

Boondocks
Lot 4A, Crown Point Filing #1
LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,
T6S, R66W, 6TH P.M., COUNTY OF DOUGLAS, STATE OF COLORADO.

Utility Plan

LEGAL DESCRIPTION:

Lot 4, Crown Point F#1, 14th Amendment--Reception # 2007081477
of the records of Arapahoe County, Colorado,
Containg 847,936 square feet, 14.875 acres, More or Less.

PROPOSED LEGAL DESCRIPTION:

The following descriptions are a part of lot 4; Crown Point F # 1, 14th Amendment Rec # 2007081477, Arapahoe County, Colorado and describes two parcels (A&B) which are to be included in a replat of the said lot 4;

Parcel A
Beginning at the northeast corner of said lot 4;
Thence southerly along the east line of lot 4, which is coincident with west ROW line of E 470, S11°07'44"W, 191.10 feet;
Thence leaving said coincident east line with west ROW line of E470; N70°01'13W; 586.59 feet;
Thence S00°00'00"E, 384.86 feet to a platted corner on said lot 4; said platted corner being the northeast corner of lot 2, Crown Point F #1, 14th Amendment, Reception # 20070081477; Arapahoe County, Colorado;
Thence along a common lot line of lot 24, lot 4, said Crown Point F#1, 14th amendment; N90°00'00"W, 238.60 ft to a common corner of lot 3, Crown Point F#1, 14th amendment, reception #2007081477, and lot 4;
Thence along a common property line of said lots 3 and 4 N00°06'31"W, 634.97 feet to a point on the south ROW line of Cottonwood Dr, Rec. # 00073633, Arapahoe County, Colorado;
Thence along said south ROW line on a curve to the right having a chord of S74°15'58"E 526.95 ft and a radius of 2,702.00 ft with a central angle of 11°11'30" with an arc length of 527.79 ft. to a point of Tangent;
Thence continuing along said south ROW line S68°40'13"E, 90.33 feet.;
Thence continuing along the said south ROW line S70°34'46"E, 240.13 ft. to the POINT OF BEGINNING.

Area of Parcel A 5.969 acres.

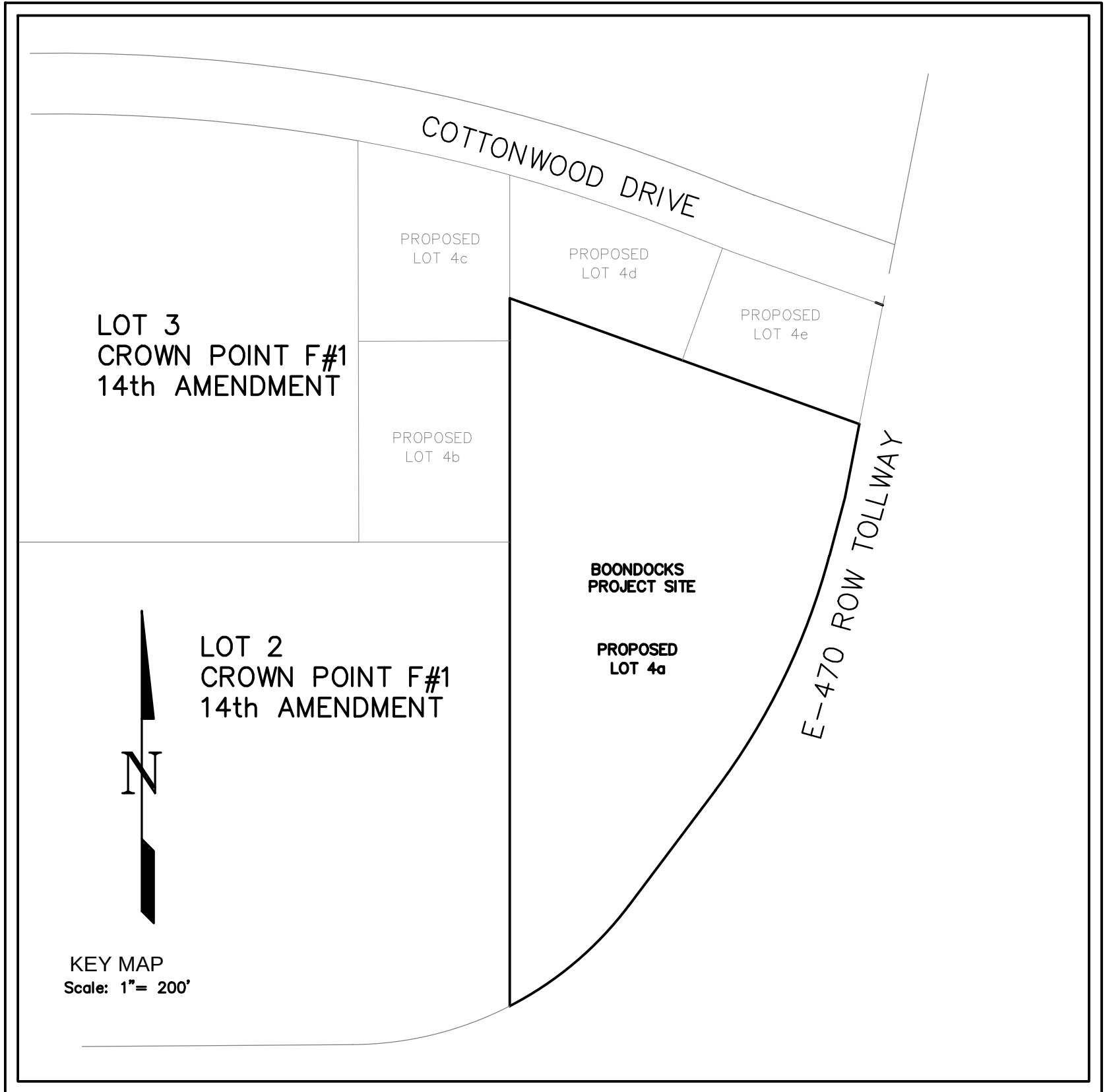
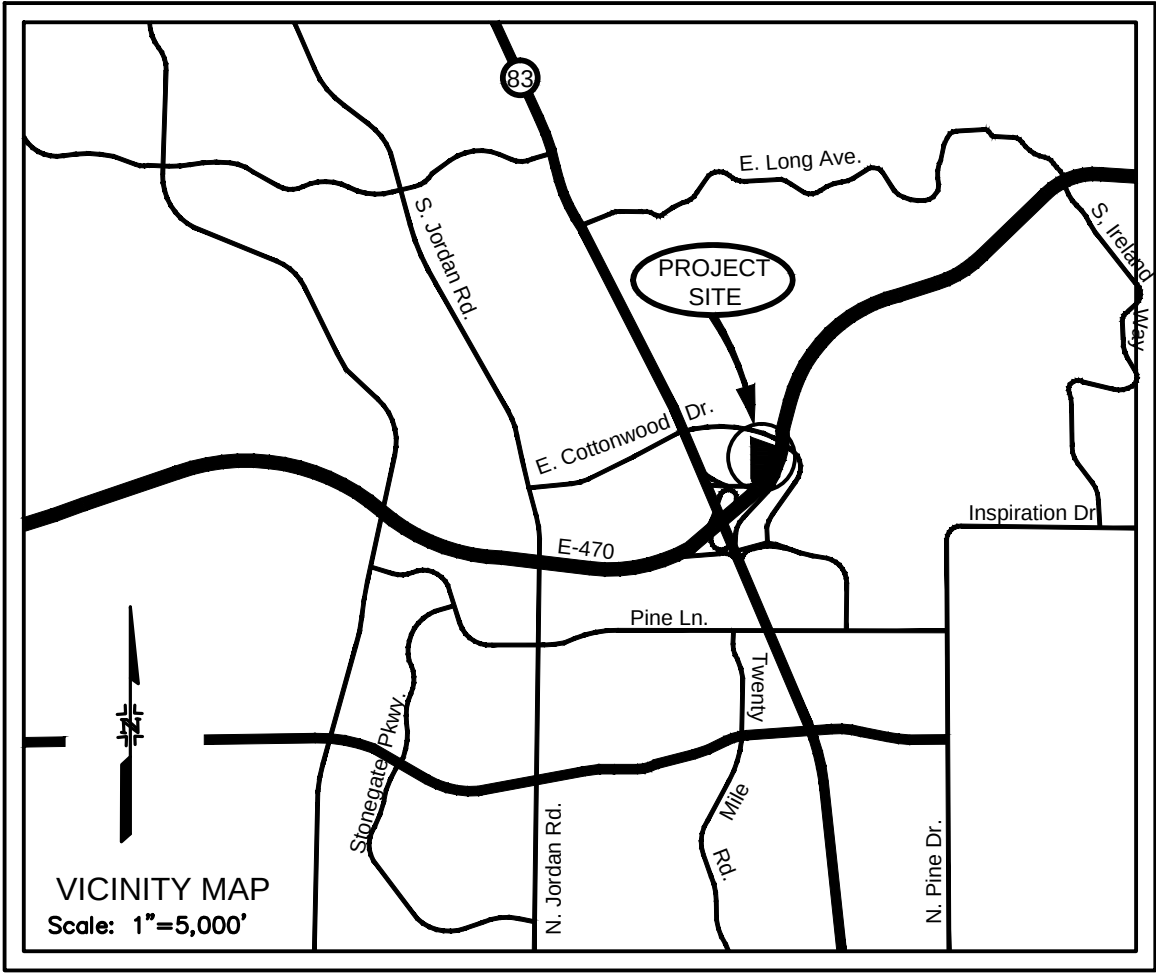
Parcel B
Beginning at the northeast corner of said lot 4;
Thence along the east line of lot 4 which is coincident of the west ROW of E 470; S4°07'44"W, 191.10 feet to the TRUE POINT OF BEGINNING;
Thence along the common lot line of lot 4 and west ROW of E 470 along the following 5 courses and distances;

- 1) Thence S11°07'44"W,118.21 feet
- 2) Thence S14°52'44"W, 95.13 feet to a point of curve;
- 3) Thence on a curve to the right having a radius of 1,075.92'; a central angle of 22°03'52", an arc length of 414.33 ft and a chord of S25°54'40"W, 411.78 ft to a point of tangent.
- 4) Thence S36°56'36"W, 228.17ft to a point of curve to the right;
- 4) Thence on a curve to the right having a radius of 549.41 ft, a central angle of 25°49'10", an arc length of 247.58 ft and a chord of S49°51'11"W; 245.49 ft to the furthest south property corner of said lot 4;
- Thence leaving said E 470 ROW line and continuing north along the common lot line of lot 3, Crown Point F#1, 14th Amendment N00°00'00"E, 732.63 ft to the northeast corner of said lot 3, thence continuing N00°00'00"E, 384.46 ft;
- Thence S70°13'01"E, 586.59 ft to the TRUE POINT OF BEGINNING of Parcel B

Parcel B contains 8.906 acres.

BENCHMARK:

A BRASS DISK SET IN CONCRETE FLUSH WITH THE GROUND AND MARKED WITH A DOUGLAS COUNTY FIBERGLASS WITNESS POST, 125 FEET NORTH OF THE CENTERLINE OF A DRIVEWAY, 84 FEET SOUTH OF A DOUBLE 36 IN. CULVERT, 25 FEET WEST OF THE EDGE OF PARKER ROAD, AND 25 FEET EAST OF THE WEST RIGHT OF WAY FENCE.
ELEVATION = 5734.24



SHEET INDEX:

CIVIL ENGINEERING PLANS	
SHEET 1	COVER SHEET
SHEET 2	NOTES
SHEET 3	OVERALL UTILITY PLAN
SHEET 4	SANITARY SEWER PLAN & PROFILE
SHEETS 5-6	SANITARY SEWER DETAILS
SHEETS 7-8	WATER DETAILS

This review does not constitute approval of any private on site improvements which may be shown. Construction cannot commence until all required drainage/traffic report(s), final development plan(s), special review(s), grading permit, and/or other permits are complete, approved and on file with the Town of Parker.

Cottonwood Water and Sanitation District	Date
South Metro Fire District	Date

Cottonwood Water & Sanitation District
Mr. Patrick F. Mulhern/Laurie Tatlock
2 Inverness Drive East, Suite 200
Englewood, CO 80112
(303) 649-9509



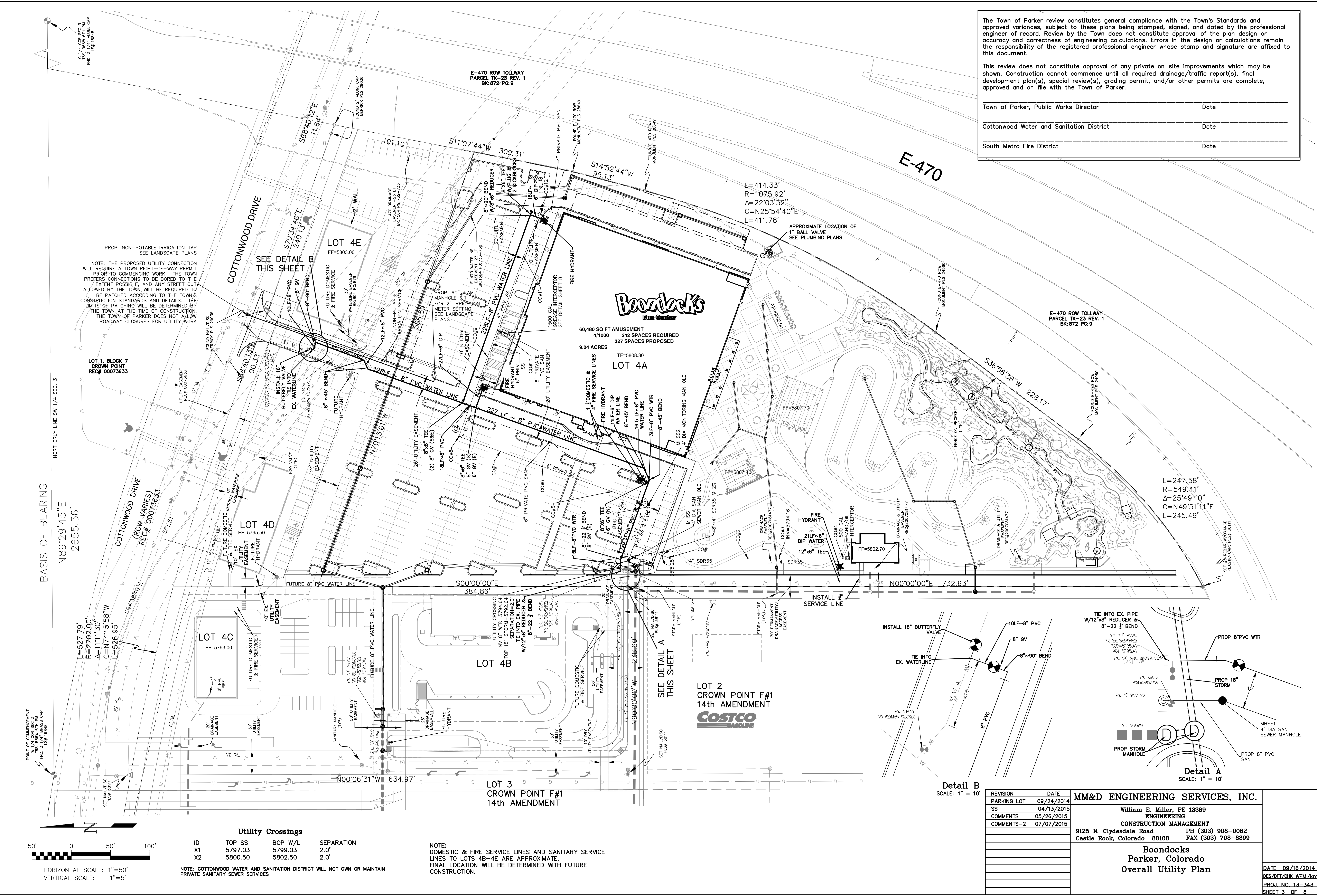
REVISION	DATE	MM&D ENGINEERING SERVICES, INC.
COMMENTS	05/26/2015	
COMMENTS-2	07/07/2015	
		William E. Miller, PE 13389 ENGINEERING
		CONSTRUCTION MANAGEMENT
		9125 N. Clydesdale Road PH (303) 908-0062 Castle Rock, Colorado 80108 FAX (303) 708-8399
		Boondocks Parker, Colorado
		Cover Sheet
		Utility Plan

submittal 03/10/2015
DATE 09/16/2014
DES/DFI/GHK WEM/km
PROJ. NO. 13-343
SHEET 1 OF 8

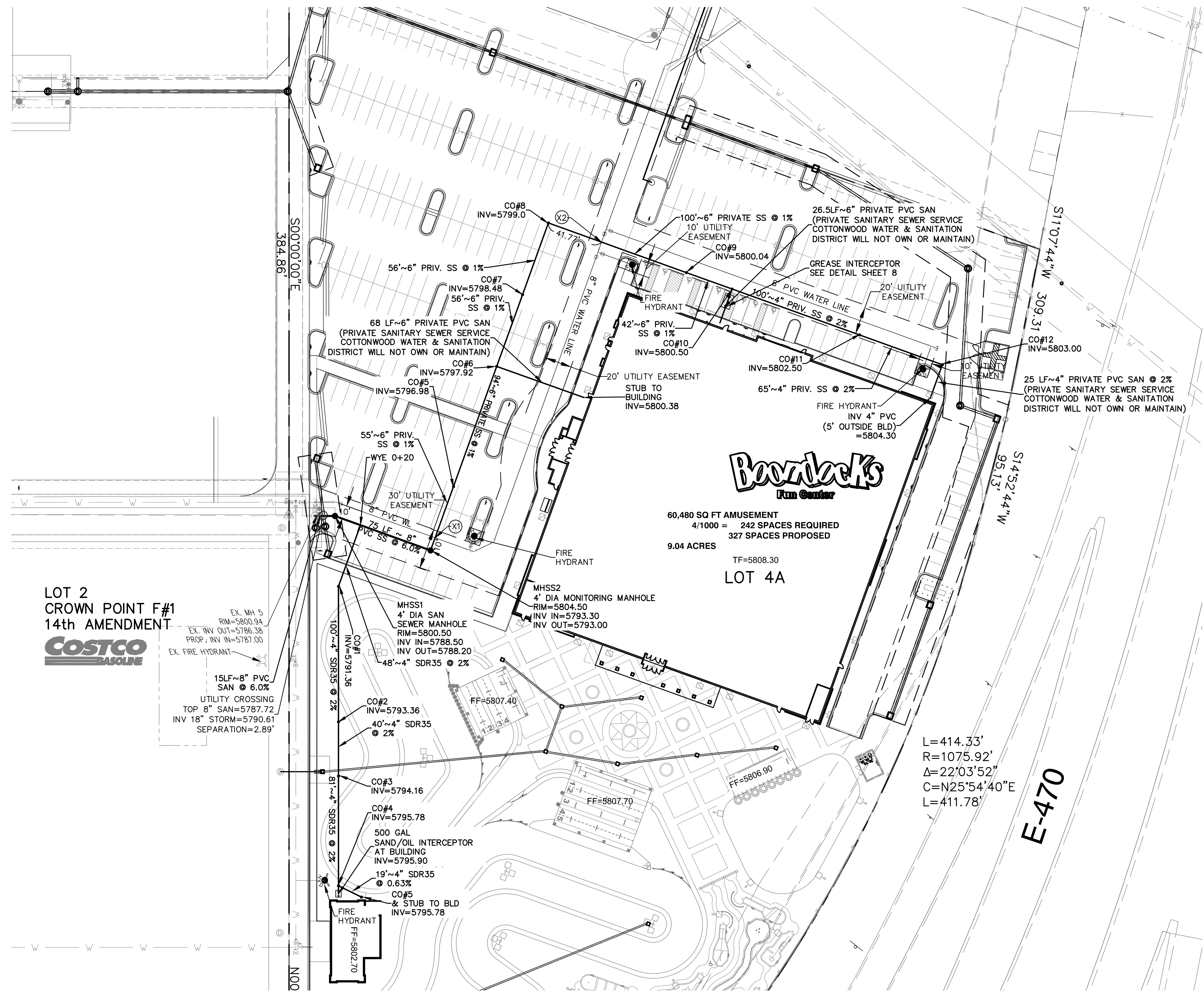
The Town of Parker review constitutes general compliance with the Town's Standards and approved variances, subject to these plans being stamped, signed, and dated by the professional engineer of record. Review by the Town does not constitute approval of the plan design or accuracy and correctness of engineering calculations. Errors in the design or calculations remain the responsibility of the registered professional engineer whose stamp and signature are affixed to this document.

