

**Approved
ESCAMBIA COUNTY DRC PLAN REVIEW**

DRC Chairman Signature: J. Hampton Date: 7-7-21
 Printed Name: Jennifer Hampton
 Development Services Director or Designee

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.

SITE NAME:

DUNAWAY

LOCATION CODE:

511076

TOWER TYPE:

**PROPOSED 140 FT MONOPOLE TOWER
(TOWER HEIGHT - 141' AGL; OVERALL APPURTENANCE HEIGHT - 151' AGL)**

PREPARED FOR:

verizon

PREPARED BY:



P. MARSHALL & ASSOCIATES
 6801 PORTWEST DRIVE #100
 HOUSTON, TX 77024
 713-677-0964

ZONING DRAWINGS

PROJECT INFORMATION

SITE ADDRESS: 7038 PINE FOREST ROAD
 PENSACOLA, FL 32526
 SITE NAME: DUNAWAY
 LATITUDE: 30° 29' 32.05" N (NAD83)
 LONGITUDE: -87° 18' 12.18" W (NAD83)
 ELEVATION: 103.6' AMSL
 JURISDICTION: ESCAMBIA COUNTY
 CLASSIFICATION: HEAVY COMMERCIAL / LIGHT INDUSTRIAL
 COUNTY: ESCAMBIA COUNTY
 LAND OWNER: BILL & LISA KITTEL
 12230 HALCYON DR.
 PENSACOLA, FL 32506
 LISA KIRKMAN KITTEL ; 850-516-8004
 DEVELOPER: VERIZON WIRELESS
 14123 CICERO ROAD
 HOUSTON, TX 77095
 CM: JEFF MCNARY 850-572-7020
 ENGINEER: P. MARSHALL & ASSOCIATES
 6801 PORTWEST DR. SUITE 100
 HOUSTON, TX 77024
 PATRICK W. MARSHALL, P.E.
 678-280-2325

DRAWING INDEX

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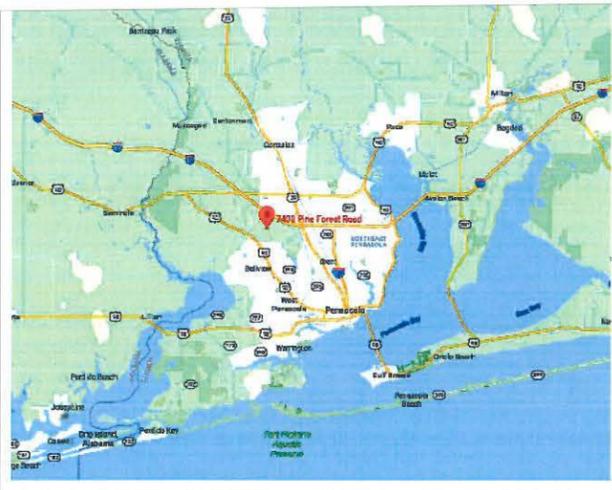


DUNAWAY

7038 PINE FOREST ROAD
 PENSACOLA, FL 32526

LOCATION CODE:
279068

NO.	DATE	REVISIONS	BY
A	04/16/20	PRELIM LE	JY
B	05/26/20	PRELIM LE	JY
C	07/28/20	PRELIM LE	JY
0	11/05/20	FINAL ZDs	JY
1	12/18/20	JDX COMMENTS	DA
2	12/24/20	JDX COMMENTS	DA
3	01/29/21	JDX COMMENTS	DA
4	02/03/21	SW COMMENTS	DA
5	03/26/21	ENVIRON. COMMENTS	DA
6	06/11/21	DRC COMMENTS	DA
7	06/24/21	DRC COMMENTS	DA



POWER & TELCO COORDINATION:

- POWER COMPANY: GULF POWER
- MAIN CONTACT NUMBER: 850-969-3111
- PWR. CO. ENGINEER: TBD
- ENGINEER CONTACT INFO: TBD
- ESID NUMBER: TBD
- METER ADDRESS: TBD
- TELEPHONE COMPANY: AT&T
- TEL. CONTACT NUMBER: 850-436-1438

DRIVING DIRECTIONS:

FROM SWITCH:
 FROM HARAHAH, TAKE I-10E APPROXIMATELY 197 MILES EAST TO EXIT #7A IN FLORIDA FOR FL-297S / PINE FOREST ROAD. TURN RIGHT ONTO FL-297 N / PINE FOREST ROAD AND TRAVEL 1.4 MILES AND THE RAW LAND SITE WILL BE ON YOUR LEFT.

NOTE:
 THE PROPOSED EQUIPMENT WILL NOT BE USED FOR EMERGENCY RESPONSE EQUIPMENT.

ABANDONMENT NOTE:
 THE COUNTY SHALL CONSIDER ANY COMMERCIAL COMMUNICATION TOWER WHOSE USE HAS BEEN DISCONTINUED FOR A PERIOD OF 12 MONTHS TO BE ABANDONED. THE OWNER/OPERATOR OF THE TOWER SHALL HAVE 180 DAYS TO REACTIVATE THE USE OF THE TOWER, TRANSFER THE TOWER TO ANOTHER OWNER/OPERATOR, OR DISMANTLE AND REMOVE THE TOWER.



CALL FLORIDA ONE CALL
 (800) 432-4770
 CALL 3 WORKING DAYS
 BEFORE YOU DIG!



DESIGNED: JY
 DRAWN: JY
 CHECKED: DA

JOB #:
 20_V3N_041

**TITLE SHEET &
 PROJECT
 INFORMATION**

T-1

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/LI/NAI (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]

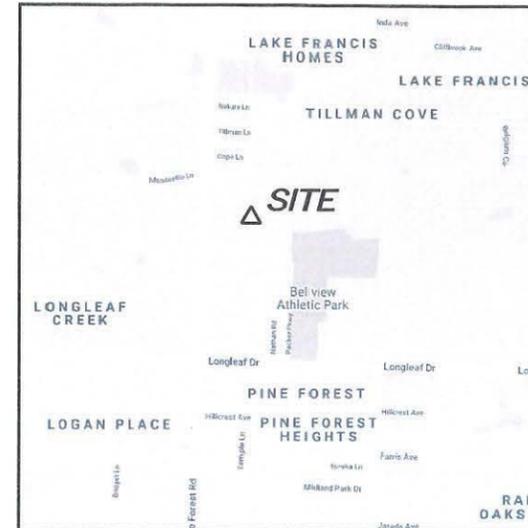
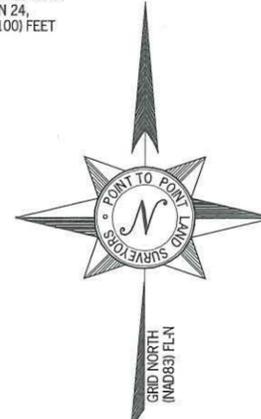
10. CERTIFICATION OF TRUST BETWEEN WILLIAM PHILLIP KITTELL, JR., AND LISA E. KIRKMAN RECORDED 4/18/2019 IN BOOK 8080 PAGE 1576.

[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 SOUTHWEST 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 ± 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

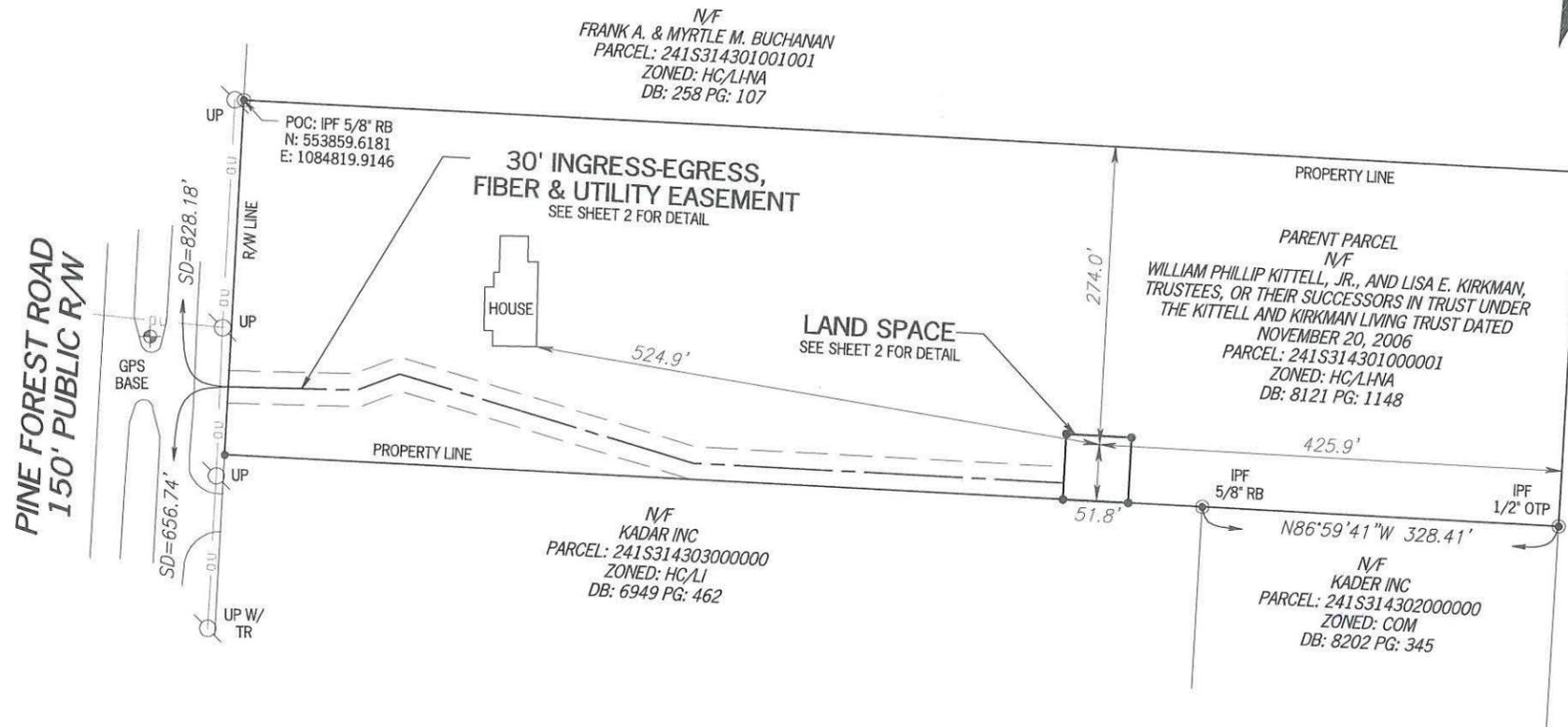
I HEREBY CERTIFY THAT THIS MAP IS CORRECT AND WAS DRAWN UNDER MY DIRECT SUPERVISION. ANY VISIBLE ENCROACHMENTS ARE SHOWN HEREON.

