PLANS FOR THE CONSTRUCTION OF CHANDLERS LANDING MARINA FIRE LINE AND FIRE LANE IMPROVEMENTS

STREET ADDRESS:

1 HARBORVIEW DR.

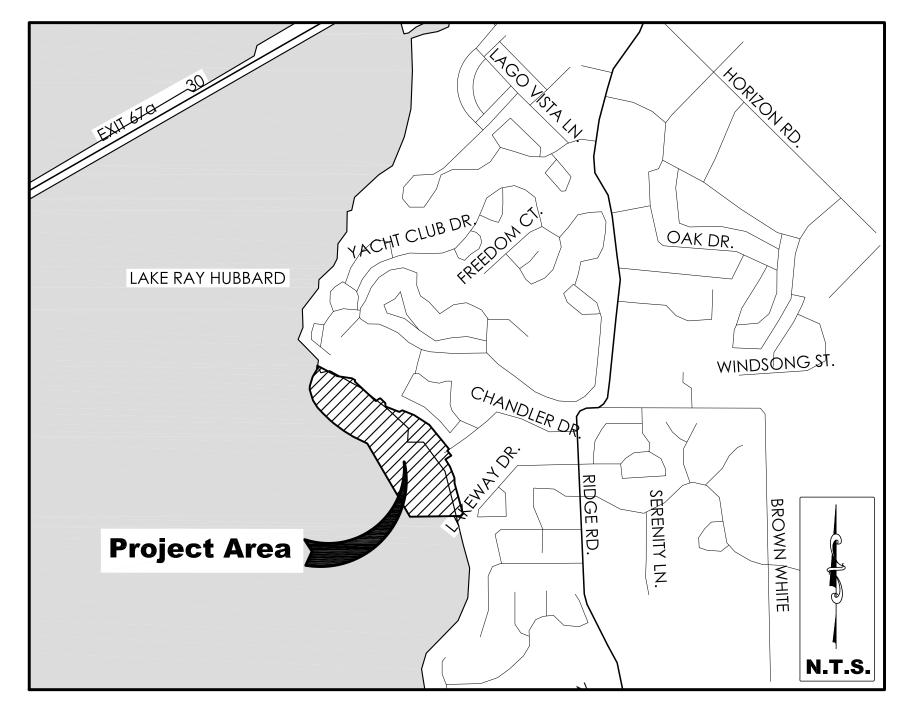
ROCKWALL, TEXAS 75032

PROJECT CONTACT: OTTIS LEE, III

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LOCATION MAP MAPSCO 30C-N

SHEET INDEX

NO. DESCRIPTION

COVER SHEET

GENERAL NOTES

OVERALL SITE PLAN **EE DOCK SITE IMPROVEMENTS**

G DOCK SITE IMPROVEMENTS

EROSION CONTROL PLAN

SITE DETAILS

LAKE RAY HUBBARD ROCKWALL, TEXAS FEBRUARY 2013

DEVELOPER/OWNER:

SUNTEX WATERFRONT MANAGEMENT

MR. CHRIS PETTY 17330 PRESTON RD, SUITE 111D DALLAS, TEXAS 75252 PHONE (972) 789-1400 FAX (972) 763-0300 EMAIL:cpetty@suntexmarinas.com

PREPARED BY:





