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DUTCH BROS. COFFEE - CO0907, COLORADO SPRINGS, CO

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM
CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO

PCD FILE NO PPR2418

LEGEND

- EXISTING TREE TO BE RETAINED. PROTECT DURING CONSTRUCTION. SIZE OF SYMBOL EQUATES TO SIZE OF DRIFLINE
- EXISTING LANDSCAPE AND IRRIGATION TO BE RETAINED. PROTECT DURING CONSTRUCTION
- EXISTING ROCK MULCH TO BE RETAINED

PROJECT DATA:

DUTCH BROS COFFEE - CO0907
LOCATION: 5810 OMAHA BLVD, COLORADO SPRINGS, CO 80915
APN: 540-630-4025

PROPOSED USE: DRIVE-THRU COFFEE STAND

LOT AREA: GROSS PROJECT AREA: 26,869 SF (0.62 ACRES)
PARCEL AREA: 26,869 (0.62 ACRES)

ZONING: CR (COMMERCIAL REGIONAL)
WITH A COMMERCIAL AIRPORT OVERLAY DISTRICT (CAD-0)

PARKING SPACES:
- REQUIRED: 1 PER 100 SF OF GROSS FLOOR AREA, 10 SPACES
- PROPOSED: 12 SPACES INCLUDING 1 VAN ACCESSIBLE SPACE

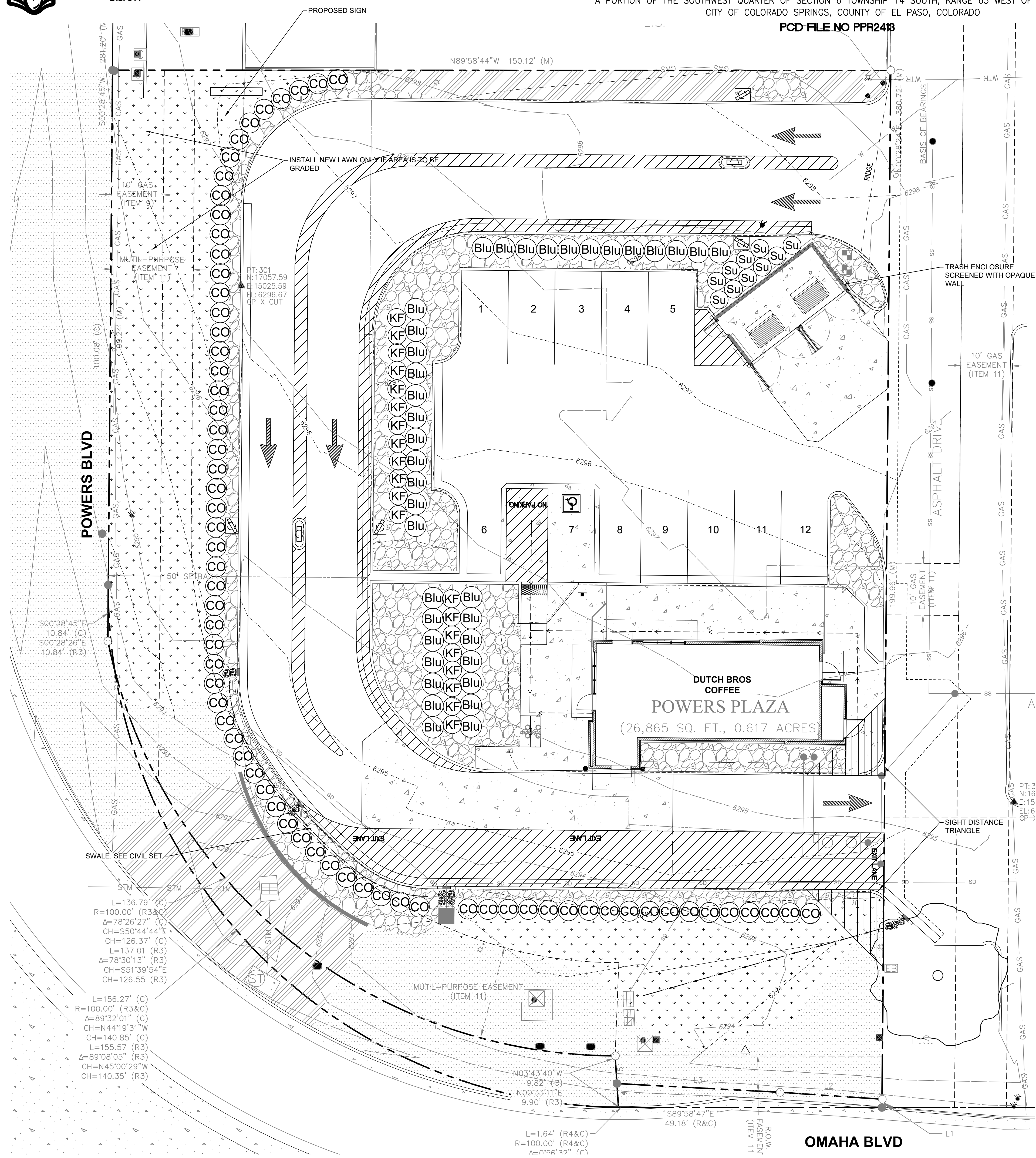
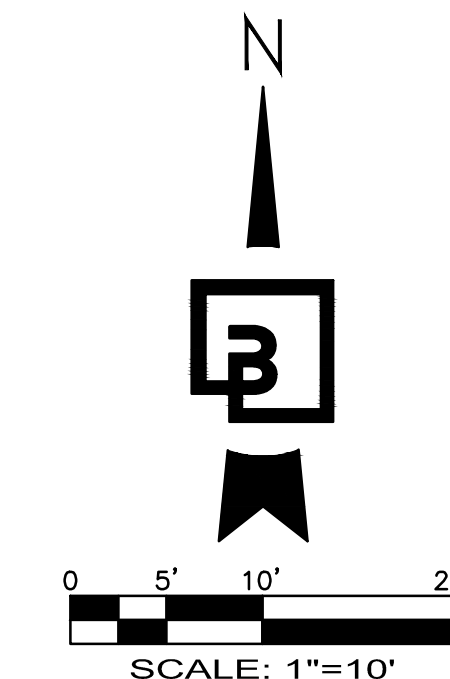
PROPOSED GROUND COVER SUMMARY:

BUILDINGS (INCLUDES TRASH ENCLOSURE):	1,222 SF	(4.6%)
PARKING AND MANUEVERING:	13,269 SF	(49.4%)
WALKWAYS:	1,352 SF	(5.0%)
LANDSCAPE:	10,529 SF	(39.2%)
EXISTING LANDSCAPING	497 SF	(1.8%)
TOTAL	26,869 SF	(100.0%)

