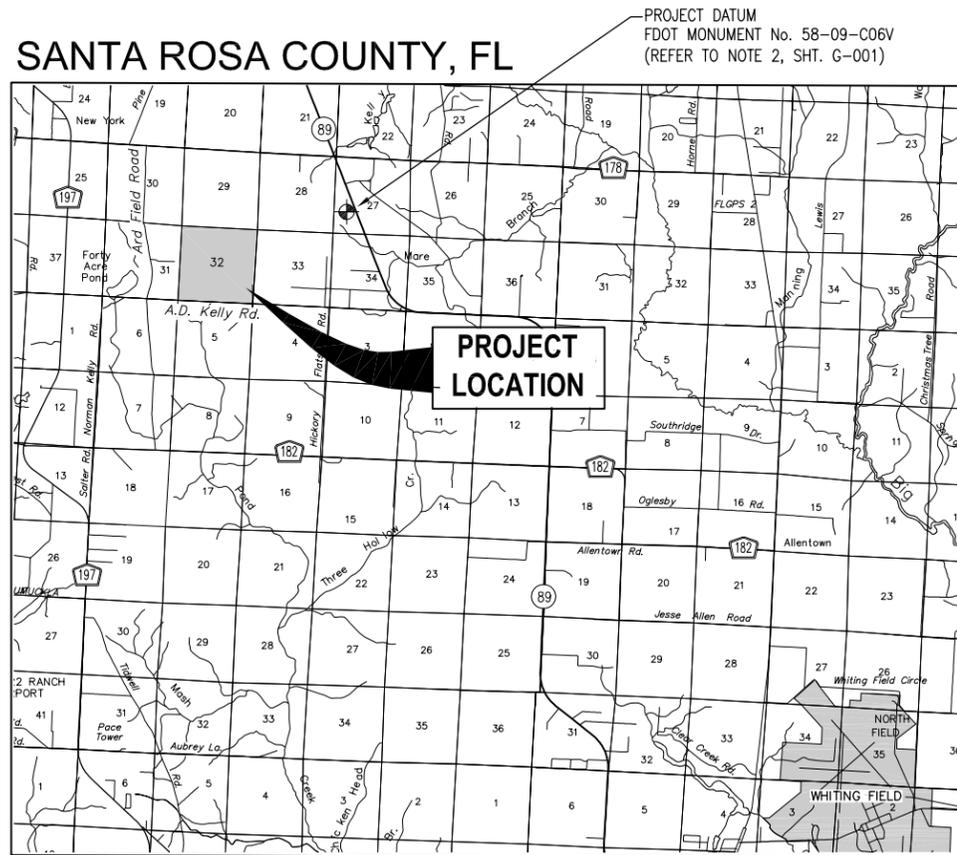


CONSTRUCTION PLANS FOR OLF-X PHASE I - EARTHWORK PD 12-13.065



VICINITY MAP
NOT TO SCALE



PREPARED FOR



ESCAMBIA COUNTY

BDI PROJECT No. 25898.04
MAY 2016

PREPARED BY

BASKERVILLE-DONOVAN, INC.
Innovative Infrastructure Solutions

449 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9661
ENGINEERING BUSINESS: EB-0000340

Pensacola - Panama City Beach - Melbourne - Tallahassee - Mobile

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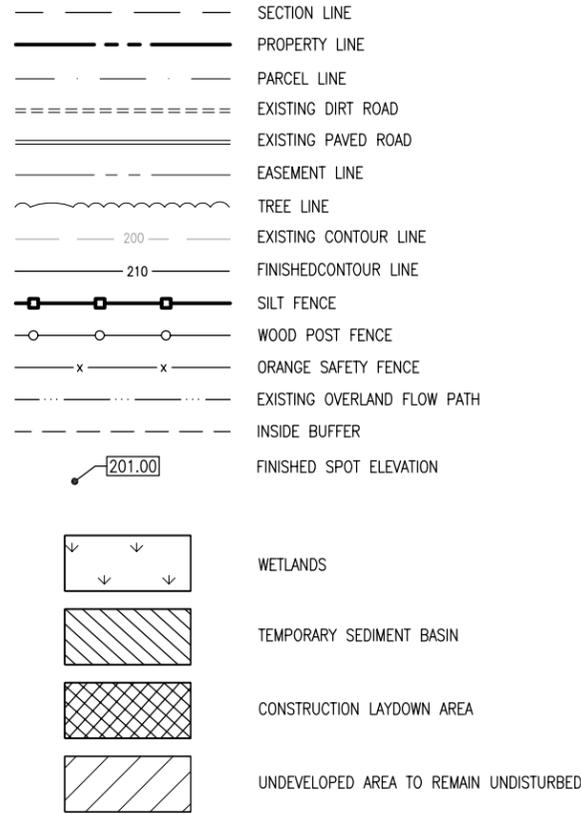
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C-901	CIVIL DETAILS
C-902	CIVIL DETAILS
C-903	CIVIL DETAILS

100% SUBMITTAL

GENERAL NOTES:

1. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING.
2. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION MONUMENT NO. 58-09-C06V, ELEVATION 196.11 FEET.
3. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES INCLUDING, BUT NOT LIMITED TO, WATER LINES, BURIED TELEPHONE LINES, BURIED ELECTRICAL LINES AND GAS MAINS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR IS TO COORDINATE WITH UTILITY COMPANIES FOR REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES, AERIAL LINES, BURIED CABLE AND OTHER UTILITIES.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS. THESE DRAWINGS REPRESENT KNOWN STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND, MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHOULD NOTIFY THE UTILITY, THEN THE ENGINEER, IMMEDIATELY UPON ENCOUNTERING ANY UNEXPECTED STRUCTURE, UTILITY LINE, OR OTHER UNUSUAL CONDITION. EXISTING CONDITIONS ARE BASED ON SURVEYS BY BASKERVILLE-DONOVAN, INC.
5. CONTRACTOR SHALL SAFETY-BARRICADE ALL EXCAVATIONS AND OTHER HAZARDS.
6. THE CONTRACTOR SHALL EMPLOY THE USE OF SILT FENCES, HAY BALES, DITCHES OR WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT ALL TIMES. WATERS OF THE STATE, ADJACENT PROPERTIES, AND ANY NEW DRAINAGE CONSTRUCTION SHALL BE PROTECTED DURING THE CONSTRUCTION PERIOD. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND SHALL REMAIN UNTIL THE COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER.
7. ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS, WATER COURSES AND OTHER UTILITIES OR NATURAL FEATURES ENCOUNTERED DURING CONSTRUCTION.
8. THE CONTRACTOR IS ADVISED THAT THE EXISTING TREES LOCATED IN THE NORTHWEST CORNER OF THE SITE ARE INTEGRAL TO THE AIRFIELD TRAINING COURSE AND THE "CAL ZONE" (CONFINED AREA LANDING ZONE). ANY WORK UNDER THIS CONTRACT IN THE VICINITY OF THIS ZONE SHALL BE IN ACCORDANCE WITH THE TREE PROTECTION ZONE SHOWN ON SHEET C-210 AND THE REQUIREMENTS SET FORTH IN THE PROJECT SPECIFICATIONS.
9. ANY TREES IDENTIFIED FOR REMOVAL DIRECTLY ADJACENT TO THE IDENTIFIED "CAL ZONE" SHALL BE FLAGGED IN ADVANCE, LOCATED AND SUBMITTED TO THE COUNTY'S AUTHORIZED REPRESENTATIVE FOR REVIEW AND APPROVAL. NO TREES SHALL BE REMOVED WITHOUT PRIOR WRITTEN APPROVAL.
10. THE CONTRACTOR IS TO REPLACE TO EXISTING CONDITIONS OR BETTER ANY FENCES, SPRINKLER SYSTEMS, TREES AND SHRUBS, MAINTAINED FLOWER BEDS, OR OTHER EXISTING IMPROVEMENTS IMPACTED DURING CONSTRUCTION, WHETHER DEPICTED IN THE PLANS OR NOT.
11. DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE COUNTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY OFF-SITE FACILITY OR IMPROVEMENT DAMAGED BY CONSTRUCTION UNDER THIS CONTRACT. DAMAGED FACILITIES SHALL BE RETURNED TO PRE-CONSTRUCTION CONDITION TO THE SATISFACTION OF THE COUNTY.
12. THE CONTRACTOR IS ADVISED THAT THE PROJECT SITE IS LOCATED IN SANTA ROSA COUNTY, FL. THE CONTRACTING AGENCY FOR ALL WORK INCLUDED HEREIN IS ESCAMBIA COUNTY, FL. UNLESS INDICATED OTHERWISE, THE TERM "COUNTY" REFERS TO ESCAMBIA COUNTY, FL., AND IT'S AUTHORIZED AGENT OR REPRESENTATIVE. REFER TO PROJECT SPECIFICATIONS FOR COMPLETE DEFINITIONS OF THE TERMS USED HEREIN.

LEGEND:



ABBREVIATIONS:

AC	ACRES
ACOE	ARMY CORP OF ENGINEERS
AG	AGRICULTURE
B	BORING
BM	BENCH MARK
CAL	CONFINED AREA LANDING
EL	ELEVATION
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FFE	FINISHED FLOOR ELEVATION
NVD	NIGHT VISION DEVICE
PLZ	PINNACLE LANDING ZONE
R/W	RIGHT OF WAY
TBM	TEMPORARY BENCH MARK
TYP	TYPICAL

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 Panama City Beach - Melbourne - Tallahassee - Mobile

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 P.E. Reg. Engineer #19463
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OLF-X
PHASE I-EARTHWORK
PD 12-13.065

PROJECT NO:	NO.	DATE	APPR.	REVISION/ACTION TAKEN
25898.04				
DESIGNED BY: WBW				
DRAWN BY: RGG				
CHK'D BY:				
PROJ. MGR: MDL				
DATE: MAY 2016				

GENERAL NOTES & LEGEND



PROJECT LOCATION MAP

NOT TO SCALE

PROPERTY DESCRIPTION

(AS PREPARED BY BASKERVILLE-DONOVAN, INC.)

COMMENCE AT THE SOUTHWEST CORNER OF SECTION 32, TOWNSHIP 4 NORTH, RANGE 29 WEST, SANTA ROSA COUNTY, FLORIDA; THENCE PROCEED NORTH 03 DEGREES 36 MINUTES 35 SECONDS EAST ALONG THE WEST LINE OF SAID SECTION 32 A DISTANCE OF 27.49 FEET TO A POINT ON THE NORTH LINE OF A 60 FOOT WIDE INGRESS/EGRESS EASEMENT AND BEING THE POINT OF BEGINNING; THENCE CONTINUE NORTH 03 DEGREES 36 MINUTES 35 SECONDS EAST ALONG THE WEST LINE OF SAID SECTION A DISTANCE OF 5148.00 FEET; THENCE DEPARTING SAID WEST LINE, PROCEED SOUTH 86 DEGREES 57 MINUTES 44 SECONDS EAST A DISTANCE OF 4934.66 FEET; THENCE PROCEED SOUTH 00 DEGREES 01 MINUTES 43 SECONDS WEST A DISTANCE OF 5142.00 FEET TO THE NORTH LINE OF THE AFORESAID 60 FOOT INGRESS/EGRESS EASEMENT; THENCE PROCEED NORTH 87 DEGREES 06 MINUTES 07 SECONDS WEST ALONG SAID NORTH LINE A DISTANCE OF 5256.00 FEET TO THE POINT OF BEGINNING.

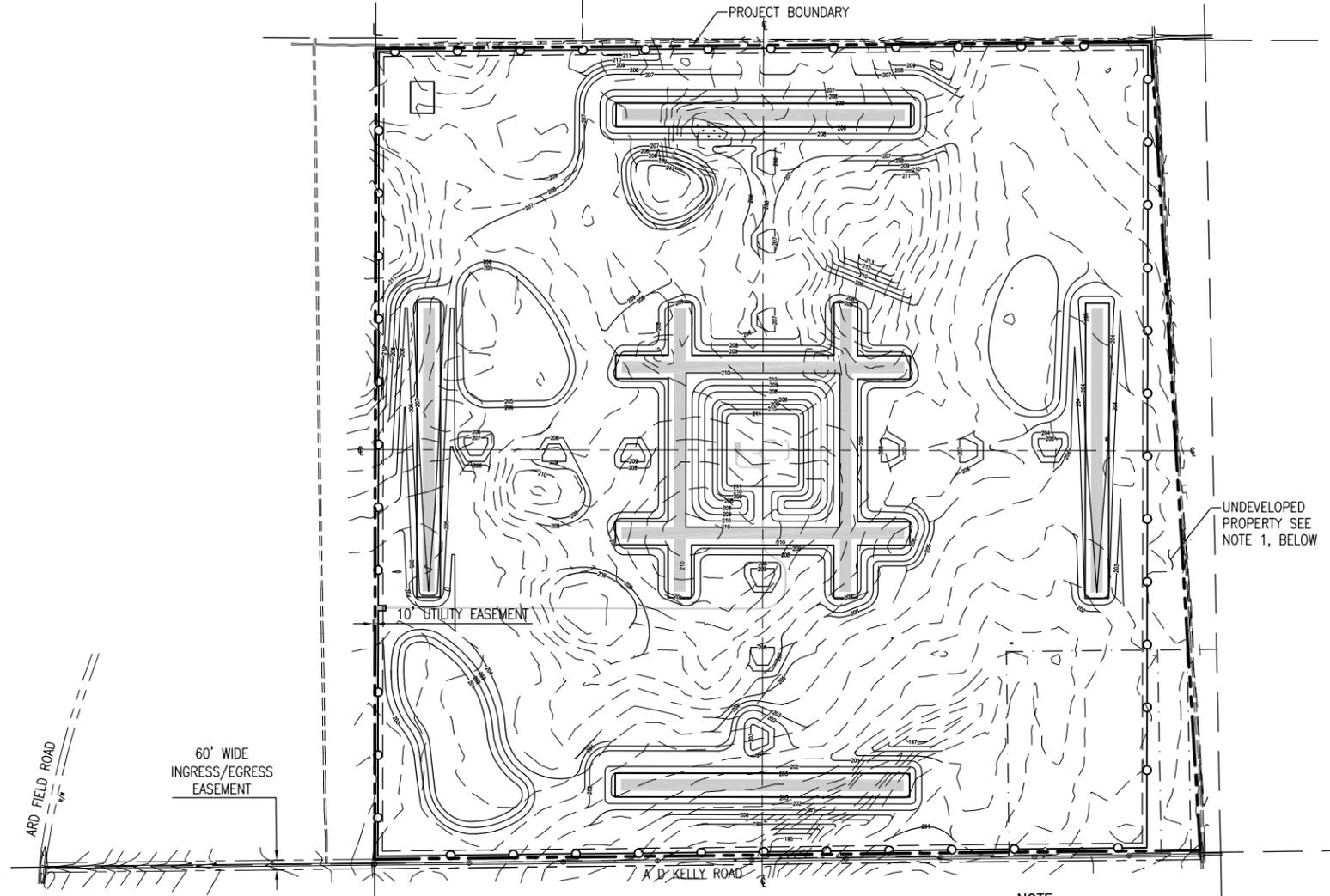
LYING IN AND BEING A PORTION OF SECTION 32, TOWNSHIP 4 NORTH, RANGE 29 WEST, SANTA ROSA COUNTY AND CONTAINING 601.41 ACRES MORE OR LESS.