BHB PROJECT NO.: 2012.810.016

- 2. ALL TRENCH BACKFILL UNDER PROPOSED STREETS SHALL BE TYPE "B" OR "C" BACKFILL NOT HAVING A PLASTICITY INDEX GREATER THAT 12. TRENCH BACKFILL UNDER PROPOSED PAVED AREAS SHALL BE PLACED IN 8" UNCOMPACTED LIFTS AND SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY ASTM D 698 BETWEEN -2 AND +5 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT. COMPACTING DENSITY REPORTS SHALL BE REQUIRED FOR EVERY 200 LINEAR FEET OF TRENCH PER LIFT AND AT CROSSINGS DESIGNATED BY ENGINEER OR FIELD SERVICES INSPECTOR.
- 3. CONCRETE COMPRESSIVE STRENGTH REPORTS ARE REQUIRED FOR EVERY 100 CUBIC YARDS OF CONCRETE PLACED.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIALS AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS, AND REQUIREMENTS. ALL WORK REQUIRED BY THESE PLANS SHALL BE CONDUCTED IN CONFORMANCE WITH CURRENT SAFETY CODES AND STANDARDS WITH JURISDICTION OVER THIS PROJECT.
- 5. THE CONTRACTOR SHALL CONTACT ALL FRANCHISE UTILITY COMPANIES TO HAVE THEM LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION AND DEPTH OF ALL FRANCHISE UTILITY SERVICES AND ANY REQUIRED RELOCATION AND/OR EXTENSIONS. EXISTING SERVICES SHOWN ON THE PLANS, IF ANY, ARE CONCEPTUAL.
- 6. THE CONTRACTOR SHALL PROTECT ALL PUBLIC AND PRIVATE UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, POWER POLES, SIGNS, FIRE HYDRANTS, ETC., MUST BE ADJUSTED TO PROPER GRADE BY THE CONTRACTOR PRIOR TO AND AFTER PLACING OF PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING CONSTRUCTION OF THIS PROJECT.
- 7. BRACING OF UTILITY POLES MAY BE REQUIRED BY UTILITY COMPANIES WHEN TRENCHING OR EXCAVATION IS IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK, THE COST IS INCIDENTAL TO THE VARIOUS PAY ITEMS FOR THE PROJECT.
- 8. THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE RECORDS AND ARE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS. ELEVATIONS, AND DIMENSIONS OF ADJACENT AND/OR CONFLICTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION IN ORDER THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE CONTRACTOR SHALL PRESERVE AND PROTECT PUBLIC UTILITIES AT ALL TIMES DURING CONSTRUCTION. ANY DAMAGE TO UTILITIES RESULTING FROM CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER SHALL BE NOTIFIED WHEN PROPOSED FACILITY GRADES CONFLICT WITH EXISTING UTILITY GRADES.
- 9. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY. INCLUDING. BUT NOT LIMITED TO FENCES, WALLS, PAVEMENT, GRASS, TREES, AND LAWN SPRINKLER OR IRRIGATION SYSTEMS AT NO COST TO THE OWNER. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT (UNLESS OTHERWISE NOTED) AND IS NOT A SEPARATE PAY ITEM.
- 10. THE CONTRACTOR SHALL REMOVE SURPLUS MATERIAL FROM THE PROJECT AREA. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND IS NOT A SEPARATE PAT ITEM.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
- 12. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWP3 WITH INSPECTION REPORTS, AND THE CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS.
- 13. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE OWNER AND ENGINEER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
- 14. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS SHALL BE SENT TO THE ENGINEER, CONTRACTOR AND OWNER DIRECTLY FROM THE TESTING AGENCY.
- 15. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES AND/OR UTILITY SERVICE COMPANIES SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO PROJECT ACCEPTANCE AND THE FINAL CONNECTION OF SERVICES.
- 16. CONTRACTOR SHALL VERIFY BENCHMARKS AND DATUM PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS.
- 17. CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. OWNER AND ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.
- 18. ALL HORIZONTAL DIMENSIONS GIVEN ARE TO FACE OF CURB AND TO PIPE CENTERLINES UNLESS OTHERWISE NOTED ON PLANS.

- 19. ALL CUT OR FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE SHOWN.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND IS NOT A SEPARATE PAY ITEM.
- 21. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER, A COPY OF RECORD DRAWINGS IDENTIFYING ALL DEVIATIONS OR VARIATIONS FROM THE ORIGINAL
- 22. CONTRACTOR SHALL GIVE NOTICE TO ALL AFFECTED PARTIES AND ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES OR RAILROADS AFFECTED BY HIS OPERATIONS, AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- 23. IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PROVIDE AN INSTALLATION COMPLETE IN EVERY RESPECT. IF THE CONTRACT DOCUMENTS DO NOT SUFFICIENTLY DESCRIBE THE FINAL PRODUCT, THE CONTRACTOR SHALL BRING SUCH TO THE ATTENTION OF THE ENGINEER. UNLESS OTHERWISE SPECIFIED, IT IS THE CONTRACTOR'S RESPONSIBILITY FOR METHODOLOGY OF CONSTRUCTION TO COMPLETE THE WORK INDICATED OR SPECIFIED. CONTRACTOR IS TO PROVIDE SAME AND PROVIDE MATERIALS AND EQUIPMENT USUALLY FURNISHED WITH SUCH SYSTEMS OR REQUIRED TO COMPLETE THE INSTALLATION, WHETHER SPECIFICALLY MENTIONED OR NOT.
- 24. CONTRACTOR SHALL COMPLY WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS AND REGULATIONS, AS WELL AS ANY OTHER APPLICABLE FEDERAL, STATE, OR LOCAL HEALTH AND SAFETY STANDARDS, LAWS, OR REGULATIONS. FAILURE TO COMPLY WITH THE REQUIREMENTS SPECIFIED SHALL BE CONSIDERED JUST AND SUFFICIENT CAUSE FOR OWNER TO STOP WORK
- 25. CONTRACTOR SHALL COMPLY WITH TEXAS HOUSE BILL 1569, EFFECTIVE SEPTEMBER 1, 1989, TO MAINTAIN A VIABLE TRENCH SAFETY SYSTEM AT ALL TIMES AS WELL AS THE U.S. DEPARTMENT OF LABOR, OSHA, "CONT. SAFETY AND HEALTH REGULATIONS", COL. 29, SUB PART P, AND AMENDMENTS THERETO. SHEETING, SHORING, BRACING, AND OTHER TRENCH SAFETY COSTS SHALL BE SUBSIDIARY TO THE COST CONSTRUCTION (NO EXTRA PAY).