[Signature] 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.
Call before you dig.**



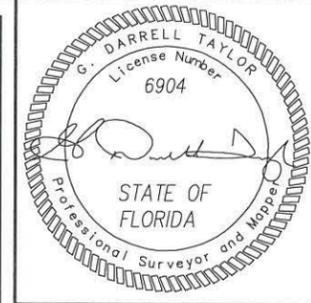
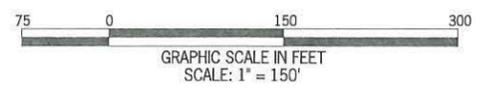
N/F
BOARD OF PUBLIC INSTRUCTION,
ESCAMBIA COUNTY, FLORIDA
PARCEL: 241S314401000000
ZONED: PUB
DB: 561 PG: 197

- 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
 - RCF 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:

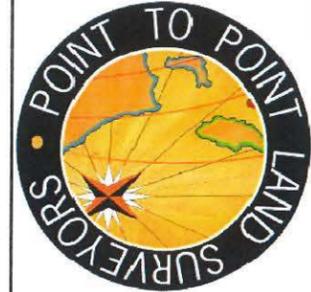
POSITIONAL ACCURACY: 0.40 FEET (HORZ) 1.08 FEET (VERT)
TYPE OF EQUIPMENT: GEOMAX ZENITH35 PRO BASE AND ROVER, DUAL FREQUENCY
TYPE OF GPS FIELD PROCEDURE: ONLINE POSITION USER INTERFACE
DATES OF SURVEY: APRIL 2, 2020
DATUM / EPOCH: NAD_83(2011)(EPOCH:2010.0000)
PUBLISHED / FIXED CONTROL USE: N/A
GEOID 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



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:

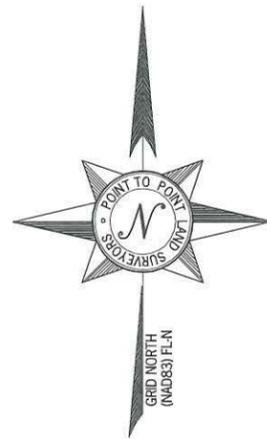


DUNAWAY

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

DRAWN BY: DRC	SHEET: 1
CHECKED BY: JKL	OF 2
APPROVED: DMM	
DATE: APRIL 6, 2020	
P2P JOB #: 200449FL	

E:\p2pbox (Point To Point)\P2P Current Jobs\2020\200449FL-Dunaway\200449FL.dwg



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.

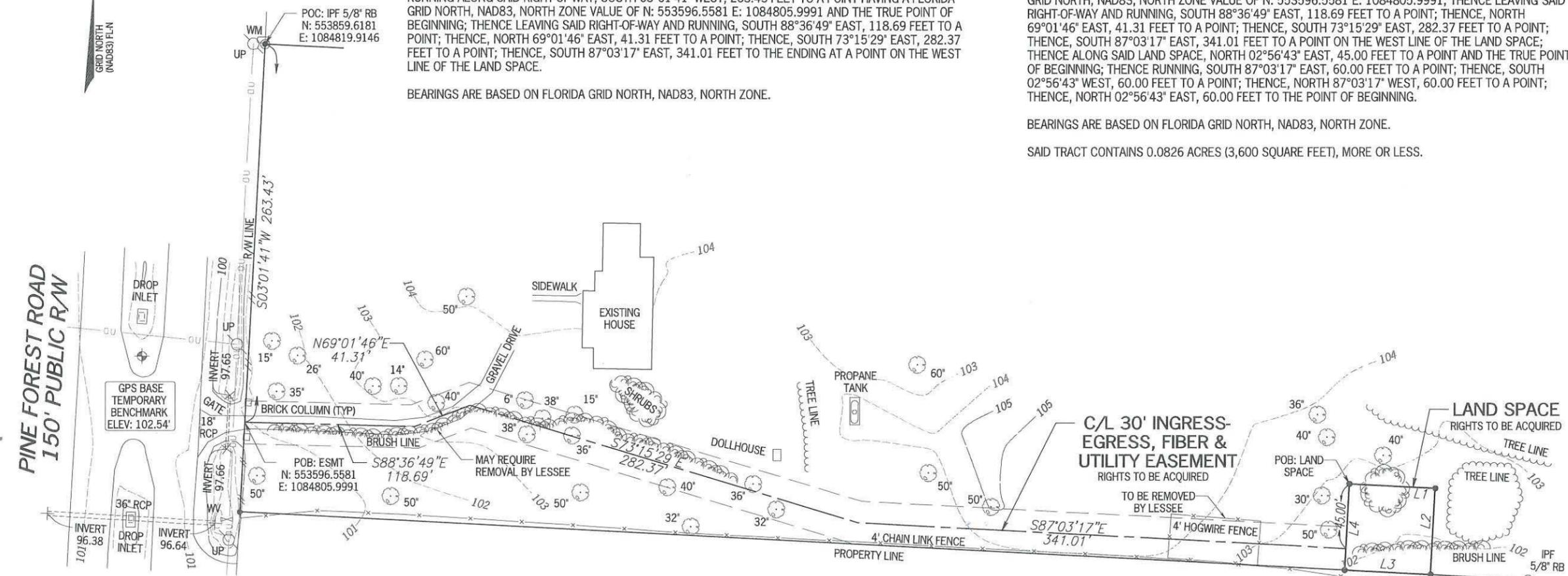
LAND SPACE

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN THE SOUTHWEST QUARTER OF THE SOUTHWEST 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.



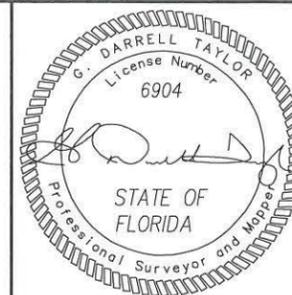
- LEGEND**
- POB POINT OF BEGINNING
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 - CO SEWER CLEAN-OUT
 - GV GAS VALVE
 - N/F NOW OR FORMERLY
 - TREE

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.

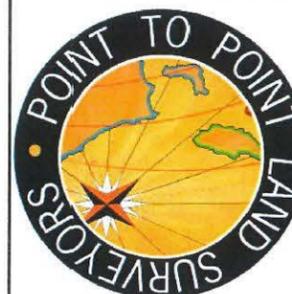
LINE TABLE

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'



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:

2

OF 2

SURVEY NOT VALID WITHOUT SHEET 1 OF 2

TREE LEGEND

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

© 360 SURVEYING SERVICES

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NOTES:

1. FIELD WORK FOR THIS SURVEY WAS COMPLETED ON 05-13-2020.
2. THE MEASUREMENTS SHOWN HEREON WERE MADE TO UNITED STATES SURVEY FOOT AND WERE RECORDED IN DECIMAL OF FEET UNLESS OTHERWISE MARKED.
3. 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.
4. 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.
5. NORTH IS REFERENCED FROM STATE PLANE COORDINATE SYSTEM FLORIDA NORTH ZONE NORTH AMERICAN DATUM OF 1983 (READJUSTED IN 2011).
6. 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

PINE FOREST ROAD
 150' PUBLIC R/W

N/F
 FRANK A. & MYRTLE M. BUCHANAN
 PARCEL: 241S314301001001
 ZONED: HC/LI-NA
 DB: 258 PG: 107

PROVIDED BY CLIENT
 PARENT PARCEL
 N/F
 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
 PARCEL: 241S314301000001
 ZONED: HC/LI-NA
 DB: 8121 PG: 1148

N/F
 BOARD OF PUBLIC INSTRUCTION,
 ESCAMBIA COUNTY, FLORIDA
 PARCEL: 241S314401000000
 ZONED: PUB
 DB: 561 PG: 197

N/F
 KADAR INC
 PARCEL: 241S314303000000
 ZONED: HC/LI
 DB: 6949 PG: 462

N/F
 KADER INC
 PARCEL: 241S314302000000
 ZONED: COM
 DB: 8202 PG: 345

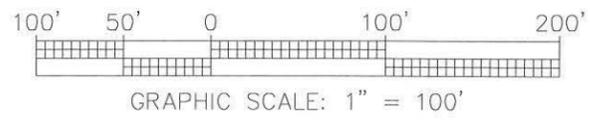
N86°59'41"W 328.41'

SPECIFIC PURPOSE SURVEY
 TREE LOCATION EXHIBIT



Know what's below
 Call before you dig

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.