DESCRIPTION - 60 FOOT WIDE PERPETUAL NON-EXCLUSIVE INGRESS/EGRESS EASEMENT

(AS PREPARED BY BASKERVILLE-DONOVAN, INC.)

COMMENCE AT THE SOUTHWEST CORNER OF SECTION 32, TOWNSHIP 4 NORTH, RANGE 29 WEST, SANTA ROSA COUNTY, FLORIDA; THENCE PROCEED NORTH 03 DEGREES 36 MINUTES 35 SECONDS EAST ALONG THE WEST LINE OF SAID SECTION 32 A DISTANCE OF 27.49 FEET TO A POINT ON THE NORTH LINE OF A 60 FOOT WIDE INGRESS/EGRESS EASEMENT, LYING 30 FEET NORTH OF THE CENTER LINE OF A D KELLY ROAD AND BEING THE POINT OF BEGINNING; THENCE DEPARTING THE WEST LINE OF SAID SECTION, PROCEED SOUTH 87 DEGREES 06 MINUTES 07 SECONDS EAST ALONG THE NORTH LINE OF SAID EASEMENT A DISTANCE OF 5256.00 FEET TO A POINT ON THE EAST LINE OF SAID EASEMENT; THENCE PROCEED SOUTH 02 DEGREES 53 MINUTES 53 SECONDS WEST ALONG SAID EAST LINE A DISTANCE OF 60.00 FEET TO A POINT ON THE SOUTH LINE OF SAID EASEMENT; THENCE PROCEED NORTH 87 DEGREES 06 MINUTES 07 SECONDS WEST ALONG SAID SOUTH LINE A DISTANCE OF 5255.89 FEET; THENCE PROCEED NORTH 87 DEGREES 05 MINUTES 40 SECONDS WEST ALONG SAID SOUTH LINE A DISTANCE OF 2098.37 FEET TO A POINT ON THE EAST RIGHT-OF-WAY LINE OF ARD FIELD ROAD (40' COUNTY MAINTAINED RIGHT-OF-WAY), SAID POINT BEING ON A CURVE CONCAVE EASTERLY AND HAVING A RADIUS OF 1955.00 FEET, A CENTRAL ANGLE OF 01 DEGREES 45 MINUTES 58 SECONDS AND A CHORD BEARING AND DISTANCE OF NORTH 08 DEGREES 16 MINUTES 27 SECONDS EAST, 60.26 FEET; THENCE PROCEED NORTHERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 60.26 FEET TO A POINT ON THE NORTH LINE OF SAID EASEMENT; THENCE PROCEED SOUTH 87 DEGREES 05 MINUTES 40 SECONDS EAST ALONG SAID NORTH LINE A DISTANCE OF 2092.62 FEET TO THE POINT OF BEGINNING.

LYING IN AND BEING A PORTION OF SECTIONS 31 AND 32, TOWNSHIP 4 NORTH, RANGE 29 WEST AND SECTIONS 5 AND 6, TOWNSHIP 3 NORTH, RANGE 29 WEST, SANTA ROSA COUNTY, FLORIDA AND CONTAINING 10.13 ACRES MORE OR LESS.



OVERALL PLAN

SCALE: 1" = 500' 0 250' 500' 1000'



NOTE:

1. THIS AREA SHALL REMAIN UNDISTURBED.

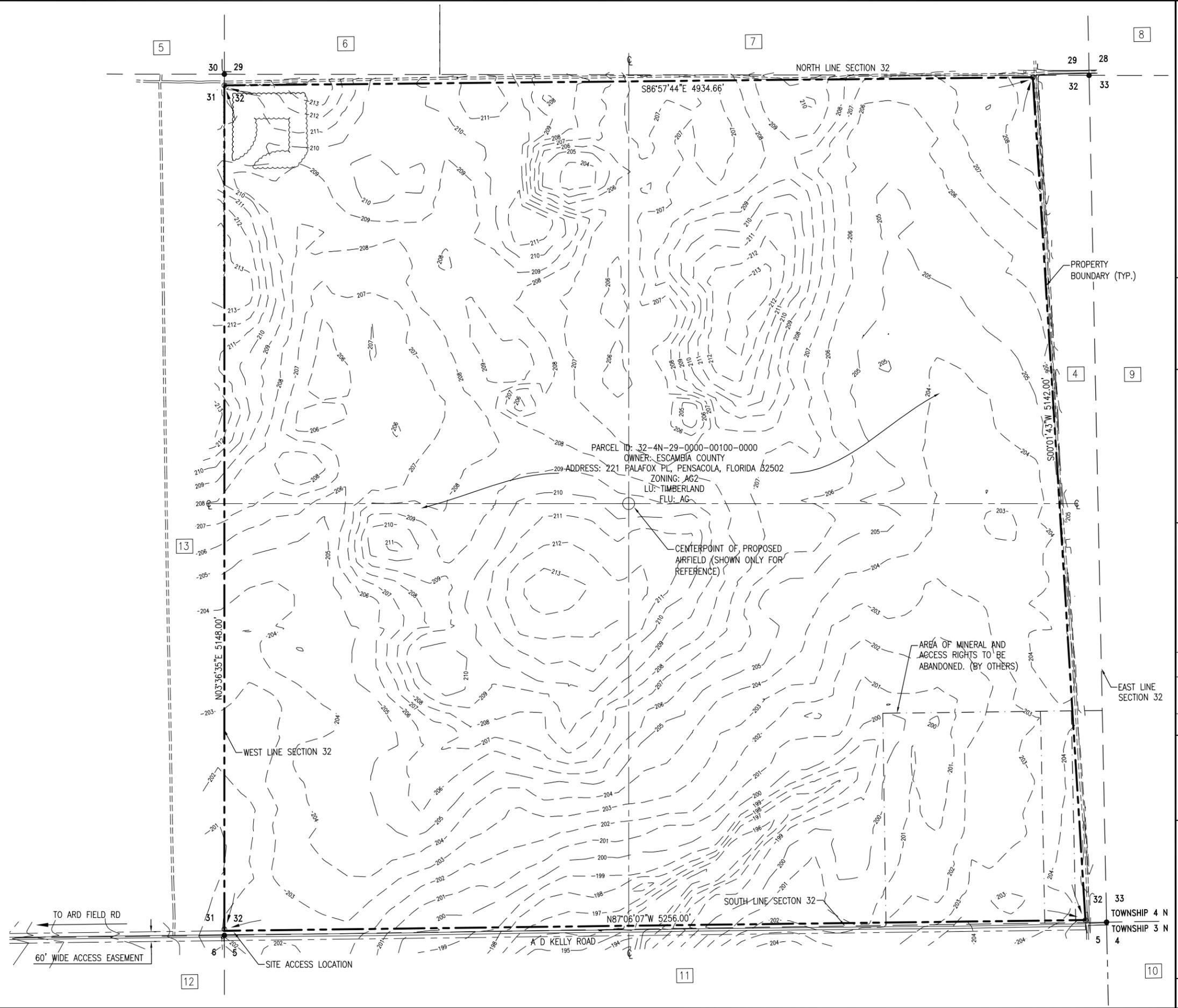
PROJECT NO:	NO.	DATE	APPR.	REVISION/ACTION TAKEN
25898.04				
DESIGNED BY: WBW				
DRAWN BY: RGC				
CHK'D BY:				
PROJ. MGR: MDL				
DATE: MAY 2016				



0 150' 300' 600'
SCALE: 1" = 300'

ADJACENT PARCEL DATA

- 4 PARCEL ID: 32-4N-29-0000-00101-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 5 PARCEL ID: 30-4N-29-0000-00600-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 6 PARCEL ID: 29-4N-29-0000-00500-0000
OWNER: STEWART WALTER L DDSPC PROFIT SHARING & TRUST
ADDRESS: 2085 GREENWOOD ST, LA GRANGE, GEORGIA 30240
ZONING: AG
LU: CROPLAND
FLU: AG
- 7 PARCEL ID: 29-4N-29-0000-00100-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 8 PARCEL ID: 28-4N-29-0000-00102-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 9 PARCEL ID: 33-4N-29-0000-00100-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 10 PARCEL ID: 4-3N-29-0000-00100-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 11 PARCEL ID: 5-3N-29-0000-00100-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 12 PARCEL ID: 6-3N-29-0000-00100-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG
- 13 PARCEL ID: 31-4N-29-0000-00100-0000
OWNER: RMS TIMBERLAND LLC
ADDRESS: 5605 WOODBINE RD, PACE, FLORIDA 32571
ZONING: AG2
LU: TIMBERLAND
FLU: AG



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MARK D. JUNGSTON, P.E.
FL. Reg. Engineer #19463

**OLF-X
PHASE I-EARTHWORK
PD 12-13.065**

PROJECT NO:	REVISION/ACTION TAKEN
25898.04	
DESIGNED BY: WBW	
DRAWN BY: RGC	
CHK'D BY: MDL	
PROJ. MGR: MDL	
DATE: MAY 2016	

PARCEL PLAN

TOWNSHIP 4 N
TOWNSHIP 3 N

G-003



0 150' 300' 600'
SCALE: 1" = 300'

FLOOD ZONE NOTES

THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED WITHIN THE FOLLOWING FLOOD ZONES AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW.

ZONE	NUMBER	PANEL	SUFFIX	DATE
X	120294	12113C	0160	DEC 19, 2006
X	120294	12113C	170	DEC 19, 2006

WETLAND NOTES AND IDENTIFICATION

ALL WETLANDS LOCATED IN THIS PLAN SET AND ASSOCIATED WITH THIS PROJECT ARE USACE/FDEP JURISDICTIONAL WETLANDS. WETLANDS WERE DELINEATED BY BOSSO, DENTZAU, AND IMHOF, INC. IN AUGUST 2014 USING THE ACOE 1987 WETLAND DELINEATIONS MANUAL METHODS.

WETLAND IMPACT SUMMARY:

ACOE WETLANDS = 0.49 AC
ACOE WETLAND IMPACTS = 0.49 AC
FDEP WETLANDS = 0.49 AC
FDEP WETLANDS IMPACTS = 0.49 AC

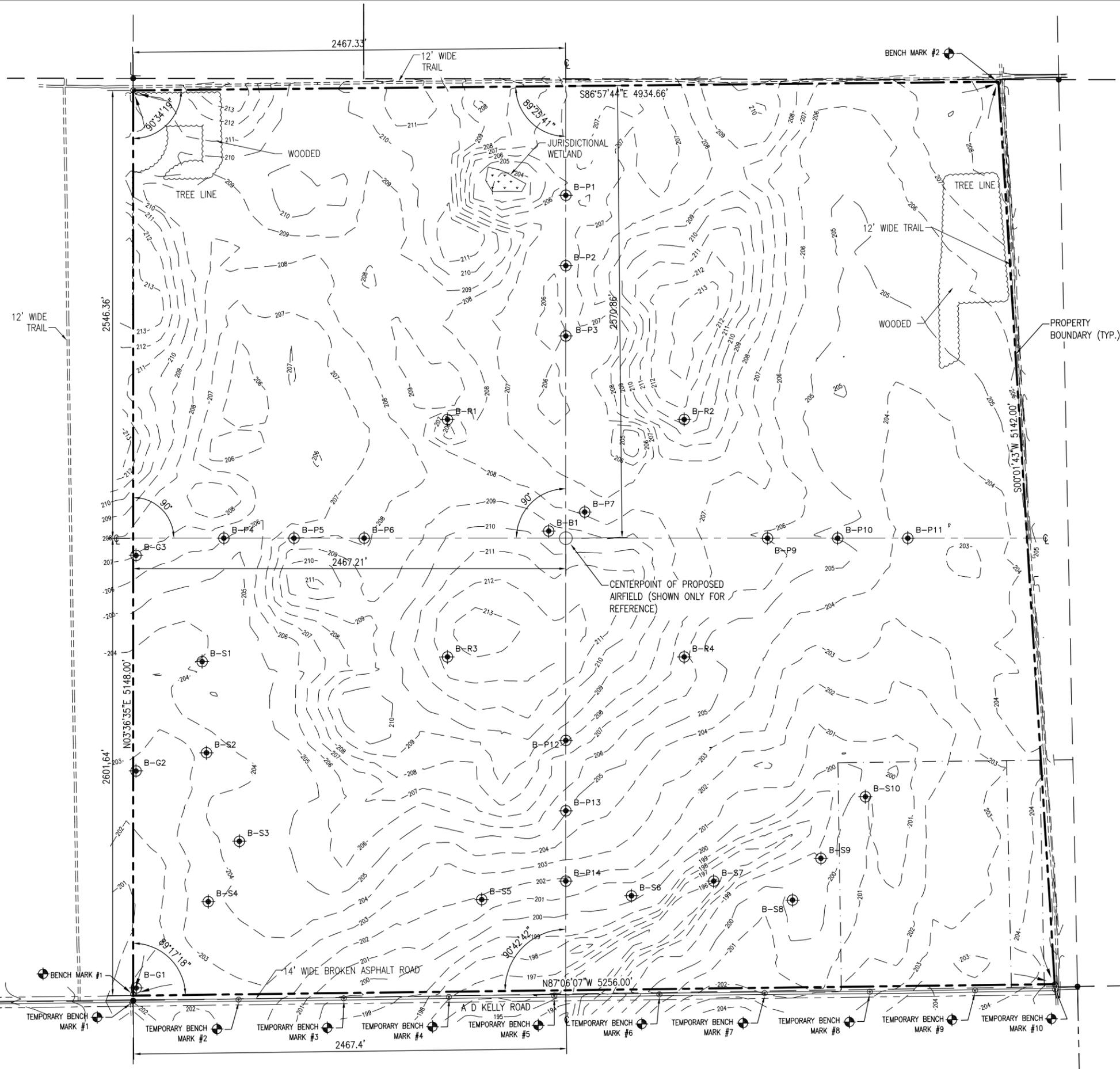
WETLAND MITIGATION REQUIRED = 0.0 AC

BENCH MARK SUMMARY

BM #1 SET ALLOY CAPPED IRON ROD NO. 0340 ELEVATION: 202.14	TBM #5 SET PK NAIL/DISK NO. 0340 ELEVATION: 195.35
BM #2 SET ALLOY CAPPED IRON ROD NO. 0340 ELEVATION: 209.49	TBM #6 SET PK NAIL/DISK NO. 0340 ELEVATION: 202.20
TBM #1 SET PK NAIL/DISK NO. 0340 ELEVATION: 202.17	TBM #7 SET PK NAIL/DISK NO. 0340 ELEVATION: 201.93
TBM #2 SET PK NAIL/DISK NO. 0340 ELEVATION: 202.61	TBM #8 SET PK NAIL/DISK NO. 0340 ELEVATION: 202.61
TBM #3 SET PK NAIL/DISK NO. 0340 ELEVATION: 199.70	TBM #9 SET PK NAIL/DISK NO. 0340 ELEVATION: 203.42
TBM #4 SET PK NAIL/DISK NO. 0340 ELEVATION: 197.08	TBM #10 SET PK NAIL/DISK NO. 0340 ELEVATION: 206.00

NOTES:

- NORTH AND THE SURVEY DATUM SHOWN HERON IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), TO PREVIOUS SURVEYS BY BASKERVILLE-DONOVAN, INC. AND OTHERS, DEEDS OF RECORD AND TO EXISTING FIELD MONUMENTATION.
- EXISTING CONDITIONS BASED ON A SITE SURVEY CONDUCTED BY BASKERVILLE-DONOVAN, INC. IN APRIL 2014. ELEMENTS SHOWN ON THIS SHEET REPRESENT CONDITIONS FOUND AT THE SITE AT THE TIME OF THE SURVEY AND DOES NOT REPRESENT CONDITIONS THAT MAY HAVE CHANGED SINCE THE TIME OF THE SURVEY.
- WOODED AREAS SHOWN ON THIS PLAN ARE REPRESENTATIVE OF THE MATURE TIMBER CURRENTLY ON THE SITE. A MAJORITY OF THE MATURE TIMBER WAS REMOVED FROM THE SITE IN EARLY 2015. THE SITE HAS HISTORICALLY BEEN UTILIZED FOR SILVICULTURE. AS A RESULT, AREAS FREE OF MATURE TIMBER MAY POSSESS NEWLY PLANTED PINES AND STUMPS FROM PREVIOUS TIMBER REMOVAL ACTIVITIES.
- SEE GEOTECHNICAL REPORT FOR SPECIFIC INFORMATION REGARDING BORINGS SHOWN ON THIS PLAN.



