

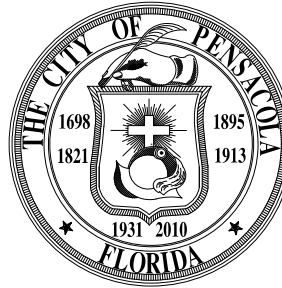
CITY OF PENSACOLA

D.C. REEVES

MAYOR

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DELARIAN WIGGINS

DISTRICT 5.
DISTRICT 6.
DISTRICT 7.

PENSACOLA INTERNATIONAL AIRPORT TIPPIN AVENUE PARKING LOT

REVISED - APRIL 2024

BID NO: 23-####

BID SET (NOT FOR CONSTRUCTION)
DEPARTMENT OF PUBLIC WORKS AND FACILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION

REVISION(S): --

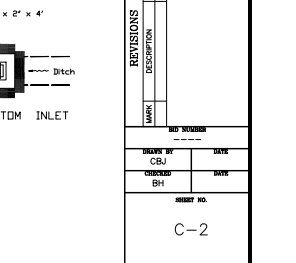
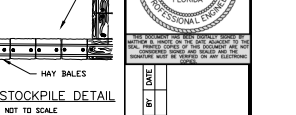
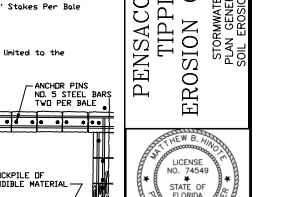
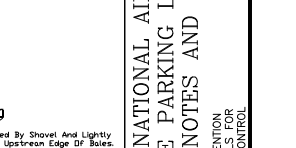
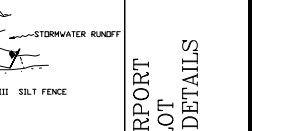
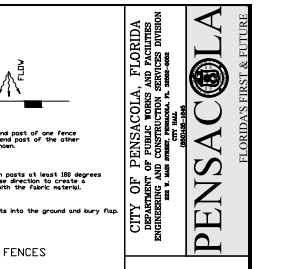
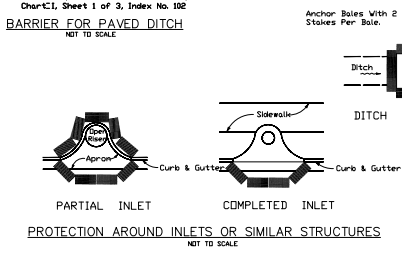
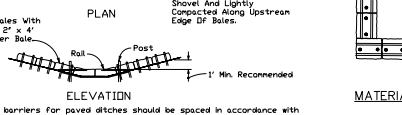
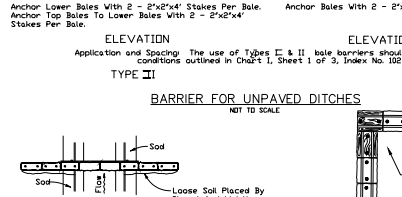
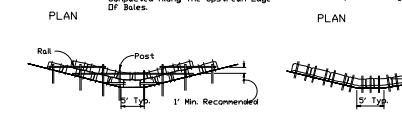
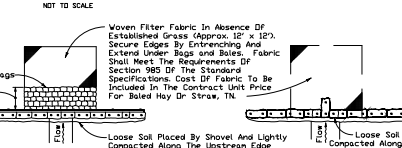
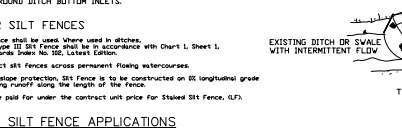
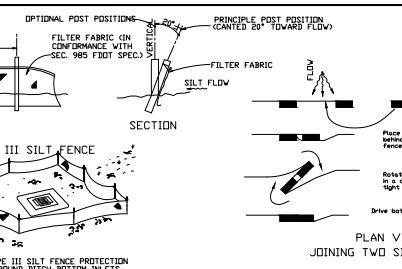
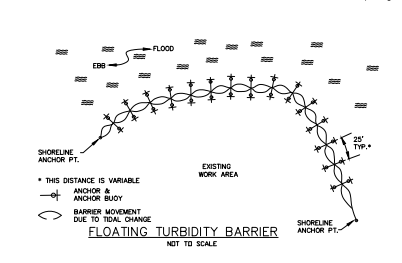
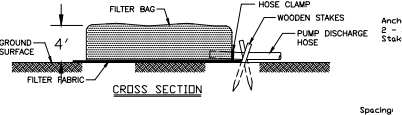
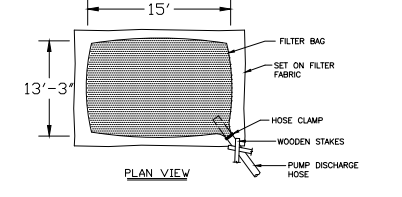
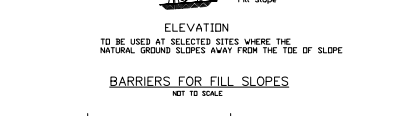
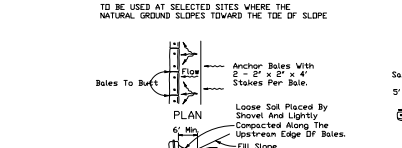
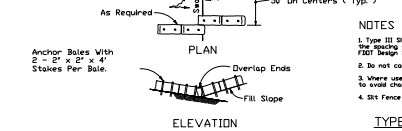
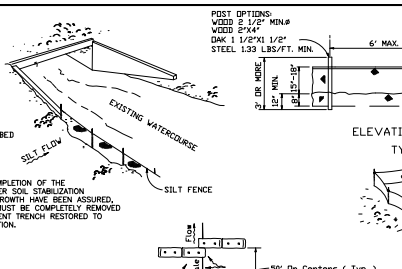
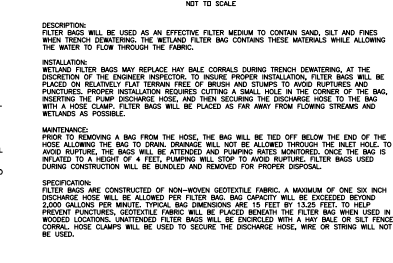
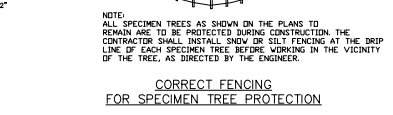
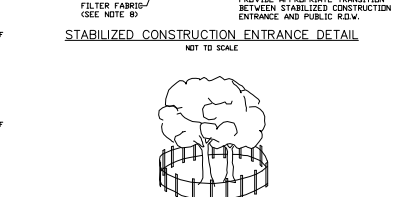
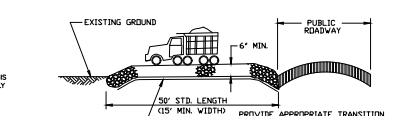
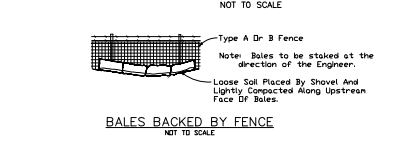
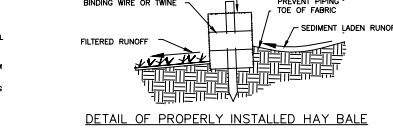
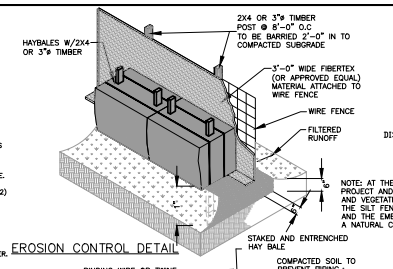
222 W. MAIN STREET
CITY HALL
PENSACOLA, FL. 32521-0052
(850)435-1645

BRAD HINGTE, P.E., CITY ENGINEER
NO. 74548

DATE APPROVED

STORMWATER POLLUTION PREVENTION PLAN GENERAL NOTES & DETAILS FOR SOIL EROSION AND SEDIMENT CONTROL:

- 1. ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE TO MAINTAIN UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- 2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL MAINTAIN VEGETATION TO MAINTAIN UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- 3. TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
- 4. PERMANENT VEGETATION TO BE SEEDS OR SOODED ON ALL EXPOSED AREAS WITH TEN (10) DAYS AFTER GRADING. MULCH TO BE APPLIED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
- 5. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FOOT STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, SECTIONS 104, 570, 575 AND 980 TO 986.
- 6. AN BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS IN AREAS WHERE NO UTILITIES ARE PRESENT. THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.
- 7. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EXHIBITS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OF A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL, ACCORDING TO STATE STANDARDS.
- 8. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).
- 9. A COVERED AMERICAN VEHICLE WHEEL-CLEANING BLANKET SHALL BE INSTALLED AT THE CONTRACTOR'S STAGING YARD AND/OR STOCKPILE AREAS TO PREVENT OFF-SITE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PUBLIC ROADS. BLANKETS SHALL BE 10'1" x 5'11" x 4" MINIMUM. COVERED AMERICAN 2 1/2" INCHES IN DIAMETER. SAE BLANKET SHALL BE UNDERLAY WITH A FOOT CLASS 3 SYNTHETIC FILTER FABRIC AND MAINTAINED IN GOOD ORDER.
- 10. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE COMPLETED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ACCURATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A MANNER THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL PROVIDE A SUITABLE ENVIRONMENT, NONDISRUPTIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
- 11. UNFILTERED DRAINAGE IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DRAINING OPERATIONS TO MINIMIZE SEDIMENT RUNOFF.
- 12. SHOULD THE CONTROL OF JUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.
- 13. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
- 15. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 3 (BALES).
- 16. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- 17. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.
- 18. ALL CATCH BASIN INLETS SHALL BE PROTECTED WITH HAY BALES AS SHOWN ON DETAIL.
- 19. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DEMARKING AND DOWNSTREAM SITUATION PROTECTION.
- 20. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, BRICKS, PROCESSING MATERIALS, SELECT FILL, DRAINAGE MATERIALS, ETC.) SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.
- 21. THE CONTRACTOR'S MEANS AND METHODS OF GROUNDWATER DEMONSTRATION SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS FOR THE TEMPORARY DIVERSION OF GROUNDWATER AND ITS REVERSE. INCLUDING FOOT CHAPTER 62-621 GENERAL PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY.
- 22. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING ALL DIRT/SEDIMENT/RUNOFF WATER REMAINS ON THE SITE AND OVERALL ADEQUATE COMPLIANCE. ANY FAILURE TO COMPLY WILL RESULT IN A \$500 PENALTY PER DAILY OCCURRENCE. CORRECTIVE MEASURES WITHIN WRITTEN NOTICE OF FAILURE AND FUNDS WILL BE DEDUCTED FROM FINAL PAYMENT FOR CONTRACT RETENTION.

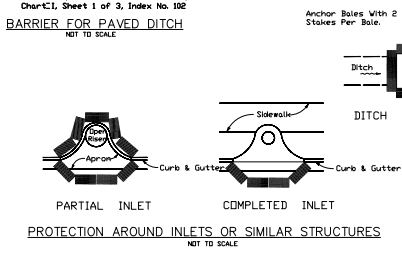
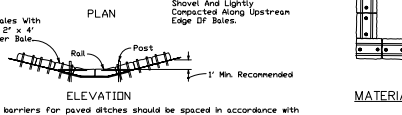
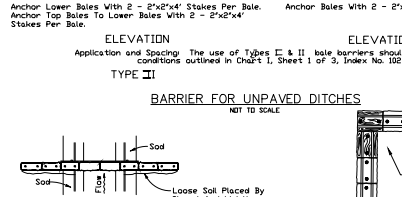
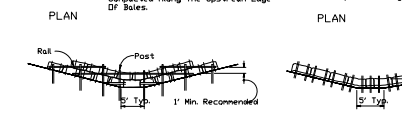
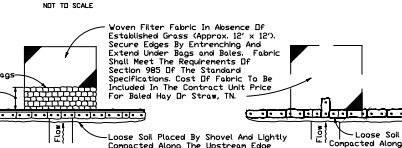


- SEED BED PREPARATION: SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 200 LBS/ACRE OF 16-16-16 OR EQUIVALENT, AND DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS/ACRE TO PROVIDE A SOIL PH OF 5.5 TO 6.5. LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4" ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.
- SEED MIXTURE: CONSISTING OF ANNUAL RYE (LOULUM MULTIFLORUM) AT A RATE OF 174 LBS/ACRE.
- PERMANENT SEEDING DETAILS: SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 200 LBS/ACRE OF 16-16-16 OR EQUIVALENT, AND DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS/ACRE TO PROVIDE A SOIL PH OF 5.5 TO 6.5. LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4" ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.
- SEED MIXTURE CONSISTING OF: ANNUAL RYE 95%, PERMANENT 5% (TOTAL).
- SEEDING: SOIL SHALL BE WELL ROOT WATTED CENTRIPEDE OR BAHIA GRASS COMMERCIALLY CUT TO A MINIMUM DIMENSION OF 1/2" x 2" x 4" MAXIMUM OF 72 HOURS PRIOR TO PLACEMENT. SOIL SHALL BE LIVE, FRESH AND UNLIMBED, REASONABLY FREE OF WEEDS AND OTHER GRASSES. WITH A HEAVY SOIL THAT ADHERING TO THE ROOT SYSTEM, SOIL SHALL BE GROWN, CUT, AND SUPPLIED BY A STATE CERTIFIED GROWER.
- TREES: CONSIDER STAGNATION: CONSTRUCTION TRAFFIC SHALL BE RESTRICTED TO SHORE ACCESS BY MEANS SO DESIGNATED BY THE ENGINEER, POLICE/SHERIFF DEPARTMENT, ESCAMBIA COUNTY HIGHWAY DEPARTMENT, AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- TRAFFIC DURING WET WEATHER SHALL BE MINIMIZED AND APPROPRIATE ROADWAY AND SITE CLEAN-UP SHALL BE PROVIDED BY THE CONTRACTOR AS SOON AS WEATHER CONDITIONS PERMIT.
- TREE PROTECTION: DAMAGED TREMS OR EXPOSED ROOTS WILL BE PARDED IMMEDIATELY WITH A QUALITY GRADE OF "TREE PAINT". TREE LIGN REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A QUALITY TREE PAINT.
- BUSHEL CONTROL: ALL AREAS OF CLEARING AND EXHIBITION AS WELL AS CONSTRUCTION HALL, ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.
- DISTURBED AREAS SHALL BE MAINTAINED IN A HEALTHY GROUND CONDITION AND TEMPORARILY SEEDED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERMANENT VEGETATION COVER.
- IN EVENT OF EMERGENCY CONDITIONS, TILLAGE WILL BE SATISFACTORY FREE BEFORE SOIL BLOWING STARTS.
- CALCIUM CHLORIDE MAY BE APPLIED TO UNPAVED ROADWAY AREAS, ONLY, SUBJECT TO THE ENGINEER'S APPROVAL AND CONFORMANCE WITH FOOT STANDARDS SPECIFICATIONS, SECTION 102-5, LATEST EDITION.
- PROPOSED SEQUENCE OF CONSTRUCTION: THE CONSTRUCTION SHOULD PROCEED IN THE FOLLOWING MANNER:
 - 1. INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCE.
 - 2. CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION TO BE PROPERLY PROTECTED AND TO REMAIN UNTIL THE TOPSOIL IS READY TO BE DISTURBED. IT IS TO BE STRIPPED TO A MINIMUM DEPTH OF SIX (6) INCHES AND STOCKPILED SEPARATELY FROM OTHER EXCAVATED SOILS.
 - 3. IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.
 - 4. INITIAL CONSTRUCTION.
 - 5. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMINDER OF SITE, REPAIR STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.
 - 6. REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

NOTES FOR SILT FENCES

- 1. Type III Silt Fence shall be used where used in ditches.
- 2. Do not construct silt fences across permanent flowing watercourses.
- 3. Silt fence used as slope protection, silt fence is to be constructed on the longitudinal grade to avoid channeling runoff along the length of the fence.
- 4. Silt fence to be paid for under the contract unit price for Staked Silt Fence, (L7).