LANDSCAPE REQUIREMENTS:

PARKING LOT TREES:
1.4.3 LANDSCAPE AND WATER CONSERVATION MANUAL
TREES ARE REQUIRED FOR PARKING AREAS WITH 15+ PARKING STALLS.
12 STALLS PROPOSED, NO TREES REQUIRED
SHRUBS ARE OPTIONAL, GROUND COVER IS REQUIRED
TURFGRASS IS DISCOURAGED

INTERNAL LANDSCAPING SHOWN. COVERS APPROXIMATELY 50% OF THE INTERNAL LANDSCAPE BEDS

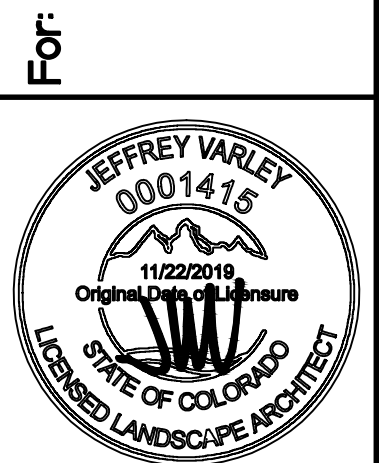
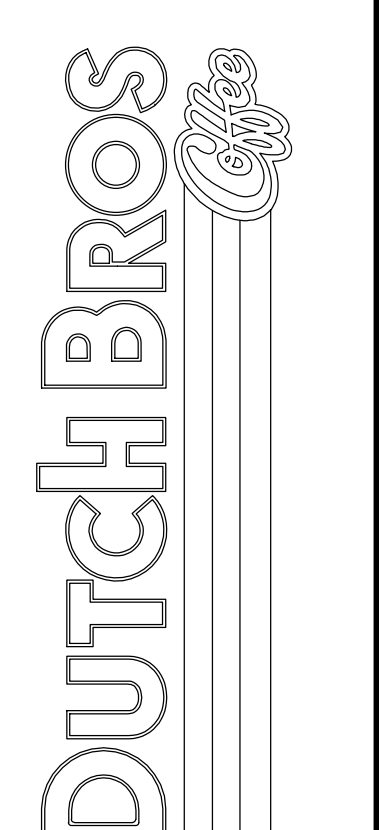


PLANT SCHEDULE

SYMBOL	BOTANICAL/Common NAMES	SIZE CONDITION	SPACING	REQUIRED QUANTITY	PROVIDED QUANTITY	REMARKS
SHRUBS:						
Blu	JUNIPERUS HORIZONTALIS / 'WILTONI' BLUE RUG JUNIPER	1 GALLON	AS SHOWN	37	37	FULL & BUSHY
Su	RHUS TRILOBATA 'GRO-LOW' / THREE LEAF SUMAC	1 GALLON	AS SHOWN	10	10	FULL & BUSHY
CC	COTONEASTER ACUTIFOLIA 'PEKING' / PEKING COTONEASTER	24" HT.	48" O.C.	69	69	FULL & BUSHY
ORNAMENTAL GRASSES:						
KF	CALAMAGROSTIS ACUT. 'KARL FOERSTER' / FEATHER REED GRASS	1 GALLON	AS SHOWN	20	20	FULL & BUSHY
GROUND COVER:						
DROUGHT TOLERANT FESCUE-TYPE TURFGRASS, SEED OR SOD						
MULCH:						
PROPOSED ROCK MULCH AREA. MATCH EXISTING TYPE AND DEPTH. INSTALL IN ALL LANDSCAPE BEDS IN ADDITION TO AREAS SHOWN WITH HATCH PATTERN. DO NOT INSTALL TOPSOIL OR IRRIGATION IN THESE AREAS						

Revision
No. Date By Cdd. Apr.

Title:
LANDSCAPE PLANTING PLAN
5810 OMAHA BLVD
COLORADO SPRINGS, CO 80915



Scale:
Horizontal 1" = 10'
Vertical N/A

Designed: JMV
Drawn: JMV
Checked: JMV
Approved: JMV
Date: 03/29/24

Barghausen Consulting Engineers, Inc.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222 barghausen.com

Job Number: **23098**
Sheet: **LP-1**
Finishing USA, LLC

PPR2418

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A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM
CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO
PCD FILE NO PPR2413

MAINTAIN EXISTING IRRIGATION IN AREAS WHERE EXISTING TURF IS TO REMAIN. REPLACE SPRAY NOZZLES TO ACCOMMODATE REVISED LAWN LAYOUT AS SHOWN

INSTALL NEW IRRIGATION ONLY IF AREA IS TO BE GRADED AND NEW TURFGRASS LAWN IS INSTALLED OTHERWISE, ONLY REVISE EXISTING IRRIGATION AS NEEDED TO ALLOW FOR SHRUB HEDGE AND ASSOCIATED IRRIGATION

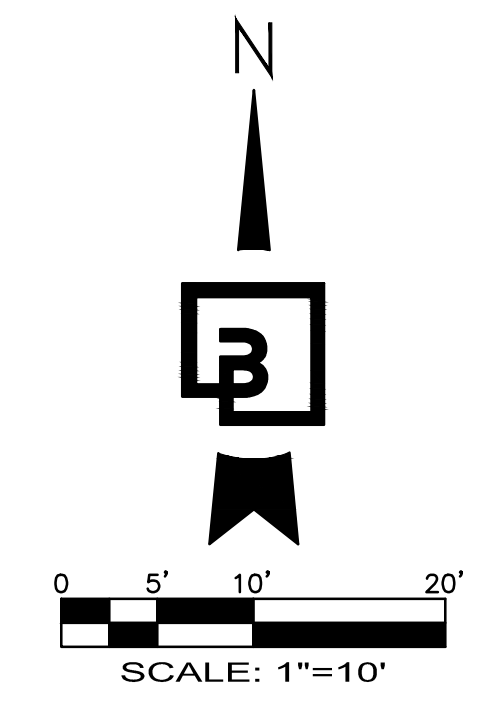
ROUTE IRRIGATION EQUIPMENT AROUND EQUIPMENT

IRRIGATION POINT OF CONNECTION WITH NEW 3/4" WATER METER AND 3/2" RPBA

P.O.C.

