

PENSACOLA
DIAL 311 FOR CITY SERVICES

**222 WEST MAIN STREET
ENSACOLA, FLORIDA 32502
(850) 436-5670**

COUNCIL MEMBERS

ROMANA ST

MAIN ST

BAYFRONT PKWY

PROJECT LOCATION

PENSACOLA BAY

ATKINS

**GOVERNING STANDARDS & SPECIFICATIONS (WHERE APPLICABLE):
FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS
FISCAL YEAR 2014, AND STANDARD SPECIFICATIONS FOR ROAD
AND BRIDGE CONSTRUCTION DATED 2013, AS AMENDED BY CONTRACT
DOCUMENTS, FLORIDA BUILDING CODE DATED 2010.**

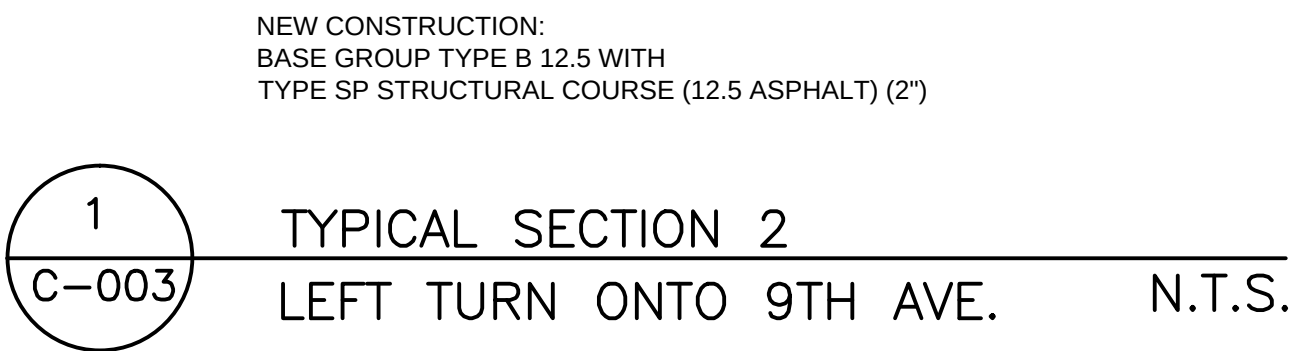
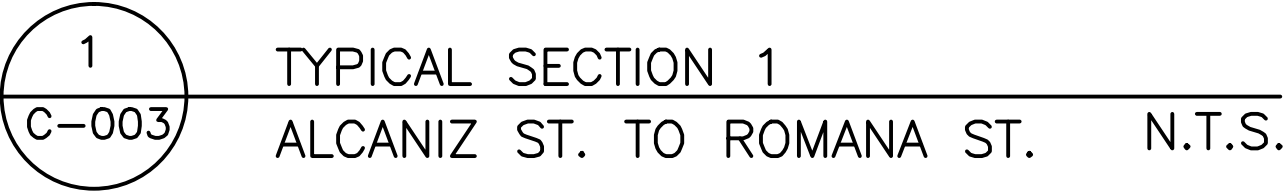
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BAYWALK - 100033888

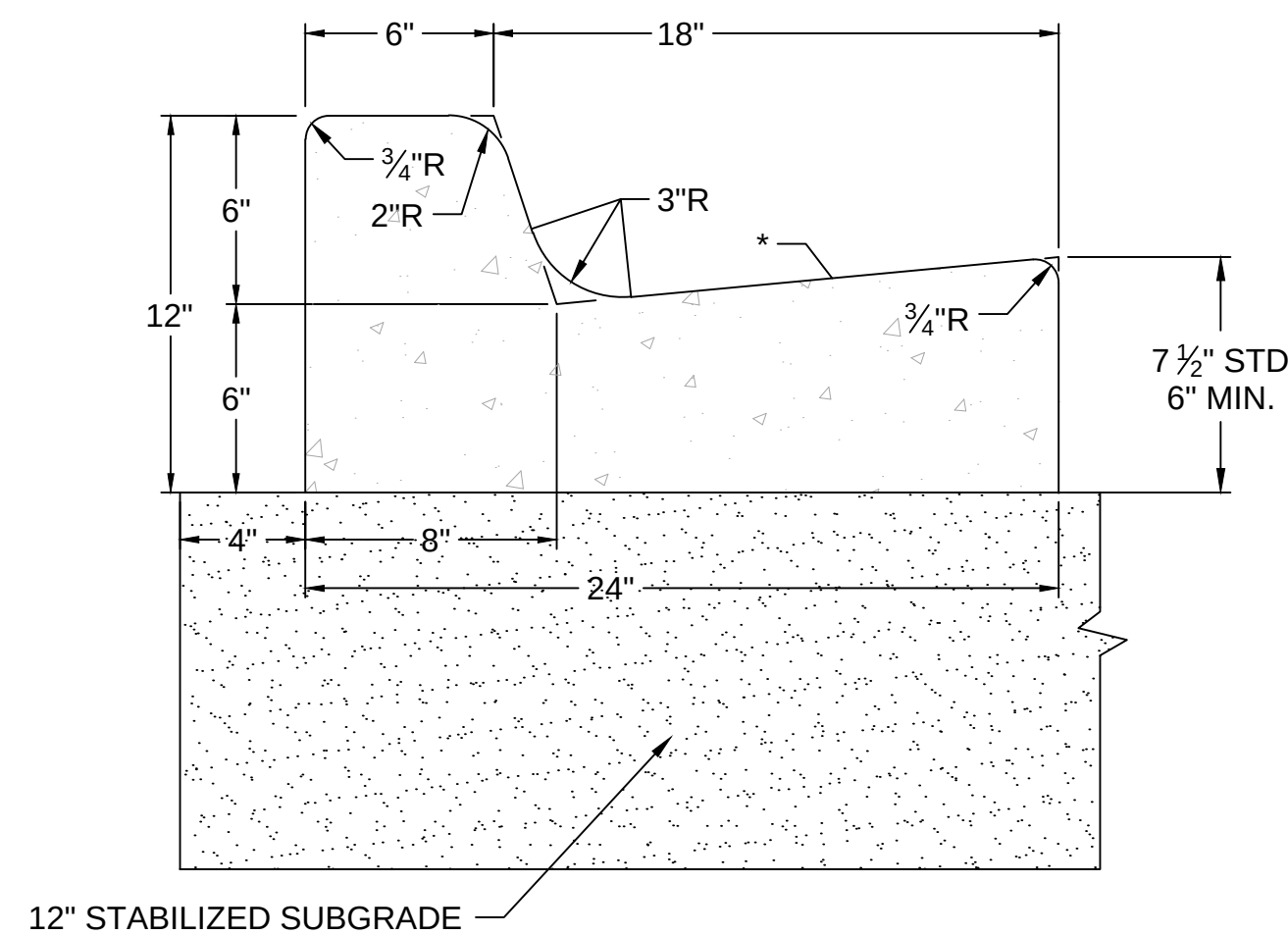
ENGINEER OF RECORD	
JASON T. RIPLEY FL PE NO. 68328	
DRAWN BY:	ZWS
DESIGNED BY:	DMH
CHECKED BY:	GSA
APPROVED BY:	JCH
PROJECT NUMBER	100033888
DRAWING NUMBER	C-000

GENERAL NOTES:		EROSION NOTES:		AS-BUILT NOTES:	
1. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DURING ALL CONSTRUCTION ACTIVITIES PER THE CURRENT PUBLICATION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). 2. CONTRACTOR WILL STAKE THE LIMITS OF CONSTRUCTION ON THE PROJECT SITE PRIOR TO CONSTRUCTION, AND WILL NOT PERFORM ANY CONSTRUCTION ACTIVITIES OUTSIDE THE LIMITS OF CONSTRUCTION INCLUDING CLEARING AND GRUBBING, EXCAVATION, OR THE STORAGE OF EQUIPMENT. 3. EROSION AND SEDIMENTATION CONTROLS SHALL BE PLACED PRIOR TO DEMOLITION AND EXCAVATION. THESE DEVICES SHALL BE MAINTAINED DURING THE ENTIRE DURATION OF CONSTRUCTION. 4. AT THE PRE CONSTRUCTION MEETING THE CONTRACTOR SHALL DESIGNATE A REPRESENTATIVE WHO SHALL BE CAPABLE OF BEING REACHED 24 HOURS A DAY, 7 DAYS A WEEK. 5. HORIZONTAL AND VERTICAL BENCHMARKS AS SHOWN ON THE PLANS HAVE BEEN PROVIDED FOR THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE BENCHMARKS THROUGHOUT THE DURATION OF CONSTRUCTION. 6. UPON COMPLETION OF THIS PROJECT CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "AS-BUILT" DRAWINGS OF ALL SITE IMPROVEMENTS INCLUDING HORIZONTAL AND VERTICAL (DEPTH OF COVER) ALL UTILITY LOCATIONS AND STORM AS-BUILTS AS FURTHER HEREIN NOTED. THE AS-BUILT DRAWINGS SHALL BE PREPARED, SIGNED, AND SEALED IN THE FORM OF AN AS-BUILT SURVEY BY A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF FLORIDA. FIVE SIGNED AND SEALED PAPER COPIES AND ONE AUTOCAD ELECTRONIC COPY OF THE AS-BUILT SURVEY SHALL BE PROVIDED TO THE ENGINEER FOR USE IN CERTIFICATION(S) TO THE APPLICABLE PERMIT AGENCIES. 7. THE ENGINEER CAN PROVIDE THE FINAL APPROVED CADD FILES OF CONSTRUCTION PLANS TO CONTRACTOR FOR HORIZONTAL GEOMETRY LAYOUT AND CONSTRUCTION STAKING. 8. CONTRACTOR SHALL NOT ALLOW CONSTRUCTION TRAFFIC TO ADVERSELY IMPACT PUBLIC ROADS BY CREATING OR DEPOSITING DUST/DIRT/ROCKS OR OTHER MATERIALS NOR BY CREATING ANY HAZARD TO THE PUBLIC. CONTRACTOR SHALL IMMEDIATELY RECTIFY ANY ADVERSE CONDITIONS ON OR NEAR PUBLIC ROADWAYS INCLUDING BUT NOT LIMITED TO PROVIDING MAINTENANCE OF TRAFFIC, REMOVING AND LAWFULLY DISPOSING OF DEPOSITED/SPILLED/WASTE MATERIALS, AND REPAIRING ANY DAMAGE CAUSED BY HIS ACTIONS. 9. PRIOR TO INITIATING CONSTRUCTION THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE TO THE OWNER. THE OWNER WILL RELY UPON THE CONTRACTORS SCHEDULE FOR NOTIFICATIONS AS REQUIRED BY PERMIT CONDITIONS. THE OWNER WILL BE RESPONSIBLE FOR PROVIDING CONSTRUCTION COMMENCEMENT NOTIFICATION AND FINAL "AS-BUILT" CERTIFICATIONS TO THE PERMIT AGENCIES. 10. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF PENSACOLA'S LATEST STANDARD SPECIFICATIONS AND DETAILS AND CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION RULES AND REGULATIONS. 11. CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC (MOT) AND PEDESTRIANS IN A SAFE MANNER FOR THE DURATION OF CONSTRUCTION. MAINTENANCE OF VEHICLES AND PEDESTRIANS FOR GENERAL CONSTRUCTION SHALL BE APPROVED BY THE CITY. 12. THE CONTRACTOR SHALL NOTIFY PENSACOLA CITY ENGINEER AND PORT OF PENSACOLA PORT DIRECTOR 2 WEEKS PRIOR TO CONSTRUCTION. 13. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE CITY, PERMIT AGENCIES, AND PORT OF PENSACOLA SHALL BE COMPLIED WITH IN EVERY DETAIL. 14. THE LOCATIONS SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. 15. ANY BUILDINGS, SEAWALLS, DOCKS, ROADS AND ANY OTHER ITEMS NOT PART OF THE PLANS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE REPAIRED OR RECONSTRUCTED AS DIRECTED BY THE CITY ENGINEER OR PORT OF PENSACOLA PORT DIRECTOR. 16. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING EROSION CONTROL DEVICES AS REQUIRED BY FDOT INDEX 102, THE FLORIDA STORM WATER, EROSION, AND SEDIMENT CONTROL INSPECTORS MANUAL LATEST EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED SO AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE. 17. ANY NECESSARY CONSTRUCTION, BUILDING, AND ELECTRICAL PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. CITY ENGINEER WILL OBTAIN THE REQUIRED STORMWATER AND WETLAND PERMIT. 18. THE CONTRACTOR SHALL OBTAIN ANY DEWATERING PERMITS NECESSARY FOR THIS PROJECT. 19. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION. 20. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL NOT BE REMOVED UNLESS OTHERWISE NOTED IN PLANS. 21. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD ELECTRIC LINES AND UNDERGROUND UTILITIES. 22. ALL CONSTRUCTION SHALL COMPLY WITH THE CITY TECHNICAL AND FDOT STANDARD SPECIFICATIONS, LATEST EDITION, AND APPLICABLE BUILDING CODES. 23. ALL MATERIAL, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE CITY OF PENSACOLA AND FDOT SPECIFICATIONS, LATEST EDITION. 24. CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. AND ARMY CORP. OF ENGINEERS REQUIREMENTS. 25. VEGETATION WITHIN THE PROJECT AREA SHALL BE RESTORED TO ORIGINAL CONDITION VIA SODDING OF SLOPES, UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS. 26. EXISTING UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION UNLESS SHOWN OTHERWISE. 27. ALL FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, DIVISION OF STATE LANDS, BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTATION SHALL BE PROTECTED AT ALL TIMES. ANY DISTURBANCE TO SAID MONUMENTS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE WITH NO COMPENSATION FROM THE CITY. 28. UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 2 BUSINESS DAYS PRIOR TO ANY CONSTRUCTION BY CALLING SUNSHINE STATE ONE CALL 811 OR 800-432-4770 SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES. KNOWN UTILITIES OWNERS INCLUDE: BRANDON KNIGHT SANITARY SEWER / WATER - EMERALD COAST UTILITY AUTHORITY 9300 STURDEVANT BLVD. PENSACOLA, FL. 32514 PH: (850) 969-6650 CHAD SWAILS ELECTRIC - GULF POWER ONE ENERGY PLACE PENSACOLA, FL. 32514 PH: (850) 429-2446 GLEN BAILY NATURAL GAS - PENSACOLA ENERGY 1625 ATWOOD DRIVE PENSACOLA, FL. 32501 PH: (850) 324-8004 STAN WRIGHT TELEPHONE: - AT&T FLORIDA 605 WEST GARDEN STREET PENSACOLA, FL. 32501 PH: (850) 436-1488 TROY YOUNG CABLE - COX COMMUNICATION 3405 MCLEMORE DRIVE PENSACOLA, FL. 32514 PH: (850) 232-5044		1. CONTRACTOR SHALL CONDUCT SITE OPERATIONS IN A MANNER THAT DOES NOT CAUSE OR ALLOW OFFSITE TRANSPORT OF SEDIMENT. 2. CONTRACTOR SHALL PERFORM CLEARING, EXCAVATION, AND EMBANKMENT OPERATIONS IN A MANNER THAT PREVENTS EROSION AND SEDIMENT TRANSPORT, WHETHER BY PHASING CONSTRUCTION AND/OR STRUCTURAL METHODS. 3. WHERE STRAW BALE BARRIERS ARE USED, CONTRACTOR SHALL TIGHTLY ABUT AND CHINK BETWEEN BALES WITH LOOSE STRAW AND SHALL EMBED BALES 4" (MIN.) INTO THE SOIL TO ENSURE THAT STORM RUNOFF DOES NOT BYPASS THE STRAW BALE BARRIER. 4. CONTRACTOR SHALL INSPECT THE SEDIMENT CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL EVENT OF 1/2" OR MORE. 5. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY SEDIMENT CONTROL MEASURE THAT IS RENDERED DAMAGED OR INEFFECTIVE BY NORMAL USE OR EXTREME RAINFALL EVENTS. 6. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS. 7. CONTRACTOR SHALL SOD, GRASS, OR OTHERWISE STABILIZE ALL DISTURBED AREAS AS SOON AS PRACTICAL FOLLOWING GRADING OPERATIONS. 8. REFER TO S.W.P.P.P. NOTES FOR MORE RESTRICTIVE EROSION CONTROL REQUIREMENTS. PERMITS 1. IF REQUIRED, CONTRACTOR SHALL OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR CONSTRUCTION ACTIVITIES AND SHALL ABIDE BY NPDES PERMIT CONDITIONS. CONTRACTOR MAY UTILIZE THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDED IN THESE PLANS OR PROVIDE HIS OWN SWPPP FOR NPDES PERMITTING. 2. COST, INCLUDING ANY FEES, FOR OBTAINING AN NPDES PERMIT AND/OR OTHER PERMITS NOT PROVIDED BY OWNER AND FOR ABIDING BY ALL PERMIT CONDITIONS SHALL BE BORNE BY THE CONTRACTOR. PEDESTRIAN FACILITY NOTES 1. PROVIDE A CURB RAMP WHEREVER AN ACCESSIBLE ROUTE CROSSES (PENETRATES) A CURB. HAND RAILS ARE NOT REQUIRED ON CURB RAMPS. 2. SLOPED PORTIONS OF CURB RAMPS SHALL HAVE A NON-SLIP SURFACE FINISH. 3. CURB RAMPS SHALL HAVE DETECTABLE WARNING STRIPS CONSTRUCTED OF BRICK PAVERS WITH TRUNCATED DOMES MEETING STATE OF FLORIDA ADA GUIDELINES. 4. DETECTABLE STRIPS SHALL BE AT LEAST 24" WIDE IN THE DIRECTION OF PEDESTRIAN TRAVEL, SHALL BE THE FULL WIDTH OF THE CURB RAMP OR LANDING, SHALL BE A CONTRASTING COLOR, AND SLIP RESISTANT. 5. DETECTABLE STRIPS SHALL BE LOCATED SO THAT THE EDGE NEAREST TO THE CURB SHALL BE 6" TO 10" FROM THE EXTENSION OF THE FACE OF CURB. DETECTABLE STRIPS SHALL CURVE ALONG THE CORNER RADIUS WHERE ON A RADIUS. 6. PROVIDE A SMOOTH TRANSITION WHERE RAMPS CONNECT TO THE STREET. 7. MAXIMUM CROSS SLOPE FOR ANY PEDESTRIAN FACILITY IS 2.0%. 8. MAXIMUM LONGITUDINAL SLOPE FOR ANY ACCESSIBLE ROUTE IS 1:20 UNLESS A RAMP IS PROVIDED. 9. MAXIMUM RAMP SLOPES SHALL BE 1:12. 10. MAXIMUM LANDING SLOPE IN ANY DIRECTION IS 2.0%. 11. SLOPES ARE THE MAXIMUM ALLOWABLE. USE THE LEAST POSSIBLE SLOPE THAT WILL STILL DRAIN PROPERLY. ADJUST CURB RAMP LENGTH OR GRADE OF APPROACH SIDEWALKS OR LANDINGS AS REQUIRED. 12. CROSSWALK DIMENSIONS SHALL COMPLY WITH FDOT STANDARD INDEX 330. 13. DETECTABLE WARNING STRIPS SHALL BE CONSTRUCTED USING PAVESTONE RIVER RED ADA COMPLIANT PAVERS, OR EQUIVALENT, IN A JACK ON JACK PATTERN PERPENDICULAR TO THE CURB. INSTALL PER MANUFACTURER'S INSTRUCTIONS. 14. SIGNS IN PEDESTRIAN TRAVEL AREAS SHALL BE 7' FROM ADJACENT GRADE TO THE BOTTOM OF THE LOWEST SIGN. UTILITY NOTES 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY WHETHER ANY UTILITIES ARE IN THE VICINITY OF THE PROJECT AND THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND PROVIDE FOR PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY SUNSHINE ONE, CALL (1-800-432-4770), 2 BUSINESS DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.		1. THE CONTRACTOR SHALL PROVIDE TO THE CITY OF PENSACOLA AS-BUILT RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY CITY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND PROVIDING AS-BUILT CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE AS-BUILT RECORD DRAWINGS SHALL BE CLEARLY LABELED AS "AS-BUILT" OR "RECORD" DRAWING AND SHOW BOTH THE ORIGINAL DESIGN AND CONSTRUCTED CONDITION. ALL SURVEYED DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED AND SIGNED, DATED, AND SEALED BY A REGISTERED PROFESSIONAL SURVEYOR. SEE STORMWATER PERMIT DOCUMENTATION FOR FURTHER CONTRACTOR REQUIREMENTS. 2. THE CONTRACTOR SHALL ARRANGE/SCHEDULE WITH THE CITY OF PENSACOLA A FINAL INSPECTION OF THE PROJECT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO THE REQUEST FOR FINAL INSPECTION/APPROVAL. 3. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION. 4. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND CITY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A PROJECT ACCEPTANCE. MINIMUM REQUIRED STORM AS-BUILTS FOLLOWING IS A LIST OF INFORMATION THAT IS TO BE VERIFIED AND SUBMITTED BY THE CONTRACTOR IN SUPPORT OF THE STORMWATER "AS-BUILT" CERTIFICATION AS-BUILT DRAWINGS ARE TO BE BASED ON THE CONSTRUCTION DRAWINGS PERMITTED BY THE FDEP, NWFWM, OR	

