IRRIGATION DESIGN BY:
Applied Design Services
9721 Bayou Ridge Trail
Parker, Colorado 80134
(303) 841-7077
Fax - 841-8191

SCALE 1"=20'-0"

NORTH

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

NEW 1" H.D.P.E. SIDR-15 FEEDER PIPE SERVING NEW TREES AND SHRUBS AROUND PARKING LOT. ALL INSERT FITTING TO PIPE CONNECTIONS ARE TO BE MADE UP WITH ALL STAINLESS STEEL BAND CLAMPS DOUBLE CLAMP ALL CONNECTIONS TYPICAL THROUGHOUT. PER DETAIL D/IR2.

NEW 1" H.D.P.E. SIDR-15 FEEDER PIPE SERVING NEW TREES AND SHRUBS AROUND PARKING LOT. ALL INSERT FITTING TO PIPE CONNECTIONS ARE TO BE MADE UP WITH ALL STAINLESS STEEL BAND CLAMPS DOUBLE CLAMP ALL CONNECTIONS TYPICAL THROUGHOUT. PER DETAIL D/IR2

NEW 3/4" H.D.P.E. POLYETHYLENE PURE CORE BLUE, SDR-7, 200 P.S.I. LISTED FOR POTABILITY PER ANSI/NSF STANDARD 61 DRINKING FOUNTAIN SERVICE LINE PIPE INSTALLED 24" DEEP WITH ALL BRASS COMPRESSION FITTINGS TYPICAL THROUGHOUT. PIPE TO BE SUPPLIED WITH NATURAL CORE, BLUE EXTERIOR AND (CTS) COPPER TUBE SIZE OUTSIDE DIAMETERS. AVAILABLE FROM P.W. PIPE OR APPROVED EQUAL. PER DETAILS D/IR2, A/IR4 AND B/IR4

NEW 1" H.D.P.E. SIDR-15 SUBMAIN WITH CONTROL WIRES (8 WIRES - 4 HOT, 1 COMMON, 2 SPARE 1 SPARE COMMON) FROM EXISTING CONTROLLER, PER DETAIL D/IR2

NEW CL-200 P.V.C. PIPE SLEEVE INSTALLED BY OPEN TRENCHING UNDER PROPOSED PAVEMENT TYPICAL ALL CROSSINGS. ALL SLEEVING IS 3". PER DETAIL C/IR2.

DRIPPER RING WITH FLUSH VALVE FOR TREES TYPICAL. PER DETAIL A/IR3.

DRINKING FOUNTAIN SUPPLY PIPE, WASTE PIPE AND DRAIN SUMP PER DETAILS D/IR2, A/IR4 & B/IR4.

DRIPPER TUBE WITH FLUSH VALVE AND INDICATOR HEAD FOR SHRUBS TYPICAL. PER DETAILS B/IR3 AND C/IR3.

EXISTING DRAIN VALVE PROTECT IN PLACE

EXISTING FLUSH VALVE PROTECT IN PLACE

EAST MAINSTREET

NOTE - CONTRACTOR SHALL BE RESPONSIBLE TO HAND WATER NATIVE SEED FOR ESTABLISHMENT PERIOD, ONE GROWING SEASON.

NEW S.I.D.R.-11.5 H.D.P.E. PIPE SLEEVE INSTALLED VIA DIRECTIONAL BORING UNDER EXISTING PAVEMENT TO REMAIN. ALL SLEEVING IS (2)3". PER DETAIL C/IR2.

EXISTING 1" CL-160 P.V.C. SECONDARY PIPE SERVING EXISTING DRIP FOR TREES PROTECT IN PLACE

EAST MAINSTREET

TIE ONTO CHARGED SIDE DROP LEG AND EXTEND NEW DRINKING FOUNTAIN SERVICE LINE PER DETAILS A/IR4 & B/IR4.

REMOVE ALL EXISTING LANDSCAPE & IRRIGATION WITHIN DASHED LIMITS SHOWN AND LOCATION AND REPLACE WITH ROCK.

EXISTING 1" ELECTRIC CONTROL VALVE SERVING EXISTING DRIP IRRIGATION TO TREES PROTECT IN PLACE.

EXISTING 3/4" WATER METER AND BACK FLOW ASSEMBLY SERVING EXISTING DRIP FOR NATIVE GRASS AND MULCH BED ON MEDIAN AND DRIP FOR TREES ON NORTH SIDE OF MAIN STREET AS SHOWN.

Parker Water and Sanitation District (PWSD)
Landscape/Irrigation Worksheet

Project Name: Town Of Parker - Harvie Open Space Park

Tap Address (location): Existing 3/4" median tap @ 23006.5 E. Mainstreet

Landscape Area	High Water Turf (6,000 sf=1 SFE)	Low Water Native and Spray shrubs and perennials (10,000 sf = 1 SFE)	Drip Irrigated (20,000 sf = 1 SFE)	Non Irrigated Area	Sub-total Areas	PW&S SFE	SFE Units
Area 1: Site Improvements	0.0 sf x 1 = 0.0 sf	0.0 sf x .6 = 0.0 sf	9,582.0 sf x .3 = 5,922.0 sf	0.0 sf x 0 = 0.0 sf	2,874.0 sf	Divided by 6000	= .48 SFE

Worksheet completed by: Mike Holweger

Company: Applied Design Services, L.L.C.