LEGEND

- EXISTING TREE TO BE RETAINED. PROTECT DURING CONSTRUCTION. SIZE OF SYMBOL EQUATES TO SIZE OF DRIPLINE
- EXISTING LANDSCAPE AND IRRIGATION TO BE RETAINED. PROTECT DURING CONSTRUCTION
- EXISTING ROCK MULCH TO BE RETAINED



FROST DEPTH

COLORADO SPRINGS FROST DEPTH: APPROXIMATELY 38 INCHES

IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION	MIN. PSI	EMITTER SPACING	EMITTER GPH
	RAINBIRD XFS-CV-06-12 SUB-SURFACE DRIPLINE COMPONENTS: TO BE USED WITH RAINBIRD XF DRIPLINE INSERT FITTINGS OR TWIST LOCK FITTINGS			
	XFS-CV SUB-SURFACE DRIP IRRIGATION FOR PLANTING AREAS WITH GROUNDCOVER, SHRUBS AND TREES. ABOVE NOTED DRIPLINE IS DESIGNED WITH .40 GPH EMITTERS SPACED AT 12 INCHES APART AND A ROW SPACING OF 18" INCHES	20	12"	.40
NOTE: XFS-CV HAS A CHECK VALVE INTEGRATED. INSTALL RAINBIRD T63-100 1/2" BLANK DISTRIBUTION TUBING IN AREAS WHERE PLANTS ARE NOT INSTALLED				
SPRINKLER HEADS:				
RAIN BIRD 1804-SAM SERIES POP-UP BODY, 4" LAWN				
SYMBOL	NOZZLE	PSI	GPM	RADIUS
	STRIP SERIES 15RCS, 15LCS, 15SST	30	0.49, 0.49, 1.21	4x15, 4x15, 4x30
	R-VAN ADJUSTABLE NOZZLE 270, 210, 180, 90	30	1.80, 1.40, 1.20, 0.60	14-24'

- ADDITIONAL EQUIPMENT**
- VALVE FOR DRIP IRRIGATION: RAINBIRD XCZ-100-PRB-COM / 150-PRB-COM SERIES AUTOMATIC DRIP VALVE ASSEMBLY WITH 40 PSI PRESSURE REGULATOR
XCZ-100-PRB-COM: 1" BALL VALVE WITH 1" PESB VALVE AND 1" PRESSURE REGULATING 40 PSI QUICK-CHECK BASKET FILTER, 0.3 GPM TO 20 GPM
XCZ-150-PRB-LCDR: 1-1/2" PESB-R SCRUBBER GLOBE VALVE WITH SINGLE 1-1/2" PRESSURE REGULATING (40 PSI) QUICK-CHECK BASKET FILTERS, FLOW RANGE: 15-62 GPM
 - VALVE FOR SPRAY IRRIGATION, RAINBIRD PEB SERIES ELECTRIC REMOTE CONTROL VALVE
 - RAINBIRD ESPME3 SERIES AUTOMATIC WALL MOUNT CONTROLLER WITH ONE ESP4MEI STATION MODULE
 - WRS-RFC RAIN/FREEZE SENSOR. LOCATE SENSOR AS FIELD-DIRECTED BY THE LANDSCAPE ARCHITECT
 - LASCO V SERIES SCH 80 PVC TRUE UNION BALL VALVE, MAINLINE SIZE
 - RAINBIRD 33-LRC QUICK COUPLING VALVE WITH LOCKING COVER AND 3/4" PVC BALL VALVE

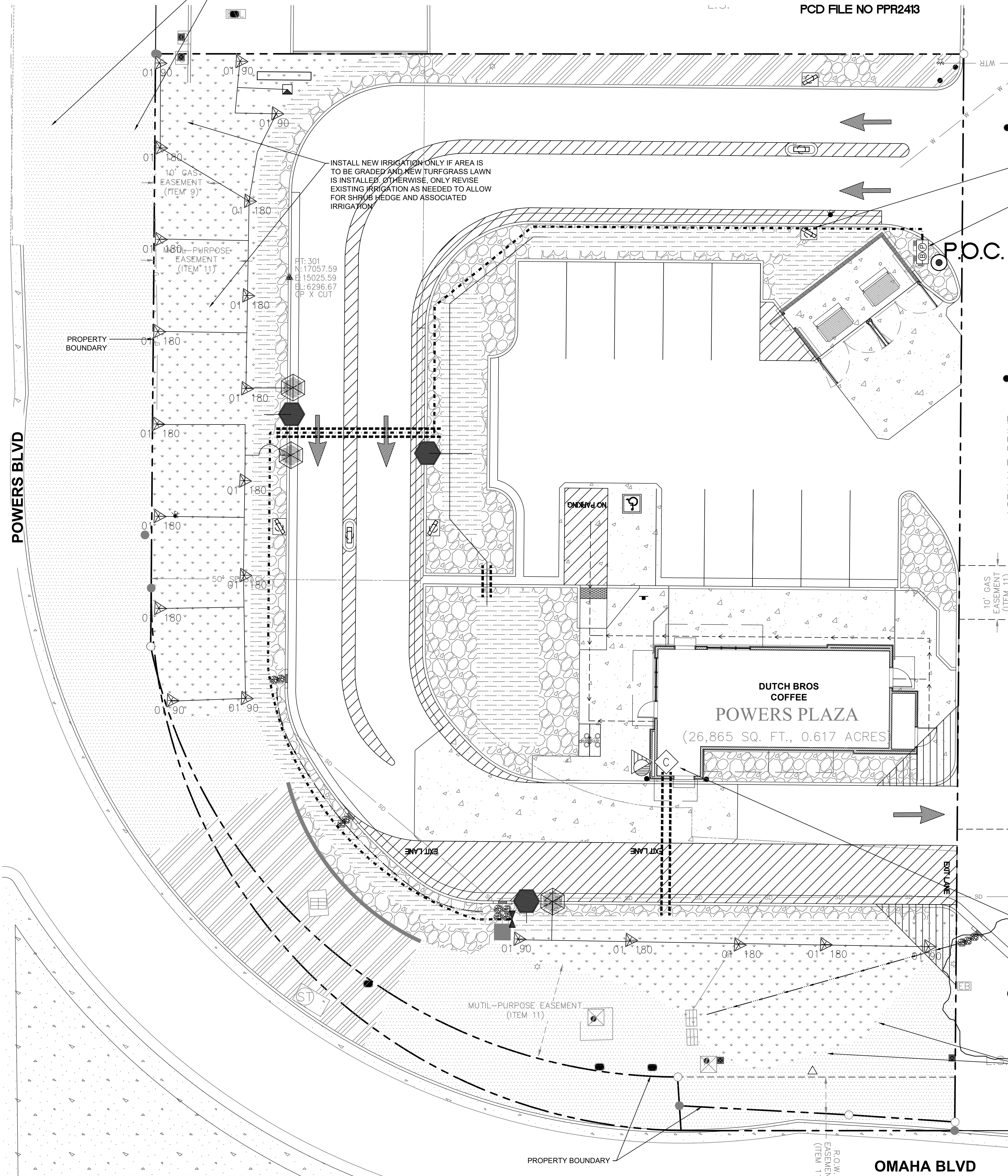
P.O.C. NEW 3/4-INCH WATER METER AND 3/4-INCH REDUCED PRESSURE BACKFLOW PREVENTION DEVICE, RPBA FROM APPROVED LIST BY CHEROKEE METROPOLITAN DISTRICT AND PER EL PASO COUNTY STANDARDS AND SPECIFICATIONS. ABOVE GROUND RPBA SHALL BE ENCLOSED IN SUITABLE ENCLOSURE. ENCLOSURE SHALL BE HEATED AND INSULATED WITH HINGED LOCKABLE LID WHICH EXPOSES TOP AND FRONT OF RPBA. ENCLOSURE SHALL BE EQUIPPED WITH A SCREENED DRAINAGE PORT AT THE BASE AND FLEXIBLE FLAP TO PREVENT DRAFTS. CONTRACTOR SHALL COORDINATE INSTALLATION OF 120-VOLT, SINGLE PHASE, 15-AMP GROUND FAULT INTERRUPTING RECEPTACLE (UL STANDARD 943, N.E.M.A. 3R) WITH ELECTRICAL PLANS, INCLUDING CONDUIT ROUTING TO FACILITY. COORDINATE ALL REQUIREMENTS WITH WATER PURVEYOR PRIOR TO CONSTRUCTION

