

REVISIONS DATE FOR

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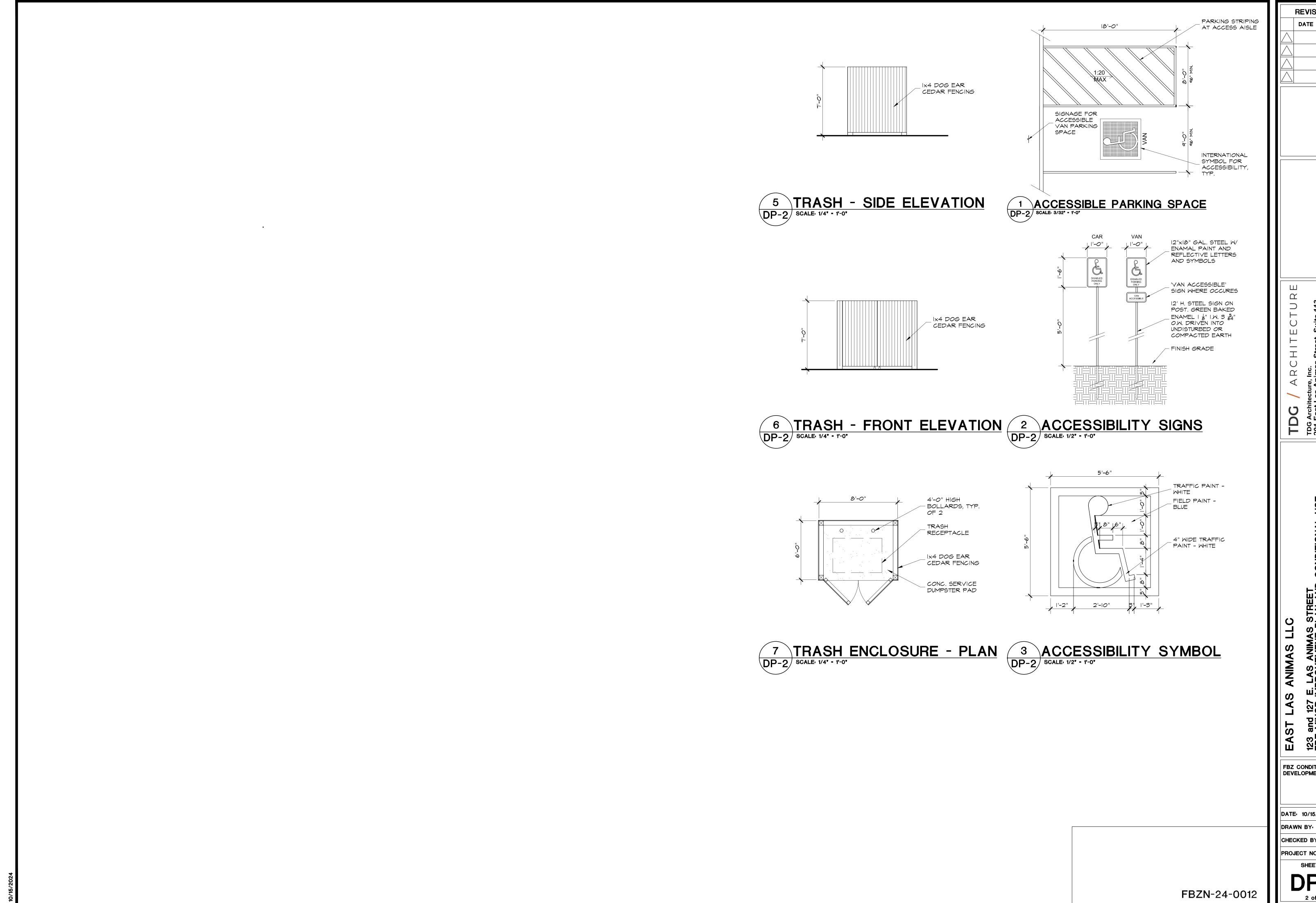
23 00 123 FBZ CONDITIONAL USE **DEVELOPMENT PLAN**

DATE: 10/15/24

CHECKED BY. TDG PROJECT NO. 24116

DRAWN BY: tdg

SHEET NO-



REVISIONS DATE FOR

123 and 127 E. LAS ANIMAS STREET FBZ MINOR IMPROVEMENT PLAN AND 127 LAS ANIMAS STREET COLORADO SPRINGS, CO

FBZ CONDITIONAL USE DEVELOPMENT PLAN

DATE: 10/15/24 DRAWN BY: tdg

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SHEET NO.



