NOTICE TO CONTRACTOR:

PHASE 3 PERIMETER FENCING IMPROVEMENTS FOR THE WAYNE EXECUTIVE JETPORT

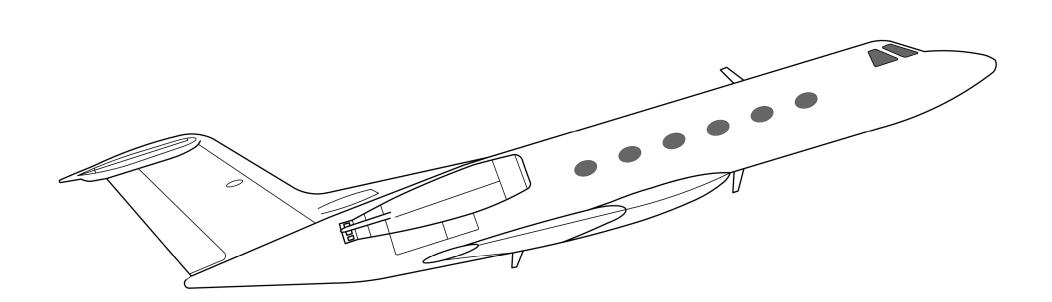
PIKEVILLE, NORTH CAROLINA

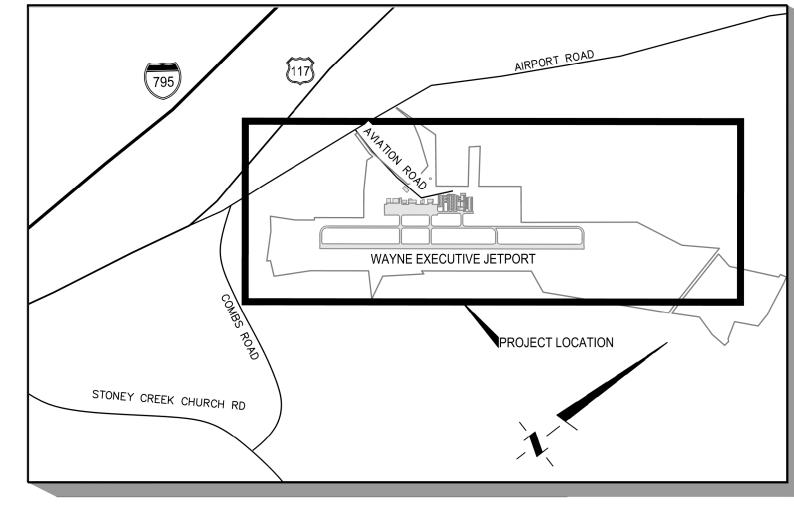
FEBRUARY 2024

WK DICKSON PROJ. NO.: 20190561.00.RA

NCDOT-DOA PROJECT NO.: 36237.22.17.2

BID DOCUMENTS - NOT FOR CONSTRUCTION





AIRPORT MAP

910.762.4200 IF ANY DISCREPANCIES ARE FOUND IN ELEVATIONS SHOWN.

SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

WILSON

DUPLIN

THE CONTRACTOR SHALL FIELD VERIFY THE ONSITE BENCHMARKS. THE CONTRACTOR SHALL IMMEDIATELY CONTACT W.K. DICKSON & CO., INC. @

PRIOR TO CONSTRUCTION, DIGGING, OR EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA(S) OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT. CALL "811" A MINIMUM OF 72 HOURS PRIOR TO DIGGING OR EXCAVATING. REPAIRS TO ANY UTILITY DAMAGED RESULTING FROM CONSTRUCTION ACTIVITIES

3. THE CONTRACTOR SHALL ANTICIPATE THE NEED FOR PRIVATE UTILITY LOCATES AND THE ASSOCIATED COST IF 811 DOES NOT LOCATE ALL

4. PLEASE NOTE THAT N.C. LAW REQUIRES THAT THE NC ONE CALL CENTER BE NOTIFIED PRIOR TO PERFORMING ANY EXCAVATION. CALL 811 OR

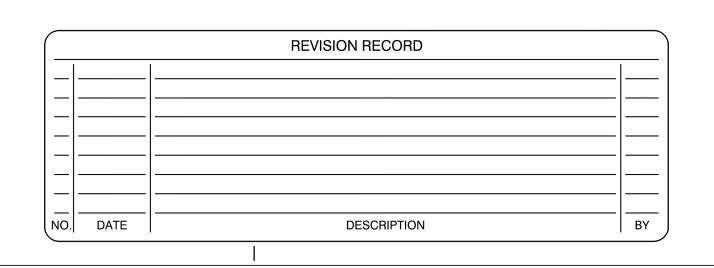
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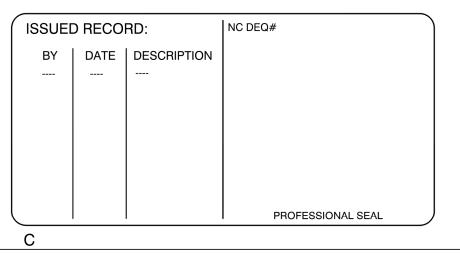
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GENERAL NOTES:

- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER AND OWNER A DETAILED CONSTRUCTION PROGRESS SCHEDULE. THE CONSTRUCTION PROGRESS SCHEDULE SHALL ALL INCORPORATE THE ACTUAL WORK ELEMENTS TO BE CONSTRUCTED AND THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR HAVING VISITED THE SITE AND HAVING FAMILIARIZED HIMSELF/HERSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID.
- ANY UTILITIES OR FACILITIES DAMAGED DURING THE PROJECT BY THE CONTRACTOR'S WORKERS OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS. LICENSES, ETC., REQUIRED BY LOCAL, STATE, AND FEDERAL AGENCIES, EXCEPT AS NOTED HEREIN.
- ALL DISTURBED AREAS, INCLUDING THE CONTRACTORS STAGING AREA, HAUL ROUTES, ETC., SHALL BE RESTORED TO A SMOOTH LINE AND GRADE WITH POSITIVE DRAINAGE. THERE WILL BE NO MEASUREMENT FOR PAYMENT OF SEEDING AND MULCHING FOR HAUL ROUTES AND STAGING AREAS. THIS WORK SHALL BE INCIDENTAL TO MOBILIZATION.
- THE CONTRACTOR WILL BE REQUIRED TO TRANSPORT AND STORE ALL EQUIPMENT AND MATERIALS IN A MANNER WHICH WILL NOT DAMAGE ANY EXISTING PAVEMENT, BUILDINGS, SIGNS, LIGHTS, ETC. ANY DAMAGE WILL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER. THE CONTRACTOR SHALL KEEP ACCESS ROUTES CLEAN AND FREE OF LOOSE DEBRIS FROM CONSTRUCTION MATERIALS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR CLEARING ALL PAVEMENTS TRAVERSED BY CONSTRUCTION EQUIPMENT OF DEBRIS DAILY.
- NO DEBRIS OF ANY NATURE SHALL BE ALLOWED OUTSIDE OF THE LIMITS OF DISTURBANCE. ALL LOOSE MATERIALS (MILLINGS, DIRT, STONE, PAVEMENT, FORMING, ETC.) MUST BE KEPT WITHIN THE LIMITS OF CONSTRUCTION. WHEN THE CONSTRUCTION BARRIERS ARE MOVED DURING CONSTRUCTION, CLEANUP OF THE AREAS OUTSIDE THE BARRIERS SHALL OCCUR IMMEDIATELY. IN ADDITION, NO LOOSE MATERIALS THAT COULD BLOW INTO TRAFFIC AREAS SHALL BE ALLOWED IN THE LIMITS OF DISTURBANCE.
- THE CONTRACTOR SHALL PROVIDE FOR EMPLOYEE PARKING WITHIN HIS STAGING AREA. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL POSITION ALL EQUIPMENT, TOOLS, MATERIAL, ETC. IN THE APPROVED STAGING AREA UNLESS OTHERWISE REQUESTED BY THE CONTRACTOR AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- EQUIPMENT NOT IN USE SHALL BE PARKED IN THE CONTRACTOR'S STAGING AREA AS SHOWN ON THE PROJECT LAYOUT PLAN, SHEET 02.
- 10. CONTRACTORS OPERATING CONSTRUCTION VEHICLES AND EQUIPMENT ON THE PROJECT MUST BE PREPARED TO EXPEDITIOUSLY CONTAIN AND CLEAN-UP SPILLS RESULTING FROM FUEL OR
- THE OWNER RESERVES THE RIGHT TO CONTRACT AND PERFORM OTHER OR ADDITIONAL WORK ADJACENT TO AND WITHIN THE LIMITS OF DISTURBANCE COVERED BY THIS CONTRACT. WHEN SEPARATE CONTRACTS ARE LET WITHIN THE LIMITS OF ANY ONE PROJECT, EACH CONTRACTOR SHALL CONDUCT HIS/HER WORK SO AS NOT TO INTERFERE WITH OR HINDER THE PROGRESS OR THE COMPLETION OF THE WORK BEING COMPLETED BY OTHER CONTRACTORS. THE CONTRACTORS WORKING ON THE SAME PROJECT SHALL COOPERATE WITH EACH OTHER AS REQUESTED BY THE OWNER'S REPRESENTATIVE. ANY ADDITIONAL EFFORT OR WORK REQUIRED FOR SUCH COORDINATION WITH OTHER CONTRACTORS SHALL BE INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL DESIGNATE A PRIMARY REPRESENTATIVE AND AN ALTERNATE TO BE AVAILABLE FOR CONTACT ON A 24 HOUR BASIS SHOULD THE NEED ARISE. THE CONTRACTOR SHALL PROVIDE THE PRIMARY REPRESENTATIVE FOR EACH SCHEDULE OF WORK WITH A PHONE/RADIO FOR COMMUNICATION WITH THE OWNER.
- 13. THE CONTRACTOR SHALL CONDUCT HIS CONSTRUCTION OPERATIONS AS SHOWN ON THE PROJECT LAYOUT PLAN. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION TO LOCAL TRAFFIC OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH SAFETY REQUIREMENTS & TO MINIMIZE INTERFERENCE TO LOCAL TRAFFIC OPERATIONS DURING CONSTRUCTION.
- AREAS OUTSIDE THE PROJECT LIMITS OF DISTURBANCE ARE DESIGNATED AS RESTRICTED AREAS. THE CONTRACTOR'S FORCES ARE PROHIBITED FROM ENTERING RESTRICTED AREAS AT ANY TIME, UNLESS SPECIFICALLY AUTHORIZED BY THE OWNER'S REPRESENTATIVE OR AIRPORT MANAGEMENT.
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, IDENTIFICATION, & PROTECTION OF ALL EXISTING UTILITIES (BOTH PUBLIC & PRIVATE) INSIDE THE LIMITS OF DISTURBANCE, ANY DAMAGES TO EXISTING UTILITIES ON OR OFF AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY & CONTINUOUSLY UNTIL REPAIRED AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO REIMBURSEMENT WILL BE ALLOWED FOR UTILITY REPAIR OR REPLACEMENT. UTILITIES SHOWN ON PLANS ARE APPROXIMATE LOCATIONS PER GIS FILES SUPPLIED BY RDU INTERNATIONAL AIRPORT
- THE CONTRACTOR & HIS/HER EMPLOYEES SHALL NOT BE ALLOWED INTO ANY EXISTING BUILDINGS. A PORT-A-JOHN SHALL BE ON SITE AT ALL TIMES. CONTRACTOR SHALL SECURE PORT-A-JOHN TO
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER AND OWNER A DETAILED CONSTRUCTION PROGRESS SCHEDULE. THE CONSTRUCTION PROGRESS SCHEDULE SHALL ALSO INCORPORATE THE ACTUAL WORK ELEMENTS TO BE CONSTRUCTED AND THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN
- 18. NOTIFY THE OWNER/ENGINEER 48 HOURS IN ADVANCE OF BEGINNING IN ANY WORK AREA.
- 19. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION SCHEDULE WITH THE ENGINEER AND THE AIRPORT OWNER. AIRPORT OWNER AND ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY CHANGES IN SCHEDULE SO THAT OWNER MAY INFORM ALL AFFECTED PARTIES OF CLOSURES.
- 20. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE PROJECT AREA USING THE ACCESS ROUTE SHOWN AND CONSTRUCTION ENTRANCES SHOWN ON THESE PLANS. SEE THE EROSION & SEDIMENT CONTROL PLAN SHEETS FOR FURTHER DETAILS.
- 21. CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING SECURITY OF STAGING AREA(S).
- 22. AREAS OUTSIDE THE PROJECT LIMITS ARE DESIGNATED AS RESTRICTED AREAS. THE CONTRACTOR'S FORCES ARE PROHIBITED FROM ENTERING RESTRICTED AREAS AT ANY TIME, UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER OR AIRPORT OWNER.
- 23. THE CONTRACTOR'S STAGING AREA AND HAUL ROUTE SHOWN ON THE PLANS ARE GENERAL AND FOR INFORMATION PURPOSES ONLY. THE ACTUAL SIZE AND LOCATION OF STAGING AREAS AND HAUL ROUTES WILL BE APPROVED BY OWNER PRIOR TO CONSTRUCTION.
- 24. CONTRACTOR SHALL MAINTAIN ALL SAFETY DEVICES SUCH AS STAKED LIMIT LINES, FOR THE DURATION OF THE PROJECT AS REQUIRED. DAMAGED STAKES OR FLAGGING SHALL BE REPLACED
- 25. THE CONTRACTOR AND THE PROJECT ENGINEER/AIRPORT REPRESENTATIVE SHALL HAVE A PRE-CONSTRUCTION WALK-THRU TO DOCUMENT EXISTING CONDITIONS OF AIRPORT FACILITIES AND
- 26. ALL DE-WATERING REQUIRED TO EXECUTE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 27. ALL CONSTRUCTION VEHICLES TRAVERSING ANY PORTION OF THE AOA (AIRPORT OPERATIONS AREA), MUST BE PROVIDED WITH A FLAG ON A STAFF ATTACHED TO THE VEHICLE SO THAT THE FLAG WILL BE READILY VISIBLE. THE FLAG MUST BE AT LEAST 3 FEET BY 3 FEET SQUARE HAVING A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE SQUARES AT LEAST 1 FOOT ON EACH SIDE. THE STANDARD FOR IDENTIFICATION LIGHTING FOR VEHICLES OPERATING IN THE AOA IS A AMBER FLASHING LIGHT THAT IS MOUNTED ON THE UPPERMOST PART OF THE VEHICLE STRUCTURE. A STEADY AMBER LIGHT DESIGNATES VEHICLES LIMITED TO NON-MOVEMENT AREAS.
- 28. CONTRACTORS MUST NOT LEAVE OR PLACE FOREIGN OBJECT DEBRIS (FOD) ON OR NEAR ACTIVE AIRCRAFT MOVEMENT AREAS (AIRPORT OPERATIONS AREA), MATERIALS TRACKED ONTO THESE AREAS MUST BE CONTINUOUSLY REMOVED DURING THE CONSTRUCTION PROJECT.
- 29. CONTRACTOR SHALL OBTAIN AND DISTRIBUTE OFF-DUTY CONTACT INFORMATION OF ALL INVOLVED PARTIES IN THE CONSTRUCTION-RELATED ACTIVITIES, IN THE EVENT THAT UNANTICIPATED UTILITY OUTAGE OR CABLE CUT OCCURS THAT IMPACTS FAA NAVAIDS.

