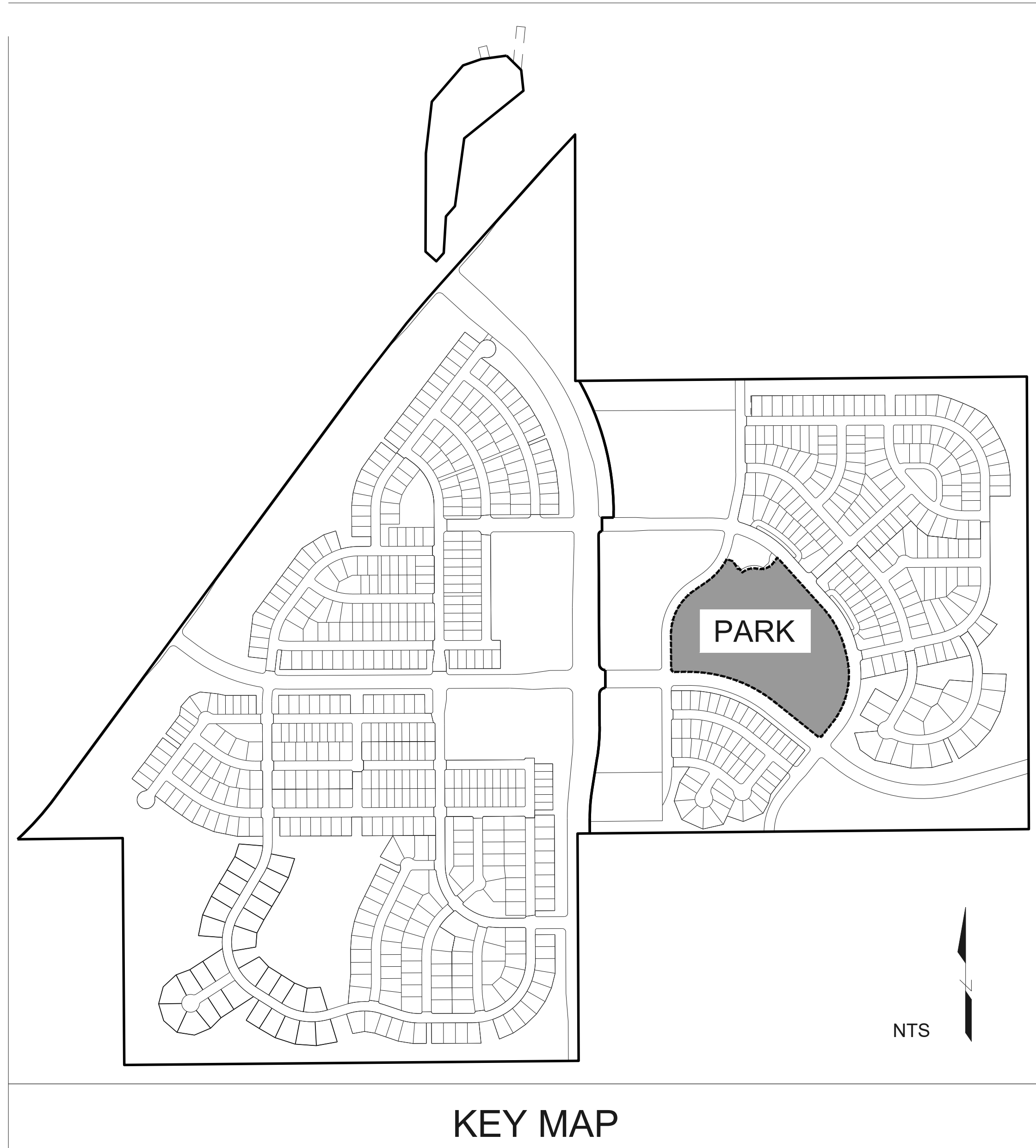
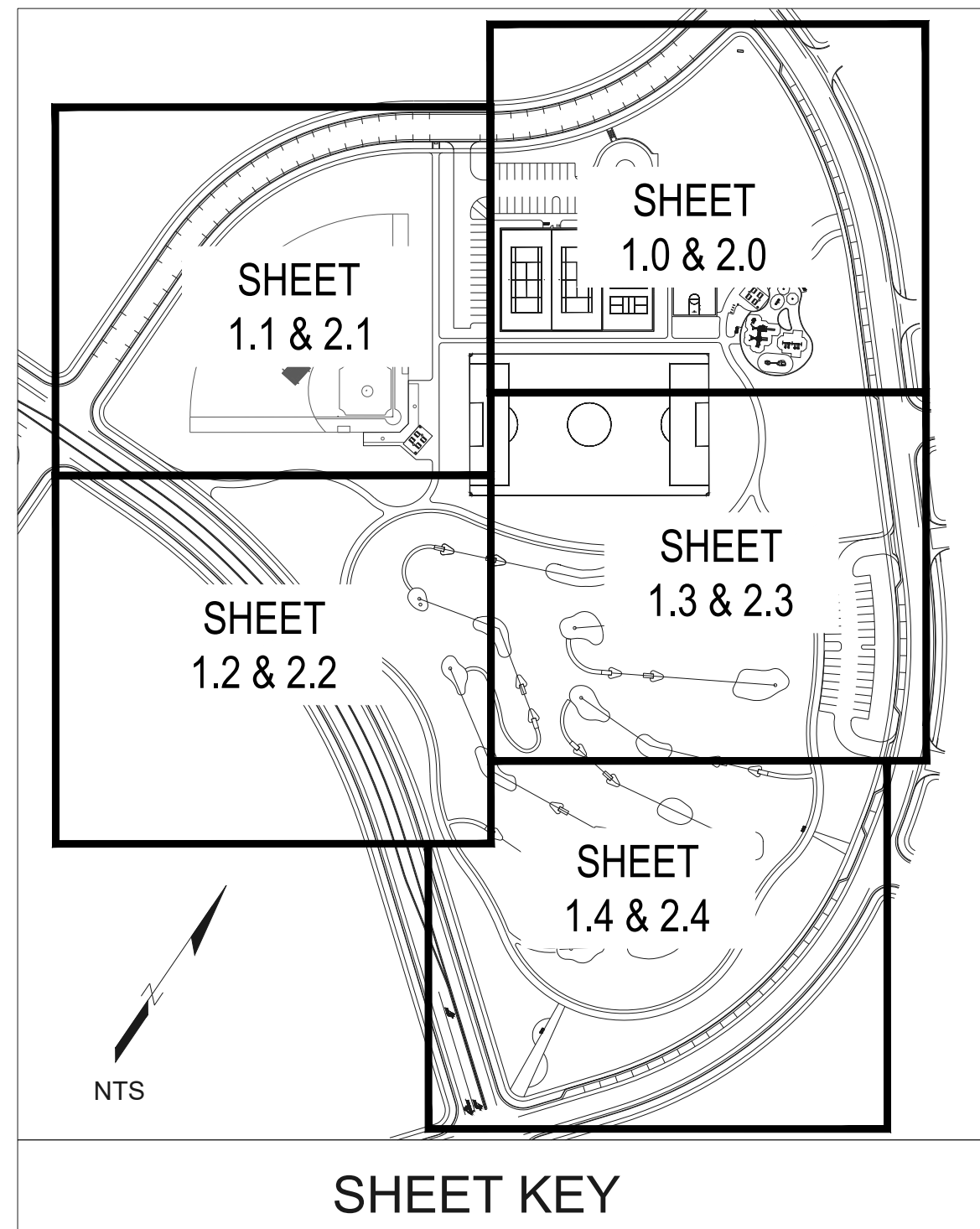
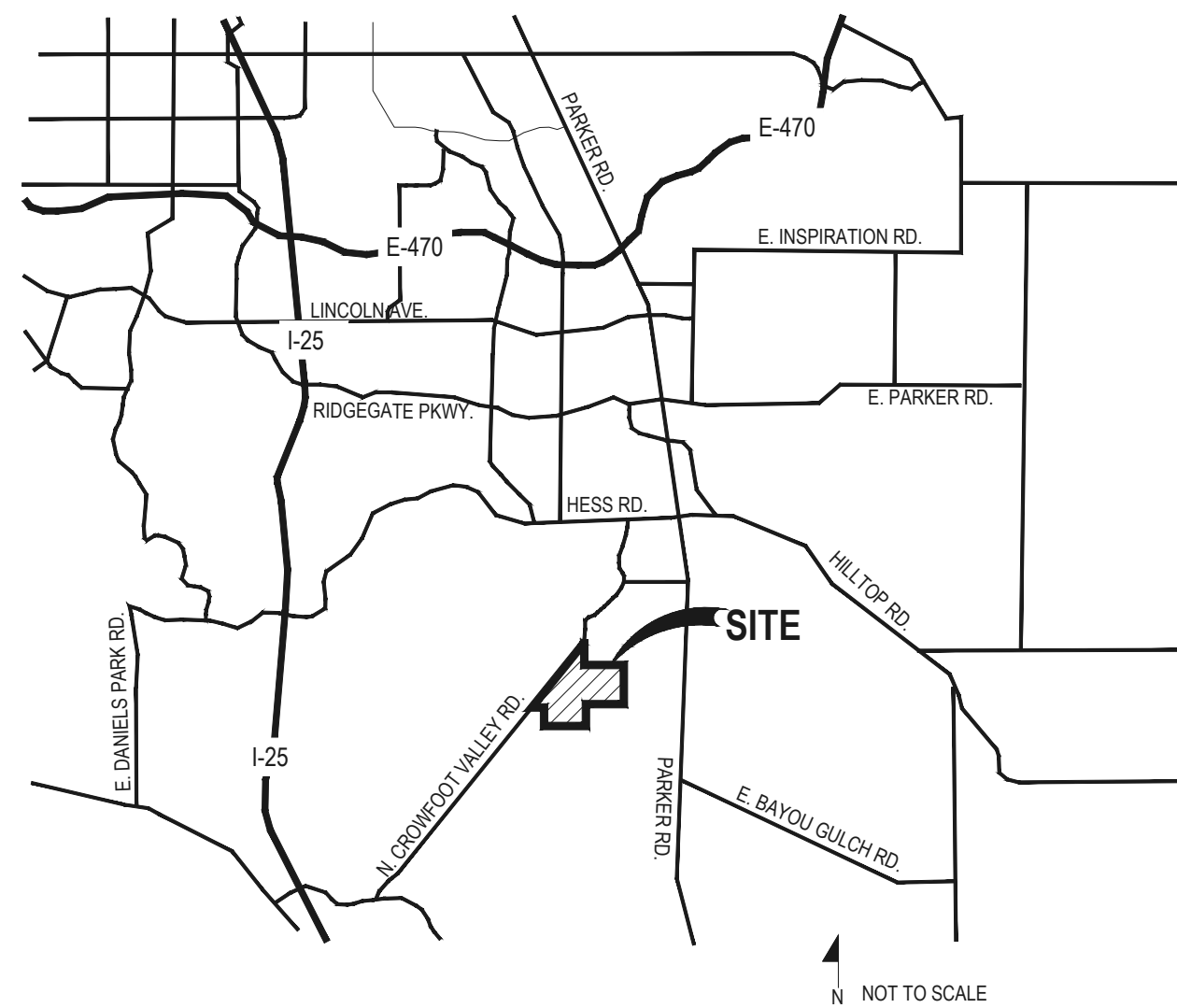


TRAILS AT CROWFOOT

FILING NO. 1 FINAL PARK PLANS



VICINITY MAP



Sheet Number	Sheet Title
L0.0	LANDSCAPE COVER SHEET
L0.1	LANDSCAPE NOTES & PLANT SCHEDULE
L0.2	OVERALL SITE & LANDSCAPE PLAN
L0.3	HORIZONTAL CONTROL PLAN
L0.4	OVERALL GRADING PLAN
L0.5	STORM PLAN
L1.0	AMENITIES PLAN
L1.1	AMENITIES PLAN
L1.2	AMENITIES PLAN
L1.3	AMENITIES PLAN
L1.4	AMENITIES PLAN
L2.0	LANDSCAPE PLAN
L2.1	LANDSCAPE PLAN
L2.2	LANDSCAPE PLAN
L2.3	LANDSCAPE PLAN
L2.4	LANDSCAPE PLAN
L3.0	LANDSCAPE DETAILS
L3.1	LANDSCAPE DETAILS
L3.2	LANDSCAPE DETAILS
L3.3	LANDSCAPE DETAILS
L3.4	LANDSCAPE DETAILS
L3.5	LANDSCAPE DETAILS
L3.6	LANDSCAPE DETAILS
L3.7	LANDSCAPE DETAILS
L3.8	LANDSCAPE DETAILS
IR1.0	IRRIGATION LEGEND AND NOTES
IR1.1	IRRIGATION TAP WORKSHEETS
IR1.2	IRRIGATION PLAN
IR1.3	IRRIGATION PLAN
IR1.4	IRRIGATION PLAN
IR1.5	IRRIGATION PLAN
IR1.6	IRRIGATION PLAN
IR2.1	IRRIGATION DETAILS
IR2.2	IRRIGATION DETAILS
IR2.3	IRRIGATION DETAILS
IR2.4	IRRIGATION DETAILS

SYMBOLS & ABBREVIATIONS

AC = ACRE	EXP. = EXPANSION	O.C. = ON CENTER	NOTE IDENTIFICATION
APPROXIMATE = APPROX.	E.W. = EACH WAY	O.D. = OUTSIDE DIAMETER	DEMOLITION NOTE
BBB = BALL AND BURLAP	F.F. = FINISH FLOOR	P.O.B. = POINT OF BEGINNING	CONSTRUCTION NOTE
BOC = BACK OF CURB	F.G. = FINISH GRADE	P.O.C. = POINT OF CONNECTION	ELEVATION IDENTIFICATION
B.M. = BENCH MARK	FIN. = FINISH	P.V.C. = POLYVINYL CHLORIDE	SPOT ELEVATION
BLDG. = BUILDING	F.H. = FIRE HYDRANT	PIPE	ELEVATION
B.S. = BOTTOM OF STAIR	FL = FLOW LINE	PL = PROPERTY LINE	DETAIL IDENTIFICATION
B.W. = BOTTOM OF WALL	FTG. = FOOTING	R = RADIUS	DETAIL NUMBER
CAL. = CALIPER	FT. = FEET	R.C.P. = REINFORCED CONCRETE PIPE	SHEET NUMBER
C.B. = CATCH BASIN	GA. = GAUGE	R.O.W. = RIGHT OF WAY	
CL CATCH BASIN CENTER LINE	GALV. = GALVANIZED	REQD. = REQUIRED	
C.O. = CLEANOUT	H.W. = HEAD WALL	REINF. = REINFORCED	
COL. = COLUMN	H.P. = HIGH POINT	SHIT. = SHEET	
CONC. = CONCRETE	HT. = HEIGHT	SPEC. = SPECIFICATIONS	
CONT. = CONTINUOUS	HORIZ. = HORIZON	SQ. = SQUARE	
CONTR. = CONTRACTOR	I.D. = INNER DIAMETER	S.F. = SQUARE FEET	
C.F. = CUBIC FEET	IN. = INCH	S.V. = SQUARE YARD	
C.Y. = CUBIC YARD	INV. = INVERT	S.S. = STAINLESS STEEL	
DET. = DETAIL	L.P. = LOW POINT	T.C. = TOP OF CURB	
DIM. = DIMENSION	L.F. = LINEAR FEET	T.S. = TOP OF STAIR	
DIA. = DIAMETER	MAX. = MAXIMUM	T.W. = TOP OF WALL	
DWG. = DRAWING	M.H. = MAN HOLE	TYP. = TYPICAL	
EA. = EACH	MIN. = MINIMUM	VERT. = VERTICAL	
ELEV. = ELEVATION	MISC. = MISCELLANEOUS	W/O. = WITH OUT	
EXIST. = EXISTING	N.L.C. = NOT IN CONTRACT	W.W.M. = WOVEN WIRE MESH	
E.P. = EDGE OF PAVING	N.T.S. = NOT TO SCALE		
DETAIL SECTION IDENTIFICATION			
DETAIL NUMBER	SECTION DESIGNATION		
SHEET NUMBER			

GENERAL NOTES

- DRAWINGS ARE INTENDED TO BE PRINTED ON 24 X 36 PAPER. PRINTING THESE DRAWINGS AT A DIFFERENT SIZE WILL IMPACT THE SCALE. VERIFY THE GRAPHIC SCALE BEFORE REFERENCING ANY MEASUREMENTS ON THESE SHEETS. THE RECIPIENT OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR ANY ERRORS RESULTING FROM INCORRECT PRINTING, COPYING, OR ANY OTHER CHANGES THAT ALTER THE SCALE OF THE DRAWINGS.
- VERIFY ALL PLAN DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE TO ADDRESS ANY QUESTIONS OR CLARIFY ANY DISCREPANCIES.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- SUBMIT A CHANGE ORDER FOR APPROVAL FOR ANY CHANGES TO WORK SCOPE RESULTING FROM FIELD CONDITIONS OR DIRECTION BY OWNER'S REPRESENTATIVE WHICH REQUIRE ADDITIONAL COST TO THE OWNER PRIOR TO PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL PROVIDE A STAKED LAYOUT OF ALL SITE IMPROVEMENTS FOR INSPECTION BY THE OWNER'S REPRESENTATIVE AND MAKE MODIFICATIONS AS REQUIRED. ALL LAYOUT INFORMATION IS AVAILABLE IN DIGITAL FORMAT FOR USE BY THE CONTRACTOR.
- IF A GEOTECHNICAL SOILS REPORT IS NOT AVAILABLE AT THE TIME OF CONSTRUCTION, PCS GROUP, INC. RECOMMENDS A REPORT BE AUTHORIZED BY THE OWNER AND THAT ALL RECOMMENDATIONS OF THE REPORT ARE FOLLOWED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL USE THESE CONTRACT DOCUMENTS AS A BASIS FOR THE BID. IF THE OWNER ELECTS TO PROVIDE A GEOTECHNICAL REPORT, THE CONTRACTOR SHALL REVIEW THE REPORT AND SUBMIT AN APPROPRIATE CHANGE ORDER TO THE OWNER'S REPRESENTATIVE IF ADDITIONAL COSTS ARE REQUESTED.
- CONTRACTOR SHALL CONFIRM THAT SITE CONDITIONS ARE SIMILAR TO THE PLANS WITHIN TOLERANCES STATED IN THE CONTRACT DOCUMENTS, AND SATISFACTORY TO THE CONTRACTOR PRIOR TO START OF WORK. SHOULD SITE CONDITIONS BE DIFFERENT THAN REPRESENTED ON THE PLANS OR UNSATISFACTORY TO THE CONTRACTOR, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND FURTHER DIRECTION.
- CONTRACTOR IS RESPONSIBLE TO PAY FOR, AND OBTAIN, ANY REQUIRED APPLICATIONS, PERMITTING, LICENSES, INSPECTIONS AND METERS ASSOCIATED WITH WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO ANY VIOLATIONS OR NON-CONFORMANCE WITH THE PLANS, SPECIFICATIONS, CONTRACT DOCUMENTS, JURISDICTIONAL CODES AND REGULATORY AGENCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL UTILITY LOCATES PRIOR TO ANY EXCAVATION. NOTIFY OWNER'S REPRESENTATIVE IF EXISTING OR PROPOSED UTILITIES INTERFERE WITH THE ABILITY TO PERFORM WORK.
- UNLESS IDENTIFIED ON THE PLANS FOR DEMOLITION OR REMOVAL, THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT OR EXISTING PAVING, ADJACENT OR EXISTING LANDSCAPE, OR ANY PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION, ESTABLISHMENT OR DURING THE SPECIFIED MAINTENANCE PERIOD. ALL DAMAGES SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITIONS AS DETERMINED BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOGGING ANY DAMAGES PRIOR TO START OF CONSTRUCTION AND DURING THE CONTRACT PERIOD. ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE WORK AREA LIMITS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMITS OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT A TRAFFIC CONTROL PLAN TO THE APPROPRIATE JURISDICTIONAL AGENCIES AND THE OWNER'S REPRESENTATIVE IF THEIR WORK AND OPERATIONS AFFECT OR IMPACT THE PUBLIC RIGHTS-OF-WAY. OBTAIN APPROVAL PRIOR TO ANY WORK WHICH AFFECTS OR IMPACTS THE PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THIS REQUIREMENT DURING THE CONTRACT PERIOD.
- SIGHT TRIANGLES AND SIGHT LINES SHALL REMAIN UNOBSTRUCTED BY EQUIPMENT, CONSTRUCTION MATERIALS, PLANT MATERIAL OR ANY OTHER VISUAL OBSTACLE DURING THE CONTRACT PERIOD AND AT MATURITY OF PLANTS PER LOCAL JURISDICTIONAL REQUIREMENTS. NO PLANT MATERIAL OTHER THAN GROUND COVER IS ALLOWED TO BE PLANTED ADJACENT TO FIRE HYDRANTS AS STIPULATED BY JURISDICTIONAL REQUIREMENTS.
- COORDINATE SITE ACCESS, STAGING, STORAGE AND CLEAN OUT AREAS WITH OWNER'S REPRESENTATIVE.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SAFETY FENCING AND BARRIERS AROUND ALL IMPROVEMENTS SUCH AS WALLS, PLAY STRUCTURES, EXCAVATIONS, ETC. ASSOCIATED WITH THEIR WORK UNTIL SUCH FACILITIES ARE COMPLETELY INSTALLED PER THE PLANS, SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THEIR MATERIAL STOCKPILES CONCRETE IN THE STORM SEWER IS PROHIBITED.
- THE CONTRACTOR SHALL KNOW, UNDERSTAND AND ABIDE BY ANY STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ASSOCIATED WITH THE SITE. IF A STORM WATER POLLUTION PREVENTION PLAN IS NOT PROVIDED BY THE OWNER'S REPRESENTATIVE, REQUEST A COPY BEFORE PERFORMANCE OF ANY SITE WORK.
- CONTRACTOR SHALL MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ANY NEW STORM WATER MANAGEMENT FACILITIES THAT ARE IDENTIFIED IN THE SCOPE OF WORK TO FULL FUNCTIONALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER FOR FAILURE TO MAINTAIN STORM WATER MANAGEMENT FACILITIES DURING THE CONTRACT PERIOD.
- THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM EXITING THE SITE OR ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION OR CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS DURING THEIR CONTRACTED COURSE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT ANY IMPACTS TO ADJACENT WATERWAYS, WETLANDS, OR OTHER ENVIRONMENTALLY SENSITIVE AREAS RESULTING FROM WORK DONE AS PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE STANDARDS DURING THEIR CONTRACTED COURSE OF WORK.
- THE CONTRACTOR AND OR THEIR AUTHORIZED AGENTS SHALL INSURE THAT ALL LOADS OF CONSTRUCTION MATERIAL IMPORTED TO OR EXPORTED FROM THE PROJECT SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF MATERIAL DURING TRANSPORT. TRANSPORTATION METHODS ON PUBLIC RIGHT-OF-WAYS SHALL CONFORM TO JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS.
- THE CLEANING OF EQUIPMENT IS PROHIBITED AT THE JOB SITE UNLESS AUTHORIZED BY THE OWNER'S REPRESENTATIVE IN A DESIGNATED AREA. THE DISCHARGE OF WATER, WASTE CONCRETE, POLLUTANTS, OR OTHER MATERIALS SHALL ONLY OCCUR IN AREAS DESIGNED FOR SUCH USE AND APPROVED BY THE OWNER'S REPRESENTATIVE.

OWNER / DEVELOPER

PLANNER / LANDSCAPE ARCHITECT

CIVIL ENGINEER

ESX MANAGEMENT
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CENTENNIAL, CO 80112



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TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
LANDSCAPE PLANS

Drawn by:	BEM, GS
Checked by:	PCS STAFF
Submittal Date:	08.01.2017
Call before you dig:	02.27.2018
	08.20.2020
	10.19.2020
	11.23.2020

Sheet Name

LANDSCAPE COVER SHEET

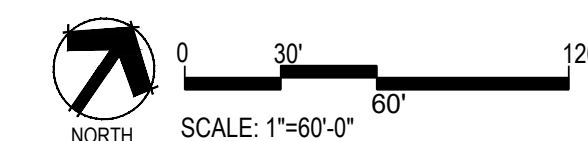
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GROUND COVERS	COMMON NAME
[Pattern]	BLUEGRASS SOD RE: LANDSCAPE NOTES
[Pattern]	BUFFALO GRASS RE: LANDSCAPE NOTES
[Pattern]	CRUSHER FINES
[Pattern]	FIBAR PLAYGROUND MULCH
[Pattern]	G&S SOLUTIONS-CLASSIC INFIELD MIX, GOLD COLOR: GOLD, WITHOUT STABILIZER
[Pattern]	ROCK MULCH GREY, 2" DIA. COBBLE 3" DEPTH. RE: LDSCP NOTES
[Pattern]	ROCK MULCH TAN, 2" DIA. COBBLE 3" DEPTH. RE: LDSCP NOTES
[Pattern]	SEED MIX 1 TOWN OF PARKER - SEED MIX 1, RE: LANDSCAPE NOTES
[Pattern]	SEED MIX 2 TOWN OF PARKER - SEED MIX 2, RE: LANDSCAPE NOTES
[Pattern]	G&S SOLUTIONS CLASSIC WARNING TRACK MIX COLOR:GOLD, WITHOUT STABILIZER

- NOTES:
1. NO FENCES OR STRUCTURES WILL BE ALLOWED WITHIN SIGHT TRIANGLES.
 2. SHRUBS AND WILL BE LOWER THAN 3' WITHIN SIGHT TRIANGLES.
 3. TREE CANOPIES WITHIN SIGHT TRIANGLES WILL BE NO LOWER THAN 8'



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TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
LANDSCAPE PLANS

Drawn by: BEM, GG
Checked by: PCS STAFF
Submittal Date: 08.01.2017
Date: 02.27.2018
Know what's below. Call before you dig. 811
10.19.2020
11.23.2020

Sheet Name

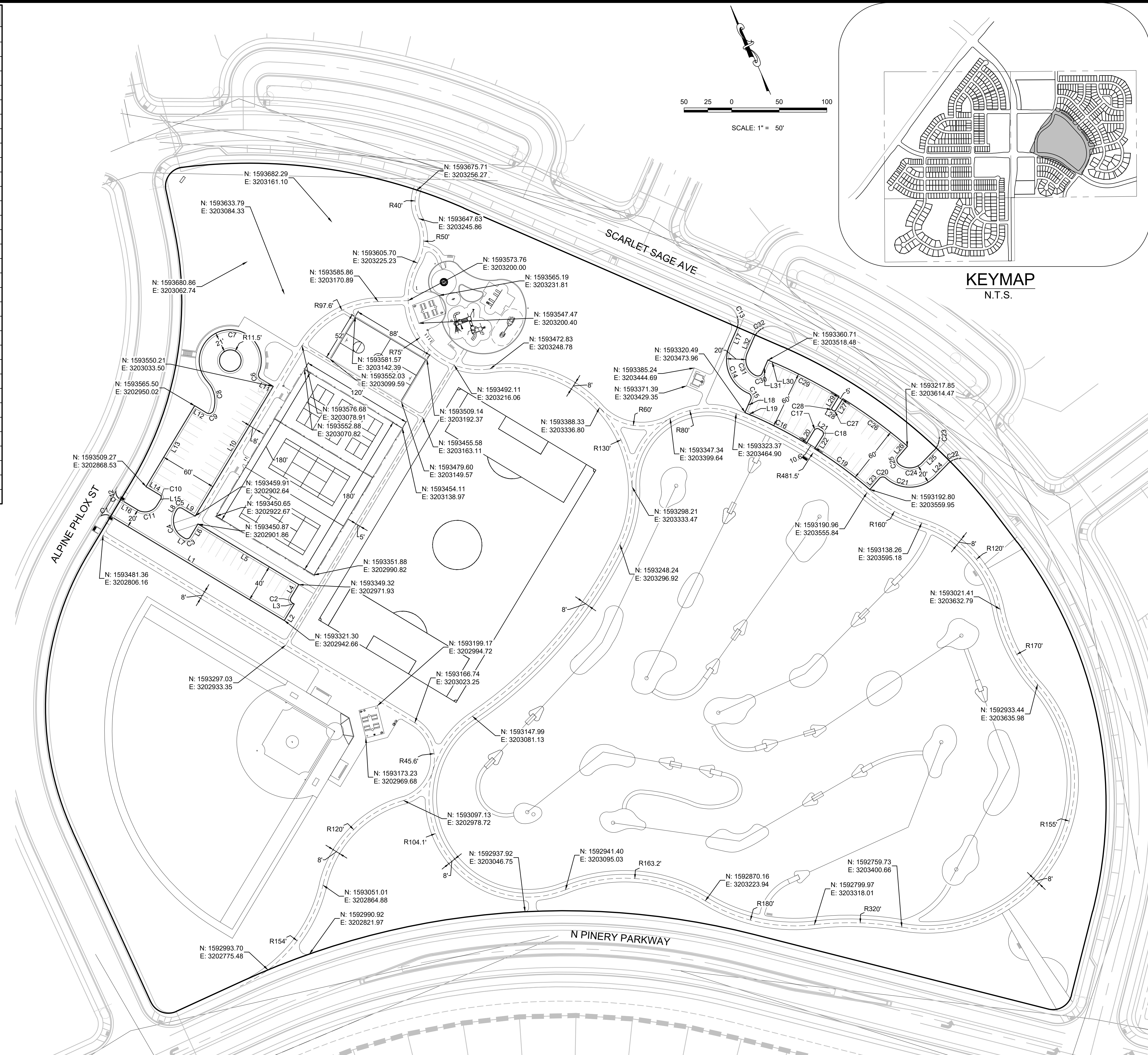
OVERALL SITE & LANDSCAPE PLAN

Sheet Number

L0.2

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	212.26'	N34°36'25"W
L2	20.00'	N55°23'35"E
L3	2.44'	N34°36'25"W
L4	16.00'	N55°23'35"E
L5	123.37'	S34°36'25"E
L6	16.00'	N55°23'35"E
L7	3.00'	S34°36'25"E
L8	1.77'	S55°23'35"W
L9	16.00'	N34°36'25"W
L10	159.00'	S55°23'35"W
L11	15.34'	N34°36'25"W
L12	14.49'	N34°36'25"W
L13	99.00'	S55°23'35"W
L14	17.00'	S34°36'25"E
L15	7.74'	S55°23'35"W
L16	20.45'	N34°36'25"W
L17	18.00'	S47°54'30"W
L18	15.00'	S47°54'30"W
L19	8.52'	N42°05'30"W
L20	15.96'	N55°23'30"E
L21	2.94'	S33°59'03"E
L22	15.96'	S56°38'24"W
L23	14.98'	S65°07'42"W
L24	17.92'	S68°38'41"W
L25	17.92'	N68°38'41"E
L26	15.02'	N65°08'59"E
L27	14.01'	N56°19'36"E
L28	0.86'	S33°40'24"E
L29	14.01'	S55°48'11"W
L30	8.52'	S42°05'30"E
L31	15.00'	N47°54'30"E
L32	17.99'	N47°54'30"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	15.71'	10.00'	90°00'00"
C2	6.28'	4.00'	90°00'00"
C3	6.28'	4.00'	90°00'00"
C4	31.42'	20.00'	90°00'00"
C5	6.28'	4.00'	90°00'00"
C6	7.18'	5.00'	82°17'23"
C7	139.56'	32.50'	246°01'46"
C8	32.57'	30.00'	62°12'10"
C9	8.86'	5.00'	101°32'13"
C10	4.71'	3.00'	90°00'00"
C11	23.56'	15.00'	90°00'00"
C12	15.71'	10.00'	90°00'03"
C13	31.42'	20.00'	90°00'00"
C14	59.69'	38.00'	90°00'00"
C15	7.85'	5.00'	90°00'00"
C16	63.48'	486.00'	7°29'00"
C17	6.33'	4.00'	90°37'27"
C18	6.33'	4.00'	90°37'27"
C19	72.00'	486.00'	8°29'18"
C20	7.90'	5.00'	90°30'01"
C21	57.69'	38.00'	86°59'01"
C22	32.48'	20.00'	93°03'36"
C23	32.48'	20.00'	93°03'36"
C24	27.35'	18.00'	87°02'59"
C25	7.81'	5.00'	89°27'38"
C26	84.08'	546.00'	8°49'24"
C27	3.14'	2.00'	90°00'00"
C28	3.12'	2.00'	89°28'36"
C29	75.23'	546.00'	7°53'41"
C30	7.85'	5.00'	90°00'00"
C31	28.27'	18.00'	90°00'00"
C32	31.38'	20.00'	89°54'10"



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, DIRECTOR OF ENGINEERING _____ DATE _____

Prepared For:

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TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
LANDSCAPE PLANS

Drawn by: CA
Checked by: BPW
Submittal Date: 09.11.2017

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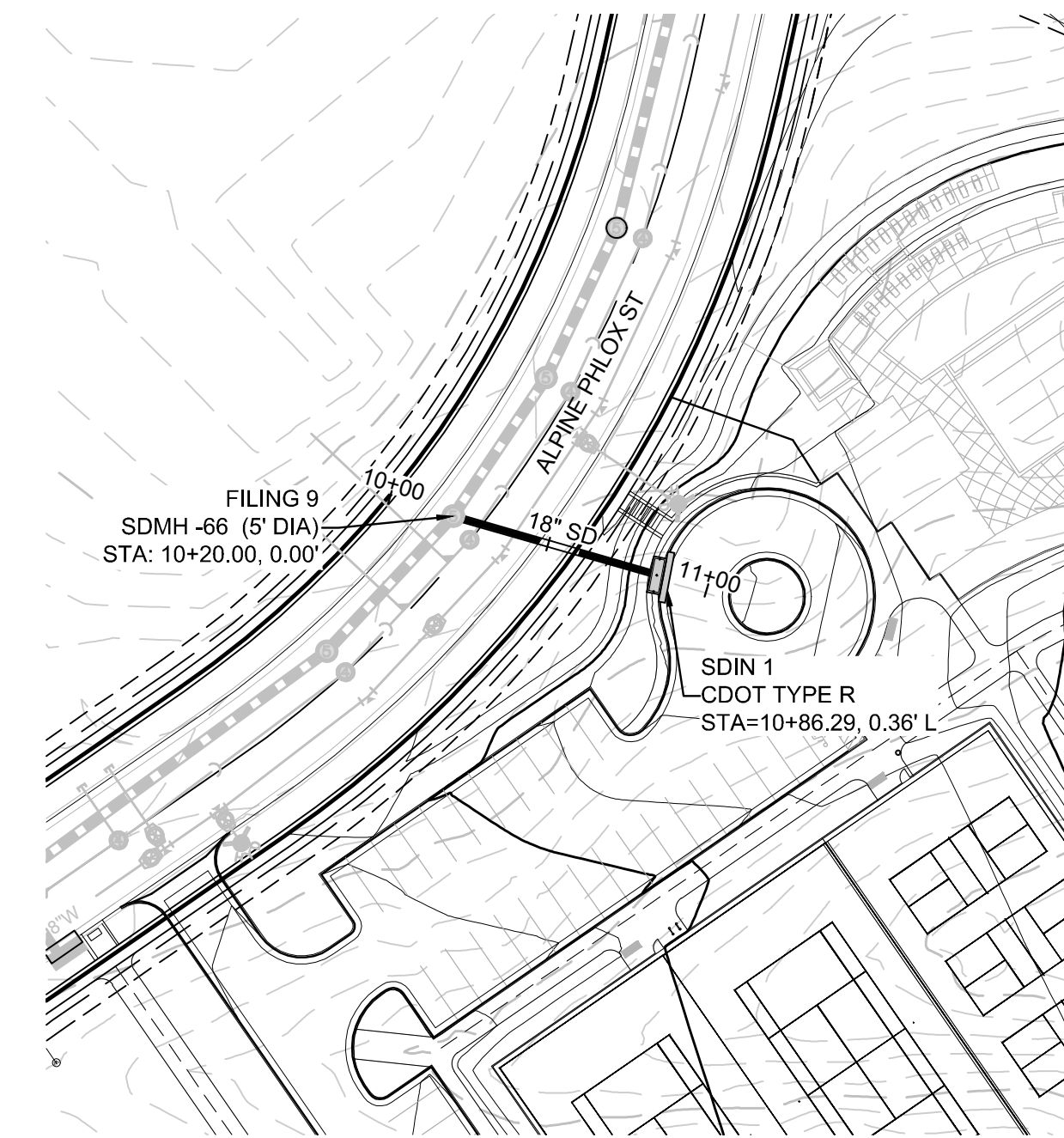
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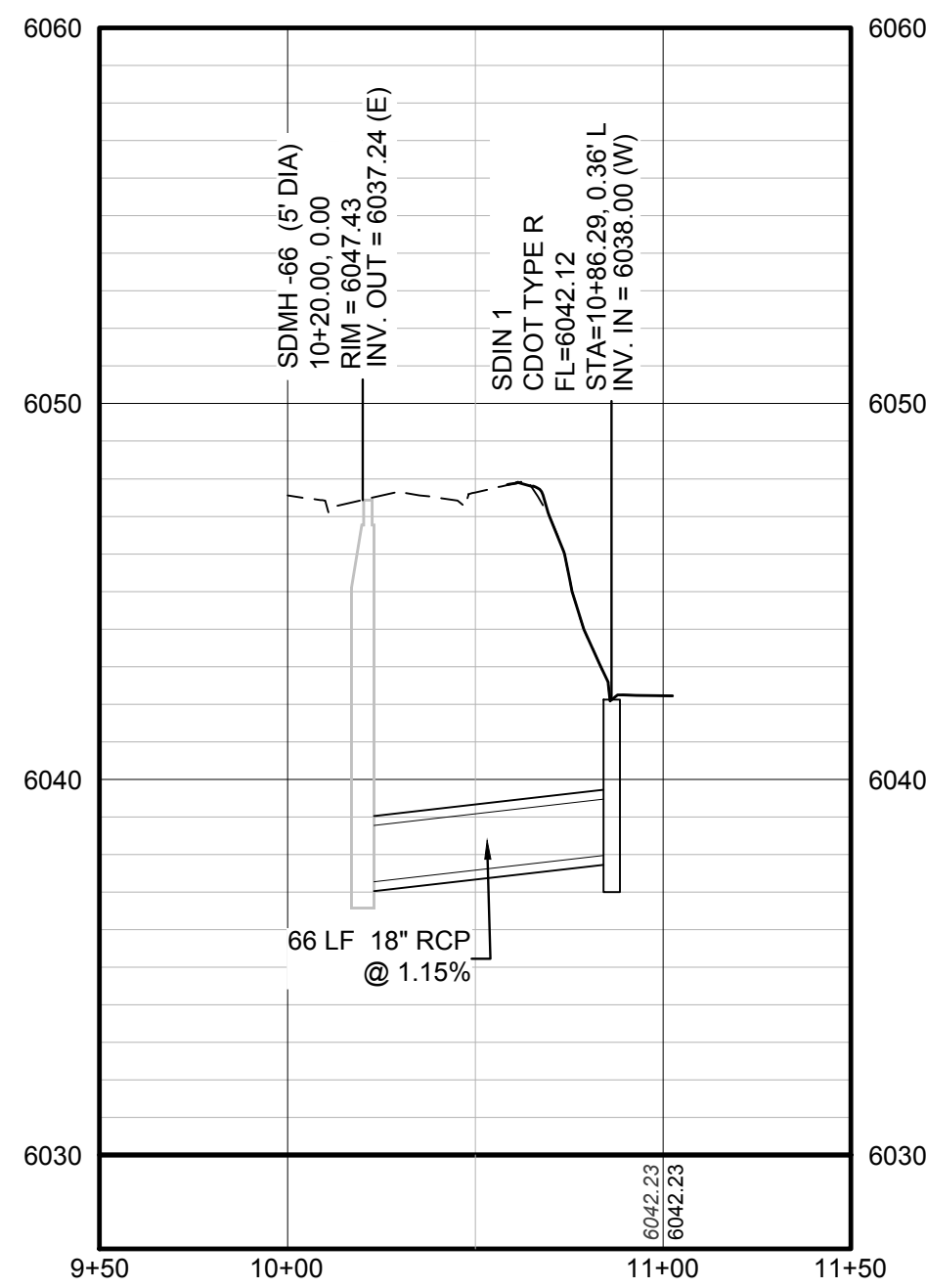
HORIZONTAL CONTROL PLAN

Sheet Number

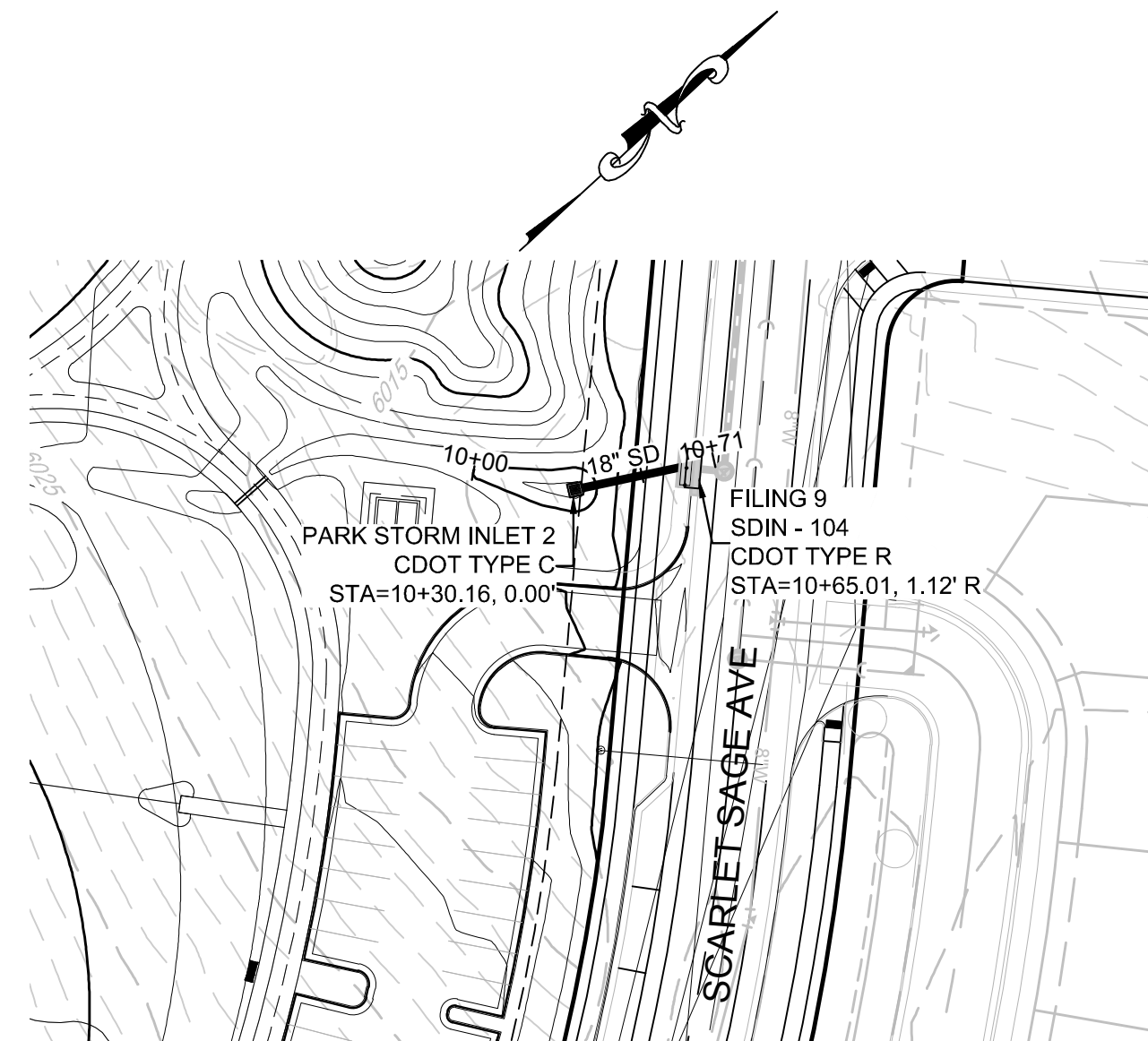
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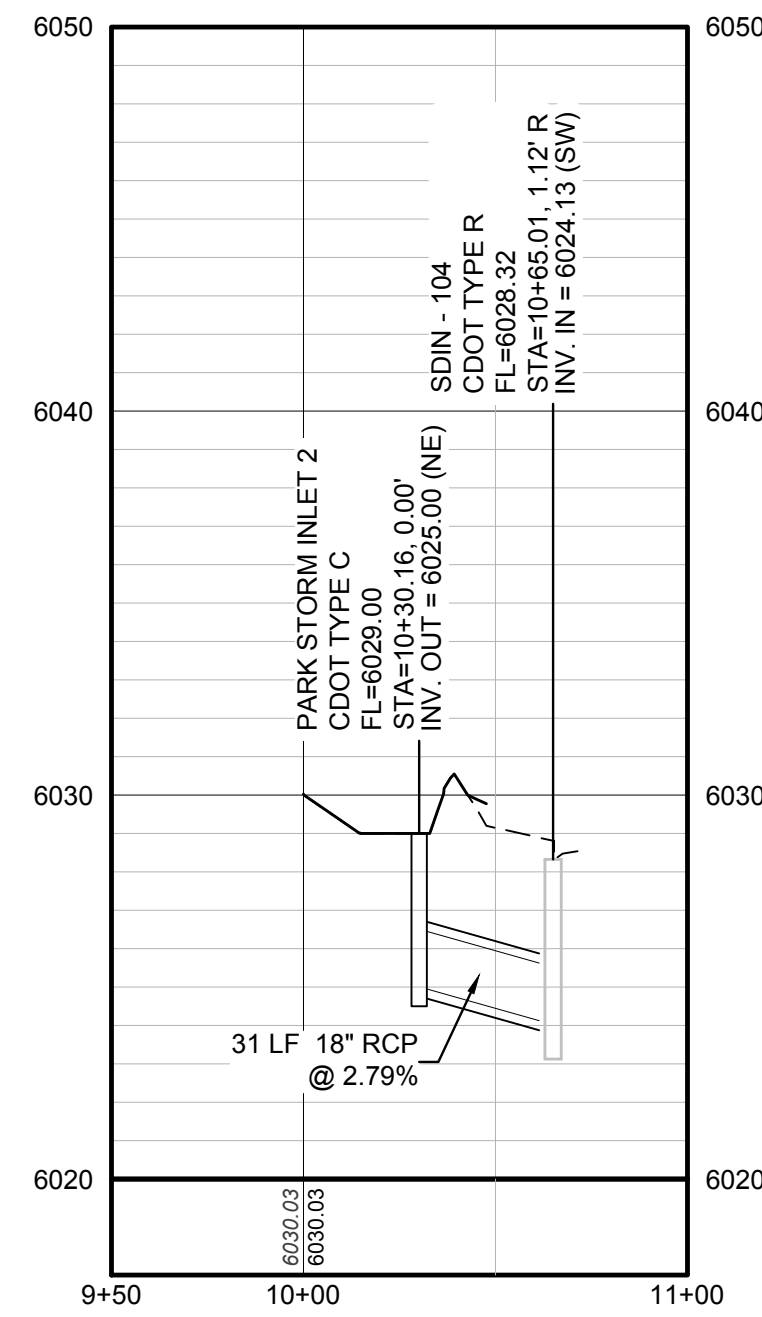
PLAN: PARK STORM LATERAL 1
HORIZONTAL SCALE: 1" = 50'



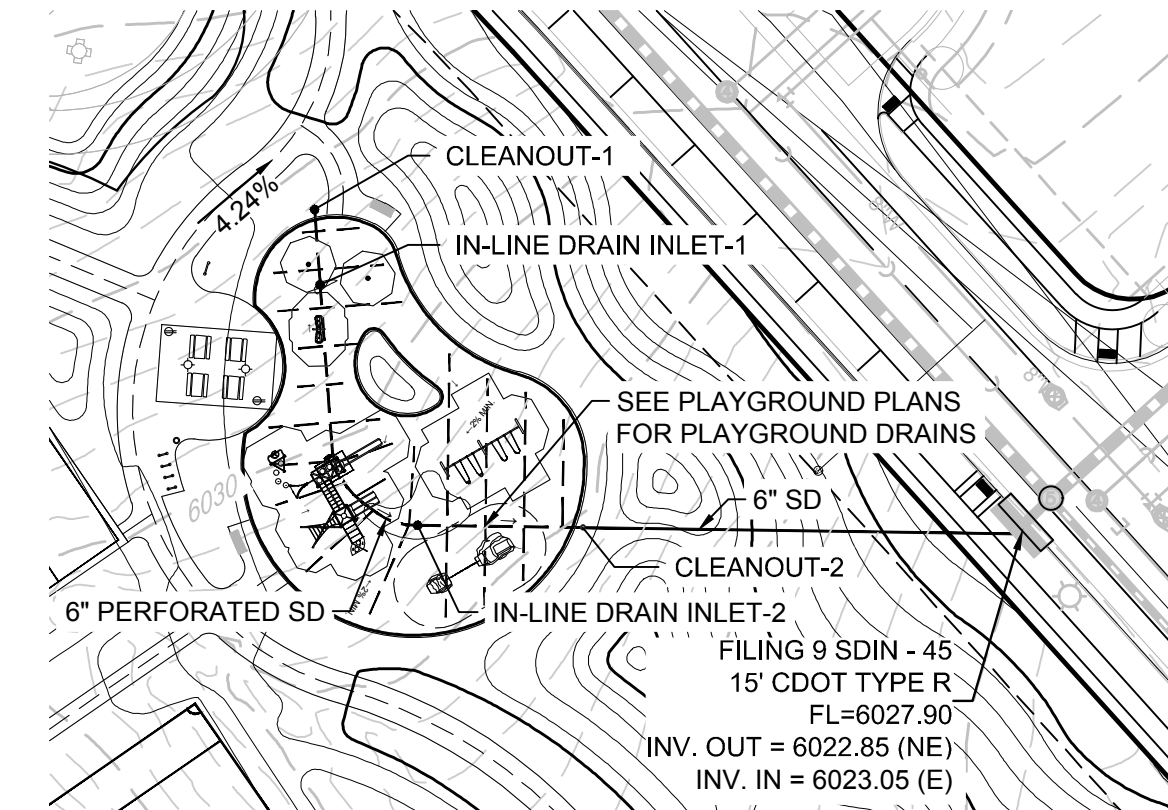
PROFILE: PARK STORM LATERAL 1
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



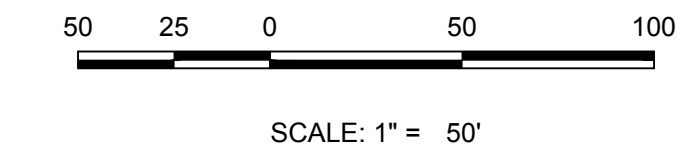
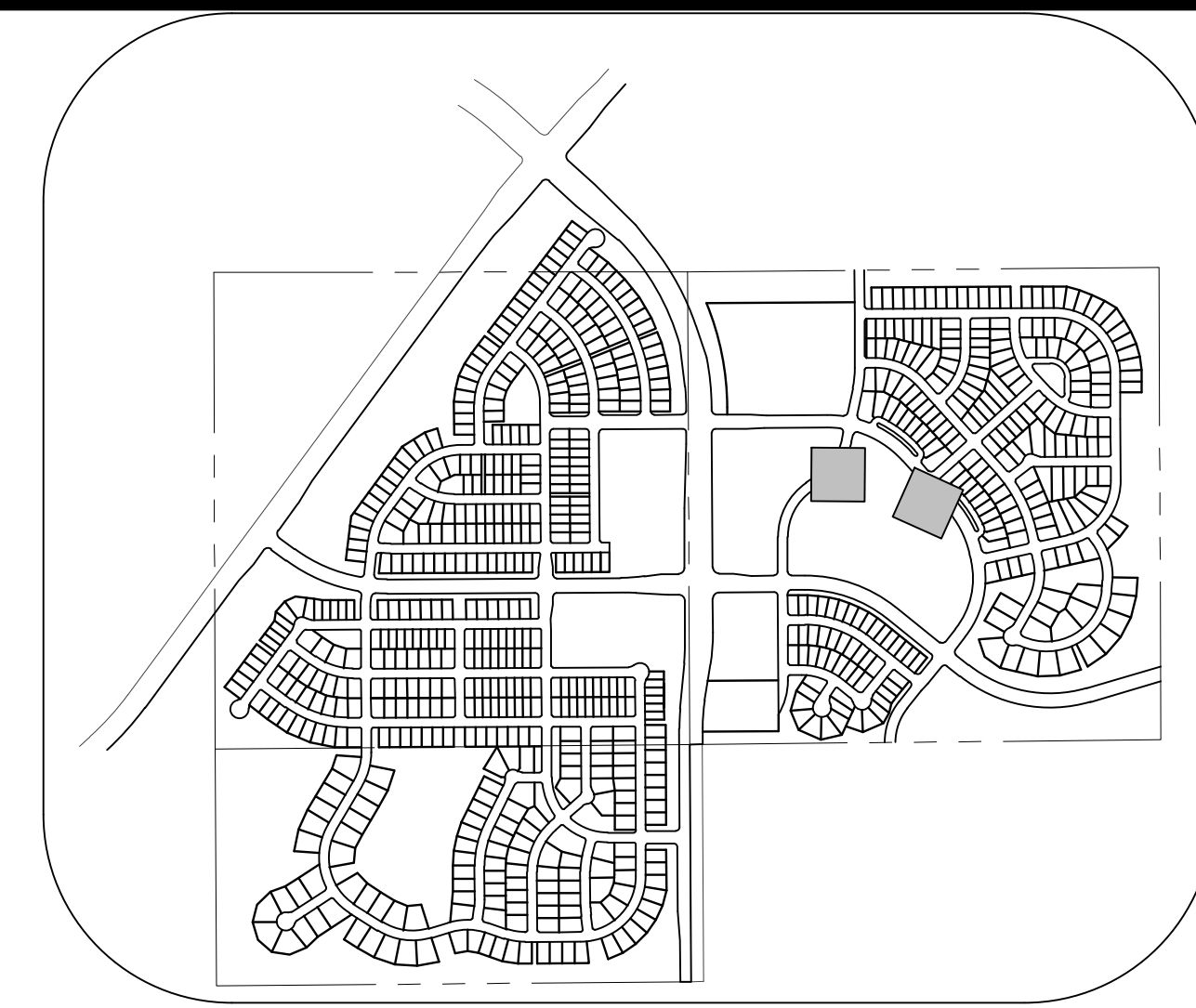
PLAN: PARK STORM LATERAL 2
HORIZONTAL SCALE: 1" = 50'