This review does not constitute approval of any private on site improvements which may be shown. Construction cannot commence until all required drainage/traffic report(s), final development plan(s), special review(s), grading permit, and/or other permits are complete, approved and on file with the Town of Parker.

Town of Parker, Public Works Director	Date
Cottonwood Water and Sanitation District	Date
South Metro Fire District	Date



NOTE:
DOMESTIC & FIRE SERVICE LINES AND SANITARY SERVICE
LINES TO LOTS 4B-4E ARE APPROXIMATE.
FINAL LOCATION WILL BE DETERMINED WITH FUTURE
CONSTRUCTION.



LOT 2
CROWN POINT F#1
14th AMENDMENT

COSTCO
GASOLINE

EX. INV. 5
RIM=5803.94
EX. INV. OUT=5786.38
PROP. INV. IN=5781.00
EX. FIRE HYDRANT
15LF~8" PVC
SAN @ 6.0%
UTILITY CROSSING
TOP 8" SAN=5787.72
INV 18" STORM=5790.61
SEPARATION=2.89'

L=414.33'
R=1075.92'
Δ=22°03'52"
C=N25°54'40"E
L=411.78'

E-470

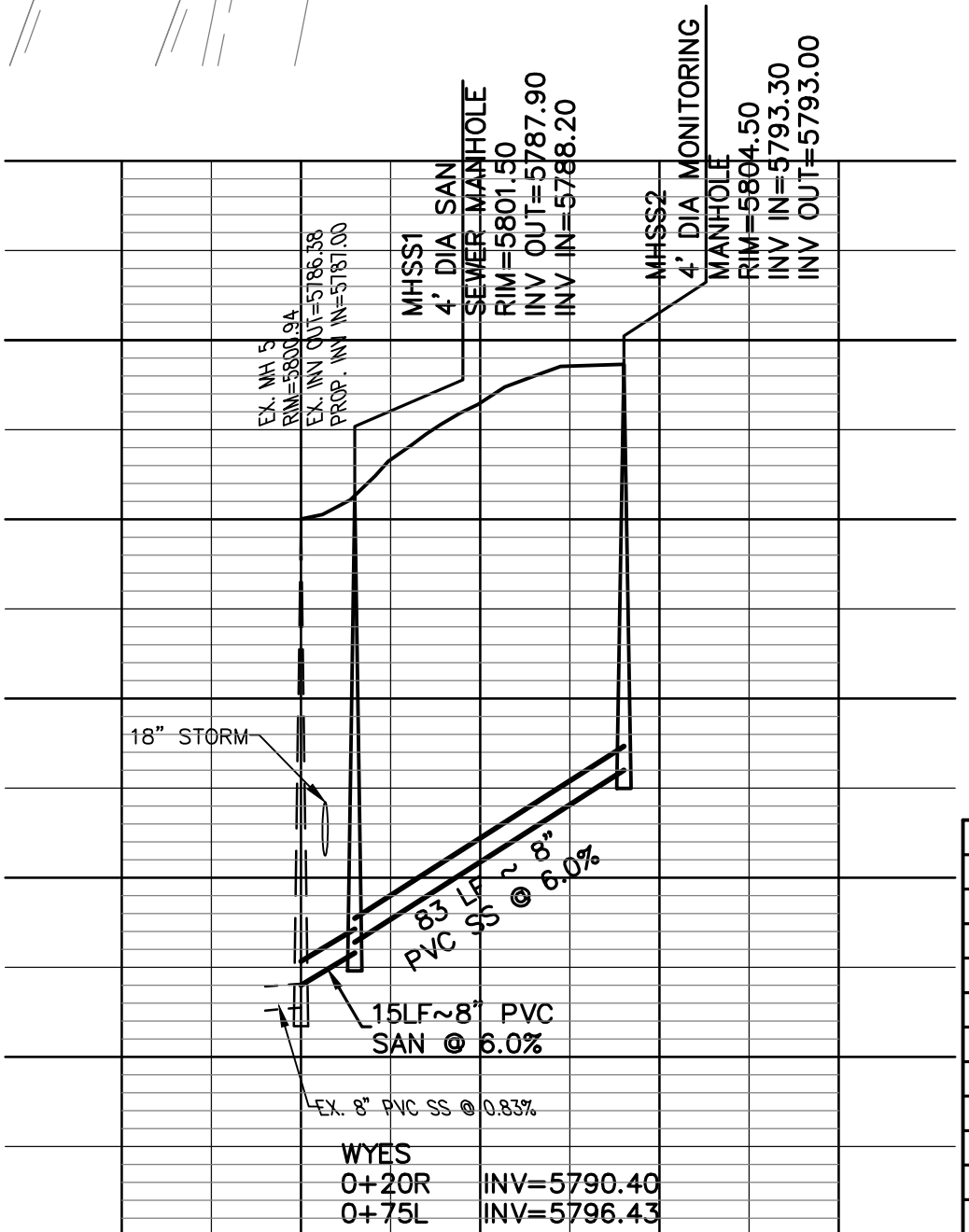
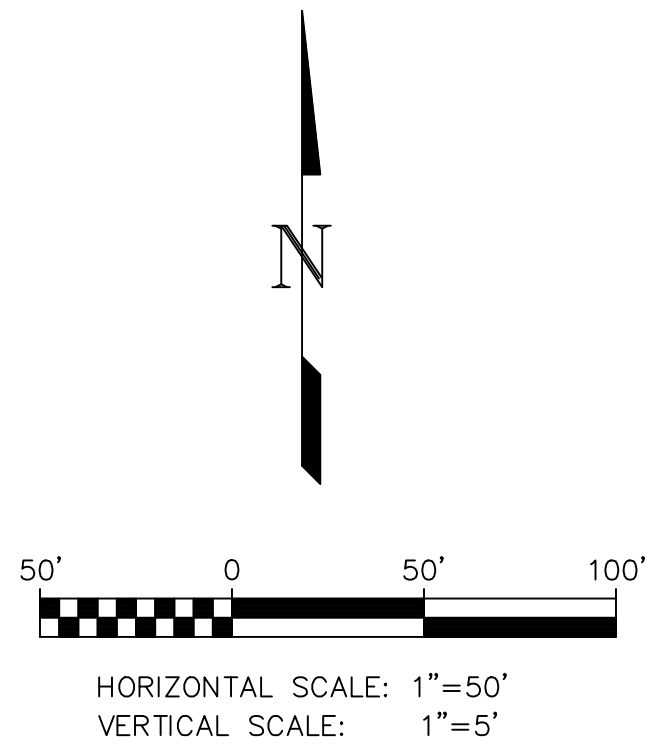
Oil Interceptor Calculation

	EQUATION: C = (5+(A/100))*7.5		EQUATION FROM IPC 2012
	C= MINIMUM CAPACITY OF SEPARATOR (CUBIC FEET)		
	A= FLOOR AREA SERVED (SQUARE FEET)		
	7.5= CONVERSION FROM CUBIC FEET TO GALLONS		
ZONE	A	C EXACT (GAL)	C (GAL) WITH ~ 1.5 SAFETY FACTOR
MAINTENANCE BLD	1725	166.9	251

Utility Crossings

ID	TOP SS	BOP W/L	SEPARATION
X1	5797.03	5799.03	2.0'
X2	5800.50	5802.50	2.0'

NOTE: COTTONWOOD WATER AND SANITATION DISTRICT WILL NOT OWN OR MAINTAIN
PRIVATE SANITARY SEWER SERVICES



REVISION	DATE	MM&D ENGINEERING SERVICES, INC. William E. Miller, PE 13389 ENGINEERING CONSTRUCTION MANAGEMENT 9125 N. Clydesdale Road PH (303) 908-0082 Castle Rock, Colorado 80108 FAX (303) 708-8399 Boondocks Parker, Colorado Sanitary Sewer Plan & Profile
PARKING LOT	09/24/2014	
SS	04/13/2015	
COMMENTS	05/26/2015	
COMMENTS-2	07/07/2015	