SAFETY AND SECURITY NOTES:

- THE CONTRACTOR, OWNER'S REPRESENTATIVE AND OWNER SHALL PERFORM ONSITE OBSERVATIONS THROUGHOUT THE PROJECT. WITH IMMEDIATE REMEDY OF ANY DEFICIENCIES. WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
- CONSTRUCTION CONTRACTORS SHALL CONTROL AND CONTINUOUSLY REMOVE WASTE OR LOOSE MATERIALS THAT MIGHT ATTRACT WILDLIFE. VARIOUS CONTRACTOR OPERATIONS DURING CONSTRUCTION CAN DIRECTLY OR INDIRECTLY CREATE WILDLIFE HAZARDS. ONE INDIRECT WILDLIFE HAZARD BY CONTRACTOR PERSONNEL ACTIVITY IS THE GENERATION OF TRASH. FOOD SCRAPS MUST BE COLLECTED FROM CONSTRUCTION PERSONNEL AND DISPOSED OF APPROPRIATELY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ARRANGEMENTS FOR TRASH REMOVAL FROM THE PROJECT SITE AS WELL AS THE CONTRACTOR'S STAGING AREA. TRASH SHOULD BE REMOVED FROM THE SITE AS NECESSARY. SHOULD THIS PRACTICE PROVE TO BE INADEQUATE, THE CONTRACTOR WILL BE ASKED TO INCREASE THE FREQUENCY OF TRASH

- REMOVAL. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE DURING CONSTRUCTION TO
- 3. THE CONTRACTOR SHALL ONLY ACCESS WORK AREAS AS DIRECTED BY OWNER.

OUTSIDE OF DESIGNATED LIMITS OF DISTURBANCE.

WITHIN THE LIMITS OF DISTURBANCE.

- 4. THE CONTRACTOR SHALL PROVIDE STRICT SECURITY FOR ALL PERSONNEL AT THE SITE. ANYONE FOUND IN RESTRICTED AREAS WILL BE PROMPTLY AND PERMANENTLY REMOVED FROM THE JOB.
- 5. PERSONNEL, EQUIPMENT OR OTHER CONSTRUCTION-RELATED MATERIAL WILL NOT BE PERMITTED
- 6. PROJECT ACCESS LOCATIONS, HAUL ROUTES AND STAGING AREAS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. THESE AREAS SHALL BE AVAILABLE TO THE CONTRACTOR FOR THE DURATION OF THE PROJECT, UNLESS OTHERWISE NOTED.
- 7. IN ORDER TO CONSTRUCT THIS PROJECT WITH MINIMAL INTERFERENCE TO TRAFFIC OPERATIONS, THE CONTRACTOR SHALL CONDUCT HIS CONSTRUCTION OPERATIONS AS APPROVED BY THE
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING MATERIALS AND EQUIPMENT AND SHALL NOTIFY AIRPORT IMMEDIATELY REGARDING ANY SECURITY ISSUES OR UNAUTHORIZED PERSONNEL
- 9. OPERATIONAL SAFETY SHOULD BE A STANDING AGENDA ITEM DURING PROGRESS MEETINGS THROUGHOUT THE CONSTRUCTION PROJECT.
- 10. CONTRACTOR, SUB CONTRACTORS, AND SUPPLIER EMPLOYEES OR ANY OTHER UNAUTHORIZED PERSONS MUST BE RESTRICTED FROM ENTERING OR REMAINING IN AN ACTIVE AIRPORT
- 11. CONSTRUCTION THAT IS WITHIN THE SAFETY AREA OF AN ACTIVE RUNWAY, TAXIWAY, OR APRON THAT OCCURS UNDER NORMAL OPERATIONAL CONDITIONS MUST BE PERFORMED WHEN THE RUNWAY, TAXIWAY, APRON OR TAXIWAY OBJECT FREE AREA IS CLOSED OR USE-RESTRICTED AND INITIATED ONLY WITH PRIOR PERMISSION FROM THE AIRPORT MANAGEMENT
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WALKING THE SITE EVERY DAY TO INSURE THAT IT IS CLEAR OF ALL OBSTRUCTIONS AND FOD AT THE END OF EVERY DAY.
- 13. CONTRACTOR SHALL BE AWARE OF THE PENALTY PROVISIONS FOR NON-COMPLIANCE WITH AIRPORT RULES AND REGULATIONS OF THESE SAFETY PLANS INCLUDING RESCISSION OF DRIVING PRIVILEGES OR ACCESS TO THE AIRCRAFT OPERATIONS AREA.
- 14. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY EMERGENCY CONTACT INFORMATION FROM THE
- 15. NO STOCKPILES ARE ALLOWED IN THE RUNWAY OBJECT FREE AREA (ROFA).

