



SPECIAL NOTES:

1. ARCHITECT OR LANDSCAPE ARCHITECT TO APPROVE FINAL LOCATIONS OF ALL VISUAL ELEMENTS IN FIELD PRIOR TO INSTALLATION. IF FIELD PERSONNEL IS NOT AVAILABLE, PROPOSED LOCATIONS SHALL BE SPRAY PAINTED ON SITE AND INDICATED AT CM'S DISCRETION ON FULL SIZE SHEETS FOR ARCHITECTS APPROVAL PRIOR TO INSTALLATION.
2. IF MULTIPLE VALVE BOXES ARE IN THE SAME LOCATION THEY MUST BE ARRANGED IN NEAT ALIGNED PATTERN. IRRIGATION INSTALLATION CONTRACTOR SHALL COORDINATE ACTUAL LOCATION OF ALL VALVE BOXES WITH LANDSCAPE ARCHITECT ON SITE AND SHALL OBTAIN APPROVAL FOR LOCATIONS BEFORE INSTALLING.
3. SYSTEM IS DESIGNED SO THAT MULTIPLE ZONES CAN OPERATE AT A TIME (SO LONG AS TOTAL SYSTEM DEMAND DOES NOT EXCEED 200 GPM). CONTRACTOR SHALL AID OWNER IN SCHEDULING SYSTEM TO MINIMIZE SYSTEM RUN TIME.

NOTES:

1. ALL SPRINKLER TO BE MOUNTED ON MARLEX ELLS OR UNITIZED SWING JOINTS (AS SPECIFIED ON DETAILS).
2. CONTRACTOR TO UTILIZE A AUTOMATIC DRAIN CHECK VALVE DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
3. ALL TWO-WIRE CABLE TO BE MINIMUM SIZE OF 14-2 MAXI-CABLE. WIRE SIZING MUST BE DONE IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS FOR WIRE LENGTH RUNS, DECODER NUMBERS, ETC (VERY POSSIBLE 12-2 CABLE WILL BE REQUIRED FOR THIS JOB - CONTRACTOR IS RESPONSIBLE FOR THOSE CALCULATIONS).
4. ALL TWO-WIRE CABLE TO BE INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.
5. ALL ELECTRICAL CONDUITS OPENINGS TO BE FOAM SEALED.
6. ALL WIRE SPLICES TO BE MADE WITH 3M DBRY-6 CONNECTORS MOUNTED IN A MINIMUM OF 10" CARSON VALVE BOX.
7. ALL PIPING AND WIRING UNDER HARDTOPS WILL BE IN CLASS 200 PVC PIPE SLEEVE.
8. LSP-1 SURGE ARRESTORS SHALL BE INSTALLED EVERY 300' OR EVERY 6 DECODERS (WHICHEVER IS SHORTER) ALONG TWO-WIRE PATH. LSP-1 SURGE ARRESTORS SHALL ALSO BE INSTALLED AT ALL TERMINAL ENDS OF TWO-WIRE CABLE PATHS (STAR CONFIGURATION). REFER TO DETAIL P.
9. INSTALLATION CONTRACTOR SHALL ADHERE TO ALL MANUFACTURER SPECIFICATIONS FOR TWO-WIRE CONTROL SYSTEM INSTALLATION (WIRE SIZING, WIRE LENGTH OF RUNS, GROUNDING, ETC).

IRRIGATION NARRATIVE:

Irrigation Coverage:
All turf, planting and tree pit areas will receive 100% irrigation coverage. Refer to Plans for more specifics.

Irrigation System Layout:
Irrigation zoning has provided separate irrigation zones for turf areas, shrub/g areas, and tree areas. Zones will be laid out in a way that best allows for maximum zone size; therefore, resulting in more efficient use of total system capacity and resulting in faster system run-time. All remote Control Valves shall be installed with pressure regulation devices. System will be laid out so that no spray (non-drip zone) exceeds 50 gpm.

All lateral piping shall be Class 200 PVC pipe, utilizing Sch 40 PVC solvent weld fittings. Lateral pipe shall be sized so that flow through the pipe does not exceed 5 feet per second.