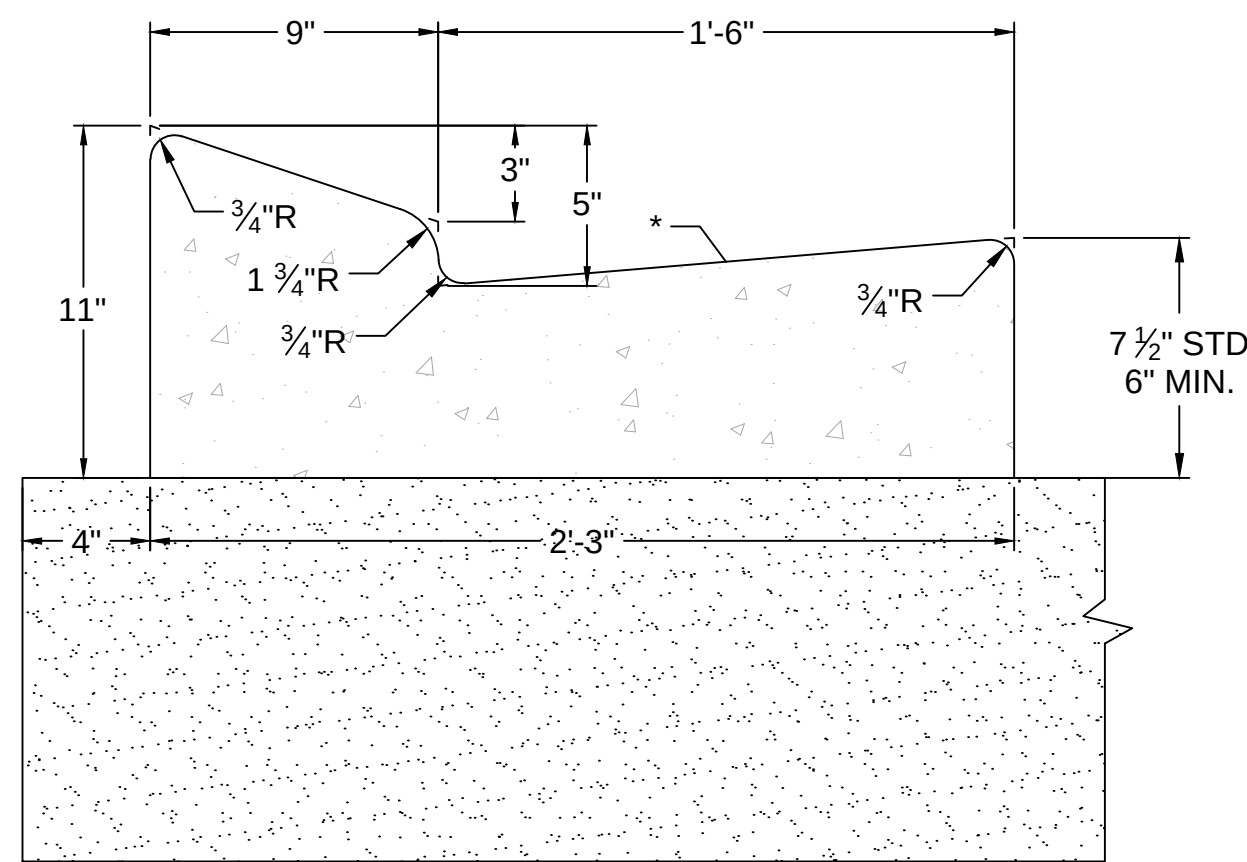


RESURFACING: TYPE SP STRUCTURAL COURSE (12.5 ASPHALT) (1")

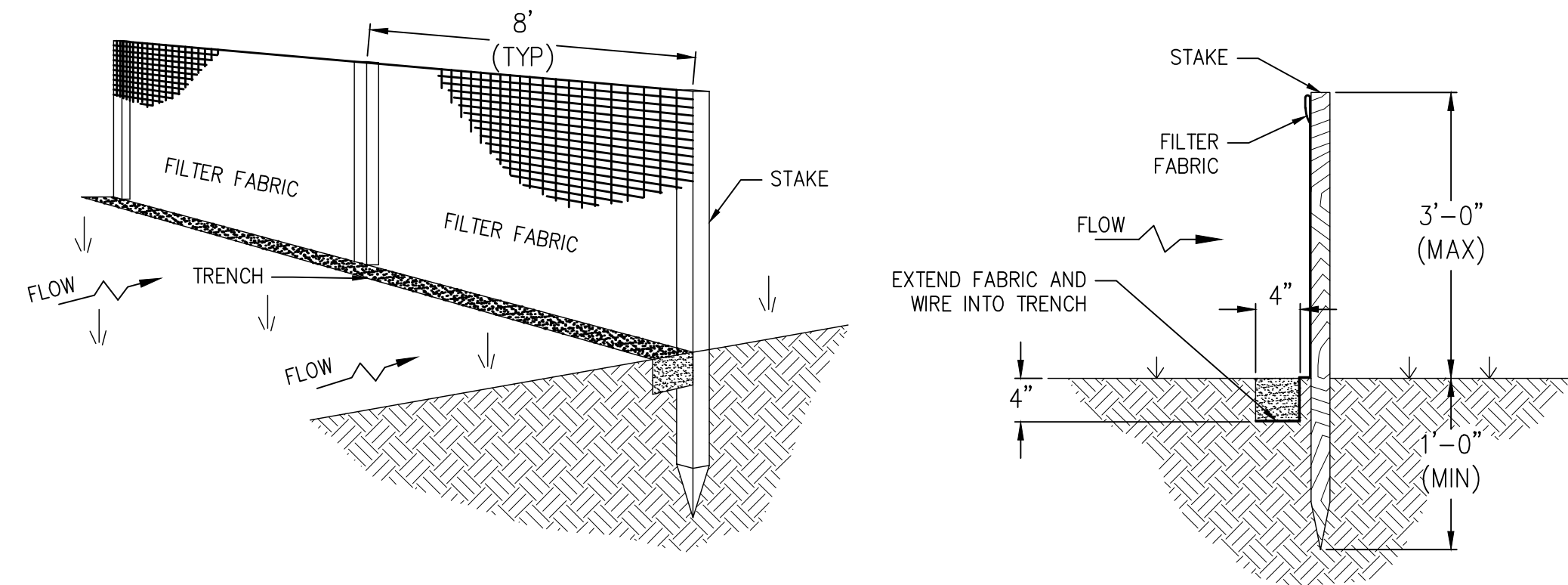
ATKINS 2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24 BAYWALK ROADWAY TYPICAL SECTIONS		NUMBER	REVISIONS	DATE	APPROVED BY
LEGEND & REVISION RECORD OF RECORD					
JASON T. RIPLEY FL PE NG 68328					
DRAWN BY:		ZWS			
DESIGNED BY:		DMH			
CHECKED BY:		GSA			
APPROVED BY:		JCH			
PROJECT NUMBER		100033888			
DRAWING NUMBER		C-003			



FDOT TYPE "F" CURB



FDOT TYPE "E" CURB



NOTES:

1. SET THE POSTS AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. STAPLE WIRE FENCING TO THE POSTS.
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.
5. ALTERNATIVELY, EXCAVATE 4"x4" TRENCH, INSTALL PRE-ASSEMBLED SILT FENCE/POST AND BACKFILL TRENCH.

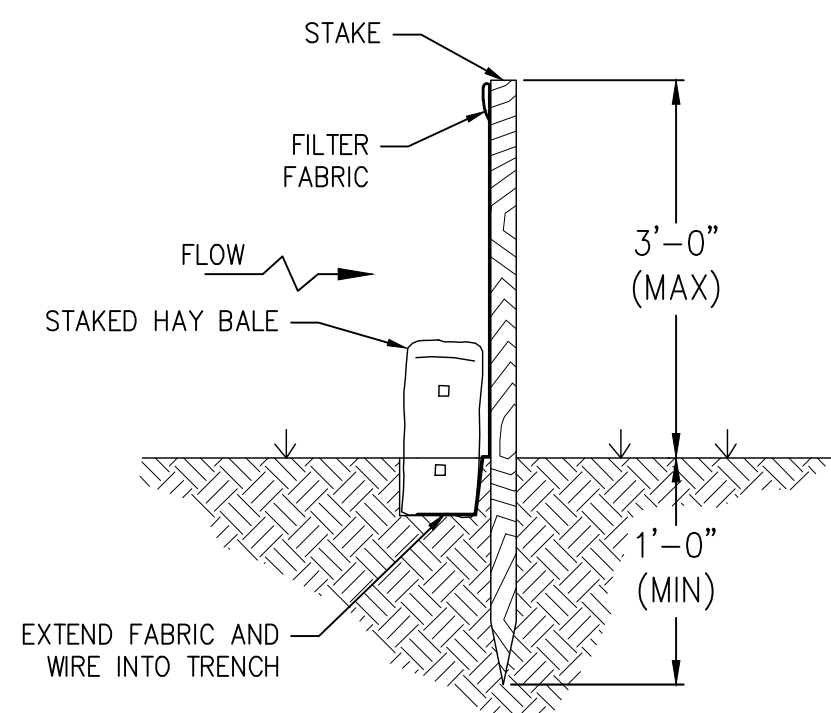
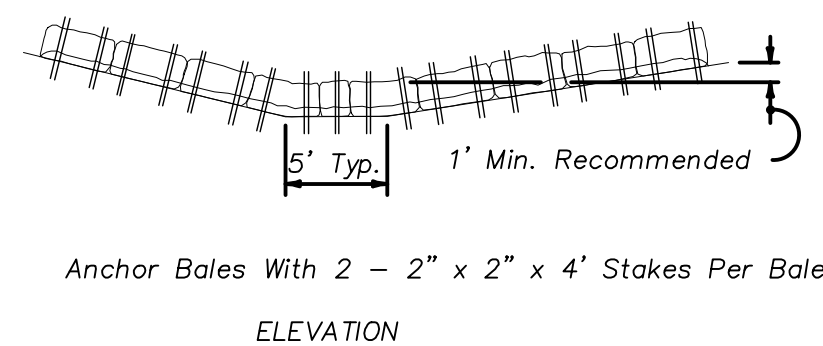
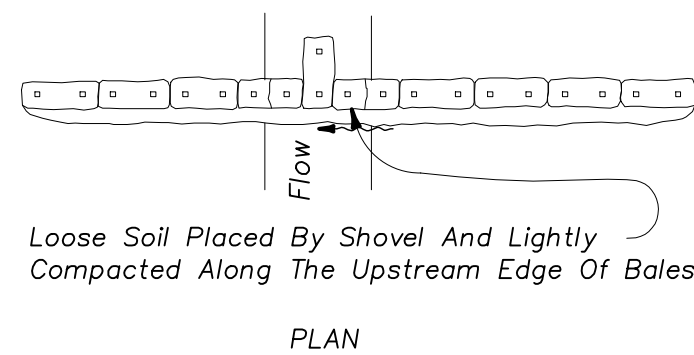
SILT FENCE
(FDOT INDEX #102)
NTS

NTS

SHEET FLOW APPLICATION: SILT FENCE

GENERAL NOTES

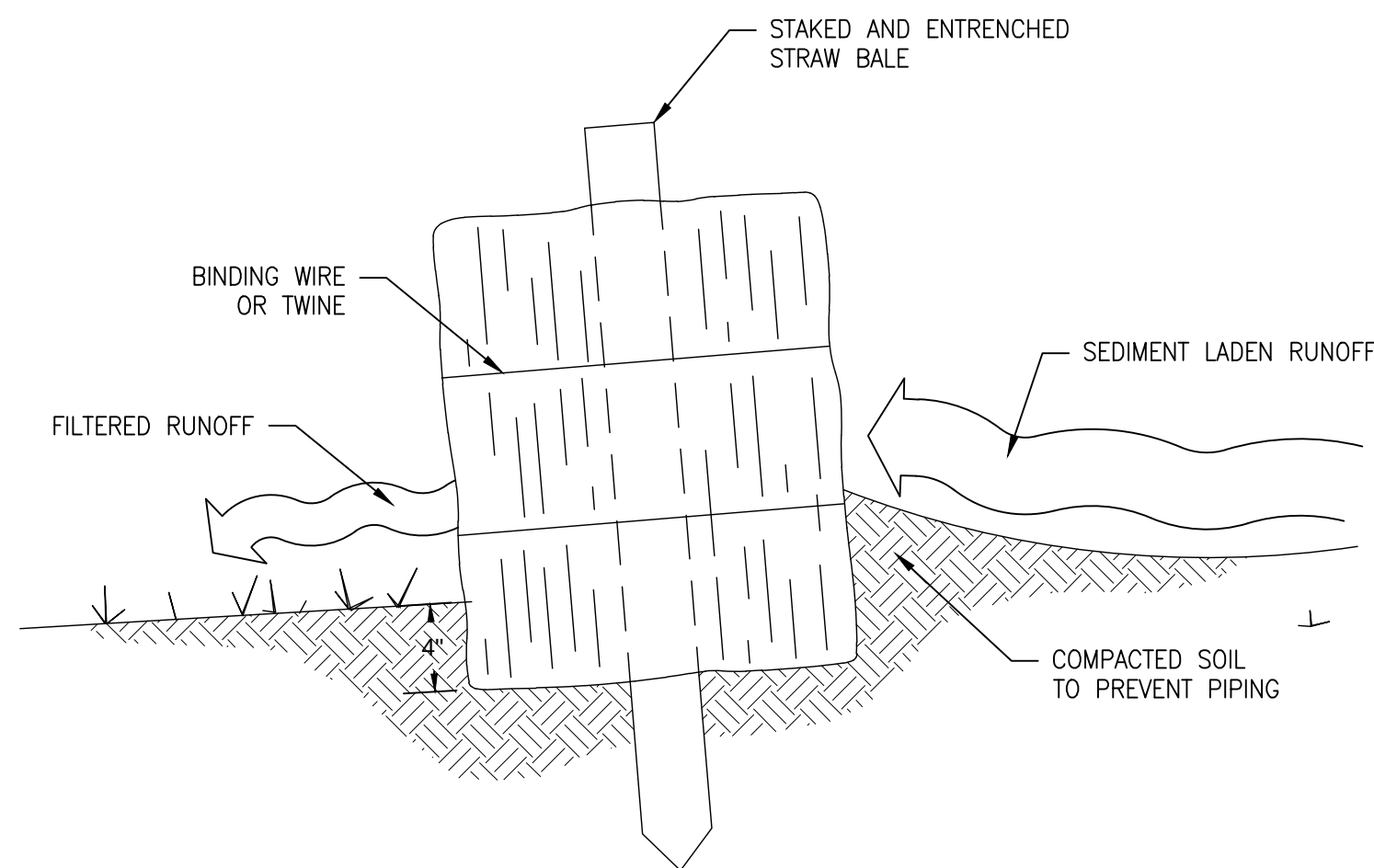
1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES. HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED AS DESCRIBED IN ITEM NO. 8 BELOW.
3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES, OR HOC RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
7. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
8. WHEN ATTACHING TWO SILT FENCES TOGETHER, PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS AT LEAST 180 DEGREES ON A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FILTER FABRIC. DRIVE BOTH POSTS INTO THE GROUND AND BURY THE FLAP.
9. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
10. THE MOST EFFECTIVE APPLICATION CONSISTS OF A DOUBLE ROW OF SILT FENCES SPACED A MINIMUM OF 3 FEET APART. THE 3-FOOT SEPARATION IS SO THAT IF THE FIRST ROW COLLAPSES, IT WILL NOT FALL ON THE SECOND ROW. WIRE OR SYNTHETIC MESH MAY BE USED TO REINFORCE THE FIRST ROW.
11. WHEN USED TO CONTROL SEDIMENTS FROM A STEEP SLOPE, SILT FENCES SHOULD BE PLACED AWAY FROM THE TOE OF THE SLOPE FOR INCREASED HOLDING CAPACITY.
12. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
13. CONTRACTOR MAY SUBSTITUTE SILT FENCE WITH STRAW BALE IN LIEU OF DOUBLE SILT FENCE
14. CONTRACTOR MAY SUBSTITUTE SYNTHETIC BALES FOR STRAW BALES.
15. SILT FENCE LOCATIONS ARE SHOWN ON THIS SHEET.