HAUL ROUTES, STAGING AREAS & CONSTRUCTION ACTIVITIES:

- 1. ALL EQUIPMENT MUST BE RETURNED TO THE APPROPRIATE STAGING AREA AT THE END OF EACH WORK DAY & WHEN NOT ENGAGED IN THE CONSTRUCTION DURING NON-WORKING DAYS & NIGHTS. OWNER WILL DESIGNATE AREAS FOR CONTRACTOR'S EMPLOYEES AUTO PARKING.
- 2. THE PROVISION & MAINTENANCE OF HAUL ROADS & STAGING AREAS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT

CONSTRUCTION MAINTENANCE & FACILITIES MAINTENANCE:

THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT, THE CONTRACTOR MUST:

- 1. CONDUCT ACTIVITIES SO AS NOT TO VIOLATE ANY STANDARDS CONTAINED IN DIVISION II WORK ZONE TRAFFIC CONTROL OF THE NCDOT STANDARD SPECIFICATIONS AND STANDARD DRAWINGS (2018 EDITION) OR THE LATEST EDITION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD,
- 2. INSPECT ALL CONSTRUCTION AND STORAGE AREAS AS OFTEN AS NECESSARY TO BE AWARE OF
- 3. PROMPTLY TAKE ALL ACTIONS NECESSARY TO PREVENT OR REMEDY ANY UNSAFE OR POTENTIALLY UNSAFE CONDITIONS AS SOON AS THEY ARE DISCOVERED.
- 4. BE FAMILIAR WITH AND UNDERSTAND THE SAFETY PROBLEMS AND HAZARDS DESCRIBED IN AC 150/5370-2G, OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION.
- 5. AIRPORT DIRECTOR IS BRANDON GRAY 919-734-7630.

SURVEY NOTES:

- 1. AIRPORT PROPERTY BOUNDARY, WHERE SURVEYED, REPRESENTS BOUNDARY SURVEY COMPLETED BY MATRIX EAST, PLLC, PLS LICENSE #P-0221 ON 2-27-2020.
- 2. THE FOLLOWING INFORMATION WAS USED FOR THE EXISTING SURVEY: HORIZONTAL POSITIONS ARE REFERENCED TO NAD83\NSRS 2011 VERTICAL POSITIONS ARE REFERENCED TO NAVD 1988 USING GEOID
- 3. PUBLISHED/FIXED CONTROL POINT USED: NCGSM "GWW D2001.".
- 4. NO DETERMINATION HAS BEEN MADE BY THE SURVEYOR AS TO THE FOLLOWING: FLOOD ZONES; WETLANDS; UNDERGROUND STORAGE FACILITIES; UNDERGROUND UTILITIES; GRAVES, CEMETERIES, PROPERTY BOUNDARIES, OR BURIAL GROUNDS; HAZARDOUS WASTE DEPOSITS OR MATERIALS.
- 5. ALL PROPOSED COORDINATES ARE GROUND COORDINATES. THE CONTRACTOR'S SURVEYOR IS RESPONSIBLE FOR ANY CONVERSIONS NEEDED FOR THE STAKEOUT OF THE PROPOSED GROUND COORDINATES SHOWN. CONTRACTOR'S SURVEYOR SHALL VERIFY ALL EXISTING PROPERTY CORNERS PRIOR TO BEGINNING WORK.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SURVEYING AND STAKING. PROPERTY CORNERS, FENCE CENTERLINE, AND LIMITS OF DISTURBANCE SHALL BE FIELD LOCATED AND APPROVED BY OWNER AND ENGINEER PRIOR TO ANY CLEARING.

<u>RUNWAY & TAXIWAY SAFETY AREAS (RSA & TSA):</u>

- 1. NO WORK IN AN ACTIVE RUNWAY SAFETY AREA IS PERMITTED AND NO PERSONNEL AND/OR EQUIPMENT PULL BACKS TO CLEAR AN ACTIVE RUNWAY SAFETY AREA ARE PERMITTED CONSTRUCTION ACTIVITY WITHIN THE TAXIWAY SAFETY AREA/OBSTACLE-FREE ZONE IS PERMISSIBLE WHEN THE TAXIWAY IS OPEN TO AIRCRAFT TRAFFIC IF ADEQUATE WINGTIP CLEARANCE EXISTS BETWEEN THE AIRCRAFT AND EQUIPMENT/MATERIAL; EXCAVATION, TRENCHES, OR OTHER CONDITIONS ARE CONSPICUOUSLY MARKED AND LIGHTED; AND LOCAL NOTAMS ARE IN EFFECT FOR THE ACTIVITY (SEE AC 150/5300-13A FOR WINGTIP CLEARANCE REQUIREMENTS.) AIRPORT USERS WILL BE NOTIFIED OF RESTRICTED RUNWAY AND TAXIWAY USAGE VIA NOTAM.
- 2. PREVENT PERSONNEL, MATERIAL, AND/OR EQUIPMENT, AS DEFINED IN AC 150/5300-13A, PARAGRAPH-308, FROM PENETRATING THE RUNWAY OBSTACLE FREE ZONE (ROFZ).
- 3. COORDINATE CONSTRUCTION ACTIVITY WITH THE AIRPORT DIRECTOR THROUGH THE ENGINEER.

