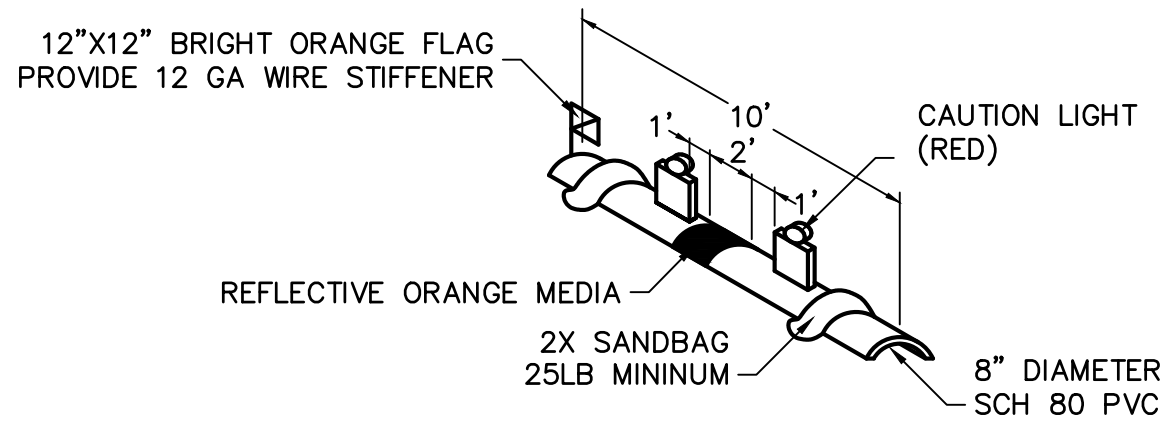


SAFETY NOTES:

- AIRPORT OPERATIONS – THE CONTRACTOR SHALL APPOINT SAFETY OFFICERS IN ACCORDANCE WITH THE PROJECT MANUAL. THE CONTRACTOR SHALL ALSO ACQUAINT ALL SUPERVISORS AND EMPLOYEES WITH THE ACTIVITIES OF THE APALACHICOLA REGIONAL AIRPORT AND OPERATIONS THAT ARE INHERENT AT THIS ACTIVE AIRPORT AND SHALL CONDUCT CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND GUIDELINES ON SAFETY SPECIFIED IN THE PROJECT MANUAL AND AS SPECIFIED BY THE FIELD REPRESENTATIVE AND THE FAA.
- VEHICLE IDENTIFICATION – ALL CONTRACTOR VEHICLES THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3' X 3' OR LARGER ORANGE AND WHITE CHECKERED FLAG, EACH CHECK BEING 1' SQUARE. COMPANY DECALS WITH NOT LESS THAN 6" LETTERS MAY BE SUBSTITUTED FOR FLAGS ON SUPERVISORY VEHICLES AND LIGHT TRUCKS. ALL VEHICLES OPERATING IN THE ACTIVE AIRPORT OPERATIONS AREA (AOA) DURING THE HOURS OF DARKNESS SHALL BE EQUIPPED WITH A FLASHING YELLOW DOME – TYPE LIGHT MOUNTED ON TOP OF THE VEHICLE AND OF SUCH INTENSITY TO CONFORM TO LOCAL CODES FOR MAINTENANCE AND EMERGENCY VEHICLES.
- GROUND CONTROL – NO CONTRACTOR VEHICLES OR EQUIPMENT SHALL ACCESS OR CROSS ACTIVE RUNWAYS, TAXIWAYS, OBJECT FREE AREAS AND APPROACH CLEAR ZONES EXCEPT AT THOSE LOCATIONS SHOWN ON THE SAFETY DURING CONSTRUCTION PLAN. ACCESS ONTO THE EXISTING APRON SHALL BE LIMITED TO THE SOUTHERNMOST 40 FT OF THE APRON PAVEMENT. CONTRACTOR SHALL YIELD RIGHT-OF-WAY TO AIRCRAFT AT ALL TIMES.
- WORK REQUIRING PAVEMENT CLOSURE SHALL BE PERFORMED IN ACCORDANCE WITH THE SAFETY PLANS AND THE PROJECT MANUAL. NO RUNWAY, TAXIWAY, APRON OR AIRPORT ROADWAY SHALL BE CLOSED WITHOUT APPROVAL OF AIRPORT MANAGEMENT. TO ENABLE NECESSARY NOTICES TO AIRMEN (NOTAMS) OR ADVISORIES TO AIRPORT SERVICES OR TENANTS, A MINIMUM OF SEVENTY-TWO (72) HOURS WRITTEN NOTICE OF REQUESTED CLOSING SHALL BE DIRECTED TO THE OWNER, WHO WILL COORDINATE THE REQUEST WITH FAA AND AIRPORT OPERATIONS.
- OPEN TRENCHES – ANY CONSTRUCTION ABOVE 3" OR OPEN TRENCHES IN EXCESS OF 3" WITHIN 75' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 39.5' FROM AN ACTIVE TAXIWAY CENTERLINE WILL REQUIRE CLOSURE OF THE AFFECTED RUNWAY OR TAXIWAY, UNLESS OTHERWISE APPROVED BY THE OWNER. (SEE NOTE 4 ABOVE). ALL TRENCHING MUST BE CONSTRUCTED TO MEET ALL FEDERAL, STATE (FLORIDA TRENCH SAFETY ACT) AND LOCAL LAWS (INCLUDES OSHA STANDARDS).
- TRENCH MARKING – OPEN TRENCHES AND EXCAVATIONS LOCATED WITHIN 200' FROM AN ACTIVE TAXIWAY CENTERLINE SHALL BE PROMINENTLY MARKED WITH FLAGS AND LIGHTED BY APPROVED LIGHT UNITS (FLARE POTS NOT ALLOWED) DURING HOURS OF RESTRICTED VISIBILITY AND DARKNESS. THE CONTRACTOR WILL ENSURE THAT AN EMPLOYEE REMAINS ON-CALL TWENTY-FOUR (24) HOURS PER DAY FOR EMERGENCY MAINTENANCE OF HAZARD LIGHTING AND BARRICADES. NO OPEN TRENCHES ARE PERMITTED ADJACENT TO ACTIVE AOA, UNLESS APPROVED BY AIRSIDE OPERATIONS. THESE TRENCHES SHALL BE BACKFILLED WHEN THE CONTRACTOR IS NOT PERFORMING CONSTRUCTION IN THESE TRENCHES. DITCHES OR EXCAVATIONS PERMITTED TO REMAIN OPEN SHALL BE COMPLETELY ENCLOSED WITHIN AIRPORT-TYPE BARRICADES AND PROPERLY LIGHTED. INDIVIDUAL FLAGS AND/OR LIGHTS WILL NOT BE PERMITTED AROUND OPEN TRENCHES/EXCAVATIONS DURING NIGHTTIME HOURS.
- OPEN FLAME – OPEN FLAME, WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN TAKEN AND THE PROCEDURE APPROVED BY AIRPORT OPERATIONS.
- STOCKPILE EROSION AND DUST CONTROL – STOCKPILED MATERIAL AND OPEN EXCAVATIONS SHALL BE TREATED IN SUCH A MANNER AS TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT BLAST OR WIND CONDITIONS IN EXCESS OF 10 KNOTS. STOCKPILED MATERIALS SHALL NOT BE PERMITTED WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR 65.5' FROM AN ACTIVE TAXIWAY CENTERLINE.
- DEBRIS CONTROL – DEBRIS, WASTE AND LOOSE MATERIAL SHALL NOT BE ALLOWED ON ACTIVE AIRCRAFT MOVEMENT AREAS OR APRONS. IF OBSERVED TO BE ON ACTIVE AIRCRAFT MOVEMENT AREAS OR APRONS, THE MATERIAL WILL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. THE FIELD REPRESENTATIVE MAY DIRECT THAT DEBRIS PROBLEMS DURING CONSTRUCTION NOT CORRECTED BY THE CONTRACTOR BE CORRECTED BY OTHERS AT THE EXPENSE OF CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE PAVEMENTS ADJACENT TO THE WORK AREA CLEAR OF DEBRIS AND FOD AT ALL TIMES.
- INSPECTION BY OPERATIONS – PRIOR TO OPENING FOR AIRCRAFT USE AND THE DEPARTURE OF THE CONTRACTOR'S WORK CREWS, THE FIELD REPRESENTATIVE WILL ARRANGE FOR INSPECTION BY AIRPORT OPERATIONS OF ANY RUNWAY, TAXIWAY SAFETY AREA, OR APRON THAT HAS BEEN CLOSED FOR WORK, OR THAT HAS BEEN USED FOR A CROSSING POINT OR HAUL ROUTE BY THE CONTRACTOR. THESE AREAS MUST COMPLY WITH THE SAFETY REQUIREMENTS DEFINED BY FEDERAL AVIATION REGULATIONS PART 139 AND INTERPRETED BY THE DESIGNATED OPERATION'S INSPECTOR BEFORE PERMISSION FOR THE CONTRACTOR'S WORK CREWS TO DEPART WILL BE GRANTED.
- NO SMOKING SHALL BE ALLOWED WITHIN THE AOA.
- DESIGNATED AIRPORT REPRESENTATIVE SHALL HAVE THE AUTHORITY TO DISCONTINUE CONSTRUCTION OPERATIONS AT ANY TIME, FOR ANY REASON. THE AIRPORT REPRESENTATIVE CAN REQUIRE THE CONTRACTOR TO LEAVE THE AIRSIDE AOA AND/OR AIRPORT PROPERTY AND EVACUATE THE WORK AREA WITHIN THIRTY (30) MINUTES AFTER RECEIVING NOTICE.



CAUTION LIGHTS TO BE RED IN COLOR AND FLASHING DURING HOURS OF DARKNESS OR REDUCED VISIBILITY. UNITS TO BE PLACED ADJACENT TO EACH OTHER. ALTERNATE TYPES OF BARRICADES MAY BE APPROVED ON A CASE BY CASE BASIS. PAYMENT FOR BARRICADES SHALL BE INCIDENTAL TO PAY ITEM M-101.

CONSTRUCTION BARRICADE DETAIL

N.T.S.

SECURITY NOTES:

- GENERAL – THE CONTRACTOR SHALL COMPLY WITH ALL SECURITY REQUIREMENTS SPECIFIED IN THE CONTRACT MANUAL. THE CONTRACTOR SHALL DESIGNATE IN WRITING TO THE FIELD REPRESENTATIVE, THE NAME OF THE "CONTRACTOR SECURITY OFFICER". THE CONTRACTOR SECURITY OFFICER SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS OF THE CONTRACT.
- CONSTRUCTION SECURITY COMMITTEE – A COMMITTEE SHALL BE ESTABLISHED CONCURRENT WITH THE LIFE OF THIS CONTRACT TO MONITOR AND COORDINATE SECURITY PROVISIONS, ADOPT NEW SECURITY PROVISIONS IF REQUIRED AND REVIEW AND APPROVE ALL MATTERS OF AIRPORT SECURITY RELATING TO THIS CONTRACT. MEETINGS SHALL BE SCHEDULED BY THE FIELD REPRESENTATIVE. COMMITTEE MEMBERSHIP SHALL INCLUDE THE CONTRACTOR SECURITY OFFICER, FIELD REPRESENTATIVE AND AIRPORT OPERATIONS.
- CONTRACTOR PERSONNEL SECURITY ORIENTATION – THE CONTRACTOR SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON THESE REQUIREMENTS AND, FROM TIME TO TIME, OTHER SECURITY PROVISIONS ADOPTED BY THE CONSTRUCTION SECURITY COMMITTEE. ALL NEW CONTRACTOR EMPLOYEES SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREA.
- ACCESS TO THE SITE – CONTRACTOR'S ACCESS TO THE SITE SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE FIELD REPRESENTATIVE. THE CONTRACTOR SHALL NOT PERMIT ANY UNAUTHORIZED PERSONNEL OR TRAFFIC ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL TO AND FROM THE VARIOUS CONSTRUCTION AREAS ON THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR THE IMMEDIATE CLEANUP OF ANY DEBRIS DEPOSITED ALONG ANY ACCESS ROAD AS A RESULT OF THE CONSTRUCTION TRAFFIC. DIRECTIONAL SIGNING AT THE ACCESS GATE AND ALONG THE DELIVERY ROUTE TO THE STORAGE AREA OR WORK SITE SHALL NOT BE PERMITTED.
- MATERIALS DELIVERY TO THE SITE – ALL CONTRACTOR'S MATERIAL ORDERS FOR DELIVERY TO THE SITE WILL USE THE ACCESS POINT AT THE CONTRACTOR'S STAGING AREA AS A DELIVERY ADDRESS AT THE AIRPORT. ALL ASSOCIATED COSTS SHALL BE INCIDENTAL TO VARIOUS OTHER BID ITEMS.
- CONSTRUCTION AREA LIMITS – THE LIMITS OF CONSTRUCTION, MATERIAL STORAGE AREAS, EQUIPMENT STORAGE AREA, PARKING AREA AND OTHER AREAS REQUIRED FOR THE CONTRACTOR'S EXCLUSIVE USE DURING CONSTRUCTION SHALL BE MARKED BY THE CONTRACTOR AND APPROVED BY THE FIELD REPRESENTATIVE. THE CONTRACTOR SHALL ERECT AND MAINTAIN SUITABLE FENCING, SIGNAGE AND WARNING DEVICES VISIBLE FOR BOTH DAY/NIGHT USE TO DELINEATE THE PERIMETER OF ALL SUCH AREAS.
- VEHICLE IDENTIFICATION – THE CONTRACTOR, THROUGH THE CONTRACTOR SECURITY OFFICER, SHALL ESTABLISH AND MAINTAIN A LIST OF CONTRACTOR AND SUBCONTRACTOR VEHICLES AUTHORIZED TO OPERATE ON THE SITE. THE CONTRACTOR SECURITY OFFICER WILL REQUIRE EACH VEHICLE TO DISPLAY A LARGE COMPANY SIGN (WITH NOT LESS THAN 6" LETTERING) ON BOTH SIDES OF THE VEHICLE. THE CONTRACTOR SHALL PROVIDE A CURRENT LISTING OF VEHICLES AND COMPANIES AUTHORIZED TO ENTER AND CONDUCT WORK ON THE AIRPORT TO THE FIELD REPRESENTATIVE. CONTRACTOR'S EMPLOYEE PERSONAL VEHICLES SHALL BE RESTRICTED TO THE CONTRACTOR'S STAGING AREA OR CONTRACTOR'S EMPLOYEE PARKING AREA AND ARE NOT ALLOWED ON THE AIRFIELD AT ANY TIME.
- OPERATORS OF VEHICLES MUST POSSESS A VALID DRIVER'S LICENSE, FOR THE VEHICLE BEING OPERATED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EMPLOYEES DRIVING WITHIN THE AOA, AND SHALL LIMIT EMPLOYEE ACCESS TO RUNWAY AND TAXIWAY OBJECT FREE AREAS TO THOSE WHOSE FUNCTIONS ARE ABSOLUTELY NECESSARY. DRIVERS SHALL MONITOR APALACHICOLA UNICOM FREQUENCY AT ALL TIMES WHEN DRIVING WITHIN ANY RUNWAY OR TAXIWAY OBJECT FREE AREA, AND SHALL BE PREPARED TO LEAVE THE AREA IMMEDIATELY IF NECESSARY.
- ALL ACCESS GATES SHALL REMAIN LOCKED OR MONITORED AT ALL TIMES. THE COST OF PROVIDING FLAGGER AND SECURITY GUARDS, IF NEEDED, SHALL BE INCIDENTAL AND INCLUDED IN THE VARIOUS CONTRACT ITEMS.

- ALL BARRICADE LIGHTING, TEMPORARY SIGNAGE AND COVERS SHALL BE VERIFIED BY THE CONTRACTOR FOR PROPER OPERATION AT THE END OF EACH DAY BEFORE THE CONTRACTOR CEASES OPERATION. THE INTENSITY OF THE LIGHTS AND THE SPACING FOR BARRICADES, SHALL BE ADEQUATE TO DELINEATE THE HAZARDOUS AREA WITHOUT AMBIGUITY. NO MORE THAN 10% OF THE LIGHTS FOR BARRICADES SHALL BE INOPERABLE AT ANY TIME, AND AT NO TIME SHALL TWO (2) CONSECUTIVE LIGHTS BE INOPERABLE. THE CONTRACTOR SHALL IMMEDIATELY REPLACE ANY BARRICADES, LIGHTS OR FLAGS WHICH IN THE OPINION OF THE FIELD REPRESENTATIVE OR AIRPORT OPERATIONS ARE NOT ADEQUATE.
- SAFETY GUIDELINES – IN THE INTEREST OF SAFETY, THE CONTRACTOR IS ALSO DIRECTED TO ACQUAINT HIS/HER EMPLOYEES WITH THE PROVISIONS OF THE FOLLOWING FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULARS:
 - 150/5370-2F – OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.
 - 150/5210-5D – PAINTING, MARKING AND LIGHTING OF VEHICLES USED ON AN AIRPORT
 - 150/5200-18C – AIRPORT SAFETY SELF-INSPECTION
 - 150/5340-1L – STANDARDS FOR AIRPORT MARKINGS
 - ORDER SW 5200.5B – SAFETY REQUIREMENTS ON AIRPORTS DURING AGENCY FUNDED CONSTRUCTION ACTIVITY
- AFTER COMPLETION OF WORK, THE CONTRACTOR SHALL RE-STRIPE ALL/ANY EXISTING RUNWAY, TAXIWAY, OR APRON MARKINGS WHICH WERE TEMPORARILY REMOVED FOR CONSTRUCTION OR DAMAGED DURING CONSTRUCTION, MATCHING ORIGINAL CONDITION.
- CONTRACTOR SHALL RELOCATE AND RESTORE AFTER COMPLETION OF CONSTRUCTION, ANY TAXIWAY CENTER LIGHTS, EDGE LIGHTS, OR GUIDANCE SIGNS THAT MAY EXIST WITHIN THE CONSTRUCTION AREA. IF REMOVED OR RELOCATED, CONTRACTOR SHALL PROVIDE "JUMPER CABLES" TO KEEP ELECTRICAL CIRCUITS IN OPERATION.
- CONTRACTOR SHALL REMOVE ALL EQUIPMENT FROM OBJECT FREE AREAS DURING HOURS OF AIRCRAFT OPERATIONS.
- CONTRACTOR SHALL COORDINATE WITH THE OWNER AND DESIGNATED AIRPORT REPRESENTATIVES FOR THE ISSUANCE OF NOTAMS BEFORE CONSTRUCTION BEGINS. PRIOR TO THE END OF THE WORK SHIFT, THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT, MATERIALS AND STOCK PILES FROM THE CONSTRUCTION AREA, AND SHALL SWEEP THE AREA FOR ALL LOOSE PARTICLES THAT MAY BE INGESTED BY JET ENGINES.
- ALL EQUIPMENT, MATERIAL AND CONSTRUCTION PERSONNEL SHALL BE KEPT AT LEAST 75' FROM CENTERLINE OF ACTIVE RUNWAY, 39.5' FROM AN ACTIVE TAXIWAY AT ALL TIMES.
- CONTRACTOR IS REQUIRED TO MONITOR RADIO COMMUNICATIONS AT ALL TIMES. CTAF (COMMON TRAFFIC ADVISORY FREQUENCY) & UNICOM FREQUENCY: 122.9 MHZ.
- NO EQUIPMENT OR MATERIALS SHALL EXCEED A HEIGHT OF 25 FT WITHOUT PRIOR APPROVAL FROM ENGINEER.
- THIS AIRPORT DOES NOT HAVE AN AIR TRAFFIC CONTROL TOWER.

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AVCON, INC.
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 www.avconinc.com

NO.	DATE	REVISION	BY

SAFETY AND SECURITY NOTES

RELEASE FOR BID

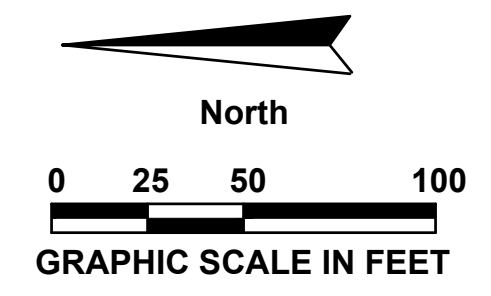
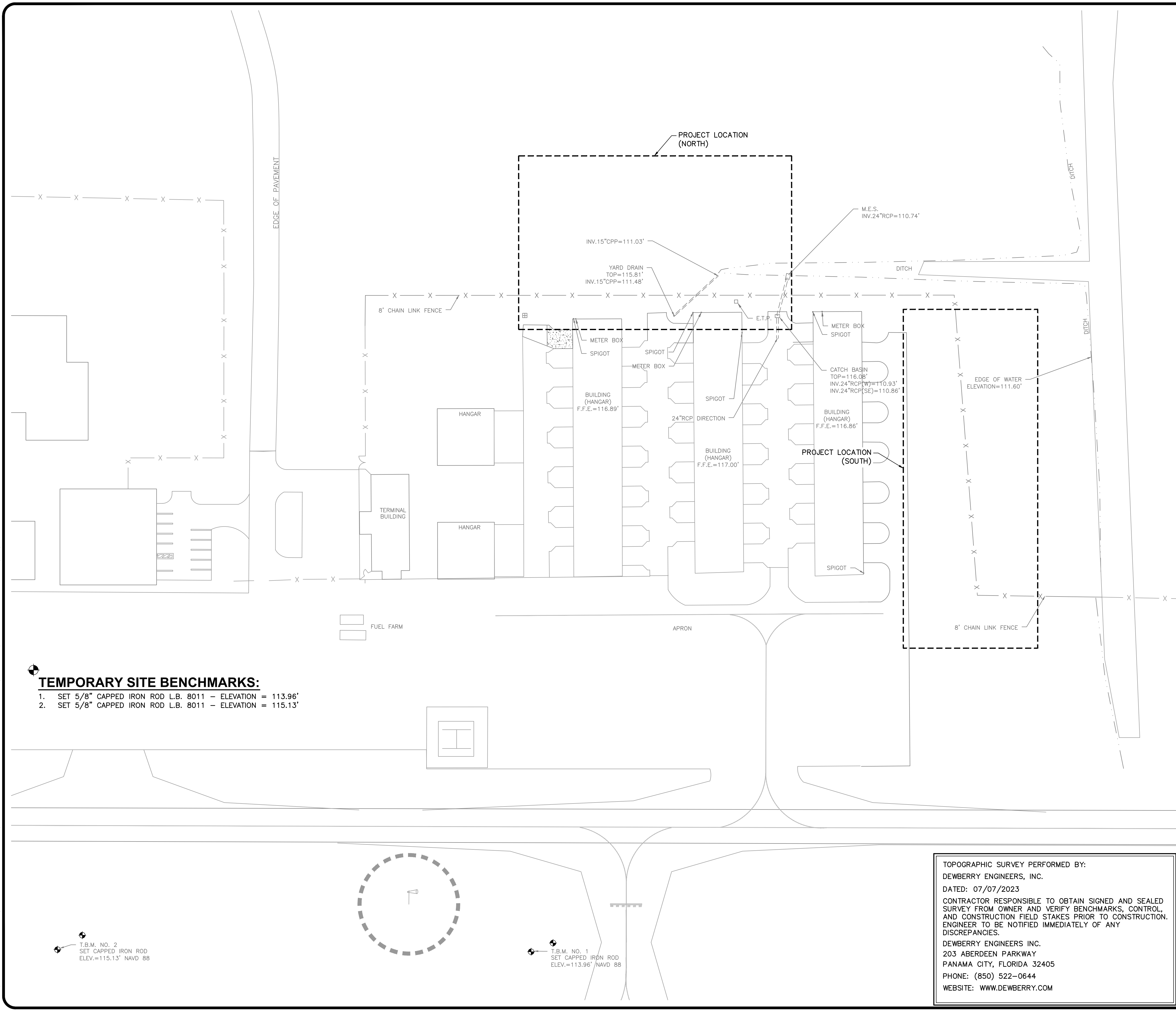
T-HANGAR DEVELOPMENT
 PREPARED FOR
CALHOUN COUNTY AIRPORT

DESIGNED BY: J.R.C.
 DRAWN BY: M.A.B.
 CHECKED BY: J.R.C.
 APPROVED BY: V.C.L.
 PROJECT NO: 2022.241.01
 DATE: AUGUST 2024

SHEET
G-4

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SURVEYOR'S NOTES:

1. BEARINGS SHOWN HEREON ARE REFERENCED TO FLORIDA STATE PLANE COORDINATES, NORTH ZONE, NAD 1983/2011, U.S. SURVEY FEET, ESTABLISHED WITH SPECTRA PRECISION EPOCH 80 GNSS RTK GPS SYSTEM, TOGETHER WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION PERMANENT REFERENCE NETWORK (FPRN).
2. VERTICAL DATUM SHOWN HEREON IS REFERENCED TO NAVD 1988.
3. THIS SURVEY, MAP, AND REPORT IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
4. NO UNDERGROUND UTILITIES, UTILITY LINES, FOUNDATIONS, OR OTHER UNDERGROUND STRUCTURES HAVE BEEN LOCATED BY DEWBERRY, EXCEPT AS SHOWN.
5. NO ATTEMPT HAS BEEN MADE BY DEWBERRY TO LOCATE OR DETERMINE ENVIRONMENTAL WETLAND LINES, IF ANY EXIST.
6. THE SURVEY DEPICTED HEREON WAS PREPARED IN ACCORDANCE WITH THE STANDARD OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS AS DEFINED IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.
7. DATE OF FIELD SURVEY: JULY 7, 2023.

