



APPROVED
 Reviewed for Code Compliance
 ProjectName: C2-24-02038 &
 CR-24-00667
 Date: 4/25/2024
 Approved plans in no way
 excludes items that may be found
 in the field and shall not be
 construed to be a permit or
 approval of any violation of any
 code provision.

NOTES

THE QUANTITIES OF PLANTS AND MATERIALS SHOWN IN THE ABOVE LISTS MUST BE COMPARED TO THE LANDSCAPE PLAN. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.

ACTUAL QUANTITY OF SOD (AND/OR HYDROMULCH) NEEDED MAY DIFFER FROM SQUARE FOOTAGES LABELED. CONTRACTOR SHALL BID QUANTITY SHOWN IN PLANT LIST, AND PROVIDE PER SQUARE FOOT UNIT COSTS FOR ADDING AND SUBTRACTING SOD (AND/OR HYDROMULCH). THE CONTRACTOR IS REQUIRED TO TAKE APPROPRIATE MEASURES TO ENSURE THAT A FULL STAND OF HEALTHY GRASS IS ESTABLISHED IN ALL GRASS AREAS. GRASS SHALL BE PLANTED IN AREAS DISTURBED BY GRADING AND OTHER CONSTRUCTION ACTIVITIES. FIELD VERIFICATION OF GRASS LIMITS IS OFTEN REQUIRED. THESE INSTRUCTIONS ALSO APPLY IF EROSION CONTROL BLANKET IS CALLED FOR ON THE PLANS.

PRIOR TO INSTALLATION OF PLANTS, THE LANDSCAPE CONTRACTOR SHALL WALK THE SITE WITH THE OWNER'S REPRESENTATIVE TO VERIFY ALL AREAS TO BE PLANTED, PLANT SIZES, AND COORDINATION OF PLANTING ACTIVITIES WITH IRRIGATION INSTALLATION.

IF HYDROMULCH IS NOT SHOWN ON THE LANDSCAPE PLANS, THE LANDSCAPE CONTRACTOR SHALL DISCUSS WITH THE OWNER'S REPRESENTATIVE IF IT IS POSSIBLE TO INSTALL HYDROMULCH RATHER THAN SOD IN SOME GRASS AREAS. IF HYDROMULCH IS INSTALLED, IT SHALL BE SULTAN, BLACK JACK, OR SAHARA BERMUDA WITH A TACKIFIER ADDITIVE ON 4:1 OR GREATER SLOPES. BERMUDA HYDROMULCH SHALL ONLY BE APPLIED BETWEEN THE DATES OF MAY 1st AND SEPTEMBER 15th. BETWEEN SEPTEMBER 15th and MAY 1st, HYDROMULCH WITH ANNUAL RYE GRASS, AND RETURN AFTER MAY 1st TO REMOVE OR TILL IN RYE GRASS AND HYDROMULCH (OR SOD IF OWNER REQUESTS) WITH BERMUDA. PRIOR TO HYDROMULCHING, VERIFY WITH OWNER'S REPRESENTATIVE AREAS, DATES, AND TYPE OF GRASS. DISCUSS WITH THE OWNER THE SCHEDULE AND OTHER DETAILS REGARDING RETURNING AFTER MAY 1ST TO ESTABLISH PERMANENT BERMUDA GRASS.

ALL PLANT MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1-2014."

ALL NEW LANDSCAPED AREAS SHALL BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM EQUIPPED WITH RAIN AND FREEZE SENSORS. SYSTEM SHALL BE DESIGNED BY A TEXAS LICENSED IRRIGATOR, AND INSTALLED BY A TEXAS LICENSED IRRIGATION INSTALLER. DESIGN AND INSTALLATION SHALL CONFORM TO ALL CURRENT TEXAS COMMISSION on ENVIRONMENTAL QUALITY REQUIREMENTS, AND OTHER APPLICABLE CODES.

THE LANDSCAPE CONTRACTOR AND IRRIGATION CONTRACTOR SHALL TAKE NECESSARY MEASURES TO COORDINATE THE TIMING OF INSTALLATION OF PLANTS AND INSTALLATION OF THE IRRIGATION SYSTEM. COORDINATE WITH THE GENERAL CONTRACTOR IF NECESSARY. THE GENERAL CONTRACTOR OR PAVING CONTRACTOR SHALL CONSULT WITH THE IRRIGATION CONTRACTOR REGARDING THE POSSIBILITY OF IRRIGATION SLEEVES WITHIN AREAS TO BE PAVED.