EROSION CONTROL NOTES:

- 1. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES THROUGHOUT THE LIFE OF THE PROJECT, AND PROVIDE PERIODIC CLEANOUT AS NECESSARY. THE CONTRACTOR SHALL INSPECT ALL DEVICES EVERY SEVEN (7) CALENDAR DAYS OR AFTER EACH RAINFALL EVENT THAT EXCEEDS 1/2 INCH (O.5"). SEDIMENT SHALL BE REMOVED FROM BEHIND THE SILT FENCES WHEN IT BECOMES ABOUT 1/2 FOOT (0.5') DEEP AT THE FENCE. DAMAGED OR INEFFECTIVE DEVICES SHALL BE REPAIRED OR REPLACED, AS NECESSARY.
- 2. CONTRACTOR SHALL LIMIT AREAS OF DISTURBANCE AS MUCH AS POSSIBLE DURING THE COURSE OF THE PROJECT, AND STABILIZE AREAS AS WORK IS COMPLETED. NO SEPARATE MEASUREMENT WILL BE MADE FOR PAYMENT FOR AREAS REQUIRING SEEDING AND MULCHING OUTSIDE OF THE LIMITS OF
- 3. TEMPORARY GROUND COVER SHALL BE PLACED ON EXPOSED SLOPES WITHIN 14 CALENDAR DAYS PER THE TEMPORARY SEEDING SPECIFICATIONS.
- 4. TEMPORARY GROUND COVER SHALL BE PLACED ON EXPOSED SWALES OR DITCHES WITHIN 7 CALENDAR DAYS PER THE TEMPORARY SEEDING SPECIFICATIONS.
- 5. TOTAL AREA OF DISTURBANCE FOR PHASE 3: 0.45 AC.
- 6. SEE SHEET 02 FOR AN OVERALL VIEW OF THE PROJECT.

EXISTING CONDITIONS & DEMOLITION NOTES:

- 1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS WITH WHAT IS SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- 2. EXISTING FEATURES NOT SHOWN TO BE REMOVED SHALL BE PROTECTED BY THE CONTRACTOR. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 3. CONTRACTOR SHALL REMOVE AND DISPOSE ALL ITEMS SHOWN FOR DEMOLITION AND REMOVAL IN A SAFE AND LEGAL MANNER.
- 4. CONTRACTOR SHALL DEWATER WORK AREAS AS NECESSARY. NO ADDITIONAL PAYMENT SHALL BE MADE FOR DEWATERING. DEWATERING SHALL BE INCIDENTAL TO MOBILIZATION.
- 5. CONSTRUCTION REPAIR SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER/OWNER REPRESENTATIVE

PAY ITEM NOTES:

- 1. ALL MOBILIZATION WILL BE PAID FOR UNDER SECTION C-105.
- 2. ALL NEW CHAIN LINK FENCE MATERIALS (INCLUDING CONCRETE FOR POSTS) WILL BE PAID UNDER
- 3. ALL CLEARING AND GRUBBING WILL BE PAID FOR UNDER ITEM P-151.
- 4. SEEDING, BOTH TEMPORARY AND PERMANENT, WILL BE PAID FOR UNDER ITEM T-901.
- 5. ALL EROSION CONTROL MEASURES WILL BE PAID FOR UNDER SECTION C-102.

INDEX OF DRAWINGS Sheet Number Sheet Title PHASE 3 COVER SHEET 00 01 PHASE 3 GENERAL NOTES SHEET PHASE 3 PROJECT LAYOUT PLAN PHASE 3 FENCE LAYOUT PLAN **EROSION CONTORL DETAILS** FENCE AND GATE DETAILS

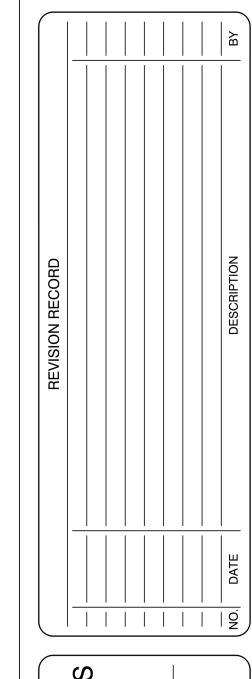
300 N. THIRD STREET, SUITE 301

WILMINGTON, NC 28401 (t)910-762-4200 (f)910-762-4201

WWW.WKDICKSON.COM

NC LICENSE NO.F-0374

PROFESSIONAL SEAL



DESIGN BY: KLM DRAWN BY: AAA PROJ. DATE: JAN 2021 DRAWING NUMBER:

PROJ. MGR.: KLM

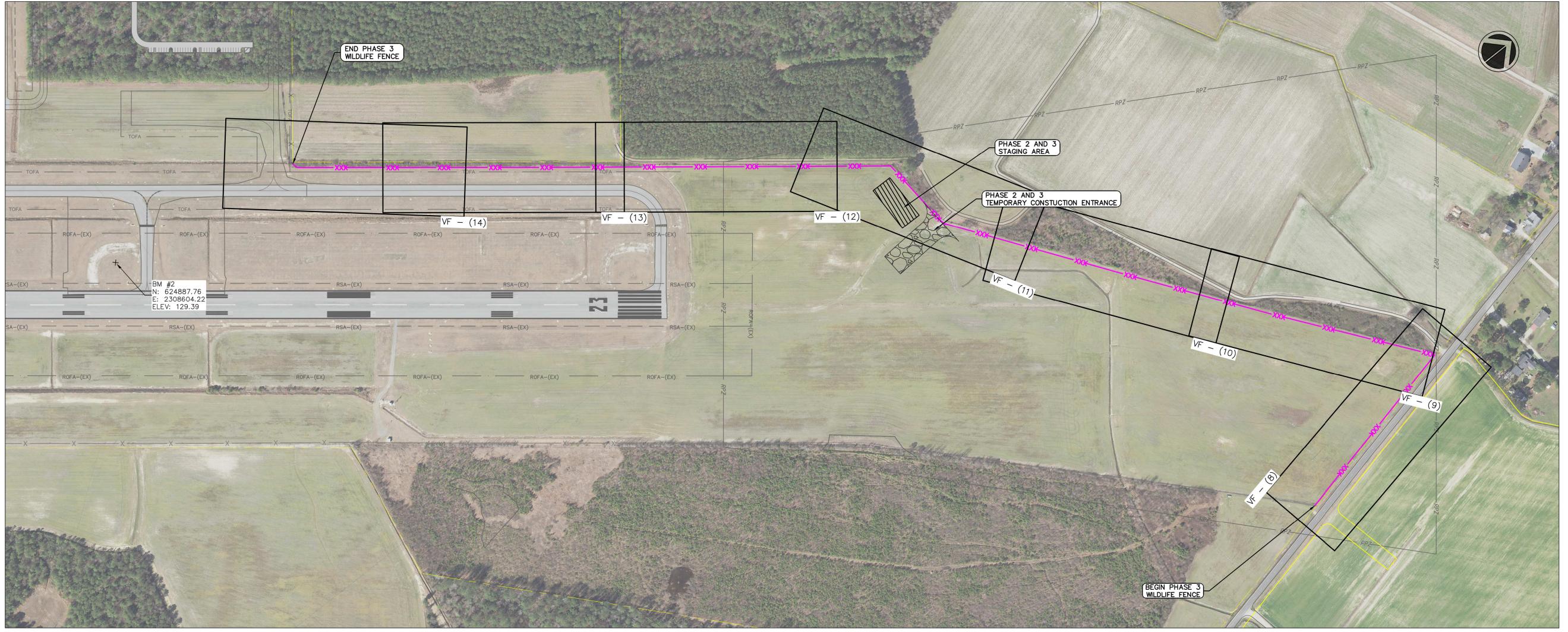
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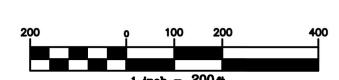
AIRPORT CONTACT:

