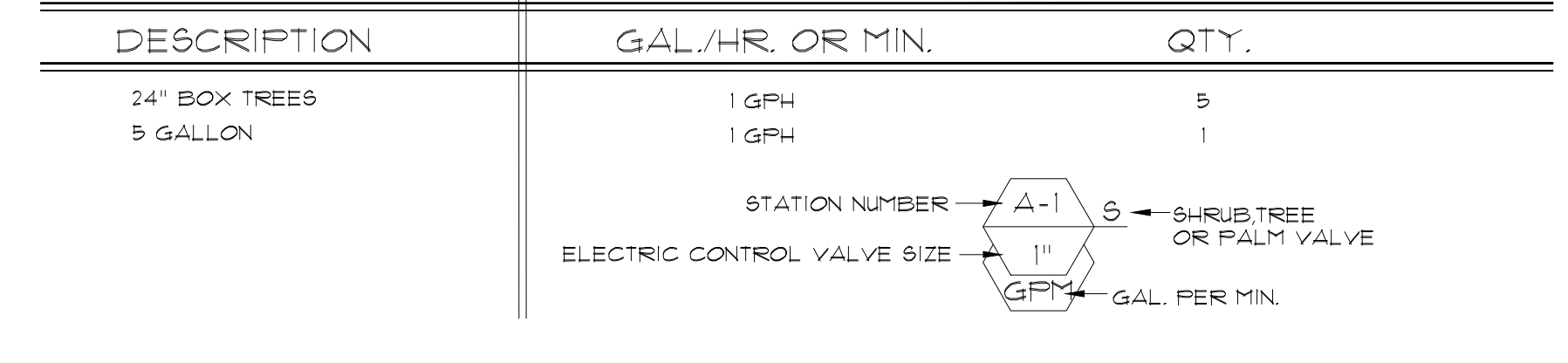


IRRIGATION LEGEND

SYMBOL	DESCRIPTION	
EQUIPMENT		
[A]	CONTROLLER; RAINBIRD ESP-LX 6 STATIONS OR EQUAL AS APPROVED FIELD VERIFIED FOR LOCATION	
[M]	EXISTING WATER METER - FIELD VERIFY LOCATION, SEE CIVIL PLAN	
[X]	FEBCO MODEL 825YA (1") ENCLOSURE; HOT BOX FIBERGLASS INSULATED ENCLOSURE OR LEMUER POINT OF CONNECTION- USE TYPE 'K' COPPER MINIMUM 5' BETWEEN SOURCE AND PRESSURE VACUUM BREAKER	
VALVES		
[X]	6CH. 40 GATE VALVE (SIZE PER LINE)	
[X]	DRIF VALVE ASSEMBLY; BY CONTRACTOR, ANY RAINBIRD VALVE OR EQUAL AS APPROVED	
PIPES/ SLEEVES		
---	6CH. 40 PVC MAINLINE (3/4") SIZE ON SITE, CONTRACTOR TO ON SITE F&I (STUB AT IN BACK OF NEW BUILDING EXPANSION, SEE ARCH. PLANS)	
----	FR-200 PVC LATERAL (OR BETTER) SIZE 3/4" OR TUBING SEE BELOW	
----	(2)-1 1/2" 6CH. 40 SLEEVES UNDER PAVED AREAS FOR ALL LATERALS AND LIGHTING AS NEEDED	
CONNECTIONS		
[Symbol]	TREE	
[Symbol]	5/8" TUBING OR PVC LATERAL	
[Symbol]	FLUSH CAP	
[Symbol]	SHRUBS/G.C. 5/8" OR 3/4" TUBING 1/2" POLY TUBING	
EMITTER SCHEDULE		
DESCRIPTION	GAL./HR. OR MIN.	QTY.
24" BOX TREES 5 GALLON	1 GPH 1 GPH	5 1



GENERAL IRRIGATION NOTES:

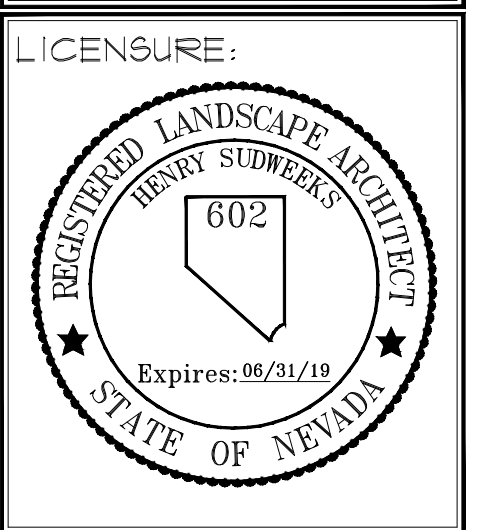
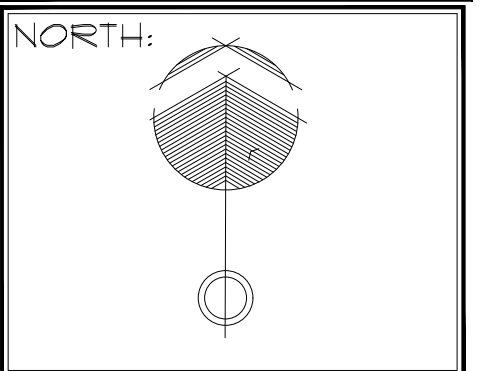
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING IRRIGATION MAINLINES, LATERAL, AND DRIP LINE PRIOR TO INSTALLATION OF NEW AREAS TO BE IRRIGATED. TIE INTO EXISTING IRRIGATION WHEN POSSIBLE.
- OVER EXCAVATE ALL TRENCHING 2 INCHES AND FILL TO DESIRED LEVEL WITH 1/2" MINUS SAND MATERIAL
- BACK FILL OVER MAINLINES SHALL NOT OCCUR UNTIL FULLY INSPECTED
- PROVIDE 4" OF ROCK FREE SOIL OR SAND IMMEDIATELY AROUND ALL PVC PIPE
- NO LATERAL LINES SHALL BE PERMITTED IN THE SAME TRENCH AS THE MAINLINE
- IRRIGATION DRAWINGS ARE SCHEMATIC, FOLLOW AS CLOSE AS PRACTICAL; MAKE NO CHANGES OR ALTERATIONS TO PLANS WITHOUT THE PRIOR APPROVAL OF THE CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL VERIFY AVAILABLE WATER PRESSURE ON THE SITE, PRIOR TO BEGINNING WORK. IF THERE IS A DISCREPANCY BETWEEN THIS READING AND THE MINIMUM PRESSURE REQUIRED, AS NOTED ON PLAN, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL FURNISH AN IRRIGATION SYSTEM THAT PROVIDES COMPLETE COVERAGE TO ALL INTENDED AREAS.
- FINAL LOCATION AND ELEVATION OF ALL VALVE BOXES AND BACK FLOW PREVENTERS TO BE VERIFIED AND APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- VERIFY LOCATION OF ALL IRRIGATION EQUIPMENT IN LANDSCAPE AREAS ONLY. THESE DRAWINGS ARE SCHEMATIC FOLLOW AS CLOSE AS PRACTICAL.
- EXISTING BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.
- EQUALLY SPACE EMITTERS WITH A RADIUS FROM THE TRUNK OF THE PALM AT A MIN. OF 1" ABOVE FINISH GRADE
- MAXIMUM LENGTH OF DRIP TUBING 250-300 FEET OR 250 1 GAL./HR. EMITTERS PER EACH LATERAL TAP.
- ALL IRRIGATION AND UTILITY SLEEVING TO BE INSTALLED BEFORE ALL HARDSCAPE, ASPHALT, OR ANY OTHER FINISHED SURFACE IS INSTALLED

NOTE:
THESE DRAWINGS ARE SCHEMATIC AND NEED TO BE FIELD VERIFIED PRIOR TO INSTALLATION. ALL NEWLY GRADED AREAS ARE TO HAVE PROPER DRAINAGE AS REQUIRED BY CODE.
MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES AND FOLLOW EXISTING DRAINAGE PATTERNS SEE CIVIL PLAN FOR DRAINAGE PATTERN

Call before you dig
UnderGround
1-702-455-7511
1-702-229-8611

1-800-227-2600
1-702-455-7540

REVISIONS:



IRRIGATION PLAN

PLAN:

MOTUS, LLC
51 EAST TEXAS AVE.
HENDERSON, NV 89015

ALL RIGHTS RESERVED BY DESIGNER. ALL OTHERS ARE BY WRITTEN PERMISSION ONLY. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND SHOULD BE FIELD VERIFIED TO EXISTING CONDITIONS.

S2 DESIGN STUDIO
PROFESSIONAL LANDSCAPE DESIGN

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REVIEWED BY: H6
DRAWN BY: T6
DATE: 02/20/19
SCALE: 1" = 10'-0"
SHEET NUMBER:
IR-1.0