All irrigation piping installed under hardscape elements will be installed in Sleeve. Sleeve shall be class 200 PVC pipe and will be minimally sized to be twice the diameter as the cumulative pipe running through that sleeve (i.e. 3" of pipe will be installed in a 6" sleeve). Preliminary Sleeve Plan (locations and sizes) have been shown on the plans for reference purposes. As Irrigation Plans are further developed, these sleeve locations and sizes could change.

For irrigation system scheduling, it will be the responsibility of the irrigation contractor to develop a seasonal irrigation schedule, in coordination with Owner's Representative that will take into account the variations in seasonal water demand, all local irrigation regulations and the owner's maintenance desires for the site.

LATERAL PIPE - CLASS 200 PVC PIPE SIZING	
FLOW	SIZE
0 - 10 GPM	3/4"
10+ - 16 GPM	1"
16+ - 32 GPM	1-1/2"
32+ - 50 GPM	2"

REMOTE CONTROL VALVE SIZING	
FLOW	SIZE
0 - 29+ GPM	1"
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SITE solutions

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PROFESSIONAL STAMP:

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SHEET STATUS

MARK	DATE	BY	RELEASE
	08/18/2023		IRR SUBMITTAL

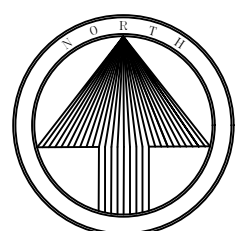
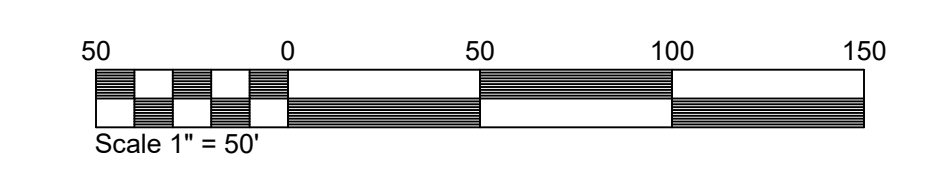
SHEET TITLE:
OVERALL IRRIGATION PLAN

PROJECT NUMBER:
22010.00

11.01

DATE: 08.02.2023

NOT ISSUED FOR CONSTRUCTION



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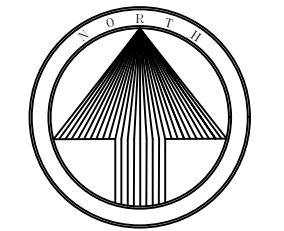
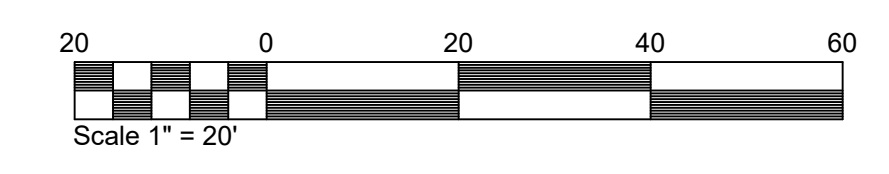
IRRIGATION PLAN

PROJECT NUMBER:
22010.00

11.02

DATE: 08.02.2023

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Approximate Irrigation Controller Location.
Owner's Representative Shall Pinpoint Exact Location at Site. Irrigation Contractor Shall Hardwire 120 VAC Power to Controller.

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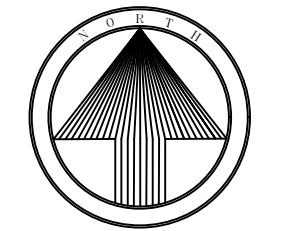
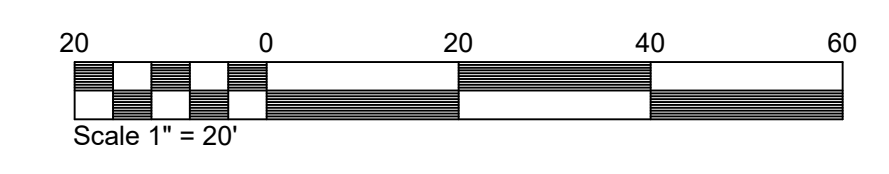
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PROJECT NUMBER:
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