AIRPORT OPERATIONS MANAGER MARK LOVEDAY: (919) 734-7630 UNICOM RADIO FREQUENCY: 122.975



SITE LAYOUT NOTES:

- 1. TOTAL FENCE LENGTH FOR PHASE 3: 1.1. WILDLIFE FENCE: 4,820 FT
- CONTRACTOR IS TO VERIFY LOCATION OF EXISTING FENCE AND SHALL REPORT ANY DISCREPANCIES TO THE OWNER AND ENGINEER PRIOR TO STAKING PROPOSED ALIGNMENT.
- ALL EXISTING FENCE IS TO BE REMOVED WITHIN THE LIMITS OF THIS PROJECT.
 CONTRACTOR IS TO VERIFY THAT EXISTING FENCE TO BE REMOVED IS WITHIN THE
 PERMITTED WORK AREA.
- 4. WORK IS PERMITTED WITHIN 15' OF FENCE CENTERLINE ON EACH SIDE. 4' OF DISTURBANCE IS PERMITTED FOR WILDLIFE SKIRT INSTALLATION/
- 5. TOTAL DISTURBED AREA FOR PHASE 3: 0.45 AC
- CONTRACTOR IS RESPONSIBLE FOR ALL SURVEYING AND STAKING DURING CONSTRUCTION. CONTRACTOR SHALL STAKE THE PROPOSED FENCE LINE FOR OWNER APPROVAL PRIOR TO CONSTRUCTION.
- 7. AREAS TO BE DISTURBED FOR INSTALLATION ARE TO BE STABILIZED PER THE SEEDING DETAIL 2/SHEET 07.
- 8. OWNER SUPPLIED RESTRICTED AREA AND NO TRESPASSING WARNING SIGNS TO BE INSTALLED ON THE OUTSIDE OF THE FENCE EVERY 200 FEET AND AT GATES. INSTALLATION OF OWNER SUPPLIED SIGNS SHALL BE INCIDENTAL TO THE COST OF THE FENCE AND GATES.



DICKSON
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WWW.WKDICKSON.COM

NC LICENSE NO.F-0374

PROFESSIONAL SEAL

| NO. | DATE | DESCRIPTION | BY

PHASE 3 PERIMETER FENCING IMPROVE
FOR THE
WAYNE EXECUTIVE JETPORT
DRAWING TITLE:

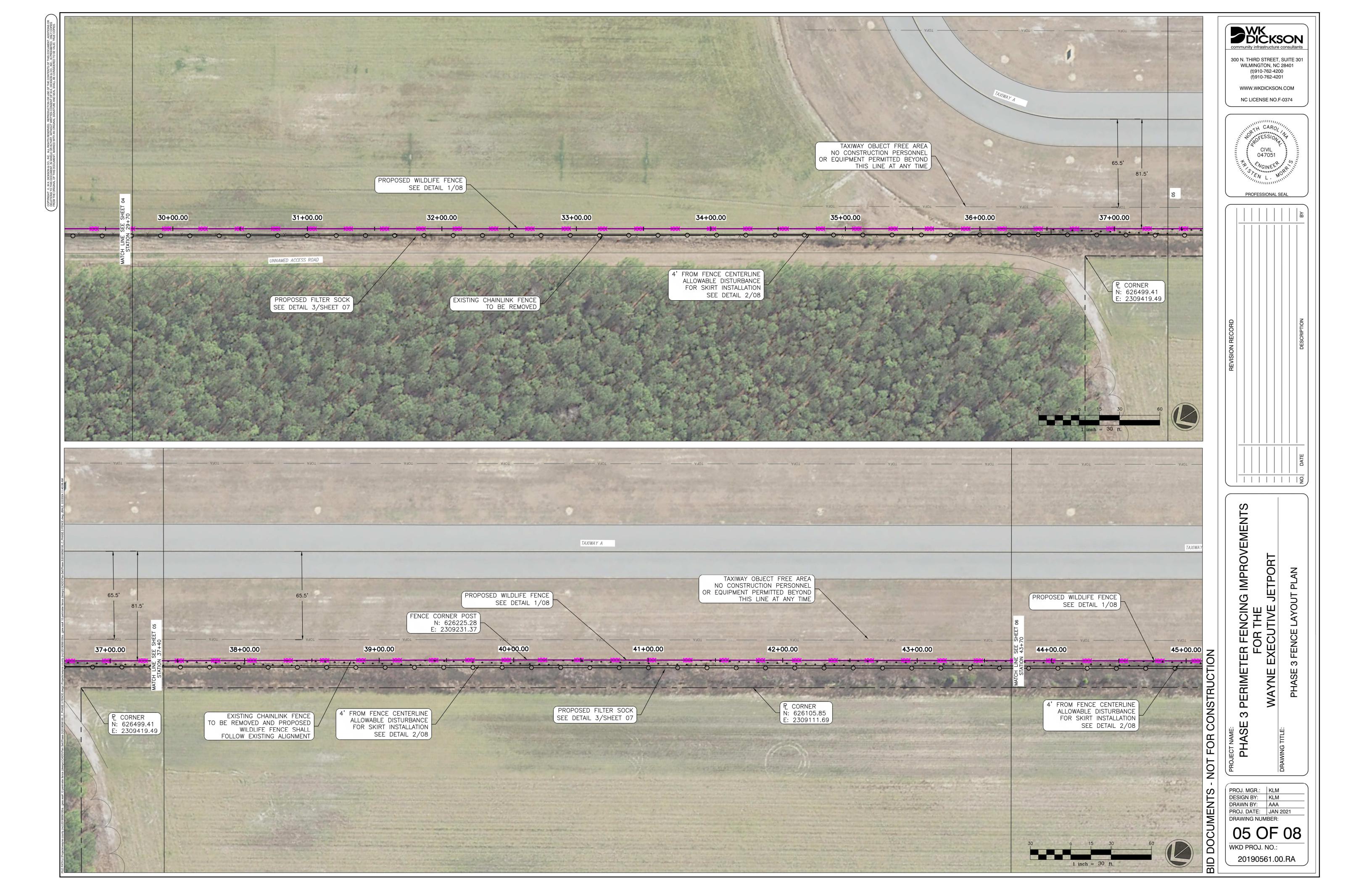
PROJ. MGR.: KLM
DESIGN BY: KLM
DRAWN BY: AAA
PROJ. DATE: JAN 2021
DRAWING NUMBER:

02 OF 08
WKD PROJ. NO.:

20190561.00.RA







BID DOCUMENTS

NOT FOR CONSTRUCTION OJECT NAME:
PHASE

PROJ. MGR.: KLM
DESIGN BY: KLM
DRAWN BY: AAA
PROJ. DATE: JAN 2021
DRAWING NUMBER:

300 N. THIRD STREET, SUITE 301 WILMINGTON, NC 28401 (t)910-762-4200 (f)910-762-4201 WWW.WKDICKSON.COM

NC LICENSE NO.F-0374

CIVIL 047051

PROFESSIONAL SEAL

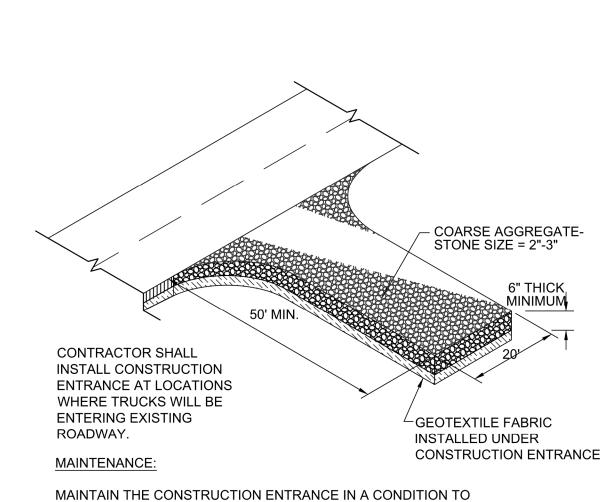
JETPORT

WAYNE

PHASE 3 FENCE LAYOUT PLAN

06 OF 08

WKD PROJ. NO.: 20190561.00.RA



PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH 2-INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.



TEMPORARY SEEDING - LATE WINTER/EARLY SPRING

SEEDING MIXTURE SPECIES

RATE (LB/ACRE)

RYE (GRAIN) 12
ANNUAL LESPEDEZA (KOBE IN PIEDMONT 5
AND COASTAL PLAIN, KOREAN IN MOUNTAINS)

OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.

OFFDINO DATEO

SEEDING DATES

MOUNTAINS - ABOVE 2500 FT: FEB. 15-MAY 15

BELOW 2500 FT: FEB. 1-MAY 1

PIEDMONT - JAN. 1-MAY 1

COASTAL PLAIN - DEC.1-APR. 15

SOIL AMENDMENTS
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE
GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10
FERTILIZER.

ULCH

APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED,
REFERTILIZE AND MULCH IM- MEDIATELY FOLLOWING EROSION OR

TEMPORARY SEEDING SCHEDULE - FALL

SEEDING MIXTURE
SPECIES RATE (L

OTHER DAMAGE.

SPECIES RATE (LB/ACRE)

MOUNTAINS—AUG. 15 — DEC. 15

RYE (GRAIN)

SEEDING DATES

COASTAL PLAIN AND PIEDMONT—AUG. 15 - DEC. 30

SOIL AMENDMENTS

FOLLOW SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE

AND 1,000 LB/ACRE 10-10-10 FERTILIZER.

MULCH
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT,
NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY
STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOPDRESS WITH
50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND
TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/ACRE KOBE
(PIEDMONT AND COASTAL PLAIN) OR KOREAN (MOUNTAINS) LESPEDEZA IN

TEMPORARY SEEDING SCHEDULE - SUMMER

SEEDING MIXTURE SPECIES

RATE (LB/ACRE)

GERMAN MILLET

IN THE PIEDMONT AND MOUNTAINS, A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE.

SEEDING DATES
MOUNTAINS - MAY 15-AUG. 15
PIEDMONT - MAY 1-AUG. 15
COASTAL PLAIN - APR. 15-AUG. 15

SOIL AMENDMENTS
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000
LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE

10-10-10 FERTILIZER.

APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS AN ANCHORING TOOL.

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

PERMANENT SODDING SCHEDULE

SEE SPECIFICATION ITEM T-904 FOR ADDITIONAL SOD

GENTLE SLOPES, SOILS WITH AVERAGE OR BETTER MOISTURE, COOL

<u>TYP</u>E

AUG. 25 - SEPT. 15

BLEND OF TWO TURF-TYPE 200 - 250 LB/ACRE TALL FESCUES (90%) AND

DATES TWO OR MORE KENTUCKY BLUEGRASS VARIETIES (10%)

GENTLE SLOPES, DRIER SOILS, PHYSICAL LIMITATIONS

AUG. 25 - SEPT. 15

BLEND OF 50% KY-31 TALL
FESCUE AND 50% MIXTURE

RATE

200 - 250 LB/ACRE

T)/D5

OF TWO OR MORE TURF TYPE TALL FESCUES

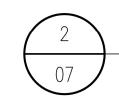
APRIL 15 - JUNE 30 COMMON BERMUDA GRASS - 80 LB/ACRE OR

DATES

DATES

AMENDMENTS SHALL BE APPLIED AT THE RATE OF 4000 LB/ACRE OF GROUND AGRICULTURAL LIMESTONE AND 1000 LB/ACRE OF 10-10-10 FERTILIZER. DRY SOIL, GRASS-LINED CHANNELS SHALL USE 3000 LB/ACRE OF GROUND AGRICULTURAL LIMESTONE AND 500 LB/ACRE OF 10-10-10 FERTILIZER. MULCH SHALL BE APPLIED AT THE RATE OF 4000 LB/ACRE OF STRAW. STRAW SHALL BE ANCHORED BY TACKING WITH ASPHALT. NETTING OR MULCH ANCHORING TOOL. JUTE OR EXCELSIOR MATTING SHALL BE USED IN GRASS LINED CHANNELS TO CALCULATED HIGH WATER DEPTH.

