MERIDIAN PARKS AND RECREATION

DISCOVERY PARK PHASE 2

BID SET 9-29-21

CALL BEFORE YOU DIG!
CALL DIGLINE INC.
PRIOR TO COMMENCING
UNDERGROUND WORK
DIAL: **811**

NOTE:
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN APPROXIMATELY ONLY PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL UTILITY COMPANIES OF THE CONSTRUCTION SCHEDULE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MAY OCCUR BY FAILURE TO EXACTLY LOCATE AND PROTECT ALL UTILITIES.

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SHEET INDEX: Note that not all sheets are included in William's Pipeline Agreement

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ABBREVIATIONS:

BM	BENCH MARK
CF	CUBIC FOOT
CONT	CONTINUOUS
CY	CUBIC YARD
DEMO	DEMOLITION
DET	DETAIL
DI	DUCTILE IRON
DIA	DIAMETER
E	EXISTING
EA	EACH
EXIST	EXISTING
EL	ELEVATION
EX	EXISTING
GAL	GALLON
HP	HIGH POINT
IN	INCH
ISPWC	IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
PVC	POLYVINYL CHLORIDE
R	RADIUS
SCH	SCHEDULE
SEC	SECTION
SQ	SQUARE
STD	STANDARD
STA	STATION
SY	SQUARE YARD
TYP	TYPICAL
W/	WIDTH
W/O	WITHOUT

GENERAL NOTES:

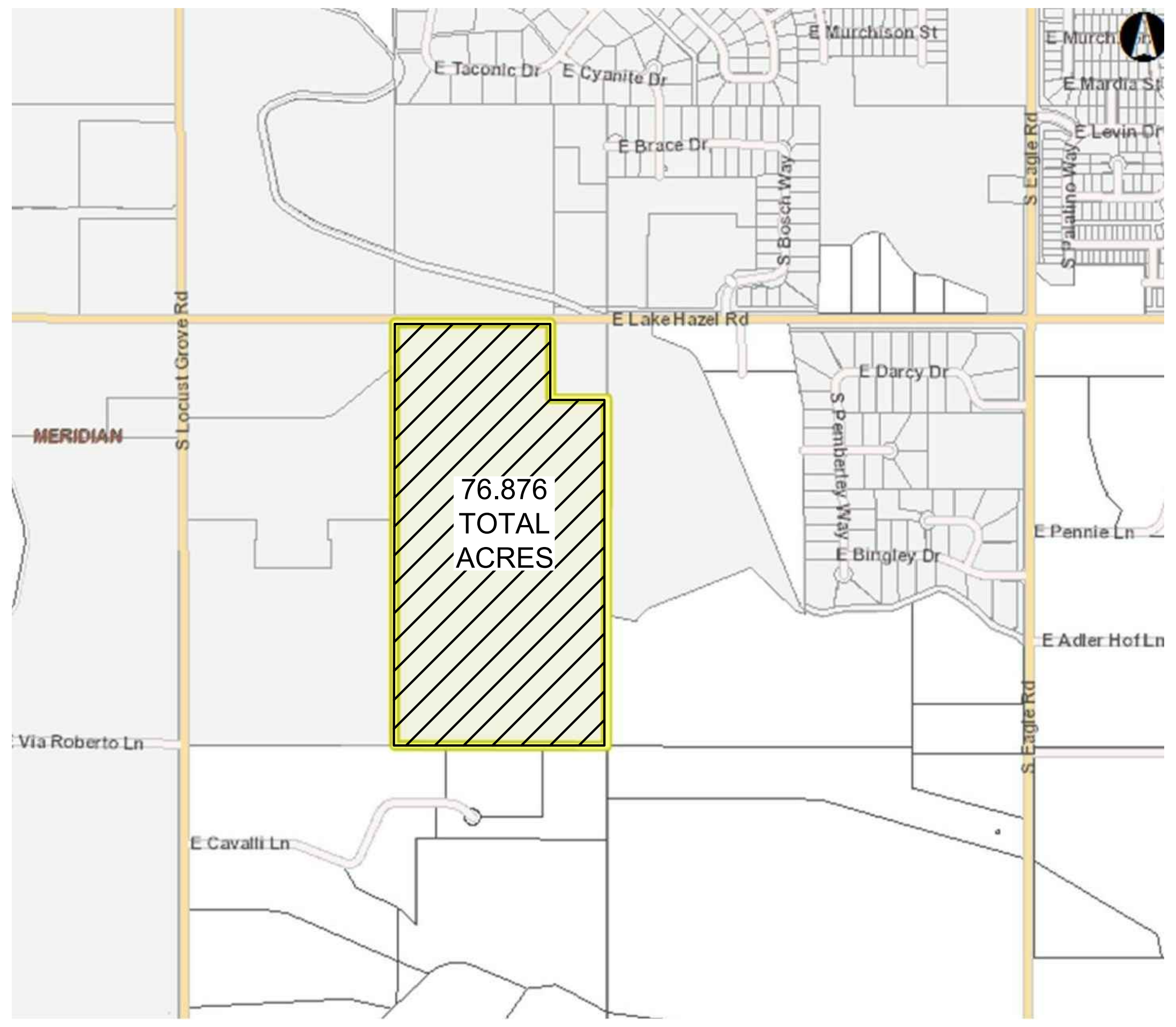
1. ALL CONSTRUCTION SHALL COMPLY WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) MOST RECENT EDITION AT TIME OF BID.
2. CONTRACTOR IS REQUIRED TO VERIFY ANY EXISTING OVERHEAD AND UNDERGROUND UTILITY LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CALL THE IDAHO DIGLINE (811 OR 800-342-1585) AND IF REQUIRED, CONTRACT WITH A PRIVATE UTILITY LOCATING FIRM AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. UTILITY LOCATES SHALL BE INCLUDED IN THE LUMP SUM PRICE.
3. TRAFFIC CONTROL SHALL BE PERFORMED BY CONTRACTOR.
4. CONTRACTOR SHALL PROVIDE ALL TEMPORARY ELECTRICAL POWER REQUIRED TO INSTALL THE WORK.
5. CONTRACTOR IS RESPONSIBLE FOR A THOROUGH CLEAN-UP OF THE PROJECT SITE DAILY AND PROJECT CLOSE-OUT.
6. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS FROM DAMAGE.
7. PROCEEDING ANY DIMENSIONAL DEVIATION FROM THAT SHOWN WHICH MAY AFFECT INTENT OR DESIGN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING.
8. DRAWINGS AND SITE CONDITIONS. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY IF PROCEEDING W/O OWNER RESOLUTION OR DIRECTION.
9. PRESERVE AND PROTECT ALL UTILITIES WHICH MAY BE PRESENT AND NOT DESIGNATED TO BE REMOVED OR MODIFIED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR STORM WATER PREVENTION POLLUTION PLAN (SWPPP) AND ANY PERMITS REQUIRED BY THE ENVIRONMENTAL PROTECTION AGENCY AND THE CITY OF NAMPA.
11. CURB DIMENSIONS SHOWN ARE BACK OF CURB.

CZC NOTES:

VEHICLE PARKING
EXISTING PARKING: 145 TOTAL SPACES, 8 OF WHICH ARE HANDICAP
PROPOSED PARKING: 504 TOTAL SPACES, 16 OF WHICH ARE HANDICAP
BICYCLE PARKING
PROPOSED: 8 RACKS FOR 16 TOTAL SPACES
BUILDINGS
EXISTING: RESTROOM MAINTENANCE, AND SHELTERS
PROPOSED: RESTROOM (SEE ARCHITECTURAL DRAWINGS) AND SHELTEERS.
PROPERTY
PARCEL S1405212410, 76.876 ACRES

VICINITY MAP:

NOT TO SCALE



Issue Description	Date
CZC	6-23-21
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DISCOVERY PARK PHASE 2
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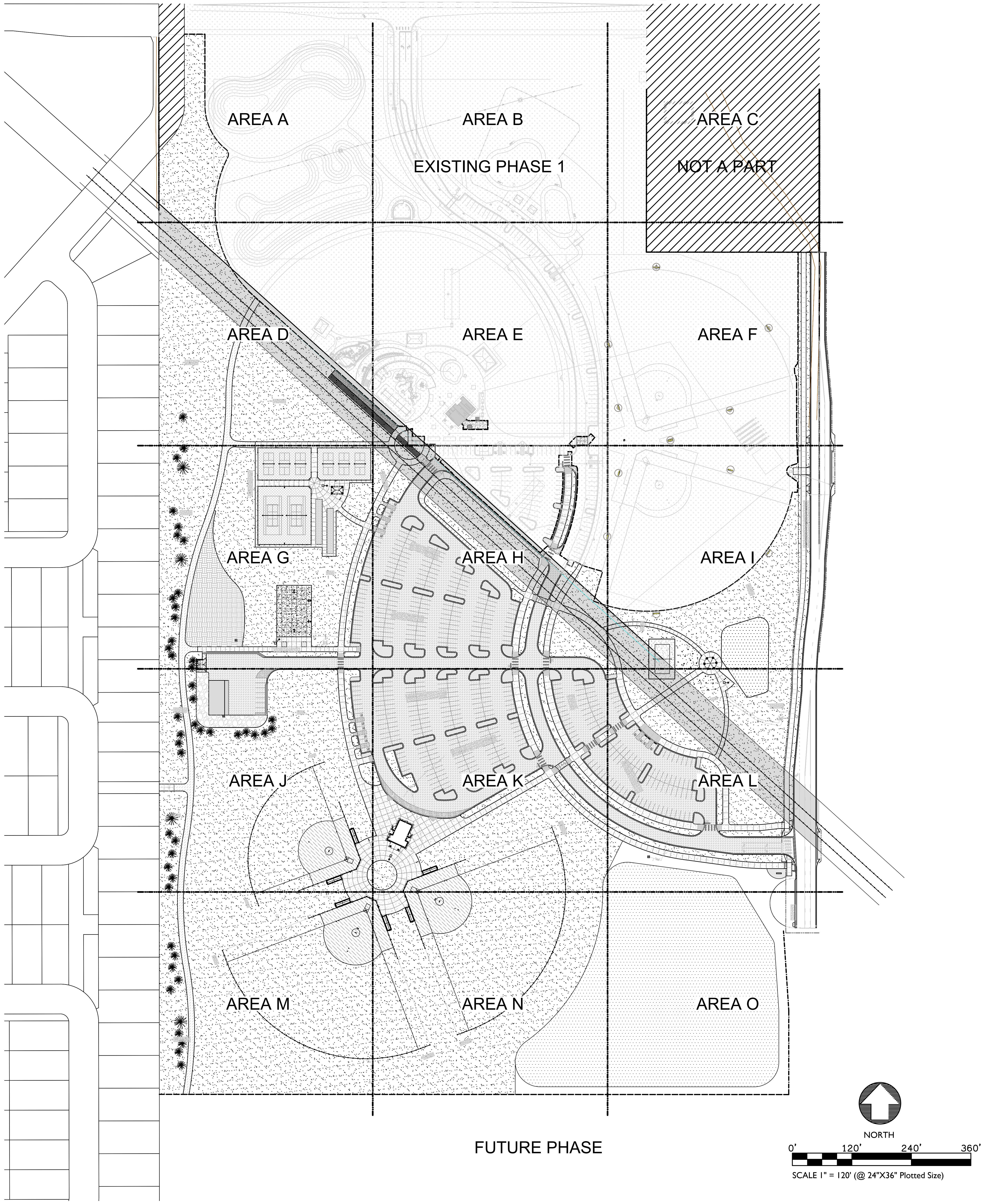
COVER SHEET

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN
Sheet Title
COVER SHEET

Sheet Number
L0.0
Of Sheets



CALLOUT LEGEND

SYM	DESCRIPTION
AA	ACCESSIBLE AISLE 4" WIDE STRIPS 24" O.C. AT 45d ANGLE. PAINT PER ISPWC SPEC 1104
AH	ASPHALT PAVEMENT - ONSITE ASPHALT PAVEMENT. SEE CIVIL DETAIL 3, SHEET C.DT.3
AL	ASPHALT PAVEMENT - PATHWAY. SEE CIVIL ASPHALT PATHWAY DETAIL 5, SHEET C.DT.1.
AM	ACCESSIBLE PAVEMENT MARKINGS PAINT PER ISPWC SPEC 1104. SYMBOL PER ACHD DETAIL TS1113 AND ADA REQUIREMENTS. ADD WORD "VAN TO SPACES INDICATED ON PLAN.
BB	BASKETBALL COURT CONCRETE PAVEMENT WITH NARROW SAW CUT JOINTS. SEE CIVIL DETAIL 2, SHEET C.DT.1. FOUR (4) BISON ADJUSTABLE UNITS MODEL PR94UZC REQUIRED. SEE DETAIL 1, SHEET L1.16
BC	BOCCE COURT 13'x91', DECOMPOSED GRANITE ON AGGREGATE BASE WITH 2"X6" COMPOSITE BUMPERS. TWO (2) REQUIRED. SEE DETAIL 2, SHEET L1.16
BL	STEEL BOLLARD SEE DETAIL 1, SHEET L1.21. TWO COATS OF BLACK SEMI-GLOSS PAINT.
BP	BIKE PARK DESIGN BUILD
BR	BIKE RACK NERO BIKE HITCH. PROVIDED AND INSTALLED BY OWNER. SEE DETAIL 3, SHEET L1.16.
CC	CONCRETE CURB AND GUTTER SEE CIVIL PLANS FOR TYPE. REFER TO SHEET C.DT.0 FOR DETAILS.
CH	CONCRETE PAVEMENT - ONSITE RIGID CONCRETE SEE CIVIL DETAIL 2, SHEET C.DT.3
CL	CONCRETE PAVEMENT - ONSITE CONCRETE SIDEWALK SEE CIVIL DETAIL 6, SHEET C.DT.3
CW	CROSSWALK 24" WIDE THERMOPLASTIC. CENTER ON PEDESTRIAN RAMPS. MARKING WIDTH TO MATCH RAMP WIDTH SHOWN. NUMBER PER PLAN. INSTALL PER ISPWC SPEC 1104
DF	DRINKING FOUNTAIN ROUGH-IN BY CONTRACTOR - SEE DETAIL 3, SHEET C.UT.5. OWNER TO FURNISH AND INSTALL.
DS	40 YARD DASH ARTIFICIAL TURF ON AGGREGATE BASE WITH 18" VERTICAL CURB SIDES. 40 YARD DASH KIT SUPPLIED AND INSTALLED BY THE GAMETIME COMPANY (800.235.2440). CONTRACTOR SHALL INSTALL CURBS, NAILER, AND AGGREGATE PER DETAIL 6, SHEET L1.16 AND DETAIL 6, SHEET C.DT.1
FB	30' TALL CHAIN LINK BACKSTOP MATCH EXISTING. SEE DETAILS SHEET L1.18. SEE FENCING SPECIFICATION 323113
FC	4' TALL CHAIN LINK FENCE SMALL SOFTBALL FIELD OUTFIELD FENCE AND PICKLEBALL. PICKLEBALL TO BE POLYMER COATED. SEE DETAIL 3, SHEET L1.19. SEE SPECIFICATION 323113. INSTALL FENCE CAP ON OUTFIELD FENCE PER 321824 SPEC.
FE	6' TALL CHAIN LINK FENCE LARGE SOFTBALL FIELDS OUTFIELD FENCE. INSTALL 4' WIDE GATE IN CENTER. SEE DETAIL 2, SHEET L1.19. SEE SPECIFICATION 323113. SEE 321824 FOR FENCE CAP INFORMATION.
FF	8' TALL CHAIN LINK FENCE FIRST AND THIRD BASELINE, AND BACK OF DUGOUT. SEE DETAIL 2, SHEET L1.19. SEE FENCING SPECIFICATION 323113.
FG	10' TALL CHAIN LINK FENCE TENNIS AND FRONT OF DUGOUT. SEE DETAIL 2, SHEET L1.19 AND DETAILS SHEET L1.18. SEE FENCING SPECIFICATION 323113. TENNIS TO BE POLYMER COATED.
FL	LIGHT FIXTURE SEE ELECTRICAL SITE PLAN.
FP	FOUL POLE SEE SPECIFICATION 321824
GP	GRASS PAVERS SEE CIVIL DETAIL 5, SHEET C.DT.9. TOPSOIL INFILL PER SPECIFICATION 329115.
GV	GRAVEL SURFACE ADD 3/4" MINUS GRAVEL TO EXISTING AND GRADE SMOOTH
HP	HAMMOCK POSTS HAMMOCK POSTS TO BE 5" DIA GALVANIZED STEEL POST IN CONCRETE FOOTING. RANDOM PLACEMENT OF 7', 10', AND 13'. 18 TOTAL POSTS. (9) DIFFERENT CAP COLORS RANDOMLY PLACED. INSTALL 24" DIA CONCRETE MOW STRIP AROUND EACH POST. SEE DETAIL 4, SHEET L1.16
NP	NO PARKING STRIPING AND LETTERS 4" WIDE STRIPS 24" O.C. AT 45d ANGLE. PAINT PER ISPWC SPEC 1104. PLACE 12" MINIMUM HEIGHT "NO PARKING" LETTERS WHERE SHOWN.
NS	NO PARKING ANY TIME SIGN R7-1 "NO PARKING ANY TIME" SIGN. MOUNT BOTTOM OF SIGN MINIMUM 80" HIGH. INSTALL TYPE E-1 STEEL POST PER ISPWC DETAIL SD-1130.
PB	PICKLEBALL COURTS ASPHALT PAVEMENT INSTALLED, SAW CUT, AND BORDERED BY CONCRETE PAVEMENT. SEE CIVIL DETAIL 3, SHEET C.DT.1. COLOR COAT. BISON PICKLEBALL SYSTEM MODEL PK05XL. 4 FOOT HIGH CHAIN LINK FENCE WITH BLACK POLYMER COATING. SEE DETAILS SHEET L1.17. SEE SPECIFICATIONS 321823 AND 321824.
PR	PEDESTRIAN RAMP INSTALL WITH RAMP CURBS (TYPE 1) OR WINGS (TYPE 2) AS SHOWN ON PLANS. INSTALL 24" WIDE YELLOW DETECTABLE WARNING STRIPS ENTIRE WIDTH OF RAMP. INSTALL TYPE 2 PER ISPWC DETAIL SD-712. INSTALL TYPE 1 PER DETAIL 2, SHEET L1.21. SLOPES SHALL NOT EXCEED 12:1.
PS	PARKING STRIPING 4" WIDE WHITE PAINT PER ISPWC SPEC 1104
RR	RESTROOM (COMFORT STATION) SEE ARCHITECTURE.
SA	SHELTER TYPE 'A' SHELTER SHALL BE STEELWORX 16'X24' RECTANGULAR OPEN GABLE. MODEL HP-1624-SW. ROOF COLOR: PREWEATHERED GAVALUME. FRAME COLOR: TBD. SEE DETAIL 1, SHEET L1.20. MASONRY COLUMN WRAPS PER ARCHITECTURE DRAWINGS. SEE SHADE SHELTER SPEC.
SB	SHELTER TYPE 'B' DUGOUTS SHALL BE COVERED WITH SHADE CLOTH. MATCH PHASE ONE DESIGN AND MATERIALS. SEE SHADE SHELTER SPECIFICATION
SC	SHELTER TYPE 'C' SHELTER SHALL BE STEELWORX 28' HEXAGONAL. MODEL HX-28-SW. ROOF COLOR: ASH GRAY. FRAME COLOR: TBD. SEE DETAIL 2, SHEET L1.20. SEE SHADE SHELTER SPEC.
SD	ACCESSIBLE PARKING SIGN LOCATE 12" BEHIND CURB WITH WHEEL STOPS OR 36" WITHOUT AS SHOWN ON PLAN. 12"X18" "RESERVED PARKING" SIGN WITH INTERNATIONAL ACCESSIBLE SYMBOL. BLUE AND WHITE. MOUNT BOTTOM OF SIGN MINIMUM 60" HIGH. INSTALL TYPE E-1 STEEL POST PER ISPWC DETAIL SD-1130.
SE	ACCESSIBLE VAN SIGN SAME AS ACCESSIBLE SIGN BUT WITH ADDED "VAN" SIGN BELOW.
SI	SOFTBALL INFIELD SEE DETAIL 3, SHEET L1.18. SEE SPECIFICATION 329115 FOR INFIELD MIX.
SP	SKATE PARK DESIGN BUILD
SS	STOP BAR AND LETTERS 24" WIDE THERMOPLASTIC. LENGTH TO MATCH WIDTH OF LANE. INSTALL PER ISPWC SPEC 1104. PAINTED LETTERS (22 SF) PER ACHD DETAIL TS 1113 AND ISPWC SPEC 1104. LOCATE 12" FROM STOP BAR.
ST	STOP SIGN 30"X30" MUTCD R1-1 SIGN. MOUNT BOTTOM OF SIGN MINIMUM 80" HIGH. INSTALL TYPE E-1 STEEL POST PER ISPWC DETAIL SD-1130.
SV	SAND VOLLEYBALL 18" CONCRETE VERTICAL CURB PER CIVIL. INSTALL SAND AND BISON SVB5050A NET SYSTEM. SEE DETAIL 5, SHEET L1.16.
SW	CROSSWALK SIGN MUTCD S1-1 SIGN WITH W16-7P ARROW BELOW. MOUNT BOTTOM OF SIGN MINIMUM 80" HIGH. INSTALL TYPE E-1 STEEL POST PER ISPWC DETAIL SD-1130.
TA	TURN ARROW WHITE THERMOPLASTIC PER ACHD STANDARDS.
TC	TURN CENTER LINE SEE ACHD TS-1112 DETAIL 7
TD	TURN LANE LINE SEE ACHD TS-1112 DETAIL 15
TE	TRASH ENCLOSURE DOUBLE UNIT ENCLOSURE WITH BLOCK WALLS, METAL GATES, AND HEAVY DUTY CONCRETE PAD. SEE ARCHITECTURE.
TN	TENNIS COURTS ASPHALT PAVEMENT INSTALLED, SAW CUT, AND BORDERED BY CONCRETE PAVEMENT. SEE CIVIL DETAIL 3, SHEET C.DT.3. COLOR COAT AND STRIPING FOR TENNIS AND PICKLEBALL. 10 FOOT HIGH CHAIN LINK FENCE PER DETAIL 1, SHEET L1.19. BLACK POLYMER COATING. SEE DETAILS SHEET L1.17. SEE SPECIFICATIONS 321823 AND 321824.
WS	CONCRETE WHEEL STOP 6'. LOCATE FRONT 3' FROM FACE OF CURB. ANCHOR WITH 5/8" PINS.
YH	YARD HYDRANT SEE DETAIL 4, SHEET C.UT.5

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

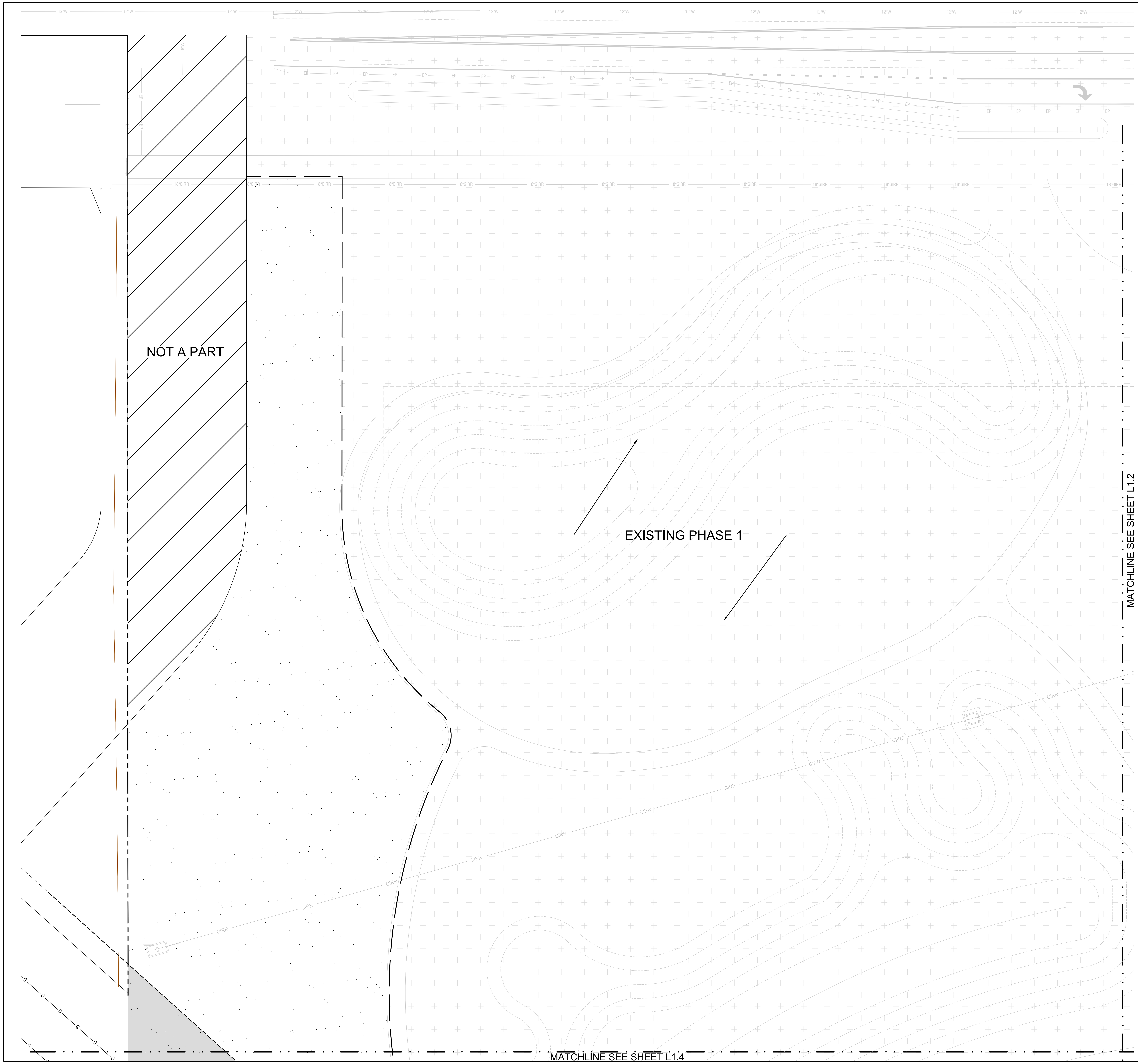
SITE

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN
Sheet Title

SITE PLAN
OVERALL

Sheet Number
L1.0
Of Sheets



CALLOUT LEGEND

⬡SYM	DESCRIPTION (SEE SHEET L1.0 FOR FULL LEGEND)
AA	ACCESSIBLE AISLE
AH	ASPHALT PAVEMENT
AL	ASPHALT PAVEMENT - PATHWAY
AM	ACCESSIBLE PAVEMENT MARKINGS
BB	BASKETBALL COURT
BC	BOCCE COURT
BL	BOLLARD
BP	BIKE PARK
BR	BIKE RACK
CC	CONCRETE CURB AND GUTTER
CH	CONCRETE PAVEMENT - RIGID CONCRETE
CL	CONCRETE PAVEMENT - CONCRETE SIDEWALK
CW	CROSSWALK
DF	DRINKING FOUNTAIN
DS	40 YARD DASH
FB	30' TALL CHAIN LINK BACKSTOP
FC	4' TALL CHAIN LINK FENCE
FE	6' TALL CHAIN LINK FENCE
FF	8' TALL CHAIN LINK FENCE
FG	10' TALL CHAIN LINK FENCE
FL	LIGHT FIXTURE
FP	FOUL POLE
GP	GRASS PAVERS
GV	GRAVEL SURFACE
HP	HAMMOCK POSTS
NP	NO PARKING STRIPING
NS	NO PARKING SIGN
PB	PICKLEBALL COURTS
PR	PEDESTRIAN RAMP
PS	PARKING STRIPING
RR	RESTROOM
SA	SHELTER TYPE 'A'
SB	SHELTER TYPE 'B'
SC	SHELTER TYPE 'C'
SD	ACCESSIBLE PARKING SIGN
SE	ACCESSIBLE VAN SIGN
SI	SOFTBALL INFIELD
SP	SKATE PARK
SS	STOP BAR AND LETTERS
ST	STOP SIGN
SV	SAND VOLLEYBALL
SW	CROSSWALK SIGN
TA	TURN ARROW
TC	TURN CENTER LINE
TD	TURN LANE LINE
TE	TRASH ENCLOSURE
TN	TENNIS COURTS
WS	CONCRETE WHEEL STOP
YH	YARD HYDRANT

MATERIAL LEGEND

SYM	DESCRIPTION
▨	ASPHALT PAVEMENT - WITH COLORCOAT SYSTEM
▨	ASPHALT PAVEMENT
▨	ASPHALT PAVEMENT - PATHWAY
▨	ARTIFICIAL TURF
▨	CONCRETE PAVEMENT - ONSITE RIGID CONCRETE
▨	CONCRETE PAVEMENT - ONSITE SIDEWALK CONCRETE
▨	BASKETBALL COURT CONCRETE PAVEMENT
▨	CONCRETE ADA RAMP AREA
▨	DECOMPOSED GRANITE
▨	GRASS PAVERS
▨	GRAVEL SURFACE
▨	SOFTBALL INFIELD
▨	SAND VOLLEYBALL
▨	LAWN
▨	WOOD MULCH
▨	COMMUNITY GARDEN AREA
▨	DESIGN BUILD AREA - TBD

NORTH

0' 20' 40' 60'

SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
FIRE COMMENTS	7-9-21
BID SET	9-29-21

BRUCE W. TAYLOR
LA-222

JENSEN**BELTS**
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Ph. (208) 343-7175

e-mail jba@jensenbelts.com

MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

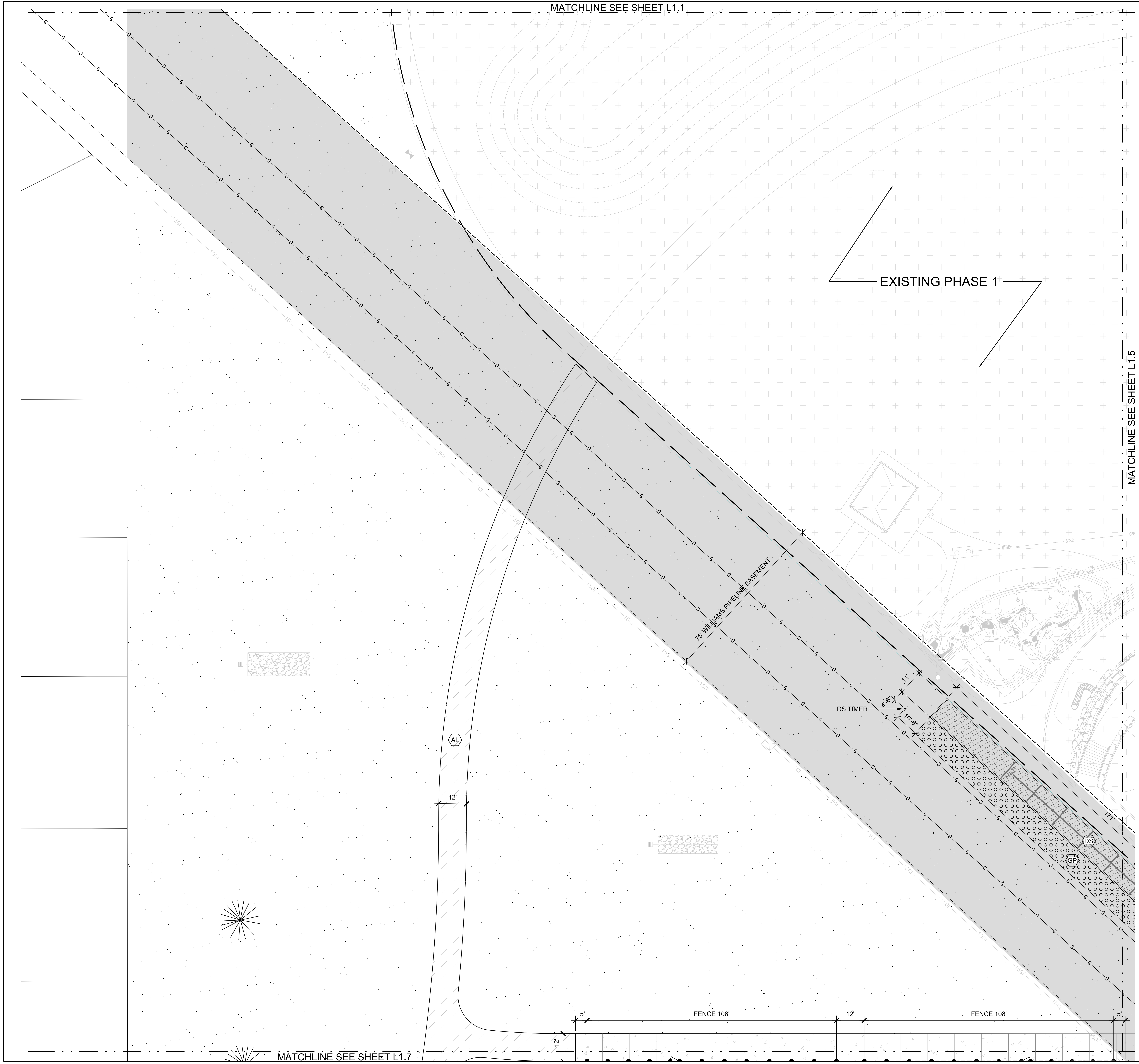
SITE

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN

Sheet Title
SITE PLAN
AREA A

Sheet Number
L1.1
Of Sheets

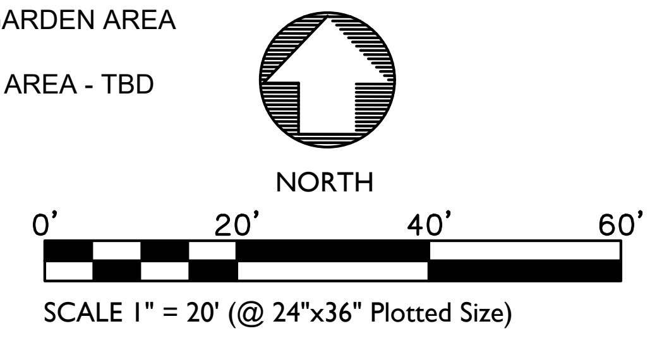


CALLOUT LEGEND

SYM	DESCRIPTION (SEE SHEET L1.0 FOR FULL LEGEND)
AA	ACCESSIBLE AISLE
AH	ASPHALT PAVEMENT
AL	ASPHALT PAVEMENT - PATHWAY
AM	ACCESSIBLE PAVEMENT MARKINGS
BB	BASKETBALL COURT
BC	BOCCE COURT
BL	BOLLARD
BP	BIKE PARK
BR	BIKE RACK
CC	CONCRETE CURB AND GUTTER
CH	CONCRETE PAVEMENT - RIGID CONCRETE
CL	CONCRETE PAVEMENT - CONCRETE SIDEWALK
CW	CROSSWALK
DF	DRINKING FOUNTAIN
DS	40 YARD DASH
FB	30' TALL CHAIN LINK BACKSTOP
FC	4' TALL CHAIN LINK FENCE
FE	6' TALL CHAIN LINK FENCE
FF	8' TALL CHAIN LINK FENCE
FG	10' TALL CHAIN LINK FENCE
FL	LIGHT FIXTURE
FP	FOUL POLE
GP	GRASS PAVERS
GV	GRAVEL SURFACE
HP	HAMMOCK POSTS
NP	NO PARKING STRIPING
NS	NO PARKING SIGN
PB	PICKLEBALL COURTS
PR	PEDESTRIAN RAMP
PS	PARKING STRIPING
RR	RESTROOM
SA	SHELTER TYPE 'A'
SB	SHELTER TYPE 'B'
SC	SHELTER TYPE 'C'
SD	ACCESSIBLE PARKING SIGN
SE	ACCESSIBLE VAN SIGN
SI	SOFTBALL INFIELD
SP	SKATE PARK
SS	STOP BAR AND LETTERS
ST	STOP SIGN
SV	SAND VOLLEYBALL
SW	CROSSWALK SIGN
TA	TURN ARROW
TC	TURN CENTER LINE
TD	TURN LANE LINE
TE	TRASH ENCLOSURE
TN	TENNIS COURTS
WS	CONCRETE WHEEL STOP
YH	YARD HYDRANT

MATERIAL LEGEND

SYM	DESCRIPTION
▨	ASPHALT PAVEMENT - WITH COLORCOAT SYSTEM
▨	ASPHALT PAVEMENT
▨	ASPHALT PAVEMENT - PATHWAY
▨	ARTIFICIAL TURF
▨	CONCRETE PAVEMENT - ONSITE RIGID CONCRETE
▨	CONCRETE PAVEMENT - ONSITE SIDEWALK CONCRETE
▨	BASKETBALL COURT CONCRETE PAVEMENT
▨	CONCRETE ADA RAMP AREA
▨	DECOMPOSED GRANITE
▨	GRASS PAVERS
▨	GRAVEL SURFACE
▨	SOFTBALL INFIELD
▨	SAND VOLLEYBALL
▨	LAWN
▨	WOOD MULCH
▨	COMMUNITY GARDEN AREA
▨	DESIGN BUILD AREA - TBD



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Sheet Title
SITE PLAN
AREA D

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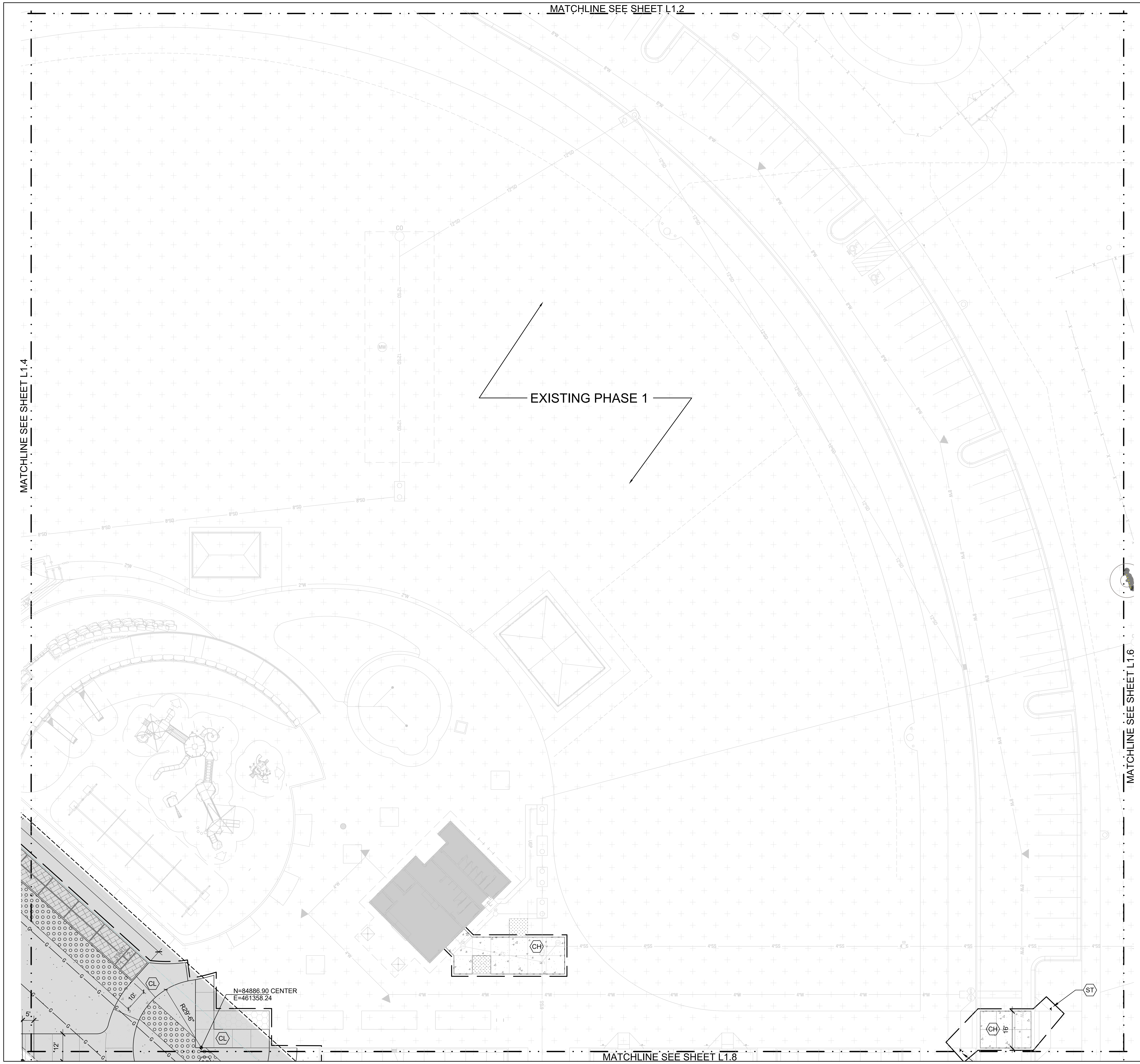
L1.4

Of Sheets



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DF	DRINKING FOUNTAIN
DS	40 YARD DASH
FB	30' TALL CHAIN LINK BACKSTOP
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HP	HAMMOCK POSTS
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PS	PARKING STRIPING
RR	RESTROOM
SA	SHELTER TYPE 'A'
SB	SHELTER TYPE 'B'
SC	SHELTER TYPE 'C'
SD	ACCESSIBLE PARKING SIGN
SE	ACCESSIBLE VAN SIGN
SI	SOFTBALL INFIELD
SP	SKATE PARK
SS	STOP BAR AND LETTERS
ST	STOP SIGN
SV	SAND VOLLEYBALL
SW	CROSSWALK SIGN
TA	TURN ARROW
TC	TURN CENTER LINE
TD	TURN LANE LINE
TE	TRASH ENCLOSURE
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WS	CONCRETE WHEEL STOP
YH	YARD HYDRANT