DATE 09/16/2014
DES/DFT/CHK WEM/km
PROJ. NO. 13-343
SHEET 4 OF 8



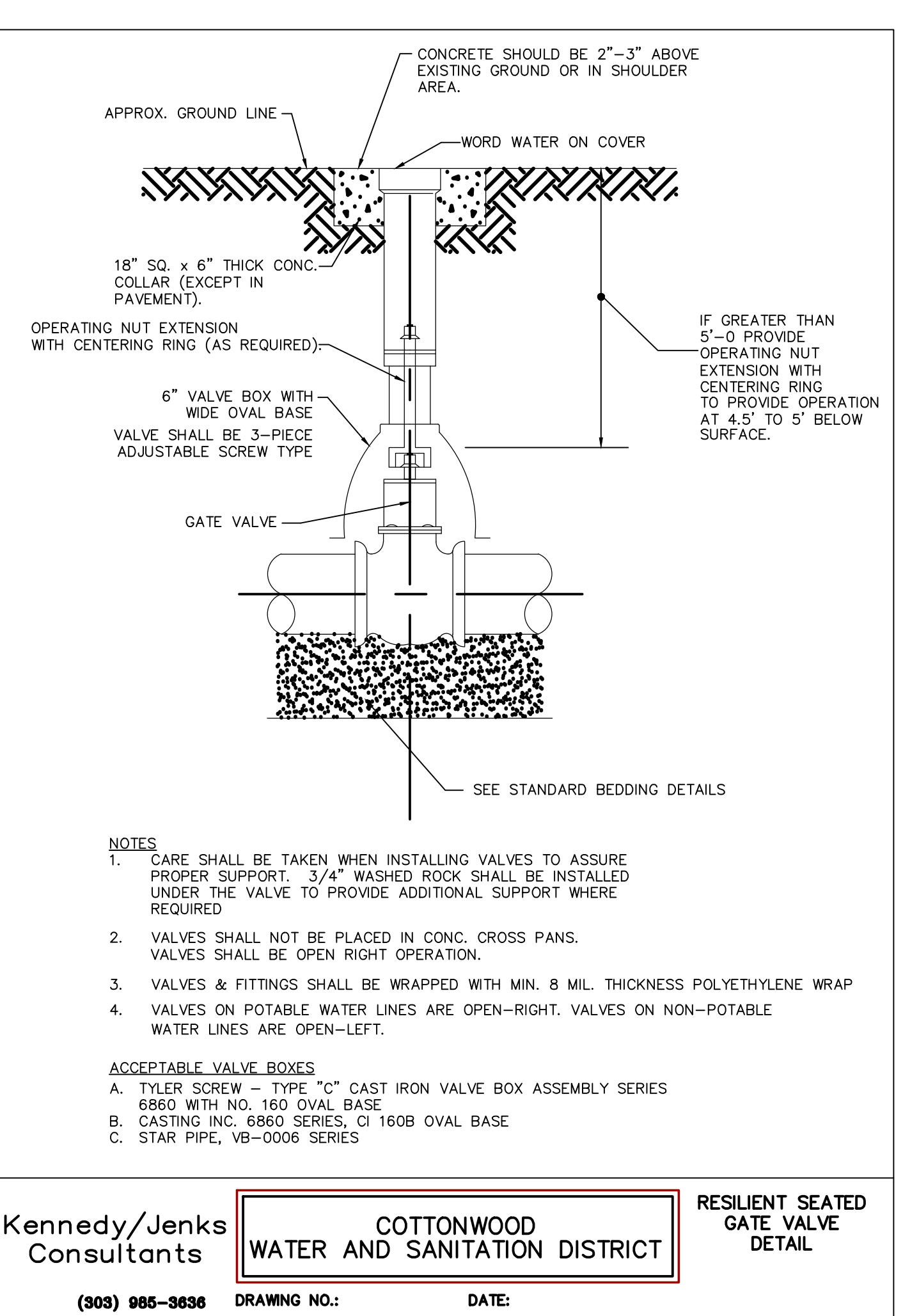
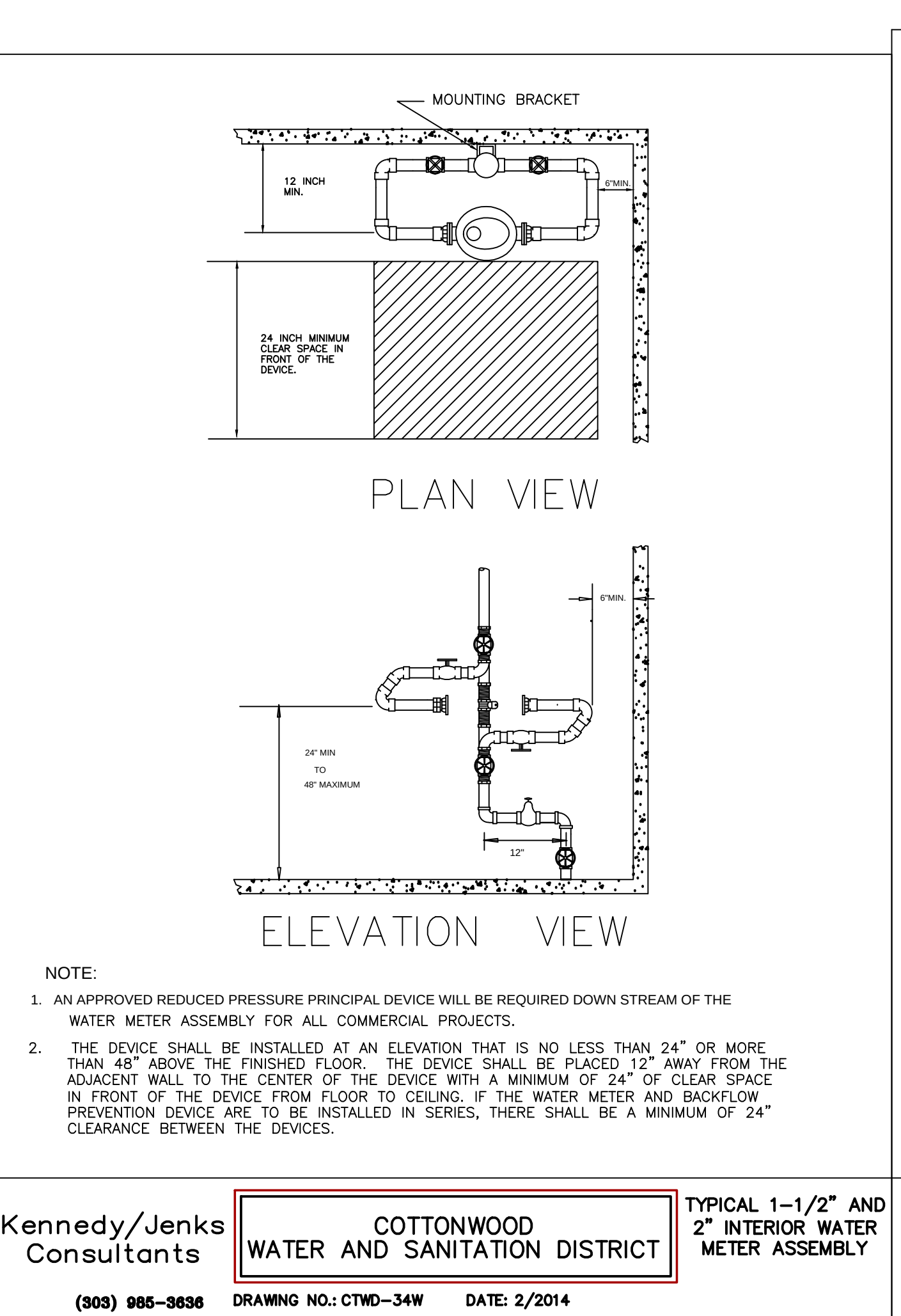
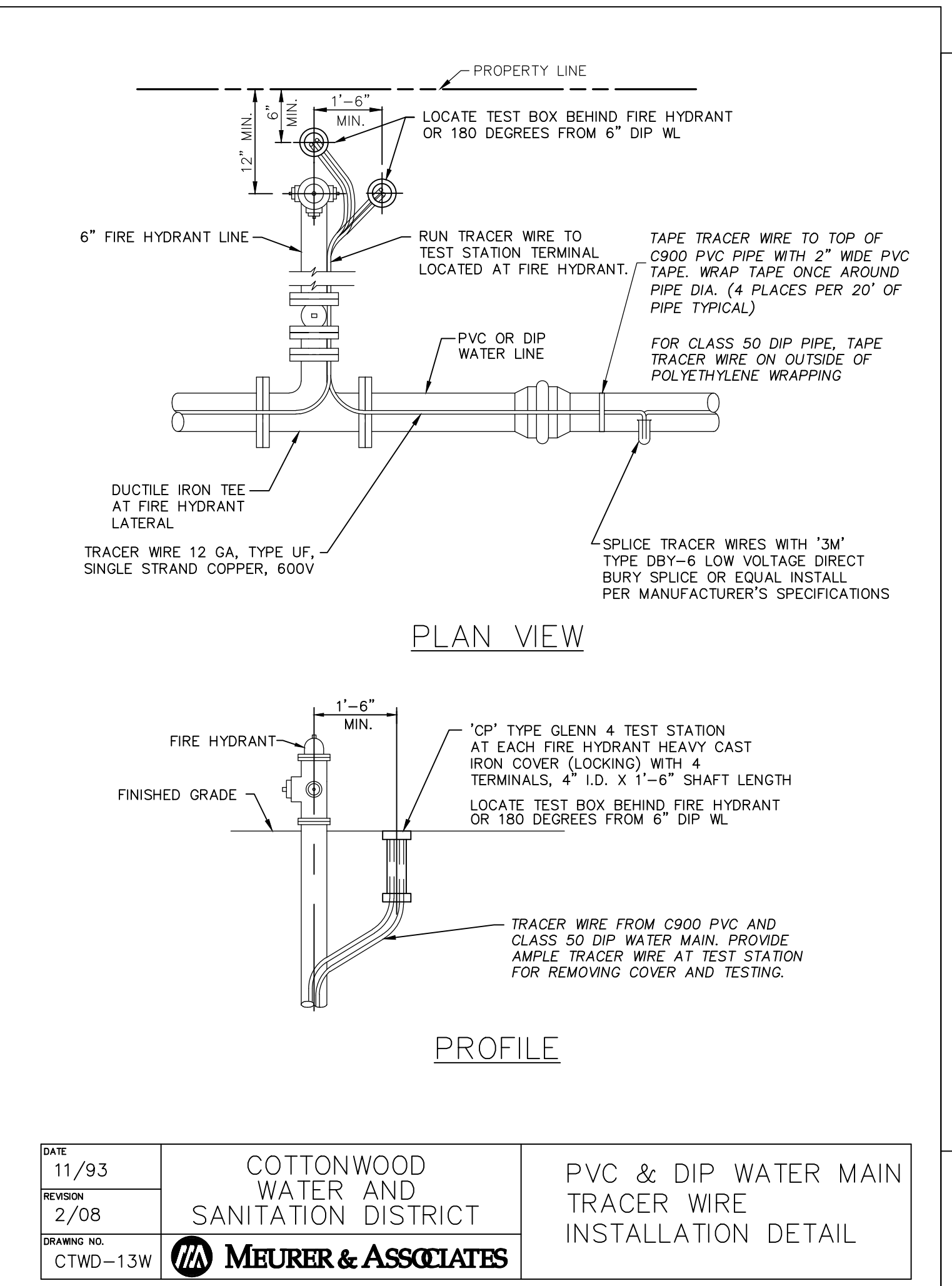
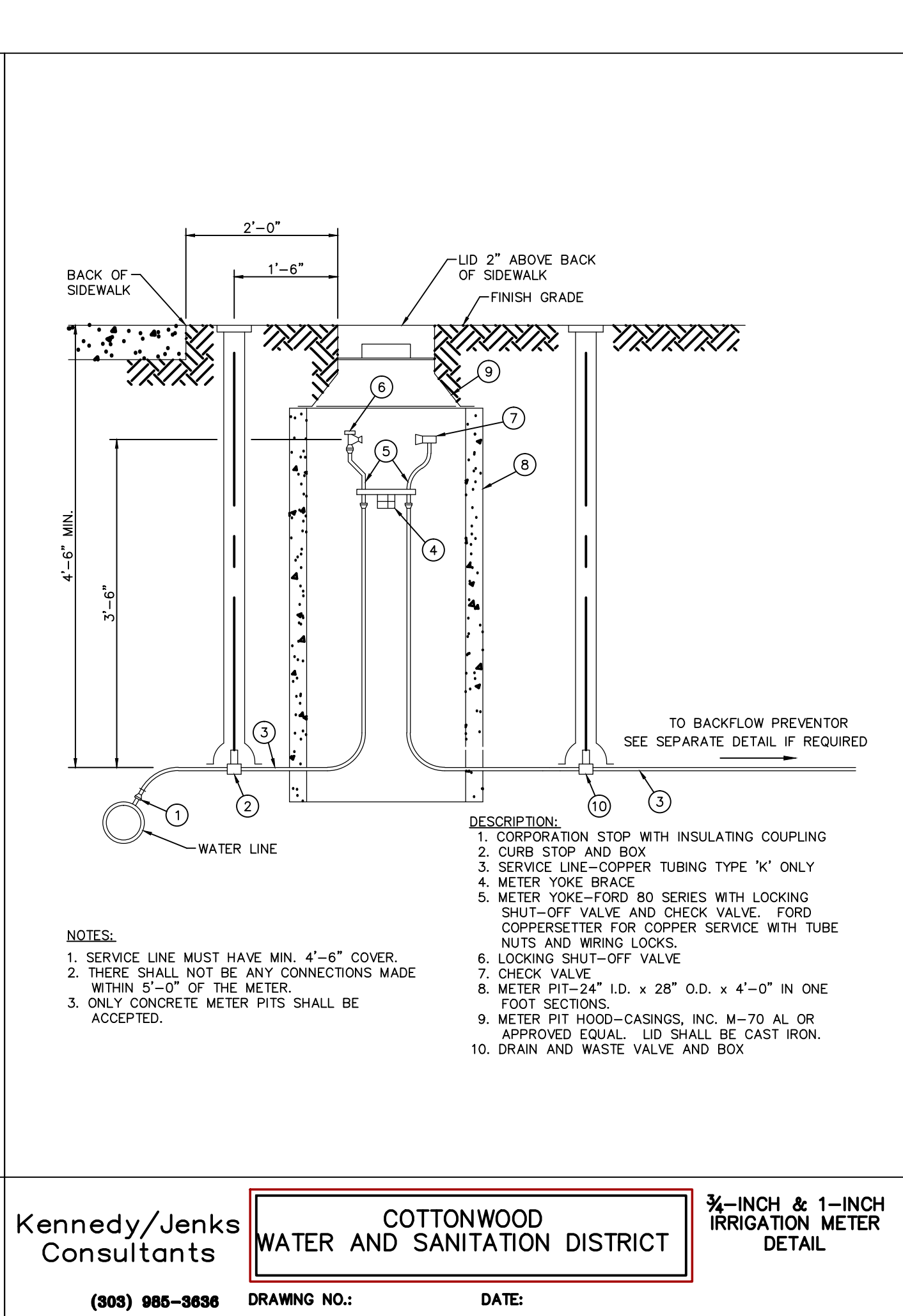
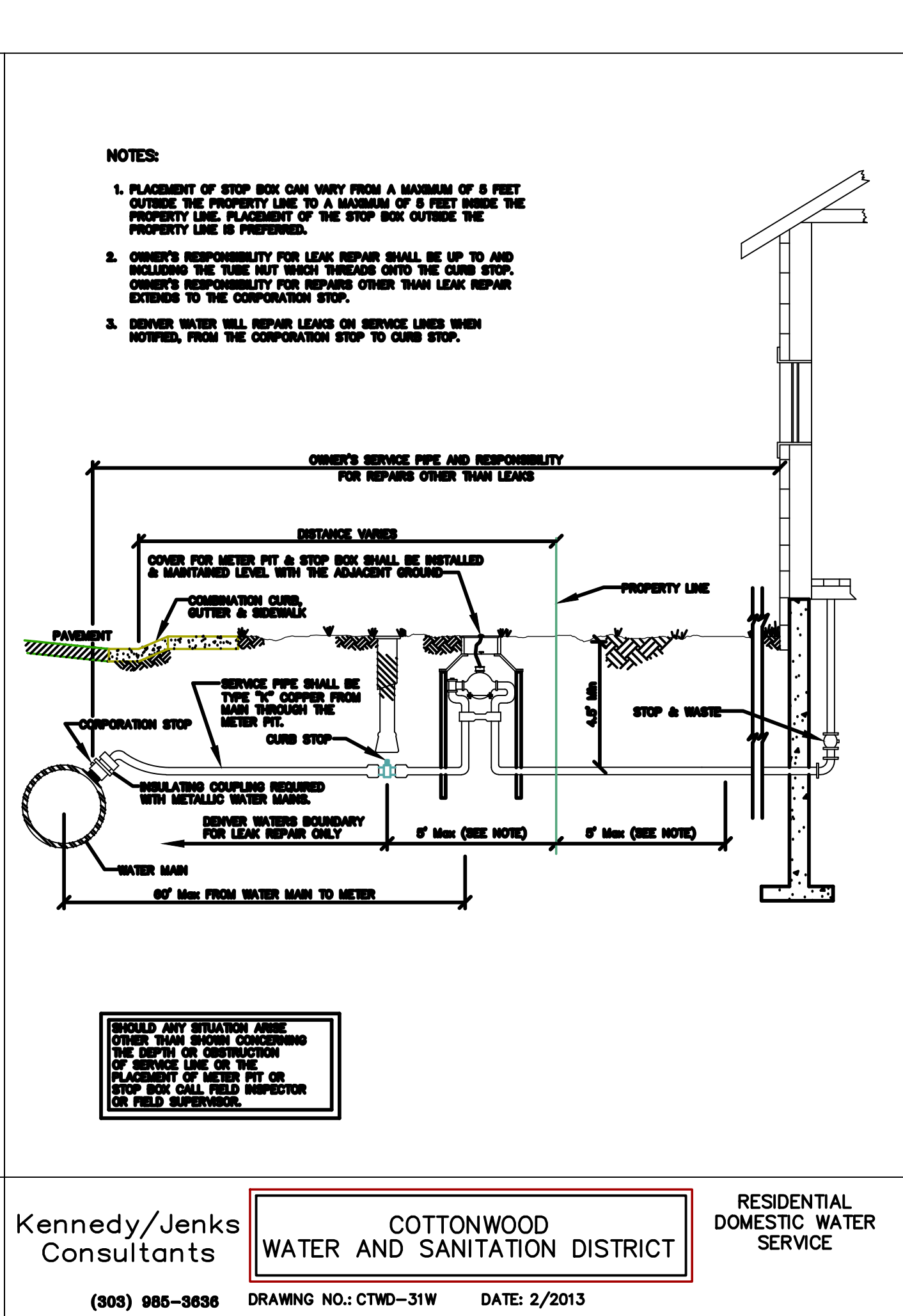
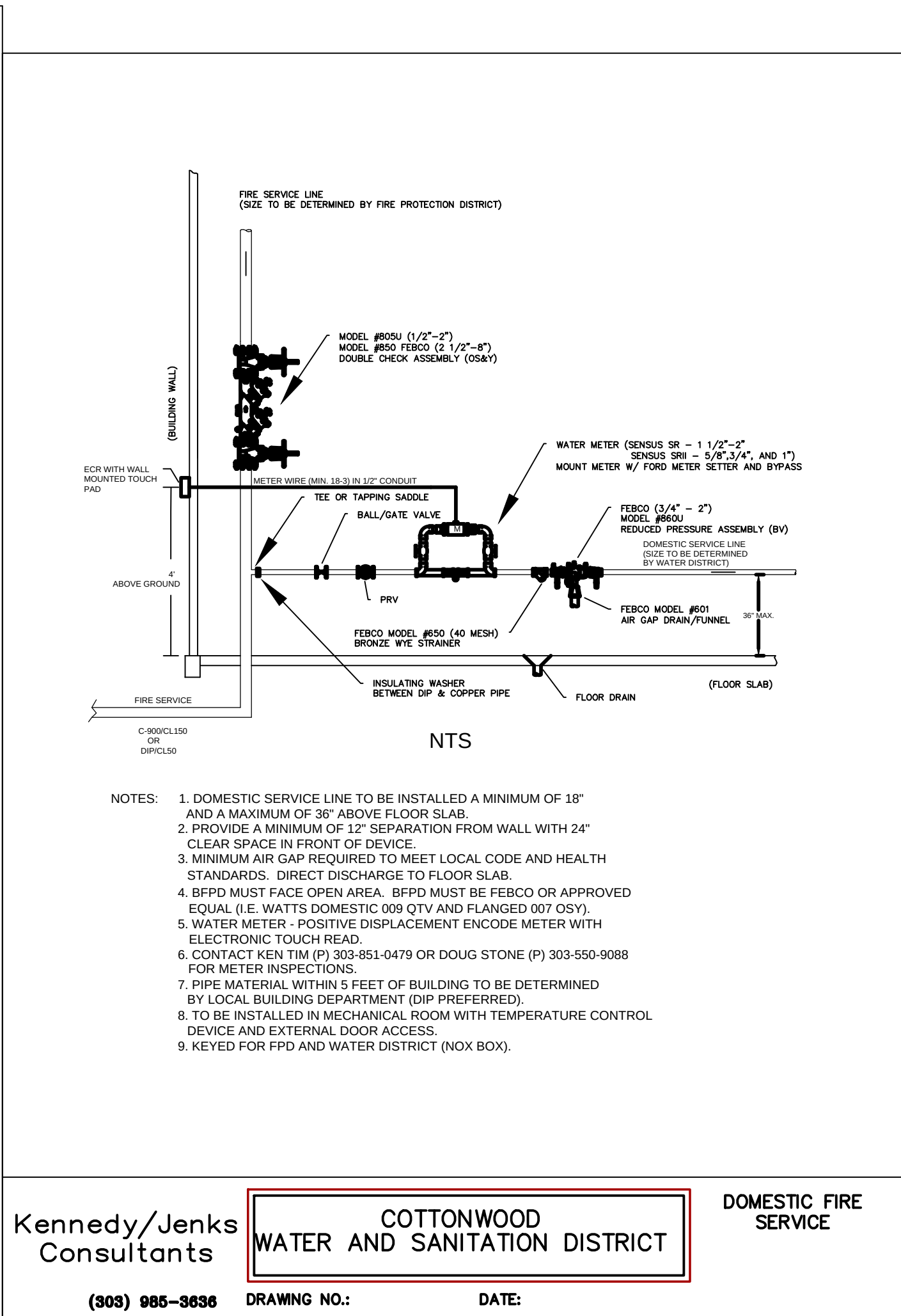
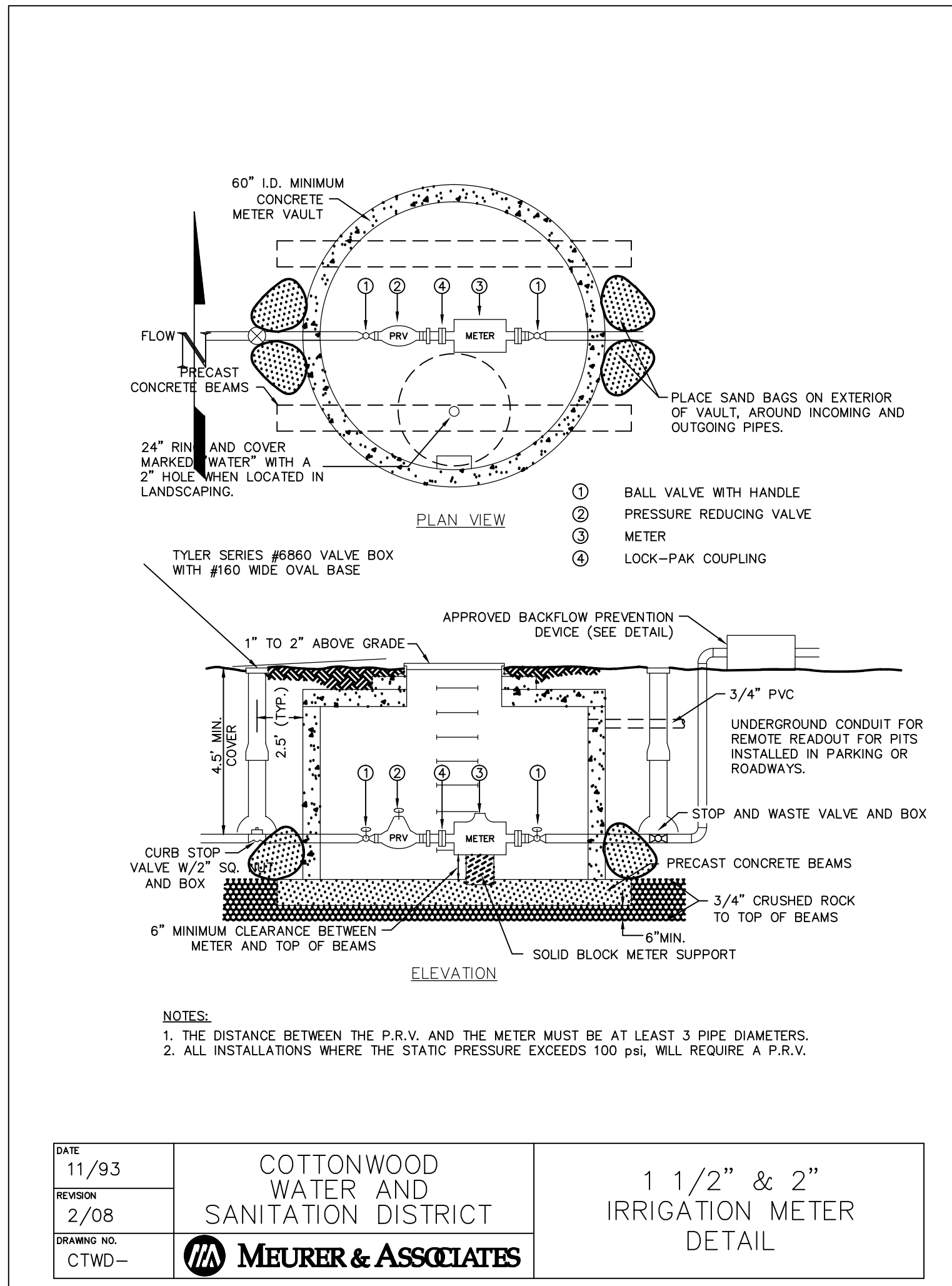
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COMMENTS-2	07/07/2015	William E. Miller, PE 13389 ENGINEERING CONSTRUCTION MANAGEMENT 9125 N. Clydesdale Road PH (303) 908-0062 Castle Rock, Colorado 80108 FAX (303) 708-8399
		Boondocks Parker, Colorado Sanitary Sewer Details Utility Plan
		submittal 03/10/2015 DATE 09/16/2014 DES/DET/CHK_WEM/krr PRJ.Q. NO. 13-343 SHEET 5 OF 8



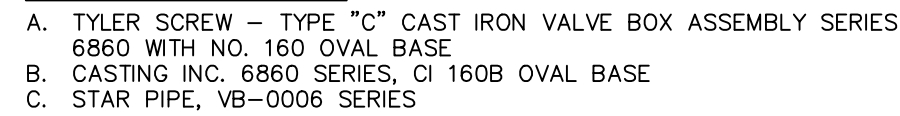
- Know what's **below.**
Call before you dig.

Boondocks
Parker, Colorado
Sanitary Sewer Details
Utility Plan

submittal 03/10/2015
DATE 09/16/2014
DES/DFT/CHK WEM/km
PROJ. NO. 13-343
SHEET 6 OF 8



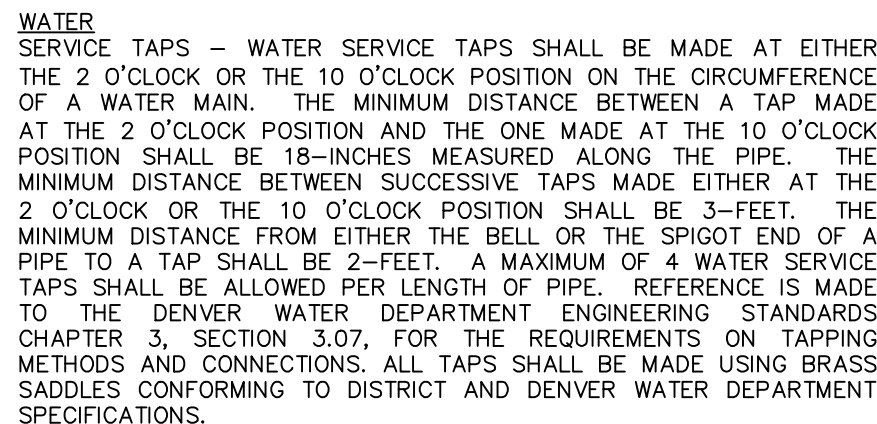
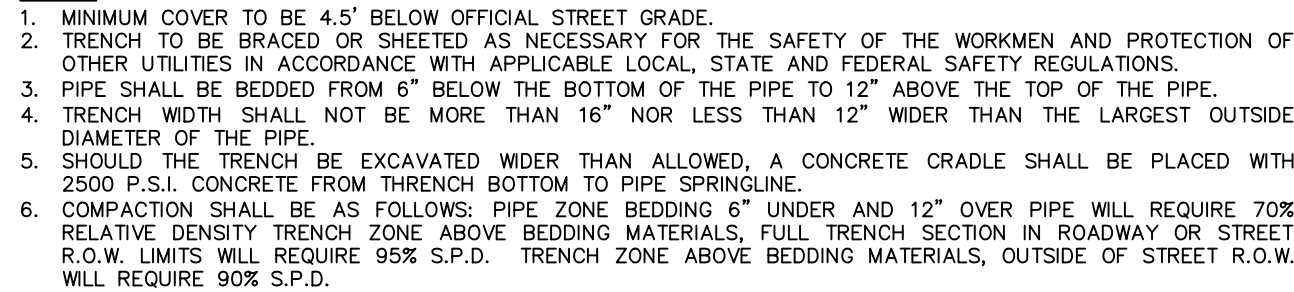
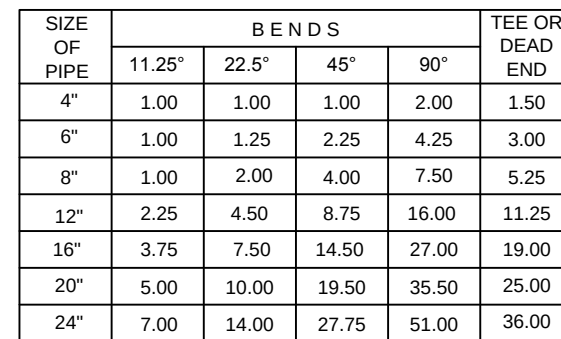
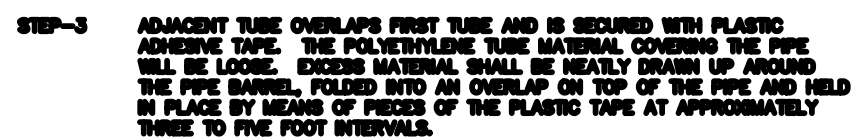
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		Castle Rock, Colorado 80108 FAX (303) 708-8399
		Boondocks Parker, Colorado
		Water Details
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		SHEET 7 OF 8



16. WHEN REDUCERS ARE USED ON VALVE INSTALLATIONS THE LENGTH OF RESTRAINT SHALL BE BASED ON THE SIZE OF THE PIPE NOT THE SIZE OF THE VALVE.