GAS, ELECTRIC, TELEPHONE NOTES

- CONTRACTOR SHALL CONTACT NECESSARY FRANCHISE UTILITY COMPANIES PRIOR TO CONSTRUCTION, IN ORDER TO LOCATE AND/OR DISCONNECT EXISTING SERVICES, AND TO COORDINATE
- 2. ANY FRANCHISE UTILITY LOCATIONS SHOWN ON THESE DRAWINGS ARE CONCEPTUAL ONLY. THE CONTRACTOR SHALL COORDINATE THE EXACT DESIGN, ALIGNMENT, INSTALLATION REQUIREMENTS AND COST SHARING ARRANGEMENTS WITH THE INDIVIDUAL UTILITY PROVIDERS AND THE PROJECT OWNER. THE CONTRACTOR SHALL INCLUDE IN THE BASE BID, ALL ASSOCIATED COSTS TO INSTALL FRANCHISE UTILITY (GAS, ELEC, PHONE, CABLE) SERVICE TO PROPOSED BUILDINGS. THE CONTRACTOR SHALL ESTABLISH ADEQUATE LEAD TIME IN THEIR CONSTRUCTION SCHEDULE FOR COORDINATING AND PROCURING FRANCHISE UTILITY SERVICES.

GRADING NOTES

- 1. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN). IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT THE CONTRACTOR'S EXPENSE.
- 2. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE FROM THE FUTURE BUILDINGS AND NO PONDING IN PAVED AREA. CONTRACTOR FIELD ADJUSTMENTS TO SPOT GRADES TO MAINTAIN POSITIVE DRAINAGE ARE ALLOWED WITH THE PRIOR APPROVAL OF THE ENGINEER. CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PAVING, IF ANY AREAS OF POOR DRAINAGE ARE ENCOUNTERED.
- 3. THE CONTRACTOR SHALL PROTECT ALL MANHOLE COVERS, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, POWER POLES, GUY WIRES, AND TELEPHONE BOXES WHICH ARE TO REMAIN IN PLACE AND UNDISTURBED DURING CONSTRUCTION.
- 4. THE CONTRACTOR SHALL CALCULATE THEIR OWN EARTHWORK QUANTITIES TO DETERMINE THEIR BID. THE CONTRACTOR IS EXPECTED TO CONSTRUCT THE PROJECT PER THE APPROVED GRADING PLANS.
- 5. ALL FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698, STANDARD PROCTOR DENSITY.
- 6. THE MOISTURE CONTENT FOR GENERAL EARTH FILL SHOULD BE BETWEEN - 2 AND +5 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT.