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▨	ASPHALT PAVEMENT
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▨	BASKETBALL COURT CONCRETE PAVEMENT
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0' 20' 40' 60'

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SITE

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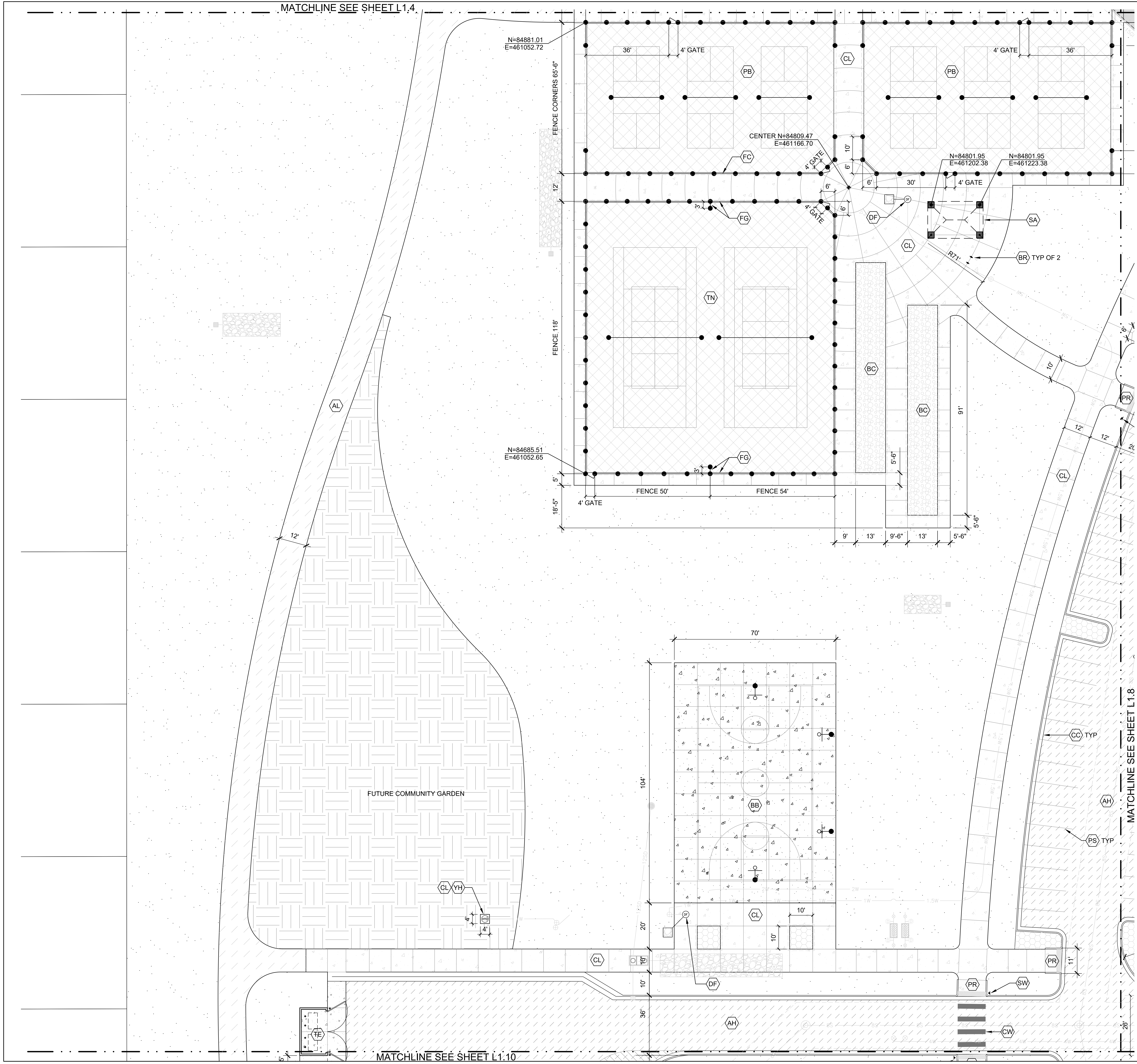
Sheet Title

SITE PLAN
AREA E

Sheet Number

L1.5

Of Sheets



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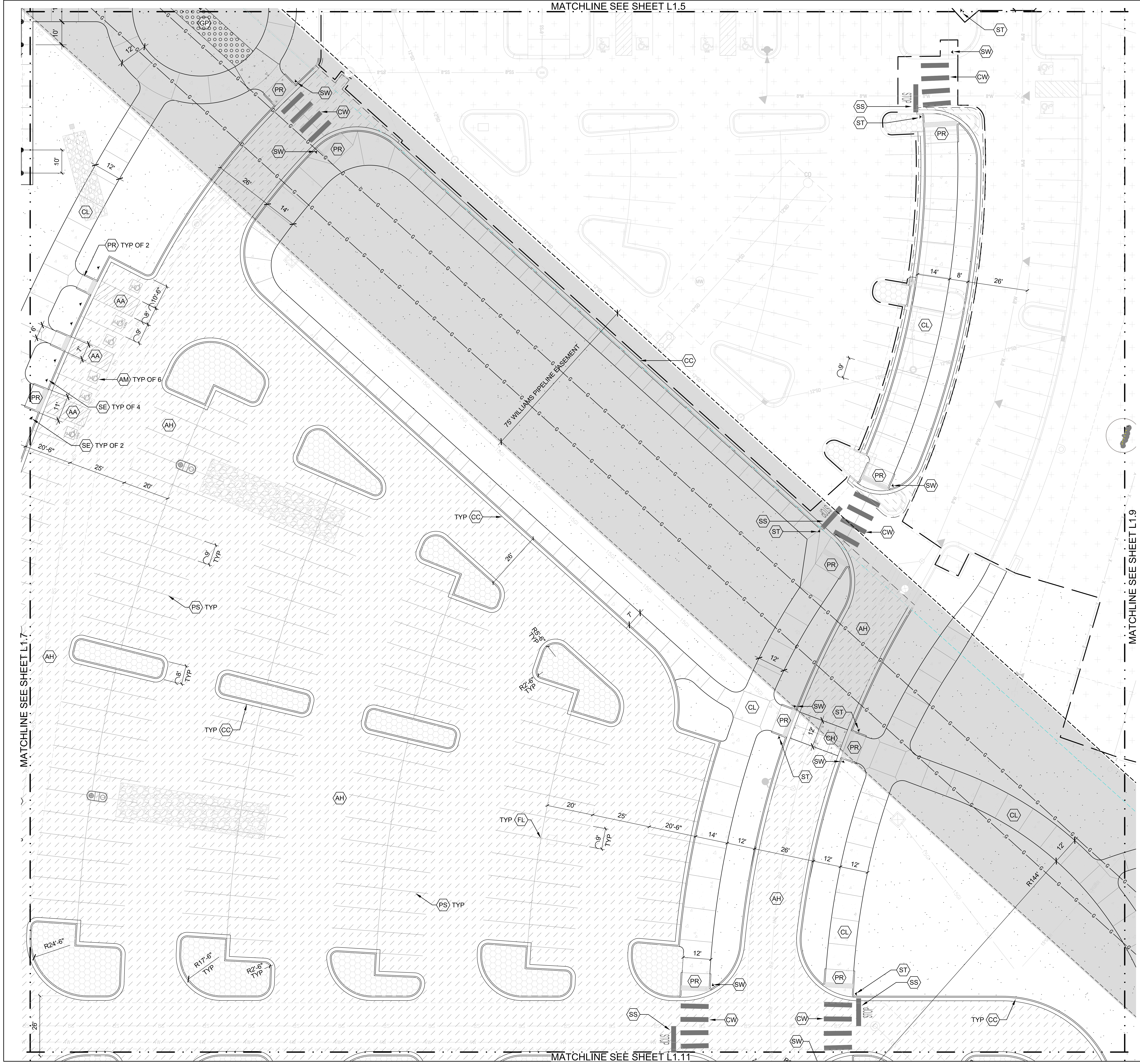
SITE PLAN
AREA G

Sheet Number

L1.7

Of Sheets



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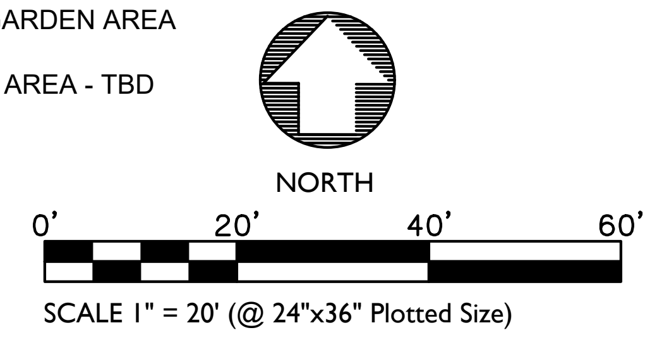

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STATE OF IDAHO
BRUCE W. TAYLOR
LA-222
LICENSED LANDSCAPE ARCHITECT

JENSENBELTS
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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

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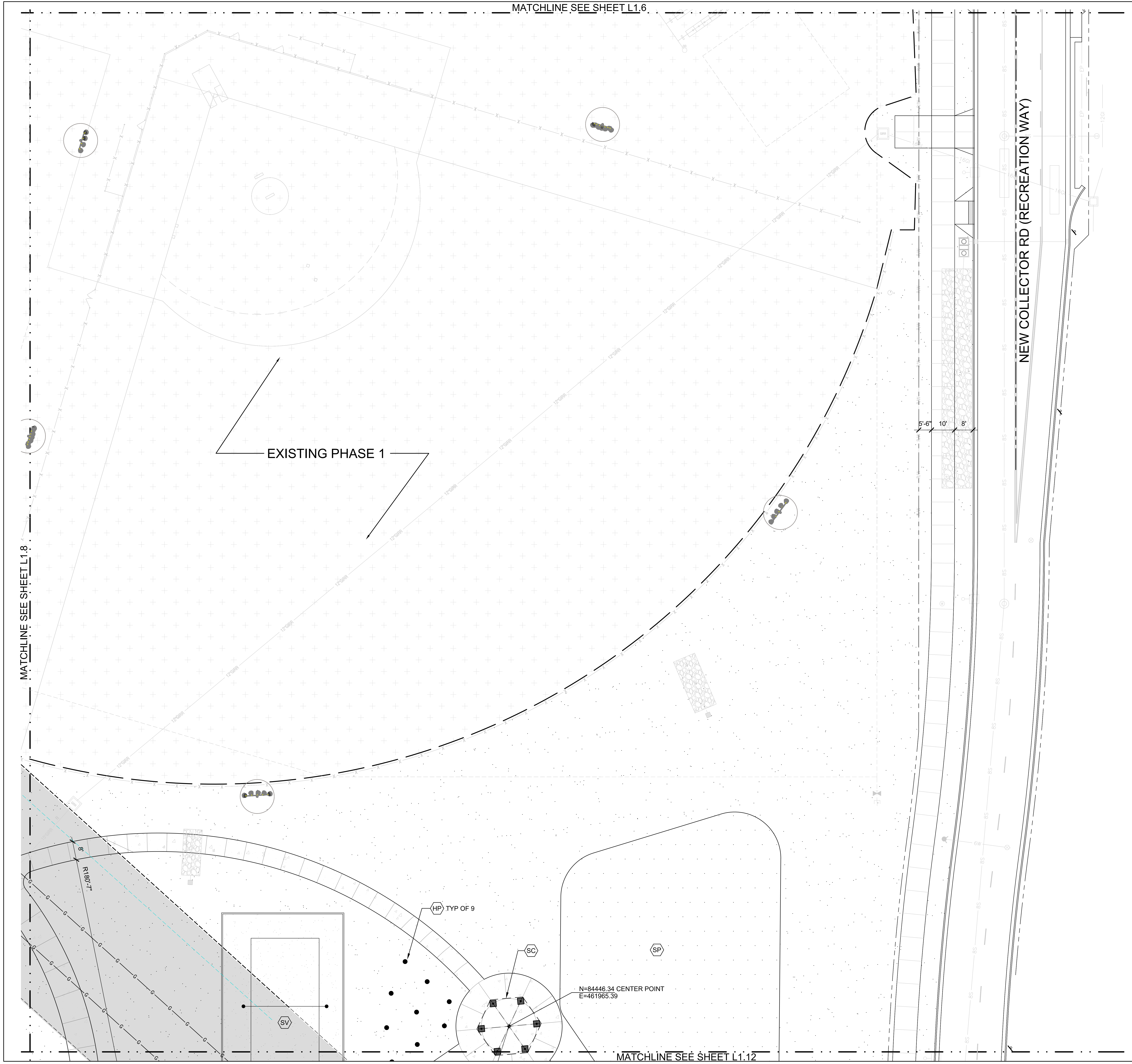
Sheet Title
SITE PLAN
AREA H

Sheet Number
L1.8

Of Sheets



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Sheet Title
SITE PLAN
AREA I

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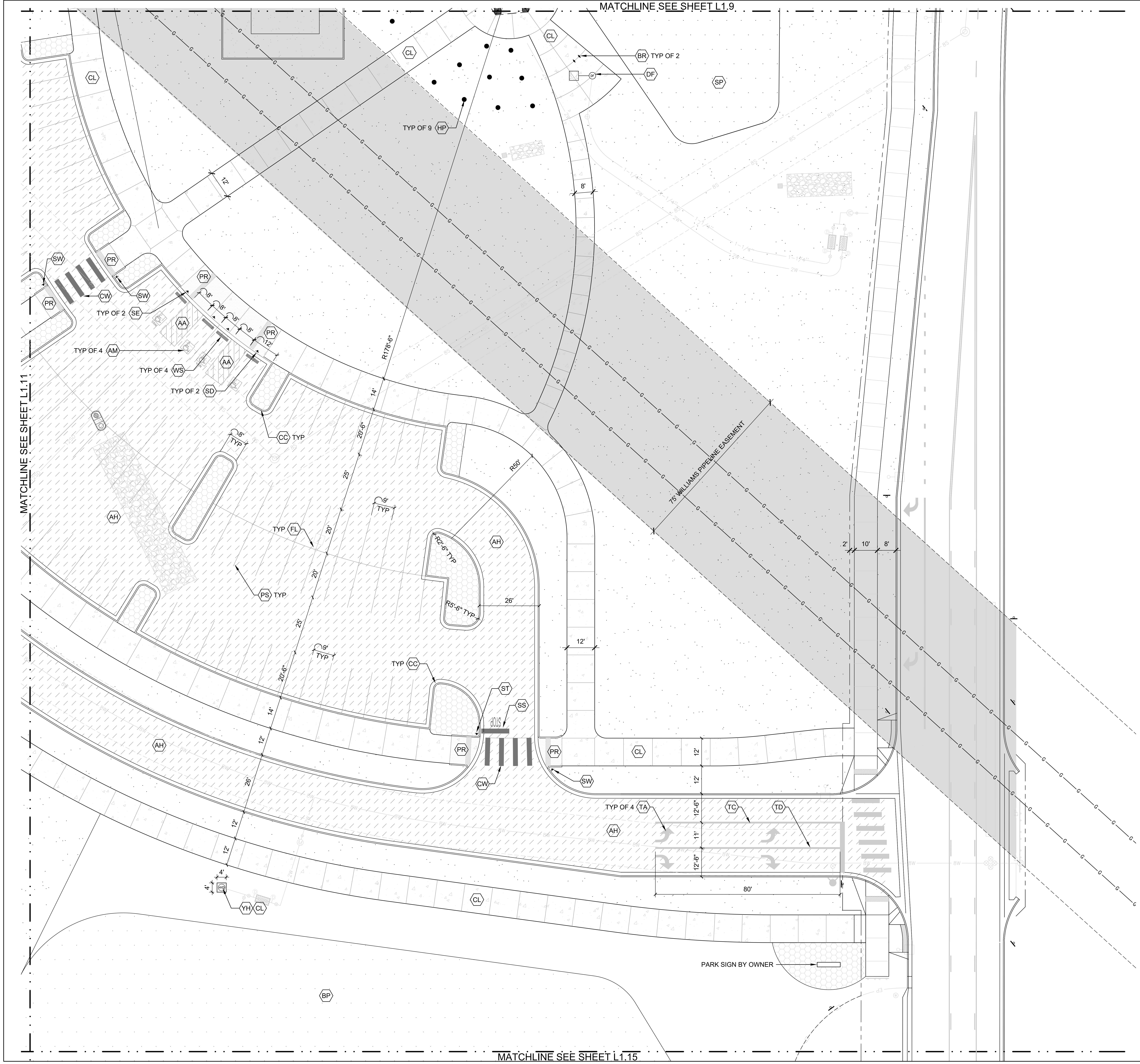
L1.9
Of
Sheets

MATCHLINE SEE SHEET L1.9



MATCHLINE SEE SHEET L1.15

CALLOUT LEGEND

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SITE PLAN
AREA L

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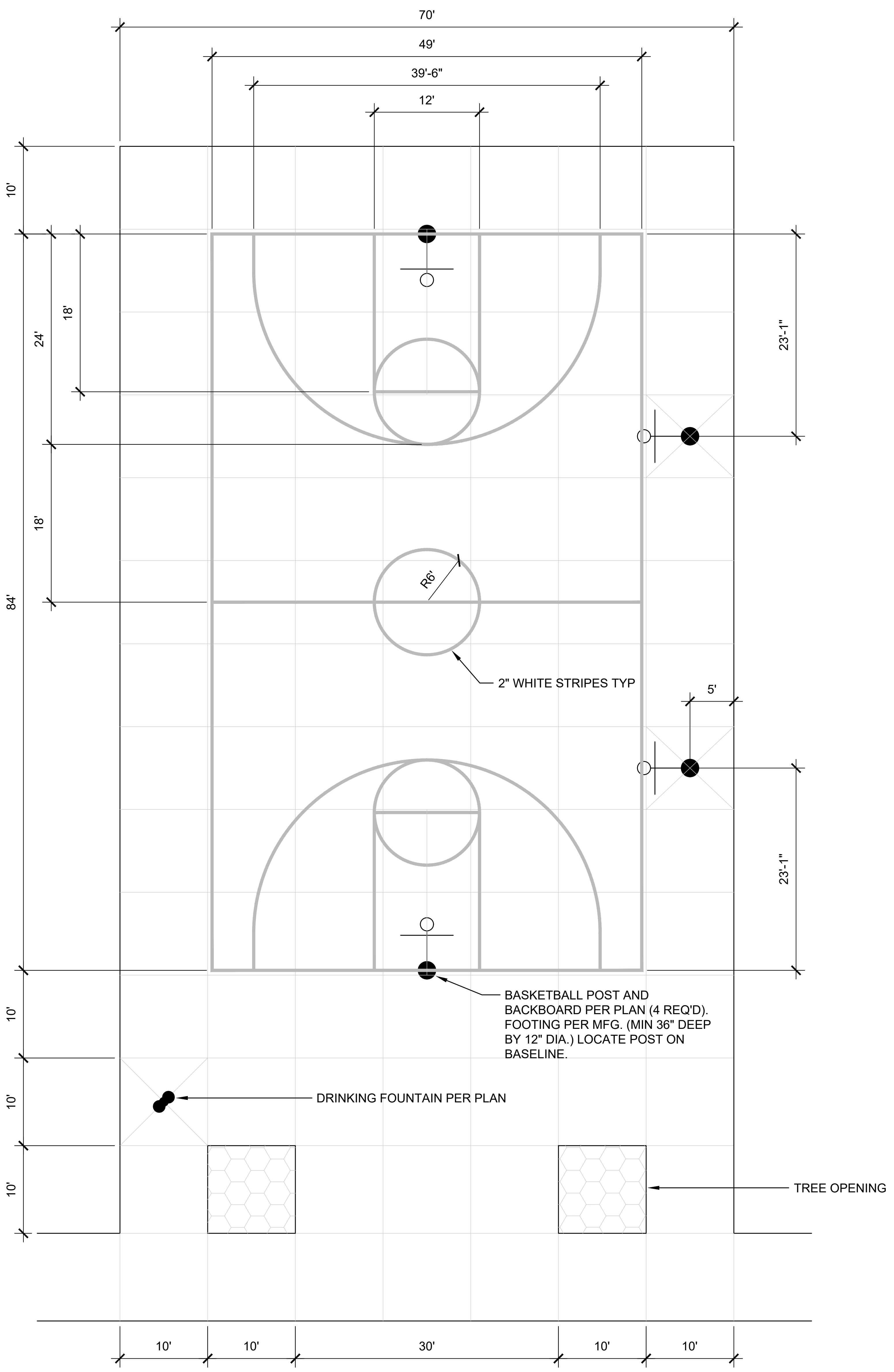
Of Sheets

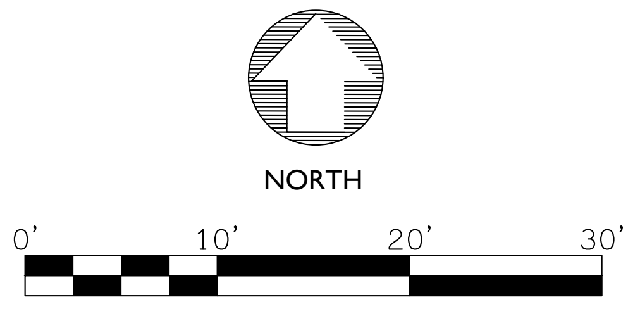


2" WHITE STRIPES TYP

BASKETBALL POST AND BACKBOARD PER PLAN (4 REQ'D). FOOTING PER MFG. (MIN 36" DEEP BY 12" DIA.) LOCATE POST ON BASELINE.

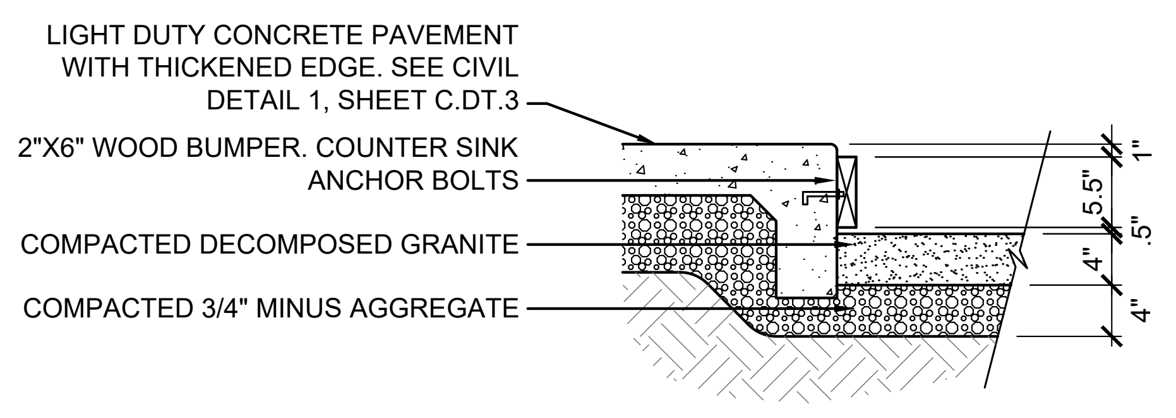
DRINKING FOUNTAIN PER PLAN

TREE OPENING



1 BASKETBALL LAYOUT

SCALE: 1"=10'



LIGHT DUTY CONCRETE PAVEMENT WITH THICKENED EDGE. SEE CIVIL DETAIL 1, SHEET C.DT.3

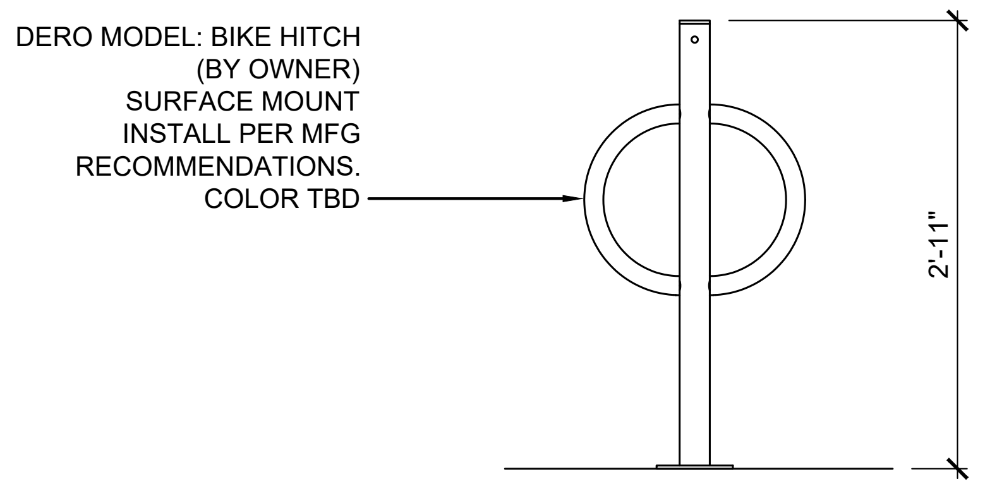
2"X6" WOOD BUMPER. COUNTER SINK ANCHOR BOLTS

COMPACTED DECOMPOSED GRANITE

COMPACTED 3/4" MINUS AGGREGATE

2 BOCCE COURT

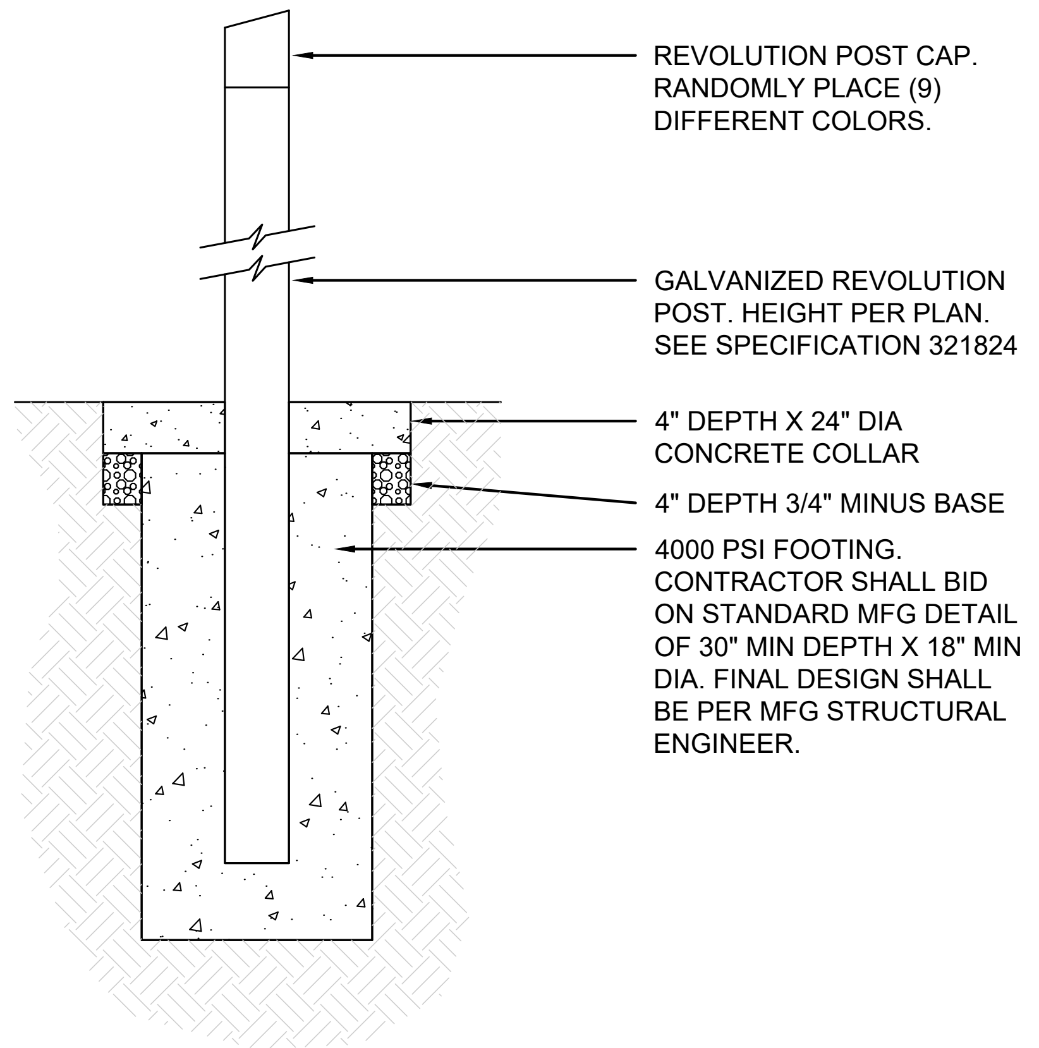
NOT TO SCALE



DERO MODEL: BIKE HITCH (BY OWNER) SURFACE MOUNT INSTALL PER MFG RECOMMENDATIONS. COLOR TBD

3 BIKE RACK

NOT TO SCALE



REVOLUTION POST CAP. RANDOMLY PLACE (9) DIFFERENT COLORS.

GALVANIZED REVOLUTION POST. HEIGHT PER PLAN. SEE SPECIFICATION 321824

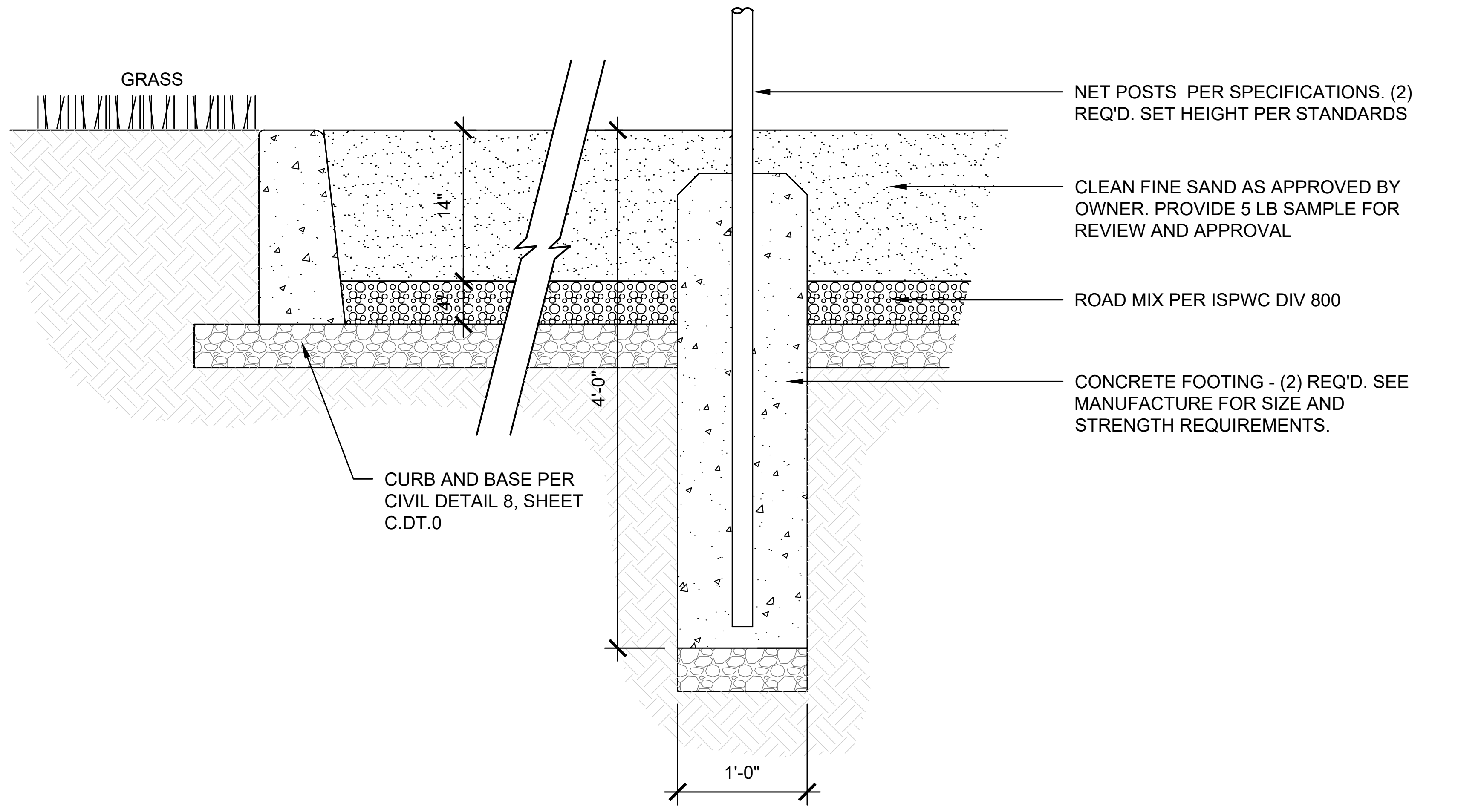
4" DEPTH X 24" DIA CONCRETE COLLAR

4" DEPTH 3/4" MINUS BASE

4000 PSI FOOTING. CONTRACTOR SHALL BID ON STANDARD MFG DETAIL OF 30" MIN DEPTH X 18" MIN DIA. FINAL DESIGN SHALL BE PER MFG STRUCTURAL ENGINEER.

4 HAMMOCK POST

NOT TO SCALE



NET POSTS PER SPECIFICATIONS. (2) REQ'D. SET HEIGHT PER STANDARDS

CLEAN FINE SAND AS APPROVED BY OWNER. PROVIDE 5 LB SAMPLE FOR REVIEW AND APPROVAL

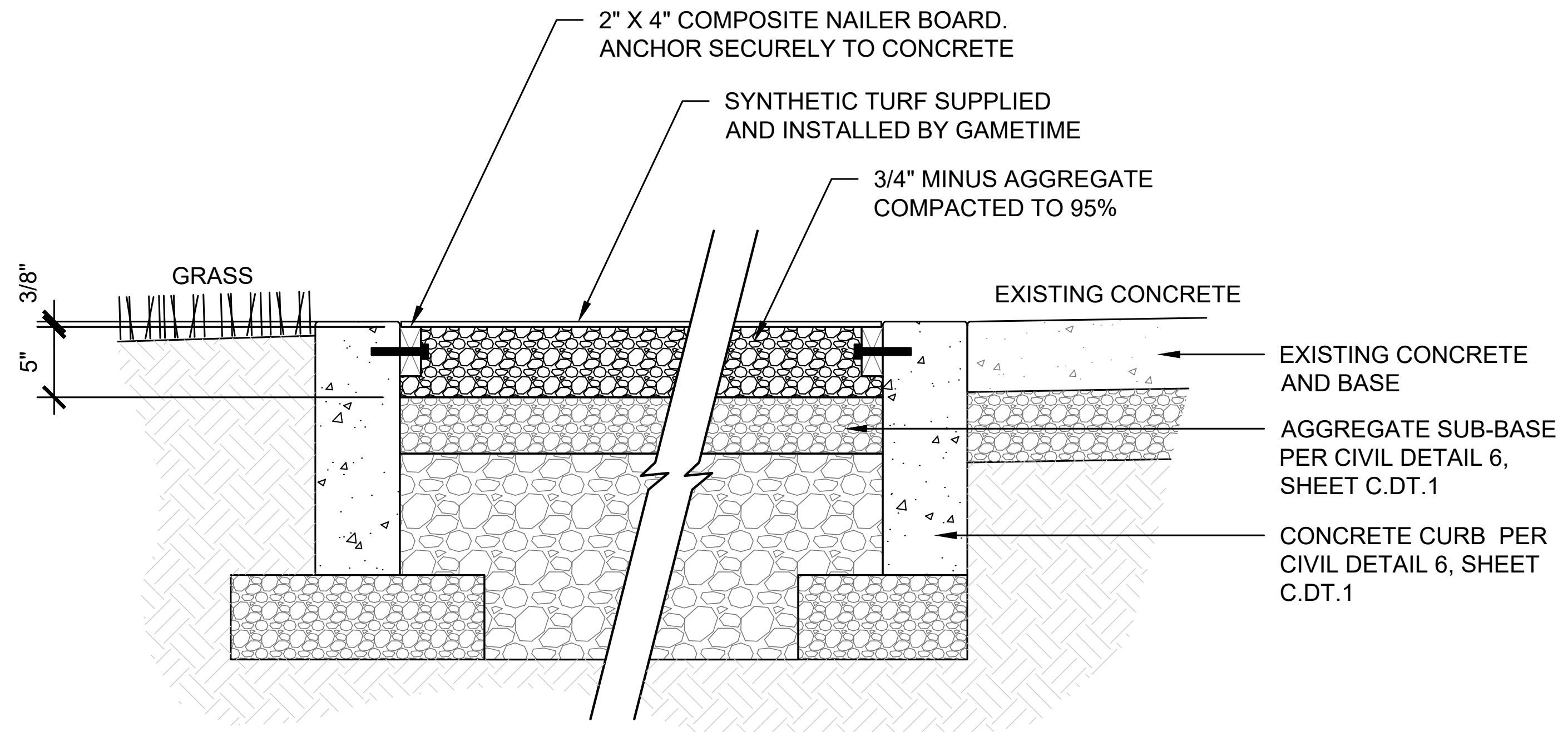
ROAD MIX PER ISPWC DIV 800

CONCRETE FOOTING - (2) REQ'D. SEE MANUFACTURE FOR SIZE AND STRENGTH REQUIREMENTS.

CURB AND BASE PER CIVIL DETAIL 8, SHEET C.DT.0

5 SAND VOLLEYBALL

NOT TO SCALE



2" X 4" COMPOSITE NAILER BOARD. ANCHOR SECURELY TO CONCRETE

SYNTHETIC TURF SUPPLIED AND INSTALLED BY GAMETIME

3/4" MINUS AGGREGATE COMPACTED TO 95%

EXISTING CONCRETE AND BASE

AGGREGATE SUB-BASE PER CIVIL DETAIL 6, SHEET C.DT.1

CONCRETE CURB PER CIVIL DETAIL 6, SHEET C.DT.1

NOTE:

1. 40 YARD DASH ELECTRONIC SCOREBOARD, TIMING, MATS, SYNTHETIC TURF BY GAMETIME, INC. GAMETIME WILL PROVIDE AND INSTALL THOSE PRODUCTS AFTER CONTRACTOR CURB AND BASE PREPARATION.

