

SITE CONSTRUCTION PLANS

FOR

GOLDEN CHICK RESTAURANT

SITE LOCATION 1101 SHREVEPORT BARKSDALE HIGHWAY SHREVEPORT CITY, CADDO PARISH, LOUISIANA

EXECUTIVE DIRECTOR APPROVAL

PREPARED BY:





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DEVELOPMENT TEAM

RESTAURANT



GENERAL NOTES

- LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE THILE OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES, AFFECTING THIS WORK, PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL CALL "LA 811" AT 1-800-272-3020, AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, TO ARRANGE FOR FIELD LOCATIONS OF BURIED UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUBCONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENT.
- 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT INSPECTION AND CERTIFICATION REQUIREMENTS SPECIFIED BY THE VARIOUS COVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL DOTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS/REQUIREMENTS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRE-CAST AND MANUFACTURED ITEMS TO THE OWNER'S ENGINEER FOR APPROVAL, PRIOR TO ORDERING. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY SERVICE STUB-OUTS (WATER, SANITARY SEWER, etc.) ARE TO BE INSTALLED TO WITHIN 5' OF BUILDING(S), UNLESS OTHERWISE NOTED ON PLANS.
- CONTRACTOR TO COORDINATE WITH THE APPLICABLE ELECTRIC UTILITY SUPPLIER REGARDING ANY NECESSARY RELOCATION(S) OF UNDEFORMOUND AND/OR OVERHEAD ELECTRIC FACILITIES, AND FOR THE LOCATION AND INSTALLATION OF TRANSFORMER PAGE) AND ASSOCIATED ELECTRIC FACILITIES.

- B. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
- C. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF LOUISMAN, DEPARTMENT OF TRANSPORTATION DESIGN MANUAL SHALL BE FOLKIONED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIESS RECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HUZAROS WITHIN THE PROJECT LIMITS.
- E. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
- IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
- 10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY "ON-SITE PIPING INSTALL BE INEX-PORSIBILITY IN THE CONTINUOUS TO STATE PARTY AND THE PARTY PAR
- 11. THE GRAPHIC INFORMATION DEPICTED ON THESE PLANS HAS BEEN COMPILED TO PROPORTION BY SCALE AS ACCURATELY AS POSSIBLE. HOWEVER, DUE TO REPRODUCTIVE DISTORTION, REDUCTION, AND/OR REVISIONS, INFORMATION CONTAINED HEREIN IS NOT INTENDED TO BE SCALED FOR CONSTRUCTION PURPOSES.
- 12. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED HEREIN SHALL BE OF THE LATEST REVISION.
- ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
- 14. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH ANY OTHER WORK BEING PERFORMED ON-SITE BY OTHER CONTRACTORS/ SUBCONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE ITS ACTIVITIES ACCORDINGLY.

AS-BUILT NOTE

UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH THE OWNER'S ENGINEER WITH COMPLETE "AS-BUILT" INFORMATION, CERTIFIED BY A RECISTERED LAND SURVEYOR. THIS
"AS-BUILT" INFORMATION SHALL INCLUDE INVERT ELEVATIONS, DRAINAGE STRUCTURES, WEIRS,
LOCATIONS OF STRUCTURES FOR ALL UTILIES INSTALLED, AS WELL AS TOP OF BANK, TOE OF
SLOPE AND GRADE BREAK LOCATIONS AND ELEVATIONS FOR POND AND DITCH/SWALE STRUCTION. NO ENGINEER'S CERTIFICATIONS FOR CERTIFICATE OF OCCUPANCY (C.O.)
POSES WILL BE MADE UNTIL THIS INFORMATION HAS BEEN RECEIVED AND APPROVED BY THE

TESTING & INSPECTION REQUIREMENTS (WATER)

- 1. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL REMAIN UNDCOKED UNTIL PROPERLY PRESSURE TESTS OF AS-BUILT, AND ACCEPTED BY THE OWNER'S ENGINEER. PRESSURE TESTS TO BE IN ACCORDANCE WITH APPLICABLE WATER DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY THE OWNER'S ENGINEER AND APPLICABLE AGENCY INSPECTORS 46 HOURS IN ADVANCE OF PERFORMING TESTS.
- 2. CONTRACTOR SHALL ARRANGE FOR CHLORINATION AND BACTERIOLOGICAL SAMPLING, AND OBTAIN CLEARANCE OF DOMESTIC AND FIRE LINE WATER SYSTEM(S). COPIES OF ALL BACTERIOLOGICAL TEST RESULTS ARE TO BE SUBMITTED TO THE OWNER'S ENGINEER, IMMEDIATELY UPON COMPLETION OF THE WATER SYSTEM, FOR CERTIFICATION PURPOSES.

CLEARING & SITE PREPARATION NOTES

- . THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE EROSION CONTROL DEVICES, AS SHOWN ON THE CONSTRUCTION PLANS, PRIOR TO ANY SITE CLEARING REFER TO. THE "EROSION CONTROL NOTES" SECTION CONTAINED HEREIN FOR ADDITIONAL
- 2. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN, AS INDICATED ON THE CONSTRUCTION PLANS, SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL TREE ORDINANCES, AND DETAILS CONTRINED IN THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION. NO TREE(S) SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE OWNER AND THE LOCAL AGENCY HAVING JURISDICTION OVER THESE ACTIVITIES.
- 3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. ALL DISTURBED AREAS MUST BE SEEDED, MULCHED, SODDED OR PLANTED WITH OTHER APPROVED LANDSCAPE MARKENI, IMMEDIATELY POLICOWING CONSTRUCTION.
- 4. STRIPPED TOPSOIL REMOVED DURING CLEARING AND GRUBBING ACTIVITIES SHALL BE STOCKPILED, TO BE USED FOR LANDSCAPINE PURPOSES, UNLESS OTHERWISE DIRECTED BY THE OWNER. REDAMINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCANDION IS TO BE UTILIZED ON—SITE, PROVIDED THE MATERIAL IS DEEMED SUITABLE BY THE OWNER'S SOILS TESTING COMPANY. EXCESS MATERIAL IS TO EITHER BE STOCKPILED ON—SITE, AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER, OR REMOVED FROM THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING EXCESS EXARTHWORK FROM THE SITE.
- ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE, BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
- THE CONTRACTOR IS TO PREPARE THE SITE IN ACCORDANCE WITH THE SOILS REPORT, COPIES OF WHICH ARE AVAILABLE THROUGH THE OWNER OR SOILS TESTING COMPANY DIRECTLY.

EROSION CONTROL NOTES

- 1. CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIERS (HAY BALES OR SILTATION CURTANS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, CONTRACTOR SHAUL PLACE STRAW, MULTON OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXT STEE. IF, IN THE OPPHION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSING QUANTITIES OF LATTH ARE TRAINSPORTED OFF—SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTORS IS TO REMOVE SAUD EARTH TO THE SATIFACTION OF THE ENGINEER AND/OR
- 2. THE CONTRACTOR SHALL LIMIT THE DISCHARGE OF TURBID WATERS OFF—SITE, OR INTO ON-SITE/OFF—SITE WETLANDS (IF APPLICABLE), TO NO MORE THAN THE SPECIFIED NTU'S (NEPHELOMETRIC TURBIDITY UNITS) COVERNED BY THE APPLICABLE GOVERNING JURISDICTION, ABOVE BACKGROUND LEVELS.
- 3. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTABLE METHODS.
- CONTRACTOR SHALL INSPECT AND MAINTAIN ON A DAILY BASIS ALL EROSION/SEDIMENTATION CONTROL FACILITIES.
- 5. THE CONTRACTOR SHALL ENSURE THAT SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-MALF THE DEPTH OF THE SILTATION CONTROL BARRIER SHALL BE IMMEDIATELY REMOVED AND PLACED IN DIPLAND AREAS.
- 6. CONTRACTOR SHALL MAKE SURE THAT UNDUE SOIL/SAND IS NOT TRACKED OFFSITE, IF IT BECOMES AN ISSUE, CONTRACTOR SHALL ADD A CONSTRUCTION ENTERACE WITH SEDIMENT REMOVAL (GRAVEL DRINE) AND SHALL REMOVE ANY SEDIMENT/SOIL TRACKED OFFSITE DAILY OR SOONER.

CONSTRUCTION SITE WORK TESTING

- ALL SITE WORK CONSTRUCTION TESTING SHALL BE PERFORMED BY A CERTIFIED/LICENSED GEOTECHNICAL ENGINEERING FIRM.
- ALL SITE WORK CONSTRUCTION TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROJECTS GEOTECHNICAL REPORT AND/OR THE TESTING PARAMETERS OF THE LOCAL MUNICIPALITY/AGENCY HAVING JURISDICTION OVER THE SITE WORK. THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
- 3. COPIES OF PASSING TEST RESULTS SHALL BE PROVIDED TO THE DEVELOPER, ENGINEER OF RECORD, CONTRACTOR AND LOCAL MUNICIPALITY/AGENCY FOR PURPOSES, SUCH AS BUT NOT LIMITED TO, CERTIFICATION, AND ACCEPTANCE OF FACILITIES BY THE DEVELOPER AND/OR MUNICIPALITY/AGENCY.
- THE SERVICES OF A CONSTRUCTION TESTING GEOTECHNICAL FIRM SHALL BE RETAINED BY THE DEVELOPER, UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS.
- 5. ENGINEER WILL NOT BE RESPONSIBLE FOR SCHEDULING, COORDINATION OR EVALUATION OF THE SOILS TESTING AND CERTIFICATIONS, IT SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER/DEVELOPER TO MAKE THE NECESSARY ARRANGEMENTS DIRECTLY WITH THE SOILS TESTING LABORATORY/GEOTECHNICAL FIRM AND THE SITE CONTRACTOR.

TESTING & INSPECTION REQUIREMENTS (SANITARY)

- . ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNERS ENGINEER AND APPLICABLE MUNICIPALITY/AGENCY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AB HOURS IN ADMANCE TO SCHEDULE INSPECTION(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS ASSOCIATED WITH A TELEVISED INSPECTION (TV) OF THE PROPOSED GRAVITY SEWER UNE CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE COPIES OF THE TV INSPECTION TAPE TO THE ENGINEER, THE OWNER AND THE APPLICABLE MUNICIPALITY/AGENCY.
- THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON ALL GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. THE SCHEDULING, COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE
- ALL FORCE MAINS (IF APPLICABLE) SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JUNISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. THE SCHEDULING, COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTORS' RESPONSIBILITY.

PAVING & GRADING NOTES

- 1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER, THE OWNERS ENGINEER, OR OWNERS SOLIS TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL STROM THE SITE.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACHING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPUREAWACES ARE BEING PLACE.
- 3. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOLIS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.
- PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES UNLESS OTHERWISE NOTED.
- 5. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES.
- CONTRACTOR SHALL SAW CUT, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT, PER DETAILS HEREIN.
- CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER
 TO THE LATEST EDITION OF LOUISIANA DEPARTMENT OF TRANSPORTATION DESIGN MANUAL FOR
 DETAILS AND SPECIFICATIONS OF ALL LADOTD TYPE CURB AND GUTTERS CALLED FOR IN THESE
 PLANS.
- 8. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE SOILS ENGINEER FOR APPROVAL.
- 9. CONTRACTOR TO PROVIDE A $1/2^{\circ}$ TO 1° BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (STRUCTURES, OTHER PLACED CONCRETE, ETC.)
- 11. THE CONTRACTOR WILL STABILIZE. BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS, ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAYMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.

TESTING & INSPECTION REQUIREMENTS (PAVING & GRADING)

- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH SITE SPECIFIC GEOTECHNICAL REPORT FOR THE STIE, AS WELL AS THE TESTING SCHEDULE REQUIRED BY THE STATE AND THE AFFECTED MUNICIPALITY. UPON COMPLETION WORK, THE SOILS ENGINEER MILL SUMMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
- A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS AND THE VARIOU AGENCIES. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FALURE OF ANY TESTS TO IN THE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.