TDG ARCH 201 East Las Animas Suite 113 COS, CO 80903 719.623.5641 TDGarchitecture.com

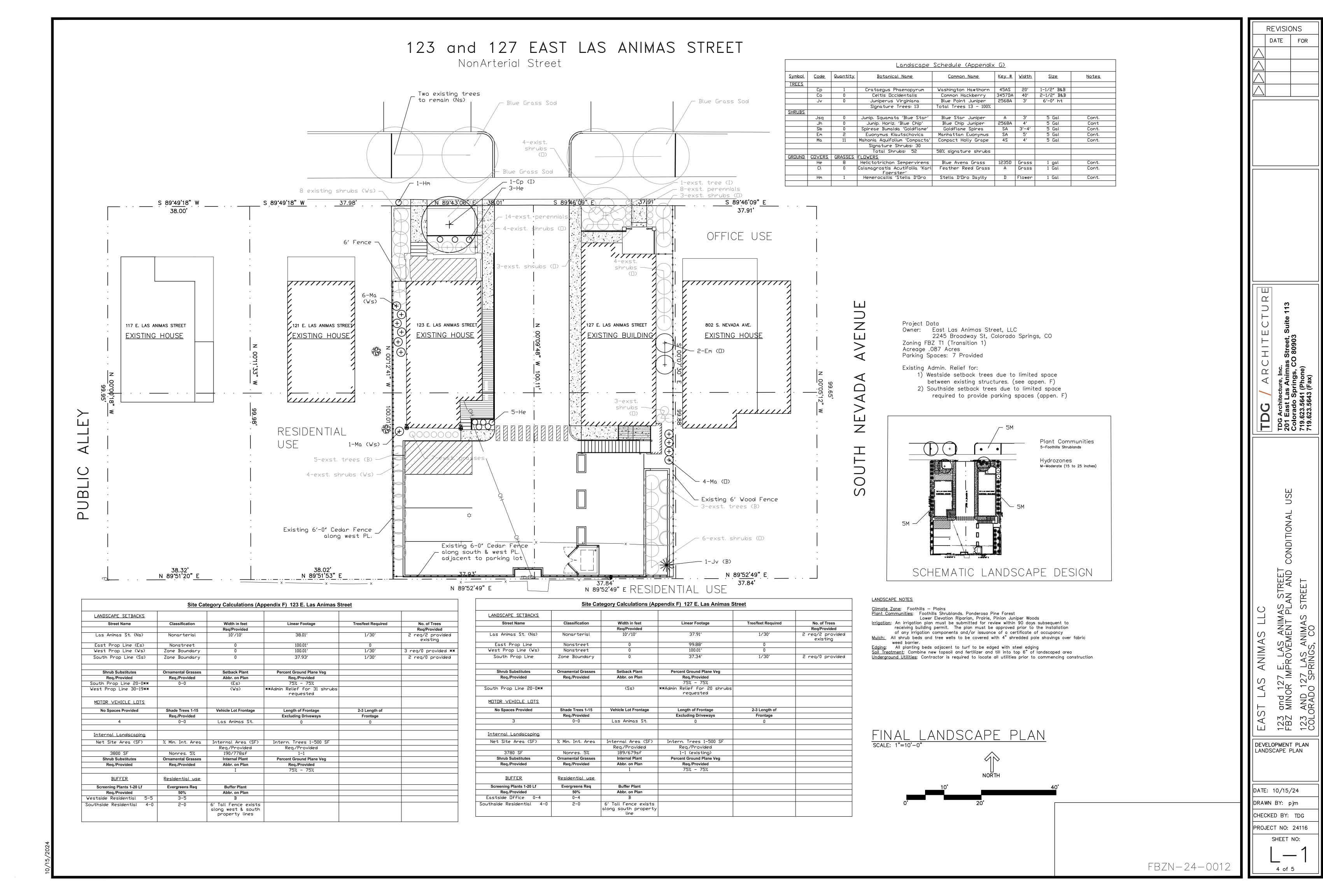
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ELEVATIONS