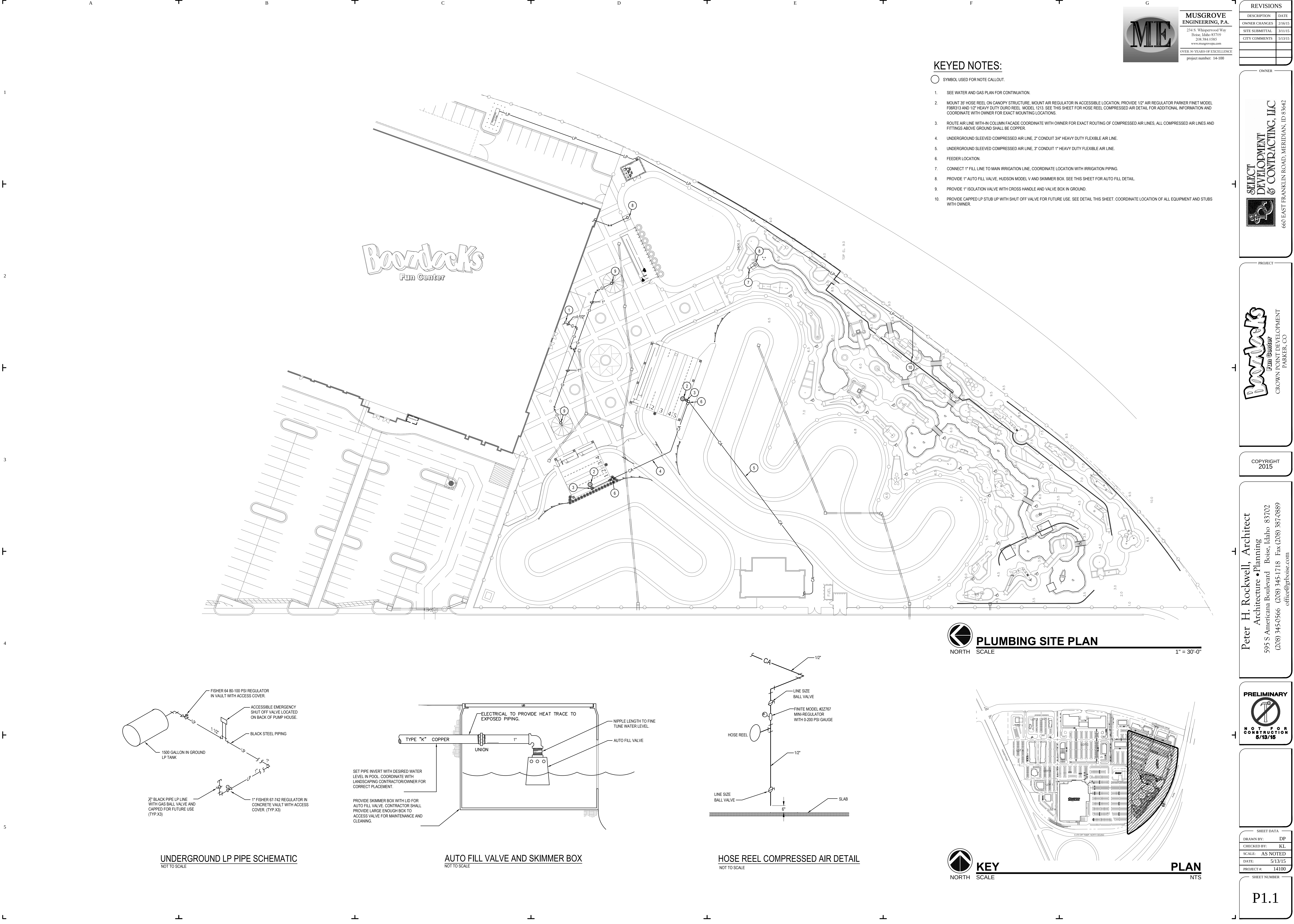


1. BEARING AREAS SHOWN ON THE CHART ARE MINIMUM AREAS AND ARE DESIGNED USING THE FOLLOWING CRITERIA:
 - 1.1. INTERNAL WORKING PRESSURE OF 150 PSI.
 - 1.2. TRANSIENT (WATER HAMMER) PRESSURE OF 120 PSI FOR 6 AND 8-INCH DIAMETER LINES, 110 PSI FOR 12-INCH LINES, AND 80 PSI FOR 16-INCH AND 20-INCH LINES.
 - 1.3. MINIMUM UNDISTURBED SOIL BEARING CAPACITY OF 3000 PSI.
2. ALL SIZES OF BENDS, TEES, AND DEAD ENDS SHALL HAVE KICKBLOCKS.
3. RODDING IS ALSO REQUIRED ON FITTINGS. SEE LENGTH OF PIPE RESTRAINT DETAIL FOR SPECIFIC REQUIREMENTS.
4. ALL BENDS SHALL BE RESTRAINED.

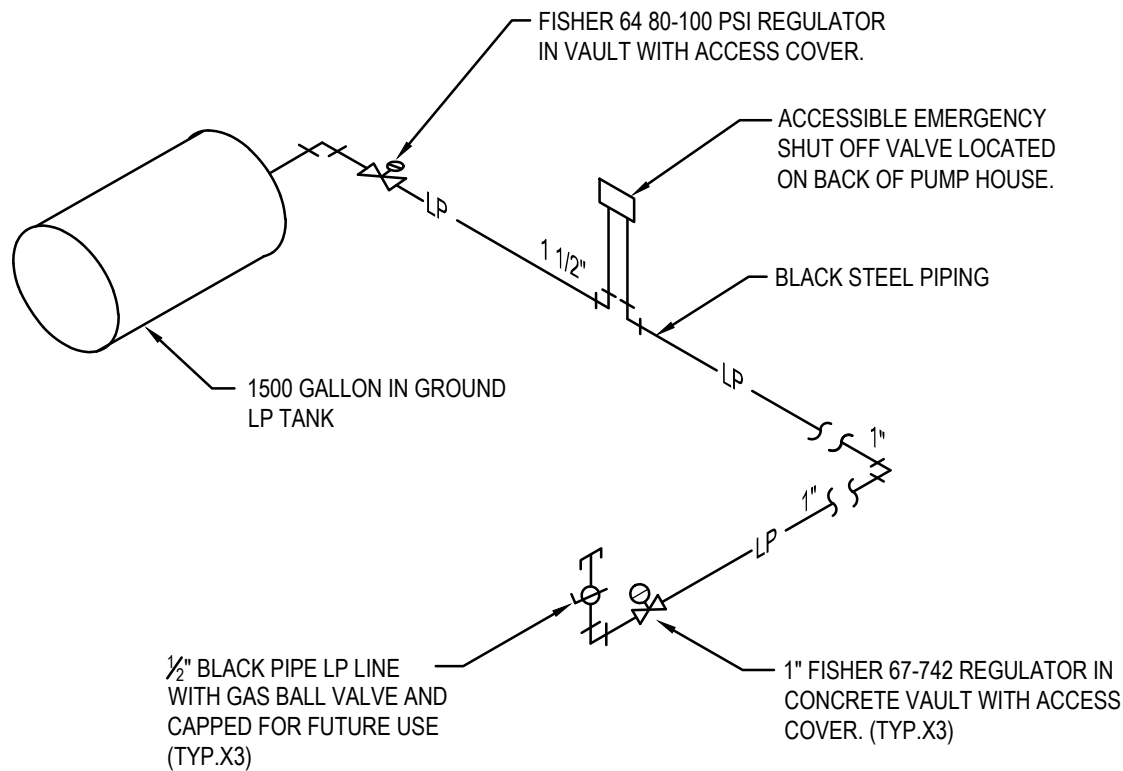


submittal 03/10/2015
DATE 09/16/2014
DES/DFT/CHK WEM/kmr
PROJ. NO. 13-343
SHEET 8 OF 8

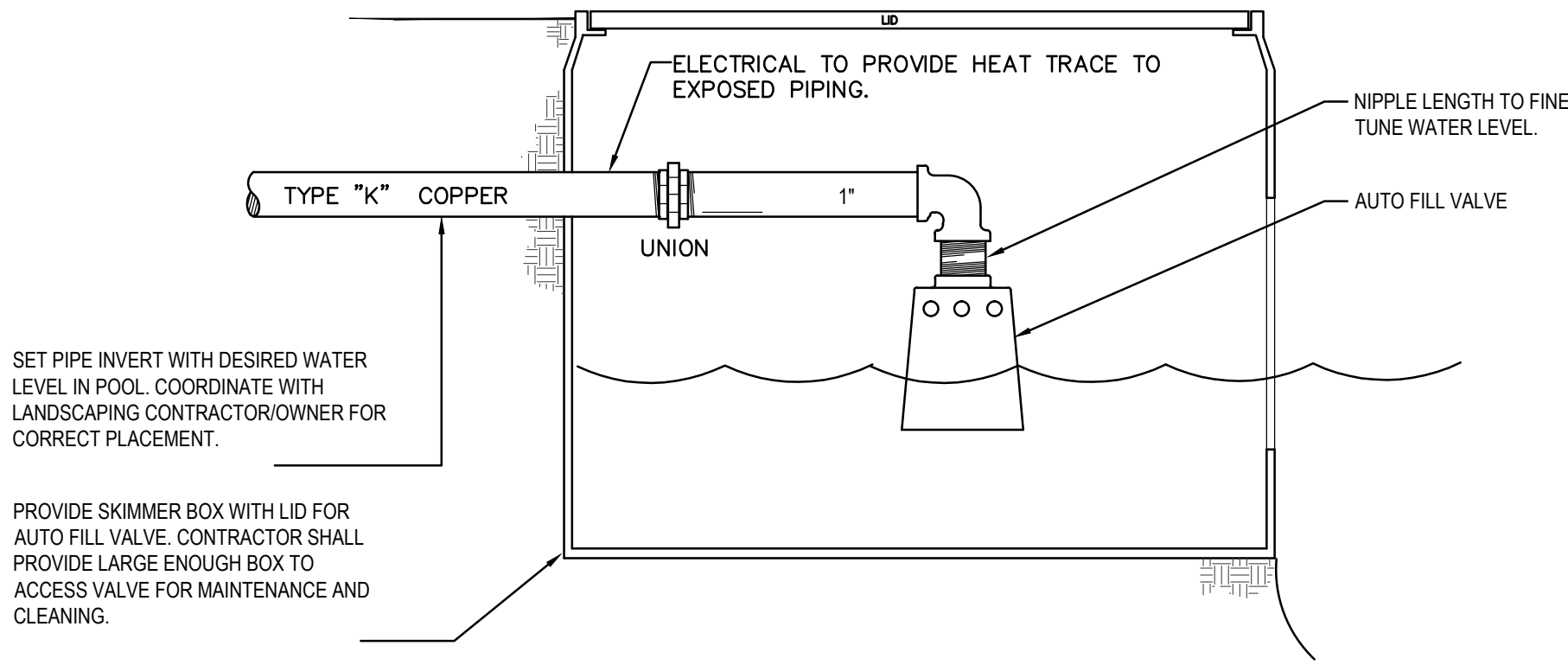
Know what's below
Call before you dig.



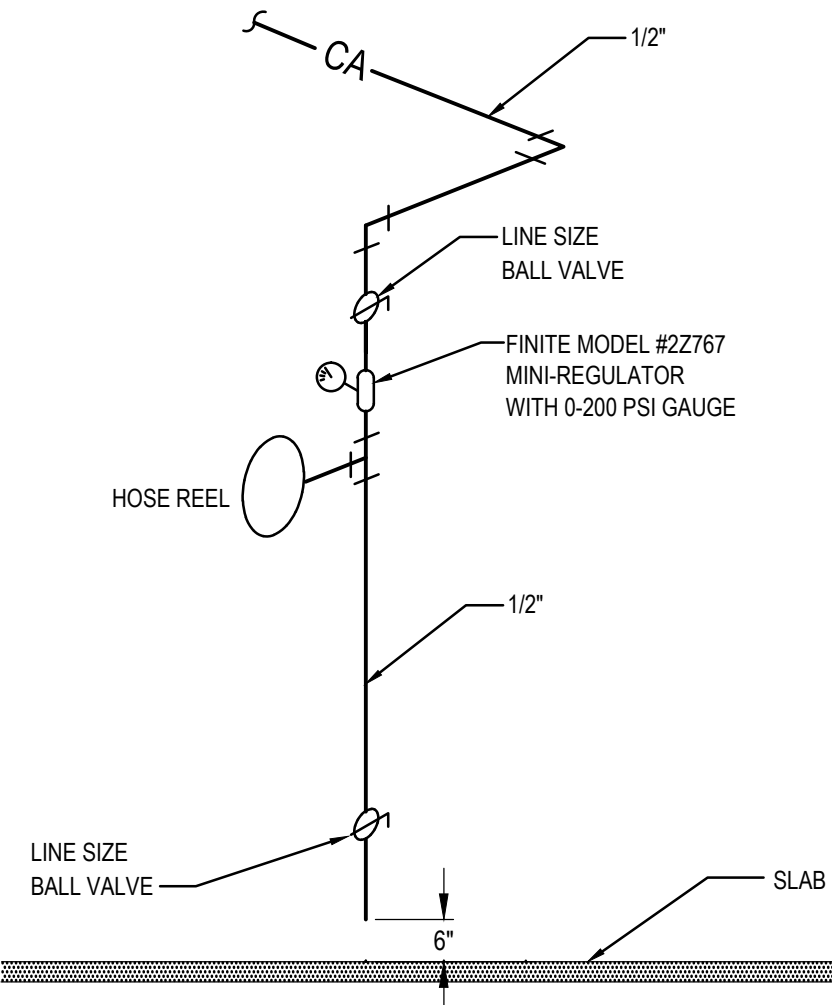
PLUMBING SITE PLAN
NORTH SCALE 1" = 30'-0"



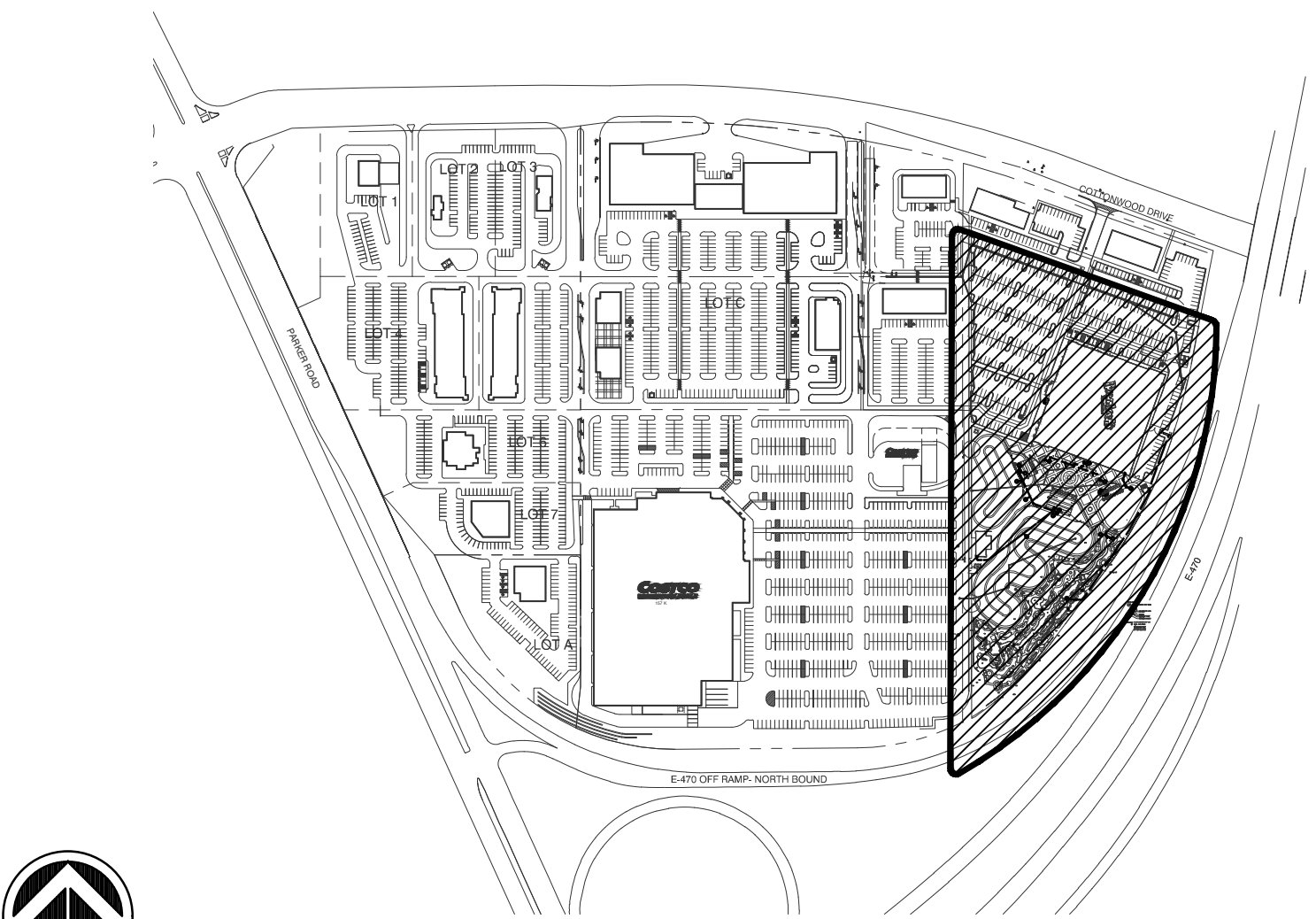
UNDERGROUND LP PIPE SCHEMATIC
NOT TO SCALE



AUTO FILL VALVE AND SKIMMER BOX
NOT TO SCALE



HOSE REEL COMPRESSED AIR DETAIL
NOT TO SCALE



KEY PLAN
NORTH SCALE

KEYED NOTES:

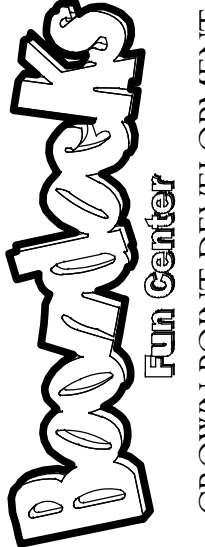
- SYMBOL USED FOR NOTE CALLOUT.
- SEE WATER AND GAS PLAN FOR CONTINUATION.
 - MOUNT 3/8" HOSE REEL ON CANOPY STRUCTURE. MOUNT AIR REGULATOR IN ACCESSIBLE LOCATION. PROVIDE 1/2" AIR REGULATOR PARKER FINET MODEL F06R313 AND 1/2" HEAVY DUTY DURO REEL MODEL 1213. SEE THIS SHEET FOR HOSE REEL COMPRESSED AIR DETAIL FOR ADDITIONAL INFORMATION AND COORDINATE WITH OWNER FOR EXACT MOUNTING LOCATIONS.
 - ROUTE AIR LINE WITH-IN COLUMN FACADE COORDINATE WITH OWNER FOR EXACT ROUTING OF COMPRESSED AIR LINES. ALL COMPRESSED AIR LINES AND FITTINGS ABOVE GROUND SHALL BE COPPER.
 - UNDERGROUND SLEEVED COMPRESSED AIR LINE, 2" CONDUIT 3/4" HEAVY DUTY FLEXIBLE AIR LINE.
 - UNDERGROUND SLEEVED COMPRESSED AIR LINE, 3" CONDUIT 1" HEAVY DUTY FLEXIBLE AIR LINE.
 - FEEDER LOCATION.
 - CONNECT 1" FILL LINE TO MAIN IRRIGATION LINE. COORDINATE LOCATION WITH IRRIGATION PIPING.
 - PROVIDE 1" AUTO FILL VALVE. HUDSON MODEL V AND SKIMMER BOX. SEE THIS SHEET FOR AUTO FILL DETAIL.
 - PROVIDE 1" ISOLATION VALVE WITH CROSS HANDLE AND VALVE BOX IN GROUND.
 - PROVIDE CAPPED LP STUB UP WITH SHUT OFF VALVE FOR FUTURE USE. SEE DETAIL THIS SHEET. COORDINATE LOCATION OF ALL EQUIPMENT AND STUBS WITH OWNER.