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FL. Reg. Engineer #19463

OLF-X
PHASE I-EARTHWORK
PD 12-13.065

NO.	DATE	APPR.	REVISION/ACTION TAKEN

PROJECT NO:	25898.04
DESIGNED BY:	WBW
DRAWN BY:	RCG
CHK'D BY:	MOL
PROJ. MGR:	MOL
DATE:	MAY 2016

EXISTING
CONDITIONS

C-100

DEMOLITION AND EROSION CONTROL NOTES

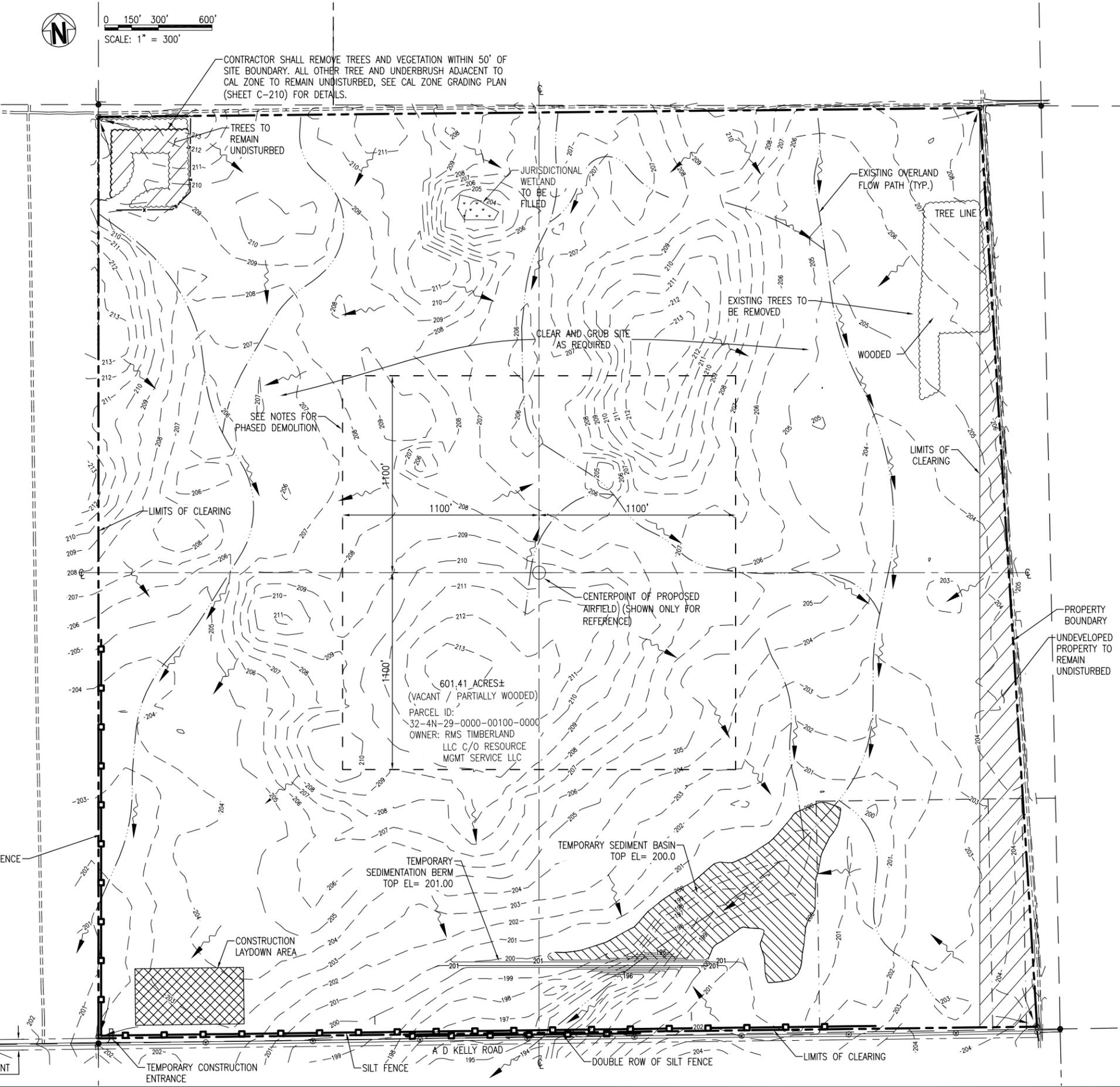
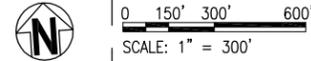
- AIRFIELD SITE MUST BE CLEARED OF ALL STUMPS, ROOTS AND OTHER IMPEDIMENTS WITHIN 6 INCHES BELOW PROPOSED GRADE.
- DISTURBED AND NON-STABILIZED AREAS SHALL BE WATERED REGULARLY TO PREVENT DUST.
- THE CONTRACTOR SHALL EMPLOY THE USE OF SILT FENCES, HAY BALES, DITCHES OR WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT ALL TIMES. WATERS OF THE STATE, ADJACENT PROPERTIES, AND ANY NEW DRAINAGE CONSTRUCTION SHALL BE PROTECTED DURING THE CONSTRUCTION PERIOD. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND SHALL REMAIN UNTIL THE COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER.
- EROSION CONTROL SHOWN IS CONSIDERED THE MINIMUM NECESSARY MEASURES. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES OUTLINED IN THE FLORIDA DEVELOPMENT MANUAL AND THE FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTORS MANUAL (LATEST EDITION) TO MINIMIZE EROSION AND ENSURE SEDIMENT AND DUST DOES NOT LEAVE THE SITE.
- EXCEPT FOR EXPLOSIVE MATERIALS, CONTRACTOR SHALL USE BY ANY MEANS NECESSARY TO REMOVE STUMPS. REMOVE THE STUMPS AND ROOTS TOGETHER. DO NOT REMOVE THE STUMPS WITHOUT THE ROOTS. UPON COMPLETION OF CLEARING AND GRUBBING ACTIVITIES, THE PROPERTY SHALL BE COMPLETELY FREE OF DEBRIS AND READY FOR THE REQUIRED GRADING AND GRASS PLANTING.
- BURNING OF ORGANIC DEBRIS SHALL BE PERMITTED UPON PERMISSION OF LOCAL AUTHORITIES.

PHASED DEMOLITION NOTES

- CONTRACTOR IS REQUIRED TO SUBMIT A PHASED DEMOLITION PLAN AND SCHEDULE TO THE ENGINEER. THE PURPOSE OF THE PHASED DEMOLITION PLAN IS TO ALLOW MULTIPLE CONTRACTORS TO WORK ON THE SITE IN PARALLEL. AN AIRFIELD CONTRACTOR (PHASE 2 - SITWORK) IS EXPECTED TO BEGIN WORK ON THE SITE 6-8 MONTHS AFTER THE PHASE 1 - EARTHWORK NOTICE TO PROCEED IS ISSUED.
- DEMOLITION IS REQUIRED TO BEGIN IN THE CENTRAL PORTION OF THE SITE, AS ILLUSTRATED ON THIS PLAN SET. DEMOLITION OF THE 2200' SQUARE AREA, CENTERED ON THE PROPOSED AIRFIELD CENTERPOINT, MUST BE COMPLETED PRIOR TO MOVING TO A DIFFERENT AREA OF THE SITE.
- WRITTEN AUTHORIZATION IS REQUIRED BY THE ENGINEER PRIOR TO MOVEMENT FROM A COMPLETED PORTION OF THE SITE TO A DIFFERENT AREA.
- IT IS HIGHLY RECOMMENDED THE CONTRACTOR WORK FROM NORTH-TO-SOUTH ACROSS THE SITE TO REDUCE THE POTENTIAL OF OFFSITE EROSION AND SEDIMENTATION UPON COMPLETION OF THE CENTRAL DEMOLITION AREA.
- AS REQUIRED, THE CONTRACTOR SHALL USE THE CENTRAL 1000' SQUARE AREA AS A STOCKPILE AREA FOR SUITABLE FILL MATERIAL THROUGHOUT CONSTRUCTION. HOWEVER, EXACT PLACEMENT OF THE STOCK PILE AREA WITHIN THIS CENTRAL REGION MAY REQUIRE COORDINATION WITH THE PHASE 2 - SITWORK CONTRACTOR ONCE THEY ARE AUTHORIZED TO BEGIN WORK BY THE COUNTY. CONTRACTOR SHALL USE BMP'S, AS REQUIRED, AROUND THE STOCKPILE MATERIAL TO PREVENT EROSION AND SEDIMENTATION.

TREE PROTECTION NOTES

- TREES SHOWN ON THE NORTHWEST CORNER DEMO PLAN DELINEATE PROPOSED CONFINED AREA LANDING (CAL) TRAINING ZONES AND SHALL BE PROTECTED AT ALL TIMES. NOTE: THIS STAND OF TIMBER COMPRISES AN ACTIVITY POINT ON THE PROPOSED NAVAL TRAINING OUTLYING FIELD. AS SUCH, THE CONTRACTOR SHALL PROTECT THESE TREES AND ASSOCIATED UNDERBRUSH AT ALL COST DURING CONSTRUCTION. INSTALL TEMPORARY ORANGE SAFETY FENCE, OR EQUIVALENT, ALONG OUTER PERIMETER OF THIS TREE STAND AS SHOWN TO IDENTIFY THEM AS A PROTECTION ZONE.



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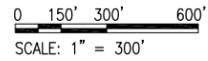
OLF-X
PHASE I-EARTHWORK
PD 12-13.065

PROJECT NO:	DESIGNED BY:	DRAWN BY:	CHK'D BY:	PROJ. MGR:	DATE:
25898.04	MDL	RCG	MDL	MDL	MAY 2016

NO.	DATE	APPR.	REVISION/ACTION TAKEN

DEMOLITION AND EROSION CONTROL PLAN

C-101



GRADING NOTES

1. SEE ENLARGEMENT SHEETS, C-200 SERIES, FOR MORE DETAIL REGARDING SPECIFIC GRADING REQUIREMENTS.
2. ALL DISTURBED AREAS NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER, AND MULCH, HYDROSEED AND/OR SOD.
3. 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 STORMWATER MANAGEMENT AREAS FROM BLINDING DUE TO SEDIMENTS.

GRASSING NOTES

THIS IS A PERFORMANCE SPECIFICATION: THE GOAL IS TO PROVIDE A FULL TURF FOR THE OWNER'S USE IN THE SHORTEST PRACTICAL TIME. THE PROJECT CANNOT BE USED AS INTENDED WITHOUT A FULL COVERAGE OF GRASS. ALL DISTURBED AREAS ARE TO BE GRASSED OR SODDED, AS SHOWN ON THIS SHEET.

THE GRASSING CONTRACTOR SHALL:

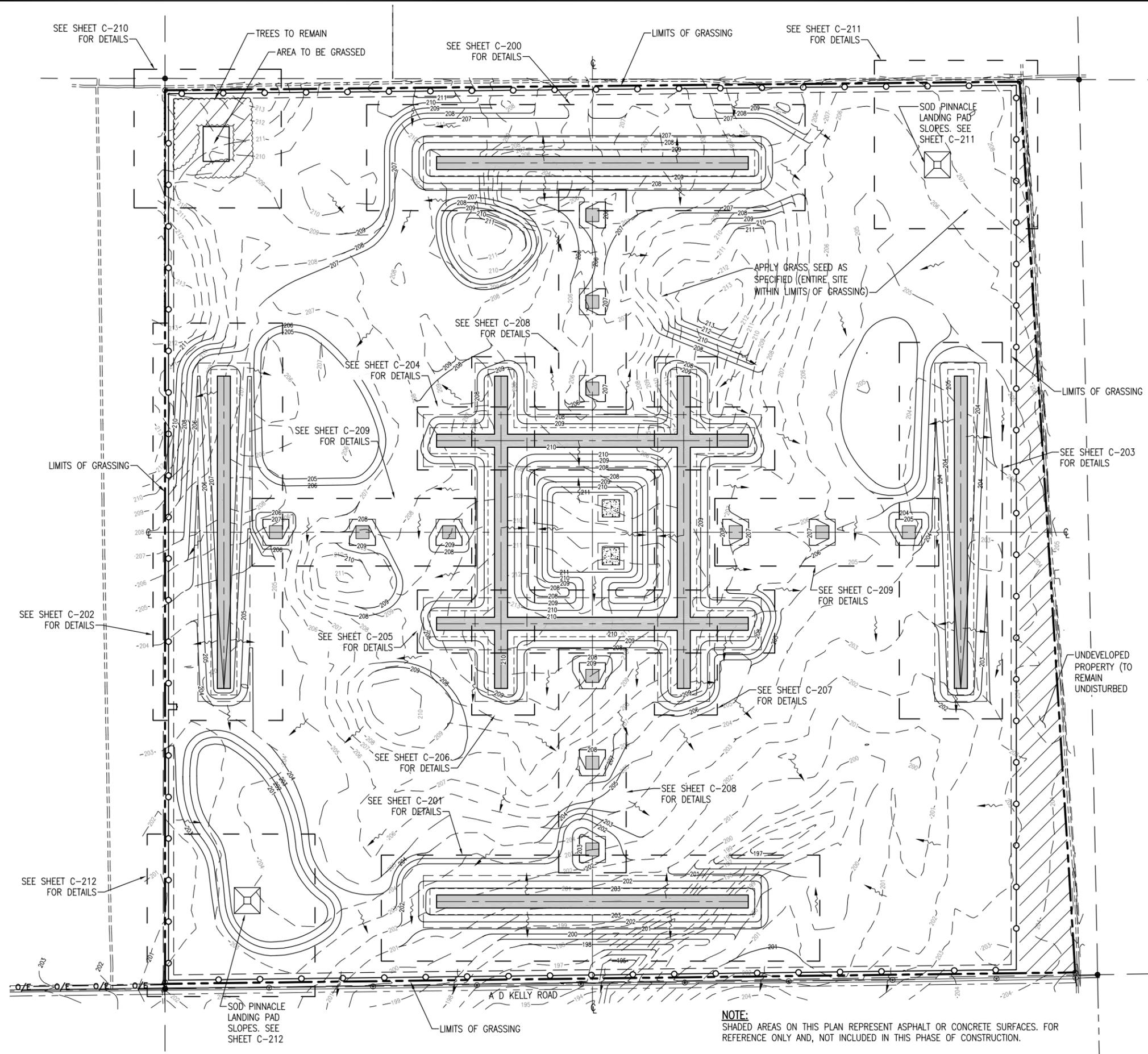
1. SHOW EXPERIENCE IN SUCCESSFULLY GRASSING LARGE AREAS SUCH AS AIRFIELDS, PARKS, GOLF COURSES, AND PASTURES OVER A PERIOD OF AT LEAST 5 YEARS. FIVE REFERENCES ARE REQUIRED.
2. INSTALL VIABLE GRASS SEED OVER THE SPECIFIED AREA WITH ANY EQUIPMENT DEEMED AS A SATISFACTORY METHOD FOR PLANTING GRASS SEED. USE THE UNIVERSITY OF FLORIDA IFAS GUIDELINE FOR ESTABLISHMENT OF BAHIAGRASS -SS-AGR-332 AND SS-AG-334 AND SS-AGR-263 AS A MINIMUM GUIDELINE.
3. MAINTAIN THE SITE UNTIL A VIABLE TURF HAS BEEN ESTABLISHED. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: REGRASSING, FERTILIZING -INCLUDING ANY MICRONUTRIENTS NEEDED TO ESTABLISH THE TURF, WEEDING -BY HAND WORK OR CHEMICAL SPRAYING, MOWING, REPAIRS DUE TO EROSION OR ANY OTHER DAMAGE TO THE GRASSED AREAS, AND SPAYING OF PESTICIDES AS NEEDED FOR TURF ESTABLISHMENT.
4. THE TERM OF WORK FOR THE ESTABLISHMENT OF A TURF LISTED IN NO. 3 ABOVE SHALL BEGIN WHEN THE INITIAL GRASSING IS INSTALLED, AND WILL BE CONSIDERED COMPLETE WHEN A VIABLE TURF IS ACCEPTED BY THE OWNER, BUT IN NO CASE SHALL THE TERM BE FOR LESS THAN 12 MONTHS.
5. A VIABLE TURF SHALL BE DEFINED AS COVERAGE OF A PERMANENT BAHIAGRASS WHERE NO BARE SPOTS GREATER THAN 12-INCHES IN DIAMETER ARE FOUND, AND 85% OF ALL AREAS ARE COVERED WITHOUT ANY BARE SPOTS.
6. TIME IS CRITICAL: IF THE CONTRACTOR FAILS TO PROVIDE SERVICE TO THE PROJECT AFTER TWO NOTICES WITHIN A 10 DAY PERIOD, THE OWNER RESERVES THE RIGHT TO HIRE A SECOND GRASSING CONTRACTOR TO TAKE OVER THE PROJECT. COSTS FOR THE SECOND CONTRACTOR WILL BE DEDUCTED FROM THE ORIGINAL CONTRACT AMOUNT OF THE FIRST CONTRACTOR.