- MAINLINE - SCH 40 PVC (18" COVER); 1-1/2" SIZE MINIMUM
- LATERAL - CLASS 200 (12" COVER); SIZE PER TABLE, 3/4" SIZE MINIMUM
- IRRIGATION SLEEVE - SCH 40 PVC; 24" MINIMUM COVER AT VEHICLE CROSSINGS; TWICE SIZE OF PIPE TO BE INSERTED

CONTROLLER NOTE
CONTROLLER SHALL BE PLACED INSIDE OF ELECTRICAL ROOM. VERIFY LOCATION IN FIELD WITH OWNER'S REPRESENTATIVE

120 VAC POWER TO CONTROLLER LOCATION IS NOT WITHIN THE IRRIGATION CONTRACTOR'S SCOPE OF WORK, AND SHALL BE PROVIDED BY OTHERS. HOOK-UP OF CONTROLLER TO 120 VAC SHALL BE PERFORMED BY THE IRRIGATION CONTRACTOR. IRRIGATION CONTROLLER SHALL COORDINATE LOCATION OF WIRE SLEEVE PENETRATIONS THROUGH BUILDING WITH OWNER AND GENERAL CONTRACTOR. STATION RUN ORDER SHALL MATCH PLANS

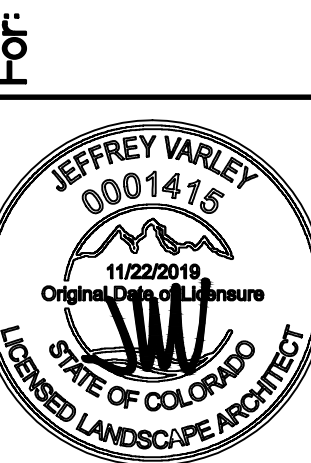
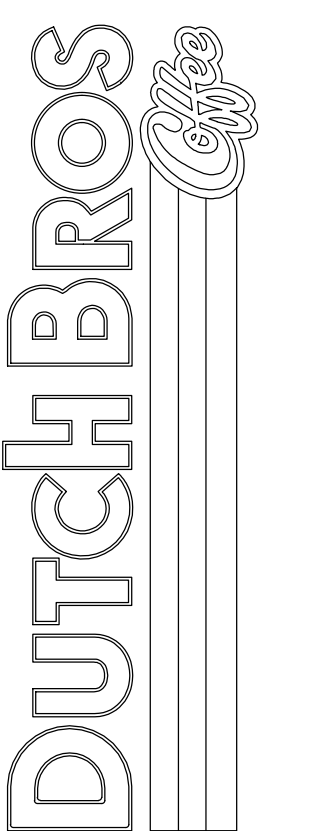
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Revision	No.	Date	By	Code	Aspr.

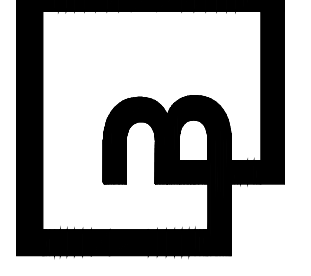
LANDSCAPE IRRIGATION PLAN
5810 OMAHA BLVD
COLORADO SPRINGS, CO 80915



Scale: Horizontal 1" = 10' Vertical N/A

Designed	Drawn	Checked	Approved	Date
JMV	JMV	JMV	JMV	03/29/24

Barghausen Consulting Engineers, Inc.
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Job Number: 23098
Sheet: Li-1
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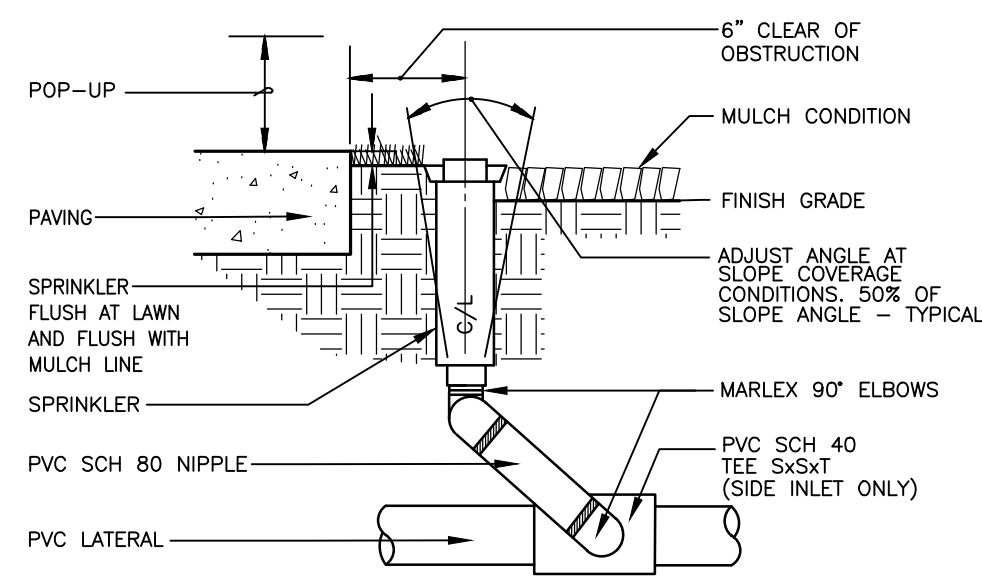