TYPE III SILT FENCE APPLICATIONS

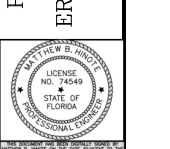


CITY OF PENSACOLA, FLORIDA
ENGINEERING AND CONSTRUCTION SERVICES DIVISION
1000 EAST BAY STREET, SUITE 1000
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FLORIDA'S FIRST & FUTURE

PENSACOLA INTERNATIONAL AIRPORT
TIPPIN AVENUE PARKING LOT
EROSION CONTROL NOTES AND DETAILS

STORMWATER POLLUTION PREVENTION
PLAN GENERAL NOTES & DETAILS FOR
SOIL EROSION AND SEDIMENT CONTROL



NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

STORM WATER POLLUTION PREVENTION PLAN

1.0 BACKGROUND & REQUIREMENTS:

1.1 Introduction:

The referenced support documentation for this Storm Water Pollution Prevention Plan (SWPPP) is the United States Environmental Protection Agency's (EPA) Storm Water Management for Construction Activities, Developing Pollution Prevention Plans and Best Management Practices Summary Guidance (EPA 833-R-92-001) and Storm Water Management for Construction Activities, Developing Pollution Prevention Plans and Best Management Practices (EPA 832-R-92-005). This SWPPP is designed to protect onsite and adjacent natural resources, including but not limited to, wetlands, marshes, bayous and bays, while preserving wildlife and archeological resources.

This project does not require the General Stormwater Permit specified by Rule 62-25.801, Florida Administrative Code (FAC) by the Florida Department of Environmental Protection (FDEP).

1.2 Notice of Intent (NOI):

Rule 62-621.300(4), FAC requires the construction operator of a site that disturbs one or more acres to obtain coverage from the Generic Permit for Stormwater Discharge from Construction Activities that Disturb Five or More Acres (CGP). The contractor is required to submit a Notice of Intent to Use Generic Permit for Stormwater Discharge from Construction Activities that Disturb One or More Acres (FDEP Form 62-621.300(4)(b)) along with the appropriate application fee to the following address 48 hours prior to commencing construction:

NPDES Stormwater Notices Center, MS # 2510
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

This form can be obtained from FDEP's website (www.dep.state.fl.us) or by contacting FDEP. Please note that the current application fee is \$150; however, this fee is subject to change without notice. Always refer to the most current version of Rule 62-4.050(4)(e), FAC to confirm the amount before submitting payment. If construction activity exceeds five years, the contractor must re-apply for coverage.

1.3 Stormwater Pollution Prevention Plan (SWPPP):

The contractor is required to certify this Stormwater Pollution Prevention Plan (SWPPP) below prior to submitting the NOI. This SWPPP is not required to be submitted with the NOI, but is required to be kept on site during all phases of construction. Because erosion and sediment controls and construction methods vary significantly from contractor to contractor, the contractor can propose alternative methods to this SWPPP that are equal or better at controlling erosion and sedimentation. At a minimum, the contractor must follow the erosion control plan specified in the construction plans and documents. Any modifications to this SWPPP must be documented and kept with the plan as part of the records keeping process to be in full compliance with the CGP.

1.4 Contractor's Certification:

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with construction activity from the construction site identified as part of this certification.

Print & Sign Name _____ Company & Address _____

Name & Title (Print) _____

Signature _____ Date _____

Responsibilities (General Contractor, Site Contractor, Subcontractor, Other): _____

1.5 Notice of Termination (NOT):

The contractor is required to submit a Notice of Termination of Generic Permit Coverage (FDEP Form 62-621.300(8)) upon construction completion to discontinue permit coverage. The NOT is to be submitted to the following address:

NPDES Stormwater Notices Center, MS # 2510
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

This form can be obtained from FDEP's website (www.dep.state.fl.us) or by contacting FDEP. The NOT can not be submitted until all disturbed soils at the construction site have been finally stabilized and temporary erosion and sediment control measures have been removed or will be removed at an appropriate time. Final stabilization means that all soil disturbing activities at the site have been completed and that a uniform perennial vegetative cover with a density of 70 percent of the cover for unpaved areas and areas not covered by permanent structures has been established, or equivalent stabilization measures have been employed. If construction activity exceeds five years, the contractor must re-apply for coverage.

1.6 Application Information:

Project Address: 2430 AIRPORT BLVD
PENSACOLA, FL 32503

Latitude: N 30° 28' 48.84"
Longitude: W 87° 11' 47.75"

Water Management District: Northwest Florida (NWFWMID)

MS4 Operator Name: PW # (850) 435-1755

Receiving Water Name: Bayou Texar

2.0 SITE DESCRIPTION:

2.1 Nature of Construction Activities:

This project involves site clearing of a 4.09acres site within the property limits of the Pensacola International Airport. Then, construction will include installation of 453 parking stalls which will all be routed to a new stormwater pond at the southwest corner of the property.

2.2 Sequence of Major Soil Disturbing Activities:

The following sequence of major activities shall be followed unless the contractor can propose an alternative that is equal to or better at controlling erosion and sedimentation. The detailed sequence for the entire project can vary significantly from contractor to contractor. The contractor is responsible for documenting any changes.

This project shall consist of the demolition and clearing of a 4.09acres site by the City of Pensacola or its contractor within Pensacola International Airport property. The construction should proceed in the following manner:

1. Installation of all sediment and erosion control devices that can be placed prior to any major soil disturbances.
2. Clear and remove all existing vegetation in those areas where necessary. All remaining vegetation shall be properly protected and to remain in its natural state.
3. Immediate installation of all remaining sediment and erosion control devices.
4. Remove of all impervious areas and buildings.
5. Upon completion of site clearing and demolition activities, provide restoration, fine grade remainder of site, and stabilize with thorough seed and mulch.
6. Restore sediment and erosion control devices to remain in place after project is completed.

2.3 Area Estimates:

TOTAL PROJECT AREA: 4.09 Ac.
PROPOSED IMPERVIOUS AREA: 3.67 Ac.

2.4 Runoff Data:

All impervious area will be routed to a newly constructed stormwater pond which will provide for both treatment and attenuation in accordance with City of Pensacola and NWFWMID's requirements.

Soils Data:

See Geotechnical Report

2.5 Site Map:

The construction plans are to be used as the site maps. The location of the required information is described below. The sheet numbers for all the items discussed below are identified on the Cover Sheet of the construction plans.

- **Drainage Patterns:** No change in the existing drainage pattern shall occur as a result of this project's construction.
- **Approximate Slopes:** Existing slopes range from 0-2%. No slope changes shall occur from construction. Final grades shall match existing grades.
- **Areas of Soil Disturbance:** A area of 4.09acres will be disturbed and subsequently stabilized as part of this project.
- **Areas not to be Disturbed:** Any areas not showing demolition work or permanent features are assumed not to be disturbed. It will be the contractor's responsibility to indicate on the plans any of these areas that do get disturbed as well as any areas used for staging and materials storage.
- **Locations of Controls:** See attached plan set

- **Areas to be Stabilized:** Permanent stabilization is shown on the plans. It will be the contractor's responsibility to indicate the location on the plans of all temporary stabilization practices used during construction.

- **Surface Waters:** N/A

- **Discharge Points:** No stormwater collection system or discharge points will be constructed by this project.

2.6 Receiving Waters:

Bayou Texar is the receiving waters of the stormwater runoff from this project.

3.0 CONTROLS:

3.1 Erosion and Sediment Controls:

All erosion and sediment controls specified on these plans (limits of soil erosion and sedimentation control measures) shall be installed prior to any construction or demolition. Silt fencing and staked hay bales shall be installed along down-gradient limits to protect existing drainage structures and/or drainage systems from erosion and sedimentation.

Temporary seeding and mulching shall be applied after 14-day intervals of ceased disturbance activities that will exceed 20-day periods. Graded areas shall be stabilized with permanent seeding, mulching, and fertilizing, or sodding within five days of final grading. All grassing shall be accomplished between April 1st and August 1st. Landscaping, including sodding, shall be installed by an experienced Landscape Contractor. Proposed disturbed areas will not exceed 10 acres in any drainage area. See Sheet 3 for additional information.

3.2 Stormwater Management:

No stormwater management facility will be required for this project. This project is exempt from stormwater treatment requirements of the Florida Department of Environmental Protection (FDEP), General Stormwater Permit specified by Rule 62-25.801, Florida Administrative Code (FAC) and any requirements by the local governmental authority.

3.3 Other Controls:

Waste Disposal: The contractor is responsible for all waste disposal from the site. The contractor shall employ waste disposal practices that meet all local, state, and federal guidelines and prevent discharge of solid materials to waters of the United States. The Contractor is responsible for documenting this portion of the SWPPP.

Offsite Vehicle Tracking: If off site tracking of sediments by construction vehicles occurs, the contractor is required to install a Soil Tracking Prevention Device (STPD) as per FDOT Standard Index 106 at all exits to the site where sediment tracking is occurring. The Contractor is also responsible for documenting this portion of the SWPPP.

4.0 MAINTENANCE:

Controls shall be kept in full operating condition throughout all phases of construction until all disturbed areas are completely stabilized. Maintenance, repair records and repair requests shall be documented. Repairs and deficiencies shall be completed as soon as possible and within seven days after inspection. Any required changes that are not covered in the SWPPP shall also be made as soon as possible within seven days and documented.

5.0 INSPECTIONS:

Qualified personnel shall inspect the following items, but not limited to, at least once every seven calendar days and within 24 hours of the end of a storm that is 0.25 inches or greater. Where sites have been finally stabilized, inspections shall be conducted at least once every month.

- Points of discharge to waters of the United States.
- Points of discharge to municipal separate storm sewer systems.
- Disturbed areas of the site that have not been finally stabilized.
- Areas used for storage of materials that are exposed to precipitation.
- Structural controls.
- Stormwater management systems.
- Locations where vehicles enter or exit the site.

6.0 NON-STORMWATER DISCHARGES:

The Contractor shall be responsible for reporting any hazardous substance spills that may equal or exceed a Reportable Quantity (RQ). Refer to EPA's List of Hazardous Substances and Reportable Quantities (EPA 40 CFR 302.4 & 117). This list can be obtained from EPA's website (www.epa.gov) or by contacting EPA. If an RQ release does occur the Contractor shall perform the following procedures:

- Notify the National Response Center immediately at 800-424-8802.
- Provide written description of the release within 14 days providing dates, cause and prevention methods to the regional EPA office.
- Modify the SWPPP as necessary to address added prevention methods.

7.0 IMPLEMENTATION CHECKLIST:

7.1 Records:

The Contractor shall maintain records of construction activities including, but not limited to:

- Dates when major grading activities occur.
- Dates when construction activities temporarily cease on a portion of the site.
- Dates when construction activities permanently cease on a portion of the site.
- Dates when stabilization measures are initiated on the site.

7.2 Inspection Reports:

The Contractor shall prepare inspection reports summarizing the following, but not limited to:

- Name of inspector.
- Qualifications of inspector.
- Measures/areas inspected.
- Observed conditions.
- Changes necessary to the SWPPP.

7.3 Releases of Reportable Quantities of Oil or Hazardous Materials:

The Contractor shall report any releases of reportable quantities of oil or hazardous materials if they occur as per the measures outlined in Section 6.0 of the SWPPP.

7.4 SWPPP Modification:

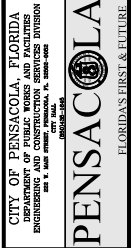
The Contractor shall modify the SWPPP as necessary to:

- Comply with minimum permit requirements when notified by FDEP that the plan does not comply.
- Address any changes in design, construction operations or maintenance, which has an effect on the potential for discharge of pollutants.
- Prevent recurrence of reportable quantity releases of hazardous material or oil.

8.0 TERMINATION CHECKLIST:

The following items shall be complete before submitting the NOT:

- All soil disturbing activities are complete.
- Temporary erosion and sediment control measures have been removed or will be removed at an appropriate time.
- All areas of the construction site not otherwise covered by permanent pavement or structure have been stabilized with uniform perennial vegetative cover with a density of 70% or equivalent measures have been employed.



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 ENGINEERING AND CONSTRUCTION SERVICES DIVISION
 1000 GULF BLDG. 1ST FLOOR
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 PHONE: 904-438-2386
 FAX: 904-438-2387
 WWW.PENSACOLAFLORIDA.GOV
 PENSACOLA INTERNATIONAL AIRPORT
 TIPPIN AVENUE PARKING LOT
 SWPP PLAN



REV. NUMBER	
23-021	
DESIGN BY	DATE
CBJ	4-23
CHECKED BY	DATE
BH	4-23

SHEET NO.

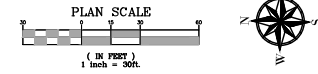
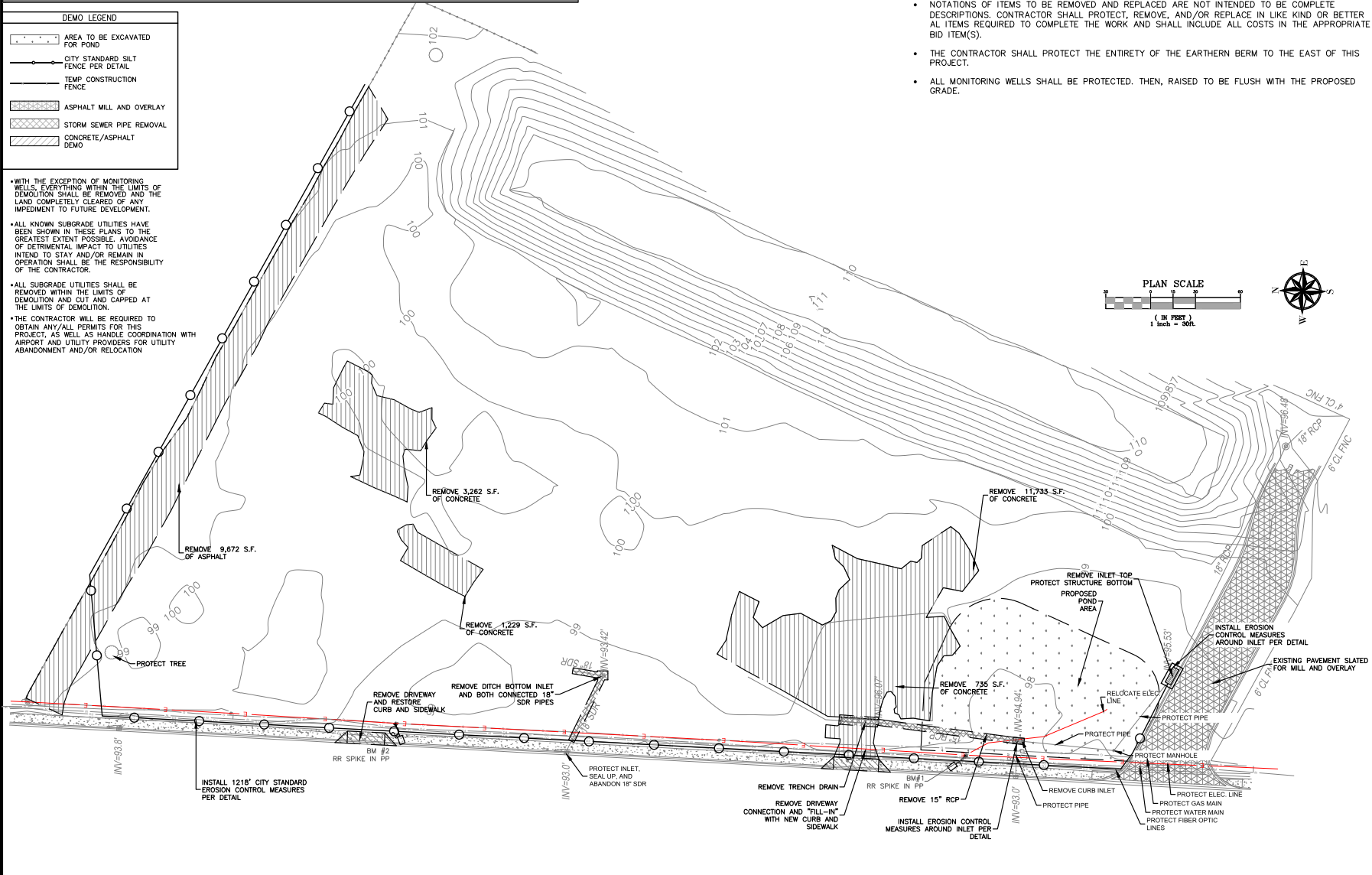
BENCH MARKS

BM#1, R/R SPIKE P.P. EL=97.76' NORTHING:548213.34, EASTING:1119006.75
 BM#2, R/R SPIKE P.P. EL=99.56' NORTHING:548594.54, EASTING:1119028.17

DEMO LEGEND

- AREA TO BE EXCAVATED FOR POND
- CITY STANDARD SILT FENCE PER DETAIL
- TEMP CONSTRUCTION FENCE
- ASPHALT MILL AND OVERLAY
- STORM SEWER PIPE REMOVAL
- CONCRETE/ASPHALT DEMO

- WITH THE EXCEPTION OF MONITORING WELLS, EVERYTHING WITHIN THE LIMITS OF DEMOLITION SHALL BE REMOVED AND THE LAND COMPLETELY CLEARED OF ANY IMPEDIMENT TO FUTURE DEVELOPMENT.
- ALL KNOWN SUBGRADE UTILITIES HAVE BEEN SHOWN IN THESE PLANS TO THE GREATEST EXTENT POSSIBLE. AVOIDANCE OF DETRIMENTAL IMPACT TO UTILITIES INTEND TO STAY AND/OR REMAIN IN OPERATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL SUBGRADE UTILITIES SHALL BE REMOVED WITHIN THE LIMITS OF DEMOLITION AND CUT AND CAPPED AT THE LIMITS OF DEMOLITION.
- THE CONTRACTOR WILL BE REQUIRED TO OBTAIN ANY/ALL PERMITS FOR THIS PROJECT, AS WELL AS HANDLE COORDINATION WITH AIRPORT AND UTILITY PROVIDERS FOR UTILITY ABANDONMENT AND/OR RELOCATION



- THE EROSION CONTROL MEASURES DEPICTED IN THESE PLANS ARE THE MINIMUM ALLOWABLE. IT IS ANTICIPATED THAT ADDITIONAL MEASURES WILL BE REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE JOB SITE. EROSION CONTROL MEASURES SHOWN ARE INTENDED TO REMAIN IN PLACE THROUGHOUT THE CONSTRUCTION PROCESS.
- NOTATIONS OF ITEMS TO BE REMOVED AND REPLACED ARE NOT INTENDED TO BE COMPLETE DESCRIPTIONS. CONTRACTOR SHALL PROTECT, REMOVE, AND/OR REPLACE IN LIKE KIND OR BETTER AL ITEMS REQUIRED TO COMPLETE THE WORK AND SHALL INCLUDE ALL COSTS IN THE APPROPRIATE BID ITEM(S).
- THE CONTRACTOR SHALL PROTECT THE ENTIRETY OF THE EARTHEN BERM TO THE EAST OF THIS PROJECT.
- ALL MONITORING WELLS SHALL BE PROTECTED, THEN, RAISED TO BE FLUSH WITH THE PROPOSED GRADE.