BASIS FOR BID:

- A. 60 LBS. OF LIVE SEED PER ACRE OF ARGENTINE BAHIAGRASS
 - B. 2 TONS OF DOLOMITE PER ACRE
 - C. 60 LBS. PER ACRE OF NITROGEN, 15 LBS. PER ACRE OF PHOSPHORUS, 30 LBS. PER ACRE OF POTASH -INITIAL APPLICATION
 - D. 30 UNITS OF NITROGEN WITHIN 60 DAYS OF INITIAL APPLICATION
 - E. 1/2" STRAW MULCH OVER THE ENTIRE GRASSED SITE
 - F. IF PLANTING OCCURS BETWEEN OCTOBER AND APRIL, INCLUDE A COVER CROP OF ANNUAL RYEGRASS AT A RATE OF 30 LBS. PER ACRE
7. CONTRACTOR SHALL TAKE SOIL SAMPLES AND PROVIDE A REPORT VERIFYING FERTILIZER AND SOIL AMENDMENT NEEDS FROM A LABORATORY CAPABLE OF PERFORMING SOIL ANALYSES SPECIFICALLY FOR AGRICULTURAL AND GRASSING PURPOSES.

RECOMMENDED:
 WATERS AGRICULTURAL LABORATORIES, INC.
 P.O. BOX 382
 257 NEWTON HIGHWAY
 CAMILLA, GA 31730-0382 (229) 336-7216
 GENERAL E-MAIL - info@watersag.com

8. DO NOT BEGIN GRASSING UNTIL ALL PINE TREE ROOTS HAVE BEEN REMOVED FROM THE SITE AND THE SEED BED IS SMOOTHLY GRADED. VERIFY WITH THE ENGINEER BEFORE GRASSING OPERATIONS CAN BEGIN.



NOTE:
 SHADED AREAS ON THIS PLAN REPRESENT ASPHALT OR CONCRETE SURFACES. FOR REFERENCE ONLY AND, NOT INCLUDED IN THIS PHASE OF CONSTRUCTION.

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BASKERVILLE-DONOVAN, INC.
 Innovative Infrastructure Solutions
 448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9861
 ENGINEERING BUSINESS: EB-0000340
 Pensacola - Panama City Beach - Melbourne - Tallahassee - Mobile
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WALTER D. JUNGSTON, P.E.
 FL. Reg. Engineer #19463

OLF-X
PHASE I-EARTHWORK
PD 12-13.065

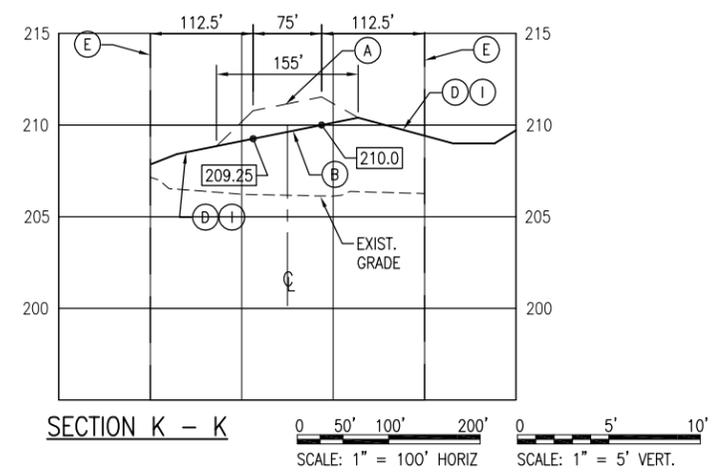
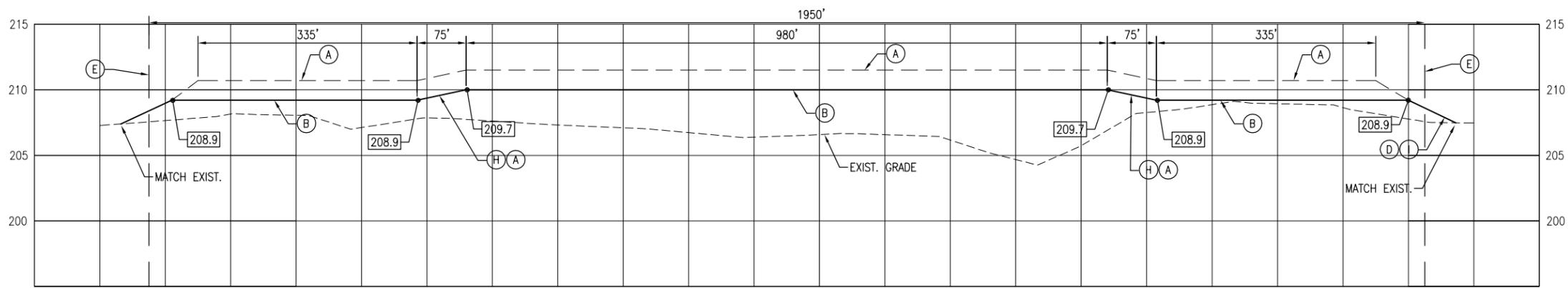
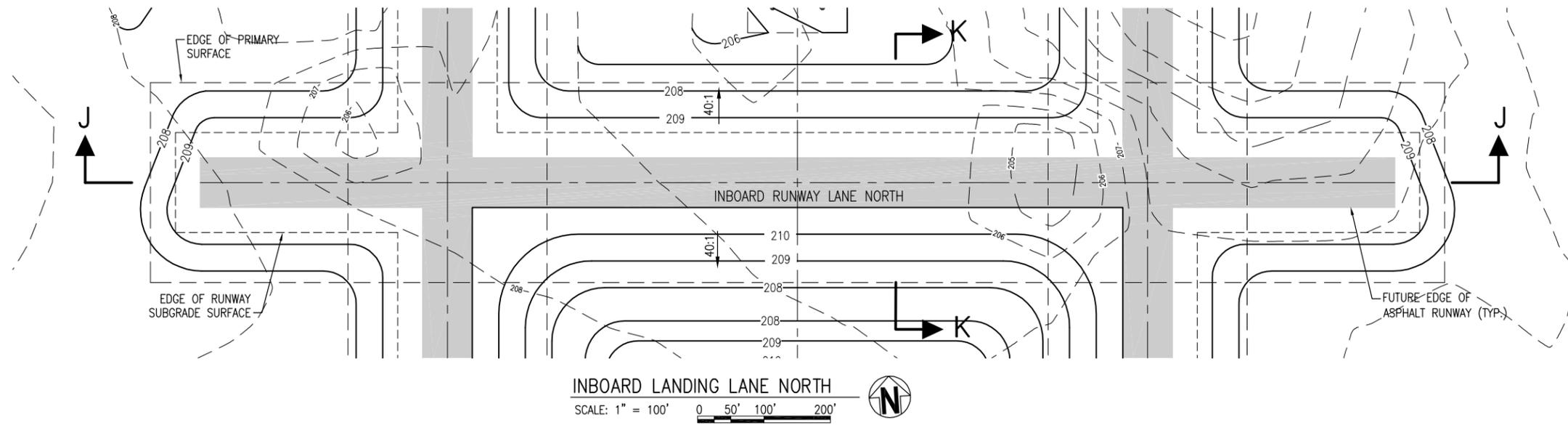
PROJECT NO.	DESIGNED BY	DRAWN BY	CHK'D BY	PROJ. MGR.	DATE
25898.04	WBW	RCG	MOL	MOL	MAY 2016

NO.	DATE	APPR.	REVISION/ACTION TAKEN

GRADING AND GRASSING PLAN

C-120

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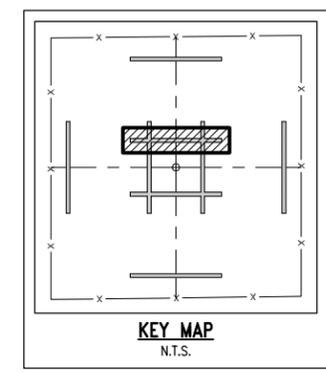
NOTES:

- THIS ENLARGEMENT IS INTENDED TO DETAIL SPECIFIC GRADING AND DRAINAGE PATTERNS AROUND THE OUTBOARD LANDING LANE NORTH.
- CONTRACTOR IS REQUIRED TO GRADE RUNWAYS TO THE TOP OF THE RUNWAY SUBGRADE SURFACE, WHICH IS DEPICTED BY THE SOLID LINE THE THE SECTIONS SHOWN ON THIS SHEET. THE FINAL GRADING FOR THE FUTURE RUNWAYS, WHICH IS DEPICTED BY DASHED LINES ON THE SECTIONS IS SHOWN FOR REFERENCE ONLY. THE FUTURE RUNWAY SURFACE, SHOWN IN SOLID GRAY IN THE PLAN VIEW ENLARGEMENT IS ALSO SHOWN FOR REFERENCE ONLY.
- LISTED BELOW ARE THE ACCEPTABLE RANGE OF SLOPES FOR EACH SITE ELEMENT AS OUTLINED IN UFC DESIGN MANUAL 3-260-01 (LATEST EDITION). THE CONTRACTOR MUST MEET ALL GRADING CRITERIA LISTED BELOW AND RELEVANT GRADING CRITERIA IN UFC 3-260-01 NOT LISTED BELOW FOR FINAL ACCEPTANCE.

- GRADING CRITERIA:**
- *RUNWAY LONGITUDINAL SLOPE: 1.0% (MAX.)
 - *RUNWAY CROSS SLOPE: 1.0% - 1.5%
 - *PRIMARY SURFACE SLOPE: 2.0% - 5.0% (ANY DIRECTION)
 - *CLEAR ZONE SURFACE SLOPE: 5.0% (MAX.)

KEYNOTES:

- (A) FUTURE RUNWAY TOP SURFACE (N.I.C.) PHASE 2
- (B) TOP OF RUNWAY SUBGRADE SURFACE (N.I.C.) PHASE 2
- (C) FUTURE HELIPAD TOP SURFACE
- (D) PRIMARY SURFACE GRADE
- (E) EDGE OF PRIMARY SURFACE GRADE
- (F) CLEAR ZONE SURFACE
- (G) 100:1 (1.0%)
- (H) 75:1 (1.3%)
- (I) 40:1 (2.5%)
- (J) 30:1 (3.3%)



BASKERVILLE-DONOVAN, INC.
Innovative Infrastructure Solutions
448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9881
ENGINEERING BUSINESS: EB-0000340
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WALTER D. LINSTON, P.E.
Fl. Reg. Engineer #19463

OLF-X
PHASE I-EARTHWORK
PD 12-13.065

NO.	DATE	APPR.	REVISION/ACTION TAKEN

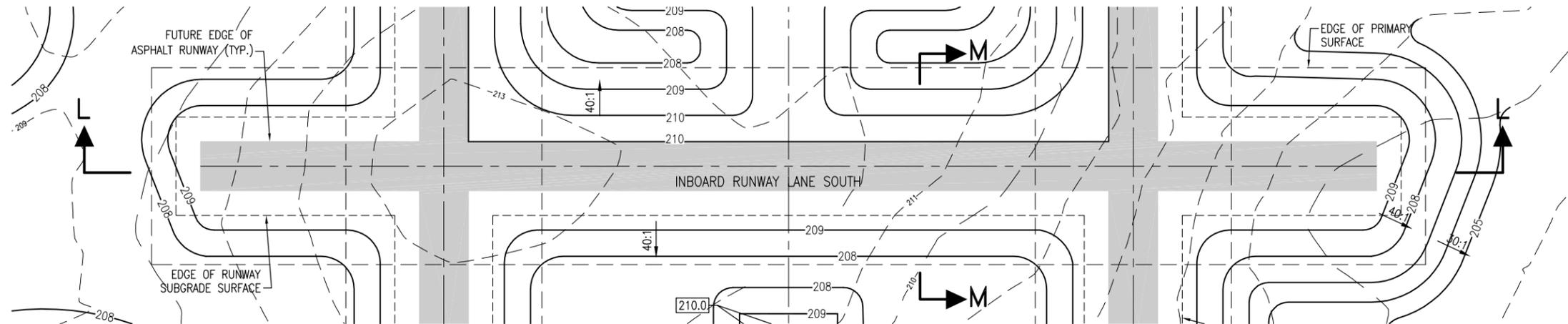
PROJECT NO: 25898.04
DESIGNED BY: WBW
DRAWN BY: RGC
CHK'D BY: MDL
PROJ. MGR: MDL
DATE: MAY 2016