PAVING AND STRIPING NOTES

- 1. TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN AGENCY, APPROVED BY THE OWNER, FOR TESTING MATERIALS. PROCUREMENT OF THE TESTING LABORATORY AND THE PAYMENT OF SUCH TESTING SERVICES SHALL BE MADE BY THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE, BY THE STANDARD TESTING PROCEDURES, THAT THE WORK CONSTRUCTED MEETS THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
- 2. ALL SIGNS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES REQUIRED FOR THE PROJECT SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (TMUCD).
- 3. SIGN LOCATIONS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH NCTCOG STANDARDS. THE CONTRACTOR SHALL REVIEW LOCATION OF ALL TRAFFIC CONTROL DEVICES WITH THE OWNER PRIOR TO INSTALLATION.
- 4. ANY EXISTING CONCRETE OR ASPHALT TO BE REMOVED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND IS NOT A SEPARATE PAY
- 5. THE PAVING CONTRACTOR AND THE UTILITY CONTRACTOR SHALL COORDINATE TO ENSURE THAT ALL UTILITY SERVICE CONNECTIONS AND CONDUITS ARE IN PLACE PRIOR TO BEGINNING ANY PAVING ACTIVITIES.
- 6. STEEL REINFORCEMENT BARS SHALL BE USED. REFER TO COG ITEM 303.2.9 SPECIFICATIONS.
- 7. THE CONTRACTOR SHALL INSTALL SUPPORTING CHAIRS FOR REINFORCING STEEL ON A ONE SQUARE YARD SPACING IN ALL CONCRETE PAVEMENTS. THE CHAIRS ARE TO BE PLASTIC AND INSTALLED AS PER COG ITEM 303.2.11 SPECIFICATIONS.
- 8. PORTLAND CEMENT SHALL BE AS PER COG ITEM 303 SPECIFICATIONS.
- 9. AGGREGATES SHALL BE AS PER COG ITEM 303.2 SPECIFICATIONS.
- 10. CONCRETE FOR ALL PAVING SHALL HAVE A MINIMUM STRENGTH OF 3,600 PSI WHEN TESTED AT 28 DAYS. 6.5 SACK HAND POUR.
- 11. FOR HAND FORMED PAVING, ALLEYS, SIDEWALKS, AND DRIVEWAYS SLUMP SHALL BE AN AVERAGE OF FOUR INCHES WITH A MAXIMUM OF FIVE INCHES. REFER TO COG ITEM 303.3.4.4 SPECIFICATIONS.
- 12. THE CONTRACTOR SHALL USE A LIQUID MEMBRANE-FORMING COMPOUND AS PER COG ITEM 303.2.13.1.1 SPECIFICATIONS.

TRAFFIC CONTROL NOTES

- 1. ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), LATEST VERSION.
- 2. ALL TEMPORARY SIGNS, BARRICADES, WARNING LIGHTS AND OTHER MISCELLANEOUS TRAFFIC CONTROL MEASURES SHALL BE REMOVED AND ORIGINAL PERMANENT SIGNS AND PAVEMENT MARKINGS REPLACED AT THE END OF THE CONTRACTOR'S CONSTRUCTION OPERATIONS.
- 3. CONTRACTOR SHALL COVER STREET EXCAVATIONS WITH ADEQUATE ANCHORED STEEL PLATES DURING NONWORKING HOURS AND OPEN LANES OF TRAFFIC FLOW.

RECORD DRAWING

THIS RECORD DRAWING IS A COMPILATION OF THE

SEALED ENGINEERING DRAWING FOR THIS PROJECT

MODIFIED BY ADDENDA, CHANGE ORDERS AND

INFORMATION FURNISHED BY THE CONTRACTOR AND

OTHERS. CHANGES FROM THE SEALED ENGINEERING DRAWING SHOWN ON THIS RECORD DRAWING HAVE

BEEN FIELD VERIFIED FOR COMPLETENESS.