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 904.438.3800

PENSACOLA
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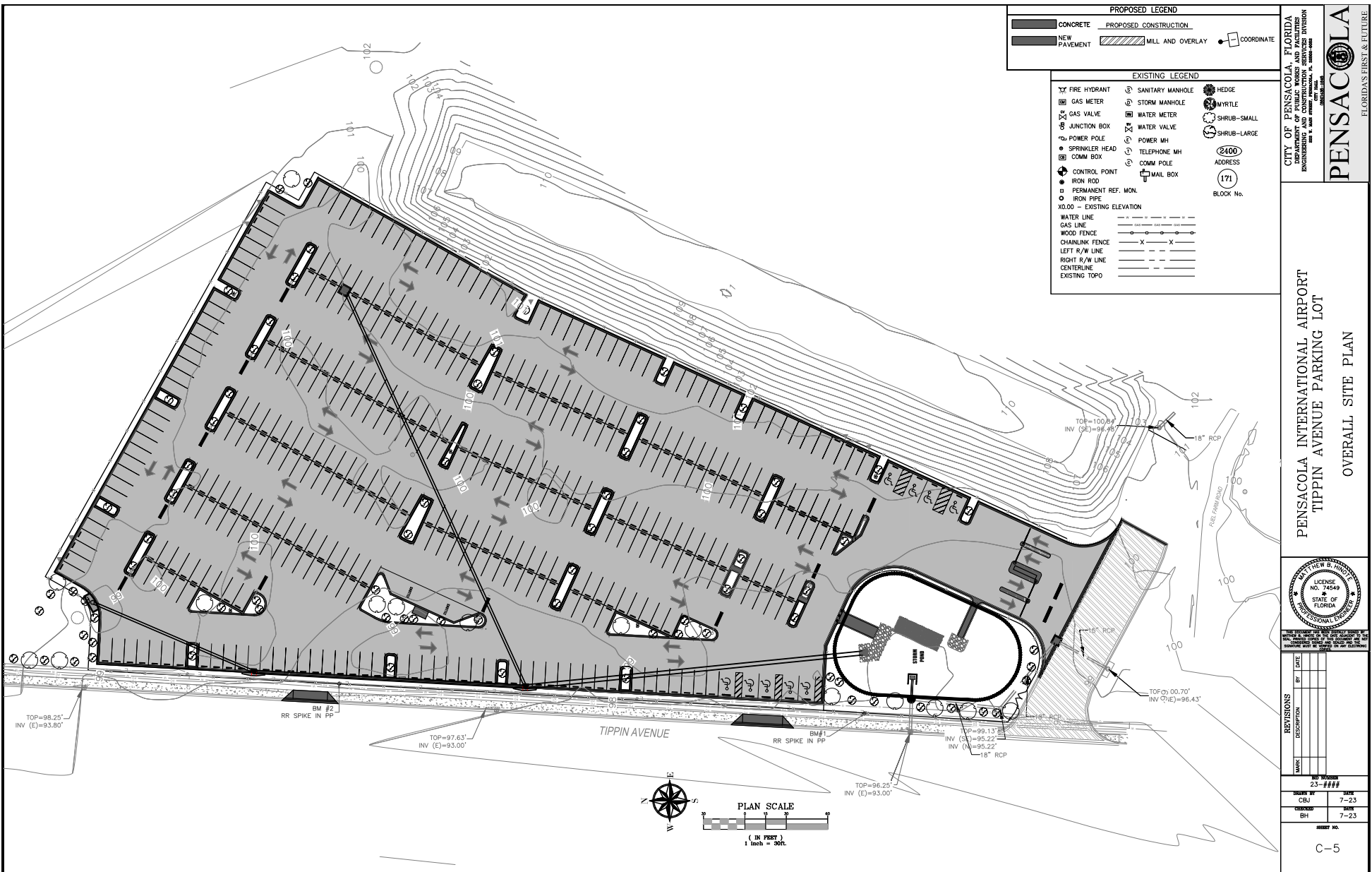
PENSACOLA INTERNATIONAL AIRPORT
 TIPPIN AVENUE PARKING LOT
 EXISTING CONDITIONS, DEMOLITION
 EROSION CONTROL, AND TREE PROTECTION



REVISIONS		REVISED BY		DATE	
NO.	DESCRIPTION	BY	DATE	NO.	DATE

DRAWN BY	DATE
CBJ	7-23
CHECKED BY	DATE
BH	7-23

PROJECT NO. 23-###



PROPOSED LEGEND

CONCRETE
 PROPOSED CONSTRUCTION
 NEW PAVEMENT
 MILL AND OVERLAY
• COORDINATE

EXISTING LEGEND

• FIRE HYDRANT
• GAS METER
• GAS VALVE
• JUNCTION BOX
• POWER POLE
• SPRINKLER HEAD
• COMM BOX
• CONTROL POINT
• IRON ROD
• PERMANENT REF. MON.
• IRON PIPE
X0.00 - EXISTING ELEVATION
 WATER LINE
 GAS LINE
 WOOD FENCE
 CHAINLINK FENCE
 LEFT R/W LINE
 RIGHT R/W LINE
 CENTERLINE
 EXISTING TOPO

• HEDGE
• MYRTLE
• SHRUB-SMALL
• SHRUB-LARGE
• TELEPHONE MH
• COMM POLE
• MAIL BOX

• ADDRESS
• ADDRESS
• BLOCK No.

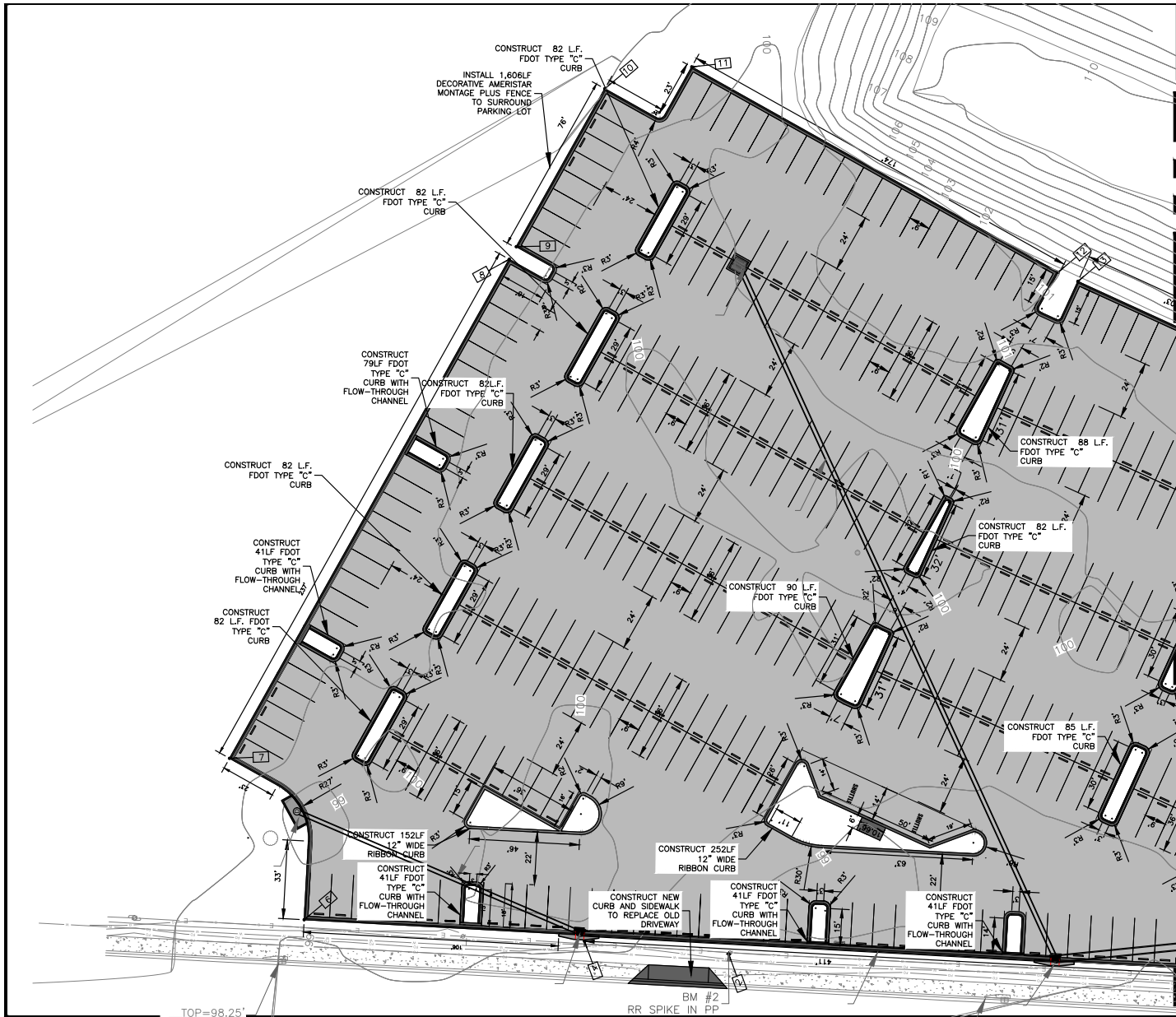
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 ENGINEERING AND CONSTRUCTION SERVICES DIVISION
 1000 W. BEACH STREET, SUITE 1000
 PENSACOLA, FLORIDA 32506-3846

PENSACOLA
FLORIDA'S FIRST & FUTURE

PENSACOLA INTERNATIONAL AIRPORT
TIPPIN AVENUE PARKING LOT
OVERALL SITE PLAN

REVISIONS		DATE
MARK	DESCRIPTION	

DRAWN BY CBU	DATE 7-23
CHECKED BY BH	DATE 7-23
SHEET NO. C-5	



MATCH LINE SEE SHEET C-7

PROPOSED LEGEND

- CONCRETE
- NEW PAVEMENT
- PROPOSED CONSTRUCTION
- MILL AND OVERLAY
- COORDINATE

EXISTING LEGEND

- FIRE HYDRANT
- GAS METER
- GAS VALVE
- JUNCTION BOX
- POWER POLE
- SPRINKLER HEAD
- COMM BOX
- CONTROL POINT
- IRON ROD
- PERMANENT REF. MON.
- IRON PIPE
- X0.00 - EXISTING ELEVATION
- WATER LINE
- GAS LINE
- WOOD FENCE
- CHAINLINK FENCE
- LEFT R/W LINE
- RIGHT R/W LINE
- CENTERLINE
- EXISTING TOPO
- SANITARY MANHOLE
- STORM MANHOLE
- WATER METER
- WATER VALVE
- POWER MH
- TELEPHONE MH
- COMM POLE
- MAIL BOX
- HEDGE
- MYRTLE
- SHRUB-SMALL
- SHRUB-LARGE
- ADDRESS (2400)
- 171
- BLOCK No.

COORDINATE TABLE

Point #	Northing	Easting	DESCRIPTION
1	548213.34	1119006.75	BM #1
2	548594.54	1119028.17	BM #2
3	548243.21	1119013.47	EDGE OF CURB
4	548654.24	1119033.41	EDGE OF CURB
6	548770.41	1119042.36	EDGE OF CURB
7	548801.30	1119109.24	EDGE OF CURB
8	548685.45	1119316.00	EDGE OF CURB
9	548682.52	1119321.23	EDGE OF CURB
10	548645.86	1119386.66	EDGE OF CURB
11	548609.84	1119395.71	EDGE OF CURB
12	548458.04	1119310.66	EDGE OF CURB
13	548449.93	1119306.81	EDGE OF CURB
14	548357.16	1119264.39	EDGE OF CURB
15	548351.71	1119261.90	EDGE OF CURB
16	548299.87	1119238.20	EDGE OF CURB
17	548294.41	1119235.70	EDGE OF CURB
18	548201.65	1119193.29	EDGE OF CURB
19	548196.65	1119191.00	EDGE OF CURB
20	548136.17	1119163.35	EDGE OF CURB



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 FLORIDA'S FIRST & FUTURE

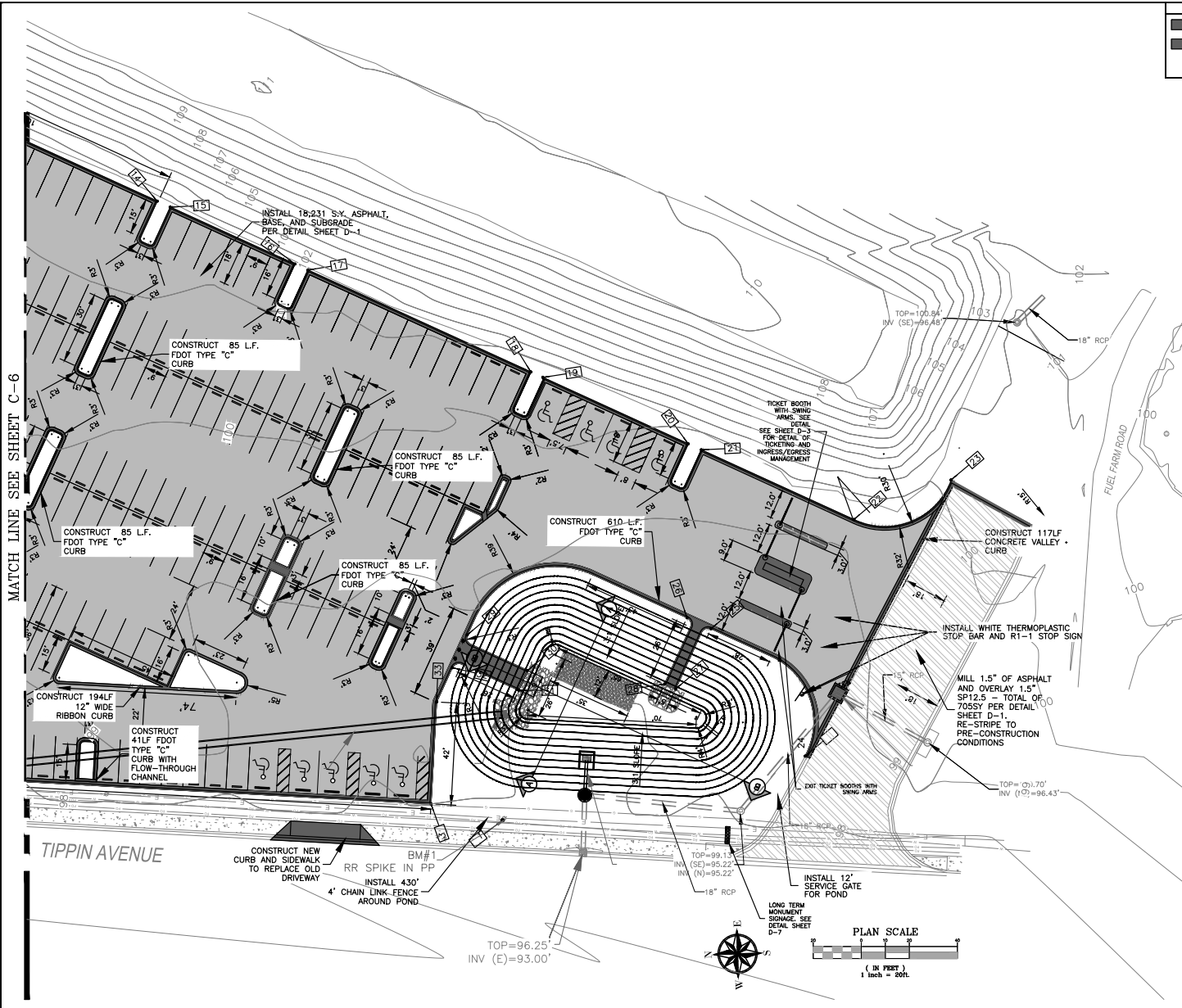
PENSACOLA INTERNATIONAL AIRPORT
TIPPIN AVENUE PARKING LOT
LAYOUT AND DIMENSIONING PLAN