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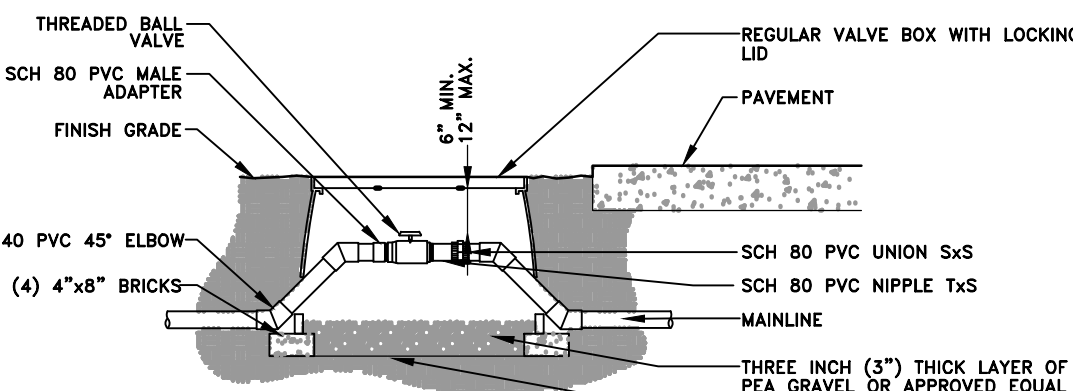
PCD FILE NO PPR2413



NOTE:
MANUFACTURER'S LIMITS PREVAIL FOR
INSTALLATION AND ADJUSTMENTS.
PROVIDE SWING JOINT RISERS AT WALKS AND CURBS.
24\"/>

POP-UP RISER ASSEMBLY

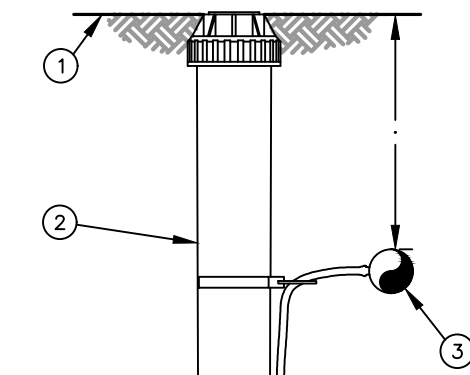
NOT TO SCALE



NOTE:
1. LOCATE VALVE BOXES IN PLANTING AREAS.
2. WRAP VALVE BOX WITH A MINIMUM OF 3 MIL THICK PLASTIC AND SECURE IT USING DUCT TAPE OR ELECTRICAL TAPE.
3. ALL THREADED CONNECTIONS TO BE MADE USING TEFLON TAPE.
4. ALL CHANGES IN ELEVATION SHALL BE MADE USING SCH 40 PVC 45° ELBOWS.

BALL VALVE DETAIL

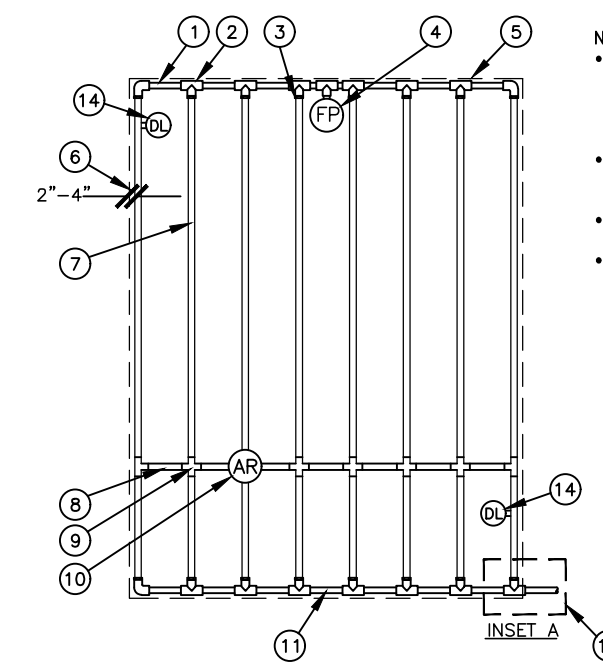
NOT TO SCALE



NOTE:
1. INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIPLINE TUBING.
2. VAN NOZZLE MAY BE SET TO CLOSED, OR IF IT IS DESIRED TO SEE SPRAY FROM THE NOZZLE, SET THE ARC TO 1/4\"/>

DRIP IRRIGATION DRIPLINE INDICATOR

NOT TO SCALE



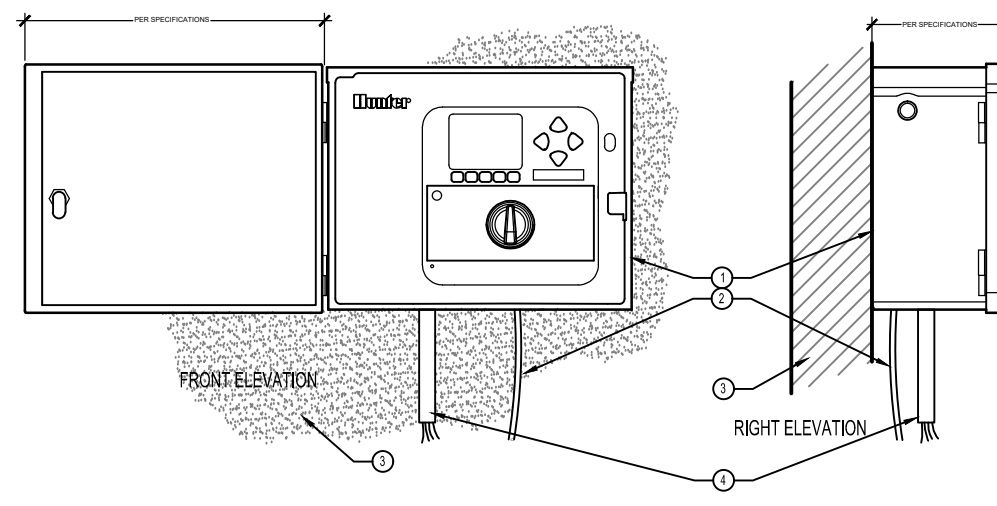
DRIPLINE END FEED LAYOUT

NOT TO SCALE

NOTES:
• DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
• LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
• AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.
• WHEN USING 1/2\"/>