NOTE: CONTRACTOR MAY SUBSTITUTE SYNTHETIC BALES FOR STRAW BALES

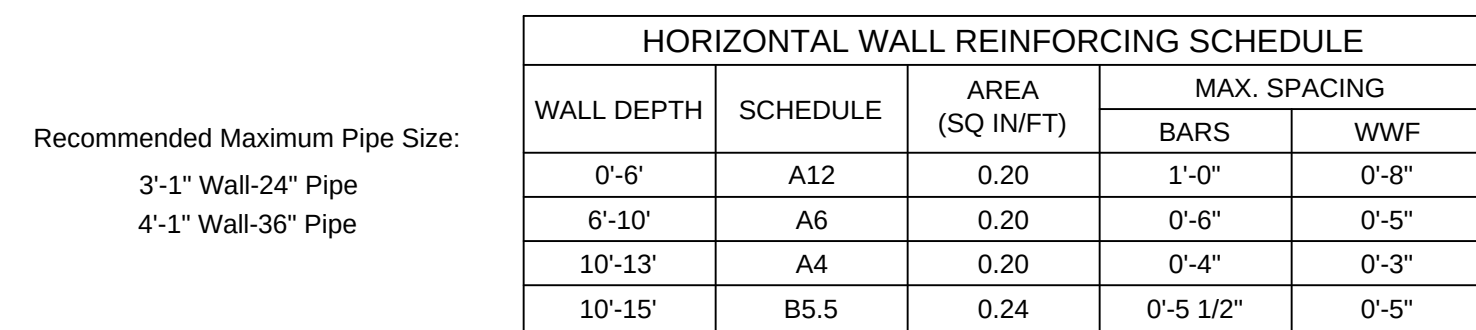
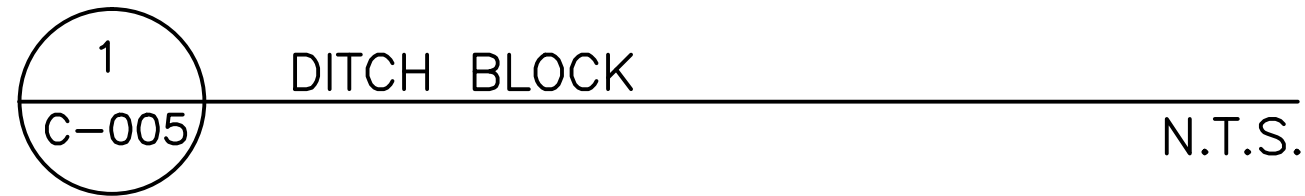
SILT FENCE W/ STRAW BALE
NTS

NTS



TYPE 1 HAY BALE BARRIER FOR UNPAVED DITCH
(FDOT INDEX #102)

(FDOT INDEX #102)



4
C-005

FDOT TYPE "D" INLET

N.T.S.

DRAINAGE STRUCTURE TABLE						
STRUCTURE NO.	STATION	OFFSET	TYPE	INLET / RIM / EOP EL	INVERT	REMARKS
S-01	2+97.03	47.81' (L)	MANHOLE TOP		N/A	REMOVE AND REPLACE INLET TOP W/ MANHOLE ON EX. J-BOTTOM BOX
S-02	4+61.38	42.21' (L)	MANHOLE TOP		N/A	REMOVE AND REPLACE INLET TOP W/ ECCENTRIC MANHOLE ON EX. J-BOTTOM BOX
S-03	4+80	31.0' (L)	TYPE "D" INLET	8.50'	4.00' (FIELD VERIFY)	DOGHOUSE BOX BOTTOM ON EXISTING STORM PIPE
S-04	8+41.02	29.29' (L)	MANHOLE TOP		N/A	REMOVE AND REPLACE INLET TOP W/ ECCENTRIC MANHOLE ON EX. J-BOTTOM BOX
S-05	11+43	24.5' (L)	TYPE "D" INLET	11.50'	4.00' (FIELD VERIFY)	DOGHOUSE BOX BOTTOM ON EXISTING STORM PIPE
S-06	15+64.20	1.76' (L)	MANHOLE TOP		N/A	REMOVE AND REPLACE INLET TOP W/ ECCENTRIC MANHOLE ON EX. J-BOTTOM BOX
S-07	17+60.52	1.90' (L)	MANHOLE TOP	10.48'	N/A	REMOVE AND REPLACE INLET TOP W/ MANHOLE ON EX. J-BOTTOM BOX
S-08	19+51	26.0' (L)	TYPE "D" INLET	8.90'	5.34'	
S-09	19+51.14	2.66' (R)	DOGHOUSE MANHOLE	9.65'	4.80' (FIELD VERIFY)	DOGHOUSE MANHOLE ON EXISTING STORM PIPE
S-10	20+47.34	3.31' (R)	MANHOLE TOP	9.30'	N/A	REMOVE AND REPLACE INLET TOP W/ MANHOLE ON EX. J-BOTTOM BOX
S-11	21+36.60	39.09' (L)	MANHOLE TOP		N/A	ADJUST EXISTING MANHOLE TOP TO PAVEMENT ELEVATION AND CROSS SLOPE
S-12	21+57.75	35.94' (L)	MANHOLE TOP		4.76' (NEW CORE HOLE 18" PIPE)	ADJUST EXISTING MANHOLE TOP TO PAVEMENT ELEVATION AND CROSS SLOPE
S-13	21+64	23.0' (L)	TYPE "D" INLET	9.00'	5.00'	
S-14	22+18.97	29.49' (L)	MANHOLE TOP		N/A	REMOVE AND REPLACE INLET TOP W/ MANHOLE ON EX. J-BOTTOM BOX
S-15	28+64.72	35.97' (L)	MANHOLE TOP		N/A	REMOVE AND REPLACE INLET TOP W/ ECCENTRIC MANHOLE ON EX. J-BOTTOM BOX

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REVISIONS		APPROVED
NUMBER	DATE	

BAYWALK	
DEMOLITION AND EROSION CONTROL PLAN	

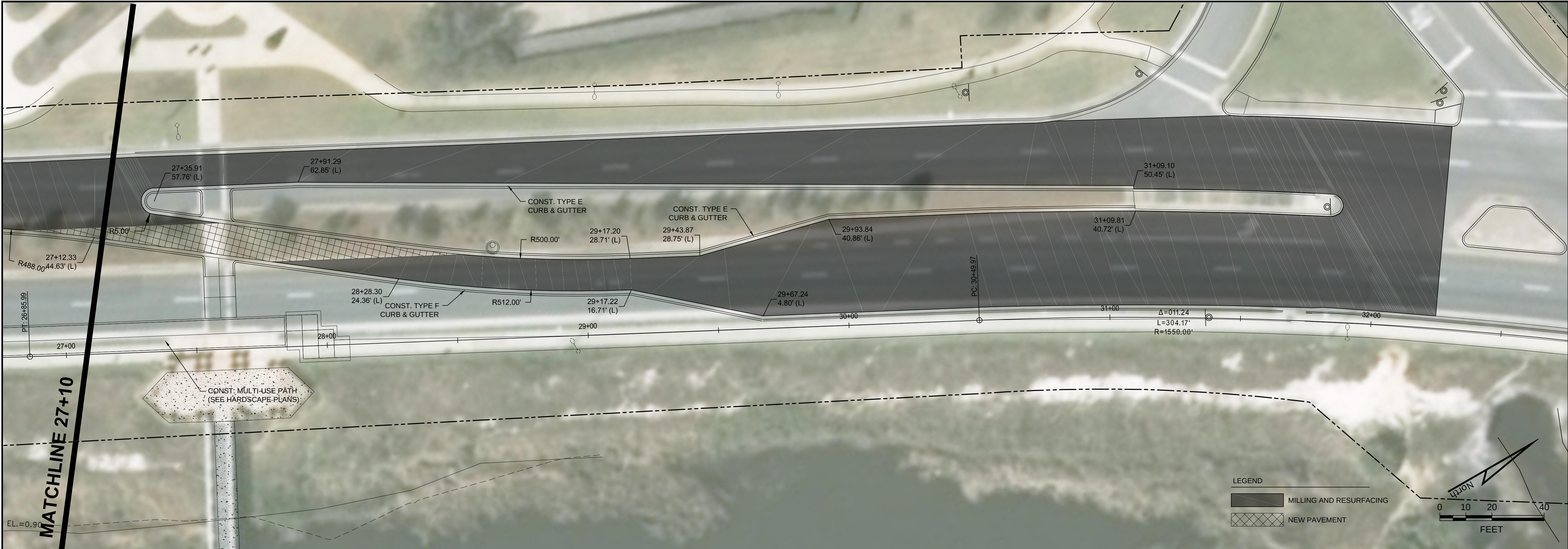
ATKINS	
2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24	

ENGINEER OF RECORD	
JASON T. RIPLEY FL PE NO. 68328	
DRAWN BY:	ZWS
DESIGNED BY:	DMH
CHECKED BY:	GSA
APPROVED BY:	JCH
PROJECT NUMBER	100033888
DRAWING NUMBER	C-053



ATKINS 2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24		BAYWALK ROADWAY PLAN	
ENGINEER OF RECORD JASON T. RIPLEY FL PE NO. 68328		NUMBER	REVISIONS
		DATE	APPROVED BY
DRAWN BY: ZWS DESIGNED BY: DMH CHECKED BY: GSA APPROVED BY: JCH PROJECT NUMBER 100033888 DRAWING NUMBER C-102			

\\City of Pensacola Projects\Pensacola Baywalk\DWGs\Roadway Plan.dwg 12/09/2013 11:32:46 AM User: 16797



REVISIONS		DATE	APPROVED BY
NUMBER			

BAYWALK	
ROADWAY PLAN	

ATKINS 2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24	
ENGINEER OF RECORD	
JASON T. RIPLEY FL PE NO. 68328	
DRAWN BY:	ZWS
DESIGNED BY:	DMH
CHECKED BY:	GSA
APPROVED BY:	JCH
PROJECT NUMBER	100033888
DRAWING NUMBER	C-104

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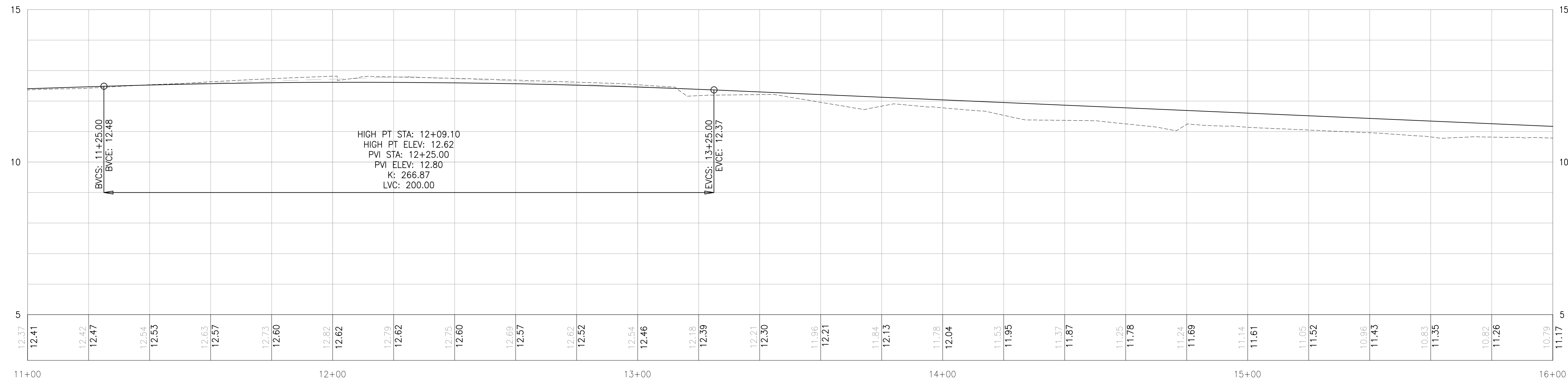
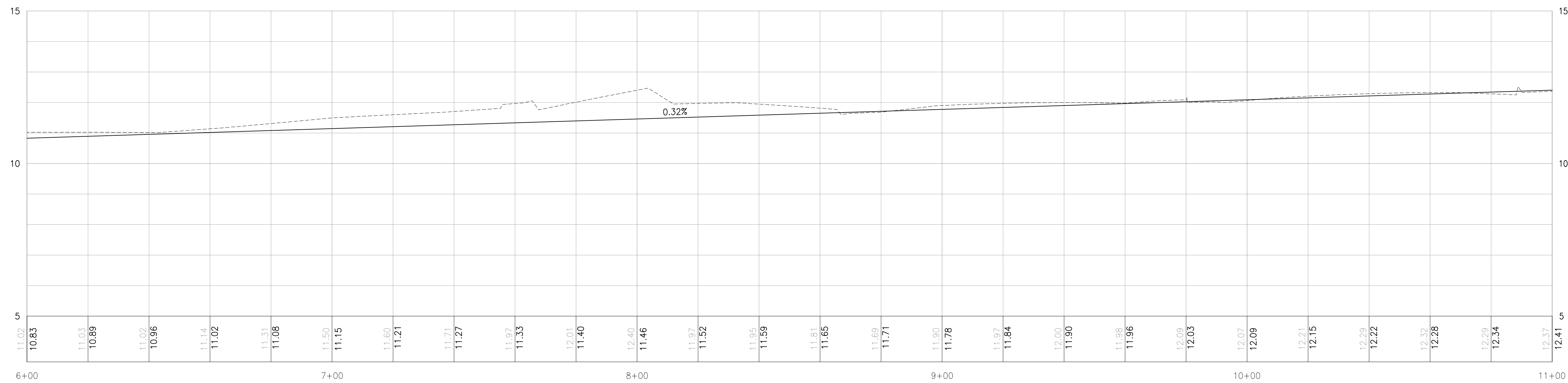
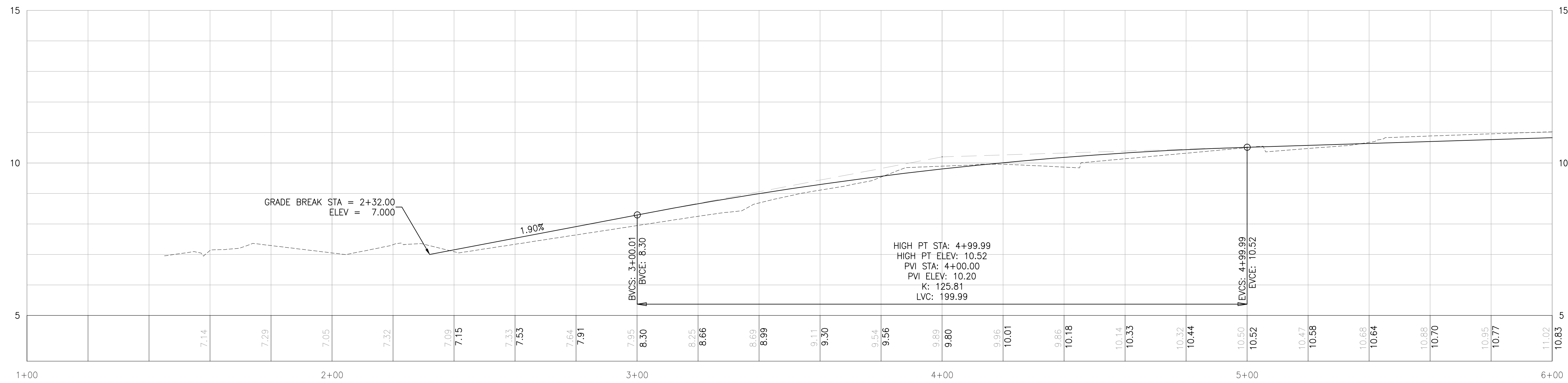


REVISIONS		DATE	APPROVAL
NUMBER			

BAYWALK	
GRADING AND DRAINAGE PLAN	

ATKINS 2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24	
ENGINEER OF RECORD	
JASON T. RIPLEY FL PE NO. 68328	
DRAWN BY:	ZWS
DESIGNED BY:	DMH
CHECKED BY:	GSA
APPROVED BY:	JCH
PROJECT NUMBER	100033888
DRAWING NUMBER	C-204

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VERT: 1"=2'

ATKINS	2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24	BAYWALK	MULTI-USE PATH PROFILE	NUMBER	REVISIONS	DATE	APPROVED BY
ENGINEER OF RECORD							
JASON T. RIPLEY FL PE NO. 66328							
DRAWN BY: ZWS							
DESIGNED BY: DMH							
CHECKED BY: GSA							
APPROVED BY: JCH							
PROJECT NUMBER 100033888							
DRAWING NUMBER C-250							

MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. CONTRACTOR SHALL SUPPLY MAINTENANCE OF TRAFFIC PLANS (TO BE APPROVED BY THE CITY) IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARD INDEX NOS. 600 - 670, THE CURRENT EDITION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
2. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR ANY PROPOSED DETOURS.
3. ANY ADDITIONAL INTERRUPTIONS TO NORMAL TRAFFIC PATTERNS, WHICH ARE NOT SHOWN IN THE TRAFFIC CONTROL PLAN, BUT ARE NECESSARY TO CONSTRUCT THE PROJECT SHALL BE SUBMITTED IN WRITING TO THE CITY ENGINEER AND APPROVAL SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF WORK. SUBMITTAL ATERIAL SHALL INCLUDE SKETCHES, CALCULATIONS, AND OTHER DATA AND SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER.
4. CONFLICTING OR MISLEADING PAVEMENT MARKINGS SHALL BE REMOVED BY WATER BLASTING OR OTHER METHODS APPROVED BY THE CITY ENGINEER. ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION, WHICH ARE ALTERED SHALL BE REPLACED UPON COMPLETION OF THE PROJECT. ALL COST SHALL BE INCLUDED IN THE BID PRICE FOR MAINTENANCE OF TRAFFIC. REMOVAL OF EXISTING PAVEMENT MARKINGS AND APPLICATION OF REMOVABLE OR TEMPORARY PAVEMENT MARKINGS SHALL BE COMPLETED IN ACCORDANCE WITH INDEX NO. 600.
5. CONFLICTING OR MISLEADING SIGNAGE SHALL BE REMOVED OR COVERED FOR THE DURATION OF CONSTRUCTION OR UNTIL THE CONFLICT NO LONGER EXISTS.
6. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE CITY ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATION DEVICES SHOWN IN THE PLANS. THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE CITY ENGINEER WITHOUT DELAY UNDER THESE CONDITIONS. THE CONTRACTOR SHALL ALSO RESPOND WITHIN TIME CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE CITY ENGINEER TO ANY REQUESTS FOR CORRECTION, IMPROVEMENT OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES. PAYMENT FOR THIS SERVICE SHALL BE INCLUDED UNDER PAY ITEM 102-1.
7. ACCESS TO ALL SIDE ROADS AND DRIVEWAYS WILL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
8. CONTRACTOR SHALL MAINTAIN AND KEEP SIDE ROAD NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
9. CONTRACTOR SHALL COORDINATE ACTIVITIES WITH CONCURRENT CONSTRUCTION SO AS NOT TO INTERFERE WITH TRUCK TRAFFIC OR COINCIDING CONSTRUCTION EFFORTS AT MARITIME PARK. IT IS RECOMMENDED THAT WEEKLY CONSTRUCTION COORDINATION MEETINGS BE CONDUCTED BETWEEN THE MARITIME PARK CONTRACTOR AND THE MAIN STREET CONTRACTOR TO ENCOURAGE COMMUNICATION AND SYNCHRONIZE CONSTRUCTION EFFORTS.
10. PEDESTRIAN ACCESS WILL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. PROPER SIGNAGE WILL NEED TO BE USED.
11. ALL DROP-OFF CONDITIONS WITHIN THE PROJECT LIMITS WILL BE MITIGATED IN ACCORDANCE WITH FDOT STANDARD INDEX 600.