DATE: 4/17/14

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WATER NOTES

- 1. ALL 4"-12" WATER DISTRIBUTION PIPE MUST BE PVC, AWWA C900, DR-14 (MINIMUM), CLASS 200 PSI PIPE, BLUE IN COLOR WITH GASKETS MEETING ASTM F477 AND JOINTS IN COMPLIANCE WITH ASTM D3139.
- 2. ALL VALVES 2" THROUGH 12" MUST BE RESILIENT SEAT GATE VALVE, AND MUST MEET ALL AWWA AND FIRE PROTECTION STANDARDS (MUELLER AND KENNEDY ONLY PER CITY OF ROCKWALL PUBLIC
- 3. VALVE BOXES ARE TO BE ADJUSTABLE CAST IRON TWO PIECE WITH LIDS MARKED "WATER".
- 4. ALL MECHANICAL TYPE FITTINGS MUST BE DUCTILE IRON TYPE THAT MEETS ALL C110/A21-10 ANSI/AWWA STANDARDS. ALL FITTINGS SUBJECT TO THRUST SHALL BE THRUST BLOCKED AS SHOWN ON DETAILS. ADDITIONALLY, FITTINGS SHALL HAVE MECHANICAL JOINT RESTRAINTS, EBAA IRON SERIES 2000 PV (MEGALUG) OR APPROVED
- 5. ALL DUCTILE IRON FITTINGS MUST BE WRAPPED WITH 2 LAYERS OF 6 MIL PLASTIC WRAP AND SECURELY TAPED.
- 6. ALL DUCTILE IRON TEES MUST BE ANCHOR TYPE.
- 7. PRIOR TO BEING PLACED INTO SERVICE. ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH NCTCOG STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION.
- 8. INSTALL BLUE EMS LOCATOR PADS AT 250', EVERY CHANGE IN DIRECTION AND VALVE
- 9. TAPPING SLEEVES SHALL BE STAINLESS STEEL OR EPOXY COATED STEEL. NUTS AND BOLTS SHALL BE STAINLESS STEEL.
- 10. ALL WATER MAINS 2"-12" DIA. SHALL MAINTAIN A MINIMUM COVER OF
- 11. ALIGNMENT CHANGES SHALL BE LIMITED TO LESS THAN 85% OF THE PIPE MANUFACTURER'S ALLOWABLE JUST DEFLECTION OR SHALL BE MADE USING DUCTILE IRON FITTINGS. ALIGNMENT DEFLECTIONS OTHER THAN AT PIPE JOINTS SHALL NOT BE MADE.
- 12. EXISTING AND/OR PROPOSED WATER MAINS SHALL BE LOWERED BELOW OR ABOVE PROPOSED SANITARY AND STORM SEWER LINES TO MAINTAIN A MINIMUM OF 2.0 FEET OF VERTICAL SEPARATION. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 9-FEET (OUTSIDE TO OUTSIDE) SEPARATION BETWEEN SANITARY SEWER AND WATER

GENERAL UTILITY NOTE

ALL UTILITIES MAY NOT BE SHOWN ON THE PLANS. LOCATION OF EXISTING UTILITIES DEPICTED ON THE PLANS ARE APPROXIMATE IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. UTILITIES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALI BE REPAIRED AT THE CONTRACTORS EXPENSE.

WARNING TO CONTRACTOR

CALL 1-800-344-7377 (DIG TESS) OR OTHER UTILITY LOCATION SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. FOR AT&T, ATMOS, ONCOR AND CHARTER COMMUNICATIONS. CALL CITY OF ROCKWALL SERVICE CENTER AT 972-771-7730 FOR CITY UTILITY LOCATIONS BAIRD, HAMPTON & BROWN, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES OR DEPICTING EXACT LOCATIONS ON ALL DRAWINGS.

2013-02-27

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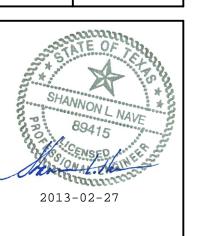