6 40 YARD DASH

NOT TO SCALE

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21

BRUCE W. TAYLOR
LA-222

JENSENBELTS
ASSOCIATES
Site Planning
Landscape Architecture
Urban Design

Site Planning
Landscape Architecture

1509 S Tyrell Ln., Ste 130
Boise, Idaho 83706
Ph. (208) 343-7175
e-mail jba@jensenbelts.com

MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E. LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

Job Number 1999

Drawn	Checked
JBA	BWT

Scale AS SHOWN

Sheet Title

SITE DETAILS

Sheet Number

L1.16

Of Sheets

DISCOVERY PARK PHASE 2

MERIDIAN, IDAHO

LEGEND

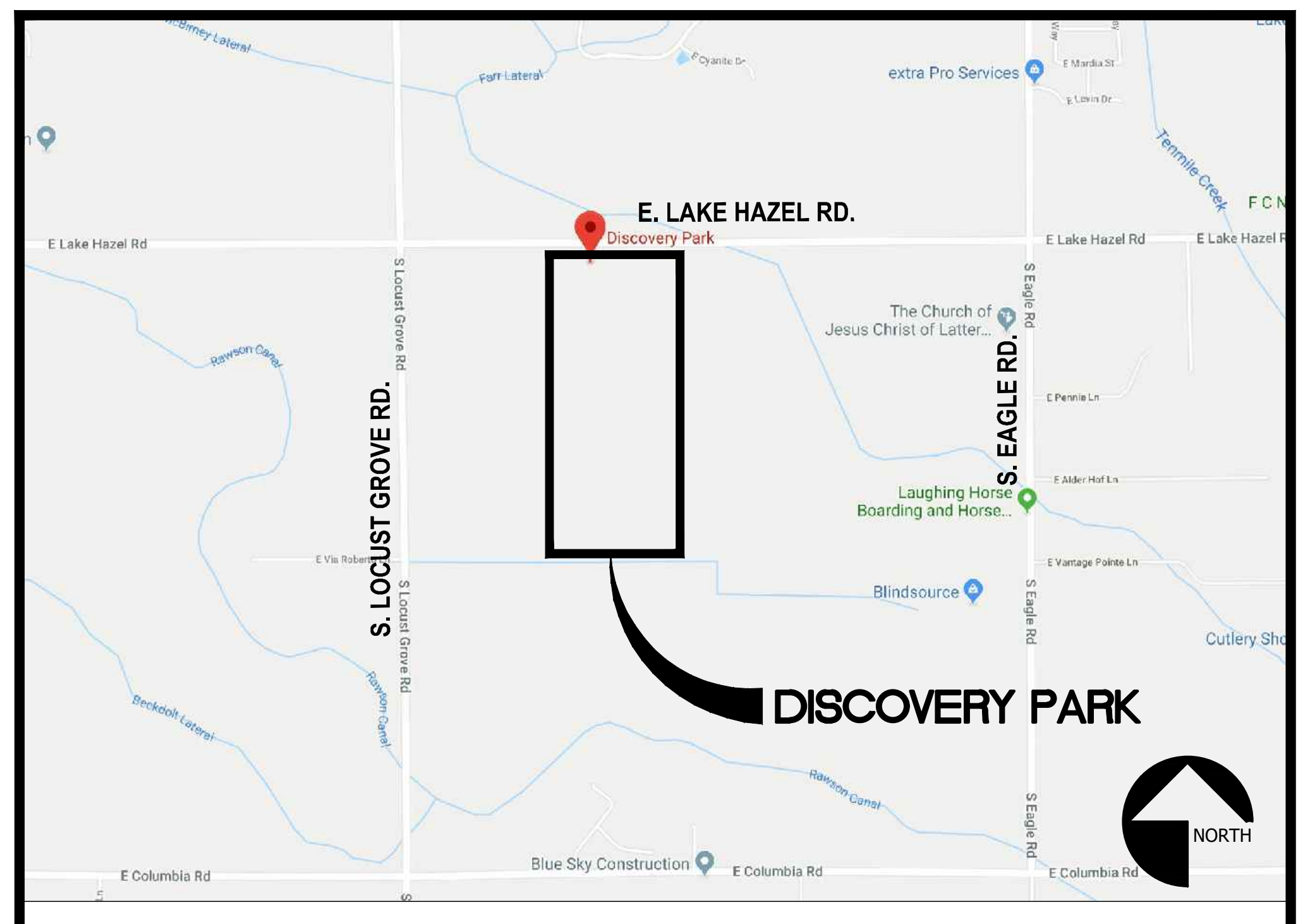
◕	FOUND BRASS/ALUMINUM CAP
△	5/8" IRON PIN WITH PLASTIC CAP
◇	CALCULATED POINT
▲	FOUND 5/8" IRON PIN WITH PLASTIC CAP
●	FOUND 1/2" IRON PIN WITH PLASTIC CAP
○	SET 1/2" IRON PIN WITH PLASTIC CAP
— SS — SS — SS —	EXISTING SEWER
— W — W — W —	EXISTING WATER
— CABLE —	EXISTING CABLE
— – — – —	EXISTING CENTERLINE
— · — · —	EXISTING DITCH
— EG — EG — EG —	EXISTING EDGE OF GRAVEL
— EP — EP — EP —	EXISTING EDGE OF PAVEMENT
— X —	EXISTING FENCE
— F/O —	EXISTING FIBER OPTICS
— GAS — GAS — GAS —	EXISTING GAS
— IRR —	EXISTING GRAVITY IRRIGATION
— JT — JT — JT —	EXISTING JOINT TRENCH
— OHP —	EXISTING OVERHEAD POWER
— PI — PI — PI —	EXISTING PRESSURE IRRIGATION
— SD — SD —	EXISTING STORM
— T —	EXISTING TELEPHONE
— T/FO —	EXISTING TELEPHONE & FIBER
— TOE — TOE —	EXISTING TOE OF SLOPE
— TOB —	EXISTING TOP OF BANK
— UGP — UGP — UGP —	EXISTING UNDERGROUND POWER
— SS — SS — SS —	PROPOSED SEWER
— 8'' — SAN — (—	PROPOSED 8" SEWER
— 6'' — SAN — (—	PROPOSED 6" SEWER
— 4'' — SAN — (—	PROPOSED 4" SEWER
— W —	PROPOSED WATER
— 1'' — W —	PROPOSED 1" WATER
— 1-1/2'' — W —	PROPOSED 1.5" WATER
— 2'' — W —	PROPOSED 2" WATER
— 6'' — W —	PROPOSED 6" WATER
— 8'' — W —	PROPOSED 8" WATER
— 10'' — W —	PROPOSED 10" WATER
— 12'' — W —	PROPOSED 12" WATER
— SD — SD —	PROPOSED STORM DRAIN
— PI — PI — PI —	PROPOSED PRESSURE IRRIGATION
— IRR —	PROPOSED GRAVITY IRRIGATION
— EP — EP — EP —	PROPOSED EDGE OF PAVEMENT
— EG — EG — EG —	PROPOSED EDGE OF GRAVEL
— SAWCUT — SAWCUT —	PROPOSED SAWCUT
— · — · —	PROPOSED FLOW LINE
— TOB —	PROPOSED TOP OF BANK
— TOE — TOE —	PROPOSED TOE OF SLOPE
– – – – –	PUID EASEMENT
━ ━ ━ ━	PROPOSED GRADE BREAK
—— – – ——	PROPERTY LINE
SIG	SIGNAL JUNCTION BOX
	SIGNAL
▚	BENCHMARK

TBC		TOP BACK OF CURB
TBCR		TOP BACK OF REVERSE CURB
TVC		TOP BACK OF VERT. CURB W/O GUTTER
TOC		TOP OF CURB
WALK		TOP OF WALK
CONC		CONCRETE SPOT ELEVATION
LIP		LIP OF GUTTER
FL		FLOW LINE
AC		ASPHALT
EP		EDGE OF PAVEMENT
EG		EDGE OF GRAVEL
CL		CENTERLINE
BOW		BACK OF WALK
FG		FINISHED GRADE
GND		GROUND
CMP		CONCRETE PIPE
RCP		CORRUGATED METAL PIPE
PVC		PVC PIPE
← −1.00%		SLOPE OF CURB
		EXISTING TREE
		EXISTING LIGHT
		EXISTING MAILBOX
2600		EXISTING CONTOUR
2600		PROPOSED CONTOUR
		EXISTING SIGN
◎		EXISTING MANHOLE
		EXISTING INLET
		EXISTING FIRE HYDRANT
		PROPOSED FIRE HYDRANT
⊗		PROPOSED VALVE
⊗ M ⊗		PROPOSED METER
Ⓑ		PROPOSED BLOW-OFF
		PROPOSED SAND AND GREASE TRAP
REVERSE PLATE CURB & GUTTER	STANDARD PLATE CURB & GUTTER	SMOOTH TRANSITION BETWEEN REVERSE AND STANDARD PLATE CURB & GUTTER
		CONCRETE CURB AND GUTTER
		CONCRETE
□		IRRIGATION BOX
← SLOPE		DIRECTION OF DOWNWARD SLOPE
TV		CABLE RISER
P		POWER/ELECTRICAL
△		TELEPHONE RISER
■		POWER/TELEPHONE POLE
CO		CLEANOUT
◇1	------ DETAIL NUMBER XX SHEET NUMBER	KEYED NOTE

PROJECT CONTACTS

OWNER	CITY OF MERIDIAN C/O MIKE BARTON 33 E. BROADWAY AVE. MERIDIAN, ID 83642 TELE: (208) 888-4433 MBARTON@MERIDIANCITY.ORG
CIVIL ENGINEER	ERICKSON CIVIL, INC. PROJECT MANAGER - ROSS ERICKSON P.E. 6213 N. CLOVERDALE ROAD SUITE 125 BOISE, IDAHO 83712 TELE: (208) 846-8955 CELL: (208) 867-3954 ROSS@ERICKSONCIVIL.COM
PROFESSIONAL LAND SURVEYOR	LAND SOLUTIONS, INC. PROJECT MANAGER - CLINT HANSEN P.L.S. 231 E. 5TH AVE. MERIDIAN, IDAHO 83642 TELE: (208) 288.2040 CHANSEN@LANDSOLUTIONS.BIZ
IRRIGATION DISTRICT	NEW YORK IRRIGATION DISTRICT 6616 W. OVERLAND RD. BOISE, ID 83709 (208) 378-1023
IRRIGATION SURFACE WATER DELIVERY	BOISE PROJECT BOARD OF CONTROL TOM RITTHALER 2465 OVERLAND RD. BOISE, ID 83705 (208) 344-1141
PRESSURE IRRIGATION SYSTEM	PRIVATE SYSTEM OWNED & OPERATED BY CITY OF MERIDIAN
CITY OF MERIDIAN	BUILDING DEPARTMENT 33 E, BROADWAY AVE. MERIDIAN, ID 83642 TELE: (208) 887-2211
WATER SERVICE PROVIDER	CITY OF MERIDIAN WATER DEPT. 2235 NW 8TH ST. MERIDIAN, ID 83646 TELE: (208) 888-5242
SEWER SERVICE PROVIDER	CITY OF MERIDIAN 33 E, BROADWAY AVE. MERIDIAN, ID 83642 TELE: (208) 898-5500
POWER	IDAHO POWER COMPANY SCOTT PINKSTON TELE: (208) 388-5446
GAS	INTERMOUNTAIN GAS CO. MISHELLE SINGLETON TELE: (208) 377-6863
TELEPHONE	CENTURY LINK JAKE FESSENDEN 208-385-2107 JACOB.FESSENDEN@CENTURYLINK.COM
SWPPP PREPARER	J.E.C., LLC C/O JASON JONES 880 E. FRANKLIN RD. SUITE 307 MERIDIAN, ID 83642 208-340-2838
PARCEL INFO.	PARCEL # S1405212410 T.2 R.1E SEC 5 2121 E. LAKE HAZEL RD. MERIDIAN, ID 83642 ZONE: R-4 ACRES: 76.876

A GEOTECHNICAL INVESTIGATION WAS PERFORMED AS PART OF THE DESIGN OF THIS PROJECT BY STRATA, DATED JULY 26TH, 2017. ALL CONDITIONS AND REQUIREMENTS CONTAINED THEREIN ARE HEREBY INCORPORATED IN TO THESE CONSTRUCTION PLANS AND CONTRACT FOR THE WORK BY REFERENCE. WHERE CONFLICTS EXIST BETWEEN THE GEOTECHNICAL INVESTIGATION AND THE PROJECT PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.



VICINITY MAP

INDEX OF SHEETS

C1.0 COVER SHEET, LEGEND, & CONTACTS
C1.1 NOTES
C1.2 TOPOGRAPHIC SURVEY
C1.3 DEMOLITION PLAN

G.GD.0 GRADING PLAN - OVERALL
C.GD.1 GRADING PLAN - AREA A
C.GD.2 GRADING PLAN - AREA B
C.GD.3 GRADING PLAN - AREA C
C.GD.4 GRADING PLAN - AREA D
C.GD.5 GRADING PLAN - AREA E
C.GD.6 GRADING PLAN - AREA F
C.GD.7 GRADING PLAN - AREA G
C.GD.8 GRADING PLAN - AREA H
C.GD.9 GRADING PLAN - AREA I
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C.GD.11 GRADING PLAN - AREA K
C.GD.12 GRADING PLAN - AREA L

C.RD.0 ROADWAY - TYPICAL SECTIONS
C.RD.1 ROADWAY - S. RECREATION AVE. (STA 6+44.92 TO 10+55)
C.RD.2 ROADWAY - S. RECREATION AVE. (STA 10+55 TO 15+20)
C.RD.3 ROADWAY - S. RECREATION AVE. (STA 15+20 TO 20+08.49)
C.RS.1 ROADWAY - S. RECREATION AVE. STRIPING & SIGNAGE (STA 6+44.92 TO 20+08.49)

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C.SD.1 STORM DRAIN - AREAS 1, 2, 4, 5 & 6
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C.SD.5 STORM DRAIN - AREAS 21, 22, 23, 24, 25, 26 & 27
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C.DT.0 DETAILS - 0
C.DT.1 DETAILS - 1
C.DT.2 DETAILS - 2
C.DT.3 DETAILS - 3
C.DT.4 DETAILS - 4
C.DT.5 DETAILS - 5
C.DT.6 DETAILS - 6
C.DT.7 DETAILS - 7
C.DT.8 DETAILS - 8
C.DT.9 DETAILS - 9
C.DT.10 DETAILS - 10

C.UT.1 WATER PLAN
C.UT.2 SEWER LINE A - STA 1+15 TO 16+65
C.UT.3 SEWER LINE A - STA 16+65 TO 25+03.06
SEWER LINE C - STA 1+00 TO 1+48
C.UT.4 SEWER LINE B - STA 1+00 TO 5+58.44
EXISTING RESTROOM CONNECTION TO SEWER
C.UT.5 SEWER & WATER DETAILS
C.UT.6 SEWER & WATER DETAILS

C.GI.1 GRAVITY IRRIGATION - LINE A
C.GI.2 GRAVITY IRRIGATION - LINE B

ESC.0 SWPPP - COVER SHEET & NOTES
ESC.1 SWPPP - PLAN AREA A
ESC.2 SWPPP - PLAN AREA B
ESC.3 SWPPP - BMP DETAILS

MERIDIAN IDAHO
Public Works Department
Design & Construction Supplemental Specifications

DATUM + BENCHMARKS

CONTRACTOR SHALL CONFIRM NAVD 88 ELEVATIONS AND LOCATIONS FOR ALL PROJECT CONTROL POINTS PRIOR TO START OF CONSTRUCTION.

CP#1 ▚ TO BE ESTABLISHED IN FIELD BY SURVEYOR

APPROVED FOR CONSTRUCTION

MERIDIAN IDAHO

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name ______ - ______ Date ______ -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY ______ - ______ DATE: ______ -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

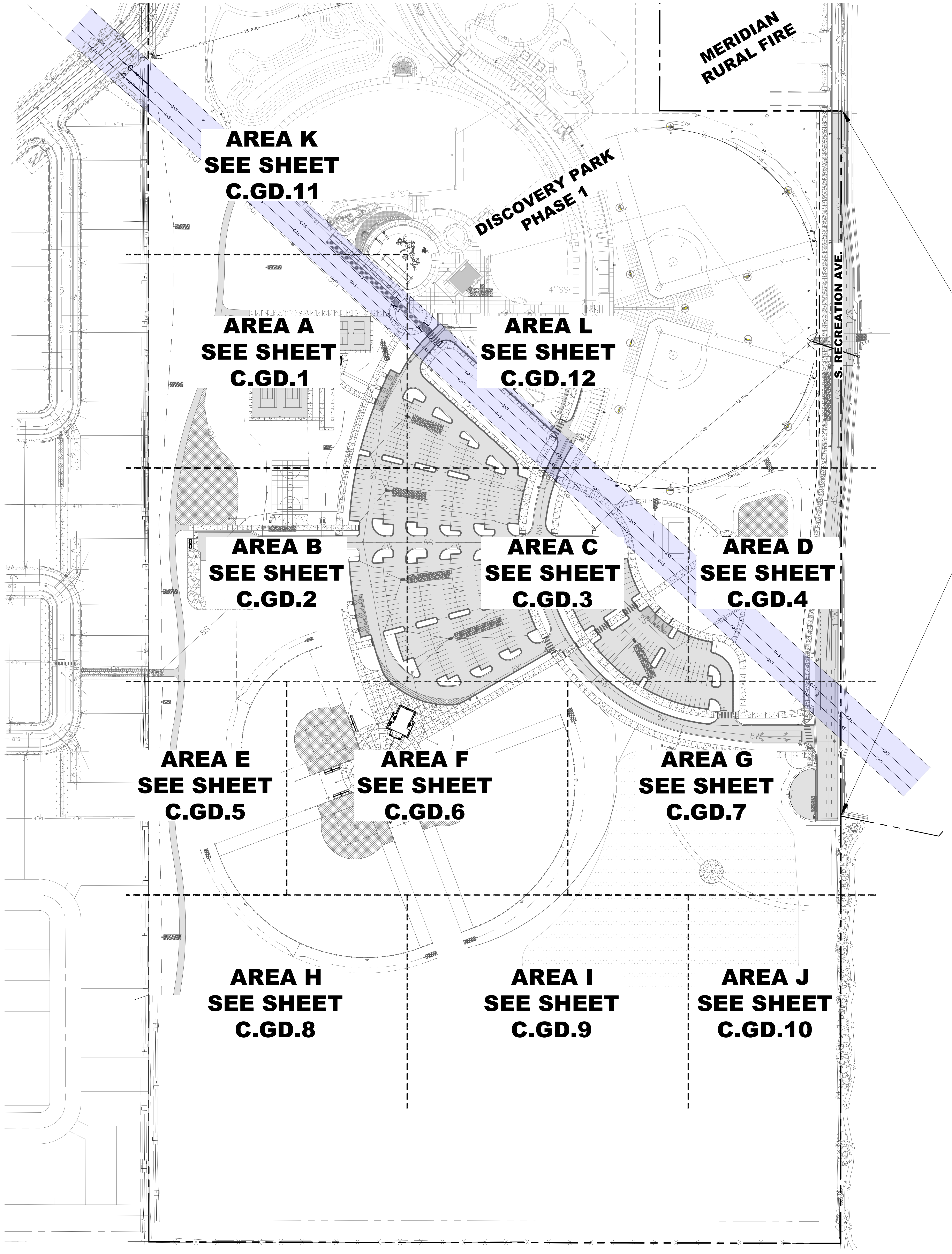
NO.	REVISION	DATE
1	CITY PLAN REVIEW COMMENTS #1	11-4-21

SHEET TITLE: **COVER SHEET, LEGEND & CONTACTS**

PROJECT MANAGER: -
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER: **IDB19075**
DATE: 09/29/21

SHEET NUMBER: **C1.0**



N

GRADING PLAN - OVERALL

0 120 240 FEET

Abbreviations

TBC	TOP BACK OF CURB
TBCR	TOP BACK OF REVERSE CURB
TVC	TOP BACK OF VERT. CURB W/O GUTTER
TOC	TOP OF CURB
WALK	TOP OF WALK
RC	TOP OF RIBBON CURB
CON	CONCRETE SPOT ELEVATION
MA	MATCH
LIP	LIP OF GUTTER
FL	FLOW LINE
AC	ASPHALT
EP	EDGE OF PAVEMENT
EG	EDGE OF GRAVEL
CL	CENTERLINE
TOW	TOP BACK OF WALK
FG	FINISHED GRADE
GND	GROUND
CMP	CONCRETE PIPE
RCP	CORRUGATED METAL PIPE
PVC	PVC PIPE
→ -1.00%	FINISHED GRADE SLOPE OF FEATURE

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

NO.	REVISION	DATE

SHEET TITLE: **GRADING PLAN - OVERALL**

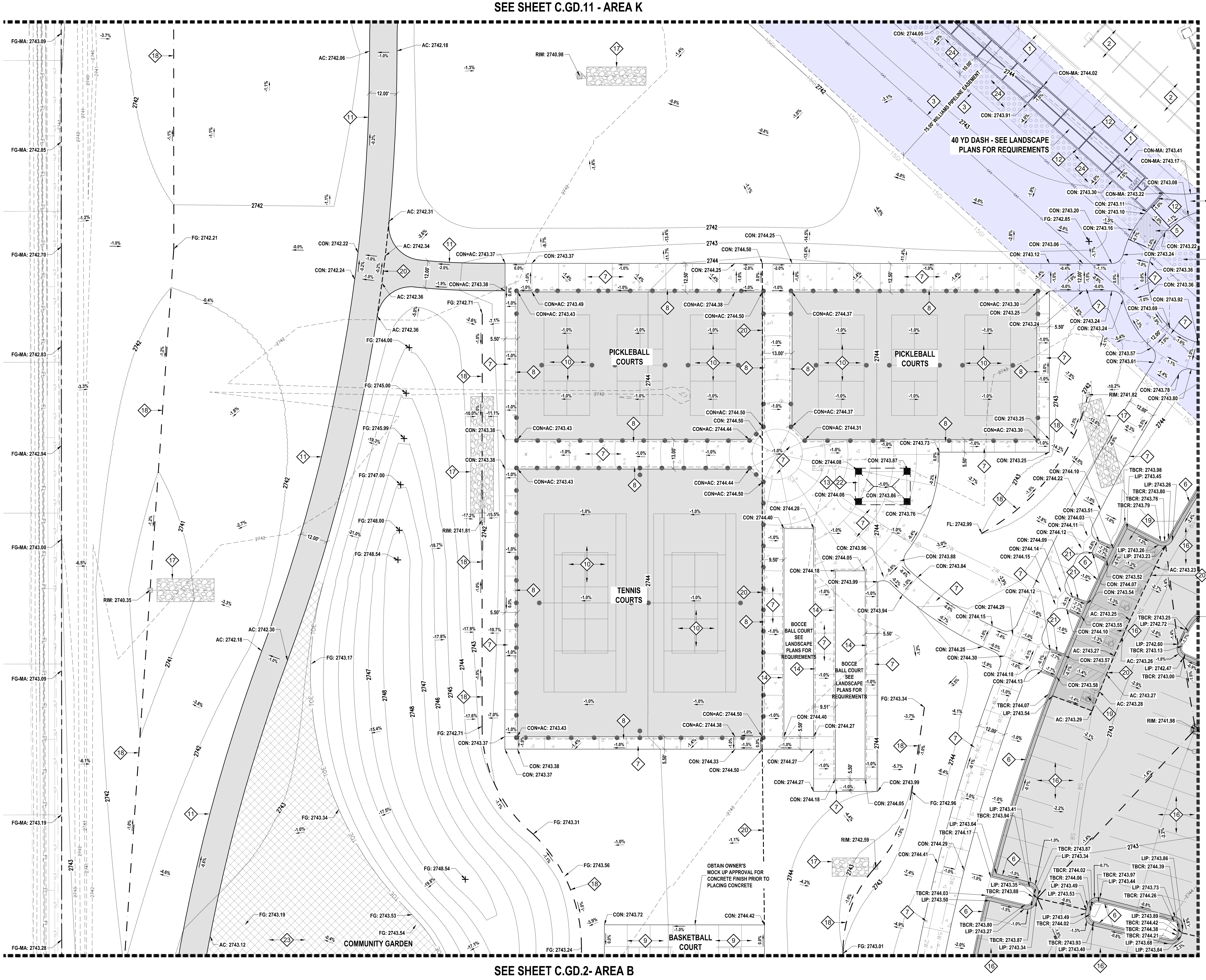
PROJECT MANAGER: -

PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956

DRAWN BY: RKE

JOB NUMBER: **IDB19075**
DATE: 09/29/21

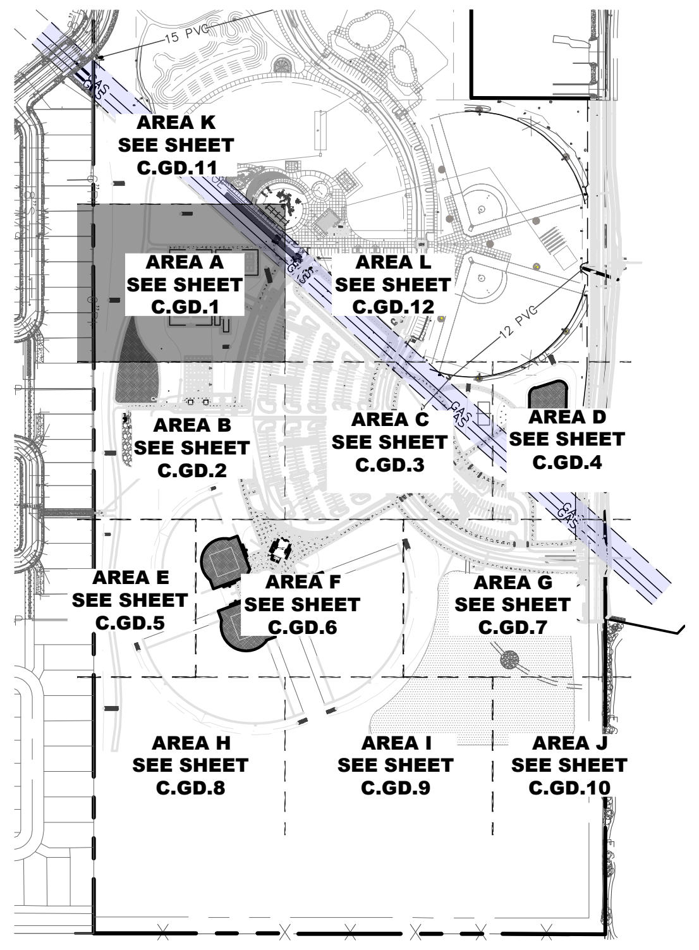
SHEET NUMBER: **C.GD.0**



GRADING PLAN - AREA A

N

0 20 40
FEET



GRADING SHEET AREA KEY

Keyed Notes

1. RETAIN & PROTECT EXISTING SIDEWALK.
2. RETAIN & PROTECT EXISTING PHASE 1 PARK IMPROVEMENTS.
3. RETAIN & PROTECT EXISTING WILLIAMS PIPELINE GAS LINES - ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
4. NOT USED.
5. ONSITE RIGID CONCRETE PAVEMENT SECTION WITHIN HATCHED AREA TO ALIGN WITH GRASS PAVERS - SEE 2/C.DT.3.
6. CURB & GUTTER - SEE CURB AND GUTTER LEGEND FOR CURB TYPE.
7. ONSITE CONCRETE SIDEWALK - (SEE 6/C.DT.0).
8. THICKENED EDGE CONCRETE SIDEWALK ADJACENT TO TENNIS AND PICKLEBALL COURTS - (SEE 1/C.DT.1).
9. BASKETBALL COURT CONCRETE PAVEMENT- (SEE 2/C.DT.1).
10. TENNIS & PICKLEBALL COURT ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.1).
11. ASPHALT PATHWAY - (SEE 5/C.DT.1).
12. CONCRETE RIBBON CURB - 40 YD DASH - (SEE 6/C.DT.1).
13. UNDER SLAB AND UNDER FOOTING EARTHWORK PREPARATION REQUIREMENTS - (SEE 1/C.DT.2).
14. THICKENED EDGE CONCRETE SIDEWALK ADJACENT TO BOCCE BALL COURTS (AROUND COMPLETE COURT PERIMETER) - (SEE 1/C.DT.3).
15. NO USED.
16. ONSITE ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.3).
17. STORM DRAIN - SEE "C.SD" SHEETS.
18. CONSTRUCT SWALE WITH POSITIVE DRAINAGE TO INLET AS SHOWN.
19. ADA PARKING, LOADING AREA AND ACCESSIBLE ROUTE TO BUILDING - GRADES IN THIS AREA SHALL NOT EXCEED 1.9% IN ANY DIRECTION. NON-CONFORMING WORK SHALL BE REMOVED AND REPLACED.
20. GRADE BREAK.
21. CONCRETE PEDESTRIAN RAMP PER ADA STANDARDS - SEE DETAIL 6/C.DT.4 FOR ADDITIONAL REQUIREMENTS). THE LONGITUDINAL SLOPE OF THE PEDESTRIAN RAMP SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. SLOPES. PROVIDE TRUNCATED DOMES PER ISPWC SD-712. TRUNCATED DOMES SHALL BE TRAFFIC YELLOW.
22. SHELTER - SEE ARCHITECTURAL PLANS FOR REQUIREMENTS.
23. COMMUNITY GARDEN EARTHWORK - (SEE C.DT.2).
24. GRASS PAVERS - SEE LANDSCAPE PLANS FOR PAVER REQUIREMENTS. SEE DETAIL 5/C.DT.9 FOR SUBGRADE PREPARATION AND BASE ROCK REQUIREMENTS.

Curb & Gutter Legend

═	6" VERTICAL CURB AND GUTTER (TBC) - (SEE 1/C.DT.0)
▨	6" REVERSE VERTICAL CURB AND GUTTER (TBCR) - (SEE 2/C.DT.0)
▨	PROVIDE SMOOTH TRANSITION OF GUTTER PLATE FROM TBCR TO TBC

Notes

1. ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK AND THE LICENSE AGREEMENT FOR THE WORK. CONTRACTOR SHALL OBTAIN A COPY OF SAID DEVELOPER'S HANDBOOK AND LICENSE AGREEMENT PRIOR TO BID - NO SEPARATE PAYMENT SHALL BE MADE. PROVIDE WILLIAMS PIPELINE 48-HOURS NOTICE PRIOR TO PERFORMING ANY WORK WITHIN THE WILLIAMS PIPELINE EASEMENT. A REPRESENTATIVE FROM WILLIAMS PIPELINE SHALL BE ONSITE AT ALL TIMES WHILE WORK IS BEING PERFORMED WITHIN SAID EASEMENT
2. SEE SHEET C.DT.2 AND THE PROJECT GEOTECHNICAL REPORT FOR EARTHWORK REQUIREMENTS.
3. SEE ELECTRICAL PLANS FOR SITE LIGHTING REQUIREMENTS.
4. ALL PEDESTRIAN RAMPS SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN RAMPS SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX LONGITUDINAL SLOPE, OR CROSS SLOPE. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
5. ALL SIDEWALKS ARE PEDESTRIAN ROUTES AND SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN ROUTES (EXCLUDING CURB RAMPS) SHALL NOT BE GREATER THAN 5.0%; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. LONGITUDINAL SLOPE OR CROSS SLOPES. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
6. SAWCUT EDGES AT PAVEMENT MATCH LOCATIONS SHALL BE SHARP, CLEAN, UNDAMAGED EDGES. DAMAGED ASPHALT PAVEMENT EDGES SHALL BE RE-SAWCUT PARALLEL TO THE SAWCUT LINES SHOWN WITHOUT JOGS OR NEW ANGLE POINTS. NO SEPARATE PAYMENT SHALL BE MADE FOR ADDITIONAL SAWCUT OR PAVEMENT REPAIR.
7. RIM ELEVATIONS SHOWN ARE AT THE CENTER OF THE COVER - COVER SHALL SLOPE TO MATCH SURROUNDING GRADES.
8. TRANSITIONS BETWEEN STANDARD GUTTER PLATE CURB (TBC) AND REVERSE GUTTER PLATE CURB (TBCR) SHALL BE SMOOTH WITH NO STANDING WATER PERMITTED IN CURB LINE.

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifical-ly and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
10813
1-11-22
ROSS K. ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

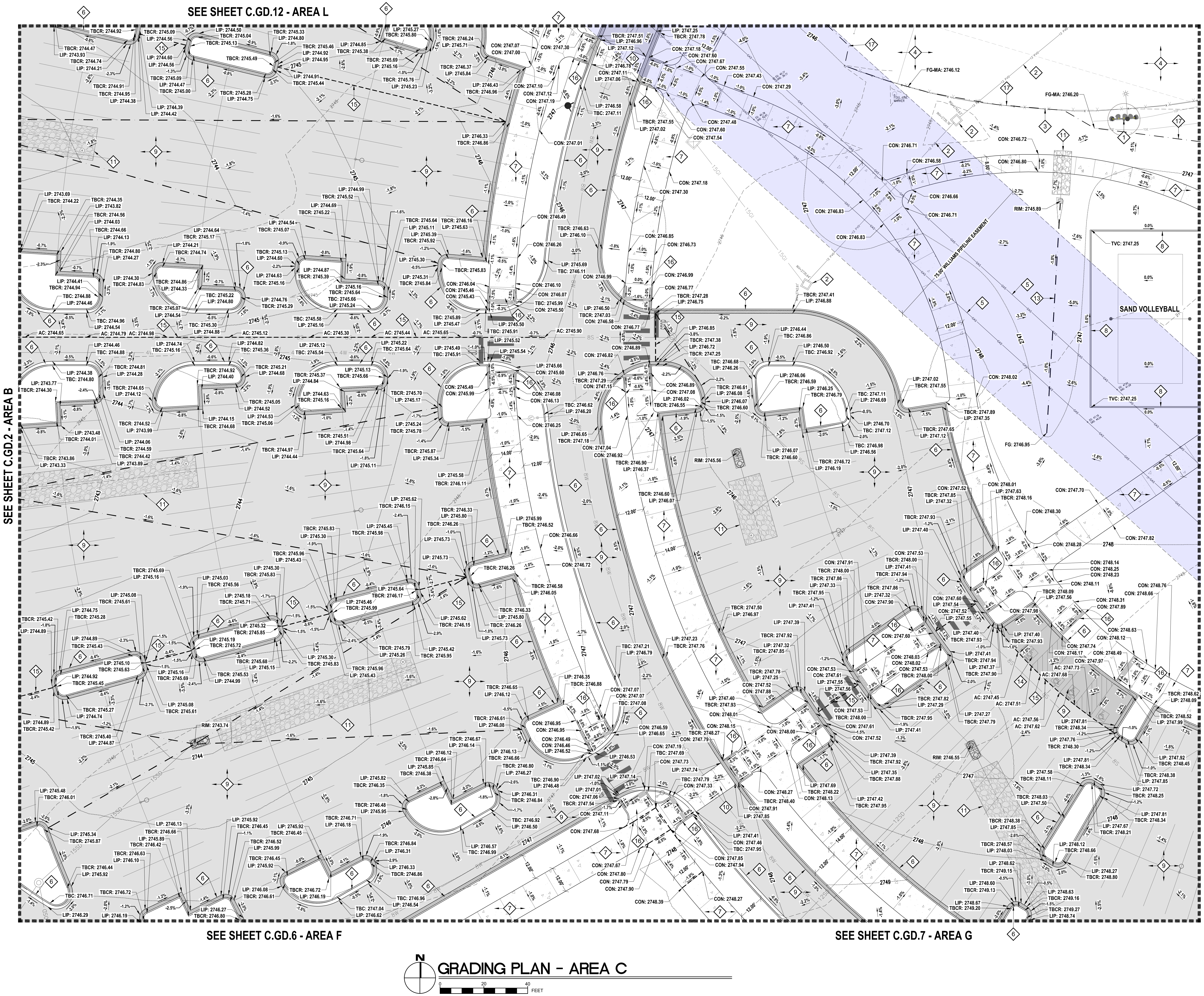
NO.	REVISION	DATE

SHEET TITLE:
GRADING PLAN - AREA A

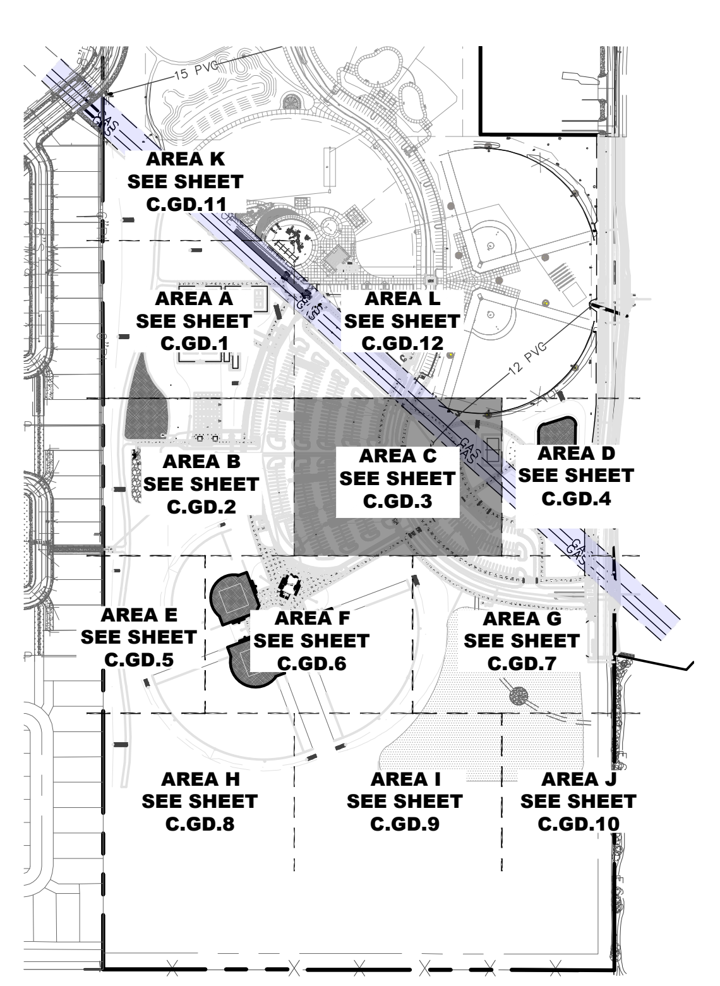
PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.GD.1


SEE SHEET C.GD.12 - AREA L
SEE SHEET C.GD.2 - AREA B
SEE SHEET C.GD.4 - AREA D
SEE SHEET C.GD.6 - AREA F
SEE SHEET C.GD.7 - AREA G
SAND VOLLEYBALL
75.00' WILLIAMS PIPELINE EASEMENT
N
0
20
40
FEET

GRADING PLAN - AREA C



GRADING SHEET AREA KEY

Keyed Notes

1. RETAIN & PROTECT EXISTING LIGHT AND ASSOCIATED UNDERGROUND.
2. RETAIN & PROTECT EXISTING GRAVITY IRRIGATION.
3. RETAIN & PROTECT EXISTING FENCE.
4. RETAIN & PROTECT EXISTING PHASE 1 PARK IMPROVEMENTS.
5. RETAIN & PROTECT EXISTING WILLIAMS PIPELINE GAS LINES - ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
6. CURB & GUTTER - SEE CURB AND GUTTER LEGEND FOR CURB TYPE.
7. ONSITE CONCRETE SIDEWALK - (SEE 6/C.DT.0).
8. 6" VERTICAL CURB - SAND VOLLEYBALL, TVC - (SEE 8/C.DT.0).
9. ONSITE ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.3).
10. ONSITE RIGID CONCRETE PAVEMENT SECTION - (SEE 2/C.DT.3).
11. STORM DRAIN - SEE "C.SD" SHEETS.
12. NOT USED.
13. CONSTRUCT SWALE WITH POSITIVE DRAINAGE TO INLET AS SHOWN.
14. ADA PARKING, LOADING AREA AND ACCESSIBLE ROUTE TO BUILDING - GRADES IN THIS AREA SHALL NOT EXCEED 1.9% IN ANY DIRECTION. NON-CONFORMING WORK SHALL BE REMOVED AND REPLACED.
15. GRADE BREAK.
16. CONCRETE PEDESTRIAN RAMP PER ADA STANDARDS - SEE DETAIL 6/C.DT.4 FOR ADDITIONAL REQUIREMENTS. THE LONGITUDINAL SLOPE OF THE PEDESTRIAN RAMP SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. SLOPES. PROVIDE TRUNCATED DOMES PER ISPWC SD-712. TRUNCATED DOMES SHALL BE TRAFFIC YELLOW.
17. APPROXIMATE GRADING LIMIT.

Curb & Gutter Legend

═	6" VERTICAL CURB AND GUTTER (TBC) - (SEE 1/C.DT.0)
▨	6" REVERSE VERTICAL CURB AND GUTTER (TBCR) - (SEE 2/C.DT.0)
◺	PROVIDE SMOOTH TRANSITION OF GUTTER PLATE FROM TBCR TO TBC

Notes

1. ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK AND THE LICENSE AGREEMENT FOR THE WORK. CONTRACTOR SHALL OBTAIN A COPY OF SAID DEVELOPER'S HANDBOOK AND LICENSE AGREEMENT PRIOR TO BID - NO SEPARATE PAYMENT SHALL BE MADE. PROVIDE WILLIAMS PIPELINE 48-HOURS NOTICE PRIOR TO PERFORMING ANY WORK WITHIN THE WILLIAMS PIPELINE EASEMENT. A REPRESENTATIVE FROM WILLIAMS PIPELINE SHALL BE ONSITE AT ALL TIMES WHILE WORK IS BEING PERFORMED WITHIN SAID EASEMENT.
2. SEE SHEET C.DT.2 AND THE PROJECT GEOTECHNICAL REPORT FOR EARTHWORK REQUIREMENTS.
3. SEE ELECTRICAL PLANS FOR SITE LIGHTING REQUIREMENTS.
4. ALL PEDESTRIAN RAMPS SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN RAMPS SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX LONGITUDINAL SLOPE, OR CROSS SLOPE. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
5. ALL SIDEWALKS ARE PEDESTRIAN ROUTES AND SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN ROUTES (EXCLUDING CURB RAMPS) SHALL NOT BE GREATER THAN 5.0%; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. LONGITUDINAL SLOPE OR CROSS SLOPES. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
6. SAWCUT EDGES AT PAVEMENT MATCH LOCATIONS SHALL BE SHARP, CLEAN, UNDAMAGED EDGES. DAMAGED ASPHALT PAVEMENT EDGES SHALL BE RE-SAWCUT PARALLEL TO THE SAWCUT LINES SHOWN WITHOUT JOGS OR NEW ANGLE POINTS. NO SEPARATE PAYMENT SHALL BE MADE FOR ADDITIONAL SAWCUT OR PAVEMENT REPAIR.
7. RIM ELEVATIONS SHOWN ARE AT THE CENTER OF THE COVER - COVER SHALL SLOPE TO MATCH SURROUNDING GRADES.
8. TRANSITIONS BETWEEN STANDARD GUTTER PLATE CURB (TBC) AND REVERSE GUTTER PLATE CURB (TBCR) SHALL BE SMOOTH WITH NO STANDING WATER PERMITTED IN CURB LINE.