MAINTENANCE OF TRAFFIC PHASING NOTES:

PHASE I

1. INSTALL TRAFFIC CONTROL SIGNAGE FOR BEGIN AND END PROJECT AND SIDE ROADS PER DETAILS. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 611.
2. INSTALL EROSION CONTROL DEVICES PER PLANS. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 612 AND 613.
3. SHIFT TWO WAY TRAFFIC ONTO EXISTING OUTSIDE LANES. INSTALL ANY TEMPORARY TRAFFIC CONTROL DEVICES AND TEMPORARY STRIPING. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 612.
4. CONSTRUCT ALL PROPOSED IMPROVEMENTS WITHIN THE WORK ZONE LIMITS. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 612.

PHASE II

1. INSTALL TRAFFIC CONTROL SIGNAGE FOR BEGIN AND END PROJECT. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 611.
2. SHIFT EAST BOUND TRAFFIC TO SOUTHERN WEST BOUND LANE. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 613.
3. CONSTRUCT ALL PROPOSED IMPROVEMENTS WITHIN WORK ZONE LIMITS. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 613 AND PHASE II TRAFFIC CONTROL DETAILS.
4. PERFORM ANY MILLING AND RESURFACING BETWEEN BARRACKS STREET AND ROMANA STREET PER ROADWAY PLANS. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 602, 603, 604, AND 605.
5. INSTALL ALL REMAINING PROPOSED PAVEMENT MARKINGS AND ROADWAY SIGNAGE. SHIFT TRAFFIC TO NEW ROADWAY. MAINTAIN TRAFFIC ACCORDING TO FDOT STANDARD INDEX 602, 603, 604, AND 605.

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APPROVAL

DATE

REVISIONS

SUBMIT

BAYWALK

TRAFFIC CONTROL NOTES

ATKINS

2114 AIRPORT BLVD., SUITE 1450
PENSACOLA, FLORIDA 32504
PHONE NO. 850.478.9844
CERTIFICATE OF AUTHORIZATION NO. 24

LEGEND
OF RECORD

JASON W. RIPLEY
FL PE NO. 68328

DRAWN BY: ZWS

DESIGNED BY: DMH

CHECKED BY: GSA

APPROVED BY: JCH

PROJECT NUMBER 100033888

DRAWING NUMBER T-100

SEDIMENTATION AND EROSION CONTROL
NOTES FOR DEMOLITION

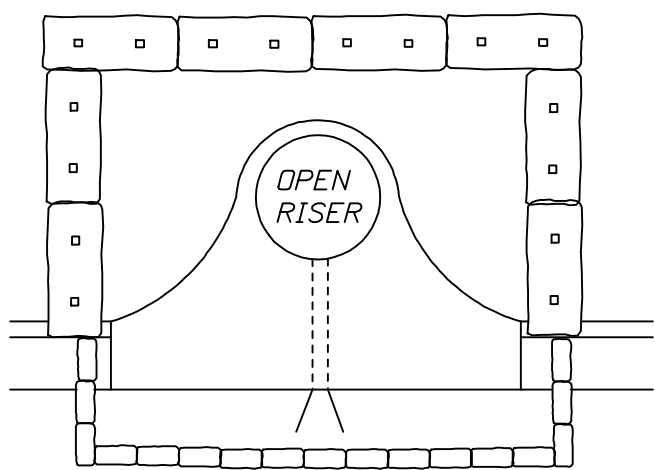
- REFER TO GENERAL CONSTRUCTION NOTES.
- DEMOLITION INCLUDES COMPLETE WRECKING OF STRUCTURES AND THE REMOVAL AND DISPOSAL OF PAVEMENT, STRUCTURES, PIPING.
- MECHANICAL AND ELECTRICAL EQUIPMENT, CONCRETE, STEEL, AND ALL OTHER MISCELLANEOUS MATERIALS AND DEBRIS AS REQUIRED TO PREPARE THE SITE FOR NEW CONSTRUCTION.
- ALL SEDIMENTATION / EROSION CONTROLS MUST BE CONSTRUCTED / IN PLACE PRIOR TO DEMOLITION.
- THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.
- THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL ITEMS OF SALVAGEABLE VALUE. ALL MATERIALS AND ITEMS NOT SALVAGED AND DELIVERED TO THE OWNER SHALL BE REMOVED OFF SITE FOR DISPOSAL IN FULL ACCORDANCE WITH ALL FEDERAL, STATE, COUNTY, AND CITY LAWS, CODES, REGULATIONS, AND ORDINANCES.
- CONTRACTOR SHALL USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR TO THE LOWEST PRACTICAL LEVEL.
- CONTRACTOR SHALL CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS.
- CONTRACTOR SHALL TAKE MEASURES AS MAY BE NECESSARY TO ENSURE THAT DUST, DIRT, OR DEBRIS IS NOT DEPOSITED ON STREET(S) BY HIS DEMOLITION OPERATIONS OR BY TRUCKING OPERATIONS. CONTRACTOR SHALL IMMEDIATELY CLEAN ANY SUCH DUST, DIRT, OR DEBRIS FROM THE ROADWAY(S).
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITY SERVICE LINES AND CAPPING THE LINES AS NEAR AS POSSIBLE TO THE UTILITY MAIN(S) UNLESS OTHERWISE DIRECTED BY THE RESPECTIVE UTILITY PROVIDER. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, REROUTING, UNHOOKING, CAPPING OR BULK HEADING, AND REMOVING AND ABANDONING ALL UTILITIES AS NECESSARY TO COMPLETE THE WORK. CONTRACTOR SHALL COORDINATE ALL UTILITY DEMOLITION OPERATIONS WITH THE APPLICABLE UTILITY OWNER AND LEAVE ALL ABANDONED UTILITY CONNECTIONS AS SPECIFIED BY THE APPLICABLE UTILITY OWNER.
- SOME UNDERGROUND UTILITIES SHOWN MAY BE FROM PREVIOUS DESIGN PLANS OR BASE UTILITY MAPS. ATKINS AND THE OWNER ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

SEDIMENTATION AND EROSION CONTROL
NOTES FOR CONSTRUCTION DURATION

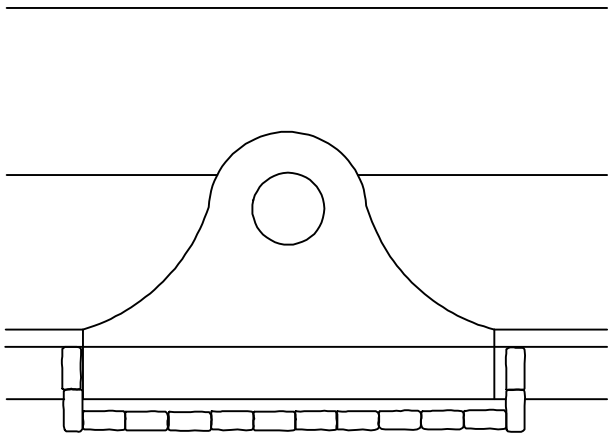
- CONTRACTOR SHALL CONDUCT SITE OPERATIONS IN A MANNER THAT DOES NOT CAUSE OR ALLOW OFFSITE TRANSPORT OF SEDIMENT.
- CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STRAW BALE DROP INLET SEDIMENT FILTERS AND/OR PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-GRATEGUARD GRATE COVER, ULTRA-TECH ULTRA-DRAINGUARD CATCH BASIN INSERT, OR EQUIVALENT) AT ALL INSTALLED STORM INLET BOXES WHERE THE TOP OF BOX IS NOT AT LEAST 10" ABOVE THE NEAREST ADJACENT UNFINISHED GRADE.
- WHERE STRAW BALE BARRIERS ARE USED, CONTRACTOR SHALL TIGHTLY ABUT AND CHINK BETWEEN BALES WITH LOOSE STRAW AND SHALL EMBED BALES 4" INTO THE SOIL TO ENSURE THAT STORM RUNOFF DOES NOT BYPASS THE STRAW BALE BARRIER.
- WHERE PRE-MANUFACTURED PRODUCTS ARE USED, CONTRACTOR SHALL REMOVE AND REPLACE THE COVERS/INSERTS WHEN THEY BECOME CLOGGED.
- CONTRACTOR SHALL INSPECT THE SEDIMENT CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL EVENT OF 1/2" OR MORE.
- CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY SEDIMENT CONTROL MEASURE THAT IS RENDERED DAMAGED OR INEFFECTIVE BY NORMAL USE OR EXTREME RAINFALL EVENTS.
- CONTRACTOR SHALL INSTALL PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-GRATEGUARD GRATE COVER, ULTRA-TECH ULTRA-DRAINGUARD CATCH BASIN INSERT, OR EQUIVALENT) AT ALL INSTALLED STORM INLET BOXES IMMEDIATELY FOLLOWING PAVING FOR ANY INLETS NOT ALREADY EQUIPPED WITH SAME.
- IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
- CONTRACTOR SHALL EITHER SOD OR SPRIG IN ACCORDANCE WITH LANDSCAPE PLAN ALL DISTURBED AREAS AS SOON AS PRACTICAL FOLLOWING GRADING OPERATIONS.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEWATERING IF DEWATERING IS PERFORMED.
- CONTRACTOR SHALL CONTAIN DEWATERING DISCHARGE AND INFILTRATE BACK INTO AN ONSITE INFILTRATION SYSTEM WHERE POSSIBLE.

CONSTRUCTION SEQUENCE NOTES

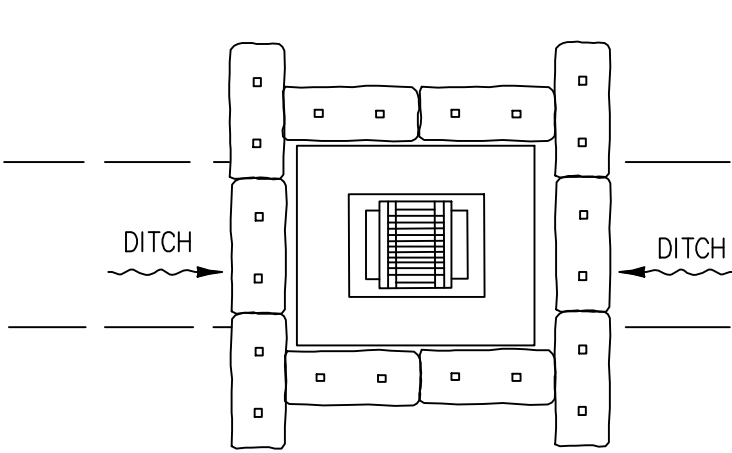
- CITY OF PENSACOLA OR DESIGNEE BY THE CITY WILL BE RESPONSIBLE FOR MONITORING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE CONSTRUCTION NOTIFICATION PRIOR TO INITIATING CONSTRUCTION IN ACCORDANCE WITH ALL PERMIT CONDITIONS AND CITY STANDARDS.
- CONTRACTOR SHALL PLACE ALL SEDIMENT CONTROL PRIOR TO DEMOLITION, AS SHOWN ON SHEET C-051 THROUGH C-054.
- CONTRACTOR SHALL MAINTAIN SEDIMENT CONTROLS DURING DEMOLITION.
- CONSTRUCT ADDITIONAL SEDIMENT CONTROLS AS SHOWN ON SHEET C-051 THROUGH C-054. ALL STORMWATER INLETS TO BE PROTECTED PER DETAIL THIS SHEET.
- CONSTRUCT STORMWATER STRUCTURES AND PIPE RUNS.
- PLACE INLET PROTECTION DEVICES.
- CONTRACTOR SHALL MAINTAIN/ADJUST ALL SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION.
- REMOVE SEDIMENT CONTROL ONLY AFTER SITE IS FULLY STABILIZED.



PARTIAL INLET



COMPLETED INLET



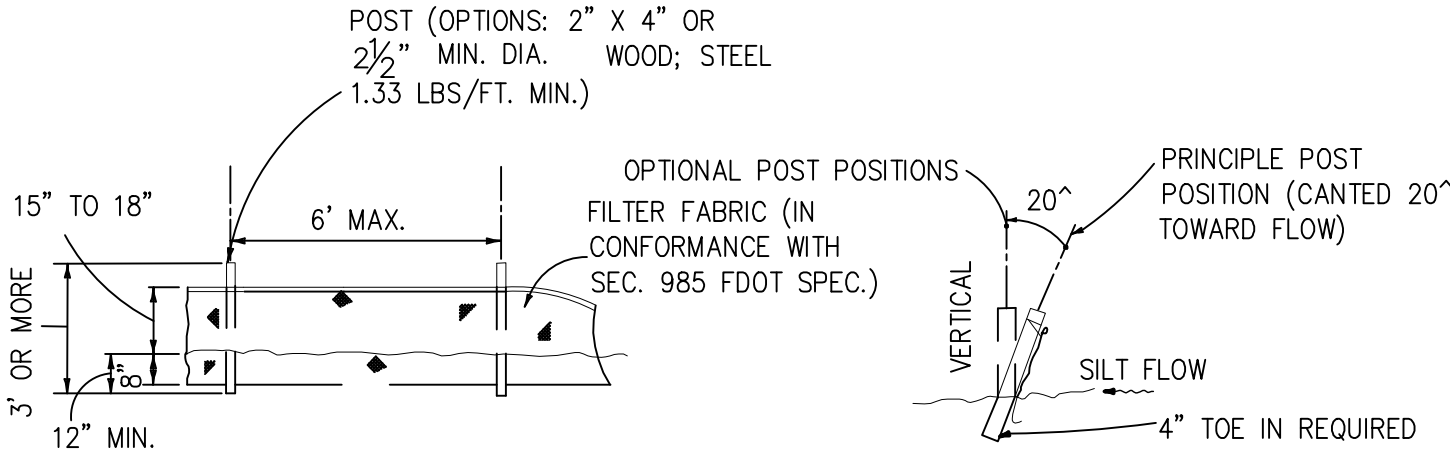
DITCH BOTTOM INLET

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS

- TYPE I AND II SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE WITH FDOT DESIGN STANDARDS INDEX #102
- BALES SHALL BE TRENCHED 3" TO 4" AND ANCHORED WITH 2-1" x 2" (OR 1" DIA.) x 4' WOOD STAKES. STAKES OR OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAYBE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
- RAILS AND POST SHALL BE 2" x 4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER.
- ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.
- WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.
- ALL EROSION CONTROL MEASURES TO BE PAID FOR UNDER LUMP SUM EROSION CONTROL BID ITEM.

INLET PROTECTION DEVICE

SCALE: NTS



ELEVATION

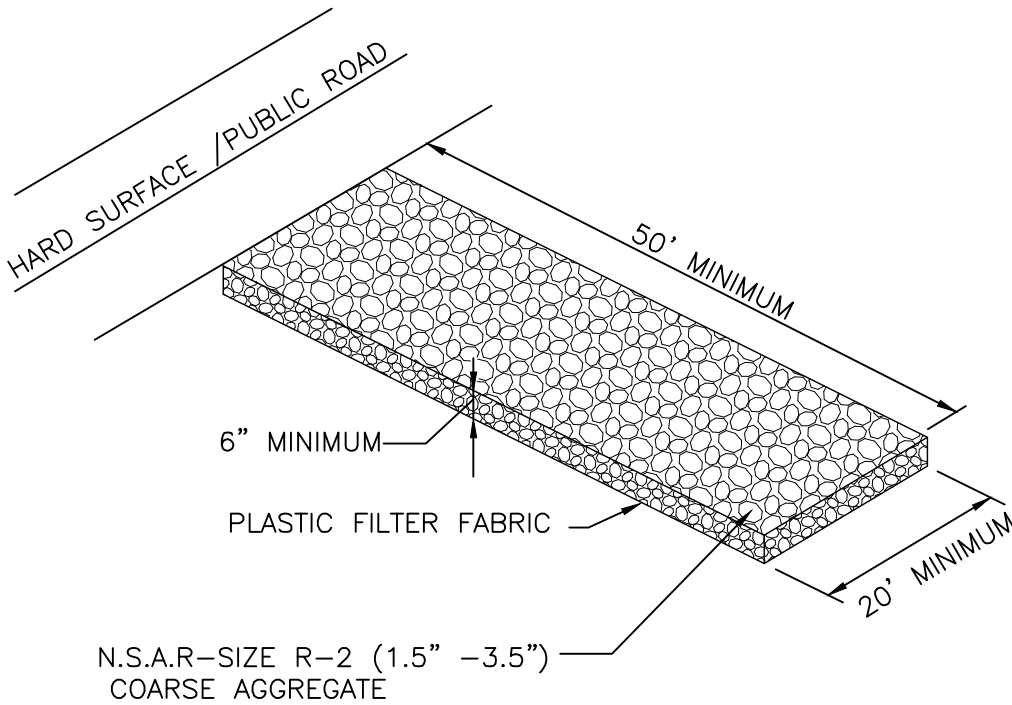
SECTION

NOTES:

- SET THE POSTS AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
- STAPLE WIRE FENCING TO THE POSTS.
- ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.
- BACKFILL AND COMPACT THE EXCAVATED SOIL.
- SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).
- REMOVE ALL BARRIERS UPON COMPLETION OF PROJECT.