SANITARY SYSTEM NOTES

- ALL DIP PIPE SHALL BE CLASS 50 OR HIGHER. ADEQUATE MEASURES AGAINST CORROSION SHALL BE UTILIZED.
- ALL PVC PIPE SHALL BE SOLID WALL POLYMIN'L CHLORIDE PIPE AND COMPLY WITH ASTM D 3034 AND ALL APPLICABLE ASTM DOCUMENTS AS COVERED IN SECTION NO. 2 OF ASTM D 3034. MAIN LINES SHALL BE A MINIMUM OF 8" DIAMETER, AND LATERALS SHALL BE A MINIMUM 6 "DIAMETER."
- ALL SANITARY SEWER MAINS, LATERALS AND FORCE MAINS SHALL HAVE A MINIMUM OF 36 INCHES
 OF COVER, UNLESS OTHERWISE NOTED ON PLANS.
- 4. ALL GRAVITY SEWERS MUST BE SDR 35 PVC OR DIP CLASS 54 PIPE, ALTERNATIVES MUST BE APPROVED BY APPLICABLE JURISDICTION/ENGINEER OF RECORD. ELASTOMERIC GASKET JOINTS SHALL BE UTILIZED FOR PVC PIPE, AND SHALL COMPLY WITH ASTM F477, ASTM D3231 & ASTM F1336. JOINTS SHALL COMPLY WITH ASTM D3212.
- . ALL PVC FORCE MAINS (IF REQUIRED) SHALL BE CLASS 200. DR 14 FOR 4" DIAMETER, AND CLASS 150, DR 18 FOR 6" TO 12" DIAMETER PIPE, IN ACCORDANCE WITH AWMA C900 STANDARDS. PVC FORCE MAIN PIPE SMALLER THAN 4" DIAMETER SHALL BE CLASS 200. SDR 21, IN ACCORDANCE WITH ASTM D 2241. FORCE MAINS SHALL BE SPIRAL WRAPPED WITH 2 INCH WIDE DARK ORCEN STICK—ON WINTL TAPE. FORCE MAINS SHALL BE SPIRAL WRAPPED WITH 2 INCH WIDE DARK ORCEN STICK—ON WINTL TAPE. FORCE MAINS SHALL BE SPIRAL WRAPPED WITH 2 INCH WIDE DARK ORCEN STICK—ON WINTL TAPE. FORCE MAINS SHIPL THE MICH OF WAY SHALL BE WIDE DARK GREEN STICK-ON VINYL TA CLASS 52 DIP, MINIMUM 3" DIAMETER.
- 7. ALL DUCTLE IRON PIPE SHALL MEET REQUIREMENTS OF AWAY C151, ANSI SPEC. A21.51.
- ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE PROMDED WITH A VIRGIN POLYETHYLENE INTERIOR LINING COMPLYING WITH ASTM D 1248 (40 MILS THICK) HEAT BONDED TO THE INTERIOR OF ALL PIPES. ALL DIP PIPE SHALL HAVE A STANDARD OUTSIDE COATING COMPLYING WITH ASTM CT51-8.1.
- ALL SLOPES FOR GRAVITY SEWER MAINS AND SERVICE CONNECTIONS SHALL COMPLY WITH THE FOLLOWING MINIMUM GRADES: 6° 1.00%, 8° 0.50%.
- ALL SANITARY SEWER WORK SHALL CONFORM WITH APPLICABLE JURISDICTIONAL STANDARD SPECIFICATIONS.
- 11. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING PROPOSED FACILITIES TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION(S) OF EXISTING CONNECTION POINT(S) AND NOTIFY THE OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
- 12. SANITARY SEWER MAINS SHALL HAVE SUITABLE MAGNETIC LOCATOR TAPE(S) BURIED AT LEAST 18 INCHES ABOVE THE MAIN LINES.
- 13. FORCE MAINS SHALL HAVE SUITABLE MAGNETIC LOCATOR TAPE(S) BURIED AT LEAST 18 INCHES ABOVE THE FORCE MAIN.

WATER SYSTEM NOTES

WATER STISTLE NOTICE MAINS, AND STORM SEWERS SHOULD ALWAYS CROSS UNDERNEATH WATER MAINS. INSTALLATIONS OF SANITARY SEWERS, FORCE MAINS AND STORM SEWERS, AT CROSSINGS OF WATER MAINS, SHALL BE PERFORMED SO AS TO PROVIDE A MINIMUM WERTICAL DISTANCE OF 18 INCHES BETWEN THE INVEST OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE, WHENCHER POSSIBLE. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER LOWER PIPE, WHENCHER POSSIBLE. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER LOWER PIPE, WHENCHER POSSIBLE. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER LOWER PIPE, WHENCHER PAY THO JOINTS, WHERE SANITARY SEWERS, FORCE MAINS, AND STORM SEWERS BUT OF FETT OF THE WATER MAIN SHALL BE CONSTRUCTED OF DIOTICE IRON PIPE (DIP), AT THE CROSSING, (OIP IS NOT REQUIRED FOR STORM SEWERS IF IT IS NOT AVAILABLE IN THE SIZE PROPOSED.) SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO (2) JOINTS IN LIEU OF DIP, THE SANITARY SEWER MAY BE PLACED IN A SLEEVE FOR 20 FEET CENTERED ON THE POINT OF CROSSING. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE LEAK FREE, AND MECHANICALLY RESTRANGED. A MINIMUM SEPARATION OF 18 INCHES BETWEEN MINIMUM SEPARATION OF 18 INCHES BETWEEN LINES, AND 10 FEET BETWEEN JOINTS CONTINUED THE CROSSING MUST BE LEAK FREE, AND OVER WATER MAINS, THE CRITERIA FOR MINIMUM SEPARATION OF 18 INCHES BETWEEN LINES, AND 10 FEET BETWEEN JOINTS CAN THE WATER MAIN SAIL BE PLACED IN A SLEEVE FOR 20 FEET CENTERED ON THE POINT OF PREVENT DAMAGE TO THE WATER MAIN ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN ALL CROSSINGS SHALL BE CARRANGED SO THAT THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN ALL CROSSINGS SHALL BE CARRANGED SO THAT THE PROPINT OF PREVENT DAMAGE TO THE WATER MAIN ALL CROSSINGS SHALL BE CARRANGED SO THAT THE SEWER TO SECURE PIPE. THE PROPOSED PIPE SHALL BE PROVIDED FOR THE SEWER TO PIPE WATER MAIN ALL CROSSING SHALL BE CA

WHEN THE RECLAIMED WATER LINE IS TRANSPORTING WATER FOR PUBLIC ACCESS IRRIGATION:
MANUAU OBTAINABLE SEPARATION OF RECLAIMED WATER LINES AND DOMESTIC WATER LINES
SMALL BE PRACTICED. A MINIMUM HORIZONTAL SEPARATION OF FIVE FEET (CENTER TO CENTER)
OR THREE FEET (OUTSIDE TO OUTSIDE) SHALL BE MAINTAINED BETWEEN RECLAIMED WATER
LINES AND ETHER POTABLE WATER MAINS OR SEWAGE COLLECTION LINES. AN 18 INCH
VERTICAL SEPARATION SHALL BE MAINTAINED AT CROSSINGS.

WHEN THE RECLAIMED WATER LINE IS TRANSPORTING WATER FOR NON-PUBLIC ACCESS WHEN THE RECLAMED WALEK LINE IS INVASOR OF THE MANY SEVER, AND A 10-FT. HERICATION. HER WATER MAN SHALL BE TREATED LIKE A SANITARY SEVER, AND A 10-FT. HERICALLE WAS AN ALL EXEMBER OF REPORTS OF THE MANY SEVER. THE RECLAMED WATER MANY AND ALL EXISTING OR PROPOSED POTABLE WATER MANY. NO MINIMUM SEPARATION IS REQUIRED BETWEEN THE RECLAMED WATER MAN AND SANITARY SEVERS, OTHER THAN DECESSARY TO ENSURE STRUCTURAL INTEGRITY AND PROTECTION OF THE LINES THEMSELVES.

- 2. A MINIMUM 10 FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF 2. A MINIMUM 10 FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER (INCLUDING FORCE MAINS) AND EXISTING OR PROPOSED WATER MAINS, IN PARALLEL INSTALLATIONS, WHENEVER POSSIBLE. THE DISTANCE FOR SEPARATION SHALL BE MEASURED EDGE TO EDGE. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE INSTALLED IN A SEPARATE TRENCH, OR IN AN UNDISTURBED EARTH SHELF, LOCATED ON ONE SIDE OF THE SEWER OF FORCE MAIN, AT SUCH AN AN AND THE SHELF OF THE SEWER OF FORCE MAIN, AT SUCH AN AN AND THE SHELF OF THE SHELF OF THE WATER HAVE BEEN AND THE SHELF OF THE SHELF OF THE WATER HAVE BEEN AND THE WATER HAVE BEEN AND THE SHELF OF THE MAINTAIN A VERTICAL DISTANCE OF 18 INCHES, IN PARALLE INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP (TO AVAILABLE IN THE SIZE PROPOSED), WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE LOCATED ABOVE THE SEWER. ON THIS WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED.
- 3. ALL DIP PIPE SHALL BE MW CLASS 50 OR PRESSURE CLASS 250. REFER TO NOTE #: 8
 BELOW FOR ADDITIONAL DIP SPECIFICATIONS. ADEQUATE MEASURES AGAINST CORROSION SHAL
 RE LITHISTED.
- ALL WATER MAIN PIPE FITTINGS AND APPURTENANCES SHALL BE INSTALLED TO COMPLY WITH APPLICABLE UTILITY DEPARTMENT SPECIFICATIONS.
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 36 INCHES OF COVER. WHERE POSSIBLE, 48" MAXIMUM COVER. 6. ALL WATER SERVICE LINES, VALVES AND METERS SHALL BE INSTALLED TO COMPLY WITH APPLICABLE MUNICIPALITY/AGENCY DEPARTMENT STANDARDS AND SPECIFICATIONS.
- 7. THRUST BLOCKING/RESTAINED JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS, IN ACCORDANCE WITH APPLICABLE UTILITY DEPT. SPECIFICATIONS.
- 8. ALL DUCTILE IRON PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA C151/A21.51. PIPE SHALL BE FURNISHED IN 18 OR 20 FOOT SECTIONS, PIPE THICKNESS SHALL BE CLASS 50, UNLESS OTHERWISE SPECIFIED..
- ALL WATER SYSTEM CONSTRUCTION, UP TO AND INCLUDING POINT OF METERING AND BACK FLOW PREVENTION (IF REQUIRED), SHALL BE BUILT ACCORDING TO THE PREVIOUSLY REFERENCED STANDARDS AND SPECIFICATIONS.
- 10. ALL ON-SITE FIRE HYDRAYIS SHALL BE PAINTED WITH HIGH GRADE ENAMEL FEDERAL, COLOR SHALL COMPLY WITH APPLICABLE UTILITY HAVING JURISDICTION, AND BE OSHA APPROVED, AND MUST BE LOCATED A MINIMUM OF 6 FEET, OR AS APPROVED BY THE APPLICABLE JURISDICTION, FROM THE EDGE OF PAVENETY OR BOCK OF CURB, OTHERWISE BOLLARDS WILL BE REQUIRED FOR PROTECTION. ALL FIRE HYDRAYTS SHALL COMPLY WITH AWWA STANDARDS C502-80
- CONTRACTOR TO INSTALL TEMPORARY BLOWOFFS, AT THE END(S) OF PROPOSED WATER MAINS AND SERVICE LATERALS TO BUILDING(S), TO ASSURE ADEQUATE FLUSHING AND DISINFECTION/CHI GRIBLATION.
- ALL WATER MAINS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWWA MANUAL M23, CONCERNING HYDROSTATIC TESTING OF PVC PIPING. OFF—SITE UTILITIES HYDROSTATIC TESTING TO BE WITHESSED BY MUNICIPAL UTILITY DEPARTMENT INSPECTOR.
- ALL WATER MAINS SHALL BE STERILIZED IN ACCORDANCE WITH THE APPLICABLE SECTION OF THE LATEST AWAS SPECIFICATION C651 AND JURISDICTIONAL UTILITY DEPARTMENT SPECIFICATIONS.
- ALL PVC WATER MAIN, 4" TO 12" DIAMETER PIPING, SHALL CONFORM TO AWWA C900 (DR 18) STANDARD SPECIFICATIONS, PRESSURE CLASS 150 PSI. ALL PVC WATER MAIN PIPING LESS THAN 4" DIAMETER SHALL BE SCHEDULE 80, PRESSURE CLASS 200 PSI.
- 15. ALL PVC WATER MAINS SHALL HAVE A SUITABLE MAGNETIC LOCATOR TAPE BURIED OVER THE WATER MAIN, BURIED NO LESS THAT 18 INCHES ABOVE MAIN LINES. THE TAPE SHALL BE AT WATER MAIN, BURIED NO LESS THAT 18 INCHES ABOVE MAIN LINES. THE TAPE SHALL BE AT LEAST 5—1/2 MILS THICK, 2 INCH MINIUM WIDTH, AND MADE WITH AN ALUMINUM MATERIAL SANDWCHED BETWEEN 2 LAYERS OF POLYETHYLENE. IT SHALL HAVE IMPRINTED, IN PERMANENT BLACK INK WITH ONE INCH TALL LETTERS, "CAUTION: WATER LINE BURIED BELOW," ON BLUE BACKGROUND. THE TAPE SHALL BE CONTINUOUS BETWEEN VALVES, AND SECURED TO EACH VALVE. WHERE OTHER LINES OF SERVICE LINES JOIN THE WATER MAIN, THE TAPE USED FOR DETECTION OF THESE LINES SHALL BE SECURED TO THE MAIN LINE TAPE.
- FIRE LINES SHALL BE INSTALLED BY A CONTRACTOR, DULY LICENSED BY THE STATE OF LOUISWAM FIRE MARSHALL'S OFFICE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO CONSTRUCTION OF THE FIRE PROTECTION SYSTEM.
- 17. FIRE PROTECTION SHALL MEET ALL THE REQUIREMENTS OF THE APPLICABLE MUNICIPALITY OR COUNTY.