- PVC EXHAUST HEADER
- PVC SCH 40 TEE OR EL (TYPICAL)
- BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- FLUSH POINT (TYPICAL): SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR "XFS FLUSH POINT WITH BALL VALVE"
- PERIMETER OF AREA
- PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
- SUB-SURFACE DRIPLINE: RAIN BIRD XFS DRIPLINE (TYPICAL): POTABLE: XFS DRIPLINE; NON-POTABLE: XFSFP DRIPLINE
- RAIN BIRD XFS SERIES BLANK TUBING
- BARB X BARB INSERT TEE OR CROSS: RAIN BIRD XFF-TEE OR RAIN BIRD XFD-CROSS (TYPICAL)
- 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050 (SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION)
- PVC SUPPLY MANIFOLD
- PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- PVC SCH 40 RISER PIPE
- DRIPLINE INDICATOR: SEE DETAIL FOR ADDTL. INFO

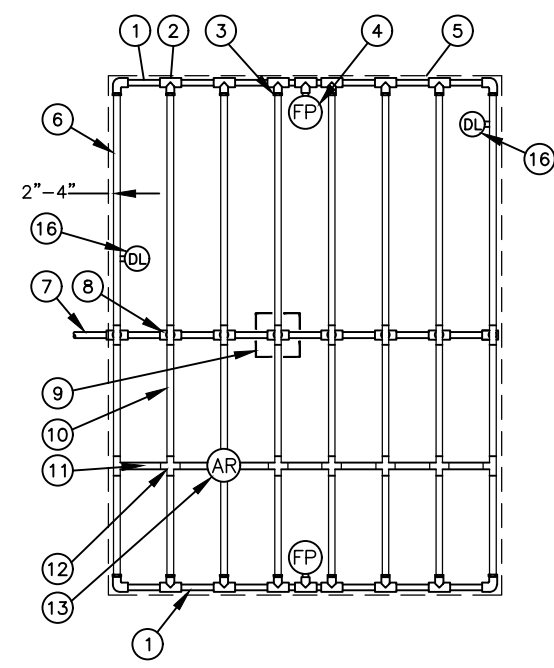
Lateral Pressure (at Channel Flow Rate) (Nominal Flow Rate)	XFS Spacing		
	12" Spacing	18" Spacing	24" Spacing
10	0.6	0.9	0.9
15	0.7	1.0	1.0
20	0.8	1.1	1.1
25	0.9	1.2	1.2
30	1.0	1.3	1.3
35	1.1	1.4	1.4
40	1.2	1.5	1.5
45	1.3	1.6	1.6
50	1.4	1.7	1.7
55	1.5	1.8	1.8
60	1.6	1.9	1.9



- LEGEND:
○ OPERATOR CONTROLLER PER PLAN
○ INTERNAL PLUG FOR OUTLET
○ INTERIOR WALL COORDINATE LOCATION WITH ARCHITECT DWG. AND S.C.
○ CONDUIT TO OUTSIDE THAT CARRIES VALVE WIRING
- NOTE:
RISER CONTROLLER (SEE SPECIFIC MODEL LEVEL CONTROLLER BALL-VALVE KIT) SHALL BE INSTALLED ELECTRICAL CODES APPLICABLE TO CONTROLLER. RISER CONTROLLER RITH-Y OF INTERIOR ELECTRICAL CODES

IRRIGATION CONTROLLER, INTERIOR WALL MOUNT

NOT TO SCALE



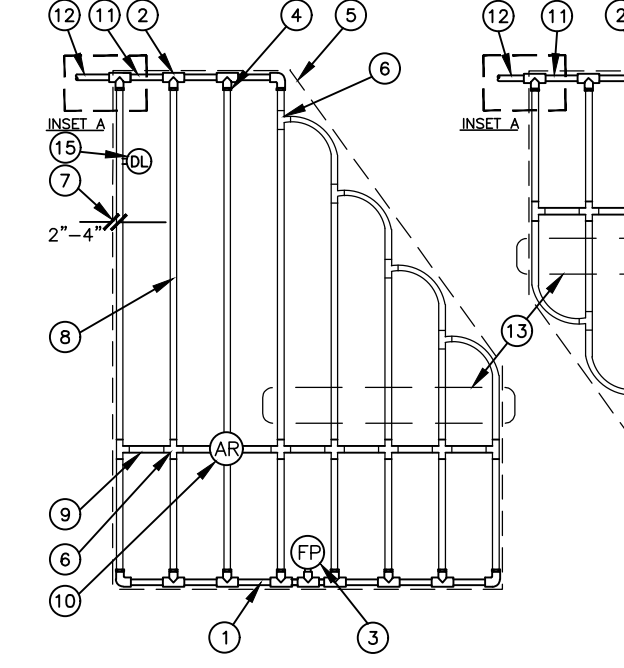
- PVC EXHAUST HEADER
- PVC SCH 40 TEE OR EL (TYPICAL)
- BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- FLUSH POINT (TYPICAL): SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR "XFS FLUSH POINT WITH BALL VALVE"
- PERIMETER OF AREA
- PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
- PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- PVC SUPPLY MANIFOLD
- CONNECTION FROM SUPPLY MANIFOLD TO DRIPLINE (TYPICAL) - SEE INSET A
- SUB-SURFACE DRIPLINE: RAIN BIRD XFS DRIPLINE (TYPICAL): POTABLE: XFS DRIPLINE; NON-POTABLE: XFSFP DRIPLINE
- RAIN BIRD XFS SERIES BLANK TUBING
- BARB X BARB INSERT TEE OR CROSS: RAIN BIRD XFF-TEE OR RAIN BIRD XFD-CROSS (TYPICAL)
- 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050 (SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION)
- 1/2" PVC NIPPLE LENGTH AS NECESSARY
- DRIPLINE INDICATOR: SEE DETAIL FOR ADDITIONAL INFORMATION

Lateral Pressure (at Channel Flow Rate) (Nominal Flow Rate)	XFS Spacing		
	12" Spacing	18" Spacing	24" Spacing
10	0.6	0.9	0.9
15	0.7	1.0	1.0
20	0.8	1.1	1.1
25	0.9	1.2	1.2
30	1.0	1.3	1.3
35	1.1	1.4	1.4
40	1.2	1.5	1.5
45	1.3	1.6	1.6
50	1.4	1.7	1.7
55	1.5	1.8	1.8
60	1.6	1.9	1.9

NOTES:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
3. INSTALL AIR RELIEF VALVE AT HIGH POINTS IN DRIP LATERAL.
4. WHEN USING 1/2\"/>