TEMPORARY SITE BENCHMARKS:

1. SET 5/8" CAPPED IRON ROD L.B. 8011 - ELEVATION = 113.96'
2. SET 5/8" CAPPED IRON ROD L.B. 8011 - ELEVATION = 115.13'

T.B.M. NO. 2
SET CAPPED IRON ROD
ELEV.=115.13' NAVD 88

T.B.M. NO. 1
SET CAPPED IRON ROD
ELEV.=113.96' NAVD 88

TOPOGRAPHIC SURVEY PERFORMED BY:
DEWBERRY ENGINEERS, INC.
DATED: 07/07/2023
CONTRACTOR RESPONSIBLE TO OBTAIN SIGNED AND SEALED SURVEY FROM OWNER AND VERIFY BENCHMARKS, CONTROL, AND CONSTRUCTION FIELD STAKES PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
DEWBERRY ENGINEERS INC.
203 ABERDEEN PARKWAY
PANAMA CITY, FLORIDA 32405
PHONE: (850) 522-0644
WEBSITE: WWW.DEWBERRY.COM

SYMBOLS & ABBREVIATIONS:

- L.B. = LICENSED BUSINESS
- P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER
- F.F.E. = FINISHED FLOOR ELEVATION
- E.T.P. = ELECTRIC TRANSFORMER PAD
- INV. = INVERT
- M.E.S. = MITERED END SECTION
- CPP = CORRUGATED PLASTIC PIPE
- RCP = REINFORCED CONCRETE PIPE
- W = WATER VALVE
- X ELEV = SPOT ELEVATION AT "X"
- 114.0- = CONTOUR ELEVATION AT 1' INTERVALS
- [Pattern] = EXISTING ASPHALT PAVEMENT
- [Pattern] = EXISTING CONCRETE

AVCON, INC.
ENGINEERS & PLANNERS
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OFFICE: (850) 678-0050
CORPORATE CERTIFICATE OF
AUTHORIZATION NUMBER: 8057
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TRANSFORMING TODAY'S IDEAS
INTO TOMORROW'S REALITY

NO.	DATE	REVISION	BY

PROJECT LAYOUT AND SURVEY CONTROL PLAN

RELEASE FOR BID

T-HANGAR DEVELOPMENT

PREPARED FOR CALHOUN COUNTY AIRPORT

DESIGNED BY: J.R.C.

DRAWN BY: M.A.B.

CHECKED BY: J.R.C.

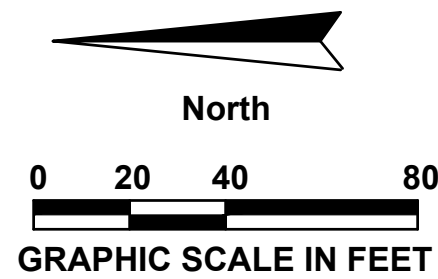
APPROVED BY: V.C.L.

PROJECT NO: 2022.241.01

DATE: AUGUST 2024

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GROUNDWATER CONTROL AND COMPACTION:

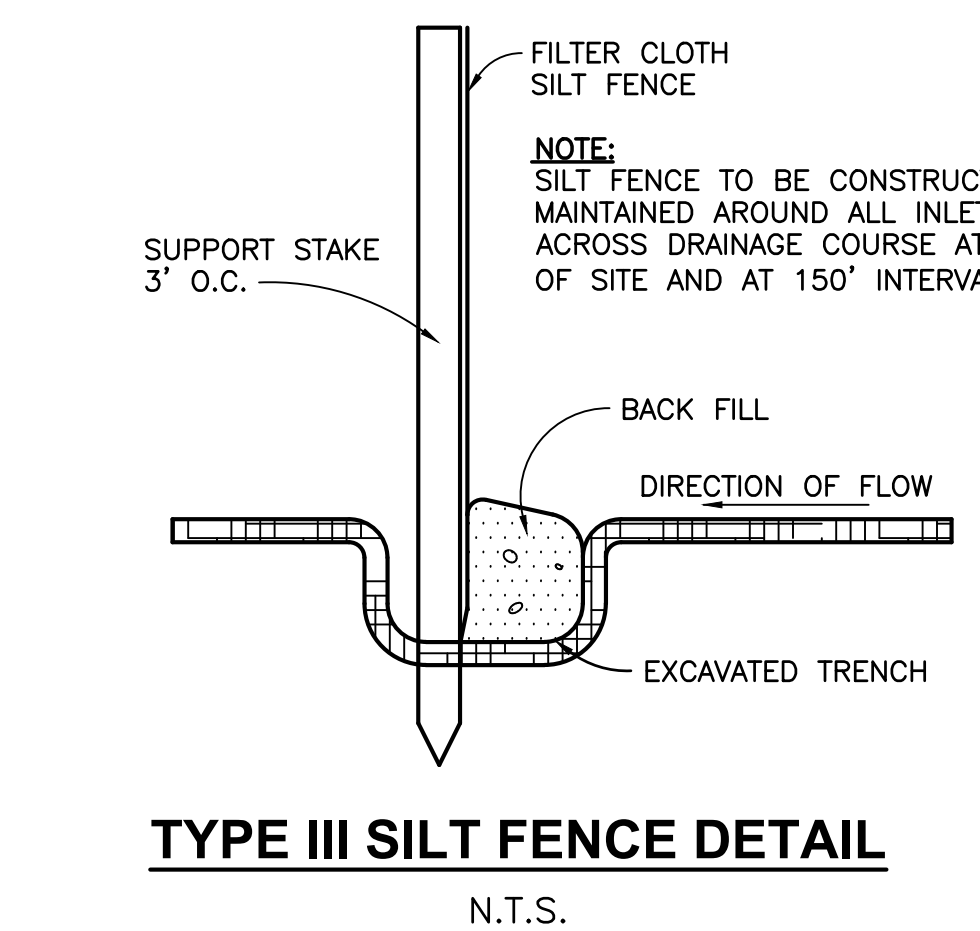
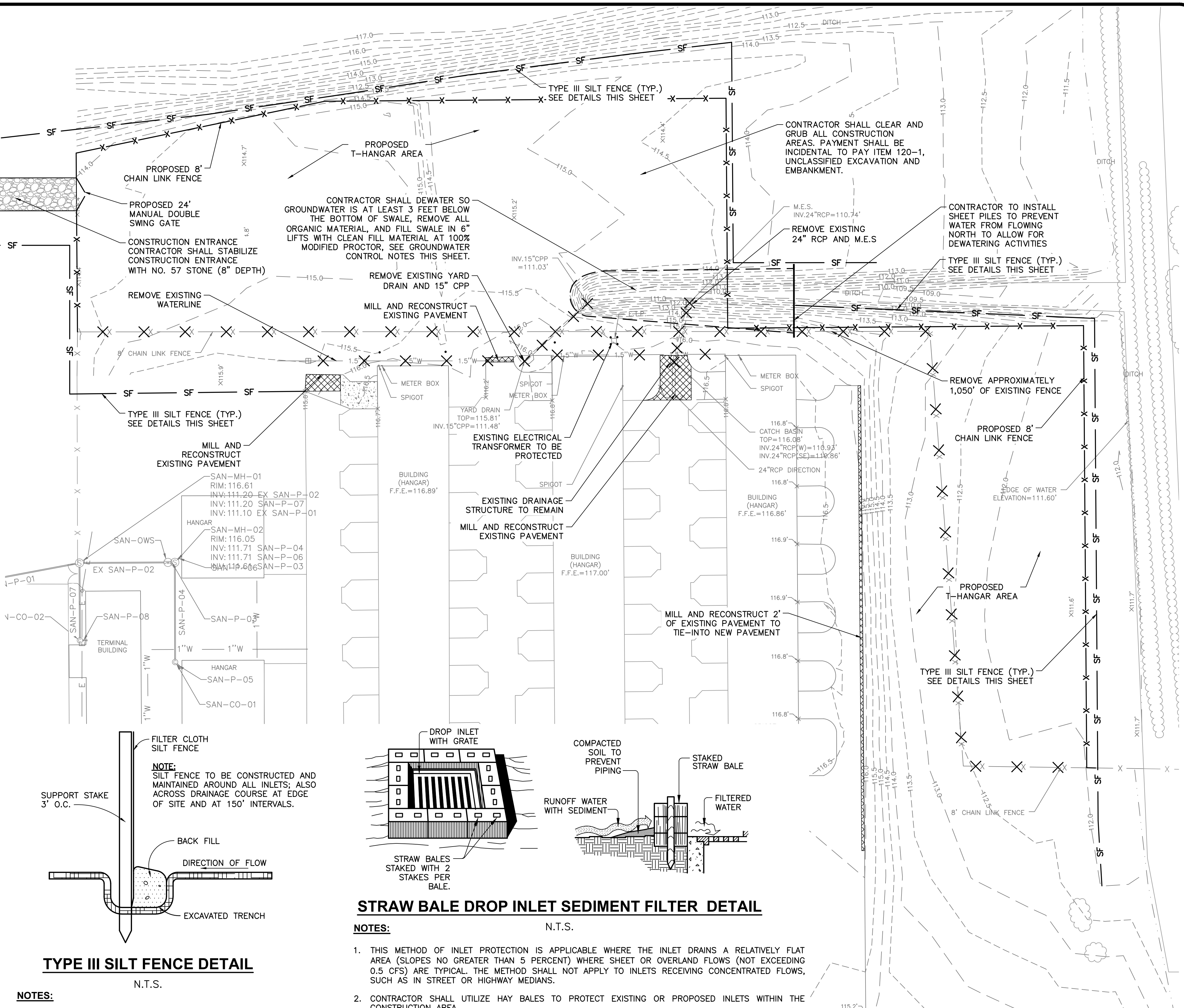
- CONTRACTOR SHALL FOLLOW ALL GROUNDWATER CONTROL AND FOUNDATION COMPACTION RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL ENGINEERING REPORT 10111-2023136 (AUGUST 31, 2023) AND PREPARED BY NOVA ENGINEERING AND ENVIRONMENTAL, LLC. GROUNDWATER WILL BE ENCOUNTERED DURING CONSTRUCTION OF THE FOUNDATION PAVEMENT SUBGRADE AND UTILITIES AND THE CONTRACTOR IS SOLELY RESPONSIBLE TO UTILIZE DEWATERING SYSTEMS DURING CONSTRUCTION TO MAINTAIN SEPARATION BETWEEN THE GROUNDWATER LEVEL AND THE DESIRED WORKING PLATFORMS FOR BELOW-GRADE WORK TO ACHIEVE THE REQUIRED SUBGRADE DENSITIES. ALL DEWATERING WORK SHALL BE PAID FOR UNDER THE DEWATERING PAY ITEMS.

GENERAL DEMOLITION NOTES:

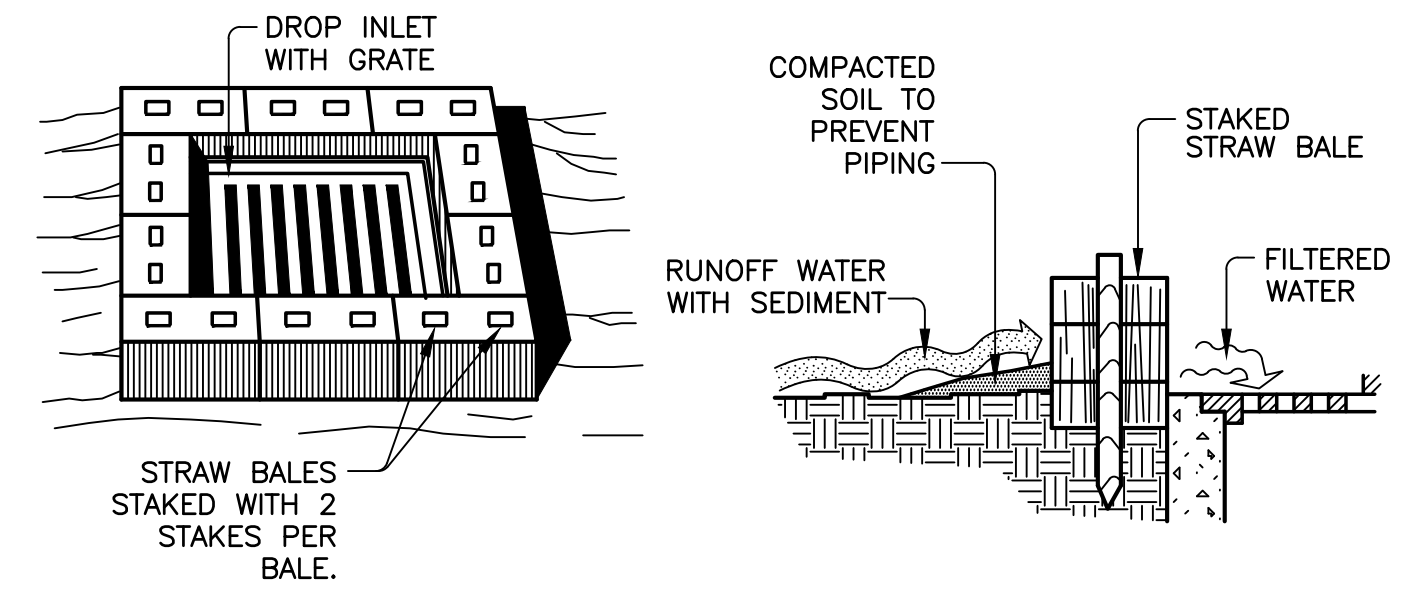
- THE LIMITS OF DEMOLITION SHOWN ON THE PLAN ARE APPROXIMATE. SEE GEOMETRY AND PAVING PLAN FOR EXACT LIMITS.
- THE CONTRACTOR SHALL PROTECT THE EXISTING FEATURES TO REMAIN. ANY DAMAGE TO PROTECTED EXISTING FEATURES SHALL BE REPAIRED AS SOON AS POSSIBLE AND THE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL SAWCUT THE EDGES AT ALL PAVEMENT TIE-INS, LONGITUDINAL AND TRANSVERSE JOINTS.
- THE TRANSPORT & DISPOSAL OF MATERIALS OFF-SITE SHALL BE INCIDENTAL TO THE ASSOCIATED PAY ITEMS (INCLUDING MILLINGS).
- THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE FLOW PATTERNS AT PRE-CONSTRUCTION LEVELS - WATER SHALL NOT BE ALLOWED TO ACCUMULATE IN EXCAVATIONS, OR ON THE BASE AND SURFACE OF PAVEMENT SURFACES. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE FACILITIES SUCH AS PUMPS, PIPES AND OTHER NECESSARY FACILITIES TO PROTECT THE SITE AND MAINTAIN DRAINAGE SYSTEM CONVEYANCE CAPACITY AND FLOW PATTERNS. THE TEMPORARY DRAINAGE FACILITIES SHALL BE PROVIDED UNTIL THE END OF THE PROJECT AND SHALL BE INCIDENTAL TO MOBILIZATION PAY ITEM 101-1.
- THE CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION, INCLUDING DEMOLITION OPERATIONS.
- SEE THIS SHEET FOR EROSION AND SEDIMENT CONTROL NOTES AND DETAILS.
- CONTRACTOR SHALL PHASE FENCE CONSTRUCTION AND REMOVAL OF EXISTING FENCE TO ENSURE A CONTINUOUS SECURED AIRPORT PERIMETER. ANY OPENINGS SHALL BE CONTINUOUSLY MONITORED BY THE CONTRACTOR'S DESIGNATED FLAGPERSON. NO FENCE OPENINGS WILL BE PERMITTED WITHOUT A DESIGNATED FLAGPERSON. CONTRACTOR SHALL ENSURE NO UNAUTHORIZED ACCESS AT ANY TIME.
- COSTS ASSOCIATED WITH FENCE PHASING AND SECURITY SHALL BE INCLUDED IN THE ITEMS OF WHICH IT IS A PART.

EROSION CONTROL NOTES:

- ALL SEDIMENT CONTROL MEASURES SHOWN OF THESE PLANS ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE BALANCE OF THE SITE.
- PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED AT NO ADDITIONAL COST TO THE OWNER.
- ALL TEMPORARY EARTH BERMS AND DIVERSIONS ARE TO BE MACHINE COMPACTED AND SODDED FOR TEMPORARY VEGETATIVE COVER WITHIN 10 DAYS AFTER GRADING.
- AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY, ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.
- THE IN PLACE SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL PERMIT REQUIREMENTS ARE MET.
- THE CONSTRUCTION OF SWALES SHALL BE PERFORMED PRIOR TO CONSTRUCTION OF IMPERVIOUS AREAS.
- EXISTING AND PROPOSED INLET OPENINGS IN THE PROJECT SHALL BE COVERED WITH FILTER FABRIC AND SURROUNDED BY TYPE III SILT FENCE ALONG WITH HAYBALES.
- THE CONTRACTOR SHALL MINIMIZE THE EXTENT OF EXPOSED EARTH AT ONE TIME DURING CONSTRUCTION AND UTILIZE WATERING TRUCKS TO WET THE EARTH DURING DRY MONTHS TO MINIMIZE EROSION DUE TO WIND.
- UPON COMPLETION OF CONSTRUCTION ALL DISTURBED AREAS, AS A MINIMUM, SHALL BE SEEDED AND MULCHED AND COMPACTED EQUIVALENT TO THAT OF NATIVE SURROUNDING EARTH.
- CONTRACTOR SHALL NOTIFY THE ENGINEER IF EROSION CONTROL ISSUES DEVELOP ONSITE.



- NOTES:**
- EROSION PROTECTION: SOIL EROSION SEDIMENTATION MUST BE CONTROLLED AND RETAINED ON SITE DURING CONSTRUCTION. THEREFORE, EROSION PROTECTION, SUCH AS STAKED BALED HAY AND SILT FENCE BARRIERS, MUST BE INSTALLED PRIOR TO START OF CONSTRUCTION.
 - SILT FENCE BARRIER SHALL BE INSTALLED AS SHOWN ON PLANS, AND IN ALL AREAS SUBJECT TO SOIL EROSION SEDIMENTATION.
 - SEE THIS SHEET FOR SILT FENCE LOCATIONS.



STRAW BALE DROP INLET SEDIMENT FILTER DETAIL

- NOTES:**
- THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.
 - CONTRACTOR SHALL UTILIZE HAY BALES TO PROTECT EXISTING OR PROPOSED INLETS WITHIN THE CONSTRUCTION AREA.

LEGEND

-x-x-	EXISTING FENCE
- - - -	EXISTING CONTOUR
—	EXISTING PAVEMENT
SF	SILT FENCE
[Hatched Box]	DEMO CONCRETE/ASPHALT PAVEMENT
X	TO BE REMOVED

CALL 2 WORKING DAYS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Sunshine State One Call of Florida, Inc.

AVCON, INC.
ENGINEERS & PLANNERS
320 BAYSHORE DRIVE, SUITE A
NICEVILLE, FL 32578-2425
OFFICE: (850) 678-0050
CORPORATE CERTIFICATE OF AUTHORIZATION NUMBER: 5057
www.avconinc.com

AVCON
TRANSFORMING TODAY'S IDEAS INTO TOMORROW'S REALITY

NO.	DATE	REVISION	BY

EXISTING CONDITIONS, EROSION CONTROL & DEMOLITION PLAN
RELEASE FOR BID

T-HANGAR DEVELOPMENT
PREPARED FOR
CALHOUN COUNTY AIRPORT

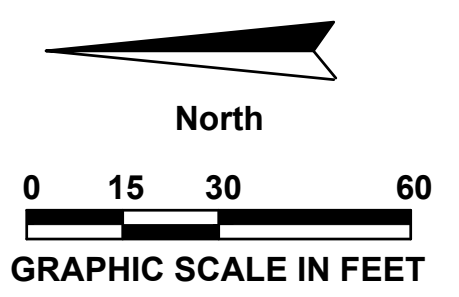
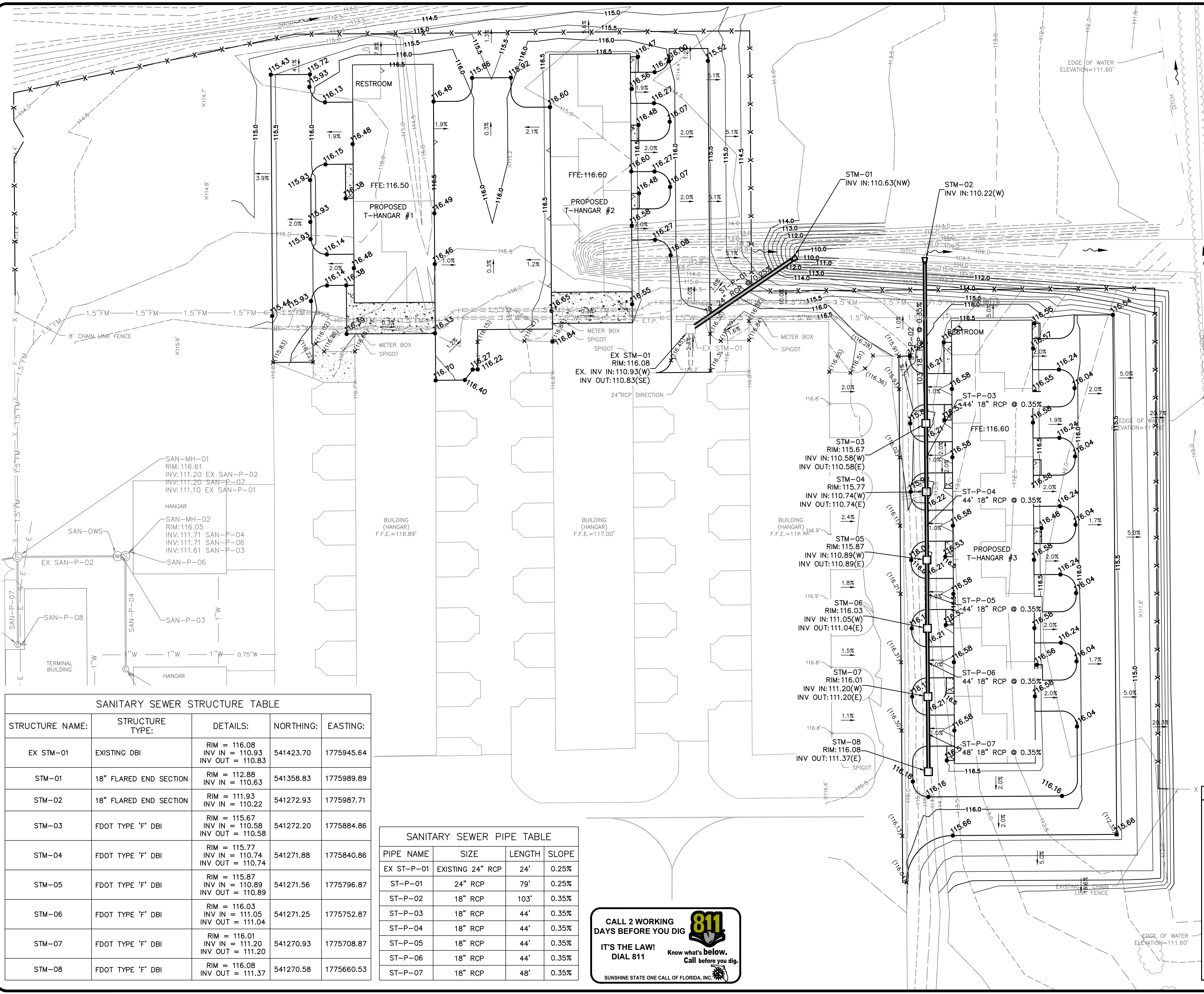
DESIGNED BY: J.R.C.
DRAWN BY: M.A.B.
CHECKED BY: J.R.C.
APPROVED BY: V.C.L.
PROJECT NO: 2022.241.01
DATE: AUGUST 2024

SHEET C-1

N:\NICEVILLE-PROJECTS\241-CALHOUN COUNTY\2022.241.01 - T-HANGAR DEVELOPMENT\000 CAD\2224101 - T-HANGAR DEMOLITION.dwg 9/10/2024 2:50 PM

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GRADING AND DRAINAGE NOTES:

- SIDE SLOPES OF ALL SWALES AND PONDS SHALL BE NO STEEPER THAN 4:1.(MAX).
- CONTRACTOR SHALL INSTALL SILT FENCE PRIOR TO COMMENCING IN ANY CONSTRUCTION ACTIVITIES AND MAINTAIN SILT FENCE THROUGHOUT CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY THE ENGINEER IF EROSION CONTROL ISSUES DEVELOP ONSITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL MEASURES ON SITE 24 HOURS A DAY THROUGHOUT CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN INLET PROTECTION THROUGHOUT CONSTRUCTION SEE SHEET C-1 FOR DETAIL.
- ALL DISTURBED AREAS (INCLUDING RE-GRADED AREA) SHALL BE RETURNED TO ORIGINAL CONDITION.
- ALL SUITABLE MATERIAL EXCAVATED SHALL BE USED IN THE FORMATION OF EMBANKMENTS OR PLACED IN STOCKPILES FOR FUTURE USE IN ACCORDANCE WITH THE PLANS AND AS DIRECTED BY THE ENGINEER. UNSUITABLE MATERIAL EXCAVATED SHALL BE DISPOSED OF BY THE CONTRACTOR AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- UNSUITABLE OR UNSTABLE MATERIALS ENCOUNTERED IN THE SUBGRADE PREPARATION SHALL BE UNDERCUT AND STABILIZED AS SPECIFIED IN THE PROJECT SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL ALWAYS OBTAIN ENGINEER AUTHORIZATION PRIOR TO BEGINNING ANY UNDERCUT OPERATIONS. UPON COMPLETION OF THE UNDERCUT AND ACCEPTANCE OF THE RESULTING STABLE SUBGRADE BY THE ENGINEER, THE CONTRACTOR SHALL SURVEY THE BOTTOM OF THE UNDERCUT AREA FOR THE PURPOSES OF ESTABLISHING PAYMENT QUANTITIES.
- EXCAVATION LIKELY TO DISLOCATE, DAMAGE, OR IMPAIR THE STRENGTH OF OTHER STRUCTURES ALREADY IN PLACE SHALL BE DONE ONLY AFTER ADEQUATE PROTECTION HAS BEEN PROVIDED FOR THE IN-PLACE STRUCTURES.
- CONTRACTOR SHALL GRADE ALL AREAS AS INDICATED OR DIRECTED BY OWNER. FILL SHALL BE BROUGHT TO FINISH GRADES AS SHOWN AND SHALL BE GRADED TO DRAIN WATER AWAY FROM STRUCTURES.
- CONTRACTOR SHALL PROMOTE POSITIVE DRAINAGE TOWARDS INLETS, NO "BIRD BATHS" OR PONDING SHALL BE ACCEPTED.
- UNPAVED AREAS SHALL BE GRADED TO PROMOTE POSITIVE DRAINAGE TO THE STORMWATER RETENTION AREA OR ASSOCIATED INLET.

