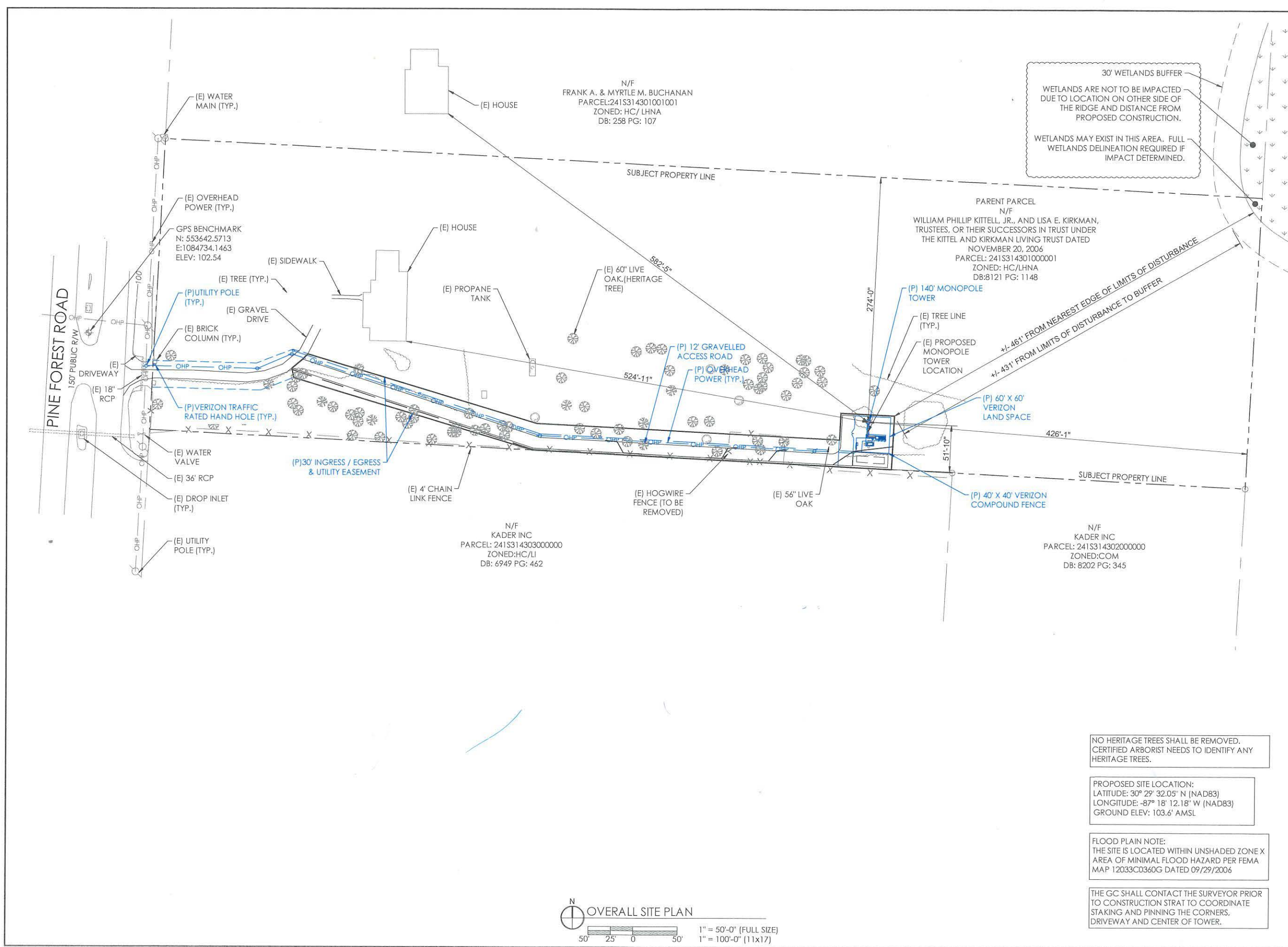


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JOB #:
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GENERAL NOTES

C-1



P. MARSHALL & ASSOCIATES

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OVERALL SITE PLAN

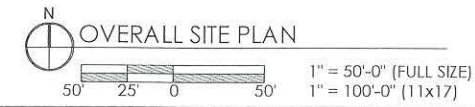
C-2

NO HERITAGE TREES SHALL BE REMOVED. CERTIFIED ARBORIST NEEDS TO IDENTIFY ANY HERITAGE TREES.

PROPOSED SITE LOCATION:
LATITUDE: 30° 29' 32.05" N (NAD83)
LONGITUDE: -87° 18' 12.18" W (NAD83)
GROUND ELEV: 103.6' AMSL

FLOOD PLAIN NOTE:
THE SITE IS LOCATED WITHIN UNSHADED ZONE X AREA OF MINIMAL FLOOD HAZARD PER FEMA MAP 12033C0360G DATED 09/29/2006

THE GC SHALL CONTACT THE SURVEYOR PRIOR TO CONSTRUCTION STRAT TO COORDINATE STAKING AND PINNING THE CORNERS, DRIVEWAY AND CENTER OF TOWER.





FIRE AND LIFE SAFETY NOTES:

18.2.3.2.2 FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED SUCH THAT ANY PORTION OF THE FACILITY OR ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY OF THE BUILDING IS LOCATED NOT MORE THAN 150 FT (46 M) FROM FIRE DEPARTMENT ACCESS ROADS AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY.

8.2.3.4.1.1 FIRE DEPARTMENT ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 20 FT (6.1M).

18.2.3.4.1.2 FIRE DEPARTMENT ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FT 6 IN. (4.1 M).

18.2.3.4.2 SURFACE. FIRE DEPARTMENT ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS AND SHALL BE PROVIDED WITH AN ALL-WEATHER DRIVING SURFACE. MINIMUM OF 40 TONS.

18.3.1 * AN APPROVED WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW FOR FIRE PROTECTION SHALL BE PROVIDED TO ALL PREMISES UPON WHICH FACILITIES, BUILDINGS, OR PORTIONS OF BUILDINGS ARE HEREAFTER CONSTRUCTED OR MOVED INTO THE JURISDICTION. THE APPROVED WATER SUPPLY SHALL BE IN ACCORDANCE WITH SECTION 18.4. CLOSEST FIRE HYDRANT SHOWN ON THIS SHEET -- APPROXIMATELY 450' SOUTH OF EXISTING ACCESS DRIVE ALONG PINE FOREST RD / IN FRONT OF 7012 PINE FOREST RD. PENDING CURRENT FIRE HYDRANT FLOW TEST DATA.



NO HERITAGE TREES SHALL BE REMOVED. CERTIFIED ARBORIST NEEDS TO IDENTIFY ANY HERITAGE TREES.

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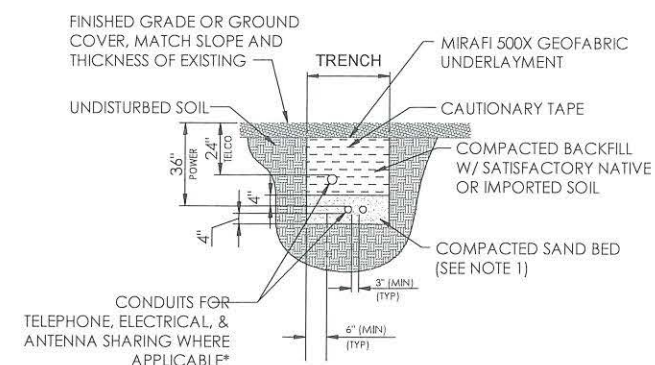
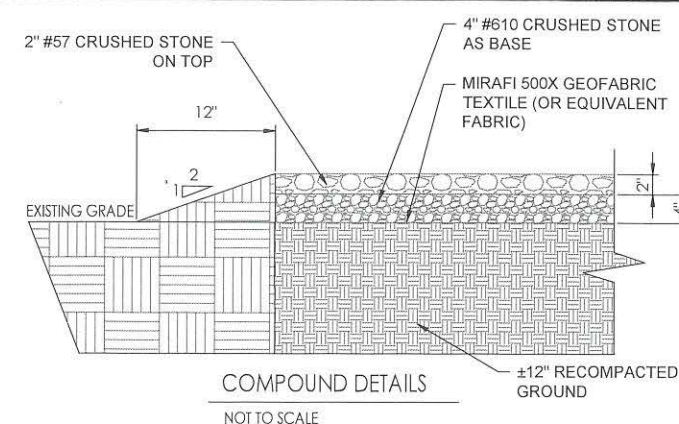
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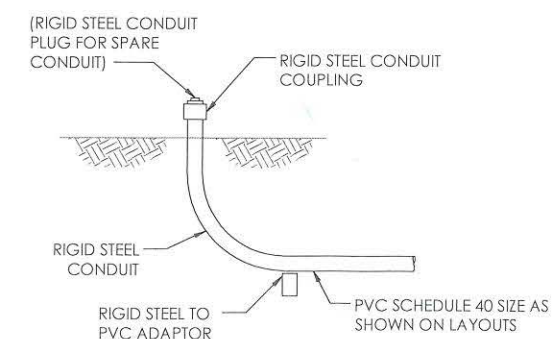
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* CONDUIT SIZE, TYPE, QUANTITY AND SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS

DIRECT BURIED CONDUIT



UNDERGROUND CONDUIT STUB-UP

- 1 PROPOSED 3" SCH. 40 PVC CONDUIT FROM PROPOSED METER ON EQUIPMENT FRAME TO THE PROPOSED POLE (±50FT). FINAL ROUTING TBD.
- 2 PROPOSED VERIZON 4" SCH. 80 PVC CONDUIT WITH 4" THREE-CELL MAXCELL, 36" DEEP, FROM THE PROPOSED HANDHOLE TO THE EQUIPMENT LOCATION (+/- 820 FT)

1A PROPOSED 3" SCH-40 PVC UNDERGROUND
CONDUIT FROM THE PROPOSED VERIZON
METER ON THE UTILITY H-FRAME TO THE
PROPOSED POWER ILC CABINET ON
VERIZON EQUIPMENT H-FRAME. (± 20')



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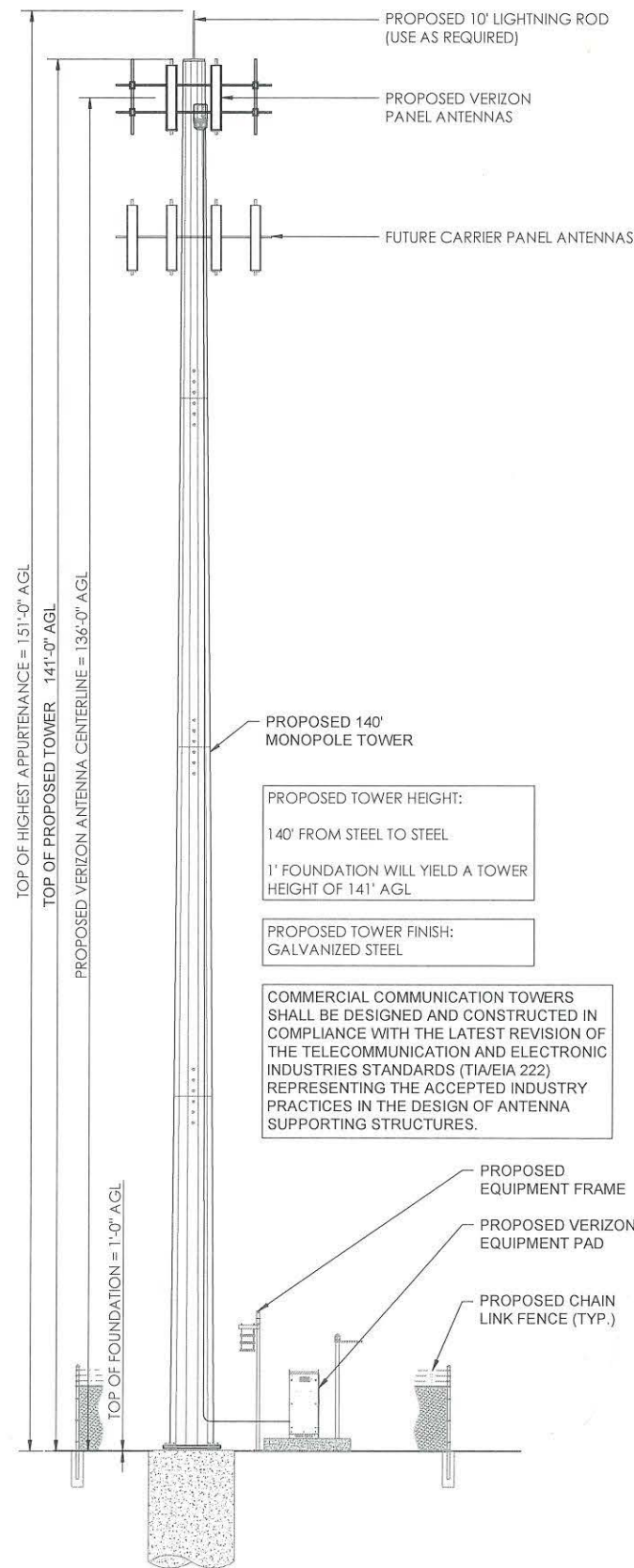


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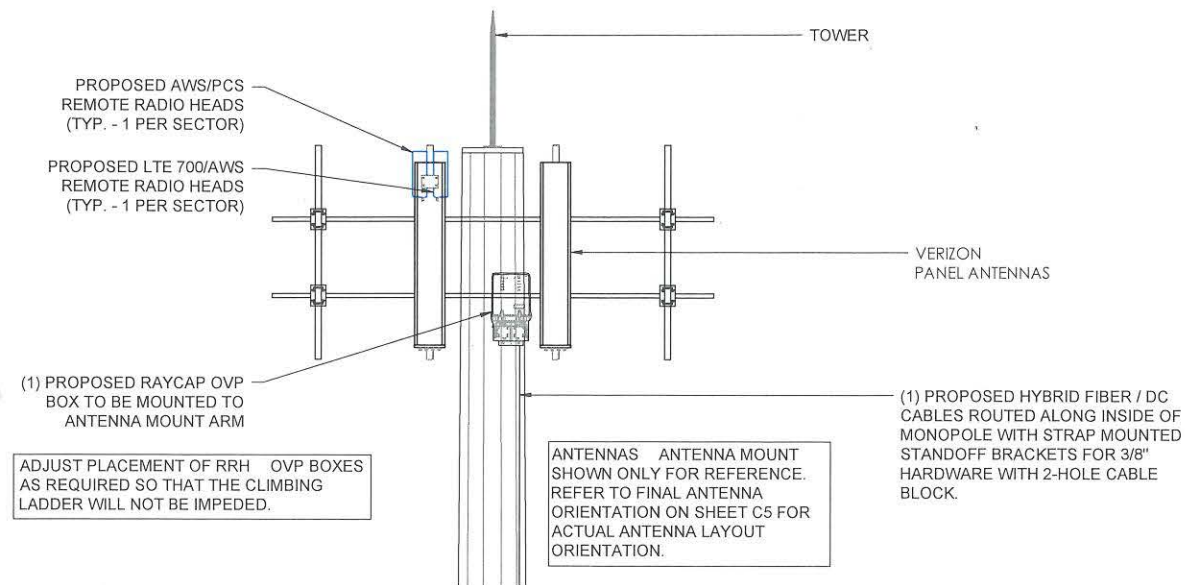
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20 V3N 041