PROFILE: PARK STORM LATERAL 2
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



PLAN: PARK STORM LATERAL 3
HORIZONTAL SCALE: 1" = 50'



LEGEND

②	BLOCK NUMBER	←	PROPOSED OVERLAND FLOW
Ⓐ	LOT TYPE	- - - -	CENTERLINE
6	LOT NUMBER	—	RIGHT-OF-WAY
⌋	EXISTING FLARED END SECTION	—	PROPERTY LINE
⌋	EXISTING STORM DRAIN INLET	—	EDGE OF PAVEMENT
●	EXISTING STORM DRAIN MANHOLE	— 5615	EXISTING 5' CONTOUR
☀	PROPOSED LIGHT POLE	— 5616	EXISTING 1' CONTOUR
—	PROPOSED SIDEWALK	— 5620	PROPOSED 5' CONTOUR
▬	PROPOSED SIDEWALK RAMP	— 5607	PROPOSED 1' CONTOUR
10.00	EXISTING ELEVATION	—	EXISTING STORM DRAIN
10.00	PROPOSED DESIGN ELEVATION	- - - -	SECTION LINE
00.0	PROPOSED FINISHED GRADE	—	FILING BOUNDARY
FG		1.0%	PROPOSED SLOPE & DIRECTION

ABBREVIATIONS

AD	ANGLE DIFFERENCE	PL	PROPERTY LINE
EL	ELEVATION	PVC	POLYVINYL CHLORIDE
FG	FINISHED GRADE	RCBC	REINFORCED CONCRETE BOX CULVERT
FL	FLOW LINE	RCP	REINFORCED CONCRETE PIPE
FV	FIELD VERIFY	ROW	RIGHT OF WAY
GE	GAS EASEMENT	SD	STORM DRAIN
HP	HIGH POINT	SL	SECTION LINE
INV	INVERT	STA	STATION
LF	LINEAR FEET	T.O.P.	TOP OF PIPE
LP	LOW POINT	UE	UTILITY EASEMENT
MH	MANHOLE	WSE	WATER SURFACE ELEVATION
N.T.S.	NOT TO SCALE		

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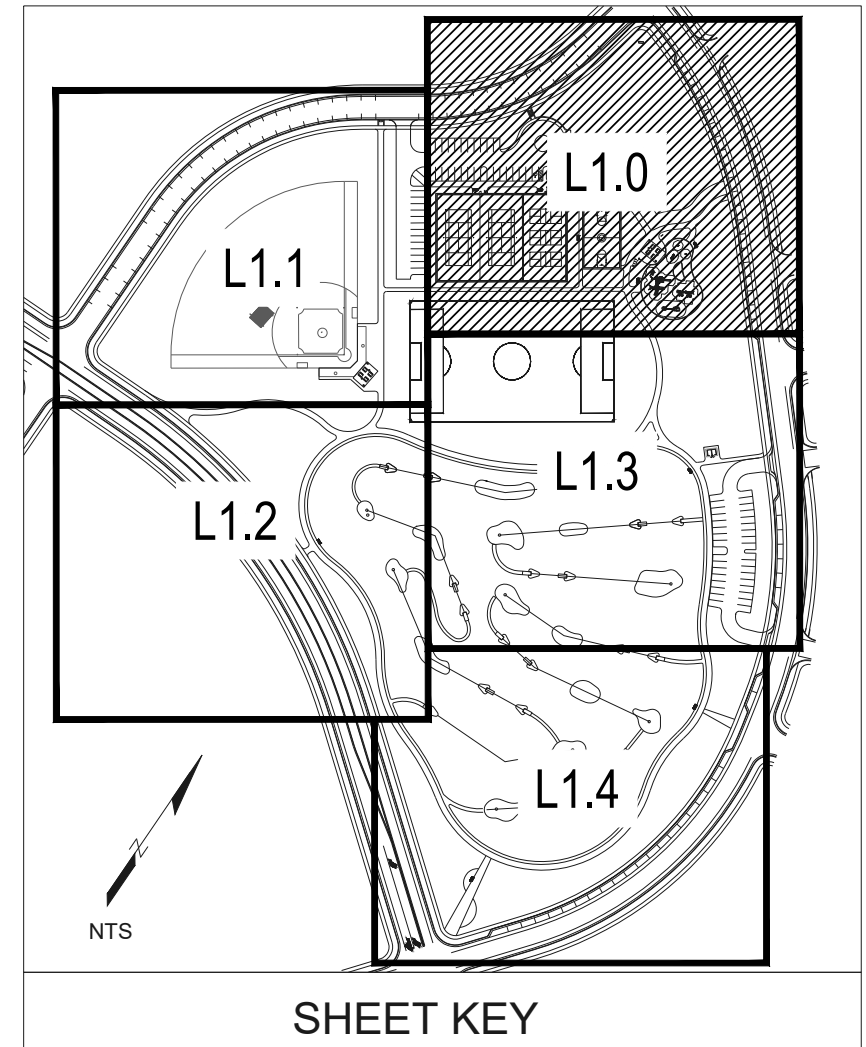
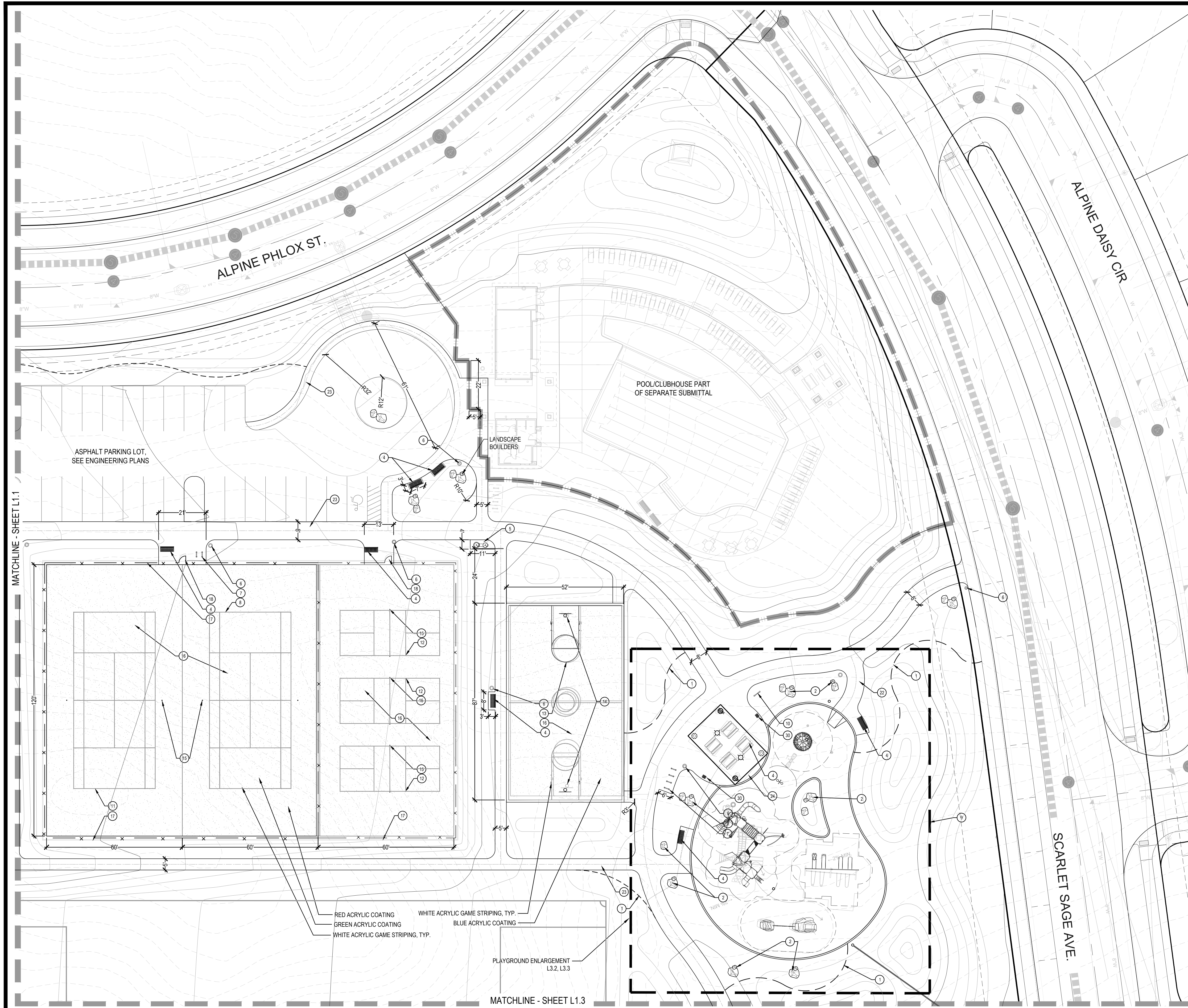
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PARKER, COLORADO
LANDSCAPE PLANS

Drawn by: CA
Checked by: BPW
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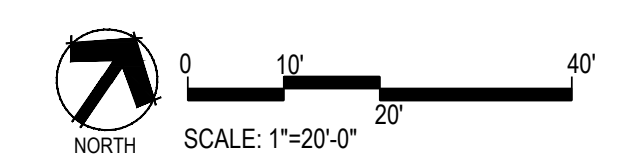
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PARK STORM PLAN & PROFILE

Sheet Number
L.05



CONSTRUCTION NOTES

- 1 STEEL EDGER (4, L3.0)
- 2 LANDSCAPE BOULDERS (5, L3.0)
- 3 PICNIC TABLE (1, L3.1)
- 4 BENCH (2, L3.1)
- 5 DRINKING FOUNTAIN (3, L3.1)
- 6 TRASH RECEPTACLE (4, L3.1)
- 7 BIKE RACK (5, L3.1)
- 8 PET WASTE STATION (6, L3.1)
- 9 PLAYGROUND EQUIPMENT & LAYOUT (1, L3.2, L3.3)
- 10 PARK SIGN (7, L3.4)
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- 31 DUGOUTS & BENCHES (2, L3.8)



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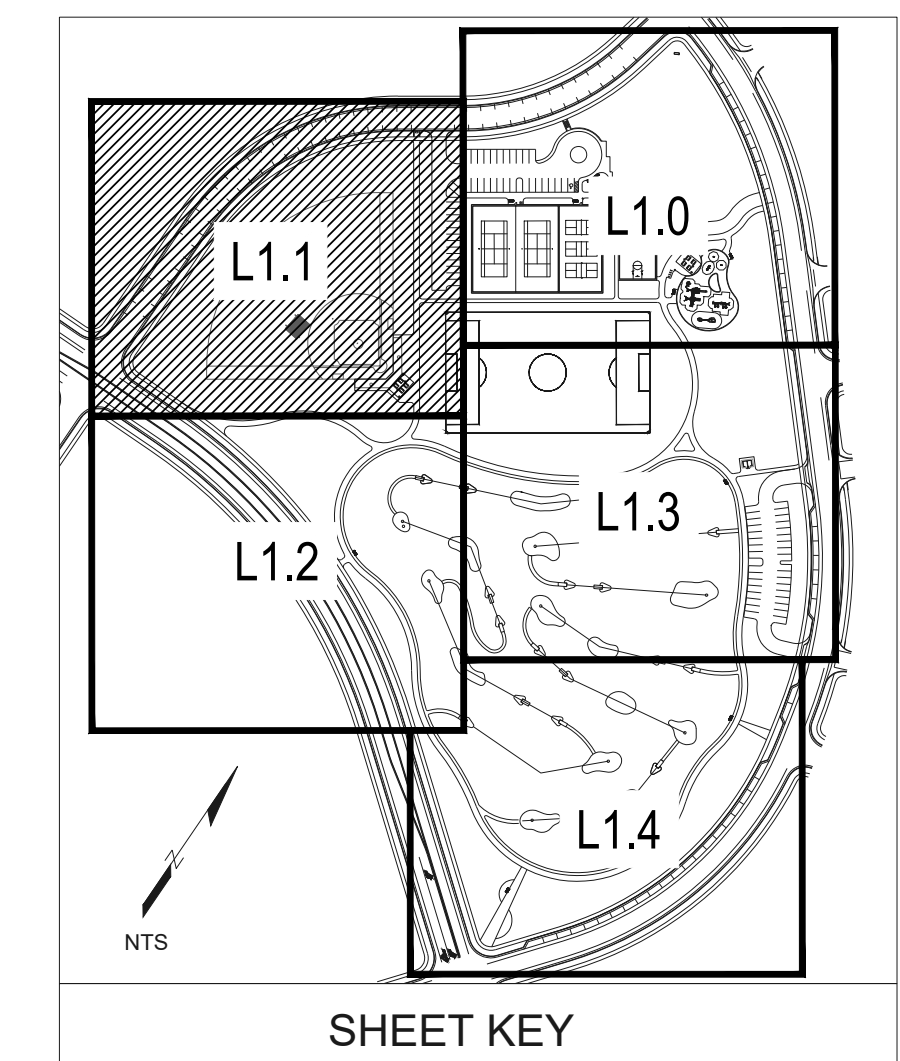
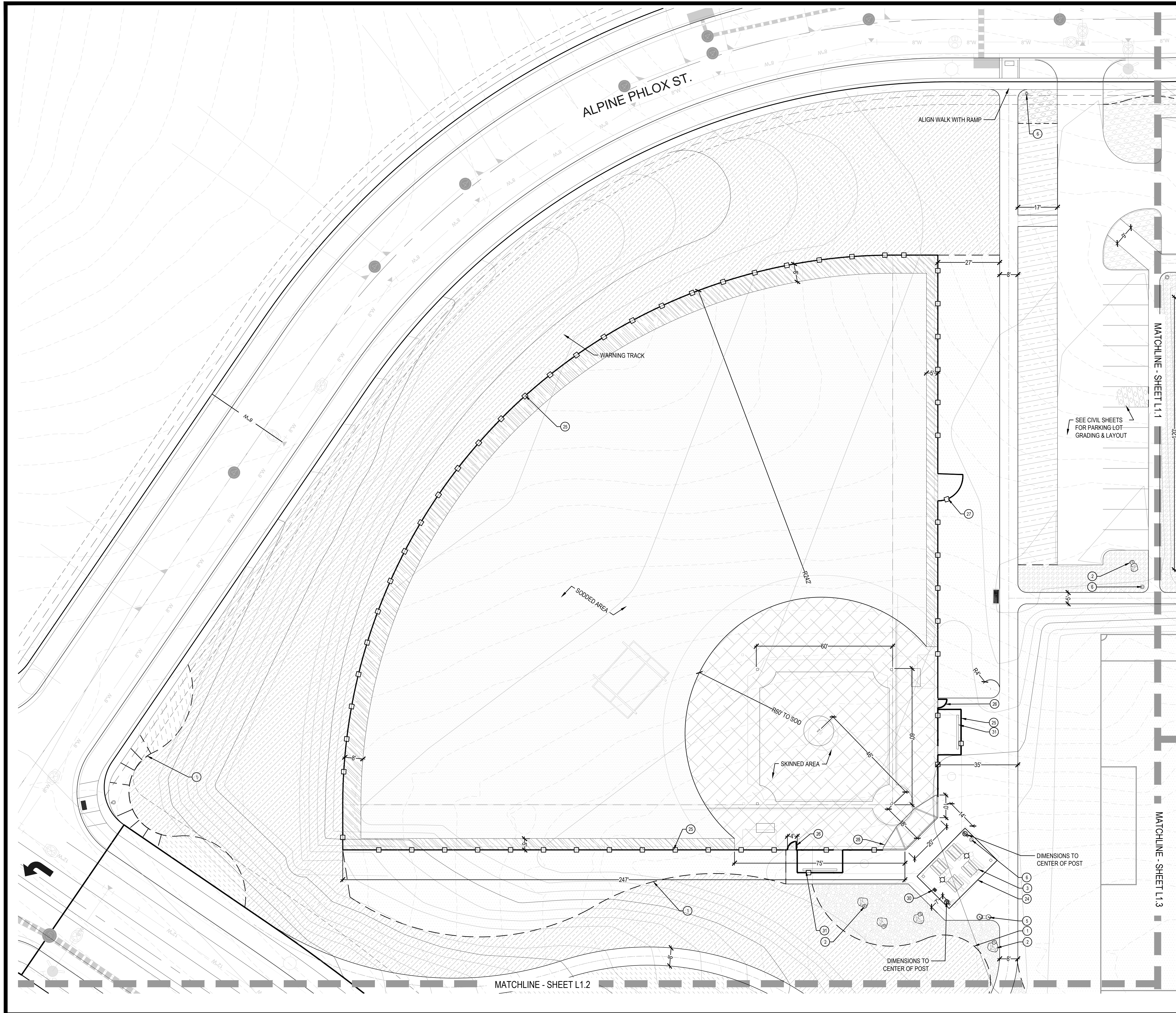
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TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
 LANDSCAPE PLANS

Drawn by:	BEM, GG
Checked by:	PCS STAFF
Submittal Date:	08.01.2017
Date:	02.27.2018
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■ Sheet Name ■
 AMENITY PLAN

■ Sheet Number ■
L1.0



CONSTRUCTION NOTES

- 1 STEEL EDGER (4, L3.0)
- 2 LANDSCAPE BOULDERS (5, L3.0)
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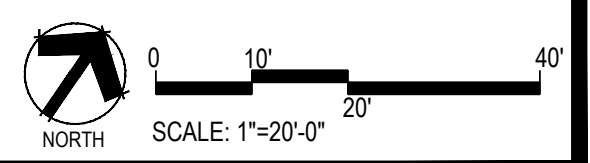
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TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
 LANDSCAPE PLANS

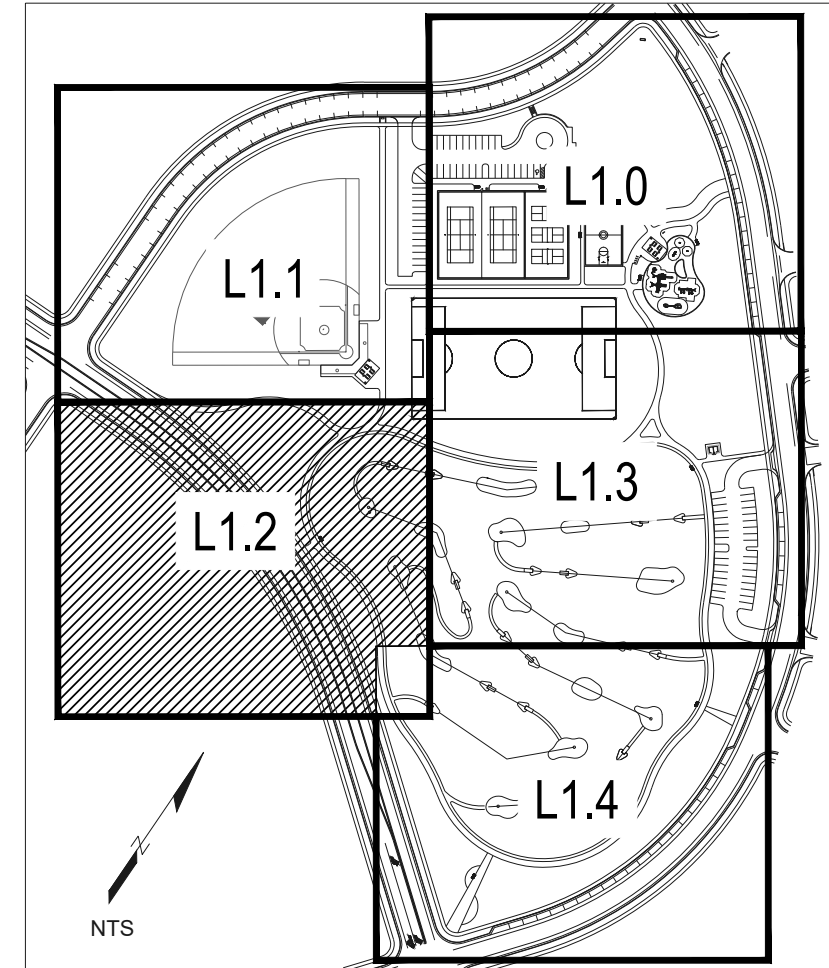
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■ Sheet Name ■
AMENITY PLAN

■ Sheet Number ■
L1.1



MATCHLINE - SHEET L1.1



SHEET KEY

CONSTRUCTION NOTES

- 1 STEEL EDGER (4, L3.0)
- 2 LANDSCAPE BOULDERS (5, L3.0)
- 3 PICNIC TABLE. (1, L3.1)
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- 31 DUGOUTS & BENCHES (2, L3.8)

CRUSHER FINES PATHS TO DISK GOLF TEES TO BE LAID OUT IN THE FIELD

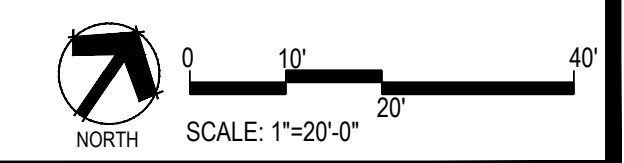
UNDISTURBED AREA

MATCHLINE - SHEET L1.4

MATCHLINE - SHEET L1.4

MATCHLINE - SHEET L1.3

N. PINERY PARKWAY



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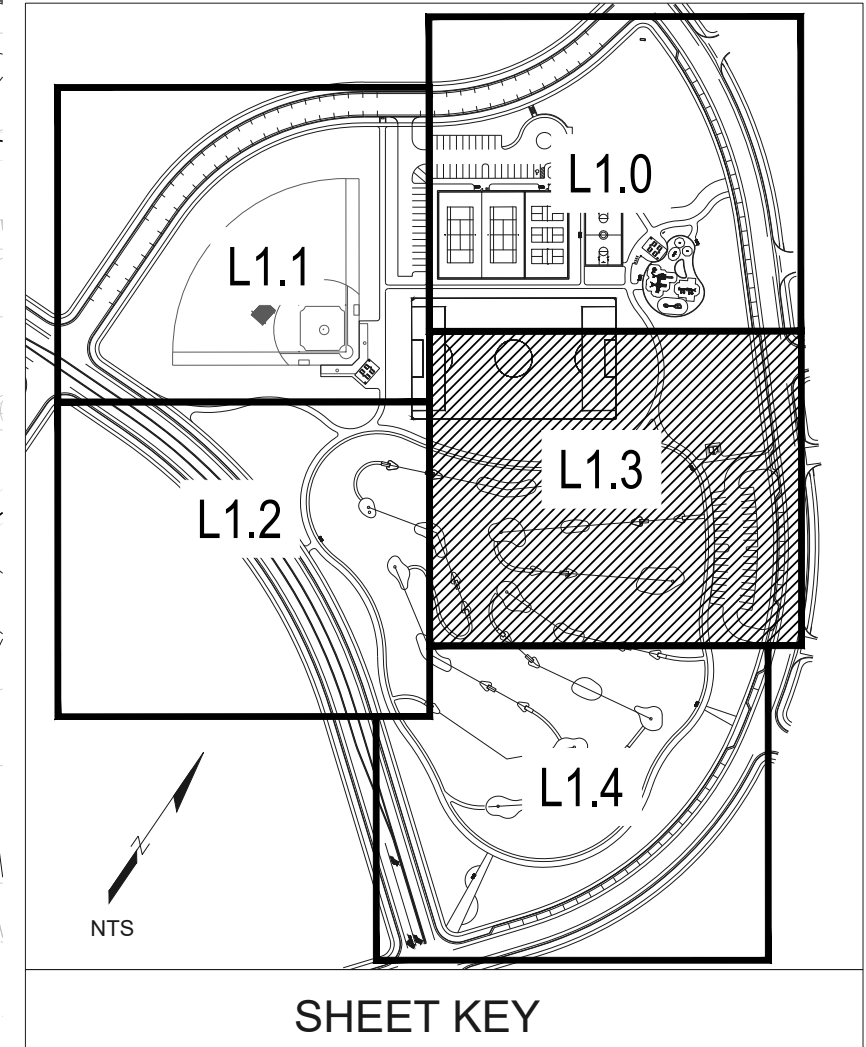
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TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
 LANDSCAPE PLANS

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AMENITY PLAN

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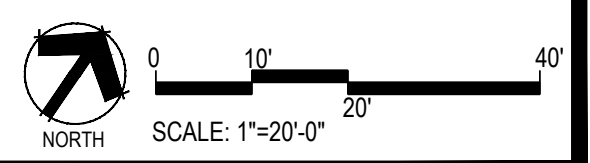
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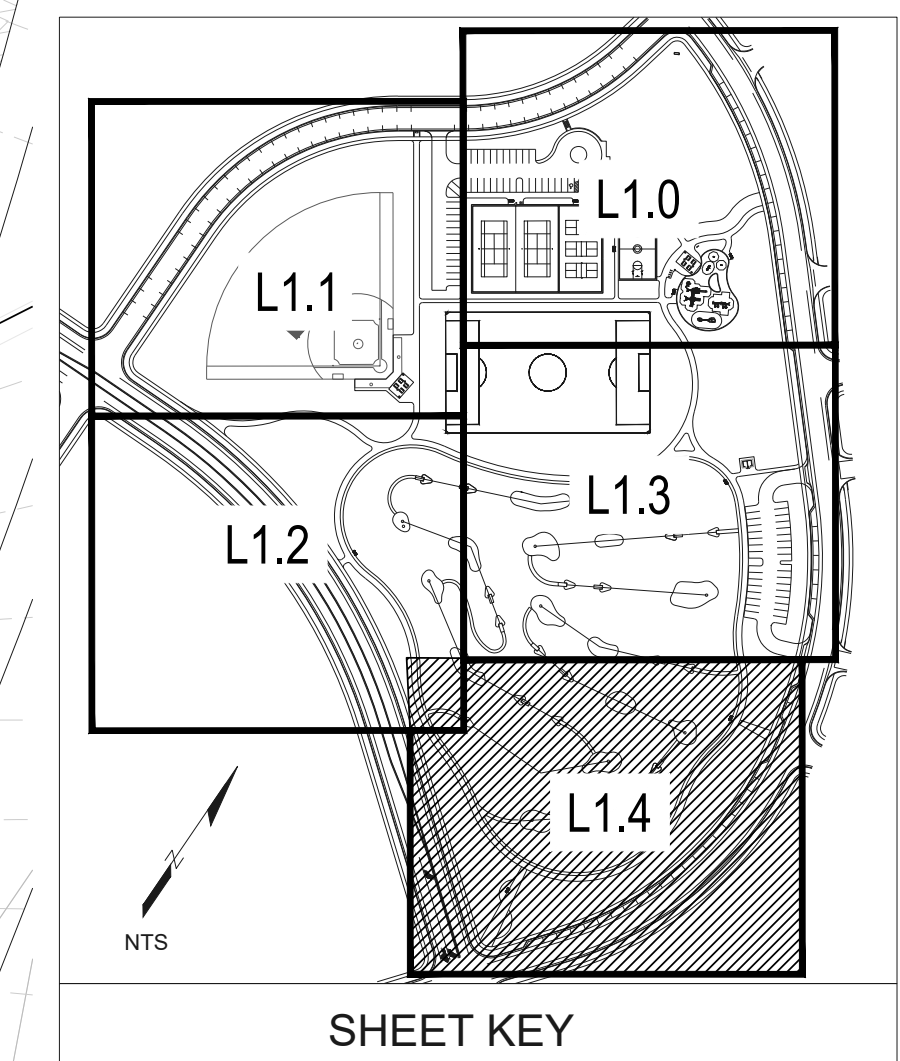
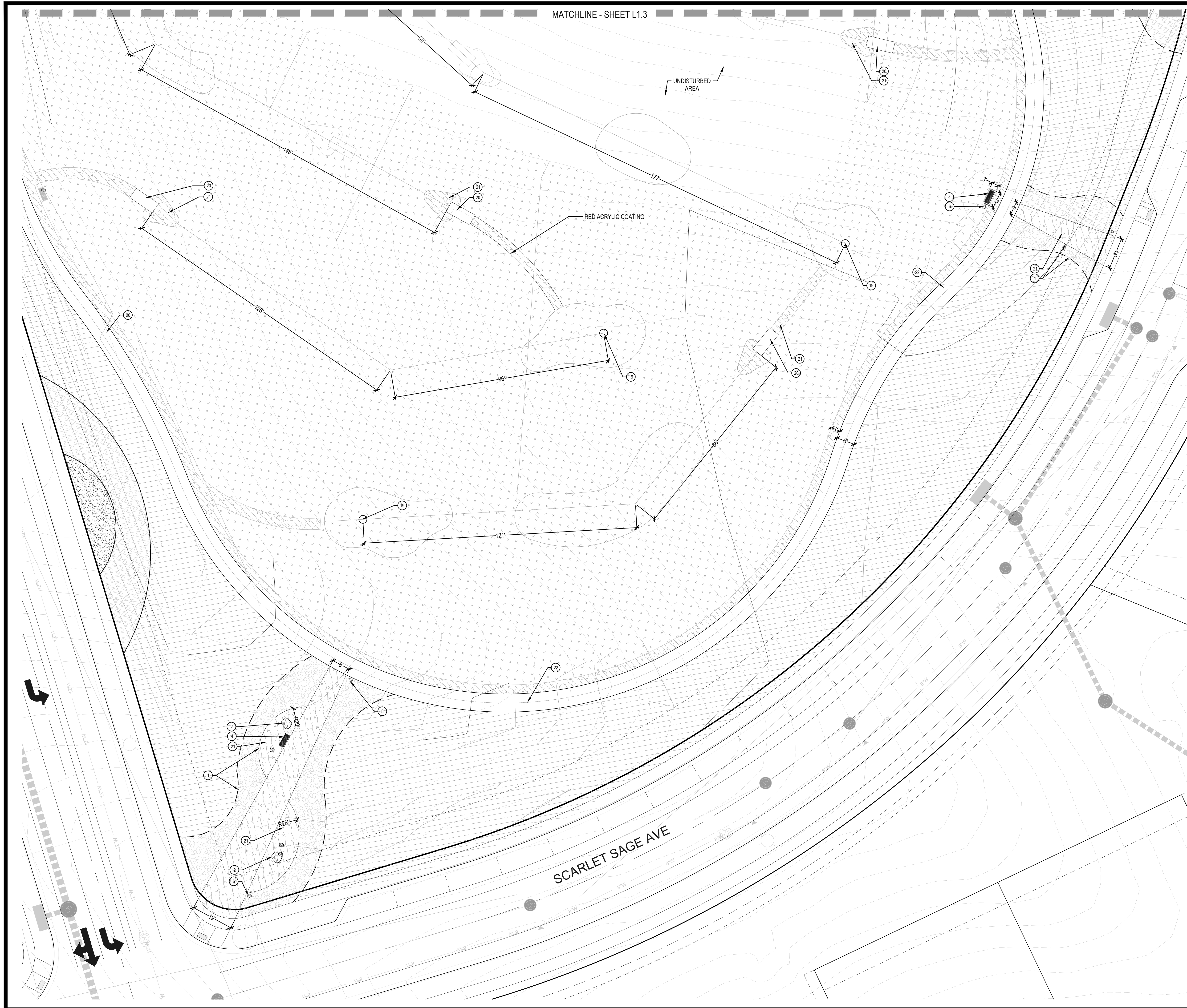
TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
 LANDSCAPE PLANS

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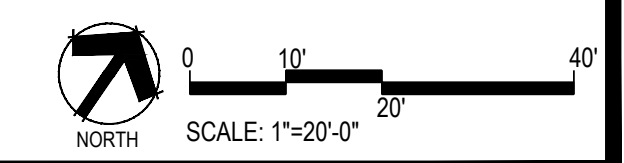
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CONSTRUCTION NOTES

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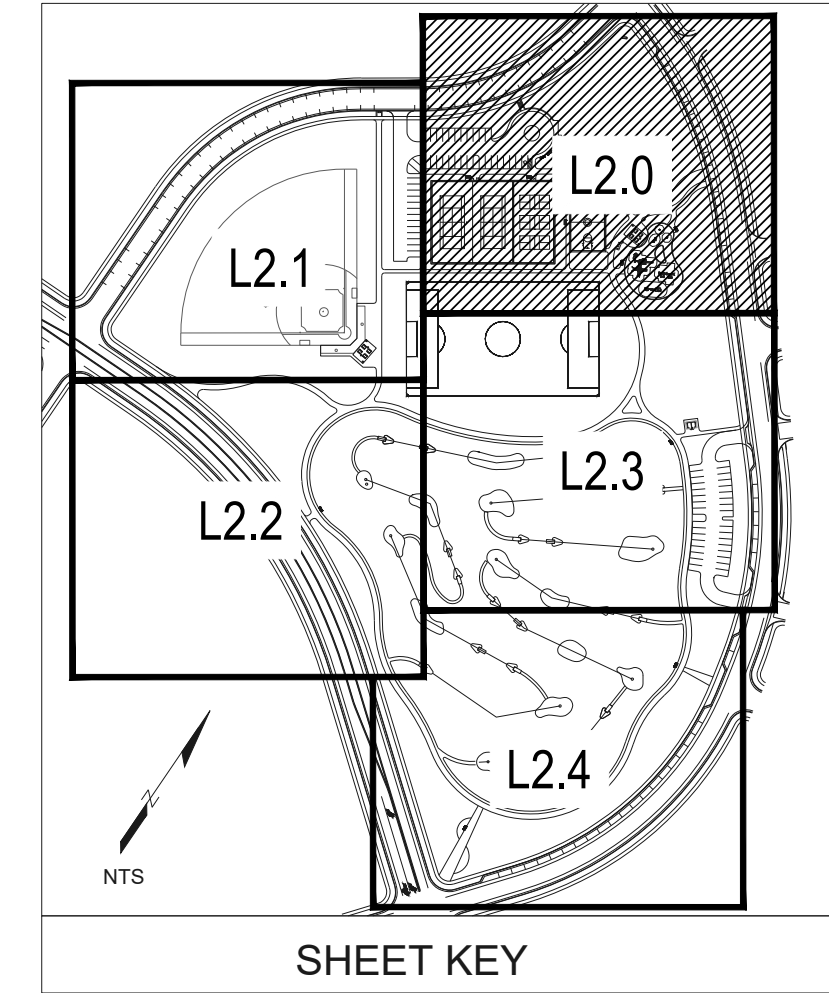
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TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
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Drawn by: BEM, GG
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Sheet Name
 AMENITY PLAN

Sheet Number
L1.4



PLANT SCHEDULE

DECIDUOUS TREES	COMMON NAME
AS	SCHWEDLER MAPLE
BR	RIVER BIRCH
GS	SHADEMASTER LOCUST
GI	IMPERIAL HONEY LOCUST
GK	KENTUCKY COFFEE TREE
OV	AMERICAN HORNBEAM
PO	AMERICAN SYCAMORE
QM	BURR OAK
QM2	CHINKAPIN OAK
QR	RED OAK
TG2	GLENLEVEN LITTLELEAF LINDEN
TG	GREENSPIRE LITTLELEAF LINDEN
UP	AMERICAN ELM

EVERGREEN TREES	COMMON NAME
PC	COLORADO SPRUCE
VAN	VANDERWOLF'S PYRAMID PINE
PSP	LIMBER PINE
PN	AUSTRIAN BLACK PINE
PH	PONDEROSA PINE

ORNAMENTAL TREES	COMMON NAME
AG2	ROCKY MOUNTAIN MAPLE
WKH	WINTER KING HAWTHORN

ANNUALS/PERENNIALS	COMMON NAME
CV	THREADED COREOPSIS
EP	PURPLE CONEFLOWER
BES	BLACK-EYED SUSAN

DECIDUOUS SHRUBS	COMMON NAME
SSB	SASKATOON SERVICEBERRY
AG	AUTUMN BRILLIANCE SERVICEBERRY
CB	BLUE MIST SHRUB
RD	RABBITBUSH
GB	RED TWIG DOGWOOD
CH	ROCK COTONEASTER
FN	NEW MEXICO PRIVET
PS2	ROCKY MOUNTAIN PENSTEMON
PA	RUSSIAN SAGE
PJ	JACKMAN'S POTENTILLA
RHU	GRO-LOW FRAGRANT SUMAC
RG	GOLDEN CURRANT
FMR	FIRE MEDICLAND ROSE
RW	WHITE MEDICLAND ROSE

EVERGREEN SHRUBS	COMMON NAME
AC	MANZANITA
AP	PANCHITO MANZANITA
JB	BLUE CHIP JUNIPER
JH	HUGHES JUNIPER
BLJ	BUFFALO JUNIPER
PS	MUGO PINE

ORNAMENTAL GRASSES	COMMON NAME
CK	FEATHER REED GRASS
MY	YAKU JIMA DWARF MAIDEN GRASS
PH	BLUE SWITCH GRASS
PB2	LITTLE BUNNY FOUNTAIN GRASS

GROUND COVERS	COMMON NAME
[Pattern]	BLUEGRASS SOD RE: LANDSCAPE NOTES
[Pattern]	BUFFALO GRASS RE: LANDSCAPE NOTES
[Pattern]	CRUSHER FINES
[Pattern]	FIBAR PLAYGROUND MULCH
[Pattern]	G&S SOLUTIONS-CLASSIC INFIELD MIX, GOLD COLOR: GOLD, WITHOUT STABILIZER
[Pattern]	ROCK MULCH GREY, 2" DIA. COBBLE 3" DEPTH, RE: LDSCP NOTES
[Pattern]	ROCK MULCH TAN, 2" DIA. COBBLE 3" DEPTH, RE: LDSCP NOTES
[Pattern]	SEED MIX 1 TOWN OF PARKER - SEED MIX 1, RE: LANDSCAPE NOTES
[Pattern]	SEED MIX 2 TOWN OF PARKER - SEED MIX 2, RE: LANDSCAPE NOTES
[Pattern]	G&S SOLUTIONS CLASSIC WARNING TRACK MIX COLOR:GOLD, WITHOUT STABILIZER

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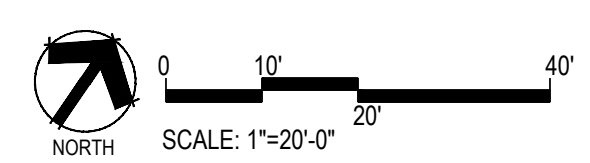
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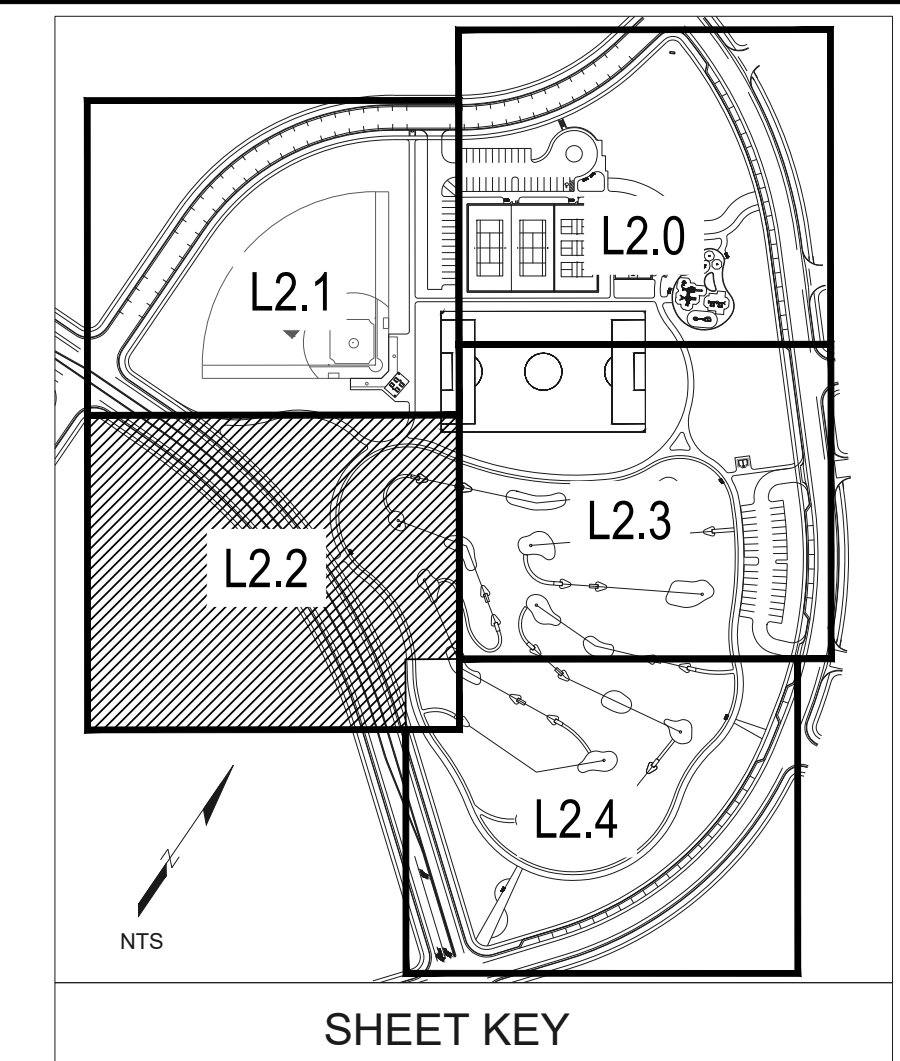
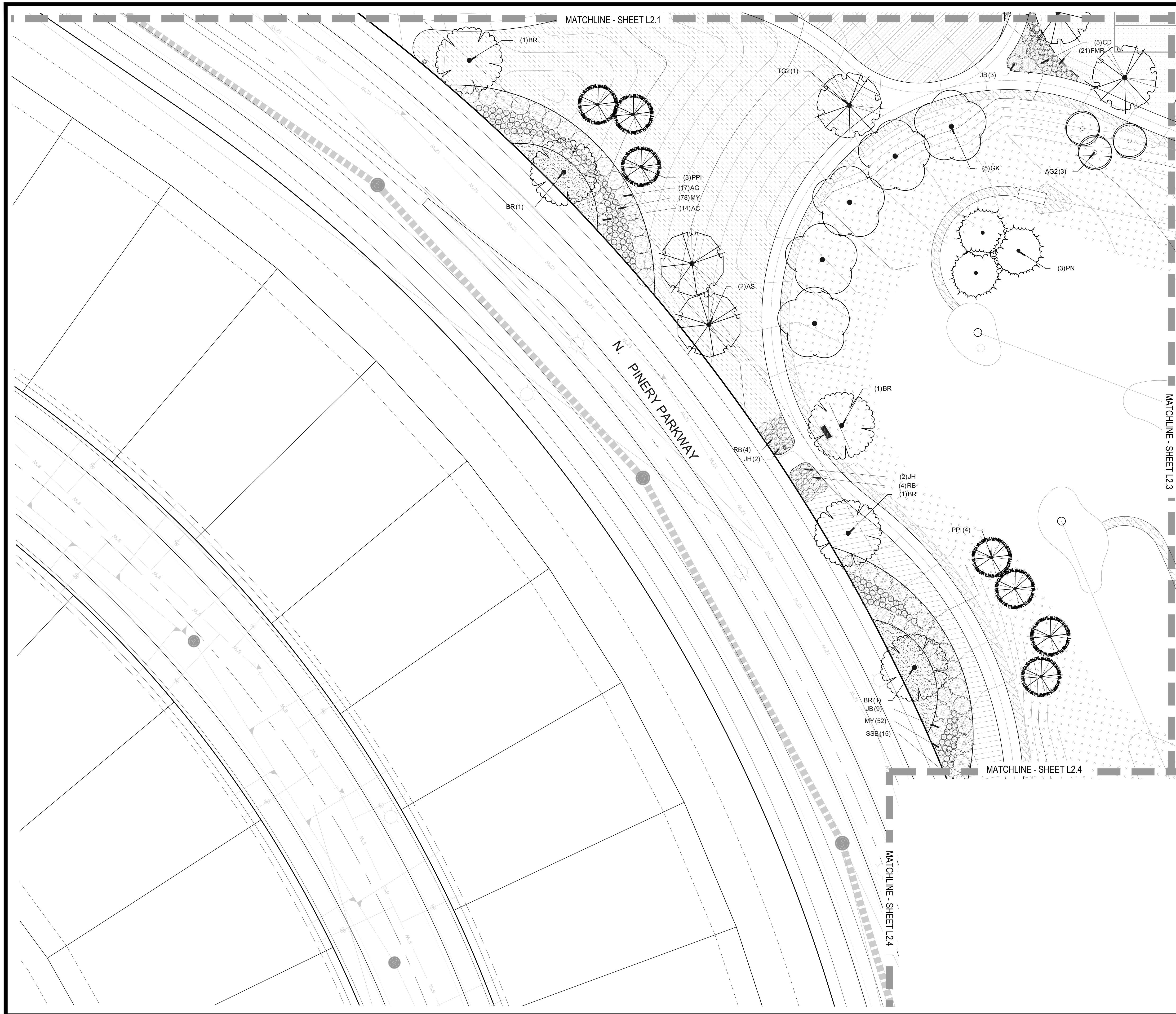
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Sheet Name
LANDSCAPE PLAN

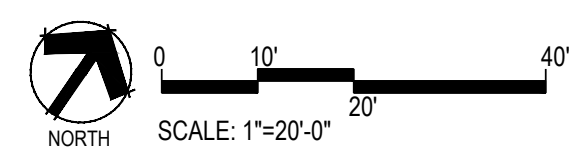
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PLANT SCHEDULE

COMMON NAME	COMMON NAME
DECIDUOUS TREES	COMMON NAME
AS SCHWEDLER MAPLE	AS SCHWEDLER MAPLE
BR RIVER BIRCH	BR RIVER BIRCH
GS SHADEMASTER LOCUST	GS SHADEMASTER LOCUST
GI IMPERIAL HONEYLOCUST	GI IMPERIAL HONEYLOCUST
GK KENTUCKY COFFEE TREE	GK KENTUCKY COFFEE TREE
OY AMERICAN HORNBEEAM	OY AMERICAN HORNBEEAM
PO AMERICAN SYCAMORE	PO AMERICAN SYCAMORE
QM BURR OAK	QM BURR OAK
OM2 CHINKAPIN OAK	OM2 CHINKAPIN OAK
OR RED OAK	OR RED OAK
TG2 GLENLEVEN LITTLELEAF LINDEN	TG2 GLENLEVEN LITTLELEAF LINDEN
UP GREENSPIRE LITTLELEAF LINDEN	UP GREENSPIRE LITTLELEAF LINDEN
AMERICAN ELM	AMERICAN ELM
EVERGREEN TREES	COMMON NAME
PC COLORADO SPRUCE	PC COLORADO SPRUCE
VAN VANDERWOLF'S PYRAMID PINE	VAN VANDERWOLF'S PYRAMID PINE
PSP LIMBER PINE	PSP LIMBER PINE
PN AUSTRIAN BLACK PINE	PN AUSTRIAN BLACK PINE
PPI PONDEROSA PINE	PPI PONDEROSA PINE
ORNAMENTAL TREES	COMMON NAME
AG2 ROCKY MOUNTAIN MAPLE	AG2 ROCKY MOUNTAIN MAPLE
WKH 'WINTER KING' HAWTHORN	'WINTER KING' HAWTHORN
ANNUALS/PERENNIALS	COMMON NAME
CV THREADLEAF COREOPSIS	CV THREADLEAF COREOPSIS
EP PURPLE CONEFLOWER	EP PURPLE CONEFLOWER
BES BLACK-EYED SUSAN	BES BLACK-EYED SUSAN
DECIDUOUS SHRUBS	COMMON NAME
SSB SASKATOON SERVICEBERRY	SSB SASKATOON SERVICEBERRY
AG 'AUTUMN BRILLIANCE' SERVICEBERRY	'AUTUMN BRILLIANCE' SERVICEBERRY
CD BLUE MIST SHRUB	CD BLUE MIST SHRUB
RB RABBITRUSH	RB RABBITRUSH
CB RED TWIG DOGWOOD	CB RED TWIG DOGWOOD
CH ROCK COTONEASTER	CH ROCK COTONEASTER
FN NEW MEXICO PRIVET	FN NEW MEXICO PRIVET
PS2 ROCKY MOUNTAIN PENSTEMON	PS2 ROCKY MOUNTAIN PENSTEMON
PA RUSSIAN SAGE	PA RUSSIAN SAGE
PJ JACKMAN'S POTENTILLA	PJ JACKMAN'S POTENTILLA
RHU GROUND LOW FRAGRANT SUMAC	GROUND LOW FRAGRANT SUMAC
RG GOLDEN CURRANT	RG GOLDEN CURRANT
FMR FIRE MEIDLAND ROSE	FIRE MEIDLAND ROSE
RW WHITE MEIDLAND ROSE	WHITE MEIDLAND ROSE
EVERGREEN SHRUBS	COMMON NAME
AC MANZANITA	AC MANZANITA
AP PANCHITO MANZANITA	PANCHITO MANZANITA
JB BLUE CHIP JUNIPER	JB BLUE CHIP JUNIPER
JH HUGHES JUNIPER	JH HUGHES JUNIPER
BUJ BUFFALO JUNIPER	BUJ BUFFALO JUNIPER
PS MUGO PINE	PS MUGO PINE
ORNAMENTAL GRASSES	COMMON NAME
CK FEATHER REED GRASS	CK FEATHER REED GRASS
MY YAKU JIMA DWARF MAIDEN GRASS	YAKU JIMA DWARF MAIDEN GRASS
PH BLUE SWITCH GRASS	PH BLUE SWITCH GRASS
PB2 LITTLE BUNNY FOUNTAIN GRASS	LITTLE BUNNY FOUNTAIN GRASS
GROUND COVERS	COMMON NAME
BLUEGRASS SOD	BLUEGRASS SOD
RE: LANDSCAPE NOTES	RE: LANDSCAPE NOTES
BUFFALO GRASS	BUFFALO GRASS
RE: LANDSCAPE NOTES	RE: LANDSCAPE NOTES
CRUSHER FINES	CRUSHER FINES
FIBAR PLAYGROUND MULCH	FIBAR PLAYGROUND MULCH
G&S SOLUTIONS-CLASSIC INFIELD MIX, GOLD	G&S SOLUTIONS-CLASSIC INFIELD MIX, GOLD
COLOR: GOLD, WITHOUT STABILIZER	COLOR: GOLD, WITHOUT STABILIZER
ROCK MULCH GREY, 2" DIA. COBBLE	ROCK MULCH GREY, 2" DIA. COBBLE
3" DEPTH, RE: LDISCP NOTES	3" DEPTH, RE: LDISCP NOTES
ROCK MULCH TAN, 2" DIA. COBBLE	ROCK MULCH TAN, 2" DIA. COBBLE
3" DEPTH, RE: LDISCP NOTES	3" DEPTH, RE: LDISCP NOTES
SEED MIX 1	SEED MIX 1
TOWN OF PARKER - SEED MIX 1,	TOWN OF PARKER - SEED MIX 1,
RE: LANDSCAPE NOTES	RE: LANDSCAPE NOTES
SEED MIX 2	SEED MIX 2
TOWN OF PARKER - SEED MIX 2,	TOWN OF PARKER - SEED MIX 2,
RE: LANDSCAPE NOTES	RE: LANDSCAPE NOTES
G&S SOLUTIONS CLASSIC WARNING TRACK MIX	G&S SOLUTIONS CLASSIC WARNING TRACK MIX
COLOR:GOLD, WITHOUT STABILIZER	COLOR:GOLD, WITHOUT STABILIZER



Prepared For
ESX MANAGEMENT
 7353 SOUTH ALTON WAY
 CENTENNIAL, CO 80112

Land Planning
 people creating spaces
pcs group inc. www.pcsgroupco.com
 #3, 8-180 independence plaza
 1007 14th street, denver, co 80202
 1.303.531.4905 f. 1.303.531.4908

Engineering
CVL
CONSULTANTS
 10333 E. DRY CREEK RD. #240
 ENGLEWOOD, CO 80112
 720-482-9526