LEGEND

---	PROPERTY BOUNDARY
- - - 116 - - -	EXISTING CONTOUR
— 116 —	PROPOSED CONTOUR
—	EXISTING PAVEMENT
—	PROPOSED PAVEMENT
-x-x-	PROPOSED FENCE
● 116.04	PROPOSED SPOT ELEVATION
× (112.35)	EXISTING SPOT ELEVATION
□	PROPOSED STORM INLET
—	PROPOSED STORM PIPE

SANITARY SEWER STRUCTURE TABLE

STRUCTURE NAME:	STRUCTURE TYPE:	DETAILS:	NORTHING:	EASTING:
EX STM-01	EXISTING DBI	RIM = 116.08 INV IN = 110.93 INV OUT = 110.83	541423.70	1775945.64
STM-01	18" FLARED END SECTION	RIM = 112.88 INV IN = 110.63	541358.83	1775989.89
STM-02	18" FLARED END SECTION	RIM = 111.93 INV IN = 110.22	541272.93	1775987.71
STM-03	FDOT TYPE 'F' DBI	RIM = 115.67 INV IN = 110.58 INV OUT = 110.58	541272.20	1775884.86
STM-04	FDOT TYPE 'F' DBI	RIM = 115.77 INV IN = 110.74 INV OUT = 110.74	541271.88	1775840.86
STM-05	FDOT TYPE 'F' DBI	RIM = 115.87 INV IN = 110.89 INV OUT = 110.89	541271.56	1775796.87
STM-06	FDOT TYPE 'F' DBI	RIM = 116.03 INV IN = 111.05 INV OUT = 111.04	541271.25	1775752.87
STM-07	FDOT TYPE 'F' DBI	RIM = 116.01 INV IN = 111.20 INV OUT = 111.20	541270.93	1775708.87
STM-08	FDOT TYPE 'F' DBI	RIM = 116.08 INV OUT = 111.37	541270.58	1775660.53

SANITARY SEWER PIPE TABLE

PIPE NAME	SIZE	LENGTH	SLOPE
EX ST-P-01	EXISTING 24" RCP	24'	0.25%
ST-P-01	24" RCP	79'	0.25%
ST-P-02	18" RCP	103'	0.35%
ST-P-03	18" RCP	44'	0.35%
ST-P-04	18" RCP	44'	0.35%
ST-P-05	18" RCP	44'	0.35%
ST-P-06	18" RCP	44'	0.35%
ST-P-07	18" RCP	48'	0.35%

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GRADING AND DRAINAGE PLAN

RELEASE FOR BID

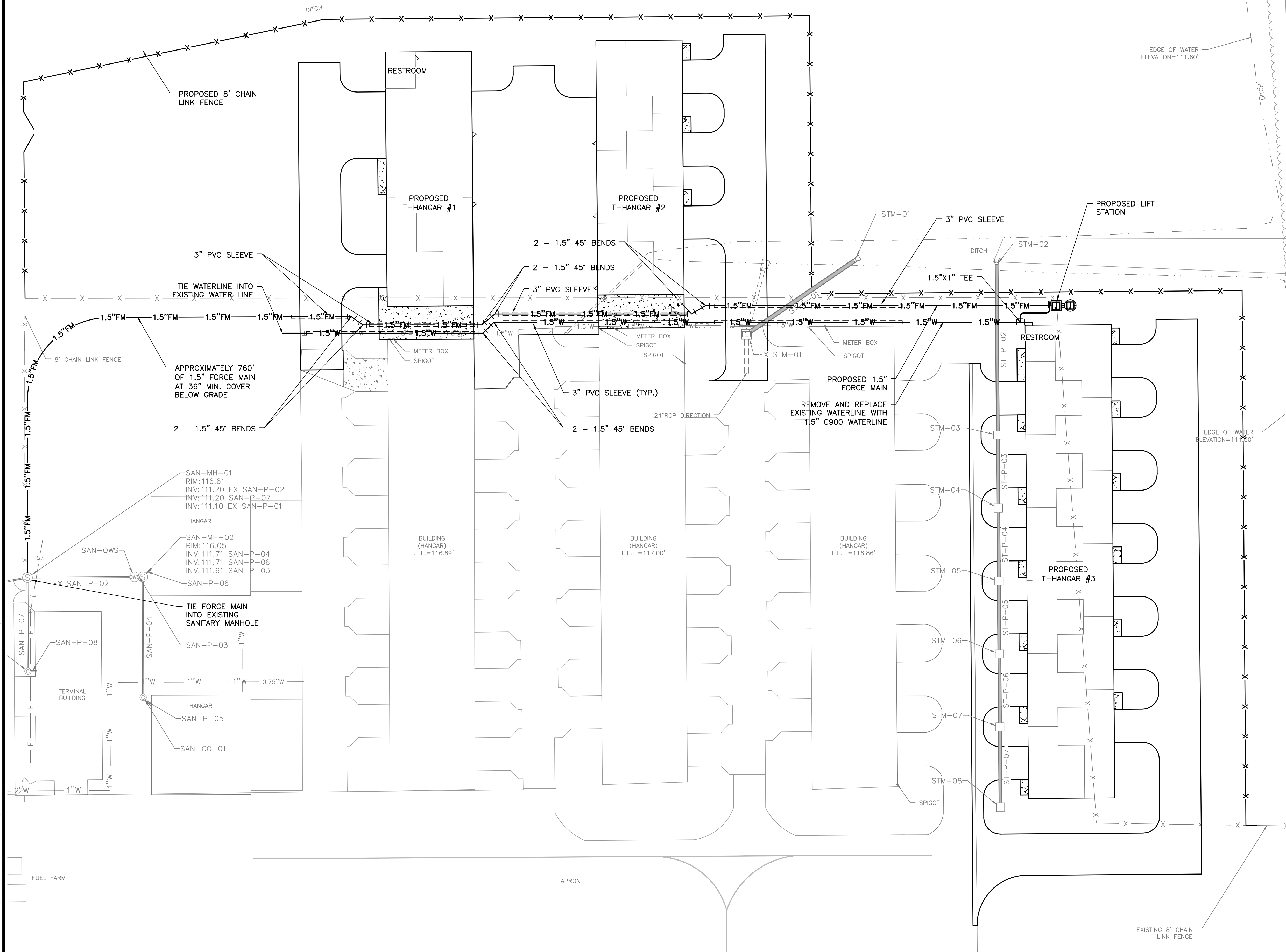
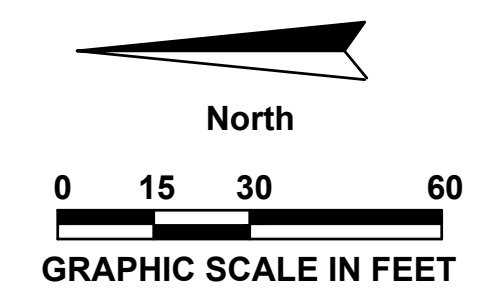
T-HANGAR DEVELOPMENT

PREPARED FOR
CALHOUN COUNTY AIRPORT

DESIGNED BY: J.R.C.
DRAWN BY: M.A.B.
CHECKED BY: J.R.C.
APPROVED BY: V.C.L.
PROJECT NO: 2022.241.01
DATE: AUGUST 2024

SHEET C-3

N:\NICEVILLE-PROJECTS\241-CALHOUN COUNTY\2022.241.01 - T-HANGAR DEVELOPMENT\000 CAD\2224101-UTIL.DWG 9/10/2024 2:50 PM



UTILITY NOTES:

1. THE LOCATION OF UTILITIES IS APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION, IF THE LOCATION OR ELEVATION IS SUBSTANTIALLY DIFFERENT FROM THAT SHOWN ON THE PLANS OR IS CONFLICTS EXIST, THE ENGINEER SHALL BE NOTIFIED.
2. THE CONTRACTOR SHALL HAVE ALL APPLICABLE PERMITS PRIOR TO BEGINNING CONSTRUCTION.
3. TAPS TO EXISTING UTILITIES SHALL BE COORDINATED WITH THE LOCAL UTILITY CO. ALL TAPS SHALL BE MADE IN AN EXPEDITIOUS MANNER TO MINIMIZE INTERRUPTION OF SERVICE.
4. ALL WATER SERVICE PIPING SHALL BE C900 UNLESS OTHERWISE NOTED OR REQUIRED. A MINIMUM COVER OF 36" SHALL BE PROVIDED OVER THE WATER MAINS. INSTALL TRACER WIRE ABOVE WATER MAINS, SERVICES AND VALVES.
5. ALL SEWER PIPING SHALL BE SDR 26 UNLESS OTHERWISE NOTED OR REQUIRED. A MINIMUM COVER OF 36" SHALL BE PROVIDED OVER THE SEWER MAINS.
6. COORDINATE WITH THE UTILITY PROVIDER FOR ALL INSPECTIONS. A FORTY EIGHT (48) HOUR NOTICE IS REQUIRED.
7. SEE UTILITY DETAIL SHEETS FOR MINIMUM HORIZONTAL & VERTICAL SEPARATION BETWEEN WATER, SEWER, AND STORMWATER.
8. ALL WATER MAINS AND FORCE MAINS SHALL BE ENCASED IN PVC SLEEVE WHEN CROSSING UNDER PAVEMENT, UNLESS OTHERWISE NOTED. EXTEND CASING A MINIMUM OF 10' BEYOND THE BACK OF CURB. DIAMETER OF SLEEVE SHALL BE 1.5 TIMES THE DIAMETER OF THE LINE. SLEEVES SHALL INCLUDE PIPE SPACERS TO EFFECTIVELY SEAL THE PIPE AND THE ENDS SHALL BE SEALED TO PREVENT MOISTURE AND SEDIMENT INTRUSION.
9. ALL WATER VALVES AND ASSOCIATED RISERS AND CONCRETE COLLARS SHALL BE INSTALLED OUTSIDE OF SIDEWALKS OR IN PAVEMENT AREAS.

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LEGEND

	EXISTING PAVEMENT
	PROPOSED PAVEMENT
	PROPOSED FENCE
	PROPOSED FORCE MAIN
	PROPOSED WATER
	EXISTING SANITARY SEWER
	EXISTING SANITARY MANHOLE
	EXISTING CLEANOUT

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UTILITY PLAN
RELEASE FOR BID

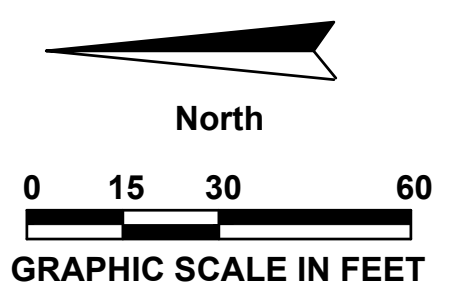
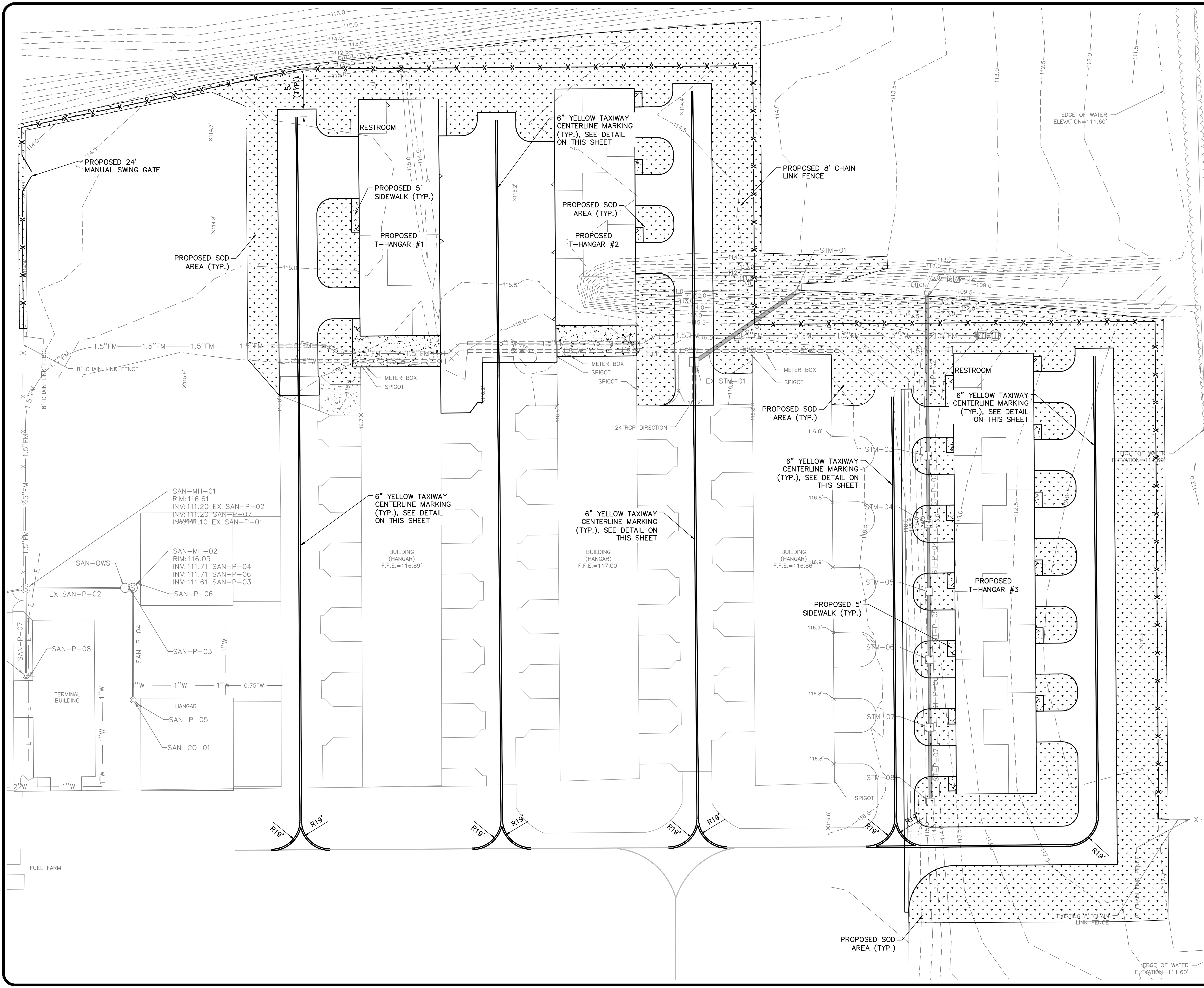
T-HANGAR DEVELOPMENT
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CALHOUN COUNTY AIRPORT

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SHEET C-4

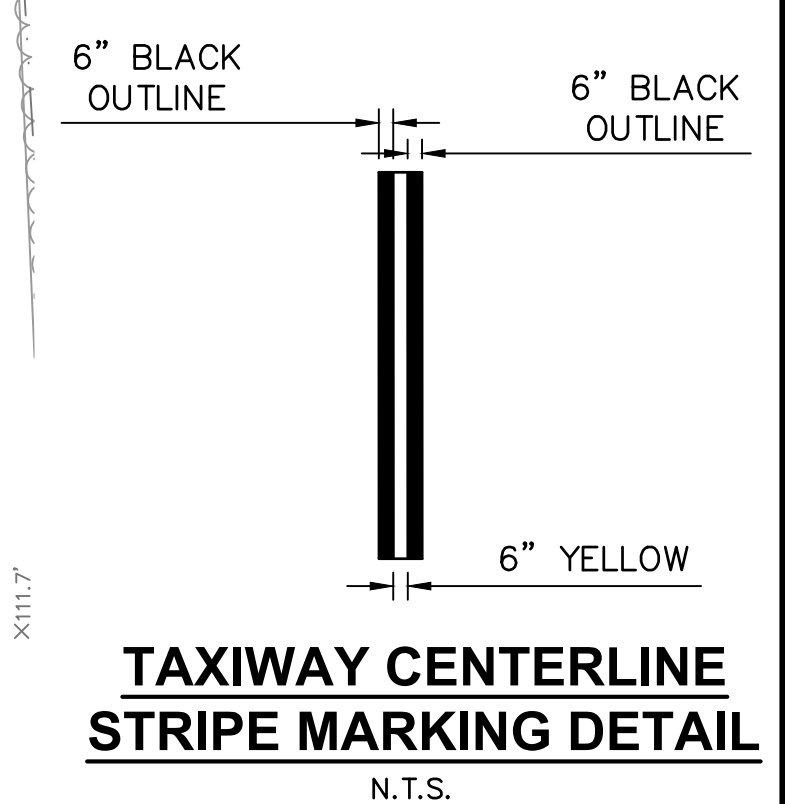
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GENERAL NOTES:

- SOD SHALL BE CERTIFIED TO BE FREE OF MILLET SEED AND NOXIOUS WEEDS BY THE FLORIDA DEPARTMENT OF AGRICULTURE, DIVISION OF PLANT INDUSTRY.
- ALL DISTURBED AREAS SHALL BE SODDED. IF AREAS TO BE SODDED ARE OUTSIDE OF THE LIMITS SHOWN ON THIS SHEET, THIS SODDING SHALL BE AT THE CONTRACTORS EXPENSE.
- SOD FOR RESTORATION PURPOSES TO BE OF SAME SPECIES AND TYPE.
- CONTRACTOR IS RESPONSIBLE FOR MINIMIZING AND REPAIRING EROSION DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PROTECTING NEW SOD FROM EROSION UNTIL THE SOD IS FULLY ESTABLISHED.
- CONTRACTOR SHALL WATER AND MOW SOD REGULARLY TO ENSURE SOD BECOMES ESTABLISHED. PAYMENT FOR SOD SHALL NOT BE PROVIDED UNTIL A HEALTHY STAND OF SOD IS ESTABLISHED.