**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



SCALE: 1" = 100'
 SHEET 1 OF 1



DUNAWAY

7038 PINE FOREST ROAD
PENSACOLA, FL 32526

LOCATION CODE:
279068

NO.	DATE	REVISIONS	BY
A	04/16/20	PRELIM LE	JY
B	05/26/20	PRELIM LE	JY
C	07/28/20	PRELIM LE	JY
0	11/05/20	FINAL ZDs	JY
1	12/18/20	JDX COMMENTS	DA
2	12/24/20	JDX COMMENTS	DA
3	01/29/21	JDX COMMENTS	DA
4	02/03/21	SW COMMENTS	DA
5	03/26/21	ENVIRON. COMMENTS	DA
6	06/11/21	DRC COMMENTS	DA

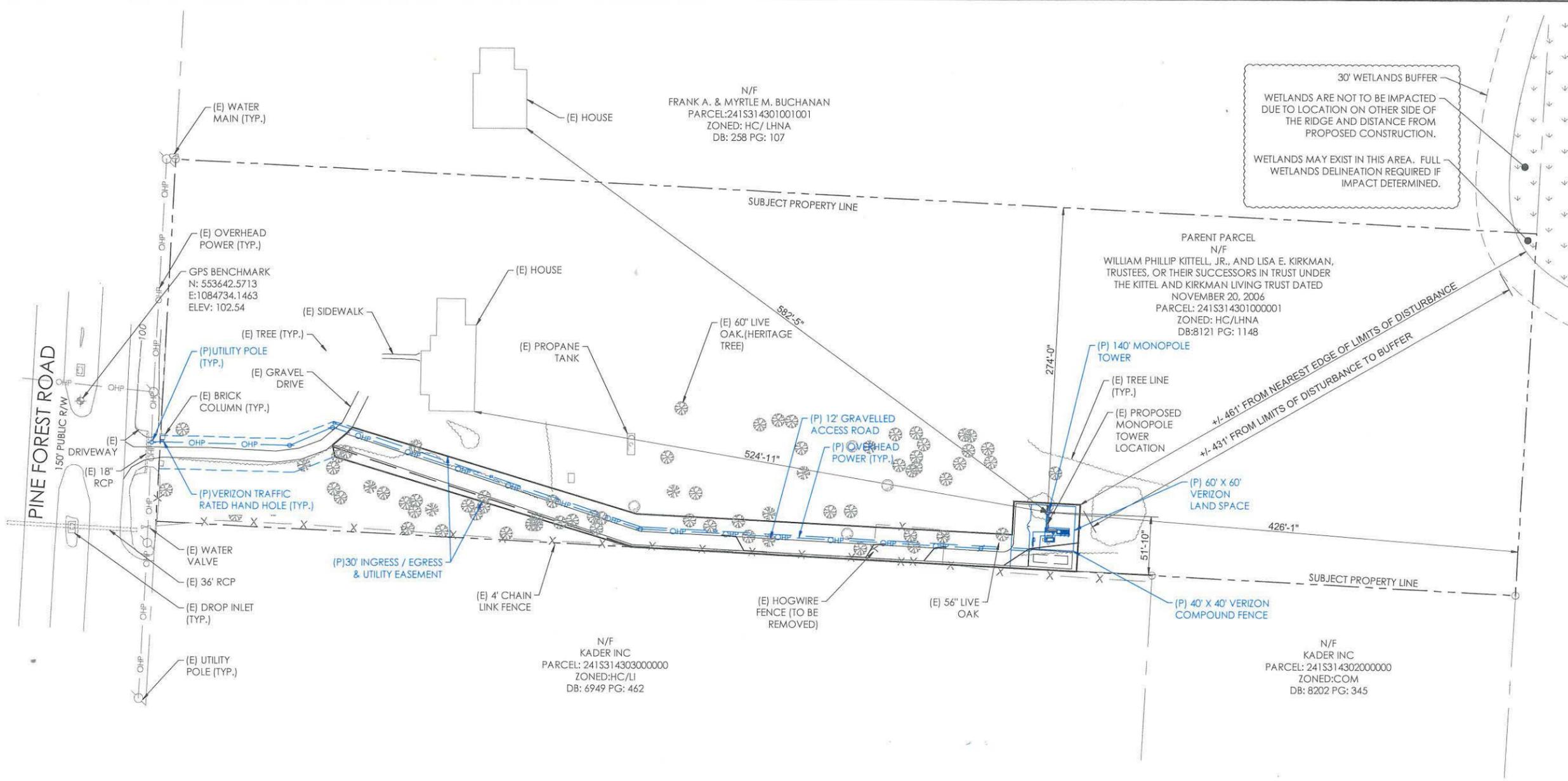


DESIGNED: JY
DRAWN: JY
CHECKED: DA

JOB #:
20_V3N_041

OVERALL SITE PLAN

C-2



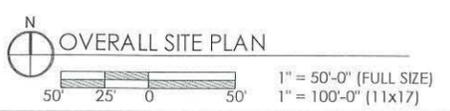
30' WETLANDS BUFFER
WETLANDS ARE NOT TO BE IMPACTED DUE TO LOCATION ON OTHER SIDE OF THE RIDGE AND DISTANCE FROM PROPOSED CONSTRUCTION.
WETLANDS MAY EXIST IN THIS AREA. FULL WETLANDS DELINEATION REQUIRED IF IMPACT DETERMINED.

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.





P. MARSHALL & ASSOCIATES

DUNAWAY

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PENSACOLA, FL 32526

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3	01/29/21	JDX COMMENTS	DA
4	02/03/21	SW COMMENTS	DA
5	03/26/21	ENVIRON. COMMENTS	DA
6	06/11/21	DRC COMMENTS	DA



DESIGNED: JY
DRAWN: JY
CHECKED: DA

JOB #:
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OVERALL SITE PLAN W/ MAP

C-2A



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.

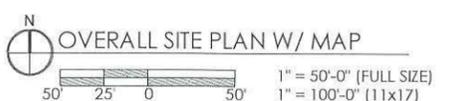
18.3.1 * AN APPROVED WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW FOR FIRE PROTECTION SHALL BE PROVIDED TO ALL PREMISES UPON WHICH FACILITIES, BUILDINGS, OR PORTIONS OF BUILDINGS ARE HEREAFTER CONSTRUCTED OR MOVED INTO THE JURISDICTION. THE APPROVED WATER SUPPLY SHALL BE IN ACCORDANCE WITH 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.

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.



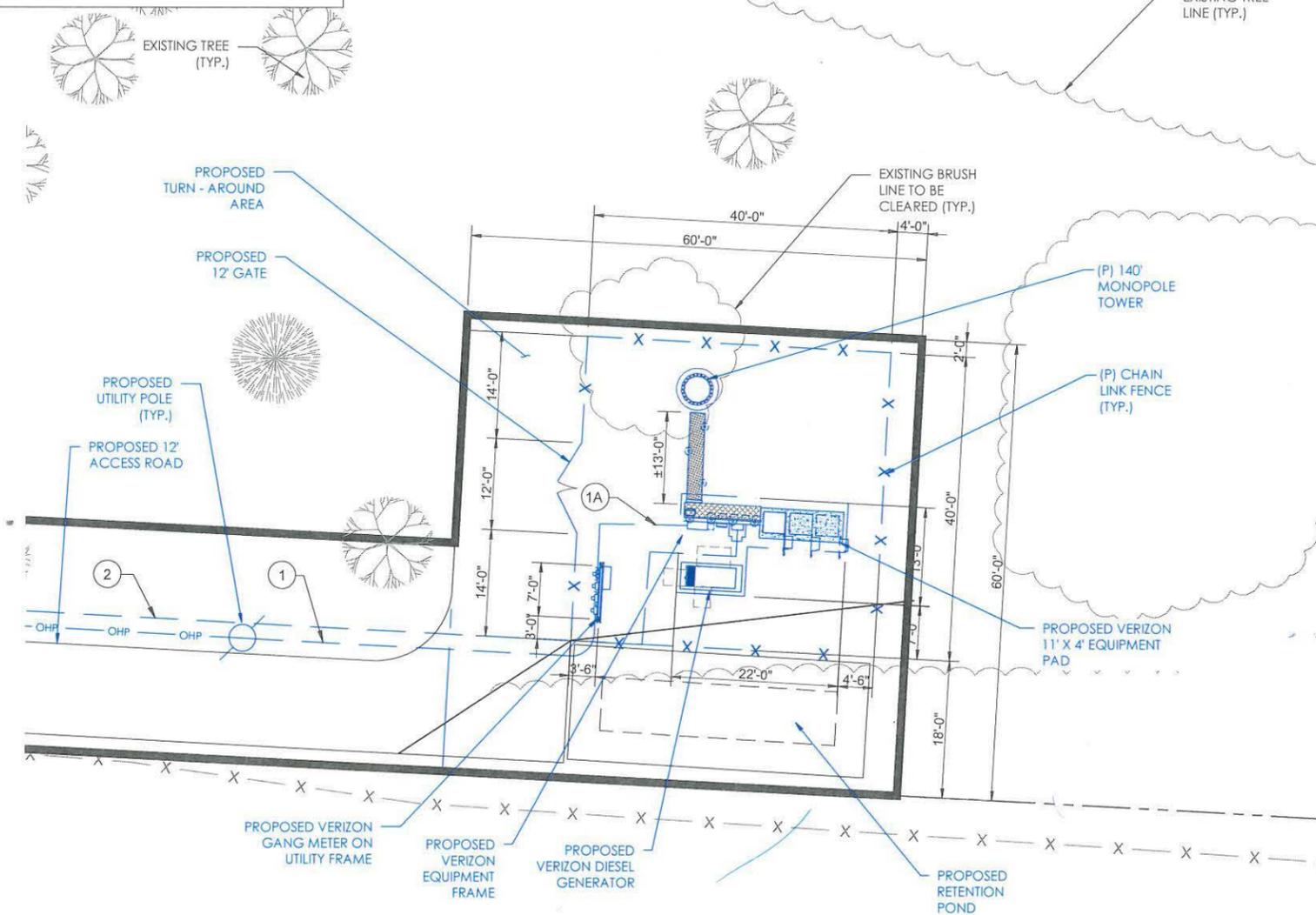
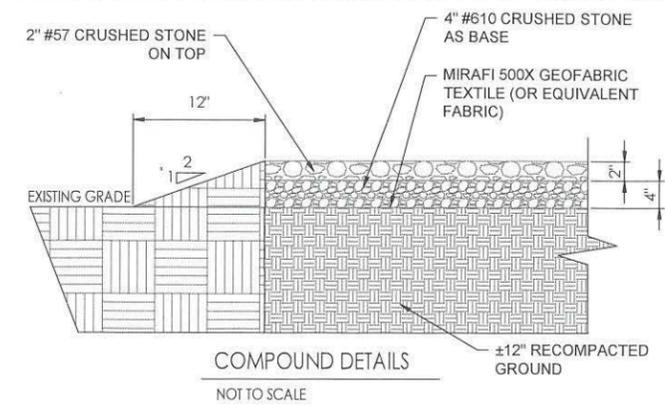
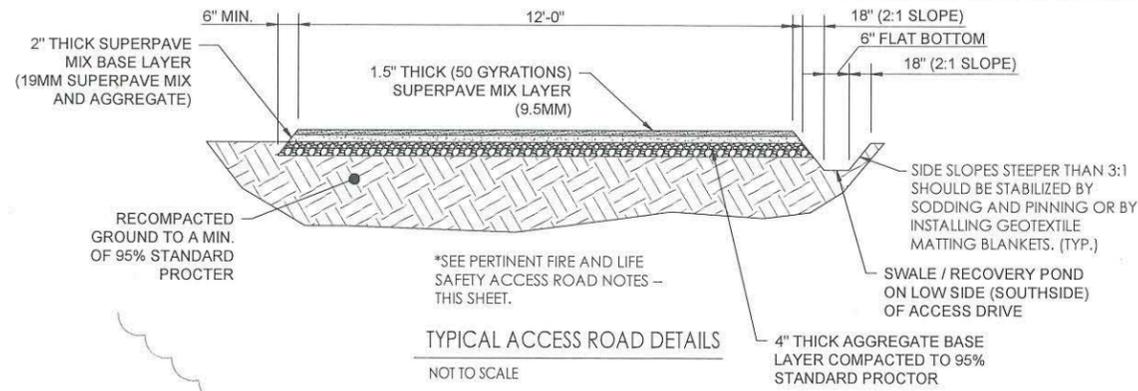
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18.2.3.2.2 FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED SUCH THAT ANY PORTION OF THE FACILITY OR ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY OF THE BUILDING IS LOCATED NOT MORE THAN 150 FT (46 M) FROM FIRE DEPARTMENT ACCESS ROADS AS MEASURED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