DETAILED SITE PLAN

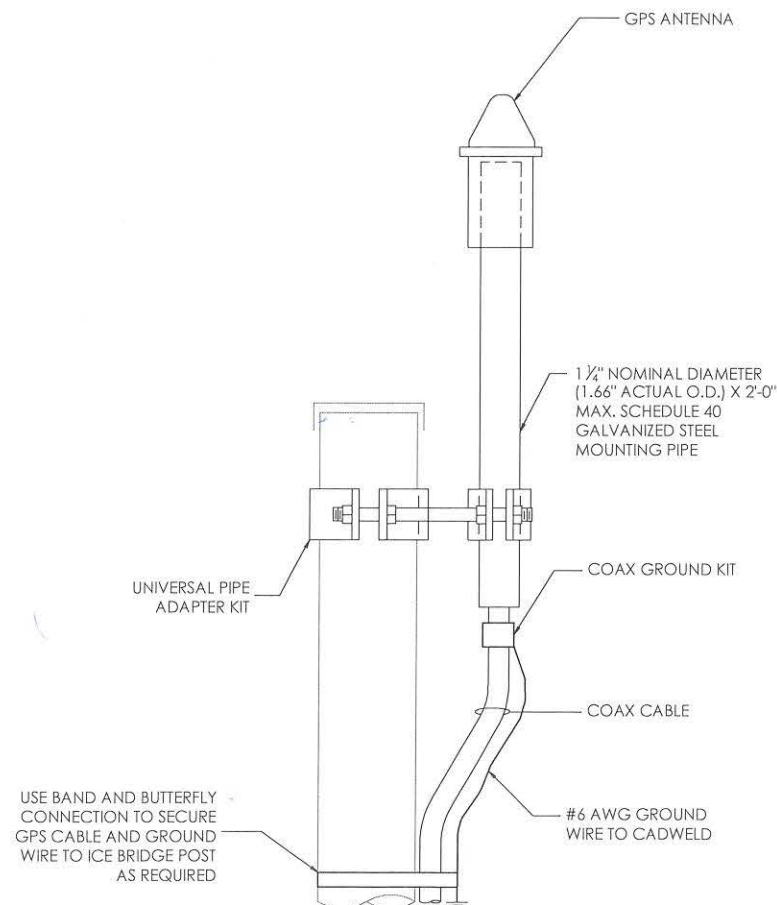
C-3



TOWER ELEVATION
NOT TO SCALE



RRH & OVP MOUNTING DETAIL
NOT TO SCALE



GPS ANTENNA MOUNTING DETAIL
NOT TO SCALE

verizon

PM&A
P. MARSHALL & ASSOCIATES

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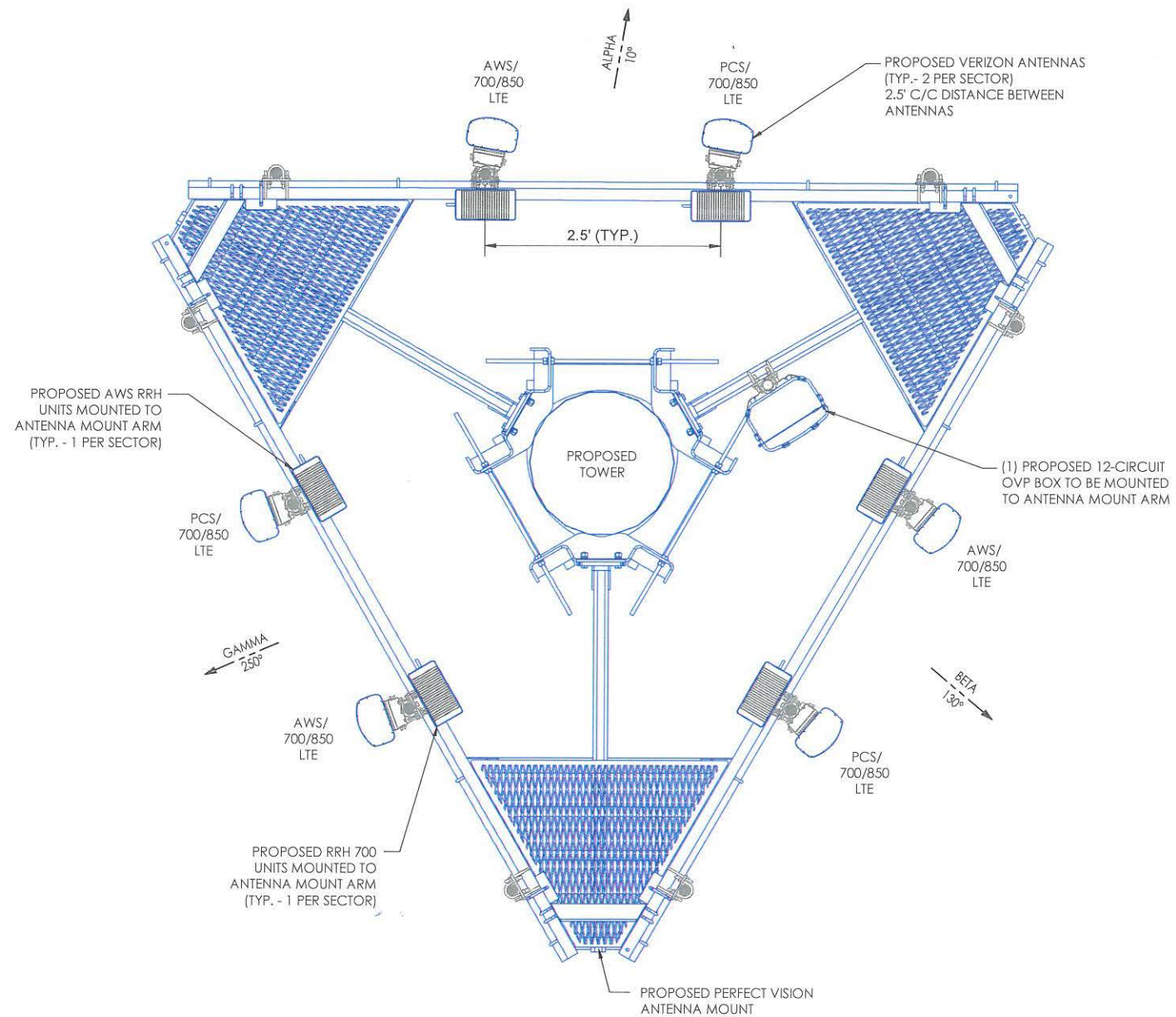
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TOWER ELEVATION