EXECUTIVE DIRECTOR APPROVAL

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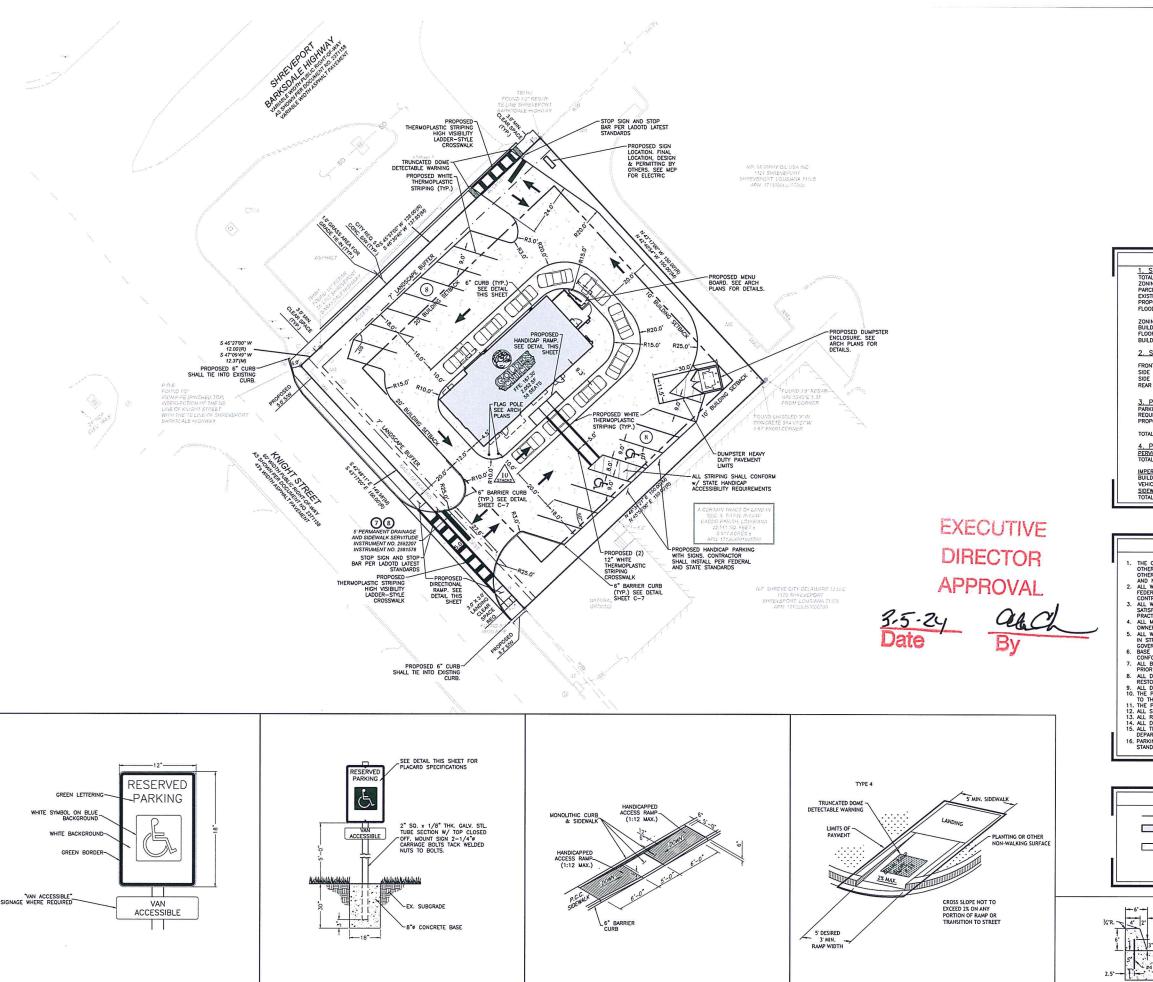
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License No. 44039
PROFESSIONAL ENGINEER CATA ENGINEERING REVOR STUBBS, P.E. A. LICENSE #44039

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ISSUE 11/01/23 01/15/24 02/22/24

CONSTRUCTION NOTES

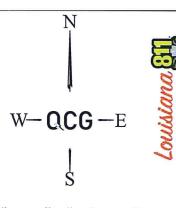
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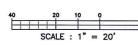


HANDICAP RAMP DETAIL N.T.S.

SIGN POST INSTALLATION DETAIL N.T.S.

HANDICAP PARKING SIGN DETAIL N.T.S.





SITE INFORMATION 1. SITE DATA
TOTAL SITE AREA
ZONING JURISDIC
PARCEL ID #:
EXISTING USE:
PROPOSED USE:
FLOOD ZONE: 0.517 AC (22,511 SF)
CITY OF SHEKEPORT
171309001005700
GAS STATION
RESTAURANT W/ DRIVE THRU
ZONE "X (REDUCED W/ LEVEE)"
PER FEMA FINI PANEL NUMBER: 22017C0477H, DATED 05/19/2014
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0.057 2. SETBACKS FRONT (NORTH): SIDE (EAST) : SIDE (WEST): REAR (SOUTH): 1 PER 300 SF G.F.A.
7 SPACES
14 SPACES (9' x 18')
2 HANDICAP SPACES (8' x 18')
16 SPACES TOTAL PROPOSED PARKING: 4. PERVIOUS/IMPERVIOUS
PERVIOUS
TOTAL PERVIOUS AREA: 5 5,718 S.F./ 0.13 AC/ 25% IMPERVIOUS BUILDING AREA: VEHICULAR USE AREA: 2,052 S.F./ 0.05 AC/ 9% 13,502 S.F./ 0.31 AC/ 60% 1,239 S.F./ 0.03 AC/ 6 % 16,793 S.F./ 0.39 AC/ 75% SIDEWALK AREA: TOTAL IMPERVIOUS AREA:

SITE PLAN NOTES

- 4. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVACED MATERIALS ARE AUTHORIZED BY THE OWNER PRIOR TO USE.

 5. ALL WORK PERFORMED ON CITY, COUNTY, AND/OR STATE OR FEDERAL RIGHT-OF-WAY SHALL BE IN STRECT COMPORANCE WITH APPLICABLE STANDARDS AND SPECIFICATIONS OF THE APPROPRIATE IN STRECT COMPORANCE WITH APPLICABLE STANDARDS AND SPECIFICATIONS OF THE APPROPRIATE CONFORM TO STATE OF LOUISIANA DEPERATION OF TRANSPORTATION, CURRENT EDITION.

 7. ALL BUILDING DIMENSIONS SHALL BE CHECKED AND COORDINATED WITH THE ARCHITECTURAL PLANS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

 8. ALL DISTURBED AREAS WITHIN SIDEWALK/ CURE AND CUTTER/ ROAD PAVEMENT SHALL BE RESTORED TO 15 DORIGINAL OR BETTER CONDITIONS.

 9. THE PROPOSED DEVELOPMENT SHALL NOT IMPACT SOUND AND SURFACE WATER FLOWS ADJACENT TO THE STIE.

 11. THE PROPOSED DEVELOPMENT SHALL NOT IMPACT ANY FLOODWAYS ADJACENT TO THE STIE.

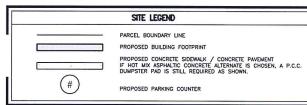
 12. ALL SIDEWALKS SHALL HAVE A WIDTH OF 5 FEET, UNLESS OTHERWISE NOTED.

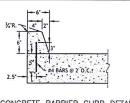
 13. ALL RADIO SHALL BE 3 FEET, UNLESS OTHERWISE NOTED.

 14. ALL TRAFFIC CONTION. SCHOOL OF SHALL SOUND SHALL BE IN CONFORMANCE WITH LOUISIANA DEPARTMENT OF TRANSPORTATION STANDARDS.

 15. ALL TRAFFIC CONTION. SCHOOL OF SHALL BE 6° WHITE STRIPES, AND SHALL CONFORM WITH LADOID STANDARDS.

 16. PARKING SPACE STRIPES SHALL BE 6° WHITE STRIPES, AND SHALL CONFORM WITH LADOID STANDARDS.

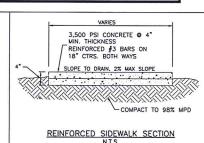




CONCRETE BARRIER CURB DETAIL

DIRECTIONAL RAMP WITHIN RADIUS

(SIDEWALK SET BACK FROM CURB)



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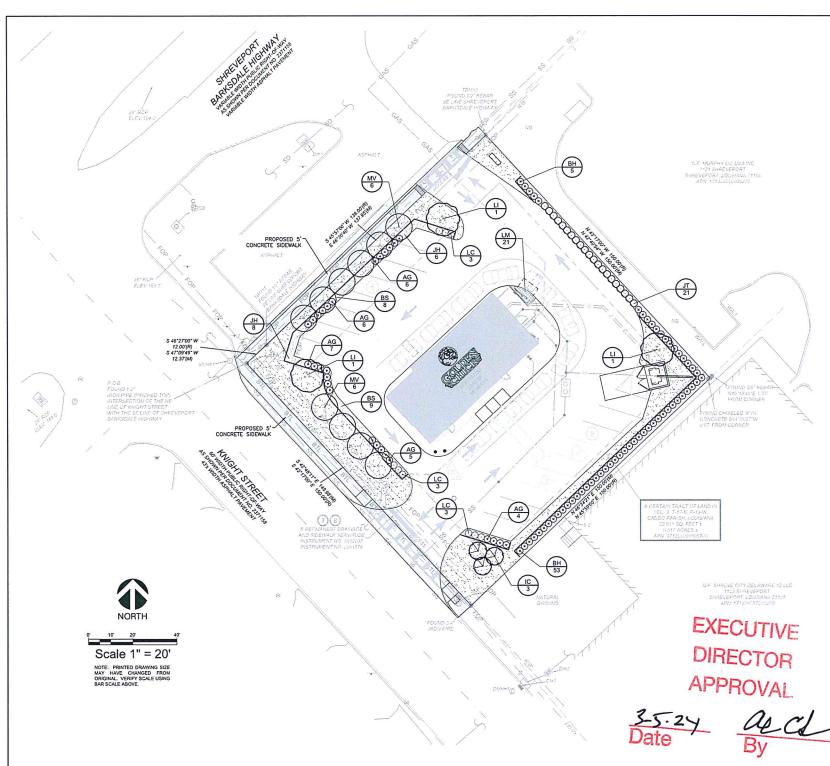
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TREVOR STUBBS, P.E. LA. LICENSE #44039 11/01/23 01/15/24 02/22/24 SITE PLAN

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TREYOR GREGORY STUBBS Ucense No. 44039
PROFESSIONAL ENGINEER

SHEET TITLE SHEET NUMBER



PLANT SCHEDULE

ORNAMENTAL TREES	S CODE	QTY B	OTANICAL / COMMON NAME	MIN. CALIPER	CONTAINER	MIN.SIZE
\mathfrak{D}_{\sim}	IC	3	llex cassine Dahoon Holly Standard	2" Cal.	Cont. or B&B	8'-10' HT
	LI	3	Lagerstroemia indica 'Tuscarora' Tuscarora Crape Myrtle Multi-Trunk, 3-5 Stems		Cont. or B&B	8° HT
	MV	10	Magnolia virginiana Sweetbay Magnolia Standard	2" Cal.	Cont. or B&B	8'-10' HT
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	MIN. CONTAINER	SPACING	MIN. SIZE @ PLANTING
•	AG	28	Abelia grandiflora Glossy Abelia	5 gal.	36" O.C.	36" Ht
1.1	BS	17	Buxus semperverens Common Boxwood	5 gal.	36" O.C.	36" Ht
\otimes	ВН	58	llex cornuta 'bufordii nana' Dwarf Burford Holly	5 gal.	36" O.C.	36" Ht
	JH	14	llex crenata 'Compacta' Japanese Holly	5 gal.	36° O.C.	36" Ht.
0	JT	21	Juniperus virginiana 'Taylor' Taylor Eastern Red Cedar	B&B or 30 Gal.	36" O.C.	5'-6' Ht.
\odot	LC	9	Loropetalum chinense Loropetalum	5 gal.	36° O.C.	36" Ht
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	MIN. CONTAINER	SPACING	SIZE
	LM	20	Liriope muscari 'Super Blue' 'Super Blue' Liriope	1 gal.	18" O.C.	
	BG	3,960 sf	Cynodon dactylon 'Tifway 419' 'Tifway 419' Bermuda Grass	Sod	Solid Coverage	

LANDSCAPE CALCULATIONS 22,506.36 SF (0.52 AC) TOTAL SITE AREA: SHADE TREES PER PER ACRE = 2 .52 ACRES X 2 = 2 TREES REQUIRED 2 TREES PROVIDED LANDSCAPE ALONG STREET RIGHT OF WAY: T' GREENSPACE MINIMUM

1 SHADE TREE OR 3 ORNAMENTAL TREES PER
500 SF OF REQUIRED PLANTING AREA <u>SHREVEPORT BARKSDALE HIGHWAY</u> 150.31' PL - 24.5' ENTRANCE = 125.81' x 7'W = 880.67 SF 880.67 SF / 500 = 2 SHADE TREES OR 6 ORNAMENTAL TREES PROVIDED 6 ORNAMENTAL TREES REQUIRED (EXISTING OVERHEAD UTILITIES) KNIGHT STREET 150.04 PL - 26.15 ENTRANCE = 123.89' x 7'W = 867.23 SF 67.23 SF 500 = 2 SHADE TREES OR 6 ORNAMENTAL TREES REQUIRED 6 ORNAMENTAL TREES PROVIDED (EXISTING OVERHEAD UTILITIES) PARKING LOT EDGE PLANTING REQUIREMENTS: 10 SHRUBS PER 500 SF OF REQUIRED PLANTING AREA 300.35' x 7' = 2,102.45 2,102.45 / 500 x 10 = 43 SHRUBS REQUIRED 68 SHRUBS PROVIDED