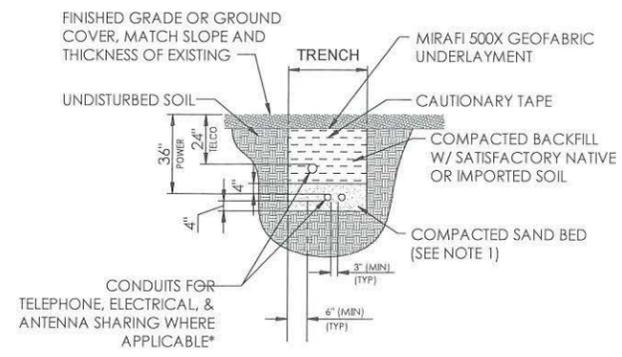
18.2.3.4.1.2 FIRE DEPARTMENT ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FT 6 IN. (4.1 M).

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.



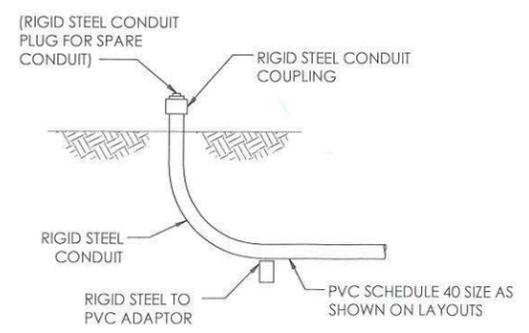
ELECTRICAL KEY NOTES:

- 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')



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

DIRECT BURIED CONDUIT
NTS



UNDERGROUND CONDUIT STUB-UP
NTS



DUNAWAY

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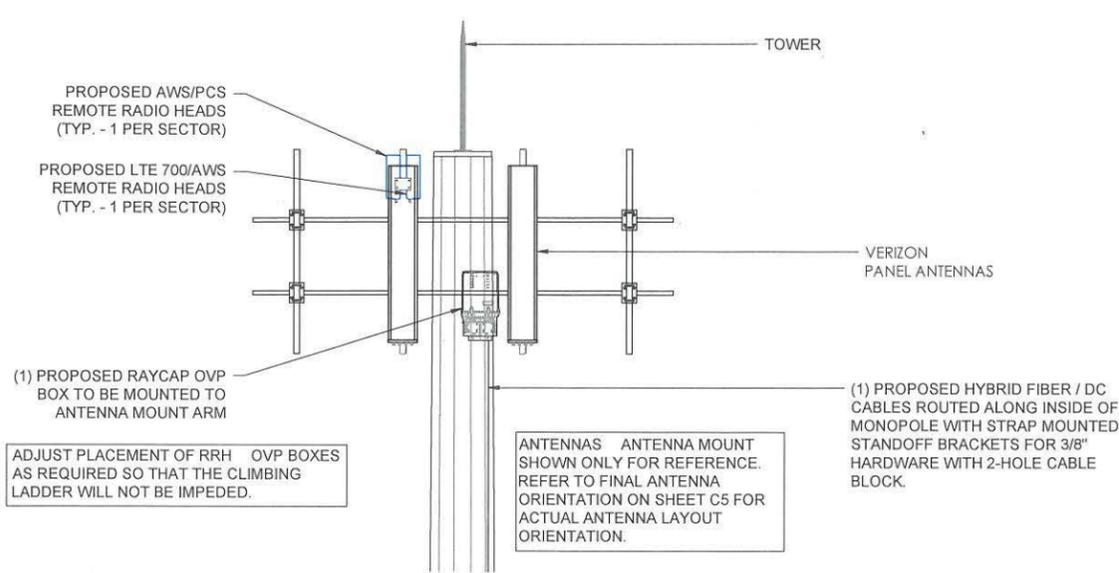
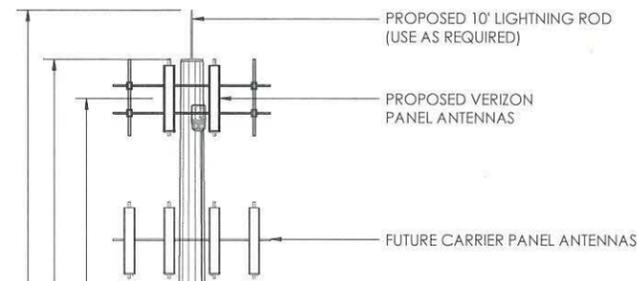