INBOARD LANDING LANE ENLARGEMENT: NORTH RUNWAY

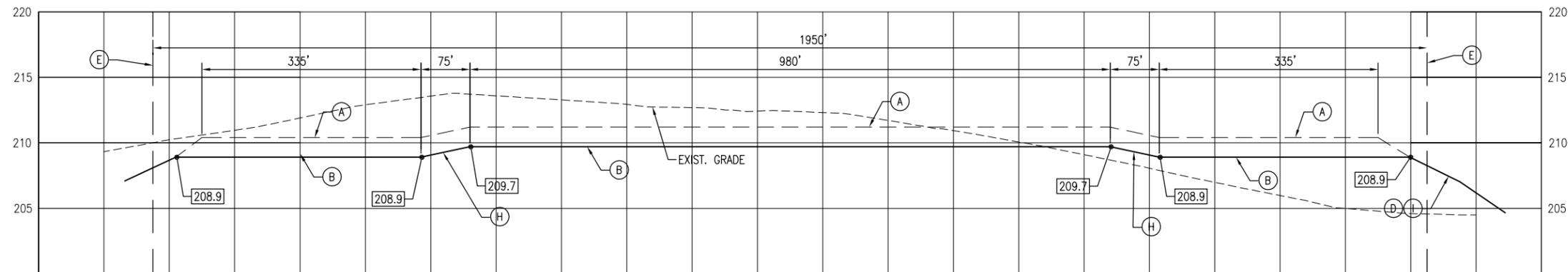
NOT RELEASED FOR CONSTRUCTION BY DATE

C-204

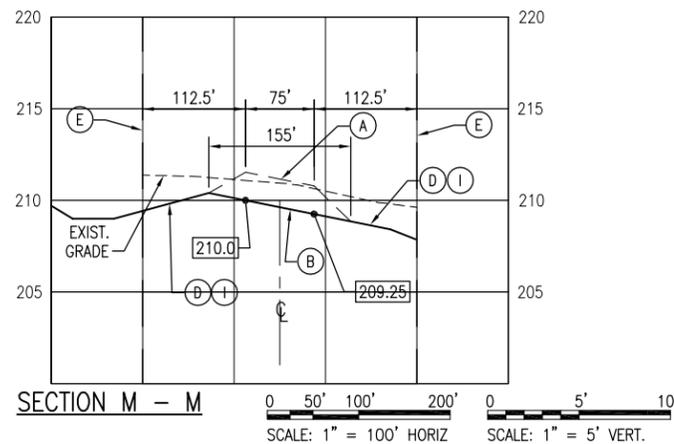
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INBOARD LANDING LANE SOUTH
 SCALE: 1" = 100' 0 50' 100' 200'



SECTION L - L
 SCALE: 1" = 100' HORIZ 0 50' 100' 200' 0 5' 10'
 SCALE: 1" = 5' VERT.



SECTION M - M
 SCALE: 1" = 100' HORIZ 0 50' 100' 200' 0 5' 10'
 SCALE: 1" = 5' VERT.

NOTES:

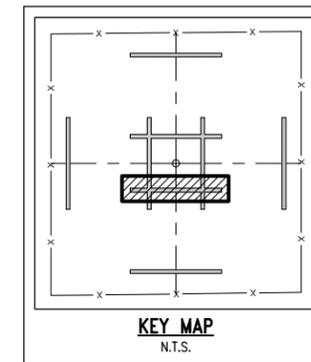
1. THIS ENLARGEMENT IS INTENDED TO DETAIL SPECIFIC GRADING AND DRAINAGE PATTERNS AROUND THE OUTBOARD LANDING LANE NORTH.
2. CONTRACTOR IS REQUIRED TO GRADE RUNWAYS TO THE TOP OF THE RUNWAY SUBGRADE SURFACE, WHICH IS DEPICTED BY THE SOLID LINE THE THE SECTIONS SHOWN ON THIS SHEET. THE FINAL GRADING FOR THE FUTURE RUNWAYS, WHICH IS DEPICTED BY DASHED LINES ON THE SECTIONS IS SHOWN FOR REFERENCE ONLY. THE FUTURE RUNWAY SURFACE, SHOWN IN SOLID GRAY IN THE PLAN VIEW ENLARGEMENT IS ALSO SHOWN FOR REFERENCE ONLY.
3. LISTED BELOW ARE THE ACCEPTABLE RANGE OF SLOPES FOR EACH SITE ELEMENT AS OUTLINED IN UFC DESIGN MANUAL 3-260-01 (LATEST EDITION). THE CONTRACTOR MUST MEET ALL GRADING CRITERIA LISTED BELOW AND RELEVANT GRADING CRITERIA IN UFC 3-260-01 NOT LISTED BELOW FOR FINAL ACCEPTANCE.

GRADING CRITERIA:

- *RUNWAY LONGITUDINAL SLOPE: 1.0% (MAX.)
- *RUNWAY CROSS SLOPE: 1.0% - 1.5%
- *PRIMARY SURFACE SLOPE: 2.0% - 5.0% (ANY DIRECTION)
- *CLEAR ZONE SURFACE SLOPE: 5.0% (MAX.)

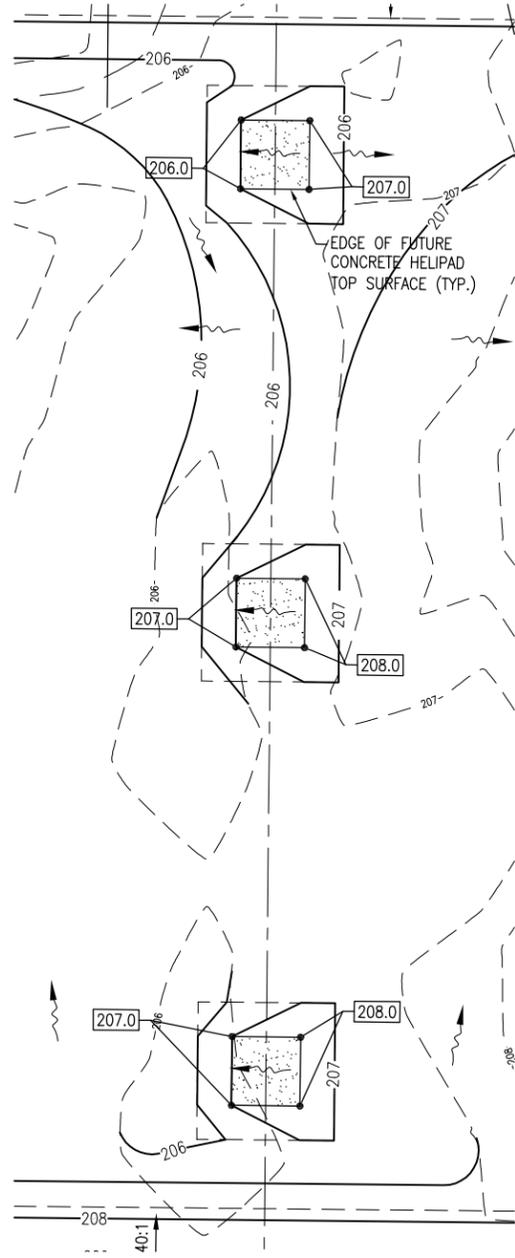
KEYNOTES:

- (A) FUTURE RUNWAY TOP SURFACE (N.I.C.) PHASE 2
- (B) TOP OF RUNWAY SUBGRADE SURFACE (N.I.C.) PHASE 2
- (C) FUTURE HELIPAD TOP SURFACE
- (D) PRIMARY SURFACE GRADE
- (E) EDGE OF PRIMARY SURFACE GRADE
- (F) CLEAR ZONE SURFACE
- (G) 100:1 (1.0%)
- (H) 75:1 (1.3%)
- (I) 40:1 (2.5%)
- (J) 30:1 (3.3%)



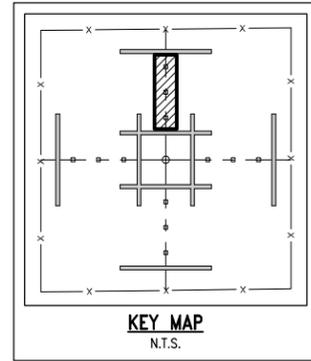
BASKERVILLE-DONOVAN, INC. Innovative Infrastructure Solutions 448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9861 ENGINEERING BUSINESS: EB-0000340 Pensacola - Panama City Beach - Melbourne - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.		MICHAEL D. LAMSTON, P.E. FL. Reg. Engineer #19463	
		PROJECT NO: 25898.04 DESIGNED BY: WBW DRAWN BY: RGC CHK'D BY: MDL PROJ. MGR: MDL DATE: MAY 2016	
INBOARD LANDING LANE ENLARGEMENT: SOUTH RUNWAY		OLF-X PHASE I-EARTHWORK PD 12-13.065	
NO.	DATE	APPR.	REVISION/ACTION TAKEN
NOT RELEASED FOR CONSTRUCTION BY		DATE	

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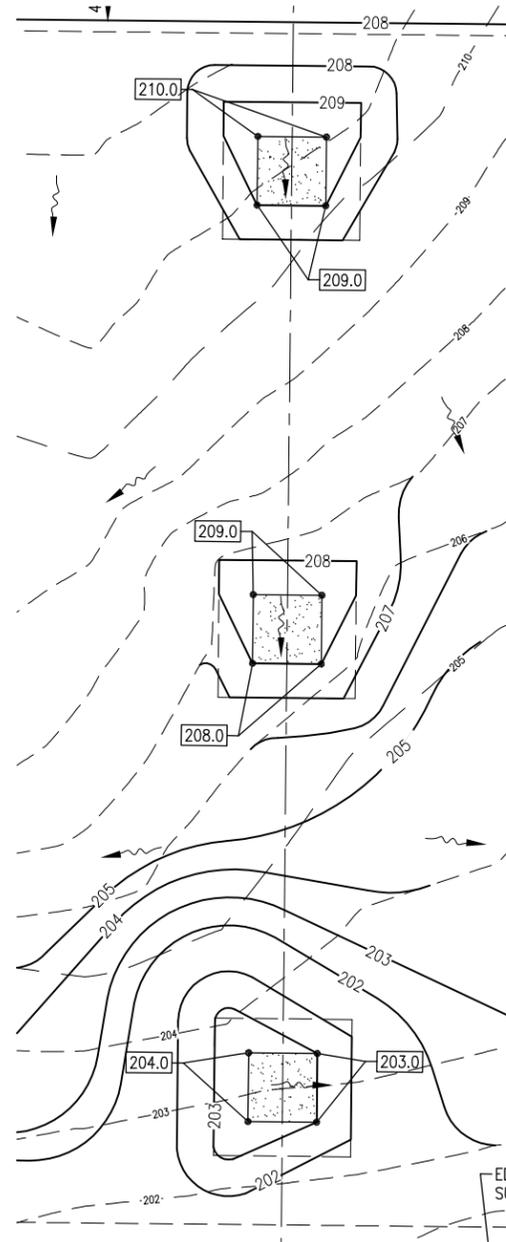


NVD HELIPADS NORTH

SCALE: 1" = 100' 0 50' 100' 200'

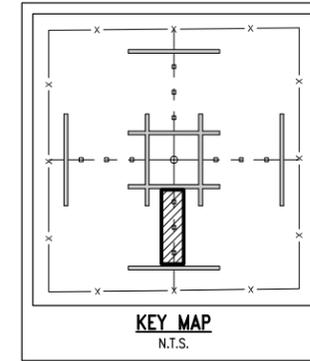


KEY MAP
N.T.S.

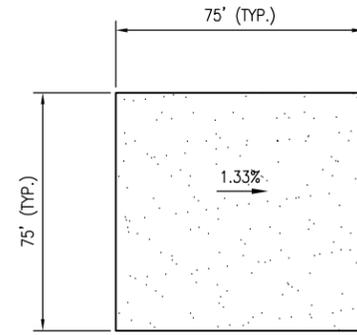


NVD HELIPADS SOUTH

SCALE: 1" = 100' 0 50' 100' 200'



KEY MAP
N.T.S.



NOTES:

1. FUTURE NVD HELIPADS ARE SHOWN FOR REFERENCE ONLY.
2. CONTRACTOR SHALL GRADE HELIPADS TO THE TOP OF THE FUTURE SURFACE AS DEPICTED IN THESE ENLARGEMENTS.
3. HELIPADS SHALL BE GRADED TO SLOPE IN ONE CONTINUOUS DIRECTION. HELIPADS SHALL BE GRADED TO A 1.0-1.5 PERCENT CROSS SLOPE PER UFC 3-260-01.

NVD HELIPAD DETAIL

NOT TO SCALE

NVD HELIPADS
ENLARGEMENTS:
NORTH AND SOUTH

C-208

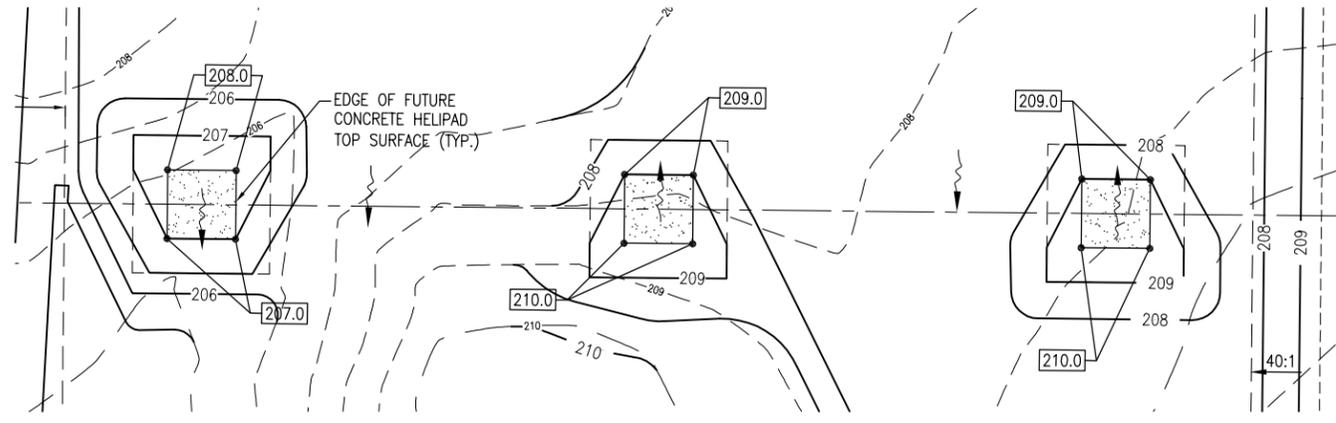
PROJECT NO:	NO.	DATE	APPR.	REVISION/ACTION TAKEN
25898.04				
DESIGNED BY: WBW				
DRAWN BY: RGC				
CHK'D BY: MDL				
PROJ. MGR: MDL				
DATE: MAY 2016				
				NOT RELEASED FOR CONSTRUCTION BY DATE