SILT FENCE DETAIL

SCALE: NTS



STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS

MINIMUM REQUIRED STORM AS-BUILTS

THE FOLLOWING INFORMATION, AT A MINIMUM, SHALL BE VERIFIED ON THE AS-BUILT DRAWINGS TO BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER:

DISCHARGE/INLET STRUCTURES – DIMENSIONS AND ELEVATIONS OF ALL, INCLUDING PIPE INVERTS, GRATE ELEVATIONS, RISER ELEVATIONS, GRAVEL BOTTOM, TOP ELEVATIONS, ORIFICES, GATES, PUMPS, AND PIPES.

STORAGE AREAS FOR TREATMENT AND ATTENUATION – DIMENSION ELEVATIONS, CONTOURS OR CROSS-SECTIONS, SUFFICIENT TO DETERMINE STORAGE CAPACITY.

SYSTEM GRADING – DIMENSIONS, ELEVATIONS, CONTOURS FINAL GRADES OR CROSS-SECTIONS TO DETERMINE CONTRIBUTING DRAINAGE AREAS, FLOW DIRECTIONS AND CONVEYANCE OF RUNOFF TO THE SYSTEM DISCHARGE POINT(S).

CONVEYANCE–DIMENSIONS, ELEVATIONS, CONTOURS, FINAL GRADES OR CROSS-SECTIONS TO DETERMINE CONTRIBUTING DRAINAGE AREAS, DISCHARGE POINT(S).

WATER LEVELS – EXISTING WATER ELEVATION(S) AND THE DATE DETERMINED.

BENCHMARK(S) – LOCATION AND DESCRIPTION (MINIMUM OF ONE PER MAJOR WATER CONTROL STRUCTURE).

BAYWALK

STORMWATER POLLUTION
PREVENTION PLAN

ATKINS

2114 AIRPORT BLVD., SUITE 1450
PENSACOLA, FLORIDA 32504
PHONE NO. 850.478.9844

CERTIFICATE OF AUTHORIZATION NO. 24

ENGINEER OF RECORD

JASON T. RIPLEY
FL PE NO. 68328

DRAWN BY: ZWS

DESIGNED BY: DMH

CHECKED BY: GSA

APPROVED BY: JCH

PROJECT NUMBER 100033888

DRAWING NUMBER C-900

STORMWATER POLLUTION PREVENTION PLAN CONTRACTOR'S REQUIREMENTS

SPILL PREVENTION

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

* NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

* ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.50 INCHES OR GREATER.

* ALL EROSION CONTROL AND TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.

* BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.

* SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.

* THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB, WHICHEVER COMES FIRST.

* DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.

* TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

* A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE.

* THE SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

* PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:

* WATER FROM WATER LINE FLUSHING

* PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

* UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).

SIGNATURE	BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS	RESPONSIBLE FOR/DUTIES
		GENERAL CONTRACTOR
		SUB-CONTRACTOR
		SUB-CONTRACTOR
		SUB-CONTRACTOR
		SUB-CONTRACTOR

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.

SIGNATURE

SIGNATURE

TITLE

ATKINS 2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24 ENGINEER OF RECORD		BAYWALK STORMWATER POLLUTION PREVENTION PLAN		NUMBER	REVISIONS	DATE	APPROVED BY
DRAWN BY: ZWS		DESIGNED BY: DMH		CHECKED BY: GSA		APPROVED BY: JCH	
PROJECT NUMBER		100033888					
DRAWING NUMBER		C-902					

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GENERAL NOTES

1.

All construction shall be in accordance with the plans and written specifications. No substitutions shall be made without prior written approval by the owner’s representative.
2.

Written dimensions shall take precedence over scaled dimensions. The Contractor shall verify and be responsible for all dimensions and conditions on the job. The owner’s representative shall be notified of any variation from the dimensions and conditions shown on the plans.
3.

One Year Landscape Maintenance:

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 who is responsible for 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 or existing to remain) utility structures, drainage structures, ditches, under drains, ditch blocks, storm water management facilities, drainage discharge paths, traffic signage, lighting and their appurtenances. The Contractor shall not install the proposed improvements if a conflict exists. Any costs to remove and/or repair work installed that has not 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 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 containerized and intended for equipment use as a hazardous material, such products do not need a MSDS submittal. If any known or suspected hazardous material is found on the project, the Contractor shall notify the City immediately.
6.

Landscape improvements shall be installed by the Contractor per the latest edition of FDOT Standard Maintenance Special Provision Section 580, and any other Planting Specifications provided with the construction documents.
7.

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.
8.

Quantities shown 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 indicated on plant schedule.
9.

Planting for all plant material and protection of existing trees to remain shall be in accordance with the latest edition of FDOT Design Standard Index 544, and the details provided with these plans.
10.

Any public land survey system corner or any monument that perpetuates the R/W within the limits of construction is to be protected by the contractor. If a monument is in danger of being destroyed and has not been properly referenced, the project administrator should notify the City immediately.

PLANTING BED PREPARATION

1.

All existing vegetation shall be removed in all new planting bed areas unless otherwise noted on the plans. Herbicide manufacturer specifications and instructions shall be followed as to treatment dilution, mix, application, and time periods between applications as applicable to assure weeds are eliminated from the planting beds prior to commencing planting. All personnel involved in the chemical program are to receive proper training and follow the operating guidelines provided by FDOT for chemical control. Contact the local County Agricultural Extension Service for additional information regarding herbicides, pesticides and required licenses.
2.

All soil amendments shall be added to the planting beds and thoroughly incorporated into the soil prior to commencing final grading and planting. All beds shall be graded to achieve positive drainage so that there are no areas within the beds where standing water will occur.
3.

All planting bed areas shall be treated with a pre-emergent herbicide to assure that weeds will be controlled.

TRAFFIC CONTROL

1.

Contractor shall follow FDOT Design Standard Index 600 series (latest edition) for Maintenance of Traffic.

UTILITY NOTES

1.

The location(s) of the utilities shown on the plans should be considered approximate only, and interpolations between these points have not been verified.
2.

The Contractor shall notify all utilities two (2) business days prior to demolition and/or excavation. Call ”Sunshine State One Call System” 1-800-432-4770 (or Call 811) so that underground utilities may be field located.
3.

A Utility Representative shall be present if landscape installation requires any excavation of greater than 36 inches depth.
4.

The Contractor shall coordinate with the utility companies during construction. No Utility is to be relocated. Planting shall be adjusted horizontally, at the direction of the owner’s representative, to address any Utility conflicts.

365-DAY ESTABLISHMENT PERIOD MAINTENANCE PLAN

The following operations shall be performed by the Contractor during the 365 Day Maintenance Period. The Contractor shall assume responsibility for the proper maintenance, survival, and condition of all plants and irrigation components for a period of one year after the final installation acceptance of all work under the contract. At a minimum, maintenance shall occur weekly from April through October, and twice a month from November through March. The contractor shall include this 365-Day maintenance within their bid. Work shall include all labor, material, equipment, supplies, and services, required for the maintenance.

The contractor shall follow accepted horticultural practices to keep the project attractive and clean in appearance and maintain all plants in a healthy, vigorous condition. All work shall be performed in a professional manner, using quality equipment, methods, and materials, all of which must be maintained and operated to the highest industry standards. The workers shall be neat in appearance, wear a uniform which identifies the contractor, and perform their work in a professional manner.

1.

Representative soil samples (8 minimum) from varying areas throughout the project shall be taken and provided to the owner’s representative at the 6-month point of the establishment period. Based upon the soil sample results and recommendations from the testing laboratory, the contractor shall incorporate all soil amendments/fertilizer necessary to correct any soil deficiencies so that optimal plant health can occur.
2.

Fertilizer: During the establishment period, at a frequency necessary based on plant growth monitoring and soil analysis.
3.

Weeding/Edging:

a. Weeding – All planting areas shall remain weed free during the establishment period. Manual removal of weeds is preferable to control by herbicide.

b. Edging – All landscape/turf areas adjacent to hardscape surfaces shall be edged as required to maintain a neat appearance. All landscape beds adjacent to turf shall be edged as necessary to maintain a definition of outline per the original design intent.
4.

Herbicides/Pesticides:

a. Pre-emergent weed control is required in all bed areas. Post emergent weed control shall be applied as needed to control weed growth in landscape beds and any pavement cracks. Pre-emergent weed control shall be applied two to three times per growing season. All personnel involved in the chemical program are to receive proper training and follow the operating guidelines provided by the FDOT for chemical control. Contact the local County Agricultural Extension Service for additional information regarding herbicides, pesticides and required licenses.

b. Remove mechanically or by herbicide treatment all invasive exotic species (including aquatics) found during the establishment period on an as needed basis. This includes all noxious weeds, FLEPPC (Florida Exotic Pest Plant Council) Category 1 and Category 2 listed plants, as well as Typha sp. (cattails).
- c.

Provide plant material insect and disease control inspections continually during the establishment period and treat as necessary.
5.

Pruning: Prune all plants as necessary to maintain proper form, health and vigor during the establishment period.
6.

Mulch:

a. In all planting beds, pine straw mulch shall be maintained continually.

b. Replenish pine straw mulch one month before the end of the establishment period. The cost of this replenishment must be included within the contractor’s bid. During this replenishment, the landscape contractor shall apply the proper amount of ‘high grade’ pine straw to all of the mulch areas. The mulch is to be spread to a depth of 1.5 inches such that none of the old or previously laid mulch is visible. The contractor is responsible for accurate measurements of all mulch areas as part of the bid process. Additionally, during the establishment period, the contractor is responsible for spot mulching all bare soil areas that may have occurred.

c. All pine straw shall be ‘high grade’ from the ‘improved’ slash pine tree with a minimum needle length of eight (8) inches.

7.

Irrigation: Maintain the irrigation system and any well(s) (if applicable), and provide sufficient water to ensure plant material health during the establishment period. The irrigation system should be checked weekly, including visual inspection of all heads, to insure proper coverage and time intervals. All damaged heads, laterals, and any other system components shall be repaired and/or replaced by the contractor at the contractor’s expense.
8.

Litter Pick-Up: During the establishment period, ensure litter pickup (debris such as paper, cans, bottles, sticks, etc.) weekly.
9.

Staking: Contractor shall maintain all tree bracing for the duration of the establishment period. Contractor to remove all aboveground tree bracing immediately prior to the end of the establishment period.

APPROVED BY

DATE

REVISIONS

NUMBER

BAYWALK

LANDSCAPE NOTES AND DETAILS

ATKINS

2114 AIRPORT BLVD., SUITE 1450
PENSACOLA, FLORIDA 32504
PHONE NO. 850.478.9844
CERTIFICATE OF AUTHORIZATION NO. 24

LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL LICENSE NO. LA0001742

DRAWN BY: ZWS

DESIGNED BY: BWB

CHECKED BY: GSA

APPROVED BY: JCH

PROJECT NUMBER

100033888

DRAWING NUMBER

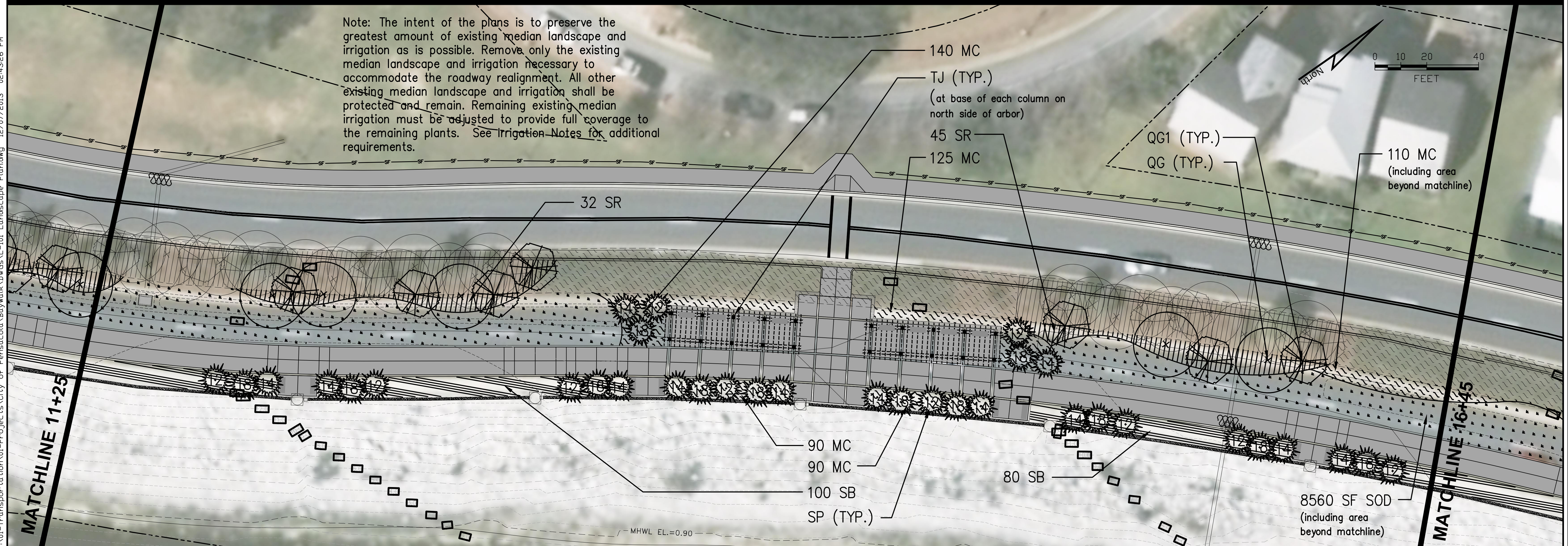
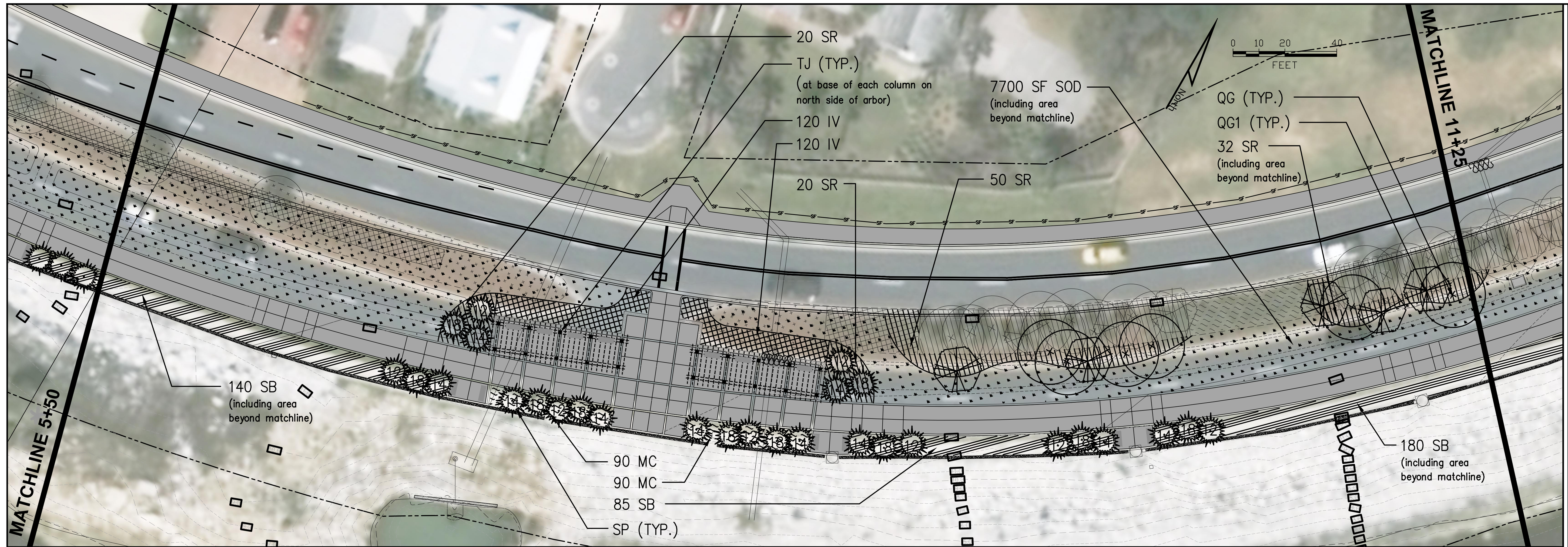
L-101

1. The landscape installation must be properly sequenced with other construction so that the landscape is not damaged by other work/trades (and vice versa).
2. Prior to the start of demolition, the City of Pensacola may choose to use City personnel to salvage and relocate trees that will otherwise be demolished by the contractor as part of the new construction. It is the contractor's responsibility to contact the City a minimum of 4 weeks prior to demolition begins so that the City has the opportunity to remove and relocate these trees, if they so choose. All trees otherwise intended for demolition that the City does not choose to salvage/relocate will remain the contractor's responsibility to remove and dispose of properly.
3. 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.
4. 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.
5. All plant material shall be Florida No. 1 or better (unless otherwise noted) as set forth in "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 provide 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.
6. All plant materials indicated with a gallon size shall be container grown and within a container 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.
7. The owner's representative reserves the right to make planting bed field changes to accommodate site conditions and to achieve the design intent. The owner's representative, along with the landscape contractor, shall flag all tree, saw palmetto, and bedline locations for approval prior to any installation. It is the design intent for the oak 'groves' to appear as 'naturalistic' as possible. Therefore, location for each specific oak tree shall be flagged, and during installation each tree shall be oriented so that the design intent is best achieved. Similarly, the saw palmetto locations shall be flagged prior to installation so that the saw palmetto spacing appears 'naturalistic' and not uniform.
8. All plantings shall receive a 3" layer of pine straw mulch with a 1" layer on the plant crown. All pine straw shall be 'high grade' from the 'improved' slash pine tree with a minimum needle length of eight (8) inches.
9. The landscape contractor shall conduct representative soil analysis 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, muck, debris, etc.) and shall recommend to the owner's representative, prior to installation, all soil amendments that may be necessary to promote healthy, vigorous plant growth. Soil sample test results shall include, at a minimum, pH, primary macronutrients, micronutrients, percentage of organic matter, and soil texture. Submit all soil samples and amendment recommendations to the owner's representative for review. The contractor is ultimately responsible for all appropriate soil amendments and a properly prepared finished soil layer in accordance with FDOT Standard Specifications 162 and 987.
10. 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.
11. The landscape contractor shall coordinate with all other trades (and plans), as necessary, in preparing planting areas, including final grade elevations.
12. All plant material must be planted immediately upon delivery to the site and watered in (by hand if the irrigation system is not functioning properly). Any plant material not installed within 6 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.
13. 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.
14. The landscape contractor shall be responsible for maintaining all plantings and grades 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, and repairing erosion areas.
15. The landscape contractor shall supply the owner's representative with as-built drawings in ACAD format (2010 version or later) within 30 days of project acceptance.
16. Refer to current FDOT Standard Specifications and Design Standard Indices, the General Notes, and any other Specifications within the contract documents for additional requirements.