SIDE AND REAR BUFFERS: N/A (SITE DOES NOT ABUT A RESIDENTIAL DISTRICT)

INTERIOR PARKING LOT LANDSCAPING: 10% GREENSPACE OF TOTAL SITE 10,957 x .10 = 1,060 SF REQUIRED

SPECIES DIVERSITY: 9 TREES REQUIRED
2 TREE SPECIES REQUIRED
43 SHRUBS REQUIRED
5 SHRUB SPECIES REQUIRED

2,433 SF PROVIDED 4 TREES PROVIDED

3 TREE SPECIES PROVIDED 5 SHRUB SPECIES PROVIDED

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTUR" OR
"DEEP-ROOT 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED
IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER
MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES
SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT
COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3* THICK LAYER OF 1-1/2* SHREDDED WOOD MULCH, NATURAL (UNDYED), OVER LANDSCAPE FABRIC IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS), CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

IRRIGATION CONCEPT

- AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR
- 2. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE MATER, AND THE SYSTEM WILL HAVE APPROPRIATE
 BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT
 CONTAMINATION OF THE POTABLE SOURCE.
- 3. ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED. SODDED AND SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD
- ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
- 5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES

HYDROMULCH

THE CONTRACTOR SHALL HAND WATER ALL
HYDROMULCHED AREAS UNTIL ESTABLISHED.
NEW HYDROMULCH SHOULD BE WATERED 2-3
TIMES A DAY FOR APPROXIMATELY 10-20 MINUTES
PER WATERING CYCLE. DO NOT WATER AFTER

MAINTENENCE

THE OWNER(S), THEIR TRANSFEREE(S), TENANT(S), AND/OR THEIR AGENT(S), IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPING, ALL REQUIRED LANDSCAPING SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS MANUARY AND ORDERLY MANNER AT ALL THE
 MOWING
 EDGING
 PRUNING

- FERTILIZING
- WATERING WEEDING
- OTHER SUCH ACTIVITIES COMMON TO THE MAINTENENCE OF LANDSCAPING

GENERAL GRADING AND PLANTING NOTES

- BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND
- DETAILS WITH THIS PROJECT.
 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
 IN THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
 IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.

 BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1" OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE
 DETAILED INSTRUCTION ON TURK PAREA AND PLANTING BED PREPARATION.
 CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT, ALL LANDSCAPE AREAS
 SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFICATION THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED
 TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
 C. THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL
 AMENDMENTS TO BE ADDED (BASED ON A SOIL TEST, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED.

 d. ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH
 SURFACE. IN ORDER TO ALLOW FOR PROPER MULCH DEPTH, TAPPER THE SOIL SURFACE TO MEET FINISH GRADE ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE
 SURFACE. IN ORDER TO ALLOW FOR PROPER MULCH DEPTH, TAPPER THE SOIL SURFACE TO MEET FINISH GRADE ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE
- SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE

- SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.

 8. ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.

 1. SHOULD ANY CONFLICTS ANDIOR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.

 ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH TLANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.)

 8. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY SETWEEN THE PLAN AND THE PLAN FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.

 NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT. IF SOME OF THE PLANTS ARE NOT AVAILABLE. THE LANDSCAPE

- TAKE PRECEDENCE.

 b. NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT. IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).

 c. THE CONTRACTOR SHALL AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.

 THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 AND FOR FINAL ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.

 SES DESCRIPTIONS AND DETAILS FOR PILITED PROFILIES MENTS.
- SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.





HWAY LA 71105 (APN: Restaurant ALE HIGH PARISH, I BARKSD/, CADDO Chick ORT E Golden 1101 SHREVEPO SHREVEPORT O

LANDSCAPE PLAN

Date	Comment	

10/26/2023 cked By JP/RM

LP.

PLANTING SPECIFICATIONS

GENERAL

- ALIFICATIONS OF LANDSCAPE CONTRACTOR
 ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM
 SPECIAL IZING IN LANDSCAPE PLANTING.
 A LIST OF SUCCESSPULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE
 REQUESTED BY THE OWNER TO PRITHER QUALIFICATION MEASURES.
 THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID LANDSCAPE CONTRACTOR'S LICENSE ISSUED BY
 THE STATE OF TEASS CONTRACTOR STATE LICENSE BOARD.
- THE STATE OF TEXAS CONTRACTOR STATE LICENSE BOARD.

 SCOPE OF WORK

 1. WORK COVERED BY THESE SECTIONS INCLUES THE FURNISHING AND PAYMENT OF ALL MATERIALS. LABOR, SERVICES, ECOUPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HERRIN AND OR SHOWN ON THE LANGSCAPE PLANS, NOTES, AND DE TAILS.

 ON THE LANGSCAPE CHANS, NOTES, AND DE TAILS.

 REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY ALTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND FORTIST RECORDED BY FEDERAL STATE AND LOCAL JURIFORNITES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS.

 3. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

PRODUCTS

- A. ALL MANUFACTURED PRODUCTS SHALL BE NEW.

 B. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:

 1. READ AND SHALLED-AND-BURLAPPED PLANTS:

 2. SUCH AS INJOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISRIGUREMENT, ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MLES OF THE PROJECT SITE. AND WITH SIMILAR CLUMACTIC COMPONIONS. HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT BOOND, FREE FROM ENCIRCLING ANDORS GROLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS JAMPED ROOTS).

 2. TREES MAY BE PLANTED FROM CONTAINERS ON BALLED-AND-BURLAPPED (BAB), UNLESS SPECIFIED ON THE PLANTING LEGEND. BARE-MOOT TREES ARE NOT ACCEPTABLE. BY ANY PLANT DEEMED DUNCACEPTABLE BY THE UNDERSONED THE CONTROLLED WITH ANY DEAD CONTROLLED WAS ANY OTHER ROOTS ON THE PLANTING LEGEND. BARE-MOOT TREES AND FOR CONTROLLED WAS ANY OTHER PLANT OF LIKE TYPE AND SUE AT THE CONTRACTOR'S WIN EXPENSE. ANY PLANT DEEMED DUNCACEPTABLE BY THE UNDERSONED THE AND PLANTED OWNER SHALL BE TYPE AND SUE AT THE CONTRACTOR'S WIN EXPENSE. ANY PLANT DEEMED DUNCACEPTABLE BY AND THE AND THE ACCEPTABLE BY AND THE AND THE ACCEPTABLE BY AND THE ACCEPTABLE BY AND THE ALL THE AND THE ACCEPTABLE BY AND THE ALL THE AND THE ACCEPTABLE BY AND THE ACCEPTABLE BY AND THE AND THE ACCEPTABLE BY AND THE ACCEPTABLE BY AND THE ACCEPTABLE BY AND THE ACCEPTABLE BY AND THE AND THE AND THE ACCEPTABLE BY AND THE A

- USEU.
 PLANTING MIX FOR POTS: AN EQUAL PART MIXTURE OF TOPSOIL, SAND AND COMPOST. INCORPORATE
 PGELSCAPE", AS MADE BY AMEREO, INC., (800) 832-8788, AT THE RATE OF 3 LB. PER CUBIC YARD OF PLANTING
- GELESARE*, AS MADE BY AMERICO, INC., (80) 832-878. AT THE RATE OF 3 LB. PER CUBIC YARD OF PLANTING MERTILLERS: CRANILAR RETRILERS: CROSSTAND OF NITROGEN PHOSPHORUS, DOTASSILIM, AND OTHER NITRIBUTES IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOLL-TESTING AGENCY (SEE BELOW).

 PALM MAINTENANCE SPRESS: AS MANUFACTURED BY THE LUTZ CORP, (80) 203-7740, OR APPROVED EQUAL MULCH: SIZE AND TYPE AS INDICATED ON PLANS. FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TIME STAND. AND THE AS INDICATED ON PLANS. FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TIME STAND. AND THE AS INDICATED ON PLANS. FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TIME STAND. AND SUITABLE AS A TIME STAND. AND SUITABLE AS A TIME STAND. TWISTED, 0.105 INCH DUALETE.

 2. GUY AND TE WERE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.105 INCH DUALETE.

 3. STANS: SO LONG GREEN DERIFORCED NYLON OR CANNAS AT LEAST 1-1/2 INCH WIDE. WITH GROWMETS TO PROTECT TREE TRUNKS FROM DAVAGE.

 5. TEGEL EDDING: PROFESSIONAL STEEL EDDING, 16 GAUGE THICK X 1 INCHES MIDE, FACTORY PAINTED DARK GREEN. ACCEPTABLE MANUFACTURERS INCLIDE COL-MET OR APPROVED EQUAL.

 5. THE CONTROL TRESSIONS AND GRANDAY STANDED FREE CARREGION TERRISIDE THAT IS LABELED.

 5. THE LEDDING AND AND GRANDAY GRANDAY AND STANDING PRE-EMERGENT THER SIGNED THAT IS LABELED.

 5. SHALL BE APPLIED PER THE MANUFACTURERS LABELED RATES.

METHODS

- METHODS

 A. SOL PREPARATION

 1. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN H-0-1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE CONDITION OF THE SHORT OF THE SHAPE OF THE

 - IL PREPAINT TURF FERTILIZER (10-20-10 OR SIMILAR, SLOW RELEASE, ORGANIC) 15 LBS PER 1.000 S.F.

 IL "CLAY BUSTER" OR EQUAL USE MANUFACTURERS RECOMMENDED RATE

 TREES, SHRUBS, AND PREPAINALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP

 TREES, SHRUBS, AND PREPAINALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP

 INTO CENTER OF THE PROPERTY OF THE PROPERTY OF THE PROPAINAL AMENDMENT C.G.I. YOS. PER 1.00 S.F.

 IL "12-12-12 FERTILIZER (OR BIANLE AMENDMENT C.G.I. YOS. PER 1.00 S.F.

 IL "12-12-12 FERTILIZER (OR BIANLE AMENDMENT C.G.I. YOS. PER CU. YD.

 IN THE CONTEXT OF THE EQUAL USE MANUFACTURERS RECOMMENDED RATE

 IN IRON SULPHATE 2 LBS. PER CU. YD.

 IN THE CONTEXT OF THE SOL SURFACE (NOT TOP OF MULCH) AS NDICATED ON THE GRADING FLANS.

 BEFORE STATTING WORK. THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH

 STATE OF THE SOL SURFACE (NOT TOP OF MULCH) AS NDICATED ON THE GRADING FLANS.

 BEFORE STATTING WORK. THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH OF THE SOL SHAPPEN OF THE

 - SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL CONTINUES CONTIN

- SUBMITTALS

 1. THE CONTRACTOR SHALL PROVIDE SUBMITTALS AND SAMPLES, IF REQUIRED, TO THE LANDSCAPE ARCHITECT, AND RECEIVE APPROVAL IN WRITING FOR SUCH SUBMITTALS BEFORE WORK COMMENCE

 2. SUBMITTALS SHALL INCLUDE PHOTOS OF FRANTS WITH A RULER OR MEASURING STICK FOR SCALE, PHOTOS OR SAMPLES OF ANY REQUIRED BUILDICES, AND SOLT EST RESULTS AND PREPARATION RECOMMENDATIONS FROM THE TESTING LAB (INCLUDING COMPOST AND FRETILIZER RAVES AND TYPES, AND OTHER ANELDHEWIST FOR TREESHUE). TURK FAN SEED AREAS AS MAY BE
- APPROPRIATE).
 SUBBITTALS SHALL ALSO INCLUDE MANUFACTURER CUT SHEETS FOR PLANTING ACCESSORIES SUCH AS TREE STAKES AND TIES, EDGING, AND LANDSCAPE FABRICS (IF ANY).
 WHERE MULTIFLE TIES ARE SHOWN ON A PAGE, THE CONTRACTOR SHALL CLEARLY INDICATE THE TIEM BEING CONSIDERED.

- WHERE BULTIFLE TENS ARE SHOWN ON A PAGE. THE CONTRACTION SHALL CLEARLY NOICH ETHE
 TIER BERUNG.
 THE REPORT OF THE SHALL S

- DO NOT USE ANY SORT OF SEALERS OR WOUND PAINTS.

 TREE PLANTING.

 1. TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL AND TO A DEPTH EQUAL TO THE DEPTH OF THE ROOTBALL ESS TWO TO FOUR NICHES.

 2. SCARIFY THE SIDES AND BOTTOM OF THE PLANTING MOLE PRIOR TO THE PLACEMENT OF THE TREE. REMOVE ANY OLAZING THAT MAY HAVE BEEN CAUSED DURING THE EXCAVATION OF THE HOLE.