DATE: 7-23
 DRAWN BY: CBJ
 CHECKED BY: BH
 SHEET NO.: 23-###

REVISIONS

MARK	DESCRIPTION	DATE

PROJECT NO.: C-6



PROPOSED LEGEND

CONCRETE
NEW PAVEMENT
PROPOSED CONSTRUCTION
MILL AND OVERLAY
COORDINATE

EXISTING LEGEND

FIRE HYDRANT
GAS METER
GAS VALVE
JUNCTION BOX
POWER POLE
SPRINKLER HEAD
COMM BOX
CONTROL POINT
IRON ROD
PERMANENT REF. MON.
IRON PIPE
X0.00 - EXISTING ELEVATION

WATER LINE
GAS LINE
WOOD FENCE
CHAINLINK FENCE
LEFT R/W LINE
RIGHT R/W LINE
CENTERLINE
EXISTING TOPO

SANITARY MANHOLE
STORM MANHOLE
WATER METER
WATER VALVE
POWER MH
TELEPHONE MH
COMM MH
MAIL BOX

HEDGE
MYRTLE
SHRUB-SMALL
SHRUB-LARGE

2400 ADDRESS
171 ADDRESS
BLOCK No.

COORDINATE TABLE

Point #	Northing	Easting	DESCRIPTION
21	548130.71	1119160.85	EDGE OF CURB
22	548067.26	1119131.84	EDGE OF CURB
23	548026.81	1119148.30	EDGE OF CURB
24	548087.46	1119033.35	EDGE OF CURB
25	548126.65	1119086.41	EDGE OF CURB
26	548136.65	1119090.99	EDGE OF CURB
27	548141.43	1119061.29	EDGE OF CURB
28	548145.98	1119063.37	EDGE OF CURB
29	548228.13	1119083.80	EDGE OF CURB
30	548203.00	1119069.01	EDGE OF CURB
31	548206.74	1119060.82	EDGE OF CURB
32	548234.37	1119070.15	EDGE OF CURB
33	548240.89	1119055.89	EDGE OF CURB
34	547993.69	1119164.75	CENTER OF CUL-DE-SAC
35	547990.67	1119128.72	EDGE OF CURB
36	547993.69	1119164.75	EDGE OF NEW PAVEMENT

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FLORIDA'S FIRST & FUTURE

PENSACOLA INTERNATIONAL AIRPORT
TIPPIN AVENUE PARKING LOT
LAYOUT AND DIMENSIONING PLAN



REVISIONS

MARK	DESCRIPTION	BY	DATE

REV. NUMBER: 23-###

DESIGNED BY	DATE
CSJ	7-23
CHECKED BY	DATE
BH	7-23

SHEET NO.



PROPOSED LEGEND

	CONCRETE		PROPOSED CONSTRUCTION
	NEW PAVEMENT		MILL AND OVERLAY
	COORDINATE		

BENCH MARKS
 BM#1, R/R SPIKE P.P. EL=97.76' NORTHING:548213.34, EASTING:1119006.75
 BM#2, R/R SPIKE P.P. EL=99.56' NORTHING:548594.54, EASTING:1119028.17

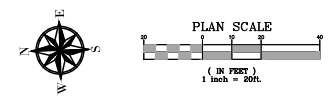
NOTE: ALL FINAL GRADES SHALL RESULT IN WATER BEING ROUTED TO AN INLET OR THE POND AND PREVENT STANDING WATER
 ALL PROPOSED STRUCTURES TO BE UNDER LAID WITH #57 STONE AND FILTER FABRIC
 SEE SHEET D-2 FOR POND CROSS SECTIONS

Pipe Table

NUMBER	Size (IN)	PIPE TYPE	Length (LF)	Slope (%)
P-1	18"	RCP	128'	0.49%
P-2	14"x23"	ERCP	197'	0.48%
P-3	18"	RCP	217'	0.50%
P-4	19"x30"	ERCP	247'	0.49%
P-5	12"	PVC	15.6'	0.64%

Structure Table

NUMBER	INVERT	NORTHING & EASTING	DESCRIPTION
S-1	RIM=98.60' THROAT=98.10' INV (S)=94.68'	548773.3872 1119087.2324	CITY TYPE A-1 CURB INLET
S-2	RIM=98.50' INV(W)=95.30'	548590.4239 1119313.5786	6'x4' DITCH BOTTOM INLET
S-3	RIM=97.90' THROAT=97.40' INV (N)=94.65' INV (S)=94.65'	548656.1265 1119036.8907	FDOT TYPE 6 CURB INLET
S-4	RIM=97.50' THROAT=97.00' INV (N)=93.70' INV (E)=93.70' INV (S)=93.70'	548459.1161 1119026.0670	FDOT TYPE 6 CURB INLET
S-5	INV(OUT)=92.50'	548213.5968 1119050.6675	24" MES
S-6	RIM=97.25' ORIFICE=93.75' INV(OUT)=93.75'	548178.3586 1119032.6680	TYPE C DITCH BOTTOM INLET W/ SKIMMER
S-7	RIM=98.25' INV (E)=93.65' INV (S)=94.98' INV (W)=93.65'	548179.2110 1119017.1150	4'DIA MANHOLE TO REPLACE EXISTING CURB INLET
S-8	RIM=98.73' INV=95.54'	548073.7588 1119059.5255	FDOT TYPE J DITCH BOTTOM INLET TOP PROTECT STRUCTURE BOTTOM



MATCH LINE SEE SHEET C-9

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 ENGINEERING AND CONSTRUCTION SERVICES DIVISION
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 FLORIDA'S FIRST & FUTURE

PENSACOLA INTERNATIONAL AIRPORT
 TIPPIN AVENUE PARKING LOT
 GRADING AND DRAINAGE PLAN



REVISIONS

MARK	DESCRIPTION	BY	DATE

DATE PLOTTED: 7-23-23
 DRAWN BY: CBJ DATE: 7-23-23
 CHECKED BY: BHI DATE: 7-23-23
 SHEET NO.: C-8



PROPOSED LEGEND

	CONCRETE		PROPOSED CONSTRUCTION
	NEW PAVEMENT		MILL AND OVERLAY
	COORDINATE		

BENCH MARKS
 BM#1, R/R SPIKE P.P. EL=97.76' NORTHING:548213.34, EASTING:1119006.75
 BM#2, R/R SPIKE P.P. EL=99.56' NORTHING:548594.54, EASTING:1119028.17

Pipe Table

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P-1	18"	RCP	128'	0.49%
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P-4	19"x30"	ERCPC	247'	0.49%
P-5	12"	PVC	15.6'	0.64%

NOTE: ALL FINAL GRADES SHALL RESULT IN WATER BEING ROUTED TO AN INLET OR THE POND AND PREVENT STANDING WATER
 ALL PROPOSED STRUCTURES TO BE UNDER LAID WITH #57 STONE AND FILTER FABRIC
 SEE SHEET D-2 FOR POND CROSS SECTIONS

Structure Table

NUMBER	INVERT	NORTHING & EASTING	DESCRIPTION
S-1	RIM=98.60' THROAT=98.10' INV (S)=94.68'	548773.3872 1119087.2324	CITY TYPE A-1 CURB INLET
S-2	RIM=98.50' INV(W)=95.30'	548590.4239 1119313.5786	6'x4' DITCH BOTTOM INLET
S-3	RIM=97.90' THROAT=97.40' INV (N)=94.65' INV (S)=94.65'	548656.1265 1119036.8907	FDOT TYPE 6 CURB INLET
S-4	RIM=97.50' THROAT=97.00' INV (N)=93.70' INV (E)=93.70' INV (S)=93.70'	548459.1161 1119026.0670	FDOT TYPE 6 CURB INLET
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S-7	RIM=98.25' INV (E)=93.65' INV (S)=94.98' INV (W)=93.65'	548179.2110 1119017.1150	4'DIA MANHOLE TO REPLACE EXISTING CURB INLET
S-8	RIM=98.73' INV=95.54'	548073.7588 1119059.5255	FDOT TYPE J DITCH BOTTOM INLET TOP PROTECT STRUCTURE BOTTOM

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 FLORIDA'S FIRST & FUTURE

PENSACOLA INTERNATIONAL AIRPORT
 TIPPIN AVENUE PARKING LOT
 GRADING AND DRAINAGE PLAN



REVISIONS

MARK	DESCRIPTION	BY	DATE

SHEET NO. 23-###
 DRAWN BY: CBJ DATE: 7-23
 CHECKED BY: DATE: 7-23
 SHEET NO. C-9



MATCH LINE SEE SHEET C-11

PROPOSED LEGEND	
	CONCRETE
	PROPOSED CONSTRUCTION
	NEW PAVEMENT
	MILL AND OVERLAY
	COORDINATE

LEGEND	
•	ALL SIGN POSTS SHALL MATCH PENSACOLA INTERNATIONAL AIRPORT STANDARD SIGN POSTS
•	BLUE LIGHT EMERGENCY STATION
•	ELECTRIC VEHICLE CHARGING STATION AND SIGNAGE PER DETAIL SHEET D-4

• ALL PROPOSED STRIPING IS TO BE 6" WIDE WHITE THERMOPLASTIC

• SEE SHEET C-12 FOR ALL NOTES PERTAINING TO ELECTRICAL, LIGHTING, IRRIGATION, AND LANDSCAPING

DESIGN BUILD LUMP SUM ITEMS:

- IRRIGATION TO SUPPLY THIS PROJECT AS WELL AS RENTAL CAR FACILITY
- SITE LIGHTING AND ELECTRICAL DESIGN NECESSARY TO PROVIDE ILLUMINATION OF ENTIRE PARKING LOT (SEE REQUIRED NOTES AND LED LIGHT POLE ON SHEET D-2)
- INSTALLATION AND POWER SUPPLY TO FIVE BLUE EMERGENCY CALL BOXES (SEE DETAIL SHEET D-2)
- ELECTRICAL DESIGN AND INSTALLATION OF ELECTRICAL CONDUIT AND WIRE TO PROVIDE POWER TO SEVEN ELECTRIC VEHICLE CHARGING STATIONS FOR DUAL VEHICLE USAGE.
- BID PRICE FOR NEW ELECTRICAL VEHICLE CHARGING STATION, PEDESTAL, SIGNAGE, STALL PAINT AND STRIPING, POWER SUPPLY, AND ANY OTHER APPURTENANCES NECESSARY TO PROVIDE ELECTRIC VEHICLE CHARGING CAPABILITIES TO 12 STANDARD PARKING STALLS.
- PEDESTAL, CHARGING STATIONS, AND SIGNAGE SHALL BE PER DETAIL DEPICTED ON SHEET D-4.
- STALL PAINT AND STRIPING SHALL MATCH WHAT EXISTS AT ECONOMY LOT 3.
- ELECTRICAL DESIGN AND INSTALLATION OF POWER TO ONE BUS SHELTER
- PURCHASE, INSTALL, AND SUPPLY POWER TO MONUMENT SIGNAGE AT ENTRANCE TO PARKING LOT
- ADDITIVE ALTERNATE ITEM: INSTALLATION OF CONDUIT AND 12-STRAND FIBER FROM NEW GATE ARM/TICKET MACHINE AT NEW TIPPIN AVE LOT 2 AND THEN PULL NEW 12-STRAND FIBER THROUGH EXISTING CONDUIT BACK TO 2ND FLOOR OF PARKING GARAGE.

ALL IRRIGATION HEADS, VALVES, CONTROLS, ETC. SHALL BE RELOCATED TO BE OUTSIDE ANY ASPHALT/CONCRETE AREAS.

TREES AND SHRUBS SHOWN DEPICT THE MINIMUM EXPECTED NUMBER OF EACH TO BE PLANTED.

WHEEL STOPS SHALL BE INSTALLED ONLY AT LOCATION DEPICTED IN PLAN VIEW

- NOTES:**
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY/ALL PERMITS NECESSARY FOR COMPLETION OF THE DESIGN BUILD PORTIONS OF THIS PROJECT.
 - ALL DISTURBED AREAS SHALL BE STABILIZED WITH CENTIPEDE SOD AT A MINIMUM
 - ALL PROPOSED STRIPING IS TO BE 6" WIDE WHITE THERMO (UNLESS OTHERWISE DEPICTED)
 - SEE SHEET C-12 FOR NOTES PERTAINING TO ELECTRICAL, LIGHTING, IRRIGATION, AND LANDSCAPING.
 - FOR INSTALLATION OF 5 EMERGENCY CALL BOXES, COORDINATE WITH DOUG STROEBEL OF SECURITY ENGINEERING, INC.:
 Doug Strobel
 Security Engineering, Inc.
 6708 Plantation Rd.
 Pensacola, FL 32504
 850-484-9300
 850-375-4091 (cell)
 doug.strobel@seceng.com

PLANT SCHEDULE					
TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	REMARKS
	CC	15	CALLISTEMON CITRINUS	LEMON BOTLEBRUSH	15 gal @ 5' O.C. 42" H
	LM	78	LAGERSTROEMIA X MUSKOGEE	LAVENDER CRAPE MYRTLE MULTI-TRUNK	30 gal 8'-10" MINIMUM 3 TRUNKS, FULL HEAD

CITY OF PENSACOLA, FLORIDA
 ENGINEERING AND CONSTRUCTION SERVICES DIVISION
 600 N. GULF BEACH BLVD., SUITE 4000
 PENSACOLA, FL 32502-3848
 850.424.2344

PENSACOLA
 FLORIDA'S FIRST & FUTURE

**PENSACOLA INTERNATIONAL AIRPORT
 TIPPIN AVENUE PARKING LOT
 LANDSCAPING, STRIPING & SIGNAGE PLAN**

STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 LICENSE NO. 74549
 DOUG STROBEL