<u>Quantity</u>	<u>Symbol</u>	<u>Botanical Name</u>	<u>Common Name</u>	<u>Specifications</u>
Trees/Palms				
24	QG	Quercus geminata	Sand Live Oak	3" - 4" Cal.; 11' - 14' Ht.; 5' - 8' Spd.; FG; 'True' sand live oaks only - no hybrids
28	QG1	Quercus geminata	Sand Live Oak	2" - 2.5" Cal.; 7' - 9' Ht.; 4' - 5' Spd.; FG; 'True' sand live oaks only - no hybrids
131	SP	Sabal palmetto	Cabbage Palm	12', 14', and 18' C.T.; No Boots to 8' height minimum; See plans for height locations
Shrubs and Groundcover				
1528	IV	Ilex vomitoria 'Stokes Dwarf'	Dwarf Yaupon Holly	3 Gallon; 24" o.c.; 12" - 14" Ht.; full
2098	MC	Muhlenbergia capillaris	Gulf Muhly Grass	1 Gallon; 24" o.c.; 14" - 18" Ht.; full
378	SR	Serenoa repens	Saw Palmetto	7 Gallon; 'naturalistic' spacing to be field located by owner's rep.; 20"x20" min.; full
1570	SB	Spartina bakeri	Sand Cord Grass	1 Gallon; 36" o.c.; 14" - 18" Ht.; full
30	TJ	Trachelospermum jasminoides	Confederate jasmine	7 Gallon; 3 runners per pot minimum @ 3'-4' height each; trained to climb
43,160 SF	SOD	Cynodon dactylon '419'	419 Bermuda Grass	Solid sod
Other Items				
3860 SY		Mulch	Pine Straw	3" Depth at installation; 'High Grade' from 'Improved' Slash Pine; 8" min. needle length
1 LS		Irrigation		Full coverage to all new landscape and turf areas; and adjustments to all demolished areas so that existing median irrigation retains full coverage and is fully functional
1 LS		Warranty		1-Year Plant Material and Irrigation System Warranty
1 LS		Maintenance		1-Year Plant Material and Irrigation System Maintenance
3860 SY		Mulch	Pine Straw	1.5" Depth at end of establishment period; 'High Grade' from 'Improved' Slash Pine; 8" min. needle length
1 LS		Landscape Demolition		Existing median landscape demolition in areas indicated on the plans

	SABAL PALMETTO – CABBAGE PALM		SERENOA REPENS – SAW PALMETTO
	QUERCUS GEMINATA (QG) – SAND LIVE OAK		ILEX VOMITORIA 'STOKES DWARF' – DWARF YAUPON HOLLY
	QUERCUS GEMINATA (QG1) – SAND LIVE OAK		MUHLENBERGIA CAPILLARIS – GULF MUHLY GRASS
			SPARTINA BAKERI – SAND CORD GRASS
			CYNODON DACTYLON '419' – 419 BERMUDA GRASS





BAYWALK

LANDSCAPE PLAN

ATKINS

2114 AIRPORT BLVD., SUITE 1450
PENSACOLA, FLORIDA 32504
PHONE NO. 850.478.9844

LANDSCAPE ARCHITECT
OF RECORD

BRUCE W. BRODSKY
FL. LICENSE NO. LA0001742

AWN BY: ZWS

SIGNED BY: BWB

HECKED BY: GSA

PROVED BY: JCH

PROJECT NUMBER	10003388
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AWING
MBER

L-106

Matchline 16+45

Note: The intent of the plans is to preserve the greatest amount of existing median landscape and irrigation as is possible. Remove only the existing median landscape and irrigation necessary to accommodate the roadway realignment. All other existing median landscape and irrigation shall be protected and remain. Remaining existing median irrigation must be adjusted to provide full coverage to the remaining plants. See Irrigation Notes for additional requirements.

QG (TYP.)

QG1 (TYP.)

50 SR

TJ (TYP.)
(at base of each column on north side of arbor)

110 IV

110 IV

16 SR

16 SR

160 SB
(including area beyond matchline)

SP (TYP.)

90 MC

90 MC

150 SB

Matchline 21+65

SP (TYP.)

MATCHLINE 21+65
 QG (TYP.)
 QG1 (TYP.)
 12 SR
 185 MC
 65 MC
 25 SR
 12 SR
 100 SB (including area beyond matchline)
 MATCHLINE 27+10
 8900 SF SOD (including area beyond matchlines)
 160 SB (including area beyond matchline)
 145 SB
 SP (TYP.)
 MHWL EL.=0.90

145 SB

SP (TYP.)

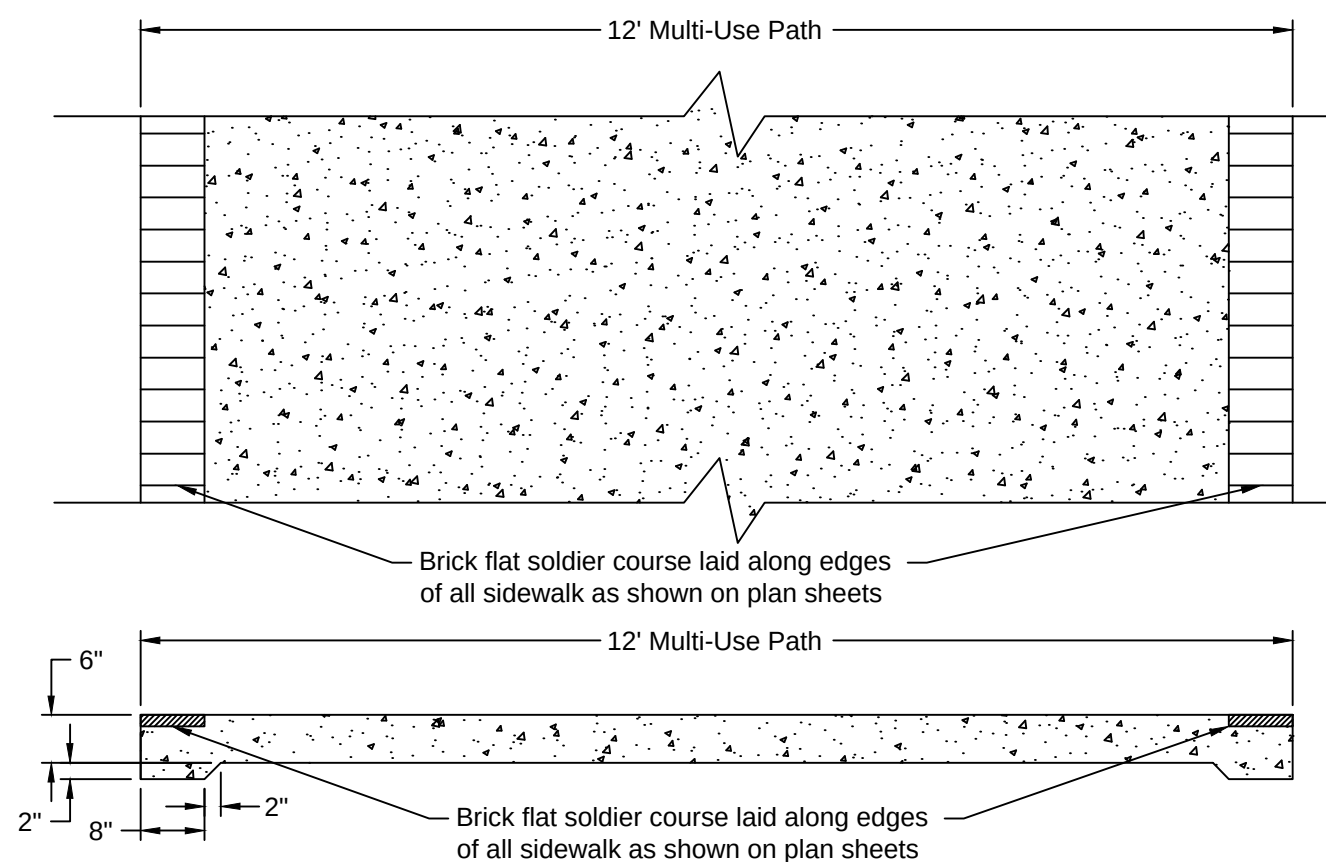
MATCHLINE 27+10

2114 AIRPORT BLVD., SUITE 1450
PENSACOLA, FLORIDA 32504
PHONE NO. 850.478.9844
CERTIFICATE OF AUTHORIZATION NO. 2

PROJECT NUMBER	10003388
DRAWING	1-105

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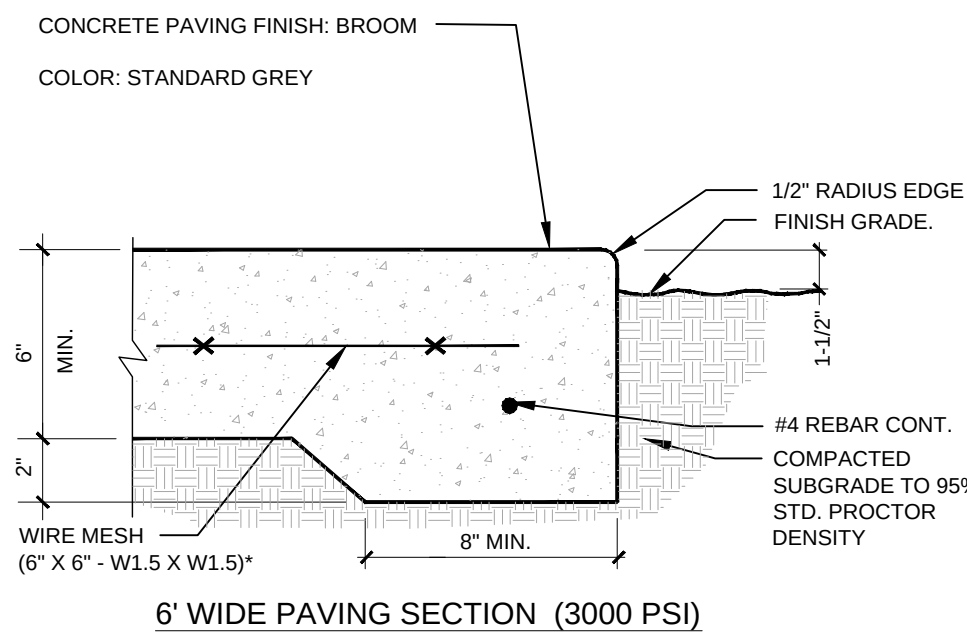
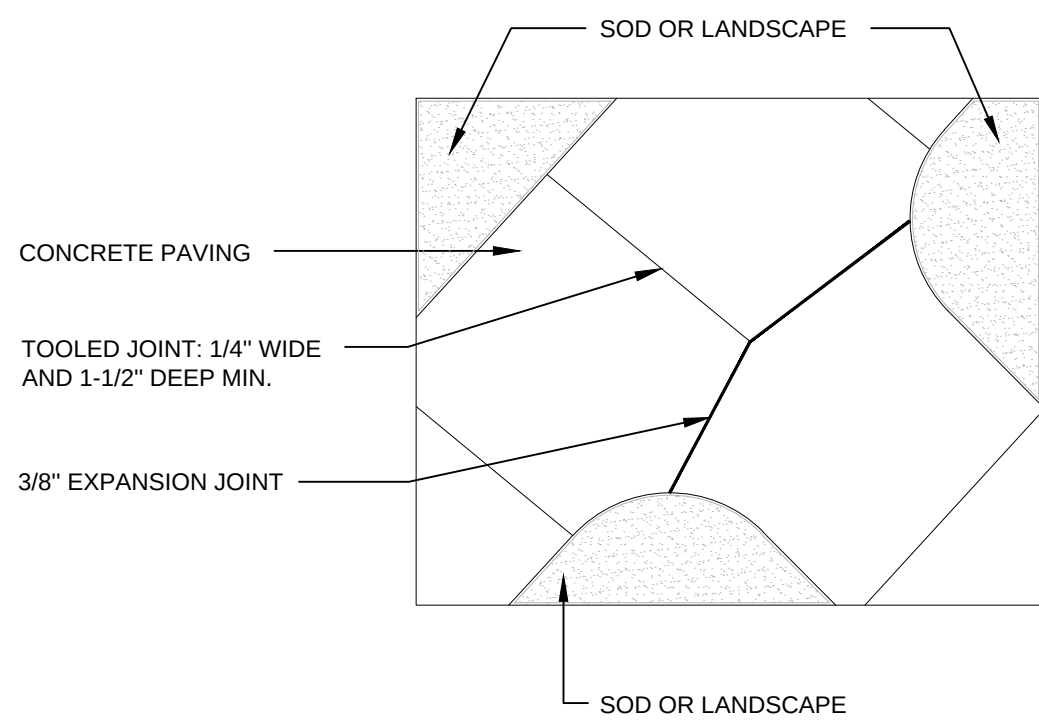
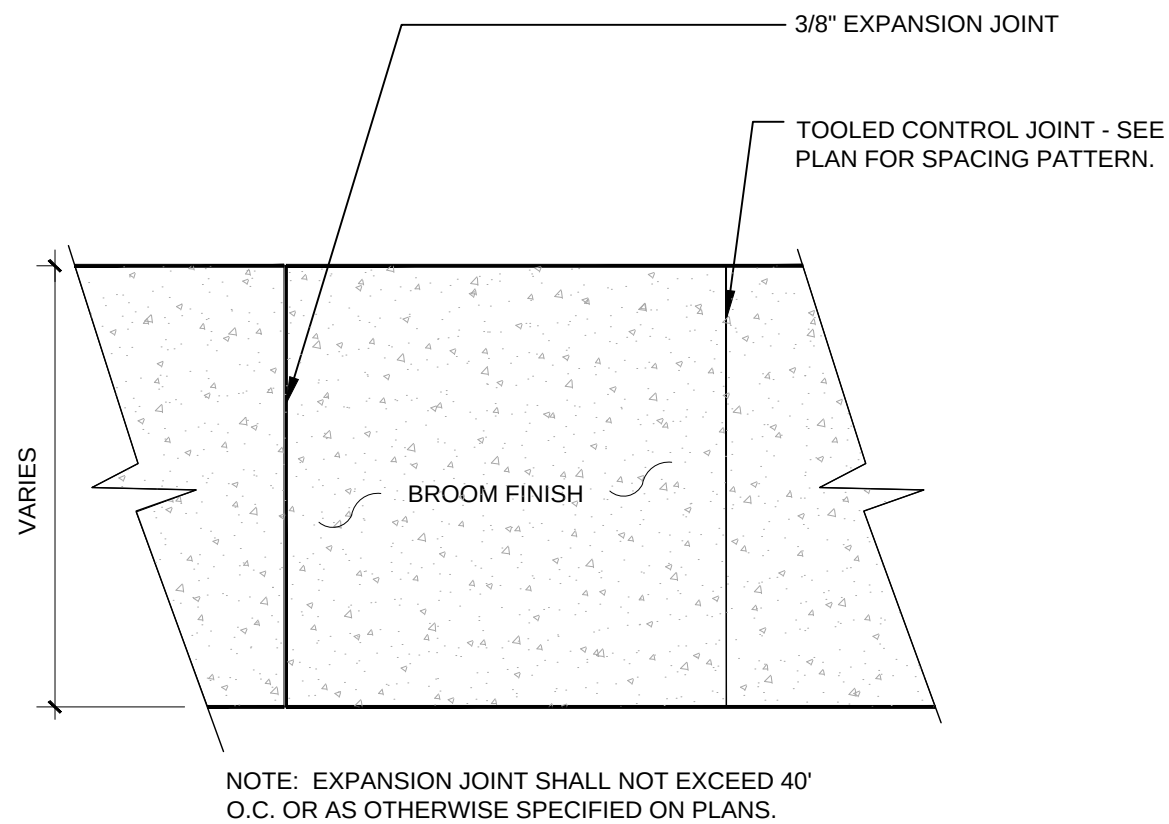
- 1) The contractor shall comply with all applicable local, state and federal guidelines and building codes.
- 2) The contractor shall verify location of all utilities prior to beginning construction.
- 3) The construction site shall be left clean and free from debris at the end of each work day.
- 4) The contractor shall apply for, obtain, and pay for all required permits, unless otherwise specified. Permits shall be posted according to local, state, and federal regulations.
- 5) All work, material and equipment utilized shall be installed in strict accordance with the manufacturer's recommendations, specifications, and/or approved shop drawings.
- 6) All work for this project shall conform to standards published by recognized professional and industry organizations, and shall be in accordance with the latest edition of the FDOT Standard Specifications. Where conflicts exist, the more stringent standards and specifications shall apply.
- 7) The contractor shall be responsible for visiting the site and becoming familiar with all existing conditions affecting the work prior to bidding.
- 8) The contractor shall submit unit prices for all line items in their bid.
- 9) The contractor shall seek clarification prior to bidding from the project engineer and City Engineer for any discrepancies between the landscape, civil, and any other drawings. The most stringent requirements shall apply.
- 10) The contractor shall seek clarification prior to bidding on any questions concerning conditions, drawings, details, and specifications that will affect submission of a complete and accurate bid. Submission of questions shall conform to the requirements set forth in the instructions to bidders.
- 11) The contractor shall obtain prior written approval from the project engineer and City Engineer for any deviation from the contract documents.
- 12) All requests for information clarification, deviation, or substitution for items in the contract documents shall be made in writing through the project engineer. The project engineer shall have seven (7) working days in which to respond.
- 13) The contractor shall be responsible for preparing and maintaining all construction areas free of debris and hazardous materials throughout the construction process.
- 14) The contractor shall be responsible for the repair and/or replacement of any items/areas damaged during the construction process.
- 15) The contractor shall lay out and verify all dimensions in the field prior to the start of construction and report any discrepancies immediately to the project engineer. Construction shall not begin until the layout has been approved by the project engineer.
- 16) Dimensions shall not be scaled from the contract documents. Written dimensions shown on the plans shall rule. In the case of ambiguity the contractor shall request in writing a clarification of dimensions from the project engineer.
- 17) Quantities shown on schedules are for informational purposes only. Contractor shall verify all quantities. Where there is a discrepancy between the quantity shown on the schedule and the quantity of items shown on the plans, contractor shall notify project engineer in writing for clarification.
- 18) The contractor shall submit shop drawings for approval prior to the start of fabrication and/or purchase for all applicable items. The contractor shall submit five (5) sets of shop drawings to the project engineer. The project engineer shall have seven (7) working days in which to respond.
- 19) Prior to mobilization and commencement of work, the Contractor shall attend a pre-construction conference with City officials, the civil engineer, and the landscape architect.