Address: 9721 Bayou Ridge Trail, Parker, Co. 80134

Phone #: (303) 841-7077

Owner/Developer: Town of Parker Colorado

Attn: Bob Exstrom

Billing Address: 20120 East Mainstreet, Parker Co. 80138

Phone #: (303) 805-3159

SFE TAKE OFF WAS CALCULATED AS FOLLOWS:

EXISTING DEMAND:
1,100 Sq. Ft. of drip irrigated native grass area.
1,200 Sq. Ft. of drip irrigated mulched shrub bed area.

PROPOSED / ADDITIONAL DEMAND:
Each new tree planted in the non-irrigated native grass area with a 25' mature diameter = 490 Sq. Ft., multiplied by .8 = 392 Sq. Ft. of drip irrigated area per tree, multiplied by 16 trees = 6,272 Sq. Ft. of drip irrigated area.
Total drip irrigated shrub beds = 1,010 Sq. Ft.

TOTAL EXISTING AND PROPOSED / ADDITIONAL DEMAND:
Total combined drip irrigated area = 9,582 Sq.Ft.

PRIOR TO INSTALLATION OF WATER METER, A COPY OF THE AS-BUILT IRRIGATION DESIGN MUST BE PROVIDED TO PARKER WATER AND SANITATION DISTRICT. THE ACTUAL SQUARE FOOTAGE OF IRRIGATED AREA FOR EACH TAP MUST ALSO BE SUBMITTED AFTER THE SYSTEM HAS BEEN INSTALLED.

THE IRRIGATION DESIGN MUST COMPLY WITH THE APPROVED PARKER WATER AND SANITATION DISTRICT WORK SHEET. IRRIGATION SYSTEM MUST BE DESIGNED AND INSTALLED TO PROVIDE WATER TO THE LANDSCAPES AS SPECIFIED ON THE WORKSHEET.

DESIGN REVISIONS/MODIFICATIONS DONE BY:

KDI HydroSystems
Irrigation Consulting & Water Management
13949 W. Colfax Ave, Suite 260 Lakewood, Colorado 80401
o: 303.980.5327 www.hydrosystemskdi.com

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HARVIE OPEN SPACE PARK

SITE PLAN SUBMITTAL

20120 East Main Street, Parker, CO 80138

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SHEET TITLE: IRRIGATION PLAN
SCALE: 1" = 20'-0"
SHEET NUMBER: IR1

IMAGES
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FILE NAME

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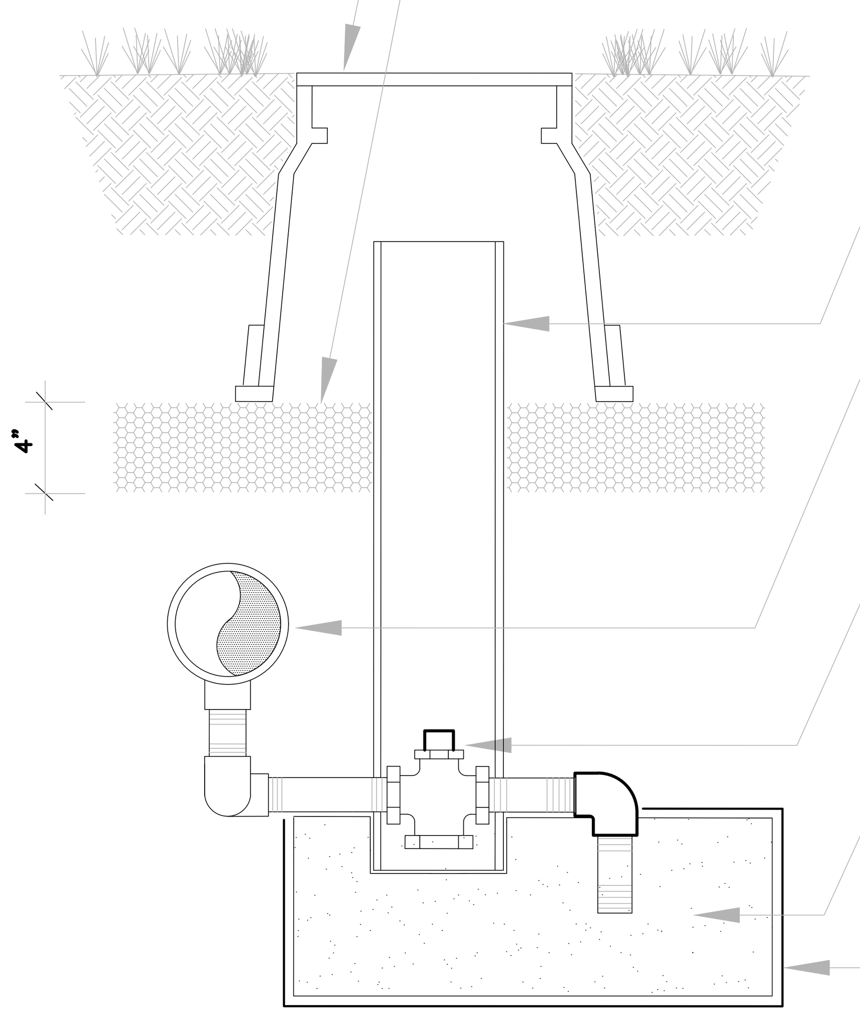


BRAND (DV) INTO VALVE BOX LID WITH 1" HIGH LETTERS MIN.

CARSON INDUSTRIES 10" ROUND VALVE BOX WITH BOLT DOWN T-COVER. SET TOP OF BOX LEVEL WITH AND AT ELEVATION OF COMPACTED THATCH GRADE OF ADJACENT TURF OR SURFACE OF MULCH.