TRAILS AT CROWFOOT
PARK PLANS
 PARKER, COLORADO
LANDSCAPE PLANS

Drawn by: BEM, GG
 Checked by: PCS STAFF
 Submittal Date: 08.01.2017
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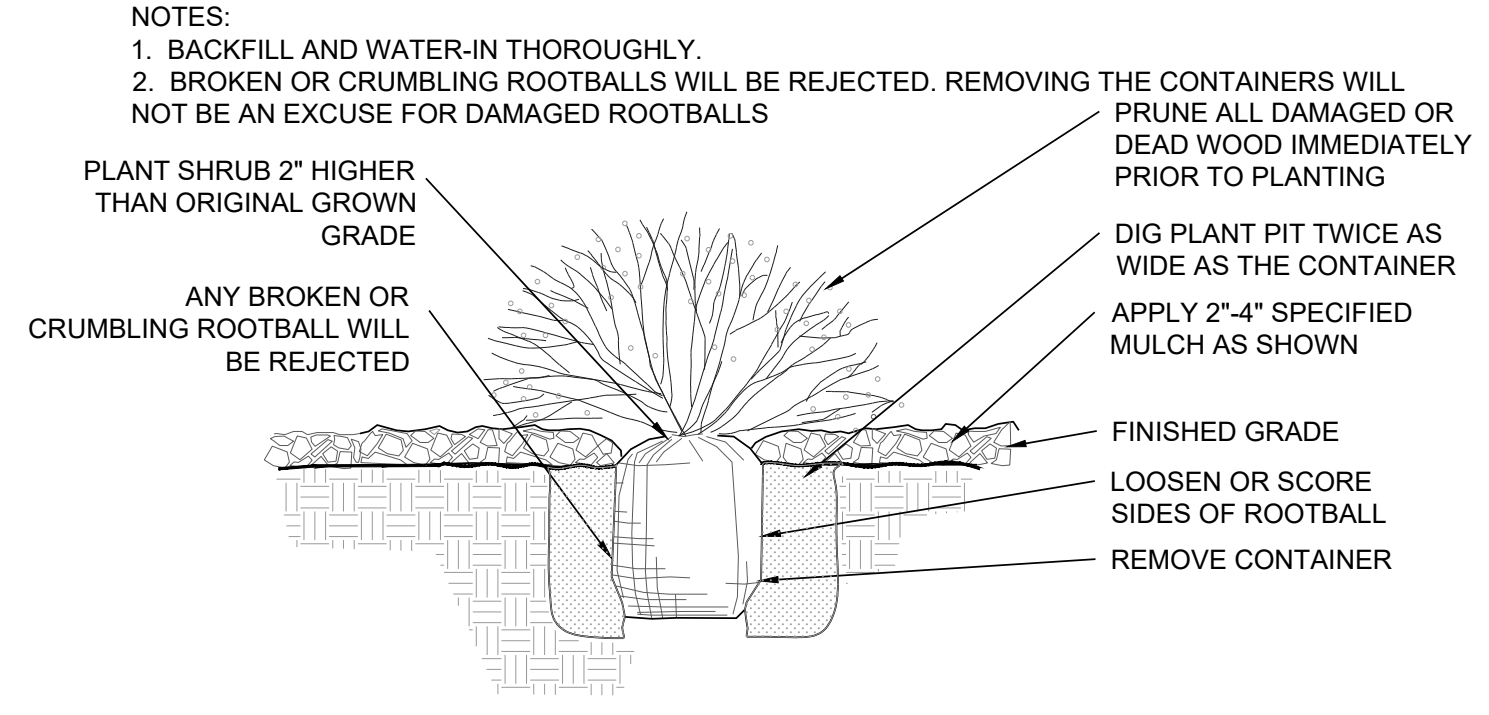
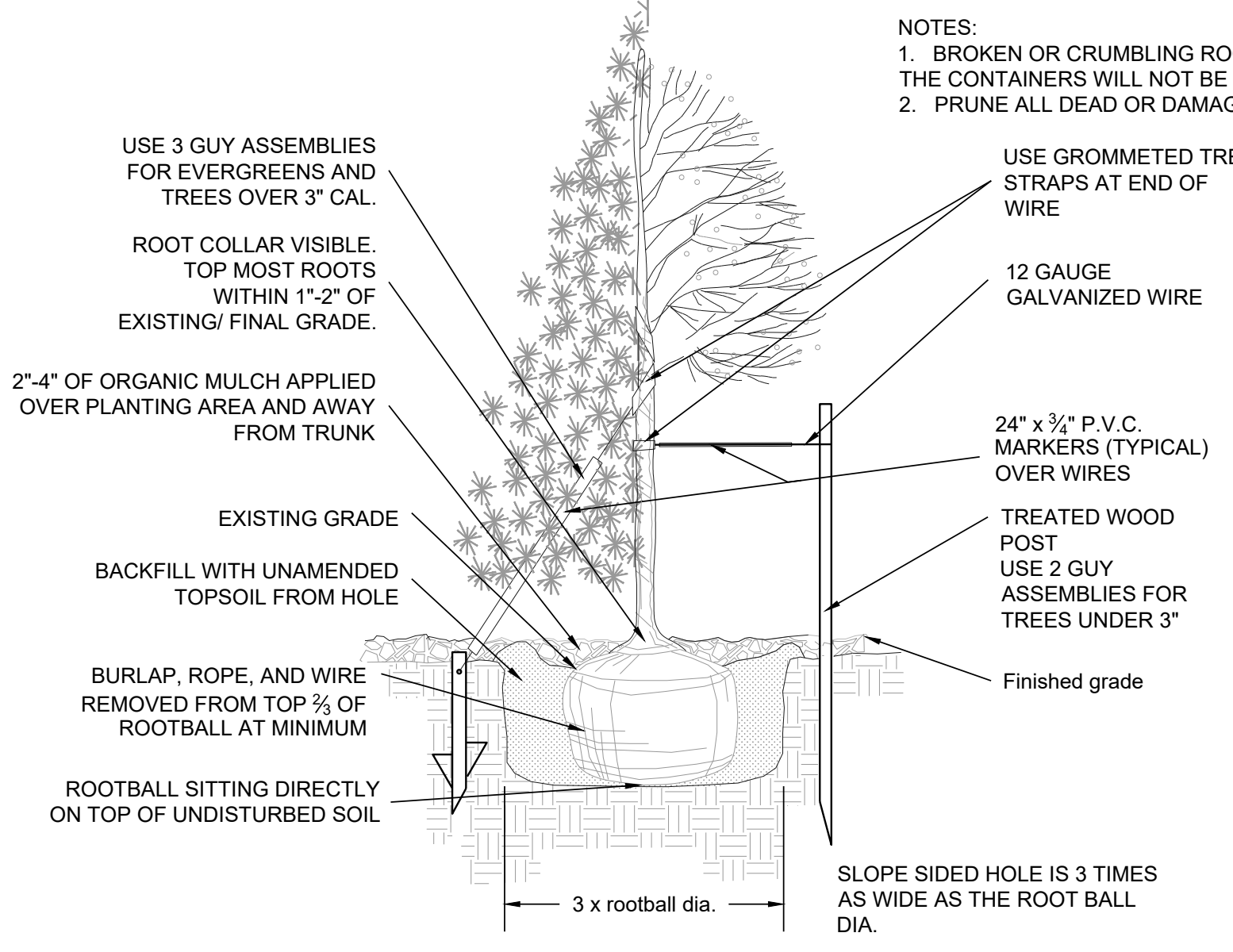
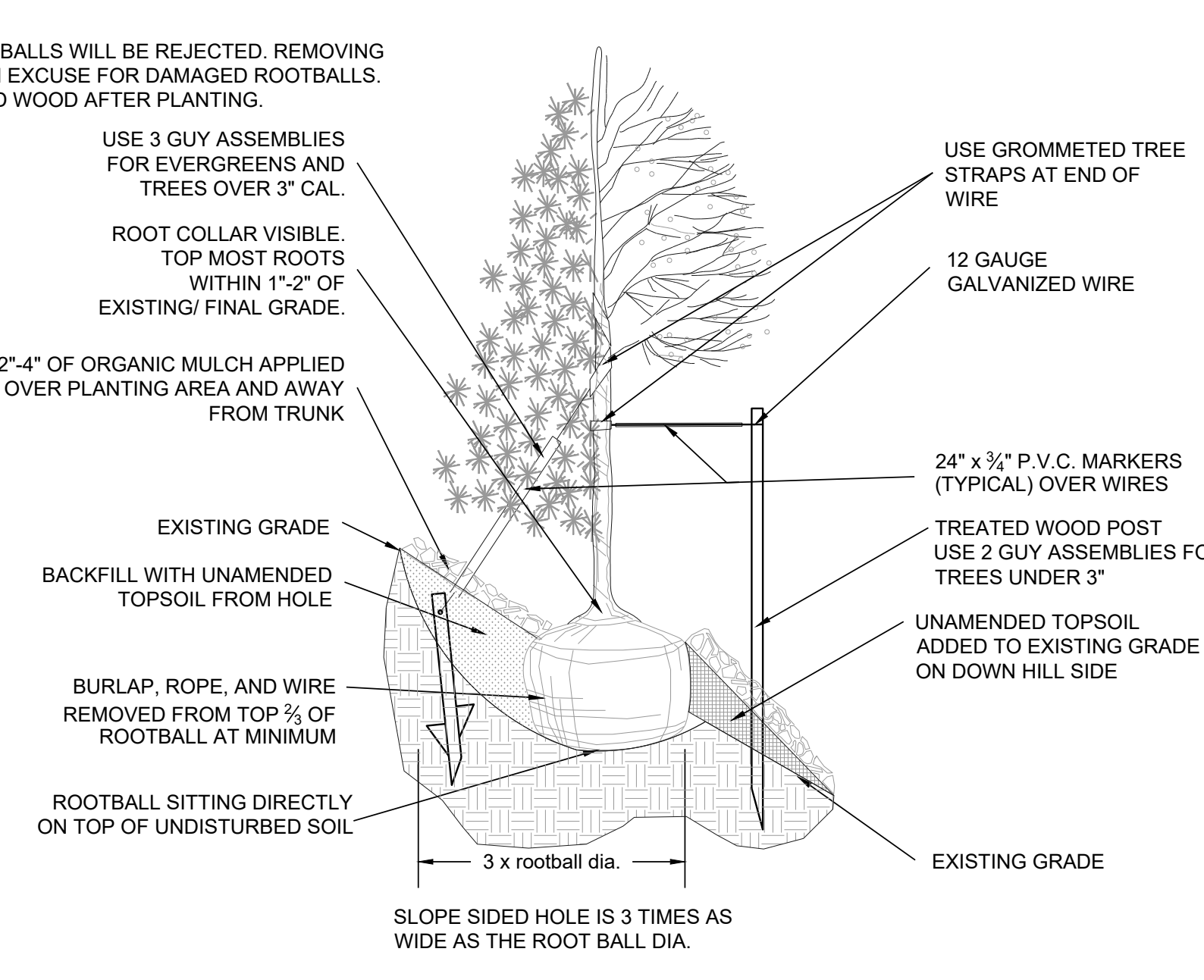
Sheet Name
AMENITY PLAN

Sheet Number
L2.2



Drawn by:	BEM, GG
Checked by:	PCS STAFF
Submittal Date:	08.01.2017
Date:	02.27.2018
Know what's below. Call before you dig.	08.20.2020
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	11.23.2020

- NOTES:**
1. ALL WORK TO BE DONE AT TIME OF PLANTING
 2. PEEL BACK ONLY TOP OF BURLAP REQUIRED TO PERFORM WORK. REPLACE BURLAP BEFORE MOVING TREE INTO PLANTING PIT. DO NOT REMOVE WIRE BASKET UNTIL INSIDE PLANTING PIT.
 3. MEASURE NEW HEIGHT OF ROOTBALL AND DIG PLANTING PIT SO FINAL TOP ROOTBALL GRADE IS 3" ABOVE FINAL GRADE SURROUNDING BALL.
 4. EXCAVATE PLANTING HOLES WITH SLOPING SIDES. MAKE EXCAVATIONS AT LEAST THREE TIMES AS WIDE AS THE ROOT BALL DIAMETER AND NO DEEPER THAN THE DISTANCE FROM THE TOP MOST ROOTS IN THE ROOT BALL TO THE BOTTOM OF THE ROOT BALL TO ALLOW FOR SETTLING. DO NOT DISTURB SOIL AT BOTTOM OF PLANTING HOLES, BUT DO SCORE THE SIDES OF THE PLANTING HOLE. THE PLANTING AREA SHALL BE LOOSENEED AND AERATED AT LEAST THREE TIMES THE DIAMETER OF THE ROOT BALL. BACKFILL SHALL CONSIST OF EXISTING SITE TOPSOIL - NO AMENDMENTS SHALL BE USED UNLESS OTHERWISE SPECIFIED.
 5. TREES SHALL BE PLANTED WITH THE ROOT COLLAR/FLARE VISIBLE ABOVE GRADE AND TWO OR MORE STRUCTURAL ROOTS LOCATED WITHIN THE TOP 1" TO 2" OF THE ROOT BALL/FINISHED GRADE MEASURED 3" TO 4" FROM TRUNK. THIS INCLUDES TREES THAT ARE SET ON SLOPES (SEE SLOPE PLANTING DETAIL). TREES THAT DO NOT HAVE A VISIBLE ROOT COLLAR SHALL BE REJECTED. DO NOT COVER THE ROOT BALL WITH SOIL.
 6. WHEN ROOT BALL WILL REMAIN INTACT, CUT OFF BOTTOM 1/4 OF WIRE BASKET BEFORE PLACING TREE IN HOLE, CUT OFF REMAINDER OF BASKET AFTER TREE IS SET IN HOLE, REMOVE BASKET COMPLETELY. AT A MINIMUM, THE TOP 2/3 OF THE BURLAP AND BASKET SHALL BE REMOVED FROM THE ROOT BALL ON ALL TREES. REMOVE ALL NYLON TIES, TWINE, ROPE AND BURLAP. REMOVE UNNECESSARY PACKING MATERIAL FORM SOIL INTO A 3" TO 5" TALL WATERING RING (SAUCER) AROUND PLANTING AREA. THIS IS NOT NECESSARY IN IRRIGATED TURF AREAS. APPLY 2" TO 4" DEPTH OF SPECIFIED MULCH OVER PLANTING AREA AND INSIDE SAUCERS, AWAY FROM TRUNK. STAKING AND GUYING OF TREES IS OPTIONAL IN MOST PLANTING SITUATIONS. IN AREAS OF EXTREME WINDS OR ON STEEP SLOPES, STAKING MAY BE REQUIRED TO STABILIZE TREES. STAKING AND GUYING MUST BE REMOVED WITHIN 1 YEAR OF PLANTING DATE.
 7. TREE WRAP IS NOT TO BE USED ON ANY NEW PLANTINGS, EXCEPT IN LATE FALL PLANTING SITUATIONS AND ONLY THEN AFTER CONSULTATION WITH THE TOWN ARBORIST.
 8. RESETTING OF IMPROPERLY PLANTED TREES WILL ONLY BE ALLOWED IF IT IS DETERMINED THAT DOING SO WILL IN NO WAY COMPROMISE THE ROOT BALL, AND SHALL ONLY BE DONE WITH APPROVAL OF THE TOWN ARBORIST.

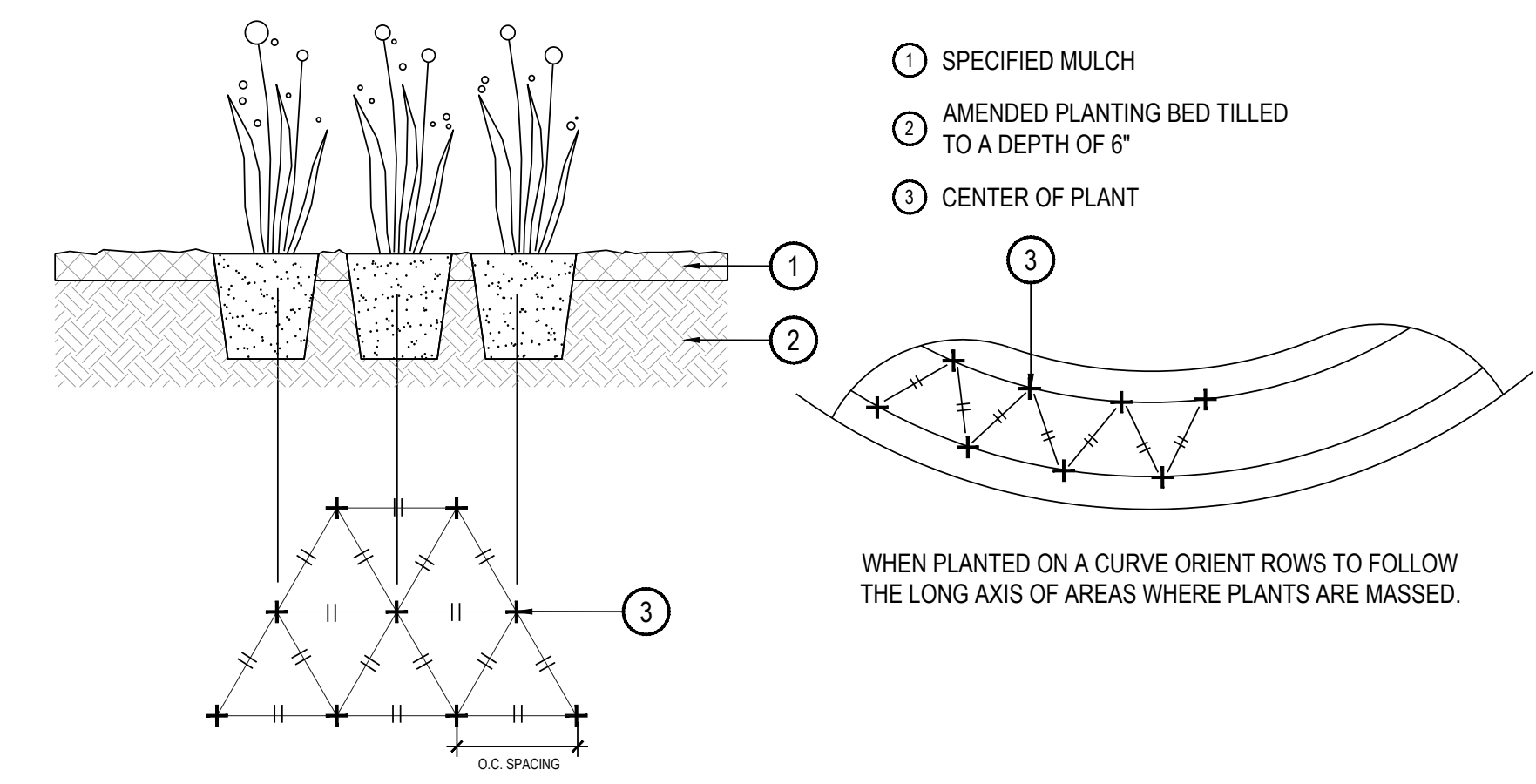


1 SHRUB PLANTING

NOT TO SCALE

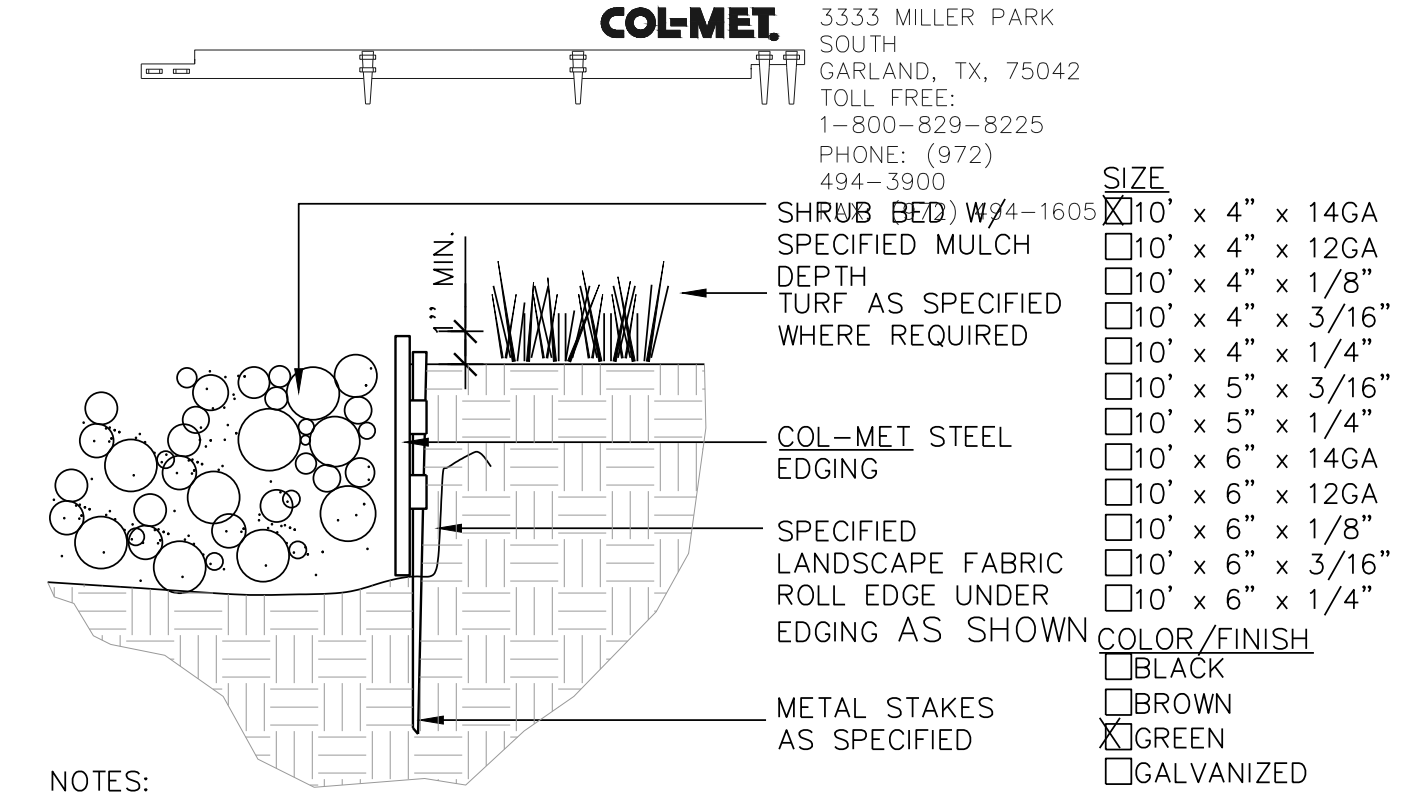
2 TREE PLANTING

NOT TO SCALE



3 PERENNIAL OR GRASS PLANTING

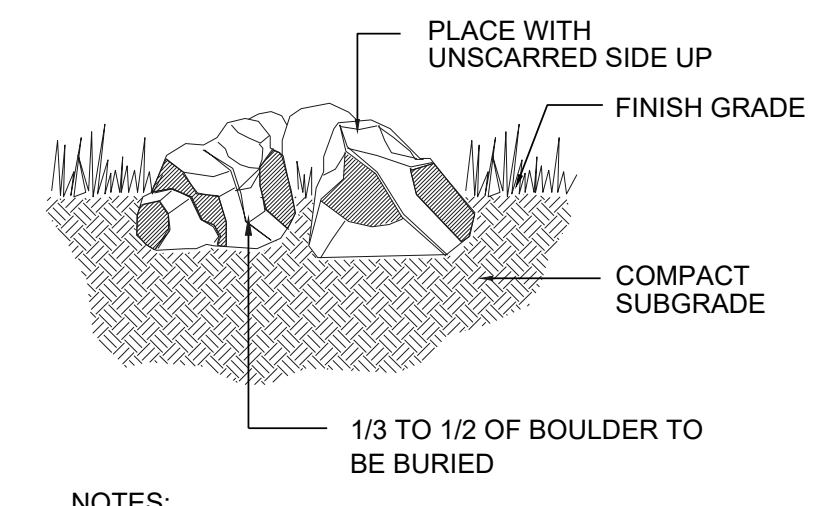
NOT TO SCALE



- NOTES:**
1. SET ALL EDGING 1" ABOVE FINISH GRADE AS SHOWN.
 2. EDGING SHALL ABUT ALL CONCRETE CURBS AND WALKS PERPENDICULAR, AND FLUSH W/ GRADES OF CONCRETE.
 3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 4. FOR PRODUCT ORDERING, DIVIDE NUMBER OF FEET NEEDED BY 9.33 TO OBTAIN THE NUMBER OF 10' PIECES NEEDED.

4 STEEL EDGER

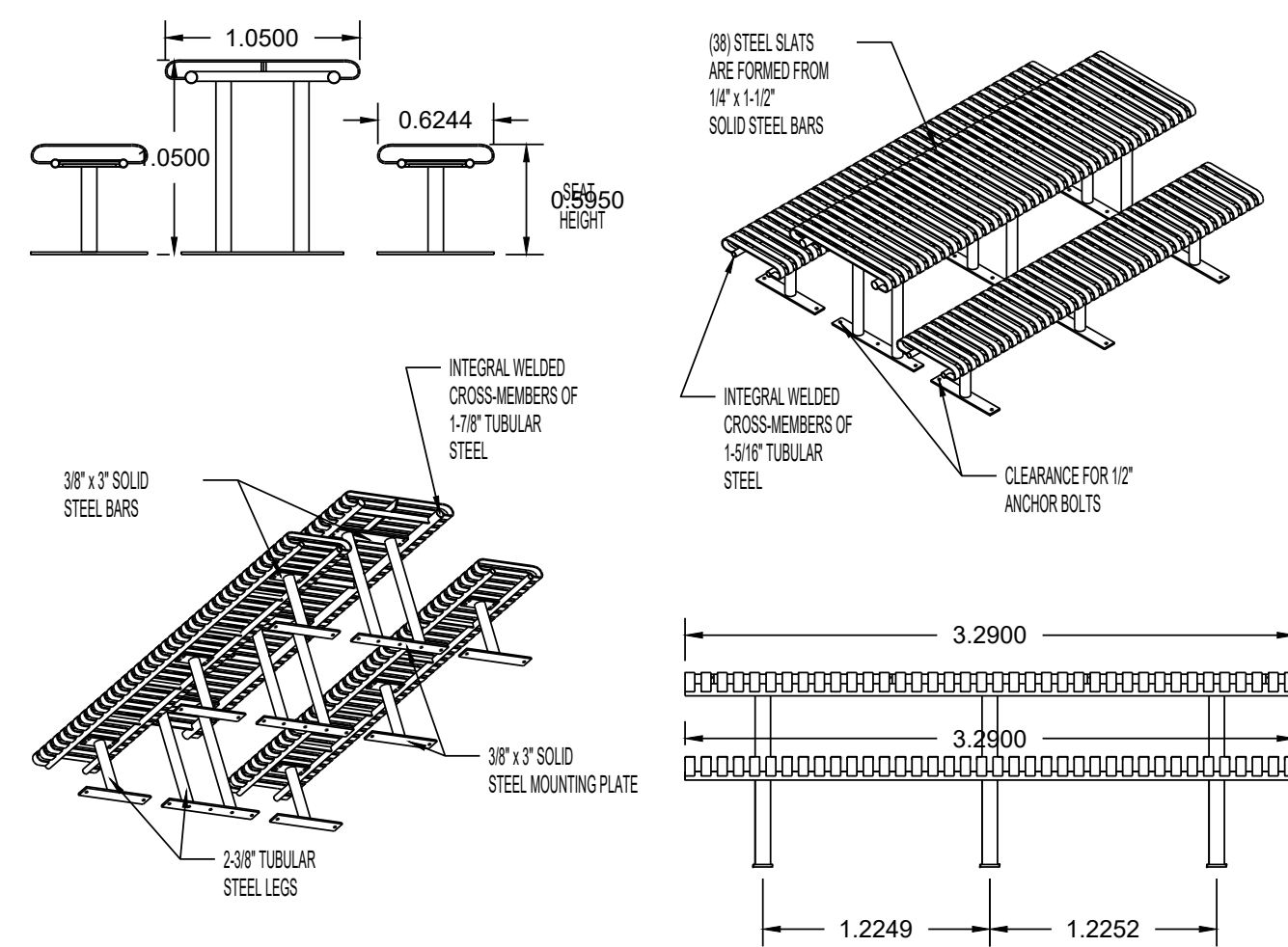
NOT TO SCALE



- NOTES:**
1. DO NOT FRACTURE BOULDER DURING PLACEMENT, SUCH ACTION WILL BE CAUSE FOR REJECTION.
 2. SELECT AND PLACE BOULDER SO THAT A MINIMUM OF EXCAVATION SCARS ARE VISIBLE.

5 SPECIMEN LANDSCAPE BOULDER

NOT TO SCALE



AVAILABLE OPTIONS:
POWDER COATING
10 STANDARD COLORS, CUSTOM COLORS (INCLUDING THE RAL RANGE)
MOUNTING
STANDARD IN-GROUND AND SURFACE

- NOTES:
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FULL CURENESS AND BUILT COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS.
3. IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL TABLE AND BENCHES ARE IN PLACE. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. ANCHOR BOLTS NOT PROVIDED BY VICTOR STANLEY, INC.
5. FOR HIGH SALT ABUSIVE CLIMATES, HOT-DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. SEE WRITTEN SPECIFICATIONS FOR DETAILS.
6. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
7. THIS PRODUCT IS SHIPPED PARTIALLY UNASSEMBLED.

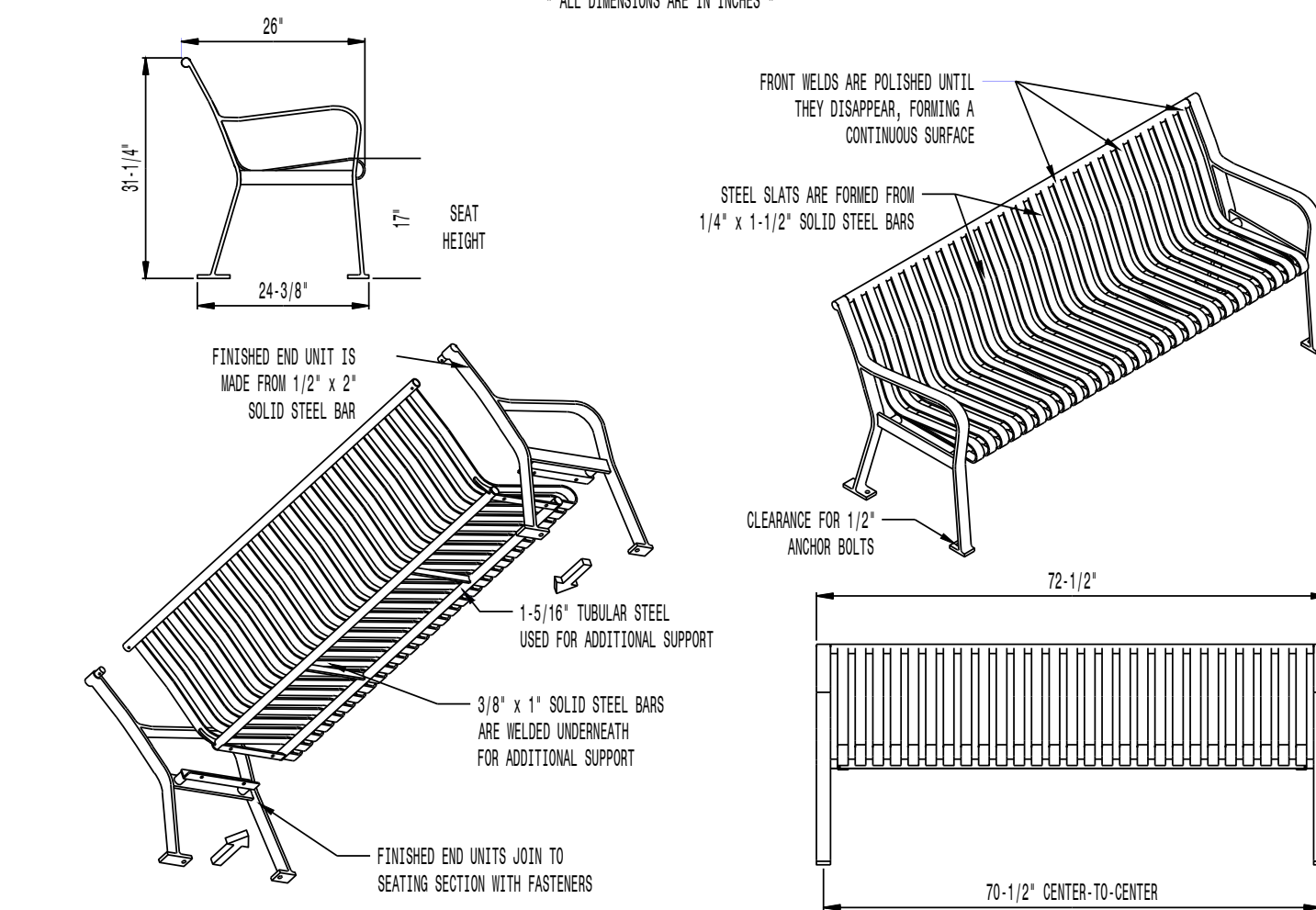


FRST-6
STEEL SITES SERIES
STANDARD ALL STEEL TABLE
SHOWN: STANDARD 8-FOOT LENGTH STANDARD SURFACE MOUNT
(7) FR84 STANDARD 8-FOOT LENGTH BENCHES STANDARD SURFACE MOUNT

MODEL: FRST-8 (8' LENGTH) COLOR: BLACK
MANUFACTURER: VICTOR STANLEY, INC.
AS SUPPLIED BY DOWNS & ASSOCIATES
CONTACT: MELANIE POLANCO
P: 303-744-0399

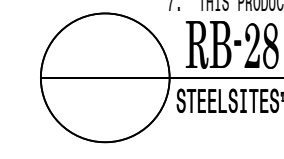
1 PICNIC TABLE

NOT TO SCALE



AVAILABLE OPTIONS:
POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS,
CUSTOM COLORS (INCLUDING THE RAL RANGE)
INTERMEDIATE & CENTER ARMRESTS
4\", 6\", & 8\"/>

LENGTHS
STANDARD 4'
STANDARD 6' (AS SHOWN)
STANDARD 8'

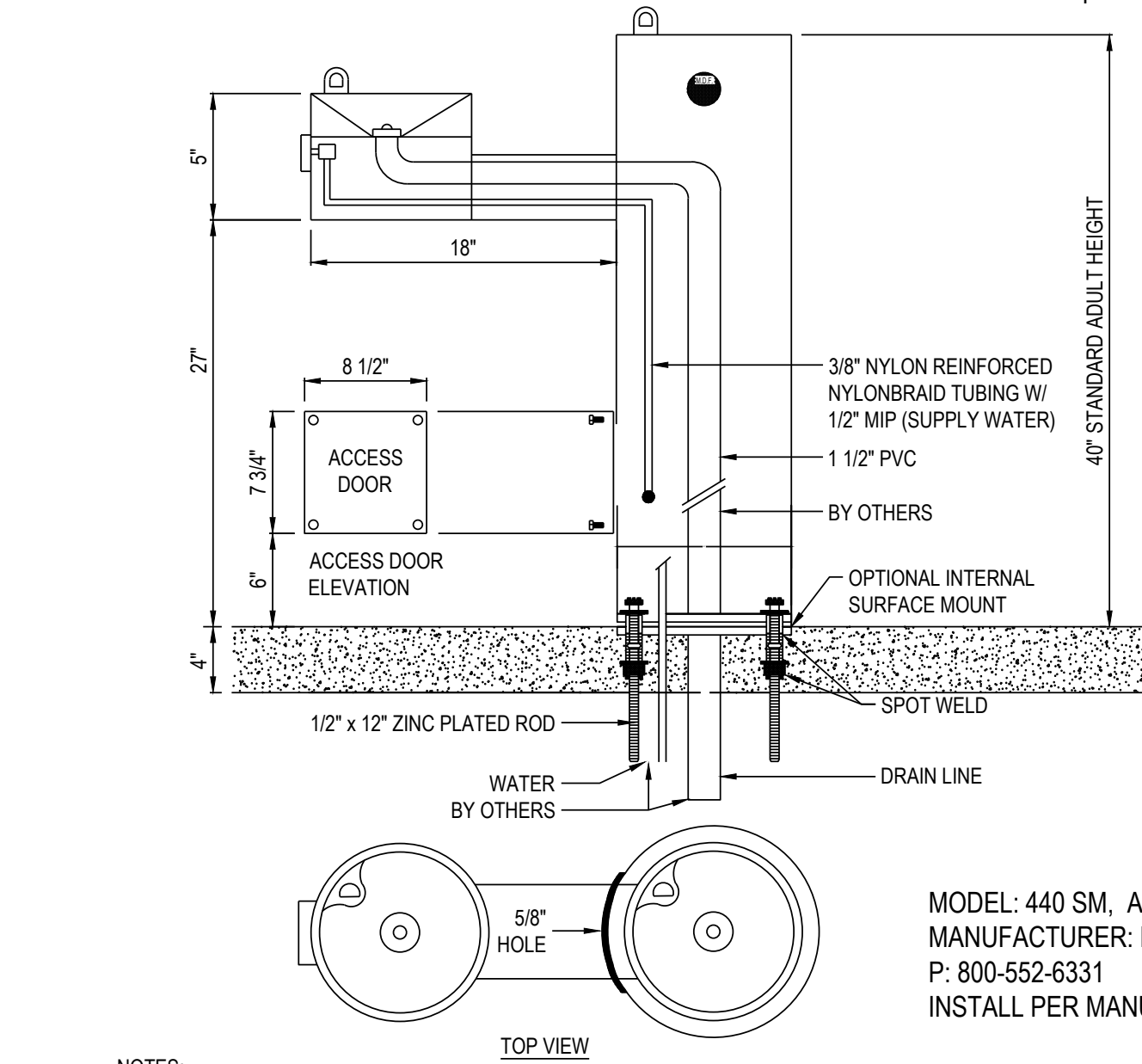


RB-28
STEEL SITES™ RB
ALL STEEL CONToured BENCH
SHOWN: STANDARD 6-FOOT LENGTH

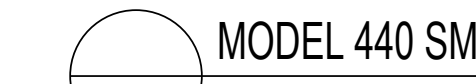
MODEL: RB-28, COLOR: BLACK
MANUFACTURER: VICTOR STANLEY, INC.
AS SUPPLIED BY DOWNS & ASSOCIATES
CONTACT: MELANIE POLANCO
P: 303-744-0399

2 BENCH W/ BACK

NOT TO SCALE



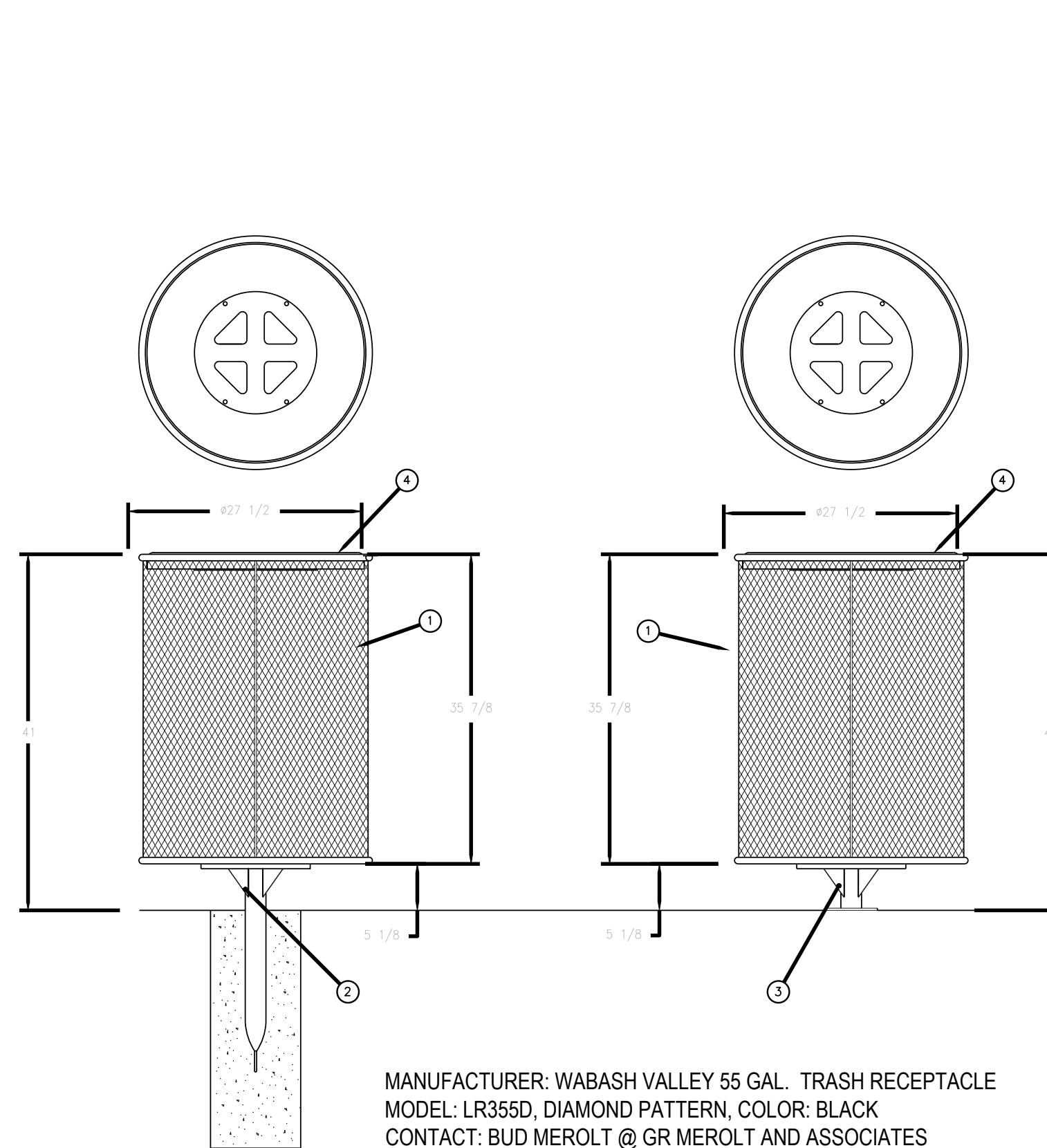
- NOTES:
1. MEETS ADA REGULATIONS.
2. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. DO NOT SCALE DRAWING.
5. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
6. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
7. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDDETAILS.COM/INFO AND ENTER REFERENCE NUMBER 3354-1.5.



MODEL 440 SM
SHOWN W/ OPTIONAL SS SURFACE CARRIER

3 DRINKING FOUNTAIN

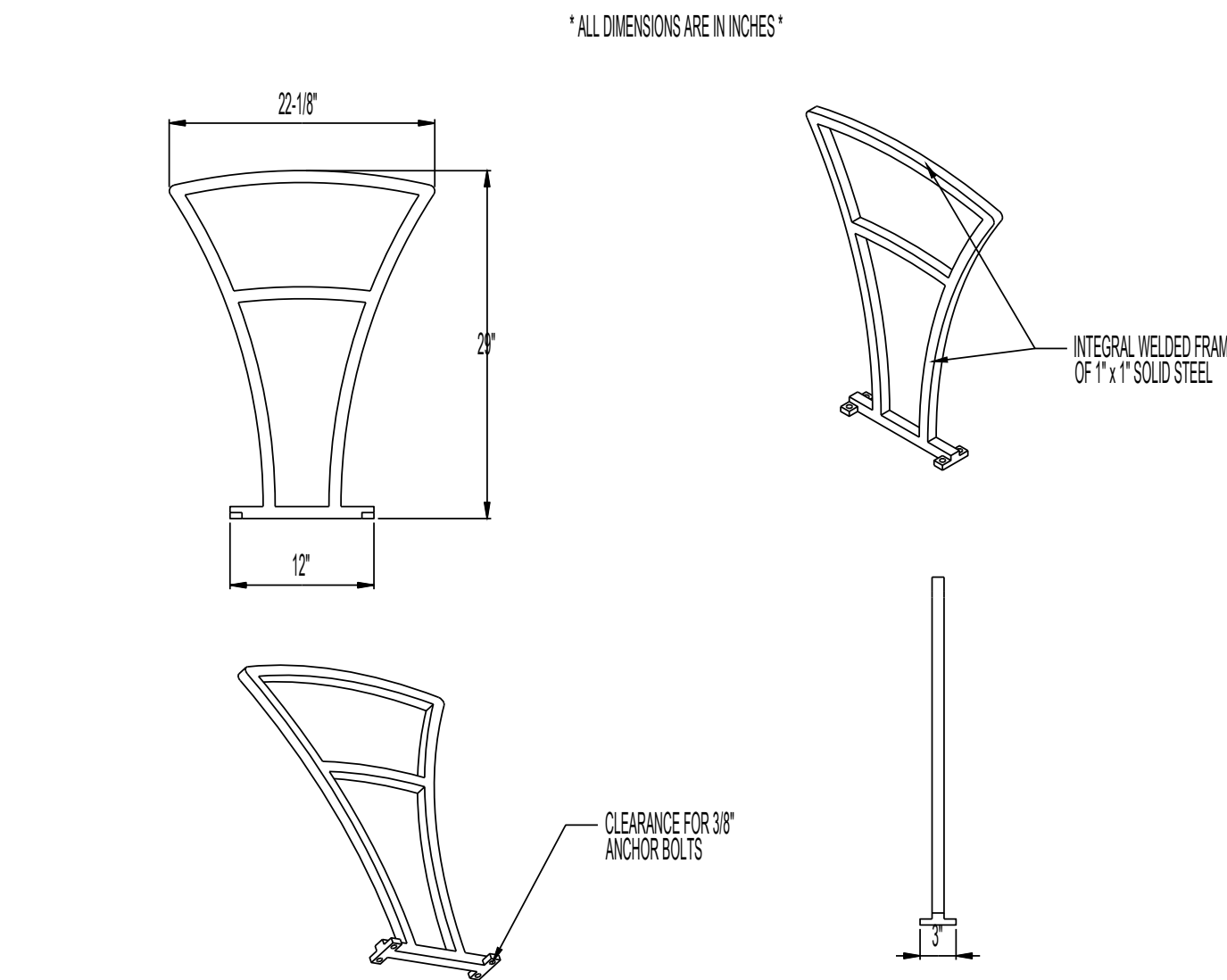
NOT TO SCALE



MANUFACTURER: WABASH VALLEY 55 GAL. TRASH RECEPTACLE
MODEL: LR355D, DIAMOND PATTERN, COLOR: BLACK
CONTACT: BUD MEROLTI @ GR MEROLTI AND ASSOCIATES
PH: (303) 762-1090
INSTALL PER MANUFACTURERS RECOMMENDATION

4 TRASH RECEPTACLE

NOT TO SCALE

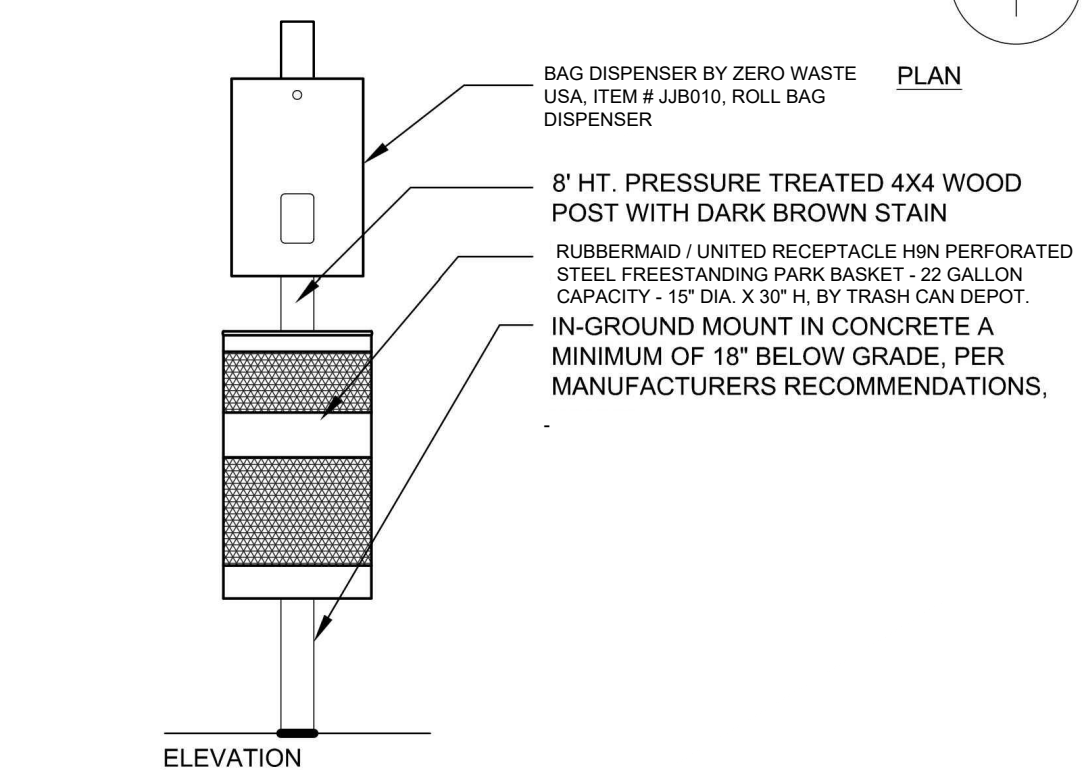


AVAILABLE OPTIONS:
POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS,
CUSTOM COLORS (INCLUDING THE RAL RANGE)

- NOTES:
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FULL CURENESS AND BUILT COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
3. IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL BIKE RACK IS IN PLACE. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. ANCHOR BOLTS NOT PROVIDED BY VICTOR STANLEY, INC.
5. FOR HIGH SALT ABUSIVE CLIMATES, HOT-DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. HOT-DIP GALVANIZING IS PERFORMED FOR VICTOR STANLEY, INC. BY AN EXPERIENCED QUALIFIED FIRM TO WHICH PRODUCTS ARE SHIPPED FOR GALVANIZING. HOT-DIP GALVANIZING INCLUDES AN AGGRESSIVE PRE-TREATMENT AND IMMERSION IN A TANK OF CHARGED LIQUID ZINC AT OR AROUND 860°F (460°C). THE RESULTING SURFACE IS RESISTANT TO RUST BUT HAS SOME UNEVENNESS RESULTING FROM THE BONDING OF THE ZINC TO THE STEEL SURFACE. AS A RESULT, THE POWDER-COATING SURFACE FINISH OVER THAT GALVANIZED SURFACE MAY EXHIBIT BUMPS, UNEVENNESS, AND MAY NOT BE AS SMOOTH AS THE STANDARD FINISH; THIS UNEVEN AND INCONSISTENT FINISH IS NORMAL FOR GALVANIZING. CONTACT MANUFACTURER FOR DETAILS.
6. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
7. THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

5 BIKE RACK

NOT TO SCALE



6 PET WASTE STATION

NOT TO SCALE



MODEL: FREESIA BIKE RACK BFRE-161
STANDARD CONVEX RIVETED LID
MANUFACTURER: VICTOR STANLEY, INC.
AS SUPPLIED BY DOWNS & ASSOCIATES
CONTACT:
MELANIE POLANCO
P: 303-744-0399

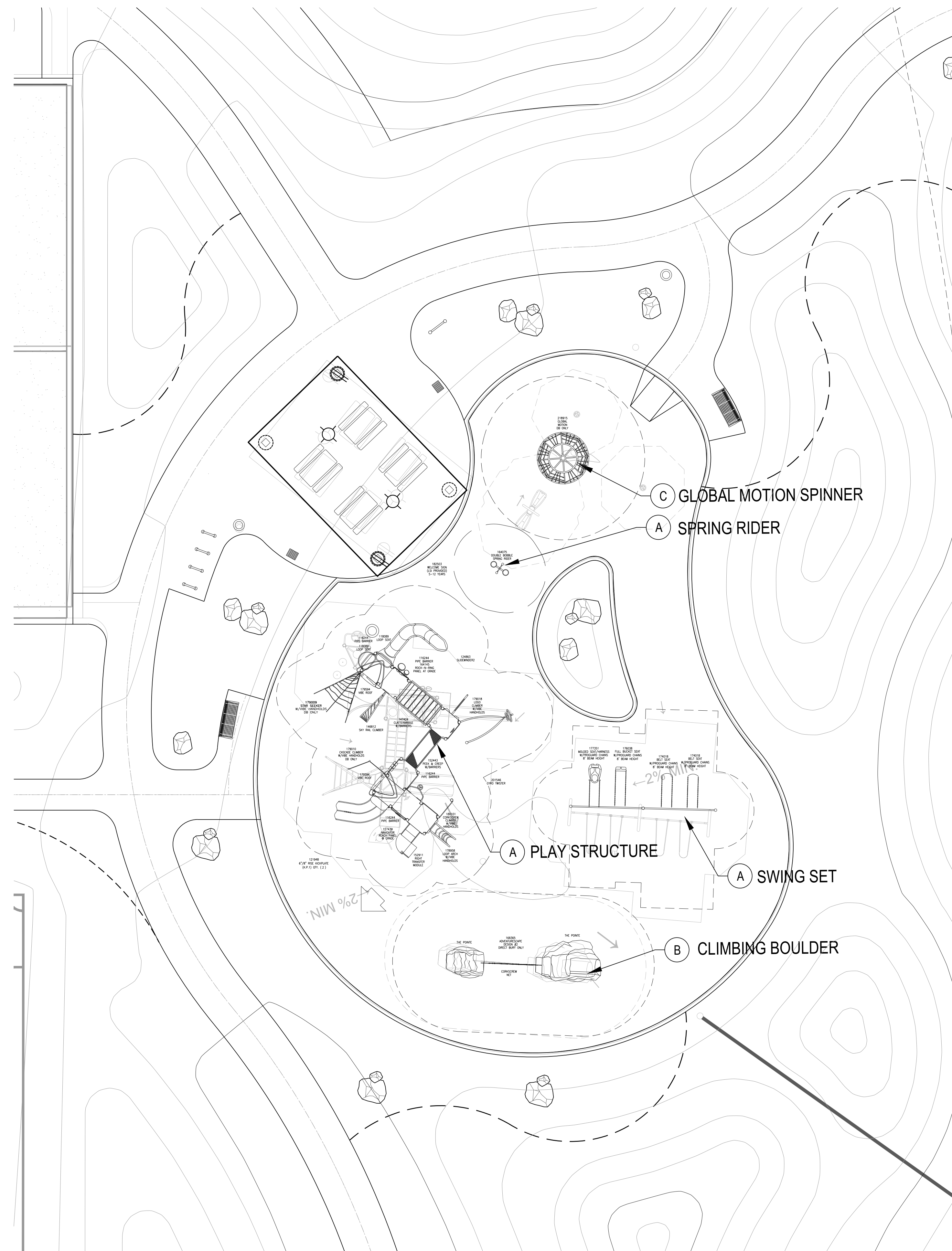
PATERSON-WILLIAMS ATHLETICS 15\"/>

7 GRILL

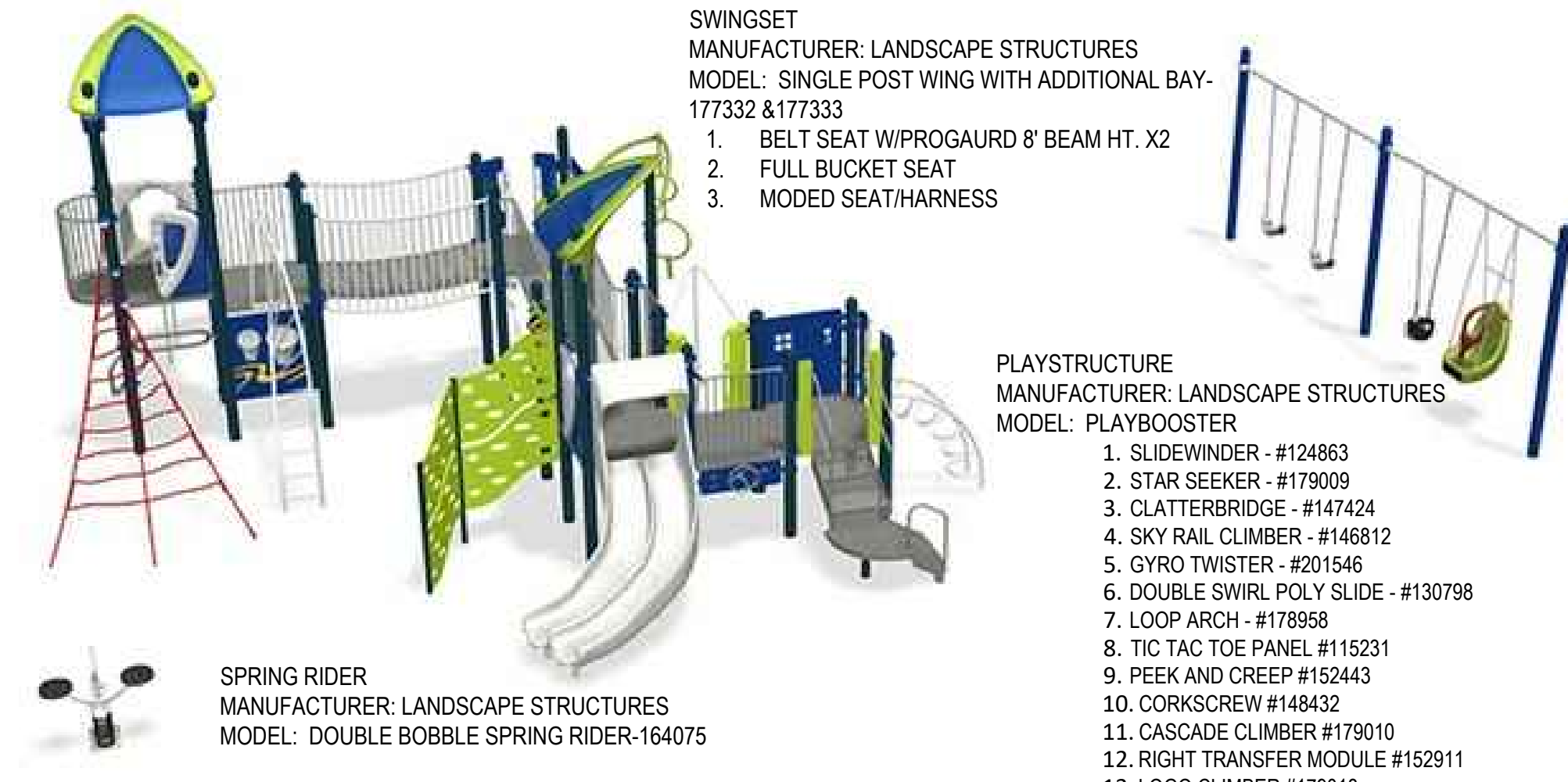
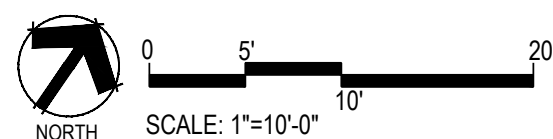
NOT TO SCALE