DRIPLINE CENTER FEED LAYOUT

NOT TO SCALE

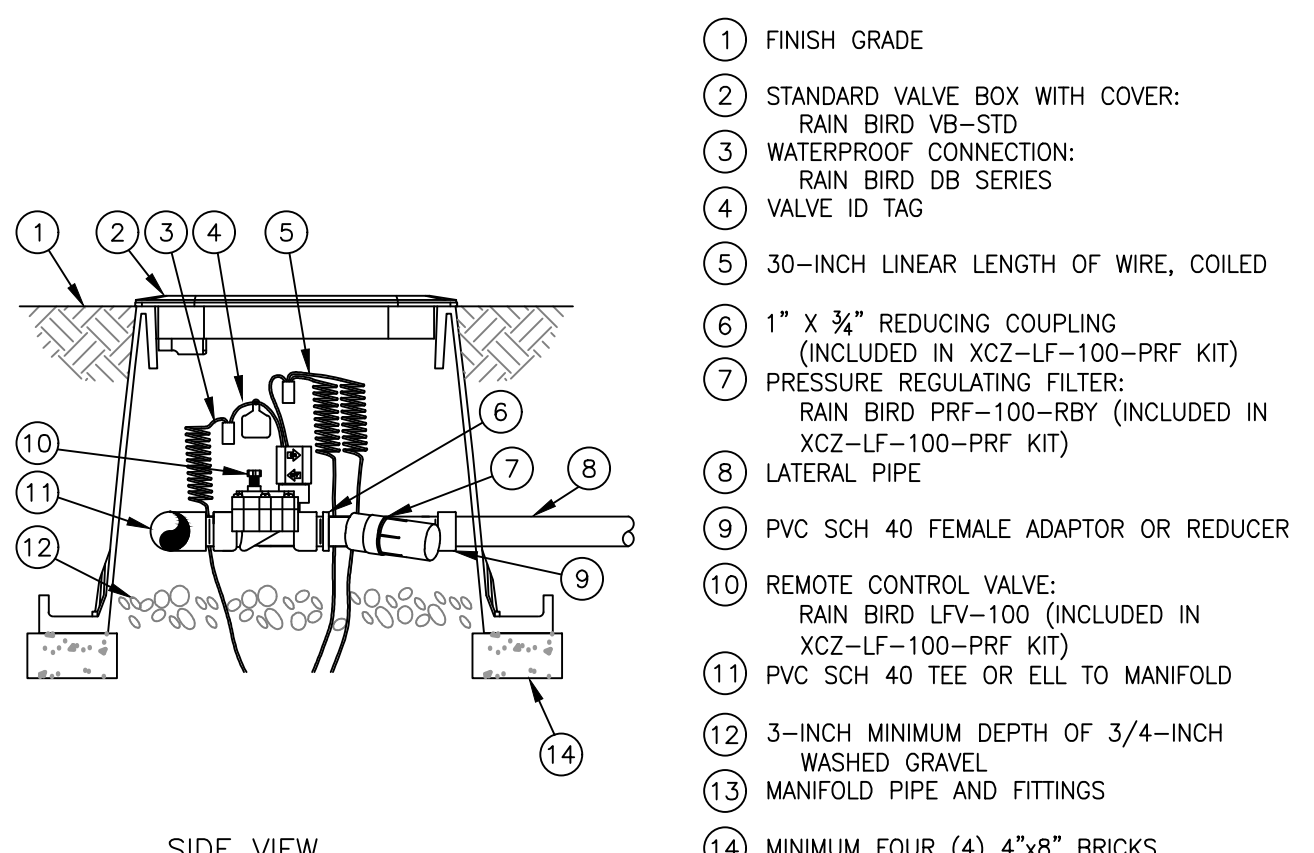


- PVC EXHAUST HEADER
- PVC SCH 40 TEE OR EL (TYPICAL)
- FLUSH POINT (TYPICAL): SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR "XFS FLUSH POINT WITH BALL VALVE"
- BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- PERIMETER OF AREA
- PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
- SUB-SURFACE DRIPLINE: RAIN BIRD XFS DRIPLINE (TYPICAL): POTABLE: XFS DRIPLINE; NON-POTABLE: XFSFP DRIPLINE
- RAIN BIRD XFS SERIES BLANK TUBING
- 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050 (SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION)
- PVC SUPPLY MANIFOLD
- PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- EXCEED LENGTH SHOWN IN TABLE
- PVC SCH 40 RISER PIPE
- DRIPLINE INDICATOR: SEE DETAIL FOR ADDTL. INFO

NOTES:
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DRIPLINE IRREGULAR SHAPED LAYOUT