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name ____ - ____ Date ____ - ____

Plans Are Accepted For Public Street Construction

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY ____ - ____ DATE: ____ - ____
ADA COUNTY HIGHWAY DISTRICT

811
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48-HOURS
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1-800-342-1585

OWNER:
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PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson
civil

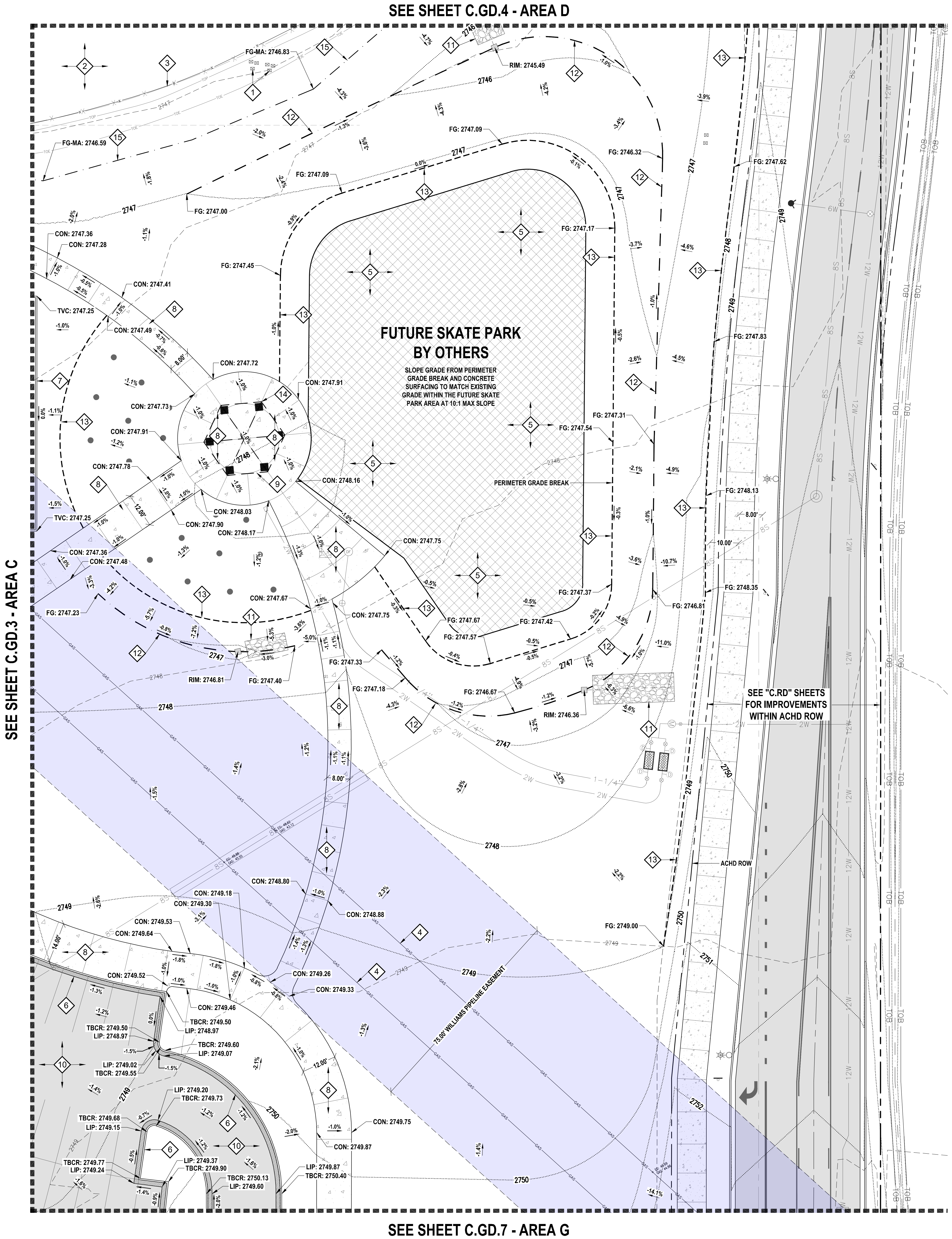
NO.	REVISION	DATE

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

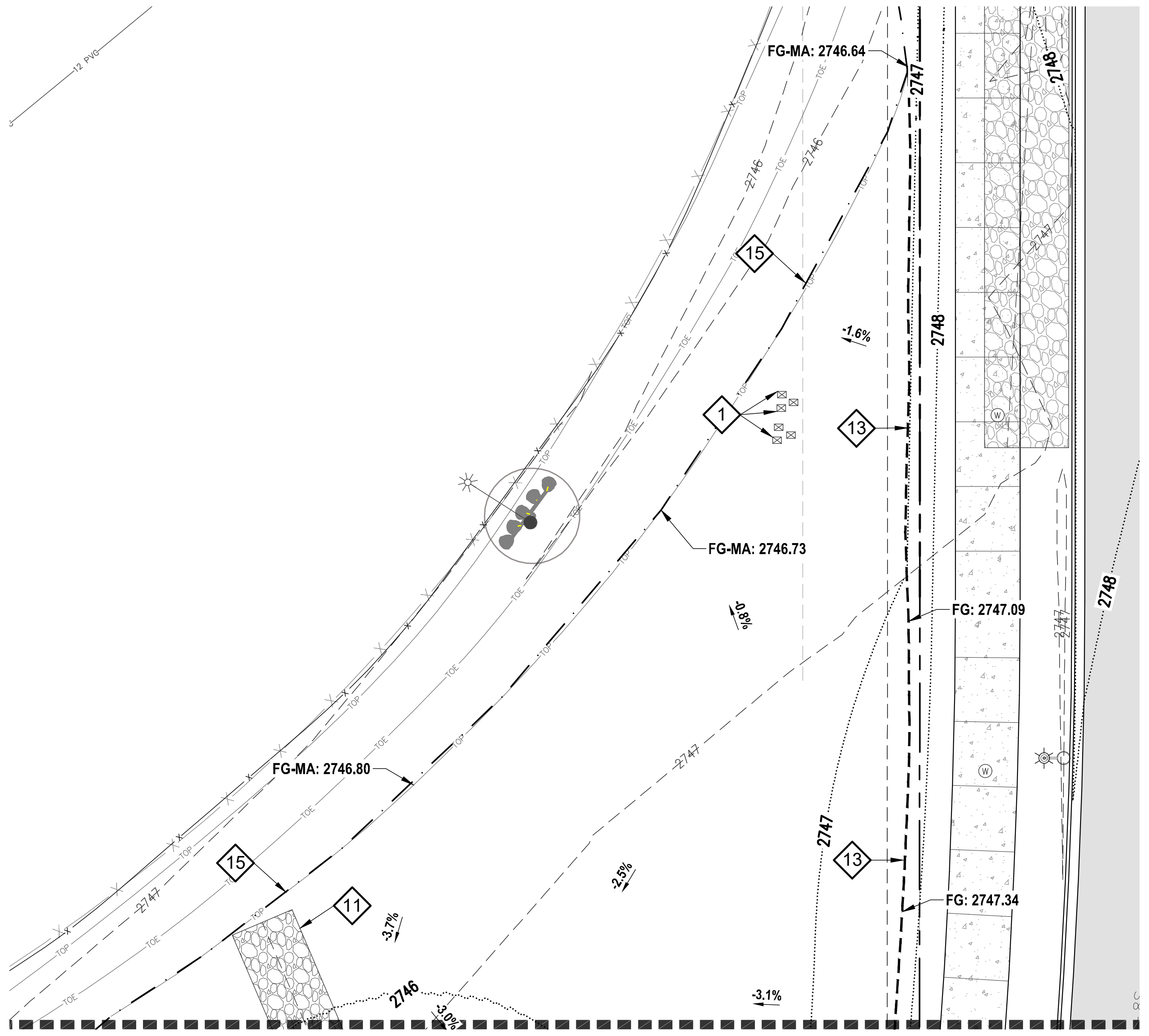
SHEET TITLE:
GRADING PLAN - AREA C

JOB NUMBER:
IDB19075
DATE: 09/29/21

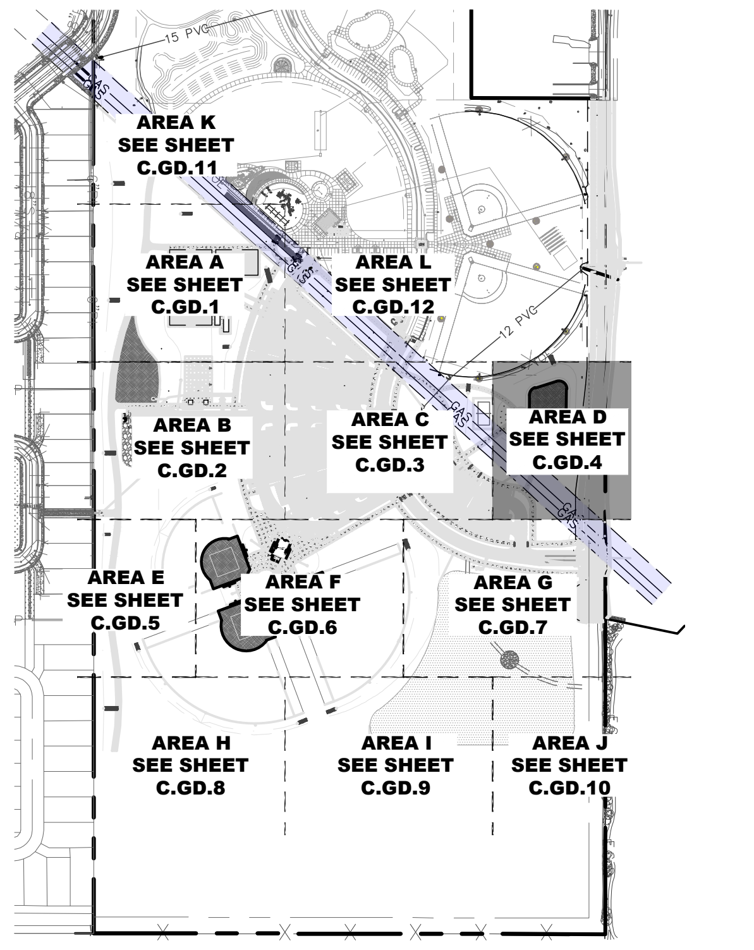
SHEET NUMBER:
C.GD.3



GRADING PLAN - AREA D



SEE SHEET C.GD.4 - AREA D



GRADING SHEET AREA KEY

Keyed Notes

1. RETAIN & PROTECT EXISTING PRESSURE IRRIGATION.
2. RETAIN & PROTECT EXISTING PHASE 1 PARK IMPROVEMENTS.
3. RETAIN & PROTECT EXISTING FENCE.
4. RETAIN & PROTECT EXISTING WILLIAMS PIPELINE GAS LINES - ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
5. FUTURE SKATE PARK - NO WORK IN THIS LIMIT.
6. CURB & GUTTER - SEE CURB AND GUTTER LEGEND FOR CURB TYPE.
7. 6" VERTICAL CURB - SAND VOLLEYBALL, TVC - (SEE 8/C.DT.0).
8. ONSITE CONCRETE SIDEWALK - (SEE 6/C.DT.0).
9. UNDER SLAB AND UNDER FOOTING EARTHWORK PREPARATION REQUIREMENTS - (SEE 1/C.DT.2).
10. ONSITE ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.3).
11. STORM DRAIN - SEE "C.SD" SHEETS.
12. CONSTRUCT SWALE WITH POSITIVE DRAINAGE TO INLET AS SHOWN.
13. GRADE BREAK.
14. SHELTER - SEE ARCHITECTURAL PLANS FOR REQUIREMENTS.
15. APPROXIMATE GRADING LIMIT.

Curb & Gutter Legend

═	6" VERTICAL CURB AND GUTTER (TBC) - (SEE 1/C.DT.0)
▨	6" REVERSE VERTICAL CURB AND GUTTER (TBCR) - (SEE 2/C.DT.0)
◺	PROVIDE SMOOTH TRANSITION OF GUTTER PLATE FROM TBCR TO TBC

Notes

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3. SEE ELECTRICAL PLANS FOR SITE LIGHTING REQUIREMENTS.
4. ALL PEDESTRIAN RAMPS SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN RAMPS SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX LONGITUDINAL SLOPE, OR CROSS SLOPE. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
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8. TRANSITIONS BETWEEN STANDARD GUTTER PLATE CURB (TBC) AND REVERSE GUTTER PLATE CURB (TBCR) SHALL BE SMOOTH WITH NO STANDING WATER PERMITTED IN CURB LINE.

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Name ______ - ______ Date ______ - ______

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY ______ - ______ DATE: ______ - ______
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson
civil

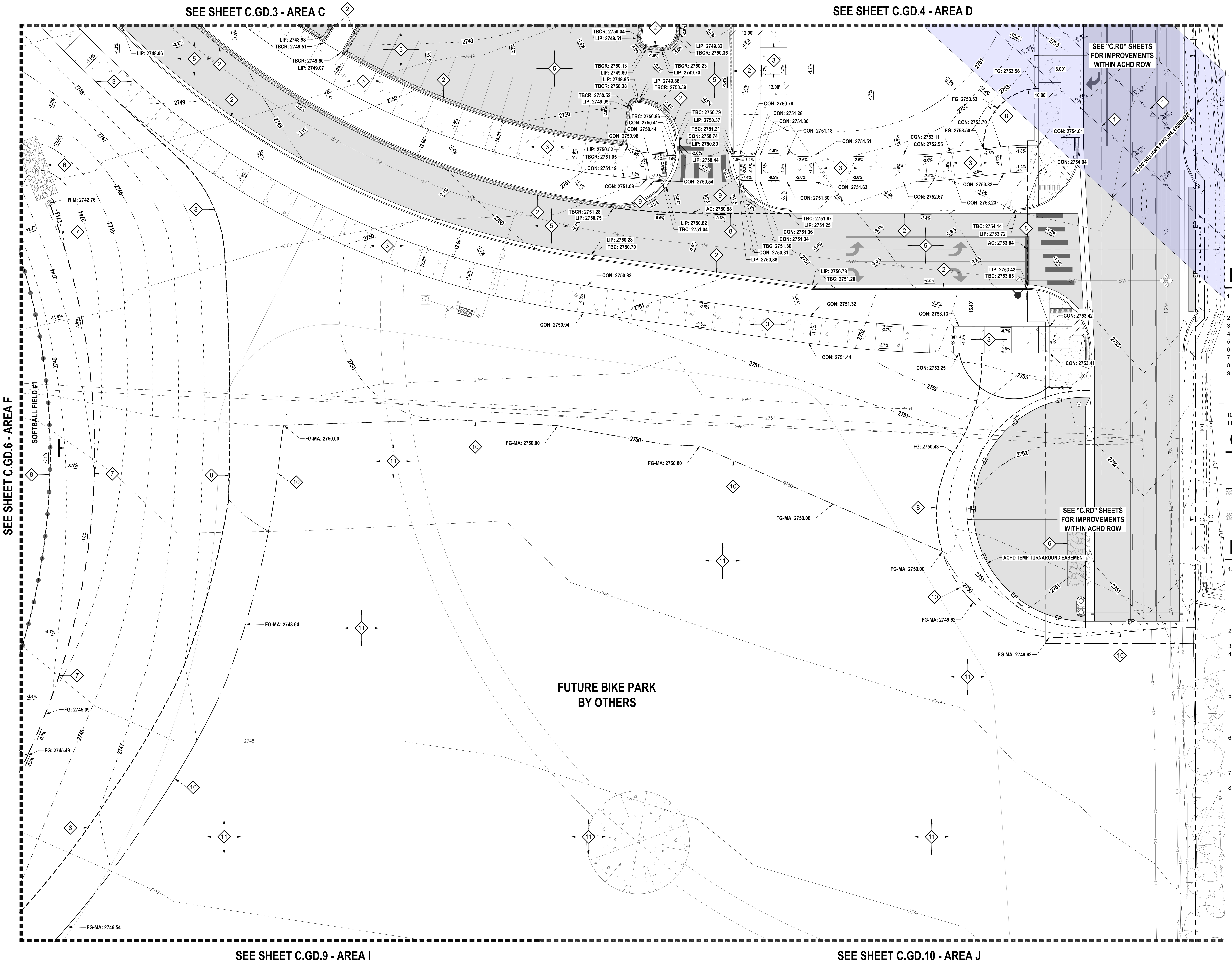
NO.	REVISION	DATE

SHEET TITLE:
GRADING PLAN - AREA D

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

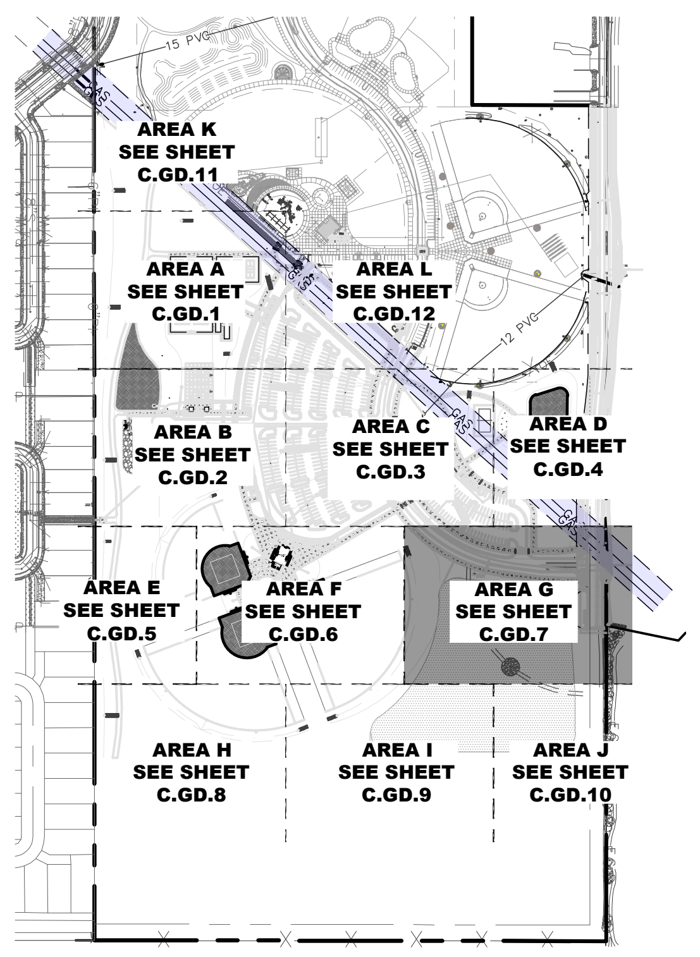
JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.GD.4



GRADING PLAN - AREA G

0 20 40
FEET



GRADING SHEET AREA KEY

Keyed Notes

1. RETAIN & PROTECT EXISTING WILLIAMS PIPELINE GAS LINES - ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
2. CURB & GUTTER - SEE CURB AND GUTTER LEGEND FOR CURB TYPE.
3. ONSITE CONCRETE SIDEWALK - (SEE 6/C.DT.0).
4. NOT USED.
5. ONSITE ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.3).
6. STORM DRAIN - SEE "C.SD" SHEETS.
7. CONSTRUCT SWALE WITH POSITIVE DRAINAGE TO INLET AS SHOWN.
8. GRADE BREAK.
9. CONCRETE PEDESTRIAN RAMP PER ADA STANDARDS - SEE DETAIL 6/C.DT.4 FOR ADDITIONAL REQUIREMENTS. THE LONGITUDINAL SLOPE OF THE PEDESTRIAN RAMP SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. SLOPES. PROVIDE TRUNCATED DOMES PER ISPWC SD-712. TRUNCATED DOMES SHALL BE TRAFFIC YELLOW.
10. APPROXIMATE GRADING LIMIT.
11. FUTURE BIKE PARK - NO WORK IN THIS AREA.

Curb & Gutter Legend

═	6" VERTICAL CURB AND GUTTER (TBC) - (SEE 1/C.DT.0)
▨	6" REVERSE VERTICAL CURB AND GUTTER (TBCR) - (SEE 2/C.DT.0)
◢	PROVIDE SMOOTH TRANSITION OF GUTTER PLATE FROM TBCR TO TBC

Notes

1. ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK AND THE LICENSE AGREEMENT FOR THE WORK. CONTRACTOR SHALL OBTAIN A COPY OF SAID DEVELOPER'S HANDBOOK AND LICENSE AGREEMENT PRIOR TO BID - NO SEPARATE PAYMENT SHALL BE MADE. PROVIDE WILLIAMS PIPELINE 48-HOURS NOTICE PRIOR TO PERFORMING ANY WORK WITHIN THE WILLIAMS PIPELINE EASEMENT. A REPRESENTATIVE FROM WILLIAMS PIPELINE SHALL BE ONSITE AT ALL TIMES WHILE WORK IS BEING PERFORMED WITHIN SAID EASEMENT.
2. SEE SHEET C.DT.2 AND THE PROJECT GEOTECHNICAL REPORT FOR EARTHWORK REQUIREMENTS.
3. SEE ELECTRICAL PLANS FOR SITE LIGHTING REQUIREMENTS.
4. ALL PEDESTRIAN RAMPS SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN RAMPS SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX LONGITUDINAL SLOPE, OR CROSS SLOPE. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
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MERIDIAN IDAHO

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BY ____ - ____ DATE: ____ - ____
ADA COUNTY HIGHWAY DISTRICT

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48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

NO.	REVISION	DATE

SHEET TITLE:
GRADING PLAN - AREA G

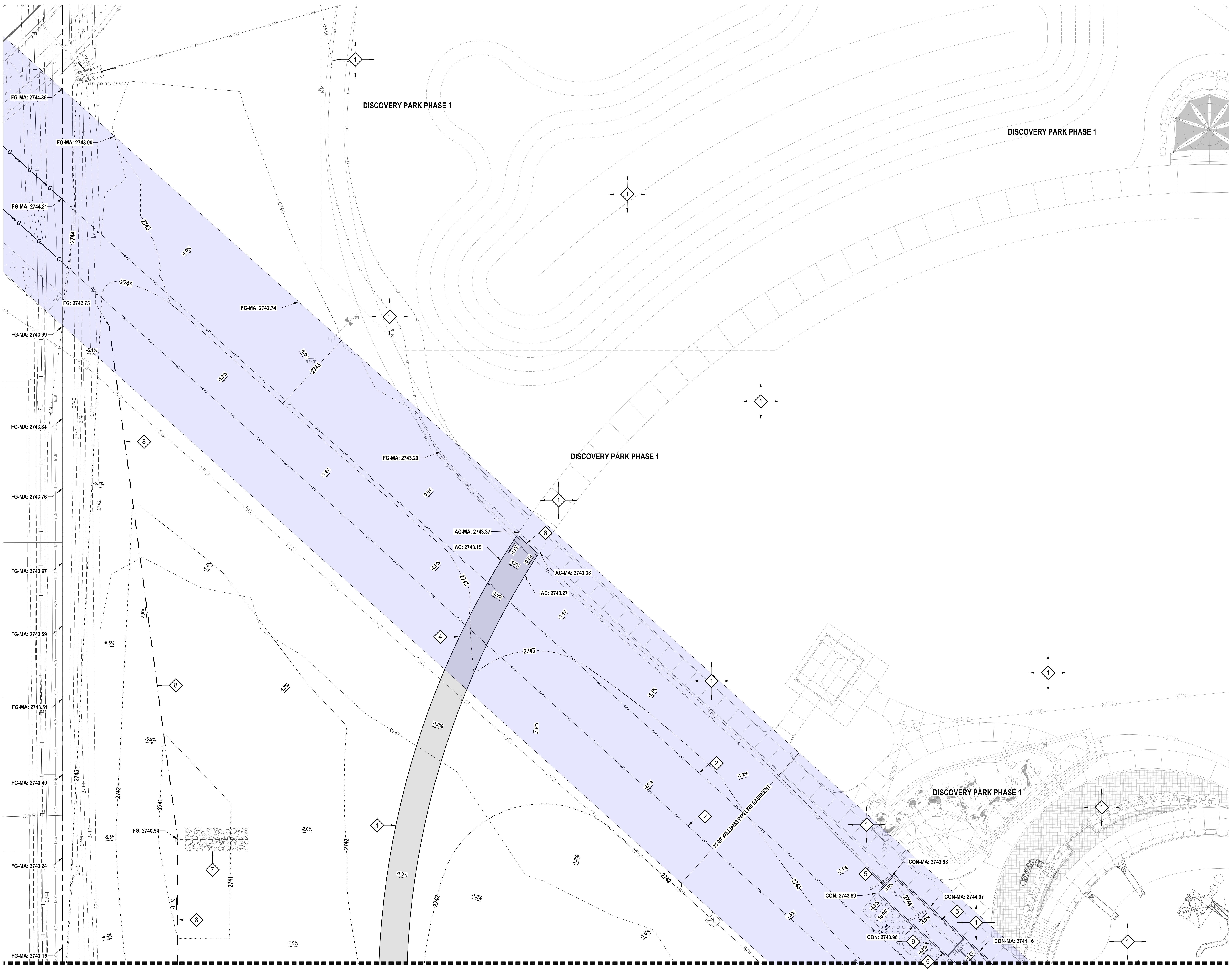
PROJECT MANAGER:
-

PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956

DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

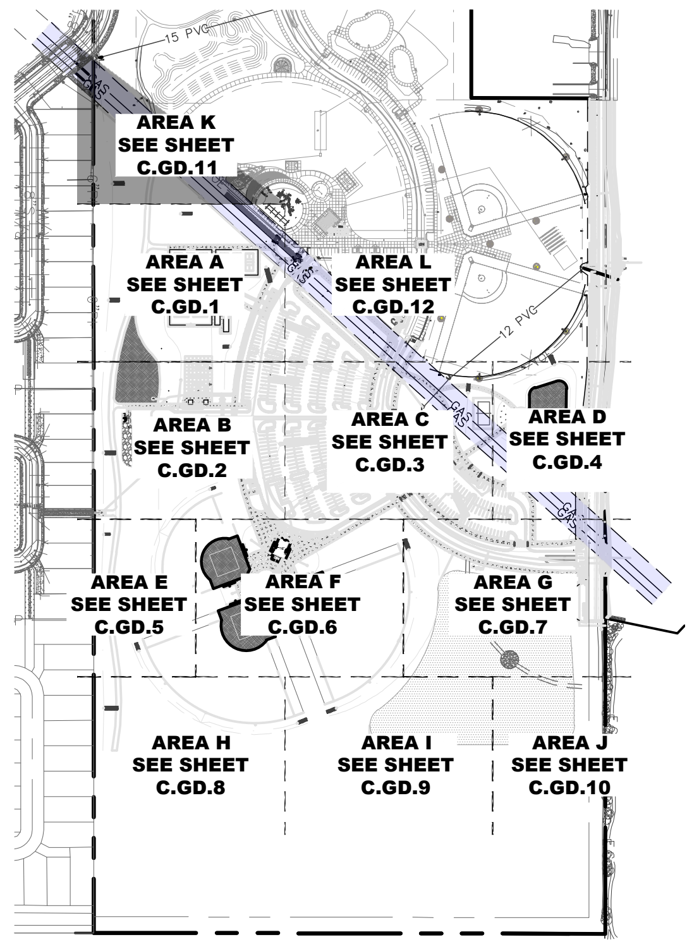
SHEET NUMBER:
C.GD.7



SEE SHEET C.GD.1 - AREA A

GRADING PLAN - AREA K

0 20 40 FEET



GRADING SHEET AREA KEY

Keyed Notes

1. RETAIN & PROTECT EXISTING PHASE 1 PARK IMPROVEMENTS.
2. RETAIN & PROTECT EXISTING WILLIAMS PIPELINE GAS LINES - ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
3. NOT USED.
4. ASPHALT PATHWAY - (SEE 5/C.DT.1).
5. CONCRETE RIBBON CURB - 40 YD DASH - (SEE 6/C.DT.1).
6. SAWCUT AND MATCH EXISTING PAVEMENT.
7. STORM DRAIN - SEE "C.SD" SHEETS.
8. CONSTRUCT SWALE WITH POSITIVE DRAINAGE TO INLET AS SHOWN.
9. GRASS PAVERS - SEE LANDSCAPE PLANS FOR PAVER REQUIREMENTS. SEE DETAIL 5/C.DT.9 FOR SUBGRADE PREPARATION AND BASE ROCK REQUIREMENTS.

Curb & Gutter Legend

═	6" VERTICAL CURB AND GUTTER (TBC) - (SEE 1/C.DT.0)
▨	6" REVERSE VERTICAL CURB AND GUTTER (TBCR) - (SEE 2/C.DT.0)
▨	PROVIDE SMOOTH TRANSITION OF GUTTER PLATE FROM TBCR TO TBC

Notes

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3. SEE ELECTRICAL PLANS FOR SITE LIGHTING REQUIREMENTS.
4. ALL PEDESTRIAN RAMPS SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN RAMPS SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX LONGITUDINAL SLOPE, OR CROSS SLOPE. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
5. ALL SIDEWALKS ARE PEDESTRIAN ROUTES AND SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN ROUTES (EXCLUDING CURB RAMPS) SHALL NOT BE GREATER THAN 5.0%; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. LONGITUDINAL SLOPE OR CROSS SLOPES. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
6. SAWCUT EDGES AT PAVEMENT MATCH LOCATIONS SHALL BE SHARP, CLEAN, UNDAMAGED EDGES. DAMAGED ASPHALT PAVEMENT EDGES SHALL BE RE-SAWCUT PARALLEL TO THE SAWCUT LINES SHOWN WITHOUT JOGS OR NEW ANGLE POINTS. NO SEPARATE PAYMENT SHALL BE MADE FOR ADDITIONAL SAWCUT OR PAVEMENT REPAIR.
7. RIM ELEVATIONS SHOWN ARE AT THE CENTER OF THE COVER - COVER SHALL SLOPE TO MATCH SURROUNDING GRADES.
8. TRANSITIONS BETWEEN STANDARD GUTTER PLATE CURB (TBC) AND REVERSE GUTTER PLATE CURB (TBCR) SHALL BE SMOOTH WITH NO STANDING WATER PERMITTED IN CURB LINE.

APPROVED FOR CONSTRUCTION

MERIDIAN IDAHO

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

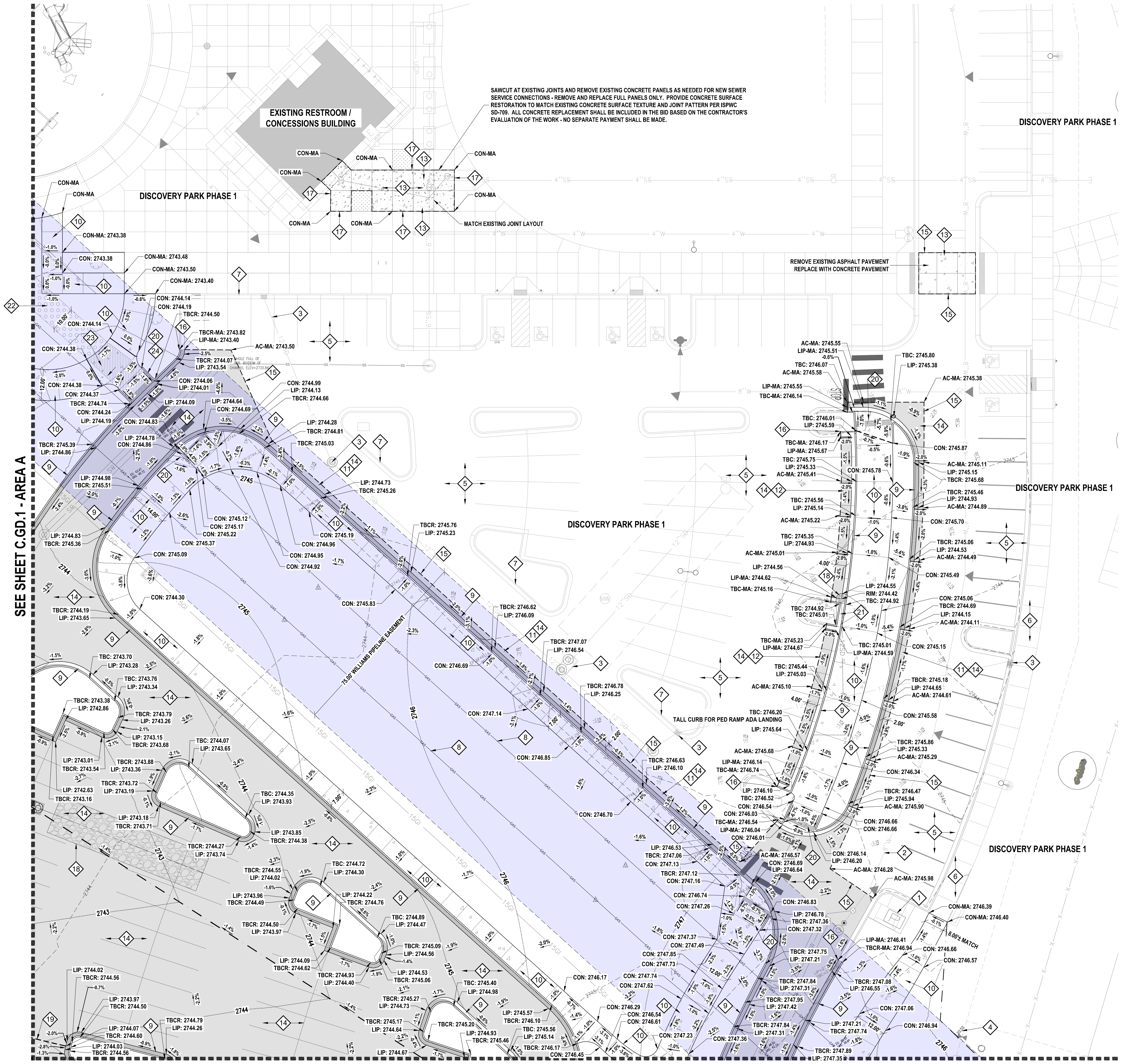
NO.	REVISION	DATE

SHEET TITLE:
GRADING PLAN - AREA K

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

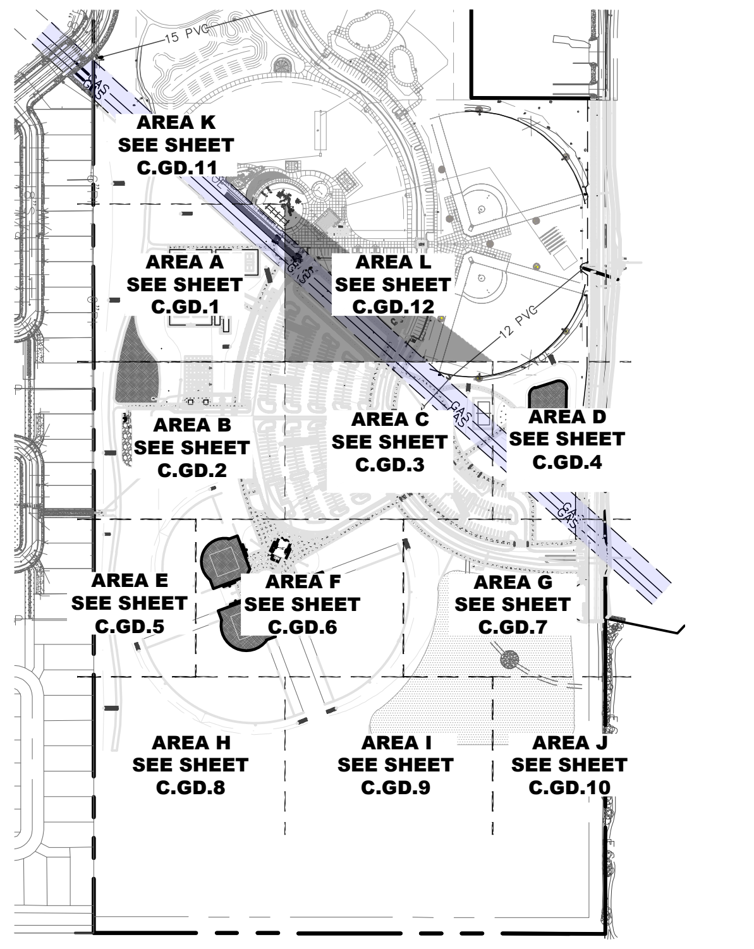
JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.GD.11


EXISTING RESTROOM / CONCESSIONS BUILDING
SAWCUT AT EXISTING JOINTS AND REMOVE EXISTING CONCRETE PANELS AS NEEDED FOR NEW SEWER SERVICE CONNECTIONS - REMOVE AND REPLACE FULL PANELS ONLY. PROVIDE CONCRETE SURFACE RESTORATION TO MATCH EXISTING CONCRETE SURFACE TEXTURE AND JOINT PATTERN PER ISPWC SD-709. ALL CONCRETE REPLACEMENT SHALL BE INCLUDED IN THE BID BASED ON THE CONTRACTOR'S EVALUATION OF THE WORK - NO SEPARATE PAYMENT SHALL BE MADE.
CON-MA
MATCH EXISTING JOINT LAYOUT
DISCOVERY PARK PHASE 1
REMOVE EXISTING ASPHALT PAVEMENT REPLACE WITH CONCRETE PAVEMENT
TALL CURB FOR PED RAMP ADA LANDING
75.00' WILLIAMS PIPELINE EASEMENT
SEE SHEET C.GD.1 - AREA A
SEE SHEET C.GD.3 - AREA C
CON-MA: 2743.38
CON: 2743.38
CON-MA: 2743.48
CON-MA: 2743.50
CON-MA: 2743.40
CON: 2744.14
CON: 2744.19
TBCR: 2744.50
TBCR-MA: 2743.82
LIP-MA: 2743.40
AC-MA: 2743.50
AC-MA: 2745.55
LIP-MA: 2745.51
TBC: 2746.07
AC-MA: 2745.58
TBC: 2745.80
LIP: 2745.38
AC-MA: 2745.38
RIM: 2744.42
8.00% MATCH
2744
2745
2746
2747
15GI

GRADING PLAN - AREA L

0 20 40
FEET



GRADING SHEET AREA KEY

Keyed Notes

1. RETAIN & PROTECT EXISTING POWER.
2. RETAIN & PROTECT EXISTING WATER.
3. RETAIN & PROTECT EXISTING STORM DRAIN.
4. RETAIN & PROTECT EXISTING PRESSURE IRRIGATION.
5. RETAIN & PROTECT EXISTING PAVEMENT.
6. RETAIN & PROTECT EXISTING CURB, GUTTER AND SIDEWALK.
7. RETAIN & PROTECT EXISTING CURB AND GUTTER.
8. RETAIN & PROTECT EXISTING WILLIAMS PIPELINE GAS LINES - ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
9. CURB & GUTTER - SEE CURB AND GUTTER LEGEND FOR CURB TYPE.
10. ONSITE CONCRETE SIDEWALK - (SEE 6/C.DT.0).
11. ASPHALT PATCH SHALL SLOPE DOWNWARD AWAY FROM CURB LINE @1.0 %- 4.0%. CONTRACTOR SHALL FIELD VERIFY AND CONFIRM THAT REQUIRED PAVEMENT SLOPES WILL BE ACHIEVED BASED ON THE DESIGN CURB AND MATCH ASPHALT ELEVATIONS PROVIDED PRIOR TO START OF CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF PLAN ADJUSTMENTS ARE REQUIRED TO ACHIEVE THE REQUIRED PATCH SLOPES - NO SEPARATE PAYMENT SHALL BE PROVIDED TO CONTRACTOR FOR GRADE ADJUSTMENTS.
12. ASPHALT PATCH SHALL SLOPE DOWNWARD TOWARD THE CURB LINE @1.0 %- 4.0%. CONTRACTOR SHALL FIELD VERIFY AND CONFIRM THAT REQUIRED PAVEMENT SLOPES WILL BE ACHIEVED BASED ON THE DESIGN CURB AND MATCH ASPHALT ELEVATIONS PROVIDED PRIOR TO START OF CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF PLAN ADJUSTMENTS ARE REQUIRED TO ACHIEVE THE REQUIRED PATCH SLOPES - NO SEPARATE PAYMENT SHALL BE PROVIDED TO CONTRACTOR FOR GRADE ADJUSTMENTS.
13. ONSITE RIGID CONCRETE PAVEMENT SECTION - (SEE 2/C.DT.3).
14. ONSITE ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.3).
15. SAWCUT AND MATCH EXISTING PAVEMENT.
16. SAWCUT AND MATCH EXISTING CURB.
17. SAWCUT AND MATCH EXISTING CONCRETE.
18. STORM DRAIN - SEE "C.SD" SHEETS.
19. GRADE BREAK.
20. CONCRETE PEDESTRIAN RAMP PER ADA STANDARDS - SEE DETAIL 6/C.DT.4 FOR ADDITIONAL REQUIREMENTS. THE LONGITUDINAL SLOPE OF THE PEDESTRIAN RAMP SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. SLOPES. PROVIDE TRUNCATED DOMES PER ISPWC SD-712. TRUNCATED DOMES SHALL BE TRAFFIC YELLOW.
21. CONSTRUCT 18" WIDE GUTTER THROUGH ISLAND WITH POSITIVE DRAINAGE TO INLET.
22. GRASS PAVERS - SEE LANDSCAPE PLANS FOR PAVER REQUIREMENTS. SEE DETAIL 5/C.DT.9 FOR SUBGRADE PREPARATION AND BASE ROCK REQUIREMENTS.
23. ONSITE RIGID CONCRETE PAVEMENT SECTION WITHIN HATCHED AREA TO ALIGN WITH GRASS PAVERS - SEE 2/C.DT.3.
24. 6" THICKNESS CONCRETE PEDESTRIAN RAMP WITH 13X13-D5XD5 WELDED WIRE FABRIC.