Drawn by:	BEM, GS
Checked by:	PCS STAFF
Submittal Date:	08.01.2017
Call before you dig:	02.27.2018
	08.20.2020
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	11.23.2020

YIHSS RANCH LANDSCAPE ARCHITECTURE CURRENT BUSINESS PARK PLANS DWG
Thursday, July 20, 2017



1 PLAYGROUND EQUIPMENT
NOT TO SCALE

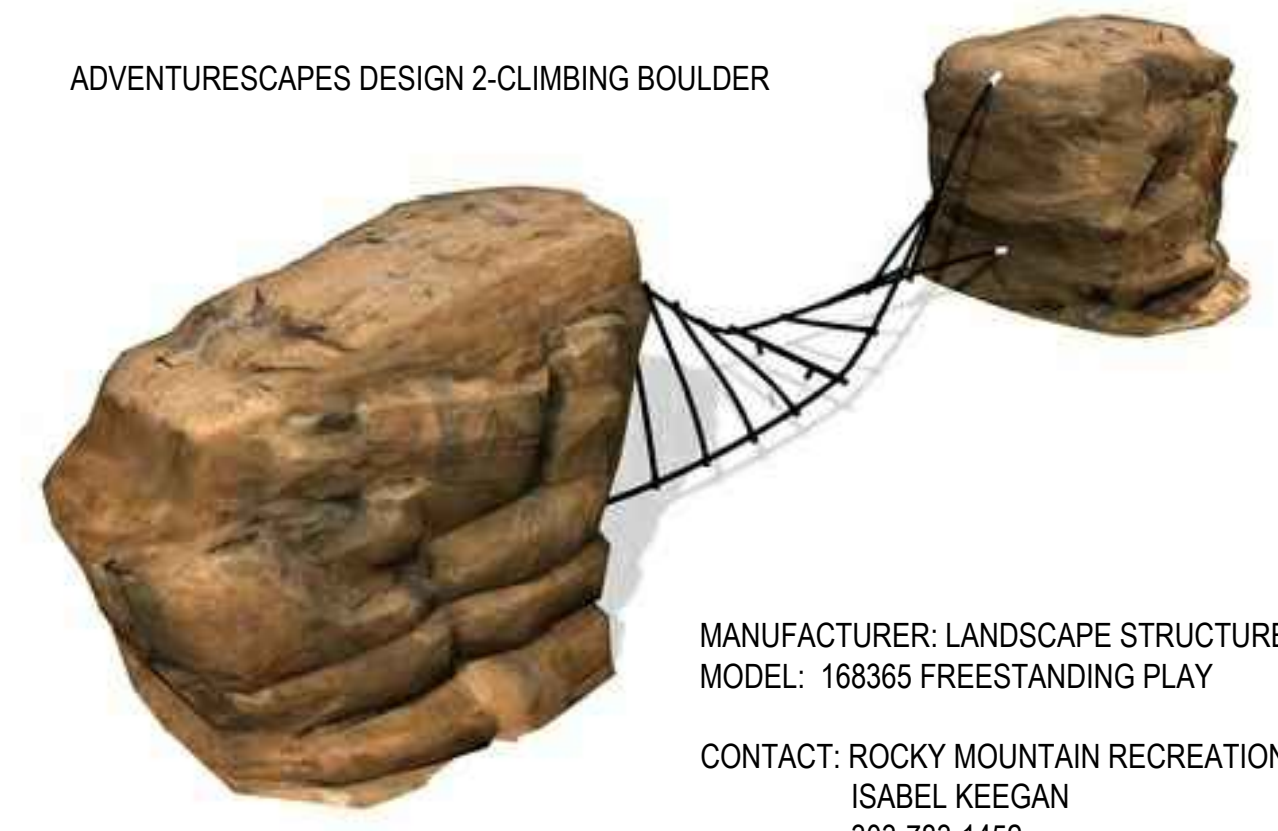


SWINGSET
MANUFACTURER: LANDSCAPE STRUCTURES
MODEL: SINGLE POST WING WITH ADDITIONAL BAY-177332 & 177333
1. BELT SEAT W/PROGAURD 8' BEAM HT. X2
2. FULL BUCKET SEAT
3. MODED SEAT/HARNESS

PLAYSTRUCTURE
MANUFACTURER: LANDSCAPE STRUCTURES
MODEL: PLAYBOOSTER
1. SLIDEWINDER - #124863
2. STAR SEEKER - #179009
3. CLATTERBRIDGE - #147424
4. SKY RAIL CLIMBER - #146812
5. GYRO TWISTER - #201546
6. DOUBLE SWIRL POLY SLIDE - #130798
7. LOOP ARCH - #178958
8. TIC TAC TOE PANEL #115231
9. PEEK AND CREEP #152443
10. CORKSCREW #148432
11. CASCADE CLIMBER #179010
12. RIGHT TRANSFER MODULE #152911
13. LOGO CLIMBER #179018

SPRING RIDER
MANUFACTURER: LANDSCAPE STRUCTURES
MODEL: DOUBLE BOBBLE SPRING RIDER-164075

A PLAY STRUCTURE/SWINGS/SPRINGRIDER
NOT TO SCALE



ADVENTURESAPES DESIGN 2-CLIMBING BOULDER

MANUFACTURER: LANDSCAPE STRUCTURES
MODEL: 168365 FREESTANDING PLAY
CONTACT: ROCKY MOUNTAIN RECREATION
ISABEL KEEGAN
303-783-1452

NOTES:
1. INSTALLATION PER MANUFACTURERS RECOMMENDATIONS

B CLIMBING BOULDER
NOT TO SCALE



MANUFACTURER: LANDSCAPE STRUCTURES
MODEL: 218915 FREESTANDING PLAY
CONTACT: ROCKY MOUNTAIN RECREATION

C GLOBAL MOTION SPINNER
NOT TO SCALE

Prepared For
ESX MANAGEMENT
7353 SOUTH ALTON WAY
CENTENNIAL, CO 80112

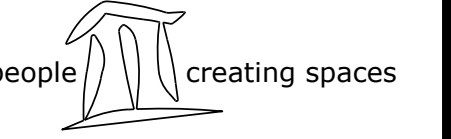
Land Planning
people creating spaces
pcs group inc. www.pcsgroupco.com
#3, 9-180 independence plaza
1007 14th street - denver, co 80202
1.303.531.4905 | 1.303.531.4908

Engineering
CVL CONSULTANTS
10333 E. DRY CREEK RD. #240
ENGLEWOOD, CO 80112
720-482-9526

TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
LANDSCAPE PLANS

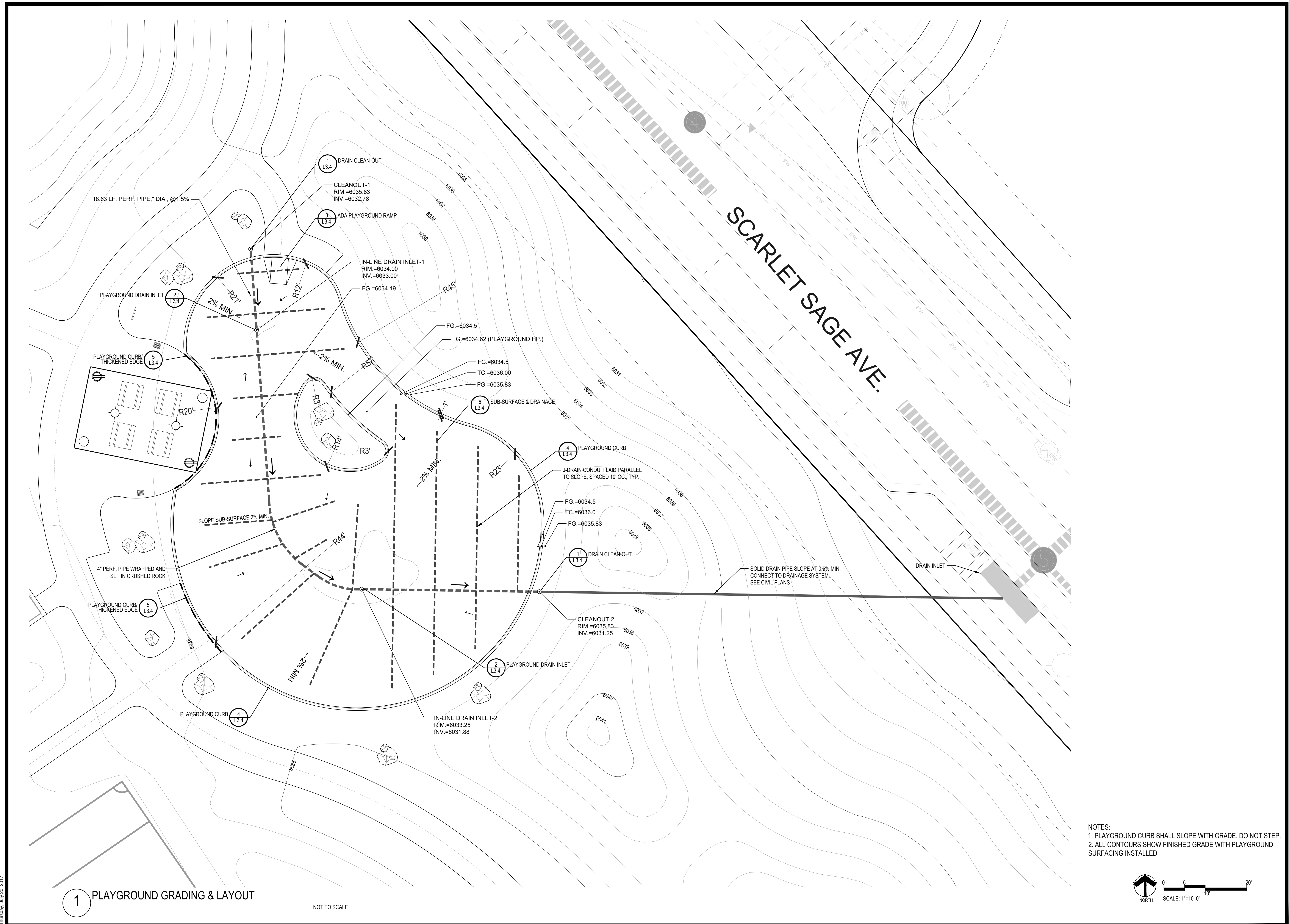
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	11.23.2020

Sheet Name
LANDSCAPE DETAILS
Sheet Number
L3.2

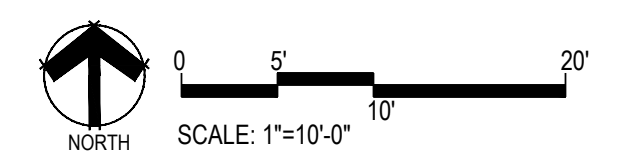


TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
LANDSCAPE PLANS

Drawn by:	BEM, GS
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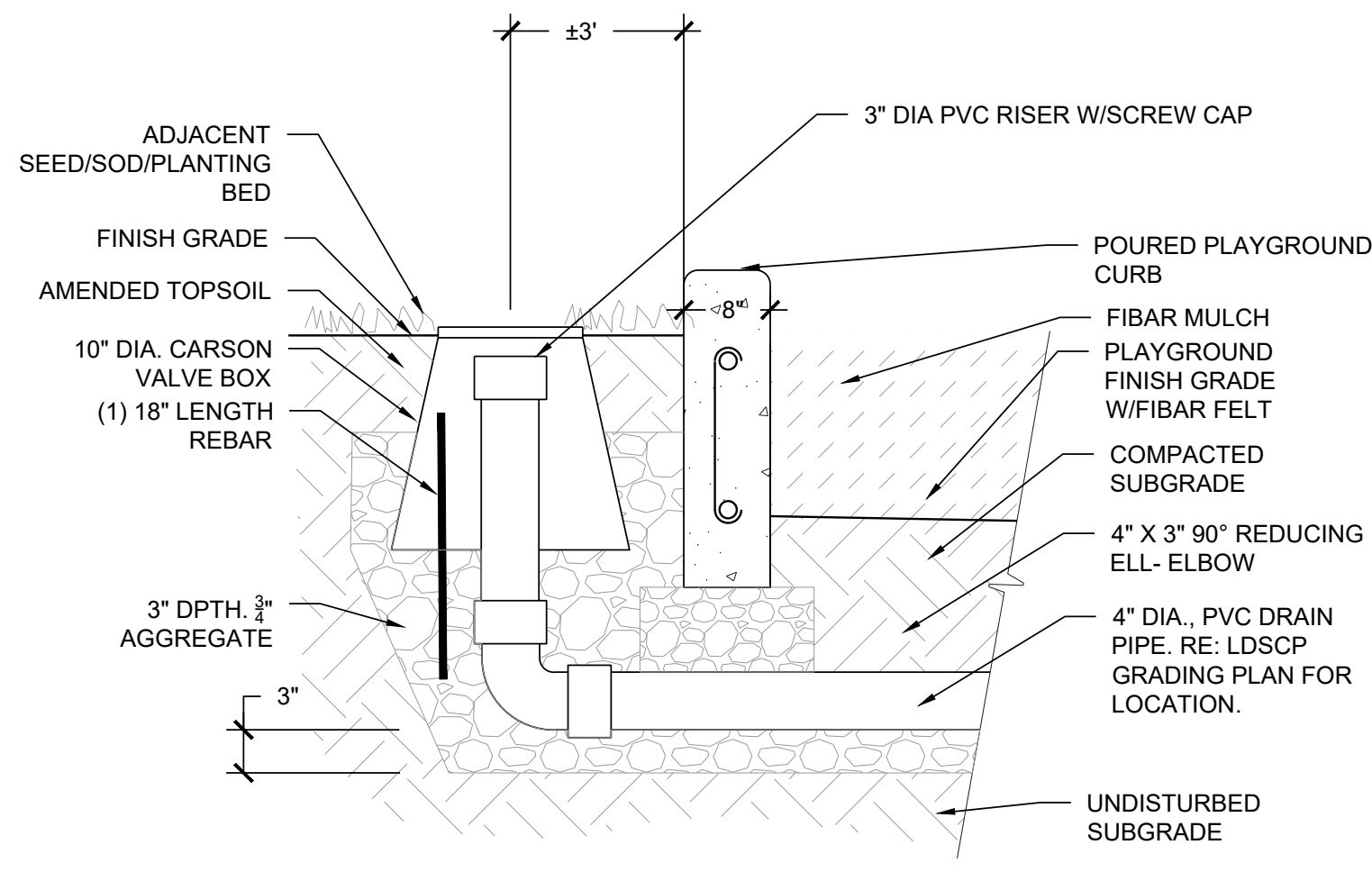


NOTES:
1. PLAYGROUND CURB SHALL SLOPE WITH GRADE. DO NOT STEP.
2. ALL CONTOURS SHOW FINISHED GRADE WITH PLAYGROUND SURFACING INSTALLED

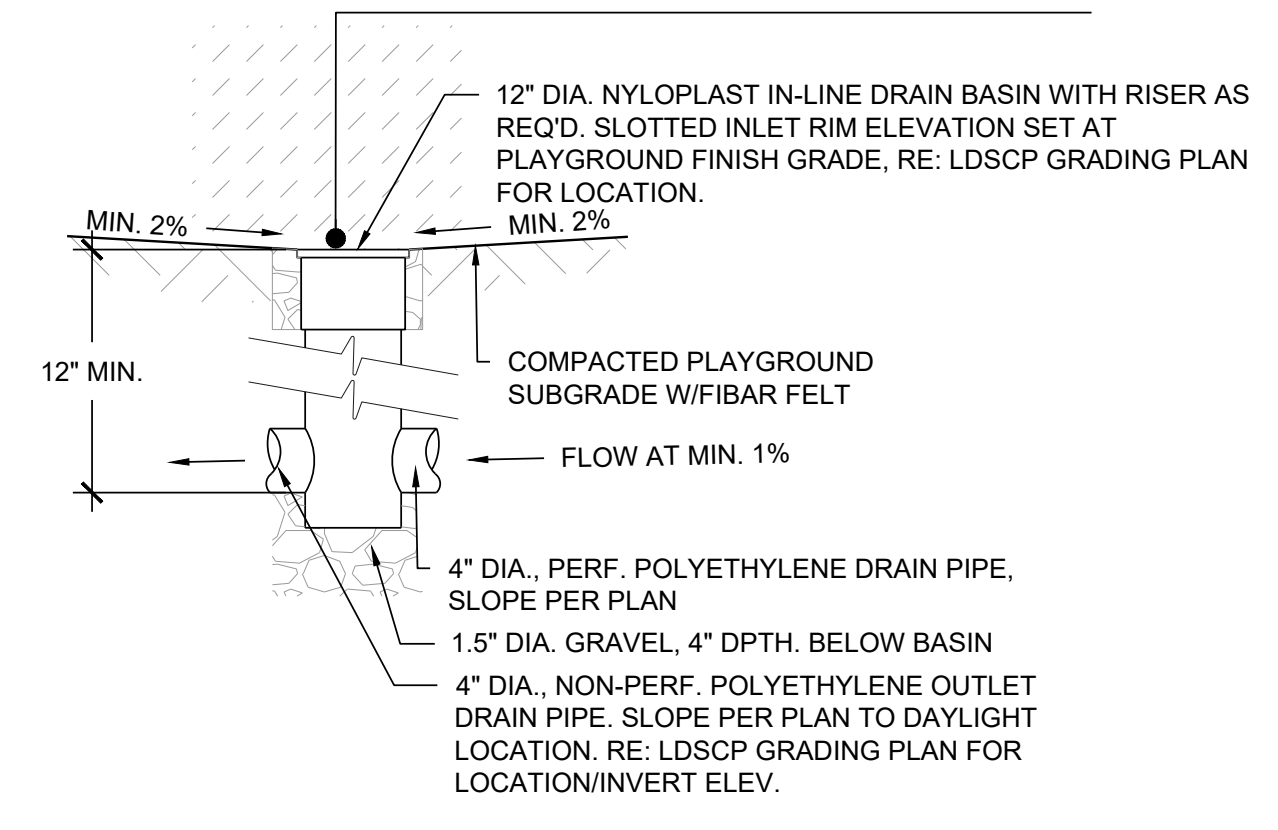


1 PLAYGROUND GRADING & LAYOUT
NOT TO SCALE

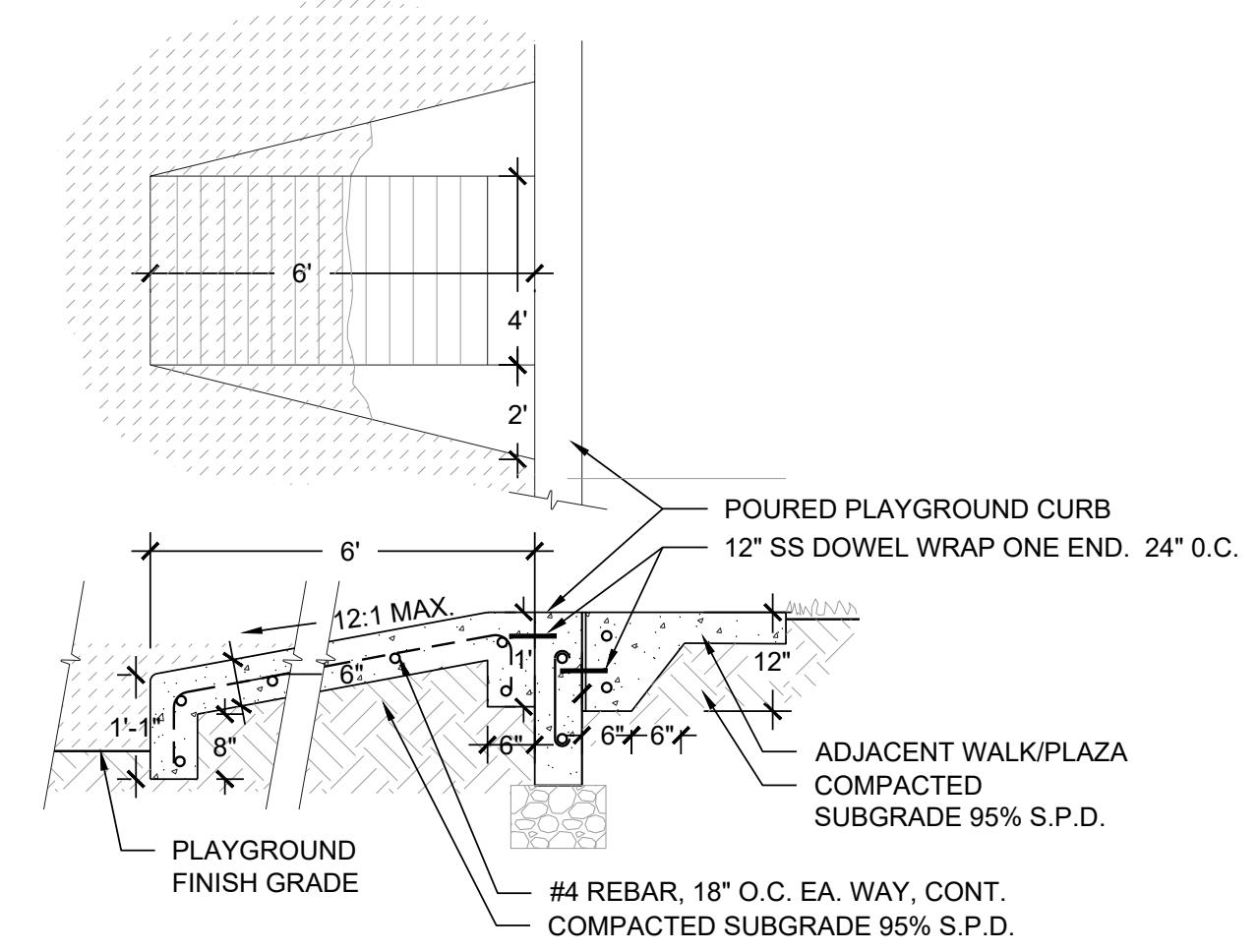
YIHSS RANCH LANDSCAPE ARCHITECTURE CURRENT BUSINESS PARK PLANS DWG
Thursday, July 20, 2017



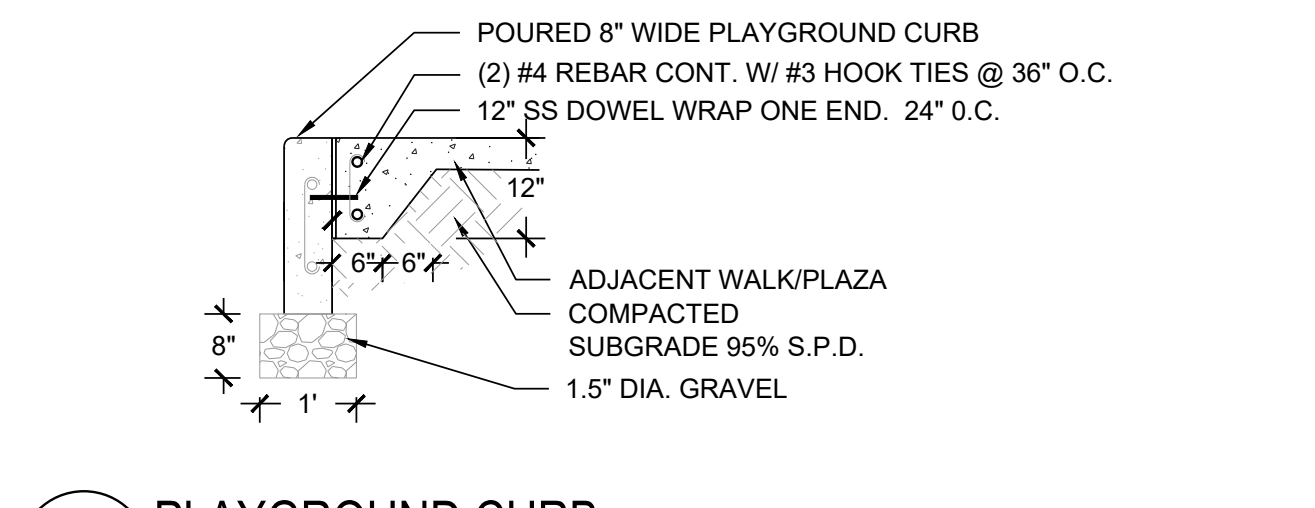
1 DRAIN CLEAN-OUT NOT TO SCALE



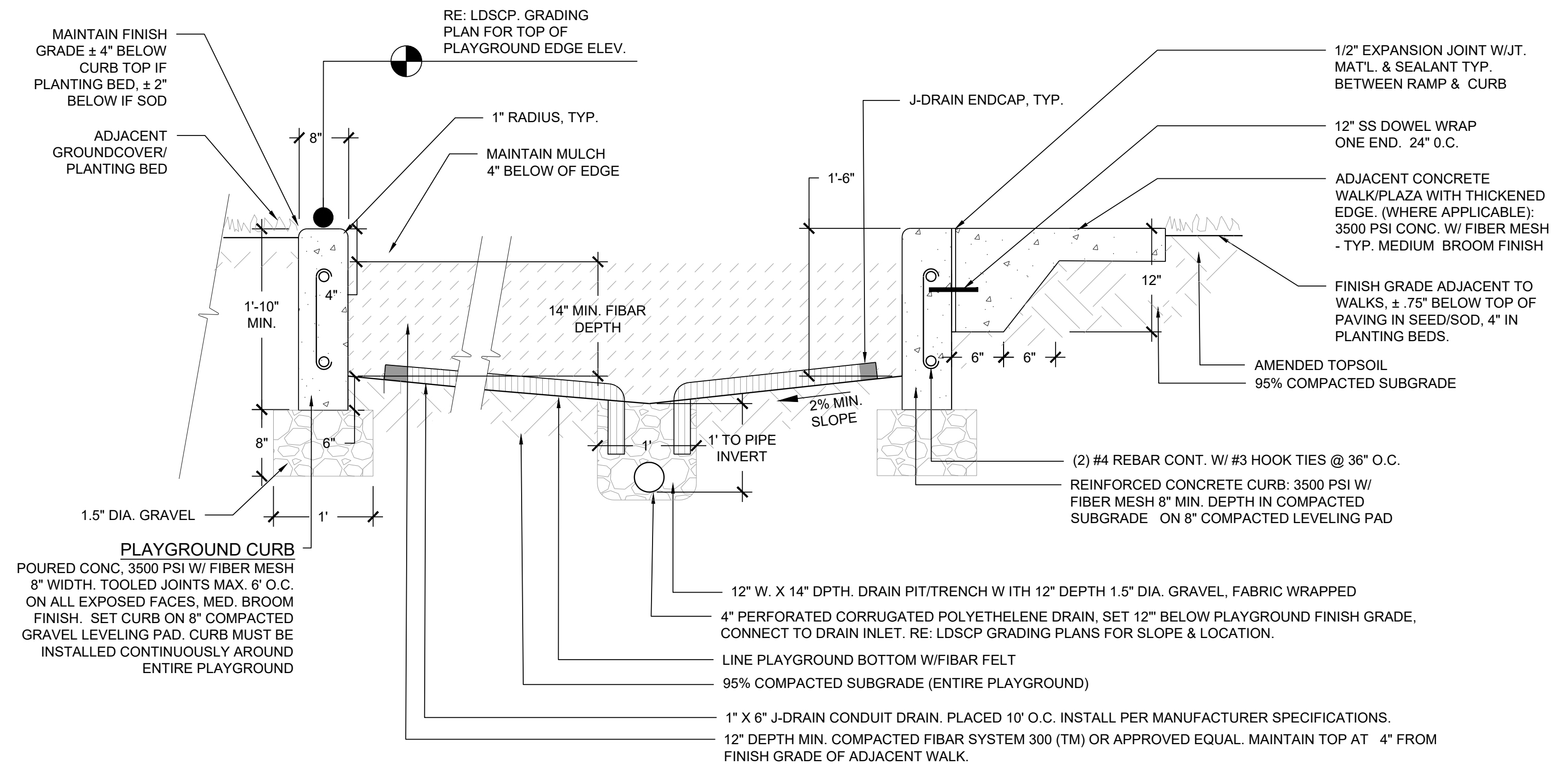
2 PLAYGROUND DRAIN NOT TO SCALE



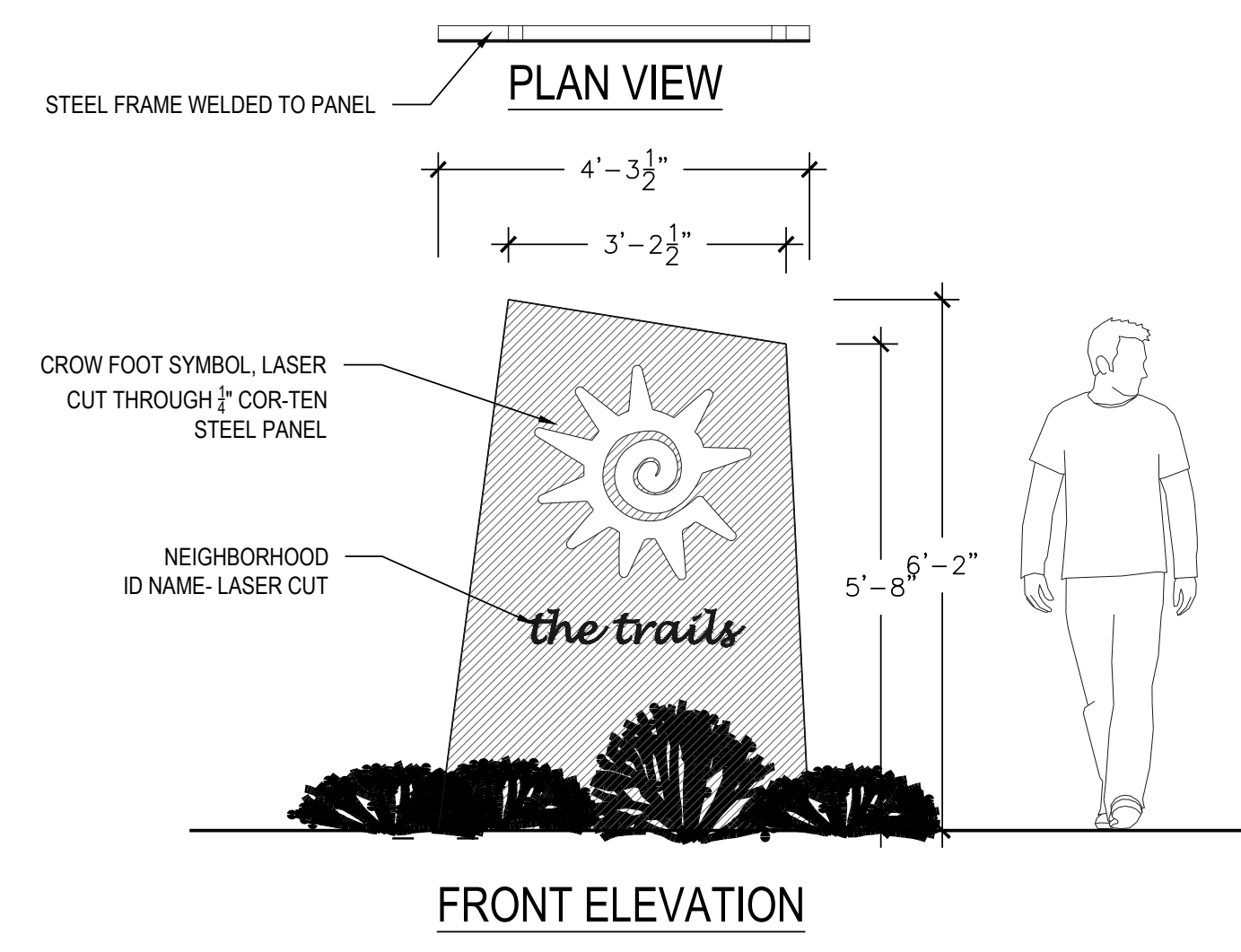
3 ADA PLAYGROUND RAMP NOT TO SCALE



4 PLAYGROUND CURB NOT TO SCALE



5 PLAYGROUND, CURB, SURFACE & DRAINAGE NOT TO SCALE



6 PARK SIGN NTS

Prepared For

ESX MANAGEMENT
7353 SOUTH ALTON WAY
CENTENNIAL, CO 80112

Land Planning



pcs group inc. www.pcsgruopco.com
#3, 8-180 Independence Plaza
1007 14th Street, Denver, CO 80202
1.303.531.4905, 1.303.531.4908

Engineering



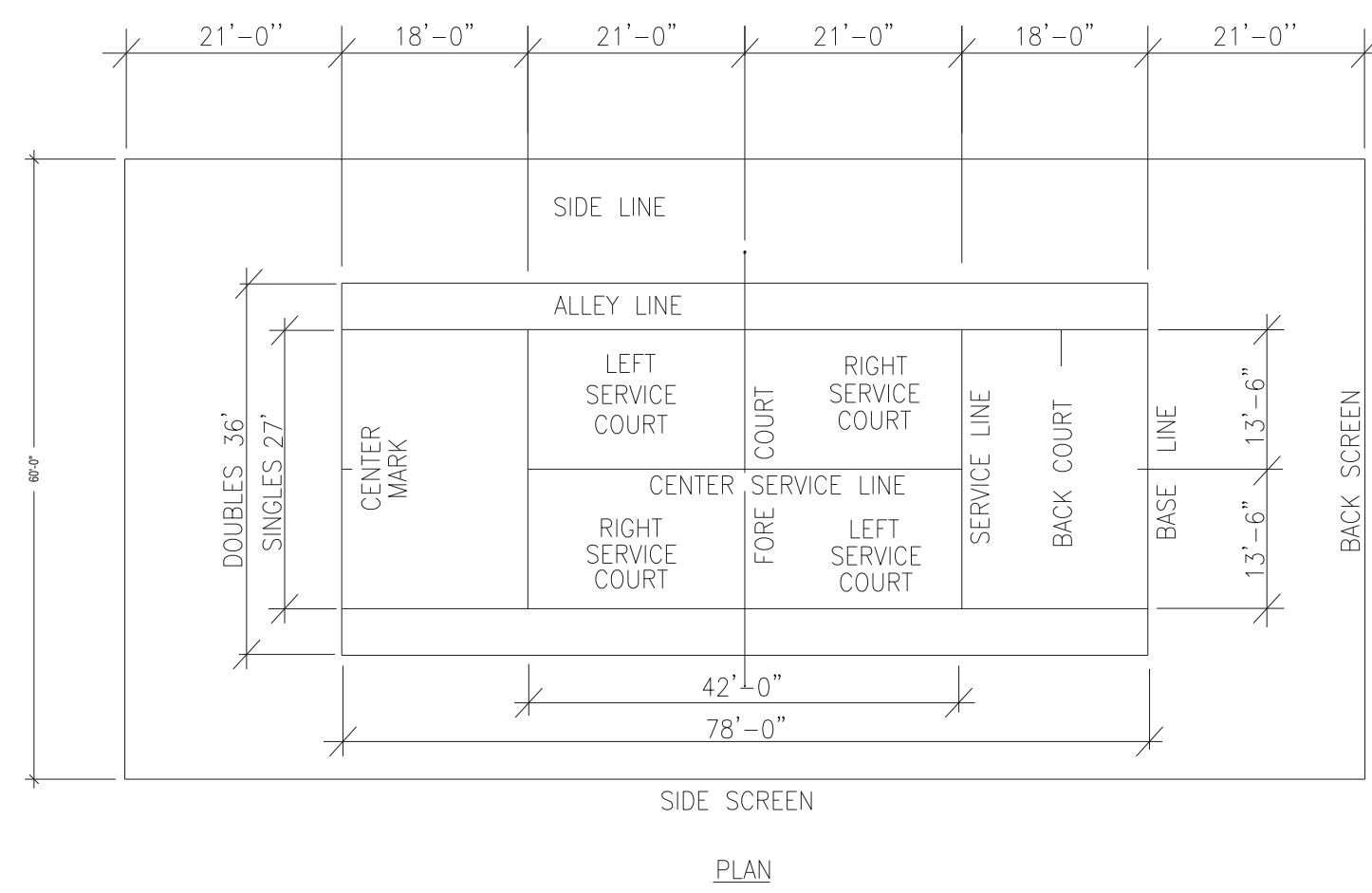
10333 E. DRY CREEK RD. #240
ENGLEWOOD, CO 80112
720-482-9526

TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
LANDSCAPE PLANS

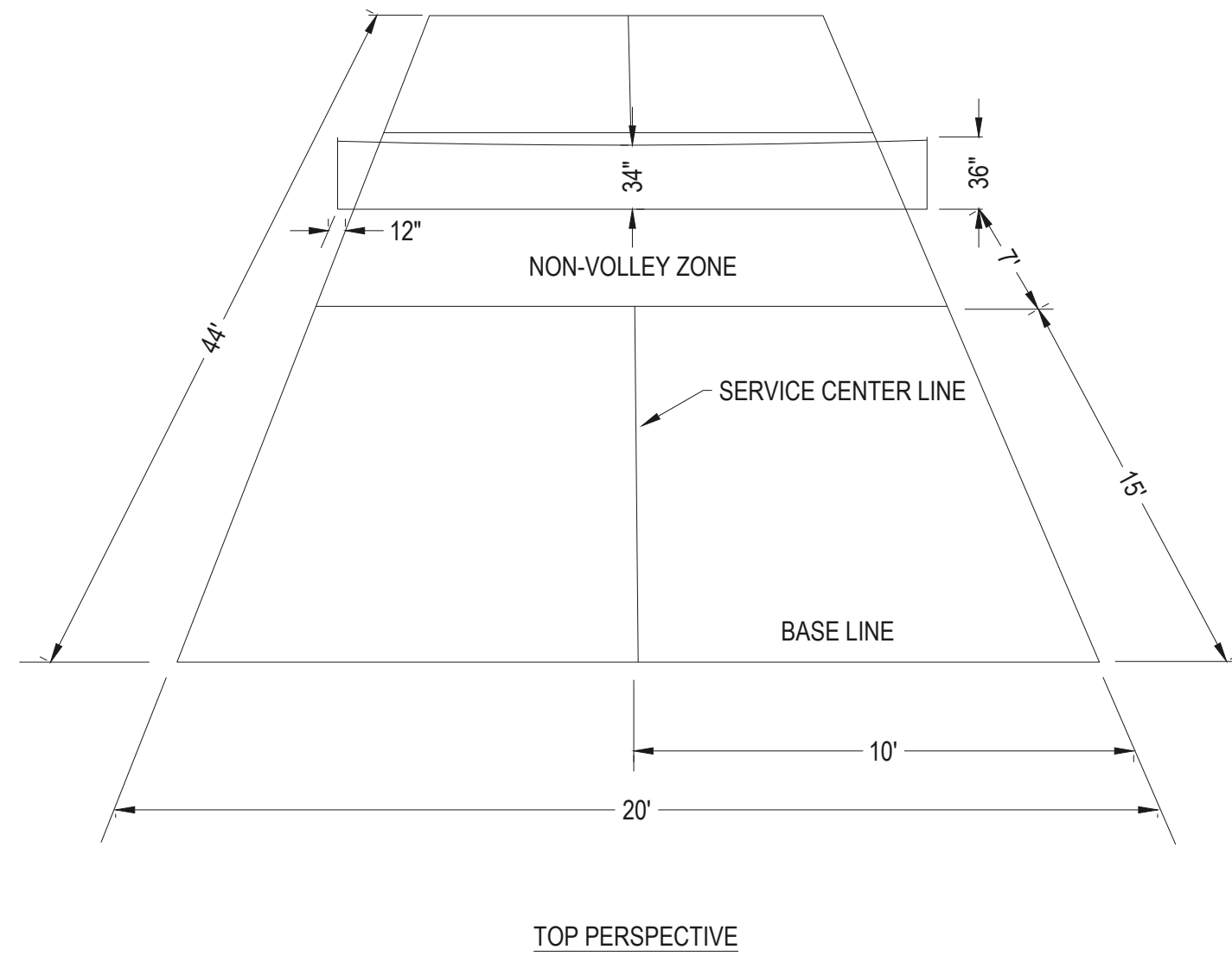
Drawn by:	BEM, GG
Checked by:	PCS STAFF
Submittal Date:	08.01.2017
Date:	02.27.2018
Know what's below. Call before you dig.	08.20.2020
811	10.19.2020
	11.23.2020

Sheet Name
LANDSCAPE
DETAILS

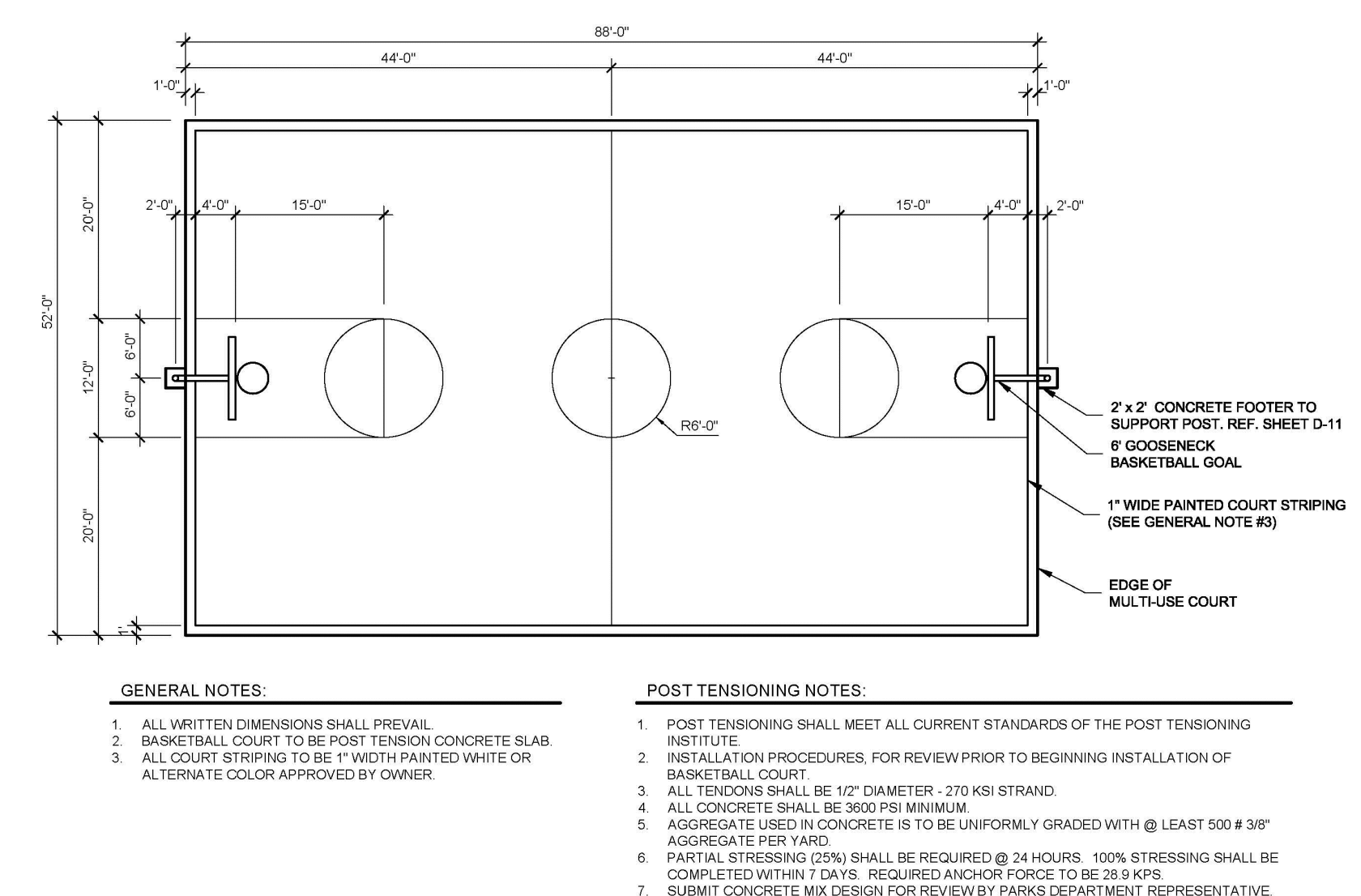
Sheet Number
L3.4



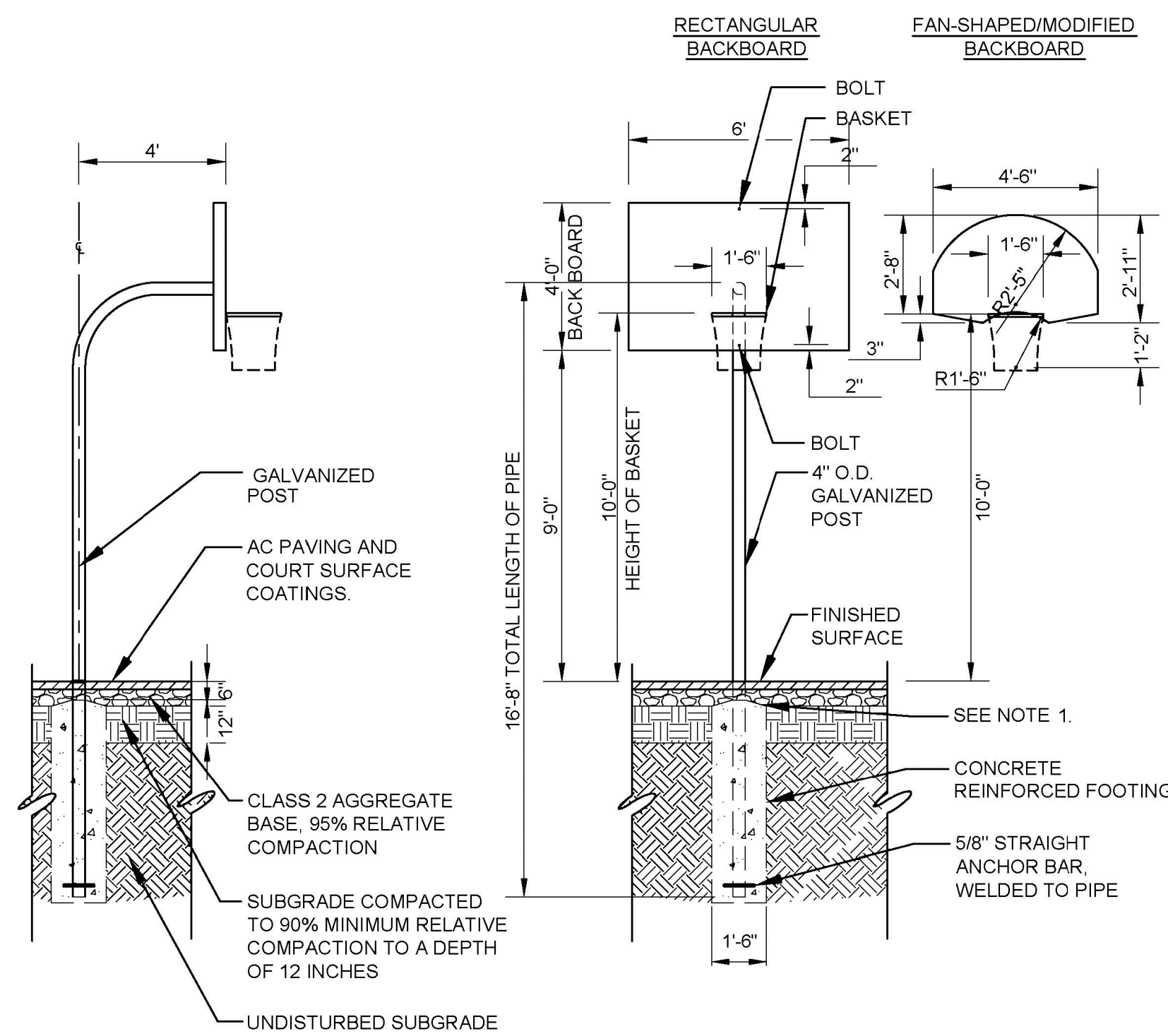
1 TENNIS STRIPING NOT TO SCALE



2 PICKLEBALL STRIPING NOT TO SCALE



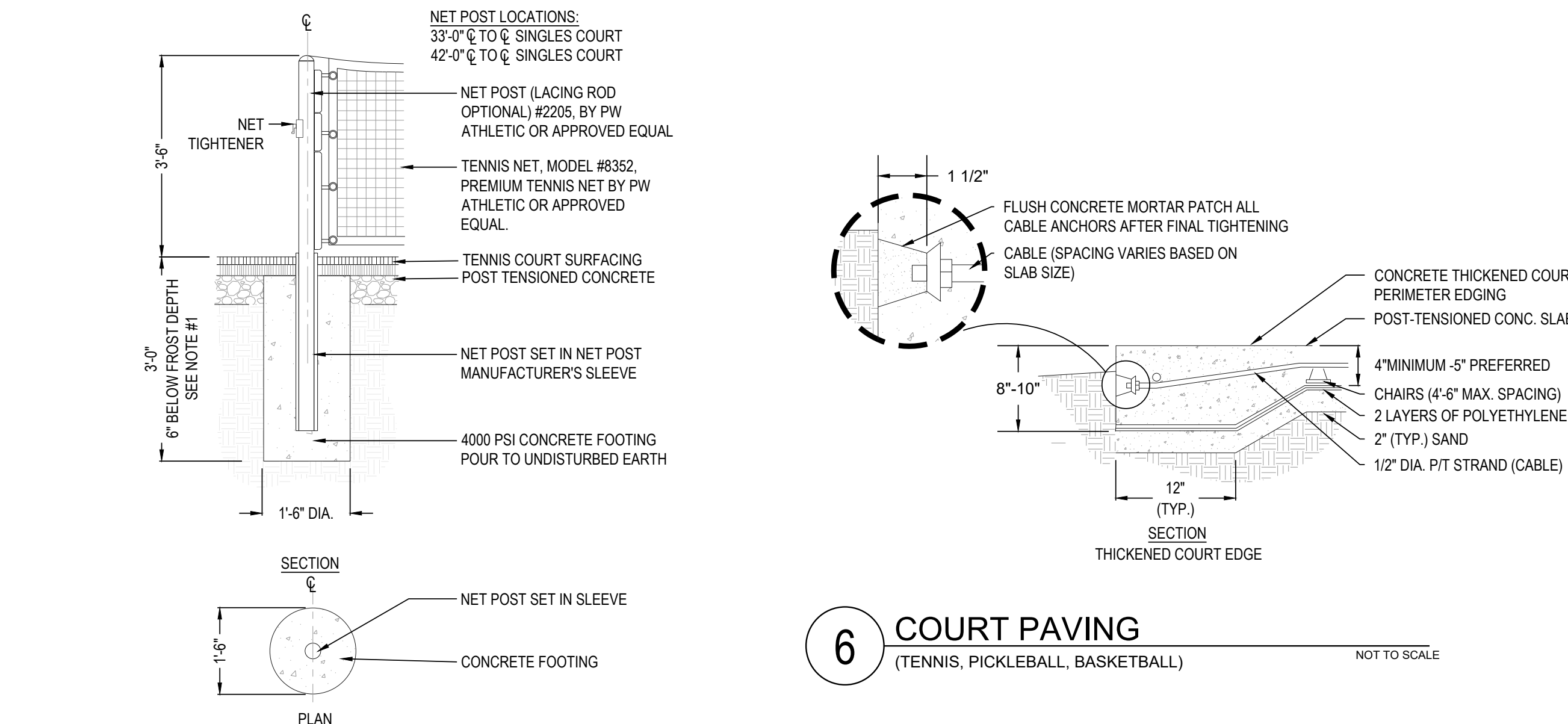
3 BASKETBALL STRIPING/LAYOUT NOT TO SCALE



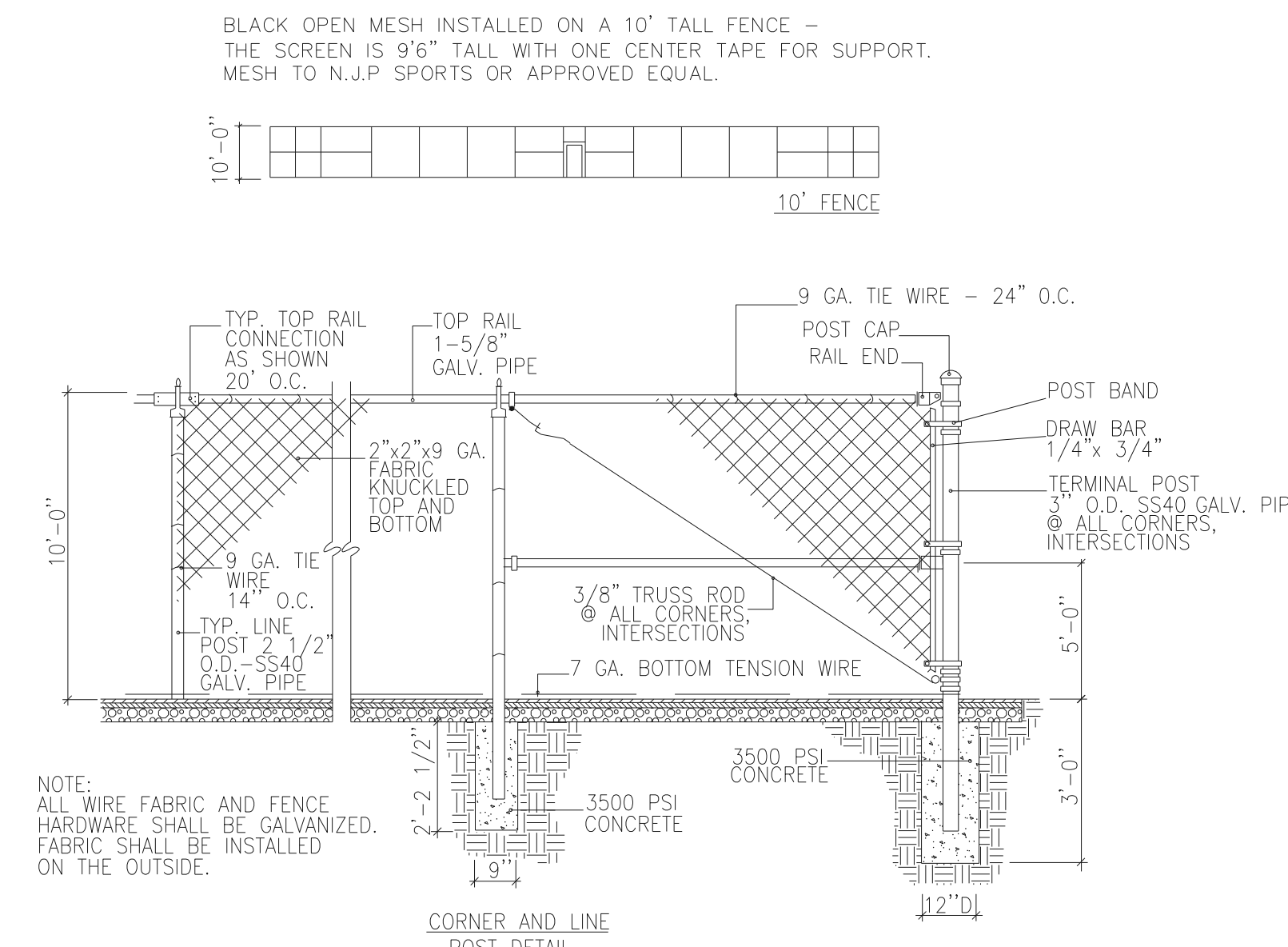
NOTES:
 1. HOLD THE HIGH POINT OF THE CONCRETE FOOTING 6 INCHES BELOW THE FINISHED SURFACE. THE FOOTING SHALL SLOPE AWAY FROM THE POLE TO DRAIN.

