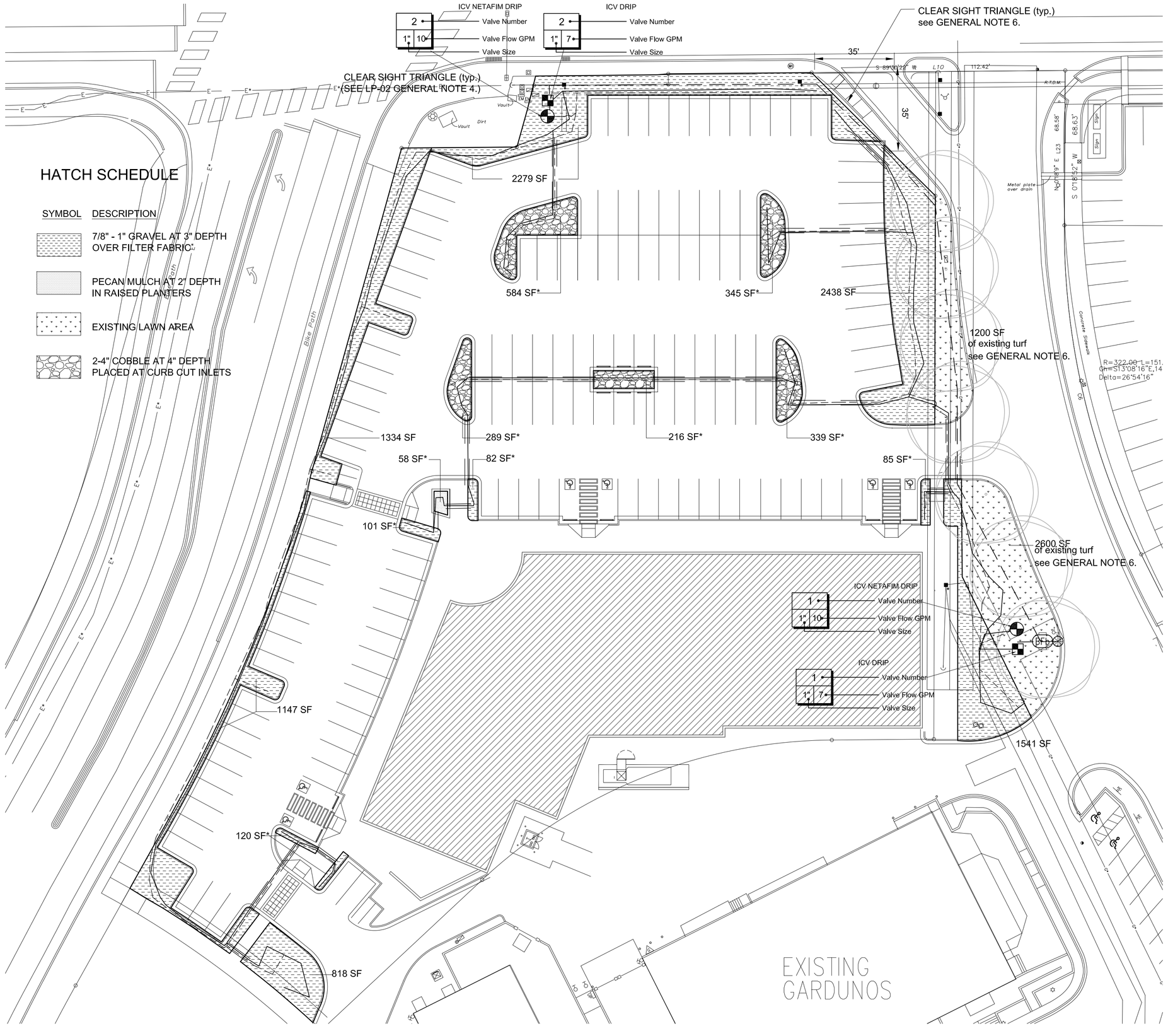


IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION	QTY
	Hunter 1" ICV Drip Valve with pressure regulation	4
	Hunter ICV - see size on plan Electric remote control valve	5
	Gate / Tap Valve	2
BFb	Febco 825YA 1" (drip) Reduced Pressure Backflow Preventer (Dave and Buster's building area)	1

Valve Callout
- Valve Number
- Valve Flow GPM
- Valve Size

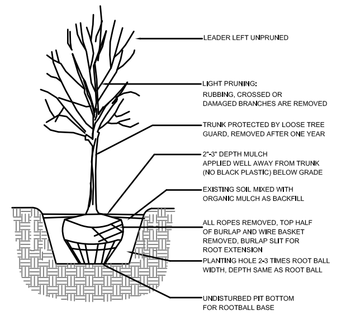
SYMBOL	DESCRIPTION	QTY
	Drip emitters (not shown on plan) 1Netafim spiral per tree, two 2 gph emitters per shrub	
	3/4" Poly drip line end each segment with a flush cap	see plan
	1 1/2" Mainline SCH40	see plan
	Sleeving CL200 two sizes bigger than pipe enclosed	see plan

IRRIGATION EQUIPMENT/PIPING IS SHOWN OUTSIDE OF THE LANDSCAPE AREAS FOR CLARITY.