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LEGEND

---	PROPERTY BOUNDARY
- - - 112 - - -	EXISTING CONTOUR
— 112 —	PROPOSED CONTOUR
—	EXISTING PAVEMENT
—	PROPOSED PAVEMENT
- x - x -	PROPOSED FENCE
[Stippled Area]	LIMITS OF SOD
[Dotted Area]	LIMITS OF GRAVEL

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T-HANGAR DEVELOPMENT
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SHEET C-5

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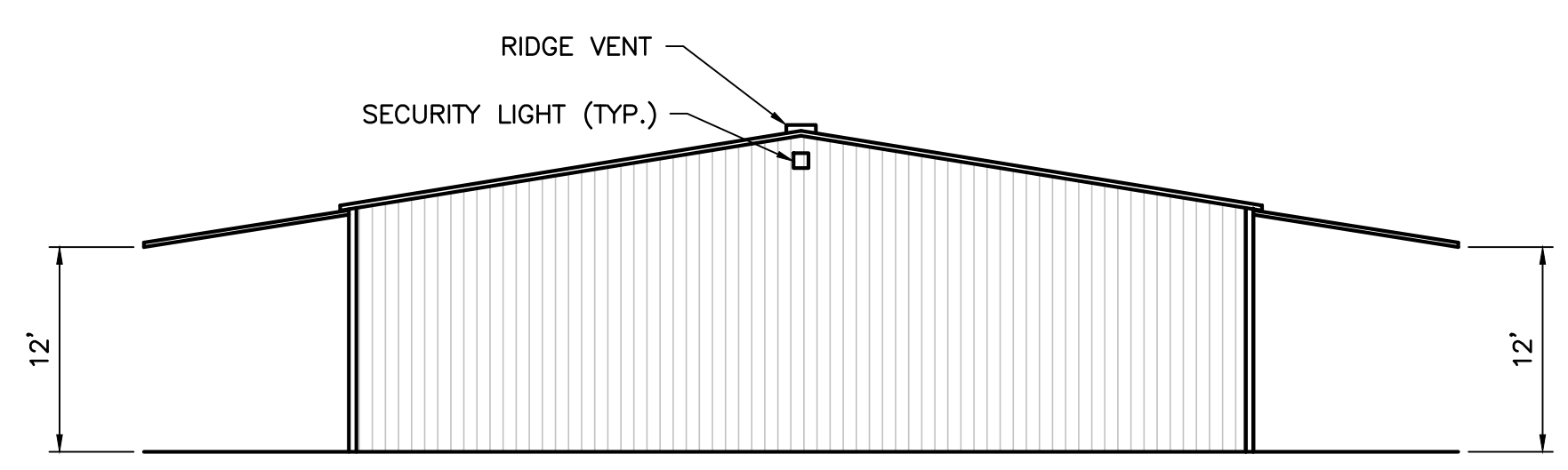
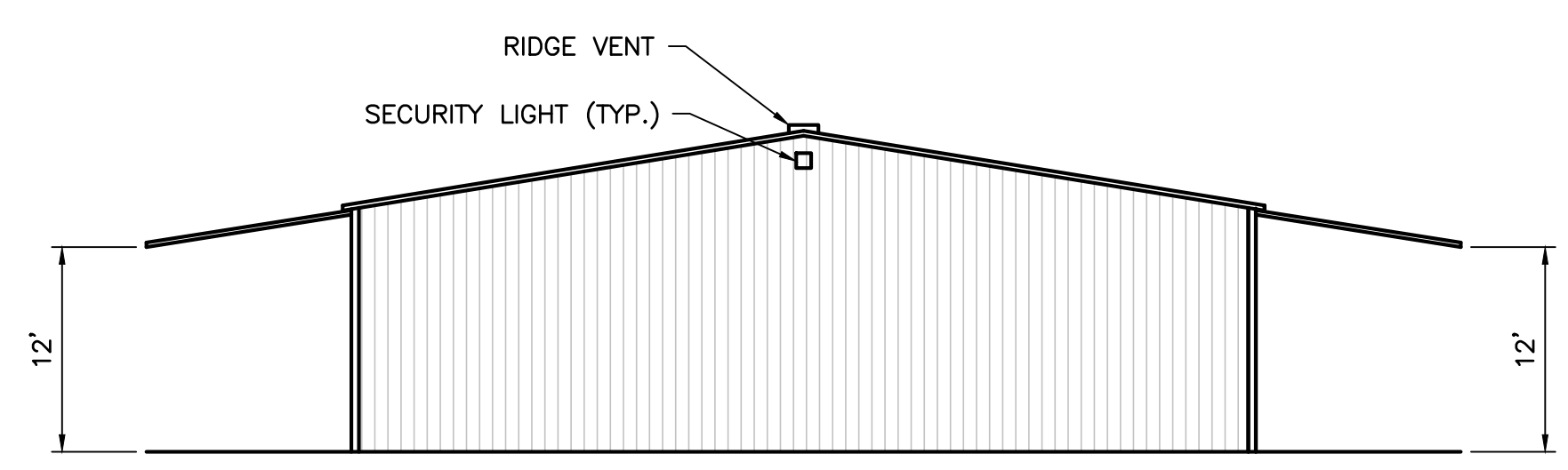
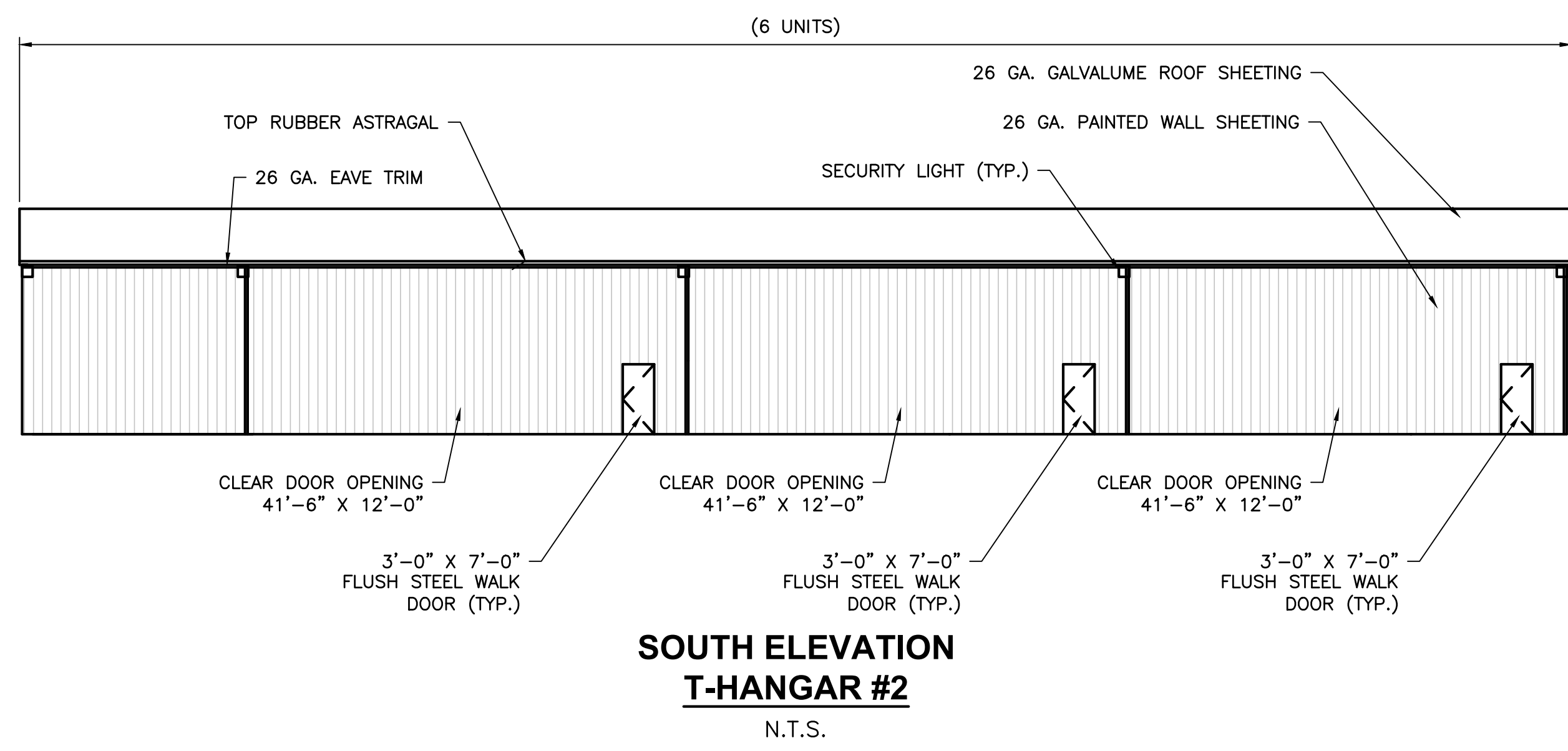
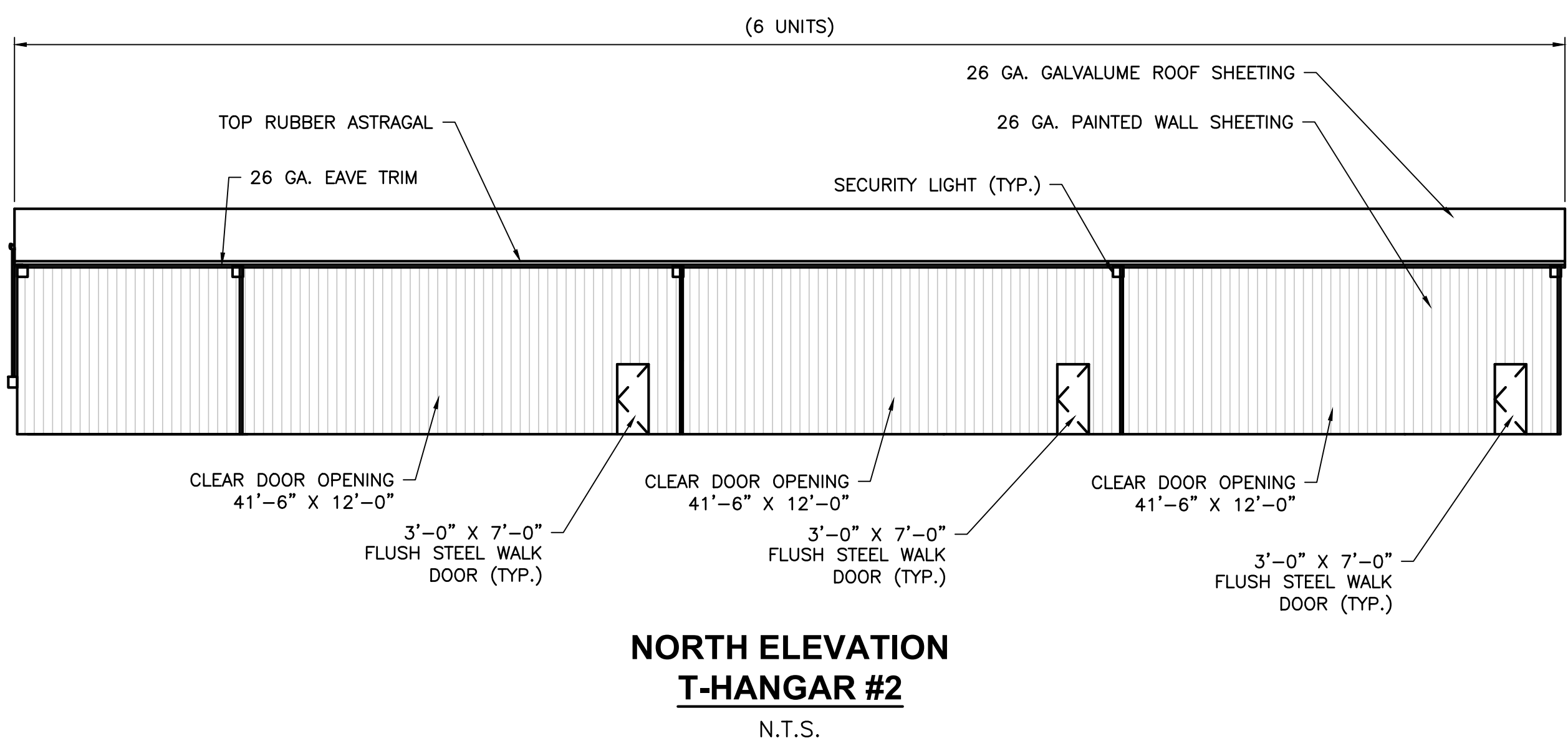
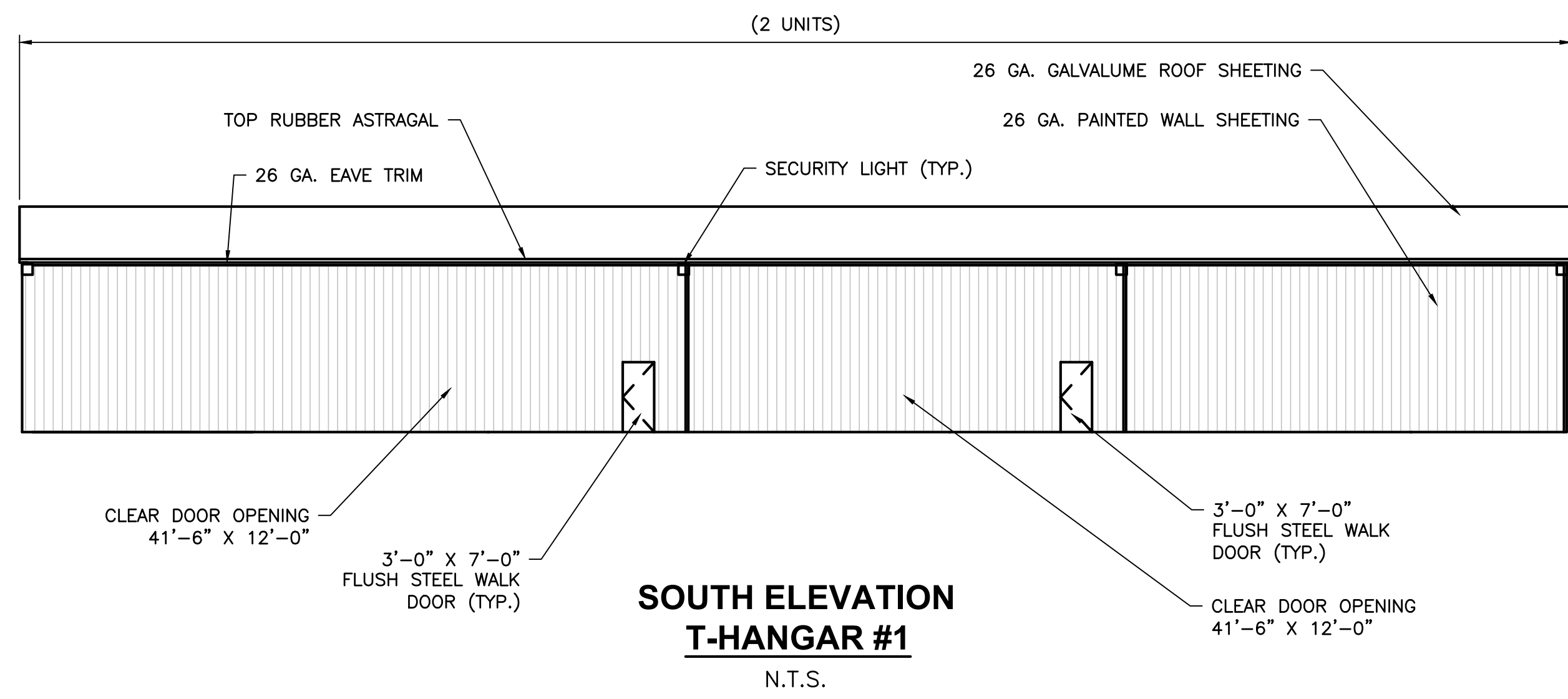
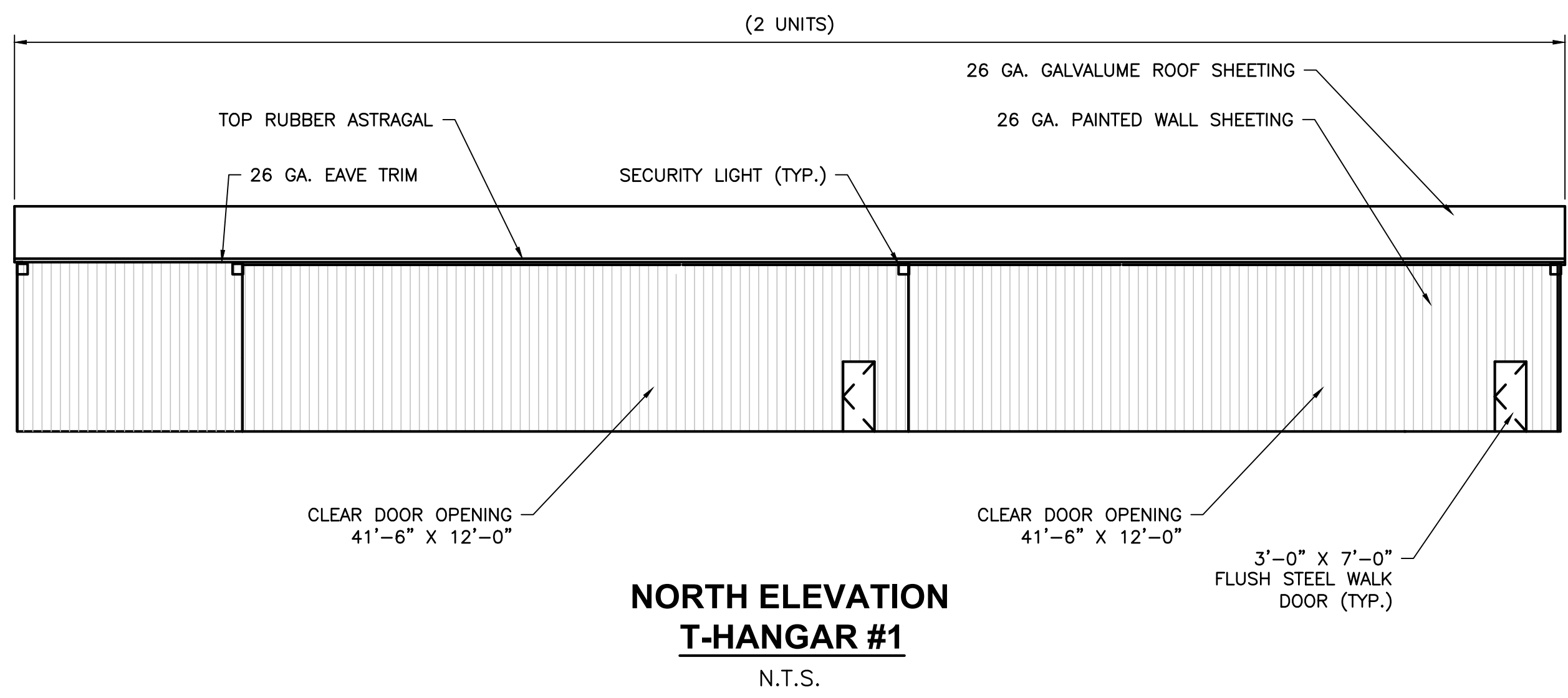
T-HANGAR ELEVATIONS (SHEET 1 OF 2)
 RELEASE FOR BID

T-HANGAR DEVELOPMENT
 PREPARED FOR
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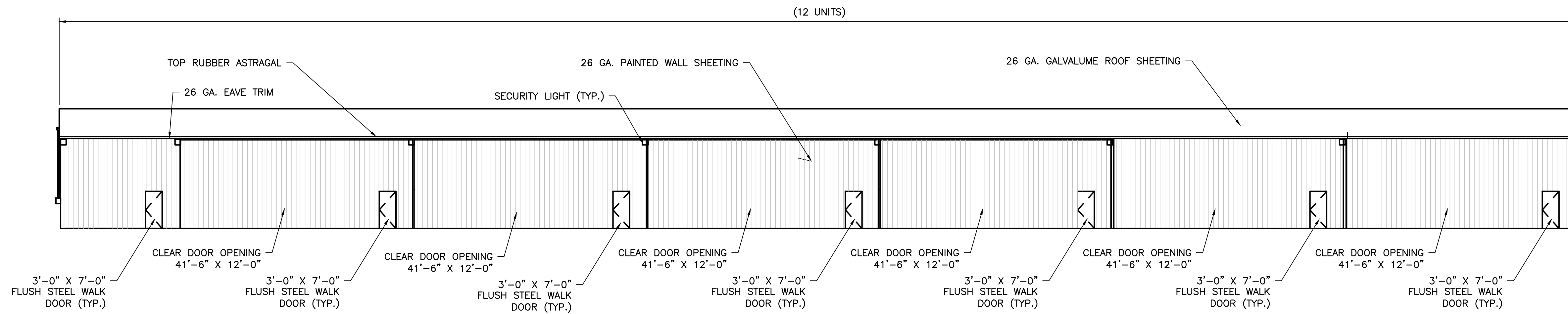
SHEET C-7

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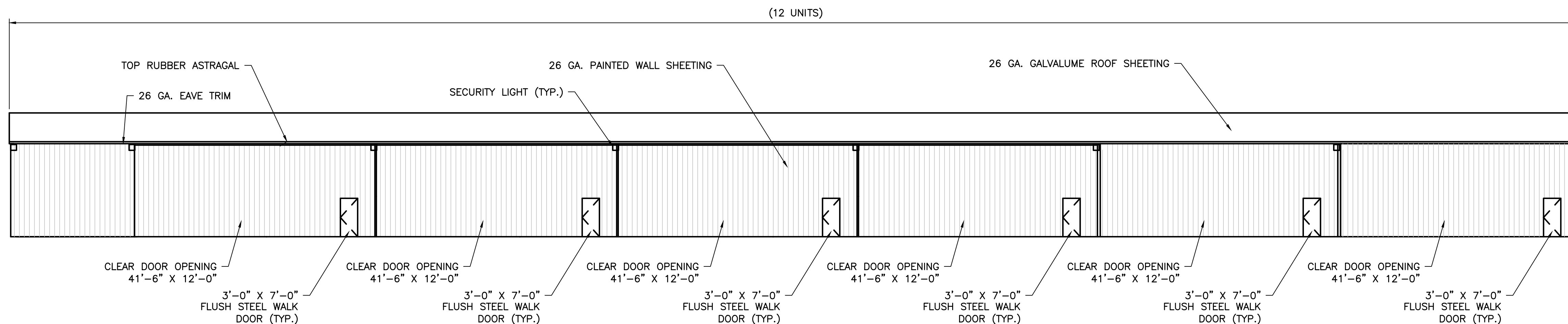


- NOTES:**
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 - REFER TO TECHNICAL SPECIFICATION SECTION H-100 AND TABLE OF MINIMUM DIMENSIONS ON SHEET C-6 FOR ADDITIONAL HANGAR REQUIREMENTS.

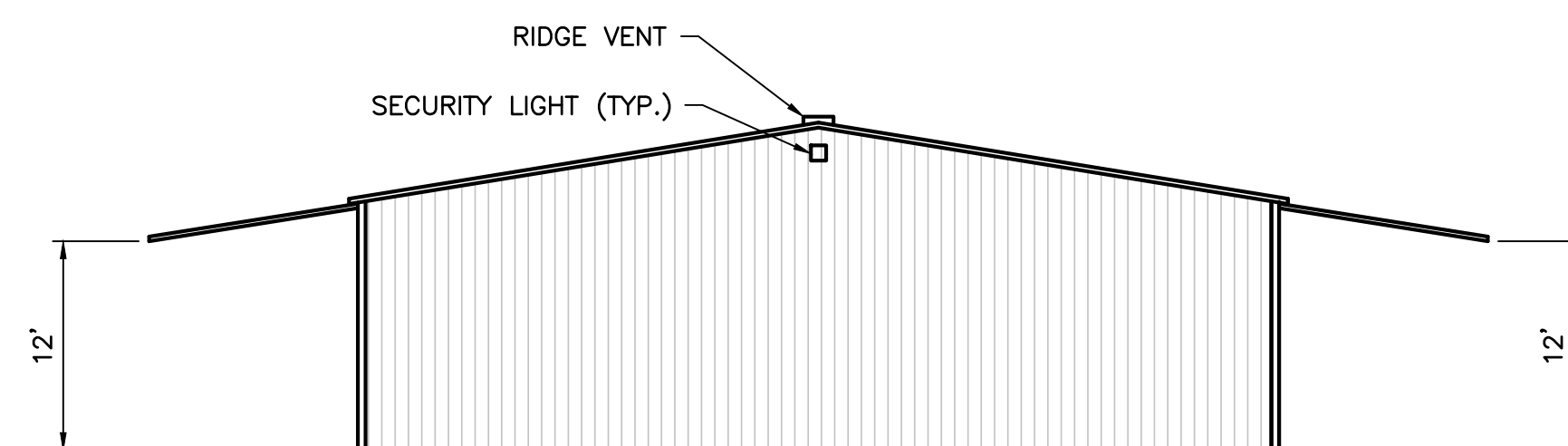
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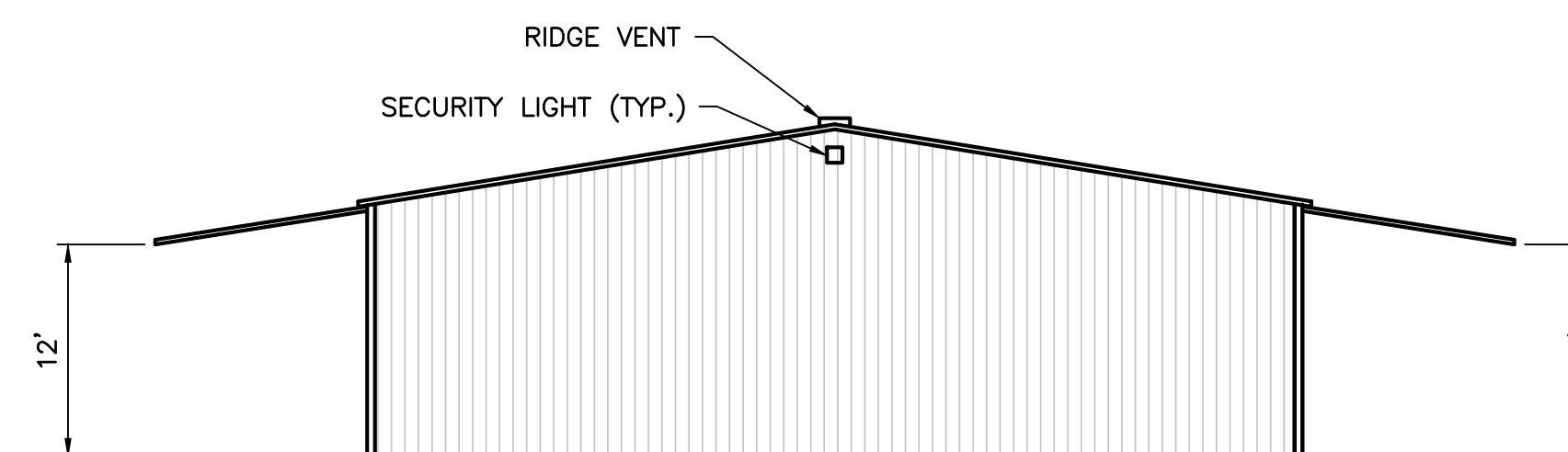
**NORTH ELEVATION
T-HANGAR #3**
N.T.S.