REVISIONS	DATE	DESCRIPTION

DATE	BY	DATE	BY

PROJECT NO. C-10

ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL AND LIGHTING ITEMS ON THIS PROJECT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO HANDLE THROUGH A DESIGN-BUILD PROCESS. THIS DESIGN-BUILD PROCESS WILL RESULT IN THE CONTRACTOR SUBMITTING THE ELECTRICAL AND LIGHTING DESIGN PLANS TO CITY OF PENSACOLA FOR REVIEW AND APPROVAL PRIOR TO ORDERING ANY MATERIALS.
2. THE PROJECT ELECTRICAL AND LIGHTING DESIGN SHALL PROVIDE FOR COMPLETE LIGHTING COVERAGE OF ALL NEW IMPROVEMENTS WITHIN THIS PROJECT.
3. ALL MATERIALS AS WELL AS PART OF THE NEW IMPROVEMENTS SHALL MATCH THAT OF THE EXISTING ELECTRICAL AND LIGHTING SYSTEM. THIS INCLUDES THE INSTALLATION OF TWO NEW EMERGENCY CALL BOXES.
4. THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING A PERMIT FOR THIS WORK FROM THE CITY OF PENSACOLA INSPECTIONS DEPARTMENT.
5. CONTRACTOR WILL BE PROVIDED ORIGINAL PARKING LOT PLANS TO ENSURE NEW DESIGN MATCHES THAT OF ORIGINAL.
6. THIS WORK IS SUBJECT TO THE GENERAL CONDITIONS AND THE GENERAL REQUIREMENTS BOUND THEREIN. THE FOLLOWING NOTES AND REQUIREMENTS (LATEST VERSION) SHALL GOVERN THE EXTENT AND INSTALLATION OF THE ELECTRICAL WORK UNLESS MORE STRINGENT REQUIREMENTS ARE SHOWN ON THE DRAWINGS OR SPECIFIED HEREIN.
7. CURRENT N.E.C. & I.F.C. 2010 NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS, NATIONAL ELECTRICAL LABORATORIES, INC. (UL) NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION (NEMA) APPLICABLE LOCAL CODES AND ALL MATERIALS SHALL BE OF EQUAL OR BETTER QUALITY THAN THAT SPECIFIED. PROVIDE ONLY UL LABELED PRODUCTS (WHERE APPLICABLE) OF TYPES INDICATED. ALL MATERIALS SHALL BE OF EQUAL OR BETTER QUALITY THAN THAT SPECIFIED. PROVIDE ONLY UL LABELED PRODUCTS (WHERE APPLICABLE) OF TYPES INDICATED. ALL MATERIALS SHALL BE OF EQUAL OR BETTER QUALITY THAN THAT SPECIFIED. PROVIDE ONLY UL LABELED PRODUCTS (WHERE APPLICABLE) OF TYPES INDICATED.
8. THE CONTRACTOR SHALL COORDINATE WORK SCHEDULE AND MATERIAL DELIVERY WITH GENERAL CONTRACTOR.
9. DURING PROGRESS OF WORK, KEEP ONE SET OF PRINTS SHOWING ANY CHANGES FROM ORIGINAL PLANS. UPON COMPLETION OF WORK, FURNISH ENGINEER WITH A CLEAN, LEGIBLE AND ACCURATELY MARKED AS-BUILT INDICATING ALL CHANGES FROM ORIGINAL PLANS.
10. ELECTRICAL CONTRACTOR AND MANUFACTURER TO GUARANTEE EQUIPMENT FOR ONE (1) YEAR AFTER FINAL ACCEPTANCE.
11. ELECTRICAL CONTRACTOR TO GUARANTEE MATERIAL AND WORKMANSHIP FOR ONE (1) YEAR AFTER FINAL ACCEPTANCE AND REPLACE ANY DEFECTS WITHOUT EXPENSE TO OWNER. FURNISH SERVICE FOR ONE (1) YEAR AFTER ACCEPTANCE. SERVICE TO INCLUDE LUBRICATION, CLEANING, NECESSARY ADJUSTMENTS AND/OR REPLACEMENTS. PREVENTATIVE MAINTENANCE, ETC.
12. DURING THE PROGRESS OF THE WORK THE ENGINEER OR OWNER'S REPRESENTATIVE WILL MAKE OBSERVATIONS AT THE SITE TO DETERMINE CONFORMANCE OF WORK WITH PLANS, SPECIFICATIONS AND INTENT. THEREOF DEFICIENCIES, VIOLATIONS AND INCORRECT WORKMANSHIP OR MATERIALS AND EQUIPMENT AND CORRECTIVE ACTION THEREFOR WILL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR IMMEDIATE REMEDIAL ACTION.
13. FURNISH TO THE OWNER, AND OBTAIN RECEIPT FOR IT, THE FOLLOWING: ONE SET OF FUSES FOR EACH SIZE AND TYPES INSTALL ON THE PROJECT. ONE SET OF TWO (2) KEY SWITCHES, TWO KEYS EACH FOR PANEL LOCKS, WEATHERPROOF OUTLETS, PADLOCKS, TERMINAL CABINETS, ETC. (SPECIES, TYPES, SIZES, PENCILS, TAMPERPROOF SCREWS, ETC. ALL ITEMS TO BE IDENTIFIED).
14. AS PRECEDENT TO FINAL INSPECTION AND ACCEPTANCE THE CONTRACTOR SHALL HAVE ALL PREVIOUSLY LISTED DEFECTS CORRECTED. COMPLETE ALL WORK, TEST ALL SYSTEMS AND HAVE DATA ON SUCH TEST HAVE ALL DIRECTORIES, LABELS AND TAGS IN PLACE.
15. THE ELECTRICAL CONTRACTOR WITH INPUT FROM THE GENERAL CONTRACTOR SHALL DETERMINE THE SERVICE REQUIRE DATE FOR THE POWER TRANSFORMER INSTALLATION AT THE CONSTRUCTION CONFERENCE.
16. THE POWER COMPANY RESERVES THE RIGHT TO INSTALL THE RISER, SWITCH GEAR AND WEATHERHEAD ON POWER COMPANY PILES AT THE EXPENSE OF THE ELECTRICAL CONTRACTOR. CONTACT THE POWER COMPANY FOR COST FOR AUTHORIZATION FOR AN ALTERNATE PROCEDURE.
17. ALL BOXES SHALL BE FIELD LOCATED AFTER COORDINATION WITH PROJECT GENERAL CONTRACTOR.
18. CUSTOMER SERVICE POLE TO BE LOCATED IN SUCH A WAY THAT IS LESS THAN 12 FEET FROM THE MAIL DISTRIBUTION CENTER BOX AND WITHIN 10-12 FEET OF GOLF POWERS POLE.

PLANTING NOTES

1. LANDSCAPE PLANT MATERIALS SHALL BE SUBMITTED TO THE CITY OF PENSACOLA FOR REVIEW AND APPROVAL PRIOR TO ORDERING ANY MATERIALS.
2. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ATTENDING A PRE-CONSTRUCTION MEETING DURING WHICH INSTALLATION SPECIFICATIONS, INSTALLATION REQUIREMENTS, SCHEDULES, AND MAINTENANCE REQUIREMENTS WILL BE DISCUSSED.
3. THE LANDSCAPE INSTALLATION MUST BE PROPERLY SEQUENCED WITH OTHER CONSTRUCTION SO THAT THE LANDSCAPE AND IRRIGATION IS NOT DAMAGED BY OTHER WORK (TRADES AND VICE VERSA).
4. THE CONTRACTOR SHALL VERIFY THE EXISTENCE OF AND STAKE ALL UTILITIES PRIOR TO CONSTRUCTION. EXCAVATION OF PLANT PITS LOCATED WITHIN 5' OF UTILITIES SHALL BE PERFORMED BY HAND. ANY UTILITY/PLANT MATERIAL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION OR ANY FIELD ADJUSTMENTS.
5. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTINGS SHOWN ON ALL DRAWINGS. ALL PLANTS SHALL MEET SIZE, CONTAINER, AND SPACING SPECIFICATIONS AS SHOWN IN THE PLANT SCHEDULE. THE CONTRACTOR SHALL GUARANTEE PLANT HEALTH AND SURVIVABILITY FOR ONE YEAR FROM DATE OF PROJECT ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. ANY MATERIAL NOT MEETING SPECIFICATIONS OR DISPLAYING POOR HEALTH SHALL BE REPLACED AT CONTRACTOR'S EXPENSE WITHIN 2 WEEKS OF NOTICE.
6. ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER (UNLESS OTHERWISE NOTED) AS SET FORTH BY GRADES AND STANDARDS FOR NURSERY PLANTS', STATE OF FLORIDA. LATEST EDITION STANDARDS AND DESIGNATIONS. NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF ONE WEEK PRIOR TO PLANT DELIVERY TO SCHEDULE ON-SITE INSPECTION UPON DELIVERY. INSTALLED PLANT MATERIAL NOT MEETING SPECIFICATIONS SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE. ALL PLANTS MUST BE BROUGHT TO THE SITE FREE OF WEEDS. ADDITIONALLY, THE CONTRACTOR SHALL FURNISH TO THE OWNER'S REPRESENTATIVE WITH REPRESENTATIVE PLANT PHOTOS TO APPROVE FOR ALL PLANT MATERIALS PRIOR TO ANY PLANT DELIVERY. MEASURING STICKS SHALL BE SHOWN IN PHOTOS, AS APPROPRIATE.
7. ALL PLANT MATERIALS INDICATED WITH A GALLON SIZE SHALL BE CONTAINER GROWN WITH AN APPROPRIATE APPROPRIATE FOR THE PLANT SIZE. ROOT BOUND PLANTS SHALL NOT BE ACCEPTED. NO SUBSTITUTIONS SHALL BE PERMITTED WITHOUT PRIOR APPROVAL OF THE OWNER'S REPRESENTATIVE.
8. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO MAKE PLANTING BED FIELD CHANGES TO ACCOMMODATE SITE CONDITIONS AND TO ACHIEVE THE DESIGN INTENT. THE LANDSCAPE CONTRACTOR SHALL FLAG ALL TRIM AND BEDLINE LOCATIONS FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO ANY INSTALLATION.
9. BED PREPARATION: LOOSEN SOIL TO A MINIMUM DEPTH OF FOUR INCHES AND REMOVE ALL DEBRIS. REGRADE THE BED TO ITS PREPLANTING SUBGRADE. DIG PLANTING PITS AT 1.5 TIMES THE DIAMETER OF THE POT. FILL PLANT PIT WITH APPROVED PLANTING MIX AND COMPACT SO THAT THE TOP OF ROOT BALL WILL SETTLE TO THE PROPER LEVEL RELATIVE TO FINISH GRADE. SET PLANT AND FILL REMAINDER OF HOLE WITH PLANTING MIX. FERTILIZE EACH PLANT WITH THE APPROVED TYPE AND RATE OF FERTILIZER. WATER THOROUGHLY. RESET ANY PLANTS THAT SETTLE TOO DEEP. REMOVE SOIL SPILL AND RAKE THE BED TO ITS FINISH GRADE. COVER ALL BED AREAS WITH 3" DEPTH (SETTLED) OF PINE STRAW MULCH WITH A 1" LAYER ON THE PLANT GROWN. REMOVE ALL DEBRIS FROM THE MULCH. WATER BED THOROUGHLY. EACH NEWLY PLANTED TREE NOT WITHIN A SHRUBGROUND COVER BED SHALL BE CENTERED WITHIN A LAYER OF MULCH 8" IN DIAMETER AND 3" DEPTH (SETTLED). ALL PINE STRAW SHALL BE HIGH GRADE FROM THE IMPROVED SLASH PINE TREE WITH A MINIMUM NEEDLE LENGTH OF EIGHT INCHES.
10. THE LANDSCAPE CONTRACTOR SHALL CONDUCT REPRESENTATIVE VISUAL INSPECTION PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY IMPROPER SOIL CONDITION (NUTRITIONAL DEFICIENCIES, WETNESS, MUD, DEBRIS, ETC.) AND SHALL RECOMMEND FOR APPROVAL PRIOR TO INSTALLATION. ALL SOIL AMENDMENTS THAT MAY BE NECESSARY TO PROMOTE HEALTHY, VIGOROUS PLANT GROWTH.
11. THE LANDSCAPE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING VEGETATION INTENDED TO REMAIN THAT IS DISTURBED BY PLANT MATERIAL INSTALLATION ACTIVITIES. THIS REPAIR/REPLACEMENT SHALL BLEND SEAMLESSLY WITH THE EXISTING LANDSCAPE.
12. THE LANDSCAPE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES (AND PLANS), AS NECESSARY, IN PREPARING PLANTING AREAS, INCLUDING FINAL GRADE ELEVATIONS.
13. ALL PLANT MATERIAL SHALL BE PLANTED IMMEDIATELY UPON DELIVERY TO THE SITE AND WATERED IN (BY HAND IF THE IRRIGATION SYSTEM IS NOT FUNCTIONING PROPERLY) IF ANY PLANT MATERIAL NOT ALLOWED WITHIN 4 HOURS OF DELIVERY TO THE SITE MUST BE STORED IN AN APPROVED, PROTECTED HOLDING AREA AND SHALL BE WATERED AS NECESSARY TO MAINTAIN PLANT HEALTH AND QUALITY.
14. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 48 HOURS PRIOR TO COMPLETION TO SCHEDULE A FINAL WALK THROUGH. A FINAL WALK THROUGH SHALL NOT BE PERFORMED IF PREVIOUS PUNCH LISTS ARE NOT COMPLETED.
15. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PLANTINGS UNTIL FINAL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. THIS MAINTENANCE INCLUDES KEEPING BEDS FREE OF DEBRIS, WEEDS, DISEASES, AND INFESTATIONS. THE LANDSCAPE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROVIDING SUFFICIENT WATER TO THE PLANTS DURING THIS TIME.
16. THE LANDSCAPE CONTRACTOR SHALL SUPPLY THE OWNER'S REPRESENTATIVE WITH AS-BUILT DRAWINGS IN ACD FORMAT (2010 VERSION OR LATER) WITHIN 30 DAYS OF PROJECT ACCEPTANCE.
17. REFER TO CURRENT FOOT STANDARD SPECIFICATIONS AND DESIGN STANDARD INDICES, THE CIVIL PLANS, THE GENERAL NOTES, AND THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. WHERE CONFLICTS EXIST, THE MORE STRINGENT STANDARDS AND SPECIFICATIONS SHALL APPLY.
18. CONTRACTOR SHALL PRUNE THE EXISTING TREES THAT REMAIN AS DIRECTED BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL ALSO REMOVE ALL VINES FROM THE EXISTING TREES THAT REMAIN.

IRRIGATION NOTES

1. PERMANENT IRRIGATION SHALL BE INSTALLED FOR ALL LANDSCAPE (INCLUDING TURF) SHOWN ON THE PLANS AS LONG AS IRRIGATION IS DIRECT ACCEPTANCE BY THE CONTRACTOR/IRRIGATION INSTALLER SHALL BE ALLOWED TO DETERMINE THE MOST EFFECTIVE METHOD OF PROVIDING IRRIGATION. UTILIZING SPRINKLER HEADS, RISERS, DRIP, AND BUBBLERS. THE CONTRACTOR SHALL USE THE EXISTING IRRIGATION WELL AS THE IRRIGATION SOURCE. A LOCKABLE CABINET CONTROLLER SHALL BE PROVIDED BY THE CONTRACTOR AND ITS LOCATION DETERMINED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
2. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED AS A DESIGN-BUILD PORTION OF THE WORK PERFORMED BY THE CONTRACTOR. THE SYSTEM SHALL BE DESIGN ZONED SO THAT ALL IRRIGATION CAN OCCUR BETWEEN THE HOURS OF 1:00 A.M. AND 7:00 A.M.
3. THE CONTRACTOR SHALL FURNISH THE OWNER'S REPRESENTATIVE WITH SHOP DRAWINGS AND SCHEMATIC DESIGN PLANS INDICATING FULL COVERAGE OF IRRIGATED AREAS. THE SHOP DRAWINGS MUST INCLUDE PROPOSED SLEEVING LOCATIONS, SIZES, ALL TREES SHALL HAVE 2 BUBBLERS, AND ALL AZALEAS SHALL HAVE ONE BUBBLER. THAT ARE PLACED ON BUBBLER ONLY ZONES THAT ARE SEPARATE FROM THE OTHER IRRIGATION ZONES. INSTALLATION SHALL NOT COMMENCE UNTIL THE SHOP DRAWINGS ARE APPROVED BY THE OWNER'S REPRESENTATIVE.
4. PERMANENT SLEEVES SHALL BE INSTALLED BY THE CONTRACTOR AS NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL BORINGS AND GAINING, AS NECESSARY. THE CONTRACTOR IS RESPONSIBLE, AT THEIR EXPENSE, TO REPAIR ANY AND ALL DAMAGE CAUSED TO ANY ROADWAY OR ANY OTHER AREAS, OR UTILITIES AS A RESULT OF THE BORINGS OR ANY OTHER IRRIGATION WORK.
5. THE INSTALLER SHALL BE EXPECTED TO MAKE IRRIGATION SYSTEM FIELD ADJUSTMENTS ON THE SITE AS NEEDED, IN ORDER TO MAINTAIN COMPLETE AND ACCURATE IRRIGATION COVERAGE, AND TO MAINTAIN THE INTENT OF THE DESIGN. THE FINAL LOCATIONS FOR ALL MAJOR EQUIPMENT (AS APPLICABLE), INCLUDING CONTROLLERS, VALVES, WELLS, SUPPLY CONNECTIONS, MAINLINES, METERS, ETC. SHALL BE DETERMINED IN THE FIELD, STAKED OUT BY THE CONTRACTOR USING THEIR DRAWINGS AS A GUIDE, AND THEN APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
6. OVERSPRAY ONTO PARK AMENITIES AND ANY PAVED SURFACE IS NOT ALLOWED TO OCCUR. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN SUCH A FASHION AND BE OF A TYPE THAT CAN BE ADJUSTED TO THROW IRRIGATION WATER AWAY FROM THE PARK AMENITIES AND ALL PAVED SURFACES.
7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH PREVALUING CODES AND REGULATIONS. IT SHALL BE THE RESPONSIBILITY OF THE INSTALLER TO VERIFY AND CONFORM TO ALL APPLICABLE LOCAL CODES FOR THE LOCATION. THE INSTALLER SHALL OBTAIN ALL NECESSARY PERMITS (WATER USE, WATER LINE TAPS), UTILITY LOCATES, AND INSPECTIONS.
8. ALL WORK SHALL BE CLOSELY COORDINATED WITH THAT OF OTHER TRADES IN ORDER TO AVOID CONFLICTS. THE INSTALLATION SHALL BE COORDINATED WITH ALL NEW AND EXISTING IMPROVEMENTS, AND WITH THE ACTUAL, INSTALLED BED LIMITS, AND PLANT LOCATIONS.
9. ALL MATERIAL AND LABOR NECESSARY TO PROVIDE A COMPLETE, FULLY OPERATIONAL, AND GUARANTEED SYSTEM SHALL BE FIELD COORDINATED WITH THE WORK, WHETHER OR NOT THEY ARE SPECIFICALLY INDICATED IN SUBMITTED DOCUMENTS. THIS SHALL INCLUDE CONFORMANCE WITH THE REQUIREMENTS AND