Curb & Gutter Legend

═	6" VERTICAL CURB AND GUTTER (TBC) - (SEE 1/C.DT.0)
▨	6" REVERSE VERTICAL CURB AND GUTTER (TBCR) - (SEE 2/C.DT.0)
▨	PROVIDE SMOOTH TRANSITION OF GUTTER PLATE FROM TBCR TO TBC

Notes

1. ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK AND THE LICENSE AGREEMENT FOR THE WORK. CONTRACTOR SHALL OBTAIN A COPY OF SAID DEVELOPER'S HANDBOOK AND LICENSE AGREEMENT PRIOR TO BID - NO SEPARATE PAYMENT SHALL BE MADE. PROVIDE WILLIAMS PIPELINE 48-HOURS NOTICE PRIOR TO PERFORMING ANY WORK WITHIN THE WILLIAMS PIPELINE EASEMENT. A REPRESENTATIVE FROM WILLIAMS PIPELINE SHALL BE ONSITE AT ALL TIMES WHILE WORK IS BEING PERFORMED WITHIN SAID EASEMENT.
2. SEE SHEET C.DT.2 AND THE PROJECT GEOTECHNICAL REPORT FOR EARTHWORK REQUIREMENTS.
3. SEE ELECTRICAL PLANS FOR SITE LIGHTING REQUIREMENTS.
4. ALL PEDESTRIAN RAMPS SHALL COMPLY WITH ADA STANDARDS. THE LONGITUDINAL SLOPE OF PEDESTRIAN RAMPS SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX LONGITUDINAL SLOPE, OR CROSS SLOPE. NON COMPLYING WORK SHALL BE REMOVED AND REPLACED.
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7. RIM ELEVATIONS SHOWN ARE AT THE CENTER OF THE COVER - COVER SHALL SLOPE TO MATCH SURROUNDING GRADES.
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MERIDIAN IDAHO
APPROVED FOR CONSTRUCTION

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Name - Date -

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BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

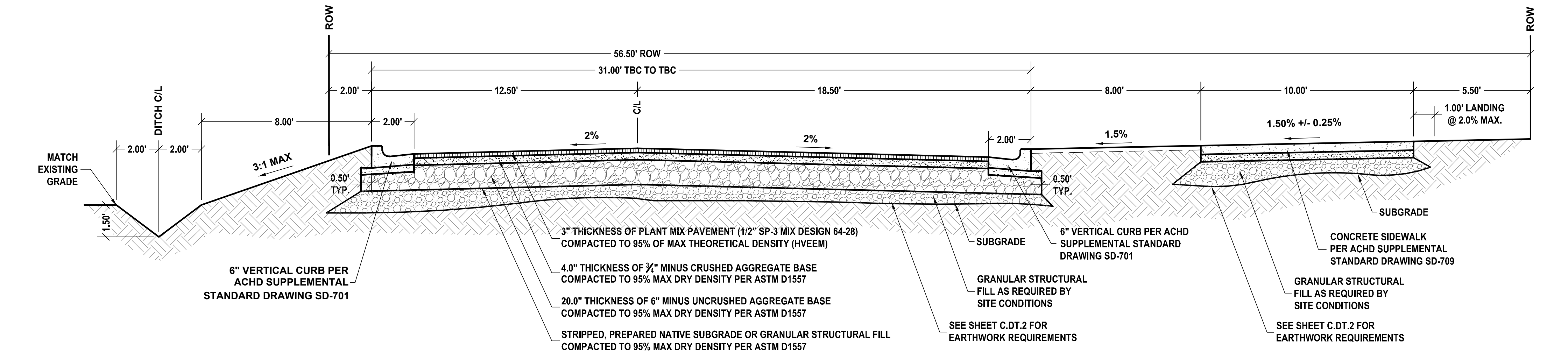
NO.	REVISION	DATE

PROJECT MANAGER: -
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

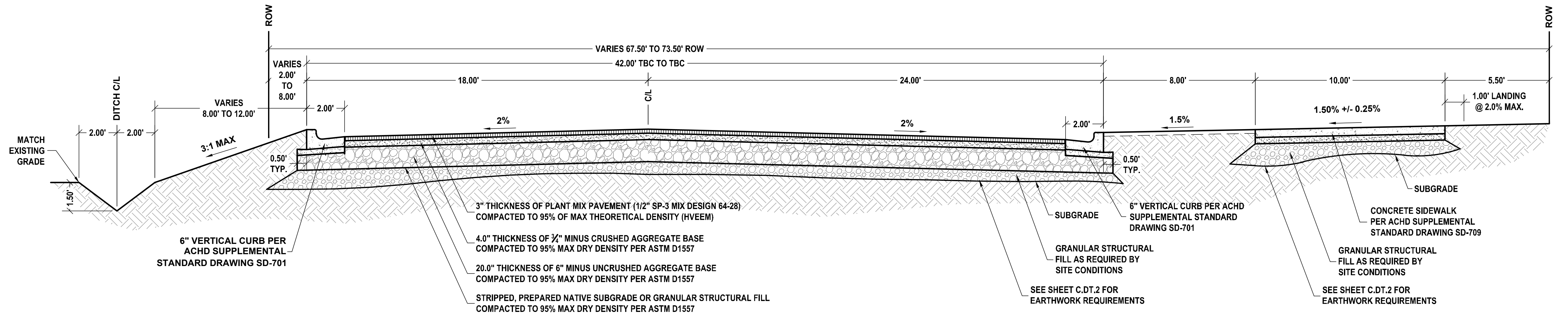
SHEET TITLE:
GRADING PLAN - AREA L

SHEET NUMBER:
C.GD.12


ROW
ROW
56.50' ROW
31.00' TBC TO TBC
2.00'
12.50'
18.50'
8.00'
10.00'
5.50'
DITCH C/L
8.00'
2.00'
C/L
1.00' LANDING @ 2.0% MAX.
1.50% +/- 0.25%
2.00'
2.00'
2%
2%
2.00'
1.5%
MATCH EXISTING GRADE
3:1 MAX
0.50' TYP.
0.50' TYP.
1.50'
3" THICKNESS OF PLANT MIX PAVEMENT (1/2" SP-3 MIX DESIGN 64-28) COMPACTED TO 95% OF MAX THEORETICAL DENSITY (HVEEM)
SUBGRADE
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
SUBGRADE
CONCRETE SIDEWALK PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-709
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
4.0" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
20.0" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
STRIPPED, PREPARED NATIVE SUBGRADE OR GRANULAR STRUCTURAL FILL COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

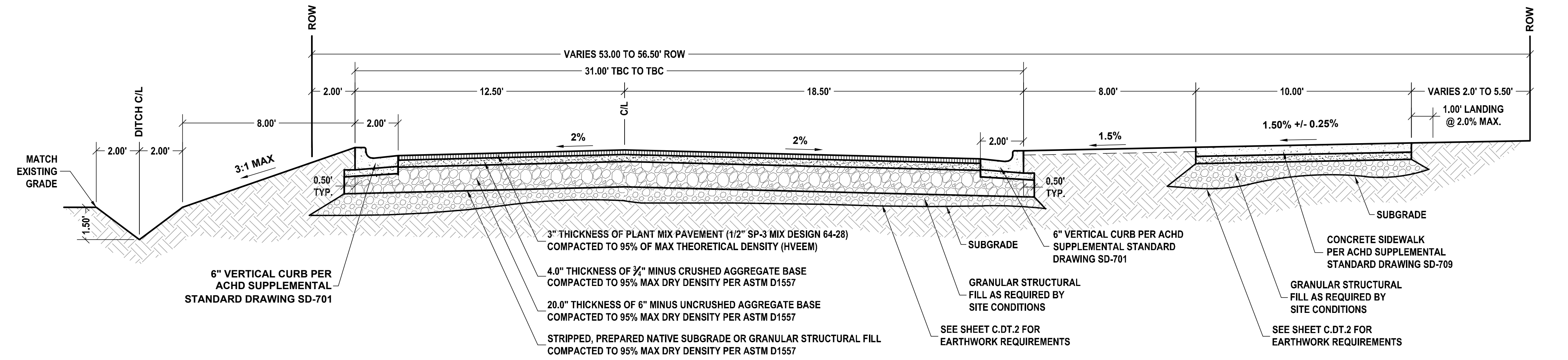
ROADWAY SECTION #1 - S. RECREATION AVE. STA 6+44.92 TO 8+22.09

1
C.RD.0


ROW
ROW
VARIES 67.50' TO 73.50' ROW
VARIES 2.00' TO 8.00'
42.00' TBC TO TBC
18.00'
24.00'
8.00'
10.00'
5.50'
DITCH C/L
VARIES 8.00' TO 12.00'
2.00'
C/L
1.00' LANDING @ 2.0% MAX.
1.50% +/- 0.25%
2%
2%
2.00'
1.5%
MATCH EXISTING GRADE
2.00'
2.00'
3:1 MAX
0.50' TYP.
0.50' TYP.
1.50'
3" THICKNESS OF PLANT MIX PAVEMENT (1/2" SP-3 MIX DESIGN 64-28) COMPACTED TO 95% OF MAX THEORETICAL DENSITY (HVEEM)
SUBGRADE
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
SUBGRADE
CONCRETE SIDEWALK PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-709
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
4.0" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
20.0" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
STRIPPED, PREPARED NATIVE SUBGRADE OR GRANULAR STRUCTURAL FILL COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

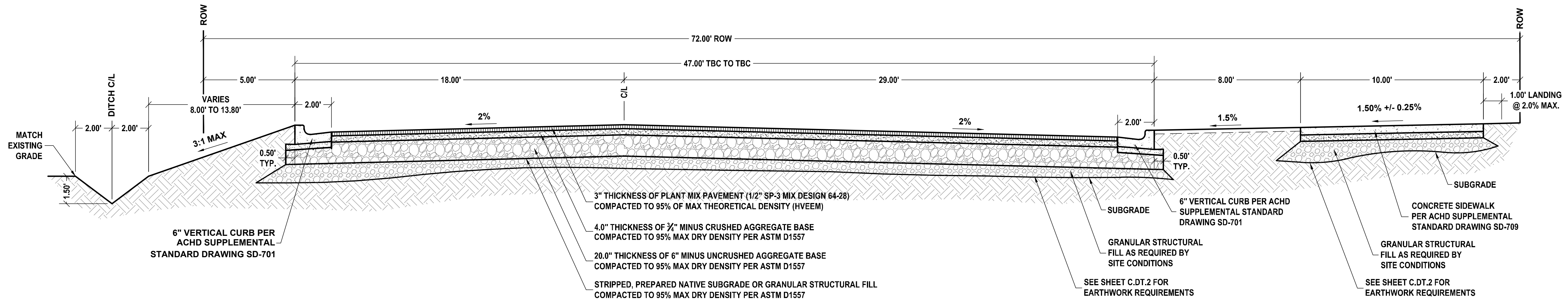
ROADWAY SECTION #2 - S. RECREATION AVE. STA 9+47.21 TO 11+35.11

2
C.RD.0


ROW
ROW
VARIES 53.00 TO 56.50' ROW
31.00' TBC TO TBC
2.00'
12.50'
18.50'
8.00'
10.00'
VARIES 2.0' TO 5.50'
DITCH C/L
8.00'
2.00'
C/L
1.00' LANDING @ 2.0% MAX.
1.50% +/- 0.25%
2.00'
2.00'
2%
2%
2.00'
1.5%
MATCH EXISTING GRADE
3:1 MAX
0.50' TYP.
0.50' TYP.
1.50'
3" THICKNESS OF PLANT MIX PAVEMENT (1/2" SP-3 MIX DESIGN 64-28) COMPACTED TO 95% OF MAX THEORETICAL DENSITY (HVEEM)
SUBGRADE
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
SUBGRADE
CONCRETE SIDEWALK PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-709
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
4.0" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
20.0" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
STRIPPED, PREPARED NATIVE SUBGRADE OR GRANULAR STRUCTURAL FILL COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

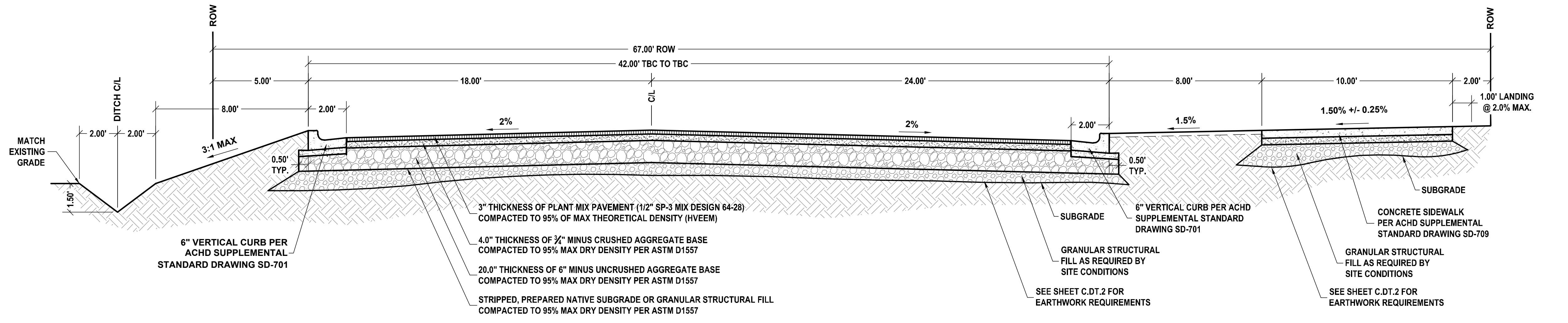
ROADWAY SECTION #3 - S. RECREATION AVE. STA 12+64.64 TO 15+29.40

3
C.RD.0


ROW
ROW
72.00' ROW
47.00' TBC TO TBC
5.00'
18.00'
29.00'
8.00'
10.00'
2.00'
DITCH C/L
VARIES 8.00' TO 13.80'
2.00'
C/L
1.00' LANDING @ 2.0% MAX.
1.50% +/- 0.25%
2%
2%
2.00'
1.5%
MATCH EXISTING GRADE
2.00'
2.00'
3:1 MAX
0.50' TYP.
0.50' TYP.
1.50'
3" THICKNESS OF PLANT MIX PAVEMENT (1/2" SP-3 MIX DESIGN 64-28) COMPACTED TO 95% OF MAX THEORETICAL DENSITY (HVEEM)
SUBGRADE
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
SUBGRADE
CONCRETE SIDEWALK PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-709
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
4.0" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
20.0" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
STRIPPED, PREPARED NATIVE SUBGRADE OR GRANULAR STRUCTURAL FILL COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

ROADWAY SECTION #4 - S. RECREATION AVE. STA 16+96.49 TO 17+96.49

4
C.RD.0


ROW
ROW
67.00' ROW
42.00' TBC TO TBC
5.00'
18.00'
24.00'
8.00'
10.00'
2.00'
DITCH C/L
8.00'
2.00'
C/L
1.00' LANDING @ 2.0% MAX.
1.50% +/- 0.25%
2%
2%
2.00'
1.5%
MATCH EXISTING GRADE
2.00'
2.00'
3:1 MAX
0.50' TYP.
0.50' TYP.
1.50'
3" THICKNESS OF PLANT MIX PAVEMENT (1/2" SP-3 MIX DESIGN 64-28) COMPACTED TO 95% OF MAX THEORETICAL DENSITY (HVEEM)
SUBGRADE
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
SUBGRADE
CONCRETE SIDEWALK PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-709
6" VERTICAL CURB PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701
4.0" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
20.0" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
STRIPPED, PREPARED NATIVE SUBGRADE OR GRANULAR STRUCTURAL FILL COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

ROADWAY SECTION #5 - S. RECREATION AVE. STA 18+88.49 TO 19+03.49

5
C.RD.0

NOTES:

1. ALL ASPHALT PAVEMENTS AND BASE MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE ISPWC AND THE ACHD SUPPLEMENTAL SPECIFICATIONS APPLICABLE THERETO. SEE SHEET C.DT.2 FOR ADDITIONAL EARTHWORK REQUIREMENTS.
2. THE ASPHALT PAVEMENT MIX DESIGN SHALL BE A SUPERPAVE 1/2" MIX DESIGN (PG-64-28) AND MEET THE REQUIREMENTS OF SP-3 PER ISPWC SECTION 810 "PLANT MIX PAVEMENT".
3. AGGREGATE BASE MATERIALS (3/4"MINUS CRUSHED AGGREGATE & 6" MINUS UNCRUSHED AGGREGATE) MATERIALS SHALL COMPLY WITH DIVISION 800 OF THE ISPWC.
4. ALL SUBGRADES, STRUCTURAL FILL MATERIALS AND PLACEMENTS SHALL BE APPROVED BY ACHD PRIOR TO COVERING UP THE WORK OR PLACING SUBSEQUENT LIFTS.
5. ASPHALT PAVEMENT SHALL BE COMPACTED IN ACCORDANCE WITH THE ISPWC AND THE ACHD SUPPLEMENTAL SPECIFICATIONS TO THE ISPWC. DENSITY TESTING SHALL BE PERFORMED RANDOMLY ACROSS THE SITE AT A FREQUENCY TO BE DETERMINED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE.
6. THE ROADWAY SUBGRADE SHALL EXTEND 6-INCHES BEHIND THE BACK OF CURB.

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson
civil

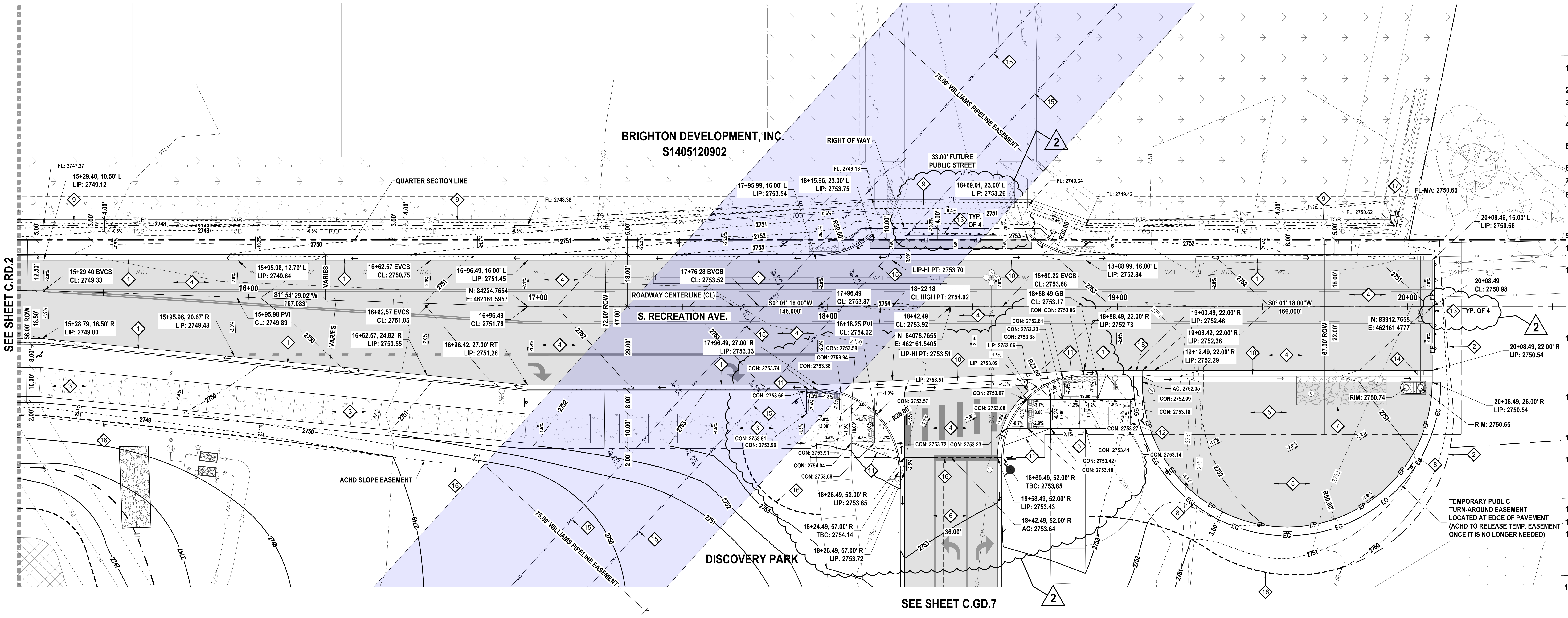
NO.	REVISION	DATE

SHEET TITLE:
ROADWAY - TYPICAL SECTIONS

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

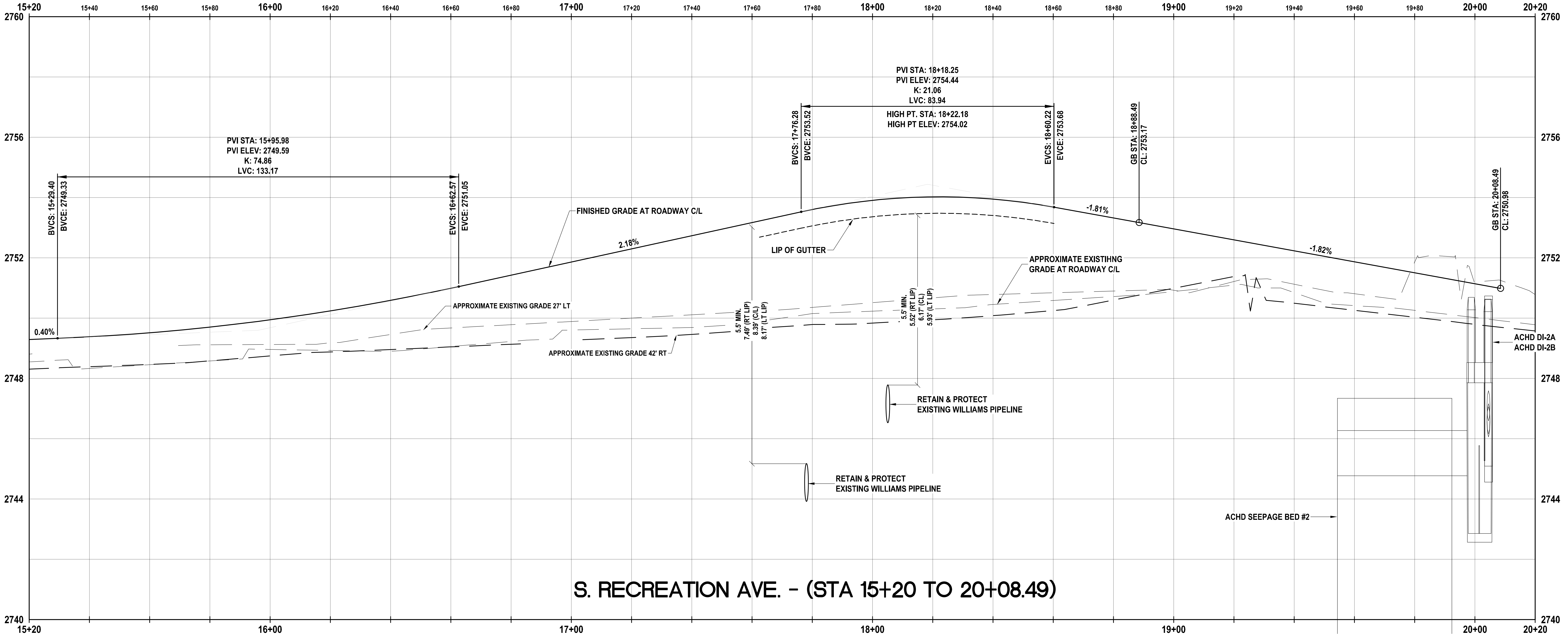
JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.RD.0


BRIGHTON DEVELOPMENT, INC.
S1405120902
DISCOVERY PARK
SEE SHEET C.RD.2
SEE SHEET C.GD.7
S. RECREATION AVE.
ROADWAY CENTERLINE (CL)
75.00' WILLIAMS PIPELINE EASEMENT
QUARTER SECTION LINE
RIGHT OF WAY
33.00' FUTURE PUBLIC STREET
ACHD SLOPE EASEMENT
TEMPORARY PUBLIC TURN-AROUND EASEMENT LOCATED AT EDGE OF PAVEMENT (ACHD TO RELEASE TEMP. EASEMENT ONCE IT IS NO LONGER NEEDED)
72.00' ROW
67.00' ROW
56.00' ROW
S1° 54' 29.02"W 167.083'
S0° 01' 18.00"W 146.000'
S0° 01' 18.00"W 166.000'
15+29.40 BVCS CL: 2749.33
15+95.98 PVI CL: 2749.89
16+62.57 EVCS CL: 2750.75
17+76.28 BVCS CL: 2753.52
18+18.25 PVI CL: 2754.02
18+22.18 CL HIGH PT: 2754.02
18+60.22 EVCS CL: 2753.68
18+88.49 GB CL: 2753.17
20+08.49 CL: 2750.98
N: 84224.7654 E: 462161.5957
N: 84078.7655 E: 462161.5405
N: 83912.7655 E: 462161.4777
TYP. OF 4
16+00
17+00
18+00
19+00
20+00

S. RECREATION AVE. (STA 15+20 TO 20+08.49)

0 20 40 FEET



S. RECREATION AVE. - (STA 15+20 TO 20+08.49)

Keyed Notes ◇1

1. 6" VERTICAL CURB AND GUTTER (TBC) PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-701.
2. CATCH SLOPE LIMIT.
3. CONCRETE SIDEWALK PER ACHD SUPPLEMENTAL STANDARD DRAWING SD-709.
4. ASPHALT PAVEMENT (COLLECTOR ROADWAY) - (SEE SHEET C.RD.0).
5. TEMPORARY TURN AROUND ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.9).
6. ONSITE ASPHALT PAVEMENT SECTION - (SEE 3/C.DT.3).
7. SEE STORM DRAIN ON "SD" SHEETS.
8. GRAVEL SHOULDER - 6" THICKNESS OF $\frac{3}{4}$" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D698. SLOPE SHOULDER DOWNWARD AT 2% AWAY FROM PAVEMENT.
9. CONSTRUCT DITCH - (SHEET RD.0).
10. CONCRETE VALLEY GUTTER PER ACHD SUPPLEMENTAL DRAWING SD-708.
11. CONCRETE PEDESTRIAN RAMP PER ISPWC SD-712C AND ADA STANDARDS. THE LONGITUDINAL SLOPE OF THE PEDESTRIAN RAMP SHALL NOT BE GREATER THAN 12:1; THE CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT BE GREATER THAN 2.0% - NO TOLERANCE IS ALLOWED ABOVE THE MAX. SLOPES. PROVIDE TRUNCATED DOMES PER ISPWC SD-712. TRUNCATED DOMES SHALL BE TRAFFIC YELLOW.
12. 10' WIDE TYPE-II SIDEWALK TERMINUS BARRICADE PER ACHD STANDARDS. BARRICADES SHALL HAVE THICKENED EDGE ALUMINUM W/6" WIDE RETRO-REFLECTIVE RED/WHITE DIAGONAL DECALS. PAINTED SIGNS ARE NOT ALLOWED. BARRICADE MUST HAVE A KICK PLATE AT THE BOTTOM TO PROVIDE CANE DETECTION.
13. TYPE-III ROADWAY TERMINUS BARRICADE PER ACHD STANDARDS. BARRICADE SHALL INCLUDE A SIGN THAT STATES "THIS IS A DESIGNATED COLLECTOR ROADWAY. STREET WILL BE EXTENDED AND WIDENED IN THE FUTURE".
14. SHAPE VALLEY GUTTER SO THAT ALL FLOW WITHIN THE VALLEY GUTTER ENTERS THE STORM DRAIN INLET.
15. RETAIN & PROTECT EXISTING GAS LINES - SEE NOTE 1 ON THIS SHEET. CONTRACTOR SHALL COORDINATE WITH WILLIAMS PIPELINE AND DETERMINE THE EXISTING HORIZONTAL AND VERTICAL POSITION OF THE GAS LINES PRIOR TO START OF CONSTRUCTION.
16. GRADE BREAK.
17. MATCH EXISTING DITCH.
18. CURB TERMINUS PER ACHD SUPPLEMENTAL STD. DWG SD-707.

Notes

1. CONTRACTOR SHALL OBTAIN A COPY OF THE WILLIAMS PIPELINE DEVELOPER'S HANDBOOK PRIOR TO BID. ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT WILLIAMS DEVELOPER'S HANDBOOK - NO SEPARATE PAYMENT SHALL BE MADE.
2. CONTACT ACHD INSPECTION SERVICES AT 208.387.6284 A MINIMUM OF 24 HOURS PRIOR TO REQUESTING INSPECTION.
3. ABANDONED BUILDINGS, TEST PITS, OR WATERWAYS LOCATED WITHIN CURRENT OR FUTURE RIGHT-OF-WAY SHALL BE RE-EXCAVATED TO NATIVE SOIL AND BACKFILLED WITH STRUCTURAL FILL PER ISPWC SPECIFICATIONS. PROVIDE SOILS DATA TO VERIFY NATIVE MATERIAL MEETS THE REQUIREMENTS FOR ENGINEERED FILL PER ISPWC SPECIFICATIONS AND PROVIDE A COPY OF THE COMPACTION TEST REPORTS.
4. PROVIDE TYPE-P SURFACE RESTORATION FOR UTILITY WORK WITHIN ASPHALT PAVEMENT AREAS.
5. PROVIDE ALL TEMPORARY IRRIGATION DITCHES AND PIPES AS REQUIRED TO COMPLETE THE NEW IMPROVEMENTS. ALL EXISTING DITCHES SHALL HAVE TEMPORARY REROUTING PROVISIONS SUCH THAT THE FLOW OF IRRIGATION WATER, AND DRAINAGE OF SURFACE WATER ACROSS THE SITE REMAIN UNINTERRUPTED THROUGHOUT THE DURATION OF CONSTRUCTION.

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - - Date - -

Plans Are Accepted For Public Street Construction

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
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1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

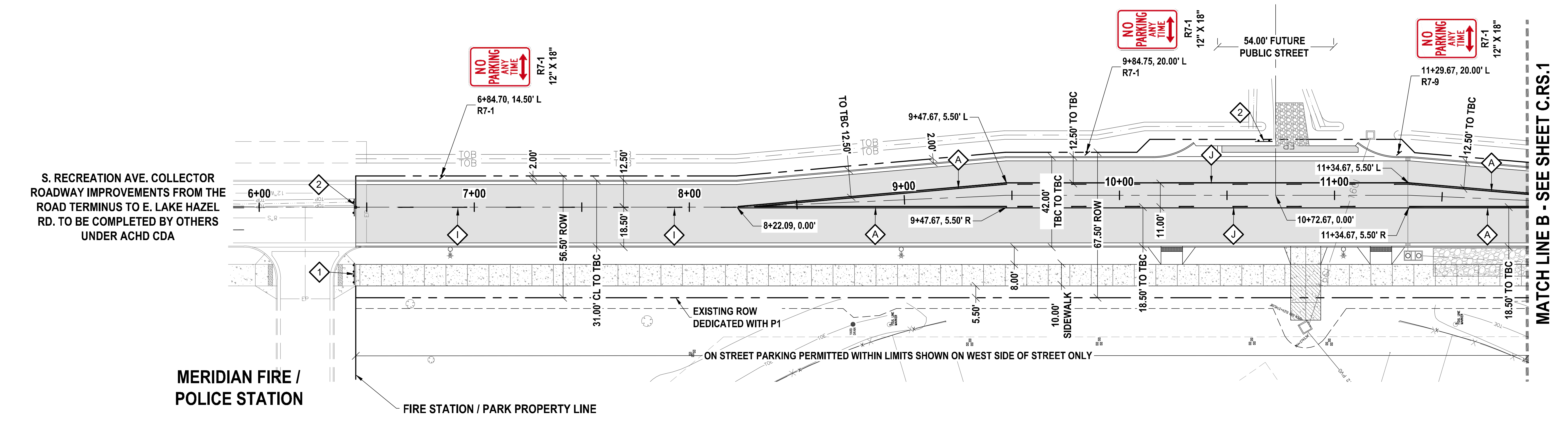
SHEET TITLE:
ROADWAY - S. RECREATION AVE. (STA 15+20 TO 20+08.49)

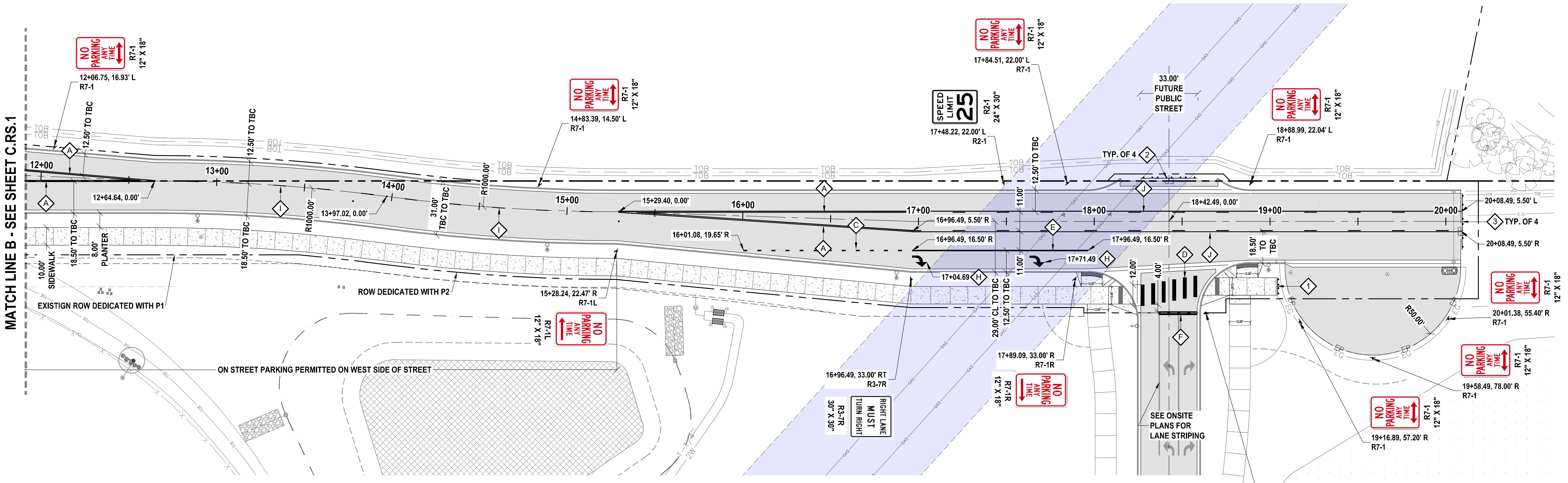
NO.	REVISION	DATE
2	ACHD PLAN REVIEW COMMENTS #1	

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.RD.3


S. RECREATION AVE. COLLECTOR ROADWAY IMPROVEMENTS FROM THE ROAD TERMINUS TO E. LAKE HAZEL RD. TO BE COMPLETED BY OTHERS UNDER ACHD CDA
NO PARKING ANY TIME R7-1 12" X 18"
6+84.70, 14.50' L R7-1
9+84.75, 20.00' L R7-1
54.00' FUTURE PUBLIC STREET
11+29.67, 20.00' L R7-9
6+00
7+00
8+00
9+00
10+00
11+00
8+22.09, 0.00'
9+47.67, 5.50' L
9+47.67, 5.50' R
10+72.67, 0.00'
11+34.67, 5.50' L
11+34.67, 5.50' R
56.50' ROW
31.00' CL TO TBC
18.50'
12.50'
TO TBC 12.50'
12.50' TO TBC
42.00' TBC TO TBC
67.50' ROW
11.00'
8.00'
5.50'
10.00' SIDEWALK
18.50' TO TBC
EXISTING ROW DEDICATED WITH P1
ON STREET PARKING PERMITTED WITHIN LIMITS SHOWN ON WEST SIDE OF STREET ONLY
MATCH LINE B - SEE SHEET C.RS.1
MERIDIAN FIRE / POLICE STATION
FIRE STATION / PARK PROPERTY LINE



Signage Keyed Notes ◇

1. 10' WIDE TYPE-II SIDEWALK TERMINUS BARRICADE SHALL BE PROVIDED PER ACHD STANDARDS. BARRICADES SHALL HAVE THICKENED EDGE ALUMINUM W/6" WIDE RETRO-REFLECTIVE RED/WHITE DIAGONAL DECALS. PAINTED SIGNS ARE NOT ALLOWED. BARRICADE MUST HAVE A KICK PLATE AT THE BOTTOM TO PROVIDE CANE DETECTION.
2. TYPE-III ROADWAY TERMINUS BARRICADE SHALL BE PROVIDED PER ACHD STANDARDS AND INCLUDE A SIGN THAT STATES "STREET TO BE EXTENDED IN THE FUTURE".
3. TYPE-III ROADWAY TERMINUS BARRICADE SHALL BE PROVIDED PER ACHD STANDARDS AND INCLUDE A SIGN THAT STATES "THIS IS A DESIGNATED COLLECTOR ROADWAY. STREET WILL BE EXTENDED AND WIDENED IN THE FUTURE".

Signage Notes

1. SIGNAGE SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE CURRENT EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND THE ACHD SUPPLEMENTAL SPECIFICATIONS AND REQUIREMENTS.
2. SIGN POSITIONING SHALL BE IN ACCORDANCE WITH MUTCD SECTION 7B.03 AND ACHD STANDARDS.
3. SIGN HEIGHTS SHALL BE IN ACCORDANCE WITH MUTCD SECTION 2A.18 AND ACHD STANDARDS.

Striping Keyed Notes ◇

A. 4" DOUBLE CENTERLINE STRIPING (YELLOW) - SEE TS-1112 STRIPING DETAIL #7.
B. NOT USED.
C. 8" ELEPHANT TRACKING (WHITE) - SEE TS-1112 STRIPING DETAIL 11.
D. CROSSWALK (WHITE THERMOPLASTIC) - SEE TS1112 STRIPING DETAIL #18.
E. 8" CHANNELIZING LINE (WHITE) - SEE TS-1112 STRIPING DETAIL 15.
F. STOP BAR (WHITE THERMOPLASTIC) - SEE TS1112 STRIPING DETAIL #19.
G. NOT USED.
H. TURN ARROW - WHITE THERMOPLASTIC PER ACHD STANDARDS.
I. 4" CENTER LINE STRIPING, 18' SKIP + 7' STRIPE (YELLOW) - SEE TS-1112 STRIPING DETAIL #1.
J. TWO WAY LEFT TURN LANE STRIPING, 7' STRIPE + 18' SKIP(YELLOW) - SEE TS-1112 STRIPING DETAIL #9

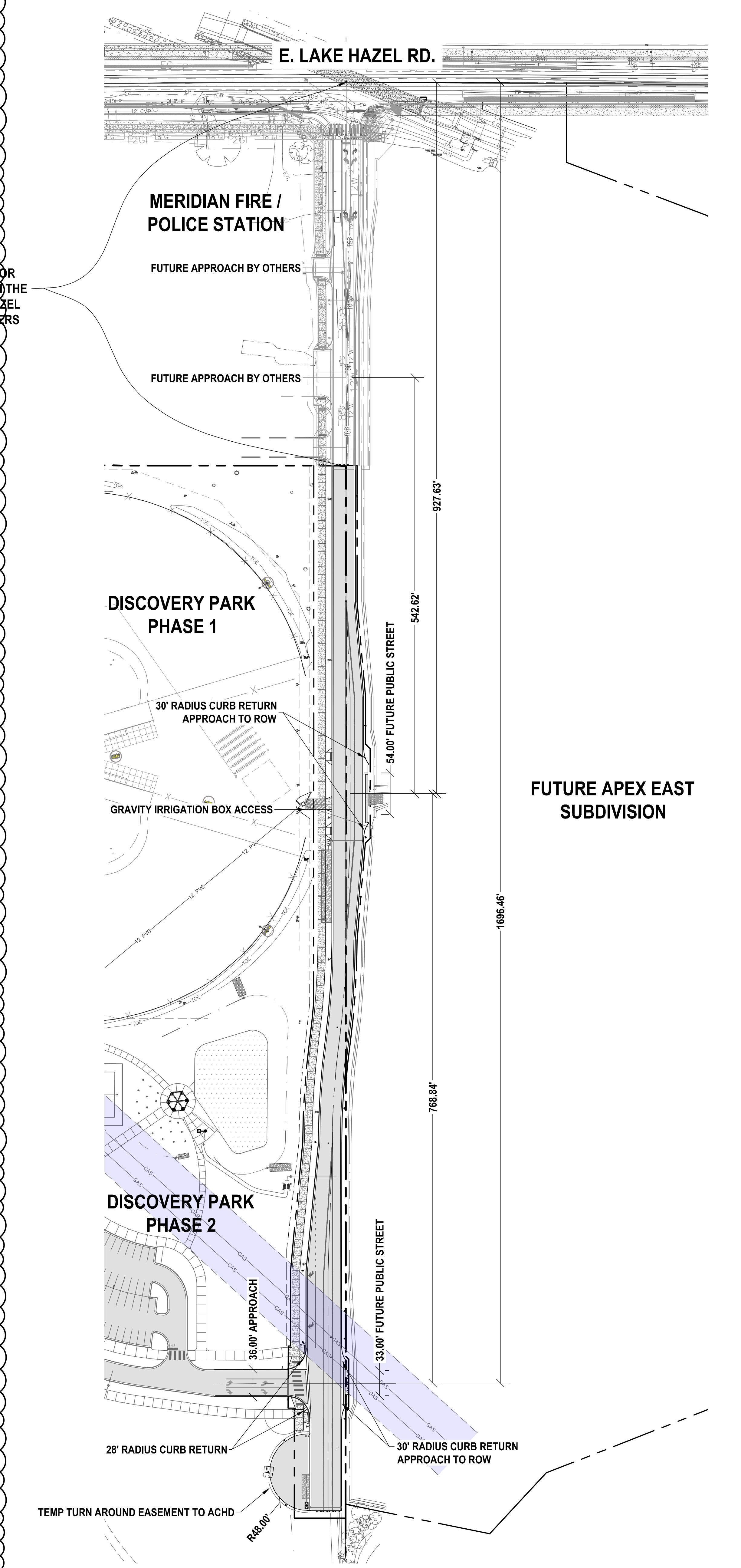
Striping Notes

1. ALL STRIPING SHALL BE IN ACCORDANCE WITH ACHD AND MUTCD STANDARDS.
2. OBLITERATE ALL STRIPING WITHIN THE LIMITS OF NEW STRIPING IN ACCORDANCE WITH ACHD STANDARDS.
3. ALL CROSS WALK MARKINGS SHALL BE WHITE THERMOPLASTIC TAPE (2' WITH 4' GAP) AND BE CENTERED ON THE PEDESTRIAN RAMPS. SEE PLANS FOR CROSS WALK WIDTHS AND LOCATIONS
4. ALL STOP BARS AND TURN ARROWS SHALL BE WHITE THERMOPLASTIC TAPE.
5. CONTACT ACHD CONSTRUCTION SERVICES PRIOR TO PLACEMENT OR REMOVAL OF ANY PAVEMENT MARKINGS TO CONFIRM COMPLIANCE WITH POLICY AND EXISTING PAVEMENT MARKINGS (208) 387-6280.