DESIGNED: JY
DRAWN: JY
CHECKED: DA

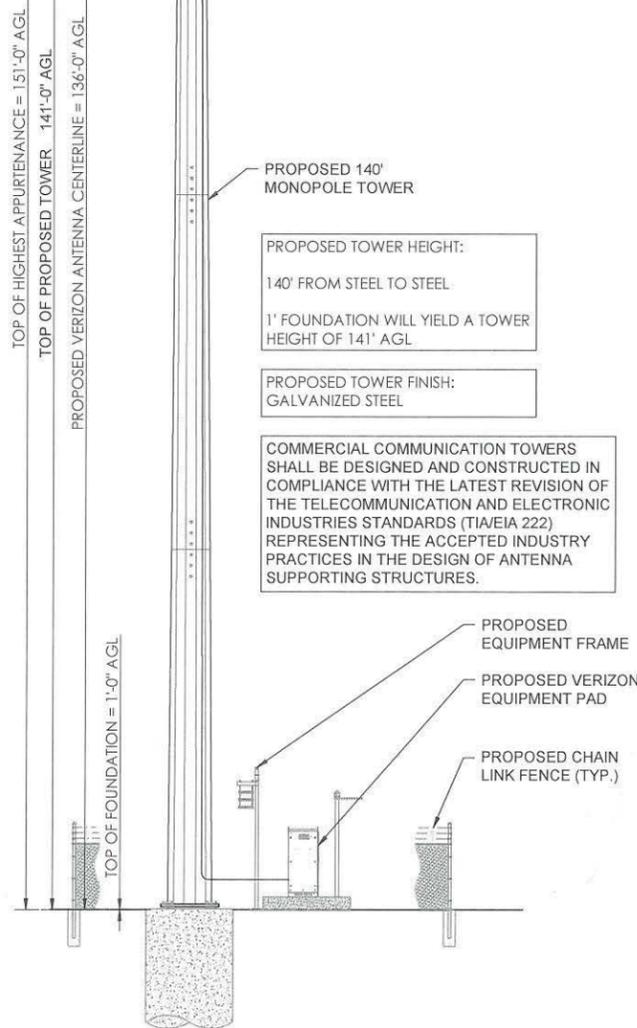
JOB #:
20_V3N_041

DETAILED SITE PLAN

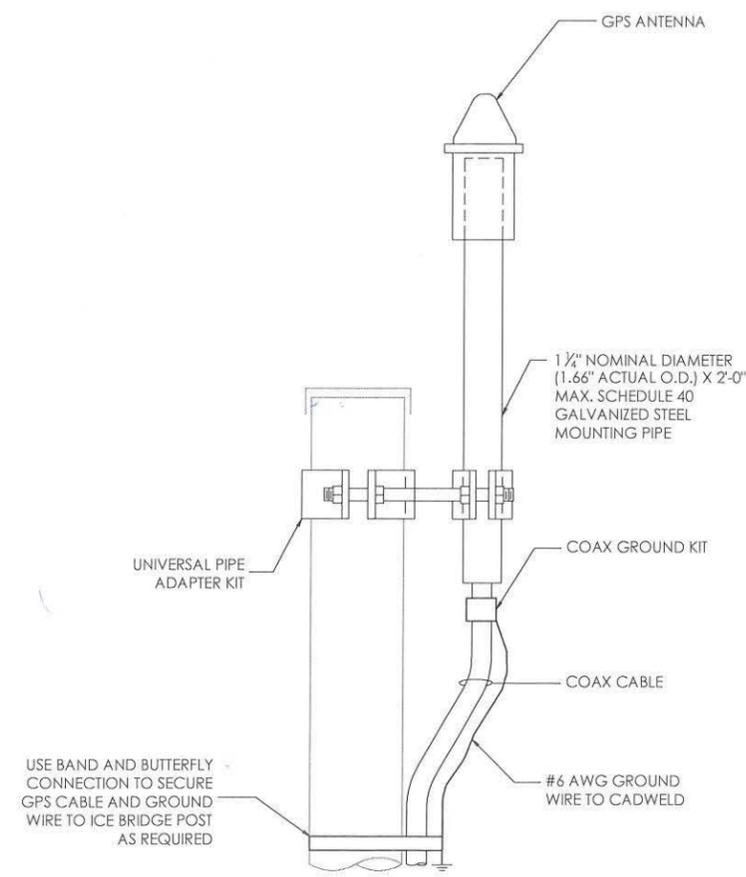




RRH & OVP MOUNTING DETAIL
NOT TO SCALE



TOWER ELEVATION
NOT TO SCALE



GPS ANTENNA MOUNTING DETAIL
NOT TO SCALE



DUNAWAY

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1	12/18/20	JDX COMMENTS	DA



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TOWER ELEVATION

DUNAWAY

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0	11/05/20	FINAL ZDs	JY
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ANTENNA ORIENTATION

C-5

FINAL ANTENNA & CABLE CONFIGURATION						
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANT.	AWS (2100 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.	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

1	PROPOSED PERFECT VISION ANTENNA MOUNT
---	---------------------------------------

QUANTITY OVP

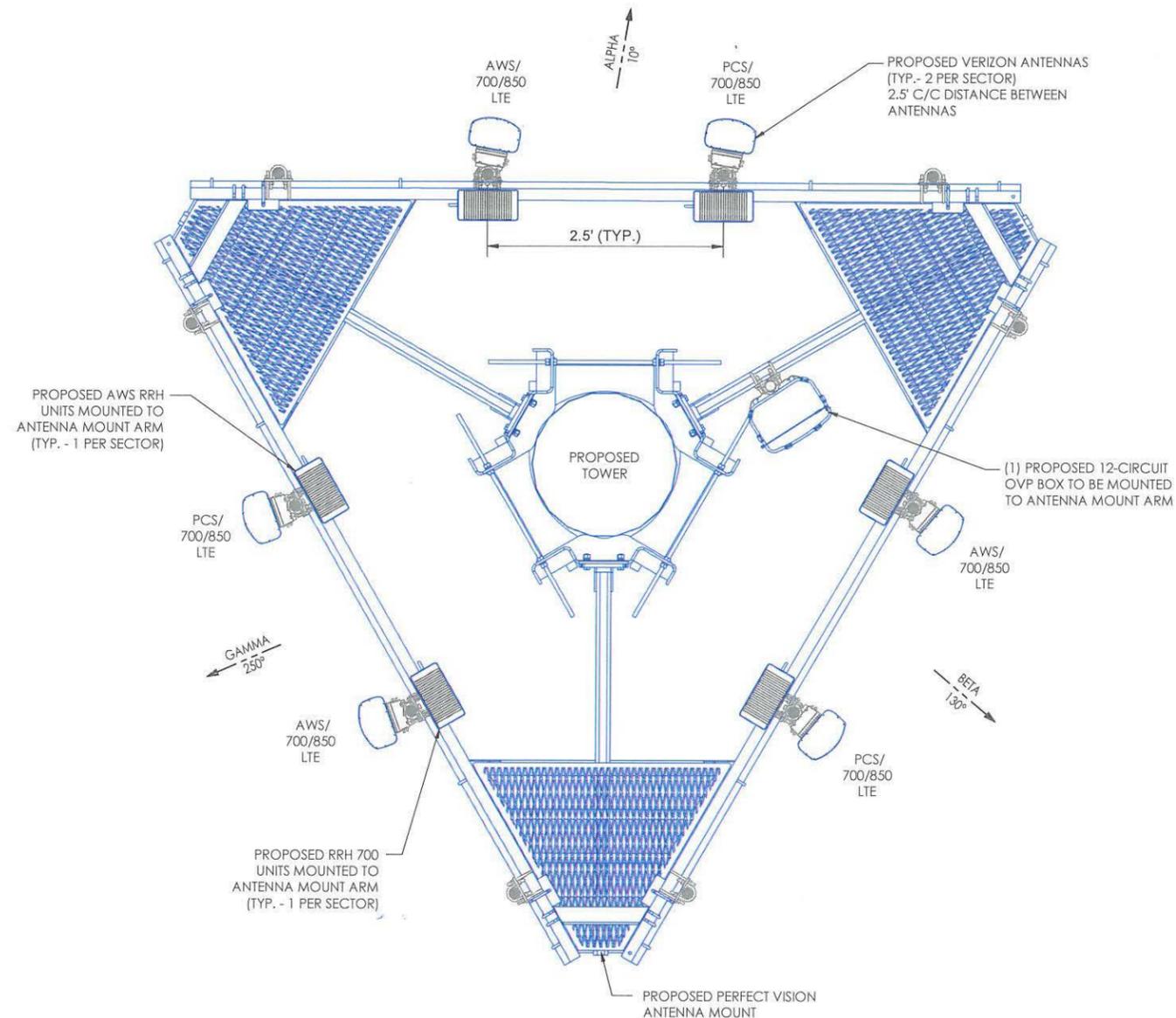
1	PROPOSED 12-CIRCUIT RAYCAP OVP (ANTENNA LEVEL)
1	PROPOSED 12-CIRCUIT RAYCAP OVP (GROUND LEVEL)

QUANTITY RRH

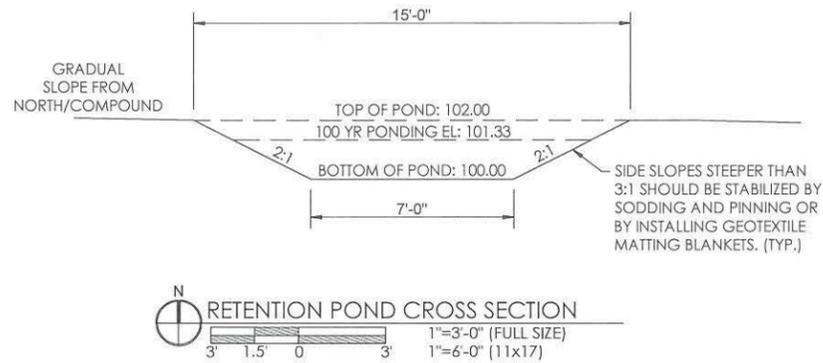
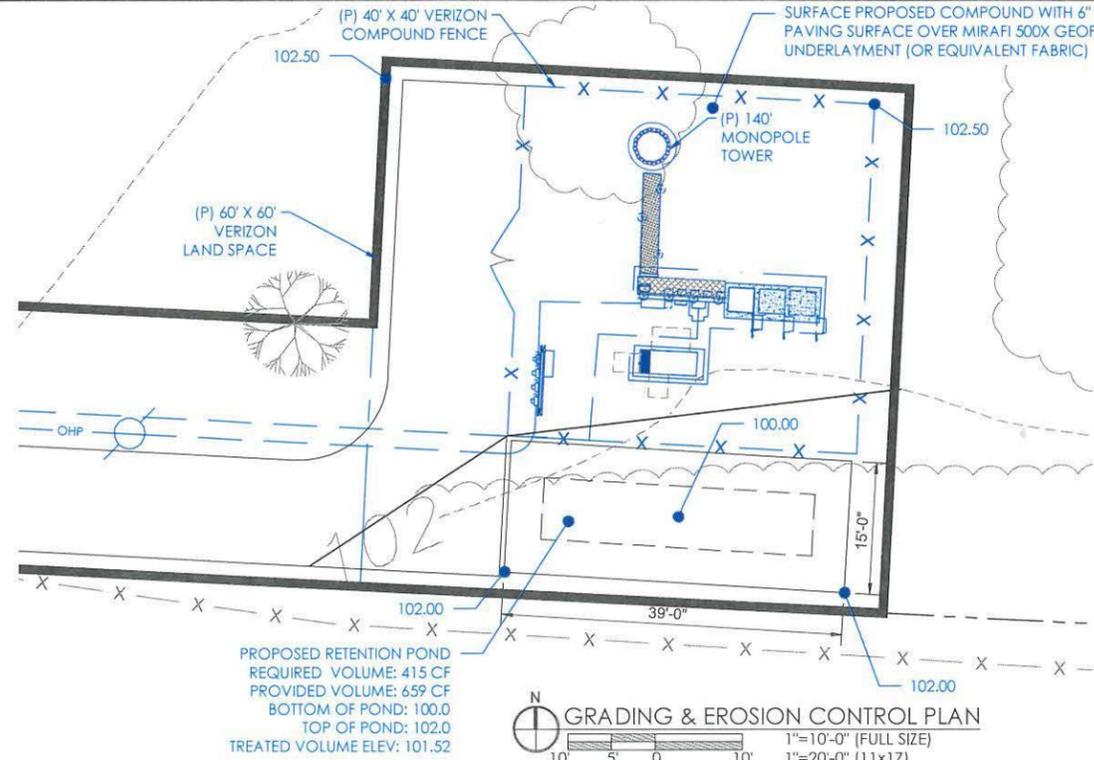
3	PROPOSED NOKIA AHBCC AIRSCALE DUAL RRH 4T4R B5/B13 320W
3	PROPOSED NOKIA AHFC AIRSCALE DUAL RRH 4T4R B2/B66A 320W