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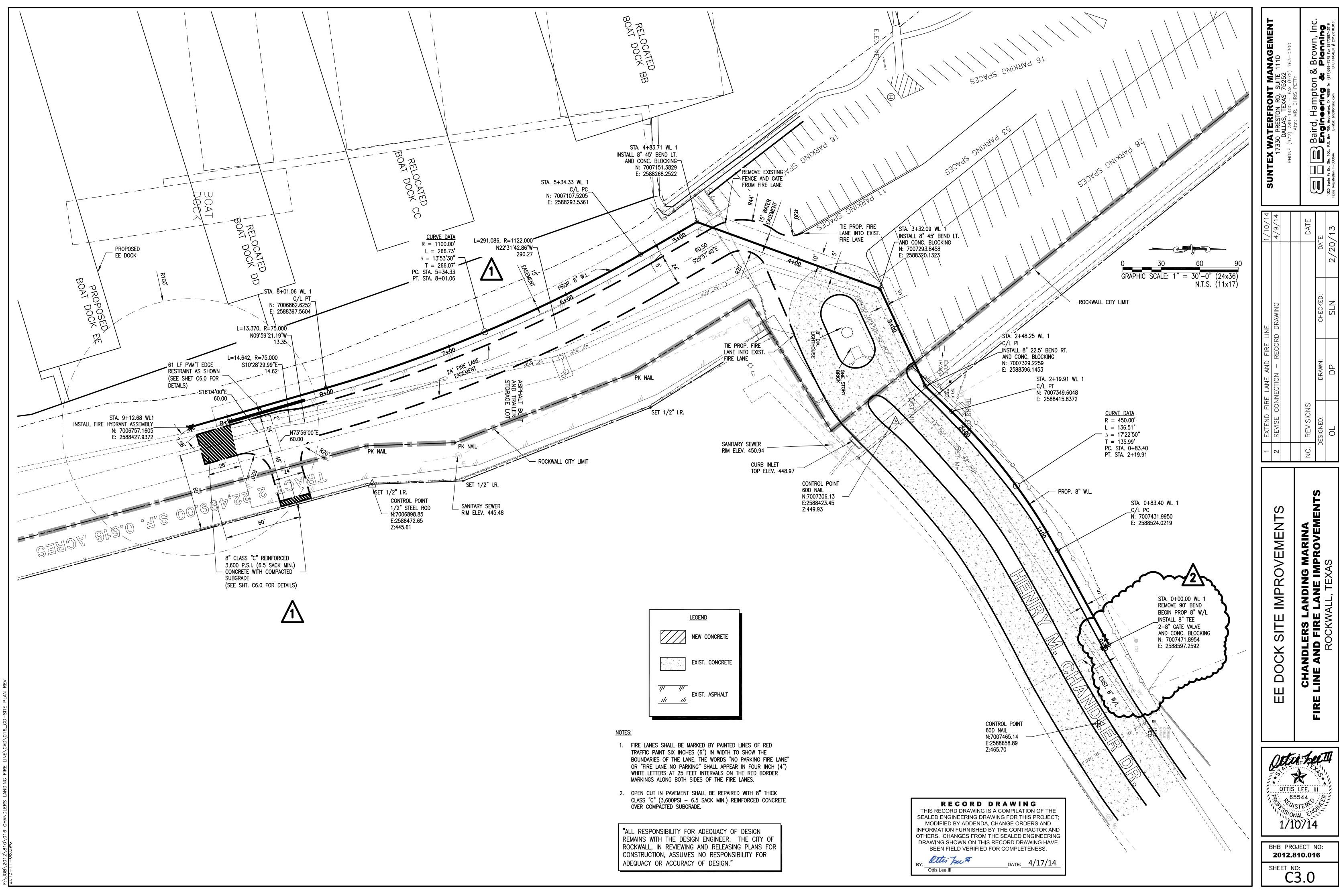