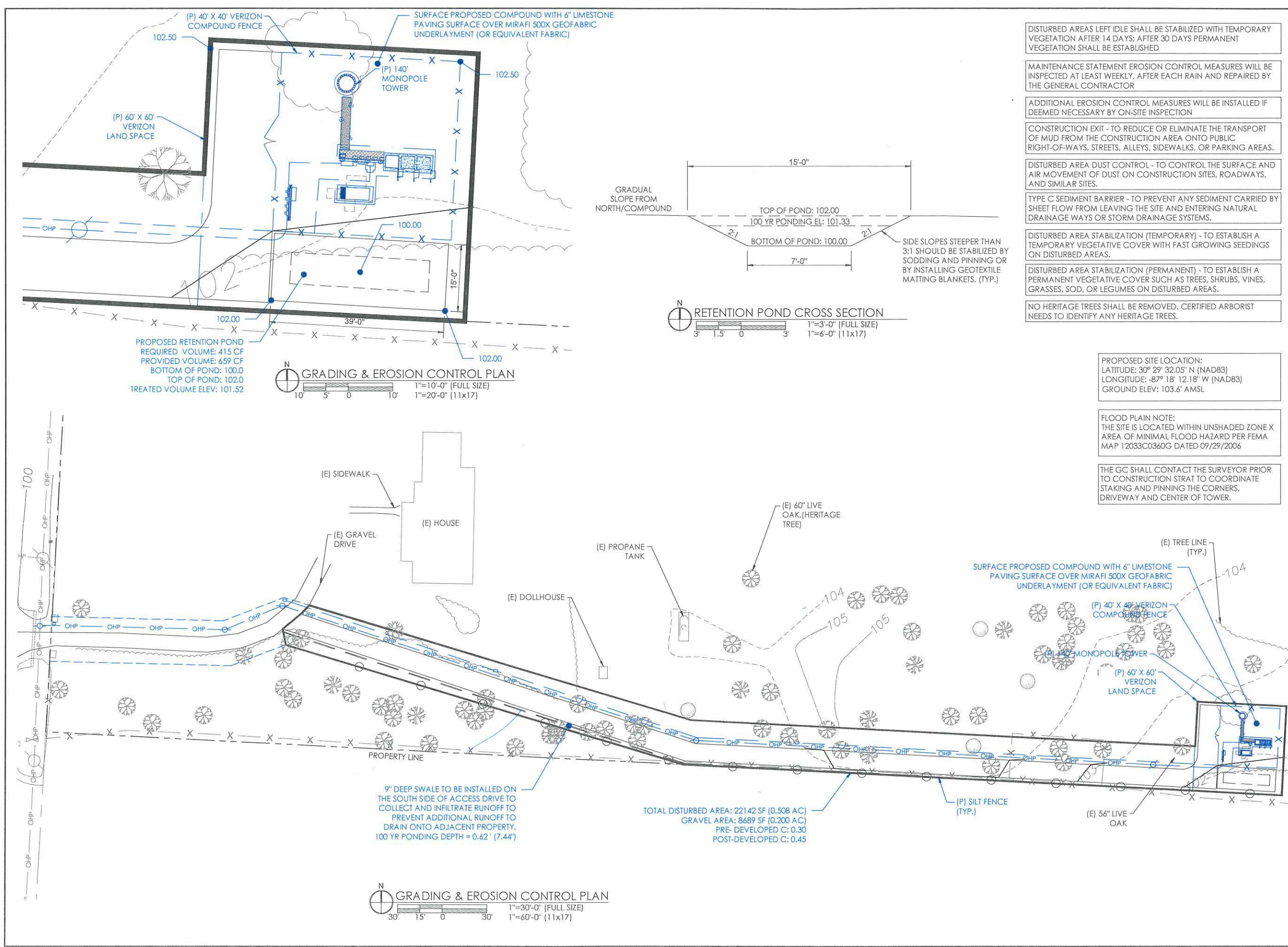
C-4

FINAL ANTENNA & CABLE CONFIGURATION								
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANT.	AWS (2100 MHZ) ANTENNAS	MECHANICAL DOWNTILT	6x12 HYBRID CABLE	1x2 HYBRID CABLE LENGTH	
136'	1	10	SHARED	SHARED W/ 700 LTE & 850 LTE	0	(1) 6x12 HYBRID FIBER / DC CABLE LENGTH OF CABLE * LENGTH: ±160' *	(SHARED) (1X2) HYBRID DC/ FIBER JUMPER	
	2	130	SHARED	SHARED W/ 700 LTE & 850 LTE	0			
	3	250	SHARED	SHARED W/ 700 LTE & 850 LTE	0			
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANT.	LTE (700 MHZ) ANTENNAS	MECHANICAL DOWNTILT			1x2 HYBRID CABLE LENGTH
136'	1	10	1	PROPOSED COMMSCOPE NHH-65C-R2B	0			(1) 1x2 CABLE /-11'
	2	130	1	PROPOSED COMMSCOPE NHH-65C-R2B	0			(1) 1x2 CABLE /-12'
	3	250	1	PROPOSED COMMSCOPE NHH-65C-R2B	0			(1) 1x2 CABLE /-7'
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANT.	PCS (1900 MHZ) ANTENNAS	MECHANICAL DOWNTILT			1x2 HYBRID CABLE LENGTH
136'	1	10	SHARED	SHARED W/ 700 LTE & 850 LTE	0			(SHARED) (1X2) HYBRID DC/ FIBER JUMPERS
	2	130	SHARED	SHARED W/ 700 LTE & 850 LTE	0			
	3	250	SHARED	SHARED W/ 700 LTE & 850 LTE	0			
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANT.	850 LTE ANTENNAS	MECHANICAL DOWNTILT			1x2 HYBRID CABLE LENGTH
136'	1	10	1	PROPOSED COMMSCOPE NHH-65C-R2B	0			(1) 1x2 CABLE /-11'
	2	130	1	PROPOSED COMMSCOPE NHH-65C-R2B	0			(1) 1x2 CABLE /-12'
	3	250	1	PROPOSED COMMSCOPE NHH-65C-R2B	0			(1) 1x2 CABLE /-7'
		QUANTITY	ANTENNA MOUNTS			CONTRACTOR TO MATCH THE LENGTHS OF 1x2 HYBRID JUMPERS WITH THE CORRECT SECTORS AS REQUIRED. RRH'S & OVP'S TO BE MOUNTED IN A MANNER NOT TO INTERFERE WITH THE TOWER CLIMBING APPARATUS		
		1	PROPOSED PERFECT VISION ANTENNA MOUNT					
		QUANTITY	OVP□					
		1	PROPOSED 12-CIRCUIT RAYCAP OVP (ANTENNA LEVEL)					
		1	PROPOSED 12-CIRCUIT RAYCAP OVP (GROUND LEVEL)					
		QUANTITY	RRH□			VERIZON APPROVED PERFECT VISION ANTENNA MOUNT TO BE USED		
		3	PROPOSED NOKIA AHBC AIRSCALE DUAL RRH 4T4R B5/B13 320W					
		3	PROPOSED NOKIA AHFC AIRSCALE DUAL RRH 4T4R B2/B66A 320W					



ANTENNA ORIENTATION
NOT TO SCALE





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GRADING, SEDIMENT & EROSION CONTROL PLAN

C-6

NOTES:

1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
2. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
3. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
4. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
5. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
6. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
7. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
8. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
9. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
10. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.
11. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
12. THERE WILL BE NO IMPACT TO THE ADJACENT PROPERTIES OR DRAINAGE SYSTEMS FOR THE POST DEVELOPMENT CONDITIONS.
13. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY.

RIGHT-OF-WAY NOTES:

- WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALES SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR / RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.

DRAINAGE NOTES:

- THE SITE IS RELATIVELY FLAT. THERE IS MINIMUM GRADING PROPOSED ON THIS SITE TO MAINTAIN THE EXISTING DRAINAGE PATTERN AND REDUCE IMPACTS ON EXISTING MATURE TREES ONSITE -- THERE IS A LOCALIZED HIGH POINT ON THE SITE JUST NORTH OF THE COMPOUND. RUNOFF FROM THE SITE DRAINS SOUTH INTO THE PROPOSED RETENTION POND. A SWALE IS TO BE CONSTRUCTED SOUTH OF THE ACCESS DRIVE TO ALLOW FOR INFILTRATION OF RUNOFF FROM THE ACCESS DRIVE. ANY EXCESS RUNOFF CONTINUES TO DRAIN SOUTH/SOUTH WEST TOWARDS PINE FOREST ROAD, CONTINUING ACROSS PINE FOREST ROAD VIA EXISTING CULVERTS INTO AN UNNAMED TRIBUTARY OF EIGHT MILE CREEK, JOINING ELEVEN MILE CREEK AND ULTIMATELY DISCHARGING INTO THE GULF OF MEXICO.
- THE PROPOSED RETENTION POND AND "SWALE" ARE DESIGNED TO RETAIN AND INFILTRATE ALL PROPOSED STONE SURFACE IMPROVEMENTS. SEE RETENTION POND CALCULATIONS ON SHEET C-7.
- SINCE RUNOFF HAS BEEN DESIGNED TO BE RETAINED AND INFILTRATED ONSITE, THERE ARE NO ADVERSE IMPACTS DUE TO THE CONSTRUCTION/DEVELOPMENT OF THIS PROJECT TO ADJACENT PARCELS OR DRAINAGE BASIN.

DISTURBED AREAS LEFT IDLE SHALL BE STABILIZED WITH TEMPORARY VEGETATION AFTER 14 DAYS; AFTER 30 DAYS PERMANENT VEGETATION SHALL BE ESTABLISHED

MAINTENANCE STATEMENT EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN AND REPAIRED BY THE GENERAL CONTRACTOR

ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION

CONSTRUCTION EXIT - TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.

DISTURBED AREA DUST CONTROL - TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.

TYPE C SEDIMENT BARRIER - TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE AND ENTERING NATURAL DRAINAGE WAYS OR STORM DRAINAGE SYSTEMS.

DISTURBED AREA STABILIZATION (TEMPORARY) - TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.

DISTURBED AREA STABILIZATION (PERMANENT) - TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.

NO HERITAGE TREES SHALL BE REMOVED. CERTIFIED ARBORIST NEEDS TO IDENTIFY ANY HERITAGE TREES.

PROPOSED SITE LOCATION:
LATITUDE: 30° 29' 32.05" N (NAD83)
LONGITUDE: -87° 18' 12.18" W (NAD83)
GROUND ELEV: 103.6' AMSL

FLOOD PLAIN NOTE:
THE SITE IS LOCATED WITHIN UNSHADED ZONE X
AREA OF MINIMAL FLOOD HAZARD PER FEMA
MAP 12033C0360G DATED 09/29/2006

THE GC SHALL CONTACT THE SURVEYOR PRIOR
TO CONSTRUCTION STRAT TO COORDINATE
STAKING AND PINNING THE CORNERS,
DRIVEWAY AND CENTER OF TOWER.