LANDSCAPING GENERAL NOTES

1. THE ENTIRETY OF THE LANDSCAPING FOR THIS PROJECT SHALL BE PER SHEET C-9
2. LANDSCAPE PLANT MATERIALS SHALL BE SUBMITTED TO THE CITY OF PENSACOLA FOR REVIEW AND APPROVAL PRIOR TO ORDERING ANY MATERIALS.
3. THE ESTABLISHMENT PERIOD FOR WATERING AND MAINTENANCE BY THE CONTRACTOR SHALL BE 365 DAYS. THE CONTRACTOR SHALL REQUEST AN ESTABLISHMENT PERIOD INSPECTION AT THE END OF THE 365 DAY ESTABLISHMENT PERIOD. A REPRESENTATIVE FROM THE CITY OF PENSACOLA INSPECTIONS DEPARTMENT MAINTENANCE SHALL BE IN ATTENDANCE AT THE ESTABLISHMENT PERIOD INSPECTION.
4. LANDSCAPE MATERIALS SHALL BE ADJUSTED IN THE FIELD TO AVOID CONFLICTS WITH ANY PROPOSED EXISTING TO REMAIN UTILITY STRUCTURES, DRAINAGE STRUCTURES, DITCHES, UNDER DRAINS, DITCH BLOCKS, STORM WATER MANAGEMENT FACILITIES, PAVING, DRAINAGE DISCHARGE PATHS, SIGNAGE, OVERHEAD AND UNDERGROUND UTILITIES, LIGHTING AND THEIR APPURTENANCES. THE CONTRACTOR SHALL NOT INSTALL PROPOSED IMPROVEMENTS IF A CONFLICT EXISTS. ANY COSTS TO REMOVE AND/OR REPAIR WORK INSTALLED THAT HAS BEEN APPROVED BY THE OWNER'S REPRESENTATIVE SHALL BE AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS (ONTO THE PROJECT SITE). SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, PERMISSION FROM THE OWNER'S REPRESENTATIVE IN ADVANCE. THE CONTRACTOR SHALL PROVIDE THE OWNER'S REPRESENTATIVE WITH A COPY OF

RECOMMENDATIONS OF THE VARIOUS MANUFACTURERS OF THE EQUIPMENT. PROPOSED FOR USE. THE OWNER'S REPRESENTATIVE SHALL COORDINATE WITH THE CITY PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, CONTRACTORS DO NOT NEED A MSDS SUBMITTAL, ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE OWNER'S REPRESENTATIVE IS TO NOTIFY THE CITY OF THE DISCOVERY. THE CITY WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE OWNER'S REPRESENTATIVE.

10. METALLIC LOCATOR/WARNING TAP SHALL BE BURIED ABOVE ALL WIRING AND PIPING.
11. VALVE BOXES SHALL BE TAMPER-RESISTANT TYPE.
12. ALL SPRINKLER HEADS SHALL BE OF THE PROPER SIZE AND TYPE FOR THE LOCATION AND PLANT MATERIAL. HEADS SHALL BE INSTALLED PLUMB, AND WITH THE PROPER HEIGHT WITH RESPECT TO GRADE AND OR CLEARANCE FROM ALL HEADS AND OTHER EQUIPMENT SHALL BE INSTALLED WITH ADEQUATE AND UNIFORM CLEARANCES FROM ALL PAVING, CURBS, SIDEWALKS, WALLS AND OTHER OBSTACLES, SO THAT DAMAGE TO EQUIPMENT DOES NOT OCCUR DURING NORMAL LANDSCAPE MAINTENANCE OPERATIONS. ALL SPRINKLERS SHALL BE ADJUSTED TO OBTAIN OPTIMAL COVERAGE OF PLANT MATERIAL, WHILE ELIMINATING OVERSPRAY ONTO WALLS, PARK AMENITIES, PAVING OR OTHER IMPERVIOUS SURFACES. THE INSTALLER SHALL UTILIZE THE PROPER SPRAY NOZZLE PATTERN FOR THE LOCATION, AS WELL AS PRESSURE-COMPENSATING HEADS OR SCREENS, AND ADJUSTABLE-PATTERN NOZZLES WHERE A FIXED PATTERN IS NOT SUITABLE TO CONTROL COVERAGE OR OVERSPRAY.
13. CONTROLLER(S) SHALL BE HOOKED UP BY A LICENSED ELECTRICIAN.
14. THE CONTROLLER(S) SHALL BE EQUIPPED WITH A PROGRAMMABLE AND INSTALLED WITH AN OFF-PEAK SENSOR DEVICE THAT COMPLIES WITH FLORIDA LAW. THE SENSOR(S) SHALL BE LOCATED IN SUCH A MANNER SO THAT THEY ARE UNOBSTRUCTED, AND DIRECTLY EXPOSED TO NATURAL RAINFALL AND SUNLIGHT FROM ALL DIRECTIONS, BUT NOT TO RUNOFF WATER FROM DITCHES OR OTHER SURFACES.
15. THE MINIMUM SUPPLY REQUIREMENTS FOR THE SYSTEM SHALL BE DETERMINED BY THE CONTRACTOR AND STATED ON THE DESIGN-BUILD PLANS AND SHOP DRAWINGS.
16. THE INSTALLER SHALL BE EXPECTED TO BE FAMILIAR WITH ALL REQUIREMENTS FOR THE WORK, AND TO CONDUCT THE WORK IN A CLEAN, SAFE, AND WORKMANLIKE MANNER. THE OWNER RESERVES THE RIGHT TO ACT TO PROTECT HIS PROPERTY AND THE OTHER PERSONNEL AT WORK THERE, AND TO MAKE EMERGENCY REPAIRS OR TAKE CORRECTIVE ACTION IF THE INSTALLER DOES NOT FULLY FULFILL HIS OBLIGATIONS IN A TIMELY MANNER. THE OWNER FURTHER RESERVES THE RIGHT TO BACK-CHARGE THE INSTALLER TO COVER SUCH EXPENSES, TO THE EXTENT ALLOWED UNDER APPLICABLE LAW.
17. THE INSTALLER SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR PROVISION OF ELECTRIC SERVICE REQUIREMENTS.
18. ANY EXISTING IRRIGATED AREAS THAT ARE ADJACENT TO THE NEW CONSTRUCTION MUST REMAIN UNDISTURBED AND FULLY FUNCTIONAL. ANY DISRUPTION BY THE CONTRACTOR TO THE EXISTING IRRIGATION COVERAGE MUST BE CORRECTED BY THE CONTRACTOR AT THEIR EXPENSE.
19. THE LANDSCAPE CONTRACTOR SHALL SUPPLY THE OWNER'S REPRESENTATIVE WITH DETAILED AND PROPERLY SCALED IRRIGATION AS-BUILT DRAWINGS IN ACD FORMAT (2010 VERSION OR LATER) WITHIN 30 DAYS OF PROJECT ACCEPTANCE. THE AS-BUILTS MUST INCLUDE ALL SYSTEM COMPONENTS AND THEIR SIZES.

THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE OWNER'S REPRESENTATIVE SHALL COORDINATE WITH THE CITY PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, CONTRACTORS DO NOT NEED A MSDS SUBMITTAL, ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE OWNER'S REPRESENTATIVE IS TO NOTIFY THE CITY OF THE DISCOVERY. THE CITY WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE OWNER'S REPRESENTATIVE.

6. NO BARE EARTH AREAS SHALL BE VISIBLE AFTER COMPLETION OF THE WORK. SOO ALL DISTURBED AREAS THAT ARE NOT LANDSCAPED MULCHED OR HARDSCAPED WITH 4" BERMUDA GRASS. THE CONTRACTOR SHALL VERIFY THE SOO QUANTITY PRIOR TO BIDDING.
7. LANDSCAPE IMPROVEMENTS SHALL BE INSTALLED BY THE CONTRACTOR PER THE LATEST EDITION OF FOOT MAINTENANCE SUPPLEMENTAL SPECIFICATION 860, AND ANY PLANTING SPECIFICATIONS PROVIDED WITH THE CONSTRUCTION DOCUMENTS.
8. THE CONTRACTOR SHALL INSURE THAT, PRIOR TO MOVING ON SITE, ALL EQUIPMENT WHICH LAST OPERATED IN AREAS KNOWN TO BE INFESTED WITH NOXIOUS WEEDS IS FREE OF SOIL, SEEDS, VEGETATIVE MATTER, OR OTHER DEBRIS THAT COULD CONTAIN OR HOLD SEEDS.
9. QUANTITIES ON LANDSCAPE PLAN ARE MINIMUM ONLY. CONTRACTOR IS RESPONSIBLE FOR THEIR OWN QUANTITY TAKE-OFF, AND SHALL PROVIDE ALL PLANT MATERIAL REQUIRED TO FILL PLANT BED AREA AT SPACING SHOWN ON PLANT SCHEDULE.
10. THE SITE CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL IN SUFFICIENT QUANTITY TO BE ABLE TO REGRADE THE TOPSOIL TO THE DEPTH OF ANY ALL LANDSCAPED AND TURFED AREAS PRIOR TO ANY LANDSCAPE AND/OR TURF INSTALLATION. IF SUFFICIENT TOPSOIL IS NOT AVAILABLE FOR REGRADING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE TOPSOIL AS NECESSARY, IN ACCORDANCE WITH THE LATEST EDITION OF FOOT STANDARD SPECIFICATIONS 165 AND 867. THE TOPSOIL USED IN THE PLANTING OPERATION SHALL BE A NATURAL, FRIABLE, FINE LOAM SOIL. IT SHALL BE CERTIFIED TO BE FREE OF WEED SEEDS AND PATHOGENS. IT SHALL ALSO BE FREE OF LITTER, SOO, CLAY, STONES, ROOTS AND STUMPS. IT SHALL HAVE A PH BETWEEN 6.0 TO 7.0.
11. ALL EROSION CONTROL METHODS SHALL BE IN ACCORDANCE WITH THE CIVIL PLANS.
12. PLANTING FOR ALL PLANT MATERIAL AND STAKING FOR ALL TREES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF FOOT DESIGN STANDARD INDEX 844.

PLANTING BED PREPARATION

1. ALL PLANTING AREAS SHALL BE STRIPPED OF ALL EXISTING VEGETATION UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL PLANTING AREAS SHALL THEN BE TREATED WITH A PRE-EMERGENT HERBICIDE TO ASSURE THAT WEEDS WILL BE CONTROLLED PRIOR TO PLANTING. HERBICIDE INSTRUCTIONS SHALL BE FOLLOWED AS TO TREATMENT DILUTION, MIX, APPLICATION, AND TIME PERIOD BETWEEN APPLICATIONS AS APPLICABLE TO ASSURE WEEDS ARE ELIMINATED FROM THE PLANTING BEDS PRIOR TO COMMENCING PLANTING. HERBICIDE TREATMENT SHALL BE IN ACCORDANCE WITH GUIDELINES PROVIDED BY THE FOOT FOR CHEMICAL CONTROL.
3. ALL SOIL AMENDMENTS SHALL BE ADDED TO THE PLANTING AND THOROUGHLY INCORPORATED INTO THE SOIL PRIOR TO COMMENCING FINAL GRADING AND PLANTING.

ADDITIONAL ELECTRICAL NOTES:
 ANY NEW ELECTRICAL SERVICES BROUGHT INTO THIS PROPERTY SHALL BE UNDERGROUND AS OPPOSED TO AERIAL.

ADDITIONAL LANDSCAPING NOTES:
 LANDSCAPING GENERAL NOTE # ABOVE SHALL NOTE BE INTERPRETED AS "THOUGH SOO IS AN ACCEPTABLE GROUND COVER FOR LANDSCAPING THE ISLANDS, ALL ISLANDS SHALL RECEIVE MULCH AS GROUND COVER."

NOTE:
 CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY/ALL PERMITS NECESSARY FOR COMPLETION OF THE DESIGN BUILD PORTIONS OF THIS PROJECT

CITY OF PENSACOLA, FLORIDA
 BUILDING AND CONSTRUCTION SERVICES DIVISION
 100 N. GADSDEN STREET, SUITE 200
 PENSACOLA, FLORIDA 32502-4000
 PHONE: 904.425.2222

PENSACOLA
 FLORIDA'S FIRST & FUTURE

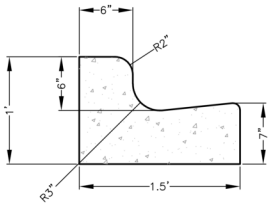
PENSACOLA INTERNATIONAL AIRPORT
 TIPPIN AVENUE PARKING LOT
 LANDSCAPING, STRIPING & SIGNAGE NOTES

DATE: 23-###
 BY: [Signature]
 DESCRIPTION: [Blank]
 REVISIONS: [Blank]
 MARK: [Blank]

ISSUED BY: [Signature]
 LICENSE NO. 74549
 STATE OF FLORIDA
 EXPIRES: 12/31/2024

DATE: 7-23
 BY: [Signature]

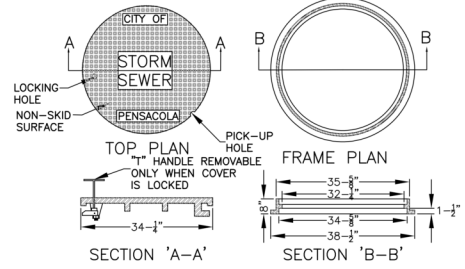
ISSUE NO. [Blank]



NOTE:

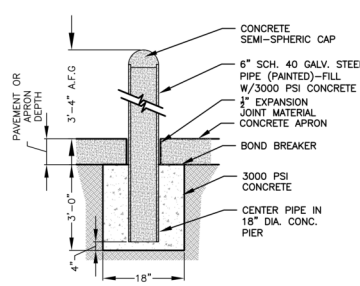
1. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".
2. EXPANSION JOINTS ARE TO BE 60' ON CENTER. TYPICAL FOR ALL CURB.
3. CONCRETE TO BE 3,000 PSI @28 DAYS W/FIBER MESH

TYPE C CURB SECTION
SCALE: N.T.S.

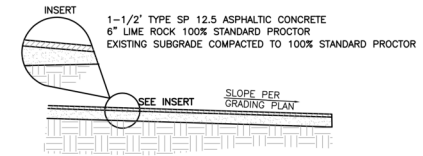


NOTE:
NEENAH FOUNDRY CO. FRAME & COVER NO.R-5900-H WITH LOCKING DEVICE
TYPE J-T HANDLE BAR LOCK OR APPROVED EQUAL.
COVER PATTERN TO INCLUDE WORDS
"STORM SEWER"

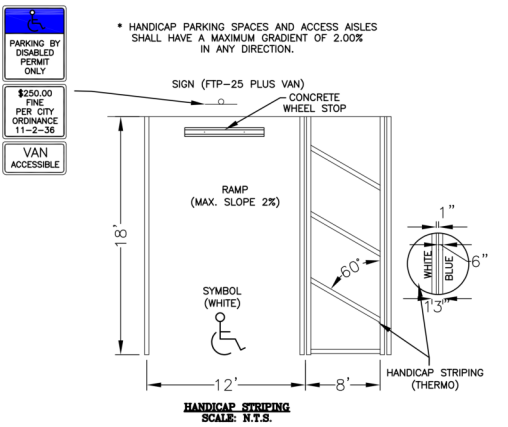
34" MANHOLE FRAME & COVER
SCALE: N.T.S.