OLF-X
PHASE I-EARTHWORK
PD 12-13.065

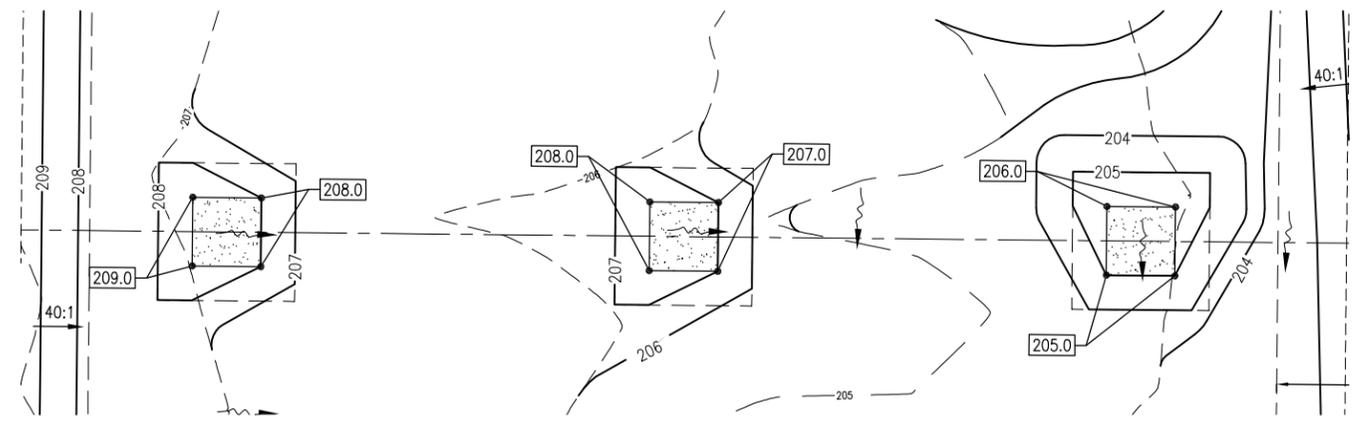
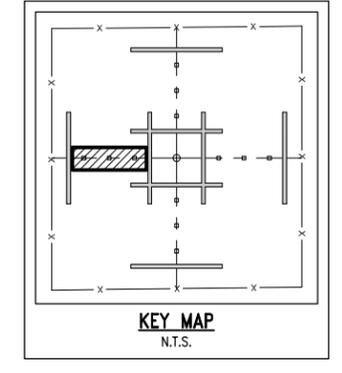
WALTER D. JUNGSTON, P.E.
FL. Reg. Engineer #19463

BASKERVILLE-DONOVAN, INC.
Innovative Infrastructure Solutions

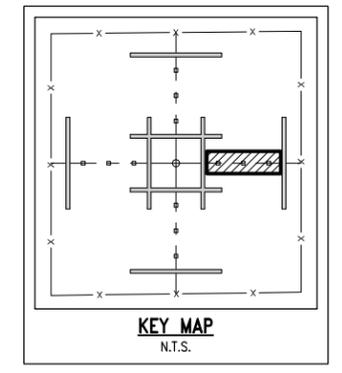
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NVD HELIPADS WEST
 SCALE: 1" = 100' 0 50' 100' 200' 

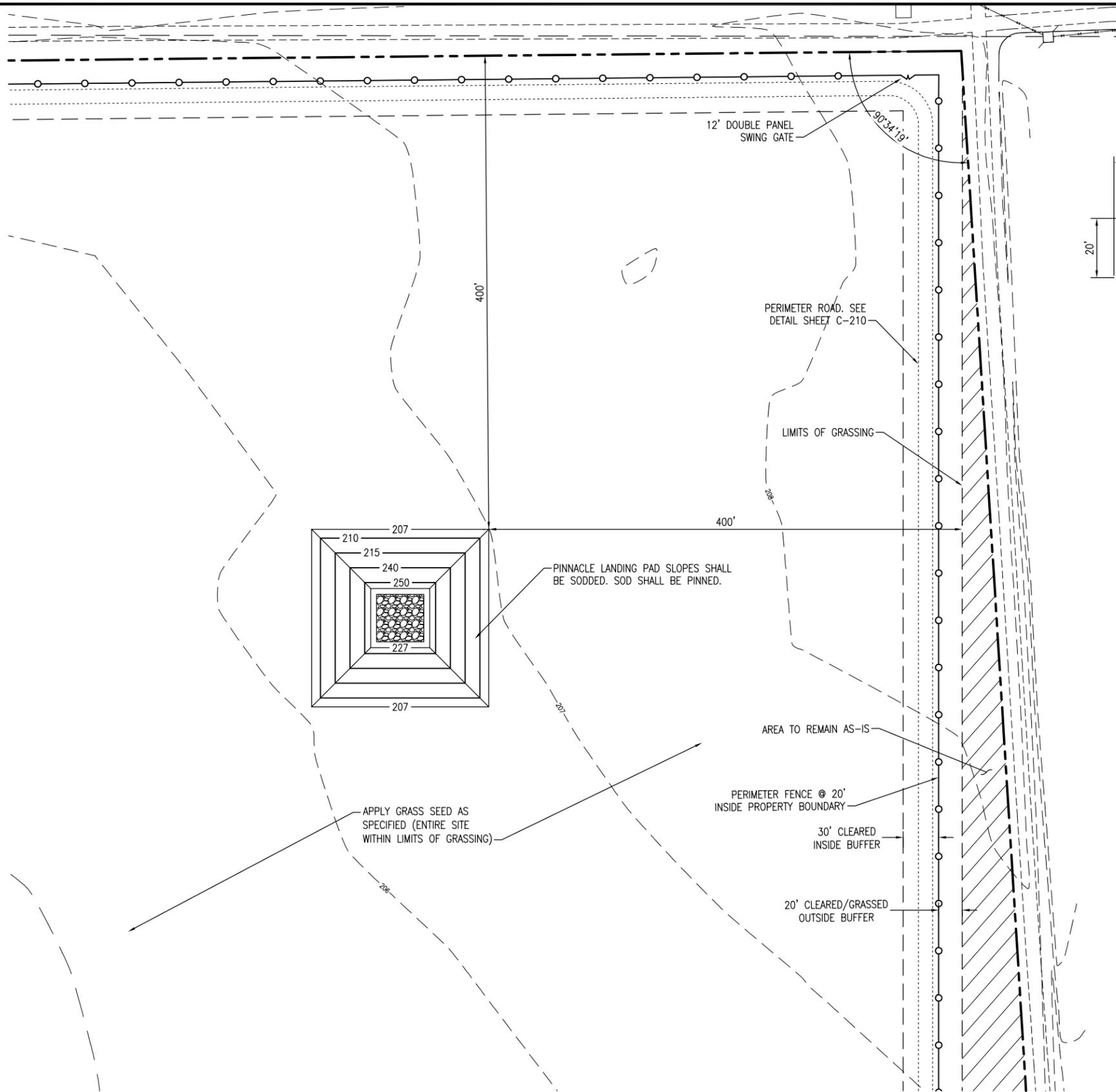


NVD HELIPADS EAST
 SCALE: 1" = 100' 0 50' 100' 200' 



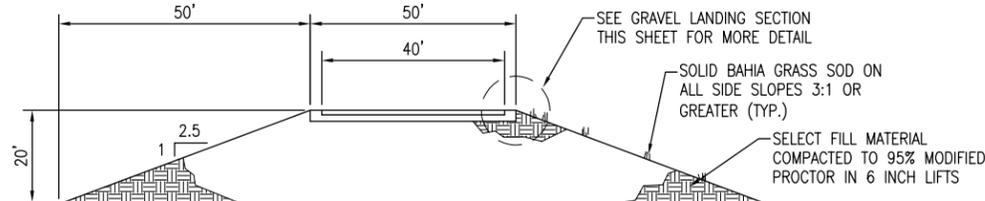
C-209	NVD HELIPADS ENLARGEMENTS: WEST AND EAST	PROJECT NO: 25898.04	NO.	DATE	APPR.	REVISION/ACTION TAKEN
	DESIGNED BY: WBW	DRAWN BY: RCG	CHK'D BY: MDL	PROJ. MGR: MDL	DATE: MAY 2016	NOT RELEASED FOR CONSTRUCTION BY DATE
OLF-X PHASE I-EARTHWORK PD 12-13.065		BASKERVILLE-DONOVAN, INC. Innovative Infrastructure Solutions 448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9881 ENGINEERING BUSINESS: EB-00000340 Pensacola - Panama City Beach - Melbourne - Tallahassee - Mobile This drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.				
WHADE D. LINGSTON, P.E.		FL. Reg. Engineer #19463 BASKERVILLE-DONOVAN, INC.				

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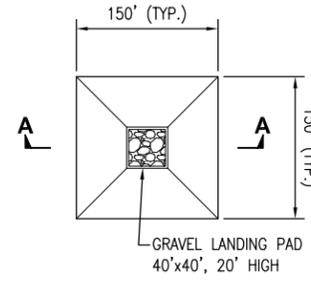


PINNACLE ENLARGEMENT - NORTHEAST

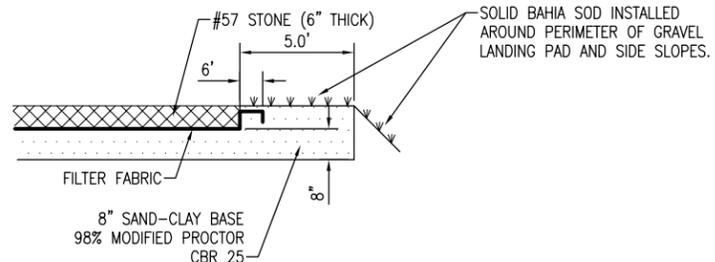
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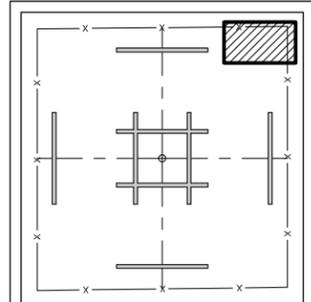
SECTION A - A
PINNACLE LANDING PAD
NOT TO SCALE



PLAN VIEW



GRAVEL LANDING SECTION



KEY MAP
N.T.S.

BASKERVILLE-DONOVAN, INC.
Innovative Infrastructure Solutions
448 W. MAIN ST., PENSACOLA, FL 32502 (850) 438-9881
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WILLIAM D. LINGSTON, P.E.
FL. Reg. Engineer #19463

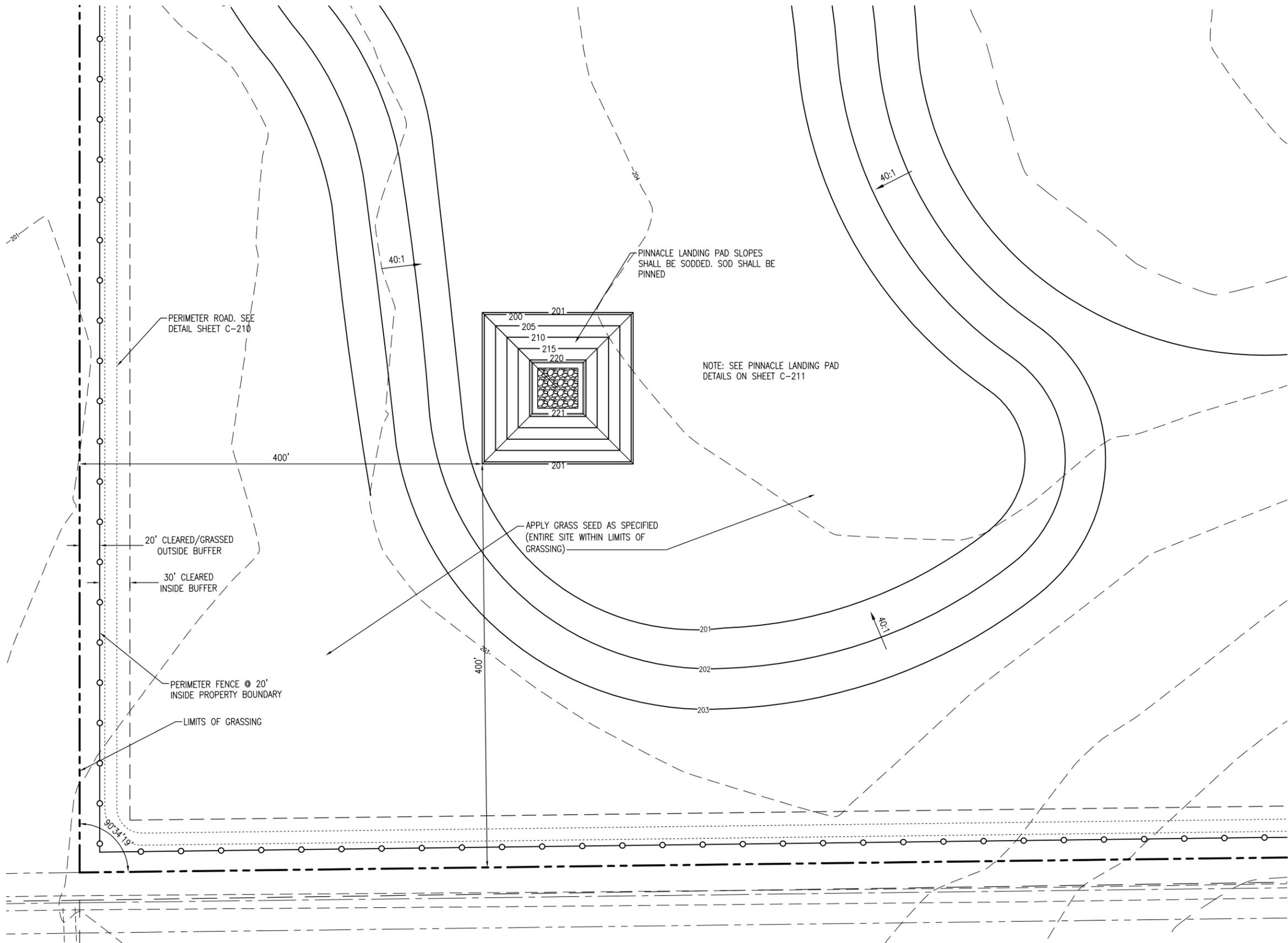
OLF-X
PHASE I-EARTHWORK
PD 12-13.065

PROJECT NO:	25898.04	NO.	DATE	APPR.	REVISION/ACTION TAKEN
DESIGNED BY:	WBW				
DRAWN BY:	RCG				
CHK'D BY:	MDL				
PROJ. MGR:	MOL				
DATE:	MAY 2016				
NOT RELEASED FOR CONSTRUCTION BY DATE					

PINNACLE LANDING
PAD ENLARGEMENT:
NORTHEAST

C-211

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PINNACLE LANDING PAD SLOPES SHALL BE SODDED. SOD SHALL BE PINNED

NOTE: SEE PINNACLE LANDING PAD DETAILS ON SHEET C-211

APPLY GRASS SEED AS SPECIFIED (ENTIRE SITE WITHIN LIMITS OF GRASSING)