**SOUTH ELEVATION
T-HANGAR #3**
N.T.S.



**EAST ELEVATION
T-HANGARS #3**
N.T.S.



**WEST ELEVATION
T-HANGARS #3**
N.T.S.

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NO.	DATE	REVISION	BY

**T-HANGAR
ELEVATIONS
(SHEET 2 OF 2)**

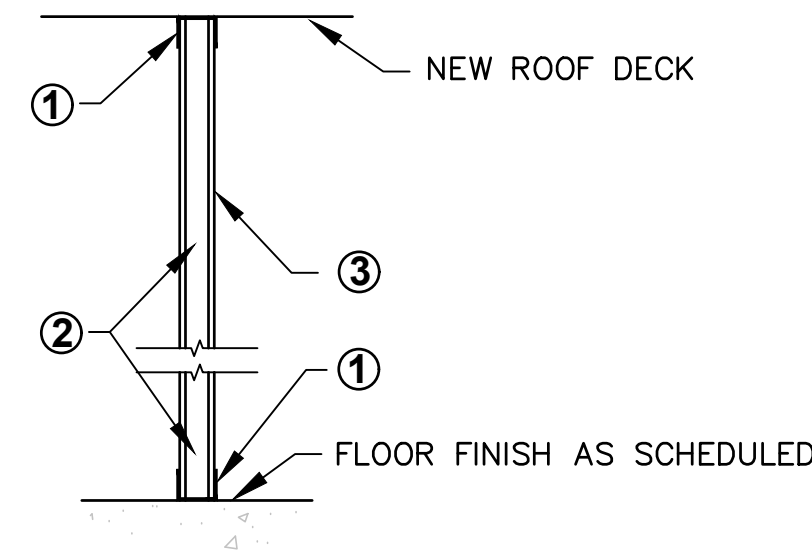
RELEASE FOR BID

**T-HANGAR
DEVELOPMENT
PREPARED FOR
CALHOUN COUNTY
AIRPORT**

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DRAWN BY: M.A.B.
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PROJECT NO: 2022.241.01
DATE: AUGUST 2024

**SHEET
C-8**

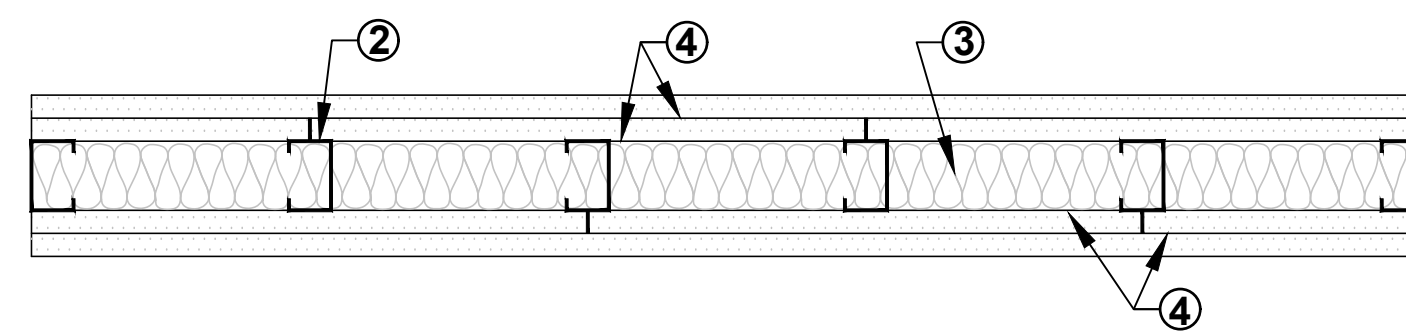
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1 HOUR FIRE-RATED PARTITION
N.T.S.

FIRE RESISTANCE RATINGS - ANSI/UL 263		
NON-BEARING WALL RATING - 1 HOUR		
1	FLOOR AND CEILING RUNNER:	3 5/8-INCH WIDE, 1 1/2-INCH DEEP, GALVANIZED STEEL CHANNEL OF NO. 20 MSG MINIMUM SECURED WITH STEEL FASTENERS AT MAXIMUM 16-INCH SPACING, O.C. CONTINUOUS SEALANT AND MTL. J BEAD BOTH SIDES.
2	STEEL STUDS:	3 5/8-INCH WIDE, 1 1/4-INCH DEEP WITH 1/4-INCH FOLDED BACK RETURN FLANGE LEGS, GALVANIZED STEEL CHANNEL OF NO. 20 MSG MINIMUM AT MAXIMUM 16-INCH SPACING. STUDS TO BE CUT 3/4-INCH LESS THAN FULL HEIGHT, FRICTION FITTED INTO FLOOR AND CEILING RUNNERS.
3 - A	GYPSUM BOARD:	5/8-INCH THICK, 4-FOOT WIDE, 1-LAYER APPLIED TO EACH SIDE OF STEEL STUDS. INNER LAYER APPLIED VERTICALLY WITH JOINTS CENTERED OVER STUDS AND STAGGERED ON OPPOSITE STUD SIDES.
3 - B	GYPSUM BOARD FASTENERS:	1 1/4-INCH LONG TYPE S STEEL SCREWS SPACED 12-INCH O.C. ALONG PERIMETER AND 24-INCH O.C. IN-FIELD.
4	JOINT TAPE AND COMPOUND:	OUTER LAYER JOINTS COVERED WITH JOINT COMPOUND AND PAPER OR MESH TAPE. SCREW HEADS COVERED WITH JOINT COMPOUND.

NONBEARING WALL RATING - 1 HOUR

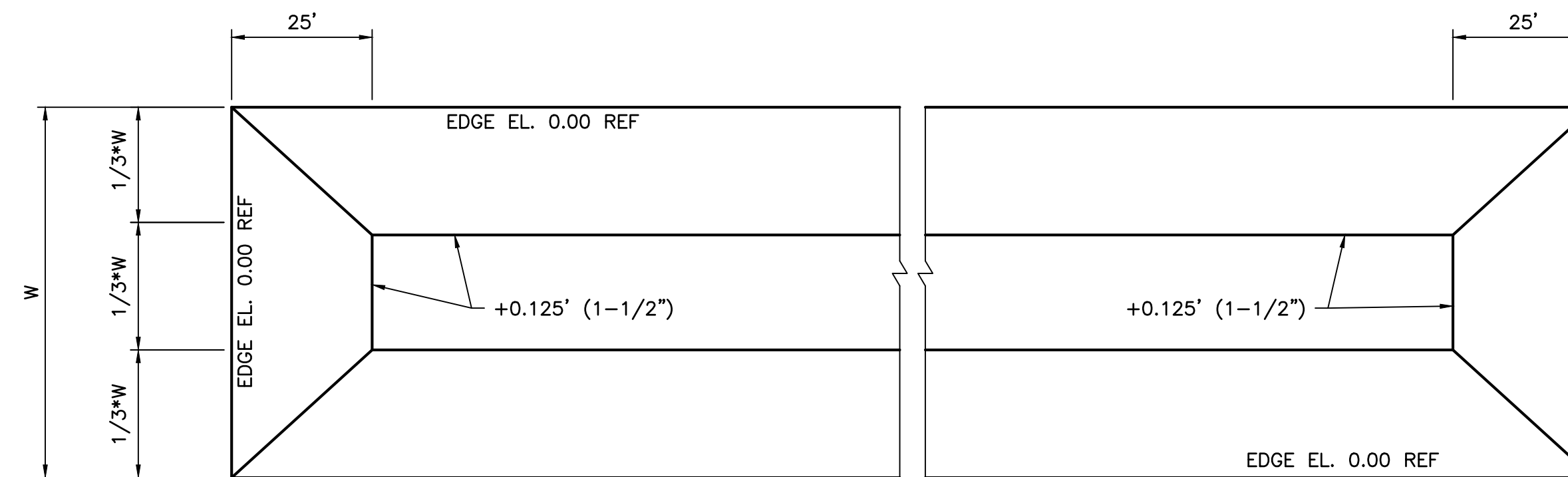


HORIZONTAL SECTION
N.T.S.

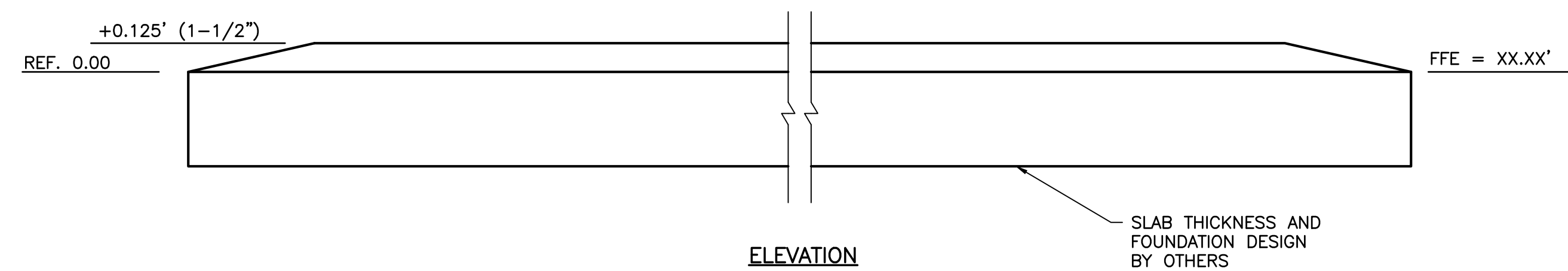
NOTE: ALTERNATE TAYLOR COUNTY APPROVED DESIGN WILL BE ALLOWED.

FIRE RESISTANCE RATINGS - ANSI/UL 263		
DESIGN NO. U490		
NON-BEARING WALL RATING - 4 HOUR		
1	FLOOR AND CEILING RUNNER:	3 5/8-INCH WIDE, 1 1/2-INCH DEEP, GALVANIZED STEEL CHANNEL OF NO. 20 MSG MINIMUM SECURED WITH STEEL FASTENERS AT MAXIMUM 16-INCH SPACING, O.C.
2	STEEL STUDS:	3 5/8-INCH WIDE, 1 1/4-INCH DEEP WITH 1/4-INCH FOLDED BACK RETURN FLANGE LEGS, GALVANIZED STEEL CHANNEL OF NO. 20 MSG MINIMUM AT MAXIMUM 16-INCH SPACING. STUDS TO BE CUT 3/4-INCH LESS THAN FULL HEIGHT, FRICTION FITTED INTO FLOOR AND CEILING RUNNERS.
3	BATTS AND BLANKETS:	NOMINAL 2-INCH THICK MINERAL WOOL BATT, FRICTION FITTED BETWEEN STUDS AND FLOOR AND CEILING RUNNER: THERMAFIBER, INC. TYPE SAFB.
4 - A	GYPSUM BOARD:	3/4-INCH THICK, 4-FOOT WIDE, 2-LAYERS APPLIED TO EACH SIDE OF STEEL STUDS. INNER LAYER APPLIED VERTICALLY WITH JOINTS CENTERED OVER STUDS AND STAGGERED ON OPPOSITE STUD SIDES. OUTER LAYER APPLIED HORIZONTALLY WITH VERTICAL BUTT JOINTS STAGGERED FROM INNER LAYER JOINTS, OR VERTICALLY WITH JOINTS CENTERED OVER STUDS AND STAGGERED ON OPPOSITE STUD SIDES.
4 - B	GYPSUM BOARD FASTENERS:	INNER LAYER: 1 1/4-INCH LONG TYPE S STEEL SCREWS SPACED 24-INCH O.C. ALONG PERIMETER AND IN-FIELD. OUTER LAYER (HORIZ. APP.): 2 1/4-INCH LONG TYPE S STEEL SCREWS SPACED 12-INCH O.C. ALONG PERIMETER AND IN-FIELD. ALONG HORIZONTAL JOINTS, 1 1/2-INCH LONG TYPE G STEEL SCREWS TO BE APPLIED 24-INCH O.C. BETWEEN STUDS, AND 1-INCH FROM THE LONGITUDINAL JOINT. OUTER LAYER (VERT. APP.): JOINTS STAGGERED, SECURED WITH 2 1/4-INCH LONG TYPE S STEEL SCREWS SPACED 12-INCH O.C. ALONG PERIMETER AND IN-FIELD.
4 - C	GYPSUM BOARD SPEC:	UNITED STATES GYPSUM CO. TYPE IP-X3 OR ULTRACODE
5	JOINT TAPE AND COMPOUND:	OUTER LAYER JOINTS COVERED WITH JOINT COMPOUND AND PAPER OR MESH TAPE. SCREW HEADS COVERED WITH JOINT COMPOUND.

NONBEARING WALL RATING - 4 HOUR UL DESIGN NUMBER U490

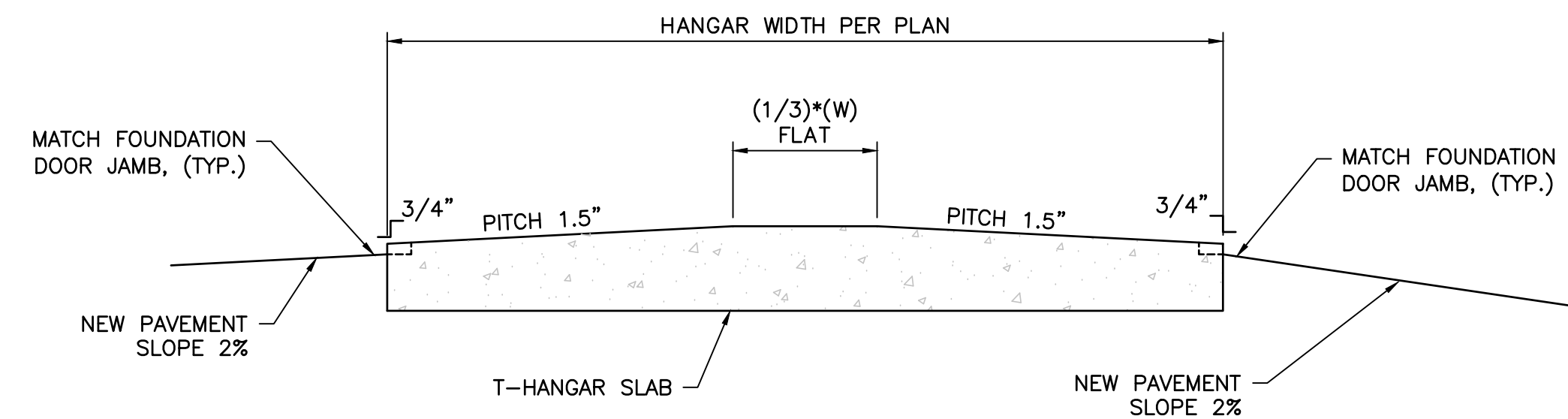


PLAN



ELEVATION

SLOPED FLOOR SLAB DETAIL
N.T.S.



TYPICAL T-HANGAR PAVEMENT SECTION AT HANGAR DOOR
N.T.S.

NOTES:

- FOR FOUNDATION SLAB FINISHING TO PITCH FLOOR.
- CONCRETE FLOOR SLAB SHALL BE NOTCHED A HEIGHT OF 3/4" AT ALL HANGAR DOORS TO LIMIT INFILTRATION OF MOISTURE INTO THE HANGAR. NOTCHED AREA SHALL BE LARGE ENOUGH TO ACCEPT HANGAR DOOR JAMB.

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**T-HANGAR
FOUNDATION
PLANS & DETAILS**

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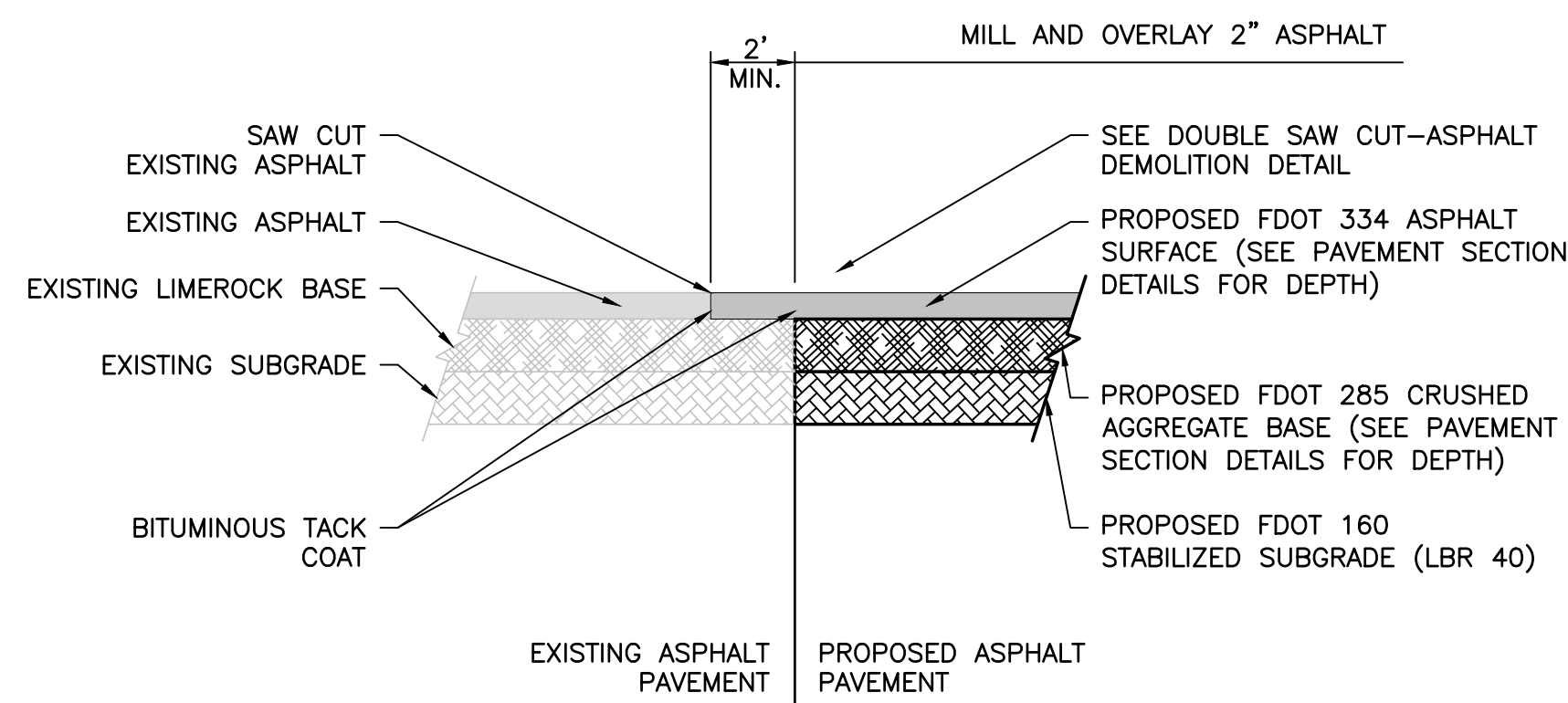
**T-HANGAR
DEVELOPMENT**

PREPARED FOR
**CALHOUN COUNTY
AIRPORT**

DESIGNED BY: J.R.C.
DRAWN BY: M.A.B.
CHECKED BY: J.R.C.
APPROVED BY: V.C.L.
PROJECT NO: 2022.241.01
DATE: AUGUST 2024

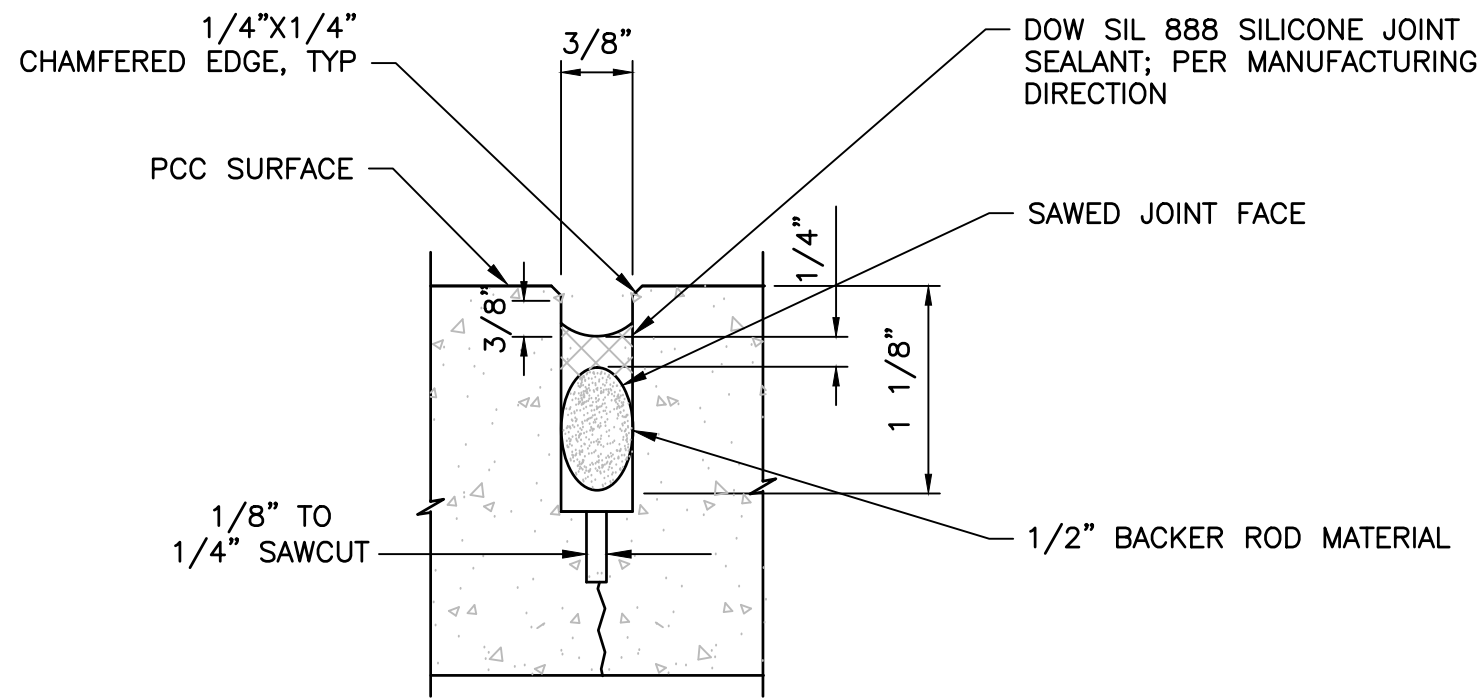
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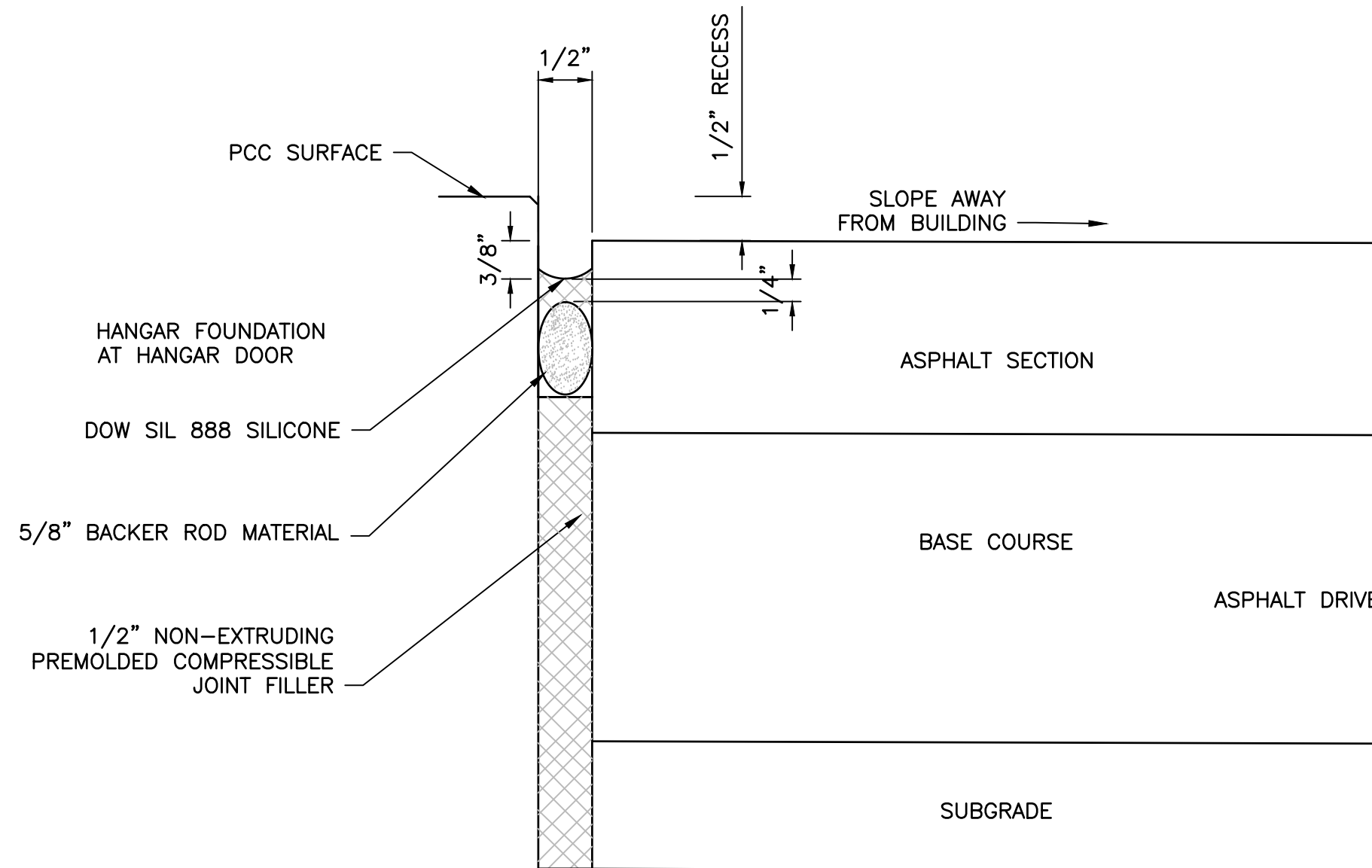
ASPHALT / ASPHALT PAVEMENT BUTT JOINT DETAIL

N.T.S.