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

VERIZON APPROVED PERFECT VISION ANTENNA MOUNT TO BE USED



ANTENNA ORIENTATION
NOT TO SCALE



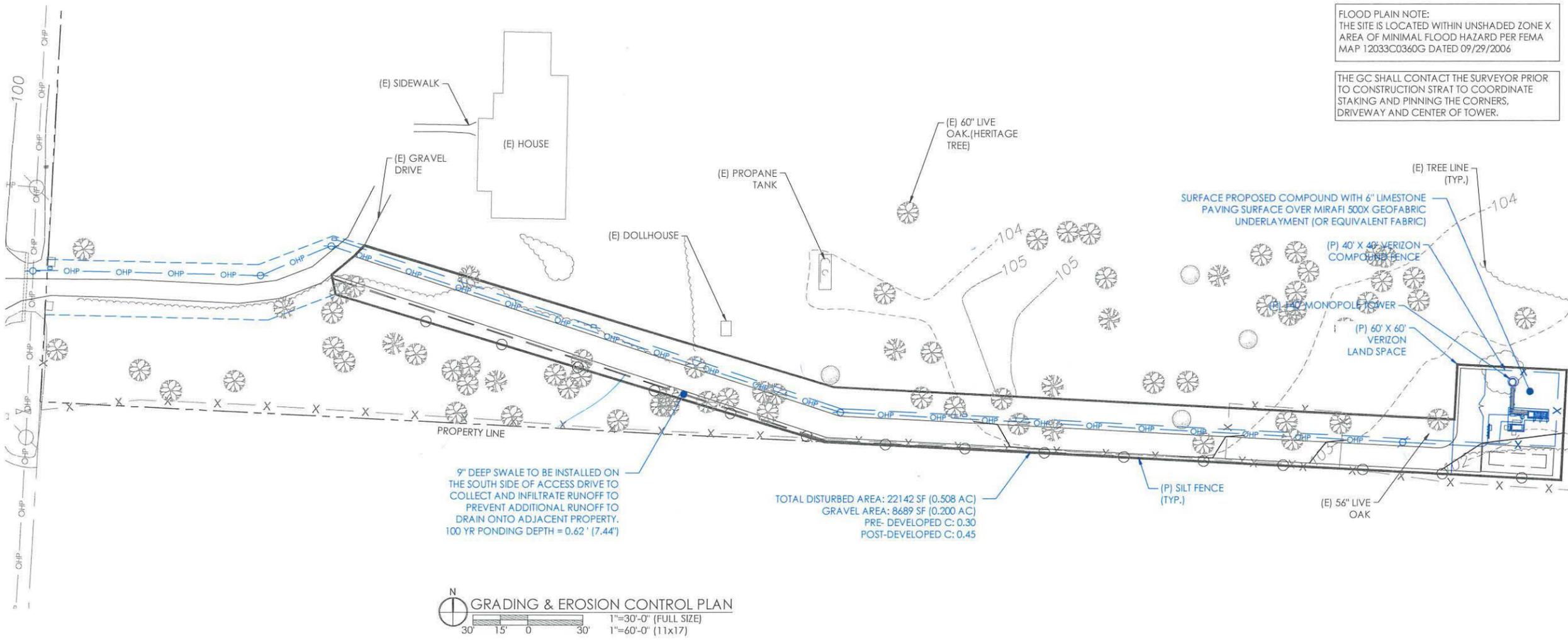
- DISTURBED AREAS LEFT IDLE SHALL BE STABILIZED WITH TEMPORARY VEGETATION AFTER 14 DAYS; AFTER 30 DAYS PERMANENT VEGETATION SHALL BE ESTABLISHED
- MAINTENANCE STATEMENT EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN AND REPAIRED BY THE GENERAL CONTRACTOR
- ADDITIONAL EROSION 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 RETENTION POND
 REQUIRED VOLUME: 415 CF
 PROVIDED VOLUME: 659 CF
 BOTTOM OF POND: 100.0
 TOP OF POND: 102.0
 TREATED VOLUME ELEV: 101.52

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.



9' DEEP SWALE TO BE INSTALLED ON THE SOUTH SIDE OF ACCESS DRIVE TO COLLECT AND INFILTRATE RUNOFF TO PREVENT ADDITIONAL RUNOFF TO DRAIN ONTO ADJACENT PROPERTY. 100 YR PONDING DEPTH = 0.62' (7.44")

TOTAL DISTURBED AREA: 22142 SF (0.508 AC)
 GRAVEL AREA: 8689 SF (0.200 AC)
 PRE-DEVELOPED C: 0.30
 POST-DEVELOPED C: 0.45



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 DRAWN: JY
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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

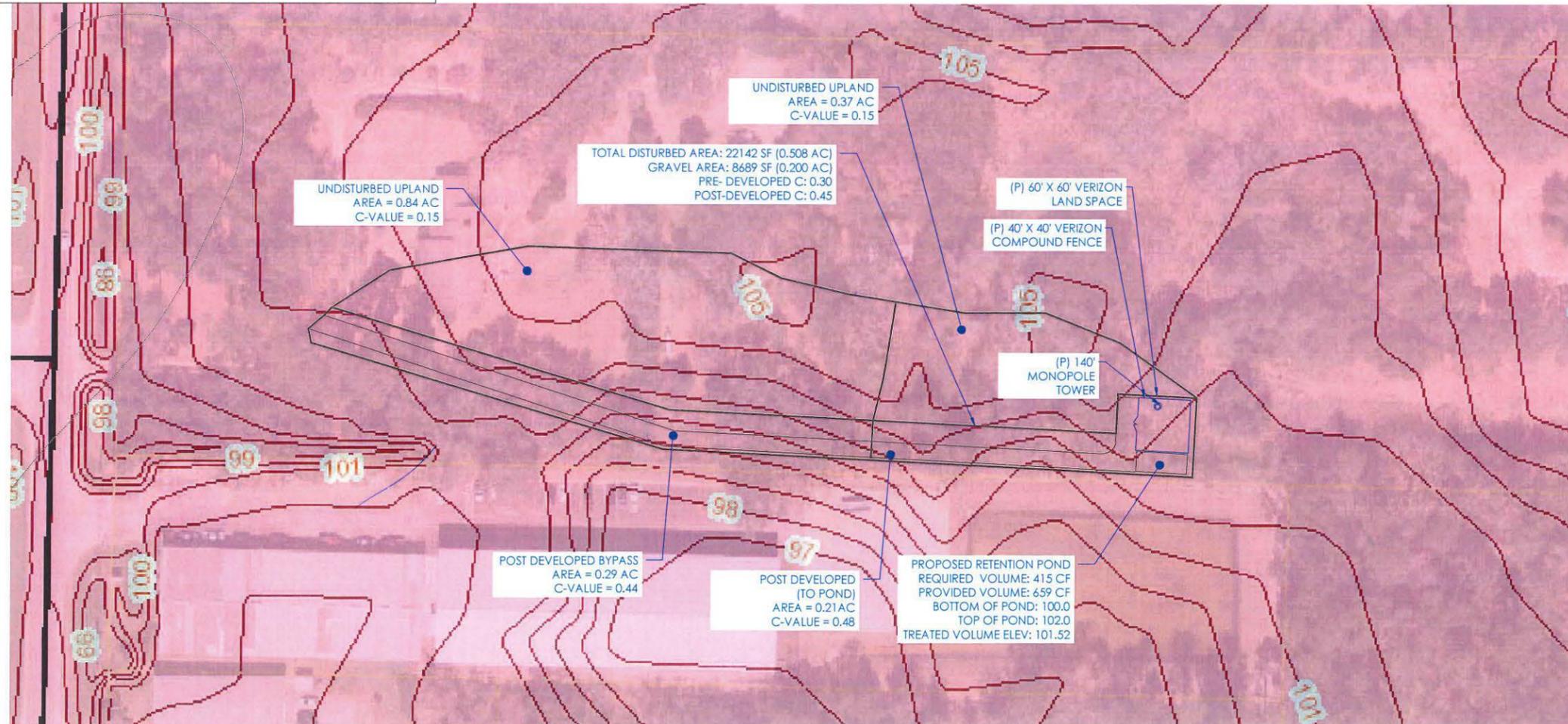
THE GC SHALL CONTACT THE SURVEYOR PRIOR TO CONSTRUCTION STRAT TO COORDINATE STAKING AND PINNING THE CORNERS, DRIVEWAY AND CENTER OF TOWER.