 3. FOR CONTAINER AND BOX TREES. TO REMOVE ANY TOPOSTITIALLY GROUNG ROOTS AND OTHER ROOT DEPECTS, THE CONTRACTOR SHALL SHAVE A "I LAVER OF FOR THE SIDES AND BOTTOM OF THE ROOTBALL TREES JUST BEFORE PLACING BITO THE PLANTING BIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL TREES JUST BEFORE PLACING BITO THE PLANTING BIT. DO NOT "TEASE" ROOTS

- ROOTBALL OF ALL TREES JUST BEFORE PLACING INTO THE PLANTING PIT. DO NOT 'TEASE' ROOTS OUT FROM THE ROOTBALL

 NISTALL THE TREE ON UNDISTURBED BUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR MINESTER, DO NOT THE SOUTH ROOTBALL IS TWO TO FOUR MINESTER, DO NOT THE SOUTH ROOTBALL IS TWO TO FOUR MINESTER, DO NOT THE SOUTH ROOTBALL IS THAT IN THE SOUTH ROOTBALL IN THE ROOTBALL I

- WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS, COVERING THE ENTIRE PLANTING AREA.

- DING

 ON A PRIME YOUR BASS PROSTRIED ON THE LANDSCAPE PLAN.

 ON ARRENT YOUR AS SPECIFIED ON THE LANDSCAPE PLAN.

 LAY SOD WITHIN 24 MOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN.

 LAY THE SOD TO FORM A SOLD MASS WITH TICHTY FITTED DOINTS. BUTT ENDS AND SIDES OF SOD

 STRIPS. DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.

 ROLL THE SOD TO EMSURE GOOD CONTACT OF THE SOD'S ROOT SYSTEM WITH THE SOIL

 LINGERIKATH.

 WATER THE SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING TO OSTAIN AT

 LEAST SIX INCHES OF PENETRATION INTO THE SOIL BELOW THE SOO.

- LEAST SIX INCHES OF PERITARION INTO THE SOIL BELOW THE SI
 ROSSEDING
 TURE HYDROMULCH MIX (PER 1.000 SF) SHALL BE AS FOLLOWS:

 WINNER MIX (OCTOBER 1 MARCH 31)

 SET SHALL BE S

- H. MULCH

 1. INSTALL MULCH TOPDRESSING, TYPE AND DEPTH PER MULCH NOTE, IN ALL PLANTING AREAS AND THREE RINGS.

 2. DO NOT INSTALL MULCH WITHIN 6° OF TREE ROOT FLARE AND WITHIN 2° OF HABITABLE STRUCTURES. EXCEPT AS MAY BE NOTED ON THESE PLANS. MULCH COVER WITHIN 6° OF CONCRETE WALKS AND CURBS. SHULCH COVER WITHIN 1° OF POWALLS SHALL BE AT LEAST'S LOWER THAN 11° THOO OF WALL. N UP DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS

- DURNIG LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAYEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION.

 DISPOSED LECALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE.

 FECTION AND ACCEPTANCE

 FECTION AND ACCEPTANCE

 FRENCH THE REQUEST AND AND ALL PROVIDED THE AND ALL PROVIDE THE SITE CLEAN.

 FRENCH THE REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY. WHEN THE INSPECTED PLANTING WORK DOES NOT COMEN' WITH THE CONTRACT DOCUMENTS. THE
 LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S
 SATISFACTION WITHIN 24 HOUSE.

 THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS
 BEEN REINERSCETED BY THE OWNER AND FORD TO SEA CCEPTABLE. AT THAT THE A. WRITTEN
 NOT AND ALL PROVIDED THE COMMENCE.

 THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS
 BEEN REINERSCETED BY THE OWNER AND FOUND TO SE ACCEPTABLE. AT THAT THE A. WRITTEN
 NOT AND ALL PROVIDED THE COMMENCE.

 THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN
 ON THESE PLANT FOR DAYS SEPONDS FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE
 OWNER. LANDSCAPE MAINTENANCE SHALL INCLIDE WEEKY SITE VISITS FOR THE FOLLOWING
 ACTIONS (AS A SPROPORTISE) PEROPER PROMORE, RESPINANCE OF PLANTS THAT
 GERMINATED WELL TREATMS FOR INSECTION SYSTEM DUST SETAMOR OF THE FOLLOWING
 GERMINATED WELL TREATMS FOR INSECTION SYSTEM DUST FOR THE FOLLOWING
 THE REPRODUCTION SYSTEM UN PROPER WORK HAS AND FOR MAINTENANCE SHALL INCLIDE WEEKY SITE WISTS FOR THE FOLLOWING
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 LITTER REPROATE TO THE REMOVED ON SYSTEM AND PROPER WITH SHE PROPER WITH SHE PROPER WITH THE PLANT WAS AND FOR MULCH REMOVAL OF
 LITTER REPROATED THE REMOVED ON SYSTEM AND PROPER WITH SHE PLANT WAS AND FOR MULCH REMOVAL OF
 LITTER REPROATED THE REMOVED ON SYSTEM AND PROPER WORK BY THE PLANT WAS AND FOR MULCH REMOVAL OF
 LITTER REPRO

- THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.

 SHOULD SEEDED AND/OR SOODED AREA TO BE COVERED BY AN AUTOMITE PRIGIATION SYSTEM. THE LANDSCAPE CONTRACTOR SYALL BE RESPONSIBLE FOR WATERNO THESE AREAS AND OBTAINING AFULL HEALTHY STAND OF PLANTS AT NO ADDITIONAL COST TO THE OWNER OF THE POLICY OF THE FOLLOWING CONDITIONS MUST OCCUR.

 THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY), ALL PLANTS NOT WEETEN OF THIS CONTRIVEN SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL HIGHOR TO FINAL ACCEPTANCE.

 SCORED AREAS MUST BE ACTIVELY GROWNIC AND MUST REACH ANINMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWNIG. HYDROWLING-HED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH, BARE AREAS LARGE THAN TIVELY SOURCE MICHES MUST BE RESOODED OR RESECOED AN AGREEMENT OF THE PLANTS OF THE MUST BE RESOODED FOR RESECOED AND AGREEMENT OF THE MUST BE RESOODED THE FIRST MOWNER.
- GRUYIII. BOND THE SEEDED LAS APPROPRIATE) PRIOR TO FINAL ACLES TO THE SEEDED LAS APPROPRIATE) PRIOR TO FINAL ACLES TO THE SEEDED LAS APPROPRIATE PRIOR TO FINAL GUARANTEE ALL TREES. SHRUBS, PERENNIAS, SOD.

 1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES. SHRUBS, PERENNIAS, SOD.

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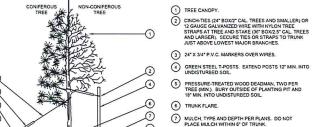
 1. THE SEEDED ARDS, AND BRIGGATON SYSTEMS FOR A PERIOD OF DIE PERENT SHALL REPLACE, AT 145 OWN EPPENSE AND TO THE SATISFACTION OF THE OWNER. ANY PLANTS WHICH DIE IN THAT THE OR REPLAN ANY POPONIOS OF THE RIRIGATION SYSTEM WHICH OPPERATE IMPROPERTY.

 2. AFTER THE INITIAL MAINTENANCE PERIOD AND DURING THE GUARANTEE PERIOD, THE LANDSCAPE CONTRACTOR SHALL ONLY SEE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DANAGE BY HUMAN ACTIONS.

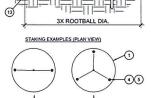
 M. PROVIDE A MINIMUMO 72 (20PIES OF RECORD DRAWINGS TO THE GWENE UPON COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED BY THE THE THAT IN THAT IN A MASSIES.

DIRECTOR APPROVAL





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3

- NOTES:

 1. SCARIFY SIDES OF PLANTING PIT PRIOR TO SETTING TREE.

 2. REMOVE EXCESS SOIL APPLIED ON TOP OF THE ROOTBALL THAT COVERS THE ROOT FLARE. THE PLANTING HOLE DEPTH SHALL BE SIGHT PATH THE ROOTBALL RESTS ON LINDSTREED SOIL, AND THE SIGHT PRIOR THE PLANTING THE STATE OF THE STATE OF THE PLANTING THE STATE OF THE PLANTING THE SHADE. COURSE AND THE PLANTING THE SHADE. COURSE OF BASKET AFTER TREE IS SET IN HOLE, REMOVE ALL HIN, ON TIES, TYMER, PORC, AND OTHER PACKING MATERIAL, REMOVE AS MUCH BURLAY FROM AROUND ROOTBALL AS IS PRACTICAL.

 4. REMOVE ALL INARERY STATES AFTER THAT IN CREE STAYES OR DEADWEN IAS APPROPRIATE, SPACED EVENTY AROUND TREE.

 5. STANING SHALL BETICHT ENDOGED FOR TRUNK MOVEMENT ROOM BENDING, BUT LOOSE ENOUGH TO ALLOW SOME TRUNK MOVEMENT IN WIND. TREE PLANTING Α
 - (1) SHRUB, PERENNIAL, OR ORNAMENTAL GRASS. MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT CENTER.

10 BACKFILL AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.

(1) UNDISTURBED NATIVE SOIL.

(12) 4" HIGH EARTHEN WATERING BASIN

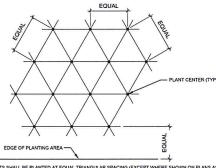
3 FINISH GRADE. (4) ROOT BALL.

8 FINISH GRADE.

(13) FINISH GRADE.

(9) ROOT BALL.

- (6) UNDISTURBED NATIVE SOIL
- 7 3" HIGH EARTHEN WATERING BASIN.
- 8 WEED FABRIC UNDER MULCH.
- SHRUB AND PERENNIAL PLANTING



NOTE: ALL PLANTS SHALL BE PLANTED AT EQUAL TRIANGULAR SPACING (EXCEPT WHERE SHOWN ON PLANS AS NFORMAL GROUPINGS). REFER TO PLANT LEGEND FOR SPACING DISTANCE BETWEEN PLANTS.

 STEP 1: DETERMINE TOTAL PLANTS FOR THE AREA WITH THE FOLLOWING FORMULA: TOTAL AREA / AREA DIVIDER = TOTAL PLANTS PLANT SPACING AREA DIVIDER PLANT SPACING AREA DIVIDER

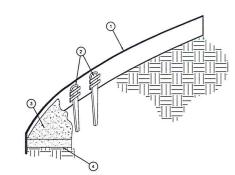
2) STEP 2: SUBTRACT THE ROW (S) OF PLANTS THAT WOULD OCCUR AT THE EDGE OF THE PLANTED AREA WITH THE FOLLOWING FORMULA: TOTAL PERIMETER LENGTH / PLANT SPACING = TOTAL PLANT SUBTRACTION

EXAMPLE: PLANTS AT 18" O.C. IN 100 SF PLANTING AREA, 40 LF PERIMETER

STEP 1: 100 SF/1.95 = 51 PLANTS

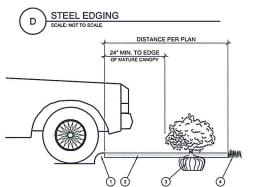
STEP 2: 51 PLANTS - (40 LF / 1.95 = 21 PLANTS) = 30 PLANTS TOTAL

\ PLANT SPACING

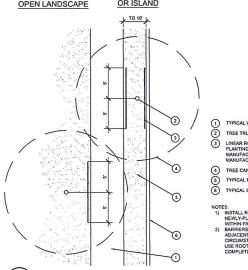


- (1) ROLLED-TOP STEEL EDGING PER PLANS
- (2) TAPERED STEEL STAKES.
- 3 MULCH, TYPE AND DEPTH PER PLANS.
- NOTES:

 1) INSTALL EDGING SO THAT STAKES WILL BE ON INSIDE OF PLANTING BED.
 2) BOTTOM OF EDGING SHALL BE BURIED A MINIMUM OF 1° BELOW FINISH G
 3) TOP OF MULCH SHALL BE 1° LOWER THAN TOP OF EDGING.



- 2 MULCH LAYER.
- 3 PLANT.
- (4) TURF (WHERE SHOWN ON PLAN)
- PLANTING AT PARKING AREA



OPEN LANDSCAPE OR ISLAND 1 TYPICAL WALKWAY OR PAVING TREE TRUNK 3 LINEAR ROOT BARRIER MATERIAL. SEE PLANTING NOTES FOR TYPE AND MANUFACTURER. INSTALL PER MANUFACTURER'S SPECIFICATIONS. 4 TREE CANOPY TYPICAL PLANTING AREA TYPICAL CURB AND GUTTER NOTES:

1) INSTALL ROOT BARRIERS NEAR ALL
NEWLY-PLANTED TREES THAT ARE LOCATED
WITHIN FOR (5) FEET OF PAYING OR CURBS.

2) BARRIERS SHALL BE LOCATED BAMEDIATELY
ADMICTATION OF THE CONTROL OF THE CONTROL
USES ROOT BARRIERS OF A TYPE THAT
COMPLETELY ENGINEE IT HE ROOTBALL ROOT BARRIER - PLAN VIEW

EVERGREEN (800) 680-6630 10777 Westheimer Rd., Ste 110 Houston, TX 77042 www.EvergreenDesignGroup.co



02/20/2024

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Chick FORT BARKSDA CITY, CADDO F Golden
1101 SHREVEP en

LANDSCAPE SPECS & DETAILS

Date Comment 10/26/2023 ecked By JP/RM

LP-2

EXECUTIVE DIRECTOR **APPROVAL**





IRRIGATION DISCLAIMER

THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR DESIGN CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS INDICATED ON PLAN. THE IRRIGATION CONTACTOR SHALL VERIPY THE LOCATIONS OF ALL ABOVE-GRADE IRRIGATION EQUIPMENT WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION, OR IRRIGATION CONTRACTOR MAY BE REQUIRED TO MOVE SUCH ITEMS AT HIS OWN COST.