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DESIGN/BUILD IRRIGATION NOTES

ALL NEW LANDSCAPED AREAS SHALL BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM EQUIPPED WITH RAIN AND FREEZE SENSORS. SYSTEM SHALL BE DESIGNED BY A TEXAS LICENSED IRRIGATOR, AND INSTALLED BY A TEXAS LICENSED IRRIGATION INSTALLER. DESIGN AND INSTALLATION SHALL CONFORM TO ALL CURRENT TEXAS COMMISSION on ENVIRONMENTAL QUALITY REQUIREMENTS, CITY REQUIREMENTS, AND OTHER APPLICABLE CODES.

THE CONTRACTOR SHALL PROVIDE A DESIGN-BUILD LANDSCAPE IRRIGATION SYSTEM FOR THE PROPOSED PLANTS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL DETERMINE IF AN EXISTING FUNCTIONING SYSTEM IS ALREADY IN PLACE, AND WHETHER OR NOT IT CAN BE EXPANDED. BEFORE CONSTRUCTION BEGINS THE IRRIGATION CONTRACTOR SHALL PREPARE AN IRRIGATION DRAWING FOR APPROVAL BY THE OWNER, INCLUDING THE FOLLOWING DESIGN GUIDELINES:

- A. TURF, SHRUBS, AND TREES SHALL ALL BE ZONED SEPARATELY.
- B. PIPE SHALL BE SIZED TO ALLOW A MAXIMUM FLOW VELOCITY OF FIVE FEET PER SECOND.
- C. OPERATING PRESSURE AT ALL ROTARY HEAD NOZZLES SHALL BE MINIMUM 30 PSI.
- D. OPERATING PRESSURE AT ALL SPRAY NOZZLES SHALL BE MINIMUM 25 PSI.
- E. OPERATING PRESSURE AT ALL DRIP ZONES SHALL BE MINIMUM 25 PSI.
- F. OPERATING PRESSURE AT ALL TREE BUBBLER ZONES SHALL BE MINIMUM 25 PSI.
- G. MANUFACTURER'S INSTALLATION GUIDELINES AND INSTRUCTIONS SHALL BE FOLLOWED.
- H. STATE AND LOCAL IRRIGATION CODES SHALL BE FOLLOWED.

UPON APPROVAL, THE CONTRACTOR'S IRRIGATION PLAN FOR DESIGN-BUILD AREAS SHALL BE USED TO OBTAIN AN IRRIGATION INSTALLATION PERMIT BY THE IRRIGATION CONTRACTOR. UPON COMPLETION, AS-BUILT DRAWINGS SHALL BE PROVIDED TO THE OWNER. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PAYING ANY PERMIT FEES THAT MAY BE REQUIRED.

IRRIGATION SHALL BE INSTALLED TO PROVIDE FULL COVERAGE, WITHOUT GAPS. OVER-SPRAY ONTO SIDEWALKS, PARKING AREAS, AND DRIVEWAYS SHALL BE AS MINIMAL AS POSSIBLE. DRIP IRRIGATION AND OTHER LOW WATER USE IRRIGATION METHODS AND EQUIPMENT SHALL BE EMPLOYED AS MUCH AS POSSIBLE, PRACTICAL, AND AS PER CODES.

THE IRRIGATION CONTRACTOR SHALL ARRANGE TO WALK THE SITE WITH THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION IN ORDER TO VERIFY ALL PROPOSED ASPECTS OF THE IRRIGATION TO BE PROVIDED.

THE IRRIGATION CONTRACTOR SHALL CONTACT TEXAS 811 PRIOR TO CONSTRUCTION IN ORDER TO LOCATED UNDERGROUND UTILITIES. IF UNDERGROUND UTILITIES ARE DAMAGED DURING IRRIGATION INSTALLATION, THE CONTRACTOR SHALL MAKE ALL NECESSARY REPAIRS, AT NO COST TO THE OWNER.

THE GENERAL CONTRACTOR, LANDSCAPE CONTRACTOR, AND IRRIGATION CONTRACTOR SHALL TAKE NECESSARY MEASURES TO COORDINATE THE TIMING OF INSTALLATION OF SITE CONSTRUCTION ITEMS, LANDSCAPE PLANTS, AND INSTALLATION OF THE IRRIGATION SYSTEM.

PRIOR TO CONSTRUCTION, THE GENERAL CONTRACTOR OR PAVING CONTRACTOR SHALL CONSULT WITH THE IRRIGATION CONTRACTOR REGARDING THE POSSIBILITY OF IRRIGATION SLEEVES WITHIN AREAS TO BE PAVED.

THE ABOVE NOTES ARE INTENDED TO SERVE AS GUIDELINES ONLY. THEY ARE NOT INTENDED TO OVERRULE THE OPINIONS AND RECOMMENDATIONS OF A LICENSED IRRIGATOR, WHO RETAINS THE RIGHT TO REVISE, CHANGE, AND EDIT THESE NOTES.

PERMIT SET

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