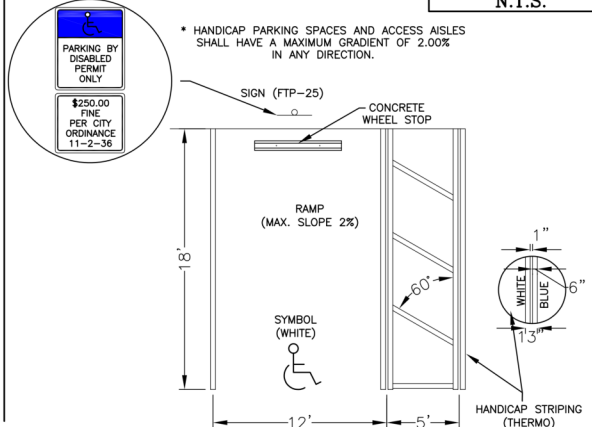
BOLLARD
N.T.S.



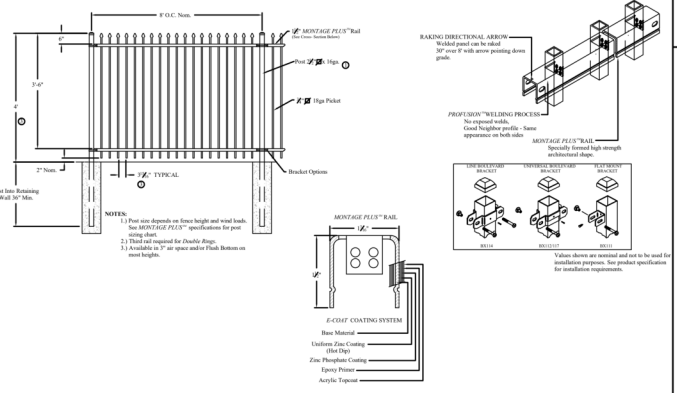
ASPHALT TYPICAL CROSS SECTION DETAIL
SCALE: N.T.S.



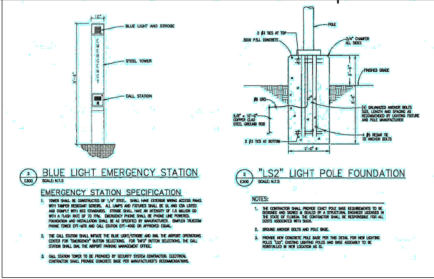
HANDICAP STRIPING
SCALE: N.T.S.



HANDICAP STRIPING
SCALE: N.T.S.

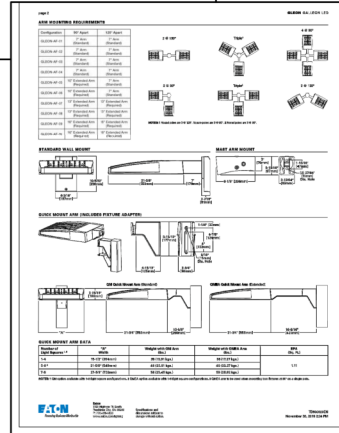


EMERGENCY CALL STATION AND POLE FOUNDATION DETAIL

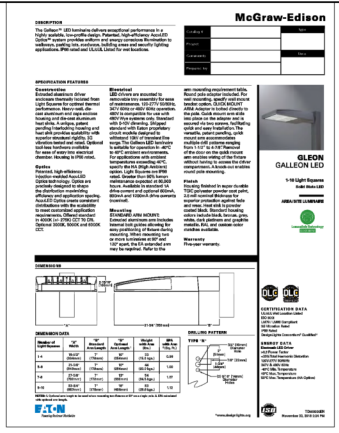


BLUE LIGHT EMERGENCY STATION

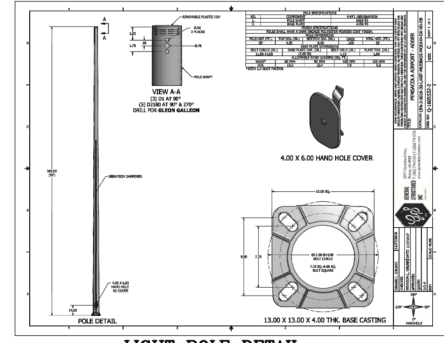
1.5" LIGHT POLE FOUNDATION



L.E.D. LIGHT FIXTURE DETAIL

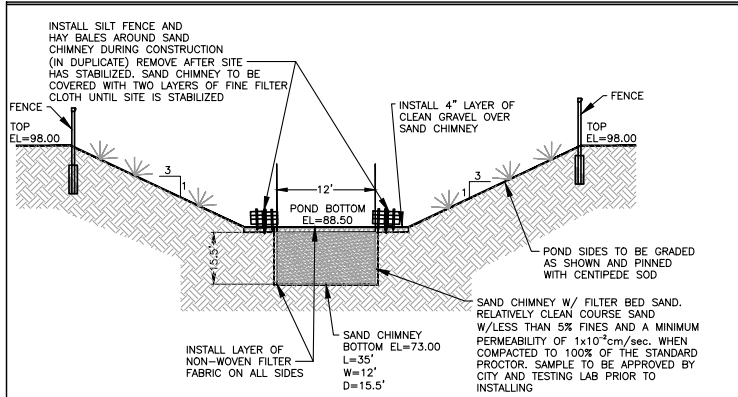


LIGHT POLE DETAIL

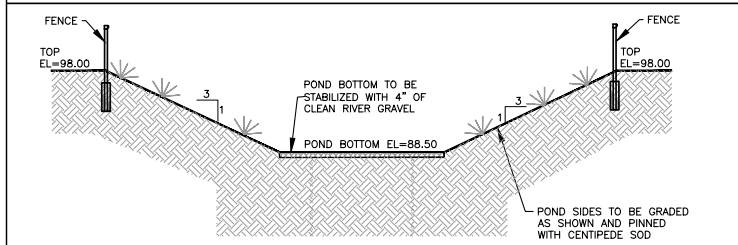


NO.	DATE	DESCRIPTION

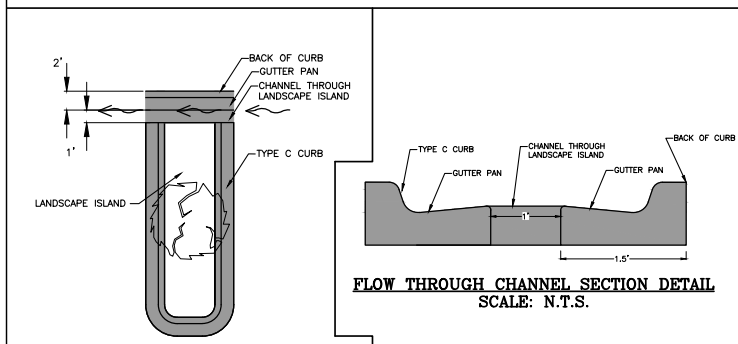
DATE PLOTTED	20-03-20
SCALE	AS SHOWN
PROJECT NO.	20-037
DESIGNED BY	CSJ
CHECKED BY	BH
DATE	03-20
SHEET NO.	



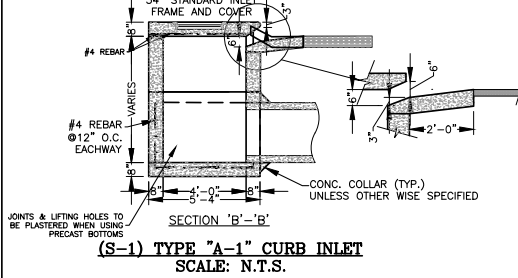
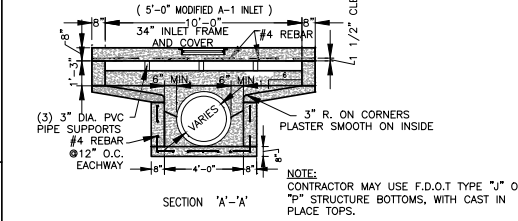
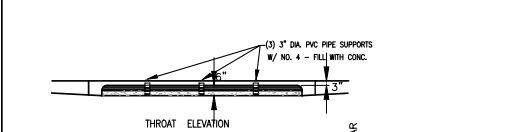
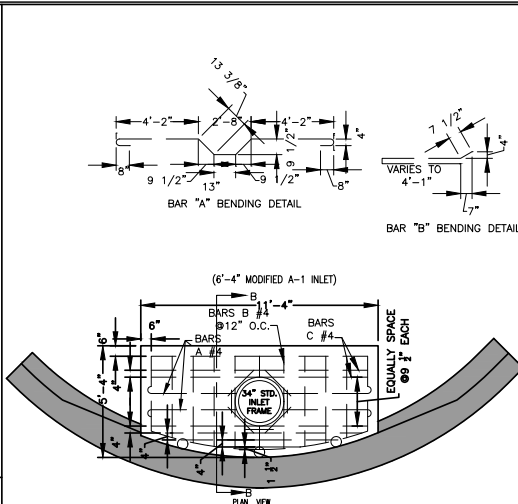
POND CROSS SECTION A-A DETAIL
SCALE: N.T.S.



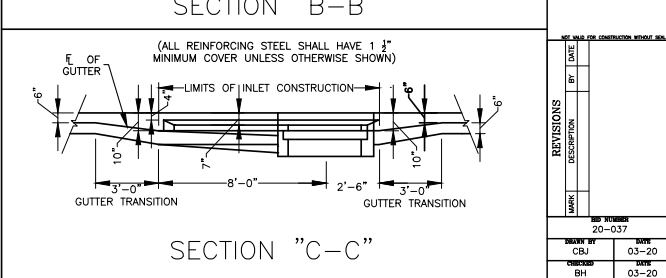
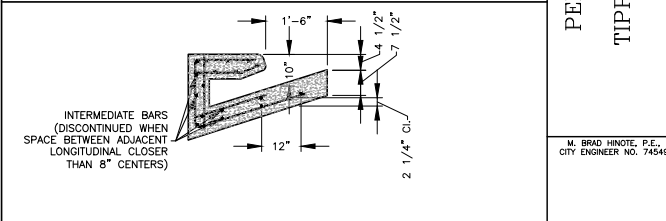
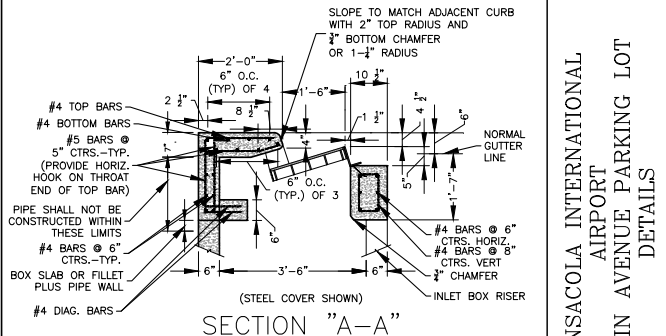
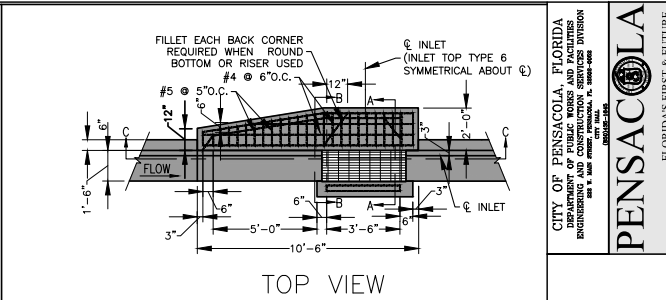
POND CROSS SECTION B-B DETAIL
SCALE: N.T.S.



FLOW THROUGH CHANNEL DETAIL
SCALE: N.T.S.



(S-1) TYPE \"A-1\" CURB INLET
SCALE: N.T.S.



TYPE 6 INLET (S-3 & S-4)
SCALE: N.T.S.

CITY OF PENSACOLA, FLORIDA
ENGINEERING AND CONSTRUCTION SERVICES DIVISION
100 N. GULF BEACH BLVD., SUITE 1000
PENSACOLA, FLORIDA 32502-3918
PENSACOLA
FLORIDA'S FIRST & FUTURE

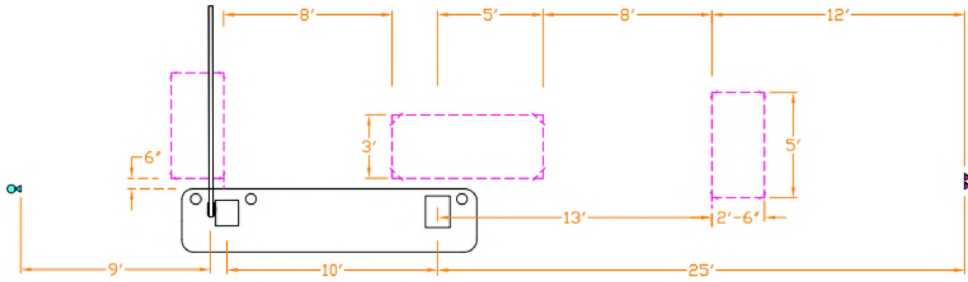
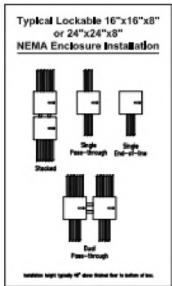
PENSACOLA INTERNATIONAL
AIRPORT
TIPPIN AVENUE PARKING LOT
DETAILS

M. BRAD HINOTE, P.E.
CITY ENGINEER NO. 74549

REVISIONS		DATE
NO.	DESCRIPTION	DATE
20	037	
21		
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Typical TIBA LPR Single Lane Layout- Rear Capture

Typical TIBA LPR Single Lane Dimensions



Installation Notes

- Placement and dimensions are based on a typical LPR line layout. Field adjustment of camera focal length due to site conditions will affect loop placement geometry. Call for layout geometry based on actual site dimensions.
- Cameras are shown ceiling mounted and the height of the bottom of the camera should be set at the height clearance of the facility.

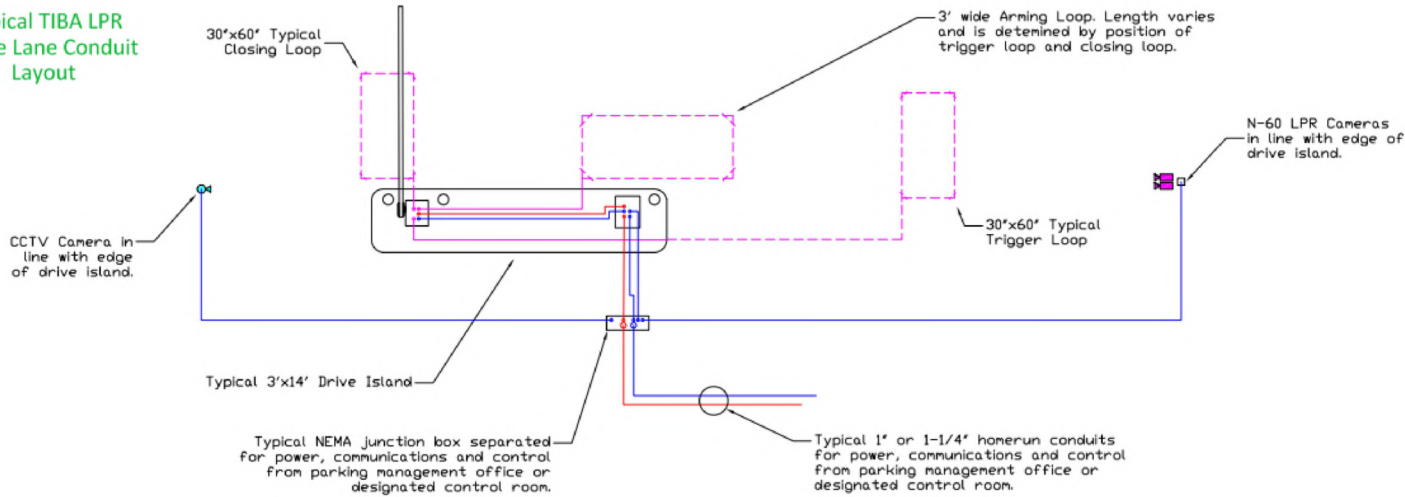
Vendor Instructions

- > 18/2 Shielded Cables one for each camera to local power supplies (NO PNE).
- > 22/8 Shielded Cables for cameras to the gate (shared by both cameras).
- > CAT6 from cameras (1 each) into UNDO/Loop Switch.

Recommendations

- No more than 6 cameras per UNO, preferably 4.
- Do not split cameras for a lane on different UNOs.
- 24"x24"x8" Lockable Aluminum NEMA Enclosures are recommended to house LPR power supplies, UNOs, UPSs and LAN Switches if distance to parking management office or control room is over 200 feet.