S. RECREATION AVE. STRIPING + SIGHAGE PLAN (STA 6+44.92 TO 20+08.64)

N
0 40 80 FEET

2


S. RECREATION AVE. COLLECTOR ROADWAY IMPROVEMENTS FROM THE ROAD TERMINUS TO E. LAKE HAZEL RD. TO BE COMPLETED BY OTHERS UNDER ACHD CDA
E. LAKE HAZEL RD.
MERIDIAN FIRE / POLICE STATION
FUTURE APPROACH BY OTHERS
FUTURE APPROACH BY OTHERS
DISCOVERY PARK PHASE 1
30' RADIUS CURB RETURN APPROACH TO ROW
GRAVITY IRRIGATION BOX ACCESS
54.00' FUTURE PUBLIC STREET
927.63'
542.62'
1696.46'
768.84'
FUTURE APEX EAST SUBDIVISION
DISCOVERY PARK PHASE 2
36.00' APPROACH
33.00' FUTURE PUBLIC STREET
28' RADIUS CURB RETURN
30' RADIUS CURB RETURN APPROACH TO ROW
TEMP TURN AROUND EASEMENT TO ACHD
R48.00'

S. RECREATION AVE. ACCESS SPACING

N
0 120 240 FEET

APPROVED FOR CONSTRUCTION

MERIDIAN IDAHO

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name ______ Date ______

Plans Are Accepted For Public Street Construction

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY ______ DATE ______
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

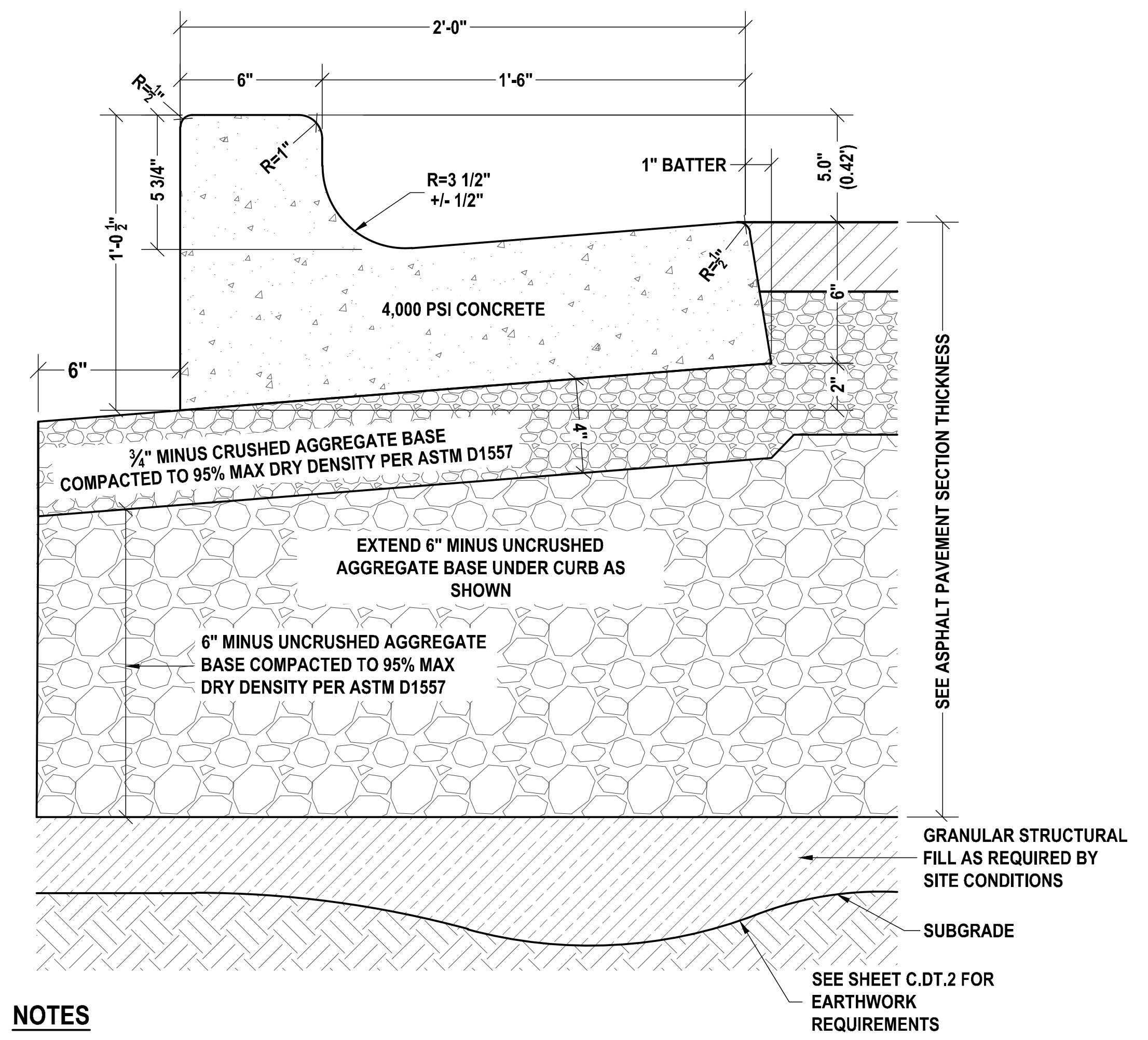
NO.	REVISION	DATE
1	CZC - ADDITION OF APEX EAST APPROACHES	7-6-21
2	ACHD PLAN REVIEW COMMENTS #1	11-22-21

SHEET TITLE:
ROADWAY - S. RECREATION AVE. STRIPING & SIGNAGE (STA 6+44.92 TO 20+08.64)

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX: (208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.RS.1

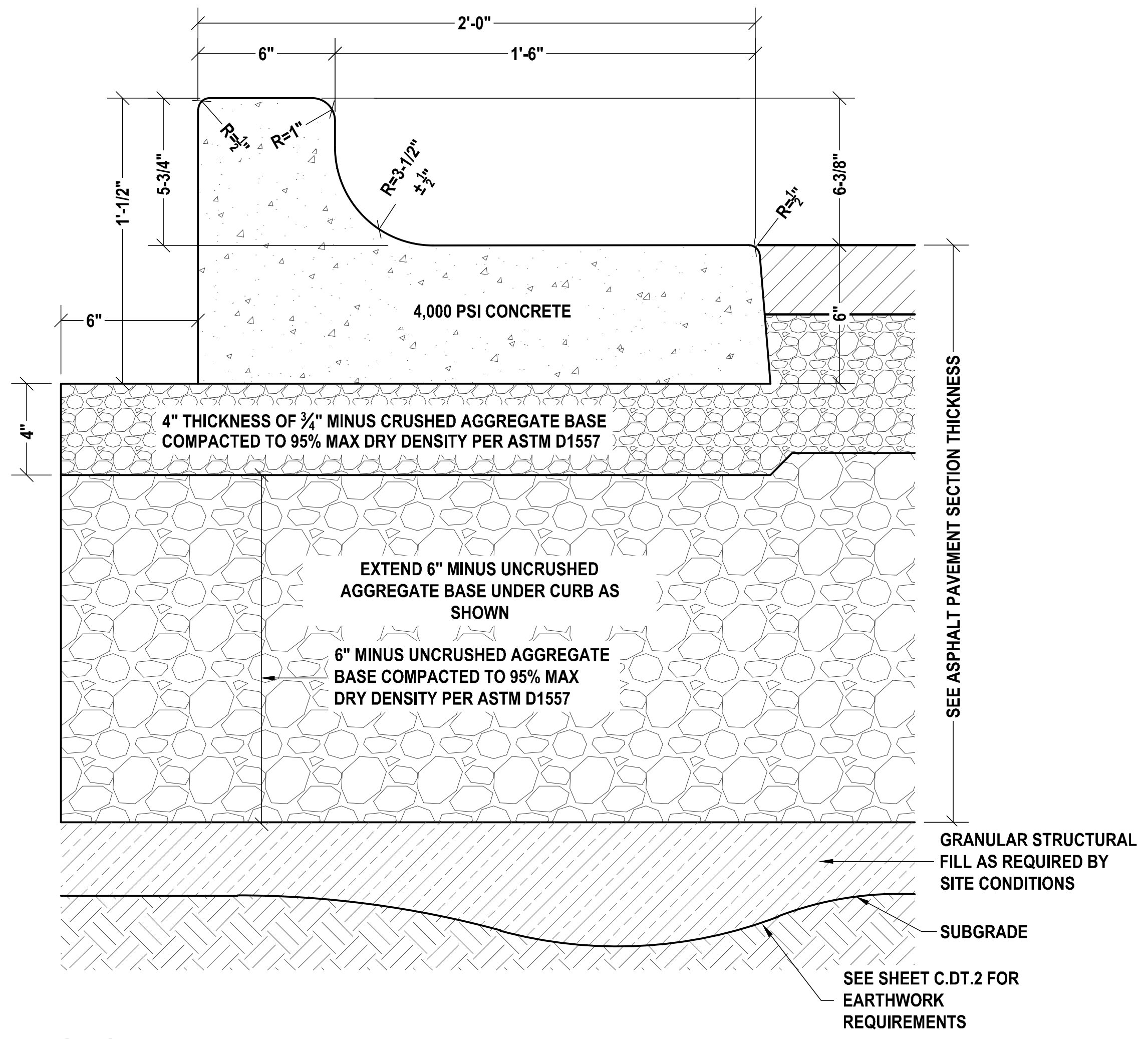

2'-0"
6"
1'-6"
R=½"
R=1"
R=3 1/2"
+/- 1/2"
1" BATTER
5.0" (6.42")
5 3/4"
1'-3 ½"
R=½"
6"
6"
4,000 PSI CONCRETE
¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
EXTEND 6" MINUS UNCRUSHED AGGREGATE BASE UNDER CURB AS SHOWN
6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE ASPHALT PAVEMENT SECTION THICKNESS
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

NOTES

1. GRADE AND ALIGNMENT TO BE ESTABLISHED BY THE CONTRACTOR
2. BASE: 4-INCH COMPACTED DEPTH OF 3/4-INCH MINUS CRUSHED AGGREGATE BASE MATERIAL, PLACE AS SPECIFIED UNDER SECTION-802 ISPWC; COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTM D1557
3. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADII.
4. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).
5. MATERIALS AND CONSTRUCTION IN COMPLIANCE WITH ISPWC SPECIFICATIONS.
6. BACKFILL AS PER SECTION-706.
7. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
8. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
9. ACHD SUPPLEMENTAL DWG. NO. SD-701 SHALL BE MODIFIED PER THIS DETAIL TO PROVIDE THE INDICATED BASE SECTION THICKNESS SHOWN.

6" VERTICAL CURB & GUTTER (TBC) PER ACHD SUPPLEMENTAL DWG. NO. SD-701

1
C.DT.0

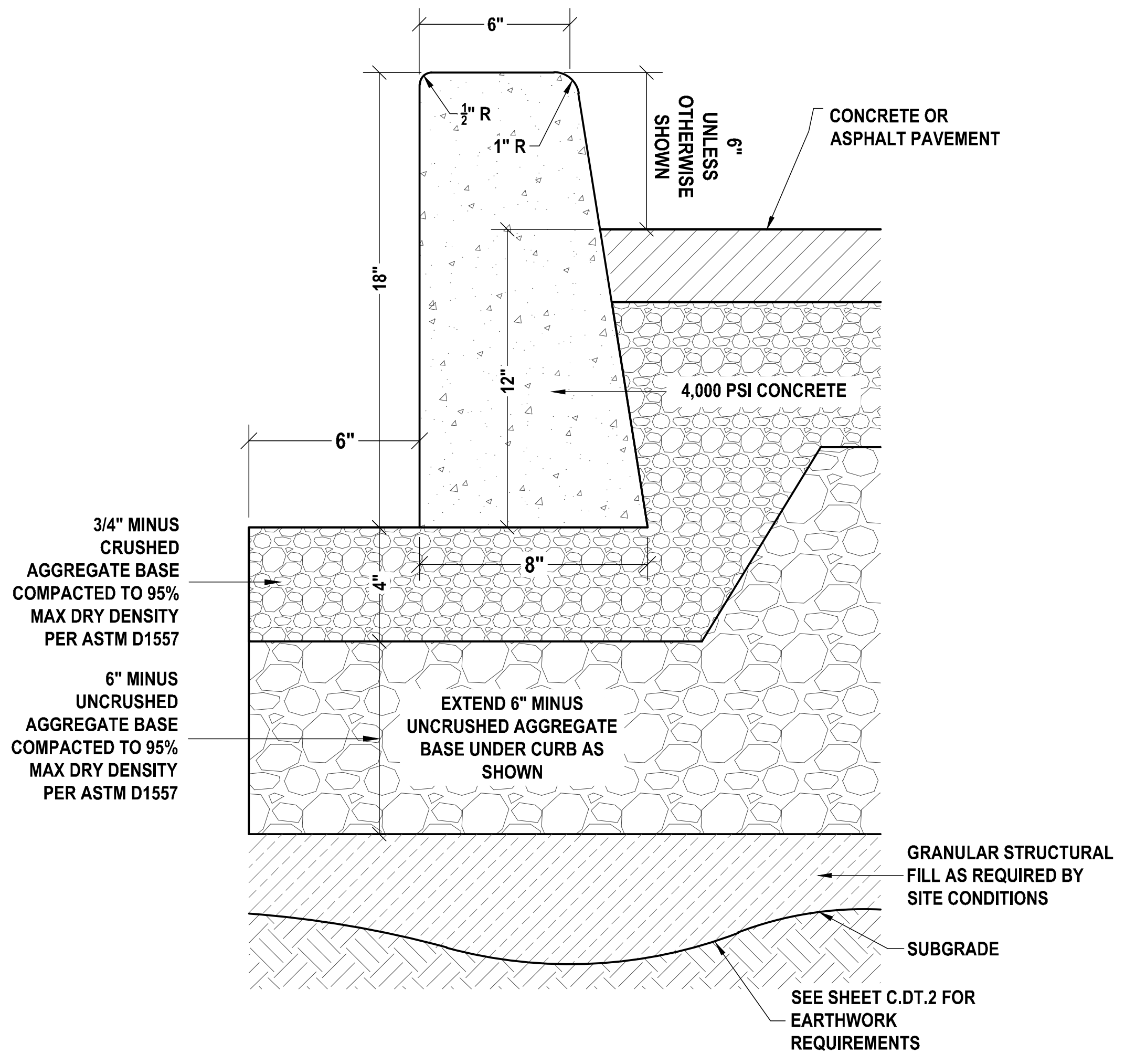

2'-0"
6"
1'-6"
R=½"
R=1"
R=3-1/2" ±½"
R=½"
1'-1/2"
5-3/4"
6-3/8"
6"
6"
4"
4,000 PSI CONCRETE
4" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
EXTEND 6" MINUS UNCRUSHED AGGREGATE BASE UNDER CURB AS SHOWN
6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE ASPHALT PAVEMENT SECTION THICKNESS
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

NOTES

1. GRADE AND ALIGNMENT TO BE ESTABLISHED BY THE CONTRACTOR
2. BASE: 4-INCH COMPACTED DEPTH OF 3/4-INCH MINUS CRUSHED AGGREGATE BASE MATERIAL, PLACE AS SPECIFIED UNDER SECTION-802 ISPWC; COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTM D1557
3. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADII.
4. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).
5. MATERIALS AND CONSTRUCTION IN COMPLIANCE WITH ISPWC SPECIFICATIONS.
6. BACKFILL AS PER SECTION-706.
7. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
8. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
9. ISPWC DETAIL SD-701 SHALL BE MODIFIED PER THIS DETAIL TO PROVIDE THE INDICATED BASE SECTION THICKNESS AND REVERSE GUTTER PLATE.

6" REVERSE VERTICAL CURB & GUTTER (SD-701) (TBCR)

2
C.DT.0


6"
¼" R
1" R
6" UNLESS OTHERWISE SHOWN
CONCRETE OR ASPHALT PAVEMENT
18"
12"
4,000 PSI CONCRETE
6"
8"
4"
3/4" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
EXTEND 6" MINUS UNCRUSHED AGGREGATE BASE UNDER CURB AS SHOWN
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

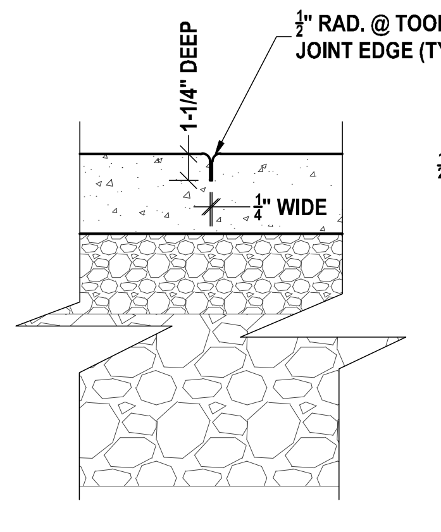
6" VERTICAL CURB (NO GUTTER)

NOTES

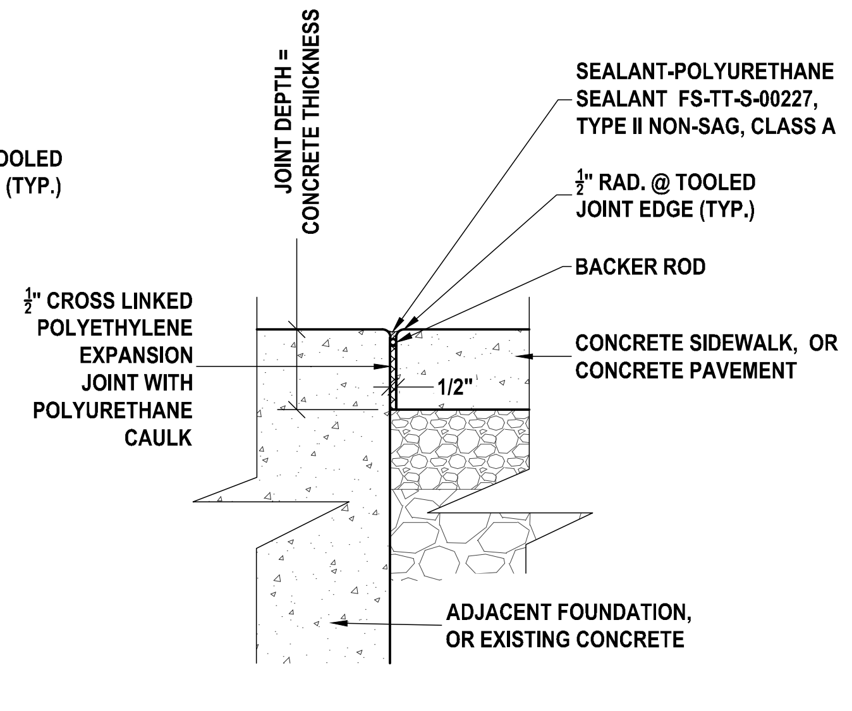
1. GRADE AND ALIGNMENT TO BE ESTABLISHED BY THE CONTRACTOR
2. BASE: 4-INCH COMPACTED DEPTH OF 3/4-INCH MINUS CRUSHED AGGREGATE BASE MATERIAL, PLACE AS SPECIFIED UNDER SECTION-802 ISPWC; COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTM D1557
3. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADII.
4. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).
5. MATERIALS AND CONSTRUCTION IN COMPLIANCE WITH ISPWC SPECIFICATIONS.
6. BACKFILL AS PER SECTION-706.
7. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
8. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
9. ISPWC DETAIL SD-701A SHALL BE MODIFIED PER THIS DETAIL TO PROVIDE THE INDICATED BASE SECTION THICKNESS SHOWN.

6" VERTICAL CURB-NO GUTTER (SD-701A)

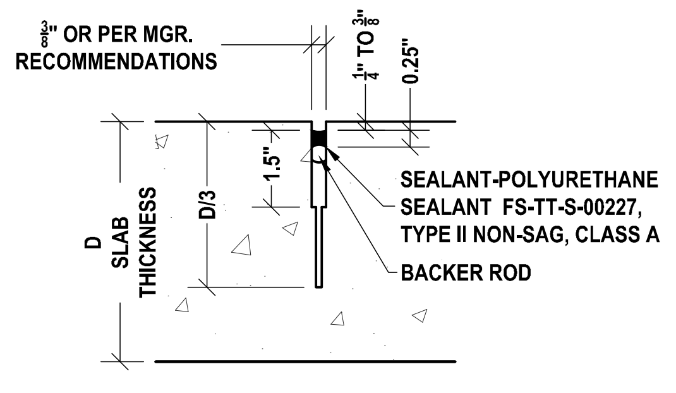
3
C.DT.0



SCORED CONTROL JOINT


JOINT DEPTH = CONCRETE THICKNESS
SEALANT-POLYURETHANE SEALANT FS-TT-S-00227, TYPE II NON-SAG, CLASS A
⅛" RAD. @ TOOLED JOINT EDGE (TYP.)
BACKER ROD
½" CROSS LINKED POLYETHYLENE EXPANSION JOINT WITH POLYURETHANE CAULK
CONCRETE SIDEWALK, OR CONCRETE PAVEMENT
1/2"
ADJACENT FOUNDATION, OR EXISTING CONCRETE

CONSTRUCTION/EXPANSION JOINT


⅜" OR PER MGR. RECOMMENDATIONS
¼" TO ⅜"
0.25"
1.5"
D/3
D SLAB THICKNESS
SEALANT-POLYURETHANE SEALANT FS-TT-S-00227, TYPE II NON-SAG, CLASS A
BACKER ROD

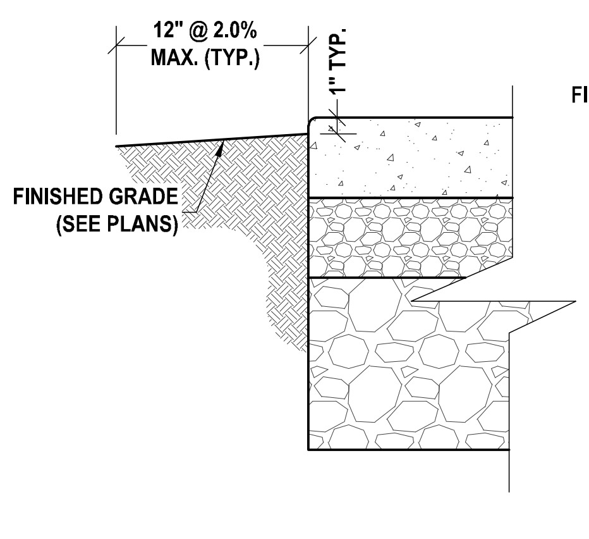
SAWN CONTROL JOINT

NOTES

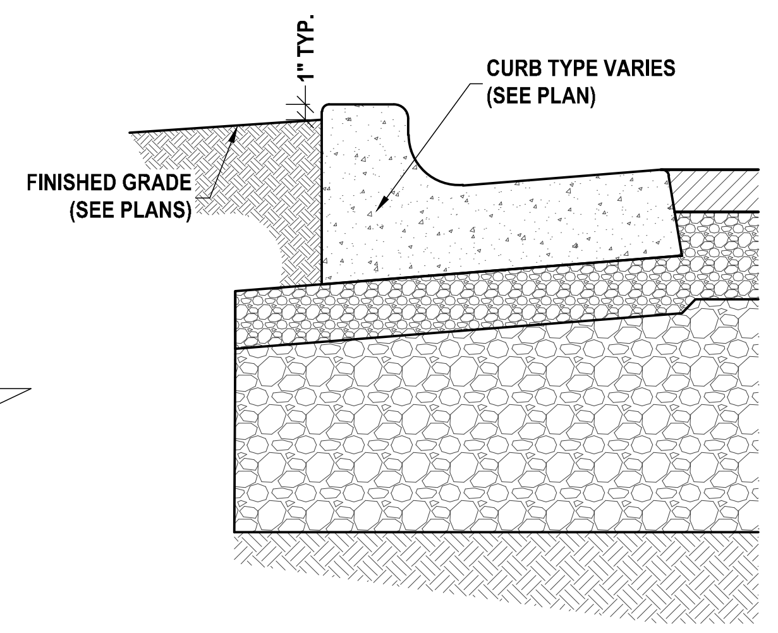
1. SEE PLANS FOR JOINT LAYOUT. JOINTS ARE AN INTEGRAL PART OF THE DESIGN AND SHALL NOT VARY FROM PATTERNS AND LOCATIONS SHOWN. CONTRACTOR SHALL REVIEW THE CONCRETE JOINTING PLAN AND NOTIFY ENGINEER OF ANY JOINT PLAN MODIFICATIONS, OR ADDITIONS, PRIOR TO COMPLETING THE WORK. CONTRACTOR SHALL REMOVE ANY FLATWORK THAT DOES NOT CONFORM TO THE DESIGN.

CONCRETE JOINTS

4
C.DT.0



GRADING AT EDGE OF SIDEWALK AND CONCRETE PAVEMENT



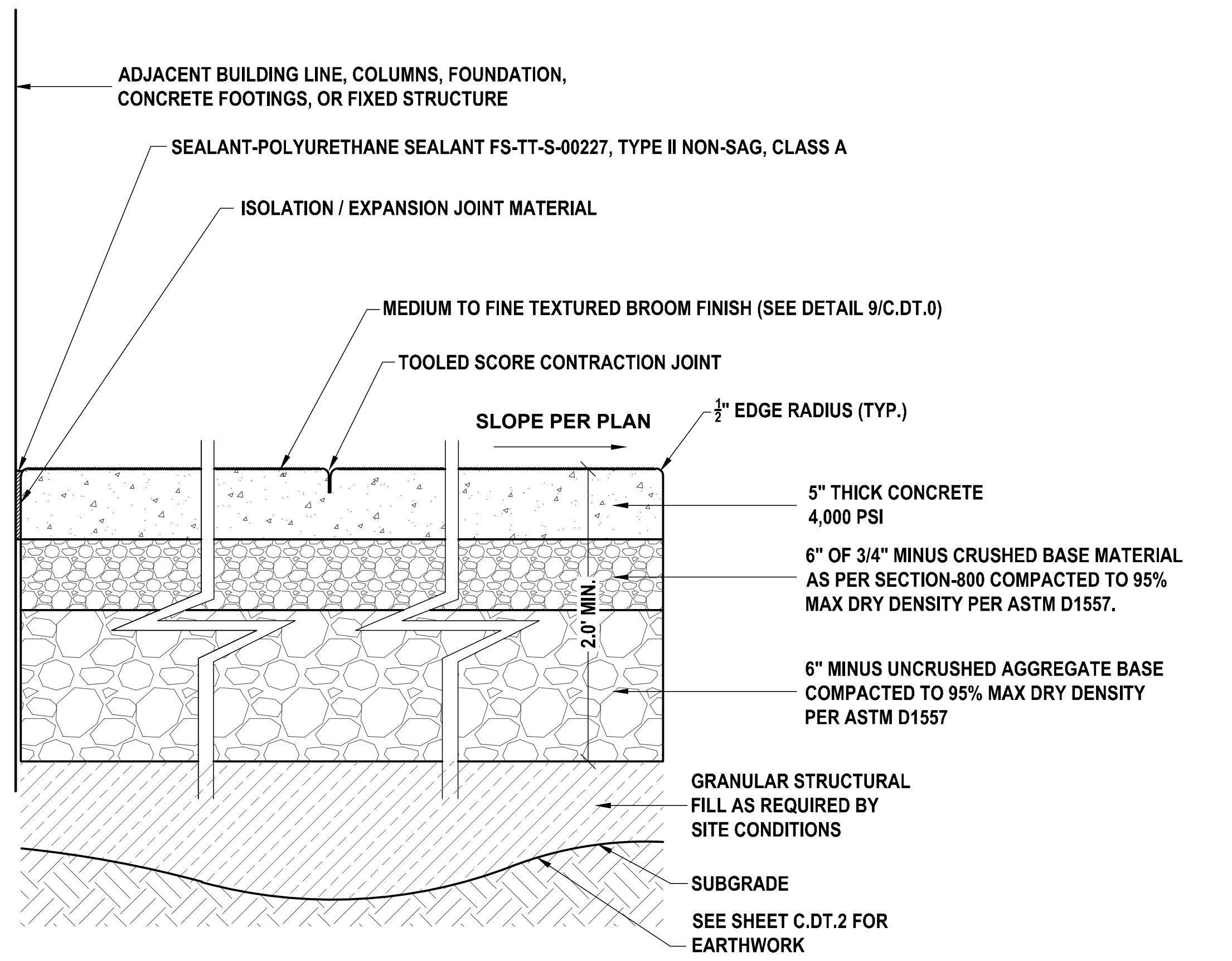
GRADING AT BACK OF CURBING

NOTES

1. SEE LANDSCAPE PLANS FOR TOPSOIL AND SURFACING REQUIREMENTS.
2. THE FINISHED GRADE ADJACENT TO PEDESTRIAN FACILITIES SHALL SLOPE AT 2.0% MAX FOR A DISTANCE OF 1-FOOT.

GRADING ADJACENT TO SIDEWALK, CURBING, AND CONCRETE PAVEMENT

5
C.DT.0

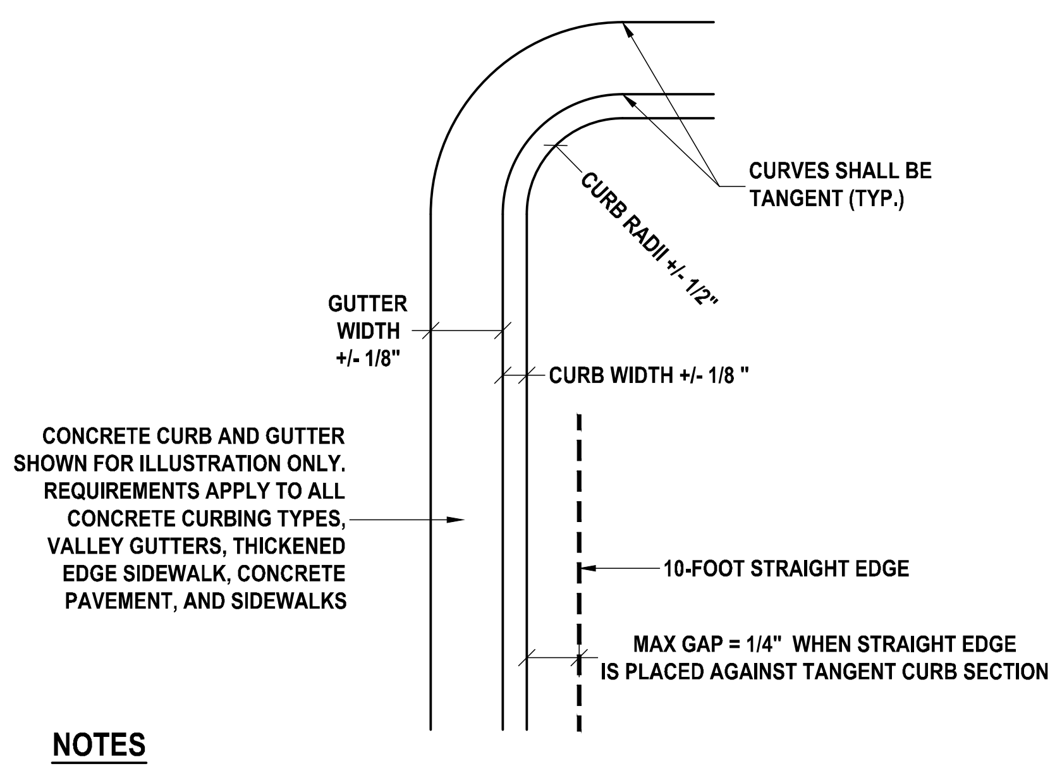

ADJACENT BUILDING LINE, COLUMNS, FOUNDATION, CONCRETE FOOTINGS, OR FIXED STRUCTURE
SEALANT-POLYURETHANE SEALANT FS-TT-S-00227, TYPE II NON-SAG, CLASS A
ISOLATION / EXPANSION JOINT MATERIAL
MEDIUM TO FINE TEXTURED BROOM FINISH (SEE DETAIL 9/C.DT.0)
TOOLED SCORE CONTRACTION JOINT
SLOPE PER PLAN
⅛" EDGE RADIUS (TYP.)
5" THICK CONCRETE 4,000 PSI
6" OF 3/4" MINUS CRUSHED BASE MATERIAL AS PER SECTION-800 COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557.
2.0' MIN.
6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

NOTES

1. SEE PLAN FOR SIDEWALK WIDTHS AND LOCATIONS.
2. SIDEWALK SHALL HAVE A LIGHT BROOM SURFACE FINISH.
3. BASE TO BE COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTMD1557.
4. CROSS SLOPE MEASURED PERPENDICULAR TO TRAVEL SHALL NOT EXCEED 1.50% +/- 0.25%; LONGITUDINAL SLOPE OF SIDEWALKS SHALL NOT EXCEED 4.6%.
5. JOINTS: SCORE SIDEWALKS AT INTERVALS AS SHOWN ON THE PLANS. SEE CONCRETE JOINTS DETAIL FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
7. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
9. ISPWC DETAIL SD-709 SHALL BE MODIFIED PER THIS DETAIL TO PROVIDE THE INDICATED CONCRETE AND BASE SECTION THICKNESS SHOWN.

ONSITE CONCRETE SIDEWALK (ISPWC SD-709)

6
C.DT.0

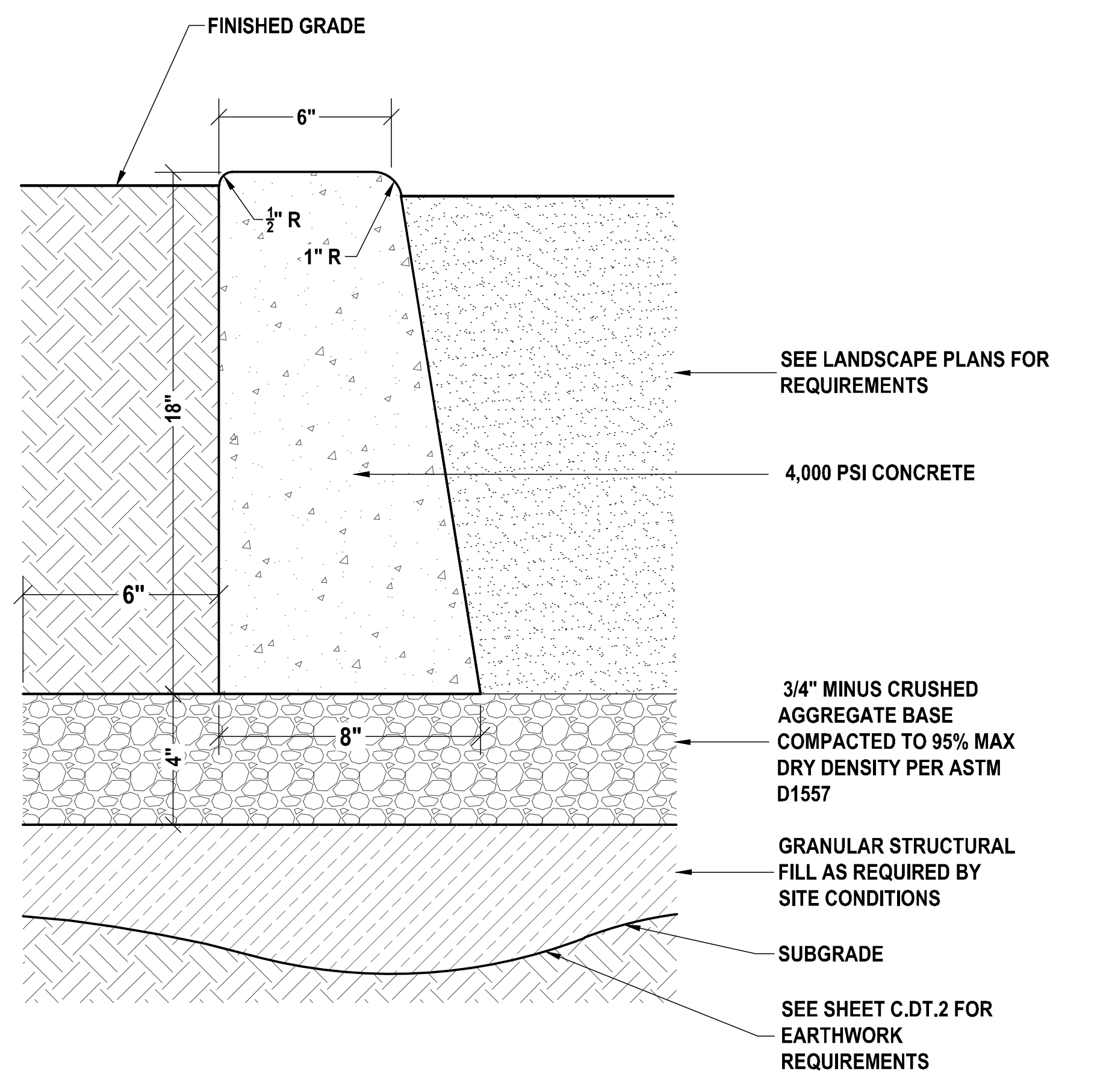

CURVES SHALL BE TANGENT (TYP.)
CURB RADII +/- 1/2"
GUTTER WIDTH +/- 1/8"
CURB WIDTH +/- 1/8 "
CONCRETE CURB AND GUTTER SHOWN FOR ILLUSTRATION ONLY. REQUIREMENTS APPLY TO ALL CONCRETE CURBING TYPES, VALLEY GUTTERS, THICKENED EDGE SIDEWALK, CONCRETE PAVEMENT, AND SIDEWALKS
10-FOOT STRAIGHT EDGE
MAX GAP = 1/4" WHEN STRAIGHT EDGE IS PLACED AGAINST TANGENT CURB SECTION

NOTES

1. CONCRETE HORIZONTAL, VERTICAL, AND SMOOTHNESS TOLERANCES APPLY TO ALL CONCRETE CURBING TYPES, VALLEY GUTTERS, THICKENED EDGE SIDEWALK, CONCRETE PAVEMENT, AND SIDEWALKS.
2. WHEN TOLERANCES SHOWN RESULT IN CONFLICT WITH AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS, ADA STANDARDS SHALL CONTROL. THERE IS NO TOLERANCE ABOVE THE ADA MAX SLOPE REQUIREMENTS FOR PEDESTRIAN FACILITIES.
3. HORIZONTAL TOLERANCES: COMPLIANCE WITH HORIZONTAL STRAIGHTNESS SHALL BE SUCH THAT THE MAX GAP = 1/4" WHEN A 10-FOOT STRAIGHT EDGE IS PLACED AGAINST THE FINISHED CONCRETE SURFACE.
4. ELEVATION TOLERANCES: ELEVATION COMPLIANCE SHALL BE +/- 1/8 INCH.
5. VERTICAL THICKNESS TOLERANCES: PLUS 3/8 INCH, MINUS 1/4 INCH.
6. SURFACE SMOOTHNESS: SURFACE SMOOTHNESS SHALL BE SUCH THAT THE MAX GAP = 1/4" WHEN A 10-FOOT STRAIGHT EDGE IS PLACED AGAINST THE FINISHED CONCRETE SURFACE, INCLUDING TANGENT SECTIONS OF CURBING.
7. CURBING WIDTH AND GUTTER WIDTH TOLERANCES SHALL BE +/-$\frac{1}{8}$" FOR TANGENT SECTIONS AND RADII.
8. NON-CONFORMING WORK SHALL BE REMOVED AND REPLACED BY CONTRACTOR AT CONTRACTORS EXPENSE. NO SEPARATE PAYMENT SHALL BE MADE.

CONCRETE HORIZONTAL AND VERTICAL TOLERANCES

7
C.DT.0

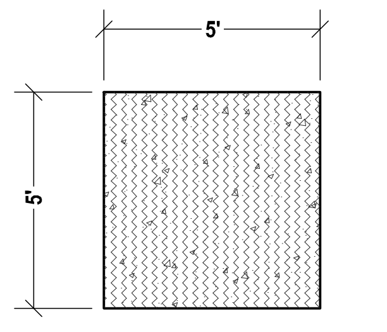

FINISHED GRADE
6"
¼" R
1" R
18"
6"
8"
4"
SEE LANDSCAPE PLANS FOR REQUIREMENTS
4,000 PSI CONCRETE
3/4" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

NOTES

1. GRADE AND ALIGNMENT TO BE ESTABLISHED BY THE CONTRACTOR
2. BASE: 4-INCH COMPACTED DEPTH OF 3/4-INCH MINUS CRUSHED AGGREGATE BASE MATERIAL, PLACE AS SPECIFIED UNDER SECTION-802 ISPWC; COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTM D1557
3. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADII.
4. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).
5. MATERIALS AND CONSTRUCTION IN COMPLIANCE WITH ISPWC SPECIFICATIONS.
6. BACKFILL AS PER SECTION-706.
7. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
8. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
9. ISPWC DETAIL SD-701A SHALL BE MODIFIED PER THIS DETAIL TO PROVIDE THE INDICATED BASE SECTION THICKNESS SHOWN.