3/4" CRUSHED GRANITE COMPACTION AND LEVELING BED COMPACTED TO 95% M.P.D PER ASTM D-1557.

CL-200 P.V.C. VALVE STACK 4". EXTEND STACK 3" ABOVE SURFACE OF GRAVEL AND PROVIDE 3" CLEAR BETWEEN TOP OF STACK AND UNDERSIDE OF VALVE BOX LID. STACK TO BE SLOTTED TO SLIP OVER DRAIN VALVE ASSEMBLY AND EXTEND 3" BELOW DRAIN VALVE.

CL-200, SDR-21 P.V.C. B.E. IRRIGATION MAINLINE WITH SCHEDULE 40 P.V.C. SLIP AND SCHEDULE 80 M.I.P.T. AND F.I.P.T. FITTINGS SEE IRRIGATION EQUIPMENT LEGEND FOR BURY DEPTH AND SIZE.

DRAIN VALVE, AY MC DONALD 3061 CYLINDER PATTERN 3/4".

DRAIN ASSEMBLY TO BE CONSTRUCTED ENTIRELY OUT OF SCH80 P.V.C. NIPPLES (LENGTH AS REQUIRED) AND SCH80 P.V.C. 90'S. ALL FITTINGS TO MATCH F.I.P. DIMENSION OF VALVE.

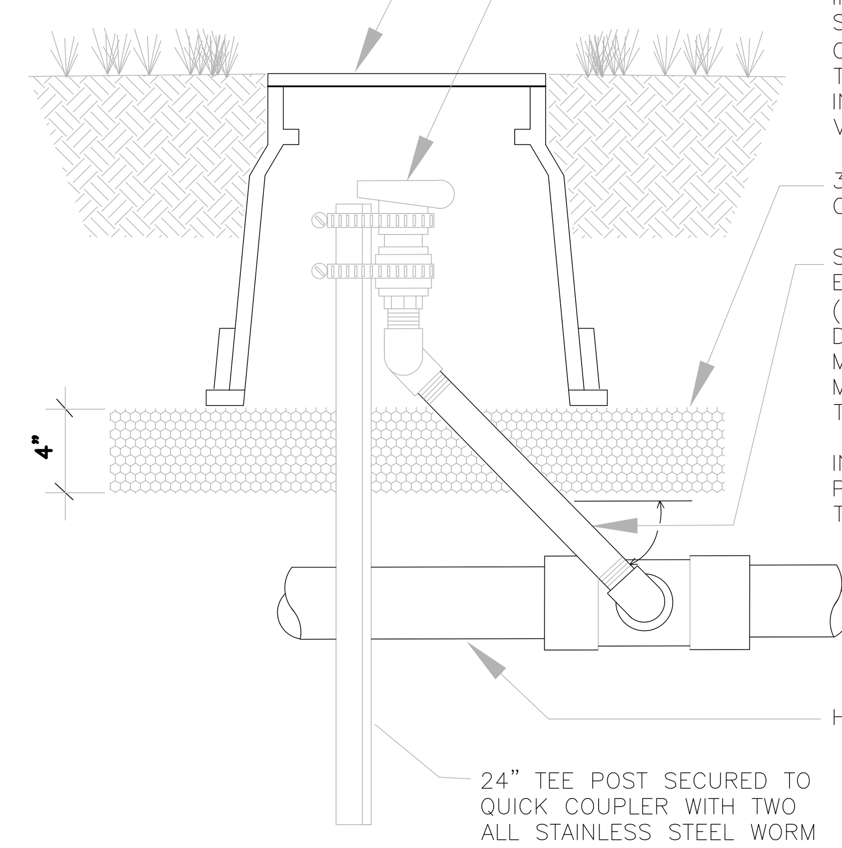
DRAIN SUMP 3.0 CU. FT. OF 3/4" WASHED ROCK.

EXTEND VERTICAL DISCHARGE NIPPLE INTO DRAIN SUMP A MINIMUM OF 3".

EXTEND 3/4" CRUSHED ROCK COMPACTION AND LEVELING BED 6" BEYOND PERIMETER OF VALVE BOX IN ALL DIRECTIONS.

WRAP GRAVEL SUMP IN MIRAFI-140 N FILTER FABRIC.

A MANUAL DRAIN VALVE
IR2 NO SCALE



BRAND (QC) INTO VALVE BOX LID WITH 1" HIGH LETTERS MIN.

CARSON INDUSTRIES 10" ROUND VALVE BOX WITH BOLT DOWN T-COVER. SET TOP OF BOX LEVEL WITH AND AT ELEVATION OF COMPACTED THATCH GRADE OF ADJACENT TURF OR SURFACE OF MULCH.

RAIN BIRD 44RC QUICK COUPLING VALVE. SEE IRRIGATION EQUIPMENT LEGEND FOR KEY AND SWIVEL. SET BOTTOM OF VALVE ABOVE SURFACE OF COMPACTED GRAVEL AND PROVIDE 3" CLEAR BETWEEN TOP OF VALVE AND UNDERSIDE OF VALVE BOX LID. INSURE THAT HANDLE ON QUICK COUPLER WILL CLEAR VALVE BOX IN ALL DIRECTIONS.

3/4" CRUSHED ROCK COMPACTION AND LEVELING BED COMPACTED TO 95% M.P.D. PER ASTM D-1557.