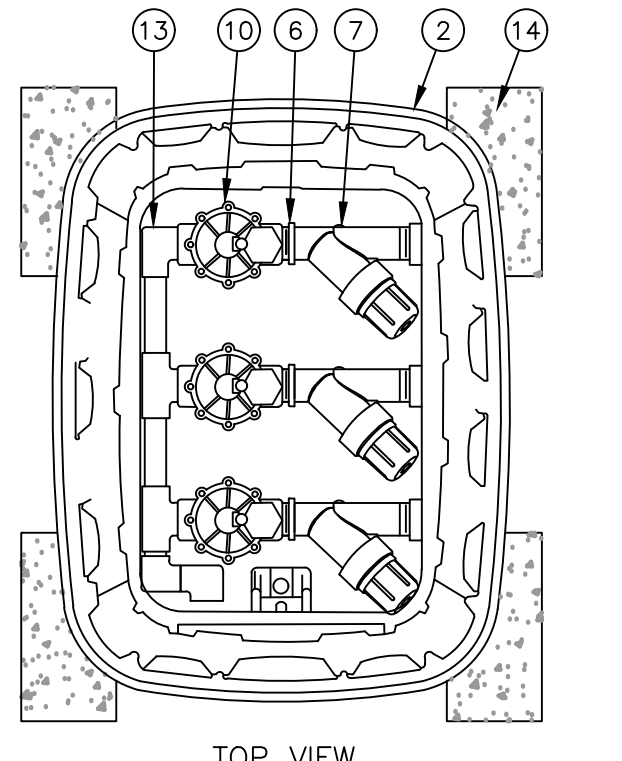
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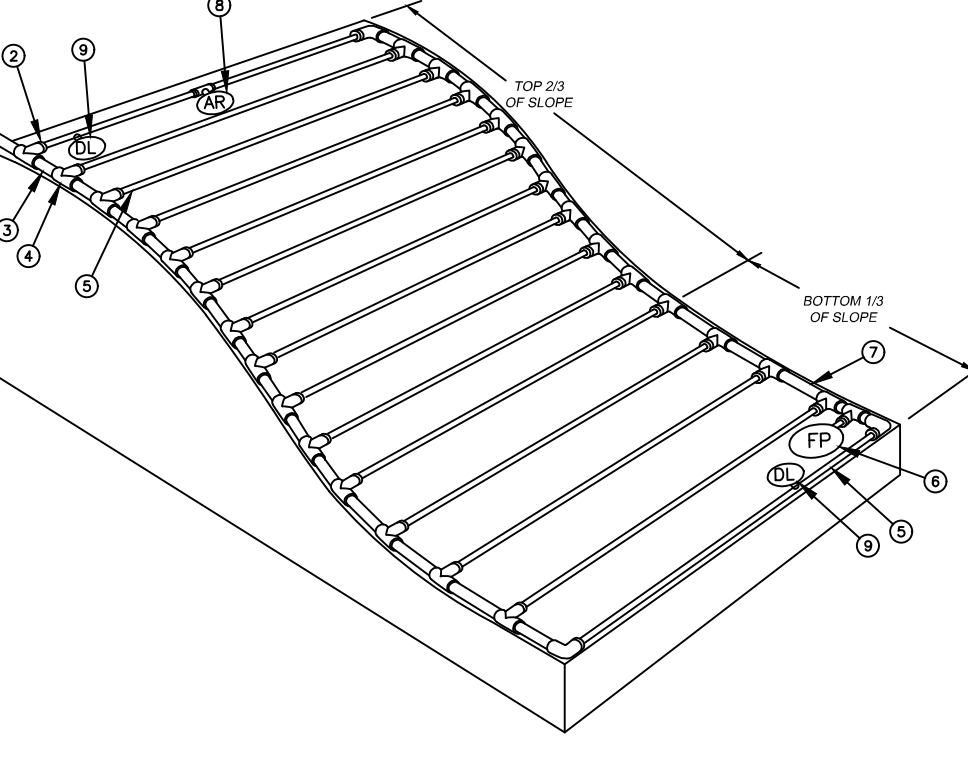
- FINISH GRADE
- STANDARD VALVE BOX WITH COVER: RAIN BIRD VB-STD
- WATERPROOF CONNECTION: RAIN BIRD DB SERIES VALVE ID TAG
- 30-INCH LINEAR LENGTH OF WIRE, COILED
- 1" X 3/4" REDUCING COUPLING (INCLUDED IN XCZ-LF-100-PRF KIT)
- PRESSURE REGULATING FILTER: RAIN BIRD PRF-100-RBY (INCLUDED IN XCZ-LF-100-PRF KIT)
- PVC SCH 40 FEMALE ADAPTOR OR REDUCER
- REMOTE CONTROL VALVE: RAIN BIRD LRV-100 (INCLUDED IN XCZ-LF-100-PRF KIT)
- PVC SCH 40 TEE OR ELL TO MANIFOLD
- 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- MANIFOLD PIPE AND FITTINGS
- MINIMUM FOUR (4) 4"x8" BRICKS

DRIPLINE ODD CURVES LAYOUT

NOT TO SCALE



- PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- PERIMETER OF AREA
- PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
- PVC SUPPLY MANIFOLD
- PVC SCH 40 TEE OR EL (TYPICAL)
- BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- SUB-SURFACE DRIPLINE: RAIN BIRD XFS DRIPLINE (TYPICAL): POTABLE: XFS DRIPLINE; NON-POTABLE: XFSFP DRIPLINE
- BARB X BARB INSERT TEE: RAIN BIRD XFF-TEE (TYPICAL)
- TOTAL LENGTH OF SELECTED DRIPLINE SHOULD NOT EXCEED LENGTH SHOWN IN TABLE
- PVC FLUSH HEADER
- FLUSH POINT: SEE RAIN BIRD XFS DETAILS FOR FLUSH POINT INSTALLATION
- PVC RISER PIPE
- TURF OR MULCH
- FINISH GRADE
- 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050 (SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION)
- DRIPLINE INDICATOR: SEE DETAIL FOR ADDTL. INFO



NOTES:
• DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. DISTANCE BETWEEN LATERAL ROWS FOR BOTTOM 1/2 OF SLOPE TO BE SPACED GREATER THAN OPTIMAL ROW DISTANCE. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACING.
• LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
• WHEN ELEVATION CHANGE EXCEEDS 8 FEET IT IS RECOMMENDED THAT A NEW DRIPLINE ZONE BE CREATED.
• INSTALL AIR RELIEF VALVE AT HIGH POINTS IN DRIP LATERAL.
• WHEN USING 1/2\"/>

- PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- PVC SUPPLY HEADER
- PVC SCH 40 TEE OR EL (TYPICAL)
- SUB-SURFACE DRIPLINE: RAIN BIRD XFS DRIPLINE (TYPICAL): POTABLE: XFS DRIPLINE; NON-POTABLE: XFSFP DRIPLINE
- FLUSH POINT: SEE RAIN BIRD XFS DETAILS FOR FLUSH POINT INSTALLATION
- PVC FLUSH HEADER
- 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050 (SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION)
- DRIPLINE INDICATOR: SEE DETAIL FOR ADDITIONAL INFORMATION
- PVC RISER PIPE
- TURF OR MULCH
- FINISH GRADE

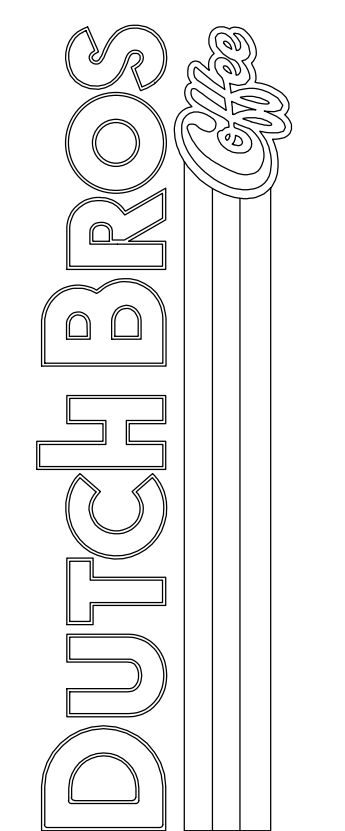
DRIPLINE SLOPED LAYOUT

NOT TO SCALE

Revision

No. Date By Cdd. Aspr.

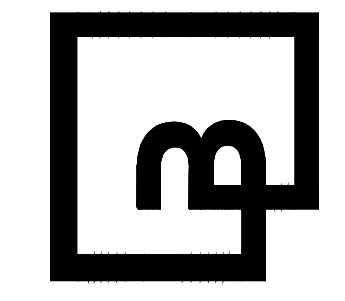
Title:
LANDSCAPE IRRIGATION DETAILS
5810 OMAHA BLVD
COLORADO SPRINGS, CO 80915



Scale:
Horizontal N/A
Vertical N/A

Designed: JMV
Drawn: JMV
Checked: JMV
Approved: JMV
Date: 03/29/24

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