Typical TIBA LPR Single Lane Conduit Layout

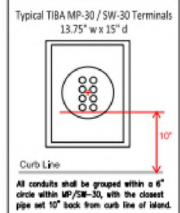
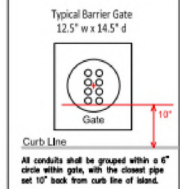


TIBA PARKING SYSTEMS

5126 S. Royal Atlanta Drive
Tucker, Georgia 30084 USA
ph: 770-481-7588 f: 770-524-2084
support@tibaparking.com

GENERAL LAYOUT NOTES

Recommended minimum width of drive island is 30'. Length is field adjustable. Recommended minimum drive lane width is 5' and is field adjustable.



Description Key

- 3/4" Conduit for electrical power.
- 3/4" Conduit for camera and control.
- 1/2" Conduit for loop cables.
- White Detector Loops.

Project Name or Address

Project Number

Scale

DATE	BY	DESCRIPTION

15

Typical LPR Single Lane Layout

M. BRAD HINOTE, P.E.
CITY ENGINEER NO. 74549

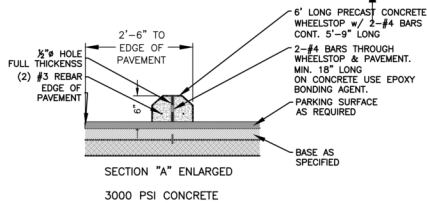
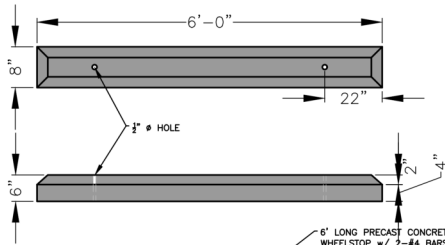
REVISIONS

MARK	DESCRIPTION	DATE

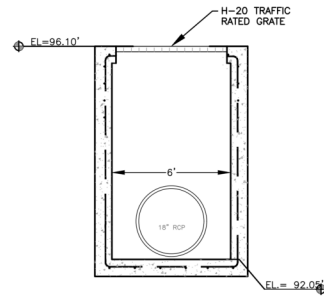
REV NUMBER: 20-037

REVISED BY	DATE
CSJ	03-20
BH	03-20

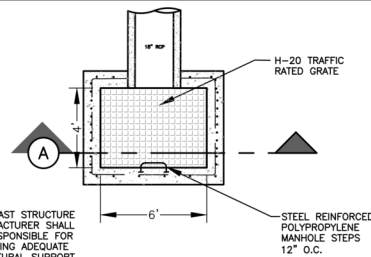
SHEET NO.



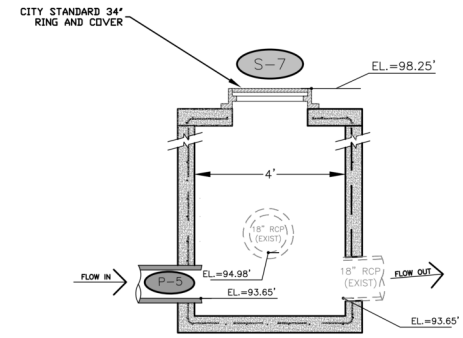
WHEELSTOP
SCALE: N.T.S.



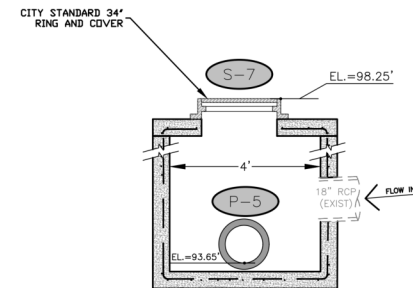
6'X4' STORM STRUCTURE SECTION "A" (S-2)
SCALE: NTS



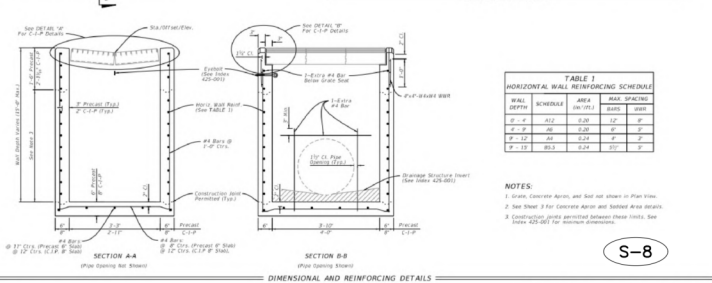
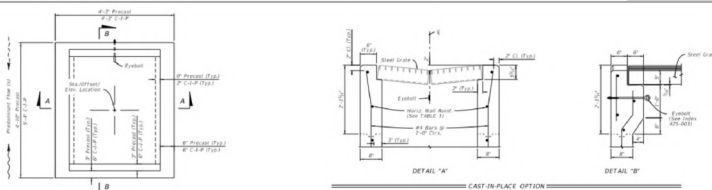
6'X4' STORM STRUCTURE PLAN (S-2)
SCALE: NTS



STORM SEWER MANHOLE (S-7) SECTION "B-B"
SCALE: N.T.S.

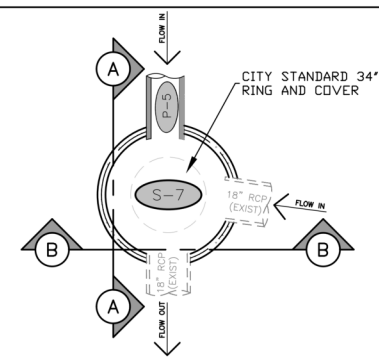
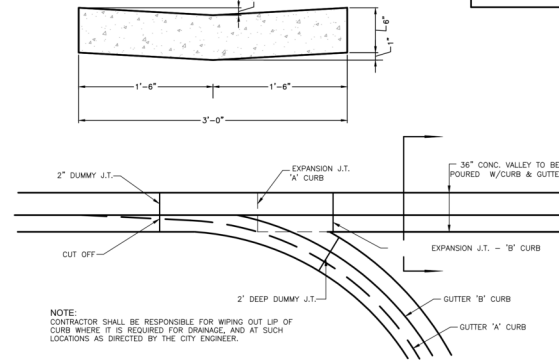


STORM SEWER MANHOLE (S-7) SECTION "A-A"
SCALE: N.T.S.



WALL DEPTH	SCHEDULE	AREA (sq./ft.)	MAX. SPACING
0'-4"	A31	0.08	18"
4'-0"	A6	0.20	18"
4'-12"	A8	0.24	18"
6'-0"	A9	0.24	18"

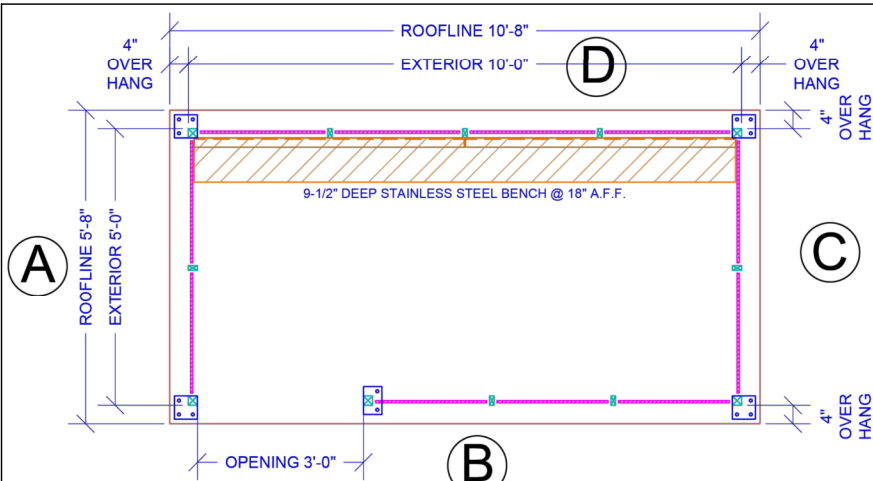
NOTES:
1. Spacing, direction, laps, and bar not shown in Plan View.
2. See Sheet 3 for Concrete Apron and Sill and A-10 DETAILS.
3. Construction joints permitted between these limits. See Sheet 425-067 for Reinforcement Schedule.



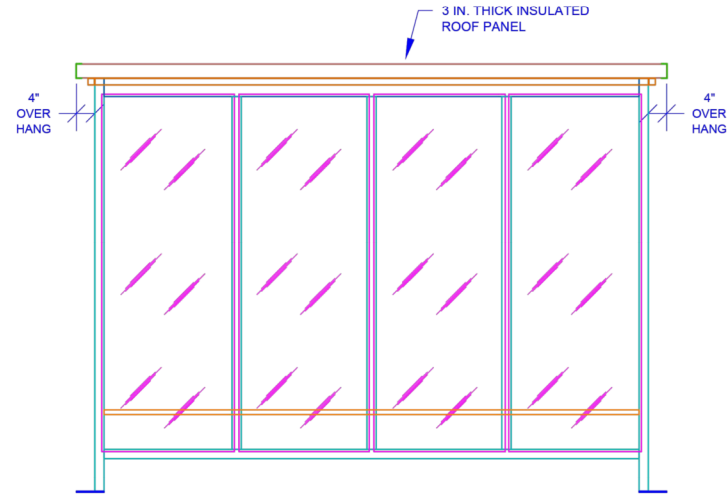
STORM SEWER MANHOLE (S-7) PLAN
SCALE: N.T.S.

REVISIONS	DATE	BY	DESCRIPTION

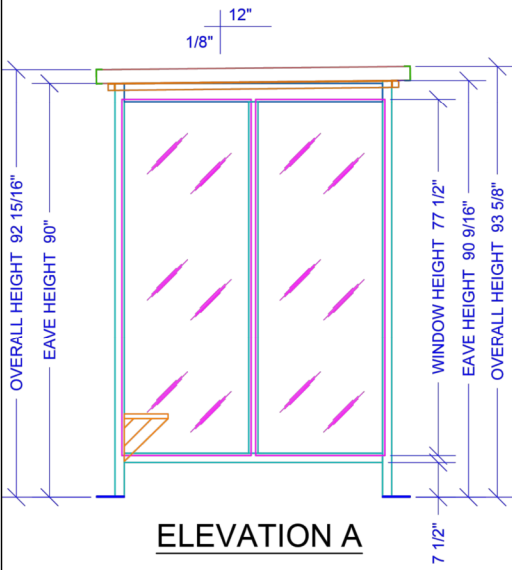
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 DRAWN BY: CBU DATE: 03-20
 CHECKED BY: BH DATE: 03-20
 SHEET NO.:



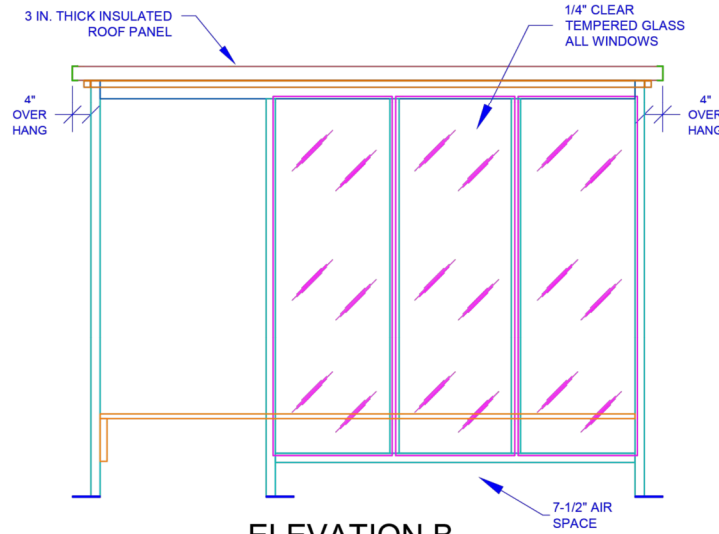
**5'X10' STEEL SHELTER
PLAN VIEW**



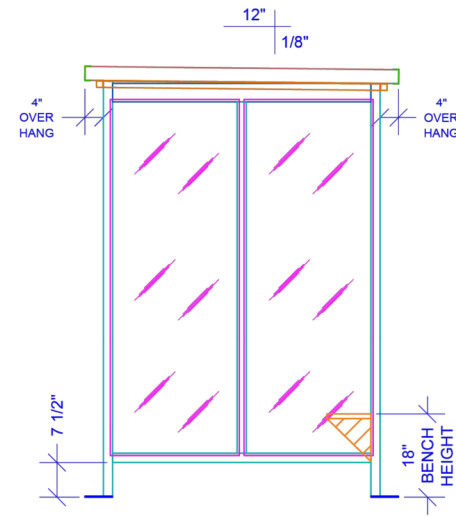
ELEVATION D



ELEVATION A



ELEVATION B



ELEVATION C

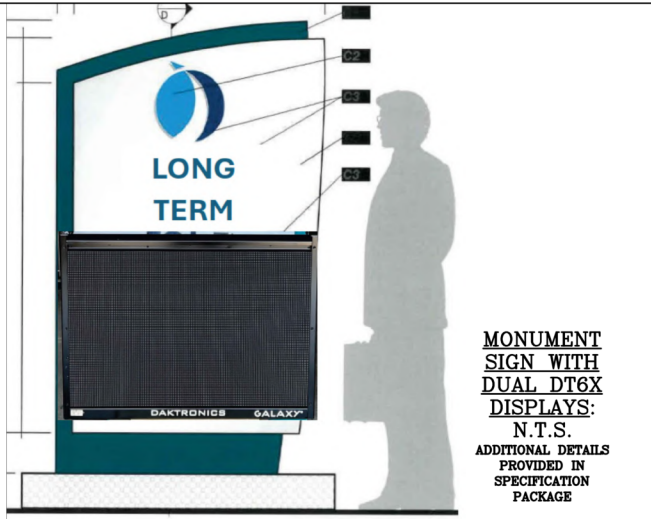
REVISIONS		DATE
MARK	DESCRIPTION	DATE

PROJECT NO.	20-037
DATE	03-20
DATE	03-20
DATE	03-20



General	
Charging Power	16 Amp (1.9kW max)
Product Dimensions	11" L x 4" W x 3" D
Product Weight	5.2 lbs.
Installation	Hardwired (3 foot service whip provided)
Supply Circuit	Dedicated 120V, 20A
Warranty	3 years
Charge Cable Length	25 feet
Vehicle Connector Type	Lockable SAE J1772
Accessories Included	SAE J1772 Connector Holster (wall mount); Connector Lock & Keys
Enclosure	Fully Sealed NEMA 4
Environment Rating	Indoor and Outdoor
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Certifications	ETL, cETL, UL, cUL, ENERGY STAR®
Country of Origin	United States of America

CHARGING STATION DETAIL CLIPPER CREEK ACS-20 16 AMP LEVEL 1 EVSE, 120V, W/ 25' CABLE
SCALE: N.T.S.



MONUMENT SIGN WITH DUAL DT6X DISPLAYS:
N.T.S.
ADDITIONAL DETAILS PROVIDED IN SPECIFICATION PACKAGE



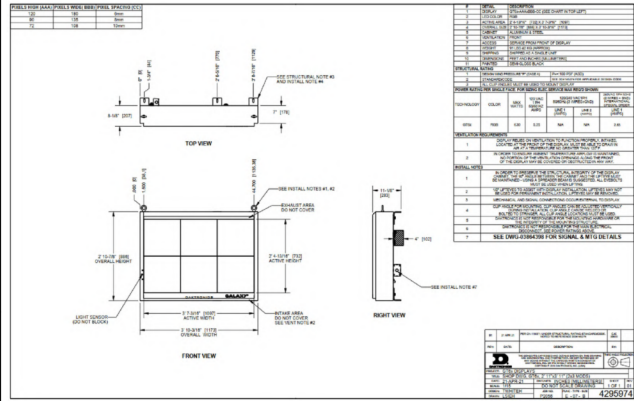
General	
Pedestal Characteristics	Galvanized, powder-coated steel
Product Dimensions	44" L x 10.2" W x 7.5" D
Product Weight	25.6 lbs.
Warranty	1 Year
Environment Rating	INDOOR/OUTDOOR
Compatible Series	LCS, ACS, HCS and TESLA
Country of Origin	United States of America

PEDESTAL DETAIL: PROMOUNT DUO UNIVERSAL PEDESTAL FOR TESLA/CLIPPERCREEK EVSE
SCALE: N.T.S.



*SIGNAGE, STRIPING, MARKINGS, STALL PAINT COLOR, WHEEL STOP, ETC., SHALL MATCH EV CHARGING STATIONS IN ECONOMY LOT 3

EV CHARGING STATION SIGNAGE
SCALE: N.T.S.



DAKTRONICS DT6X DISPLAY
SCALE: N.T.S.

NO.	DATE	DESCRIPTION
1	03-20	ISSUED FOR CONSTRUCTION BIDDING

REVISIONS	BY	DATE
1	CSJ	03-20
2	BH	03-20