MANUFACTURER: PATTERSON WILLIAMS ATHLETIC MFG. CO
 MODEL # 1523-22-45-34 POWDER COAT; BLUE
 CONTACT: RECREATION PLUS, LTD. 3032781455 LETSPLAY@RECREATIONPLUS.COM

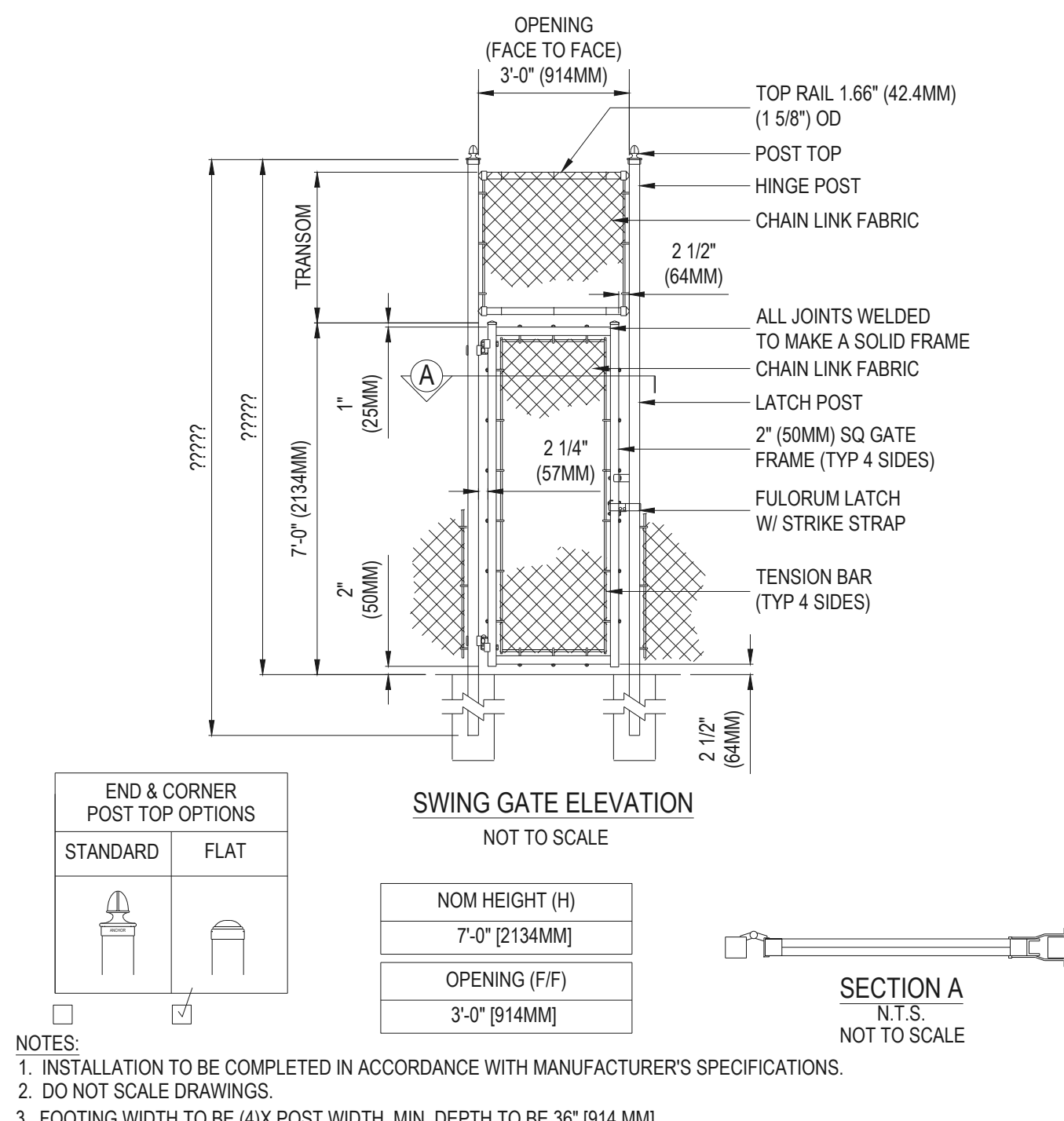
4 BASKETBALL HOOP NOT TO SCALE



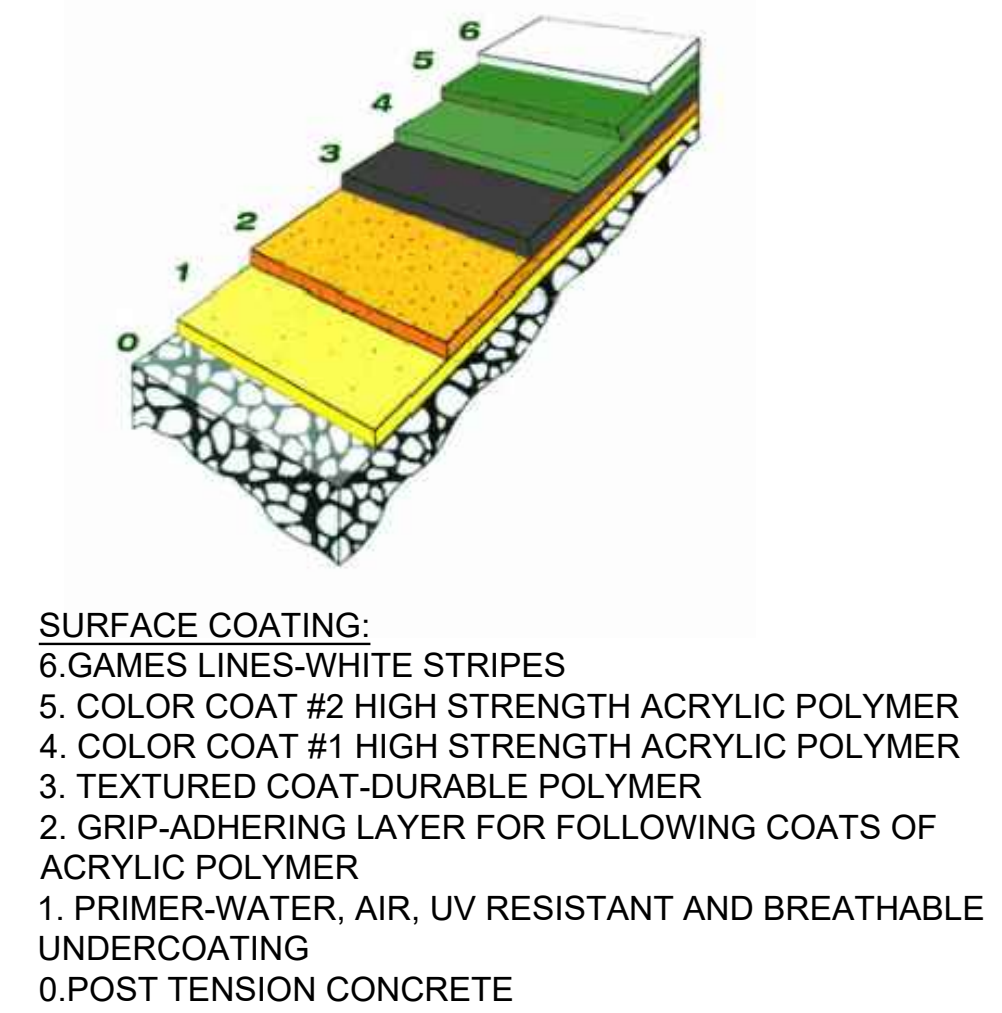
5 TENNIS/PICKLEBALL NET NOT TO SCALE



7 TENNIS/PICKLEBALL FENCING NOT TO SCALE



8 TENNIS/PICKLEBALL SWING GATE NOT TO SCALE



YINNESS RANCH LANDSCAPE ARCHITECTURE/RECURRENT DIVERSITY PARK PLANS DWG Thursday, July 20, 2017

Prepared For

ESX MANAGEMENT
 7353 SOUTH ALTON WAY
 CENTENNIAL, CO 80112

Land Planning

people creating spaces

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TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
 LANDSCAPE PLANS

Drawn by: BEM, GS
 Checked by: PCS STAFF
 Submittal Date: 08.01.2017
 Date: 02.27.2018
 Call before you dig: 08.20.2020
 10.19.2020
 11.23.2020

Sheet Name

LANDSCAPE DETAILS

Sheet Number

L3.5

DISCatcher

Disc Golf Target

PERMANENT TARGET GROUND TUBE INSTALLATION

Parts included per target location:

- Installation Tube

Installation tools and extras needed:

- One Target Pole & Locking Collar (see assembly Step 1 on page 2)
- One 1/2" x 3/4" padlock
- 60 pounds of concrete per target
- Post hole digger or auger
- Torpedo level or carpenter level

STOP WARNING: Before digging always contact your local utilities and property maintenance to locate any underground lines. (Water, Gas, Electrical, Sprinkler, etc.)

SETTING THE INSTALLATION TUBE (Diagram 1)

- Step 1 Dig a hole that is at least 6 inches in diameter and 24 inches deep. Most manual post hole diggers create a 6 inch diameter hole, but if you are installing an entire course it is maybe worth the money to rent a two man auger with a 6 inch bit.
- Step 2 Assemble one pole and locking collar according to Step 1 of Target. Assembly (see other page). Tape the bottom of the installation tube with duct tape or packing tape to prevent any concrete getting into the tube during installation. Place the installation tube in the hole with the tab pointing towards the toe or line of play; this will assure that the number on the target faces the tee. The tab should be at, or slightly below grade level to keep it away from lawn mower blades and to establish the correct height for the target. Slide the target pole with locking collar attached into the installation tube. This will keep center out of the installation tube while pouring. Just one pole with locking collar can be used to set up the installation tubes for your entire course.
- Step 3 Pour the concrete into the hole around the installation tube to no higher than two inches below grade level. This will allow room for a padlock (not included). Use a level to plumb the pole on at least two sides 90° from each other. A torpedo level works best. After leveling the pole, make sure the tab still points toward the toe or line of play, clean off any concrete on the locking tab and then carefully remove the pole from the tube.



Still have questions? Give us a call.

West Coast Sales (800) 408-8449
900 S. Dupont Ave | Ontario, CA 91761

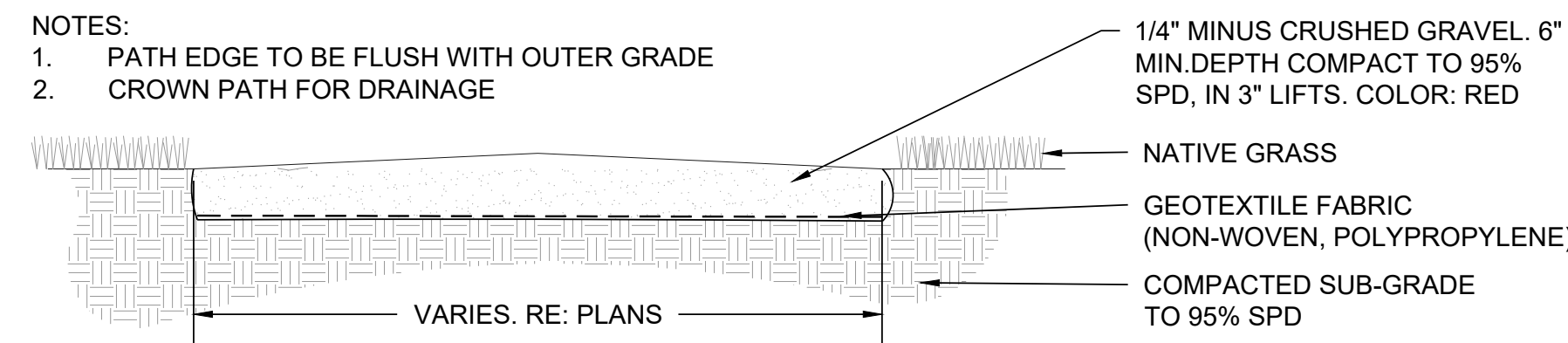
East Coast Sales (800) 476-3968
2850 Commerce Drive | Rock Hill, SC 29730

NOTES:
1. DISC TARGET - DISCATCHER PRO 28 OR APPROVED EQUAL WITH NUMBER PLATE. DIRECT CONCRETE POLE MOUNT OPTION.

1 DISC GOLF TARGET

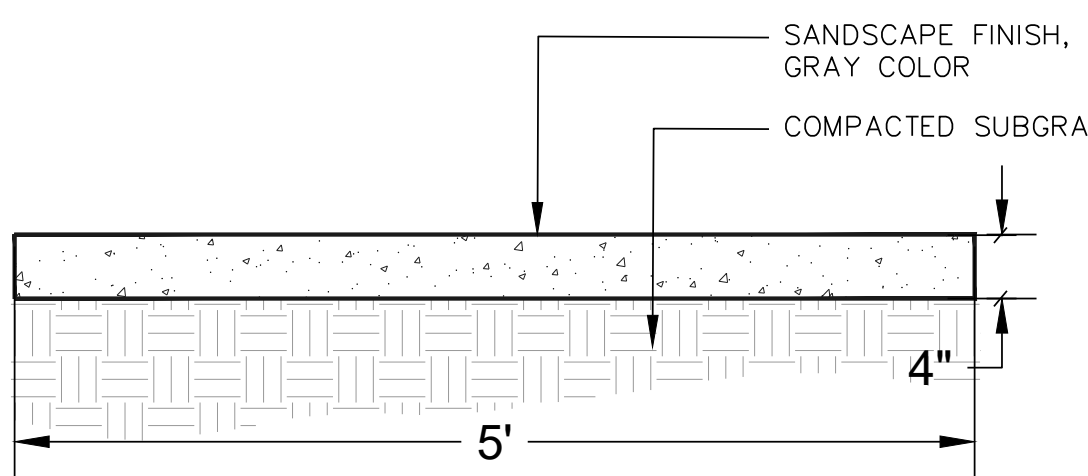
N.T.S.

- NOTES:
1. PATH EDGE TO BE FLUSH WITH OUTER GRADE
 2. CROWN PATH FOR DRAINAGE



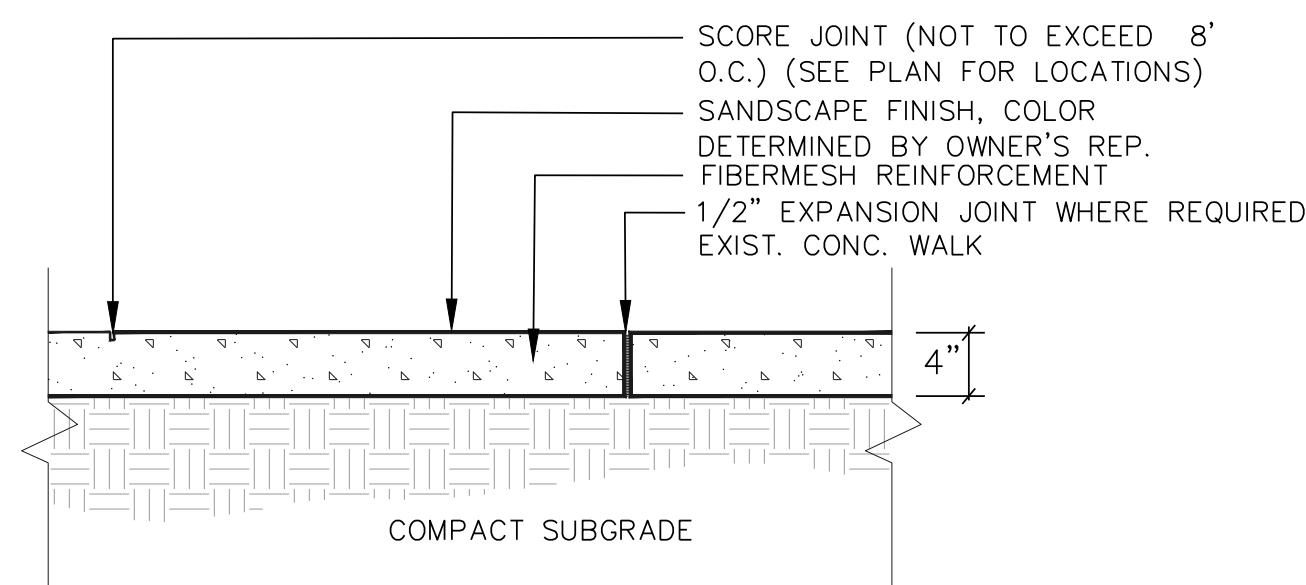
3 CRUSHER FINES PATH/PAD

N.T.S.



4 CONCRETE PAD

N.T.S.



6 CONCRETE WALK

N.T.S.

DISCatcher

Page 1

Parts (included per target):

- One Pole
- One Target Top (w/chain)
- One Basket
- One Locking Collar

Hardware (included per target):

- Three 1/4" x 3/4" hex bolts
- Two 1/4" x 3/4" one-way screws
- One 1/4" x 1/2" hex head bolt
- Three 1/4" lock nuts
- One 1/2" washer

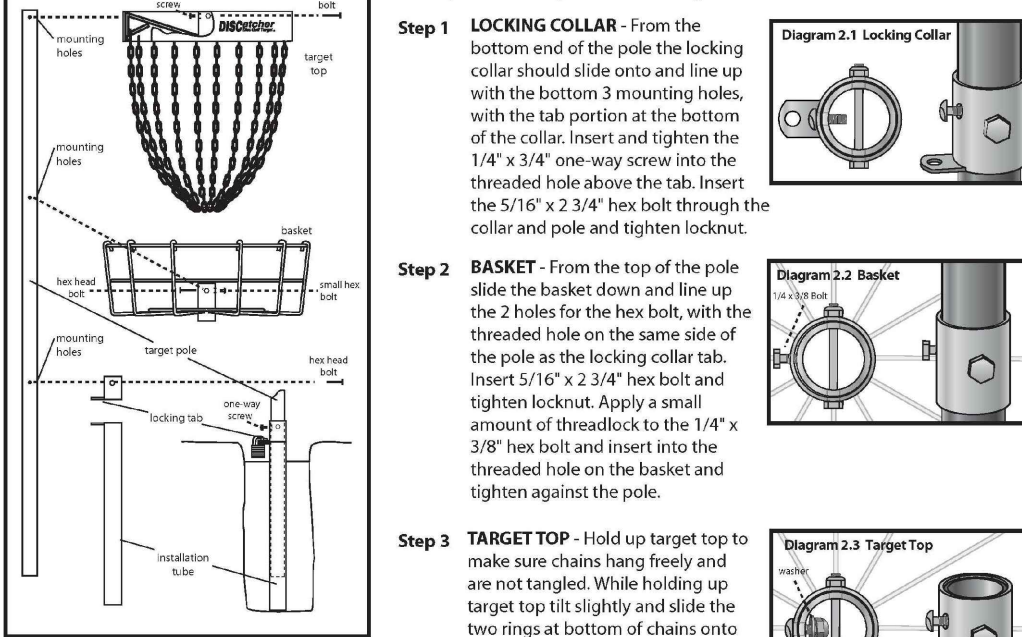
Assembly Tools and Extras (not included):

- One padlock per target
- Two 1/2" and one 7/16" wrenches or sockets
- Flat head screwdriver (short)

STOP WAIT AT LEAST 24 HOURS AFTER POURING CONCRETE TO INSTALL ASSEMBLED TARGETS. You must be patient enough to let the concrete set thoroughly before putting the target in. This usually takes at least one day.

ASSEMBLING THE DISCATCHER® TARGET (Diagram 2)

The easier way to assemble the DISCatcher® Target is with the pole on the ground (the top of the main pole has mounting holes drilled within an inch of the end).



Step 1 LOCKING COLLAR: From the bottom end of the pole the locking collar should slide onto and line up with the bottom 3 mounting holes, with the tab portion at the bottom of the collar. Insert and tighten the 1/4" x 3/4" one-way screw into the threaded hole above the tab. Insert the 5/16" x 2 3/4" hex bolt through the collar and pole and tighten locknut.

Step 2 BASKET: From the top of the pole slide the basket down and line up the 2 holes for the hex bolt, with the threaded hole on the same side of the pole as the locking collar tab. Insert 5/16" x 2 3/4" hex bolt and tighten locknut. Apply a small amount of threadlock to the 1/4" x 3/8" hex bolt and insert into the threaded hole on the basket and tighten against the pole.

Step 3 TARGET TOP: Hold up target top to make sure chains hang freely and are not tangled. While holding up target top, slightly slide the two rings at bottom of chains onto top of pole. Be careful not to let any chains cross between the top of the pole and the hole in the center of the target top, as you put the target top onto the pole. Line up the three holes on the target top with the top 3 holes on the pole. Insert and tighten 1/4" x 3/4" one-way screw into threaded hole on front of target top. Insert 1/4" x 1/2" hex head bolt and locknut onto back of one-way screw. (Do not tighten) Insert 5/16" x 2 3/4" hex bolt through target top and pole. Tighten locknut. At this point tighten the 1/4" locknut onto one-way screw.



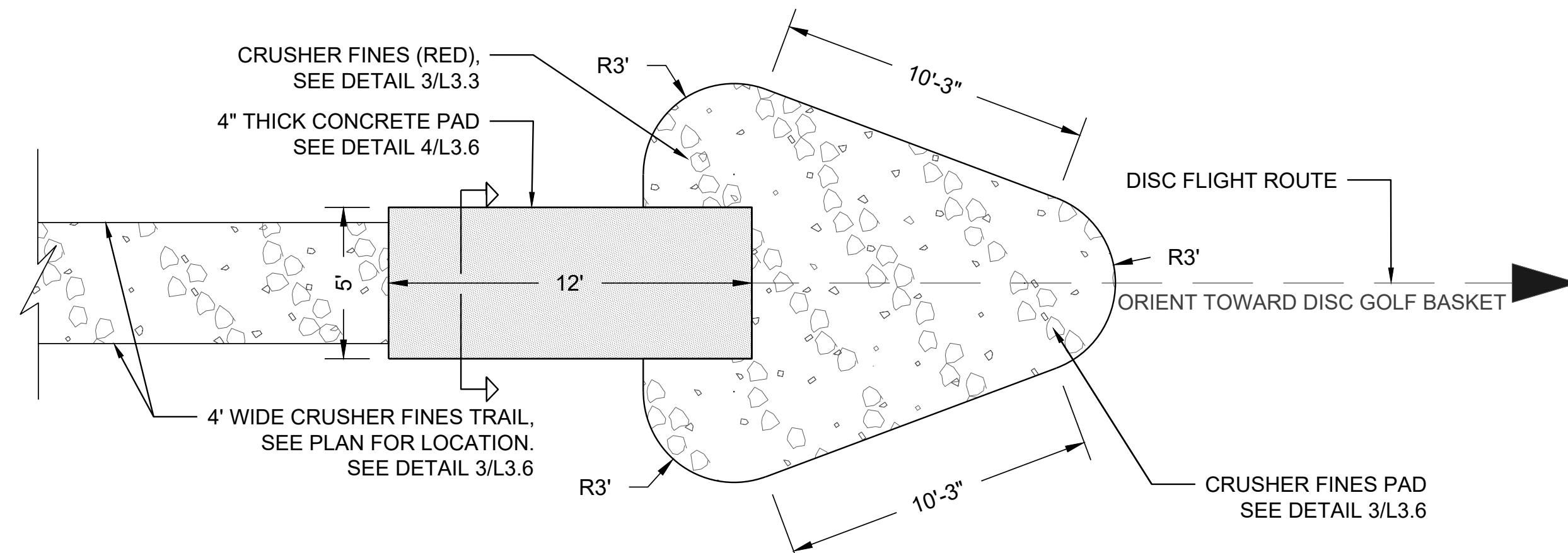
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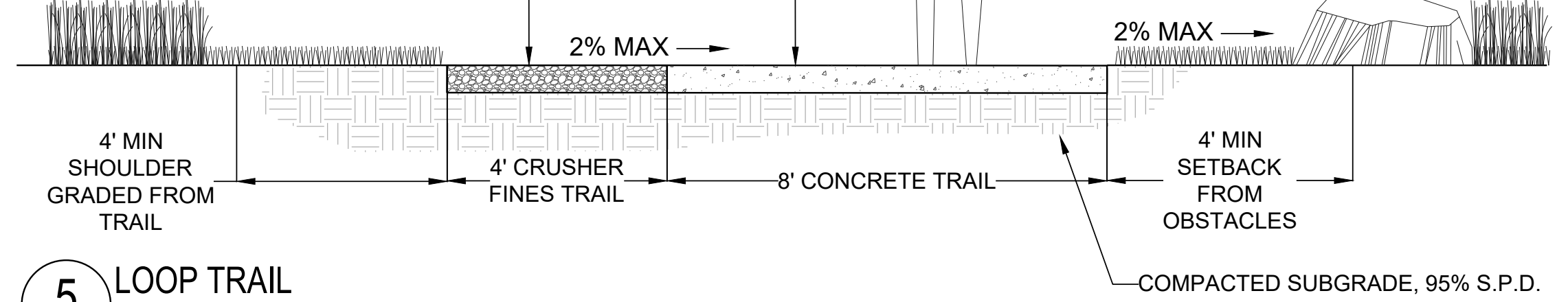
2 DISC GOLF TEE PAD

SCALE: 1/4" = 1'-0"



- CRUSHER FINES TRAIL:**
- 6" THICKNESS
 - 1/4" MINUS CRUSHER FINES.
 - 6" MIN. DEPTH COMPACT TO 95% SPD, IN 3" LIFTS.
 - GEOTEXTILE FABRIC
 - GRAVEL TO BE FLUSH WITH TRAIL AND GRADE

- CONCRETE TRAIL:**
- 6" THICKNESS
 - 4500 PSI CONCRETE.
 - MED. BROOM FINISH
 - NATURAL GRAY
 - MIN. 2% CROSS-SLOPE
 - MAX 5% LONGITUDINAL (MEET ADA STDS.)
 - SAW CUT JNTS. EQ. TO WALK WIDTH

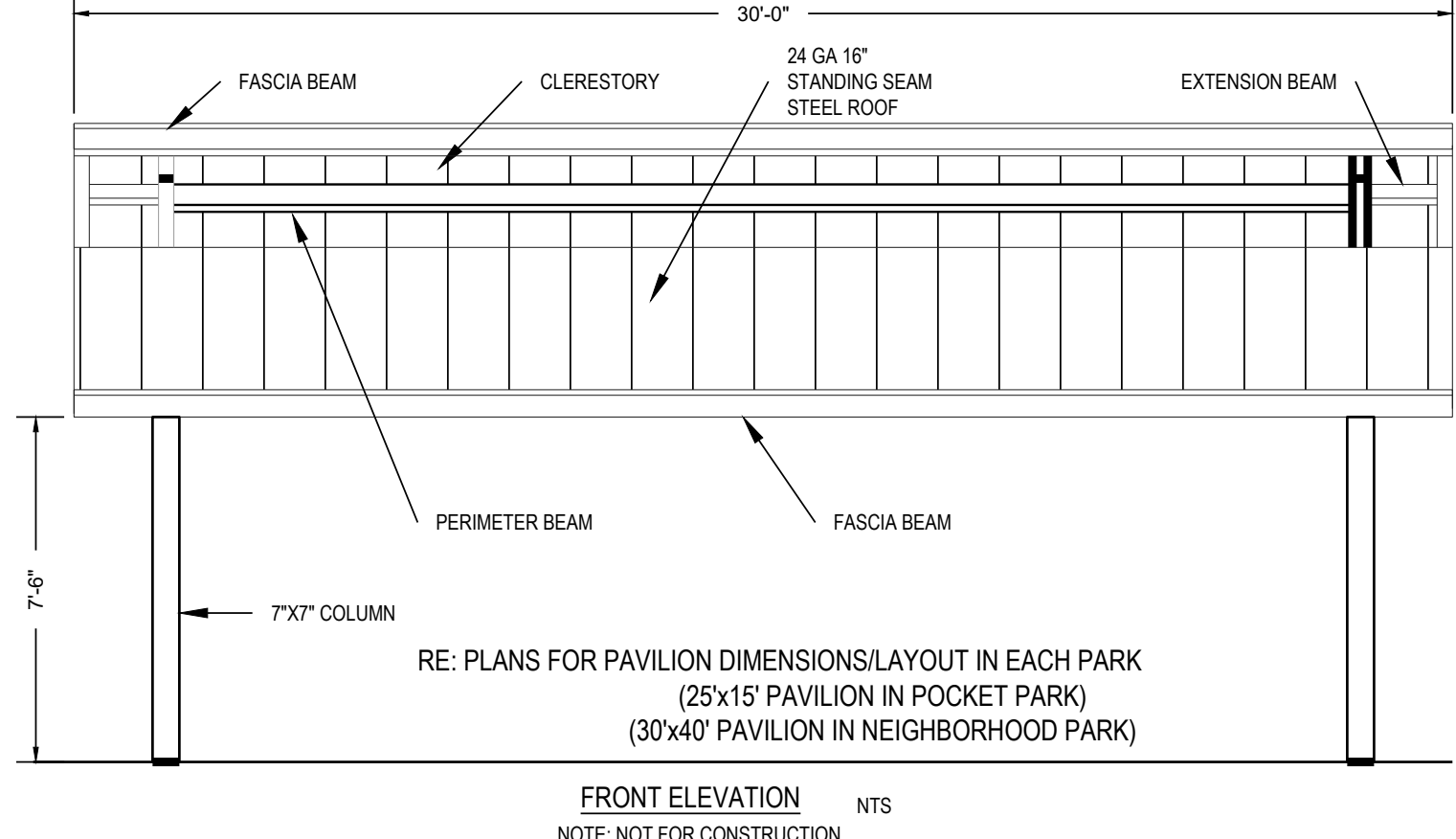
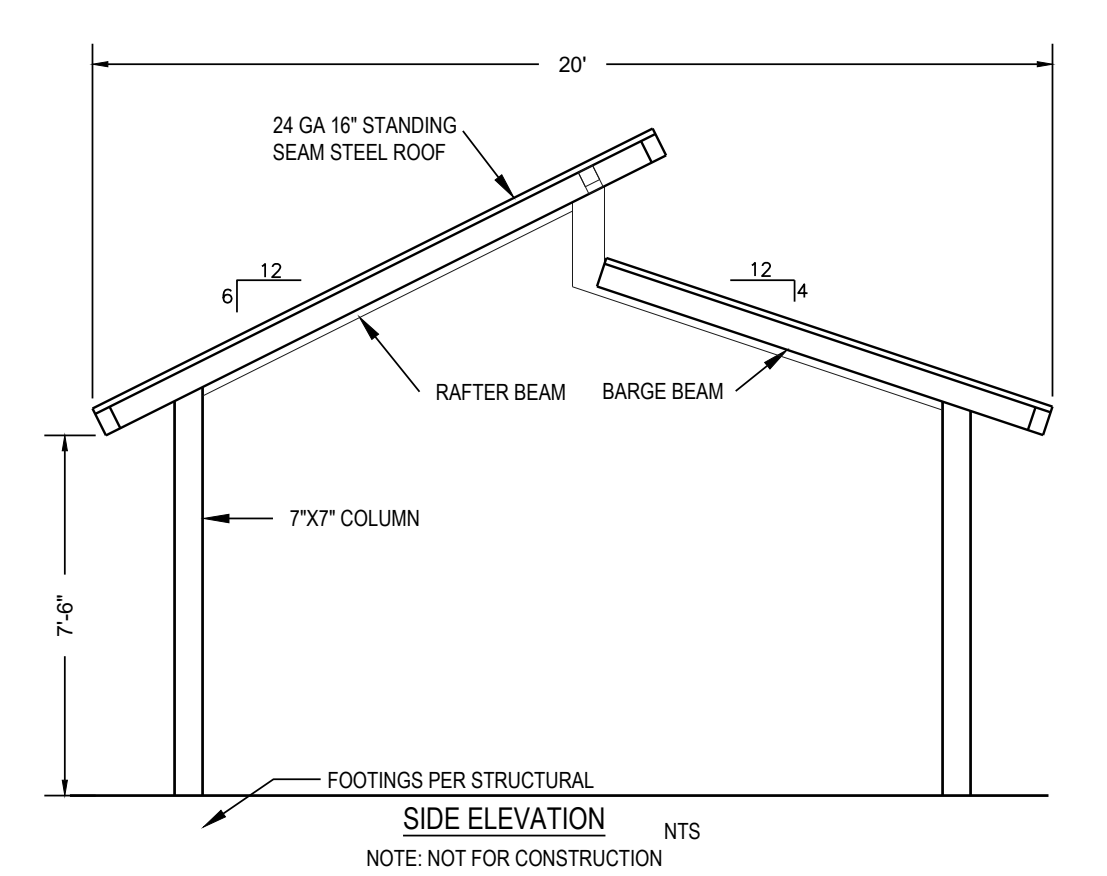


5 LOOP TRAIL

N.T.S.

- TOWN OF PARKER ELECTRICAL NOTES:**
1. SHELTER LIGHT FIXTURE TO BE: ARO PLUS TRANSIT, EVOLVE LED UNDERPASS FLOOD LIGHT - 2 REQUIRED IN STRUCTURE. INSTALL PER MANUFACTURERS SPECIFICATIONS. ALLOW 8 WEEK LEAD TIME.
 2. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER AND OWNER FOR INSTALLATION OF TWO EVOLVE LED UNDERPASS LIGHTS WITH A PHOTOVOLTIC SWITCH IN THE ROOF AND MINIMUM 2 OUTLET RECEPTACLES (4X4 GFI OUTLETS) MOUNTED ON EVERY OTHER POST.
 3. ALL WIRES AND RACEWAYS TO BE HIDDEN WITHIN THE STRUCTURE. NO SURFACE MOUNTED INSTALLATIONS WILL BE ACCEPTED.
 4. PROVIDE OPERATION AND MAINTENANCE MANUALS AND AS-BUILT DRAWINGS.
 5. OUTLET BOXES SHALL BE NON-METALLIC.
 6. ALL DEVICES SHALL BE 20 AMP SPECIFICATION GRADE WITH MATCHING COVER. BLACK IN COLOR. GFCI RECEPTACLES SHALL BE TERMINATION TYPE. WEATHERPROOF COVERS SHALL BE EQUAL TO HUBBELL #WP8M.
 7. ALL DEVICES AND COVER PLATES SHALL BE FROM THE SAME MANUFACTURER
 8. ALL WIRING SHALL BE RUN IN CONDUIT. DIRECT BURY CABLE SHALL NOT BE ALLOWED.

- PAVILION**
1. MANUF: CLASSIC RECREATION SYSTEMS MODEL(S): NORTHWEST, 30'X40'
 2. COLORS: BEAMS/COLUMNS-MEDIUM BRONZE; METAL ROOF-Forest Green
 3. ELECTRICAL: LIGHTING CONDUIT RACEWAY AND HANDHOLES WILL BE PROVIDED IN COLUMNS. CONTRACTOR TO COORDINATE WITH ELECTRICAL CONSULTANT AND SHELTER MANUFACTURER TO COORDINATE LIGHT FIXTURES WITHIN SHELTER, TOWN OF PARKER TO APPROVE FIXTURE LOCATION.
 4. CONTRACTOR TO PROVIDE STRUCTURAL ENGINEERING AND SHALL SUBMIT ENGINEERS LETTER/DRAWINGS TO TOWN OF PARKER BUILDING DEPARTMENT FOR PAVILION PERMIT.
 5. CONTRACTOR TO PROVIDE ENGINEERS LETTER OF CONSTRUCTION COMPLIANCE FOR IA TO TOWN OF PARKER.
 6. CONTRACTOR TO PROVIDE ELECTRICAL AND SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 7. CONTRACTOR TO INSTALL STRUCTURE PER MANUFACTURER'S SPECIFICATIONS.



Prepared For

ESX MANAGEMENT
7353 SOUTH ALTON WAY
CENTENNIAL, CO 80112

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TRAILS AT CROWFOOT

PARK PLANS

PARKER, COLORADO

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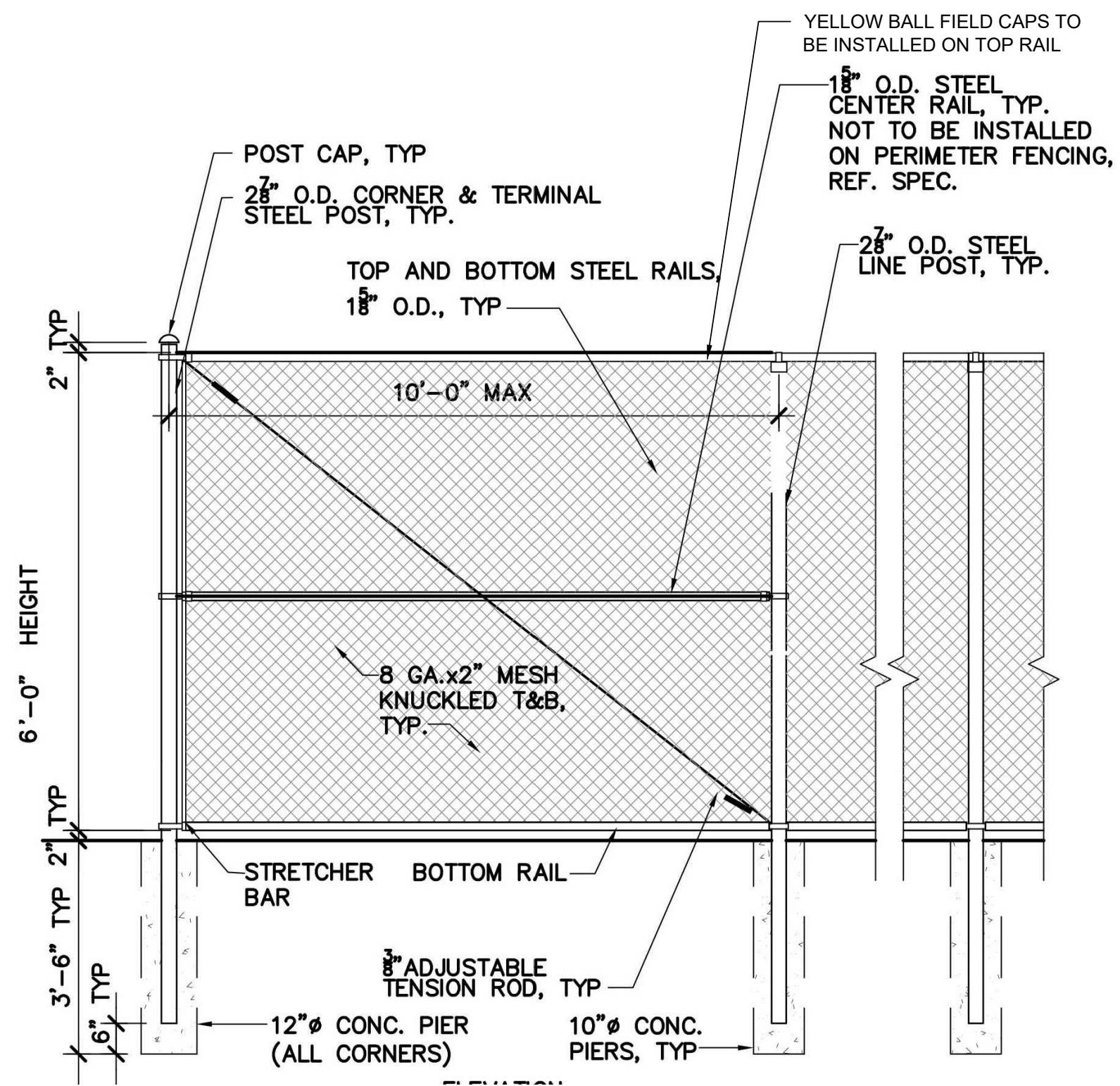
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Sheet Name

LANDSCAPE DETAILS

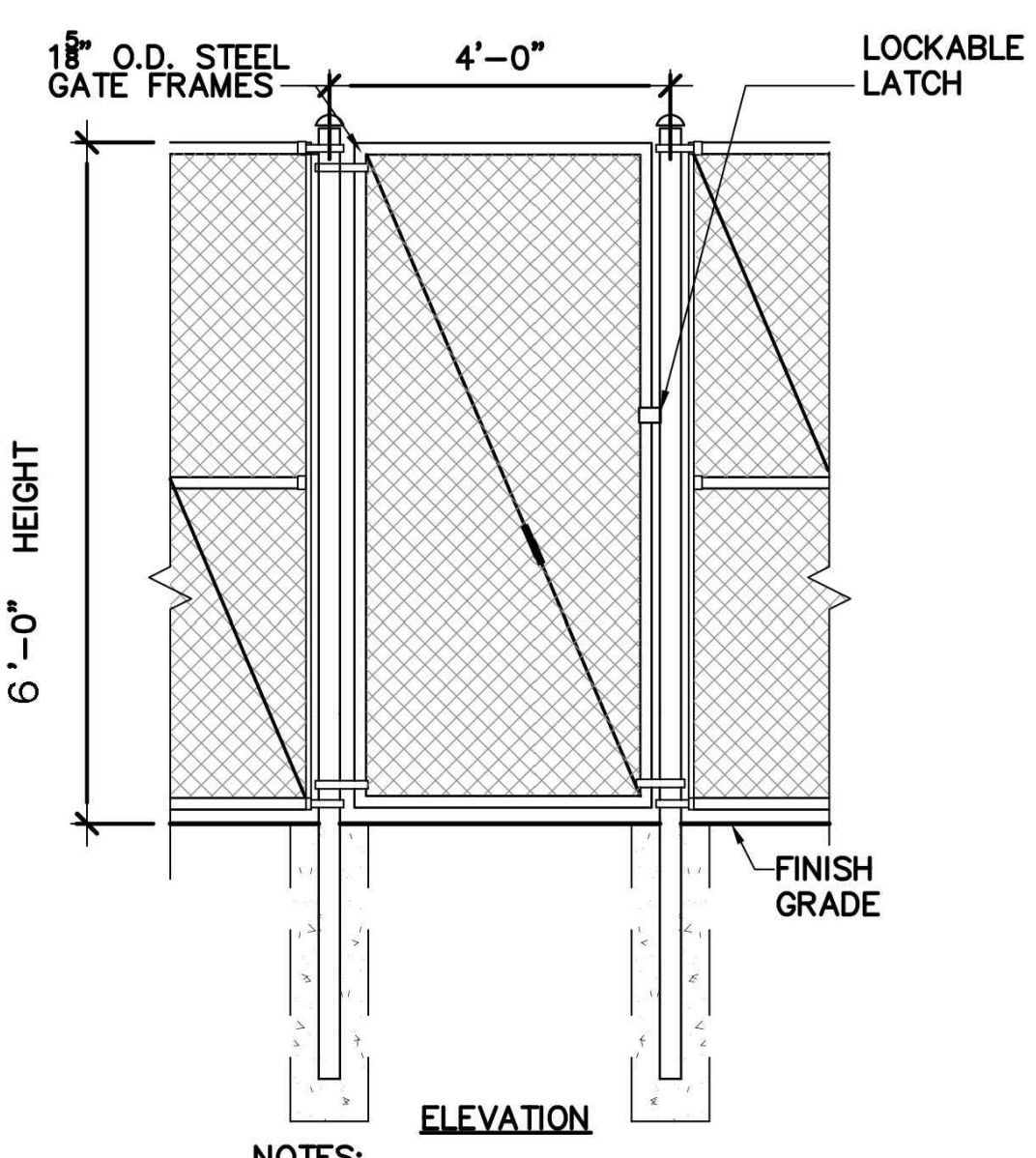
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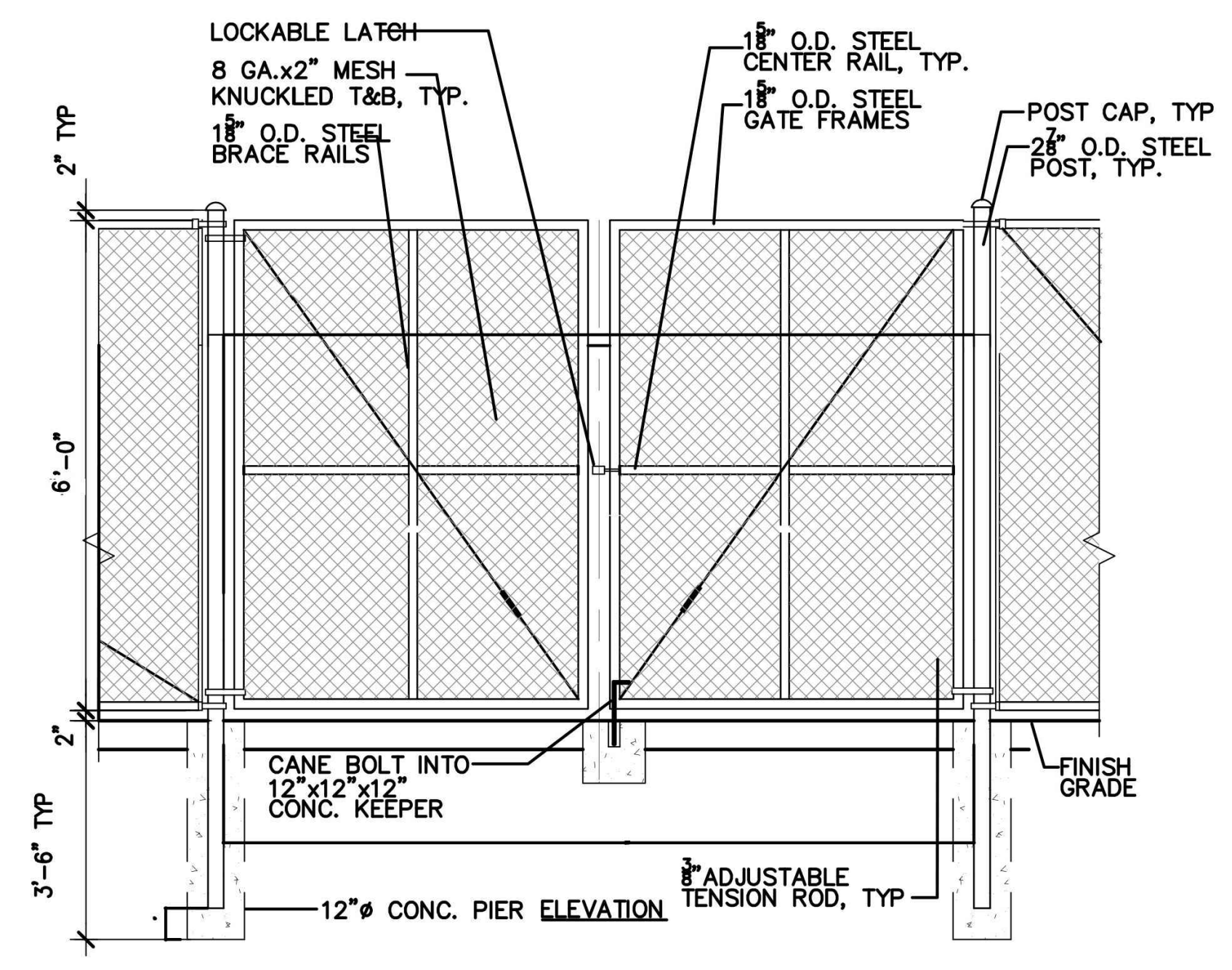
NOTES:
 1. 125' OF YELLOW POLY CAP FENCE GUARD ON TOP RAIL (+ YELLOW FENCE TIES) BY BSN SPORTS OR APPROVED EQUIVALENT
 2. FENCING TO BE A NON-PVC COATED FENCE

1 CHAINLINK FENCE NOT TO SCALE



NOTES:
 1. LOCK PROVIDED BY OWNER.

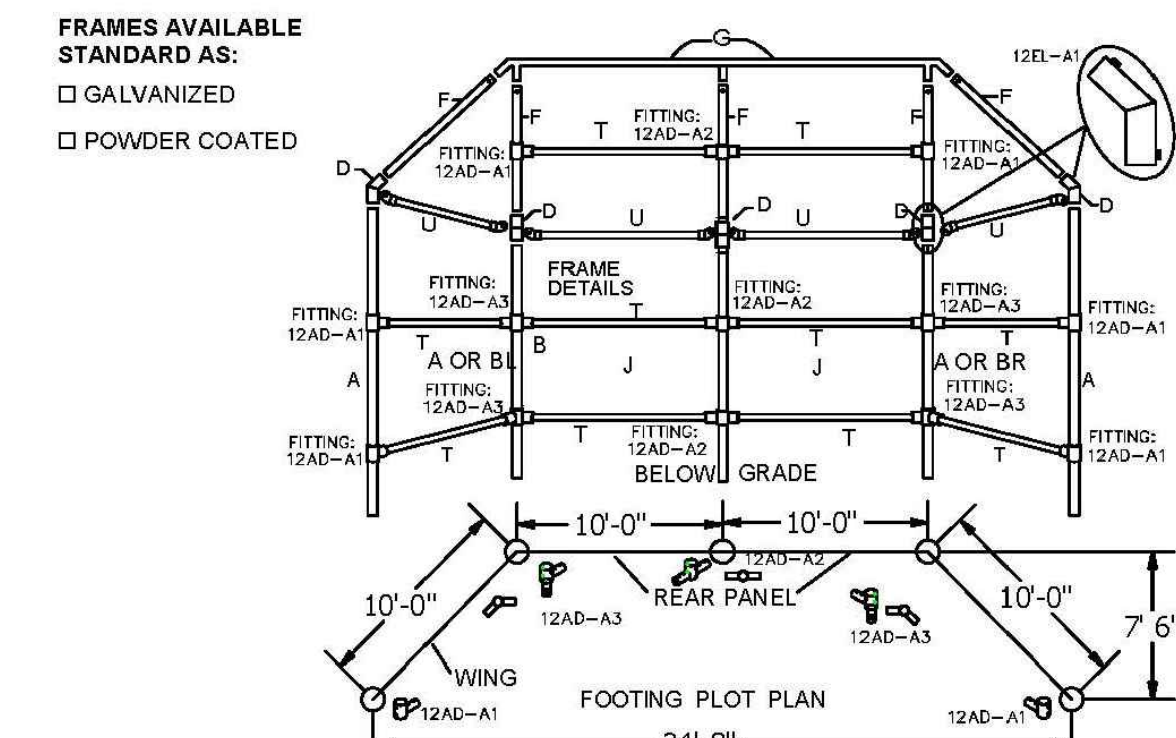
2 PEDESTRIAN GATE NOT TO SCALE



3 12' SERVICE GATE NOT TO SCALE

Permanent Hooded Backstop

MODEL #1230-00
 FRONT HEIGHT: 17'-6" H; FRONT WIDTH: 34' WITH NO PLANKS (1475 LBS)



SPECIFICATIONS:

- Posts:** (A), (BL), (BR), and (F) are 2-3/8" O.D. galvanized steel.
- Rails:** (G) are 1-7/8" O.D. and (T) are 1-5/8" O.D. galvanized steel.
- Elbow Fittings:** Welded galvanized steel that fits 2-3/8" vertical and 2-3/8" hood supports.
- Chain Link Fabric:** 2" mesh galvanized after weaving; 9 ga on rear and side panels, 11 ga on hood.
- Hardware:** Tension bars and bands are galvanized steel. All fasteners are included.
- Finish:** All welds are ground smooth and treated with cold galvanizing compound. All fasteners are zinc plated for long rust-free service.
- Warranty:** 3 years

	Date:	11-06-07	SPECIFICATION/INSTALLATION INSTRUCTIONS
	Rev:	022613	
	Drawn:	AMC	
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MODEL NO.		1230-00	

GENERAL NOTES: Site must be level. Six 8" X 8" X 8" concrete blocks (half blocks) will be required in the bottom of holes to provide a means of post-height adjustment as well as to provide sufficient concrete footing below bottom of posts (See Page 3 & 4).