PERIMETER ROAD. SEE DETAIL SHEET C-210

20' CLEARED/GRASSED OUTSIDE BUFFER

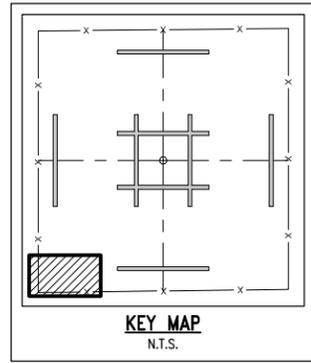
30' CLEARED INSIDE BUFFER

PERIMETER FENCE @ 20' INSIDE PROPERTY BOUNDARY

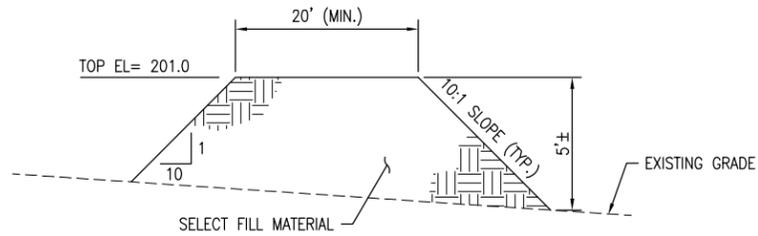
LIMITS OF GRASSING

PINNACLE ENLARGEMENT - SOUTHWEST

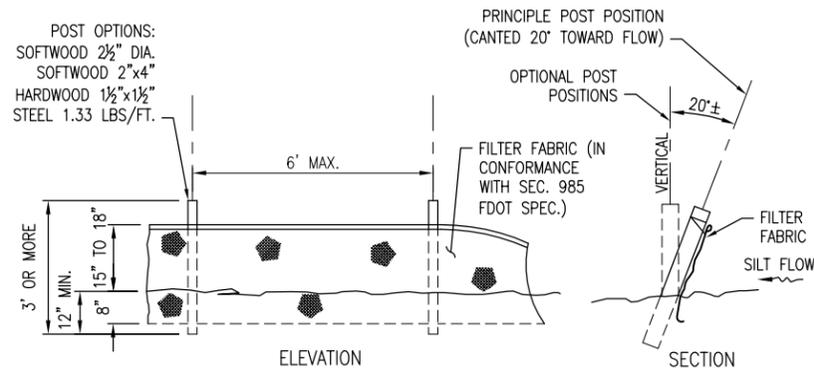
SCALE: 1" = 50' 0 25' 50' 100'



PROJECT NO.	NO.	DATE	APPR.	REVISION/ACTION TAKEN
25898.04				
DESIGNED BY:				
DRAWN BY:				
CHK'D BY:				
PROJ. MGR:				
DATE:				



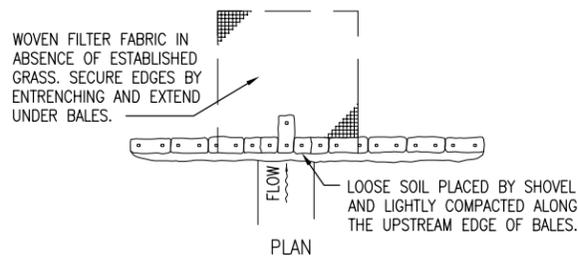
TEMPORARY SEDIMENTATION BERM
NOT TO SCALE



SILT FENCE NOTES:

1. FABRIC TO BE PLACED FACING DRAINAGE FLOW
2. FABRIC TO BE PLACED IN A 6" WIDE x 8" DEEP CONTINUOUS TRENCH, THEN BACKFILLED
3. ALL LUMBER TO BE PRESSURE/PRESERVATIVE TREATED
4. SILT FENCE TO BE INSTALLED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. SILT FENCE TO REMAIN UNTIL 100% PROJECT GRASSING (STABILIZATION) IS ACHIEVED
5. PREFABRICATED SILT FENCES ARE PERMITTED AS LONG AS THEY MEET OR EXCEED FDOT SPECIFICATIONS.

TYPE III SILT FENCE DETAIL
NOT TO SCALE



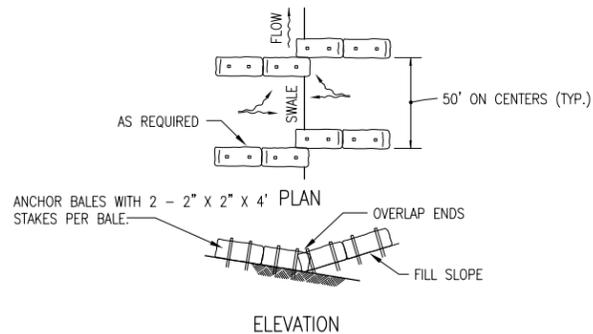
TYPE I

BARRIER FOR UNPAVED DITCHES

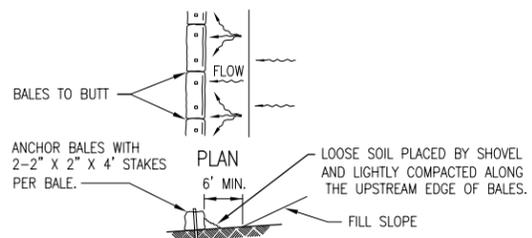
NOT TO SCALE

NOTES:

1. HAY BALES SHALL BE TRENCHED 3" TO 4" AND ANCHORED WITH 2 - 1" x 2" (OR 1" DIA.) x 4' WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
2. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER. UNAVOIDABLE GAPS SHALL BE PLUGGED WITH HAY OR STRAW TO PREVENT SILT FROM PASSING.



TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

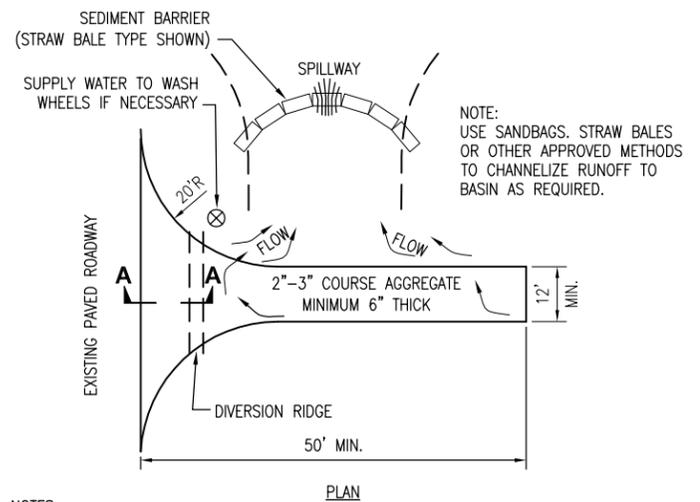
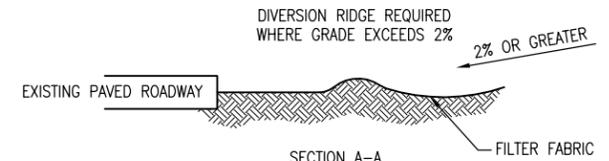


ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES

NOT TO SCALE



NOTES:

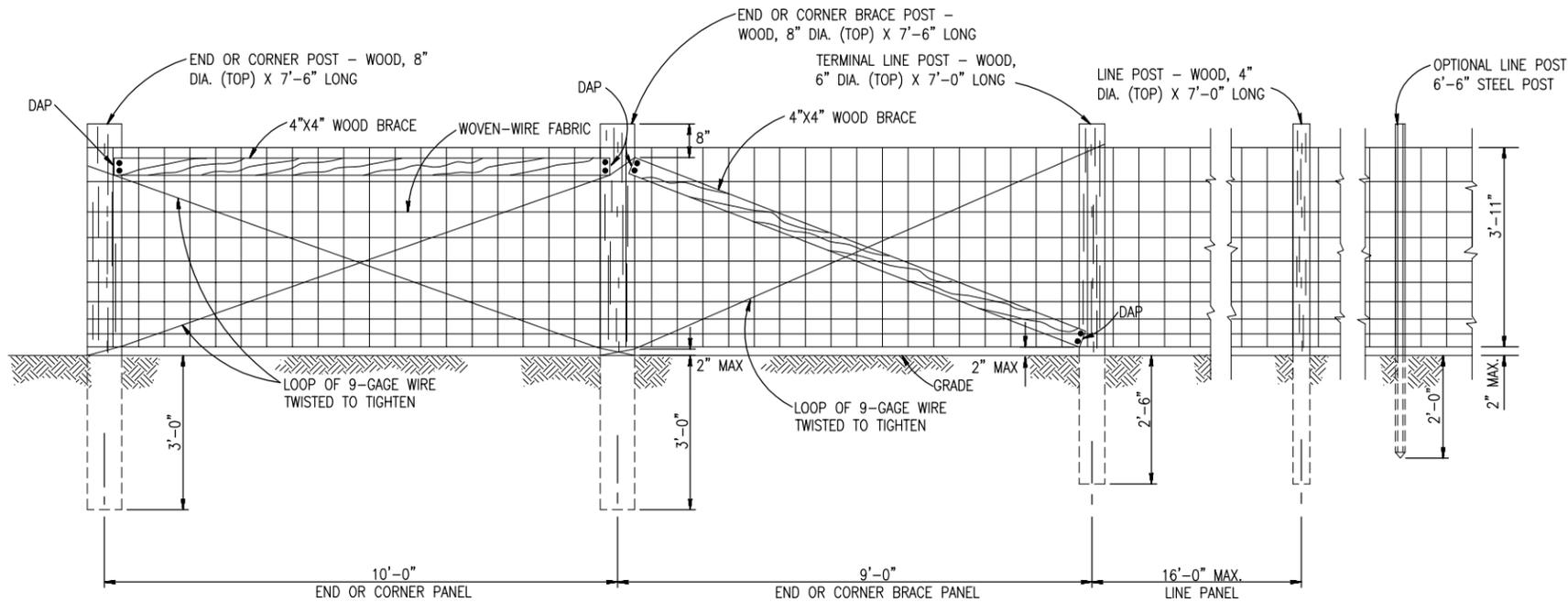
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

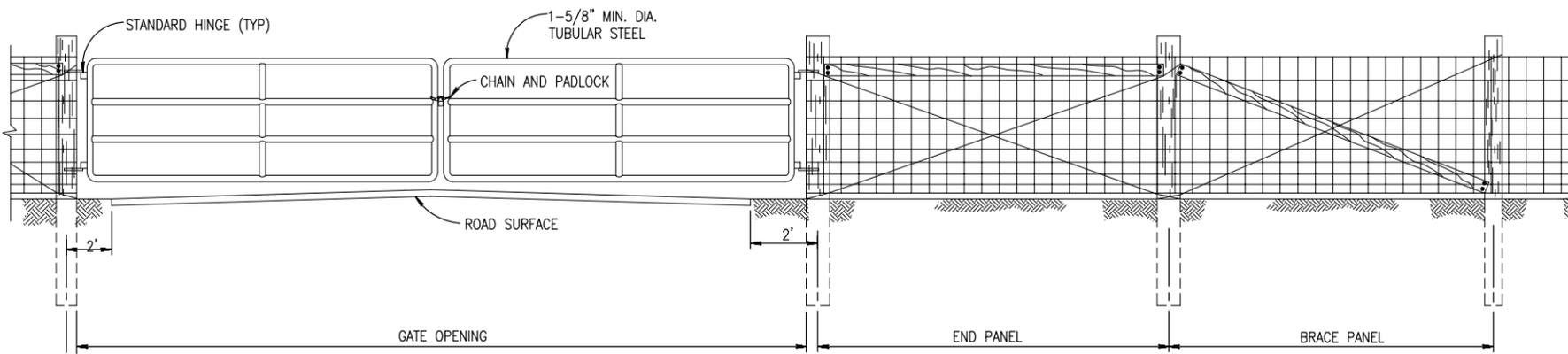
NOT TO SCALE

PROJECT NO.	DESIGNED BY	DRAWN BY	CHK'D BY	PROJ. MGR.	DATE	NO.	DATE	APPR.	REVISION/ACTION TAKEN
25898.04	WBW	RCG	MOL	MOL	MAY 2016				

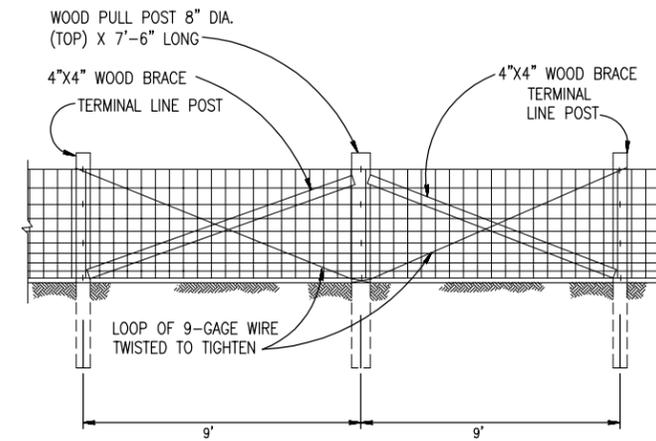
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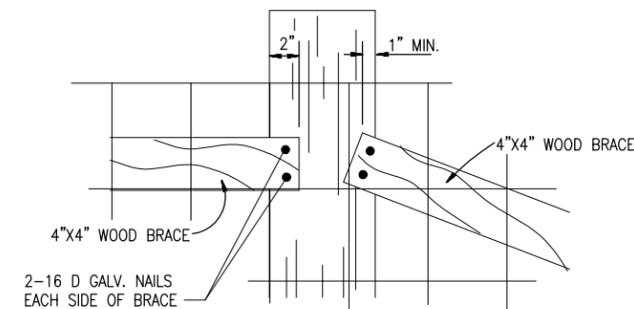
TYPICAL LAYOUT-WOVEN-WIRE FENCE
NOT TO SCALE



TYPICAL PANEL GATE DETAIL
NOT TO SCALE



PULL POST BRACE PANEL DETAIL
NOT TO SCALE



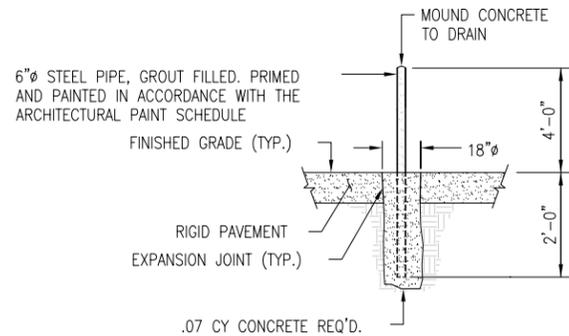
DAP DETAIL
NOT TO SCALE

NOTES:

1. THE SPACING OF END OR CORNER PANEL AND BRACE PANEL OF 10' AND 9' IS MAXIMUM. WHEN CORNER OR END PANEL CONFLICTS WITH GATE OR BRACE PANELS, OR TWO CORNER PANELS CONFLICT, BRACING AND SPACING OF POSTS SHALL BE ALTERED TO PROVIDE ADEQUATE BRACING AS REQUIRED.
2. THE GATE SHOWN IS TYPICAL. ANY STANDARD COMMERCIAL GATE THAT VARIES ONLY IN NON-ESSENTIAL DETAILS SHALL BE ACCEPTABLE. SUBJECT TO APPROVAL.
3. LATCH AND PIN FOR PANEL GATE IS REQUIRED, BUT NOT SHOWN.