**MUSGROVE
ENGINEERING, P.A.**
234 S. Whippoorwill Way
Boise, Idaho 83709
208.384.0585
www.musgrovepa.com
OVER 30 YEARS OF EXCELLENCE
project number: 14-100

REVISIONS	
DESCRIPTION	DATE
OWNER CHANGES	2/16/15
SITE SUBMITTAL	3/11/15
CITY COMMENTS	5/13/15

OWNER
**SELECT DEVELOPMENT
& CONTRACTING, LLC**
660 EAST FRANKLIN ROAD, MERIDIAN, ID 83642



**Boondocks
Fun Center**
CROWN POINT DEVELOPMENT
PARKER, CO

PROJECT

Peter H. Rockwell, Architect
Architecture • Planning
595 S Americana Boulevard Boise, Idaho 83702
(208) 345-0566 (208) 345-1718 Fax (208) 387-0889
office@grboise.com

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PRELIMINARY
NOT FOR CONSTRUCTION
5/13/15

SHEET DATA
DRAWN BY: DP
CHECKED BY: KL
SCALE: AS NOTED
DATE: 5/13/15
PROJECT #: 14100

SHEET NUMBER
P1.1

RE: Boondocks

From : William Edwards <wedwards@grboise.com>

Mon, Jun 15, 2015 03:33 PM

Subject : RE: Boondocks

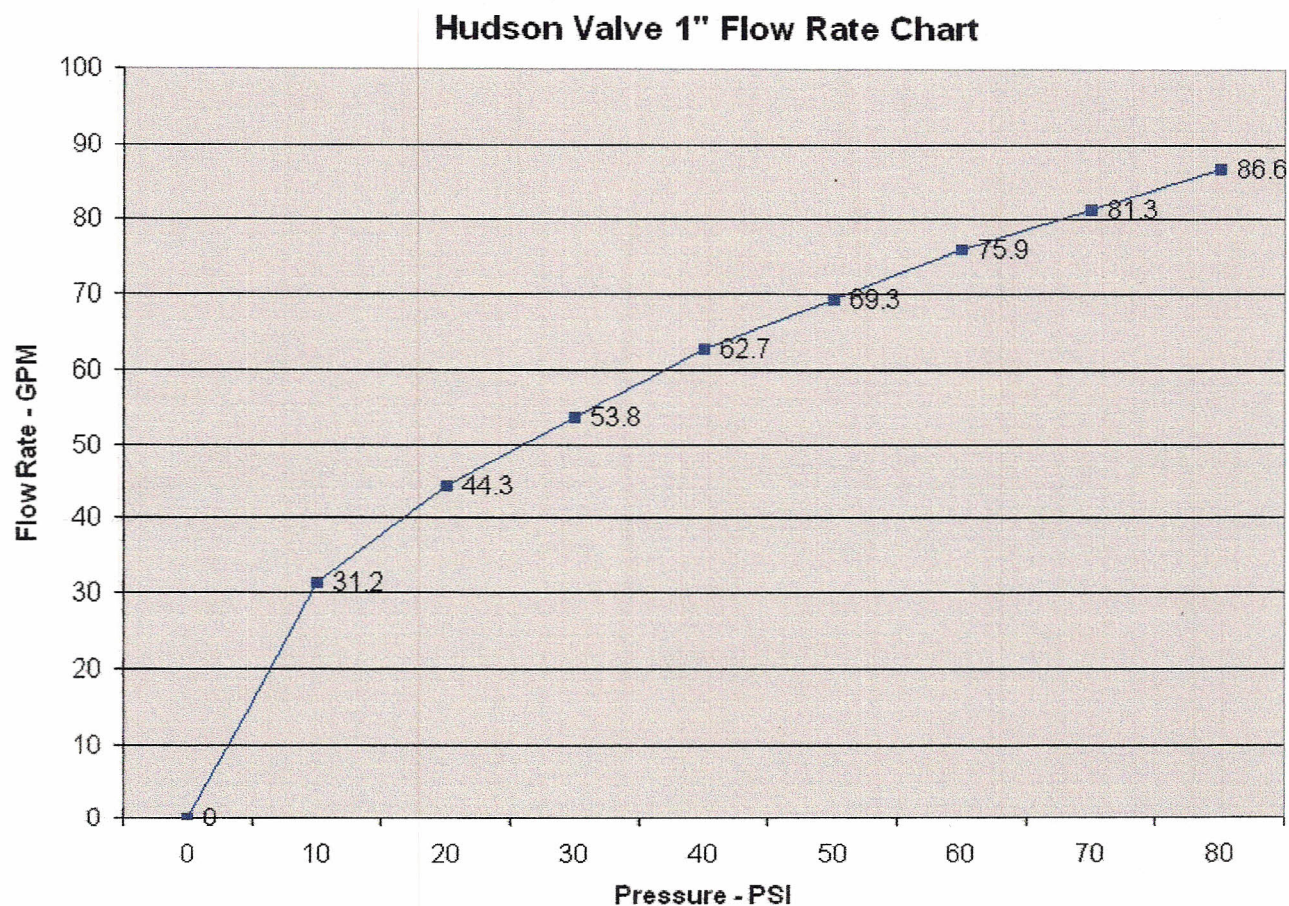
2 attachments

To : wem46@comcast.net

Cc : Randy Fullmer <randy@selectmanagement.com>, Isaac Halling (isaac@selectdev.com) <isaac@selectdev.com>

Bill,

Noted in the PDF file I sent earlier was (Keynote #8) is the call out for the autofill valve. See website for further information:
<http://www.hudsonvalve.com/products.html>. The GPM rating depends on the pressure of the City supplied water line;



Randy or Isaac will have to tell you how they fill the bumper boat pond up to start with. Not sure if they truck water in or fill it from the nearest fire hydrant.

Thanks,

Billy Edwards, Project Manager

Glancey Rockwell & Associates
595 S. Americana Blvd.
Boise, ID 83702

V: 208.345.0566

F: 208.387.0889

From: wem46@comcast.net [mailto:wem46@comcast.net]

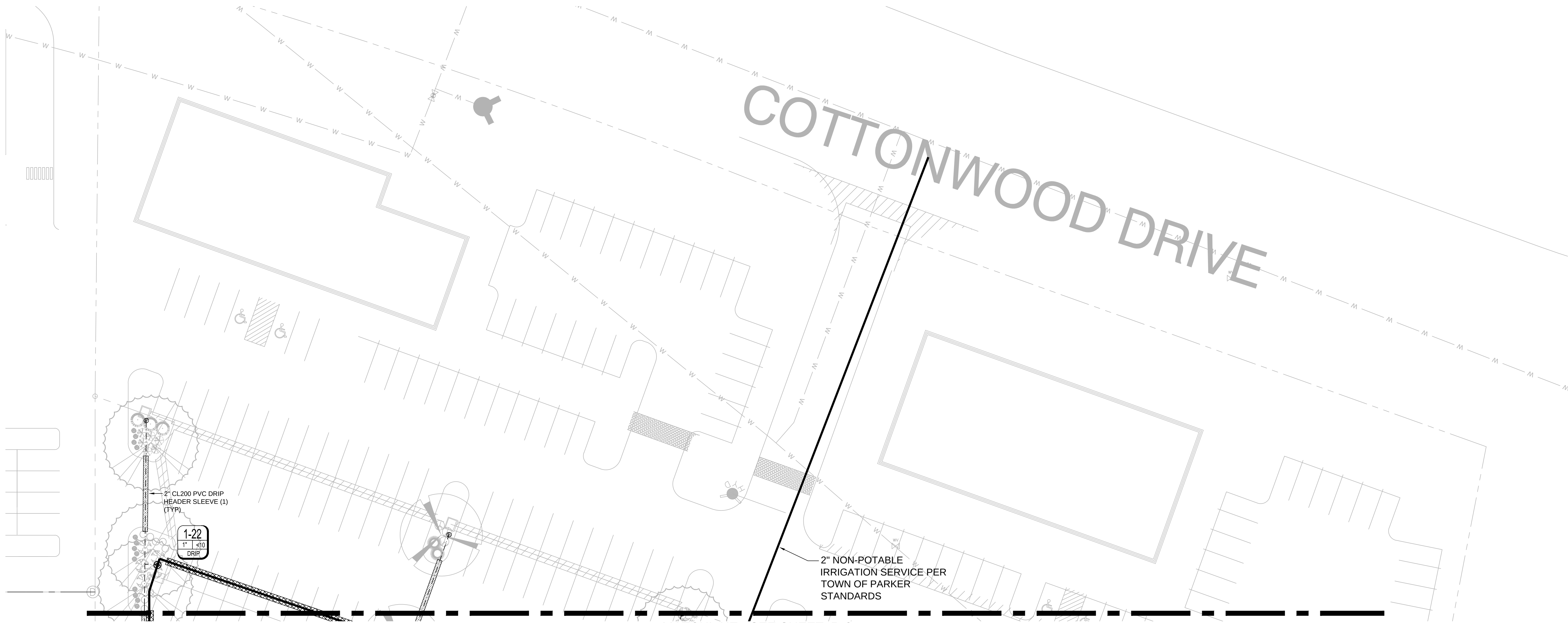
Sent: Monday, June 15, 2015 3:19 PM

To: William Edwards

Cc: Fullmer, Randy

Subject: Boondocks

Hi Billy:



MATCHLINE - SEE SHEET IR-2

IRRIGATION LEGEND

Qty	Symbol	Description
8	■	TORO 8-H PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
1	◆	TORO 8-Q PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
2	■	TORO 8-T PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
48	○	TORO 10-H PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
2	○	TORO 10-Q PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
18	○	TORO 15-H PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
2	○	TORO 15-Q PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
1	■	TORO 4X15 RCS PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
2	■	TORO 4X30 SST PRECISION SERIES NOZZLE WITH HUNTER PROS-06-PRS30-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
1	○	HUNTER MP ROTATOR MP CORNER (TURQUOISE) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
22	○	HUNTER MP ROTATOR MP LEFT STRIP (IVORY) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
19	○	HUNTER MP ROTATOR MP RIGHT STRIP (COPPER) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
50	○	HUNTER MP ROTATOR MP SIDE STRIP (BROWN) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
27	○	HUNTER MP ROTATOR MP1000 180 DEG (MAROON) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
1	○	HUNTER MP ROTATOR MP1000 360 DEG (OLIVE) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
18	○	HUNTER MP ROTATOR MP1000 90 DEG (MAROON) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
12	○	HUNTER MP ROTATOR MP2000 90 DEG (BLACK) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
5	○	HUNTER MP ROTATOR MP2000 120 DEG (BLACK) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
57	○	HUNTER MP ROTATOR MP2000 180 DEG (BLACK) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
2	○	HUNTER MP ROTATOR MP2000 210 DEG (GREEN) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
5	○	HUNTER MP ROTATOR MP2000 360 DEG (RED) NOZZLE WITH HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY - SEE DETAIL
19	⊕	HUNTER ICV-101G-AS 1" PRESSURE REGULATING DRIP REMOTE CONTROL VALVE ASSEMBLY WITH RAIN BIRD QCKCHK BASKET FILTER - SEE DETAIL
6	⊕	HUNTER ICV-101G-AS 1" PRESSURE REGULATING REMOTE CONTROL VALVE ASSEMBLY - SEE DETAIL
2	⊕	HUNTER ICV-151G-AS 1-1/2" PRESSURE REGULATING REMOTE CONTROL VALVE ASSEMBLY - SEE DETAIL
1	⊕	WEATHERMATIC SL1600-3YR-BUNDLE-FLOW - SMARTLINE 48 STATION ET BASED 2-WIRE WALL MOUNT CONTROLLER INCLUDES SLW5 WEATHER SENSOR AND SMARTLINK FLOW AIR CARD
13	⊕	HUNTER HQ-5RC 1" QUICK COUPLING VALVE ASSEMBLY - SEE DETAIL
8	⊕	MATCO 10RS 2" THREADED RESILIENT WEDGE GATE VALVE ASSEMBLY - SEE DETAIL
1	⊕	NIBCO T113-IRR 1-1/2" BRONZE GATE ISOLATION VALVE ASSEMBLY - SEE DETAIL
2	⊕	LASCO 101N TUBV 1" PVC THREADED BALL VALVE FOR GOLF COURSE WATER FEATURE FILL - SEE DETAIL
52	⊕	MANUAL DRIP LINE FLUSH VALVE ASSEMBLY - SEE DETAIL
1	⊕	2" INCH NON-POTABLE TAP & WATER METER
2,900 LF	—	2" CL200 PVC SOLVENT WELD MAINLINE PIPE - 24" BURY
300 LF	—	1-1/2" CL200 PVC SOLVENT WELD MAINLINE PIPE - 24" BURY
4,140 LF	—	1" CL200 PVC SOLVENT WELD LATERAL PIPE - 18" BURY
100 LF	—	1-1/4" CL200 PVC SOLVENT WELD LATERAL PIPE - 18" BURY
120 LF	—	1-1/2" CL200 PVC SOLVENT WELD LATERAL PIPE - 18" BURY
260 LF	—	2" CL200 PVC SOLVENT WELD LATERAL PIPE - 18" BURY
1,000 LF	—	1" CL 200 PVC SOLVENT WELD PIPE TO ANNAUL BEDS - 18" BURY
7,000 LF	—	1" POLYETHYLENE DRIP HEADER TUBING
2,000 LF	—	2" CL200 PVC DRIP HEADER SLEEVE PIPE
100 LF	—	3" CL200 PVC LATERAL SLEEVE PIPE
860 LF	—	4" CL200 PVC MAINLINE SLEEVE PIPE WITH SEPARATE 3" CL200 PVC WIRE SLEEVE

IRRIGATION NOTES

- IRRIGATION SYSTEM DESIGNED FOR 50 PSI DYNAMIC PRESSURE. CONTRACTOR TO STATIC PRESSURE PRIOR TO INSTALLATION. STATIC PRESSURE MUST BE MINIMUM 70 PSI.
- ALL SLEEVE PIPE OPENINGS SHALL BE DOUBLE WRAPPED WITH 6 MIL POLYETHYLENE PLASTIC AND SECURED USING WIRE "ZIP" TIES AROUND SLEEVE AND PIPE.
- MINIMUM PIPE SIZE SHALL BE 1" DIAMETER UNLESS OTHERWISE NOTED ON PLAN.
- PIPE HOPS FOR DRIP LINE HEADER NOT SHOWN ON PLANS FOR CLARITY PURPOSED. UNDER NO CIRCUMSTANCES SHALL DRIP HEADER LINE BE CONNECTED TO LATERALS LINES OR MAINLINE.
- CONTRACTOR SHALL PROVIDE 120 VOLT 15 AMP ELECTRICAL SERVICE TO CONTROLLER LOCATION.
- ACTUAL CONTROLLER LOCATION SHALL BE DETERMINED IN THE FIELD BY OWNERS REPRESENTATIVE.
- DRIP EMITTERS SHALL BE PRESSURE COMPENSATING TYPE. DRIP EMITTER LOCATIONS ARE NOT SHOWN ON PLAN FOR GRAPHICAL PURPOSES. EMITTERS SHALL BE INSTALLED PER THE FOLLOWING QUANTITIES:
#2 CONTAINER = TWO 0.5 GPH EMITTER
#5 CONTAINER = TWO 1.0 GPH EMITTERS
2" CALIPER TREE = 36" DRIP RING W/ .6 GPH EMITTERS/24" SPACING
6"- 8" CONIFER = 48" DRIP RING W/ .6 GPH EMITTERS/24" SPACING
3" CALIPER TREE = 48" DRIP RING W/ .6 GPH EMITTERS/24" SPACING
- CONTRACTOR SHALL INSTALL WEATHERMATIC SLFSI-T20 2" FLOW SENSOR AT POINT OF CONNECTION LOCATION. INSTALL FLOW SENSOR DOWNSTREAM OF MASTER VALVE AND RUN MANUFACTURER RECOMMENDED COMMUNICATION WIRE TO CONTROLLER. AND MAKE ALL NECESSARY CONNECTIONS FOR PROPER OPERATION. FLOW SENSORS SHALL BE LINE SIZE AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
- CONTRACTOR SHALL PROVIDE 3 YEARS OF WEB ACCESS SERVICE FOR THE CONTROLLER NETWORK. SUBSCRIPTION SHALL COMMENCE AT THE START OF THE FIRST OPERATIONAL GROWING SEASON.
- CONTRACTOR SHALL PROVIDE AND INSTALL WEATHERMATIC SLW5 WEATHER SENSOR AT CONTROLLER LOCATION.

TWO WIRE CONTROLLER NOTES

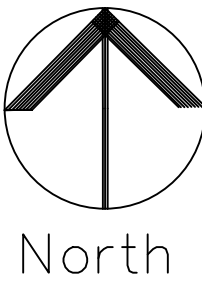
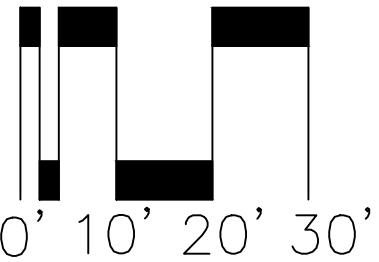
- TWO WIRE DECODER CONTROL WIRE SHALL BE WEATHERMATIC SLWIRE 14-2 TWISTED PAIR WIRE AND SHALL MEET ALL CONTROLLER MANUFACTURERS RECOMMENDATIONS.
- CONTRACTOR SHALL PROVIDE AND INSTALL WEATHERMATIC SLDEC SERIES DECODERS AS REQUIRED TO COMPLETE SYSTEM INSTALLATION AND OPERATION. MULTIPLE ADDRESS DECODERS MAY BE USED WHERE REMOTE CONTROL VALVES ARE IN CLOSE PROXIMITY TO EACH OTHER. ONLY ONE SOLENOID PER ADDRESS IS ALLOWED.
- INSTALL WEATHERMATIC SLGDT LIGHTNING ARRESTOR/SURGE PROTECTION AND GROUND GROUND ROD AT CONTROLLER LOCATION. CONTROL WIRE END, AND EVERY 500 LF OF CONTROL WIRE. GROUNDING MUST OBTAIN 10 OHMS OF RESISTANCE OR LOWER AS TESTED WITH APPROPRIATE EARTH GROUND RESISTANCE TESTER. EARTH GROUND TESTS SHALL BE PERFORMED BY A QUALIFIED TECHNICIAN PROVIDED BY THE CONTROLLER SUPPLIER.