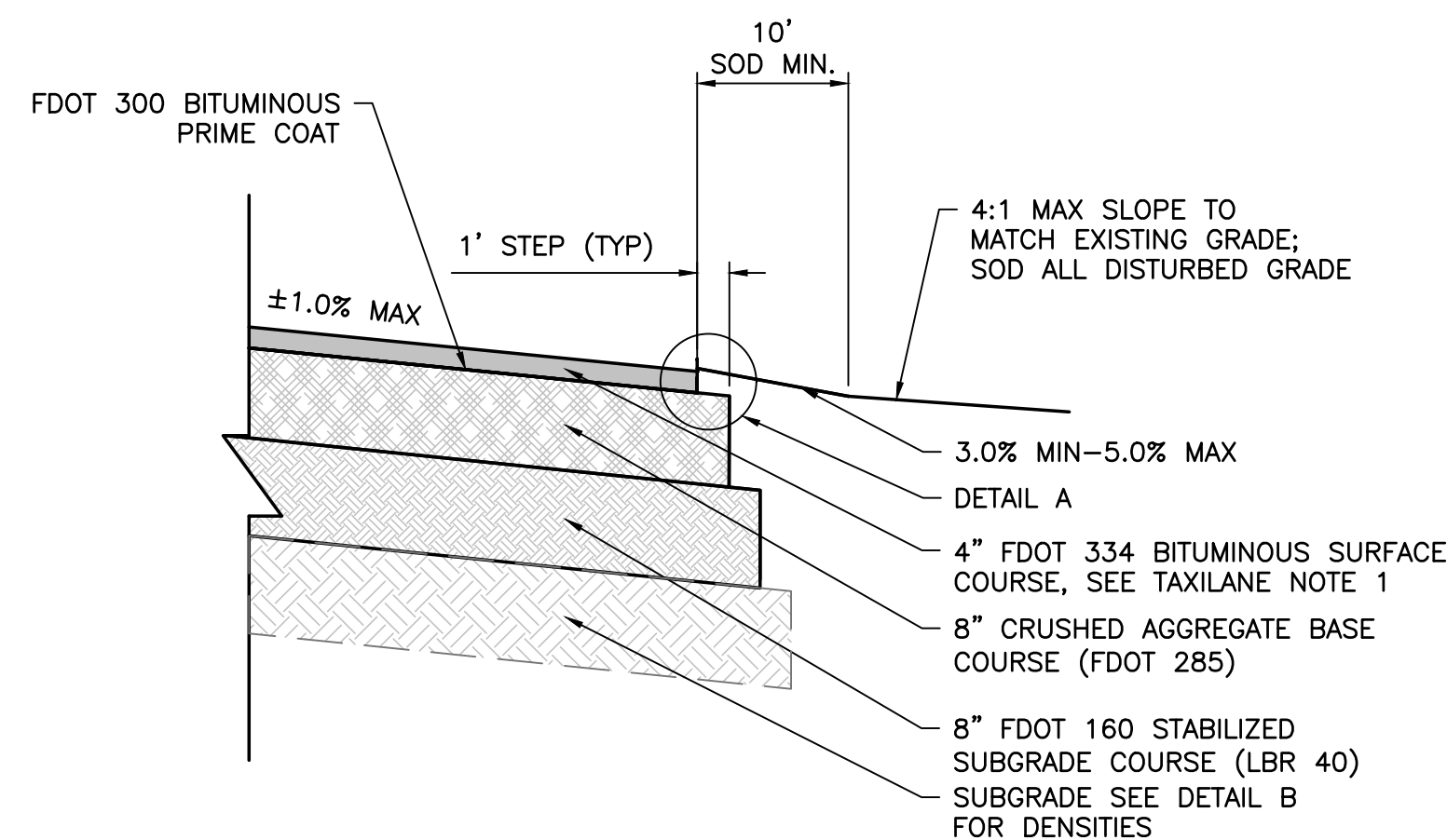
PCC CONTRACTION JOINT DETAIL

N.T.S.



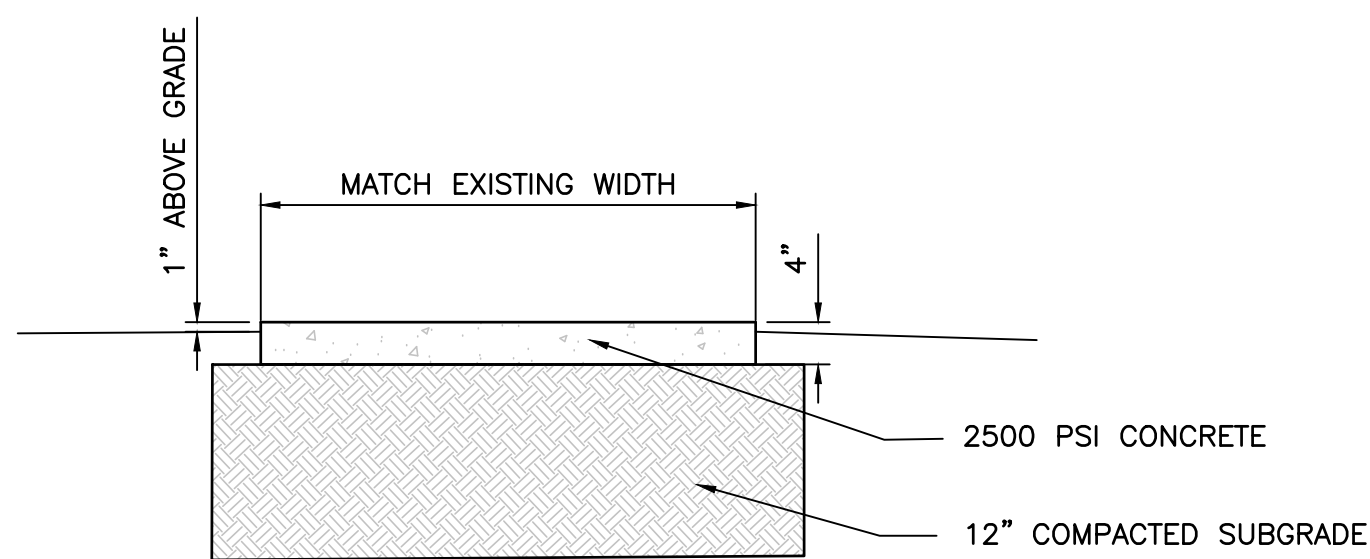
HANGAR FOUNDATION/ASPHALT PAVEMENT CONSTRUCTION JOINT DETAIL

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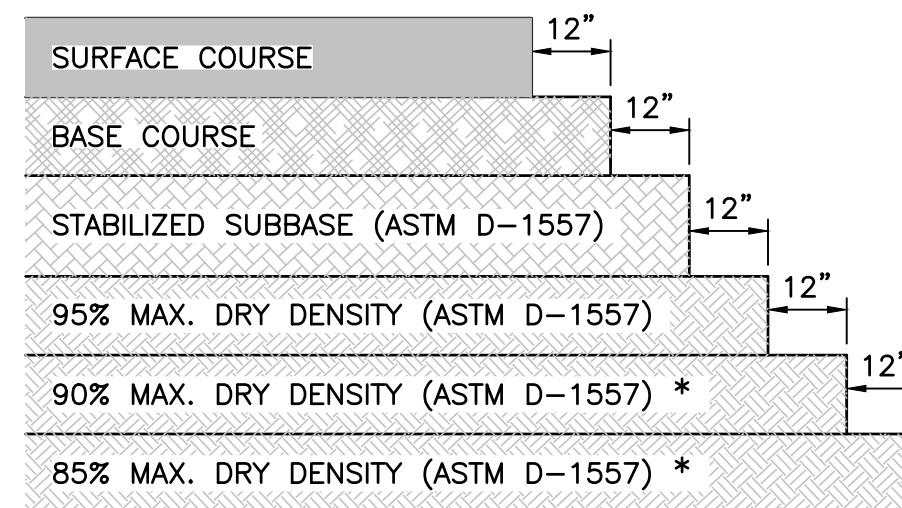
TYPICAL ASPHALT SECTION

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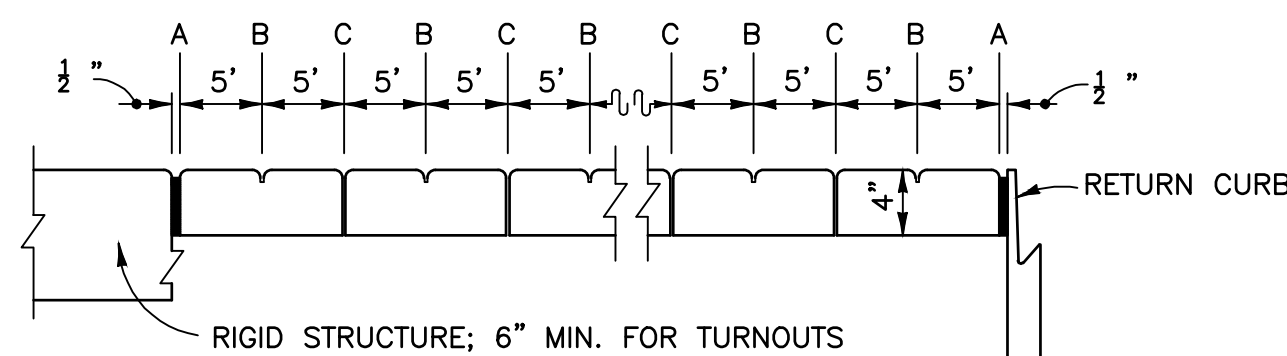
TYPICAL SIDEWALK SECTION

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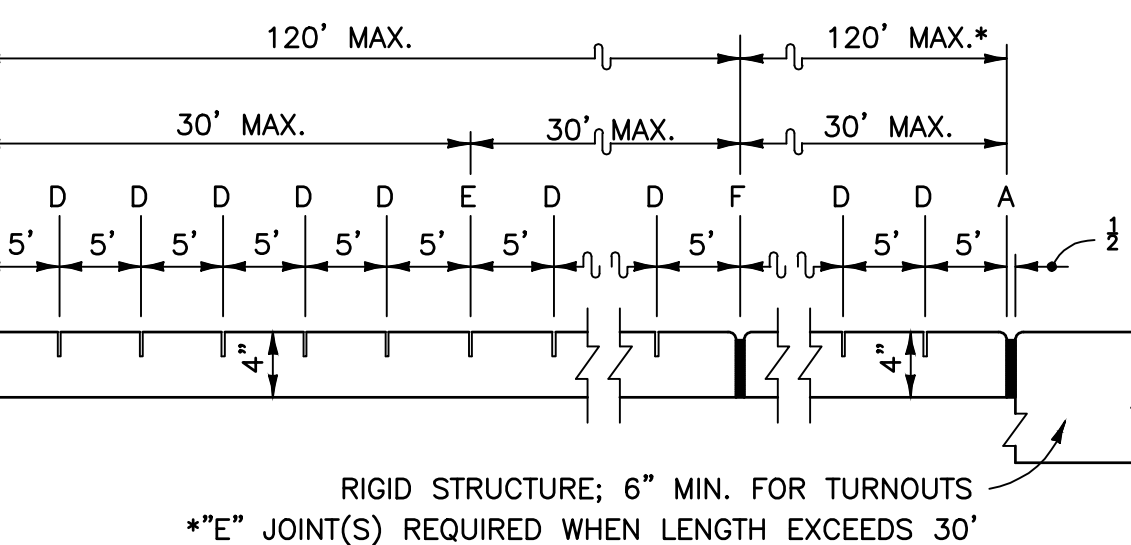


DETAIL B - SUBGRADE COMPACTION

N.T.S.



CONCRETE SIDEWALK JOINT DETAIL



LONGITUDINAL SECTION

CONCRETE SIDEWALK JOINT DETAIL

N.T.S. - FDOT STANDARD PLANS 550-001 LATEST EDITION

- LEGEND:
- A- 1/2" EXPANSION JOINTS (PREFORMED JOINT FILLER) BETWEEN THE SIDEWALK AND: DRIVEWAYS, SIDEWALK-INTERSECTIONS, AND ALL OTHER FIXED OBJECTS (E.G. DRAINAGE INLETS AND UTILITY POLES)
 - B- 1/8" DUMMY JOINTS, TOOLED
 - C- 1/2" FORMED OPEN JOINTS
 - D- 1/8" SAW CUT JOINTS, 1 1/2" DEEP (96 HOUR) MAX. 5' CENTERS
 - E- 1/8" SAW CUT JOINTS, 1 1/2" DEEP (WITHIN 12 HOURS) MAX. 30' CENTERS JOINT(S) REQUIRED WHEN LENGTH EXCEEDS 30'
 - F- 1/2" EXPANSION JOINT WHEN RUN OF SIDEWALK EXCEEDS 120' INTERMEDIATE LOCATIONS WHEN CALLED FOR IN THE PLANS OR AT LOCATIONS AS DIRECTED BY THE ENGINEER.
 - G- COLD JOINT WITH BOND BREAKER, TOOLED

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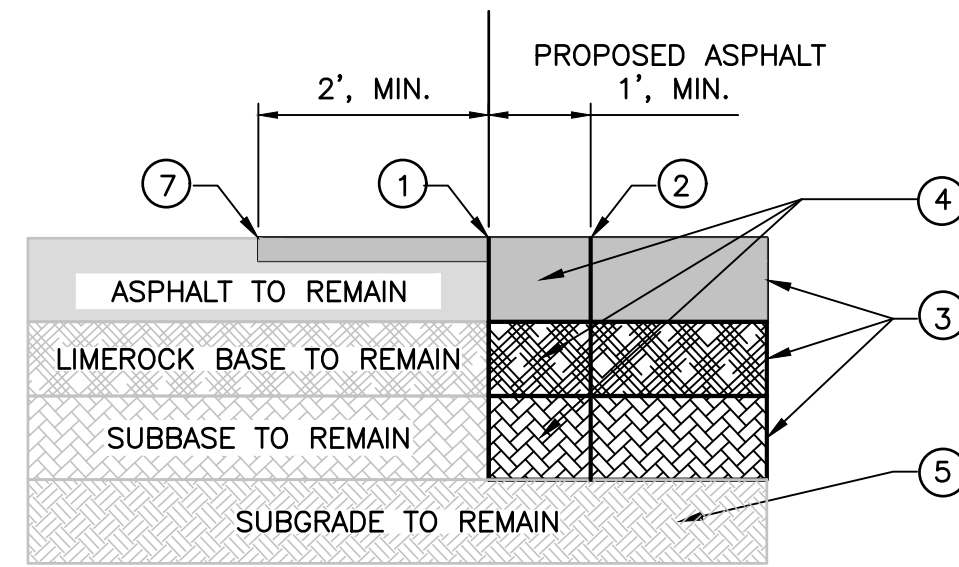
TYPICAL PAVEMENT DETAILS (SHEET 1 OF 2)
 RELEASE FOR BID

T-HANGAR DEVELOPMENT
 PREPARED FOR
CALHOUN COUNTY AIRPORT

DESIGNED BY: J.R.C.
 DRAWN BY: M.A.B.
 CHECKED BY: J.R.C.
 APPROVED BY: V.C.L.
 PROJECT NO: 2022.241.01
 DATE: AUGUST 2024

SHEET C-10

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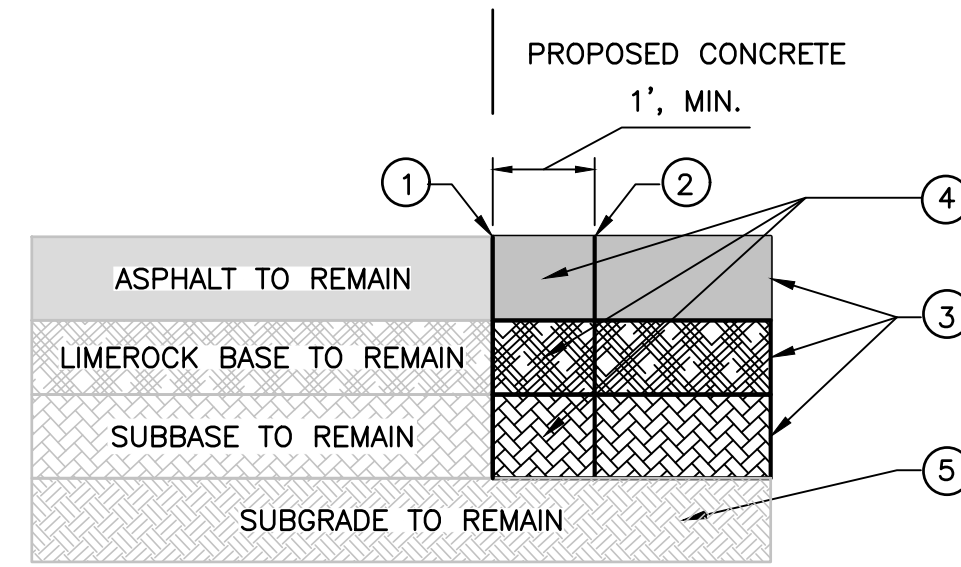


⑥ ⑧ NOT SHOWN FOR CLARITY

**DOUBLE SAW CUT - ASPHALT / ASPHALT
DEMOLITION DETAIL**
N.T.S.

SEQUENCING OF ASPHALT PAVEMENT DEMOLITION:

- ① FINAL FOOTPRINT OF NEW ASPHALT. CONTRACTOR SHALL SAW CUT AROUND THE FINAL FOOTPRINT TO THE FULL DEPTH OF THE ASPHALT PAVEMENT STRUCTURE.
- ② THE CONTRACTOR SHALL THEN OFFSET 1' (ONE FOOT) MINIMUM TO THE INTERIOR SIDES OF THE PROPOSED ASPHALT AND SAW CUT THE FULL DEPTH OF THE ASPHALT PAVEMENT.
- ③ CONTRACTOR SHALL REMOVE ASPHALT PAVEMENT ON THE INTERIOR OF CUT 2, BUT LEAVE REMAINING 1' OF ASPHALT BETWEEN CUTS 1 AND 2 FOR PROTECTION OF ASPHALT TO REMAIN.
- ④ CONTRACTOR MAY THEN REMOVE REMAINING ASPHALT STRIP BY BREAKING IT DOWN INTO SMALLER MORE MANAGEABLE SIZED PIECES FOR REMOVAL.
- ⑤ REMOVE SUBGRADE MATERIAL SUFFICIENT TO PLACE REQUIRED AMOUNT OF SUBBASE, BASE, AND ASPHALT PER PLAN. COMPACT SUBGRADE TO 100% OF THE MODIFIED PROCTOR VALUE AT OPTIMUM MOISTURE PER P-152.
- ⑥ PLACE NEW P-154 SUBBASE & P-209/211 BASE MATERIAL TO THICKNESSES SPECIFIED IN PLANS, COMPACTING EACH TO 100% OF THE MODIFIED PROCTOR VALUE AT OPTIMUM MOISTURE PER P-154 & P-209/211.
- ⑦ CONTRACTOR SHALL OFFSET 2' (TWO FEET) MINIMUM TO THE EXTERIOR SIDES OF THE PROPOSED ASPHALT AND SAW CUT TO A DEPTH OF 2". THE 2' WIDE STRIP WILL THEN BE MILLED TO A DEPTH OF 2".
- ⑧ PAVE, FINISHED SURFACES TO MATCH EXISTING ASPHALT GRADES AT ALL COMMON EDGES (SEE GRADING PLANS).



⑥ ⑦ ⑧ ⑨ NOT SHOWN FOR CLARITY

**DOUBLE SAW CUT - ASPHALT / CONCRETE
DEMOLITION DETAIL**
N.T.S.

SEQUENCING OF ASPHALT PAVEMENT DEMOLITION:

- ① FINAL FOOTPRINT OF NEW SLAB. CONTRACTOR SHALL SAW CUT AROUND THE FINAL FOOTPRINT TO THE FULL DEPTH OF THE ASPHALT PAVEMENT STRUCTURE.
- ② THE CONTRACTOR SHALL THEN OFFSET 1' (ONE FOOT) MINIMUM TO THE INTERIOR SIDES OF THE PROPOSED SLABS AND SAW CUT THE FULL DEPTH OF THE ASPHALT PAVEMENT.
- ③ CONTRACTOR SHALL REMOVE ASPHALT PAVEMENT ON THE INTERIOR OF CUT 2, BUT LEAVE REMAINING 1' OF ASPHALT BETWEEN CUTS 1 AND 2 FOR PROTECTION OF ASPHALT TO REMAIN.
- ④ CONTRACTOR MAY THEN REMOVE REMAINING ASPHALT STRIP BY BREAKING IT DOWN INTO SMALLER MORE MANAGEABLE SIZED PIECES FOR REMOVAL.
- ⑤ REMOVE SUBGRADE MATERIAL SUFFICIENT TO PLACE REQUIRED AMOUNT OF SUBBASE, BASE, AND CONCRETE PER PLAN. COMPACT SUBGRADE TO 100% OF THE MODIFIED PROCTOR VALUE AT OPTIMUM MOISTURE PER P-152.
- ⑥ PLACE NEW P-154 SUBBASE MATERIAL TO THICKNESSES SPECIFIED IN PLANS, COMPACTING TO 100% OF THE MODIFIED PROCTOR VALUE AT OPTIMUM MOISTURE PER P-154.
- ⑦ PLACE NEW P-403 BASE MATERIAL.
- ⑧ PLACE NECESSARY FORMS, DOWEL BASKETS AND DOWELS AT REQUIRED SPACING AND PAVE, FINISHED SURFACES TO MATCH EXISTING ASPHALT GRADES AT ALL COMMON EDGES (SEE GRADING PLANS).
- ⑨ PLACE CURING COMPOUND AND PROCEED WITH CUTTING OF ALL THE CONTRACTION JOINTS AT THE TIME REQUIRED IN THE SPECIFICATIONS. COMPLETE SEALING IS REQUIRED OF ALL JOINTS PER SPECIFICATION P-605.

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TYPICAL PAVEMENT DETAILS
(SHEET 2 OF 2)
RELEASE FOR BID

T-HANGAR DEVELOPMENT
PREPARED FOR
CALHOUN COUNTY AIRPORT

DESIGNED BY: J.R.C.
DRAWN BY: M.A.B.
CHECKED BY: J.R.C.
APPROVED BY: V.C.L.
PROJECT NO: 2022.241.01
DATE: AUGUST 2024

SHEET
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STANDARDS AND REGULATORY REQUIREMENTS

CONFORM TO ALL THE APPLICABLE REQUIREMENTS OF THE FOLLOWING CODE STANDARDS, GUIDELINES, ETC. IF THERE SHOULD BE CONFLICTING REQUIREMENTS BETWEEN THESE CODES, STANDARDS, GUIDELINES, ETC., THE MORE OR MOST STRINGENT REQUIREMENT SHALL APPLY THAT DOES NOT VIOLATE ANY CODES OR LAWS.