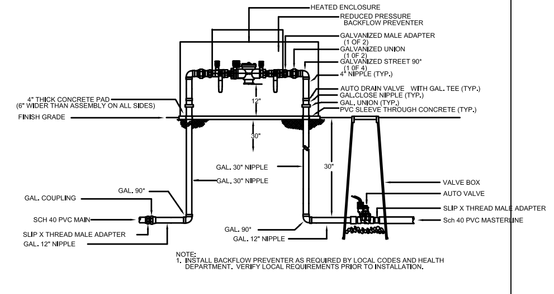
IRRIGATION NOTES:
1. ALL NEW PLANTINGS TO BE WATERED BY AUTO DRIP IRRIGATION SYSTEM.
2. WATER MANAGEMENT AND THE MAINTENANCE OF THE IRRIGATION SYSTEM IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER.
3. THE IRRIGATION SYSTEM SHALL BE CONNECTED TO CITY WATER. THE POINT OF CONNECTION SHALL CONSIST OF A WATER METER, BACKFLOW PREVENTER, AND MASTER VALVE. SEE I103 FOR DETAIL.
4. USE 50 LF NETAFIM SPIRAL PER EACH TREE AND TWO 2 GPH EMITTERS PER EACH SHRUB/GROUNDCOVER. USE SIX 2 GPH DRIP EMITTERS PER TREES IN POTS. AS PER USDP SEPARATE IRRIGATION ZONES SHALL BE DESIGNED FOR TREES AND SHRUBS/GROUNDCOVERS.
5. INSTALL THRUST BLOCKS WHEREVER THE MAINLINE BENDS IN NINETY DEGREE ANGLE.
6. INSTALL SLEEVES TWO SIZES LARGER THAN THE SLEEVED PIPE UNDER ALL HARD SURFACES.
7. THE BACKFLOW SIZE AND LOCATION IS ASSUMED ONLY, BASED ON THE LATEST AVAILABLE UTILITY PLAN. GENERAL CONTRACTOR TO PROVIDE THE IRRIGATION WATER STUB OUT AND ELECTRICITY FOR THE HOTBOX.
8. IRRIGATION EQUIPMENT IS SHOWN ON A LARGER SCALE FOR CLARITY. THE PIPE ROUTING ON THE PLAN IS SCHEMATIC AND MAY REQUIRE FIELD ADJUSTMENTS TO AVOID INSTALLING PIPE WITHIN THE ROOT ZONE OF PLANTS.
9. ALL SLEEVES ARE ASSUMED TO BE PLACED PRIOR HARDSCAPE WITHOUT THE NEED OF BORING.

IRRIGATION NOTE

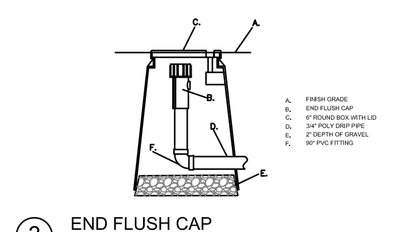
DRIP SYSTEM RUN CYCLES:
ESTABLISHMENT AND SUMMER:
1 HOUR/4 DAYS A WEEK
SPRING:
1 HOUR/2-3 DAYS A WEEK
FALL:
1 HOUR/2-3 DAYS A WEEK
WINTER:
1 HOUR/2 DAYS PER MONTH



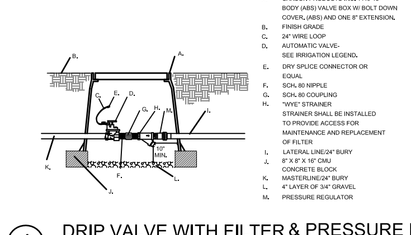
1 TREE PLANTING DETAIL N.T.S.



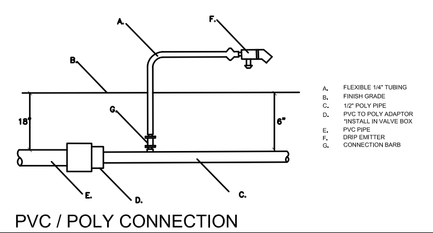
2 RP BACKFLOW/MASTER VALVE DETAIL N.T.S.



3 END FLUSH CAP N.T.S.



4 DRIP VALVE WITH FILTER & PRESSURE REGULATOR N.T.S.



5 PVC / POLY CONNECTION N.T.S.

NORTH

Scale: 1" = 30'

15' 0 30' 60'

growing better Heads Up
LANDSCAPE CONTRACTORS
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505.898.9615
505.898.2105 (fax)
design@hulc.com

Designed By:

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Huitt-Zollars, Inc. Rio Rancho
333 Rio Rancho Drive NE, Suite 101
Rio Rancho, New Mexico 87124
Phone (505) 892-5141 Fax (505) 892-3259

AS BUILT INFORMATION
CONTRACTOR DATE
WORK STARTED BY DATE
WORK COMPLETED DATE
ACCEPTANCE BY DATE
VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
FOUND MONUMENT "20_H18"
STANDARD 3 1/4" ALUMINUM DISC (FOUND IN PLACE)
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983)
N=1,493,154.978
E=1,545,048.210
PUBLISHED EL=5283.22 (NAVD 1988)
GROUND TO GRID FACTOR=0.999661580
DELTA ALPHA ANGLE=-0°11'00.11"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
JOHN GILLIES BRALY
#128
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY: KLS	DATE: JULY 2015
		DRAWN BY: KLS	DATE: JULY 2015
		DWG NAME: Winrock Section 8 Corner Shop_Plan_REV 05.17.16.dwg	PLOT:
		CHECKED BY: SE	DATE: JULY 2015

WINROCK TOWN CENTER
PHASE B

TITLE:
LANDSCAPE IRRIGATION PLAN/SITE

Design Review Committee	City Engineer	Last Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 4553.00 | Zone Map No. J-19-Z | Sheet LI101 Of