VALVE ID KEY	
A1	STATION NUMBER
113	PRECIPITATION RATE (in/hr)
112	STATION FLOW (GPH)
1	VALVE SIZE

GENERAL NOTES

- THIS SYSTEM IS INTENDED TO UTILIZE A NON-POTABLE WATER SOURCE . ALL PIPING , SPRINKLERS, EMISSION DEVICES, AND CONTROL VALVES SHALL INCLUDE PURPLE, NON POTABLE WARNINGS AND MARKINGS.
- BACK FLOW PREVENTION, IF REQUIRED, SHALL BE INSTALLED TO MEET ALL LOCAL CODES.
- CONTOUR PLAN OF SITE NOT AVAILABLE AT TIME OF DESIGN. PLAN ASSUMES MAXIMUM ELEVATION DIFFERENCE OF +/- 10' BETWEEN POC AND CONTROL VALVE 1-13.
- ALL PIPING SHOWN ON PLANS IS DIAGRAMMATIC AND LOCATIONS SHOWN ARE FOR CLARITY ONLY. ALL PIPING SHALL BE ROUTED IN PLANTING AREAS AND SHALL AVOID TREE LOCATIONS. PIPING SHALL MAINTAIN A MINIMUM OF 10 LF FROM TREE ROOT BALLS.
- DRIP HEADER LINES SHOWN ON PLANS INDICATE PROXIMITY OF DRIP ZONES. ALL TREES AND SHRUBS SHALL INCLUDE EMITTERS AND/OR DRIP RINGS. REFER TO NOTES FOR EMITTER SIZE AND QUANTITIES. EMITTER LOCATIONS AND DISTRIBUTION TUBING NOT SHOWN ON PLANS FOR GRAPHICAL AND CLARITY PURPOSES. ZONES ARE DESIGNED TO ACCOMMODATE 5 GPM NOT TO EXCEED 10 GPM
- REMOTE CONTROL VALVES FOR TURF SHALL BE INSTALLED IN ADJACENT SHRUB BEDS OR WITHIN 2LF OF WALKWAYS AND CURBS OR IN TURF AREAS NOT CONTROLLED BY VALVE IN QUESTION.
- ANY QUANTITIES SHOWN ON PLAN ARE ESTIMATED QUANTITIES ONLY. FIELD CONDITIONS MAY VARY AND MAY ALTER ACTUAL QUANTITIES. CONTRACTOR TO VERIFY FIELD CONDITIONS PRIOR TO INSTALLATION.
- ALL SPRINKLER NOZZLES SHALL BE ADJUSTED FOR OPTIMUM COVERAGE AND MINIMUM OVERSPRAY.
- REMOTE CONTROL VALVES SHALL BE INSTALLED PER DETAILED DRAWINGS AND SHALL HAVE ONE CONTROL VALVE PER VALVE BOX.
- ALL ELECTRICAL WORK SHALL BE IN COMPLIANCE WITH N.E.C. AND ALL LOCAL CODES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
- ALL TRENCHES SHALL BE BACKFILLED IN 6" LIFTS OF CLEAN SOIL FREE OF ROCKS AND RUBBISH AND COMPACTED TO 95% PROCTOR DENSITY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
- CARE SHALL BE TAKEN TO ENSURE THAT NO SOIL OR DEBRIS ENTERS THE PIPE DURING INSTALLATION.
- ALL PIPE ENDS SHALL BE PROPERLY CLEANED AND SHALL BE FREE OF ANY BURRS AND/OR SHAVINGS AS A RESULT OF THE PIPE BEING CUT.
- ALL LINES SHALL BE THOROUGHLY FLUSHED PRIOR TO INSTALLATION OF NOZZLES.

Scale: 1" = 20'



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Job # 409

CALL UTILITY NOTIFICATION
CENTER OF COLORADO
811
CALL 2 BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

REVISIONS

DESCRIPTION	DATE
ING. LANDS/SM. SWS REV.	7/17/15

OWNER

SELECT DEVELOPMENT & CONTRACTING, LLC

660 EAST FRANKLIN ROAD, MERIDIAN, ID 83642

PROJECT

Woodlands

Fun Center

CROWN POINT DEVELOPMENT PARKER, CO

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DOUGLAS J. SMITH

Certified Irrigation Designer

CID

IRRIGATION ASSOCIATION

42773

CONSTRUCTION DRAWINGS

IRRIGATION PLAN

NORTH

SHEET DATA

DRAWN BY: DJS

CHECKED BY: DJS

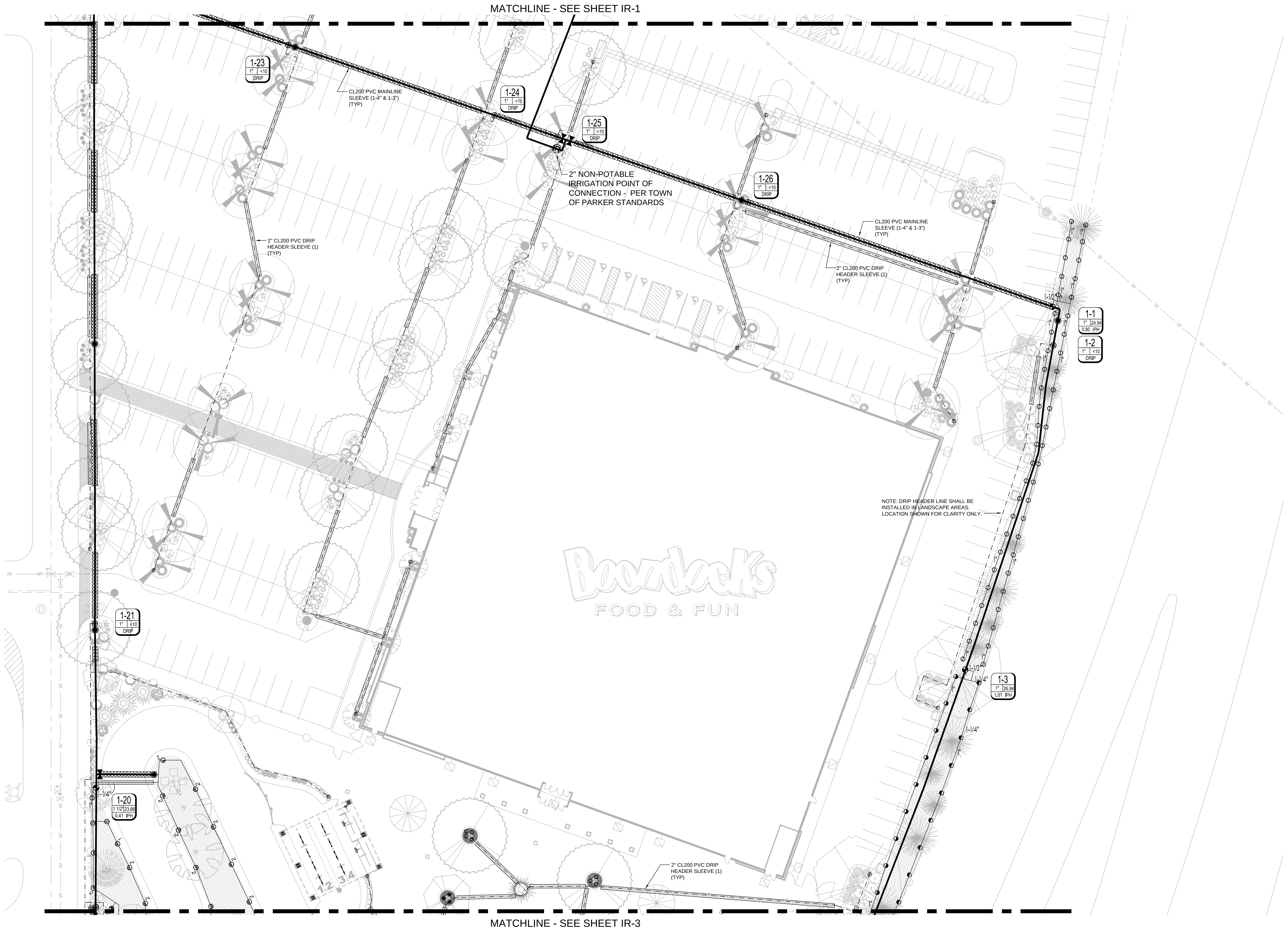
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DATE: 5/29/15

PROJECT #: 14001

SHEET NUMBER

IR-1

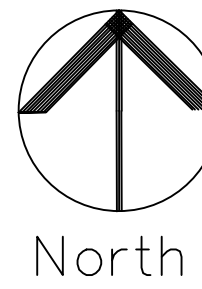
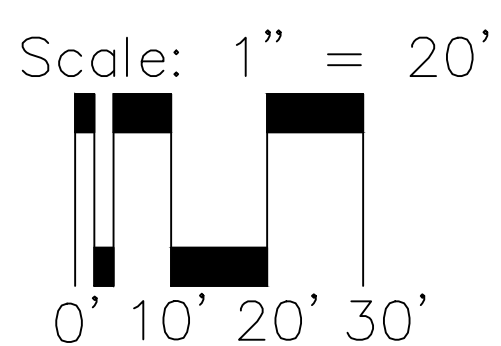


MATCHLINE - SEE SHEET IR-1

MATCHLINE - SEE SHEET IR-3

Boondocks
FOOD & FUN

NOTE: DRIP HEADER LINE SHALL BE
INSTALLED IN LANDSCAPE AREAS.
LOCATION SHOWN FOR CLARITY ONLY.



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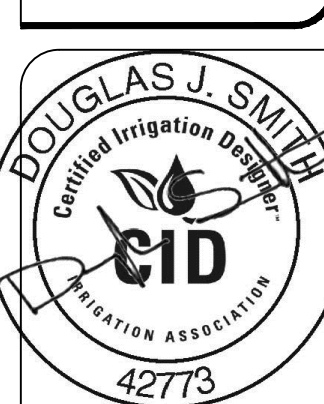
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PROJECT

Boondocks Food & Fun Center
CROWN POINT DEVELOPMENT
PARKER, CO

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office@pgrhose.com



CONSTRUCTION
DRAWINGS
IRRIGATION PLAN
CENTER

SHEET DATA	
DRAWN BY:	DJS
CHECKED BY:	DJS
SCALE:	1" = 20'
DATE:	5/29/15
PROJECT #	14001

SHEET NUMBER
IR-2

MATCHLINE - SEE SHEET IR-2

NOTE: DRIP HEADER LINE SHALL BE
INSTALLED IN LANDSCAPE AREAS.
LOCATION SHOWN FOR CLARITY ONLY.

1-4
1" <10
DRIP

PROPOSED CONTROLLER
LOCATION. CONTRACTOR
SHALL PROVIDE 120V 15AMP
SERVICE TO CONTROLLER.

NOTE: LATERAL LINES MAY BE
INSTALLED IN COMMON TRENCH.

1-5
1 1/2" 33.56
0.43 IPH

1-6
1" 9.86
0.53 IPH

1-7
1" <10
MS/SPRAY

NOTE: ZONE 1-7 FOR ANNUAL BEDS
ONLY. EMISSION DEVICES NOT SHOWN.
CONTRACTOR TO PROVIDE HIGH
EFFICIENCY SPRAY HEADS OR
MICROSPRAY ADAPTERS ON 12" HIGH
POP SPRINKLER BODIES. ALL BODIES
MUST INCLUDE CHECK VALVES AND
PRESSURE REGULATION

1" CL200 PVC GOLF COURSE POND
AUTO FILL LINE. INSTALL LASCO
101N TUBV ISOLATION VALVE. AUTO
FILL CONTROL VALVE BY GOLF
COURSE CONTRACTOR.

1-9
1" <10
DRIP

1-8
1" <10
DRIP

1-10
1" <10
DRIP

TRASH AND TRASH CAN
LOCATIONS TYP.

1-11
1" 11.88
1.42 IPH

SKULL HOLE
W/ BALL COLLECTOR

PLAY THROUGH CAVE
W/ VOLCANO AND FALLS
T.O.C. = 30.5'

1-12
1" <10
DRIP

PLAY THROUGH CAVE
W/ PIRATE FORT AND FALLS
T.O.C. = 17.5'

NOTE: ALL PIPING UNDER ANY
HARDSCAPE SHALL BE SLEEVED IN
CL200 PVC SLEEVE PIPE. LOCATIONS
NOT SHOWN FOR CLARITY PURPOSES.

BLACK WHALE LODGE

MILL SCENE

DOCK SCENE
DINGY BOAT

DROP HOLE
W/ CANNIBAL SCENE

NOTE: ZONE 1-17 FOR ANNUAL BEDS
ONLY. EMISSION DEVICES NOT SHOWN.
CONTRACTOR TO PROVIDE HIGH
EFFICIENCY SPRAY HEADS OR
MICROSPRAY ADAPTERS ON 12" HIGH
POP SPRINKLER BODIES. ALL BODIES
MUST INCLUDE CHECK VALVES AND
PRESSURE REGULATION

1-18
1" <10
DRIP

1-17
1" <10
MS/SPRAY

1-16
1" 4.43
1.87 IPH

WATER SHOT HOLE

WATER SHOT HOLE

1" CL200 PVC GOLF COURSE POND
AUTO FILL LINE. INSTALL LASCO
101N TUBV ISOLATION VALVE. AUTO
FILL CONTROL VALVE BY GOLF
COURSE CONTRACTOR.

1-15
1" <10
DRIP

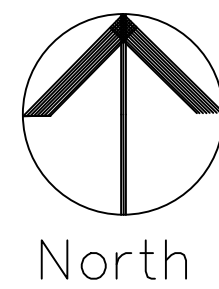
1-14
1" <10
MS/SPRAY

NOTE: ZONE 1-14 FOR ANNUAL BEDS
ONLY. EMISSION DEVICES NOT SHOWN.
CONTRACTOR TO PROVIDE HIGH
EFFICIENCY SPRAY HEADS OR
MICROSPRAY ADAPTERS ON 12" HIGH
POP SPRINKLER BODIES. ALL BODIES
MUST INCLUDE CHECK VALVES AND
PRESSURE REGULATION

1-13
1" 20.44
0.44 IPH

Scale: 1" = 20'

0' 10' 20' 30'



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42773

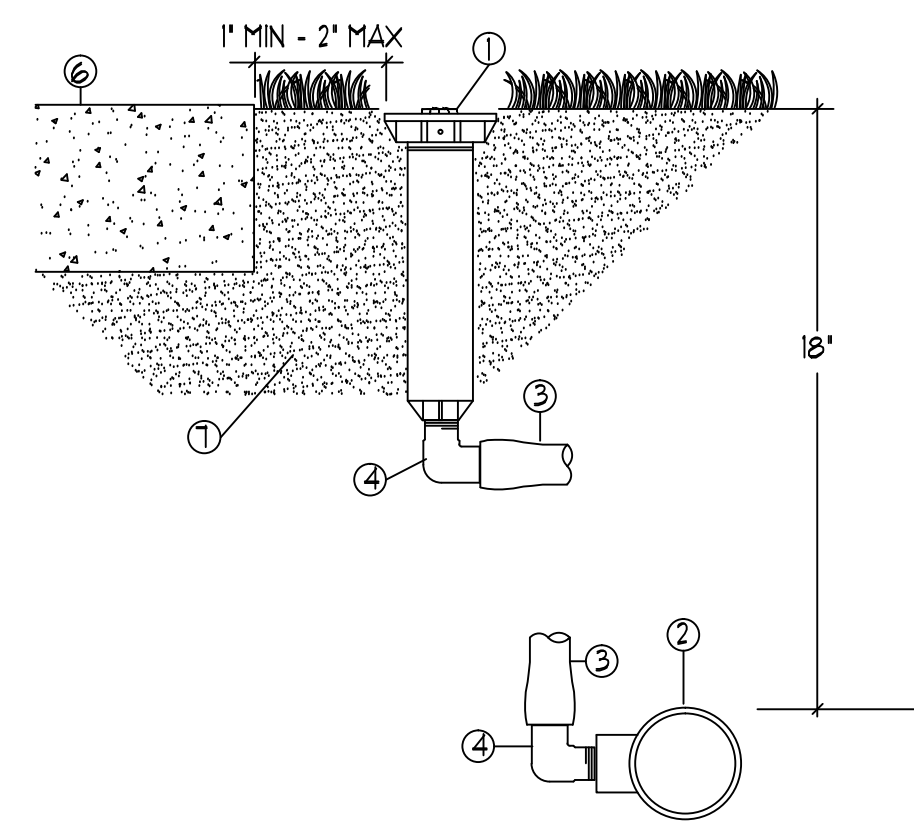
CONSTRUCTION
DRAWINGS
IRRIGATION PLAN
SOUTH

SHEET DATA

DRAWN BY: DJS
CHECKED BY: DJS
SCALE: 1" = 20'
DATE: 5/29/15
PROJECT #: 14001

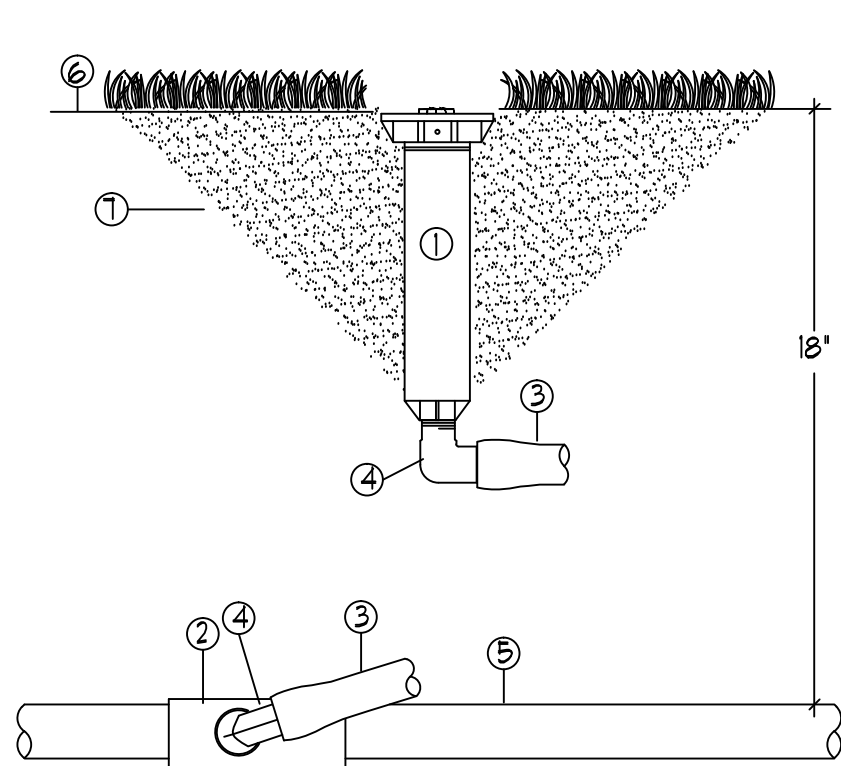
SHEET NUMBER

IR-3



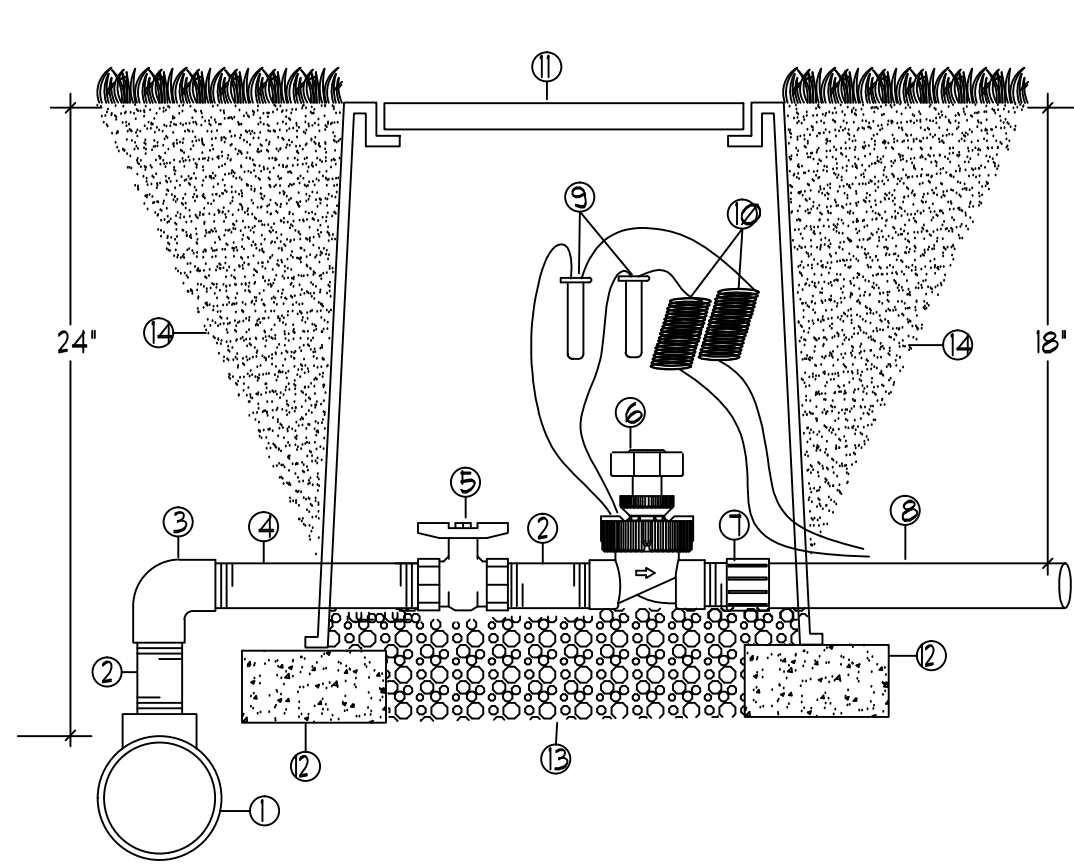
- ① SPRINKLER HEAD (SEE LEGEND)
- ② SCH 40 PVC LATERAL FITTING
- ③ RAINBIRD SP SWING PIPE
- ④ RAINBIRD SBE-050 BARBED FITTING
- ⑤ PVC LATERAL PIPE (SEE LEGEND)
- ⑥ CONCRETE OR ASPHALT HARDSCAPE
- ⑦ CLEAN COMPACTED BACKFILL