SWING JOINT ASSEMBLY TO BE CONSTRUCTED ENTIRELY OUT OF SCHEDULE 80 P.V.C. NIPPLES (LENGTH AS REQ.) AND SCHEDULE 80 P.V.C. 90 DEGREE FITTINGS. ALL FITTINGS AND NIPPLES TO MATCH F.I.P. DIMENSION OF VALVE. DOUBLE WRAP ALL MALE THREADS WITH TEFLON TAPE. NIPPLE ANGLE TO BE 10 DEGREES MIN. AND 45 DEGREES MAX.

INSTALL SWING JOINT SUCH THAT DOWNWARD PRESSURE ON VALVE WILL TIGHTEN FITTING THREADED INTO MAIN LINE TEE.

EXTEND 3/4" CRUSHED ROCK COMPACTION AND LEVELING BED 6" BEYOND PERIMETER OF VALVE BOX IN ALL DIRECTIONS.

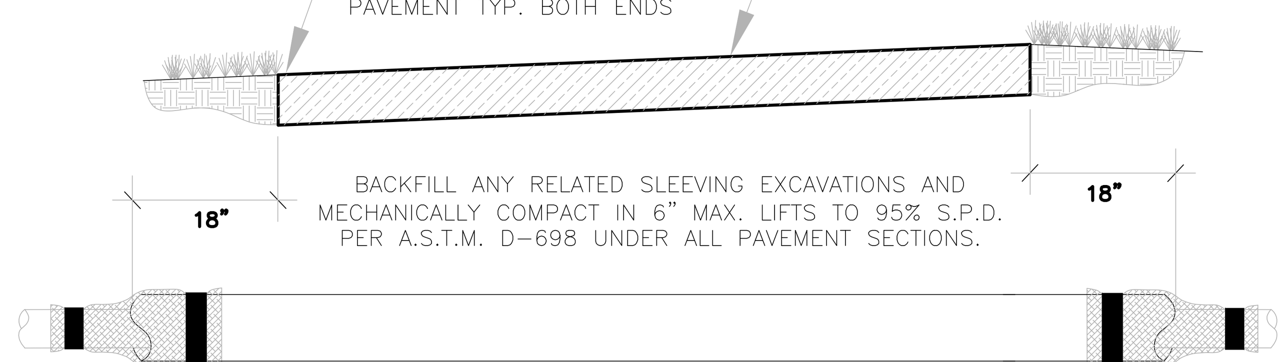
HDPE DRINKING FOUNTAIN SERVICE LINE.

24" TEE POST SECURED TO QUICK COUPLER WITH TWO ALL STAINLESS STEEL WORM GEAR BAND CLAMPS

B QUICK COUPLER VALVE
IR2 NO SCALE

MARK SLEEVE LOCATIONS WITH 3" BY 3" SAWED CROSS IN PAVEMENT TYP. BOTH ENDS

PAVEMENT SECTION TYP.



BACKFILL ANY RELATED SLEEVING EXCAVATIONS AND MECHANICALLY COMPACT IN 6" MAX. LIFTS TO 95% S.P.D. PER A.S.T.M. D-698 UNDER ALL PAVEMENT SECTIONS.

DEPTH OF SLEEVES TO MATCH SPECIFIED DEPTH OF PIPE OR WIRE OR DEEPER IF REQUIRED TO AVOID SUB-SURFACE UTILITIES OR SURFACE HEAVING. WHEN SLEEVES ARE INSTALLED ADJACENT TO ONE ANOTHER THEY ARE TO BE PLACED SIDE BY SIDE NEVER STACKED

END SEAL MIRAFI 140-N TAPED IN PLACE

END SEAL MIRAFI 140-N TAPED IN PLACE

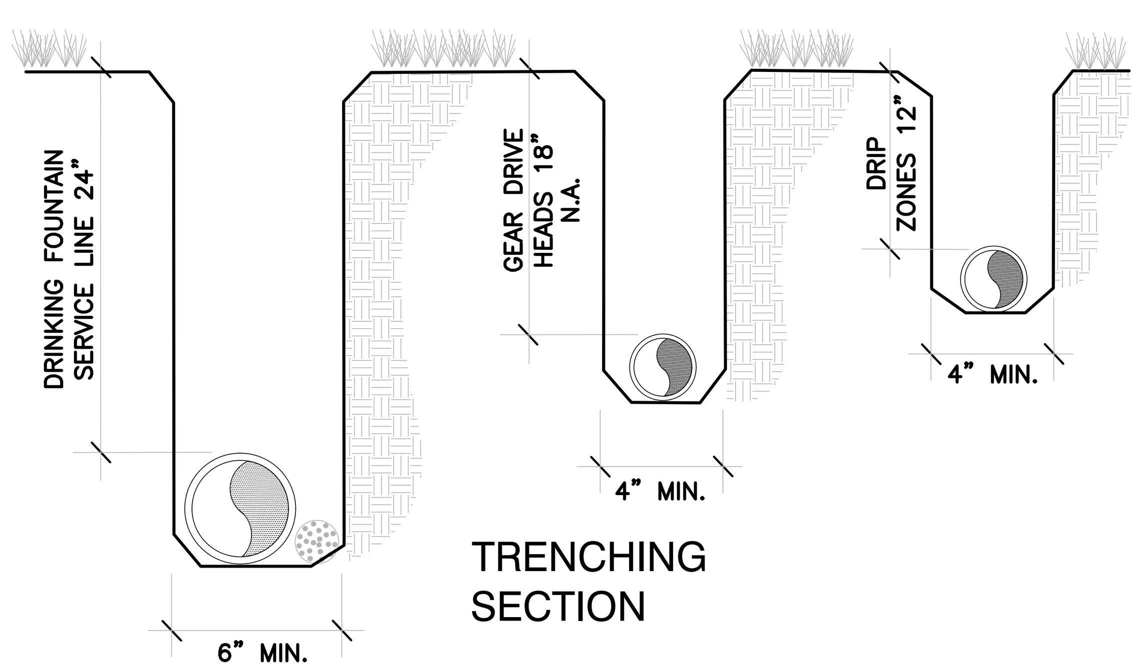
SLEEVING SHALL BE S.I.D.R.-11.5 H.D.P.E. INSTALLED BY DIRECTIONAL BORING UNDER EXISTING ASPHALT OR CONCRETE PAVEMENT IF REQUIRED AND CL-200 P.V.C. INSTALLED BY OPEN TRENCHING UNDER PROPOSED ASPHALT OR CONCRETE PAVEMENT. ALL SLEEVES ARE 3".