GROUND COVER SCHEDULE SITE AREA DESCRIPTION STABILIZATION TIME FRAME STABILIZATION TIME FRAME EXCEPTIONS PERIMETER DIKES, SWALES, DITCHES AND 7 DAYS SLOPES HIGH QUALITY WATER (HQW) ZONES IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT SLOPES STEEPER THAN 3:1 7 DAYS STEEPER THAN 2:1, 14 DAYS ARE ALLOWED 7 DAYS FOR SLOPES GREATER THAN 50 FEET IN SLOPES 3:1 OR FLATTER 14 DAYS ALL OTHER AREAS WITH SLOPES FLATTER 14 DAYS NONE (EXCEPT FOR PERIMETERS AND HQW ZONES) THAN 4:1



SEEDING SCHEDULE

NTS

EROSION AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR SHALL PROVIDE SILT FENCE AND /OR CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED. GRADED

2. EXCEPT AS PROVIDED BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER A CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

AND STABILIZED WITH GRASSING IMMEDIATELY AFTER CONSTRUCTION.

3. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED (e.g. THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITIES TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

4. CONTRACTOR'S TEMPORARY EROSION CONTROL - TEMPORARY DRAINS, SILT FENCING, HAY BALES AND DRAINAGE DITCHES, ETC., NOT SHOWN ON THE PLANS, OR NOTED HEREIN, SHALL BE INSTALLED BY THE CONTRACTOR TO INTERCEPT OR DIVERT SURFACE WATER RUNOFF WHICH MAY AFFECT THE WORK. THESE DRAINS AND DITCHES SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THE CONTRACT. UPON COMPLETION, THE CONTRACTOR SHALL RESTORE THE SITE TO ITS ORIGINAL CONDITION.

5. SPECIFICATIONS ARE PROVIDED AS OUTLINE REQUIREMENTS FOR THE CONTRACTOR TO APPLY WATER, CHEMICALS, VEGETATION OR OTHER MATERIALS TO PREVENT THE OCCURRENCE OF DUST WHICH WILL BE OBJECTIONABLE TO THE OPERATIONS/USERS OF THE AIRPORT AS OUTLINED IN THE PROJECT SPECIAL PROVISIONS, NO SEPARATE PAYMENT WILL BE MADE. CONTRACTOR SHALL ALSO BE OBLIGATED TO DISCONTINUE OPERATIONS WHICH VIOLATE EXISTING LAWS AND REGULATIONS.

S. CONTRACTOR SHALL LIMIT AREAS OF DISTURBANCE DURING THE COURSE OF THE PROJECT, AND STABILIZE AREAS AS WORK IS COMPLETED. NO SEPARATE MEASUREMENT WILL BE MADE FOR PAYMENT FOR AREAS REQUIRING RE-DRESSING BEYOND THE PROPOSED SODDING AREAS INDICATED, THIS WORK SHALL BE PAID AT THE CONTRACTORS EXPENSE.

. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED BY THE CONTRACTOR EVERY SEVEN (7) DAYS OR AFTER EACH RAINFALL OCCURRENCE THAT EXCEEDS ONE-HALF (1/2) INCH. DAMAGED OR INEFFECTIVE DEVICES SHALL BE REPAIRED OR REPLACED AS NECESSARY BY THE CONTRACTOR, NO SEPARATE PAYMENT WILL BE MADE.

8. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.

9. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY CONSTRUCTION AREAS. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS REQUIRED.

EROSION CONTROL MAINTENANCE REQUIREMENTS:

- SHOULD THE FILTER SOCK TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.

REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FILTER SOCK. TAKE CARE TO AVOID UNDERMINING THE FILTER SOCK DURING CLEANOUT.

- REMOVE ALL FILTER SOCK MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY

ALIGN FILTER FABRIC ROLLS END TO END IN LOCATIONS SHOWN ON SHEET C6 & OVERLAP STAPLED FABRIC INTO THE GROUND PLAN VIEW 2" X 2" WOOD STAKES OR 1.25 #/FT STEEL POST 12" DIA. FILTER SOCK

FILTER SOCK DETAIL NOTES

A. RANGE OF PH IS 5.0-8.0 IN ACCORDANCE WITH TMECC 04.11-A, "ELECTROMETRIC PH DETERMINATIONS FOR COMPOST"

B. PARTICLE SIZE - 99% PASSING A 2 IN (50MM) SIEVE WITH A RANGE OF 30%-50% PASSING A 3/8 IN (9.5MM) SIEVE, IN ACCORDANCE WITH TMECC 02.02-B, "SAMPLE SIEVING FOR AGGREGATE SIZE CLASSIFICATION". (NOTE- IN THE FIELD, PRODUCT COMMONLY IS BETWEEN ½ IN [12.5MM] AND 2 IN [50MM] PARTICLE SIZE).

C. MESH OPENING SIZE SHALL BE BETWEEN 1/8" AND 3/8".

D. MOISTURE CONTENT OF LESS THAN 60% IN ACCORDANCE WITH STANDARDIZED TEST METHODS FOR MOISTURE DETERMINATION.

E. MATERIAL SHALL BE RELATIVELY FREE (<1% BY DRY WEIGHT) OF INERT OR FOREIGN MAN MADE MATERIALS.

F. A SAMPLE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO BEING USED AND MUST COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

G. EXAMPLES OF MEDIA THAT MAY BE USED INCLUDE UNTREATED AND NON-PAINTED WOOD PALLETS, AND CLEAN LAND CLEARING DEBRIS OR TREE CHIPS PROVIDED THEY MEET THE CRITERIA SHOWN ABOVE.

H. FILTER SOCK SHALL BE FILTREXX FILTER SOCK, OR APPROVED EQUAL.

NOTES:

THE ROCK SHALL BE PLACED AS DIRECTED BY THE ENGINEER OR THE RESIDENT PROJECT REPRESENTATIVE (RPR) TO PREVENT THE DISCHARGE OF SOIL INTO WETLANDS AND/OR STREAMS. COMPENSATION FOR FILTER SOCK SHALL BE UNDER ITEM C-102 PER LINEAR FOOT.

2. ONCE FINAL STABILIZATION IS ACHIEVED, AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE STAKES, CUT MESH FOR FILTER SOCK AND SPREAD MULCH ON THE SURROUNDING GROUND. IF A NON-BIODEGRADABLE MESH IS USED, THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF THE MESH.

07

FILTER SOCK DETAIL

NT

 FILTER SOCK - INSPECT AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.

THE FILTER SOCK DURING CLEANOUT.

S - NOT FOR CONSTRUCTION

PROJECT NAME:
PHASE 3 PERIMETER FENCING IMP
FOR THE
WAYNE EXECUTIVE JETPO

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PROFESSIONAL SEAL

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DESIGN BY: KLM
DRAWN BY: AAA
PROJ. DATE: JAN 2021
DRAWING NUMBER:

07 OF C

WKD PROJ. NO.: 20190561.00.RA