- Determine location of backstop so the rear panel is perpendicular to a line running from 2nd base through home plate and so the wings are parallel with the sides of the diamond.
- Dig holes according to footing plot plan and footing detail (See Page 3 & 4).
- Center a half concrete block (8" X 8" X 8") in the bottom of each of the holes per footing detail. Adjust height so the top of the block is 30" below finished grade (See Page 3).
- Start with an end post (Item A Page 4) and center the post in the hole so it rests on the block. Tops of posts for Model 1230 are to be 10' above finished grade. Adjust block height as necessary to achieve proper post height. Plumb and brace in position.
- Repeat the same procedure for the adjacent corner post (Item A, BL Or BR).
- Attach rail end caps to the horizontal rails (Item U). Insert 1-5/8" O.D. rails into rail end caps until fully seated. Drill through the end cap and the pipe with #25 drill bit provided. Hammer the #10 X 1/2" drive screws into holes until fully seated. Note: Keep rail end caps in line with each other.
- Re-plumb posts and brace as necessary.
- Set the adjacent center post (Item A Or C) in the hole on the concrete block and brace or hold in place.
- Attach two horizontal rails (Item T) between the center post (Item A Or C) and the corner post (Item A or BL). Install as before one at finished grade level and one midway up the post with brace bands and carriage bolts provided.
- Re-plumb posts and brace as necessary.
- Repeat the same procedure for each adjacent post until all of the five vertical posts are installed. Attach horizontal rails between posts as before. Make sure the posts are plumb. Pour concrete into footing holes and let the concrete set for three days before removal of bracing and completion of installation.
- Slip the elbows for the upright posts (Item D) over the tops of the posts until seated. Using set screws, loosely tighten fitting in place.
- Insert the five hood supports (Item F) into the elbows.
- Align the hood supports by rotating the elbows. The hood supports on the corner and center posts (Items A Or BL, BR & C) should be rotated to face toward the infield and to be parallel to each other. The hood supports on the end posts (Item A) should be rotated so they are facing each other.
- Slip the top horizontal rail (Item G) into the hood supports. Adjust the hood supports as necessary and make sure welded sleeves on top rail are fully seated.
- Plumb frame and tighten all bolts.
- Attach the shorter horizontal rails (Item T) at the top of the vertical posts between the elbow fittings with the 2-7/8" brace bands and carriage bolts provided (See Attachment Detail).
- Install the horizontal rails (Item U) midway between the elbows and top rail. Tighten all bolts which secure all the horizontal rails.

Extremely Important
 Dig footing holes according to layout & assemble post and rails with supplied pipe fittings. Do not pour concrete until entire frame is assembled.

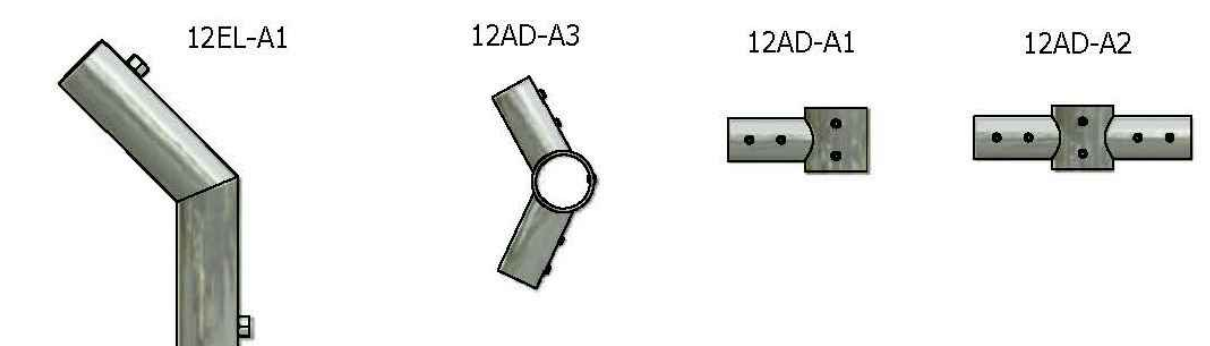
	Date:	11-06-07	SPECIFICATION/INSTALLATION INSTRUCTIONS
	Rev:	022613	
	Drawn:	AMC	
	Sheet:	2 of 4	
MODEL NO.		1230-00	

- Cut four pieces of (9-gauge X 10 ft mesh) 10 ft long to be installed between the vertical posts of the rear panel and the wings. Attach each piece of mesh using one 10 ft tension bar on each side of the mesh along with tension bands and bolts provided. Use tension bands on 18 to 20 inch centers. The mesh must be tight, remove one or two strands as necessary to achieve proper tension (See Attachment Detail).
- Secure the mesh to the top, center and bottom horizontal rails with tie wires every 12 inches (See Attachment Detail).
- The mesh will overlap the top planks. Install the drilled tension bar in the mesh about 3" to 6" from the top edge of the highest plank. Pull tight and drill 5/16" diameter holes through the planks using the holes in the tension bar for drilling location. Secure with 5/16" x 2-1/2" carriage bolts, flat washers, lock washers and nuts. Note: This will keep the baseballs from falling behind planks.
- Cut one piece of (11ga X 10 ft. mesh) 20 ft long. Attach the mesh to the rear panel using one tension bar on each end of the piece along with tension bands and hardware provided. Tension bands should be used on 18 to 20 inch centers. The mesh must be tight, remove strands as necessary to achieve proper tension.
- Secure the mesh to the top, center and bottom horizontal rails of the hood supports with 7-inch tie wires every 12 inches (See Attachment Detail).
- Cut a 10 ft long piece of 11ga mesh into a triangle to cover the remainder of the hooded area. Use the hood as a template.
- Install two 10 ft. tension bars in each triangular mesh piece along the two edges where the wire ends are NOT twisted together (knuckled salvage edge). Attach the mesh in the corners of the hood so the edge of mesh without tension bar is along the horizontal rail. Use tension bands on 18 to 20 inch centers to secure to the hood supports (Item F). The mesh must be tight; remove one or two strands as necessary to achieve proper tension.
- Pull the bottoms of each triangular mesh piece tight and secure with 7-inch lengths of tie wire every 8 inches to the horizontal rails.
- Inspect for loose hardware and tighten as necessary. Also look for sharp wires and either cut or turn back into the fabric as necessary.
- At every mating location (Elbows & Top Rail) drill through with 7/32" drill bit and hammer 1/4" x 1" drive screws into holes until seated.
- Replace turf to cover exposed tops of footings (See Typical Footing Detail).

NOTE:
Footing: Footing sizes are based on average soil conditions. Loose and/or sandy soil is not average and footing sizes must be increased accordingly to meet local soil conditions.



	Date:	11-06-07	SPECIFICATION/INSTALLATION INSTRUCTIONS
	Rev:	A121412	
	Drawn:	AMC	
	Sheet:	3 of 4	
MODEL NO.		1230-00	



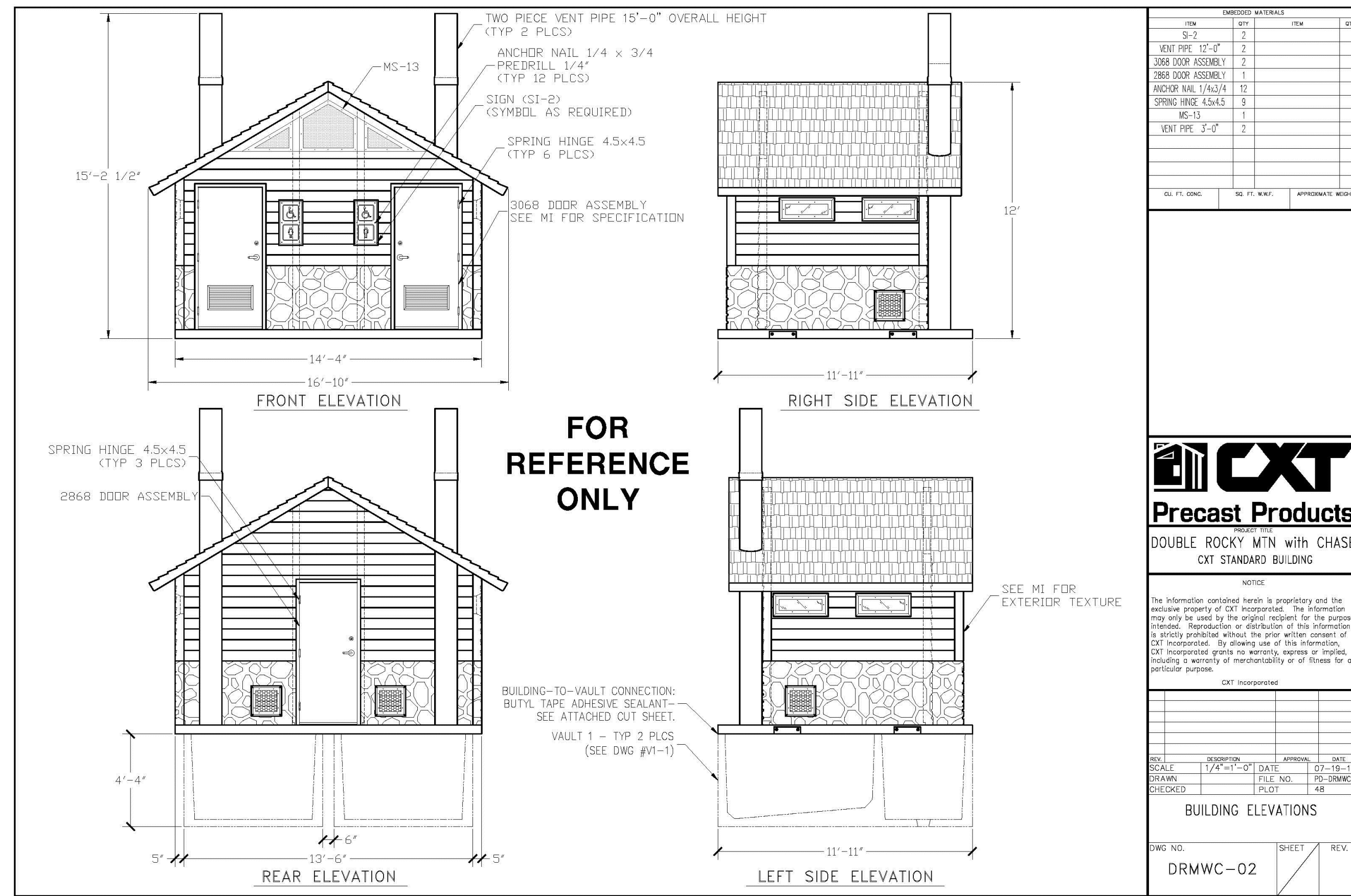
Description	Qty
Upright Post (A,B) 2-3/8" x 12' 8"	5
Hood Support (F) 2-3/8" x 8' 7"	5
Top Horiz. Rail Assembly 1-7/8" (G)	1
Horizontal Rails 1-5/8" x 9' 7" (T)	10
Horizontal Rails 1-5/8" x 9' 4" (U)	4
2" X 11 Gauge X 10' Wire Mesh (H)	40
2" X 9 Gauge X 10' Wire Mesh (I)	40
Tension Bar - 10'	14
Hardware Kit	1
INSTALLS	1
FITTING 12AD-A1 (2-7/8" O.D.)	6
FITTING 12AD-A2 (2-7/8" O.D.)	3
FITTING 12AD-A3 (2-7/8" O.D.)	4
ELBOW 12EL-A1 (2-7/8" O.D.)	5

Component Description	Qty
Tension Band (2-3/8")	90
Brace Band (2-7/8")	8
Brace Band (2-3/8")	20
Rail End (1-5/8")	9
5/16" x 1" Carriage Bolt	124
5/16"-18 Hex Nut	124
5/16"-18 Flat Washer	124
#10 X 1/2" Rd. Hd. Drive Screw	30
#25 drill bit	2
1/4" X 1" Rd. Hd. Drive Screw	40
7/32 Drill Bit	2
1/2 Gauge Tie Wire (lbs)	3
3/8"-16 x 3/8" Set Screws	60
5/8" x 3/4" Set Screws	10

	Date:	11-06-07	SPECIFICATION/INSTALLATION INSTRUCTIONS
	Rev:	022613	
	Drawn:	AMC	
	Sheet:	4 of 4	
MODEL NO.		1230-00	

NOTE: BACKSTOP BOARDS TO BE INSTALLED ON FRONT SIDE OF BACKSTOP. BACKSTOP BOARDS TO BE PROVIDED BY AMERICAN-PLASTILUMBER OR APPROVED EQUIVALENT. 2"X12"X120". 3 ROWS. PREMIUM RECYCLED LUMBER COLOR:TAN

4 BACKSTOP NOT TO SCALE

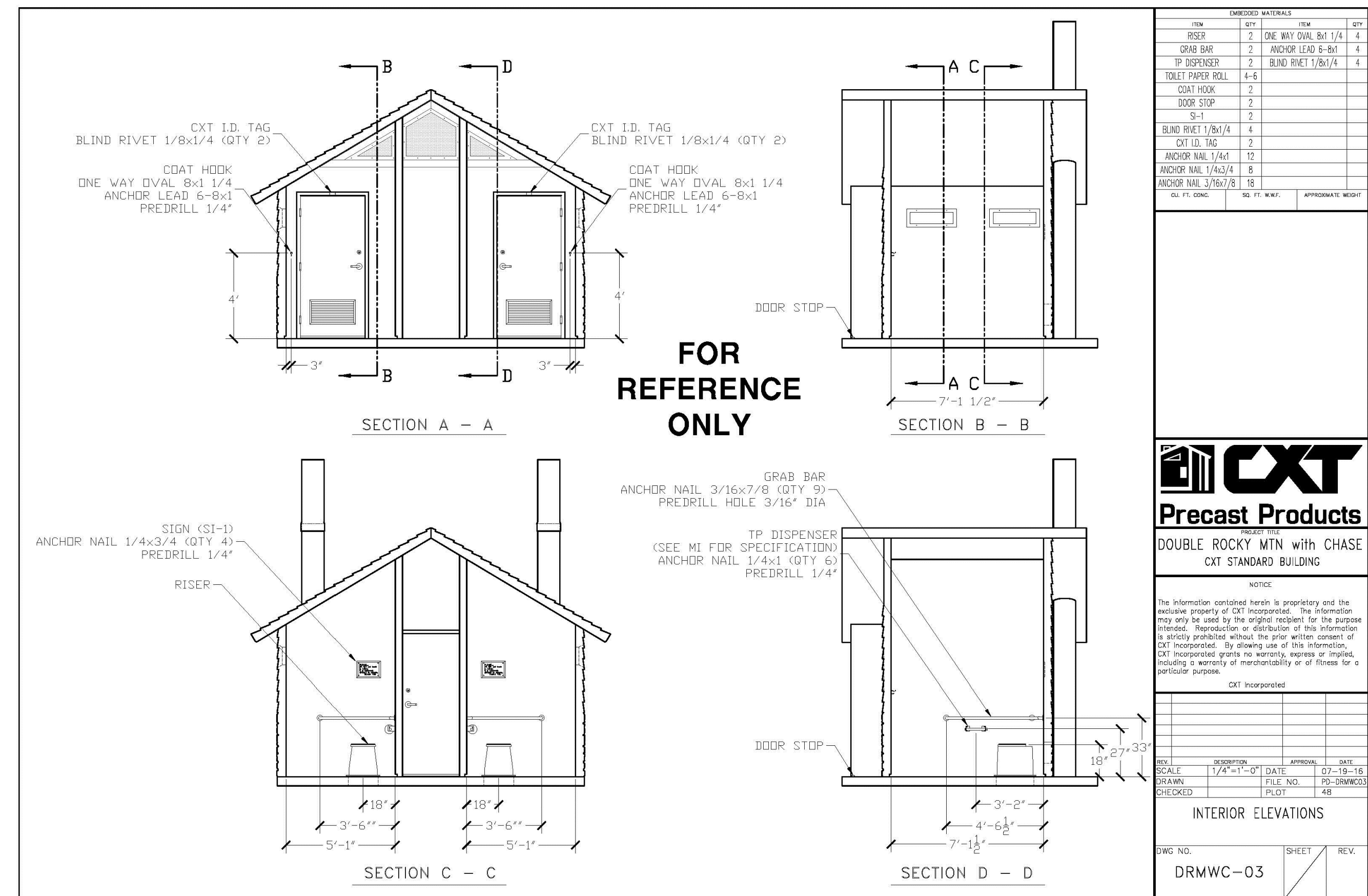


EMBEDDED MATERIALS			
ITEM	QTY	UNIT	REV
S-3	2		
VENT PIPE 12'-0"	2		
3068 DOOR ASSEMBLY	2		
TWO DOOR ASSEMBLY	1		
ANCHOR NAIL 1/4x3/4	12		
SPRING HINGE 4.5x4.5	6		
MS-13	1		
VENT PIPE 3'-0"	2		

DATE	DESCRIPTION	APP'D	DATE
07-19-16	ISSUED FOR PERMIT		

SCALE	FILE NO.	DATE
1/4"=1'-0"	PO-DRMWC02	07-19-16

DWG. NO.	SHEET	REV.
DRMWC-02		



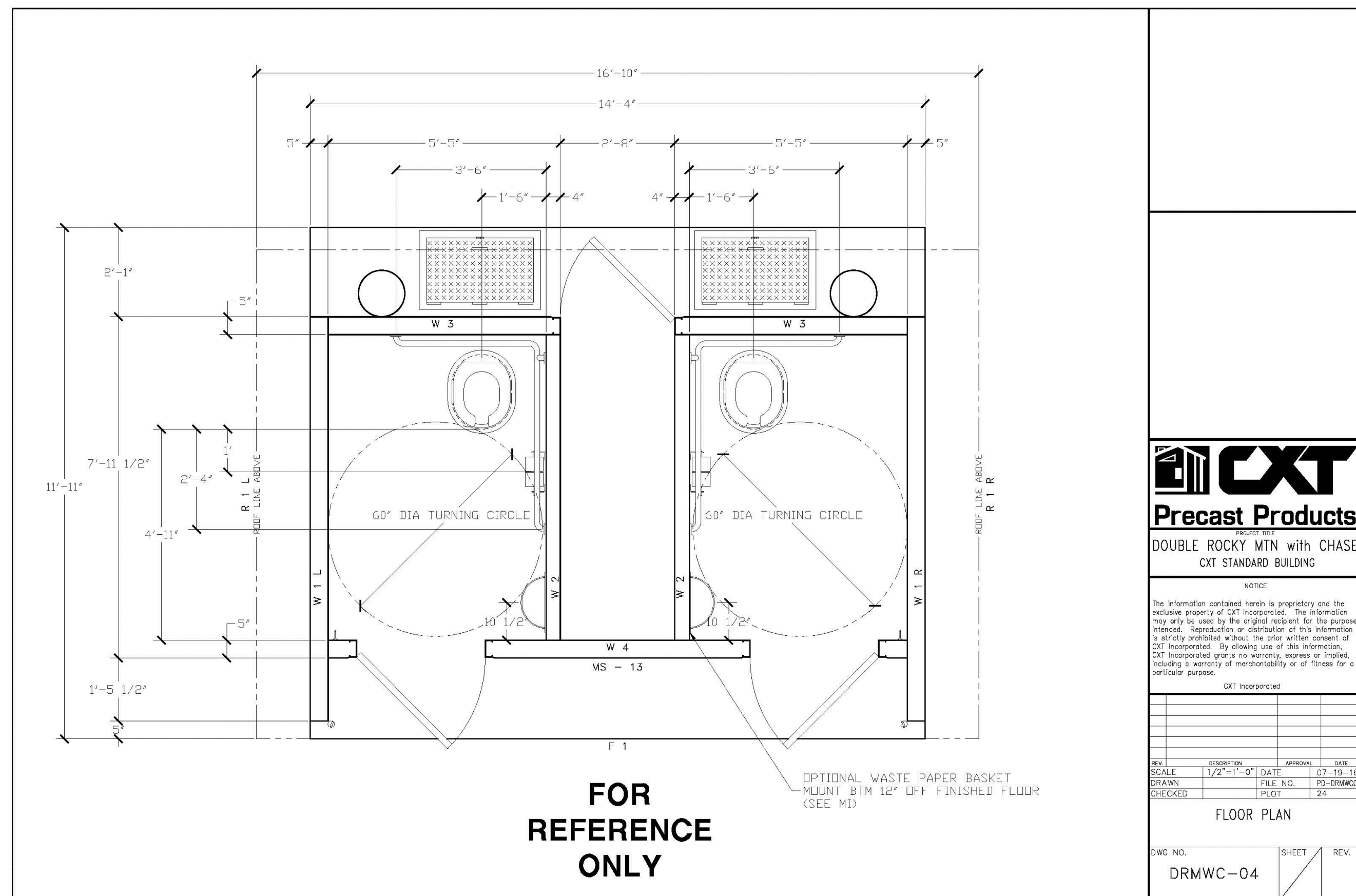
EMBEDDED MATERIALS			
ITEM	QTY	UNIT	REV
RISER	2	ONE WAY OVAL 8x1 1/4	4
GRAB BAR	2	ANCHOR LEAD 6-8x1	4
TP DISPENSER	2	BLIND RIVET 1/8x1/4	4
TOILET PAPER ROLL	4-6		
COAT HOOK	2		
DOOR STOP	2		
MS-13	2		
BLIND RIVET 1/8x1/4	4		
CXT I.D. TAG	2		
ANCHOR NAIL 1/4x1	12		
ANCHOR NAIL 3/16x7/8	18		

DATE	DESCRIPTION	APP'D	DATE
07-19-16	ISSUED FOR PERMIT		

SCALE	FILE NO.	DATE
1/4"=1'-0"	PO-DRMWC03	07-19-16

DWG. NO.	SHEET	REV.
DRMWC-03		

CXT-PRECAST DOUBLE VAULT RESTROOM
 DOUBLE ROCKY MOUNTAIN RESTROOM WITH CHASE, TWO 1,000
 GALLON WASTE VAULTS
 BOARD & BAT CHARCOL GRAY ON UPPER HALF AND NAP VALLEY
 NATURAL GREY STONE WALL ON LOWER HALF
 CONTACT NUMBER:(541) 496-3541
 INSTALL PER MANUFACTURERS RECOMMENDATIONS



EMBEDDED MATERIALS			
ITEM	QTY	UNIT	REV
S-3	2		
VENT PIPE 12'-0"	2		
3068 DOOR ASSEMBLY	2		
TWO DOOR ASSEMBLY	1		
ANCHOR NAIL 1/4x3/4	12		
SPRING HINGE 4.5x4.5	6		
MS-13	1		
VENT PIPE 3'-0"	2		

DATE	DESCRIPTION	APP'D	DATE
07-19-16	ISSUED FOR PERMIT		

SCALE	FILE NO.	DATE
1/4"=1'-0"	PO-DRMWC04	07-19-16

DWG. NO.	SHEET	REV.
DRMWC-04		

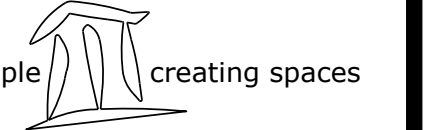
MANUFACTURER: BEACON ATHLETICS
 ITEM #: 120-405-029
 ROOF FRAME: PAINTED NAVY BLUE
 SIZE: 20' LENGTH X 10' DEPTH
 CONTACT NUMBER:(800) 747-5985
 INSTALL PER MANUFACTURERS RECOMMENDATIONS



MANUFACTURER: BEACON ATHLETICS
 ITEM #: 115-765-139
 FINISH: PAINTED NAVY BLUE
 SIZE: 15' LENGTH X 10" DEPTH
 MOUNT: SURFACE
 CONTACT NUMBER:(800) 747-5985
 INSTALL PER MANUFACTURERS RECOMMENDATIONS

1 DOUBLE VAULTED TOILET NOT TO SCALE

2 DUGOUT & BENCHES NOT TO SCALE



TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
 LANDSCAPE PLANS

Drawn by:	BEM, GS
Checked by:	PCS STAFF
Submittal Date:	08.01.2017
Date:	02.27.2018
Know what's below.	08.20.2020
Call before you dig.	10.19.2020
	11.23.2020

IRRIGATION SCHEDULE

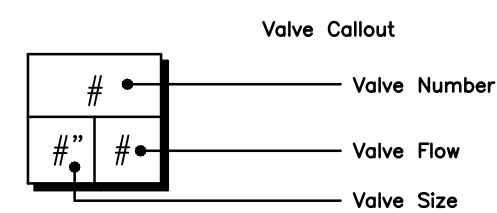
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	RAIN BIRD 180G-SAM-PRS 15 STRIP SERIES TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	30
	RAIN BIRD 180G-SAM-PRS 8 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	30
	RAIN BIRD 180G-SAM-PRS 10 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	30
	RAIN BIRD 180G-SAM-PRS 12 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	30
	RAIN BIRD 180G-SAM-PRS 15 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	30
	HUNTER MP1000 WRAINBIRD 180G-SAM-P45 BODY TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING. HUNTER MP ROTATOR NOZZLE ON RB 180G-SAM-PR45 BODY (REGULATED TO 45 PSI). M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.	40
	HUNTER MP2000 WRAINBIRD 180G-SAM-P45 BODY TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING. HUNTER MP ROTATOR NOZZLE ON RB 180G-SAM-PR45 BODY (REGULATED TO 45 PSI). K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC.	40
	HUNTER MP3000 WRAINBIRD 180G-SAM-P45 BODY TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING. HUNTER MP ROTATOR NOZZLE ON RB 180G-SAM-PR45 BODY (REGULATED TO 45 PSI). B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.	40
	HUNTER MP3500 WRAINBIRD 180G-SAM-P45 BODY TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING. HUNTER MP ROTATOR NOZZLE ON RB 180G-SAM-PR45 BODY (REGULATED TO 45 PSI). LB=LIGHT BROWN ADJUSTABLE ARC, 90-210.	40
	HUNTER MP800SR WRAINBIRD 180G-SAM-P45 BODY TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING. HUNTER MP ROTATOR NOZZLE ON RB 180G-SAM-PR45 BODY (REGULATED TO 45 PSI). ADJ=ORANGE AND GRAY (ARC 90-210), 360=LIME GREEN AND GRAY (ARC 360)	40
	HUNTER MP CORNER W/ RAIN BIRD 180G-SAM-P45 BODY TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING. HUNTER MP ROTATOR NOZZLE ON RB 180G-SAM-PR45 BODY (REGULATED TO 45 PSI). T=TURQUOISE ADJ ARC 45-105.	40
	HUNTER MP STRIP W/ RAIN BIRD 180G-SAM-P45 BODY TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING. HUNTER MP ROTATOR NOZZLE ON RB 180G-SAM-PR45 BODY (REGULATED TO 45 PSI). LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP.	40

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS
	HUNTER I-20-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE.	45	1.50	31'
	HUNTER I-20-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE.	45	2.00	34'
	HUNTER I-20-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE.	45	3.00	38'
	HUNTER I-20-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE.	45	4.00	40'
	HUNTER I-20-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALVE. STANDARD NOZZLE.	45	6.00	43'
	HUNTER I-40-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, STANDARD NOZZLE.	50	8.40	45'
	HUNTER I-40-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, STANDARD NOZZLE.	50	10.3	49'
	HUNTER I-40-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, STANDARD NOZZLE.	50	11.1	50'
	HUNTER I-40-06-55 TURF ROTOR, 6.0" POP-UP. ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, STANDARD NOZZLE.	50	13.8	54'
	HUNTER I-40-04-55-ON TURF ROTOR, 4.0" POP-UP, FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, DUAL OPPOSING NOZZLE.	50	13.0	52'

TEMPORARY IRRIGATION SCHEDULE

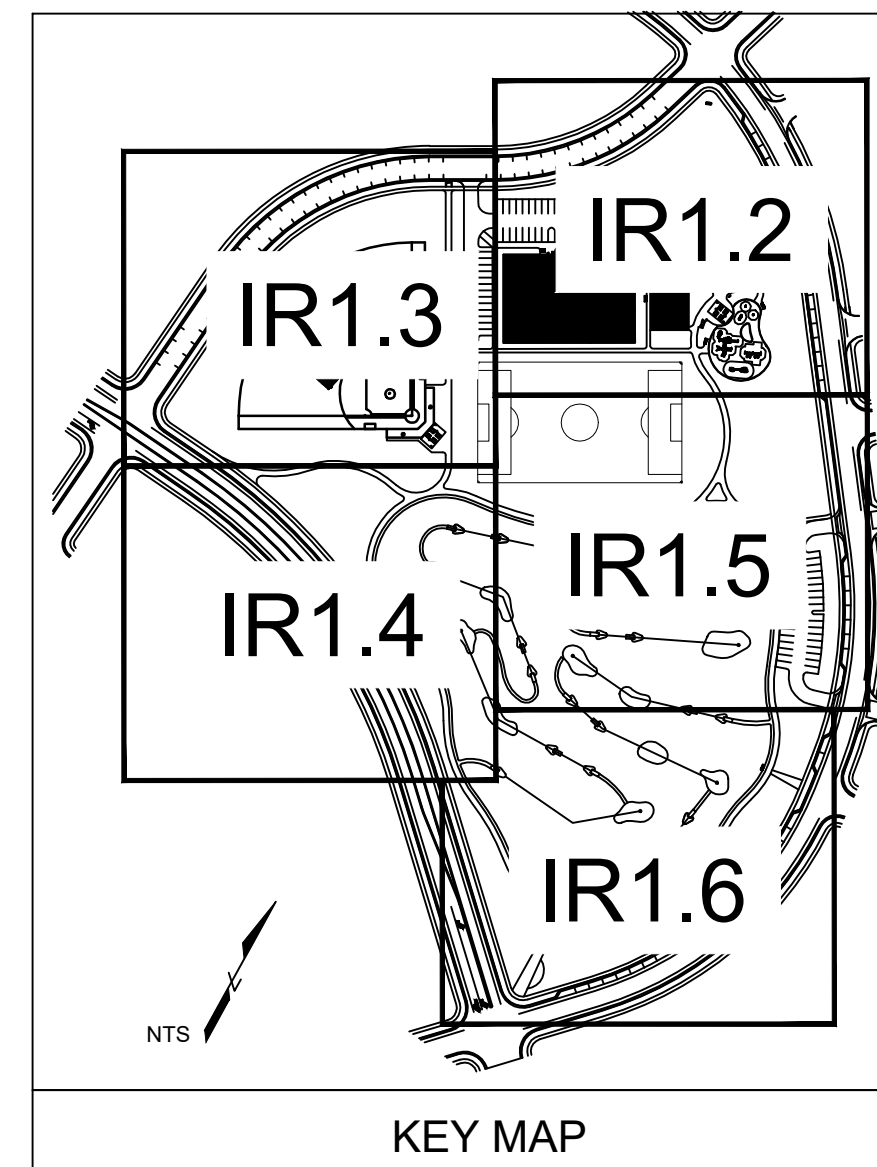
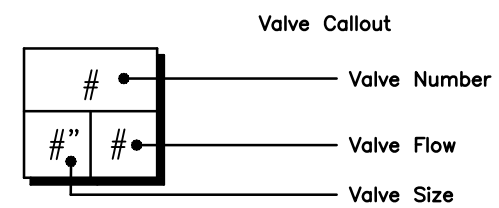
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS
	HUNTER I-40-04-55-ON TURF ROTOR, 4.0" POP-UP, FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, DUAL OPPOSING NOZZLE.	50	13.0	52'
	TEMPORARY IRRIGATION LATERAL LINE: TO BE INSTALLED ABOVE GRADE PVC CLASS 200 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 1" IN SIZE.			
	TEMPORARY IRRIGATION MAINLINE: TO BE INSTALLED ABOVE GRADE PVC CLASS 200 SDR 21. 2.5-INCH UNLESS OTHERWISE NOTED.			
	PIPE SLEEVE: PVC SCHEDULE 40 INSTALL AS SHOWN ON DESIGN OR TWICE THE SIZE OF THE PIPE OR WIRE RUNNING THRU IT. NO TWO PIPES OR WIRE BUNDLES SHALL SHARE THE SAME SLEEVE.			



IRRIGATION SCHEDULE

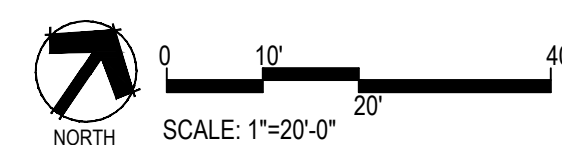
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VALVE ASSEMBLY HIGH FLOW VALVE NETAFIM MODEL LVC258010075-HF. PRE-ASSEMBLED CONTROL ZONE KIT, WITH 1" SERIES 80 CONTROL VALVE, 3/4" DISC FILTER, AND HIGH FLOW PRESSURE REGULATOR 4.5GPM TO 17.6GPM.
	DRIP VALVE ASSEMBLY LOW FLOW VALVE NETAFIM MODEL LVC258010075-LF PRE-ASSEMBLED CONTROL ZONE KIT, WITH 1" SERIES 80 CONTROL VALVE, 3/4" DISC FILTER, AND LOW FLOW PRESSURE REGULATOR 0.25GPM TO 4.4GPM.
	PIPE TRANSITION POINT IN DRIP BOX PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6" BOX.
	DRIFLINE FLUSH CAP AGRIFIM FLUSH CAP. 3/4" DRIFLINE COMPRESSION END CAP WITH SCREW ON END.
	INLINE DRIP INDICATOR HEAD NETAFIM TLAVRV: AIR/VACUUM RELIEF VALVE, 1/2" MALE PIPE THREAD. INSTALL ON RAINBIRD 180G SPRINKLER BODY PER DETAILS.
	AREA TO RECEIVE DRIFLINE NETAFIM TLHCVXR3-1 2 (18): TECHLINE HCVR PRESSURE COMPENSATING LANDSCAPE DRIFLINE WITH CHECK VALVE AND ANTI-SIPHON FEATURE. 0.33GPH EMITTERS AT 12.0" O.C. DRIFLINE LATERALS SPACED AT 18.0" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. 17MM.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	REMOTE CONTROL VALVE ASSEMBLY RAIN BIRD EFB-CP-PRS-D: 1", 1-1/2", 2" BRASS REMOTE CONTROL VALVE, THAT IS CONTAMINATION PROOF W/SELF-FLUSHING FILTER SCREEN. GLOBE CONFIGURATION, RECLAIMED WATER COMPATIBLE
	RAIN BIRD 44-RC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
	ISOLATION GATE VALVE ASSEMBLY MATCO-NORCA 514TX: 1/2"-4" BRASS GATE VALVE, FULL PORT, WITH SOLID WEDGE. IPS. CROSS HANDLE. SAME SIZE AS MAINLINE PIPE.
	MASTER VALVE ASSEMBLY RAIN BIRD EFB-CP-PRS-D MASTER VALVE: 2" BRASS MASTER VALVE, THAT IS CONTAMINATION PROOF W/SELF-FLUSHING FILTER SCREEN. GLOBE CONFIGURATION, RECLAIMED WATER COMPATIBLE, AND PURPLE HANDLE COVER DESIGNATES NON-POTABLE WATER USE. WITH PRESSURE REGULATOR.
	FLOW SENSOR ASSEMBLY 2-INCH PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT. FLOW RANGE 2.8-170 GPM.
	REDUCED PRESSURE BACKFLOW PREVENTER WILKINS 375B: BACKFLOW PREVENTER WITH BLOW OUT/FLUSH FITTING. REINFORCED NYLON HOUSING AND CAST BRONZE BALL VALVES. SIZED TO MATCH TAP & METER (RE: POC NOTE).
	PEDESTAL MOUNT IRRIGATION CONTROLLER TORO SBW36PS I-U-XTRAD: 36-STATION MODULAR SENTINEL FIELD SATELLITE CONTROLLER. REMOTE AND FLOW SENSOR READY, WITH ET-BASED RUN TIMES. ENCLOSURE: STAINLESS STEEL PEDESTAL MOUNT. INSTALL IN COORDINATION WITH TOWN OF PARKER IRRIGATION STAFF. CONTACT DENNIS LYNCH AT CPS
	PEDESTAL MOUNT IRRIGATION CONTROLLER (OUTPUT BOARD) TORO SBW12PS I-WORM: 12-STATION MODULAR SENTINEL FIELD SATELLITE CONTROLLER. REMOTE AND FLOW SENSOR READY, WITH ET-BASED RUN TIMES. ENCLOSURE: STAINLESS STEEL PEDESTAL MOUNT. INSTALL IN COORDINATION WITH TOWN OF PARKER IRRIGATION STAFF. CONTACT DENNIS LYNCH AT CPS "K" CONTROLLER IS A TORO SBW36PS I-WORM MODEL.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 PVC CLASS 200 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 1" IN SIZE.
	IRRIGATION LATERAL LINE TO DRIP TRANSITION PIPE: PVC CLASS 200 SDR 21 1-INCH IN SIZE UNLESS OTHERWISE NOTED.
	DRIP IRRIGATION LATERAL LINE TO EMITTERS IN NATIVE SEED: 3/4-INCH UV RADIATION RESISTANT POLYETHYLENE PIPE TO NETAFIM INLINE DRIP TUBING TREE RINGS (RE: DETAILS).
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 2.5-INCH UNLESS OTHERWISE NOTED.
	DRINKING FOUNTAIN WATER LINE: TYPE K COPPER, 3/4-INCH SIZE. REFER TO LANDSCAPE PLANS FOR DETAILS. INSTALL AT FROST FREE DEPTH.
	PIPE SLEEVE: PVC SCHEDULE 40 INSTALL AS SHOWN ON DESIGN OR TWICE THE SIZE OF THE PIPE OR WIRE RUNNING THRU IT. NO TWO PIPES OR WIRE BUNDLES SHALL SHARE THE SAME SLEEVE.



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
	THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE EXISTING IRRIGATION WATER TAP AND METER, AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT, MASTER VALVE ASSEMBLY, AND FLOW SENSOR AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE. VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION.
	PEDESTAL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. CARE SHOULD BE TAKEN TO INSTALL THE IRRIGATION CONTROLLER IN A LOCATION THAT IS ACCESSIBLE FOR MAINTENANCE, AND SCREENED FROM VIEW EITHER BEHIND ENTRY WALLS, NEXT TO BUILDINGS, OR BEHIND PLANT MATERIAL. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE. INSTALL PER NATIONAL ELECTRIC CODE (NEC).
	IRRIGATION SHOWN IN HARDSCAPE FOR CLARITY ONLY. ALL IRRIGATION SHALL BE INSTALLED IN LANDSCAPED AREA. ANY IRRIGATION TO BE INSTALLED UNDER HARDSCAPE SHALL BE SLEEVED.
	INSTALL HYDRANT METER PER PWSO REQUIREMENTS: INSTALL PRESSURE REGULATING VALVE, 2" BACKFLOW, AND 2X2" CAM LOCK FOR FIRE DEPARTMENT REMOVAL. UTILIZE TWO (2) SUPPORTS FOR ASSEMBLY. INSTALL MAINLINE ABOVE GRADE AND STAKE IN PLACE.
	CONTRACTOR SHALL INSTALL APPOSING-NOZZLE ROTOR IN 6-INCH ROUND VALVE BOX PER TOWN PARKS STANDARDS. COORDINATE INSTALLATION WITH TOWN PARKS IRRIGATION STAFF.
	CONTRACTOR SHALL INSTALL TYPE K COPPER LINE AT FROST FREE DEPTH TO DRINKING FOUNTAIN. INSTALL PER TOWN OF PARKER STANDARDS AND LOCAL PLUMBING CODES. REFER TO LANDSCAPE PLANS FOR DRINKING FOUNTAIN INSTALLATION AND CONNECTION DETAILS. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR AND TOWN OF PARKER.



Prepared For
ESX MANAGEMENT
7353 SOUTH ALTON WAY
CENTENNIAL, CO 80112

Land Planning
people creating spaces

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Engineering
CVL
CONSULTANTS
10333 E. DRY CREEK RD. #240
ENGLEWOOD, CO 80112
720-482-9526

TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
IRRIGATION PLANS

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970.402.3047
Michelle@MPIDesignsllc.com

Drawn by: DGP/MLP
Checked by: MLP
Submittal Date: 02.27.18
05.24.18
07.12.19
06.09.2021
811

Sheet Name
IRRIGATION LEGEND
AND NOTES

Sheet Number
IR1.0

ParkerWater LANDSCAPE/IRRIGATION WORKSHEET
Tap sizing for dedicated irrigation taps

Yellow fields require user input

Irrigation Water Requirement = (ET_o x PF x LA)/IE

Define Landscape & Irrigation System:	
High Water Use Plant Material <small>*Cool season turfgrass (Kentucky bluegrass)</small>	
Plant Factor (PF, %)	High 0.9
Landscape Area (LA, sq ft)	50910
Irrigation Efficiency (IE, %)	Overhead 0.65
High-Moderate Water Use Plant Material <small>*Hybrid grass types (Texas hybrids, fescue, etc.)</small>	
Plant Factor (PF, %)	High-Med 0.8
Landscape Area (LA, sq ft)	Overhead 0.65
Moderate Water Use Plant Material <small>*Traditional trees/shrubs/perennials, alternative grass types (buffalograss, blue grama, etc.)</small>	
Plant Factor (PF, %)	Med 0.5
Landscape Area (LA, sq ft)	19361
Irrigation Efficiency (IE, %)	Drip 0.9
Low Water Use Plant Material <small>*Xeric trees/shrubs/perennials, native grass mixes</small>	
Plant Factor (PF, %)	Low 0.25
Landscape Area (LA, sq ft)	112855
Irrigation Efficiency (IE, %)	Overhead 0.65

*PWSD holds final discretion for determining appropriate plant factor designations based on landscape plan submission
[Visit Appendix B of the SMWSA Model Ordinance for Plant Factor Guidelines](#)

Site Summary:	
Total Irrigated Area (sq ft)	183126
Avg Plant Factor (%)	0.46
Avg Irrigation Efficiency (%)	0.68
Peak monthly ET, Parker, CO:	
Peak monthly ET (July):	7.56 in
Irrigation Water Requirement (IWR):	
Peak monthly IWR:	584272 gal
Maximum flow requirement:	61.1 GPM
<small>* Max. flow requirements are based on peak monthly irrigation demands and follow PWSD's watering guidelines</small>	
Hydraulic Requirements:	
Tap Size (in)	Max GPM
v = 7.5 fps	
3/4"	10
1"	18
1 1/2"	40
2"	71
3"	189
4"	380
<small>* 2" and smaller assumes Seamless K Copper Tube 3" and larger assumes Ductile Iron Pipe Class 350</small>	
Tap Size Requirement	2"
System Design Pressure: N/A PSI	
<input type="checkbox"/> Design pressure has been field tested & verified	
<input checked="" type="checkbox"/> This form has been completed in compliance with PWSD's Engineering Standards & Specifications Manual regarding irrigation design specifications	

ParkerWater LANDSCAPE/IRRIGATION WORKSHEET
Tap sizing for dedicated irrigation taps

Yellow fields require user input

Irrigation Water Requirement = (ET_o x PF x LA)/IE

Define Landscape & Irrigation System:	
High Water Use Plant Material <small>*Cool season turfgrass (Kentucky bluegrass)</small>	
Plant Factor (PF, %)	High 0.9
Landscape Area (LA, sq ft)	83617
Irrigation Efficiency (IE, %)	Overhead 0.65
High-Moderate Water Use Plant Material <small>*Hybrid grass types (Texas hybrids, fescue, etc.)</small>	
Plant Factor (PF, %)	High-Med 0.8
Landscape Area (LA, sq ft)	Overhead 0.65
Moderate Water Use Plant Material <small>*Traditional trees/shrubs/perennials, alternative grass types (buffalograss, blue grama, etc.)</small>	
Plant Factor (PF, %)	Med 0.5
Landscape Area (LA, sq ft)	13823
Irrigation Efficiency (IE, %)	Overhead 0.65
Low Water Use Plant Material <small>*Xeric trees/shrubs/perennials, native grass mixes</small>	
Plant Factor (PF, %)	Low 0.25
Landscape Area (LA, sq ft)	55399
Irrigation Efficiency (IE, %)	Drip 0.9

*PWSD holds final discretion for determining appropriate plant factor designations based on landscape plan submission
[Visit Appendix B of the SMWSA Model Ordinance for Plant Factor Guidelines](#)

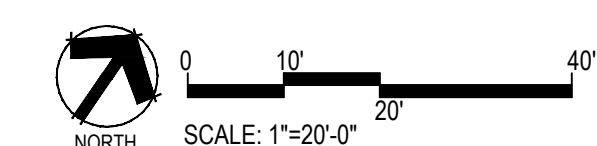
Site Summary:	
Total Irrigated Area (sq ft)	152839
Avg Plant Factor (%)	0.63
Avg Irrigation Efficiency (%)	0.74
Peak monthly ET, Parker, CO:	
Peak monthly ET (July):	7.56 in
Irrigation Water Requirement (IWR):	
Peak monthly IWR:	664641 gal
Maximum flow requirement:	69.5 GPM
<small>* Max. flow requirements are based on peak monthly irrigation demands and follow PWSD's watering guidelines</small>	
Hydraulic Requirements:	
Tap Size (in)	Max GPM
v = 7.5 fps	
3/4"	10
1"	18
1 1/2"	40
2"	71
3"	189
4"	380
<small>* 2" and smaller assumes Seamless K Copper Tube 3" and larger assumes Ductile Iron Pipe Class 350</small>	
Tap Size Requirement	2"
System Design Pressure: N/A PSI	
<input type="checkbox"/> Design pressure has been field tested & verified	
<input checked="" type="checkbox"/> This form has been completed in compliance with PWSD's Engineering Standards & Specifications Manual regarding irrigation design specifications	

POC #8

POC #11

INSTALLATION GENERAL NOTES

1. DESIGN ASSUMES A MINIMUM DYNAMIC PRESSURE FOR THE IRRIGATION SYSTEM (PER CITY OR ENGINEER) OF UP TO 90 PSI, AT A MINIMUM FLOW OF 70 GPM AT EACH 2-INCH POINT-OF-CONNECTION (POC). VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION. CONTACT GENERAL CONTRACTOR OR OWNER'S REPRESENTATIVE IMMEDIATELY IF FLOW OR PRESSURE ARE LOWER THAN LISTED ABOVE. BOOSTER PUMP MAY BE REQUIRED.
 - 1.1. NEITHER HISTORICAL NOR CIVIL SITE HYDRAULICS WERE AVAILABLE AT THE TIME OF DESIGN.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION. FOR CLARIFICATION, CONTACT IRRIGATION DESIGNER PRIOR TO CONSTRUCTION.
 - 2.1. UPON FINAL ACCEPTANCE, CONTRACTOR SHALL TURN OVER REQUIRED ADJUSTMENT KEYS INCLUDING BUT NOT LIMITED TO CONTROLLER ENCLOSURE AND BACKFLOW ENCLOSURE KEY, LOCKING VALVE BOX KEYS, QUICK COUPLER KEYS, GATE VALVE KEY, SPRINKLER HEAD AND NOZZLE ADJUSTMENT KEYS.
 - 2.2. UPON FINAL ACCEPTANCE, CONTRACTOR SHALL TURN OVER SPARE PARTS PERTAINING TO INSTALLED SYSTEM: BACKFLOW WINTERIZATION INSERT, TWO OF EVERY HEAD AND NOZZLE (ROTOR NOZZLE TREE INCLUDED), ONE RCV DIAPHRAGM, ETC.
3. COORDINATE UTILITY LOCATES OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION ("811-CALL BEFORE YOU DIG").
4. IF DISCREPANCIES ARE NOTED IN THE FIELD BETWEEN SITE CONDITIONS AND PROVIDED DESIGNS, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR IMMEDIATELY. DO NOT PROCEED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM IF SUCH DISCREPANCIES IN THE FIELD AFFECT THE PROVIDED DESIGN, DETAILS, OR SPECIFICATIONS.
5. ALL IRRIGATION COMPONENTS (MAINLINE, WIRES, LATERAL LINES, ETC.) SHALL BE INSTALLED IN LANDSCAPED AREAS WHENEVER POSSIBLE, EVEN THOUGH SAID IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY.
5. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, AND ARCHITECTURAL FEATURES WHENEVER POSSIBLE. COORDINATE POTENTIAL RELOCATION OF BOULDERS AND TREES IN TURF AREAS WITH LANDSCAPE ARCHITECT PRIOR TO SPRINKLER LAYOUT. IF LANDSCAPE MATERIAL CANNOT BE RELOCATED, ADDITIONAL SPRINKLERS MAY BE REQUIRED.
6. CROSS FITTINGS ARE NOT ALLOWED, ONLY STANDARD TEES AND ELBOWS.
7. CONTRACTOR SHALL INSTALL NOZZLES PER PLAN, UNLESS IRRIGATED AREA CHANGED IN SIZE OR PLANT MATERIAL TYPE CHANGES. IF NOZZLE CHANGES ARE REQUIRED AND ARE SIGNIFICANT IN SIZE, CONTRACTOR SHALL CONTACT IRRIGATION DESIGNER FOR APPROVAL.
8. CONTRACTOR SHALL FIELD LOCATE ANY EXISTING SLEEVES ON SITE PRIOR TO CONSTRUCTION WITH THE AID OF THE GENERAL CONTRACTOR. MISSING SLEEVES SHALL BE REPORTED IMMEDIATELY. NEW SLEEVES SHOWN ON PLANS ARE REQUIRED FOR BOTH PIPING AND ELECTRICAL WIRING AT EACH HARDSCAPE CROSSING. COORDINATE INSTALLATION OF SLEEVING WITH OTHER TRADES. ANY PIPE OR WIRE WHICH PASSES BENEATH EXISTING HARDSCAPE WHERE SLEEVING WAS NOT INSTALLED WILL REQUIRE HORIZONTAL BORING BY THE IRRIGATION CONTRACTOR.
9. INSTALL ALL ELECTRICAL POWER TO THE IRRIGATION CONTROL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.
10. THE FOLLOWING SHOULD BE NOTED REGARDING PIPE SIZING: IF A SECTION OF UNSIZED PIPE IS LOCATED BETWEEN THE IDENTICALLY SIZED SECTIONS, THE UNSIZED PIPE IS THE SAME NOMINAL SIZE AS THE TWO SIZED SECTIONS. THE UNSIZED PIPE SHOULD NOT BE CONFUSED WITH THE DEFAULT PIPE SIZE NOTED IN THE LEGEND.
 - 10.1. MAINLINE PIPE SIZES MAY VARY THROUGHOUT PROJECT. EACH MAINLINE LEG IS SIZED TO ACCOMMODATE LARGEST VALVE ON THAT LEG. STATED SIZE IN LEGEND MAY NOT BE THE LARGEST SIZE ON PLANS.
 - 10.1.1. INSTALL THREE (3) #14 AWG CONTROL WIRES FROM CONTROLLER LOCATION TO EACH DEAD-END OF MAINLINE FOR USE AS SPARES IN CASE OF CONTROL WIRE FAILURE. COIL 3 FEET OF WIRE IN VALVE BOX.
 - 10.2. TREES IN TURF ARE NOT IRRIGATED BY DRIP SYSTEM. DRIP LATERAL ROUTED NEAR TREES IN TURF ARE NOT TO RECEIVE DRIP IRRIGATION. TREES IN UNDISTURBED NATIVE SEEDED AREAS ARE IRRIGATED ON DRIP SYSTEM.
 - 10.3. NO IRRIGATION EQUIPMENT, INCLUDING BUT NOT LIMITED TO, MAINLINE, VALVES, AND SPRINKLERS, SHALL BE INSTALLED WITHIN 3' OF NEW BUILDING FOUNDATION.
 - 10.4. SPRINKLER ZONES CAN ONLY COVER AN ELEVATION RANGE OF 1.4', THUS THE SMALLER VALVE SIZES. ZONES CAN OPERATE SIMULTANEOUSLY WHERE APPLICABLE.
 - 10.4.1. MAINLINE LOOPS ARE SIZED TO UTILIZE TAP SUPPLY OF 70 GPM.
 - 10.4.2. DEAD END MAINLINE RUNS ARE SIZED TO ACCOMMODATE THE LARGEST VALVE ON THE RUN.