IRRIGATION CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL FINAL QUANTITIES PER DRAWINGS AND SPECIFICATIONS. ANY QUANTITIES PROVIDED ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR ONLY AND SHALL NOT BE CONSIDERED ABSOLUTE.

AUTOMATIC DRAIN VALVES AND AIR RELIEF VALVES

INSTALL AUTOMATIC DRAIN VALVES AT THE LOW POINTS OF EACH LATERAL LINE (MIN. 2 PER VALVE) AS PER DETAIL ON SHEET LI-2. INSTALL AIR RELIEF VALVES ON DRIP SYSTEMS AT THE LCOATIONS SHOWN ON THE PLANS, AS PER DETAILS.

SLEEVING / WIRING NOTES:

IN ADDITION TO PROVIDING SLEEVES FOR ALL PIPING UNDER ROADWAYS AND WALKWAYS, THE IRRIGATION CONTRACTOR SHALL PROVIDE AND INSTALL SCH. 40 PVC SLEEVES FOR ALL CONTROLLER WIRES OCCURRING UNDER ALL ROADWAYS AND WALKWAYS, SLEEVES FOR CONTROLLER WIRES SHALL BE 2* DIA. AND CONTAIN NO MORE THAN 25 WIRES. FOR PLAN CLARITY, ONLY SOME REPRESENTATIVE SLEEVES ARE SHOWN; SOME SLEEVES AND AND THE SHOWN.

VALVE KEY

1	alve Callout
	Valve Number
/ # · \ # · ·	Valve Flow
#* •	Valve Size

IRRIGATION LEGEND

MANUFACTURER/MODEL

- - - IRRIGATION SLEEVE, SCH. 40 PVC, MIN. TWICE SIZE OF PIPE TO BE INSERTED

D/#/D	RAIN BIRD R-VAN-STRIP 1806-SAM-P45 ,TURF ROTARY, 5'X15' (LCS AND RCS), 5'X30' (SST) HAND ADJUSTABLE MULTI-STREAM ROTARY W/ 1800 TURF SPRAY BODY ON 6.0' POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 12" NPT FEMALE THREADED INLET.
•	RAIN BIRD R-VAN14 1806-SAM-P45, TURF ROTARY, 6'-14' 45'-270" AND 360" HAND ADJUSTABLE MULTI-STREAM ROTARY W1/800 TURF SPRAY BODY ON 6.0' POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.
•	RAIN BIRD R-VAN18 1806-SAM-P45, TURE ROTARY, 13'-16' 45'-270' AND 360' HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURE SPRAY BODY ON 6.0' POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2' NPT FEMALE THREADED INLET.
5	RAINBIRD 1806-SAM-PRS SERIES POP UP SPRAY HEADS WITH ADAPTER AND RAINBIRD #1402 SERIES BUBBLER NOZZLES. (TWO PER TREE) SEE INSTALLATION NOTE #N-5 REGARDING TREE BUBBLER LATERAL PIPE
•	RAINBIRD XCZ-100-PRB-COM / 150-PRB-COM SERIES AUTOMATIC DRIP VALVE ASSEMBLY WITH 40 PSI PRESSURE REGULATOR XCZ-100-PRB-COM - 1" BALL VALVE WITH 1" PESB VALVE AND 1" PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER. 0.3GPM TO 20GPM.
\oplus	RAINBIRD PEB SERIES ELECTRIC REMOTE CONTROL, "TREE BUBBLER ZONE" VALVE SEE INSTALLATION NOTE #N-5 REGARDING TREE BUBBLER LATERAL PIPE
•	RAINBIRD PEB SERIES 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	AREA TO RECEIVE DRIPLINE RAINBIRD XFS-CV-06-12 SERIES DRIP TUBE IN SHRUB BED INSTALLED AT 2* DEPTH
Z	ZURN / WILKINS 375XLB SERIES <u>REDUCED PRESSURE</u> TYPE BACKFLOW PREVENTOR INSTALLED PER CITY CODE WITH SAME SIZE BRONZE BALL VALVE INSTALLED ON THE UP-STREAM SIDE. MOUNTED IN STRONGBOX SMOOTH TOUCH ENCLOSURE.
H	LASCO "V" SERIES SCH. 80 PVC TRUE UNION BALL VALVE, MAINLINE SIZE
M	IRRIGATION WATER METER AND TAP (BY OTHERS) SIZE AS NOTED ON THE PLAN
∞	RAINBIRD 33-DNP QUICK COUPLING VALVE WITH LOCKING PURPLE COVER AND 3/4" PVC BALL VALVE
C	RAINBIRD ESP12LXMEF2P SERIES AUTOMATIC WALL MOUNT CONTROLLER WITH LNK2 WIFI MODULE
R	RAINBIRD WR2-RFC RAIN / FREEZE SENSOR - CONFIRM SENSOR LOCATION WITH OWNERS REPRESENTATIVE
×	1" MASTER VALVE MODEL # 100-EFB-CP WITH RAINBIRD FLOW SENSOR MODEL #FS100B SERIES
	IRRIGATION LATERAL LINE: CLASS 200 PVC
	IRRIGATION MAINLINE: CLASS 200 PVC
====	IRRIGATION SLEEVES, SCH. 40 PVC, MIN. TWICE SIZE OF PIPE TO BE INSERTED







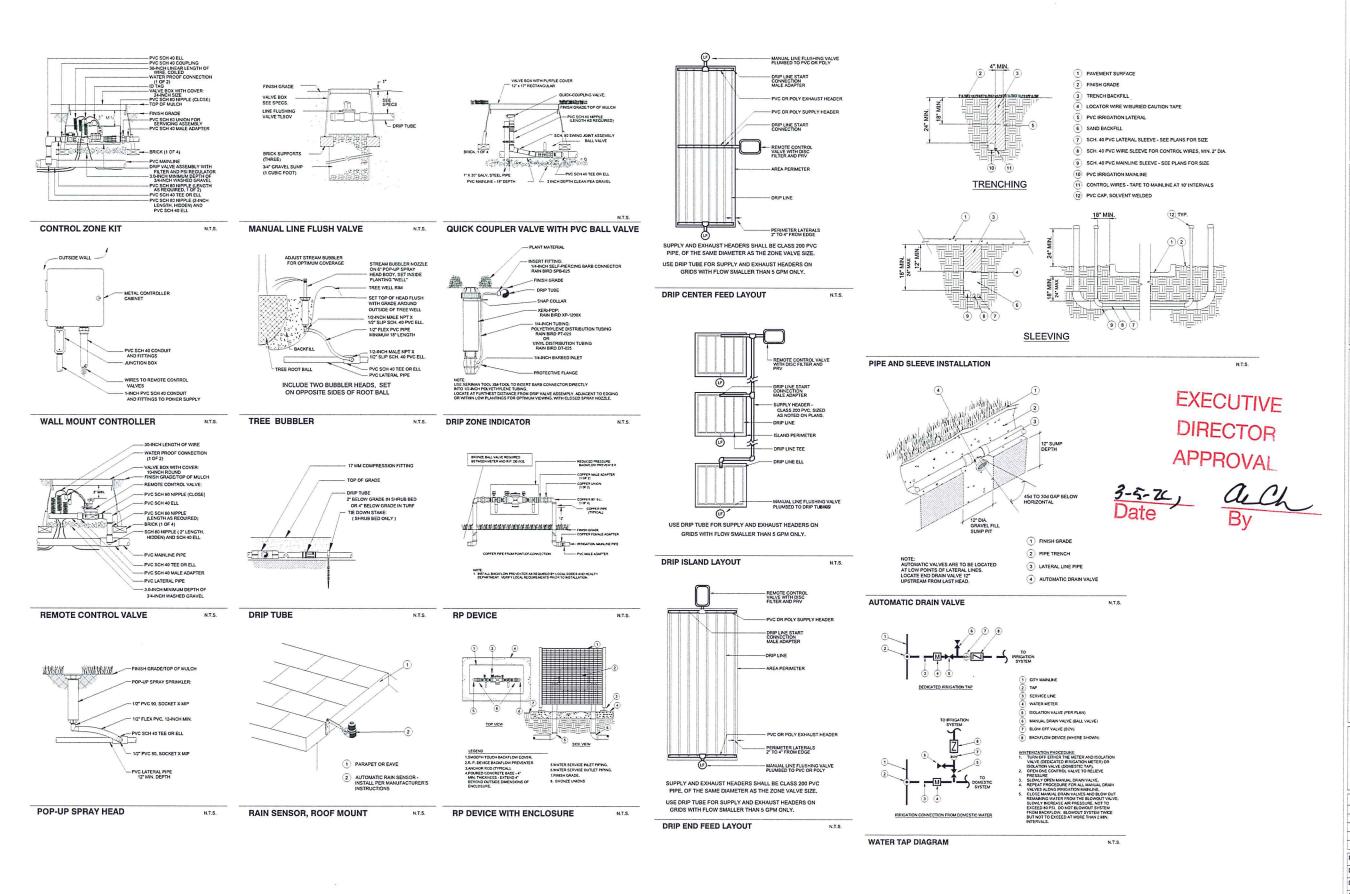
02/26/2024

Golden Chick Restaurant 1101 SHREVEPORT BARKSDALE HIGHWAY SHREVEPORT CITY, CADDO PARISH, LA 71105 (APN:

IRRIGATION PLAN

Date Comment

Checked By JP/RM



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02/26/2024

Golden Chick Restaurant
1101 SHREVEPORT BARKSDALE HIGHWAY
SHREVEPORT CITY, CADDO PARISH, LA 71105 (APN: 171)

IRRIGATION DETAILS

Date Comment

Date Comment

Project Number

Date 10/26/2023

twn By JP/R

LI-2

IRRIGATION SPECIFICATIONS

- GENERAL

 A. OULSTEATIONS OF IBRIGATION CONTRACTOR

 1. ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE IRRIGATION

 CONTRACTING FIRM PSECULALIDIS ON IRRIGATION SYSTEMS. SEE THE IRRIGATION PLAN FOR

 SPECIFIC EQUIPMENT AND SYSTEM LAYOUT.

 2. THE IRRIGATION CONTRACTOR WISH THAVE ON ITS STAFF A LICENSED IRRIGATION

 INSTALLER, AS REGULATED BY THE APPROPRIATE LOCAL JURISDICTION. A LICENSED

 IRRIGATION ON INSTALLER SHALL BE PRESENT AT THE PROJECT SITE! AT LITIES AS WORK IS

 IN PROGRESS. THE OWNER MAY DEMAND THAT WORK STOP WITH. THE CONTRACTOR

 AND SUPERNISHING ALL BRIGATION WORK TALLER TO BE PRESENT AT THE PROJECT SITE

 AND SUPERNISHING ALL BRIGATION WORK TALLER TO BE PRESENT AT THE PROJECT SITE

 AND SUPERNISHING ALL BRIGATION WORK THAT BY THE PROJECT SITE

 BECOPIE OF WORK

 1. WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL

 MATERIALS, LADON, SERVICES, EQUIPMENT, LICENSES, TAKES, FEES, AND BAY OWNER THE RIGHT

 SPECIFED HERBEN AND/ORS SHOWN ON THE RIRGATION PLANS, NOTES, AND DETALS.

 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND

 REGULATIONS REQUIRED BY ATHORISTIS HAVING JURISDICTION OVER SUCH WORK

 NICLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL STATE AND LOCAL

 AUTHORITIES IN SUPERLY TRANSPORTITIES HAVING JURISDICTION OVER SUCH WORK.

 3. THE HEVEN TO THE RIRGATION SYSTEM IS OPPONISTED ONCO, CODES, SHALL

 BETWEEN THE RIRGATION SYSTEM IS TO PROVIDE TONC COVERAGE OF ALL LANDSCAPE
- PREVAIL.

 THE BITENT OF THE IRRIGATION SYSTEM IS TO PROVIDE 100% COVERAGE OF ALL LANDSCAPE AREAS. THE RIRIGATION FLANIS GENERALLY DIAGRAMMATIC COORDINATE RIRICATION INSTALLATION MITHITIATIVE TRAILATIONS. ACTUAL LOCATION OF CONTROLLER. BACKELOW DEVICE, PIPING, VALVES, SPRAY HEADS, DRIP IRRIGATION, AND RELATED EQUIPMENT MAY NEED TO SEE AUJUSTED BASED ON ACTUAL SITE CONDITIONS. FOR CLARITY PURPOSES, SOME IRRIGATION LINES AND EQUIPMENT ARE SHOWN IN ARROSCAPE AREAS WITHOUT ACCESS SILEEVES THESE LINES SHALL BE INSTALLED IN A COMMON TRENCH OR AT THE BACK OF CURB IN LANDSCAPE AREAS. MINOR FIELD IN A ADJUSTMENTS SHALL BE MADE TO ADDITIONAL COSTTO THE COWER.