6" VERTICAL CURB - SAND VOLLEYBALL

8
C.DT.0



FINE TO MEDIUM TEXTURED BROOM FINISH

NOTES

1. CONTRACTOR SHALL PROVIDE CONCRETE FLAT WORK MOCKUPS FOR THE BASKETBALL COURTS, SITE SIDEWALK, AND FOR CONCRETE PAVEMENT AT THE PLAZA AREA AROUND THE RESTROOM/CONCESSIONS BUILDING AND ADJACENT TO THE SOFTBALL FIELDS, USING THE APPROVED CONCRETE MIX DESIGN, AND RECEIVE CONCRETE BROOM FINISH TEXTURE APPROVAL FROM THE PROJECT ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY SITE CONCRETE.
2. CONTRACTOR SHALL ALLOW THE PROJECT ARCHITECT AND OWNER'S REPRESENTATIVE 72-HOURS FROM THE TIME THE MOCKUPS ARE COMPLETED TO REVIEW THE MOCKUPS AND PROVIDE COMMENTS, OR APPROVAL.
3. ADDITIONAL MOCKUPS MAY BE REQUIRED BY ARCHITECT, WITH NO ADDITIONAL PAYMENT TO CONTRACTOR, IF THE FINISH ON THE INITIAL MOCKUPS ARE NOT APPROVED.
4. MOCKUPS SHALL BE LEFT IN PLACE UNTIL ALL SITE CONCRETE HAS BEEN COMPLETED. CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL CONCRETE FLATWORK MOCKUP MATERIALS AFTER ALL SITE CONCRETE IS COMPLETE.

CONCRETE FLAT WORK MOCKUP

9
C.DT.0

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name ______ - ______ Date ______ - ______

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY ______ - ______ DATE: ______ - ______
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

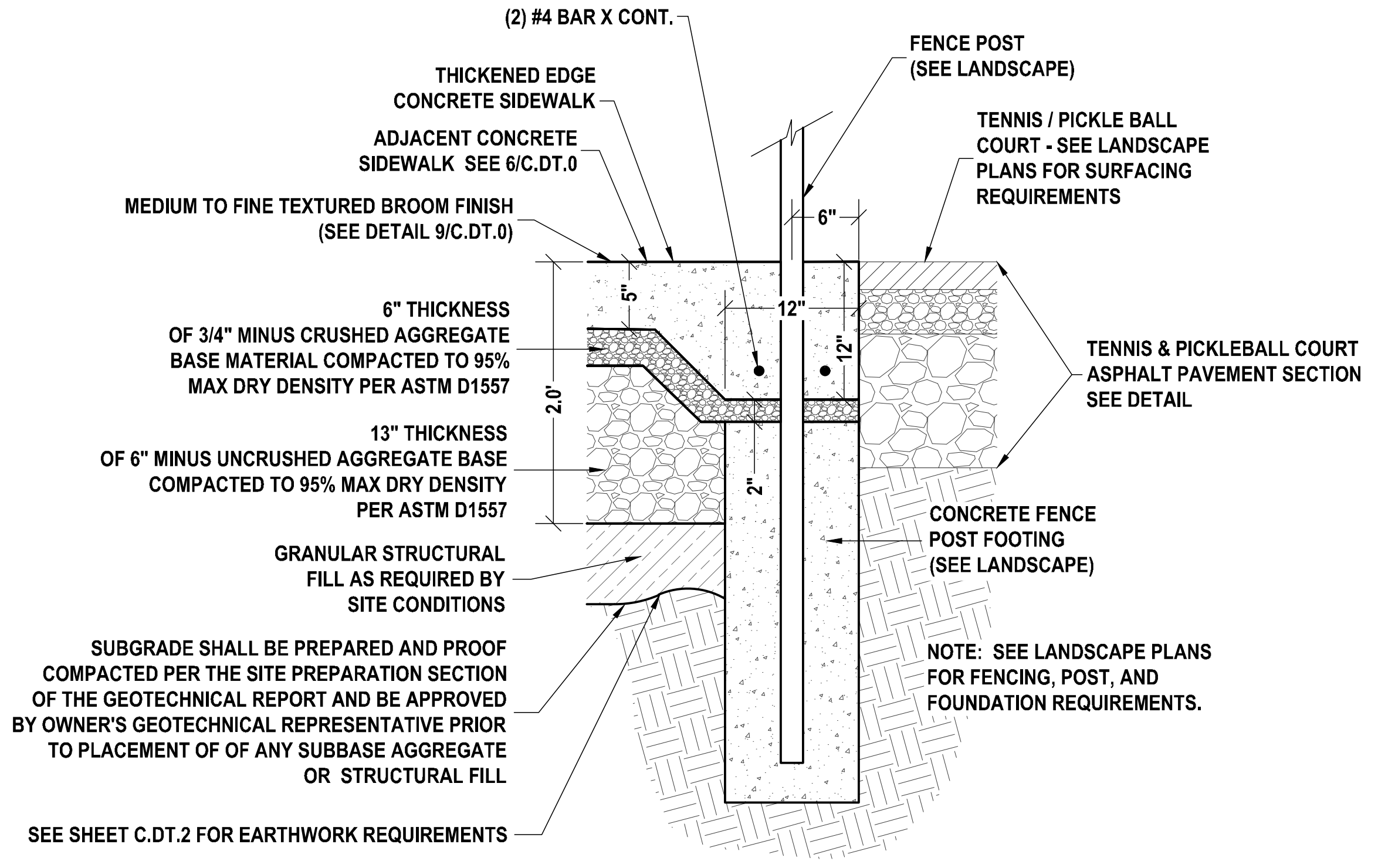
NO.	REVISION	DATE

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

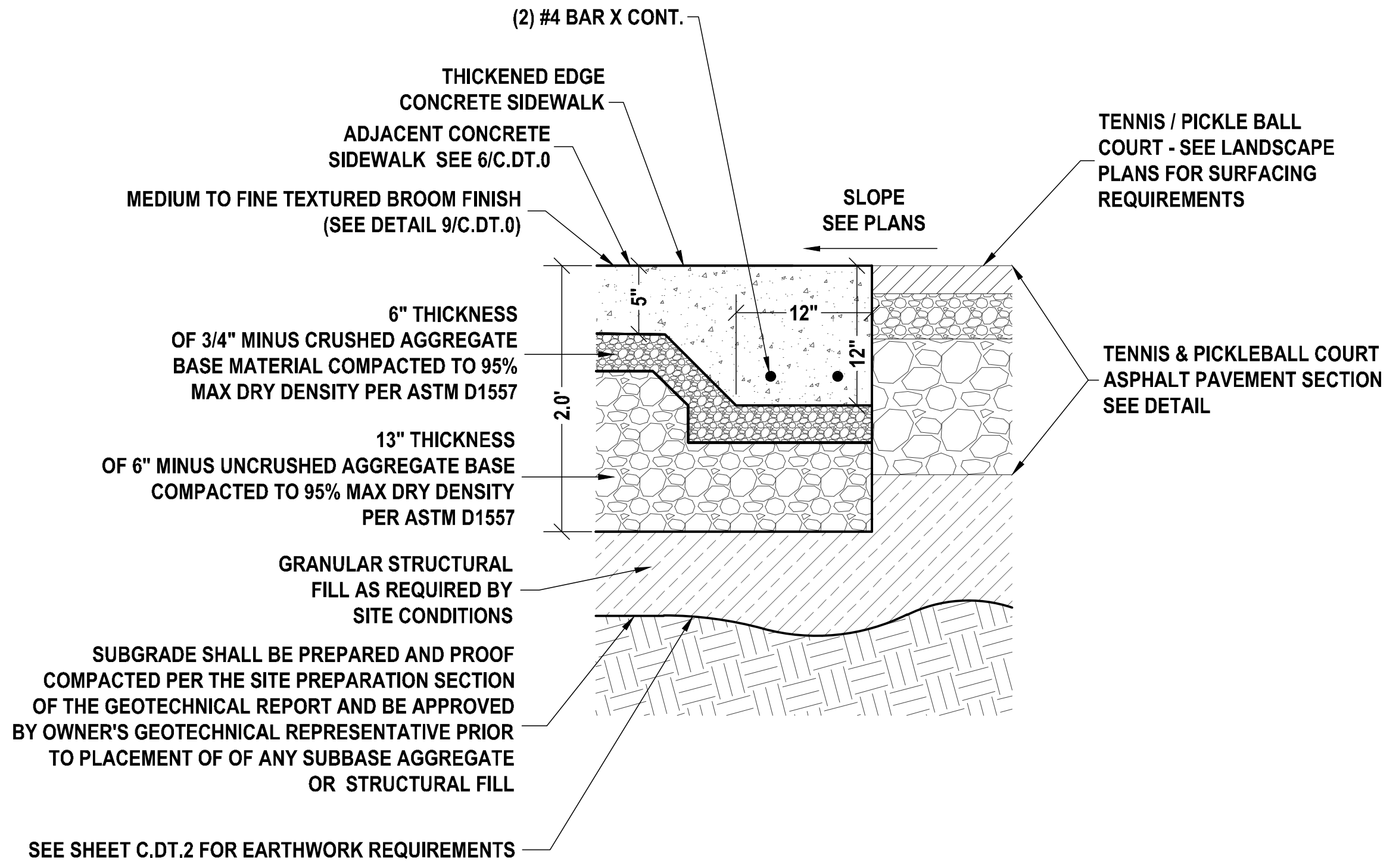
SHEET TITLE:
DETAILS - 0

SHEET NUMBER:
C.DT.0


(2) #4 BAR X CONT.
THICKENED EDGE CONCRETE SIDEWALK
ADJACENT CONCRETE SIDEWALK SEE 6/C.DT.0
MEDIUM TO FINE TEXTURED BROOM FINISH (SEE DETAIL 9/C.DT.0)
6" THICKNESS OF 3/4" MINUS CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
13" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF OF ANY SUBBASE AGGREGATE OR STRUCTURAL FILL
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
FENCE POST (SEE LANDSCAPE)
TENNIS / PICKLE BALL COURT - SEE LANDSCAPE PLANS FOR SURFACING REQUIREMENTS
6"
5"
12"
12"
2.0'
2"
TENNIS & PICKLEBALL COURT ASPHALT PAVEMENT SECTION SEE DETAIL
CONCRETE FENCE POST FOOTING (SEE LANDSCAPE)
NOTE: SEE LANDSCAPE PLANS FOR FENCING, POST, AND FOUNDATION REQUIREMENTS.

THICKENED EDGE SIDEWALK - AT FENCE POST

N.T.S.


(2) #4 BAR X CONT.
THICKENED EDGE CONCRETE SIDEWALK
ADJACENT CONCRETE SIDEWALK SEE 6/C.DT.0
MEDIUM TO FINE TEXTURED BROOM FINISH (SEE DETAIL 9/C.DT.0)
SLOPE SEE PLANS
TENNIS / PICKLE BALL COURT - SEE LANDSCAPE PLANS FOR SURFACING REQUIREMENTS
6" THICKNESS OF 3/4" MINUS CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
13" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
5"
12"
12"
2.0'
TENNIS & PICKLEBALL COURT ASPHALT PAVEMENT SECTION SEE DETAIL
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF OF ANY SUBBASE AGGREGATE OR STRUCTURAL FILL
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

THICKENED EDGE SIDEWALK

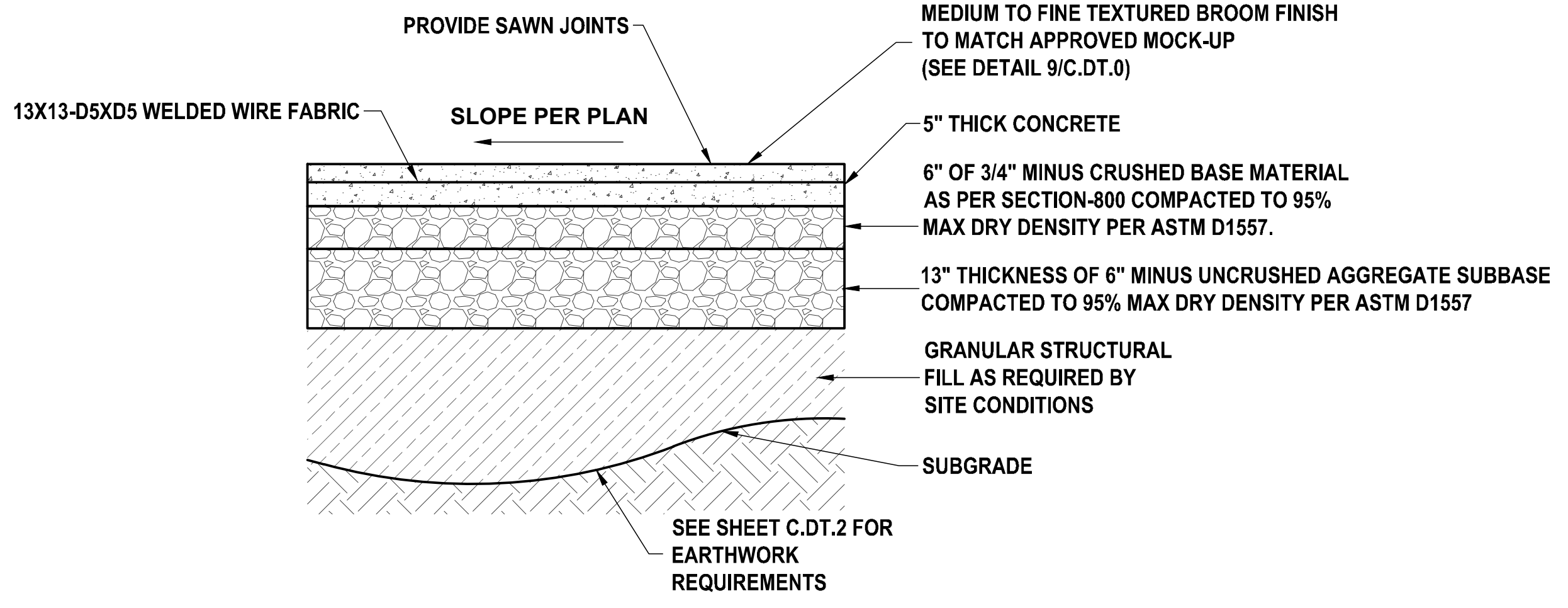
N.T.S.

NOTES

1. SEE PLANS FOR SIDEWALK WIDTHS AND LOCATIONS.
2. SEE PLAN FOR SIDEWALK SLOPE REQUIREMENTS - POSITIVE DRAINAGE SHALL BE PROVIDED FROM ALL TENNIS COURT/PICKLE BALL COURT, AND CONCRETE PAVEMENT SURFACES TOWARDS THE ADJACENT LANDSCAPE AREAS.
3. SIDEWALK SHALL HAVE A LIGHT BROOM SURFACE FINISH - SURFACE FINISH MOCKUP SHALL BE APPROVED BY OWNER PRIOR TO PLACEMENT OF CONCRETE PAVEMENT.
4. BASE TO BE COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTMD1557.
5. JOINTS: PROVIDE JOINTS AT INTERVALS AS SHOWN ON THE PLANS. SEE CONCRETE JOINTS DETAIL FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
7. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

THICKENED EDGE SIDEWALK ADJACENT TO TENNIS & PICKLEBALL COURTS

1
C.DT.1


PROVIDE SAWN JOINTS
13X13-D5XD5 WELDED WIRE FABRIC
SLOPE PER PLAN
MEDIUM TO FINE TEXTURED BROOM FINISH TO MATCH APPROVED MOCK-UP (SEE DETAIL 9/C.DT.0)
5" THICK CONCRETE
6" OF 3/4" MINUS CRUSHED BASE MATERIAL AS PER SECTION-800 COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557.
13" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE SUBBASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

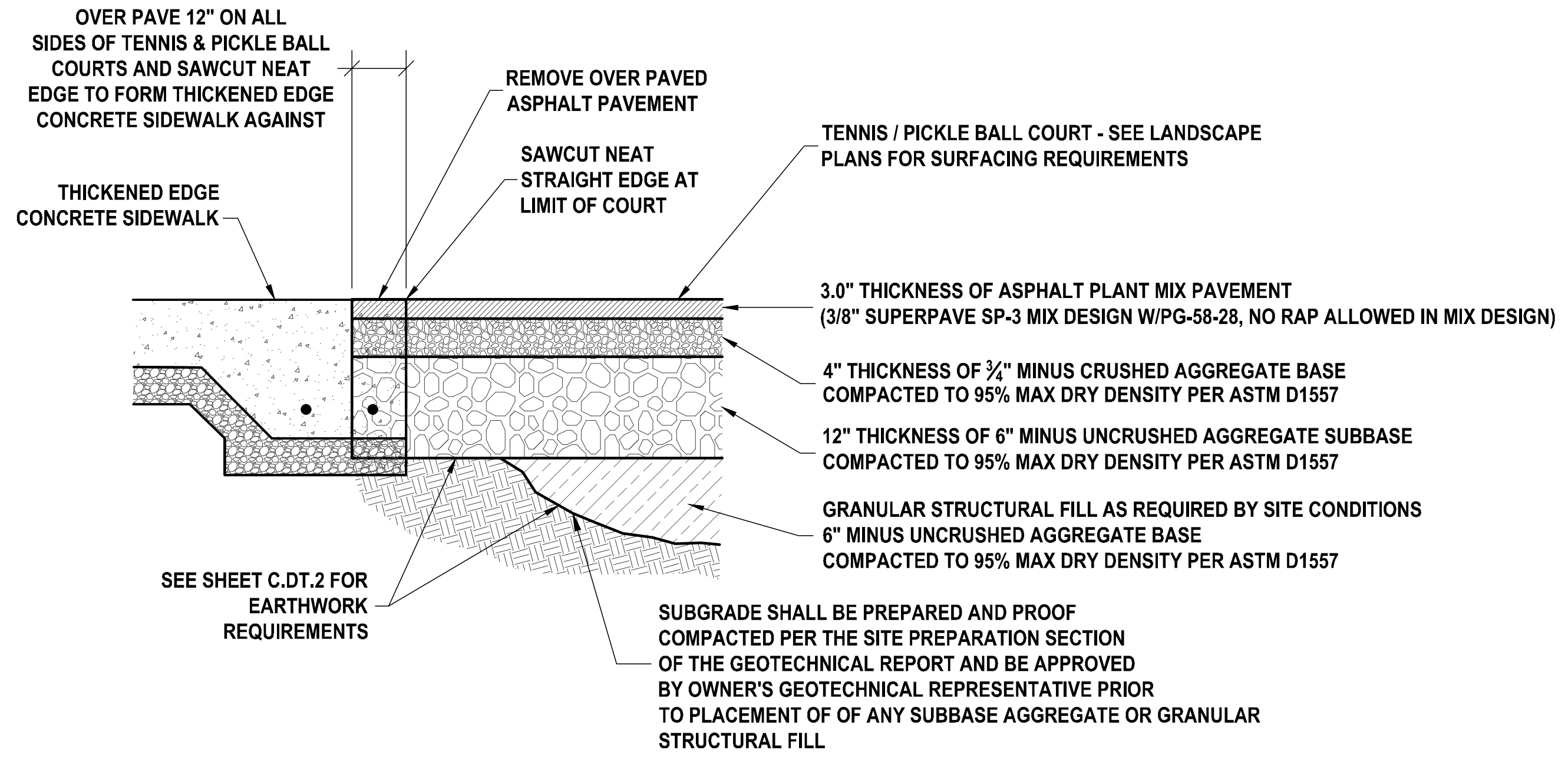
BASKETBALL COURT CONCRETE PAVEMENT

NOTES

1. BASE TO BE COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTMD1557.
3. BASKETBALL COURT SHALL HAVE A LIGHT - MEDIUM BROOM SURFACE FINISH - SURFACE FINISH MOCKUP SHALL BE APPROVED BY OWNER PRIOR TO PLACEMENT OF CONCRETE PAVEMENT.
4. SEE LANDSCAPE PLAN FOR FLATWORK SAWCUT JOINTING REQUIREMENTS.
5. 1/2" TRANSVERSE PREFORMED BITUMINOUS JOINTS AT THE TERMINUS POINTS FOR CURVE AND WHERE SIDEWALK IS PLACED BETWEEN TWO PERMANENT FOUNDATIONS, PLACE 1/2" EXPANSION JOINT MATERIAL ALONG THE BACK OF WALK THE FULL LENGTH.
6. PROVIDE 4,000 PSI CONCRETE WITH A MODULUS OF RUPTURE GREATER THAN 600 PSI GENERALLY COMPLYING WITH ITD'S REQUIREMENTS FOR URBAN CONCRETE.
7. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

BASKETBALL COURT CONCRETE PAVEMENT

2
C.DT.1


OVER PAVE 12" ON ALL SIDES OF TENNIS & PICKLE BALL COURTS AND SAWCUT NEAT EDGE TO FORM THICKENED EDGE CONCRETE SIDEWALK AGAINST
THICKENED EDGE CONCRETE SIDEWALK
REMOVE OVER PAVED ASPHALT PAVEMENT
SAWCUT NEAT STRAIGHT EDGE AT LIMIT OF COURT
TENNIS / PICKLE BALL COURT - SEE LANDSCAPE PLANS FOR SURFACING REQUIREMENTS
3.0" THICKNESS OF ASPHALT PLANT MIX PAVEMENT (3/8" SUPERPAVE SP-3 MIX DESIGN W/PG-58-28, NO RAP ALLOWED IN MIX DESIGN)
4" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
12" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE SUBBASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF OF ANY SUBBASE AGGREGATE OR GRANULAR STRUCTURAL FILL

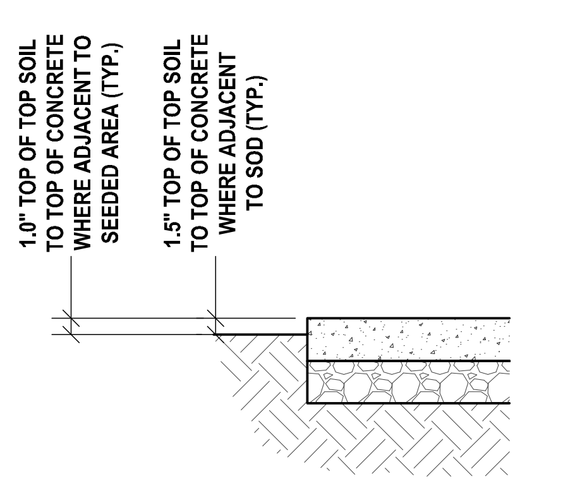
TENNIS & PICKLEBALL COURT ASPHALT PAVEMENT SECTION

NOTES

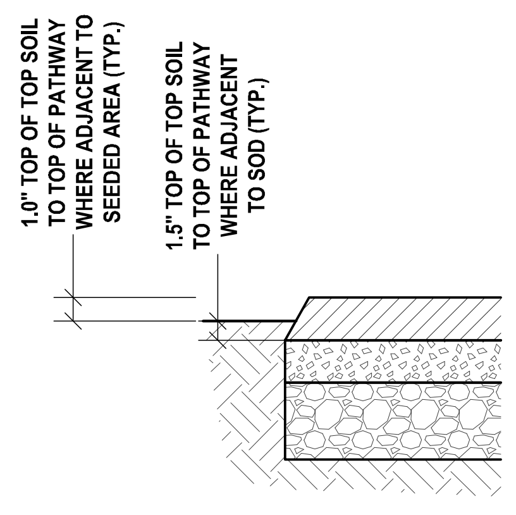
1. ALL ASPHALT PAVEMENTS AND BASE MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT.
2. ASPHALT PAVEMENT MIX DESIGN SHALL MEET THE REQUIREMENTS OF ISPWC SECTION 810 "PLANT MIX PAVEMENT" - NO RECLAIMED ASPHALT PAVEMENT (RAP) IS PERMITTED IN THE MIX DESIGN.
3. AGGREGATE BASE MATERIALS (3/4" MINUS CRUSHED AGGREGATE & 6" MINUS UNCRUSHED AGGREGATE) MATERIALS SHALL COMPLY WITH DIVISION 800 OF THE ISPWC.
4. ALL SUBGRADES, STRUCTURAL FILL, AND BASE MATERIAL PREPARATIONS SHALL BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO COVERING UP THE WORK OR PLACING SUBSEQUENT LIFTS.
5. ASPHALT PAVEMENT SHALL BE COMPACTED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT. DENSITY TESTING SHALL BE PERFORMED RANDOMLY ACROSS THE SITE AT A FREQUENCY TO BE DETERMINED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE.
6. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

TENNIS & PICKLEBALL COURT ASPHALT PAVEMENT SECTION

3
C.DT.1


1.0" TOP OF TOP SOIL TO TOP OF CONCRETE WHERE ADJACENT TO SEEDED AREA (TYP.)
1.5" TOP OF TOP SOIL TO TOP OF CONCRETE WHERE ADJACENT TO SOD (TYP.)

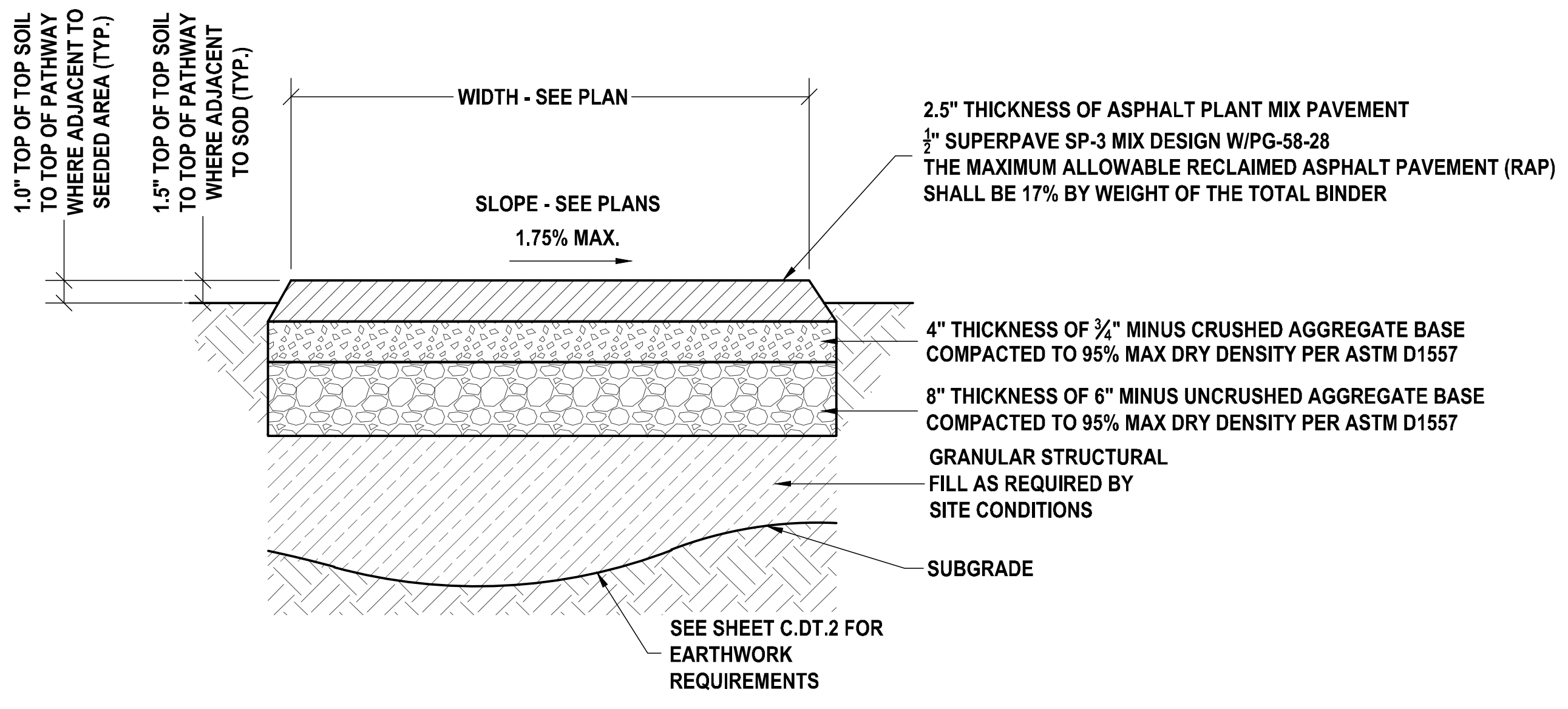
GRADING ADJACENT TO ASPHALT PATHWAY


1.0" TOP OF TOP SOIL TO TOP OF PATHWAY WHERE ADJACENT TO SEEDED AREA (TYP.)
1.5" TOP OF TOP SOIL TO TOP OF PATHWAY WHERE ADJACENT TO SOD (TYP.)

GRADING ADJACENT TO ASPHALT PATHWAY

GRADING ADJACENT TO ASPHALT PATHWAYS AND CONCRETE PAVEMENT

4
C.DT.1


1.0" TOP OF TOP SOIL TO TOP OF PATHWAY WHERE ADJACENT TO SEEDED AREA (TYP.)
1.5" TOP OF TOP SOIL TO TOP OF PATHWAY WHERE ADJACENT TO SOD (TYP.)
WIDTH - SEE PLAN
SLOPE - SEE PLANS
1.75% MAX.
2.5" THICKNESS OF ASPHALT PLANT MIX PAVEMENT ½" SUPERPAVE SP-3 MIX DESIGN W/PG-58-28 THE MAXIMUM ALLOWABLE RECLAIMED ASPHALT PAVEMENT (RAP) SHALL BE 17% BY WEIGHT OF THE TOTAL BINDER
4" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
8" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
SUBGRADE
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS

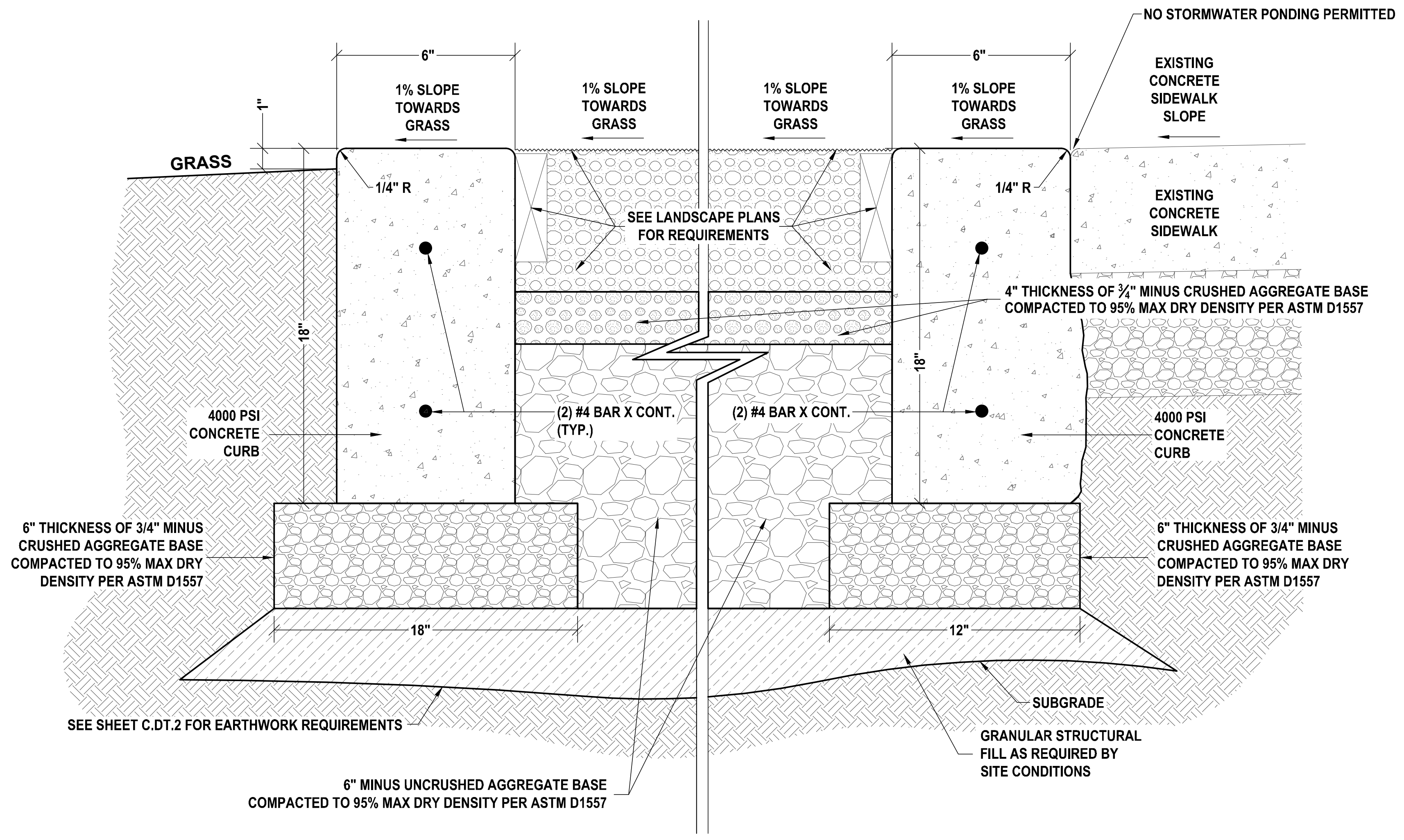
ASPHALT PATHWAY

NOTES

1. ALL ASPHALT PAVEMENTS AND BASE MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT.
2. AGGREGATE BASE MATERIALS (3/4" MINUS CRUSHED AGGREGATE & 6" MINUS UNCRUSHED AGGREGATE) MATERIALS SHALL COMPLY WITH DIVISION 800 OF THE ISPWC.
3. ALL SUBGRADES, STRUCTURAL FILL, AND BASE MATERIAL PREPARATIONS SHALL BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO COVERING UP THE WORK OR PLACING SUBSEQUENT LIFTS.
4. ASPHALT PAVEMENT SHALL BE COMPACTED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT. DENSITY TESTING SHALL BE PERFORMED RANDOMLY ACROSS THE SITE AT A FREQUENCY TO BE DETERMINED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE.
5. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
6. NON-CONTAINED ASPHALT PAVEMENT EDGES SHALL BE HAND TAMPED TO PROVIDE A 45° EDGE.
7. STRAIGHT HORIZONTAL TOLERANCES: COMPLIANCE WITH HORIZONTAL STRAIGHTNESS SHALL BE SUCH THAT THE MAX GAP = 1" WHEN A 10-FOOT STRAIGHT EDGE IS PLACED AGAINST THE FINISHED CONCRETE SURFACE.
8. ARC OR TANGENT HORIZONTAL TOLERANCES: COMPLIANCE WITH PATHWAY ARCS AND TANGENTS SHALL BE SUCH THAT THE MAX GAP = 1" WHEN COMPACTED TO THE DESIGN HORIZONTAL ALIGNMENT.
9. PATHWAY WIDTH TOLERANCES: COMPLIANCE WITH PATHWAY WIDTH SHALL BE SUCH THAT THE PATHWAY EDGES SHALL BE PARALLEL TO EACH OTHER AS DRAWN, AND THE OVERALL PATHWAY WIDTH SHALL SHALL BE 0" TO +1" WHEN COMPARED TO THE DESIGN WIDTH, NO MINUS.
10. ELEVATION TOLERANCES: ELEVATION COMPLIANCE SHALL BE +/- 1/4 INCH.
11. PAVEMENT THICKNESS TOLERANCES: PLUS 3/8 INCH, NO MINUS.
12. CONTRACTOR SHALL REMOVE AND REPLACE THE FULL WIDTH OF THE ASPHALT PATHWAY AT LOCATIONS WHERE HORIZONTAL, VERTICAL, WIDTH OR THICKNESS TOLERANCES ARE NOT ACHIEVED. SAW CUTTING PATHWAY EDGES TO ACHIEVE TOLERANCES SHALL NOT BE ALLOWED. NO SEPARATE PAYMENT SHALL BE MADE.

ASPHALT PATHWAY

5
C.DT.1

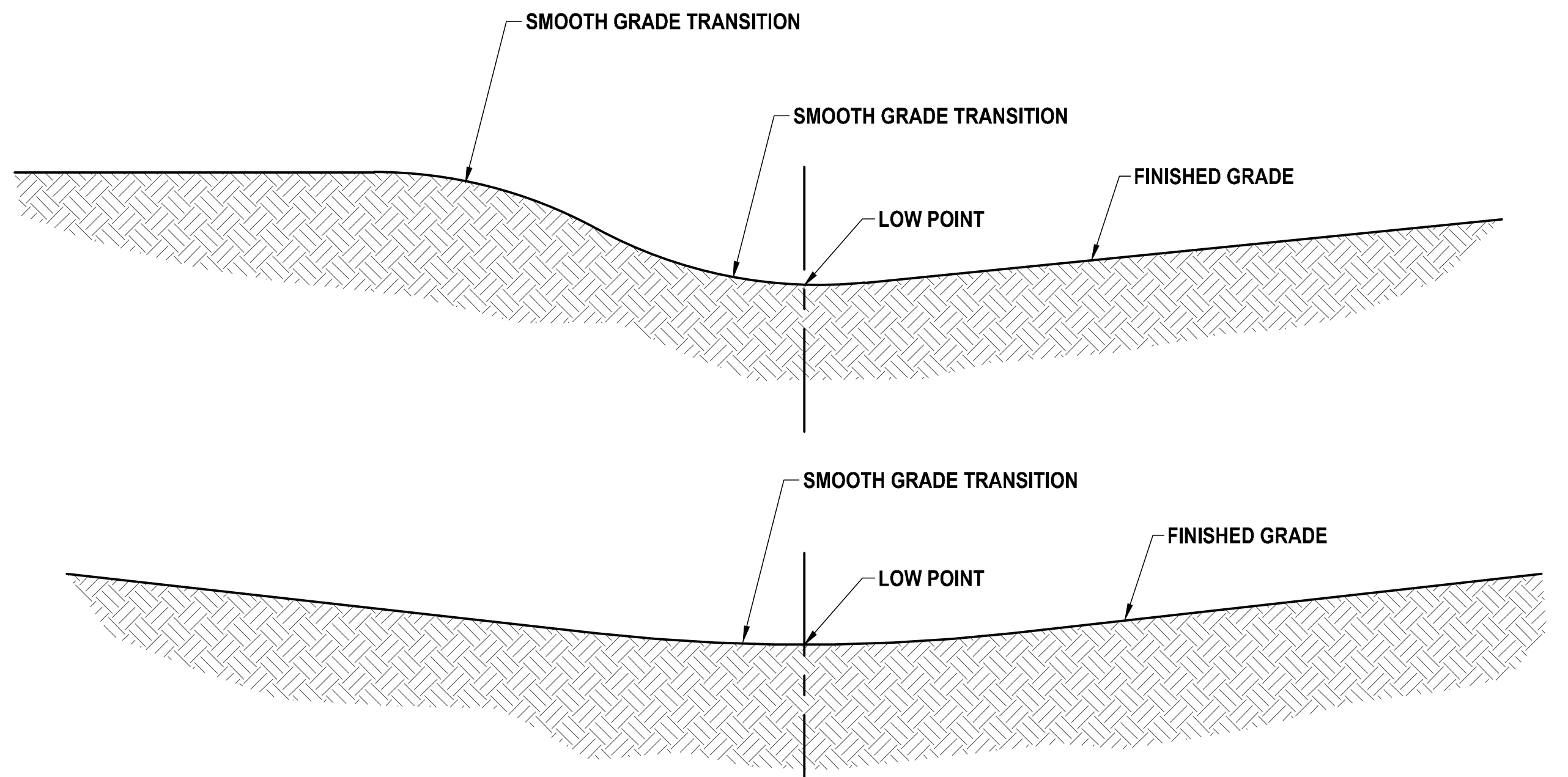

NO STORMWATER PONDING PERMITTED
6"
6"
1"
1% SLOPE TOWARDS GRASS
1% SLOPE TOWARDS GRASS
1% SLOPE TOWARDS GRASS
1% SLOPE TOWARDS GRASS
EXISTING CONCRETE SIDEWALK SLOPE
GRASS
1/4" R
1/4" R
SEE LANDSCAPE PLANS FOR REQUIREMENTS
EXISTING CONCRETE SIDEWALK
4" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
18"
18"
4000 PSI CONCRETE CURB
(2) #4 BAR X CONT. (TYP.)
(2) #4 BAR X CONT.
4000 PSI CONCRETE CURB
6" THICKNESS OF 3/4" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
6" THICKNESS OF 3/4" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
18"
12"
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS
6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557

NOTES

1. GRADE AND ALIGNMENT TO BE ESTABLISHED BY THE CONTRACTOR
2. BASE: 4-INCH COMPACTED DEPTH OF 3/4-INCH MINUS CRUSHED AGGREGATE BASE MATERIAL, PLACE AS SPECIFIED UNDER SECTION-802 ISPWC; COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTM D1557
3. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).
4. MATERIALS AND CONSTRUCTION IN COMPLIANCE WITH ISPWC SPECIFICATIONS.
5. BACKFILL AS PER SECTION-706.
6. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
7. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

CONCRETE RIBBON CURB - 40 YD DASH

6
C.DT.1



NOTES:

1. WITHIN LANDSCPE AREAS PROVIDE SMOOTH, ROUNDED SLOPE TRANSITIONS AT GRADE BREAKS AND FLOW LINES WITH POSITIVE DRAINAGE TO INLETS.