DUNAWAY

7038 PINE FOREST ROAD
PENSACOLA, FL 32526

LOCATION CODE:
279068



NO.	DATE	REVISIONS	BY
A	04/16/20	PRELIM LE	JY
B	05/26/20	PRELIM LE	JY
C	07/28/20	PRELIM LE	JY
0	11/05/20	FINAL ZDs	JY
1	12/18/20	JDX COMMENTS	DA
2	12/24/20	JDX COMMENTS	DA
3	01/29/21	JDX COMMENTS	DA
4	02/03/21	SW COMMENTS	DA
5	03/26/21	ENVIRON. COMMENTS	DA
6	06/11/21	DRC COMMENTS	DA



DESIGNED: JY
DRAWN: JY
CHECKED: DA

JOB #:
20_V3N_041

GRADING, SEDIMENT & EROSION CONTROL PLAN

C-6A



DUNAWAY

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**GRADING,
SEDIMENT &
EROSION CONTROL
PLAN**

C-6B

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			
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 ₁₅	=	11.90	ft/day
FS	=	2.00	-
t _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
Treatment Volume Elevation	=	100.37	ft
Treatment volume depth, h _v	=	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 _v < 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 ₁₅	=	7.933	ft/day
t _d	=	3.967	ft/day
t _{ret}	=	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			
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 ₁₅	=	11.90	ft/day
FS	=	2.00	-
t _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	230.75	
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
Treatment Volume Elevation	=	100.81	ft
Treatment volume depth, h _v	=	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 _v < 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 ₁₅	=	7.933	ft/day
t _d	=	3.967	ft/day
t _{ret}	=	0.204	day
Recovery Time			
Stage One Recovery Time	=	0.204	ft
Total Recovery Time	=	0.20	days

**GRADING,
SEDIMENT &
EROSION CONTROL
PLAN**

C-6B



P. MARSHALL & ASSOCIATES

DUNAWAY

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GRADING, SEDIMENT & EROSION CONTROL NOTES

C-7

PIEDMONT VEGETATIVE COVERS

CALENDAR MONTH	TEMPORARY SEED	APPLICATION RATE/ACRE	PERMANENT SEED	APPLICATION RATE/ACRE
1. JANUARY	RYE GRASS	40-50 LB.	UNHULLED BERMUDA SERICEA LESPEDEZA	8-10 LB. 30-40 LB. ¹
2. FEBRUARY			UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8-10 LB. 30-40 LB. 30-50 LB. ²
3. MARCH	RYE ANNUAL LESPEDEZA WEEPING LOVE GRASS	2-3 BU. 20-25 LB. 4-6 LB.	UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8-10 LB. 30-40 LB. 30-50 LB.
4. APRIL	RYE BROWN TOP MILLET ANNUAL LESPEDEZA SUDAN ANNUAL	2-3 BU. 30-40 LB. 20-25 LB. 35 LB.	WEEPING LOVE GRASS HULLED BERMUDA BAHIA	4-6 LB. 5-6 LB. 40-60 LB.
5. MAY	WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET	4-6 LB. 35 LB. 30-40 LB.	WEEPING LOVE GRASS HULLED BERMUDA BAHIA	4-6 LB. 5-6 LB. 40-60 LB.
6. JUNE	WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET	4-6 LB. 35 LB. 30-40 LB.	WEEPING LOVE GRASS HULLED BERMUDA BAHIA	4-6 LB. 5-6 LB. 40-60 LB.
7. JULY	WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET	4-6 LB. 35 LB. 30-40 LB.		
8. AUGUST	RYE GRASS WEEPING LOVE GRASS	40-50 LB. 4-6 LB.		
9. SEPTEMBER			TALL FESCUE	30-50 LB.
10. OCTOBER	WHEAT	2-3 BU.	UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8-10 LB. 30-40 LB. 30-50 LB. ²
11. NOVEMBER	WHEAT	2-3 BU.	UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8-10 LB. 30-40 LB. 30-50 LB.
12. DECEMBER	RYE RYE GRASS WHEAT	2-3 BU. 40-50 LB. 2-3 BU.	UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8-10 LB. 30-40 LB. 30-50 LB.

¹ USE A MINIMUM OF 40 LBS. SCARIFIED SEED. THE REMAINDER MAY BE UNSCARIFIED, CLEAN HULLED SEED.

² USE EITHER COMMON SERALA OR INTERSTATE SERICEA LESPEDEZA.

DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)

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.

SOIL CONDITIONS

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.

TREATMENT SPECIFICATIONS

HYDRAULIC SEEDING EQUIPMENT: WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OR SEEDBED PREPARATION WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER MULCH WILL BE MIXED WITH WATER AND APPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (HYDRAULIC SEEDING EQUIPMENT ON SLOPES 3:1 AND STEEPER)

SEED SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
AGRICULTURAL LIMESTONE #75 FERTILIZER, 5-10-15 MULCH (STRAW OR HAY) OR WOOD CELLULOSE FIBER MULCH	4000 LBS./ACRE 1500 LBS./ACRE 5000 LBS./ACRE 1000 LBS./ACRE	
SERICEA LESPEDEZA, SCARIFIED WEEPING LOVE GRASS, OR COMMON BERMUDA, HULLED	60 LBS. 4 LBS. 6 LBS.	3/1 - 6/15
FESCUE SERICEA LESPEDEZA, UNSCARIFIED	40 LBS. 60 LBS.	9/1 - 10/31
FESCUE SERICEA LESPEDEZA, UNSCARIFIED RYE	40 LBS. 75 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 (0-20-20 OR EQUIVALENT) 500 LBS./ACRE

DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)

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.

SOIL CONDITIONS

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.

TREATMENT SPECIFICATIONS

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)

SEED SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
AGRICULTURAL LIMESTONE #75 FERTILIZER, 5-10-15 MULCH (STRAW OR HAY)	4000 LBS./ACRE 1500 LBS./ACRE 5000 LBS./ACRE	
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

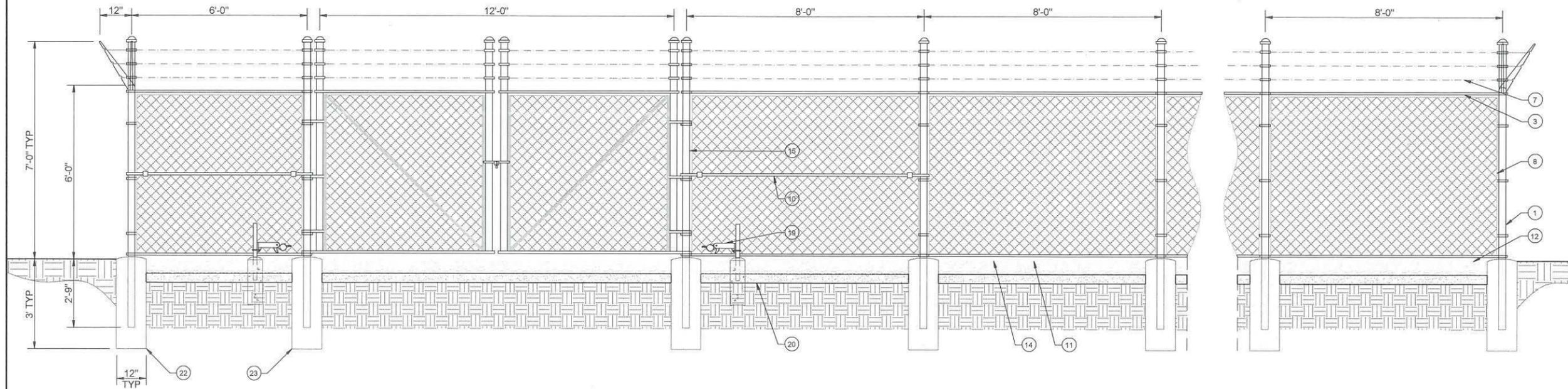
C. SECOND-YEAR TREATMENT:

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

DUNAWAY

7038 PINE FOREST ROAD
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REFERENCE NOTES:

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

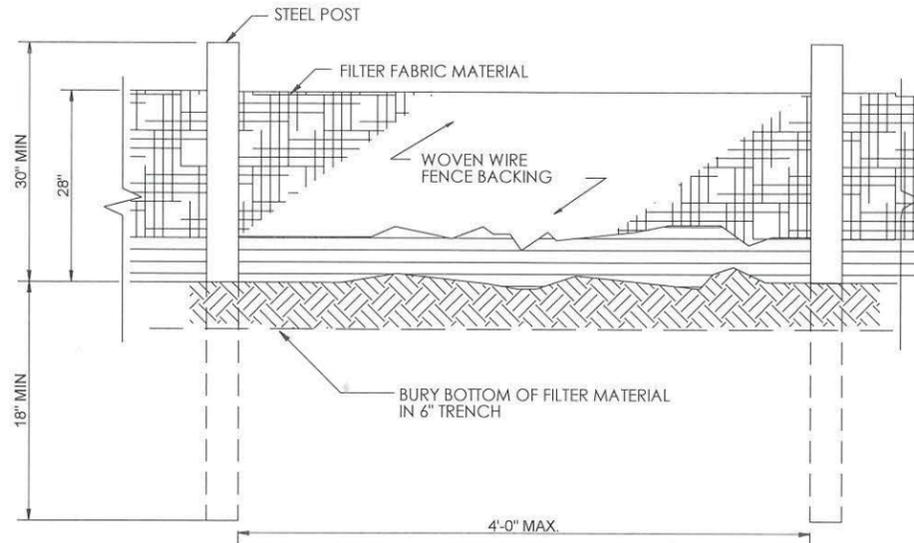
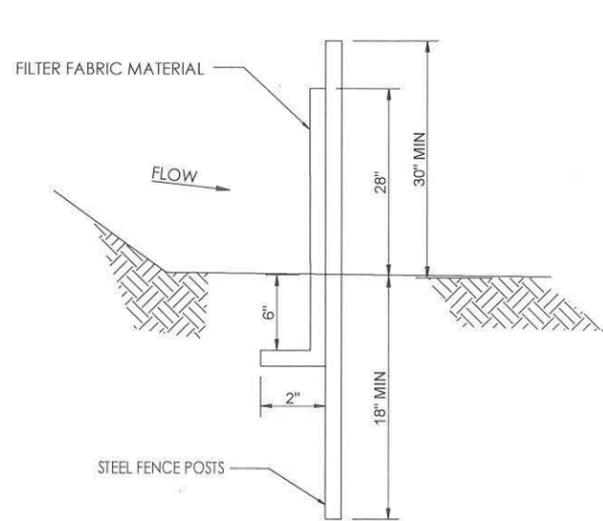
GENERAL NOTES:

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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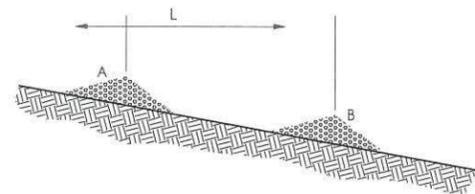
FENCE DETAILS