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PARK PLANS
PARKER, COLORADO
IRRIGATION PLANS

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Checked by:	MLP
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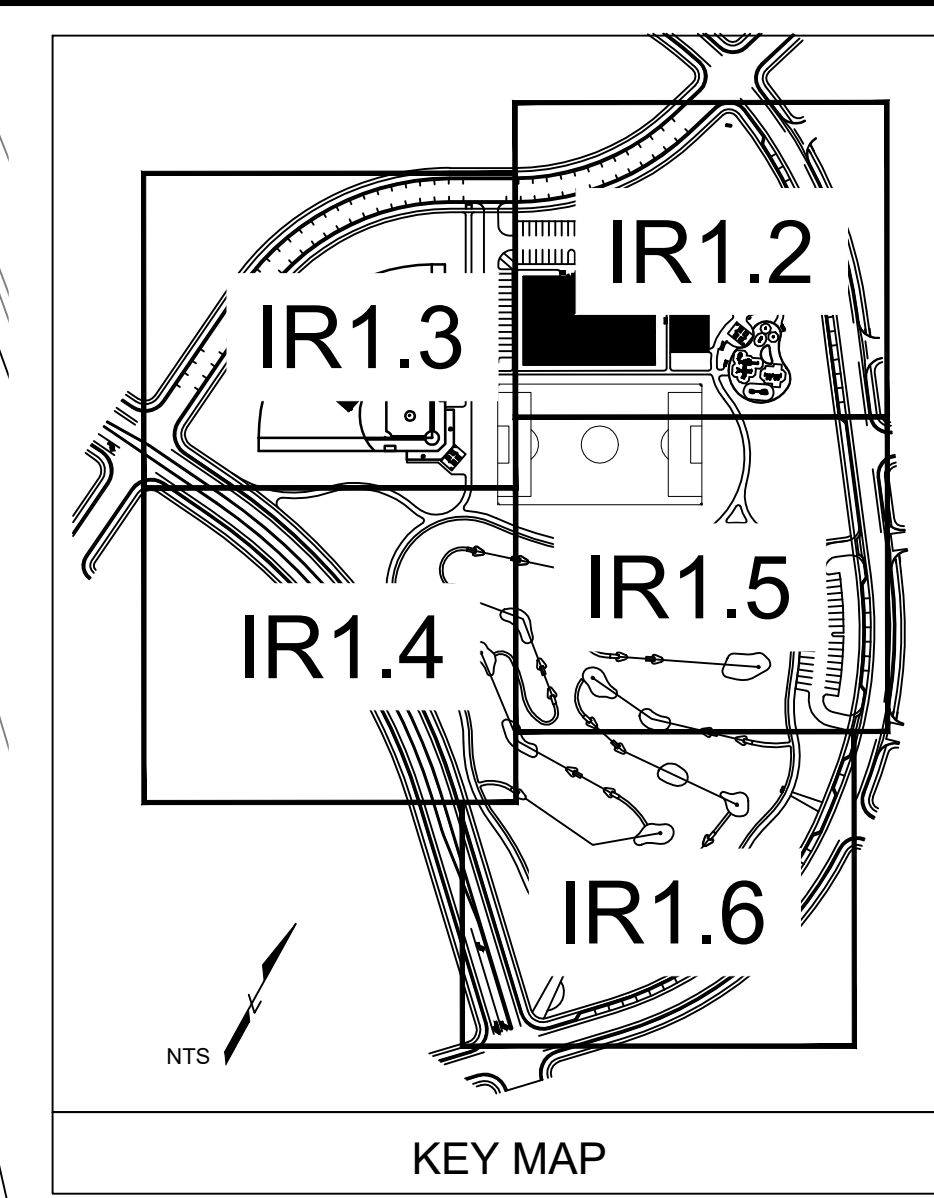
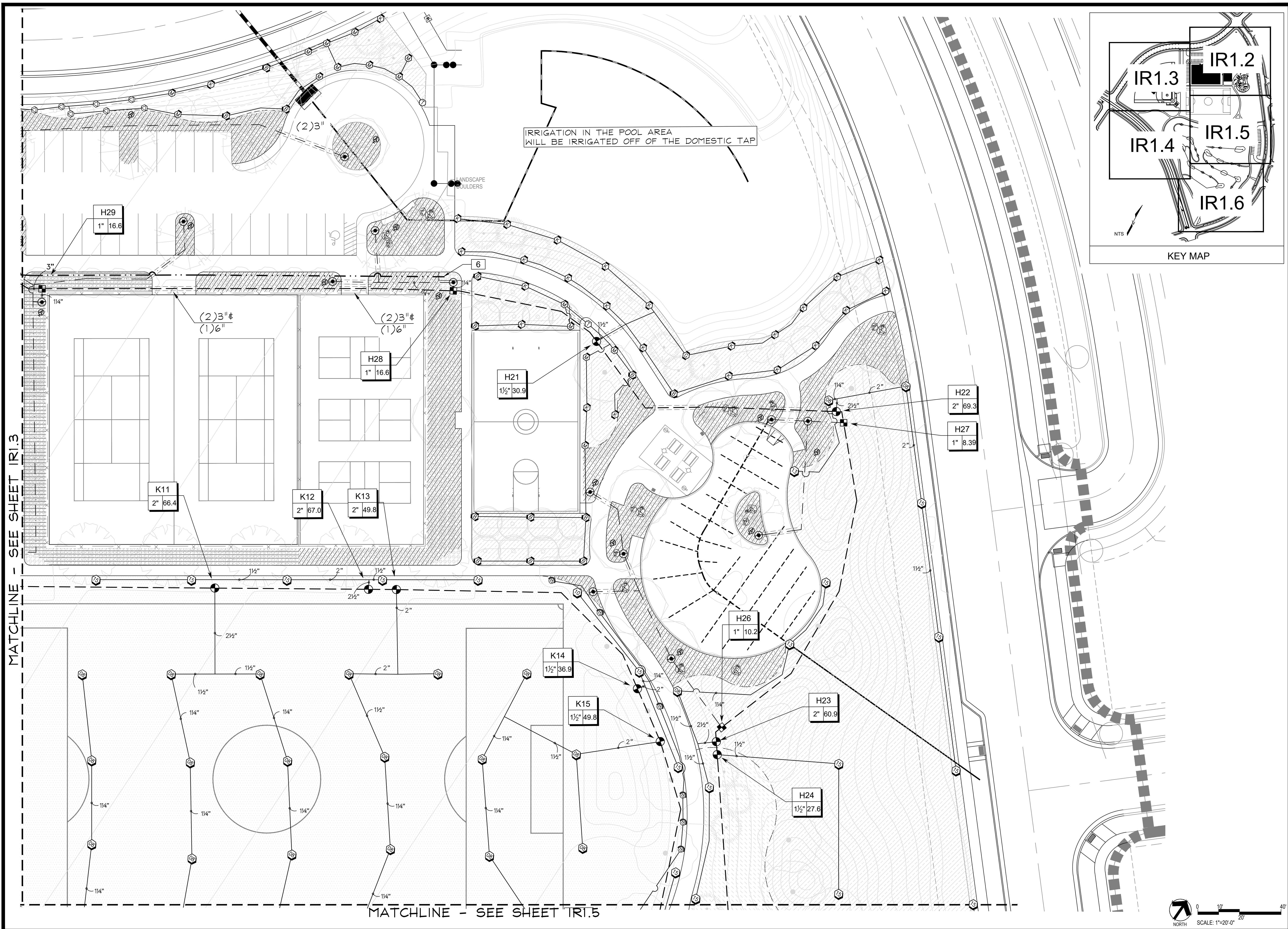
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■ Sheet Name ■

IRRIGATION TAP
WORKSHEETS

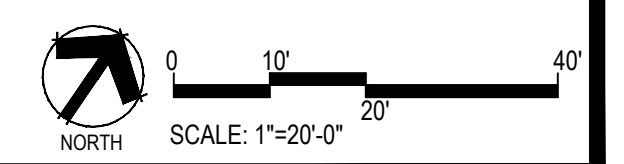
■ Sheet Number ■

IR1.1



MATCHLINE - SEE SHEET IRI.3

MATCHLINE - SEE SHEET IRI.5



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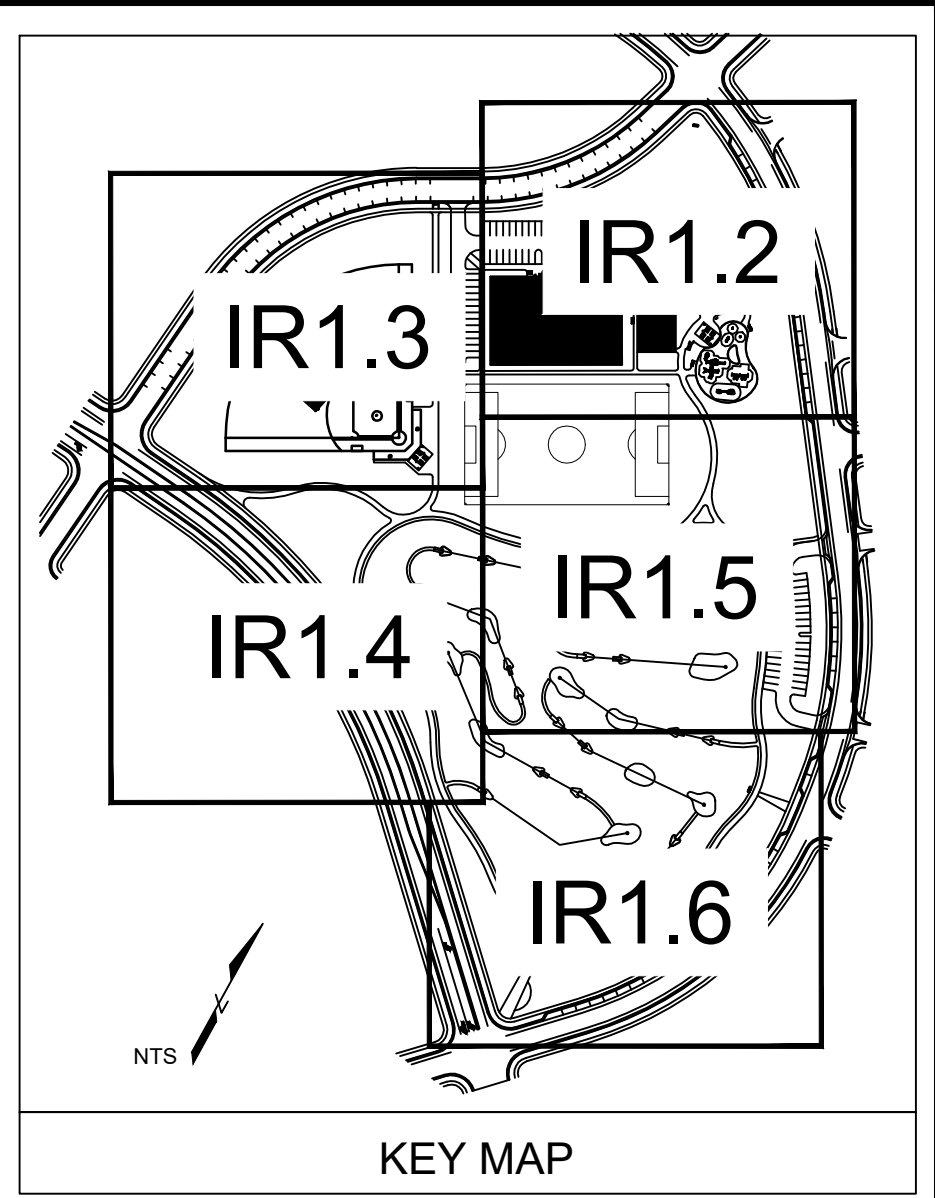
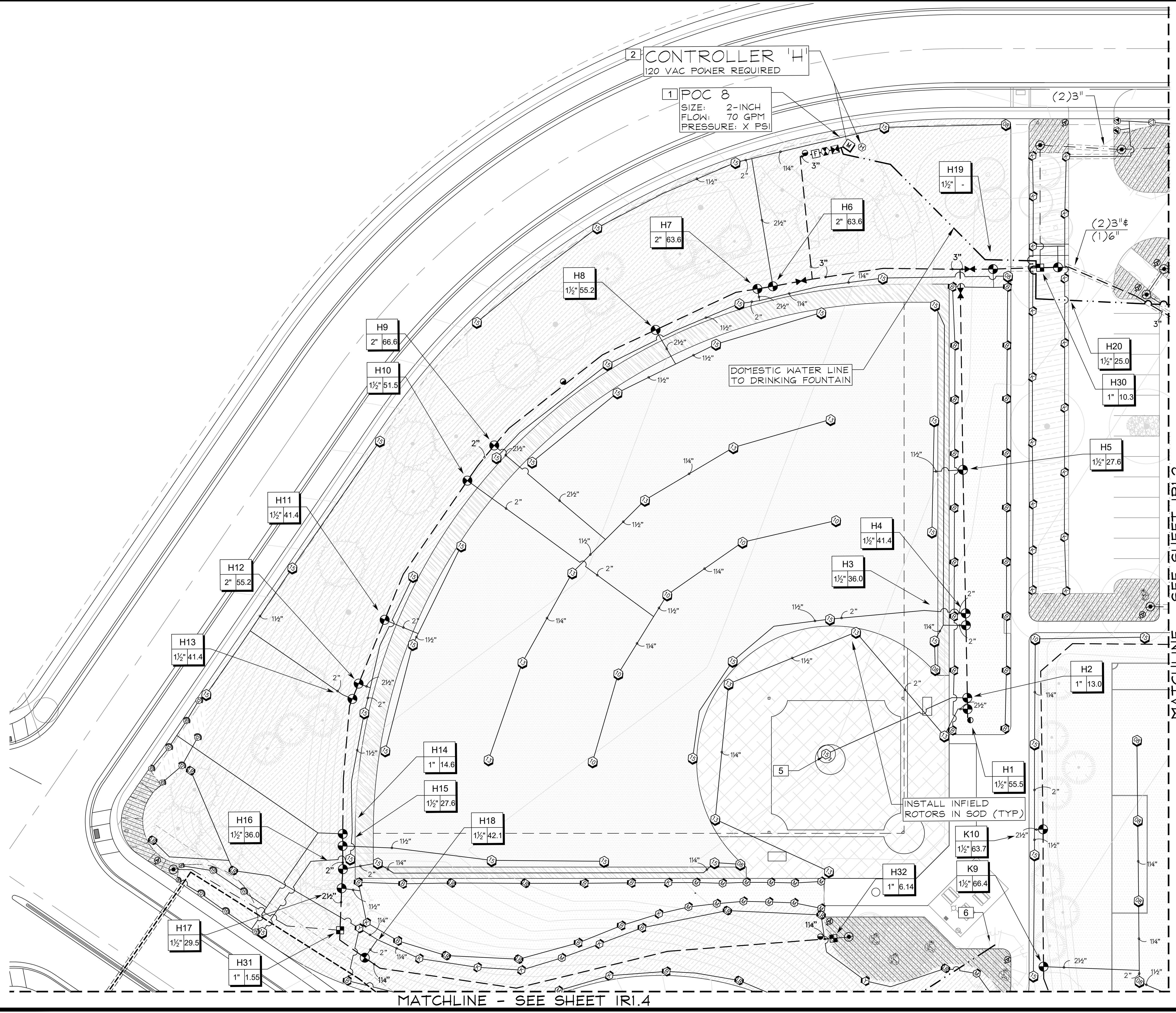
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Sheet Name
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Sheet Number
IR1.2



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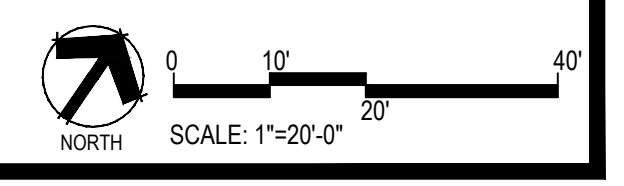
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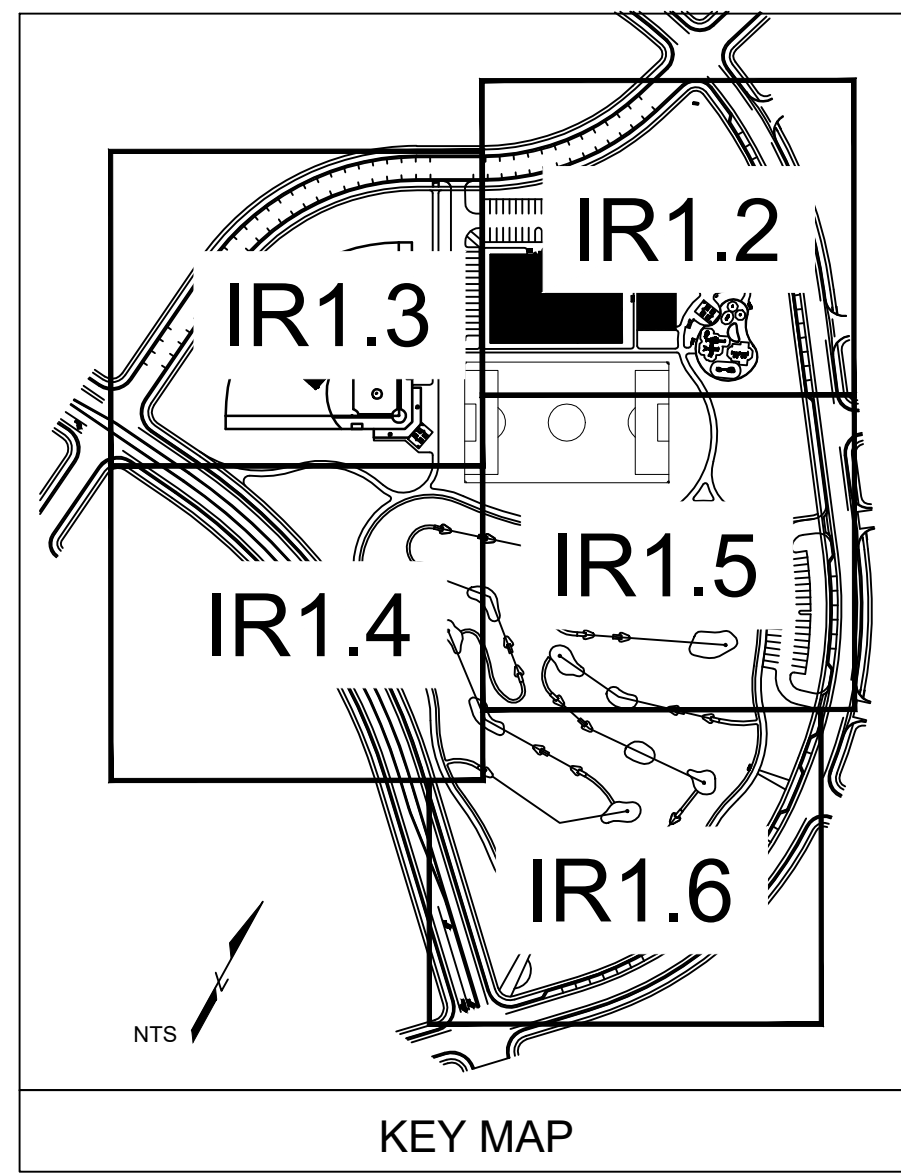
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Sheet Number
IR1.3



MATCHLINE - SEE SHEET IR1.2

MATCHLINE - SEE SHEET IR1.4



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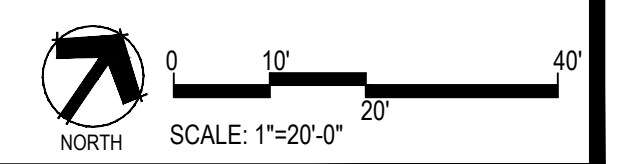
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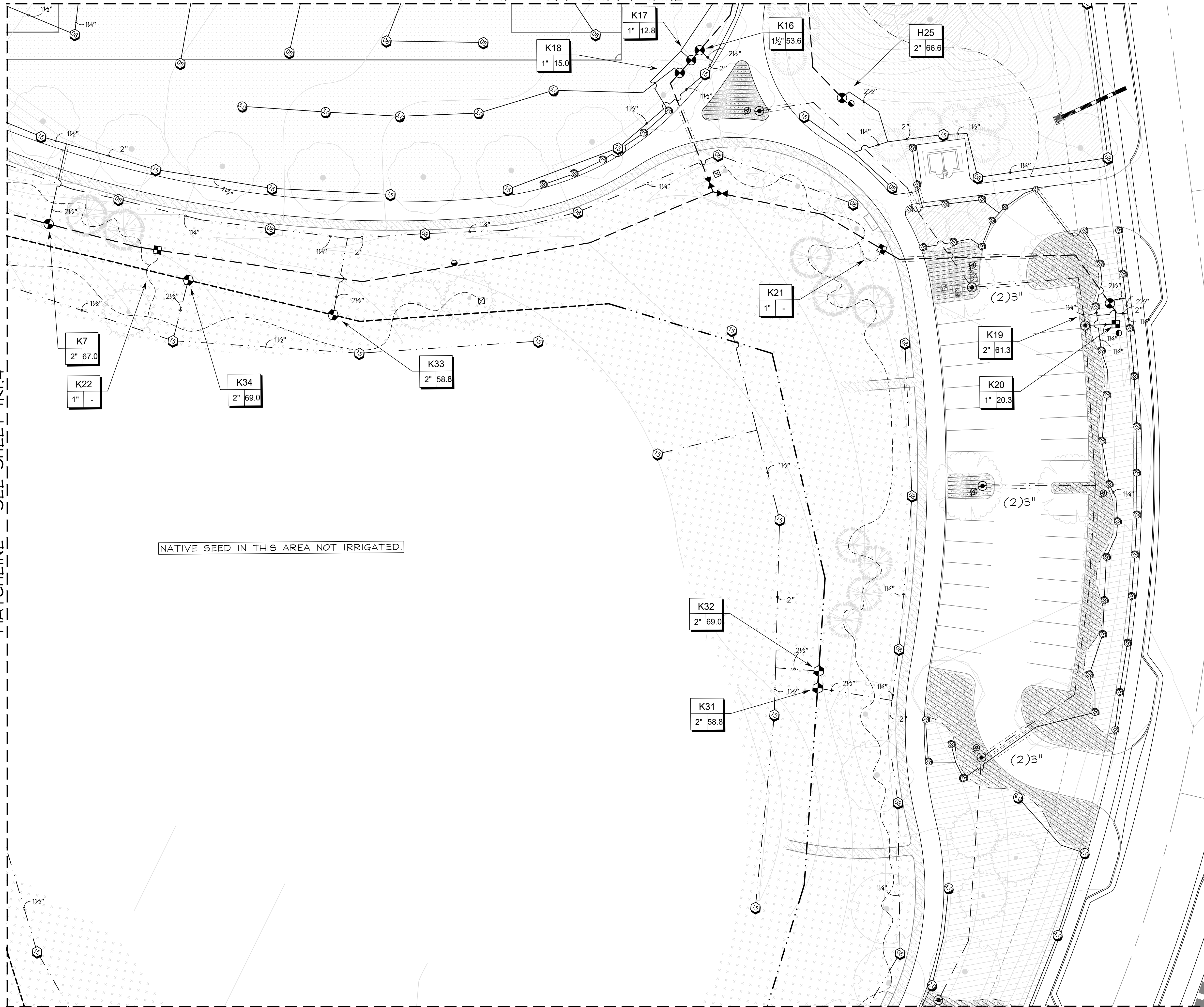
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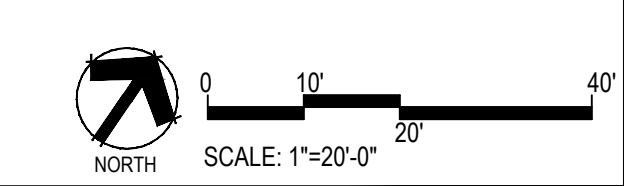
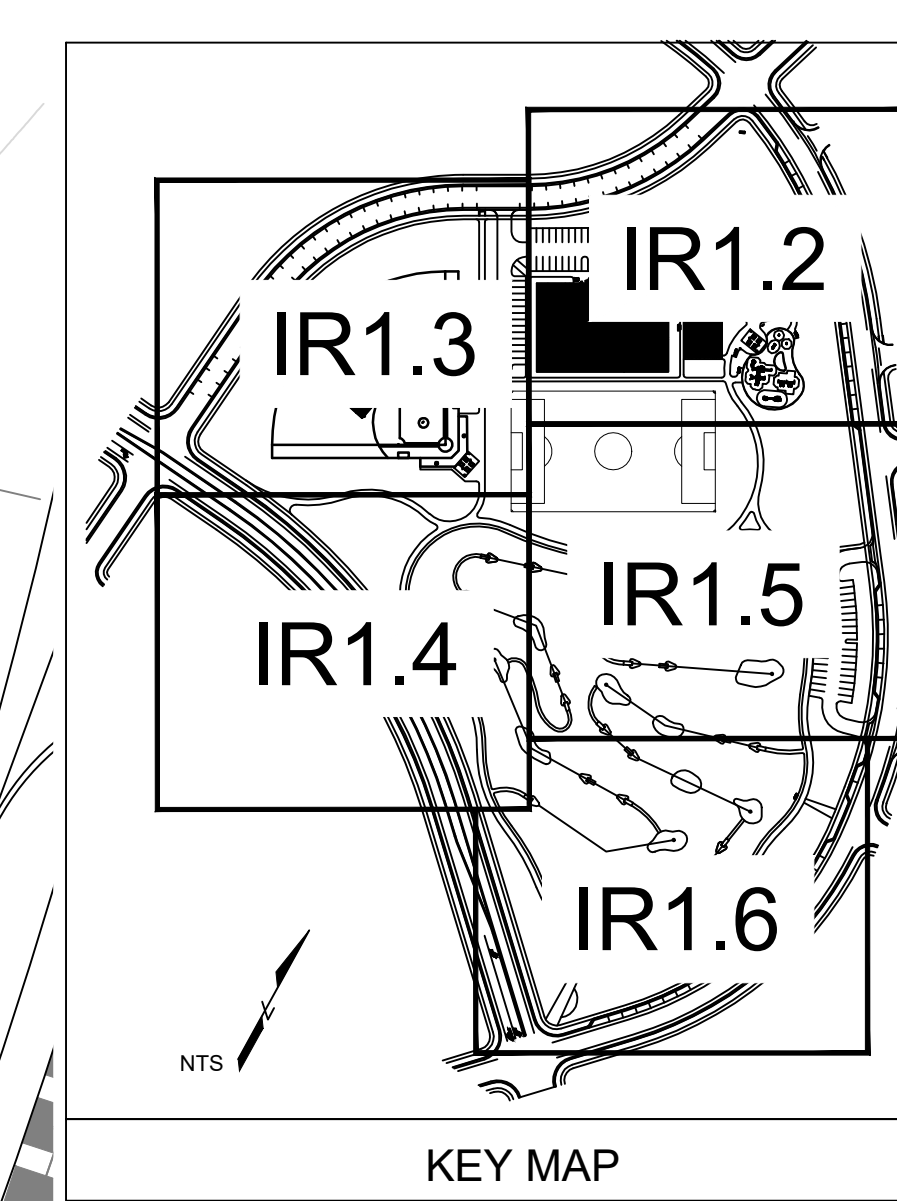
MATCHLINE - SEE SHEET IR1.4

MATCHLINE - SEE SHEET IR1.2

MATCHLINE - SEE SHEET TR1.6



NATIVE SEED IN THIS AREA NOT IRRIGATED.



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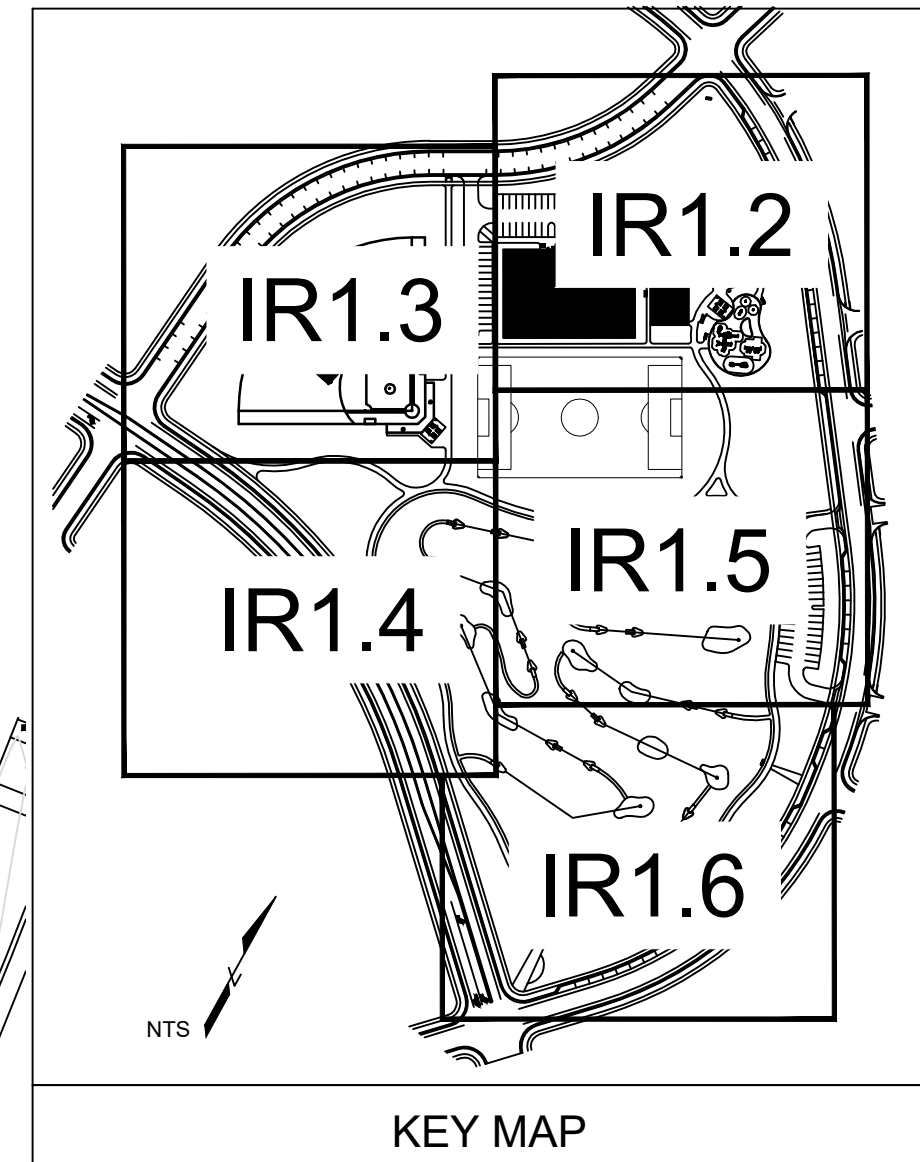
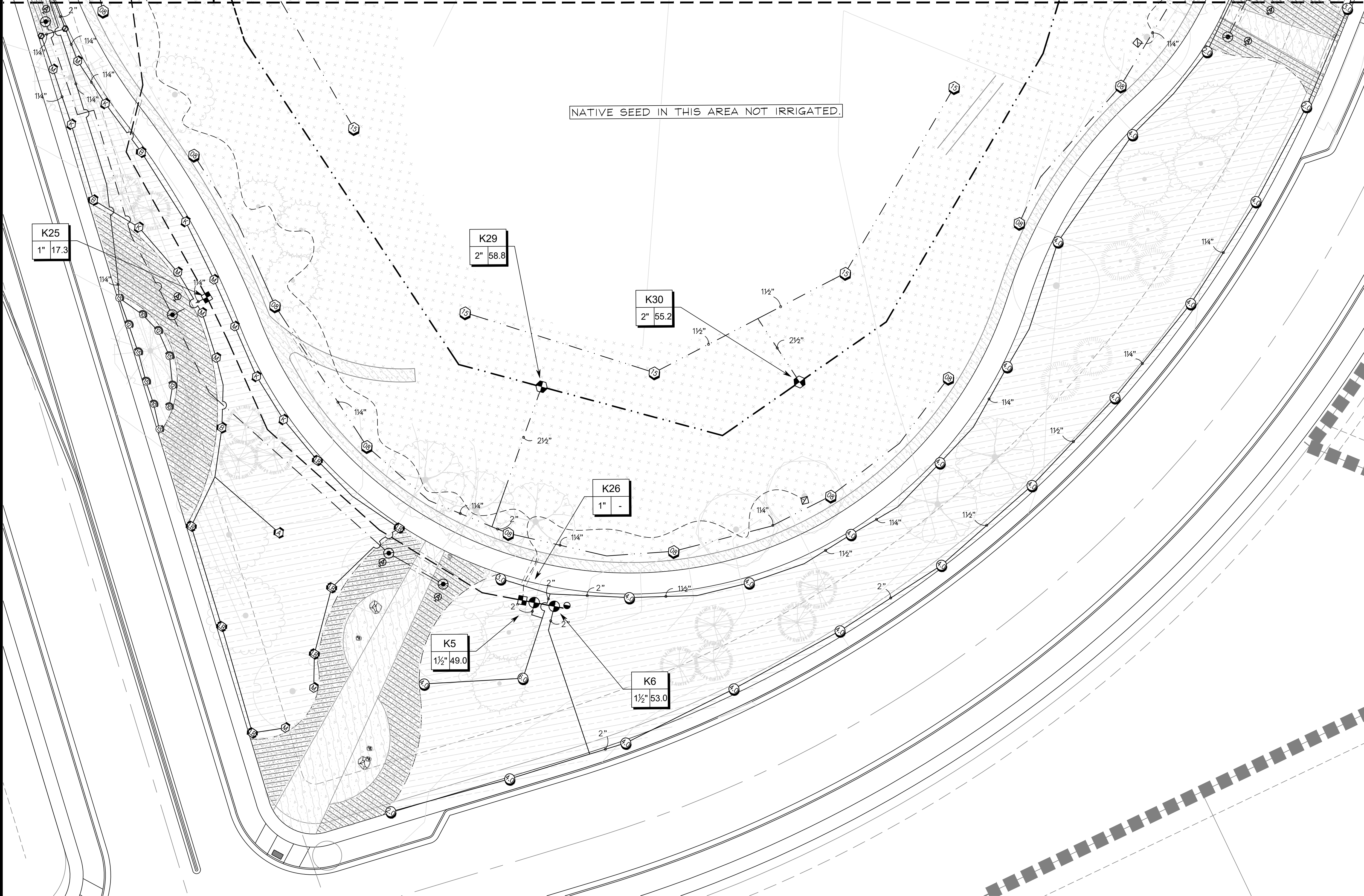
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Sheet Number
IR1.5

MATCHLINE - SEE SHEET IR1.4

MATCHLINE - SEE SHEET IR1.5

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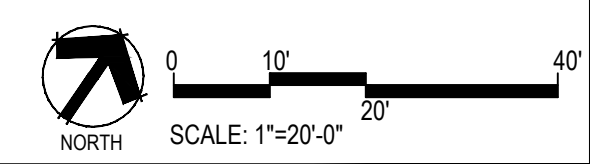
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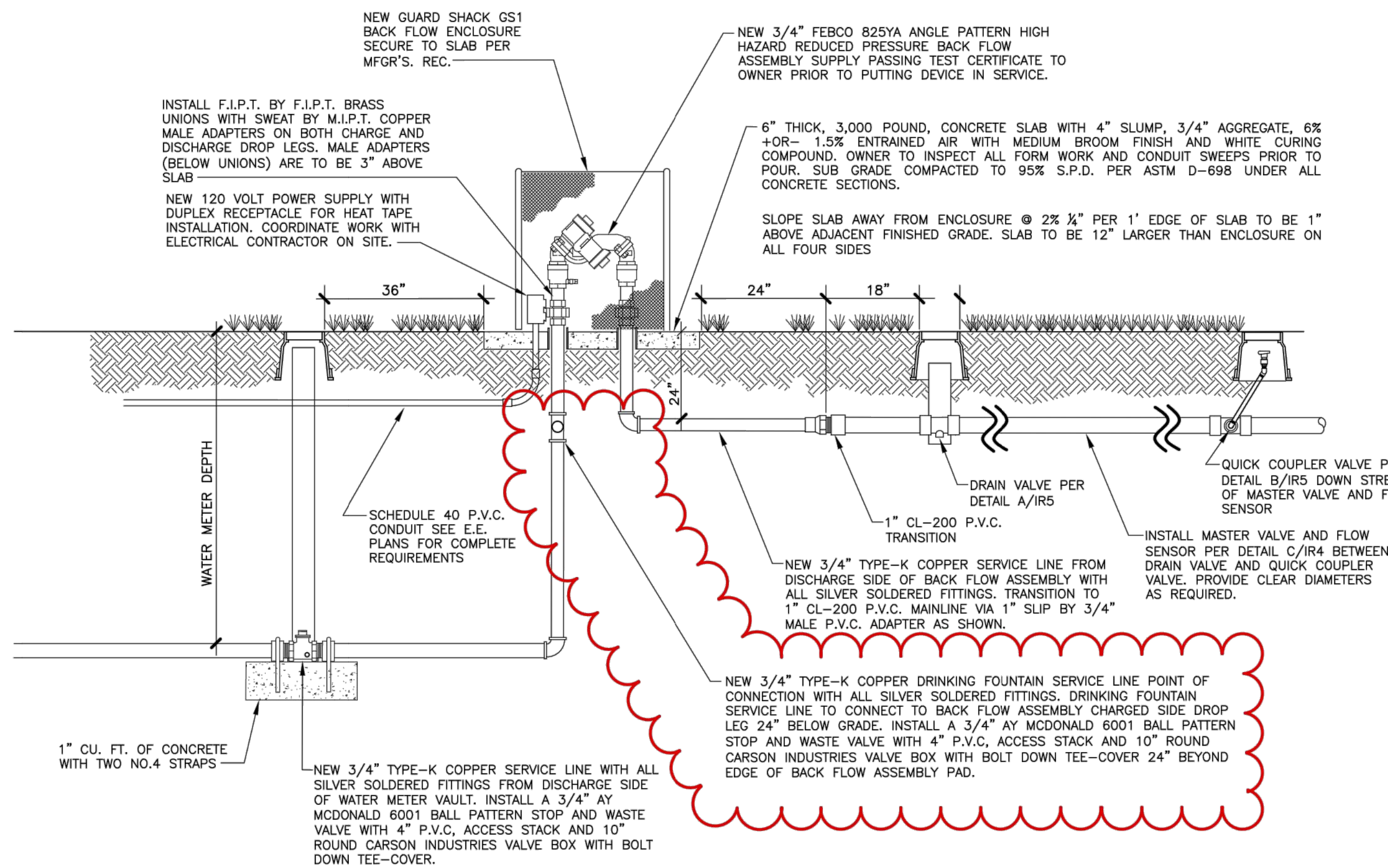
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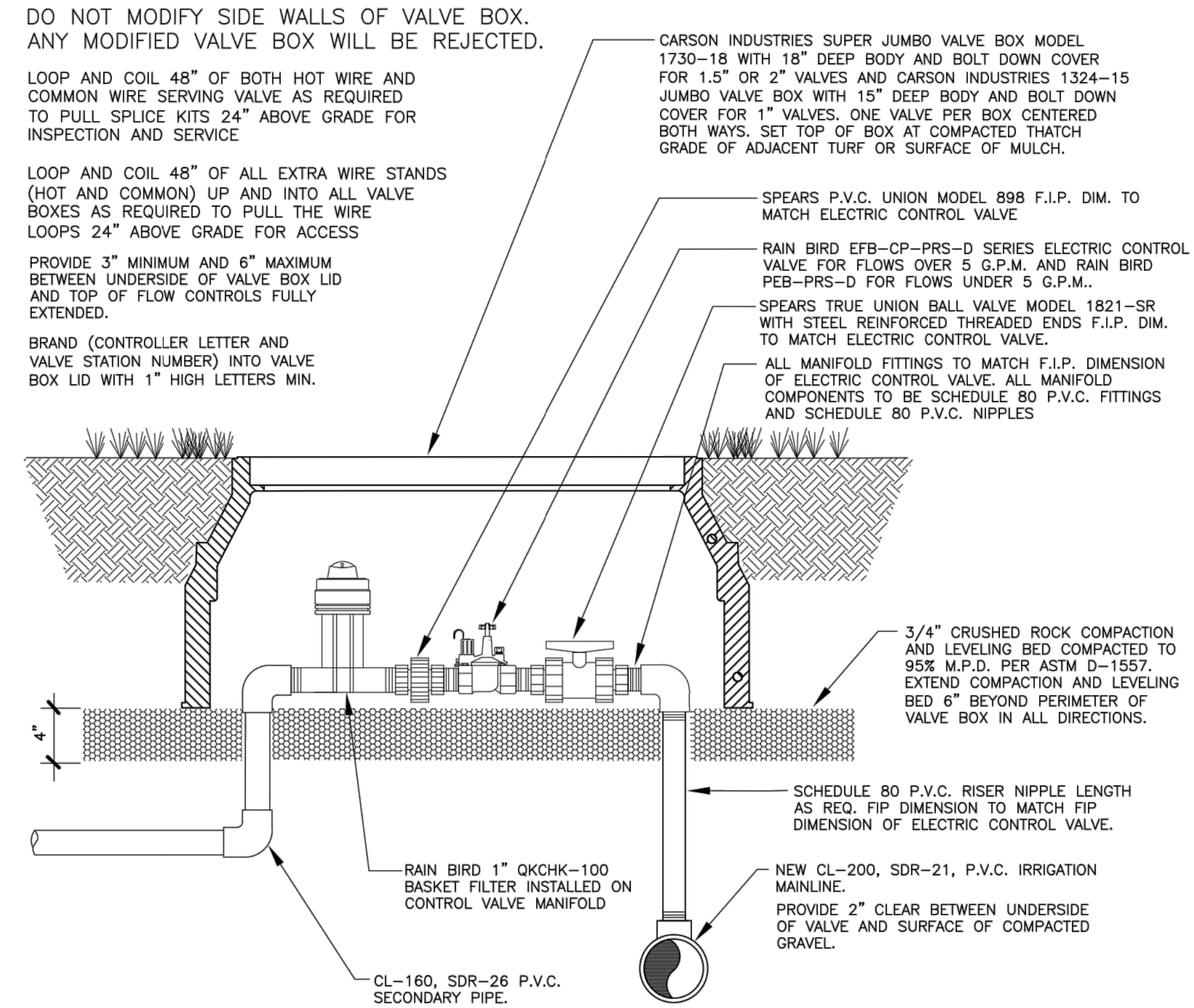
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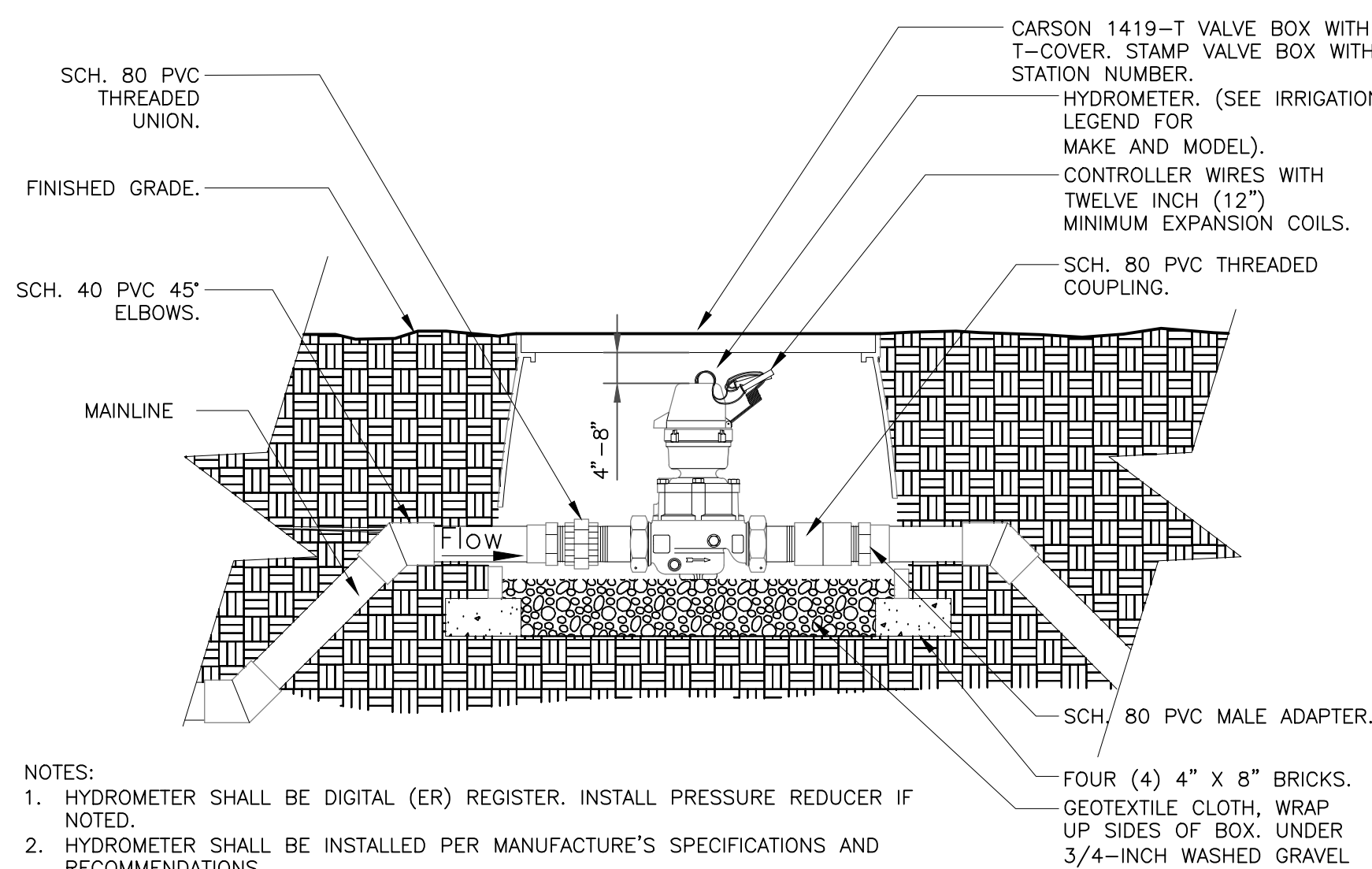




A IRRIGATION SYSTEM POINT OF CONNECTION AND BACK FLOW ASSEMBLY SECTION
IR4 NO SCALE



B ELECTRIC CONTROL VALVE FOR NETAFIM CV DRIFTER LINE ZONES
IR4 NO SCALE



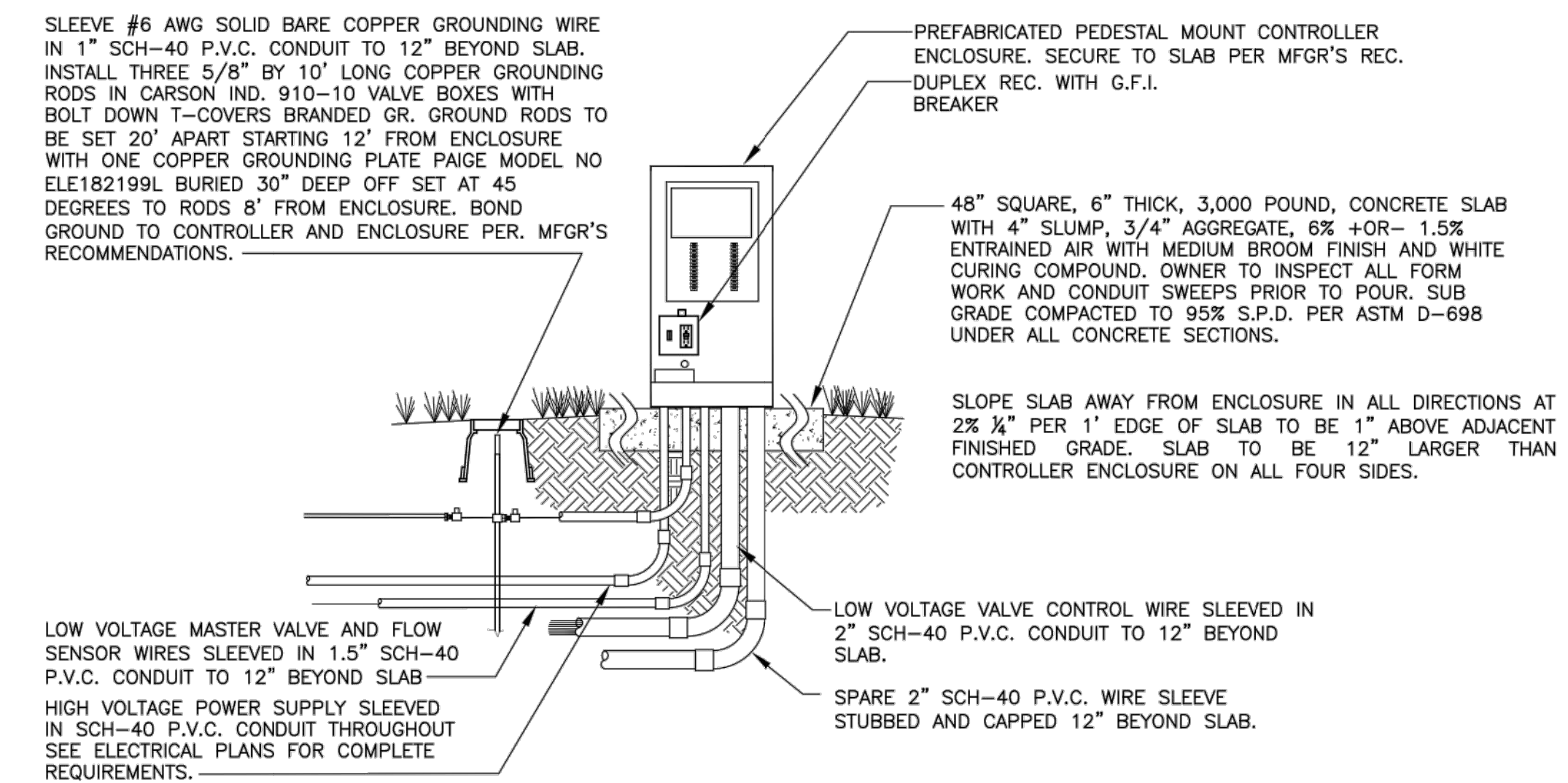
- NOTES:
- HYDROMETER SHALL BE DIGITAL (ER) REGISTER. INSTALL PRESSURE REDUCER IF NOTED.
 - HYDROMETER SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
 - HYDROMETER WIRE SHALL BE PER THE IRRIGATION CONTROLLER MANUFACTURER'S SPECIFICATIONS.
 - ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES. WIRE CONNECTIONS SHALL BE MADE USING DBR-Y/6 OR APPROVED EQUAL.
 - DIRECT WIRE TO CONTROLLER. DO NOT UTILIZE DECODERS.

E HYDROMETER
1 1/2" = 1'-0" FX-IR-FX-AUXEQ-04

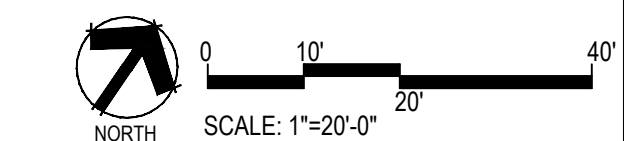
Controller Specification Summary:

CONTROLLER (C) CONTRACTOR TO SUPPLY AND INSTALL ONE NEW TORO SENTINEL SERIES TWELVE (12) STATION CONTROLLER LESS KEY PAD MODEL SBW(X)PS1U OR SBW(X)PS1-WORM

CONTRACTOR TO ARRANGE AND PAY FOR C.P.S. DISTRIBUTORS TO CONDUCT A SITE SURVEY ANTENNA SET UP TO MAXIMIZE SIGNAL QUALITY FOR EACH TORO SENTINEL CONTROLLER INSTALLED. COORDINATE SET UP AS REQUIRED WITH MANUFACTURER'S REPRESENTATIVE. CONTACT BRANDON GULLY AT C.P.S. DISTRIBUTORS AT (303)-961-6959.