SLEEVING WILL BE MEASURED FROM THE POINT WHERE THE MAINLINE PIPE, SECONDARY PIPE OR WIRE ENTER THE SLEEVE (AT THE SPECIFIED DEPTH) TO THE POINT WHERE THE MAINLINE PIPE, SECONDARY PIPE OR WIRE EXIT THE SLEEVE (AT THE SPECIFIED DEPTH). ANY ADDITIONAL PIPE OR BORING REQUIRED TO ACHIEVE THE SPECIFIED PIPE AND OR WIRE DEPTH AND ANY ADDITIONAL PIPE OR BORING REQUIRED TO RETURN TO THE SURFACE INCLUDING ANY AND ALL PULL PIPE WILL BE CONSIDERED AS A SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER THE CONTRACT UNIT PRICE FOR SLEEVING AND WILL NOT BE PAID FOR SEPARATELY.

ALL SURFACE RESTORATION (REQUIRED BY BORING AND SLEEVING OPERATIONS) INCLUDING BACKFILL, COMPACTION, FINE GRADE AND SOD PATCH OR NATIVE SEEDING WILL BE CONSIDERED AS A SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER THE CONTRACT UNIT PRICE FOR SLEEVING AND WILL NOT BE PAID FOR SEPARATELY.

ADJUST SLEEVING DEPTH AS REQUIRED TO AVOID SUBSURFACE UTILITIES AND OR TO AVOID SURFACE HEAVING. ANY ADDITIONAL PIPE OR BORING REQUIRED TO CARRY SLEEVING DEEPER WILL BE CONSIDERED AS A SUBSIDIARY OBLIGATION OF THE CONTRACTOR UNDER THE CONTRACT UNIT PRICE FOR SLEEVING AND WILL NOT BE PAID FOR SEPARATELY.

C IRRIGATION SLEEVING
IR2 NO SCALE



TRENCHING SECTION

TRENCH DEPTH ARE MINIMUMS WITH A MAXIMUM OVER EXCAVATION OF 2". ALL TRENCHES ARE TO BE CLEANED WITH "CRUMBER" ATTACHMENT OR BY HAND PRIOR TO INSTALLING PIPE PROVIDING A SMOOTH AND UNIFORM BEDDING SURFACE. REMOVE ANY EXPOSED ROCK OR DEBRIS FROM TRENCH BOTTOM OR WALLS PRIOR TO INSTALLING PIPE AND OR WIRE.

ALL DRINKING FOUNTAIN SERVICE LINE TRENCHES AND RELATED EXCAVATIONS SHALL BE MECHANICALLY COMPACTED IN 8" LIFTS MAXIMUM. TO 90% S.P.D. PER ASTM D-698 IN ALL LANDSCAPE AREAS.

SECONDARY PIPING CAN BE MECHANICALLY OR HYDRAULICALLY COMPACTED TO MATCH THE DENSITY OF ADJACENT UNDISTURBED SOIL.

BACKFILL, COMPACTION, FINE GRADE AND SURFACE RESTORATION INCLUDING FINE GRADE AND CLEAN UP MUST BE ONGOING THROUGHOUT CONSTRUCTION. NO MORE THAN THREE SECONDARY ZONES AND 200 LIN. FT. OF MAINLINE TRENCH CAN BE OPENED UP AT ONE TIME. NO ADDITIONAL SECONDARY OR MAINLINE TRENCHING WILL BE AUTHORIZED UNTIL THE BACKFILL, COMPACTION AND RESTORATION OF CURRENTLY OPEN TRENCHES AND RELATED EXCAVATIONS IS IN PROGRESS.
ALL OPEN EXCAVATIONS MUST BE PROTECTED IN CONFORMANCE WITH O.S.H.A. REGULATIONS.