A FIXED SPRAY SPRINKLER ASSEMBLY
W/ SWING PIPE NT9



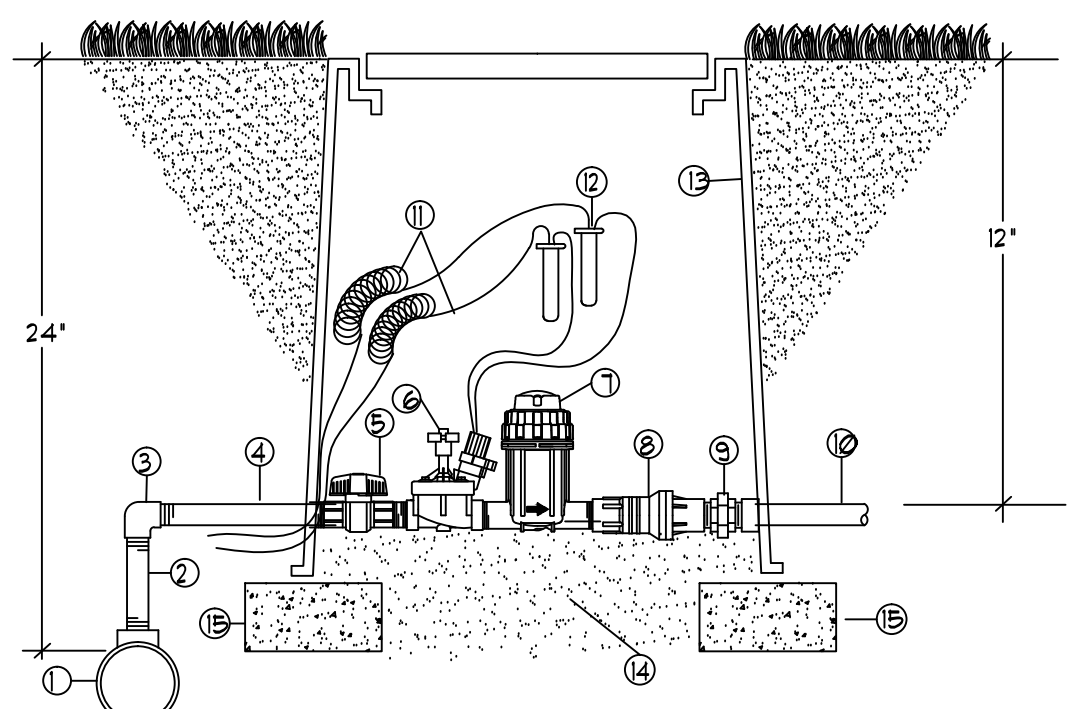
- ① SPRINKLER HEAD (SEE LEGEND)
- ② SCH 40 PVC LATERAL FITTING
- ③ RAINBIRD SP SWING PIPE
- ④ RAINBIRD SBE-050 BARBED FITTING
- ⑤ PVC LATERAL PIPE (SEE LEGEND)
- ⑥ FINISH GRADE
- ⑦ CLEAN COMPACTED BACKFILL

B FIXED SPRAY SPRINKLER ASSEMBLY
W/ SWING PIPE NT9



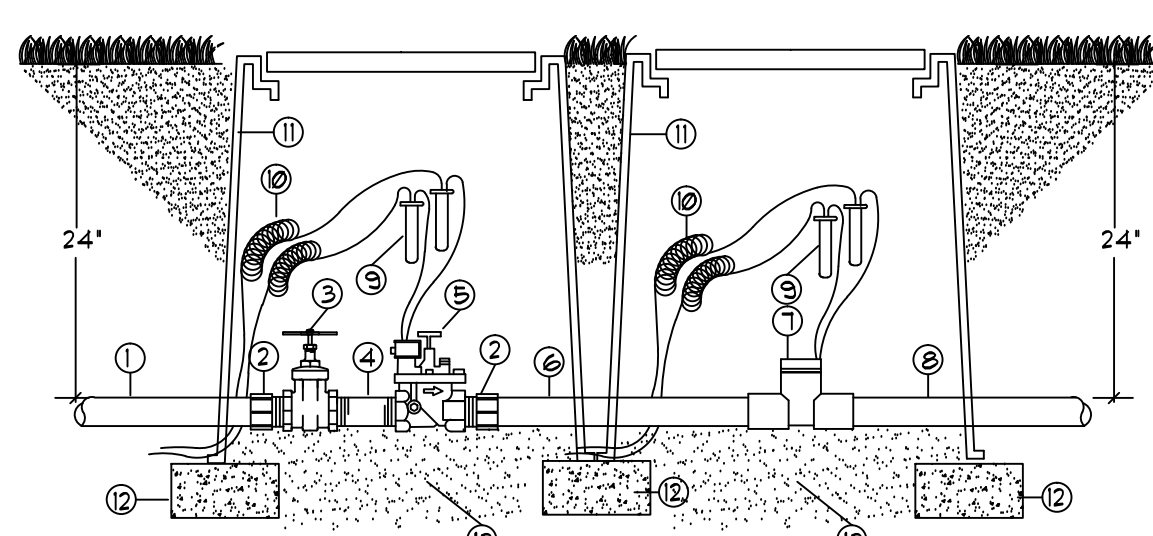
- ① MAINLINE FITTING
- ② SCH 80 PVC NIPPLE - TBE 4' LENGTH
- ③ SCH 80 PVC THREADED 90 DEG ELBOW
- ④ SCH 80 PVC NIPPLE - TBE 18' LENGTH
- ⑤ SCH 80 PVC THREADED BALL VALVE
- ⑥ REMOTE CONTROL VALVE (SEE LEGEND)
- ⑦ SCH 80 PVC MALE ADAPTER
- ⑧ LATERAL PIPING (SEE LEGEND)
- ⑨ 3" DBT WATER TIGHT CONNECTOR
- ⑩ 3/4" WIRE EXPANSION LOOPS
- ⑪ CARSON / BROOKS 1/8" VALVE BOX
- ⑫ CHU SUPPORT BLOCK
- ⑬ 7 CUBIC FT WASHED PEA GRAVEL
- ⑭ CLEAN AND COMPACTED BACKFILL

C REMOTE CONTROL VALVE ASSEMBLY
WITH BALL VALVE ISOLATION



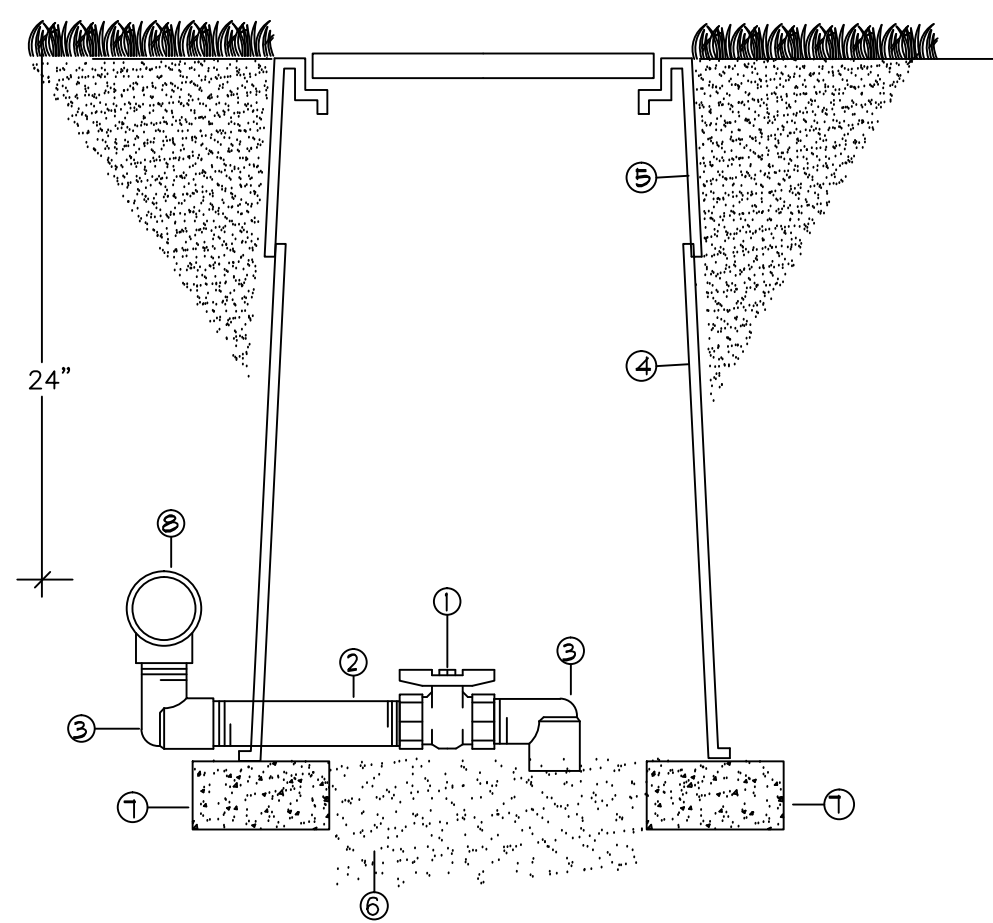
- ① MAINLINE FITTING
- ② SCH 80 PVC THREADED NIPPLE - 10' LENGTH
- ③ SCH 80 PVC THREADED ELBOW
- ④ SCH 80 PVC THREADED NIPPLE - 12' LENGTH
- ⑤ PVC BALL VALVE
- ⑥ REMOTE CONTROL VALVE (SEE LEGEND)
- ⑦ BASKET FILTER
- ⑧ PRESSURE REGULATOR
- ⑨ SCH 80 PVC THREADED UNION
- ⑩ LATERAL PIPE (SEE LEGEND)
- ⑪ EXPANSION LOOPS - 36" MINIMUM
- ⑫ 3" DBT CONNECTOR
- ⑬ CARSON 1/8" VALVE BOX W/ LID (EXTENSIONS AS REQUIRED)
- ⑭ WASHED PEA GRAVEL - 2 CF MINIMUM
- ⑮ 4' X 8' X 16" CONCRETE BLOCK SUPPORT

D REMOTE CONTROL DRIP VALVE ASSY.
W/ FILTER & REGULATOR NT9



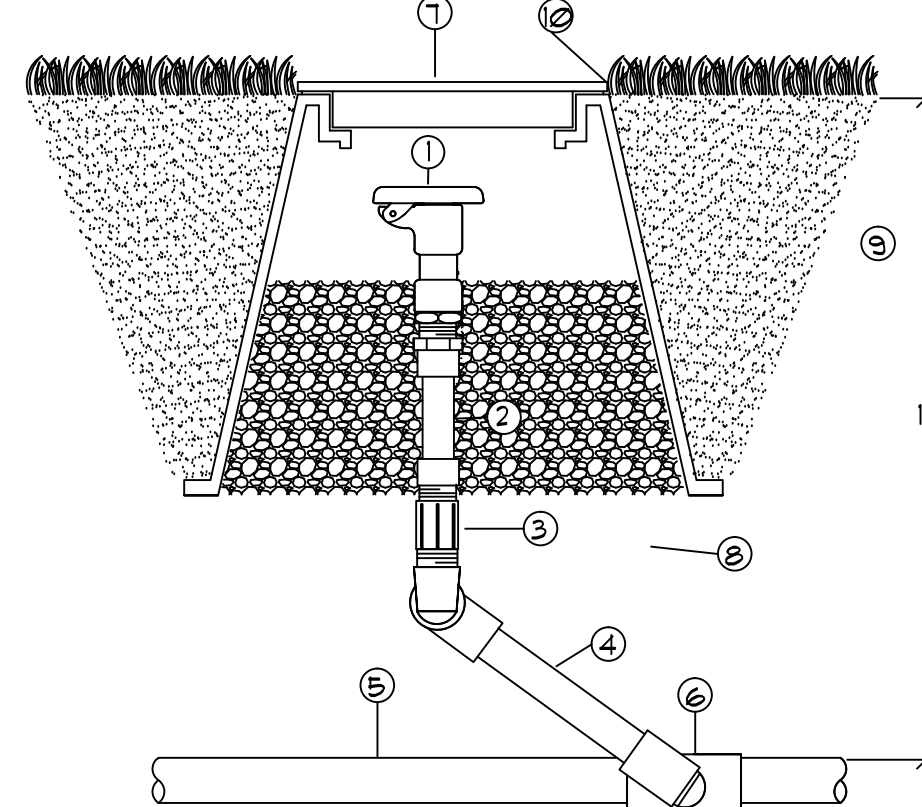
- ① SERVICE LINE
- ② SCH 40 PVC MALE ADAPTER
- ③ NIBCO T-113 BRONZE GATE VALVE
- ④ SCH 80 PVC THREADED NIPPLE (LINE SIZE X 6" LENGTH)
- ⑤ REMOTE CONTROL VALVE (SEE LEGEND)
- ⑥ CLASS 200 PVC PIPE - MINIMUM 10' X PIPE DIAMETER LENGTH
- ⑦ SCH 80 PVC FLOW SENSOR (SEE LEGEND)
- ⑧ MAINLINE PIPE (SEE LEGEND)
- ⑨ 3" DBT CONNECTOR
- ⑩ EXPANSION LOOPS - 36" MINIMUM
- ⑪ CARSON 1/8" VALVE BOX W/ LID AND EXTENSIONS AS REQ'D
- ⑫ 4' X 8' X 16" CONCRETE BLOCK SUPPORT
- ⑬ WASHED PEA GRAVEL - 2 CF MINIMUM

E MASTER VALVE ASSEMBLY
WITH FLOW SENSOR NT9



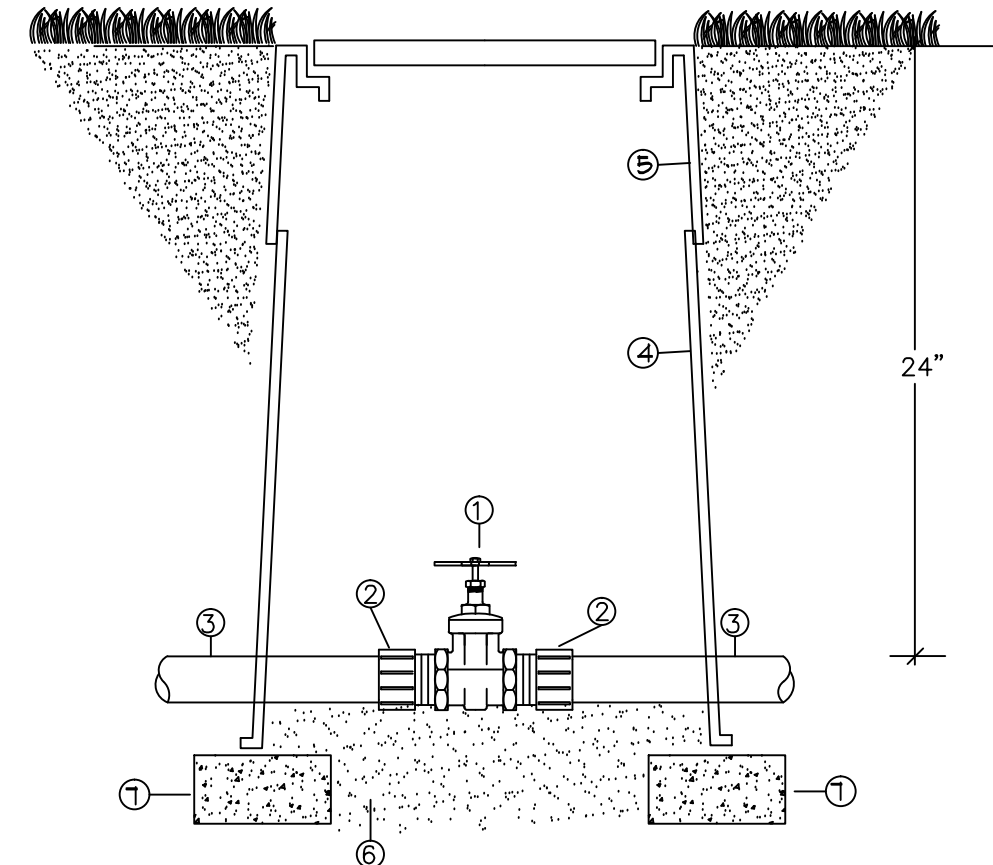
- ① BRASS GATE VALVE
- ② SCH 80 PVC NIPPLE (TBE) - 4' LENGTH
- ③ SCH 40 PVC STREET ELL (T X T)
- ④ CARSON 1/8" VALVE BOX W/ LID
- ⑤ VALVE BOX EXTENSIONS (AS REQUIRED)
- ⑥ WASHED PEA GRAVEL - 2 CF MINIMUM
- ⑦ 4' X 8' X 16" CONCRETE BLOCK SUPPORT
- ⑧ MAINLINE TEE