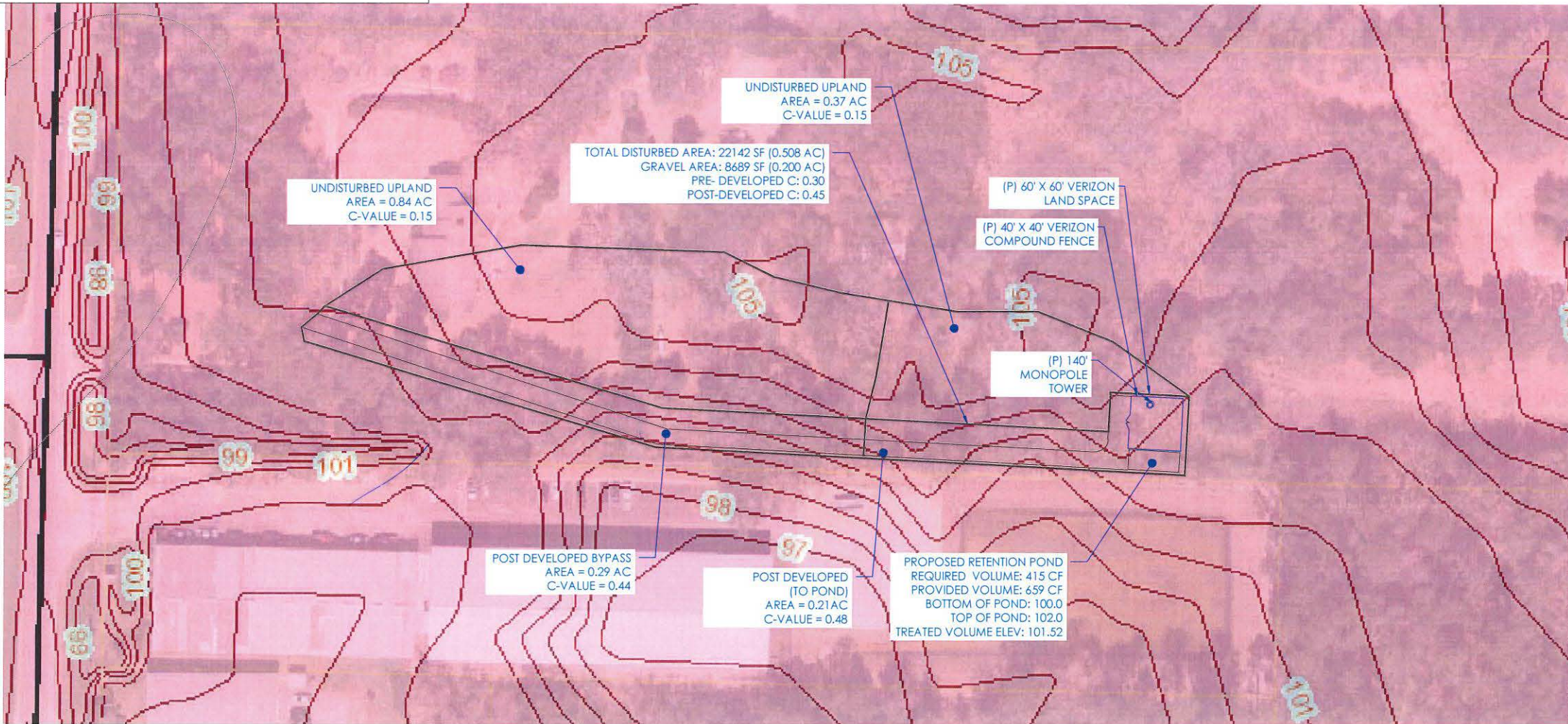
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PM&A
P. MARSHALL & ASSOCIATES

DUNAWAY

7038 PINE FOREST ROAD
PENSACOLA, FL 32526

LOCATION CODE:
279068



NO.	DATE	REVISIONS	BY
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C	07/28/20	PRELIM LE	JY
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6	06/11/21	DRC COMMENTS	DA



DESIGNED: JY
DRAWN: JY
CHECKED: DA

JOB #:
20_V3N_041

GRADING,
SEDIMENT &
EROSION CONTROL
PLAN

C-6A

Project Information

Client Name: Verizon Wireless - HGC Region
Site Number: 279068
Site Name: Dunaway
Designer: Dara Ay
Date: 6/11/2021

Proposed Conditions

Description	Area (SF)	Area (AC)	C
Parent Tract Parcel Area	404272	9.2808	NA
Proposed Disturbed Area	22142	0.5083	NA
Proposed Impervious Area	0	0.0000	0.95
Proposed Graveled Area	8689	0.1995	0.60
Proposed Landscaped Area	13453	0.3088	0.35
Proposed Natural Area	0	0.0000	0.30

Proposed Relative Areas

Description	%
Disturbed Area Relative to Parent Tract (Disturbed Area Only Considered)	5.48
Impervious Area Relative to Parent Tract	0.00

Proposed Routed Runoff Calculations (See Hydrology Studio Report)

Description	C	I	A	Q
Proposed Runoff Coefficient	0.45			
Description	C	I	A	Q
Q(2)	0.45	4.75	0.5083	0.48
Q(5)	0.45	6.25	0.5083	0.63
Q(10)	0.45	6.97	0.5083	0.70
Q(25)	0.45	8.00	0.5083	0.81
Q(50)	0.45	8.90	0.5083	0.90
Q(100)	0.45	9.72	0.5083	0.98

Existing Conditions

Description	Area (SF)	Area (AC)	C
Parent Tract Parcel Area	404272	9.2808	NA
Existing Impervious Area	0	0.0000	0.95
Existing Graveled Area	0	0.0000	0.60
Existing Landscaped Area	0	0.0000	0.35
Existing Natural Area	22142	0.5083	0.30

Existing Relative Areas

Description	%
Disturbed Area Relative to Parent Tract (Disturbed Area Only Considered)	5.48
Impervious Area Relative to Parent Tract	0.00

Existing Runoff Calculations

Description	C	I	A	Q
Existing Runoff Coefficient	0.30			
Description	C	I	A	Q
Q(2)	0.30	4.75	0.5083	0.73
Q(5)	0.30	6.25	0.5083	0.96
Q(10)	0.30	6.97	0.5083	1.07
Q(25)	0.30	8.00	0.5083	1.22
Q(50)	0.30	8.90	0.5083	1.36
Q(100)	0.30	9.72	0.5083	1.49

Conclusions

Description	EX. Flow, cfs	PROP Flow, cfs	PROP Storage, cf (Swale/Pond)	Proposed Ponding El. (Swale/Pond)
1 Hour, 100 Year Storm	2.51	3.72	487 / 337	100.62 / 101.33
2 Hour, 100 Year Storm	2.51	3.72	487 / 337	100.62 / 101.33
4 Hour, 100 Year Storm	2.51	3.72	487 / 337	100.62 / 101.33
8 Hour, 100 Year Storm	2.51	3.72	487 / 337	100.62 / 101.33
24 Hour, 100 Year Storm	2.51	3.72	487 / 337	100.62 / 101.33

HYDROLOGY CALCULATIONS

Recovery Time and Treatment Volume				Proj Name: Dunaway Proj No: 20V3N-041 Rev: 1 Date: 01/29/21
Site Data				
Drainage Area	=	0.299	AC	
Impervious Area	=	0.129	AC	
Percent Impervious	=	43	%	
Offsite drainage area	=	0.84	AC	
f	=	0.30		
K ₁₀	=	11.90	ft/day	From NRCS Soil Survey
FS	=	2.00	-	
I _d	=	5.95	ft/day	
Proposed Retention basin				
Stage (ft)	Area (ft ²)	Storage (ft ³)		
100.0	221.0	0		
100.5	1110.0	332.75		
100.75	1558.0	666.25		
For 0.5" of runoff (Off Line Retention)				
Runoff	221.00	0.50	in	
Total treatment volume	=	244.21	ft ³	Based on Rational Method and Post Developed C = 0.45
Treatment Volume Elevation	=	100.37	ft	
Treatment volume depth, h _t	=	0.37	ft	
Height of water table to basin bottom	=	6.67	ft	
Height of water to saturate the soil, h _s	=	2.0001	ft	
h _t < h _s	→	NO Saturated Lateral Flow		
Stage One (V _s) Infiltration				
Pond Bottom Area	=	221.00	ft ²	
Stage One Treatment Volume (V _s)	=	244.21	ft ³	
K ₁₀	=	7.933	ft/day	
I _d	=	3.967	ft/day	
t ₁₀₀	=	0.093	day	
Recovery Time				
Stage One Recovery Time	=	0.093	ft	
Total Recovery Time	=	0.09	days	

RETENTION POND / RECOVERY TIME CALCULATIONS

Recovery Time and Treatment Volume				Proj Name: Dunaway Proj No: 20V3N-041 Rev: 1 Date: 01/29/21
Site Data				
Drainage Area	=	0.210	AC	
Impervious Area	=	0.107	AC	
Percent Impervious	=	51	%	
Offsite drainage area	=	0.37	AC	
f	=	0.30		
K ₁₀	=	11.90	ft/day	From NRCS Soil Survey
FS	=	2.00	-	
I _d	=	5.95	ft/day	
Proposed Retention basin				
Stage (ft)	Area (ft ²)	Storage (ft ³)		
100.0	146.0	0		
100.5	219.0	91.25		
101.0	299.0	220.75		
101.5	434.0	404.00		
102.0	587.0	659.25		
For 0.5" of runoff (Off Line Retention)				
Runoff	=	0.50	in	
Total treatment volume	=	171.52	ft ³	Based on Rational Method and Post Developed C = 0.45
Treatment Volume Elevation	=	100.81	ft	
Treatment volume depth, h _t	=	0.81	ft	
Height of water table to basin bottom	=	6.67	ft	
Height of water to saturate the soil, h _s	=	2.0001	ft	
h _t < h _s	→	NO Saturated Lateral Flow		
Stage One (V _s) Infiltration				
Pond Bottom Area	=	146.00	ft ²	
Stage One Treatment Volume (V _s)	=	171.52	ft ³	
K ₁₀	=	7.933	ft/day	
I _d	=	3.967	ft/day	
t ₁₀₀	=	0.204	day	
Recovery Time				
Stage One Recovery Time	=	0.204	ft	
Total Recovery Time	=	0.20	days	