- NATIONAL ELECTRIC CODE (NEC), 2017 EDITION [NFPA 70]
- NATIONAL FIRE ALARM CODE, 2016 EDITION [NFPA 72]
- LIFE SAFETY CODE, CURRENT EDITION [NFPA 101]
- NFPA 780, 2017 EDITION
- FLORIDA ENERGY CODE 2017 SIXTH EDITION
- LOCAL GOVERNMENT AND FLORIDA BUILDING CODE 2020 EDITION

- THE ABOVE MOUNTING ELEVATIONS ARE TO CENTER OF DEVICE AND SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS AND/OR SPECIFICATIONS.
- COORDINATE THE INSTALLATION AND MOUNTING ELEVATIONS OF ALL EQUIPMENT, DEVICES, CONTROLS AND APPURTENANCES WITH DOA, DESIGN PROFESSIONAL AND ALL AFFECTED TRADES PRIOR TO INSTALLATION. DOCUMENT ALL MOUNTING ELEVATIONS FOR ALL EQUIPMENT, DEVICES, CONTROLS AND APPURTENANCES AT THE TIME OF SHOP DRAWING SUBMITTAL.

ABBREVIATIONS:

A	AMPERES	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
AFG	ABOVE FINISHED GRADE	MCM	THOUSAND CIRCULAR MILS
AL	ALUMINUM	MISC	MISCELLANEOUS
ANNUN	ANNUNCIATOR	MLO	MAIN LUGS ONLY
ARCH	ARCHITECT	MDP	MAIN DISTRIBUTION PANEL
ATS	AUTOMATIC TRANSFER SWITCH	MECH	MECHANICAL
AWG	AMERICAN WIRE GAUGE		
B.A.F.	BIG ASS FANS	NC	NORMALLY CLOSED
BFG	BELOW FINISHED GRADE	NEC	NATIONAL ELECTRICAL CODE
BFF	BELOW FINISHED FLOOR	NF	NON-FUSED
BBS	BELOW BOTTOM OF SLAB	NIC	NOT IN CONTRACT
BLDG	BUILDING	NO	NORMALLY OPEN
		NTS	NOT TO SCALE
C	CONDUIT	OSP	OIL/WATER SEPARATOR PANEL
CAT	CATALOG		
C.E.P.	CENTRAL ENERGY PLANT	φ	PHASE
CKT	CIRCUIT	PVC	POLYVINYL CHLORIDE
CU	COPPER	P/T	POTENTIAL TRANSFORMER
C/B	CIRCUIT BREAKER	PC	PHOTO CELL
C/T	CURRENT TRANSFORMERS		
Δ	DELTA	R	RECESSED
DIA	DIAMETER	RECP.	RECEPTACLE
DWG	DRAWING	SCR	SHORT CIRCUIT RATING
DVP	DIVERTER VALVE PANEL	SPD	SURGE PROTECTION DEVICE
		SURF	SURFACE
FLA	FULL LOAD AMPS		
FT	FEET	TEL	TELEPHONE
		TEMP	TEMPERATURE
GND	GROUND	UG	UNDERGROUND
GEN	GENERATOR	UNIV	UNIVERSAL
GF	GROUND FAULT INTERRUPT	UNO	UNLESS NOTED OTHERWISE
HPP	480Y/277V LIGHTING BRANCH PANEL	UPS	UNINTERRUPTED POWER SUPPLY
HLP	480Y/277V EQUIPMENT BRANCH PANEL		
		V	VOLTS
IG	ISOLATED GROUND		
		W	WATTS
KVA	KILOVOLT - AMPERES	WP	WEATHERPROOF ENCLOSURE
KW	KILOWATTS	GF/WP	WEATHERPROOF WITH GROUND FAULT INTERRUPT
LCP	LIGHTING CONTROL PANEL		
LDP	208Y/120V DISTRIBUTION PANEL	XFMR	TRANSFORMER
LLP	208Y/120V LIGHTING PANEL		
LPP	208Y/120V EQUIP POWER PANEL	U	UNDER GROUND
LSIA	LONG, SHORT, INSTANTANEOUS FAULT ALARM		
LSIG	LONG, SHORT, INSTANTANEOUS GROUND FAULT	WYE	WYE

ELECTRICAL NOTES

- GENERAL ELECTRICAL NOTES LISTED BELOW APPLY TO ALL ELECTRICAL SHEETS, INCLUDING ALL DETAILS, SECTIONS, AND/OR DRAWINGS ISSUED AS ADDENDA TO THESE DRAWINGS.
- ALL WORK SHALL COMPLY WITH CODES AND STANDARDS LISTED ON THE DRAWINGS AND PER THE SPECIFICATIONS.
- ALL DEVICES SHALL BE INSTALLED AT MOUNTING HEIGHTS AS OUTLINED IN ADA, UFC 3-600-01, NFPA AND SHALL BE LISTED BY THE UNDERWRITERS LABORATORIES, INC. (UL) OR NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA).
- DO NOT SCALE FROM THESE DRAWINGS. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
- THE DRAWINGS ARE DIAGRAMMATIC AND THE OMISSION OF AN ITEM NECESSARY FOR THE PROPER FUNCTIONING OF THE SYSTEM DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING THAT ITEM.
- THE SUBMISSION OF A BID OR PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED THEMSELVES WITH THE PLANS, SPECIFICATIONS, AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND/OR LABOR DUE TO DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED, UNLESS DIFFICULTIES COULD NOT HAVE BEEN FORESEEN EVEN THOUGH PROPER EXAMINATION HAD BEEN MADE.
- IN THE EVENT OF CONTRADICTIONS, ON THESE PLANS FROM SHEET TO SHEET (ELECTRICAL, MECHANICAL, ARCHITECTURAL, CIVIL AND/OR STRUCTURAL), THE CONTRACTOR SHALL INCLUDE IN THEIR BID THE COST OF THE MOST RESTRICTIVE (COSTLY) ACTION SPECIFIED. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S AND ENGINEER'S ATTENTION PRIOR TO THE PRE-CONSTRUCTION MEETING FOR CLARIFICATION OF THE WORK TO BE PERFORMED. ANY COSTS GENERATED AS A RESULT OF FAILURE TO IDENTIFY THESE DISCREPANCIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- PRIOR TO BID, COORDINATE ALL ELECTRICAL WORK WITH MECHANICAL WORK. COORDINATE ALL MECHANICAL LOADS, VOLTAGES AND LOCATIONS WITH THE MECHANICAL CONTRACTOR AND MAKE NECESSARY ADJUSTMENTS WITHOUT EXTRA CHARGES.
- SHOULD ANY QUESTIONS AND/OR DISCREPANCIES ARISE REGARDING THE CONTRACT DOCUMENTS AND/OR FIELD CONDITIONS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT/ENGINEER FOR PROPER INTERPRETATION AND/OR CLARIFICATION PRIOR TO THE COMMENCEMENT OF ANY WORK. IN THE ABSENCE OF SUCH REQUEST AND/OR AUTHORIZATION FROM THE ARCHITECT /ENGINEER, THE CONTRACTOR WILL BE PROCEEDING AT HIS OWN RISK.
- THE ELECTRICAL CONTRACTOR SHALL NOT CONCEAL ANY WORK UNTIL INSPECTED AND APPROVED BY ELECTRICAL INSPECTOR AND/OR ARCHITECT/ENGINEER. THE CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF A SCHEDULED INSPECTION TIME WITHIN 72 HOURS.
- WHERE CROWDED LOCATIONS EXIST OR WHERE THERE IS A POSSIBILITY OF CONFLICT BETWEEN TRADES, THE CONTRACTOR SHALL MAKE COMPOSITE DRAWINGS SHOWING THE EXACT LOCATION OF DUCTS, CONDUIT AND EQUIPMENT. DRAWINGS SHALL BE BASED ON FIELD MEASUREMENTS AND, AFTER CONSULTATION AND AGREEMENT BETWEEN THE TRADES, SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER BEFORE INSTALLATION OF THE WORK.
- FOR SPACES WITH INACCESSIBLE HARD CEILINGS OR PLUMBING CHASES, PROVIDE 30" x 30" HINGED ACCESS PANELS AS REQUIRED FOR ELECTRICAL EQUIPMENT ACCESS OR CLEARANCE.
- THE ELECTRICAL CONTRACTOR IS TO PROVIDE PULL STRINGS IN ALL EMPTY CONDUIT AND RACEWAYS WITH LABELING TAGS AT EACH END.
- ALL BARE METAL SURFACES SHALL BE PRIMED AND PAINTED TO PREVENT ANY RUST, INCLUDING BUT NOT LIMITED TO ANGLE FRAMING, EQUIPMENT SUPPORTS, MOUNTING HARDWARE, ETC.
- ALL MATERIALS AND EQUIPMENT INSTALLED IN RETURN AIR PLENUMS SHALL BE NON-COMBUSTIBLE AND UL LABELED AND LISTED FOR THE APPLICATION. ALL WIRING SHALL BE PLENUM RATED OR ENCLOSED IN A METAL RACEWAY.
- COORDINATE LIGHTING, SWITCHING, AND RECEPTACLE LOCATIONS IN MECHANICAL SPACES WITH RESPECT TO ACTUAL MECHANICAL EQUIPMENT INSTALLATION FOR OPTIMUM LIGHTING AND UTILIZATION OF RECEPTACLES.
- SURGE PROTECTION SHALL BE PROVIDED ON ALL CABLES ENTERING/ EXITING BUILDINGS THAT CONNECT TO ELECTRICAL EQUIPMENT.
- CONDUCTORS: FEEDER AND BRANCH CIRCUIT CONDUCTORS SHALL BE THWN-2 COPPER (MINIMUM SIZE #12 UNLESS OTHERWISE NOTED). NO ALUMINUM SHALL BE PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE. INSTALL ALL WIRING IN CONDUIT OR APPROVED RACEWAYS UNLESS OTHERWISE INDICATED. ALL RACEWAYS SHALL HAVE A GREEN GROUNDING CONDUCTOR. CONDUCTORS UP-SIZED FOR THE PURPOSE OF MITIGATING VOLTAGE DROP SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTOR'S BID PRICE AND VOLTAGE DROP CALCULATIONS SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 70. ALL BRANCH CIRCUITS SHALL CARRY A GROUNDING EQUIPMENT CONDUCTOR, AND BE WIRED WITH COLOR-CODED WIRE WITH THE SAME COLOR USED FOR A PHASE THROUGHOUT. COLOR-CODE SHALL BE AS FOLLOWS:
 - 120/208 VOLT: PHASE A - BLACK; PHASE B - RED; PHASE C - BLUE; NEUTRAL - WHITE; GROUND - GREEN.
- RACEWAYS AND FITTINGS: ALL RACEWAYS AND FITTINGS SHALL BE GALVANIZED RIGID STEEL OR INTERMEDIATE METAL CONDUIT WITH LOCKNUTS AND BUSHINGS, WITH THE EXCEPTION THAT WHERE SPECIFICALLY ALLOWED BY THE NATIONAL ELECTRICAL CODE AND APPLICABLE LOCAL CODES, ELECTRICAL METALLIC TUBING (E.M.T) MAY BE USED FOR ALL INTERIOR EXPOSED AND CONCEALED WORK WHERE IT IS NOT SUBJECT TO PHYSICAL DAMAGE OR CORROSION. FITTINGS SHALL BE STEEL SET SCREW TYPE. NO BX CABLE ALLOWED. EXPOSED CONDUIT IS NOT PERMITTED IN FINISHED OFFICE AREAS. INSTALL EXPANSION FITTINGS IN RACEWAYS EVERY 200' LINEAR RUN OR WHEREVER STRUCTURAL EXPANSION JOINTS ARE CROSSED.

ELECTRICAL NOTES, CONT.

- MANUFACTURERS: BASE OF DESIGN IS SQUARE D, EQUAL PRODUCTS BY GENERAL ELECTRIC, SIEMENS OR CUTLER HAMMER WILL BE CONSIDERED. ALL ELECTRICAL PANELS, CABINETS, DISCONNECT SWITCHES, AND ENCLOSED STARTERS SHALL BE NEMA 1 IF INSTALLED IN AN INTERIOR LOCATION AND NEMA 4X STAINLESS STEEL IF INSTALLED IN A EXTERIOR LOCATION.
- MATERIALS SHALL BE NEW AND UNUSED AND THE CATALOGUED PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SUCH MATERIALS. THE MATERIALS SHALL BE OF THE MANUFACTURER'S LATEST STANDARD DESIGN THAT COMPLIES WITH THE SPECIFICATION REQUIREMENTS.
- ALL GROUNDING SHALL CONFORM TO ARTICLE 250 OF THE NEC REQUIREMENTS. IN ADDITION THERETO AS IMPOSED BY THE DRAWINGS AND THE LOCAL CODE ENFORCEMENT AUTHORITIES HAVING JURISDICTION.
- FIREPROOF ALL OPENINGS ON FIRE RATED WALLS BY AN UL APPROVED SYSTEM.
- CONDUIT PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED USING APPROVED FIRE SAVING COMPOUND. REFER TO EXISTING ARCHITECTURAL FLOOR PLAN FOR LOCATION OF FIRE RATED PARTITIONS.
- REVIEW AND COORDINATE WITH DIV. 23 DRAWINGS FOR EQUIPMENT, CONDUIT, DEVICES, ETC. REQUIRED FOR A COMPLETE AND OPERATING HVAC SYSTEM. LOW VOLTAGE CONTROL WIRING FURNISHED AND INSTALLED BY DIVISION 23. CHECK ALL MOTORS AND ROTATING EQUIPMENT FOR PROPER ROTATION.
- ELECTRICAL CONTRACTOR SHALL INCLUDE CUTTING AND PATCHING FOR THE INSTALLATION OF HIS/HER WORK WITHIN BASE BID.
- PROVIDE REDLINED "AS BUILT" ELECTRICAL DRAWINGS AT THE COMPLETION OF THE PROJECT.
- CONTRACTOR REPRESENTS THAT HIS BID IS BASED UPON THE MANUFACTURER'S MATERIALS AND EQUIPMENT DESCRIBED IN THE CONTRACT DOCUMENTS.
- ELECTRICAL CONTRACTOR SHALL FILE BUILDING DEPARTMENT ELECTRICAL PERMIT FORMS.
- ALL ELECTRICAL BOXES INSTALLED IN 1 HOUR RATED BARRIER AND 2 HOUR SHAFT WALLS ARE REQUIRED TO HAVE THE SAME FIRE RATINGS AS THE WALLS, HAVE SIZE AND SPACING AS PER NEC.
- ALL EQUIPMENT SHOWN IS TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
- ELECTRICAL EQUIPMENT BASIS OF DESIGN IS AS NOTED ON PLANS. ACCEPTABLE EQUIVALENT EQUIPMENT MAY BE SUBMITTED FOR REVIEW.
- ALL FIRE ALARM DEVICES, RECEPTACLE, TELEPHONE AND DATA JACK COVERS SHALL BE WHITE.
- THIS DRAWING IS DIAGRAMMATIC IN NATURE AND DEPICTS THE GENERAL ARCHITECTURE, ARRANGEMENT AND CONNECTIVITY OF THE LOCAL AREA NETWORK DEVICES. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND APPROXIMATE PHYSICAL LOCATIONS OF DEVICES.

TYP. MOUNTING HEIGHTS

CEILING		SMOKE AND HEAT DETECTORS, 360° SECURITY MOTION DETECTORS, CCTV SURVEILLANCE CAMERAS, PUBLIC ADDRESS AND VOICE EVACUATION SPEAKERS, WIRELESS ACCESS POINTS.
8'-0" A.F.F.		EXTERIOR VISUAL AND AUDIO/VISUAL FIRE ALARM NOTIFICATION DEVICES, EXTERIOR PUBLIC ADDRESS SPEAKERS.
7'-6" A.F.F.		CLOCKS, COMBINATION CLOCK/SPEAKERS, TRUMPET SPEAKERS
6" ABOVE DOOR JAMB		REQUEST TO EXIT MOTION DETECTORS
7'-0" A.F.F.		VISUAL AND AUDIO/VISUAL FIRE ALARM NOTIFICATION DEVICES, WALL MOUNTED SECURITY MOTION DETECTORS (CENTER OF DEVICE)
5'-6" A.F.F.		TOP OF PLYWOOD TELEPHONE BACKBOARD
5'-4" A.F.F.		FIRE ALARM ANNUNCIATOR PANELS, FIRE FIGHTER CONTROL STATIONS, SECURITY ANNUNCIATOR PANELS
4'-8" A.F.F. MAX		PEDESTAL MOUNT INTERCOM PEDESTAL MOUNT CARD READER
4'-0" A.F.F.		(WALL MOUNTED)-TELEPHONE INSTRUMENTS, INTERCOM STATIONS, FIRE FIGHTER TELEPHONE JACKS, FIRE ALARM MANUAL STATIONS
1'-6" A.F.F.		DATA/TELEPHONE JACKS, LOW TELEVISION JACKS, MICROPHONE JACKS
0'-0" A.F.F.		IN FLOOR JUNCTION BOXES

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LEGEND NOTE: THESE ARE STANDARD SYMBOLS AND ALL MAY NOT APPEAR IN THIS PROJECT DRAWING SET. REFER TO ELECTRICAL GENERAL NOTES FOR ABBREVIATION LIST AND SPECIFICATIONS FOR MOUNTING HEIGHTS

ELECTRICAL SYMBOL LEGEND

POWER DISTRIBUTION EQUIPMENT

- MAIN SERVICE DISTRIBUTION SWITCHGEAR, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- MAIN / BRANCH DISTRIBUTION PANELBOARD, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- 480Y/277V, 3, 4W BRANCH PANELBOARD, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- 208Y/120V, 3, 4W BRANCH PANELBOARD, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- 240/120V, 3, 3W BRANCH PANELBOARD, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- ATS - AUTOMATIC TRANSFER SWITCH, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- MBS - MAINTENANCE BY-PASS SWITCH, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- DRY-TYPE TRANSFORMER MOUNTED TO 4" CONCRETE HOUSEKEEPING PAD UNLESS OTHERWISE NOTED, SEE RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS
- UTILITY METER BASE, SEE RISER DIAGRAM FOR DETAILS
- EMERGENCY SHUNT TRIP, MOUNTED 84" AFF FOR OUTDOOR USE AND 48" AFF FOR INDOOR USE UNLESS OTHERWISE NOTED, SEE RISER DIAGRAM FOR DETAILS
- SURGE PROTECTION DEVICE, SEE RISER DIAGRAM FOR LOCATIONS AND SEE SPECIFICATIONS FOR DETAIL INFORMATION
- TRAFFIC RATED PRE-FORMED MAN HOLE OR APPROVED EQUAL
- 24"x24" ELECTRICAL PULL BOX OR APPROVED EQUAL, UNLESS OTHERWISE NOTED
- 12"x12" ELECTRICAL HAND-HOLE OR APPROVED EQUAL, UNLESS OTHERWISE NOTED
- ELECTRICAL WIRE WAY, CONTRACTOR TO SIZE ACCORDING TO NEC CODE, UNLESS OTHERWISE NOTED. SEE ELECTRICAL SPECIFICATIONS FOR DETAIL INFORMATION AND TYPE
- MSGB - MAIN SERVICE ELECTRICAL GROUND BAR
- INSTANTANEOUS WATER HEATER, ELECTRIC OR GAS

MECH. POWER EQUIPMENT

- ELECTRIC PUMP MOTOR, ID MARK WILL CORRESPOND WITH PLUMBING SCHEDULE FOR SIZE AND ELECTRICAL DATA
- ELECTRIC HVAC MOTOR, ID MARK WILL CORRESPOND WITH MECHANICAL SCHEDULE FOR SIZE AND ELECTRICAL DATA
- INSTANTANEOUS ELECTRIC WATER HEATER, SEE PLUMBING SCHEDULE FOR SIZE AND ELECTRICAL DATA
- ELECTRIC HOT WATER HEATER, SEE PLUMBING SCHEDULE FOR SIZE AND ELECTRICAL DATA
- RE-CIRCULATION PUMP, SEE PLUMBING SCHEDULE FOR SIZE AND ELECTRICAL DATA
- 24V ELECTRIC AUTOMATIC FLUSH VALVE AND MINI TRANSFORMER, SEE PLUMBING SCHEDULE FOR SIZE AND ELECTRICAL DATA
- 24V ELECTRIC AUTOMATIC SINK VALVE AND MINI TRANSFORMER, SEE PLUMBING SCHEDULE FOR SIZE AND ELECTRICAL DATA

CONDUIT AND WIRE

- ABOVE GROUND RIGID METAL CONDUIT UNLESS NOTED OTHERWISE
- BURIED ELEC SCHD 40 PVC CONDUIT, UNLESS NOTED OTHERWISE
- ELECTRICAL CONDUCTOR HOME RUN, STANDARD CONDUCTOR SIZE IS 20A, 75° RATED, #12AWG THHN WIRE UNLESS OTHERWISE NOTED. SEE RISER DIAGRAM AND FEEDER SCHEDULES FOR CONDUCTOR SIZE, NUMBER OF CONDUCTORS, GROUND WIRE SIZE, CONDUIT SIZE AND VOLTAGE DROP.
- ABOVE GROUND CONDUCTOR OR GROUND CABLE, UNLESS OTHERWISE NOTED
- BELOW GROUND CONDUCTOR OR GROUND CABLE, UNLESS OTHERWISE NOTED
- GROUND CONNECTION OR GROUND CONNECTOR
- BURIED FIBER OPTIC CABLE, UNLESS NOTED OTHERWISE
- 8 STRAND CAT 6 WIRE, UNLESS NOTED OTHERWISE

POWER EQUIPMENT

- FLOOR / WALL MOUNTED JUNCTION BOX, STANDARD SIZE 4"x4" METAL BOX UNLESS NOTED OTHERWISE
- CEILING MOUNTED JUNCTION BOX, STANDARD SIZE 4"x4" METAL BOX UNLESS NOTED OTHERWISE
- POKE THROUGH JUNCTION BOX, STANDARD SIZE 4" ROUND METAL BOX UNLESS NOTED OTHERWISE
- DUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT 18" AFF, UNLESS OTHERWISE NOTED
 - GFI - GROUND FAULT CIRCUIT INTERRUPTER
 - IG - ISOLATED GROUND FAULT RECEPTACLE
 - C - OUTLET CONTROLLED VIA LIGHTING CONTROL PER 2019 FLORIDA ENERGY CODE
 - A - ARC FAULT CIRCUIT INTERRUPTER
 - WP - GROUND FAULT CIRCUIT INTERRUPTER IN WEATHERPROOF BOX w/ COVER
 - REF - DEDICATED REFRIGERATOR RECEPTACLE
 - MW - DEDICATED MICROWAVE GFI RECEPTACLE
 - EWC - DEDICATED ELECTRIC WATER COOLER GFI RECEPTACLE, SEE PLUMBING PLANS FOR LOCATION
- GFI DUPLEX RECEPTACLE MOUNTED AT COUNTERTOP HEIGHT 42" AFF, UNLESS OTHERWISE NOTED
 - IG - ISOLATED GROUND FAULT RECEPTACLE
 - C - OUTLET CONTROLLED VIA LIGHTING CONTROL PER 2019 FLORIDA ENERGY CODE
 - A - ARC FAULT CIRCUIT INTERRUPTER
 - MW - DEDICATED MICROWAVE RECEPTACLE
- QUADRUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT 18" AFF, UNLESS OTHERWISE NOTED
 - GFI - GROUND FAULT CIRCUIT INTERRUPTER
 - IG - ISOLATED GROUND FAULT RECEPTACLE
 - EWC - DEDICATED ELECTRIC WATER COOLER GFI RECEPTACLE, SEE PLUMBING PLANS FOR LOCATION
- DUPLEX RECEPTACLE FLUSH MOUNTED IN FLOOR, METAL BOX w/ COVER UNLESS OTHERWISE NOTED
- 208V / 230V 2 POLE DEDICATED DRYER SIMPLEX OUTLET MOUNTED AT 48", UNLESS OTHERWISE NOTED
- 480V, 3 PHASE, 4 WIRE DEDICATED SPECIALTY OUTLET MOUNTED AT 48", UNLESS OTHERWISE NOTED
- ELECTRIC MOTOR, * DENOTES TYPE OF MOTOR
 - G - GENERATOR MOTOR
 - E - ELEVATOR MOTOR
 - M - GENERAL ELECTRIC MOTOR
- 20A MOTOR RATED TOGGLE SAFETY SWITCH OR APPROVED EQUAL, UNLESS OTHERWISE NOTED
- NON FUSED HEAVY DUTY SAFETY SWITCH (SIZE AND NO. OF POLES ARE INDICATED)
 - 30/3, 4X SAFETY SWITCH ENCLOSURE NEMA RATING
 - NF (NON FUSED)
 - SAFETY SWITCH SIZE / NUMBER OF POLES
- FUSED HEAVY DUTY SAFETY SWITCH (SIZE, NO. OF POLES AND FUSE SIZE ARE INDICATED)
 - 30/3, 4X SAFETY SWITCH ENCLOSURE NEMA RATING
 - NF (NON FUSED)
 - SAFETY SWITCH SIZE / NUMBER OF POLES
- COMBINATION MAGNETIC STARTER / FUSED HEAVY DUTY SAFETY SWITCH
 - 00/30A, 4X SAFETY SWITCH ENCLOSURE NEMA RATING
 - NF (NON FUSED)
 - NEMA STARTER SIZE
 - SAFETY SWITCH SIZE / NUMBER OF POLES
- COMBINATION MAGNETIC STARTER / ENCLOSED CIRCUIT BREAKER
 - 00/30A, 4X SAFETY SWITCH ENCLOSURE NEMA RATING
 - CIRCUIT BREAKER SIZE
 - NEMA STARTER SIZE
- ENCLOSED CIRCUIT BREAKER
 - 30A, 4X CIRCUIT BREAKER SIZE
 - CIRCUIT BREAKER ENCLOSURE NEMA RATING
- VFD (VARIABLE FREQUENCY DRIVE) STARTER / DISCONNECT, SEE MECHANICAL SCHEDULE FOR MOTOR SIZE AND ELECTRICAL DATA
- UNIT MOTOR SIZE, SEE MECHANICAL SCHEDULE FOR MOTOR SIZE
- VFD ENCLOSURE NEMA RATING