PRODUCTS

- ALL MATERIALS SHALL BE NEW AND WITHOUT FLAWS OR DEFECTS OF ANY TYPE AND SHALL BE
 THE BEST OF THEIR CLASS AND KND. ALL MATERIALS SHALL HAVE A MINIMUM GUARANTEE OF
 ONE TEAR AGAINST MATERIAL DEFECTS ON DEFECTIVE WORKAUSHIP. ALL MATERIALS SHALL BE
 ONE TEAR AGAINST MATERIAL DEFECTS OF SHALL HAVE A MINIMUM GUARANTEE OF
 ECULI. THE CONTRACTOR MUST FIRST ON TAN APPROVAL FROM THE RESISTANCE DESCRIPTION
 AN APPROVE DEGUL! BEFORE INSTALLING SUCH MATERIALS IN THE FIELD, OR THE CONTRACTOR
 MAY BE REQUIRED TO REPLACE SUCH MATERIALS AT HIS OWN COST.
 BACKFLOW PREVENTION DEVICES SHALL BE OF THE SUE AND TYPE ONICATED ON THE DRAWINGS.
 INFO THE SUCH AND THE PREVENTION UNITS IS ALCORDINGE WITH INFORMATION CONSTRUCTION
 PIPPING AND ALL APPLICABLE STATE AND COACH. CODES AND ORDINANCES.

- VG
 PRESSURE SUPPLY LINES, DOWNSTREAM OF THE POINT-OF-CONNECTION.

 a. SCHEDULE 49 PVC FOR ALL PIPE 1-1/2* OR LESS
 b. CLASS 319 PVC FOR ALL PIPE 1-1/2* TO 12-1/2*
 c. CLASS 200 PVC, GASKETED, FOR ALL PIPE 3" AND LARGER
 SLEEVING AND MONT-PRESSURE LITERAL LINES (DOWNSTREAM FROM VALVES): CLASS 200
- 2. SLEEVING AND NON-PRESSURE LATERAL LINES (DOWNSTREAM FROM VALVES): CLASS 200 PVC

 3. PVC

 4. PVC

 4. PVC

 4. PVC

 5. PVC

 6. PVC

 6.

- ' PROTECTION. LT VALVE WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL. E CONDUCTOR IRRIGATION WIRE. EACH CONTROLLER SHALL HAVE A DIFFERENT COLOR
- 3. EXTINA COMMON WIRLS BLUE:
 WIRLS SPILLOES SHALL BE ENCASED IN A WATERPROOF COMPOUND OR GEL. ALL FIELD SPLICES
 SHALL BE LOCATED IN A 6 INCH ROUND VALVE BOX.
 RAIN SENSOR: TYPE AND MODEL PER PLANS.

METHODS

- METHODS

 A THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAYED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR DESIGN CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LINITS INDICATED ON PLAN. THE RIRGATION CONTRACTOR SHALL VERPTY THE LOCATIONS OF ALL ADDVE-GRADE ON PLAN. THE RIRGATION CONTRACTOR SHALL VERPTY THE LOCATIONS OF ALL ADDVE-GRADE INSTALLATION, OR RIRIGATION CONTRACTOR MAY BE REQUIRED TO MOVE SUCH TIEMS AT HIS OWN COST. ENSURE FIELD COORDINATION IS MADE EARLY ON IN THE CONSTRUCTION PHASE SO PLACEMENT LOCATIONS I CORRECT.

 THE RIRGATION CONTRACTOR SHALL MEET WITH THE OWNERS REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK, AND SHALL DISTAIN ALL HEIGHERERING, LANDSCAPE, AND OTHER MADE AND REPORT ANY CONFLICTS OR DISCREPANCIES TO THE LANDSCAPE, ARCHITECT AND OWNERS REPRESENTATIVE IMMEDIATELY.

 THE RIRGATION CONTRACTOR SHALL NOT WILFULLY INSTALL THE RIRGATION SYSTEM AS SHOWN ON THE DRAWNINGS WHEN IT IS ORYDOUS IN THE FIELD THAT UNKNOWN DISTRUCTIONS, GRADES OR DIMENSIONS DISTRICTOR SHALL SHAVE SEED HAS THE VERY THE WAY BE AND ADDRESSED ON THE SHARL SHAVE SHAVE AND ADDRESSED ON THE SHAVE SHAVE SHAVE AND ADDRESSED ON THE SHAVE SHAVE SHAVE AND ADDRESSED ON THE SHAVE SHAVE SHAVE SHAVE AND ADDRESSED ON THE SHAVE SHAVE

- SUCH CIRCUMSTANCES.

 THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (MATER, SEWER ELECTRICAL TELEPHONE, GAS, CABIE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL BE FAMILIAN WITH ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, STRUCTURES AND UTILITIES.

 COORDINATE WITH THE OWNER THE PROPOSED LOCATIONS OF THE AUTOMATIC CONTROLLER AND ANY REQUIRED SLEEVES THROUGH THE BUILDING FOR CONTROL WIRES.

- NCHING NEAR EXISTING TREES:

 CONTRACTOR SHAUL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE
 CRITICAL ROOT ZONE (CR2) OF EXISTING TREES, AND SHAUL EXPROISE ALL POSSIBLE CARE
 AND PRECAUTIONS TO AVOID NUMBY TO TREE ROOTS, TRUMS, AND BRANCHES, THE CR2 IS
 DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUMS, WITH A
 RADIUS EQUAL TO 'FOR EVER' IT O'F TRUMS FOM THEE RAT-BREEST-HEIGHT (AS 'ABOVE THE
- RADIUS EQUAL TO 1" FOR EVERY 1" OF TRUNK DIAMETERAT-BREAST-HEIGHT (4.5 ABOVE THE AVERAGE GRADE AT THE TRUNK).

 ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ.

 ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-12" AND LARGER IN DIAMETER. WHERE THERE ROOTS 1-12" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD. TUNNEL UNDER SUCH ROOTS. WHAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLUP AND KEEP MOIST. CLOSE ALL TRENCHES WITHIN THE CANOPY ORP LINES WITHIN 24 HOURS. ALL SEVERED ROOTS SHALL BE HAND PRUVED WITH SHAMP TOOLS AND ALLOWED TO ARROWLY. DO NOT USE ANY SORT OF SEALERS ON WOUND PAINT.

- 1. BACKFILL
 1. ALL DACKFILL MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE OWNER. BACKFILL
 1. ALL DACKFILL MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE OWNER. BACKFILL
 1. ALL DACKFILL MATERIAL SHALL BE FREE FROM RUBBISH, ROOM LARGES THAN 1. LARGE STONES, SRUSH,
 SOD, FROZEM MATERIAL OR OTHER UNSUITABLE SUBSTANCES THAT DAV DAMAGE PIPE
 DUBING THE BACKFILLING OPERATIONS. SEPARATE OUT ROCKS LARGES THAN 1 INCH IN
 ANY DIRECTION FROM EXCAVATED MATERIAL, AND REMOVE FROM AREAS TO RECEIVE
 LANDSCAPING, COVER FOR BOTH OF PAILS DIESE OF PIPE SHALL BE A MINIMUM OF 2 PICHES
 OF ROCK-FREE SOIL, SAND, OR OTHER APPROVED MATERIAL.
 2. IN THE EVENT THAT THE MATERIAL FROM THE EXCAVATION OR TRENCHING IS FOUND TO BE
 UNSUITABLE FOR USE IN BACKFILL, IT SHALL BE REMOVED FROM THE SITE AND PROPERLY
 CONTRACTOR SHALL THEN PURCHASE AND AND FURNES SUITABLE BACKFILL MATERIAL
 CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND OR OTHER APPROVED MATERIALS FREE
 OF DEBRIS.
 3. BACKFLOW PREVENTER INSTALLATION. CONTRACTOR SHALL MAKE CONNECTIONS TO EXISTING
 WATER SOURCES AT LOCATION SHOWN ON PLANS AND AS APPROVED BY THE OWNER, AND SHALL
 MAKE ANY MINOR CHANGES IN LOCATION AS MAY BE INCESSARY DUE TO ACTUAL SITE
 COUNTINGS. BOACH OVER PREVENTER HEROFF SHALL BE SHERE ON A BRINGATION
 COUNTINGS. BOACH OVER PREVENTER HEROFF SHALL BE SHEND AS HOUR BOOK OF THE SHALL BACKFLOW PREVENTER
 ION ALLOCATION SCREENED FROM PUBLIC VIEW SUCH AS BEINNO A SHUB ROW).

 K. PIPPING:
 1. PIPE SIZE SHALL CONFORM TO THOSE SHOWN ON THE DRAWNINGS. NO SUBSTITUTIONS OF
- NG:
 PIPE SIZE SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OF
 SMALLER PIPE SIZES SHALL BE PERMITTED, BUT SUBSTITUTIONS FOR LARGER SIZES MAY BE
 APPROVED.
 MAINLINE PIPE AND WIRES SHALL BE INSTALLED WITH A MINIMUM COVER OF 18 INCHES (24*
 FOR MAINLINE PIPE AND 18" FOR MAINLINE 6" AND GREATER). LATERAL PIPE SHALL BE

- VALVES

 1. VALVES SHALL BE INSTALLED PER MANUFACTURER'S DIRECTIONS AND THE IRRIGATION DETAILS.
- DETAILS.
 VALVE BOXES SHALL BE INSTALLED FLUSH WITH THE GRADE. WITH CLEAN PEA GRAVEL LOCATE DELOW THE VALVE AS NOTED ON THE DETAILS. LOCATE BOXES WITHIN 12 TO 24 OF SIDEWALKS ON LANDSCAPE DECES, WITH TOPS OF BOXES 14 SHOVE FINISH GRADE IN TURF, AND 27 ABOVE PINISH GRADE IN SHRUB AREAS (TO AVIOD BEING COVERED BY MULCH CACH VALVE BOX COVERS THAT USE HEAT-RANDED WITH THE CONTROLER STATION FROM THE STATION FROM THE
- NUMBER.
 DO NOT INSTALL MORE THAN TWO VALVES IN A JUMBO BOX.
 IRRIGATION EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S DIRECTIONS AND THE GATION DETAILS.
- IGATION DETAILS.

 IGATION DETAILS.

 SUBSURFACE DRIP LINES SHALL BE BURIED NO MORE THAN 2" BELOW FINISH GRADE.

 SUBSURFACE DRIP LINES SHALL BE BURIED NO MORE THAN 2" BELOW FINISH GRADE.

 DRIP LINES MOUNTED ON GRADE SHALL BE LOCATED BENEATH LANDSCAPE FABRIC, AND

 SECURED IN PLACE WITH WIRE STAPLES AT A MAXIMUM OF 2"-3" ON CENTER.

 AY, ROTOR, AND DIBBLER HEADS.

 ALL SPRAY AND ROTOR HEAD LOCATIONS SHALL BE STAKED, FLAGGED AND/OR OTHERWISE

 CLEARLY MARKDO ON THE GROUND PRIOR TO INSTALLATION. SPRINGLER HEAD STAKING

 SHALL BE INSPECTED AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE

 INSTALLATION.
- ALL SPRAY HEADS SHALL BE CONNECTED WITH A 12 INCH MINIMUM LENGTH OF \$\frac{1}{2} INCH FLEX
 PVC. THE FLEX PVC SHALL BE SOLVENT WELDED TO SCHEDULE 40 PVC FITTINGS WITH

- THE SPANY HEADS SHALL BE COMMENTED WITH A 12 INCH MAINLAIN LENGTH OF \$\frac{1}{2}\$ WISH IT EXPECTED TO SCHEDULE 40 PROFITMINGS WITH HE PUTCH. THE FLER FOY SHALL BE SOLVENT WILLION 50 SCHEDULE 40 PROFITMINGS WITH WELDON 9785 SOLVENT AND 97-70 PRIMER. ALL ROTORS SHALL BE CONNECTED TO LATERAL INDEX SHYL PRESENTANT ACTURED SWING JOINTS.