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SEDIMENT &
EROSION CONTROL
PLAN

C-6B



7038 PINE FOREST ROAD
PENSACOLA, FL 32526

[illegible]

JOB #:
20_V3N_041

C-7

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

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CONVENTIONAL SEEDING EQUIPMENT: GRADE, SHAPE, AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH A CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY. WITHIN 24 HOURS AFTER SEEDING, STRAW OR HAY MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)

AGRICULTURAL LIMESTONE #75	4000 LBS./ACRE
FERTILIZER, 5-10-15	1500 LBS./ACRE
MULCH (STRAW OR HAY)	5000 LBS./ACRE

SEED SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
HULLED COMMON BERMUDA GRASS	10 LBS.	3/1 - 6/15
FESCUE	50 LBS.	9/1 - 10/31
FESCUE RYE GRASS	50 LBS. 50 LBS.	11/1 - 2/28
HAY MULCH FOR TEMPORARY COVER	5000 LBS.	6/15 - 8/31

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

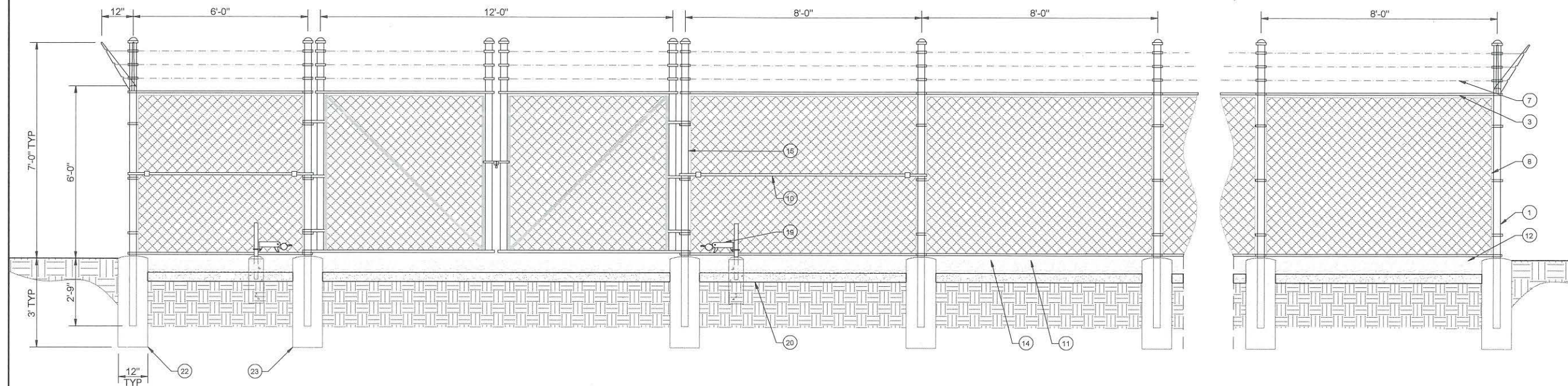
FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS./ACRE

C. SECOND-YEAR TREATMENT:

FERTILIZER (5-10-15 OR EQUIVALENT) 800 LBS./ACRE

DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)



REFERENCE NOTES:

- ① CORNER, END OR PULL POST 3" NOMINAL SCHEDULE 40 PIPE.
- ② LINE POST: 2 1/2" SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 8'-0" O.C.
- ③ TOP RAIL & BRACE RAIL: 1 1/2" PIPE, PER ASTM-F1083.
- ④ FABRIC: 9 GA CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
- ⑤ TIE WIRE: MINIMUM 11 GA GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX. 24" INTERVALS.
- ⑥ TENSION WIRE: 9 GA. GALVANIZED STEEL.
- ⑦ BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH WITH FABRIC 14 GA, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
- ⑧ STRETCHER BAR.
- ⑨ 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD.
- ⑩ FENCE CORNER POST BRACE: 1 5/8" DIA. EACH CORNER EACH WAY.
- ⑪ 1 1/2" MAXIMUM CLEARANCE FROM GRADE.
- ⑫ 2" FINISH OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK.
- ⑬ 4" COMPACTED 95% BASE MATERIAL OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK.
- ⑭ FINISH GRADE SHALL BE UNIFORM AND LEVEL.
- ⑮ GATE POST 4" SCHEDULE 40 PIPE, FOR GATE WIDTHS UP THRU 7 FEET OR 14 FEET FOR DOUBLE SWING GATE, PER ASTM-F1083.
- ⑯ GATE FRAME: 1 1/2" PIPE, PER ASTM-F1083.
- ⑰ GATE FRAME: 1 5/8" DIAMETER PIPE, PER ASTM-F1083.
- ⑱ GATE DIAGONAL GALVANIZED STEEL 1 1/2" PIPE.
- ⑲ DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION.
- ⑳ GEOTEXTILE FABRIC
- ㉑ LINE POST: CONCRETE FOUNDATION (2000 PSI)
- ㉒ CORNER POST: CONCRETE FOUNDATION (2000 PSI)
- ㉓ GATE POST: CONCRETE FOUNDATION (2000 PSI)

GENERAL NOTES:

1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM F-900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED.
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE 1 1/2" GALV. (HOT DIP, ASTM A120 GRADE "A" STEEL). ALL GATE FRAMES SHALL BE WELDED. ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV. (OR EQUAL).
5. ALL OPEN POSTS SHALL HAVE END-CAPS.
6. USE GALVANIZED HOG-RING WIRE TO MOUNT ALL SIGNS.
7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC.

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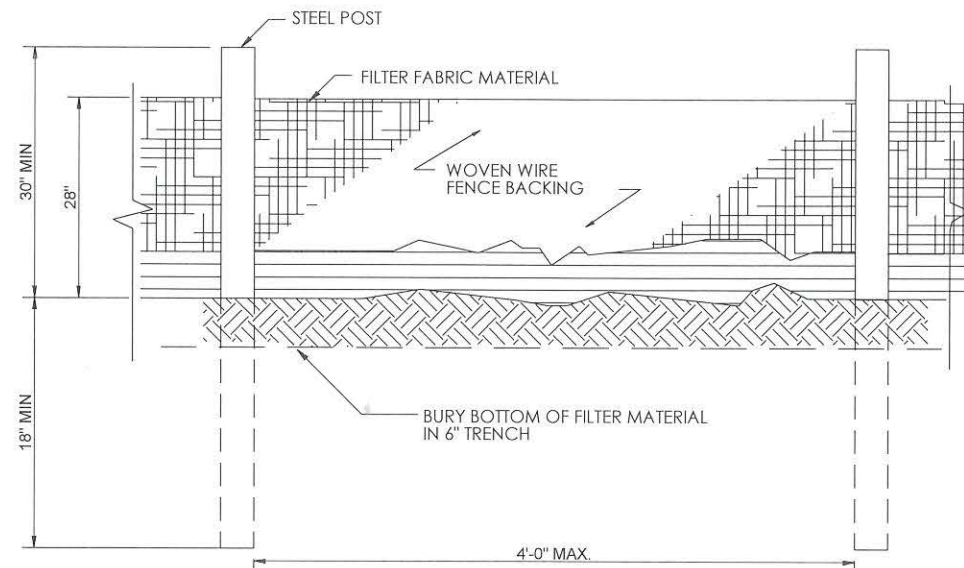
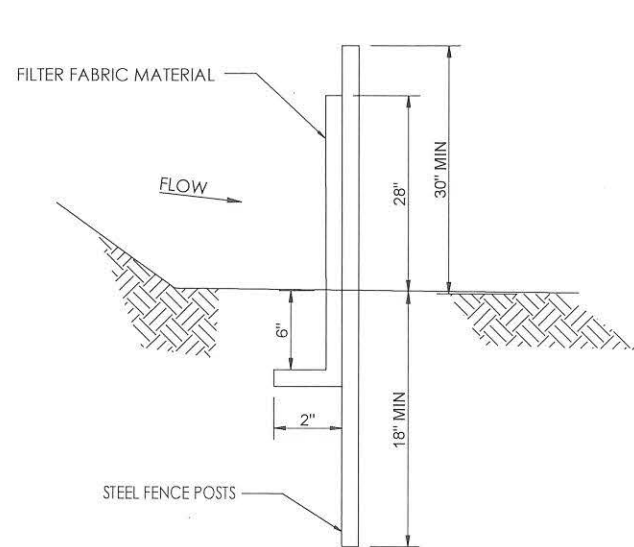