LIGHTING EQUIPMENT

- LED EXIT LIGHT, SINGLE FACE, ARROWS SHOWN ON FLOOR PLAN FOR DIRECTION OF EXIT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- LED EXIT LIGHT, DUAL FACE, ARROWS SHOWN ON FLOOR PLAN FOR DIRECTION OF EXIT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- INDUSTRIAL 1x4 LED FIXTURE w/ DEFLECTOR. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- INDUSTRIAL 1x4 LED STRIP LIGHT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- VAPOR TIGHT 1x4 LED LIGHT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- LED WALL MOUNT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- LED POLE MOUNT SITE FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- SURFACE MOUNT ROUND LIGHT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- SURFACE MOUNT SQUARE LIGHT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- RECESSED ROUND CAN LIGHT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE
- RECESSED SQUARE CAN LIGHT. SEE LIGHTING FIXTURE SCHEDULE FOR MANUFACTURER, ELECTRICAL DATA AND MOUNTING TYPE

LIGHTING CONTROLS

- SINGLE POLE DIGITAL SWITCH, UNLESS OTHERWISE NOTED
 - 1 - SINGLE BUTTON DIGITAL SWITCH
 - 2 - 2 BUTTON DIGITAL SWITCH
 - 3 - 3 BUTTON DIGITAL SWITCH
 - 4 - 4 BUTTON DIGITAL SWITCH
 - 5 - 5 BUTTON DIGITAL SWITCH
 - 8 - 8 BUTTON DIGITAL SWITCH
 - KS - KEY OPERATED SWITCH
 - 0 - DIGITAL SWITCH / OCCUPANCY SENSOR COMBINATION
 - T - DIGITAL TIMER SWITCH w/ OVERRIDE
 - 3W - 3 WAY TOGGLE SWITCH
 - WP - TOGGLE SWITCH IN WEATHERPROOF BOX w/ COVER
- LIGHTING RELAY CONTACT PANEL
- EXTERIOR PHOTO-ELECTRIC CELL FOR RELAY PANEL
- ASTRONOMICAL TIME CLOCK

LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE ID	QTY	DESCRIPTION	LOAD	VOLTAGE
	WL	62	HE WILLIAMS 80-4-L63-8-40. 4' LINEAR LED FIXTURE	41.6 VA	120V
	EX	21	COOPER INDUSTRIES APCH7RSQ EXIT LIGHT WITH 90 MINUTE BATTERY BACK UP. UL 924 LISTED	1.3 VA	120V
	DL	4	HE WILLIAMS 6" ROUND DOWN LIGHT 6DR-TL-L30-835-DIM-UNIV-OW	26.9 VA	120V
	FL	20	HE WILLIAMS FLOODLIGHT VF2-L57-730-HF-MTG-CLR-OPT-DIM-UNV	53.0 VA	120V

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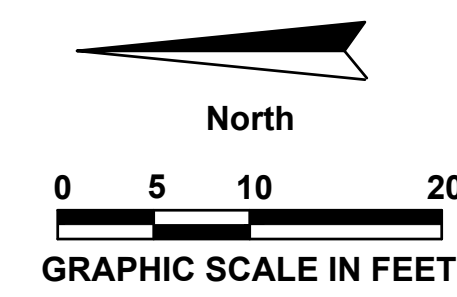
**ELECTRICAL SYMBOL
 LEGEND AND
 LUMINAIRE SCHEDULE**

**T-HANGAR
 DEVELOPMENT**
 PREPARED FOR
**CALHOUN COUNTY
 AIRPORT**

DESIGNED BY: J.R.C.
 DRAWN BY: M.A.B.
 CHECKED BY: J.R.C.
 APPROVED BY: V.C.L.
 PROJECT NO: 2022.241.01
 DATE: AUGUST 2024

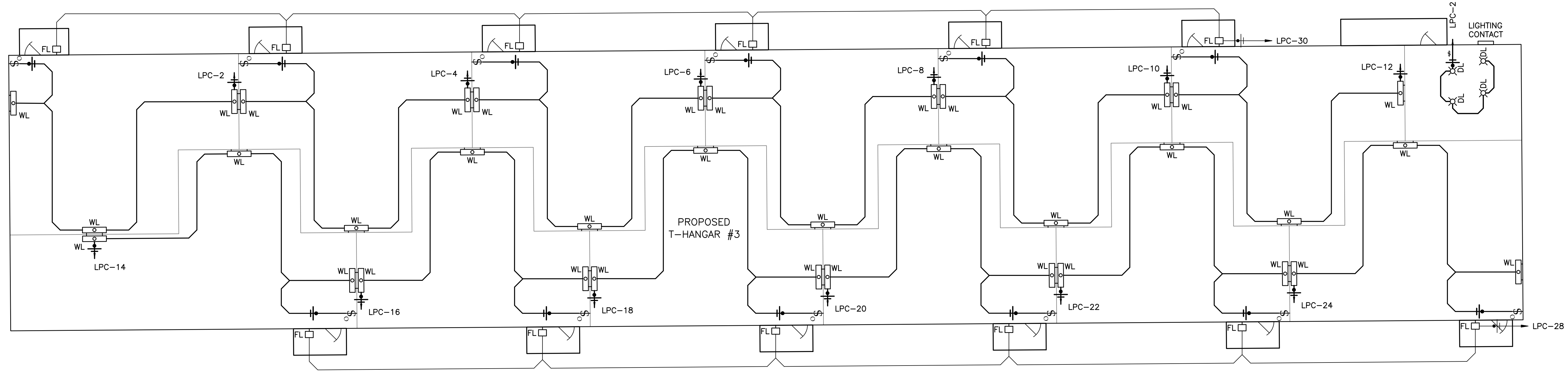
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NOTES

1. LIGHTING CONTRACTOR PANEL TO BE LOCATED ON NORTHERN WALL OF HANGAR FOR CONTROL OF EXTERIOR LIGHTING CIRCUITS.
2. PROVIDE LIGHT SWITCH WITH INTEGRAL OCCUPANCY SENSOR IN EACH T-HANGAR AND RESTROOM. SWITCH SHALL OVERRIDE OCCUPANCY SENSOR INPUT.
3. PROVIDE EXIT SIGNS WITH INTEGRAL BATTERY-BACKED "GOOSE EYE" EGRESS LIGHTING AT DOOR.



PROPOSED T-HANGAR LIGHTING PLAN - BUILDING #3
SCALE: 1"=10'

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**T-HANGAR BUILDING 3
LIGHTING PLAN**
RELEASE FOR BID

**T-HANGAR
DEVELOPMENT**
PREPARED FOR
**CALHOUN COUNTY
AIRPORT**

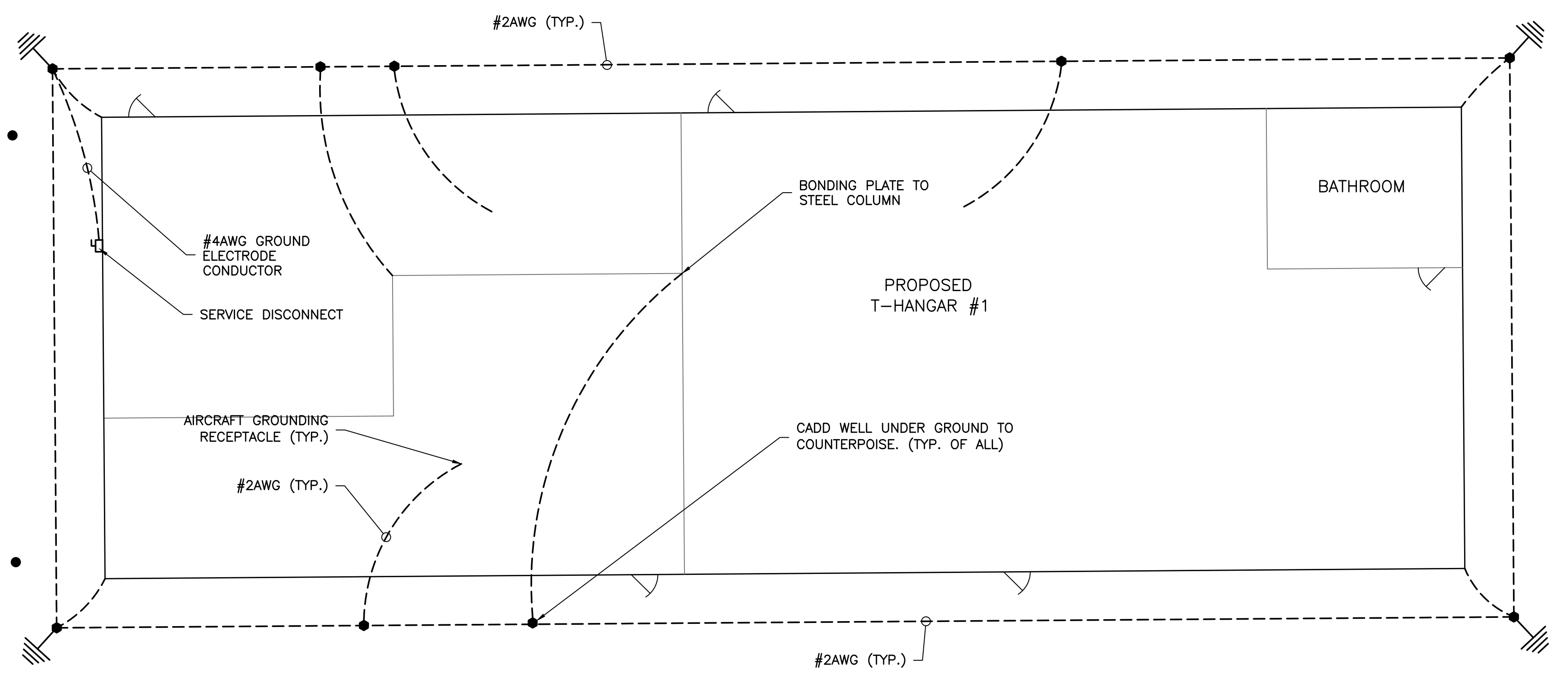
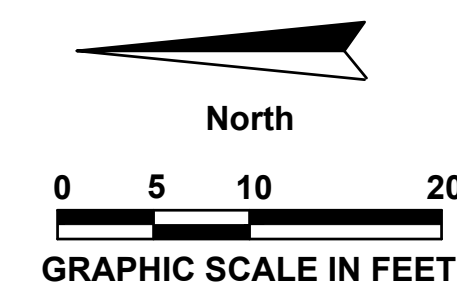
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**SHEET
E302**

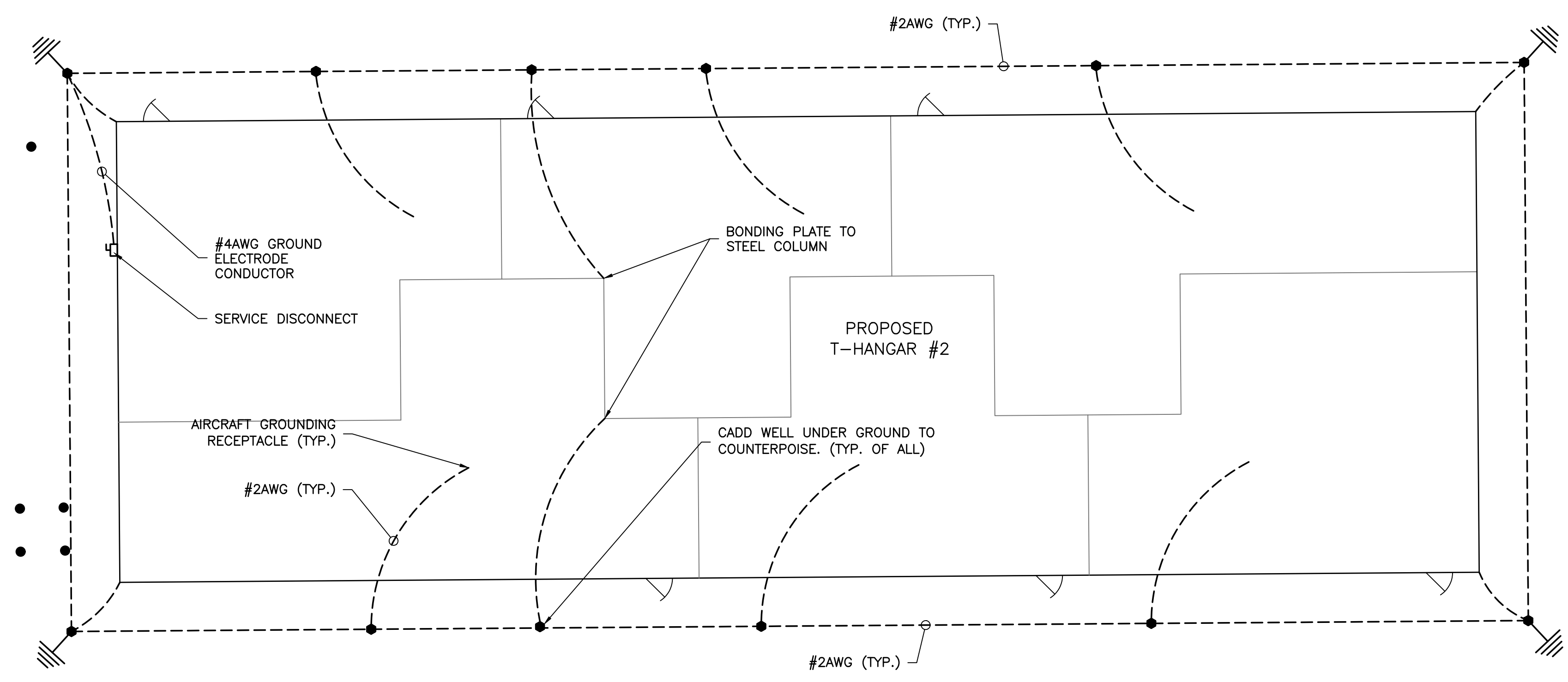
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PROPOSED T-HANGAR GROUNDING PLAN - BUILDING #1
SCALE: 1"=10'



PROPOSED T-HANGAR GROUNDING PLAN - BUILDING #2
SCALE: 1"=10'

GROUNDING GENERAL NOTES

1. SEE SHEET E701 FOR AIRCRAFT GROUNDING CONNECTION DETAIL. LOCATE AT DIMENSIONS SHOWN.
2. BURY COUNTERPOISE 3' OUTSIDE BUILDING ENVELOPE.
3. LOCATE AIRCRAFT GROUNDING LUGS AT DIMENSIONS SHOWN. REFER TO SHEET A102 FOR AIRCRAFT LAYOUTS. LUGS TO BE LOCATED OFF CENTER FOR CONNECTIONS AIRCRAFT.

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T-HANGAR BUILDINGS 1 AND 2 GROUNDING PLAN
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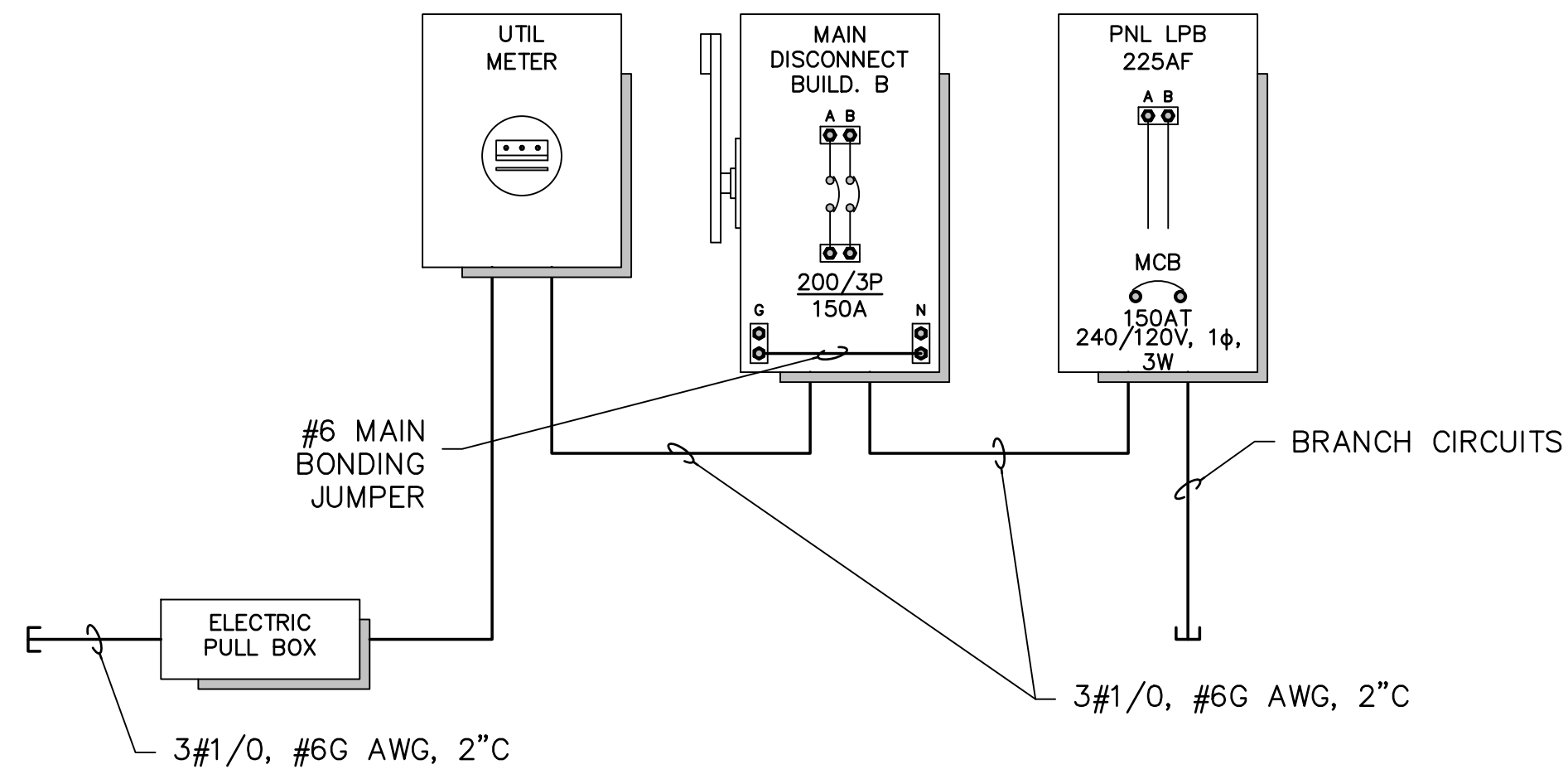
T-HANGAR DEVELOPMENT PREPARED FOR CALHOUN COUNTY AIRPORT

DESIGNED BY: J.R.C.
DRAWN BY: M.A.B.
CHECKED BY: J.R.C.
APPROVED BY: V.C.L.
PROJECT NO: 2022.241.01
DATE: AUGUST 2024

SHEET E401

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PANEL: **PANEL LPC** AIC RATING: **35,000**
 VOLTAGE: **120/240V** FRAME: **225A** FED FROM: **SERVICE DISCONNECT**
 MAIN TYPE: **150A MAIN CIRCUIT BREAKER** LOCATION: **EXT HANGAR WALL**
 PHASE: **1Φ** NEMA RATING: **TYPE 3R** BUS TYPE: **COPPER**
 # of WIRES: **3W** MOUNTING: **SURFACE** LUG TYPE: **BOLT-ON 75°C**

	(kVA)	(AMPS)		(kVA)	(AMPS)
TOTAL LOAD PHASE A:	8.54	71.14	ACTUAL CONNECT LOAD:	16.88	70.35
TOTAL LOAD PHASE B:	6.91	57.56	DEMAND LOAD:	17.42	72.58

LOAD DESCRIPTION	LOAD (kVA)		LOAD AMPS	BREAKER			BREAKER			LOAD AMPS	LOAD (kVA)		LOAD DESCRIPTION
	ΦB	ΦA		C/B TRIP	POLE	CKT #	POLE	C/B TRIP	ΦA		ΦB		
REC - HANGAR 1		0.54	4.50	20A	1	1	2	1	20A	1.05	0.13	LTG - HANGAR 1	
REC - HANGAR 3	0.54		4.50	20A	1	3	4	1	20A	1.40	0.17	LTG - HANGAR 3	
REC - HANGAR 5		0.54	4.50	20A	1	5	6	1	20A	1.05	0.13	LTG - HANGAR 5	
REC - HANGAR 7	0.54		4.50	20A	1	7	8	1	20A	1.05	0.13	LTG - HANGAR 7	
REC - HANGAR 9		0.54	4.50	20A	1	9	10	1	20A	1.05	0.13	LTG - HANGAR 9	
REC - HANGAR 2	0.54		4.50	20A	1	11	12	1	20A	1.05	0.13	LTG - HANGAR 2	
REC - HANGAR 4		0.54	4.50	20A	1	13	14	1	20A	1.05	0.13	LTG - HANGAR 4	
REC - HANGAR 6	0.54		4.50	20A	1	15	16	1	20A	1.05	0.13	LTG - HANGAR 6	
REC - HANGAR 8		0.54	4.50	20A	1	17	18	1	20A	1.40	0.17	LTG - HANGAR 8	
REC - HANGAR 10	0.54		4.50	20A	1	19	20	1	20A	1.05	0.13	LTG - HANGAR 10	
REC - HANGAR 12		0.54	4.50	20A	1	21	22	1	20A	2.21	0.27	LTG - EXTERIOR FLOOD LIGHT	
REC - HANGAR 14	1.75		0.00	20A	1	23	24	1	20A	2.21	0.27	LTG - EXTERIOR FLOOD LIGHT	
REC - TOILET, STORAGE		1.75	0.00	20A	1	25	26	1	20A	2.08	0.25	LTG - TOILET, STORAGE	
EF-1 EXHAUST FAN	0.02		0.17	20A	1	27	28	2	20A	12.50		SPARE	
SPARE		0.86	7.17	20A	1	29	30			1.50		SPARE	
SPARE	0.00		0.00	20A	1	31	32	1	20A	0.00		SPARE	
BLANK SPACE		0.00	0.00	20A	1	33	34	1	20A	0.00		BLANK SPACE	
BLANK SPACE	0.00		0.00	20A	1	35	36	1	20A	0.00		BLANK SPACE	
TOTALS	4.47	5.85								2.69	2.44	TOTAL	

PANEL SCHEDULE NOTES:
 1. CONTRACTOR SHALL VERIFY CB ARE SIZED AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS

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**ONE-LINE DIAGRAM
 AND PANEL
 SCHEDULES
 (SHEET 2 OF 2)**
 RELEASE FOR BID

**T-HANGAR
 DEVELOPMENT**
 PREPARED FOR
**CALHOUN COUNTY
 AIRPORT**

DESIGNED BY: J.R.C.
 DRAWN BY: M.A.B.
 CHECKED BY: J.R.C.
 APPROVED BY: V.C.L.
 PROJECT NO: 2022.241.01
 DATE: AUGUST 2024

**SHEET
 E502**

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