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DP-3



123 E. LAS ANIMAS STREET

EXISTING HOUSE

IRRIGATION LEGEND

- Mainline pipe. 1" Schedule 40 PVC. See Irrigation Note G for depth. ——— Lateral pipe. 1" Class 200 PVC. See Irrigation Note G for depth.
- Sleeving. Class 200 PVC pipe. Size $3.0^{\prime\prime}$ for water pipe, Sleeve electric and all water pipes separately for maintenance. Joints under concrete should be minimized. See Irrigation Note G for depth.
- Zone ID. See table for irrigation schedule.
- Hunter PGV-101G-x Electric Valve with flow-control. (Size 1") Install Hunter Pressure Regulator on valve to supply 35-40 PSI at rotary nozzles
- Hunter ACZ-075-25 Drip Zone Control Valve, Filter & Pressure Regulating Kit (or approved equivalent.)
- Polyethylene distribution pipe. 1/2" diameter. Use Rainbird XB-10PC emitters—2 per shrub. Route according to plant material. Bury under turf, stake under mulch. See Irrigation Note G for depth.
- Flush Cap—Rainbird 700—CF—21 or approved equivalent. Hunter PROS-04 Spray Body (4" pop) with Nozzles as shown. Install nozzles of specified type with arc appropriate to plan: partial-circle through full circle.
- C Hunter MPR Corner Nozzle 0.34 GPM
- ① Hunter MPR 1000 Nozzle
 Radius 9.5-12' half arc 0.35 GPM
- ▶ Backflow Prevention Device—Wilkins—Zurn 420XL 1" Pressure Vacuum Breaker (C) Irrigation Controller. Hunter PRO-C PC-4. 4 Station Controller
- ET/Rain/Freeze Sensor—Hunter SOLAR—SYNC Sensor.

IRRIGATION SCHEDULE

11111

127 E. LAS ANIMAS STREET

NEW BUILDING

Zone #	Description	Flow Rate (GPM)	Precipitation Rate (Inches/Hour)	Daily Runtime (Minutes/Day)	Spring (Min/Day)	Fall (Min/Day
1	MPR Rotator	2.1	0.47	30	26	24
2	Drip	< 4		30	26	24
3	MP Rotator	2.1	0.42	34	29	27
4	Drip	< 4		30	26	24
E.T. inches	0.2	Seasonal Adjustment		100%	85%	80%
Efficiency	84%					

Note: The runtimes shown in schedule are based on this E.T. and efficiency. Zone runtimes should be adjusted accordingly for seasonal changes and zone exposure. Rain sensor set for automatic shut off at 1/2" of rainfall.

October 2024 Existing System Update Requirements

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IRRIGATION COMPONENTS

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IRRIGATION NOTES

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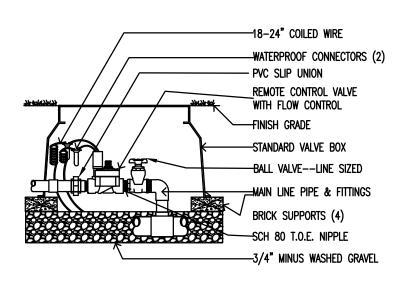
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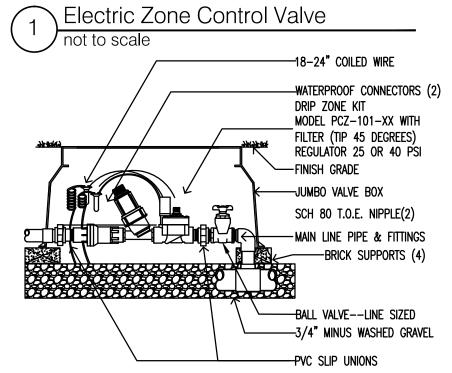
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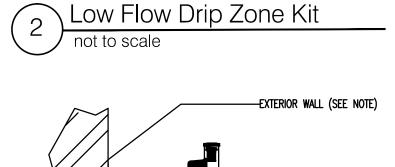
IRRIGATION INSTALLATION DETAILS

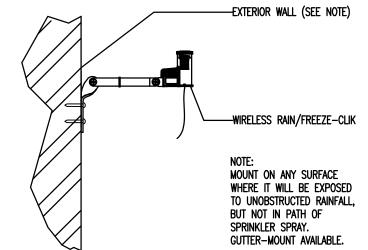
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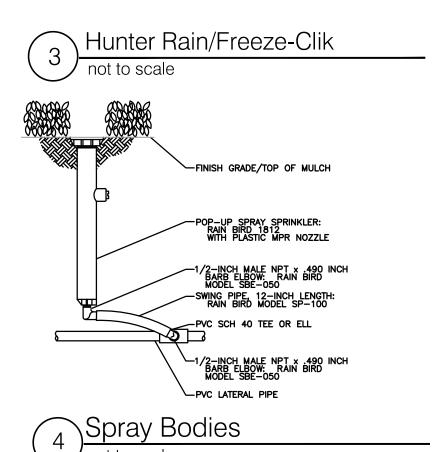
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540 Buckeye, Terrace Level Colorado Springs, CO 80919 Tel 710.593.1540

Drawn By William Marbaker, CID

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> PROJECT NO: 24116 SHEET NO:

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DEVELOPMENT PLAN

IRRIGATION PLAN

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