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FENCE DETAILS

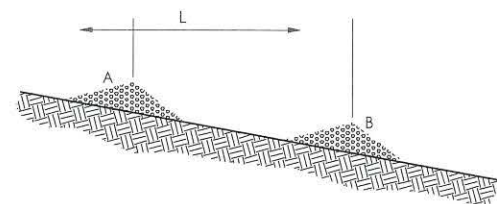
C-8



NOTE: USE 36" DOT APPROVED FABRIC
USE STEEL POSTS

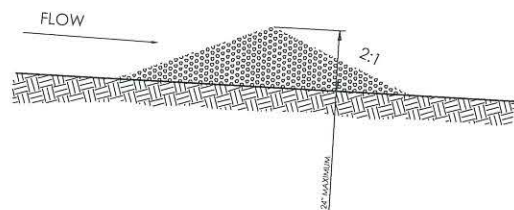
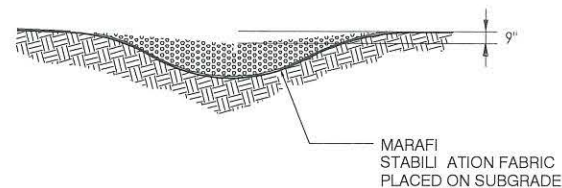
SILT FENCE, TYPE-C

L = THE DISTANCE SUCH THAT POINTS
A AND B ARE OF EQUAL ELEVATION.



SPACING BETWEEN CHECK DAMS

STONE CHECK DAM



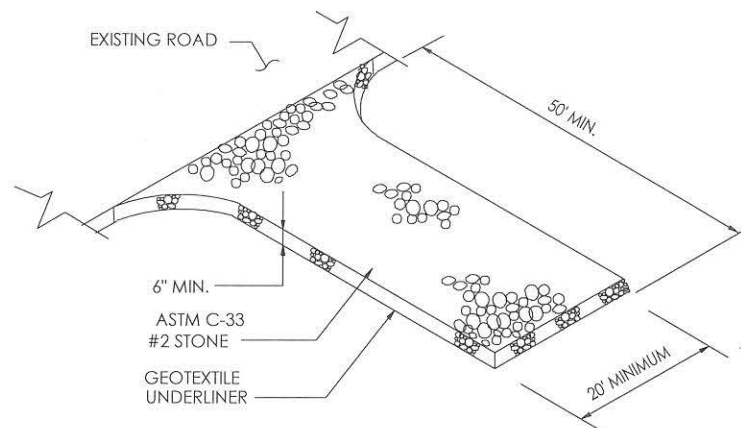
NOTES:

CHECK DAMS TO BE CONSTRUCTED OF GRADED SIZE 2 - 10 INCH STONE. MECHANICAL OR HAND PLACEMENT SHALL BE REQUIRED TO INSURE COMPLETE COVERAGE OF ENTIRE WIDTH OF DITCH OR SWALE AND THAT CENTER OF DAM IS LOWER THAN EDGES.

SEDIMENT TO BE REMOVED WHEN A LEVEL OF 1/2 THE ORIGINAL DAM HEIGHT OR LESS IS REACHED. REMOVE CHECK DAMS AT COMPLETION OF PROJECT AND TREAT RESULTING DISTURBED AREAS AS REQUIRED.

CHECK DAM

NOT TO SCALE



CONSTRUCTION EXIT

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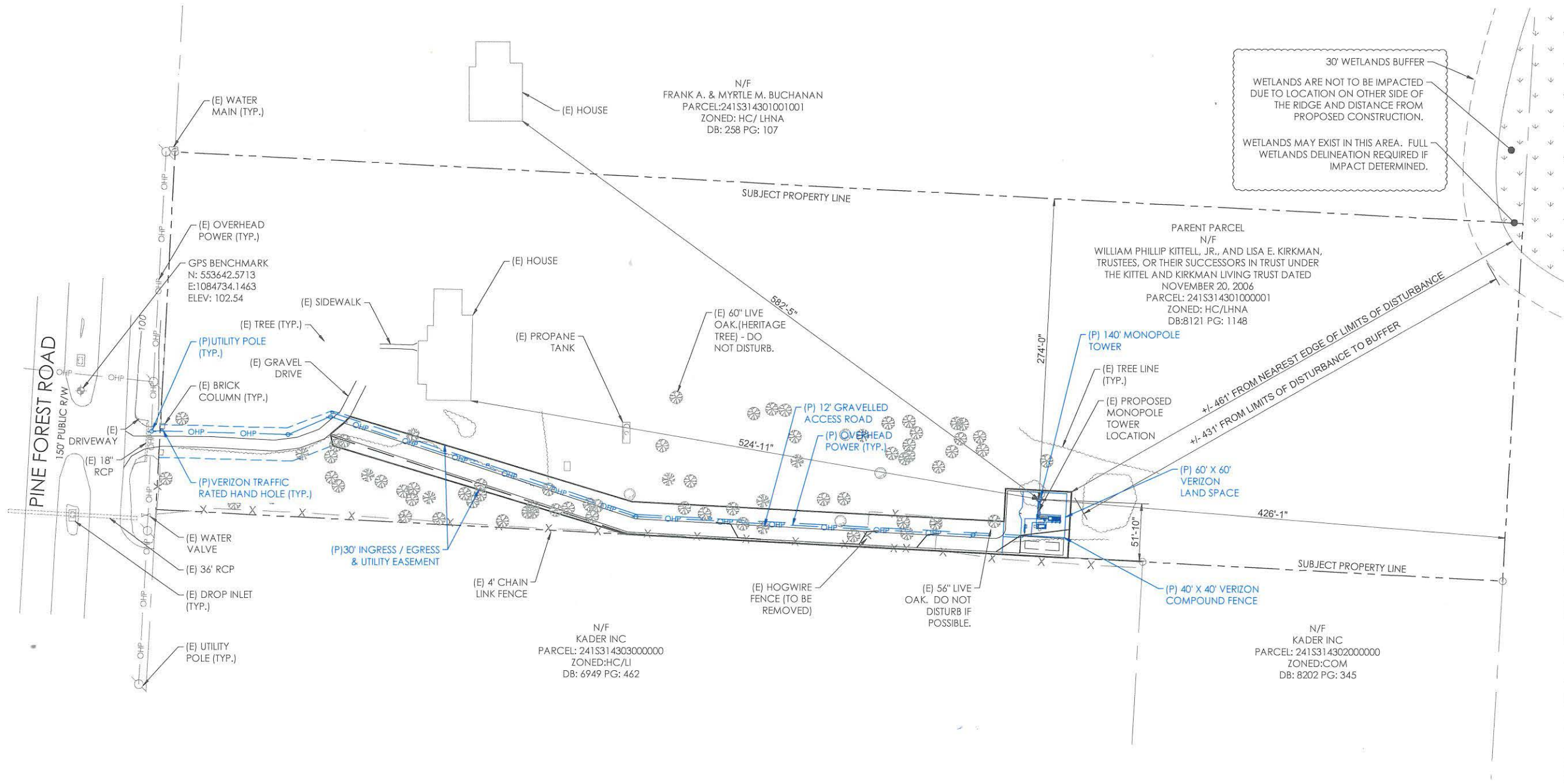


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**GRADING,
SEDIMENT &
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C-9



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ENVIRONMENTAL TABLE		
ESL	ACREAGE	NOTES
FRESHWATER EMERGENT WETLANDS	0.006 AC	NO PROPOSED IMPACTS

WETLANDS SOURCE*: APPROXIMATE AREA DETERMINED FROM GIS.

NO HERITAGE TREES SHALL BE REMOVED. CERTIFIED ARBORIST NEEDS TO IDENTIFY ANY HERITAGE TREES.