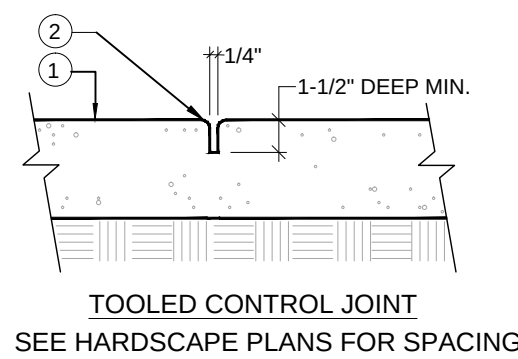
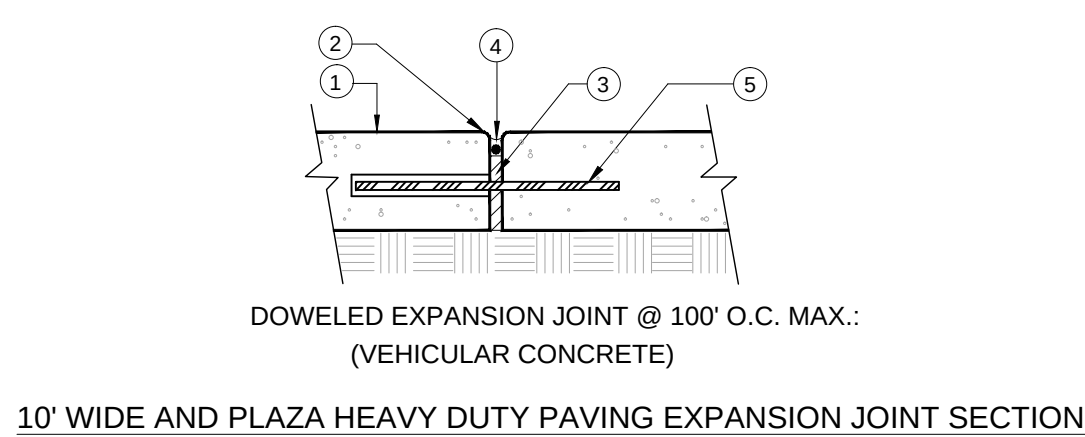
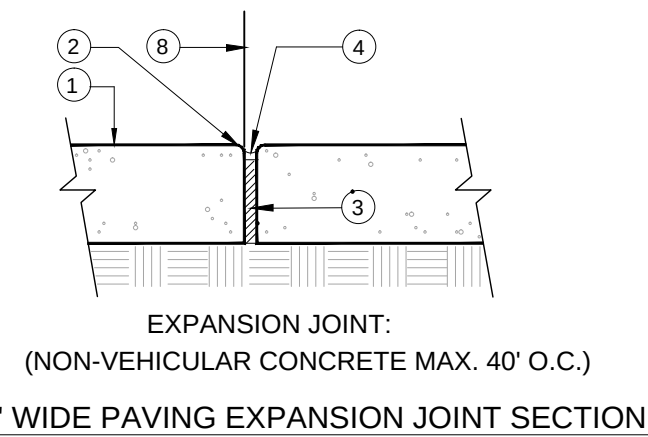
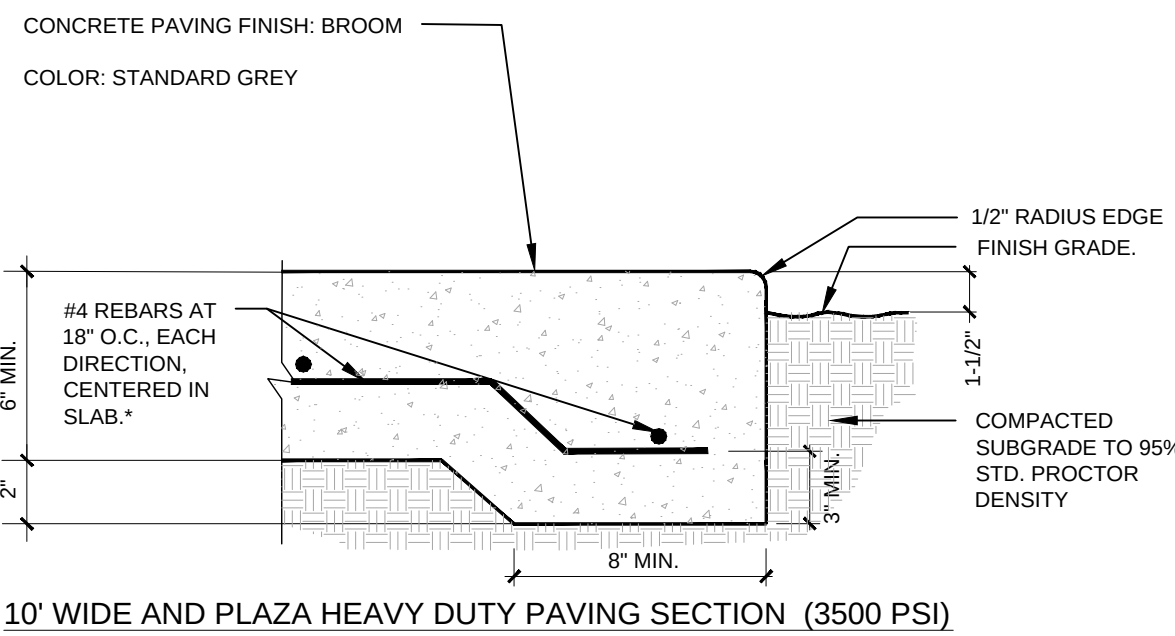
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L-201

MULTI-USE PATH DETAIL

$\frac{1}{2}'' = 1'$

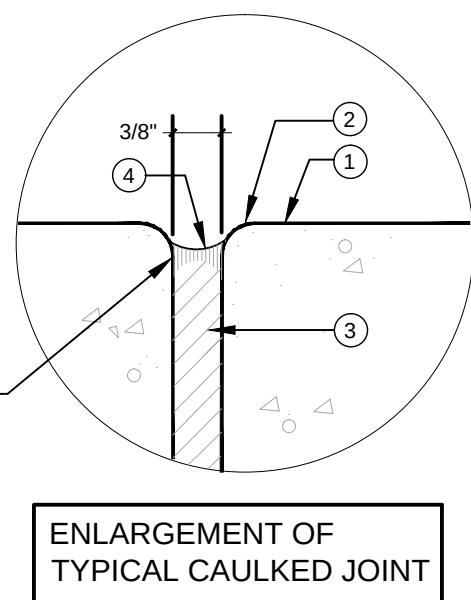


*NOTE: FIBERMESH REINFORCED CONCRETE MAY BE SUBSTITUTED FOR THE REINFORCEMENT SHOWN IN THE DETAILS ABOVE IF THE CONTRACTOR SUBMITS SHOP DRAWINGS THAT ARE SIGNED AND SEALED BY A STRUCTURAL ENGINEER AND THAT SHOW FIBERMESH REINFORCED CONCRETE THAT IS EQUAL OR BETTER IN STRENGTH THAN THE DETAILS ABOVE.



ALL SCORING JOINTS SHALL BE CREATED W/ PRECISENESS TO ENSURE CLEAN, STRAIGHT JOINTS AS SHOWN ON PLANS. SCORE LINES WILL BE SUBJECT TO APPROVAL BY OWNER'S REPRESENTATIVE

WIDTH TO DEPTH RATIO OF MASTIC TO BE PER MFG'S. RECOMMENDATIONS.



LEGEND:

1. CONCRETE PAVING
2. 1/2" TOOLED RADIUS EDGE.
3. PREMOLED EXPANSION JOINT SEALER PER SPECIFICATIONS.
4. MASTIC SEALANT, COLOR TO MATCH ADJACENT PAVING.
5. 3/4" DIA. X 24" LONG SMOOTH STEEL SLIP DOWEL; CENTER IN CONCRETE.
6. FACE OF WALL (NOT APPLICABLE)
7. VERTICAL EXPANSION JOINT AT 20' O.C. MAX., ALIGN WITH ADJACENT HORIZONTAL EXPANSION JOINTS WHERE POSSIBLE. (NOT APPLICABLE)
8. CURB OR WALL FACE WHERE EDGE CONDITION EXISTS
9. TOOLED JOINT WITHOUT RADIUS EDGE TO BE STRIKED IN IRREGULAR LINE PRIOR TO STAMP AND SKIN APPLICATIONS. (NOT APPLICABLE)

1
L-201

PAVING DETAILS

N.T.S.

BAYWALK
HARDSCAPE DETAILS

ATKINS
2114 AIRPORT BLVD., SUITE 1450
PENSACOLA, FLORIDA 32504
PHONE NO. 850.478.9844
CERTIFICATE OF AUTHORIZATION NO. 24

LANDSCAPE ARCHITECT
OF RECORD

BRUCE W. BRODSKY
FL LICENSE NO. LA0001742

DRAWN BY: ZWS

DESIGNED BY: DMH

CHECKED BY: GSA

APPROVED BY: JCH

PROJECT
NUMBER 100033888

DRAWING
NUMBER L-201

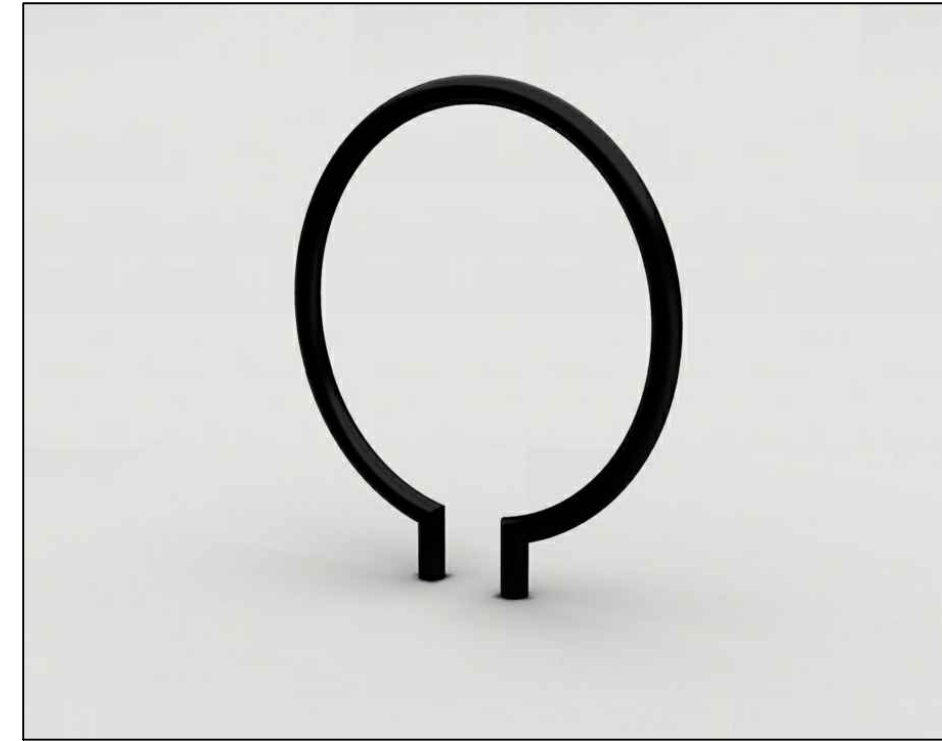


LANDSCAPEFORMS - MELVILLE BENCH

- 54" Backed Bench with One Divider
- Jarrah Wood Seat Panels
- Embedded Mount
- Powder Coat Color - Storm Cloud

BENCH

1 L-202	BENCH	
	Install per the Manufacturer's Specifications	N.T.S.



LANDSCAPEFORMS - RING BIKE RACK

- Embedded
- Powder Coat Color - Storm Cloud
- Use 4 in each location shown on plans

BIKE RACK

2	BIKE RACK	
L-202	Install per the Manufacturer's Specifications	N.T.S.



LANDSCAPEFORMS - POE TRASH RECEPTACLE

- Side Opening
- 34-Gallon
- One Liner
- Powder Coat Color - Storm Cloud

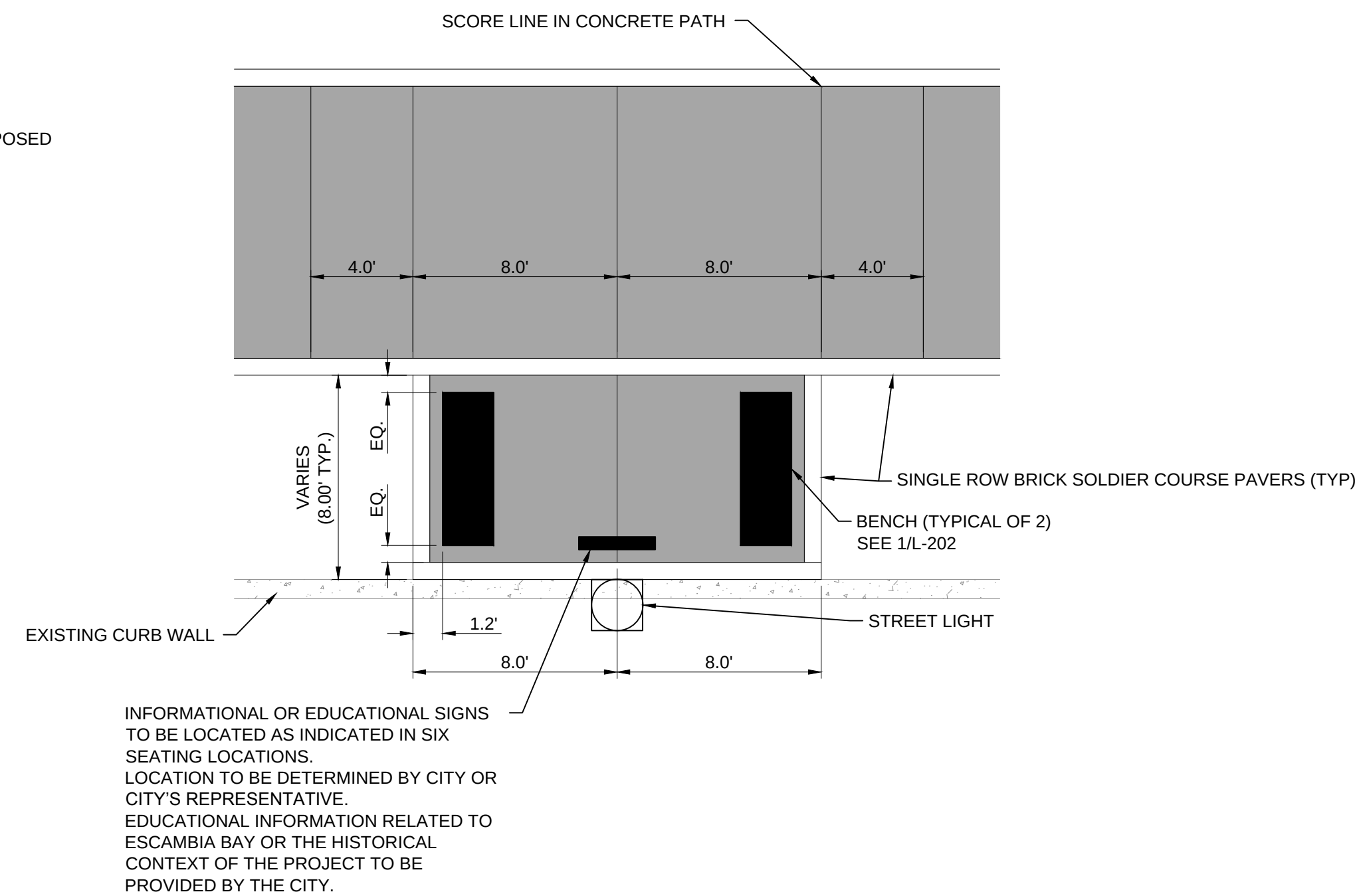
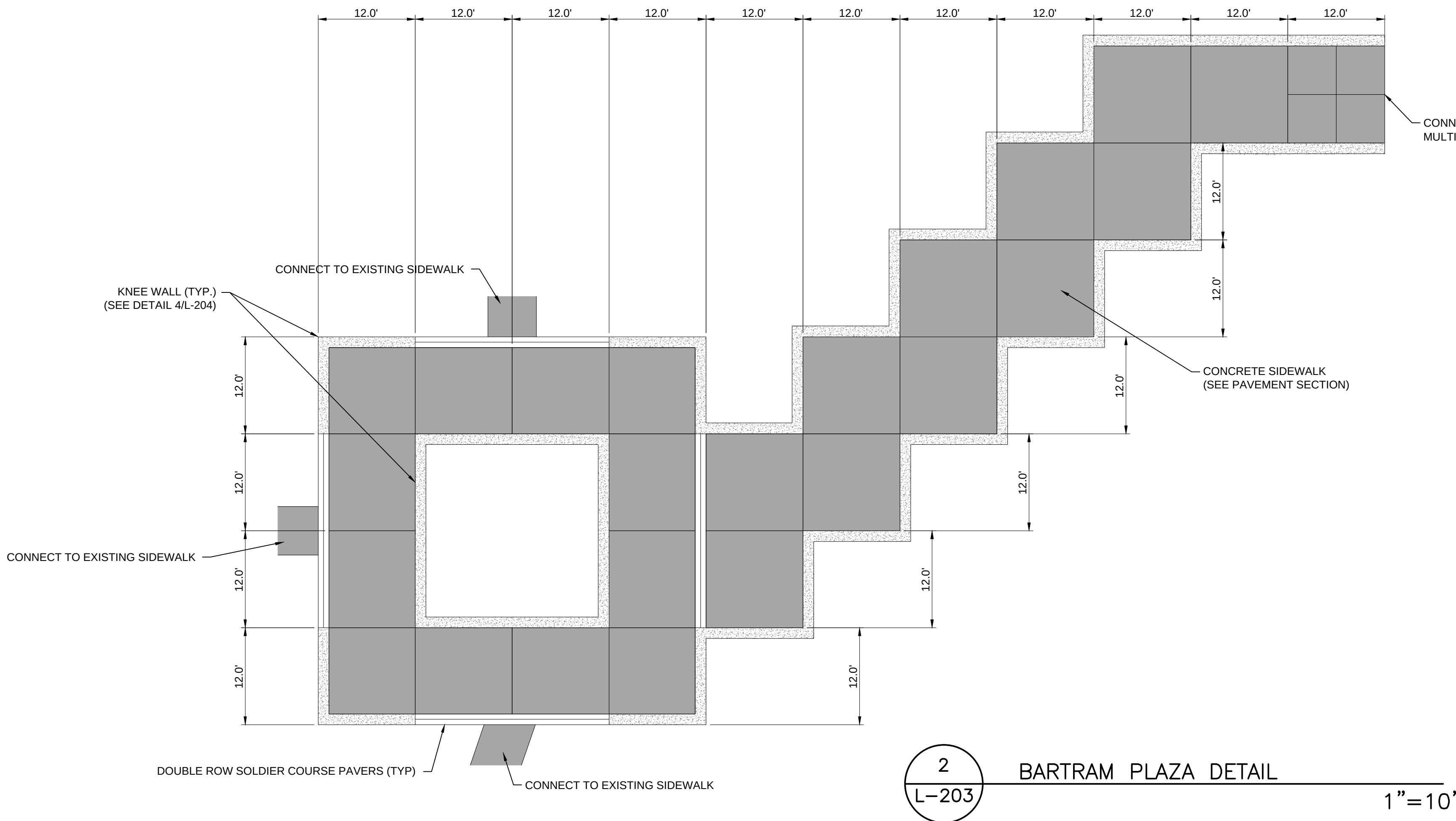
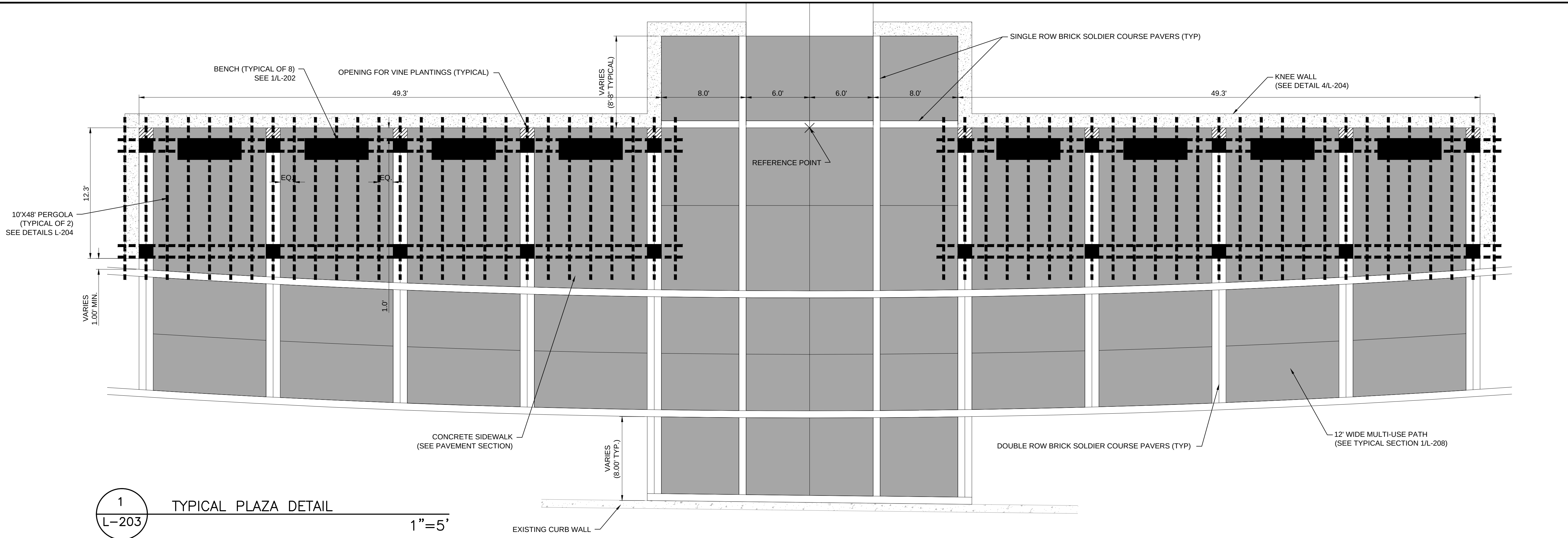
TRASH RECEPTACLE

