

NTS
Section

L1.01

plan
 $\Gamma = 20^{\circ} 0''$

0 4 10 20 40

N

IRRIGATION LEGEND

EQUIPMENT

Symbol	Description
④	REMOTE CONTROL VALVE
⑤	DRIP CONTROL ZONE KIT
▲	QUICK COUPLER
Ⓢ	CONTROLLER, SEE SPECS AND DETAILS
Ⓢ	POINT-OF-CONNECTION
Ⓢ	WATER METER, BY OTHERS
Ⓢ	DOUBLE-CHECK VALVE, SEE OML
Ⓢ	ISOLATION VALVE
Ⓢ	PRIMARY FILTER
Ⓢ	MANLINE, SCH. 40 PVC, 2"
Ⓢ	IRRIGATION SLEEVE, SCH. 40 PVC, 4"
Ⓢ	LATERAL LINE, CLASS 200 PVC, SIZE AS NOTED
Ⓢ	ELECTRICAL CONDUIT
Ⓢ	GALLONS PER MINUTE
Ⓢ	VALVE SIZE
Ⓢ	ZONE NUMBER

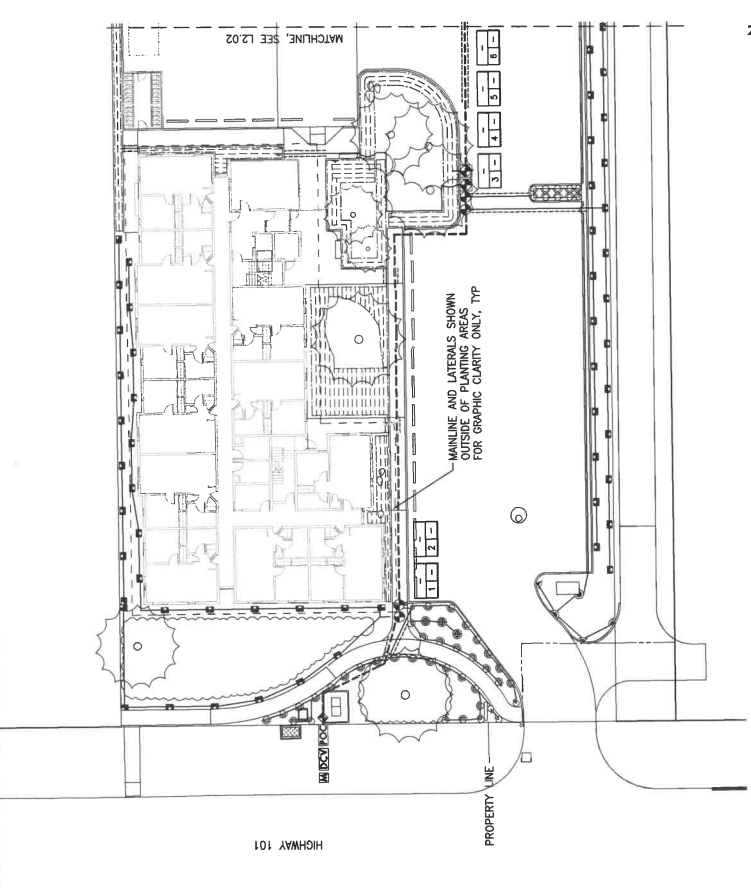
SPRAY HEADS — MP ROTATOR NOZZLES

Sym	Spray Head	Nozzle	Arc	GPM	Radius
Ⓢ	HUNTER PRO-SPRAY PRS40	MPRSS30	.44	.44	5'x30"
Ⓢ	HUNTER PRO-SPRAY PRS40	MPRSS15	.22	.22	5'x15"
Ⓢ	HUNTER PRO-SPRAY PRS40	MPRSS15			5'x15"

SPRAY HEADS — HUNTER PRO ADJUSTABLE NOZZLES

Sym	Spray Head	Nozzle	Arc	GPM	Radius
Ⓢ	HUNTER PROSPRAY PRS30	PRO-ADJUST 4A	45°-360°	.13-.80	4'
Ⓢ	HUNTER PROSPRAY PRS30	PRO-ADJUST 6A	45°-360°	.18-1.28	6'
Ⓢ	HUNTER PROSPRAY PRS30	PRO-ADJUST 8A	45°-360°	.22-1.76	8'
Ⓢ	HUNTER PROSPRAY PRS30	PRO-ADJUST 10A	45°-360°	.25-2.00	10'
Ⓢ	HUNTER PROSPRAY PRS30	PRO-ADJUST 12A	45°-360°	.32-2.52	12'
Ⓢ	HUNTER PROSPRAY PRS30	PRO-ADJUST 17A	45°-360°	.58-4.60	17'