NOTE: USE 36" DOT APPROVED FABRIC
USE STEEL POSTS

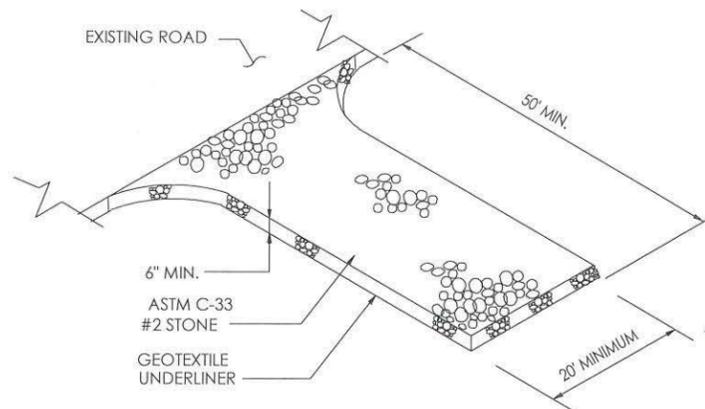
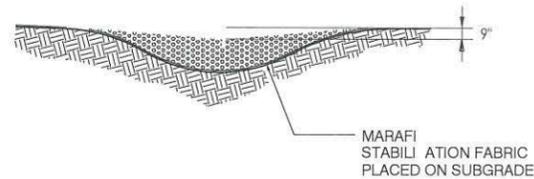
SILT FENCE, TYPE-C

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

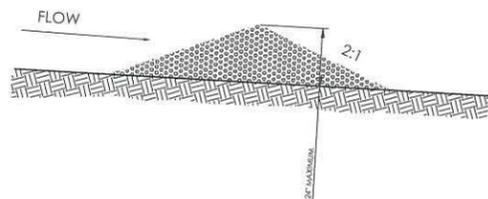


SPACING BETWEEN CHECK DAMS

STONE CHECK DAM



CONSTRUCTION EXIT



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



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A	04/16/20	PRELIM LE	JY
B	05/26/20	PRELIM LE	JY
C	07/28/20	PRELIM LE	JY
0	11/05/20	FINAL ZDs	JY
1	12/18/20	JDX COMMENTS	DA
2	12/24/20	JDX COMMENTS	DA
3	01/29/21	JDX COMMENTS	DA
4	02/03/21	SW COMMENTS	DA
5	03/26/21	ENVIRON. COMMENTS	DA
6	06/11/21	DRC COMMENTS	DA
7	06/24/21	DRC COMMENTS	DA



DESIGNED: JY
DRAWN: JY
CHECKED: DA

JOB #:
20_V3N_041

**GRADING,
SEDIMENT &
EROSION CONTROL
DETAILS**

C-9

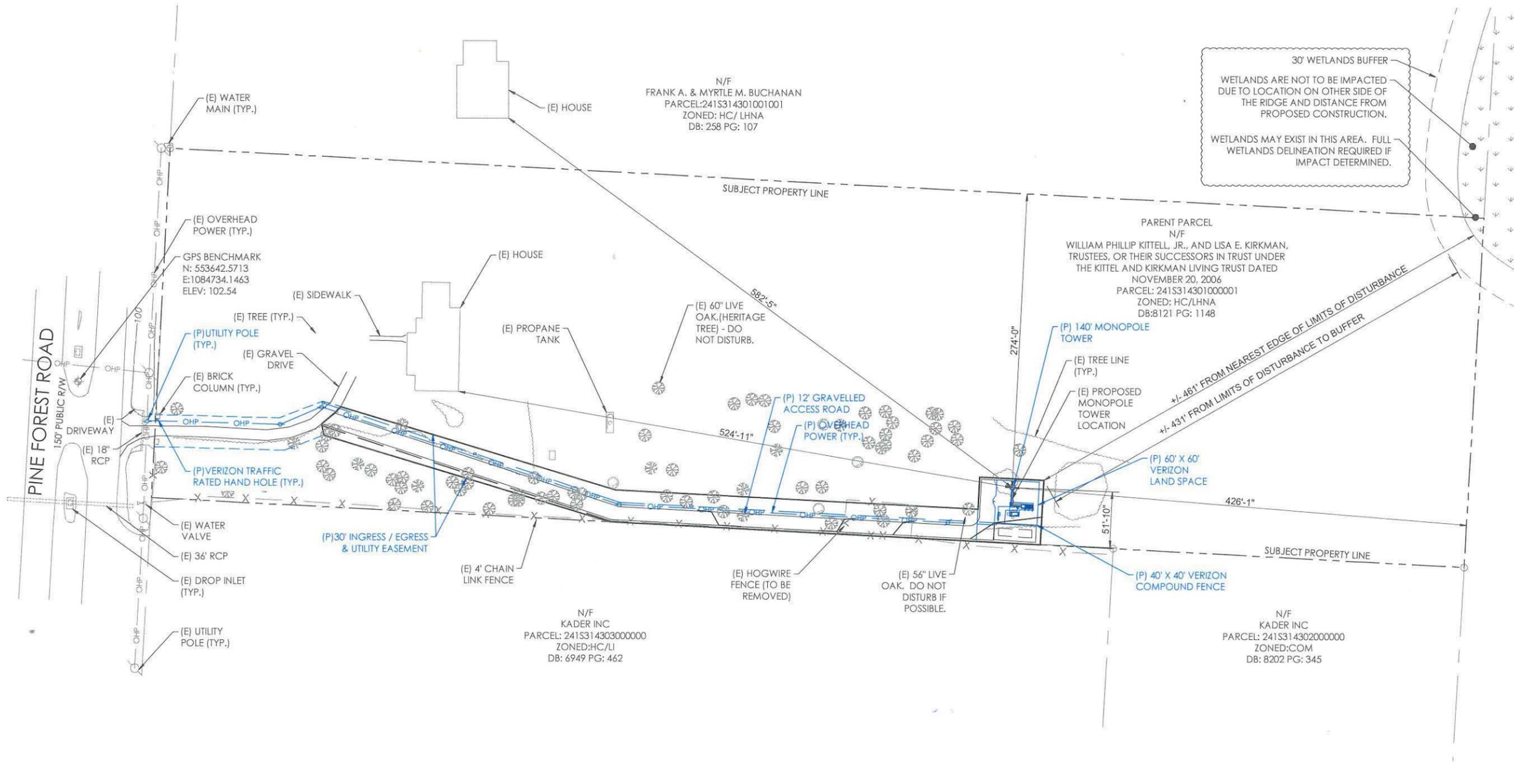


DUNAWAY

7038 PINE FOREST ROAD
PENSACOLA, FL 32526

LOCATION CODE:
279068

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5	03/26/21	ENVIRON. COMMENTS	DA
6	06/11/21	DRC COMMENTS	DA



30' WETLANDS BUFFER
 WETLANDS ARE NOT TO BE IMPACTED DUE TO LOCATION ON OTHER SIDE OF THE RIDGE AND DISTANCE FROM PROPOSED CONSTRUCTION.
 WETLANDS MAY EXIST IN THIS AREA. FULL WETLANDS DELINEATION REQUIRED IF IMPACT DETERMINED.

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.

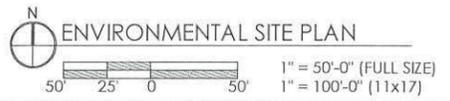


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ENVIRONMENTAL SITE PLAN

EV-1

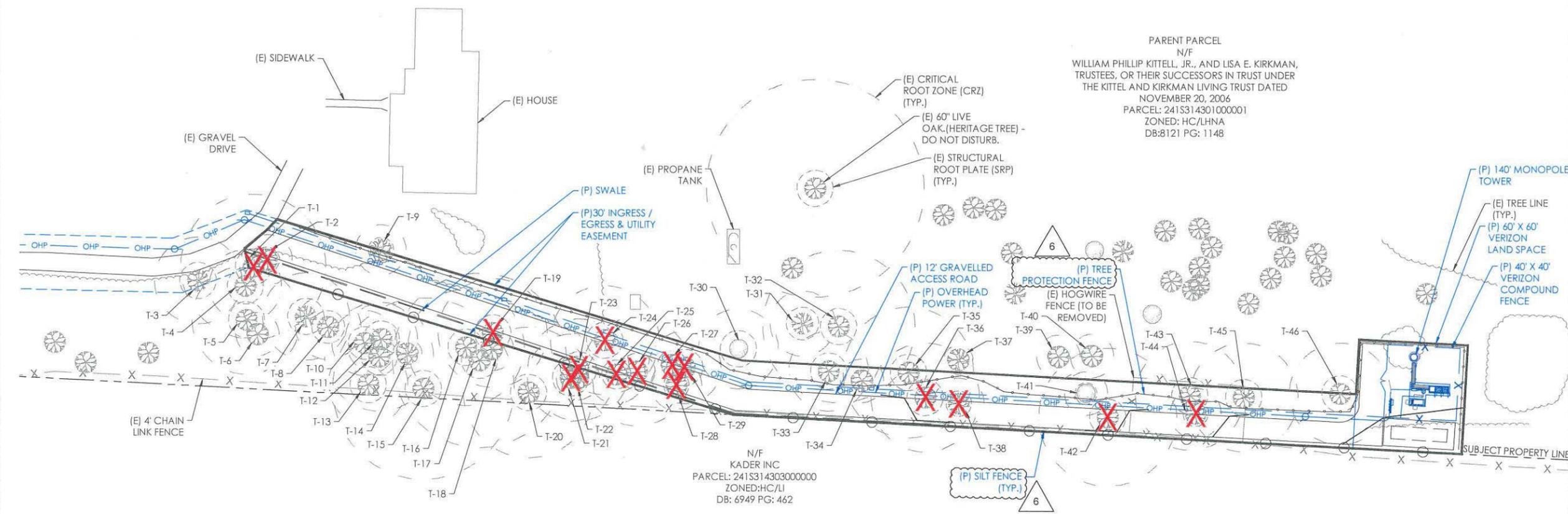


DUNAWAY

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7	06/24/21	DRC COMMENTS	DA



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 LABELLED 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.

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TREE PLAN

EV-2

NOTE: TREES LABELLED 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.