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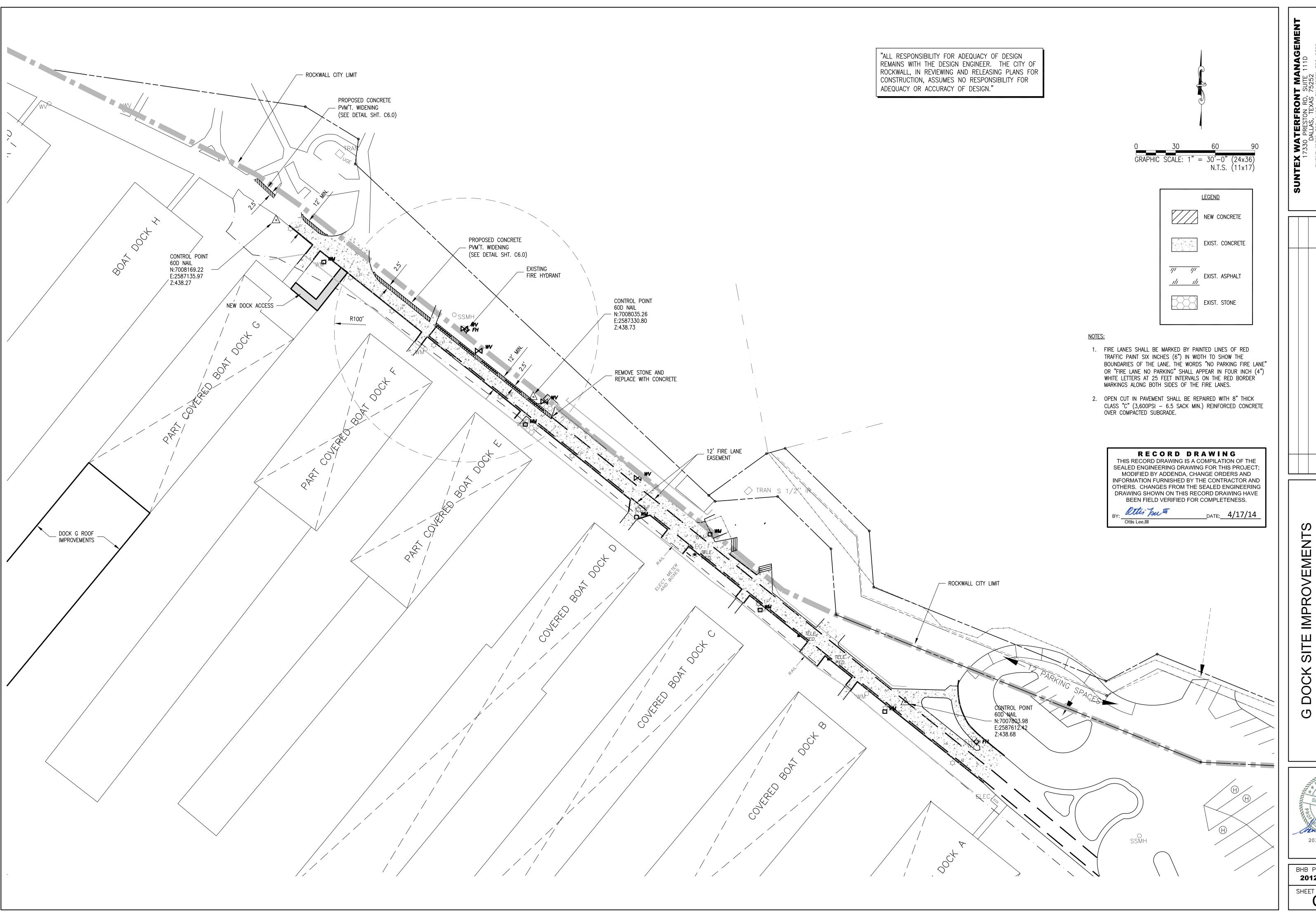