PROPOSED SITE LOCATION:
LATITUDE: 30° 29' 32.05" N (NAD83)
LONGITUDE: -87° 18' 12.18" W (NAD83)
GROUND ELEV: 103.6' AMSL

FLOOD PLAIN NOTE:
THE SITE IS LOCATED WITHIN UNSHADED ZONE X AREA OF MINIMAL FLOOD HAZARD PER FEMA MAP 12033C0360G DATED 09/29/2006

THE GC SHALL CONTACT THE SURVEYOR PRIOR TO CONSTRUCTION STRAT TO COORDINATE STAKING AND PINNING THE CORNERS, DRIVEWAY AND CENTER OF TOWER.

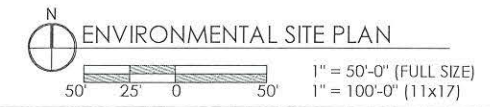


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ENVIRONMENTAL
SITE PLAN

EV-1



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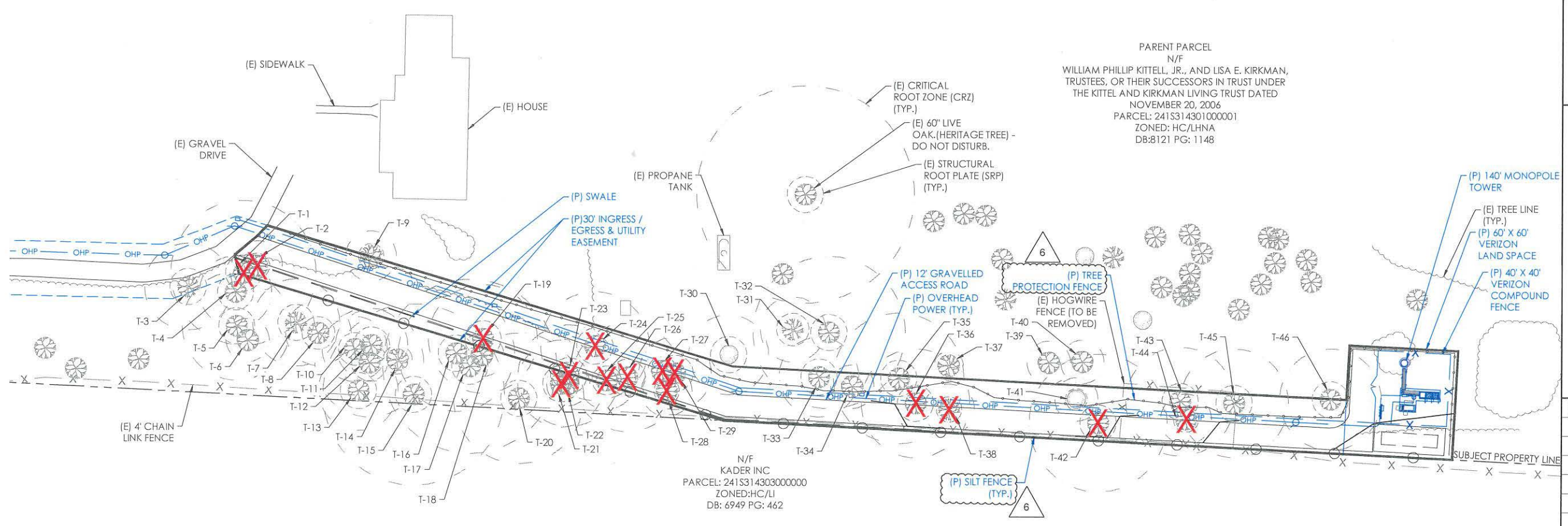


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TREE PLAN

EV-2



TREE INVENTORY			
LABEL	SPECIES	DBH	REMOVE / PRESERVE
T-1	OAK	40"	REMOVE
T-2	OAK	14"	REMOVE
T-3	OAK	24"	PRESERVE
T-4	OAK	20"	PRESERVE
T-5	OAK	30"	PRESERVE
T-6	OAK	12"	PRESERVE
T-7	OAK	24"	PRESERVE
T-8	OAK	18"	PRESERVE
T-9	CYPRESS	18"	PRESERVE
T-10	OAK	18"	PRESERVE
T-11	OAK	20"	PRESERVE
T-12	OAK	30"	PRESERVE
T-13	OAK	22"	PRESERVE
T-14	OAK	8"	PRESERVE
T-15	OAK	50"	PRESERVE
T-16	OAK	32"	PRESERVE
T-17	OAK	48"	PRESERVE
T-18	OAK	12"	PRESERVE
T-19	OAK	20"	REMOVE
T-20	OAK	36"	PRESERVE

TREE INVENTORY			
LABEL	SPECIES	DBH	REMOVE / PRESERVE
T-21	OAK	24"	REMOVE
T-22	OAK	12"	PRESERVE
T-23	OAK	28"	REMOVE
T-24	OAK	30"	REMOVE
T-25	OAK	16"	REMOVE
T-26	OAK	30"	REMOVE
T-27	OAK	18"	REMOVE
T-28	OAK	16"	REMOVE
T-29	OAK	20"	REMOVE
T-30	OAK	22"	DEAD
T-31	OAK	18"	PRESERVE
T-32	OAK	42"	PRESERVE
T-33	OAK	22"	PRESERVE
T-34	OAK	12"	PRESERVE
T-35	OAK	36"	PRESERVE
T-36	OAK	30"	REMOVE
T-37	OAK	8"	PRESERVE
T-38	OAK	14"	REMOVE
T-39	OAK	12"	PRESERVE
T-40	OAK	12"	PRESERVE

TREE INVENTORY			
LABEL	SPECIES	DBH	REMOVE / PRESERVE
T-41	OAK	12"	DEAD
T-42	OAK	38"	REMOVE
T-43	OAK	30"	PRESERVE
T-44	OAK	14"	REMOVE
T-45	OAK	30"	PRESERVE
T-46	OAK	56"	PRESERVE

TOTAL DBH REMOVED: 352"
TOTAL DISTURBED ACREAGE: 0.508 AC
REQUIRED REPLACEMENT DBH: 352" X 0.5 = 176" HOWEVER, MAXIMUM REPLACEMENT LIMIT:
25" DBH/AC = 25" * 0.508 AC = 12.7" DBH
IN LIEU OF PLANTING REPLACEMENT TREES, ALTERNATIVE PAYMENT TO THE TREE RESTORATION FUND IS PROPOSED AFTER SITE PLAN APPROVAL.

NOTE: THE DEVELOPMENT ORDER WILL INDICATE THAT ANY UNAUTHORIZED TREE REMOVAL, INCLUDING IRREPARABLE INJURY CAUSING UNNATURAL DECLINE (E.G. CANOPY REMOVAL 25%, STRUCTURE ROOT PLATE DAMAGE), WILL REQUIRE STANDARD MITIGATION BY FEE PAYMENT NOT LIMITED BY THE MITIGATION CAMP.

NOTE: ALL TREES SHALL BE LABELED AS "PRESERVE" SHALL REMAIN ONSITE AND ANY PROPOSED LAND CLEARING/ "LAND DISTURBING ACTIVITIES", INCLUDING THE PLACEMENT OF FILL/ FILL MATERIALS, GRADING, EXCAVATING, ETC. SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMIT(S) ARE ISSUED FOR SUCH SITE WORK.

NO VEHICLES, CONSTRUCTION EQUIPMENT, OR MATERIAL STOCKPILES MAY ENCROACH BEYOND THE FENCE/BARRIER.

NO HERITAGE TREES SHALL BE REMOVED. CERTIFIED ARBORIST NEEDS TO IDENTIFY ANY HERITAGE TREES.

PROPOSED SITE LOCATION:
LATITUDE: 30° 29' 32.05" N (NAD83)
LONGITUDE: -87° 18' 12.18" W (NAD83)
GROUND ELEV: 103.6' AMSL

FLOOD PLAIN NOTE:
THE SITE IS LOCATED WITHIN UNSHADED ZONE X AREA OF MINIMAL FLOOD HAZARD PER FEMA MAP 12033C0360G DATED 09/29/2006

THE GC SHALL CONTACT THE SURVEYOR PRIOR TO CONSTRUCTION STRAT TO COORDINATE STAKING AND PINNING THE CORNERS, DRIVEWAY AND CENTER OF TOWER.

NOTE: TREES LABELED FOR WITHIN PROPOSED FOOTPRINT PER TREE SURVEY BY 360 SURVEYING SERVICES DATED 05/21/2020. REFER TO SURVEY FOR FULL TREE LIST. ALL TREES TO BE PRESERVED IF POSSIBLE BY MEANDERING ACCESS DRIVE AND LIMIT GRADING.