D IRRIGATION TRENCHING
IR2 NO SCALE

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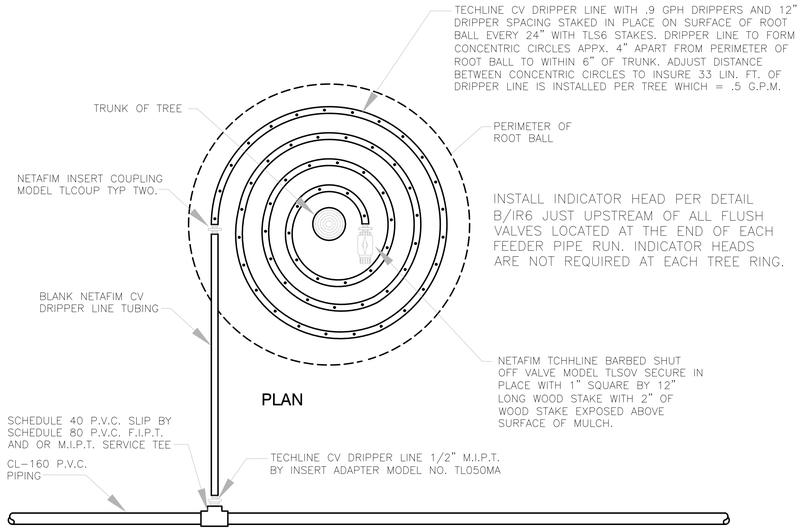
HARVIE OPEN SPACE PARK
SITE PLAN SUBMITTAL
20120 East Main Street, Parker, CO 80138

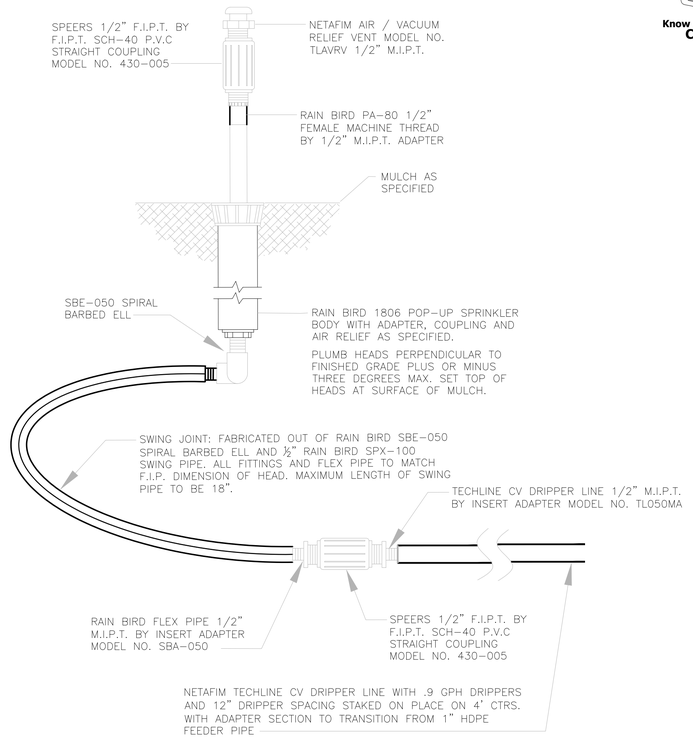
PROJECT NUMBER: 17279.00 DATE: 07.15.2022
DESIGNED: MEH
DRAWN: MEH
CHECKED: MEH
REVISIONS:
FINAL PLAN DATE: 11.22.2021
JOB DESCRIPTION: SITE PLAN SUBMITTAL
SHEET TITLE: IRRIGATION DETAILS
SHEET NUMBER: IR2

IRRIGATION DESIGN BY:
Applied Design Services
9721 Bayou Ridge Trail
Parker, Colorado 80134
(303) 841-7077
Fax - 841-8191



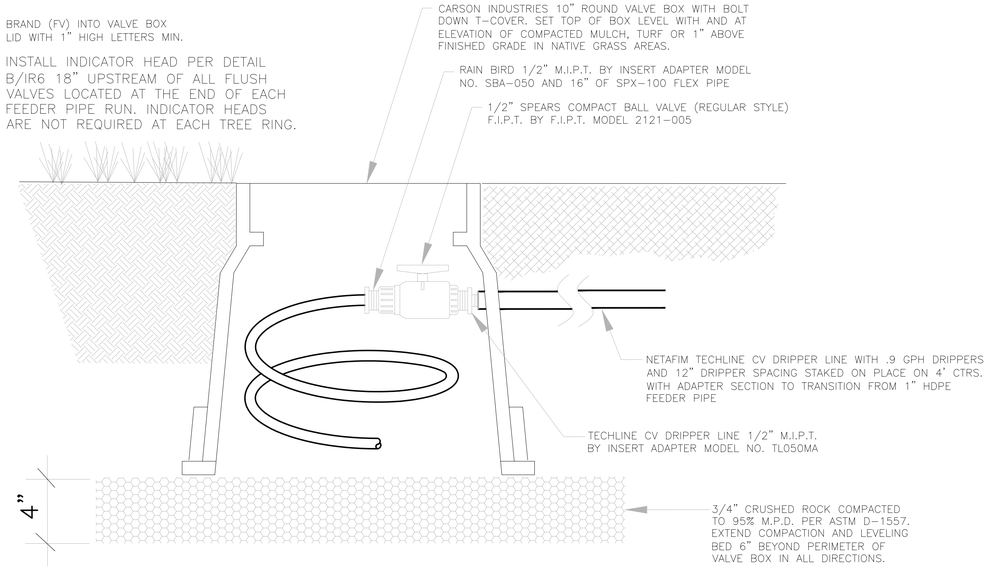
A IR3 CV DRIPPER LINE WITH FLUSH VALVE INSTALLATION FOR TREE IRRIGATION IN NATIVE AND MULCH AREAS

NO SCALE



B IR3 INDICATOR HEAD FOR NETAFIM CV DRIPPER LINE ZONES

NO SCALE



C IR3 CV DRIPPER LINE FLUSH VALVE INSTALLATION FOR DRIPPER TUBE RUNS

NO SCALE

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SHEET TITLE: IRRIGATION DETAILS
SHEET NUMBER: IR3

IMAGES
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FILE NAME

IRRIGATION DESIGN BY:
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Parker, Colorado 80134
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811 Know what's **below** **Call** before you dig.