D CONTROLLER AND ENCLOSURE ELEVATION
IR4 NO SCALE



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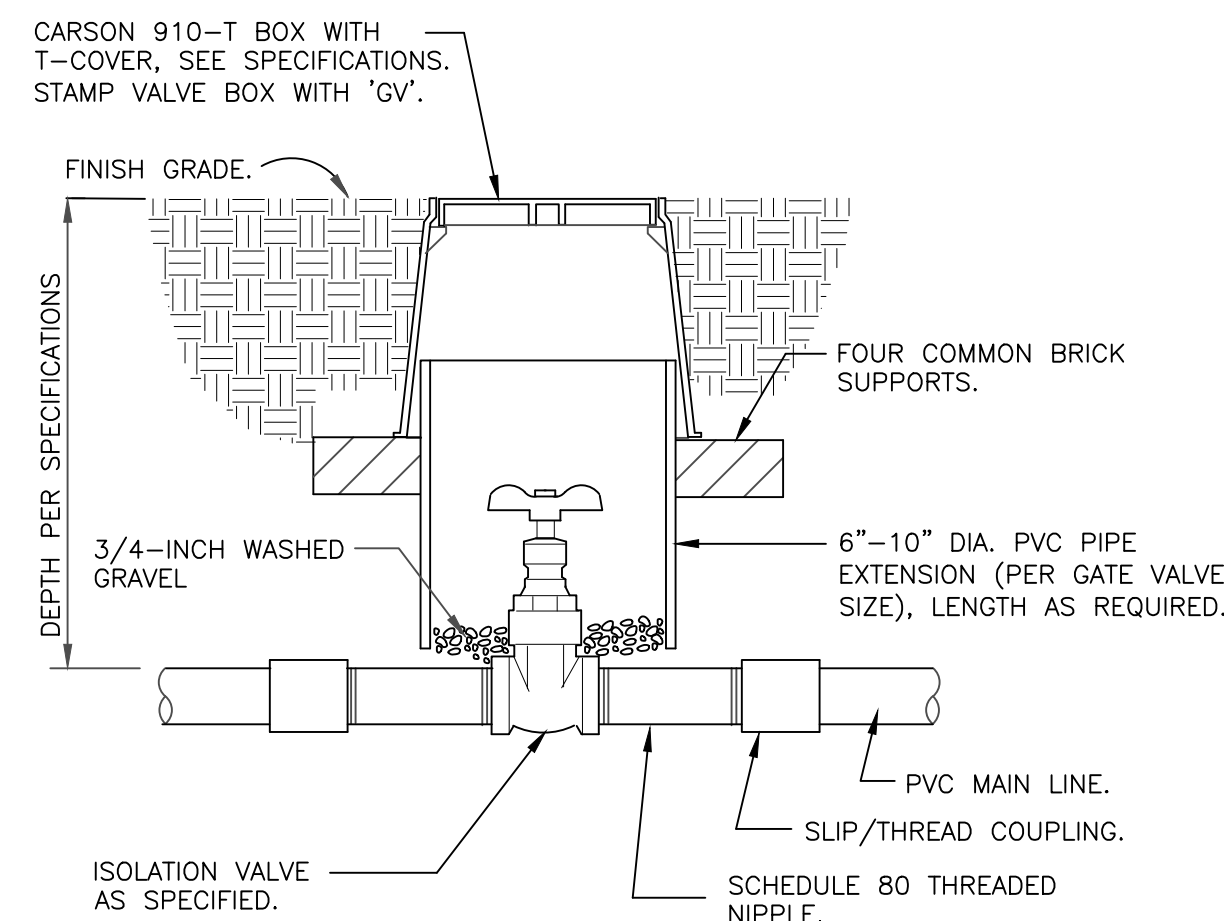
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IR2.1

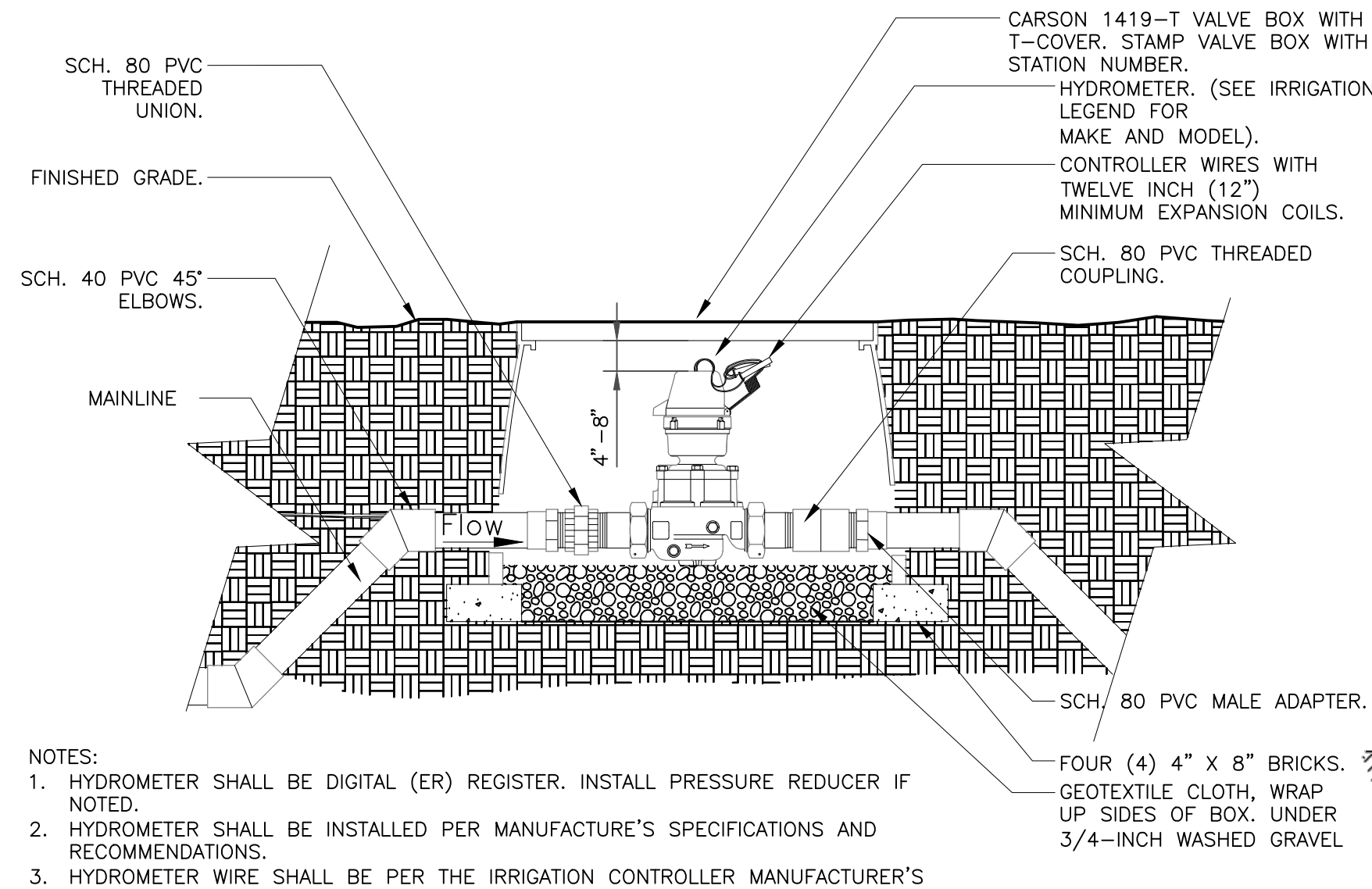


NOTE:
VALVE SHALL HAVE CROSS HANDLE FOR EASE OF MAINTENANCE

ISOLATION GATE VALVE

1 1/2" = 1'-0"

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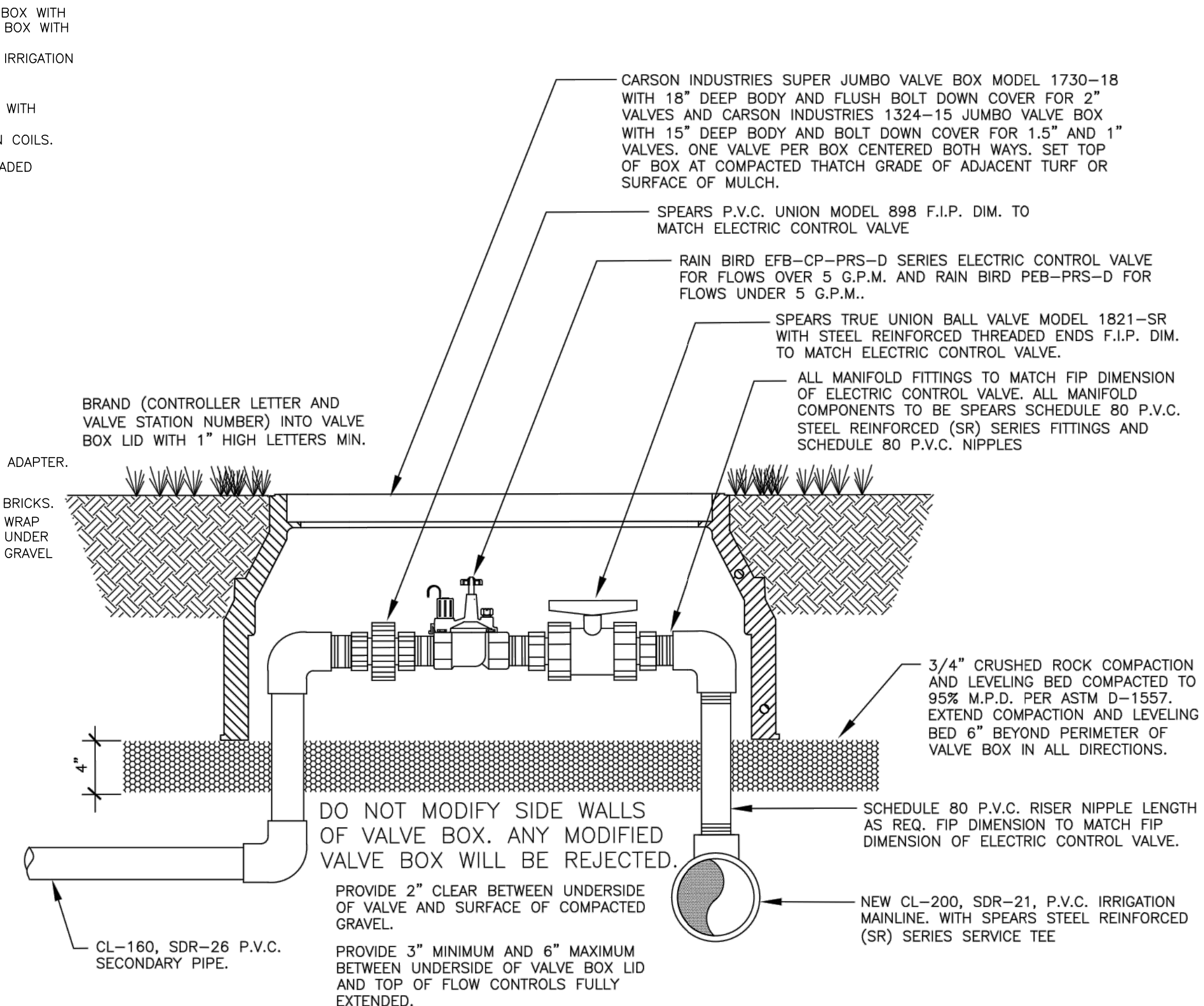


- NOTES:
1. HYDROMETER SHALL BE DIGITAL (ER) REGISTER. INSTALL PRESSURE REDUCER IF NOTED.
 2. HYDROMETER SHALL BE INSTALLED PER MANUFACTURE'S SPECIFICATIONS AND RECOMMENDATIONS.
 3. HYDROMETER WIRE SHALL BE PER THE IRRIGATION CONTROLLER MANUFACTURER'S SPECIFICATIONS.
 4. ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES. WIRE CONNECTIONS SHALL BE MADE USING DBR-Y/6 OR APPROVED EQUAL.
 5. DIRECT WIRE TO CONTROLLER. DO NOT UTILIZE DECODERS.

HYDROMETER

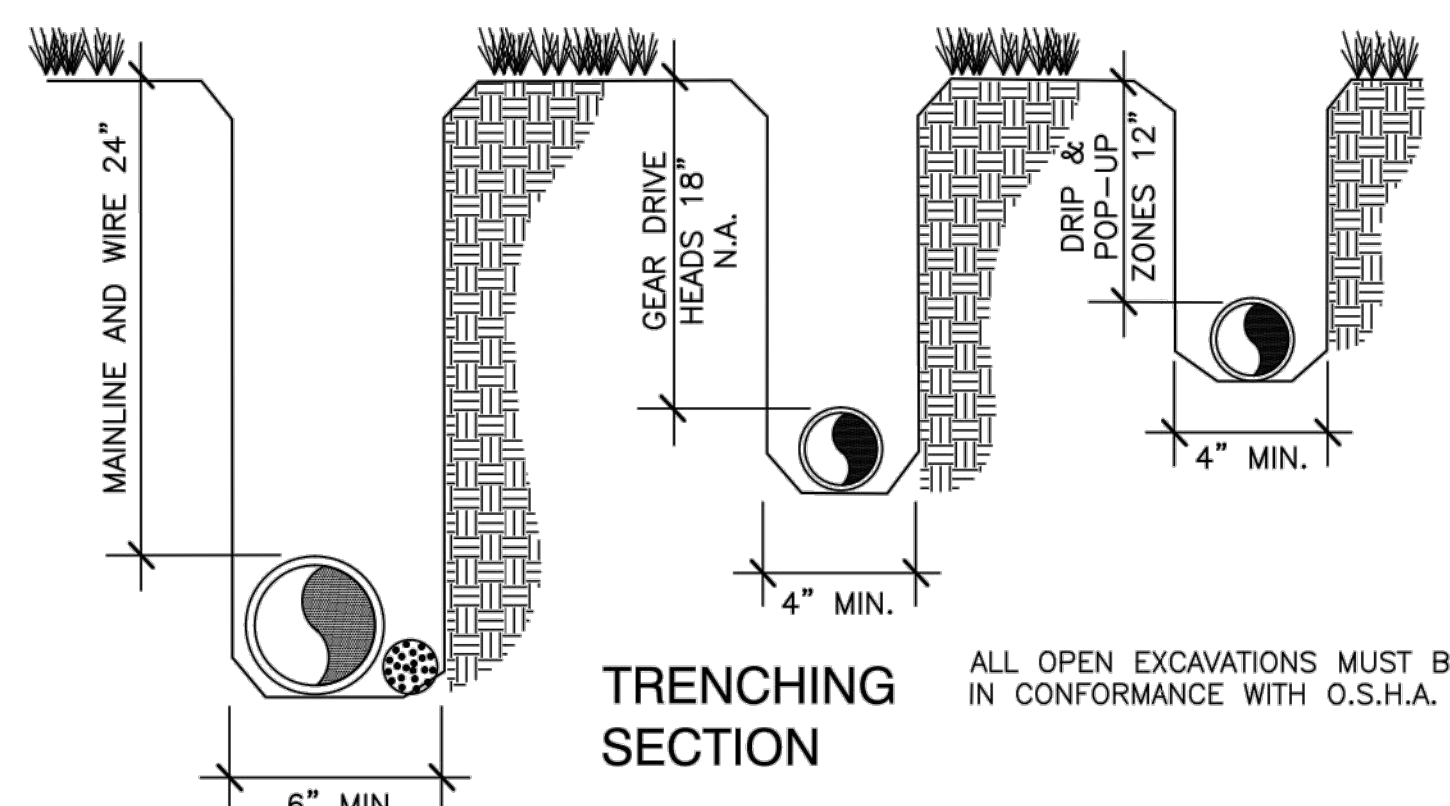
1 1/2" = 1'-0"

FX-IR-FX-AUXEQ-04



B ELECTRIC CONTROL VALVE FOR SPRAY ZONES

1.3 NO SCALE



TRENCHING SECTION

ALL OPEN EXCAVATIONS MUST BE PROTECTED IN CONFORMANCE WITH O.S.H.A. REGULATIONS.

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.

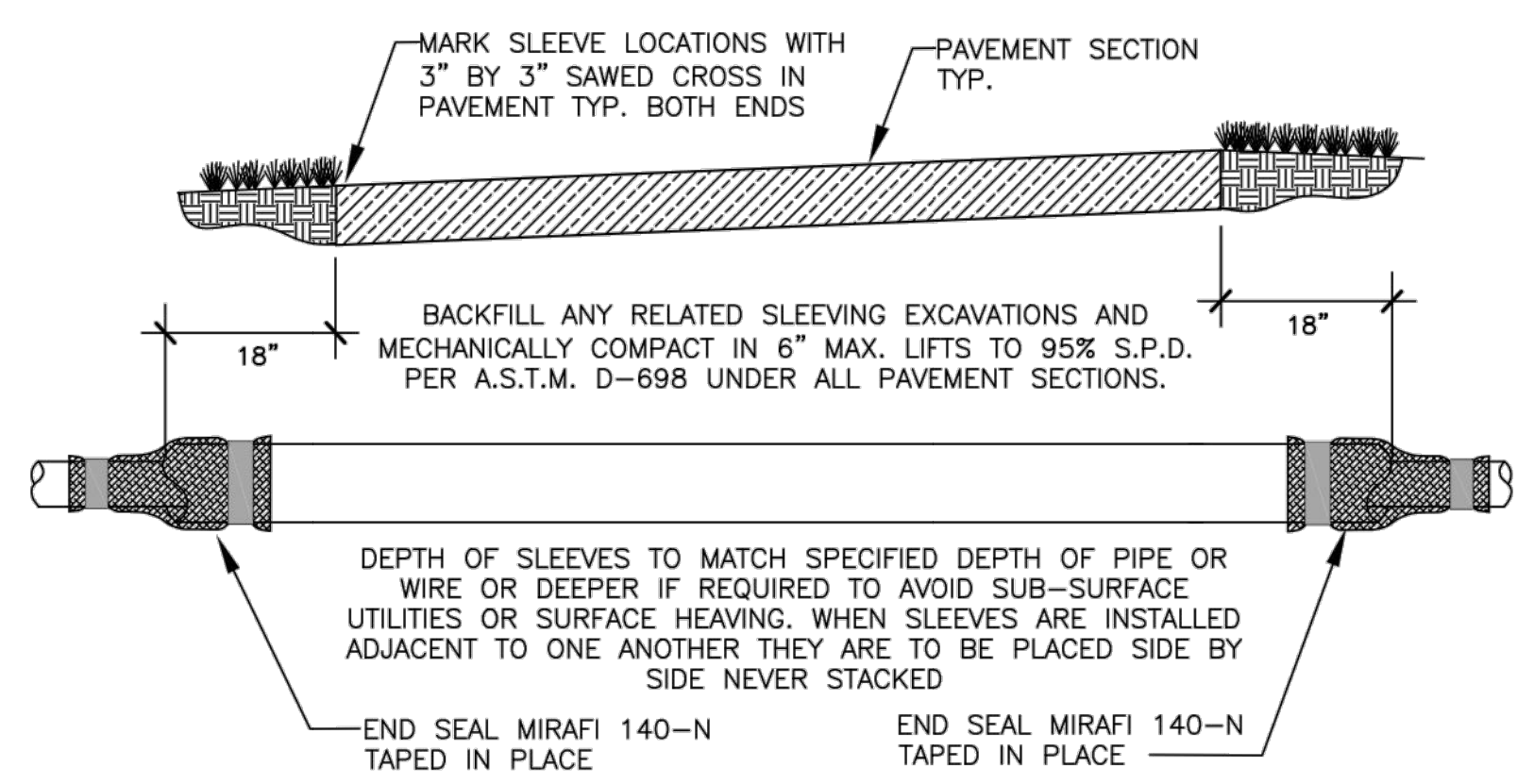
ALL WIRE TRENCHES AND RELATED EXCAVATIONS SHALL BE MECHANICALLY COMPACTED IN 6" LIFTS MAXIMUM. TO 90% S.P.D. PER ASTM D-698 IN ALL LANDSCAPE AREAS.

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 TRENCH CAN BE OPENED UP AT ONE TIME. NO ADDITIONAL SECONDARY OR WIRE TRENCHING WILL BE AUTHORIZED UNTIL THE BACKFILL, COMPACTION AND RESTORATION OF CURRENTLY OPEN TRENCHES AND RELATED EXCAVATIONS IS IN PROGRESS.

C IRRIGATION TRENCHING

1.3 NO SCALE



SLEEVING SHALL BE S.I.D.R.-11.5 H.D.P.E. INSTALLED BY DIRECTIONAL BORING UNDER PIKES PEAK DRIVE AND CL-200 P.V.C. INSTALLED BY DIRECTIONAL BORING UNDER NEW CONCRETE TRAIL. ALL SLEEVES ARE 3".

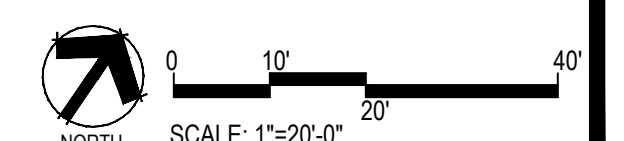
SLEEVING WILL BE MEASURED FROM THE POINT WHERE THE MAINLINE PIPE, SECONDARY PIPE OR WIRE ENTER THE SLEEVE (AT THE SPECIFIED DEPTH) TO THE POINT WHERE THE MAINLINE PIPE, SECONDARY PIPE OR WIRE EXIT THE SLEEVE (AT THE SPECIFIED DEPTH). ANY ADDITIONAL PIPE OR BORING REQUIRED TO ACHIEVE THE SPECIFIED PIPE 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.

D IRRIGATION SLEEVING

1.3 NO SCALE



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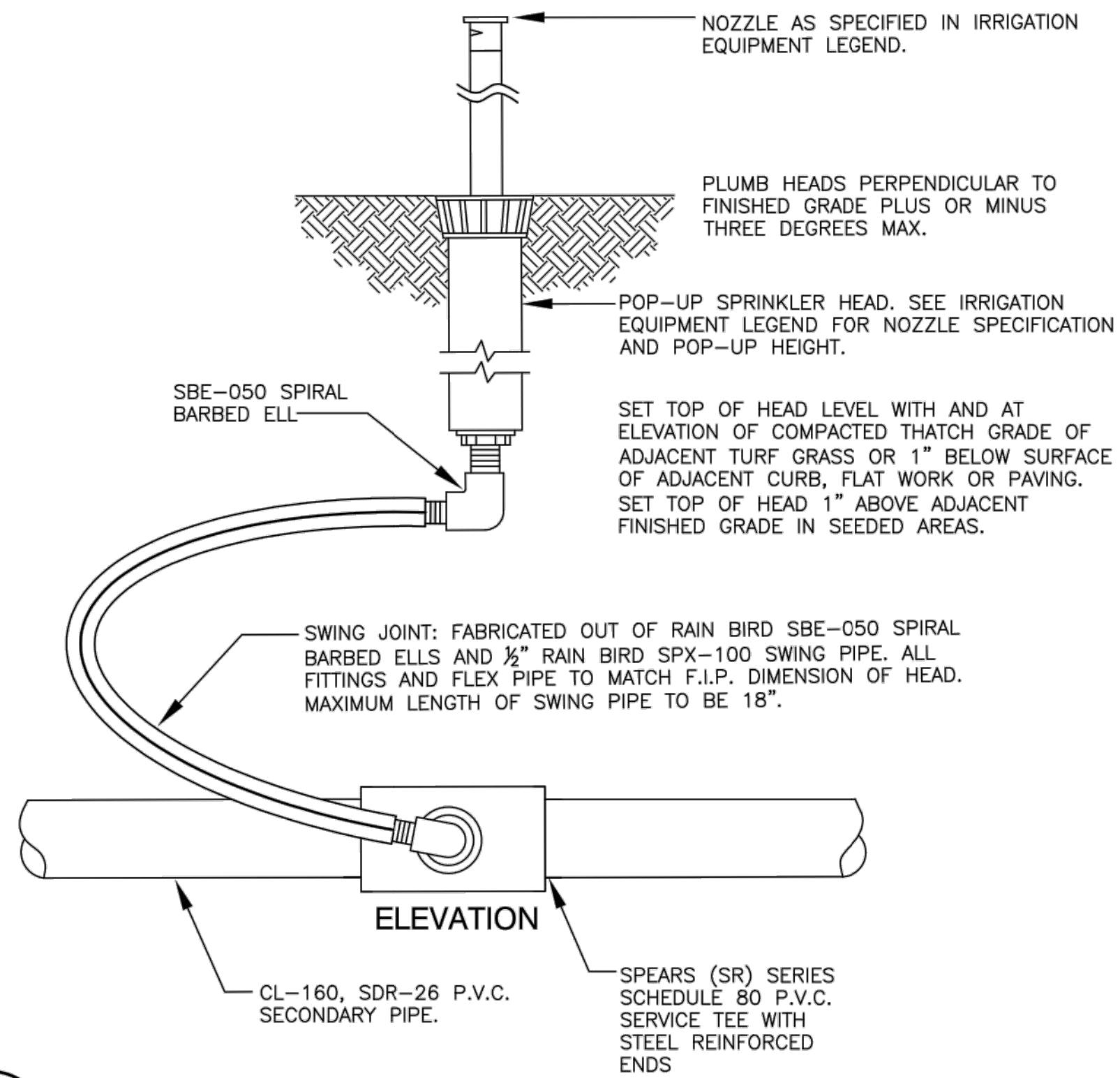
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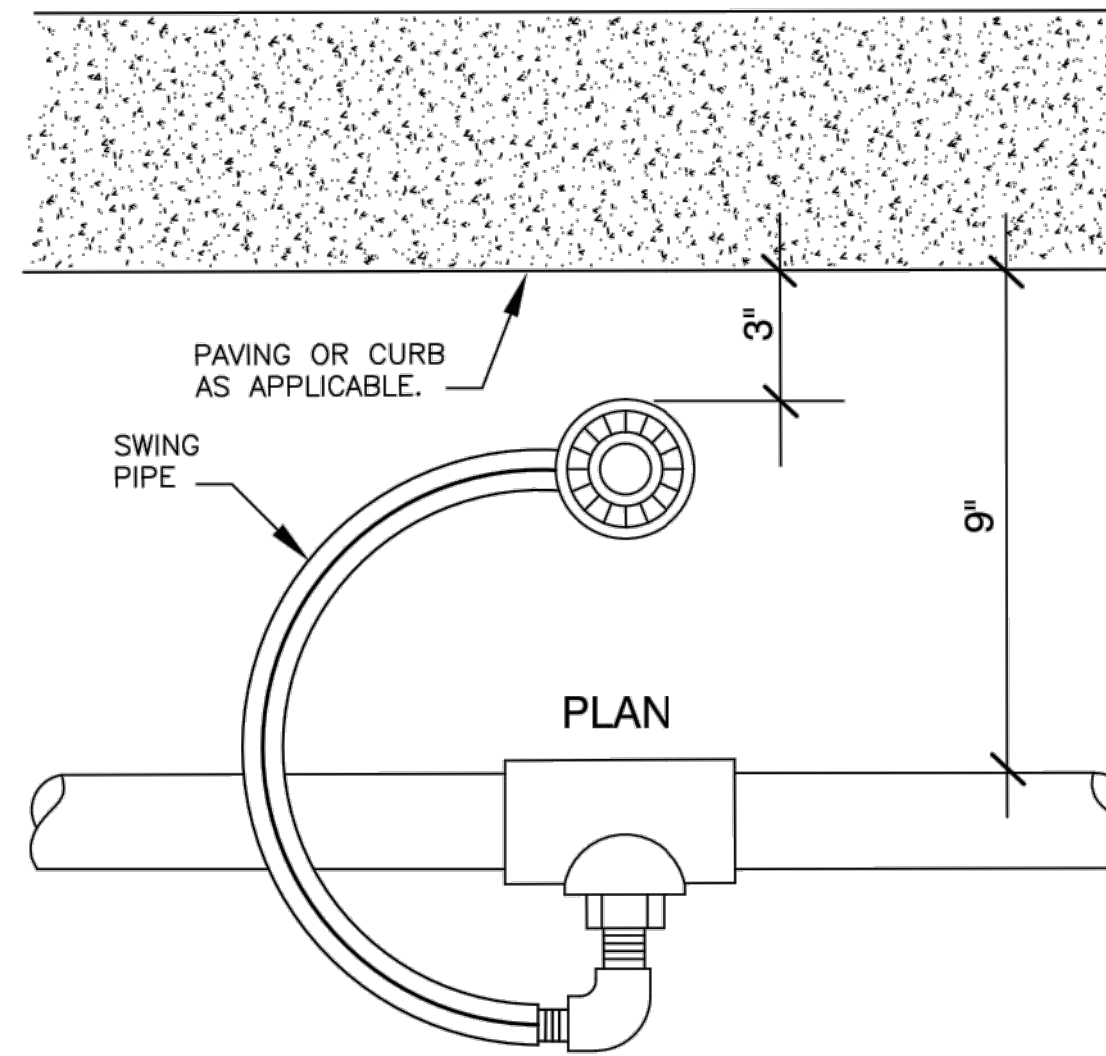
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Checked by: MLP
Submittal Date: 02.27.18
Date: 05.24.18
07.12.19
06.09.2021
811
Call before you dig

Sheet Name
IRRIGATION DETAILS

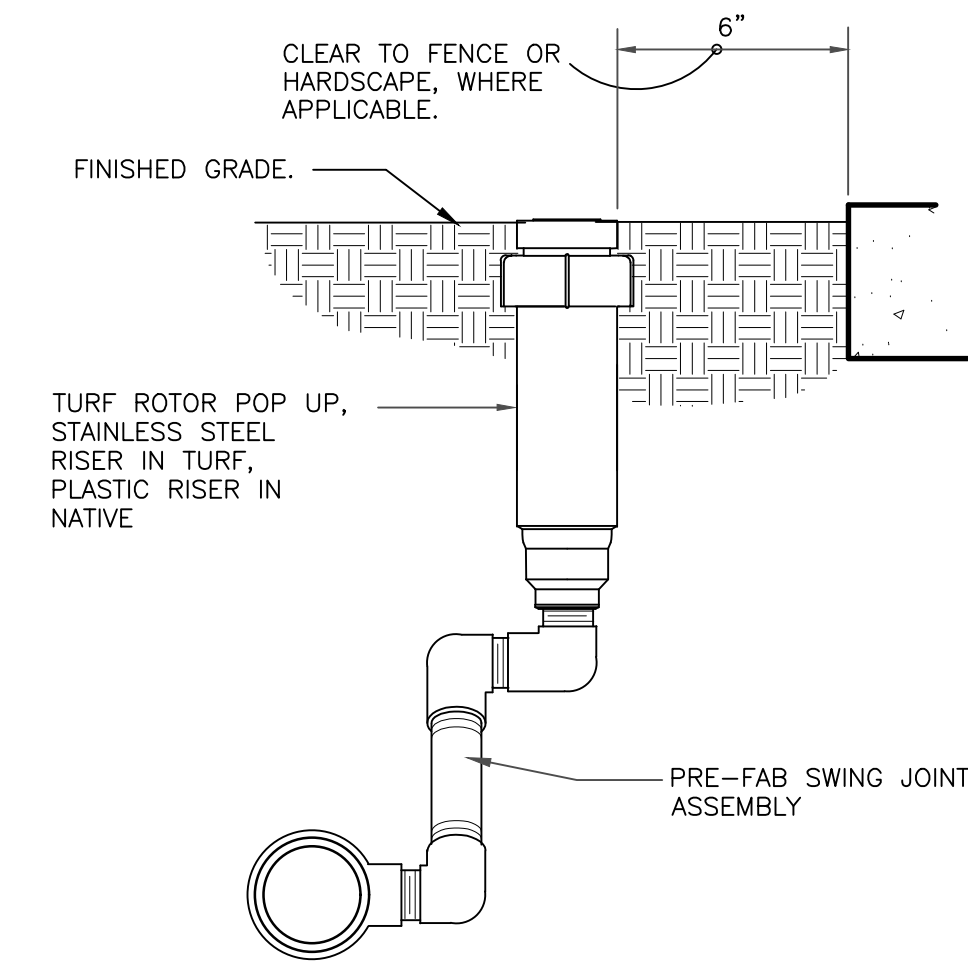
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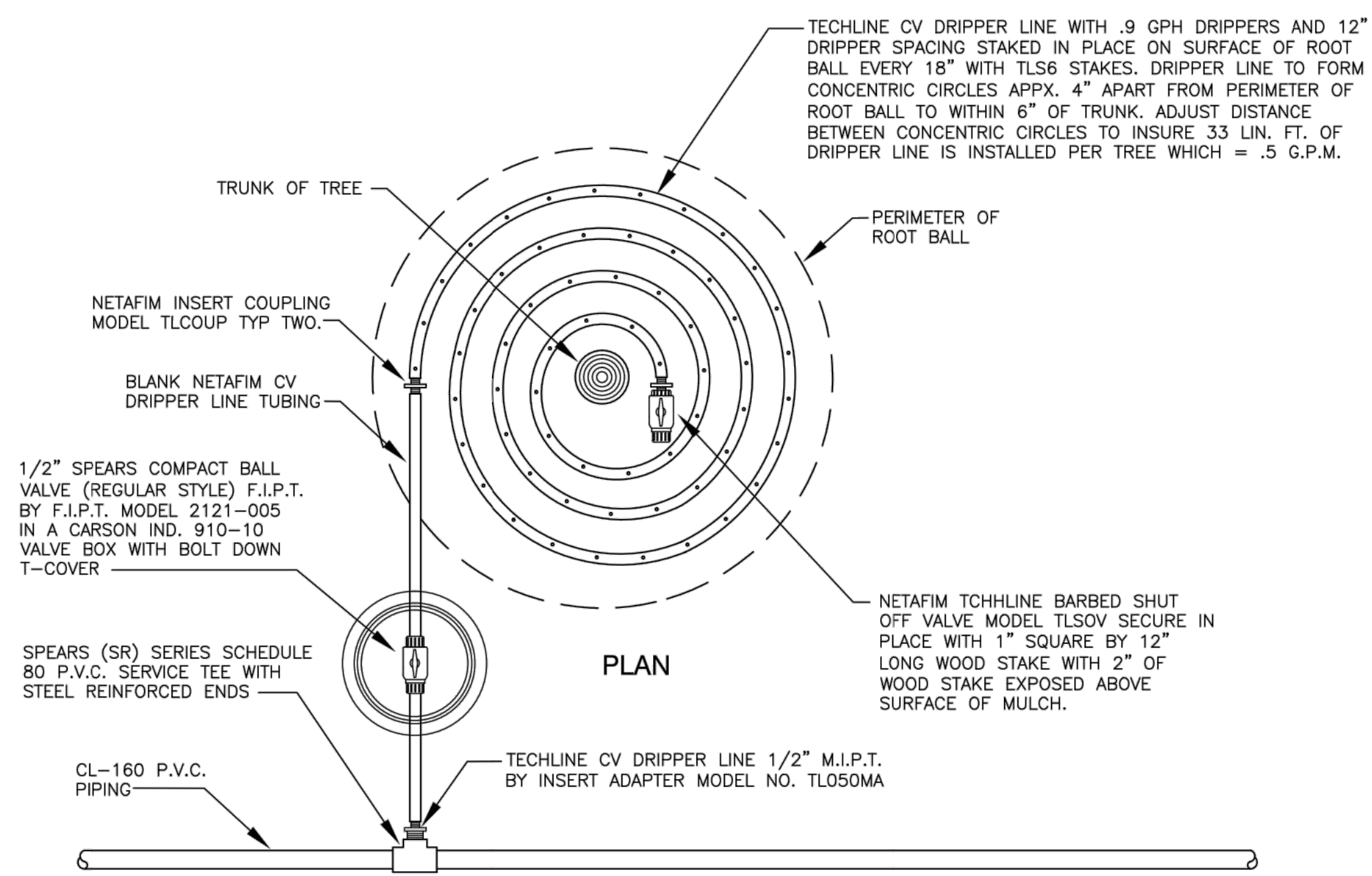
A POP-UP SPRINKLER HEAD
1.4 NO SCALE



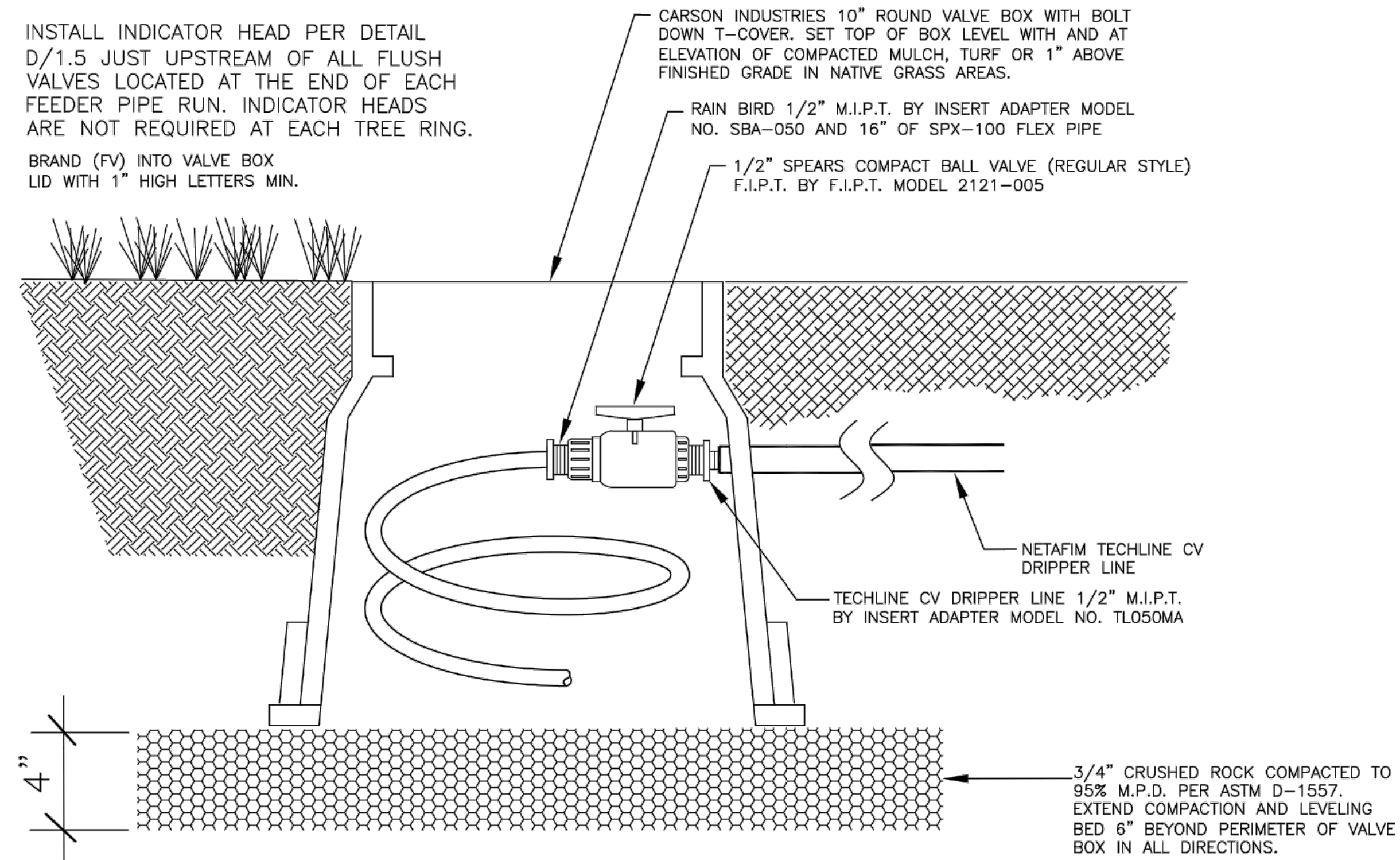
○ GEAR-DRIVEN ROTOR ASSEMBLY
3" = 1'-0"



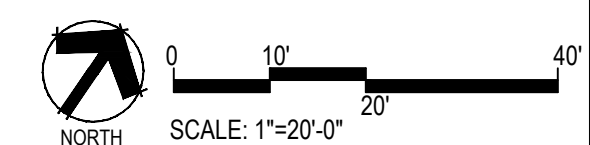
328403.16-01



B CV DRIPPER LINE WITH FLUSH VALVE INSTALLATION FOR TREE IRRIGATION IN NATIVE AND MULCH AREAS
1.4 NO SCALE



C CV DRIPPER LINE AND FLUSH VALVE INSTALLATION FOR SINGLE DRIPPER LINE LOOP
1.4 NO SCALE



Prepared For
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7353 SOUTH ALTON WAY
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ENGLEWOOD, CO 80112
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TRAILS AT CROWFOOT
PARK PLANS
PARKER, COLORADO
IRRIGATION PLANS

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Checked by: MLP
Submittal Date: 02.27.18
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07.12.19
06.09.2021

Sheet Name
IRRIGATION DETAILS

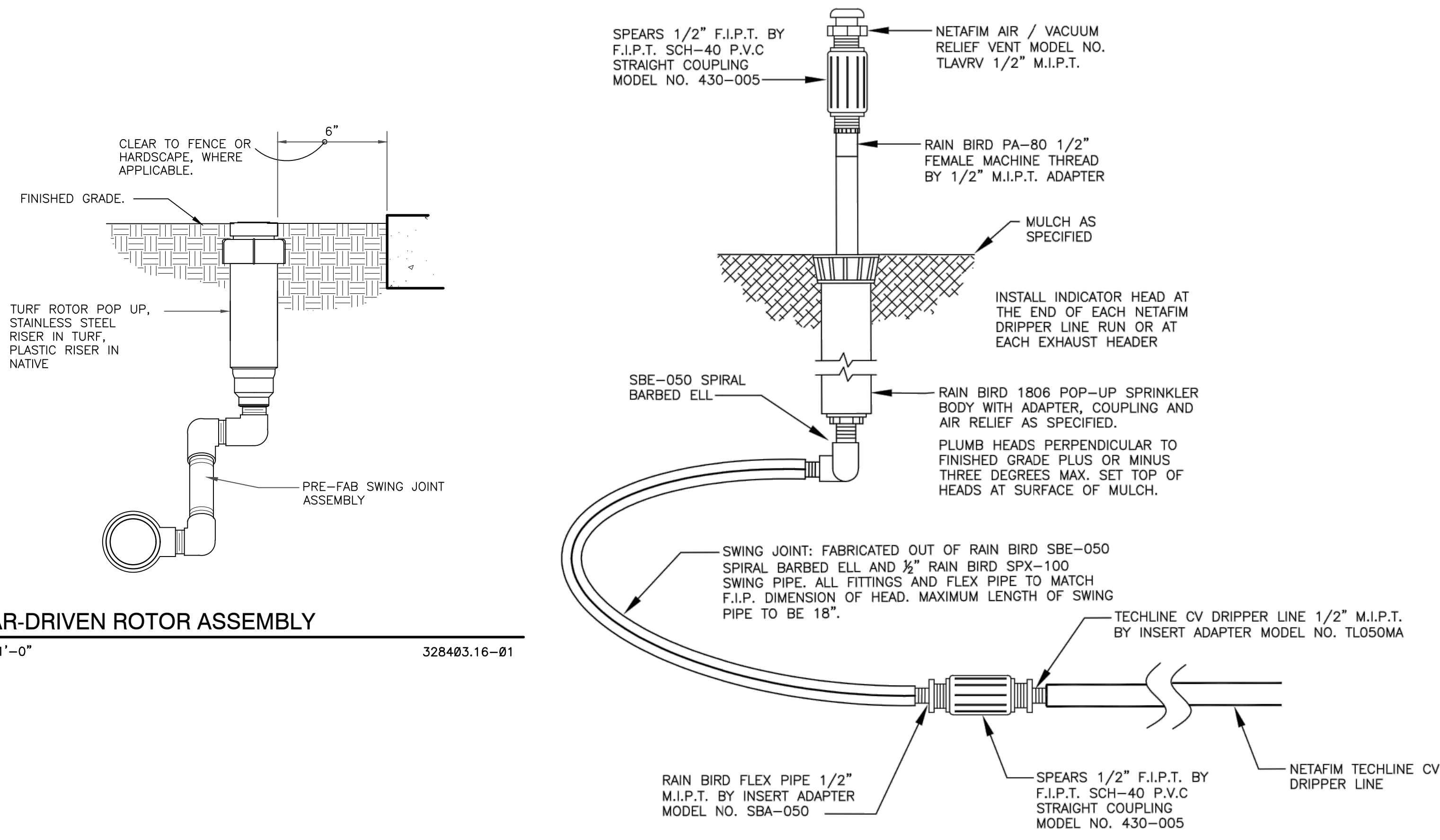
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TRAILS AT CROWFOOT
 PARK PLANS
 PARKER, COLORADO
 IRRIGATION PLANS

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	05.24.18
	07.12.19
	06.09.2021

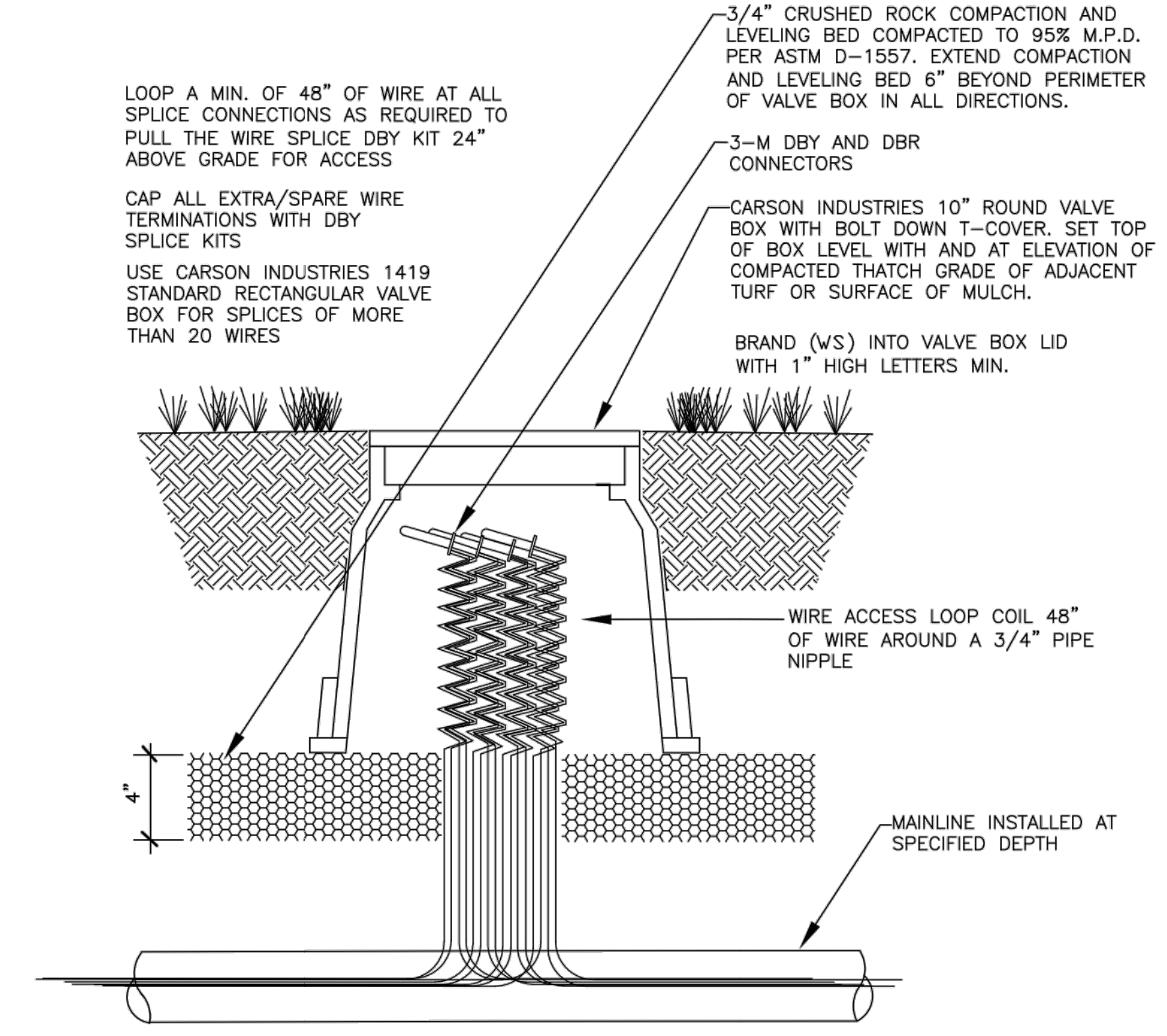
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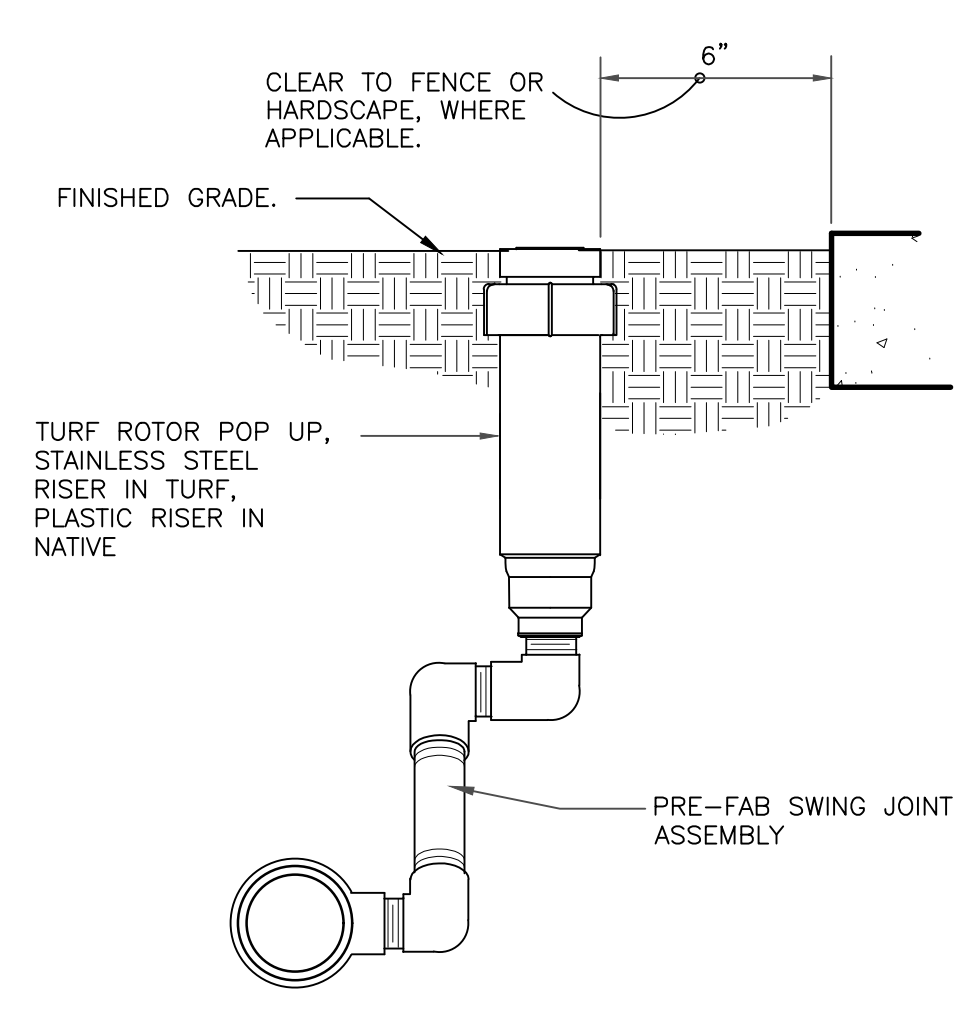


9 GEAR-DRIVEN ROTOR ASSEMBLY
 3" = 1'-0" 328403.16-01

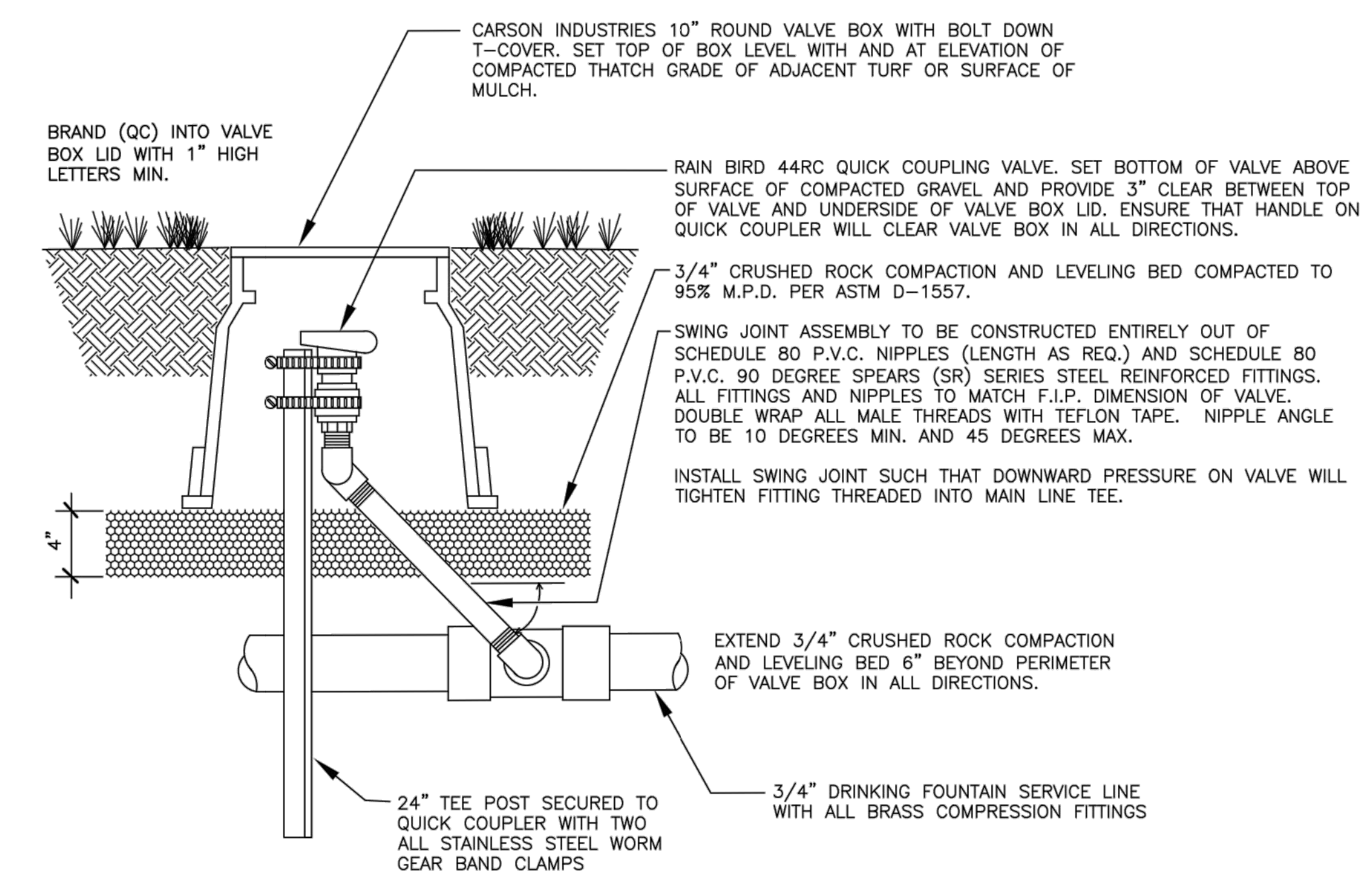
A INDICATOR HEAD FOR NETAFIM CV DRIPPER LINE ZONES
 1.5 NO SCALE



B WIRE SPLICE ACCESS LOOP
 1.5 NO SCALE



10 GEAR-DRIVEN ROTOR ASSEMBLY
 3" = 1'-0" 328403.16-01



C QUICK COUPLER VALVE
 1.5 NO SCALE