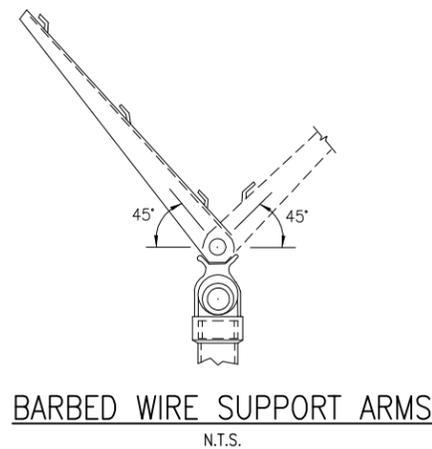
PROJECT NO.	NO.	DATE	APPR.	REVISION/ACTION TAKEN
25898.04				
DESIGNED BY: WBW				
DRAWN BY: RCG				
CHK'D BY: MDL				
PROJ. MGR: MDL				
DATE: MAY 2016				

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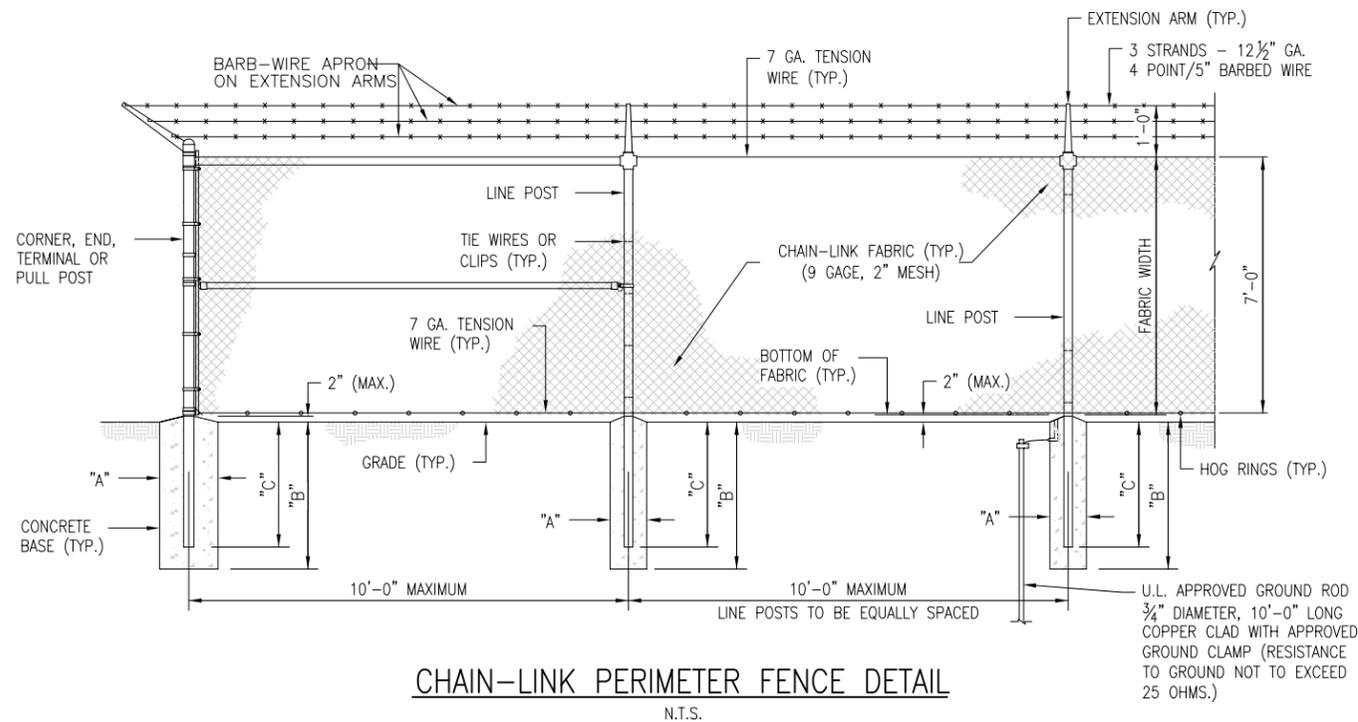


PIPE BOLLARD DETAIL
N.T.S.

NOTE:
REFER TO GEOMETRY PLAN AND ARCHITECTURAL DRAWINGS FOR BOLLARD LOCATIONS.



BARBED WIRE SUPPORT ARMS
N.T.S.



CHAIN-LINK PERIMETER FENCE DETAIL
N.T.S.

NOTE:
COSTS ASSOCIATED WITH THE PERIMETER FENCE SHALL BE INCLUDED IN BID ALTERNATE No. 2. THIS PERIMETER FENCE SHALL BE UTILIZED IN LIEU OF THE WOVEN-WIRE FENCE DETAILED ON SHEET C-901 IF DIRECTED BY THE ESCAMBIA COUNTY.

FABRIC HEIGHT	TYPE POST	"A" (DIA.)	"B" DEPTH	"C" POST EMBEDMENT
7'-0"	LINE	12"	38"	36"
	TERMINAL	16"	42"	40"

LINE AND TERMINAL POSTS

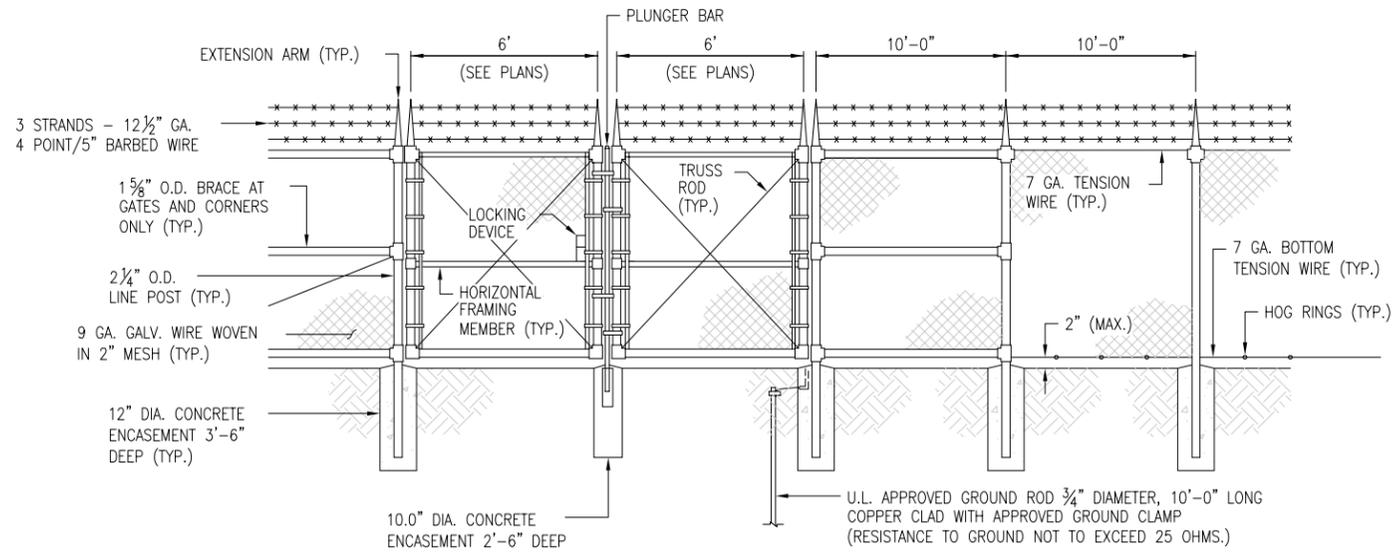
GENERAL FENCE NOTES:

- ALL GATE COMPONENTS SHALL BE INCLUDED IN THE FENCE GATE.
 - SWING GATES SHALL BE PROVIDED WITH POSITIVE LOCKING DEVICES TO SECURE GATES IN OPEN POSITION.
 - ALL PLATES TO BE 1/2" THICK UNLESS OTHERWISE NOTED.
 - DEVICE MAY BE LOCATED ABOVE OR BELOW HORIZONTAL FRAMING MEMBER WHEN IN CONFLICT WITH STANDARD LOCKING DEVICE.
 - SLOTTED STAPLE STYLES:
STYLE TO BE USED WITH PADLOCKS S&G B31B OR S&G 826C (3/4" THROAT HEIGHT OPENING).
STYLE B TO BE USED WITH PADLOCKS S&G 826C (1 1/8" THROAT HEIGHT OPENING)
STYLE C TO BE USED WITH PADLOCKS S&G 826C (1" THROAT HEIGHT OPENING).
CONTRACTING OFFICE TO PROVIDE CONTRACTOR WITH THE TYPE OF PADLOCK THAT WILL BE USED.
- S&G = SARGENT AND GREENLEAF
- ALL FABRIC SHALL BE KNUCKLED TOP & BOTTOM SELVAGES.
 - COMPLETE ASSEMBLY TO BE GALVANIZED COATED.
 - MINIMUM CLEARANCE DIMENSIONS AND GATE SPECIFICS SHALL BE PER FENCE MANUFACTURERS SPECIFICATIONS.

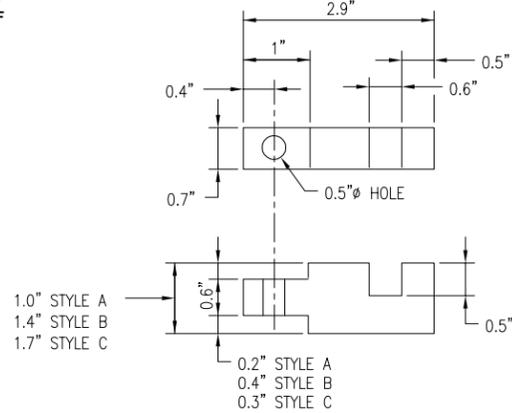
NO.	DATE	APPR.	REVISION/ACTION TAKEN

PROJECT NO:	25898.04
DESIGNED BY:	WBW
DRAWN BY:	RCG
CHK'D BY:	MOL
PROJ. MGR:	MOL
DATE:	MAY 2016

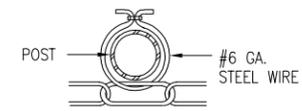
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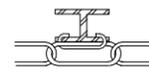
VEHICLE SWING GATE
N.T.S.



SLOTTED STAPLE DETAIL FOR CHAIN LOCKING SYSTEM
N.T.S.

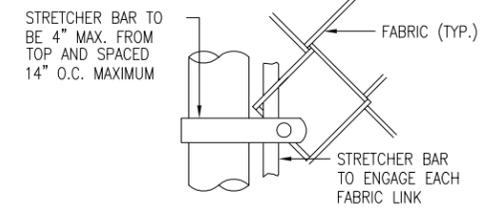


ROUND POST
N.T.S.

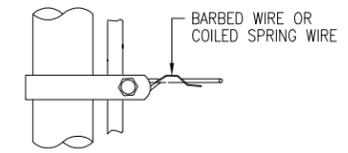


H-BEAM
N.T.S.

LINE POST ATTACHMENTS
N.T.S.

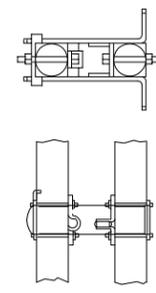


END OR GATE POST
N.T.S.

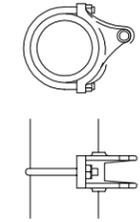


BAND FOR WIRE STRETCHING
N.T.S.

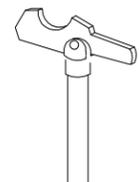
FASTENING DETAILS-FOR TUBULAR POST OR H-COLUMNS
N.T.S.



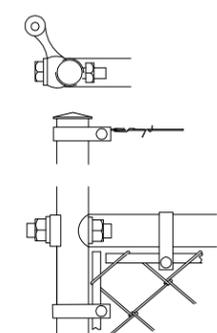
LATCH ASSEMBLY
N.T.S.



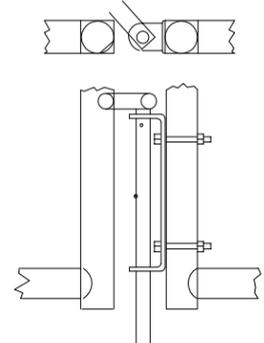
POST HINGE
N.T.S.



GATE KEEPER
N.T.S.

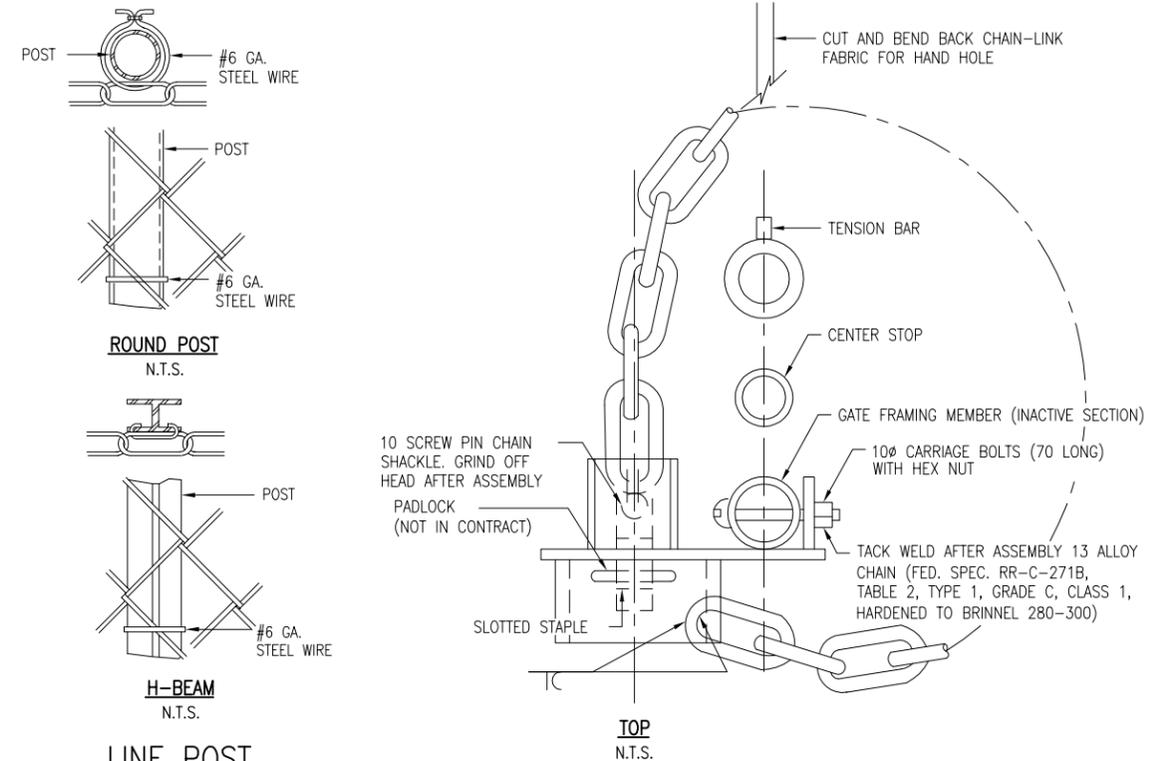


GATE FRAME HINGE
N.T.S.



DROP BAR ASSEMBLY
N.T.S.

SWING GATE DETAILS
N.T.S.



TOP
N.T.S.

BASKERVILLE-DONOVAN, INC.
Innovative Infrastructure Solutions
448 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9661
ENGINEERING BUSINESS: EB-0000340
Pensacola - Panama City Beach - Melbourne - Tallahassee - Mobile
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WALTER D. JUNGSTON, P.E.
FL. Reg. Engineer #49463

OLF-X
PHASE I-EARTHWORK
PD 12-13.065

NO.	DATE	APPR.	REVISION/ACTION TAKEN

PROJECT NO: **25898.04**
DESIGNED BY: WBW
DRAWN BY: RCG
CHK'D BY: MDL
PROJ. MGR: MDL
DATE: MAY 2016

CIVIL DETAILS

C-903

NOT RELEASED FOR CONSTRUCTION BY DATE