BACK FLOW ENCLOSURE AND SETTER SPECIFICATION:
INSTALL ONE GUARD SHACK ENCLOSURE WITH ENCLOSURE SETTER AND FROST GUARD FOR DRINKING FOUNTAIN BACK FLOW ASSEMBLY.

NEW 120 VOLT POWER SUPPLY WITH DUPLEX RECEPTACLE FOR HEAT TAPE INSTALLATION. SEE E.E. PLANS FOR COMPLETE REQUIREMENTS AND COORDINATE WORK WITH ELECTRICAL CONTRACTOR ON SITE. TYP BOTH BACK FLOW ASSEMBLIES.

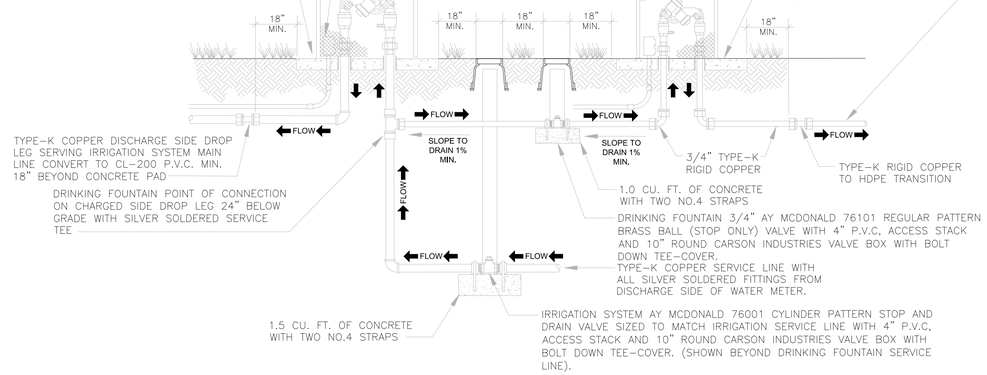
SIX INCH THICK 3500 PSI CONCRETE EXTENDING 12" BEYOND NEW BACK FLOW ENCLOSURE ON ALL FOUR SIDES. SLOPE SLAB AT 1/4" PER 1' AWAY FROM ENCLOSURE ON ALL FOUR SIDES. SET TOP OF SLAB 1" ABOVE ADJACENT FINISHED GRADE. SLEEVE DROP LEGS IN CL-200 PVC. TWO PIPE DIA. LARGER THAN SERVICE LINE. PROVIDE MEDIUM BROOM FINISH.

IRRIGATION SYSTEM CROSS CONNECTION CONTROL DEVICE FEBCO 825YA ANGLE PATTERN HIGH HAZARD REDUCED PRESSURE BACK FLOW ASSEMBLY SHOWN DIAGRAMMATICALLY.

DRINKING FOUNTAIN CROSS CONNECTION CONTROL DEVICE FEBCO 825YA ANGLE PATTERN HIGH HAZARD REDUCED PRESSURE BACK FLOW ASSEMBLY 3/4". WITH GUARD SHACK ENCLOSURE.

NEW 3/4" PE-AL-PE Q-LINE COMPOSITE TUBING BY IPEX PER C903, CSA B137.9 AND ASTM F1282 200 PSI WITH ALL BRASS SERVICE FITTINGS PER AWWAC800. DRINKING FOUNTAIN SERVICE LINE PIPE INSTALLED 24" DEEP.

CONCRETE PAD PER NOTE THIS SHEET



TYPE-K COPPER DISCHARGE SIDE DROP LEG SERVING IRRIGATION SYSTEM MAIN LINE CONVERT TO CL-200 P.V.C. MIN. 18" BEYOND CONCRETE PAD

DRINKING FOUNTAIN POINT OF CONNECTION ON CHARGED SIDE DROP LEG 24" BELOW GRADE WITH SILVER SOLDERED SERVICE TEE

3/4" TYPE-K RIGID COPPER

TYPE-K RIGID COPPER TO HDPE TRANSITION

1.0 CU. FT. OF CONCRETE WITH TWO NO.4 STRAPS

DRINKING FOUNTAIN 3/4" AY MCDONALD 76101 REGULAR PATTERN BRASS BALL (STOP ONLY) VALVE WITH 4" P.V.C, ACCESS STACK AND 10" ROUND CARSON INDUSTRIES VALVE BOX WITH BOLT DOWN TEE-COVER.

TYPE-K COPPER SERVICE LINE WITH ALL SILVER SOLDERED FITTINGS FROM DISCHARGE SIDE OF WATER METER.

1.5 CU. FT. OF CONCRETE WITH TWO NO.4 STRAPS

IRRIGATION SYSTEM AY MCDONALD 76001 CYLINDER PATTERN STOP AND DRAIN VALVE SIZED TO MATCH IRRIGATION SERVICE LINE WITH 4" P.V.C, ACCESS STACK AND 10" ROUND CARSON INDUSTRIES VALVE BOX WITH BOLT DOWN TEE-COVER. (SHOWN BEYOND DRINKING FOUNTAIN SERVICE LINE).