3	TRASH RECEPTACLE	
	Install per the Manufacturer's Specifications	N.T.S.

<u>Qty.</u>	<u>Unit</u>	<u>Description</u>	<u>Model Number</u>	<u>Specifications</u>
52	EA	Bench	Melville	Landscapeforms
x	EA	Bike Rack	Ring	Landscapeforms
x	EA	Trash Receptacle	Poe	Landscapeforms

*Or Approved Equals

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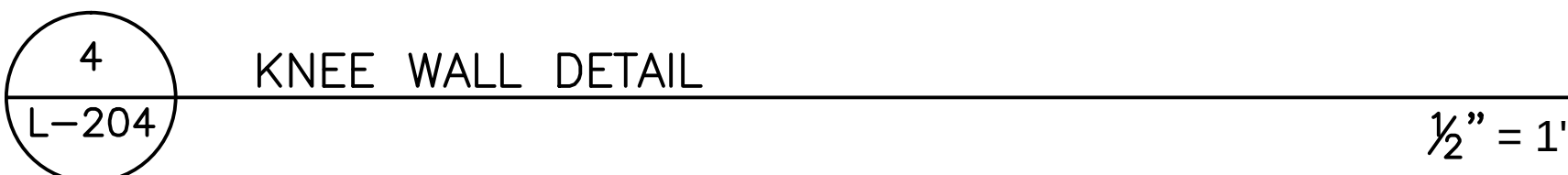
APPROVED BY	
DATE	
REVISIONS	
NUMBER	

BAYWALK
HARDSCAPE DETAILS

ATKINS
2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24

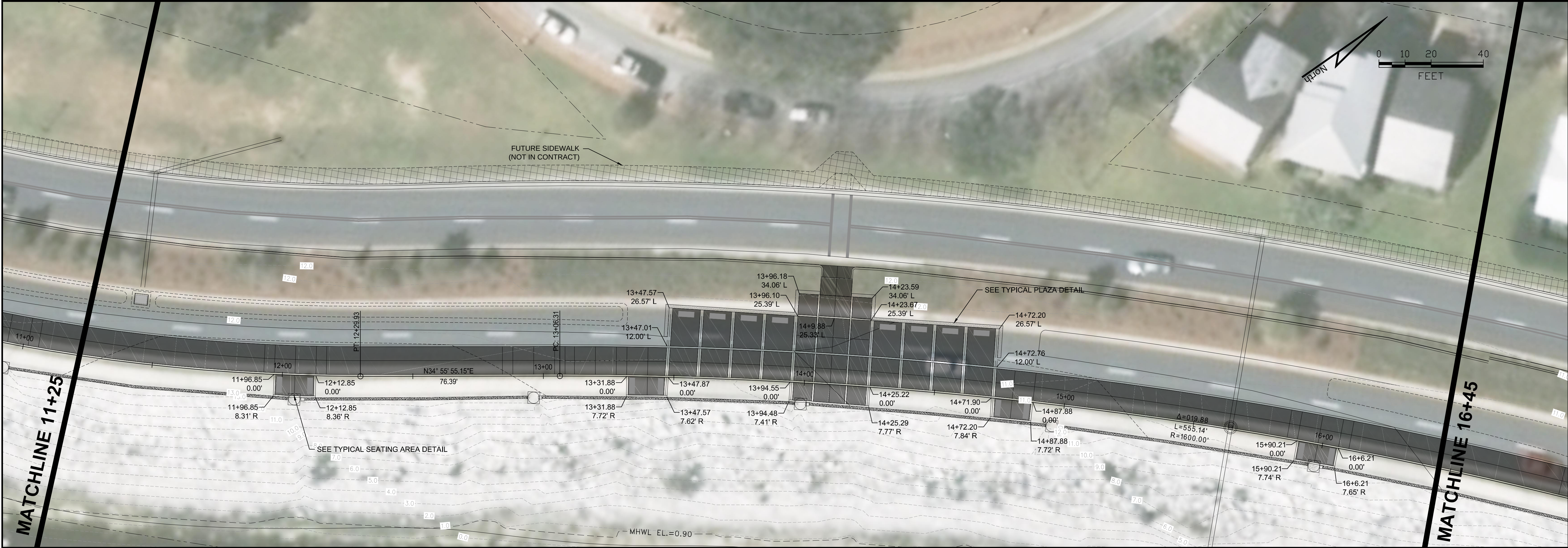
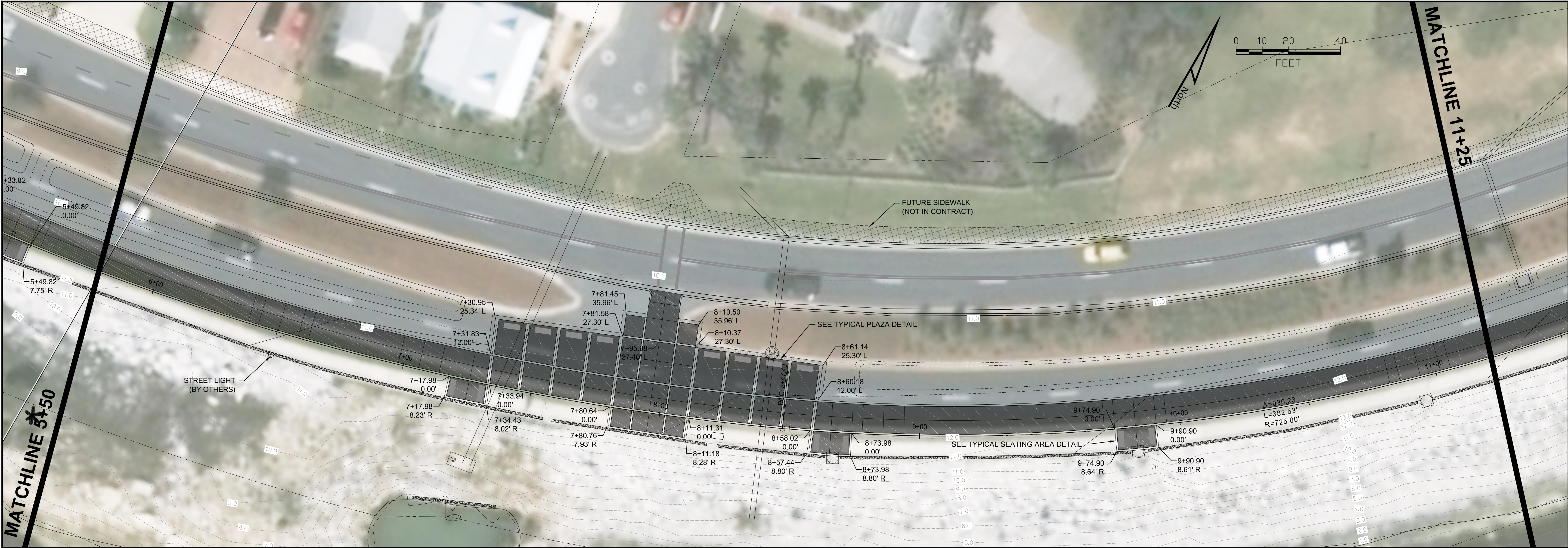
LANDSCAPE ARCHITECT OF RECORD
BRUCE W. BRODSKY FL LICENSE NO. LA0001742
DRAWN BY: ZWS
DESIGNED BY: DMH
CHECKED BY: GSA
APPROVED BY: JCH
PROJECT NUMBER 100033888
DRAWING NUMBER L-203

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE PERGOLA AND WALL CONSTRUCTION DETAILS ARE CONSISTENT WITH AND MEET ALL REQUIREMENTS OF THE FLORIDA BUILDING CODE AND CITY OF PENSACOLA CODE.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A SET OF CONSTRUCTION DETAILS AND WIND LOAD CALCULATIONS FOR THE PERGOLA STRUCTURES THAT ARE SIGNED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
3. THE CONTRACTOR AND STRUCTURAL ENGINEER SHALL SUBMIT WITH THE DOCUMENTATION ANY ALTERNATE FASTENING DETAILS, OR CONSTRUCTION MEANS AND METHODS SUGGESTED, AND THESE ALTERNATES SHALL BE APPROVED IN WRITING AS SUBMITTED, BY THE CONTRACTOR, THE STRUCTURAL ENGINEER, THE CITY, AND THE OWNER'S REPRESENTATIVE.
4. THE CONSTRUCTION PLANS INDICATE THE DESIGN INTENT FOR THE PERGOLA STRUCTURES AND ANY PROPOSED VARIATIONS FROM THE DESIGN INTENT MUST BE APPROVED BY THE CITY OR THE CITY'S REPRESENTATIVE. THESE STRUCTURES ARE INTENDED TO INCLUDE CONFEDERATE JASMINE VINES ACROSS THE ENTIRE TOP SURFACE OF THE STRUCTURES. THIS VEGETATION HAS NOT BEEN INDICATED IN THE CONSTRUCTION PLANS, BUT SHOULD BE INCLUDED IN ANY STRUCTURAL CALCULATIONS.
5. BRICK INDICATED IS INTENDED TO BE COLONIAL BRICK WITH A MODERATE VARIATION IN COLOR SIMILAR TO AND CONSISTENT WITH STRUCTURES IN THE HISTORIC DISTRICT OF THE CITY OF PENSACOLA. ALL FINISHED BRICK SURFACES SHALL BE KEPT FREE OF CONCRETE AND MORTAR SPILLAGE AND ALL OTHER STAINING DURING BOTH STORAGE AND ACTUAL CONSTRUCTION.
6. ANY MATERIAL SUBSTITUTIONS OFFERED BY THE CONTRACTOR SHALL BE APPROVED BY THE CITY OR THE CITY'S REPRESENTATIVE.
7. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT PRODUCT INFORMATION FOR CONSTRUCTION MATERIALS INCLUDING BRICK, CAST CONCRETE WALL CAPS, STRUCTURAL LUMBER, FASTENINGS, PAINT AND OR SEALANTS, AND COLOR SELECTIONS FOR EACH MATERIAL, FOR APPROVAL BY THE CITY AND THE CITY'S REPRESENTATIVE.
8. STREET FURNISHINGS INDICATED IN THE CONSTRUCTION PLANS ARE AS USED IN ADMIRAL MASON PARK AND SHALL MATCH.
9. THE BRICK EDGING OF THE WALKS AND INLAID BRICK IN THE PLAZAS IS INTENDED TO BE ACCOMPLISHED IN FACE-LAID "FLAT SOLDIER COURSE" FASHION. FOR THE DOUBLE COURSE INLAYS, THE BRICKS ARE TO BE ALIGNED END TO END IN EACH COURSE. THE CONCRETE PAVEMENT IN EACH LOCATION WHERE BRICK EDGING OR INLAYS OCCURS SHALL BE DEPRESSED THE EQUIVALENT DEPTH OF THE BRICK INLAY. CONTROL JOINTS SHALL BE AS SPECIFIED HEREIN AND AS INDICATED IN THE CONSTRUCTION DETAILS.
10. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A MOCK UP OF ONE PANEL OF THE CONCRETE PEDESTRIAN PLAZA/WALKWAY INCLUDING BRICK INLAYS. THE CONTRACTOR SHALL ALSO SUBMIT A PROPOSED CONCRETE POUR PHASING PLAN THAT INDICATES THE MEANS AND METHODS OF CONSTRUCTION TO CLEARLY ASSURE A FINAL SURFACE THAT WILL KEEP BRICK INLAID PAVING FREE OF CONCRETE SPILLAGE, AND ASSURE THAT INLAID BRICK WILL BE STRUCTURALLY SUPPORTED.
11. ALL CONSTRUCTION JOINTS, CONTROL JOINTS, AND/OR EXPANSION JOINTS INDICATED IN THE PLANS ARE A PART OF THE DESIGN INTENT AND THE CONSTRUCTION AND CONTROL JOINTS SHALL BE FULLY INCORPORATED INTO THE ACTUAL WORK. ANY ALTERNATE PLAN FOR CONSTRUCTION JOINTS, CONTROL JOINTS, OR EXPANSION JOINTS SHALL BE APPROVED PRIOR TO INSTALLATION. CONTROL/EXPANSION JOINTS SHALL NOT OCCUR AT THE FACE OF A SOLID BRICK AT THE EDGE OF THE WALK; THE CONTRACTOR SHALL ASSURE THAT BRICKS ARE INSTALLED ON EITHER SIDE OF THE CONTROL/EXPANSION JOINT. ALL SAWN JOINTS SHALL BE MARKED WITH CHALK LINES AND APPROVED BY THE CITY OR CITY'S REPRESENTATIVE PRIOR TO CONSTRUCTION AND MUST BE STRAIGHT AND TRUE IN ALIGNMENT.



ATKINS 2114 AIRPORT BLVD., SUITE 1450 PENSACOLA, FLORIDA 32504 PHONE NO. 850.478.9844 CERTIFICATE OF AUTHORIZATION NO. 24	BAYWALK HARDSCAPE DETAILS	NUMBER	REVISIONS	DATE	APPROVAL DAY
LANDSCAPE ARCHITECT OF RECORD BRUCE W. BRODSKY FL LICENSE NO. LA0001742					
DRAWN BY: ZWS					
DESIGNED BY: DMH					
CHECKED BY: GSA					
APPROVED BY: JCH					
PROJECT NUMBER 100033888					
DRAWING NUMBER L-204					

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REVISIONS		DATE	APPROVED BY

BAYWALK	
HARDSCAPE PLAN	

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CHECKED BY:	GSA
APPROVED BY:	JCH
PROJECT NUMBER	100033888
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LANDSCAPE ARCHITECT OF RECORD BRUCE W. BRODSKY FL LICENSE NO. LA0001742		NUMBER	REVISIONS
DRAWN BY: ZWS			DATE
DESIGNED BY: DMH			APPROVED BY
CHECKED BY: GSA			
APPROVED BY: JCH			
PROJECT NUMBER	100033888		
DRAWING NUMBER	L-208		