BHB PROJECT NO: 2012.810.016

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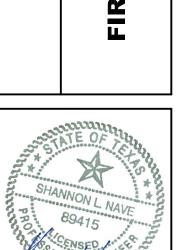
SUNTEX WATERFRONT MANAGEMENT
17330 PRESTON RD, SUITE 111D
DALLAS, TEXAS 75252
PHONE (972) 789-1400 - FAX (972) 763-0300
Attn: MR. CHRIS PETTY

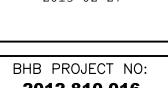
Attn: MR. CHRIS PETTY

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BHB PROJECT # 2012.810.016

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CHANDLERS LANDING MARINA
LINE AND FIRE LANE IMPROVEMENTS
ROCKWALL, TEXAS

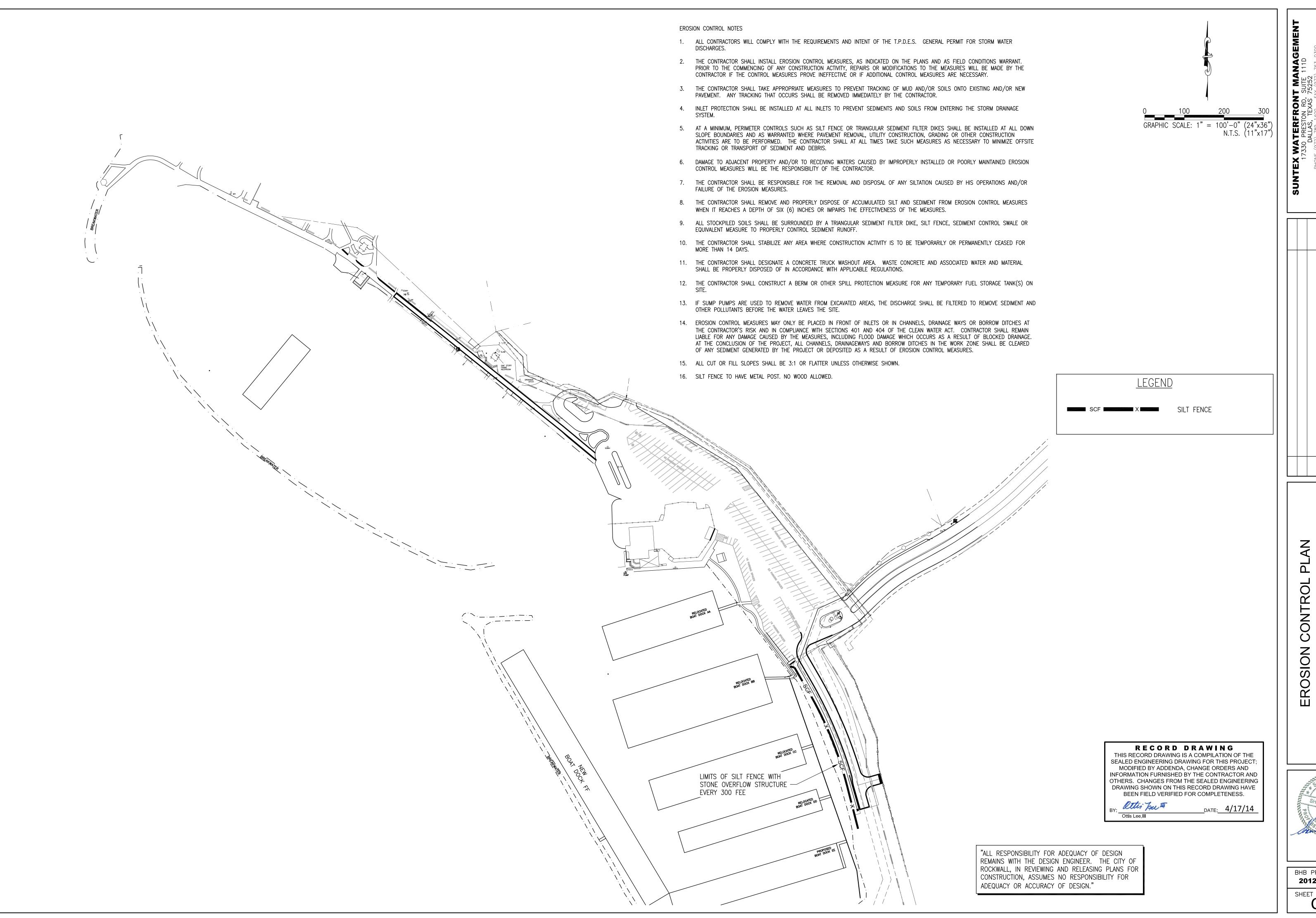




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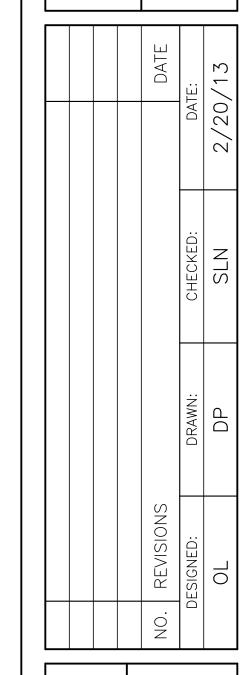
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EROSION CONTROL PLAN
CHANDLERS LANDING MARINA
LINE AND FIRE LANE IMPROVEME

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BHB PROJECT NO: **2012.810.016**

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BHB PROJECT NO: 2012.810.016 SHEET NO: C6.0

1. CONCRETE BE CLASS "C" 3600 P.S.I. (6.5 SACK MIN.) PER NCTCOG 303.3.4.2 JOINT SEALANT SHALL BE HOT POURED POLYMER OR READY MIXED COLD APPLIED PER NCTCOG 303.2.14
 MATCH CONTRACTION / EXPANSION JOINTS LOCATIONS WITH ADJACENT PAVEMENT. #3 BAR (BENT) @ 18" O.C. — EX. 4" - 6" CONC. PAVEMENT

PAVEMENT EDGE RESTRAINT DETAIL

PAVEMENT WIDENING DETAIL

6" MIN.

2'-6" PAVEMENT WIDENING

∠ 6" COMPACTED SUBGRADE

1/2"x1-1/2" SAWED (OR FORMED) GROVE WITH JOINT SEALING

COMPOUND

THE FOLLOWING DETAILS FROM THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION STANDARD SHALL BE USED FOR THIS PROJECT:

1020A	SILT FENCE
1020B	SILT FENCE
2050	REINFORCED CONCRETE PAVEMENT JOINTS
2070	REINFORCED CONCRETE PAVEMENT STREET HEADERS
2190	PAVEMENT SYSTEMS GENERAL NOTES
3030	EMBEDMENT CLASS "B-2", "B-3", "B-4"
3070A	PAVEMENT CUT AND REPAIR CONCRETE AND PARKWAY
3070B	PAVEMENT CUT AND REPAIR ASPHALT
4010A	HORIZONTAL THRUST BLOCK AT PIPE BEND
4010B	HORIZONTAL THRUST BLOCK AT PIPE BEND
4010C	HORIZONTAL THRUST BLOCK AT PIPE BEND
4020	HORIZONTAL THRUST BLOCK AT TEES AND PLUGS
4040	THRUST BLOCK GENERAL NOTES
4050	GATE VALVE 4" TO 12" BOX & EXTENSION STEM
4120	FIRE HYDRANT INSTALLATION

RECORD DRAWING
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