DRINKING FOUNTAIN POINT OF CONNECTION

NO SCALE

DETAIL No.22

NEW 3/4" AY MCDONALD 76001 BALL PATTERN STOP AND WASTE VALVE WITH 4" P.V.C, ACCESS STACK AND 10" ROUND CARSON IND. VALVE BOX WITH BOLT DOWN TEE-COVER.

15'0" MIN.

HIGH LOW BARRIER FREE DRINKING FOUNTAIN MOST DEPENDABLE FOUNTAINS MODEL 2440 SMSS. HIGH LOW BARRIER FREE DRINKING FOUNTAIN WITH OPTIONAL BOTTLE FILLER SECURED TO CONCRETE SLAB PER MANUFACTURER'S RECOMMENDATIONS. SUPPLIED WITH SEASONAL COVERS FOR ALL FIXTURES. COLOR GREEN.

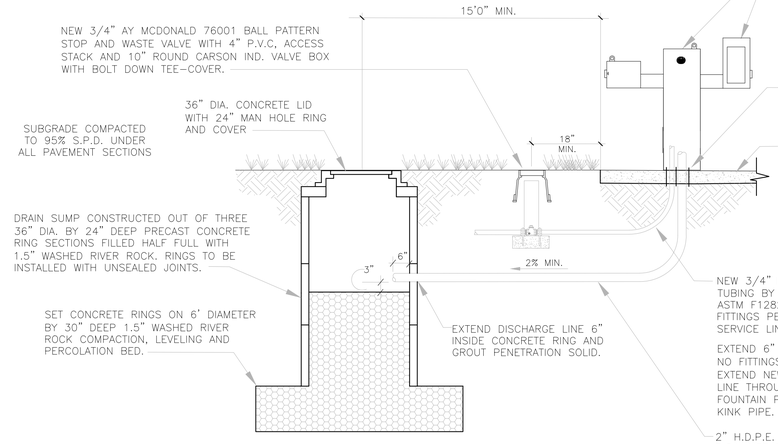
36" DIA. CONCRETE LID WITH 24" MAN HOLE RING AND COVER

SUBGRADE COMPACTED TO 95% S.P.D. UNDER ALL PAVEMENT SECTIONS

18" MIN.

SLEEVE SERVICE AND WASTE PIPING THROUGH SLAB IN CL-200 P.V.C. SLEEVES TWO PIPE DIA. LARGER THAN SERVICE AND WASTE PIPING

CONCRETE PAD SECTION AND MIX TO MATCH TRAIL. PER LANDSCAPE DRAWINGS.



DRAIN SUMP CONSTRUCTED OUT OF THREE 36" DIA. BY 24" DEEP PRECAST CONCRETE RING SECTIONS FILLED HALF FULL WITH 1.5" WASHED RIVER ROCK. RINGS TO BE INSTALLED WITH UNSEALED JOINTS.

SET CONCRETE RINGS ON 6' DIAMETER BY 30" DEEP 1.5" WASHED RIVER ROCK COMPACTION, LEVELING AND PERCOLATION BED.

EXTEND DISCHARGE LINE 6" INSIDE CONCRETE RING AND GROUT PENETRATION SOLID.

NEW 3/4" PE-AL-PE Q-LINE COMPOSITE TUBING BY IPEX PER C903, CSA B137.9 AND ASTM F1282 200 PSI WITH ALL BRASS SERVICE FITTINGS PER AWWAC800. DRINKING FOUNTAIN SERVICE LINE PIPE INSTALLED 24" DEEP.

EXTEND 6" ABOVE SURFACE OF CONCRETE WITH NO FITTINGS. MINIMUM RADIUS ON BENDS IS 24". EXTEND NEW 3/4" DRINKING FOUNTAIN SERVICE LINE THROUGH SLEEVE AND CONNECT TO FOUNTAIN PER MANUFACTURER'S REC. DO NOT KINK PIPE.

2" H.D.P.E. POLYETHYLENE 3408 SIDR-15, 100 P.S.I. NSF DRINKING FOUNTAIN DISCHARGE LINE INSTALLED 40" DEEP. EXTENDED 6" ABOVE SURFACE OF CONCRETE WITH NO FITTINGS. TIE ONTO DISCHARGE LINE AND EXTEND INTO DRAIN SUMP. DO NOT KINK PIPE.

DRINKING FOUNTAIN SERVICE LINE AND DISCHARGE SUMP SECTION

NO SCALE

DETAIL No.23

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SHEET NUMBER: IR4

IMAGES

XREFS
17279 - TEC - 24x36 (1:1)(20-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - TEC - 24x36 - 07.15.22.dwg)
17279 - E-BASE (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - E-BASE.dwg)
17279 - E-BASE (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - E-BASE.dwg)
17279 - MDP-Model (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - MDP-Model.dwg)
17279 - - - - - - (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - - - - - - .dwg)
17279 - - - - - - (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - - - - - - .dwg)
17279 - Landscape (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - Landscape.dwg)
17279 - Irrigation (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - Irrigation.dwg)
17279 - Horse_Design (1:\1420-1499 dwg)(1499-Harvie Open Space\Work\3-24-22\Work\17279 - Horse_Design.dwg)

FILE NAME
P:\DHM Design Dropbox\1499-Harvie Open Space\Work\1499-Harvie Open Space-IR-Dtls Plot-IR7.dwg
PLOT DATE: 11.22.2021 - 4:41 PM - MEH