- LEGEND
- PROPERTY LINE/RIGHT-OF-WAY
 - EXISTING TREE TO REMAIN
 - EXISTING VEGETATION TO REMAIN



1 IRRIGATION PLAN

- NOTES
- THIS PLAN IS BASED ON A SURVEY BY KC DEVELOPMENT DATED 02/06/2021. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IDENTIFIED ON SITE RELATED TO SURVEY INFORMATION PRIOR TO INSTALLATION.
 - INSTALL IRRIGATION SYSTEM IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
 - PRIOR TO COMMENCEMENT OF ANY IRRIGATION WORK, THE CONTRACTOR SHALL OBTAIN A MINIMUM DYNAMIC (WORKING) PRESSURE OF 60PSI WHEN FLOWING AT THE POINT OF CONNECTION.
 - ALL TRENCHING WITHIN ROOT PROTECTION ZONES SHALL COMPLY WITH THE REQUIREMENTS SPECIFIED IN THE TREE PROTECTION PLANS AND SPECIFICATIONS.
 - COORDINATE ALL IRRIGATION WORK WITH OTHER TRADES AS REQUIRED, INCLUDING POINT(S)-OF- CONNECTION AND CONTROLLER INSTALLATION.
 - IRREMOVABLE PERMANENT ALL VALVES AND IRRIGATION HEADS SHALL BE LOCATED IN PLANTED AREAS, FIELD ADJUST LINES TO AVOID CONFLICTS WITH STRUCTURES AND UTILITIES.
 - ALL PIPES AND EQUIPMENT SHOWN IN PAVED AREAS IS FOR GRAPHIC CLARITY ONLY. ALL PIPES AND EQUIPMENT SHALL BE IN PLANTING AREAS UNLESS OTHERWISE NOTED.
 - PROMOTE SLEEVES UNDER ALL PAVED AREAS FOR IRRIGATION MAINLINE AND LATERALS.
 - ALL VALVES (EXCEPT FOR MANUAL DRAIN VALVES ON DRIP ZONES) AND THE MAINLINE MUST BE LOCATED WITHIN PROPERTY LINE.
 - COORDINATE IRRIGATION POINTS OF CONNECTION AND LOCATION OF REMOTE CONTROL VALVE ASSEMBLIES AND SLEEVES. COORDINATE ALL WORK WITH OTHER TRADES INVOLVED.
 - FACE ALL VALVES IN VALVE BOXES AND IN A MANNER THAT PROVIDES ACCESS FOR MAINTENANCE. SIZE BOXES TO ACCOMMODATE COMPLETE VALVE ASSEMBLY. MAINTAIN MIN. 12" BETWEEN VALVE BOXES AND PAVEMENT.
 - IRRIGATION LATERALS ARE SIZED STARTING AT VALVE AND CONTINUING IN DIRECTION OF FLOW. REDUCTIONS IN PIPE SIZE ARE LABELED BEGINNING DOWNSTREAM OF NEAREST VALVE. ALL LATERALS SHALL BE A MINIMUM 3/4" OR SAME SIZE AS NEAREST ADJACENT PIPE.
 - CONTRACTOR TO MARK LAYOUT OF TRENCHES AND VALVE CONSTRUCTION.
 - INSTALL AND ADJUST ALL COMPONENTS OF IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE OF ALL PLANTING AREAS AND MINIMIZE WASTEFUL FLOWINGS AND PAVING. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE WORKING SYSTEM.
 - PROVIDE 12" POP-UP SPRINKLER BODIES FOR ALL SHRUB AND GROUNDCOVER BEDS, AND 6" SPRINKLER BODIES FOR LAWN AREAS AND SHRUB BEDS IMMEDIATELY ADJACENT TO PARKING AREAS.

SHORE PINES HOUSING PROJECT

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STAMP

NO.

DATE

KEY PLAN

LAND USE
REVIEW UPDATE
PROJECT NUMBER

2005

DATE

06.12.2021

STATUS

AS SHOWN

FORWARD TITLE

IRRIGATION PLAN

SHEET NUMBER

L2.02