F MANUAL DRAIN VALVE ASSEMBLY NT9



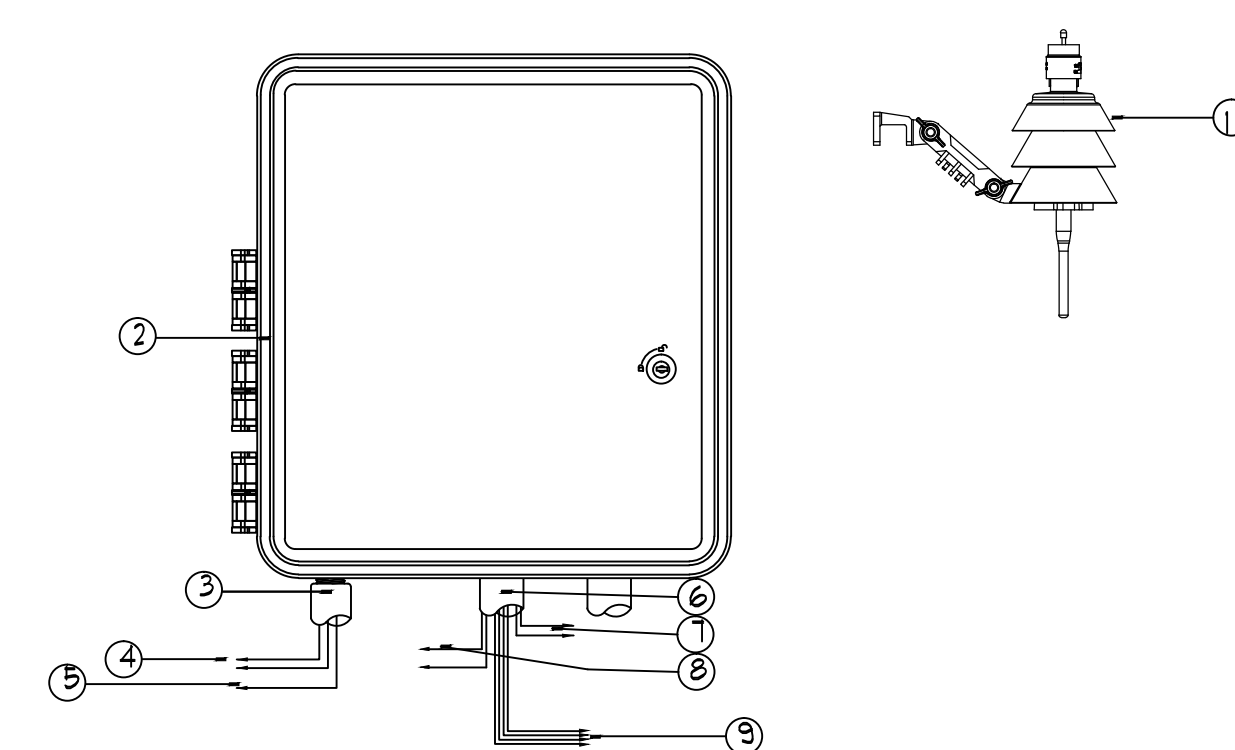
- ① QUICK COUPLING VALVE (SEE LEGEND)
- ② EXCALIBUR 1" X 6" FLEX NIPPLE
- ③ SCH 80 PVC THREADED COUPLING
- ④ LASCO GIT2-212 UNITIZED SWING JOINT
- ⑤ LATERAL PIPE (SEE LEGEND)
- ⑥ SCH 40 PVC LATERAL FITTING
- ⑦ CARSON 810 10" ROUND VALVE BOX
- ⑧ WASHED PEA GRAVEL - 1 CF MINIMUM
- ⑨ CLEAN COMPACTED BACKFILL
- ⑩ FINISH GRADE

G QUICK COUPLING VALVE ASSEMBLY
1" INLET NT9



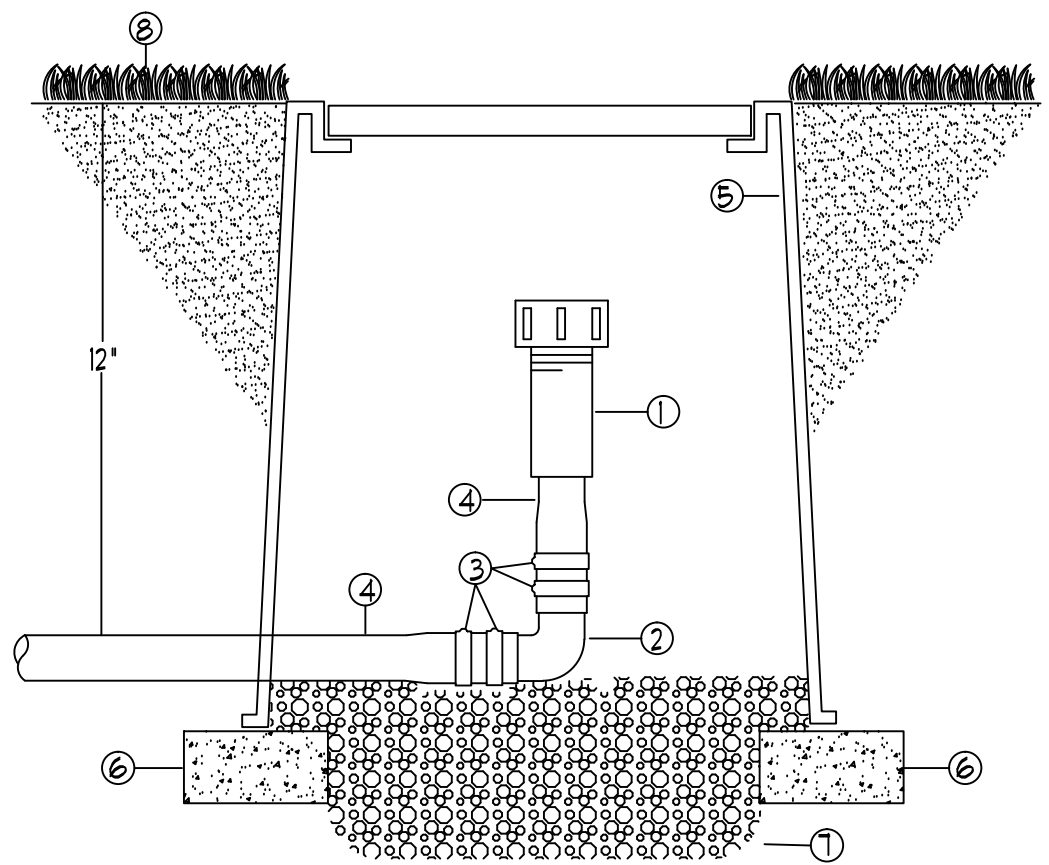
- ① BRASS GATE VALVE (SEE LEGEND)
- ② SCH 80 PVC MALE ADAPTER
- ③ MAINLINE PIPE (SEE LEGEND)
- ④ CARSON 1/8" VALVE BOX W/ LID
- ⑤ VALVE BOX EXTENSIONS (AS REQUIRED)
- ⑥ WASHED PEA GRAVEL - 2 CF MINIMUM
- ⑦ 4' X 8' X 16" CONCRETE BLOCK SUPPORT

H MAINLINE ISOLATION VALVE ASSEMBLY



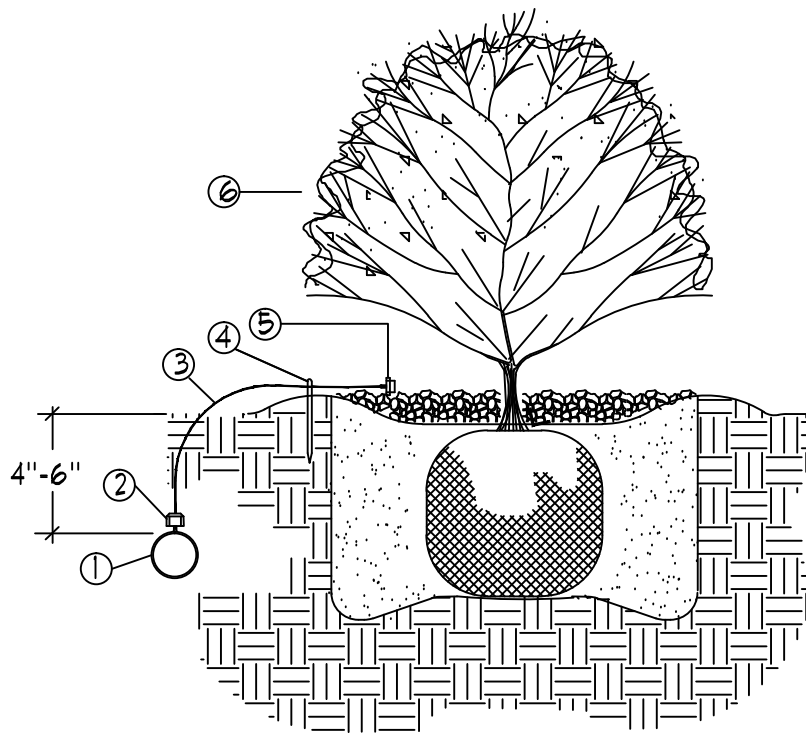
- 1. WIRELESS WEATHER SENSOR - SEE LEGEND
- 2. WALL MOUNT CONTROLLER - SEE LEGEND
- 3. CONDUIT 115V A.C.
- 4. POWER SUPPLY WIRES
- 5. GROUND WIRE
- 6. CONDUIT 24V A.C.
- 7. RAIN STAT WIRES
- 8. MASTER VALVE WIRE
- 9. 24V CONTROL VALVE WIRES

I WALL MOUNT CONTROLLER ASSEMBLY
WITH WIRELESS WEATHER SENSOR NT9



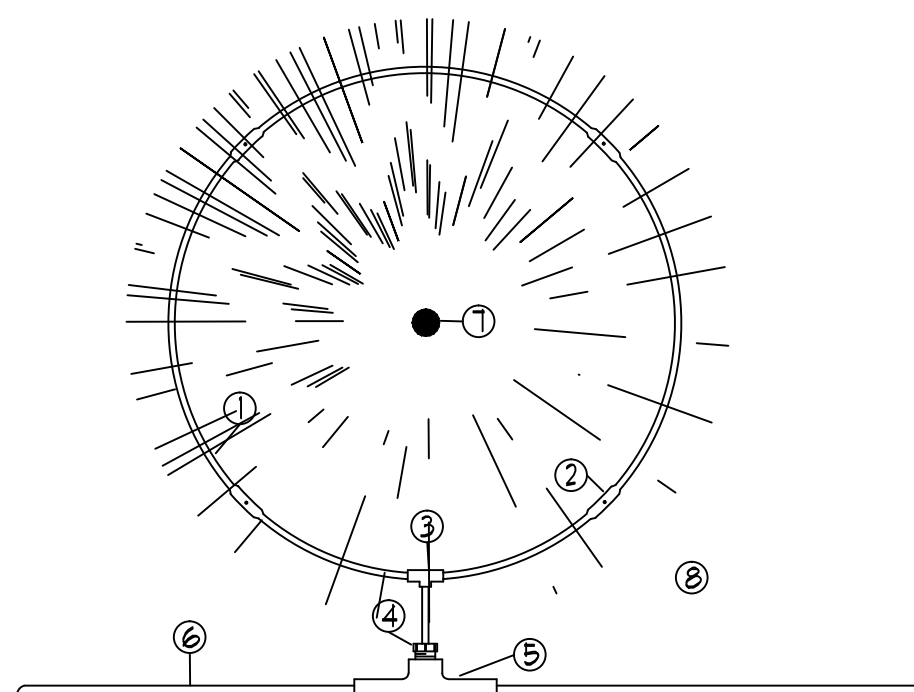
- ① 3/4" FLUSHABLE END CAP
- ② 3/4" INSERT 90 DEG ELBOW
- ③ STAINLESS STEEL PINCH CLAMP
- ④ 3/4" POLYETHYLENE DRIP TUBING
- ⑤ CARSON 1000 T-EGG VALVE BOX W/ VIOLET T-COVER
- ⑥ BRICK PAYER SUPPORT
- ⑦ FINISH GRADE
- ⑧ 1/2 CUBIC FT WASHED PEA GRAVEL

J FLUSHABLE END CAP ASSEMBLY NT9



- ① 3/4" POLYETHYLENE DRIPLINE TUBING
- ② DRIP EMITTER - SEE IRRIGATION LEGEND / NOTES
- ③ 1/4" DISTRIBUTION TUBING
- ④ 1/4" TUBING STAKE
- ⑤ BUG CAP - SEE IRRIGATION LEGEND / NOTES
- ⑥ TYPICAL PLANTING DETAIL - FOR REFERENCE ONLY. (SEE PLANTING PLANS)

K TYPICAL DRIP EMITTER PLACEMENT NT9



- ① LANDSCAPE DRIPLINE - 30" DIAMETER RING
- ② LANDSCAPE DRIPLINE EMITTER
- ③ COMPRESSION FITTING - TEE
- ④ 1/2" MIPT X INSERT MALE ADAPTER
- ⑤ SCH 40 PVC 1" X 1/2" REDUCING TEE
- ⑥ LATERAL DRIP FEEDER LINE
- ⑦ CENTER OF TREE OR SHRUB
- ⑧ CANOPY EDGE OF TREE OR SHRUB

NOTE: DRIPLINE FITTINGS BRAND MUST MATCH DRIPLINE TYPE

L TREE / SHRUB DRIP RING ASSEMBLY
PLAN VIEW NT9

ParkerWater
& SANITATION DISTRICT

Landscape/Irrigation Worksheet

Project Name: Boondocks Fun Center

Landscape/Irrigation Tap address (physical location of tap) Cottonwood Drive

Landscape Area	High Water TURF (6,000sf = 1 SFE)	Low Water Native Grass and Spray Shrubs & Perennials (10,000sf = 1 SFE)	Drip Irrigated area (20,000sf = 1 SFE)	Sub-Total of Non-Irrigated area (calculated) Areas	PWSD one SFE per 6000	SFE Requirement (Sub-Total Calculation divided by 6000 = requirement)
Area #1	27,131 sf x 1 = 27,131	2,086 sf x .6 = 2,086	23,614 sf x .3 = 7,084	6,280sf x 0 = 0	35,467 sf 6,000	5.91 SFE's

Worksheet Completed by: Doug Smith
 Company: Smith Irrigation Design, LLC
 Address: 9499 High Cliffs Street, Highlands Ranch, CO
 Phone #: 303-471-7377

Owner/Developer: _____
 Attn: _____
 Billing Address: _____
 Phone #: _____

ET Controller (with Rain Sensor)	
Manufacturer	Weathermatic Smartline w/ SLWS weather sensor
Model number	SLM48DM

Tap Size Requirements:

0 - 1 SFE's requires a 3/4-inch tap
 1.1 - 2.0 SFE's requires a 1-inch tap
 2.1 - 4.0 SFE's requires a 1 1/2-inch tap
 4.1 - 7.0 SFE's requires a 2-inch tap
 7.1 - 16.0 SFE's requires a 3-inch tap

Worksheet Completed by: Doug Smith
Company: Smith Irrigation Design, LLC
Address: 9499 High Cuffs Street, Highlands Ranch, CO
Phone #: 303-471-7377

Owner/Developer: _____
Attn: _____
Billing Address: _____
Phone #: _____

ET Controller (with Rain Sensor)
Manufacturer: Weathermatic Smartline w/ SLW5 weather sensor
Model number: SLM48DM

Tap Size Requirements:
0 - 1 SFE's requires a 3/4-inch tap
1.1 - 2.0 SFE's requires a 1-inch tap
2.1 - 4.0 SFE's requires a 1 1/2-inch tap
4.1 - 7.0 SFE's requires a 2-inch tap
7.1 - 16.0 SFE's requires a 3-inch tap

Prepared By: _____

Kirby Smith & Associates, Inc.
Land Planning/Design/Landscape Architecture
6801 So. Hudson Ct., Centennial, CO 80112
(303) 684-9444 FAX (303) 684-9672
Job # 409

Smith
IRRIGATION DESIGN, LLC
9608 HIGH CUFFS STREET, HIGHLANDS RANCH, CO 80129
PHONE 303-471-7377 WWW.SMITH-IRRIGATION.COM

CALL UTILITY NOTIFICATION
CENTER OF COLORADO
811
CALL 2 BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

REVISIONS	
DESCRIPTION	DATE
PKG STANDSTN SHR REV	7/17/15

OWNER
SELECT DEVELOPMENT & CONTRACTING, LLC
660 EAST FRANKLIN ROAD, MERIDIAN, ID 83642

PROJECT
Boondocks Fun Center
CROWN POINT DEVELOPMENT
PARKER, CO

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Peter H. Rockwell, Architect
Architecture Planning
595 S American Boulevard Boise, Idaho 83702
(208) 345-0566 (208) 345-1718 Fax (208) 387-0899
office@grbosc.com

DOUGLAS J. SMITH
Certified Irrigation Designer
CID
IRRIGATION ASSOCIATION
42773

CONSTRUCTION
DRAWINGS
IRRIGATION
DETAILS

SHEET DATA
DRAWN BY: DJS
CHECKED BY: DJS
SCALE: 1" = 20'
DATE: 5/29/15
PROJECT #: 14001

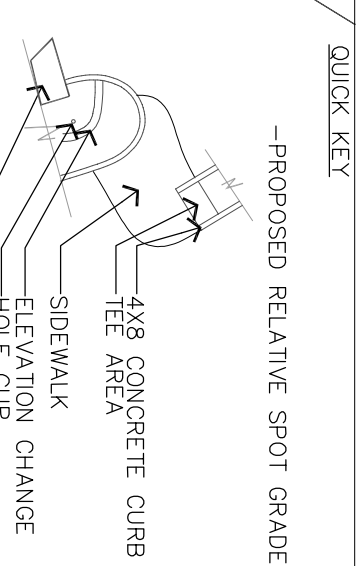
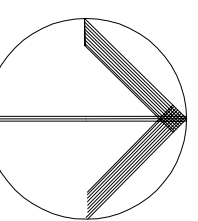
SHEET NUMBER
IR-4

CC# 6-8 White Fir 50'X20'-25'

- C&P 6 Colorado Spruce 60X25
 B&P 8 Broken Spruce 30X10
 P&G 6 Pion Pine 25 X 15
 A&S 6 Austrian Pine 50X10
 P&G 6 Potomac Pine 40X25
 H&S 5-7 Gal. Heaton Juniper 10X5
 S&A 5-7 Gal. Spartan Juniper 15X5
 H&L 10 Gal. Wichita Blue Juniper 20X5
 C&P Greenberry Maple 25X15
 M Imperial Locust 35X25
 S&A Shademaster Honeylocust 50X35
 B&A 25' Cell Burr Oak 70' X 50
 T&X Texas Rd Oak 50' X 40
 R&L Northern Red Oak 60X30
 E&L English Oak 50X40
 C&C Elm Maple 6 Comp #15 20X15
 A&C Thicket Alder 20X10
 C&T Goldenrain Tree 30X25
 P&P Prairie Tree 20X10
 T&C Thunderchild Crab 20X20
 S&S Scotch Lamb Brown 3X4
 B&S 50' Spanish Oak Brown 4X6
 E&C Dutch Elm 3X5
 E&C Dutch Elm 15' X 6
 S&P Blue Oak Juniper 10X6
 S&P Buffalo Juniper 12X6
 H&C Hedges Juniper 15X6
 C&C Old Oak Juniper 3X4
 C&P 5 Gal. Globe Spruce 3X4
 H&S 6 Gal. Stowmand Maple Pine 3X4
 H&S 6 Gal. Hops Maple Pine 5X6
 H&C Oregon Grape Holly 6X6
 T&C Compact Oregon Grass Holly 3X4-5
 M&E Niagara Kereps 15X2
 C&P Common Purple Liliac 15X5
 S&A Stagreen Juniper 8X6
 M&L Blue Rug Juniper 6X6
 C&P 5 Gal. Globe Spruce 2X2
 S&P Little Princess Pink Spruce 2X3
 M&S Neon Fish Spruce 3X3
 S&C Fanny Queen Spruce 3X3
 M&L Miss Kim Liliac 5X5
 C&P Common Purple Liliac 15X5
 C&S Stagreen Oldest Suncor 8X6
 M&S Korean Spruce 4 X 6
 I&V Blue Wren Vireonum 6X6
 D&P Dwarf American Cranberry 6X4
 M&E Knockout Red Rose 3X3
 C&P Conifer Magna 24-36 X24
 E&L English Burgundy 14-24 X12-24
 E&L English Lavender 12-18 X12-18
 C&P Goldcrest Redwood 30X24
 C&N Sierra May Magna 15X15
 C&P Feather Red Grass 5-6 X24
 A&C Blue Avena Grass 2X2
 P&P Nordic Grass Purple/Pine 3-4 X15-24
 R&C Red Switch Grass 3-4 X24-30
 L&C Little Bluestem 3-4 X2
 C&P 5000' Precinct Concrete Planters
 S&A 1000' Precinct Concrete Planters
 S&A 1000' Precinct Concrete Planters
 Impregated Turf (Kendall - Texas Hybrids and Water Features Fountains + Foss)

Scale: 1" = 20'

0' 10' 20' 30' North

[illegible]

WINNER CHANGES	2/16
SITE SUBMITTAL	3/11/07
OWN & GC REVISIONS	5/7/07
2. ISLAND REVISIONS	5/29/07
FINAL PKG. ISLAND REV	7/7/07

OWNER

SELECT
DEVELOPMENT
& CONTRACTING, LLC

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Bondicks
Fun Center
CROWN POINT DEVELOPMENT
PARKER CO.

PARKER, CO

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SITE PLAN
LANDSCAPE PLAN
(NORTH)



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Job # 409

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