 ALL ROTOR, SPRAY AND BUBBLER HEADS SHALL BE SET PERPENDICULAR AND FUSH TO THIS HORDOWN AND SHALL BE SHALL BE CONNECTED TO THE WENT HEAD AND WITH A CLEARANCE OF TOWER MOST SHALL BE SHOUND THE EDGE OF ANY BURBLENG AND WITH A CLEARANCE OF THE LYE BOUND AND THE DOSE OF ANY BURBLENG AND SHALL SHALL SHALL SHALL BE INSTEAD AND ADJUSTED FOR OPTIMUM COVERAGE WITH MINIMUM OVERSPRAY ON WALKS, STREETS, WALLS, ETC.
 LATERAL PIPE OT THEE STREAM BUBBLER HEADS SHOWLYES SHALL BE HUSSHED AND ADJUSTED FOR OPTIMUM COVERAGE WITH MINIMUM OVERSPRAY ON WALKS, STREETS, WALLS, ETC.
 LATERAL PIPE OT THEE STREAM BUBBLER HEADS SHOWLYES SHALL BE HUSSHED AND ADJUSTED TO ALLOW A MODERN HEAD SHOWLYES SHALL BE HUSSHED AND ADJUSTED TO ALLOW A MODERN HEAD SHOWLYES SHALL BE HUSSHED AND ADJUSTED TO ALLOW A MODERN HEAD SHOWLY SHOWLY SHOWLY SHALL SHE HUSSHED AND ADJUSTED TO CONTROLLER AND THE LOCATION INDICATED BY THE MONTH. INSTALL CONTROLLER AT THE LOCATION INDICATED BY THE MONTH INSTALL.
 CONTROLLER AND DEDICATE ONE (1) COAMP BEARDER FOR BOAT OWNTROLLER. THE HUSSHED AND ADJUSTED THE MESSION SHALL BE AND ADJUSTED AND SHALL BE AND ADJUSTED HE SON YOUT EST, DIRECT BURNL, NO SPLICES SHALL BE ALLOWED EXCEPT AT VALVES AND CONTROLLER. WHERE SPLICES MY ALL MAKE ALL BRAND AT WALVES AND CONTROLLER. WHERE SPLICES MY THE ADJUSTED SHALL BE AND ADJUSTED HEAD SHALL BANK ALL BRAND AND ADJUSTED SHALL BANK ALL BRAND AND ADJUSTED AND ADJUSTED SHALL BANK ALL BRAND AND ADJUSTED SHALL BRAND AND SPLICES SHALL BE AUGHT BY WERE SHOWLED BURNL. SPLICES IN FROUND ALVE BOXES WITH MYS "DEVORBED TO BURNL SPLICE HIT." THE CONTROLLER SHALL BRAND AND SHALL BE AND AND SPLICES SH

- IRRIGATION CONTROLLERS.

 7. THE RRIGATION CONTROLLERS.

 7. THE RRIGATION CONTROLLERS.

 7. THE RRIGATION CONTROLLERS.

 8. SLEEVES AND PIPE SLEEVES UNDER PAYED AREA PRIOR TO PAYING SEE SLEEVING NOTES.

 8. SLEEVES AND PIPE SLEEVES UNDER PAYED AREA PRIOR TO PAYING SEE SLEEVING NOTES.

 8. STALL THE RAIN SENSOR IN THE VICINITY OF THE CONTROLLER, AND COCRODATE LOCATION.

 WITH THE OWNER. PROVIDE MINIMUM S CLEAPANCE FROM OTHER OUTDOOR EQUIPMENT, FREE

 AND CLEAP OF ANY TREE CANOPY OR OTHER OVERHEAD OBSTRUCTIONS, AND ABOVE THE HEIGHT

 OF THE SPRINKLER COVERAGE. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO

 RENURC THE RAIN SENSOR IS PLACED IN A LOCATION WHERE IT CAN RECEIVE ABOUNTE

 RAIN TAIL WITHOUT DESTRUCTIONS. THE SPACED IN A LOCATION THE REDURE LOCATION. THE

 OWNERS.

 8. THE SPRINKLER COVERAGE. THE SPACED THE LOCATION THE REDURE LOCATION. THE

 OWNERS.

 9. THE SPRINKLER COVERAGE.

 9. THE SPACED THE SPACED THE SPACED THE PAYER THE PAYE
- OWNER.

 THE PUMP SHALL NOT BE STARTED UNTIL A REPRESENTATIVE OF THE PUMP MANUFACTURER INSPECTS THE INSTALLATION AND STARTLIP. ANY DAMAGE TO THE PUMP WINFOUT AWRITTEN REPORT FROM THE MANUFACTURERS REPRESENTATIVE SHALL AT THE COWNERS OPTION, BE IMMEDIATELY REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN COST.

 ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIES HALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
- ALITY CONTROL.
 PERFORM COVERAGE TESTS AFTER IRRIGATION SYSTEM IS COMPLETED. BUT PRIOR TO ANY PLANTING AND PERFORM COVERAGE TESTS AFTER IRRIGATION SYSTEM IS COMPLETED. BUT PRIOR TO ANY PLANTING AND PERFORM TESTING IN THE PRESENCE OF THE IRRIGATION DESIGNER AND THE CONSTRUCTION MANAGER.
 TEST SYSTEM TO ASSURE THAT ALL LAWN AND PLANTING AREAS ARE WATERED COMPLETED. AND DINFORMLY MAY PLANTING THE AND STRIPLED TO PROVIDE COMPLETE COVERAGE, INCLUDING MAYER ALL INCESSARY ADJUSTMENTS TO PROVIDE COMPLETE COVERAGE, INCLUDING AND THE AND THE PRESENCE OF MOZZES.
- 3. MAKE ALL NECESSANT AUXILIARY
 REALIGNMENT OF HADS AND REPLACEMENT OF NOZZLES.
 T. CLEAN UP
 1. DISPOSED LEGALY TO AND INSTALLATION, KEEP ALL PAVEMENT CLEAN AND ALL
 1. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OF THE PROJECT STE.
 1. UPON COMPLETION OF THE WORK, THE RRIGIATION CONTRACTOR SHALL PROVIDE THE SITE
 CLEAN, FREE OF DEBIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE RRIGIATION
 CACCEPTABILITY.

 ACCEPTABILITY.

 ACCEPTABILITY.

 THE OF THE REQUEST AN INSPACTION OF THE OWNER TO DETERMINE FINAL
 CONTRACTOR OF THE PROJECT OF THE PROJE
 - ACCEPTABILITY.
 WHEN THE INSPECTED WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, THE
 CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S
- CONTRACTOR SHALL REPLACE ANDOR REPAIR THE REJECTED WORK TO THE OWNERS ASTREAGTION WITHIN 24 HOURS. THE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE CONTROLLER AND THE MAINTENANCE AND GUARANTEE COOKINGLIER CHART STATE REPLACE TO THE OWNER, AND THE MAINTENANCE AND GUARANTEE COOKINGLIER CHART STAHL CLEARLY DELINEATE THE AREAS COVERED BY EACH VALVE. USING A SEPARATE COLOR FOR EACH ZONE.

 JUNCK COUPLER KEYS (2)

 DE CONTROLLER CHART TO THE MONER UPON COMPLETION OF THE INSTALLATION:

 GOUGK COUPLER KEYS (2)

 DE CONTROLLER MAINJAL (1)

 C. AMINIOUM OF (3) COPIES OF RECORD DRAWINGS. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE PERIOD AND THAT THE MONEY.

- MARKUPS.

 V. REFER TO THE PLANTING SPECIFICATIONS FOR ADDITIONAL CONDITIONS OF FINAL ACCEPTANCE AND START OF THE MAINTENANCE PERIOD.
- AND START OF THE MAINTENANCE PERIOD.

 WARRAAM SIGNATION SYSTEM SUPPLIED AND INSTALLED SHALL BE WARRANTED (LABOR AND WARRAAM START START SHALL START SHALL START SHALL SH

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL
m/m/c	RAIN BIRD R-VAN-STRIP 1806-SAM-P45 .TURF ROTARY, 5'X15' (LCS AND RCS), 5'X30' (SST) HAND ADJUSTABLE MULTI-STREAM ROTARY WI 1800 TURF SPRAY BODY ON 6.0' POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 12" NPT FEMALE THREADED INLET.
•	RAIN BIRD R-VAN14 1806-SAM-P45, TURF ROTARY, 8'-14' 45'-270' AND 360' HAND ADJUSTABLE MULTI-STREAM ROTARY WI1800 TURF SPRAY BODY ON 6.0' POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2' NPT FEMALE THREADED INLET.
•	RAIN BIRD R-VAN18 1806-SAM-P45, TURF ROTARY, 13°-18'-45°-270' AND 360' HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 6.0° POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.
2	RAINBIRD 1806-SAM-PRS SERIES POP UP SPRAY HEADS WITH ADAPTER AND RAINBIRD #1402 SERIES BUBBLER NOZZLES. (TWO PER TREE; SEE INSTALLATION NOTE #N-5 REGARDING TREE BUBBLER LATERAL PIPE
•	RAINBIRD XCZ-100-PRB-COM / 150-PRB-COM SERIES AUTOMATIC DRIP VALVE ASSEMBLY WITH 40 PSI PRESSURE REGULATOR XCZ-100-PRB-COM - 1° BALL VALVE WITH 1° PESB VALVE AND 1° PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER. 0.3GPM TO 20GPM.
\oplus	RAINBIRD PEB SERIES ELECTRIC REMOTE CONTROL, "TREE BUBBLER ZONE" VALVE SEE INSTALLATION NOTE #N-5 REGARDING TREE BUBBLER LATERAL PIPE
•	RAINBIRD PEB SERIES 1*, 1-1/2*, 2* PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	AREA TO RECEIVE DRIPLINE RAINBIRD XFS-CV-06-12 SERIES DRIP TUBE IN SHRUB BED INSTALLED AT 2" DEPTH
Z	ZURN / WILKINS 375XLB SERIES <u>REDUCED PRESSURE</u> TYPE BACKFLOW PREVENTOR INSTALLED PER CITY CODE WITH SAME SIZE BRONZE BALL VALVE INSTALLED ON THE UP-STREAM SIDE. MOUNTED IN STRONGBOX SMOOTH TOUCH ENCLOSURE.
M	LASCO "V" SERIES SCH. 80 PVC TRUE UNION BALL VALVE, MAINLINE SIZE
M	IRRIGATION WATER METER AND TAP (BY OTHERS) SIZE AS NOTED ON THE PLAN
®	RAINBIRD 33-DNP QUICK COUPLING VALVE WITH LOCKING PURPLE COVER AND 3/4" PVC BALL VALVE
C	RAINBIRD ESP12LXMEF2P SERIES AUTOMATIC WALL MOUNT CONTROLLER WITH LNK2 WIFI MODULE
R	RAINBIRD WR2-RFC RAIN / FREEZE SENSOR - CONFIRM SENSOR LOCATION WITH OWNERS REPRESENTATIVE
	1" MASTER VALVE MODEL # 100-EFB-CP WITH RAINBIRD FLOW SENSOR MODEL #FS100B SERIES
	IRRIGATION LATERAL LINE: CLASS 200 PVC
	IRRIGATION MAINLINE: CLASS 200 PVC
	RRIGATION SLEEVES, SCH. 40 PVC, MIN, TWICE SIZE OF PIPE TO BE INSERTED

IRRIGATION NOTE:

1. L.I.C. SHALL SELECT R-VAN SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE, ADJUSTED FOR NO OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED. 2. ALL PIPE TO BE SIZED SUCH THAT FLOWS WILL NOT EXCEED VELOCITY OF 5 FPS

- - - IRRIGATION SLEEVE, SCH. 40 PVC, MIN. TWICE SIZE OF PIPE TO BE INSERTED

WATER CONSERVATION

- IRRIGATION WATER CONSERVATION SHALL BE ACCOMPLISHED THROUGH THE FOLLOWING EFFORTS:
- 1. SEPARATE TURE / SHRUB ZONES FOR SCHEDULING ADJUSTMENT
- 2. NO OVERSPRAY ONTO PAVEMENT PERMITTED
- 3. USE OF RAIN SENSOR SHUT OFF OVER-RIDE DEVICE

LATERAL PIPE SIZE CHART

LATERAL PIPE SHALL BE SIZED TO ALLOW A MAXIMUM FLOW VELOCITY OF FIVE FEET PER SECOND ACCORDING TO THE FOLLOWING CHART:

FLOW IN GPM	LATERAL PIPE SIZE
UP TO 5 GPM	3/4" CLASS 200
6 - 10 GPM	3/4" CLASS 200
11 - 15 GPM	1" CLASS 200
16 - 28 GPM	1 1/4" CLASS 200
29 - 35 GPM	1 1/2" CLASS 200
36 - 54 GPM	2" CLASS 200
55 - 81 GPM	2 1/2" CLASS 200
82 - 120 GPM	3" CLASS 200

EXECUTIVE



VALVE KEY

		Valve Callout	
7		Valve Number	
/	# • \ # •—	Valve Flow	
/	#- •/	Valve Size	

Pressure Req. at Critical Station:

Loss for Main Line: Loss for Fittings 20% (Main Line):

Critical Station Pressure at POC:

Loss for Master Valve: Loss for Backflow:

Loss for Water Meter

P.O.C. NUMBER: 01	
Water Source Information:	Irrigation Meter, By Others
FLOW AVAILABLE	
Water Meter Size:	1"
Flow Available:	30 gpm
PRESSURE AVAILABLE	
Static Pressure at POC (est.):	68.00 psi
Elevation Change:	NA
Service Line Size:	NA
Length of Service Line:	NA
Pressure Available:	65.00 psi
DESIGN ANALYSIS	
Maximum Station Flow:	17.0 gpm
Flow Available at POC:	30.0 gpm
Residual Flow Available:	13.0 gpm
Critical Station: 6	
Head Pressure Required:	35.0 psi
Loss (Laterals):	3.2 psi
Loss through Valve:	2.9 psi

1.2 psi 0.24 psi 2.9 psi 11.0 psi 1.6 psi

EVERGREEN (800) 680-6630 10777 Westheimer Rd., Ste 1100 Houston, TX 77042 www.EvergreenDesignGroup.com



02/26/2024

171 HWAY LA 71105 (APN: staurant Re BARKSDA', CADDO F Chick

ORT E 1101 SHREVEPO SHREVEPORT (olden (1)

IRRIGATION SPECIFICATIONS

Date	Comment
Project Nu	mber
Date	10/26/2023

Drawn By

Checked By JP/RM