TYPICAL GRADE BREAK AND FLOW LINE SLOPE TRANSITION

7
C.DT.1

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

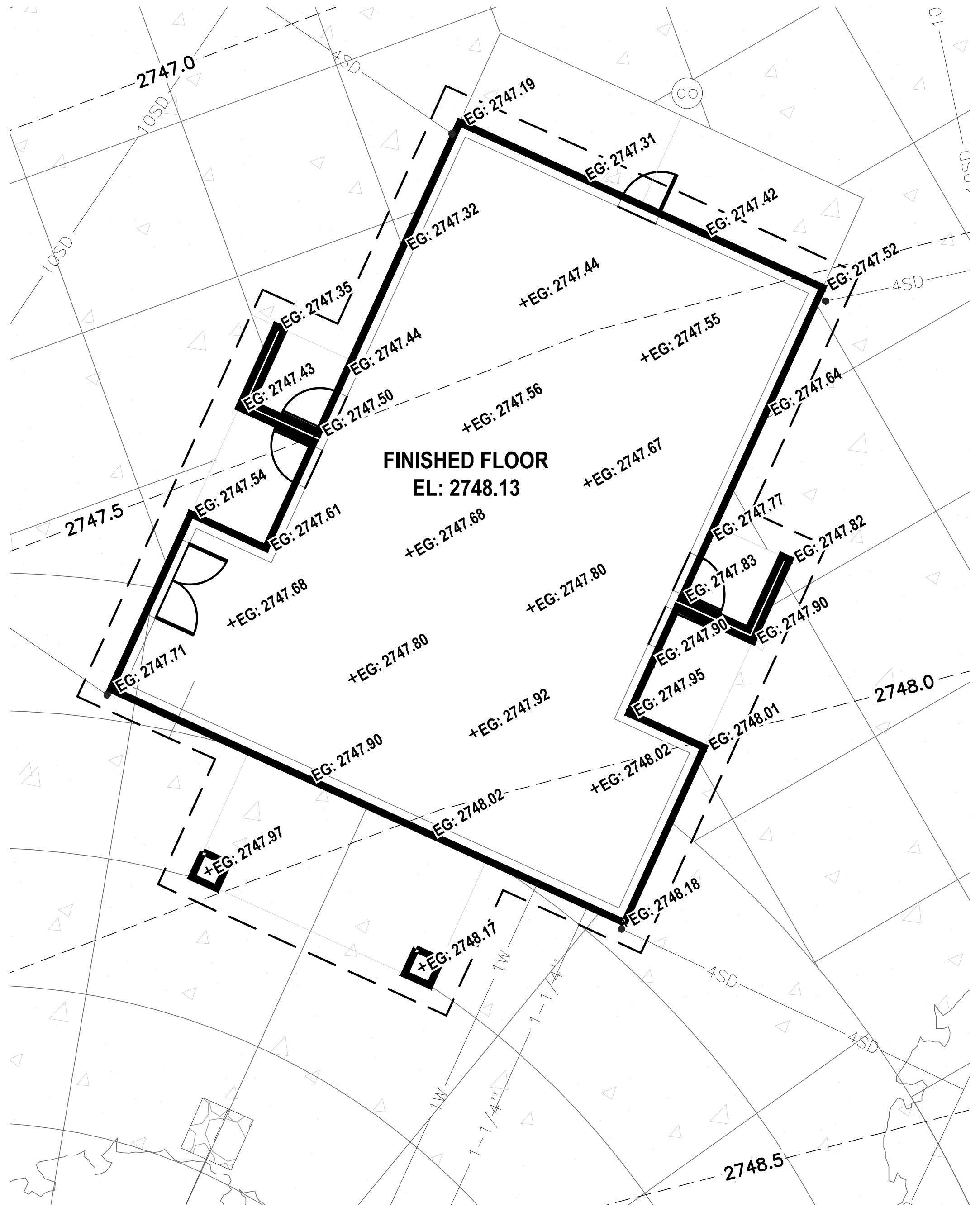
NO.	REVISION	DATE

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

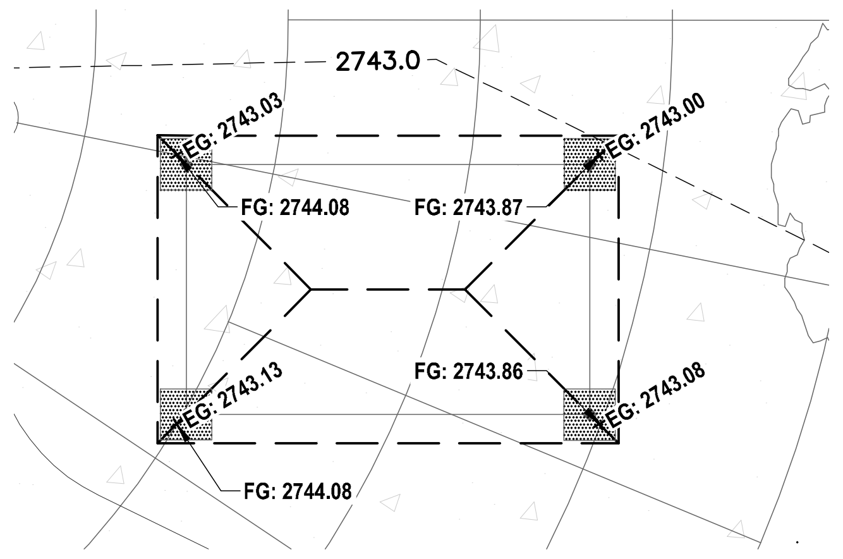
JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET TITLE:
DETAILS - 1

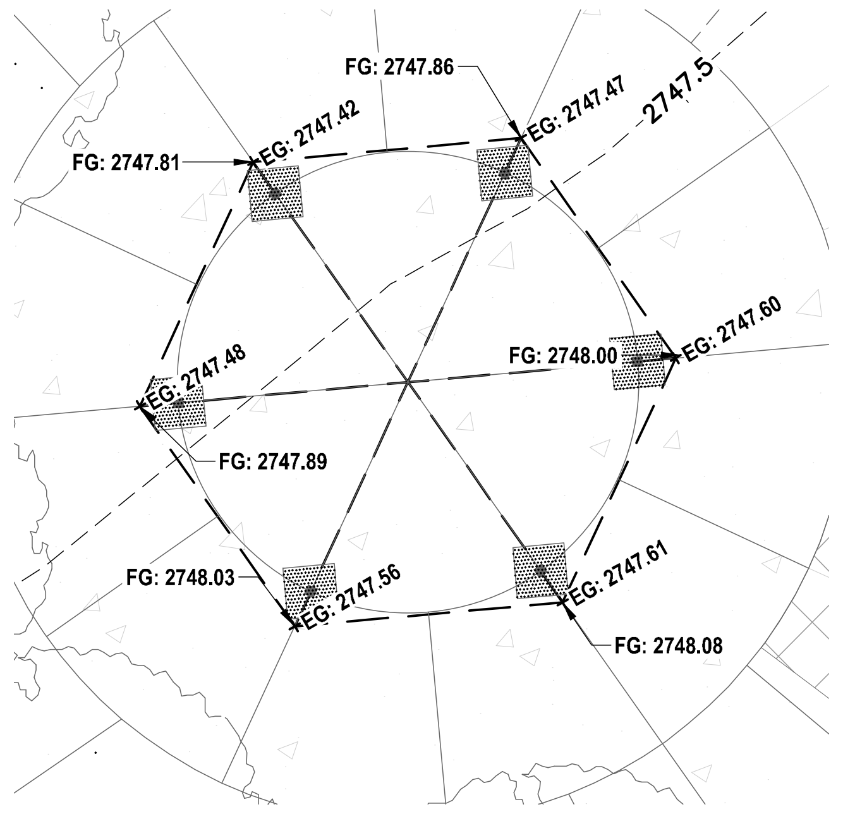
SHEET NUMBER:
C.DT.1



RESTROOM/CONCESSIONS BUILDING



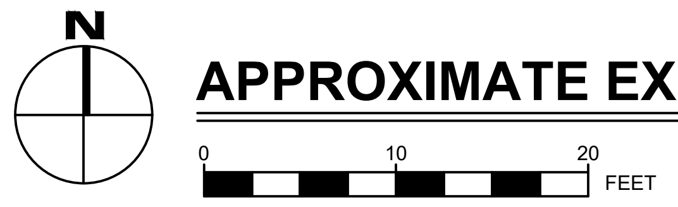
SHELTER #1 (TENNIS COURTS)



SHELTER #2 (TEEN AREA)

LEGEND

EG	EXISTING GRADE
---2700.00---	EXISTING GRADE CONTOUR
⊕ TP-3	GEOTECHNICAL REPORT TEST PIT NUMBER



APPROXIMATE EXISTING GRADES WITHIN STRUCTURE ENVELOPES

EARTHWORK PREPARATION, AND PLACEMENT OF FILL SHALL BE COMPLETED IN ACCORDANCE WITH THE FOLLOWING TABLE FOR THE SPECIFIC LOCATION/FEATURE INDICATED

ALL WORK, INCLUDING BUT NOT LIMITED TO, EARTHWORK, EXCAVATION, HAUL-OFF, BACKFILL, IMPORT, AND FILL SHALL BE INCLUDED IN THE PROJECT BID FOR THE WORK NO SEPARATE PAYMENT SHALL BE MADE

DEFINITIONS:

SUBGRADE - SURFACE OR ELEVATION REMAINING AFTER COMPLETING EXCAVATION AND OVER EXCAVATION AS SPECIFICALLY INDICATED ON THE PLANS - IMMEDIATELY BELOW SUBBASE, OR TOPSOIL MATERIALS.

SUBBASE - LAYER PLACED BETWEEN THE SUBGRADE AND THE BOTTOM ELEVATION OF STRUCTURE FOUNDATIONS, THE BOTTOM ELEVATION OF THE STRUCTURE SLAB DRAINAGE COURSE, THE BOTTOM ELEVATION OF THE LOWEST BASE COURSE FOR ASPHALT PAVING AND SITE CONCRETE FEATURES, OR THE BOTTOM ELEVATION OF A TOPSOIL COURSE.

BASE COURSE - LAYER PLACED BETWEEN THE SUBBASE COURSE AND ASPHALT OR CONCRETE PAVING. INCLUDES 3/4" (TYPE-1) CRUSHED AGGREGATE BASE COURSE COMPLYING WITH ISPWC SECTION 802, AND 6-INCH MINUS UNCRUSHED AGGREGATE BASE COURSE "PIT-RUN" COMPLYIING WITH ISPWC SECTION 801.

GRANULAR STRUCTURAL FILL - IMPORTED 6" MINUS UNCRUSHED AGGREGATE BASE AS PER THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION SECITON 801. MATERIAL SHALL HAVE NO MORE THAN 12 PERCENT FINES (PASSING THE NO. 200 SIEVE).

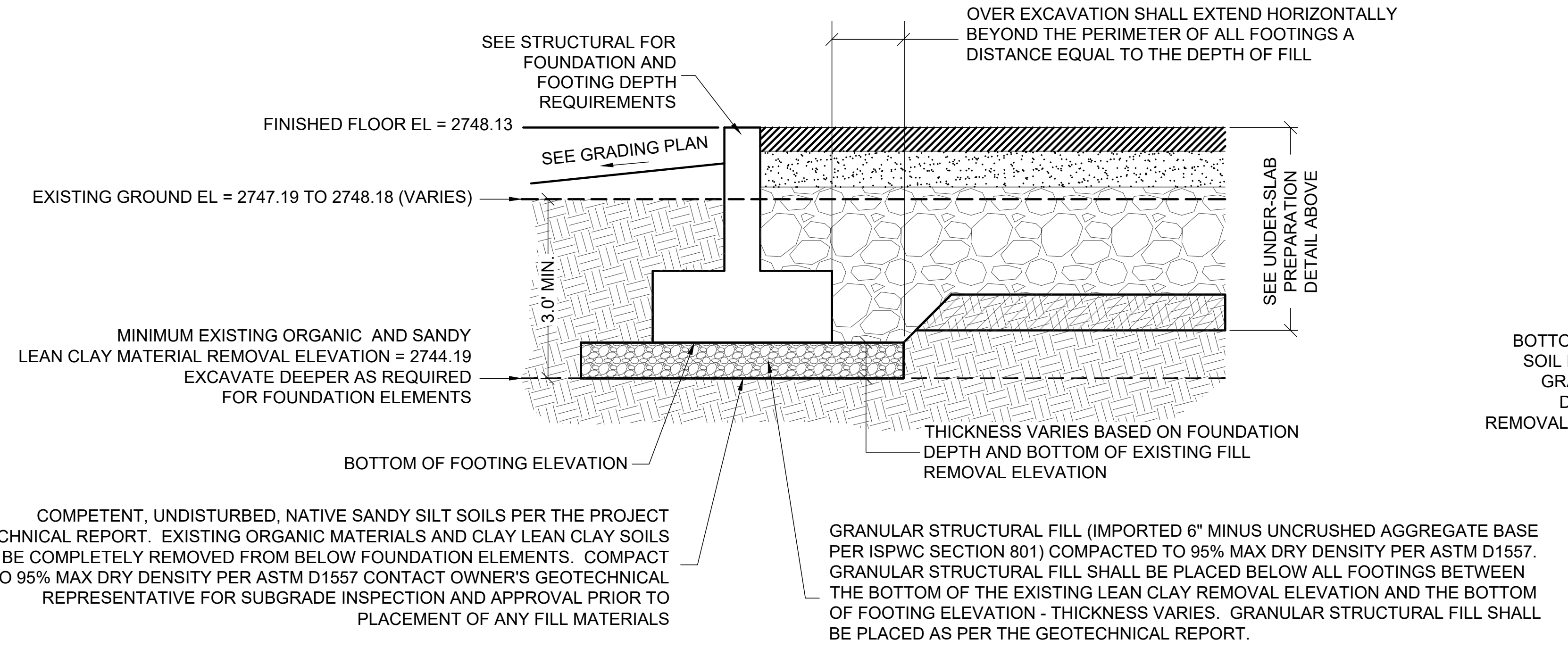
STRUCTURAL FILL - SEE PROJECT GEOTECHNICAL REPORT FOR DEFINITION.

DRAINAGE COURSE - 4" THICK LAYER OF 3/4" MINUS TYPE-1 CRUSHED AGGREGATE BASE MATERIAL COMPLYING WITH IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC). DRAINAGE COURSE LAYER IS PLACED BETWEEN THE TOP OF THE SUBBASE COURSE AND THE BOTTOM OF THE BUIILDNG CONCRETE SLAB.

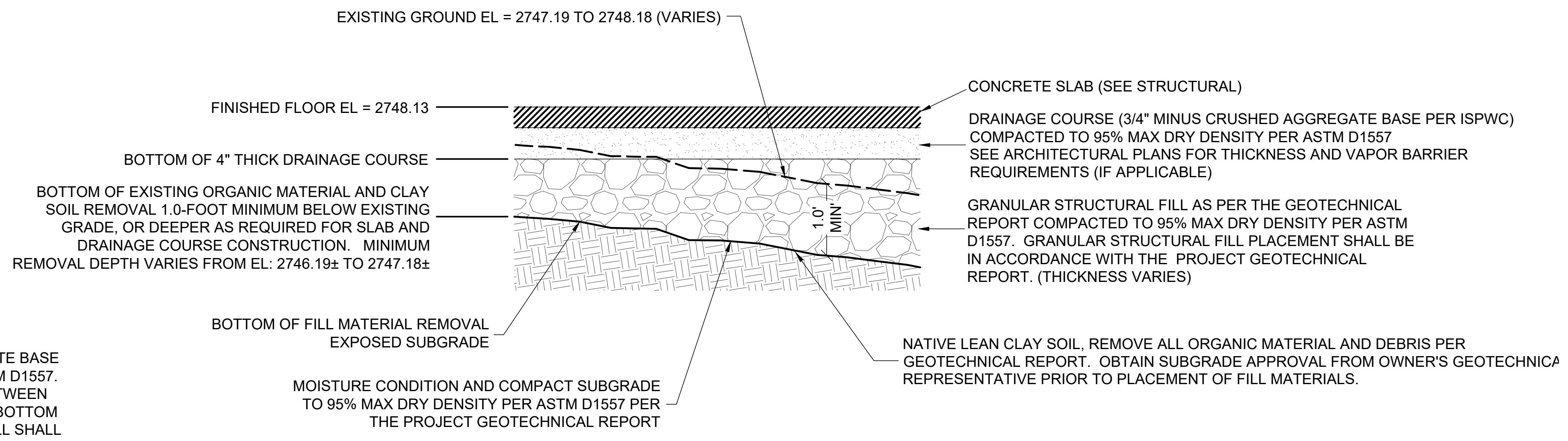
LOCATION/FEATURE	EARTHWORK & SUBGRADE PREPARATION	FILL REQUIREMENTS
A. APPLICABLETO ALL ONSITE WORK, AND WORK WITHIN THE S. RECREACTION AVE. RIGHT OF WAY - ALL CONCRETE SIDEWALKS, CURBS, GUTTERS, SITE CONCRETE PAVEMENT, ASPHALT PAVEMENT, GRAVEL AREAS AROUND EXISTING MAINTENANCE SHOP, 40-YD DASH, BOCCEBALL COURTS, TENNIS COURTS, AND PICKLEBALL COURTS.	STRIP ALL ORGANIC MATERIALS AND ASSOCIATED ROOT ZONES. EXCAVATE AS REQUIRED FOR FEATURE AGGREGATE BASE COURSE SECTIONS. THE EXPOSED SUBGRADE SHALL BE MOISTURE CONDITIONED, AND COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557 FOR FLEXIBLE PAVEMENTS; AND TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557 FOR RIGID PAVEMENTS IN ACORDANCE WITH THE PROJECT GEOTECHNICAL REPORT. ALL EXISTING ORGANICS AND DEBRIS SHALL BE COMPLETELY REMOVED.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF THE FEATURE BASE COURSE ELEVATION BY PLACING GRANULAR STRUCTURAL FILL EXTENDING HORIZONTALLY A DISTANCE EQUAL TO THE DEPTH OF THE FILL BEYOND THE FEATURE ON ALL SIDES, WITH EACH LIFT COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557. GRANULAR STRUCTURAL FILL SHALL BE MOISTURE CONDITIONED AND PLACED IN 1.0 FOOT MAXIMUM LOOSE LIFTS AS PER THE STRUCTURAL FILL SECTION OF THE GEOTECHNICAL REPORT.
B. UNDER RESTROOM/CONCESSIONS BUILDING FOUNDATIONS.	OVER EXCAVATE AT FOOTING LOCATIONS 3.0-FEET MINIMUM BELOW THE EXISTING GROUND ELEVATION TO EL: 2744.19 TO EXPOSE COMPETENT, UNDISTURBED, NATIVE SANDY SILT SOIL. ALL EXISTING DEBRIS, ORGANIC, AND FILL MATERIALS SHALL BE COMPLETELY REMOVED FROM BENEATH FOUNDATION ELEMENTS - EXCAVATE DEEPER AS REQUIRED FOR FOUNDATION ELEMENTS. OVEREXCAVATION SHALL EXTEND HORIZONTALLY BEYOND THE PERIMETER OF ALL FOOTINGS A DISTANCE EQUAL TO THE DEPTH OF FILL. THE EXPOSED SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF FOUNDATION ELEVATION BY PLACING GRANULAR STRUCTURAL FILL (IMPORTED 6" MINUS UNCRUSHED AGGREGATE BASE PER ISPWC SECTION 801) IN 12-INCH MAXIMUM LOOSE LIFTS, EXTENDING HORIZONTALLY BEYOND THE PERIMETER OF ALL FOOTINGS A DISTANCE EQUAL TO THE DEPTH OF FILL, OR 5-FEET, WHICHEVER IS LESS. GRANULAR STRUCTURAL FILL SHALL BE MOISTURE CONDITONED AND EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
C. UNDER RESTROOM/CONCESSIONS BUILDING SLAB.	STRIP ALL ORGANIC MATERIALS AND ASSOCIATED ROOT ZONES. ESTABLISH SUBGRADE BY REMOVING ALL EXISTING FILL MATERIALS AND LEAN CLAY SOIL TO A MINIMUM DEPTH OF 1.0-FOOT BELOW THE EXISTING GROUND ELEVATION OR DEEPER AS REQUIRED FOR SLAB AND DRAINAGE COURSE CONSTRUCTION. THE MINIMUM REMOVAL DEPTH VARIES FROM 2746.19 +/- TO EL: 22747.18 +/-. THE UPPER 6-INCHES OF THE EXPOSED SUBGRADE SHALL MOISTURE CONDITIONED, AND COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557. ALL EXISTING ORGANICS AND DEBRIS SHALL BE COMPLETELY REMOVED FROM BENEATH SLAB ELEMENTS.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF DRAINAGE COURSE ELEVATION BY PLACING STRUCTURAL FILL OR GRANULAR STRUCTURAL (IMPORTED 6" MINUS UNCRUSHED AGGREGATE BASE PER ISPWC SECTION 801). STRUCTURAL FILL SHALL BE MOISTURE CONDITONED AND PLACED IN 6 INCH THICKNESS MAXIMUM LOOSE LIFTS AS PER THE STRUCTURAL FILL SECTION OF THE GEOTECHNICAL REPORT. GRANULAR STRUCTURAL FILL SHALL BE MOISTURE CONDITIONED AND PLACED IN 1.0 FOOT MAXIMUM LOOSE LIFTS AS PER THE STRUCTURAL FILL SECTION OF THE GEOTECHNICAL REPORT. STRUCTURAL FILL OR GRANULAR STRUCTURAL FILL SHALL EXTEND HORIZONTALLY BEYOND THE PERIMETER OF ALL SLABS A DISTANCE EQUAL TO THE DEPTH OF FILL, OR 5-FEET, WHICHEVER IS LESS, WITH EACH LIFT COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
D. UNDER SHELTER #1 FOOTINGS (TENNIS COURTS)	OVER EXCAVATE AT FOOTING LOCATIONS 3.0-FEET MINIMUM BELOW THE EXISTING GROUND ELEVATION TO EL: 2740.00 TO EXPOSE COMPETENT, UNDISTURBED, NATIVE SANDY SILT SOIL. ALL EXISTING DEBRIS, ORGANIC, AND FILL MATERIALS SHALL BE COMPLETELY REMOVED FROM BENEATH FOUNDATION ELEMENTS - EXCAVATE DEEPER AS REQUIRED FOR FOUNDATION ELEMENTS. OVEREXCAVATION SHALL EXTEND HORIZONTALLY BEYOND THE PERIMETER OF ALL FOOTINGS A DISTANCE EQUAL TO THE DEPTH OF FILL. THE EXPOSED SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF FOUNDATION ELEVATION BY PLACING GRANULAR STRUCTURAL FILL (IMPORTED 6" MINUS UNCRUSHED AGGREGATE BASE PER ISPWC SECTION 801) IN 12-INCH MAXIMUM LOOSE LIFTS, EXTENDING HORIZONTALLY BEYOND THE PERIMETER OF ALL FOOTINGS A DISTANCE EQUAL TO THE DEPTH OF FILL, OR 5-FEET, WHICHEVER IS LESS. GRANULAR STRUCTURAL FILL SHALL BE MOISTURE CONDITONED AND EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
E. UNDER SHELTER #2 FOOTINGS (TEEN AREA)	OVER EXCAVATE AT FOOTING LOCATIONS 3.0-FEET MINIMUM BELOW THE EXISTING GROUND ELEVATION TO EL: 2744.42 TO EXPOSE COMPETENT, UNDISTURBED, NATIVE SANDY SILT SOIL. ALL EXISTING DEBRIS, ORGANIC, AND FILL MATERIALS SHALL BE COMPLETELY REMOVED FROM BENEATH FOUNDATION ELEMENTS - EXCAVATE DEEPER AS REQUIRED FOR FOUNDATION ELEMENTS. OVEREXCAVATION SHALL EXTEND HORIZONTALLY BEYOND THE PERIMETER OF ALL FOOTINGS A DISTANCE EQUAL TO THE DEPTH OF FILL. THE EXPOSED SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF FOUNDATION ELEVATION BY PLACING GRANULAR STRUCTURAL FILL (IMPORTED 6" MINUS UNCRUSHED AGGREGATE BASE PER ISPWC SECTION 801) IN 12-INCH MAXIMUM LOOSE LIFTS, EXTENDING HORIZONTALLY BEYOND THE PERIMETER OF ALL FOOTINGS A DISTANCE EQUAL TO THE DEPTH OF FILL, OR 5-FEET, WHICHEVER IS LESS. GRANULAR STRUCTURAL FILL SHALL BE MOISTURE CONDITONED AND EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
F. LANDSCAPE AREAS	STRIP THE EXISTING GROUND SURFACE TO REMOVE ALL DEBRIS, ORGANIC MATERIALS, AND ROOTS. EXCAVATE TO SUBGRADE. THE EXPOSED SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D698.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF TOPSOIL SECTION BY PLACING CLEAN FILL (GW, GP, SW, SP, GM, SM, ML-FILL, CL-FILL) FREE OF ORGANIC MATERIAL AND DEBRIS IN 12-INCH MAX LOOSE LIFTS FOR GW, GP, SW AND SP MATERIALS AND 6-INCH MAX LIFTS FOR GM, SM, ML-FILL AND CL-FILL MATERIALS WITH EACH LIFT COMPACTED TO 85% OF THE MAXIMUM DRY DENSITY PER ASTM D1557. SEE LANDSCAPE PLAN FOR TOPSOIL REQUIREMENTS.
G. WITHIN AREAS WHERE EXISTING UNDERGROUND FEATURES ARE TO BE REMOVED FROM FROM THE SITE INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES, EXISTING TREES, OR OTHER FEATURES TO BE REMOVED THAT REQUIRE EXCAVATION BELOW THE EXISTING GRADE SURFACE.	OVEREXCAVATE TO REMOVE EXISTING FEATURES AND ASSOCIATED BEDDING MATERIALS TO EXPOSE NATIVE SOILS. THE EXPOSED SUBGRADE SHALL BE MOISTURE CONDITIONED AND RE-COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557 IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT. REQUEST SUBGRADE APPROVAL FROM OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF ANY FILL.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF FOUNDATION OR DRAINAGE COURSE ELEVATION BY PLACING STRUCTURAL FILL OR GRANULAR STRUCTURAL (IMPORTED 6" MINUS UNCRUSHED AGGREGATE BASE PER ISPWC SECTION 801). STRUCTURAL FILL SHALL BE MOISTURE CONDITONED AND PLACED IN 6 INCH THICKNESS MAXIMUM LOOSE LIFTS AS PER THE STRUCTURAL FILL SECTION OF THE GEOTECHNICAL REPORT. GRANULAR STRUCTURAL FILL SHALL BE MOISTURE CONDITIONED AND PLACED IN 1.0 FOOT MAXIMUM LOOSE LIFTS AS PER THE STRUCTURAL FILL SECTION OF THE GEOTECHNICAL REPORT. STRUCTURAL FILL OR GRANULAR STRUCTURAL FILL SHALL EXTEND HORIZONTALLY BEYOND THE PERIMETER OF ALL SLABS A DISTANCE EQUAL TO THE DEPTH OF FILL, OR 5-FEET, WHICHEVER IS LESS, WITH EACH LIFT COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
H. FUTURE SKATE PARK PAD.	NO WORK REQUIRED IN THIS AREA - SEE PLANS FOR LIMITS	NO WORK REQUIRED IN THIS AREA - SEE PLANS FOR LIMITS
I. SOFTBALL FIELD IN-FIELD.	STRIP THE UPPER 1-FOOT THICKNESS BELOW EXISTING GRADE. REMOVE ALL ORGANIC MATERIALS AND ASSOCIATED ROOT ZONES. EXCAVATE AS REQUIRED TO ESTABLICH SUBGRADE. THE EXPOSED LEAN CLAY SUBGRADE SHALL BE MOISTURE CONDITIONED, AND COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM ELEVATION OF IN-FIELD SURFACE COURSE ELEVATION BY PLACING MOISTURE CONDITIONED NATIVE LEAN CLAY FILL IN 6-INCH MAXIMUM LIFTS WITH EACH LIFT COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557. SEE LANDSCAPE PLANS FOR SURFACE COURSE REQUIREMENTS.
J. GARDEN AREA.	STRIP THE UPPER 6-INCH THICKNESS BELOW EXISTING GRADE. REMOVE ALL ORGANIC MATERIALS AND ASSOCIATED ROOT ZONES. EXCAVATE AS REQUIRED TO ACHIEVE SUBGRADE.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF GARDEN AREA TOPSOIL SECTION BY PLACING CLEAN FILL (GW, GP, SW, SP, GM, SM, ML-FILL, CL-FILL) FREE OF ORGANIC MATERIAL AND DEBRIS IN 12-INCH MAX LOOSE LIFTS FOR GW, GP, SW AND SP MATERIALS AND 6-INCH MAX LIFTS FOR GM, SM, ML-FILL AND CL-FILL MATERIALS WITH EACH LIFT COMPACTED TO 85% OF THE MAXIMUM DRY DENSITY PER ASTM D1557. SEE LANDSCAPE PLAN FOR TOPSOIL REQUIREMENTS.
K. FUTURE BIKE PARK.	NO WORK REQUIRED IN THIS AREA - SEE PLANS FOR LIMITS	NO WORK REQUIRED IN THIS AREA - SEE PLANS FOR LIMITS

SLAB AND FOOTING EARTHWORK PREPARATION NOTES

1. ALL STRUCTURAL FILL MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT AND THE PROJECT PLANS AND SPECIFICATIONS. SEE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS. WHERE CONFLICTS EXIST BETWEEN THE GEOTECHNICAL INVESTIGATION AND THE PROJECT PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
2. ALL SUBGRADES, GRANULAR STRUCTURAL FILL MATERIALS AND PLACEMENTS SHALL BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO COVERING UP WORK.
3. ALL EXISTING CLAY SOILS SHALL BE COMPLETELY REMOVED FROM BELOW BUILDING FOUNDATION ELEMENTS.
3. GRANULAR STRUCTURAL FILL MATERIALS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT. GRANULAR STRUCTURAL FILL MATERIALS SHALL BE 6" MINUS "PIT-RUN" PER THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION SECTION 801 - THE MAXIMUM DIAMETER SHALL BE NO MORE THAN $\frac{2}{3}$ OF THE COMPONENT THICKNESS, AND HAVE NO MORE THAN 12 PERCENT FINES (PASSING THE NO. 200 SIEVE).
4. GRANULAR STRUCTURAL FILL MATERIALS SHALL BE PLACED IN LAYERS NOT TO EXCEED 12 INCHES LOOSE THICKNESS AND BE MOISTURE CONDITIONED TO ACHIEVE OPTIMUM MOISTURE CONTENT PRIOR TO COMPACTION.
5. AREAS OF COMPACTED GRANULAR STRUCTURAL FILL SHALL EXTEND OUTSIDE THE PERIMETER OF THE FOOTING OR FEATURE FOR A MINIMUM DISTANCE EQUAL TO THE THICKNESS OF FILL.
6. SEE ARCHITECTURAL PLANS FOR MOISTURE BARRIER REQUIREMENTS.


SEE STRUCTURAL FOR FOUNDATION AND FOOTING DEPTH REQUIREMENTS
OVER EXCAVATION SHALL EXTEND HORIZONTALLY BEYOND THE PERIMETER OF ALL FOOTINGS A DISTANCE EQUAL TO THE DEPTH OF FILL
FINISHED FLOOR EL = 2748.13
SEE GRADING PLAN
EXISTING GROUND EL = 2747.19 TO 2748.18 (VARIES)
SEE UNDER-SLAB PREPARATION DETAIL ABOVE
3.0' MIN.
MINIMUM EXISTING ORGANIC AND SANDY LEAN CLAY MATERIAL REMOVAL ELEVATION = 2744.19 EXCAVATE DEEPER AS REQUIRED FOR FOUNDATION ELEMENTS
THICKNESS VARIES BASED ON FOUNDATION DEPTH AND BOTTOM OF EXISTING FILL REMOVAL ELEVATION
BOTTOM OF FOOTING ELEVATION
COMPETENT, UNDISTURBED, NATIVE SANDY SILT SOILS PER THE PROJECT GEOTECHNICAL REPORT. EXISTING ORGANIC MATERIALS AND CLAY LEAN CLAY SOILS SHALL BE COMPLETELY REMOVED FROM BELOW FOUNDATION ELEMENTS. COMPACT TO 95% MAX DRY DENSITY PER ASTM D1557 CONTACT OWNER'S GEOTECHNICAL REPRESENTATIVE FOR SUBGRADE INSPECTION AND APPROVAL PRIOR TO PLACEMENT OF ANY FILL MATERIALS
GRANULAR STRUCTURAL FILL (IMPORTED 6" MINUS UNCRUSHED AGGREGATE BASE PER ISPWC SECTION 801) COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557. GRANULAR STRUCTURAL FILL SHALL BE PLACED BELOW ALL FOOTINGS BETWEEN THE BOTTOM OF THE EXISTING LEAN CLAY REMOVAL ELEVATION AND THE BOTTOM OF FOOTING ELEVATION - THICKNESS VARIES. GRANULAR STRUCTURAL FILL SHALL BE PLACED AS PER THE GEOTECHNICAL REPORT.

RESTROOM/CONCESSIONS BUILDING - UNDER FOUNDATION PREPARATION


EXISTING GROUND EL = 2747.19 TO 2748.18 (VARIES)
CONCRETE SLAB (SEE STRUCTURAL)
FINISHED FLOOR EL = 2748.13
DRAINAGE COURSE (3/4" MINUS CRUSHED AGGREGATE BASE PER ISPWC) COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557 SEE ARCHITECTURAL PLANS FOR THICKNESS AND VAPOR BARRIER REQUIREMENTS (IF APPLICABLE)
BOTTOM OF 4" THICK DRAINAGE COURSE
BOTTOM OF EXISTING ORGANIC MATERIAL AND CLAY SOIL REMOVAL 1.0-FOOT MINIMUM BELOW EXISTING GRADE, OR DEEPER AS REQUIRED FOR SLAB AND DRAINAGE COURSE CONSTRUCTION. MINIMUM REMOVAL DEPTH VARIES FROM EL: 2746.19± TO 2747.18±
1.0' MIN
GRANULAR STRUCTURAL FILL AS PER THE GEOTECHNICAL REPORT COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557. GRANULAR STRUCTURAL FILL PLACEMENT SHALL BE IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT. (THICKNESS VARIES)
BOTTOM OF FILL MATERIAL REMOVAL EXPOSED SUBGRADE
NATIVE LEAN CLAY SOIL, REMOVE ALL ORGANIC MATERIAL AND DEBRIS PER GEOTECHNICAL REPORT. OBTAIN SUBGRADE APPROVAL FROM OWNER'S GEOTECHNICA
REPRESENTATIVE PRIOR TO PLACEMENT OF FILL MATERIALS.
MOISTURE CONDITION AND COMPACT SUBGRADE TO 95% MAX DRY DENSITY PER ASTM D1557 PER THE PROJECT GEOTECHNICAL REPORT

RESTROOM/CONCESSIONS BUILDING - UNDER SLAB PREPARATION

SLAB, FOOTING AND SITE EARTHWORK PREPARATION

1
C.DT.2

APPROVED FOR CONSTRUCTION

MERIDIAN IDAHO

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - - Date - -

Plans Are Accepted For Public Street Construction

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

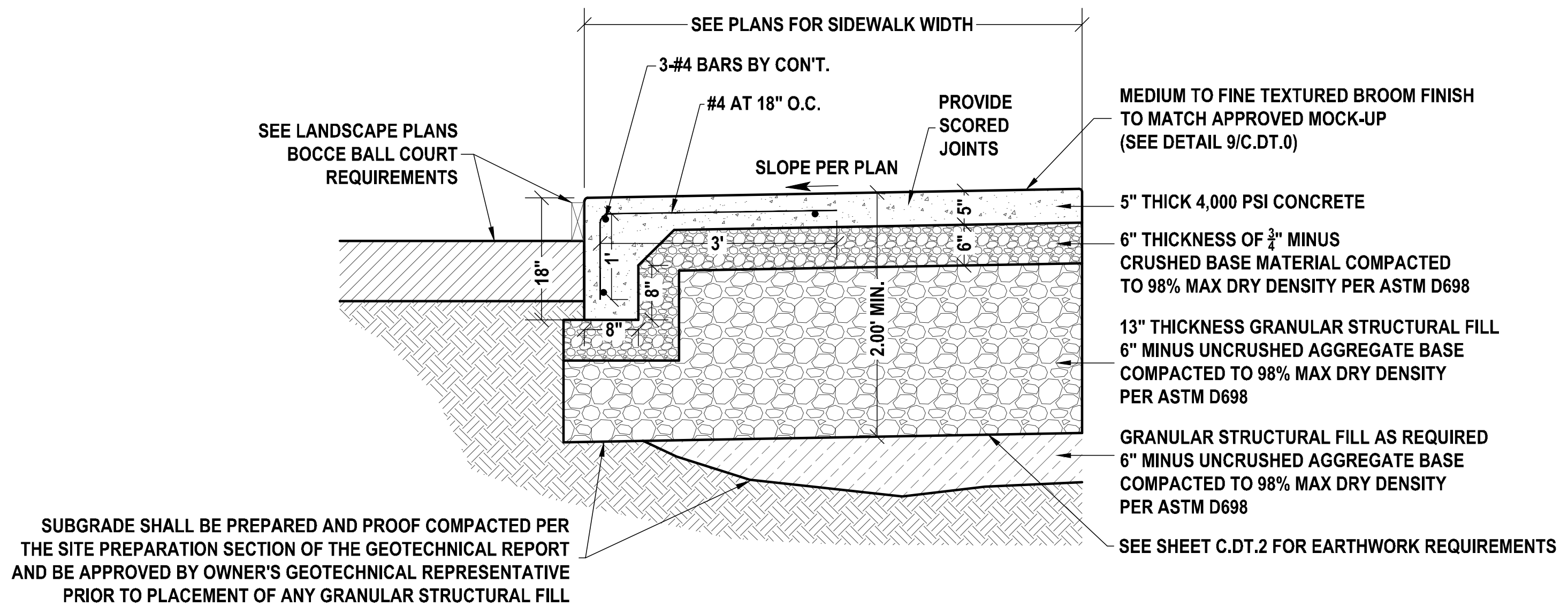
NO.	REVISION	DATE

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET TITLE:
DETAILS - 2

SHEET NUMBER:
C.DT.2

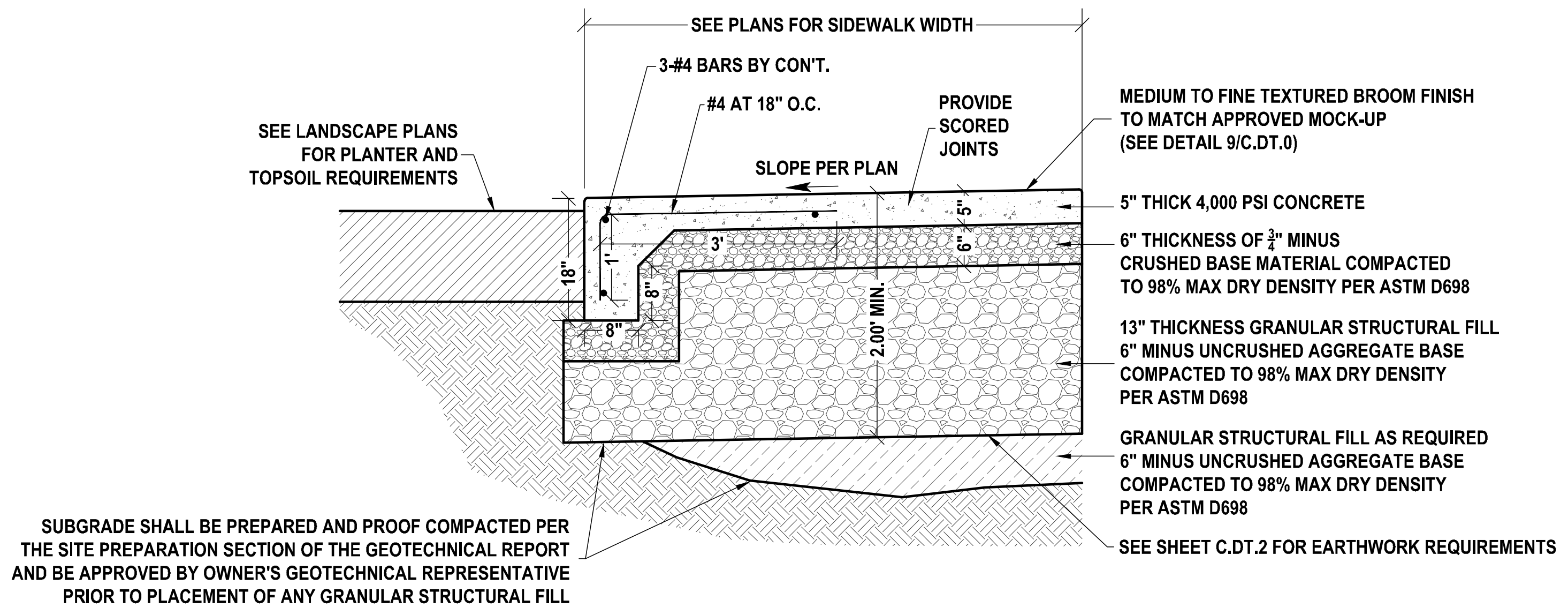

SEE PLANS FOR SIDEWALK WIDTH
3-#4 BARS BY CON'T.
#4 AT 18" O.C.
PROVIDE SCORED JOINTS
SEE LANDSCAPE PLANS BOCCE BALL COURT REQUIREMENTS
SLOPE PER PLAN
MEDIUM TO FINE TEXTURED BROOM FINISH TO MATCH APPROVED MOCK-UP (SEE DETAIL 9/C.DT.0)
5" THICK 4,000 PSI CONCRETE
6" THICKNESS OF ¾" MINUS CRUSHED BASE MATERIAL COMPACTED TO 98% MAX DRY DENSITY PER ASTM D698
13" THICKNESS GRANULAR STRUCTURAL FILL 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 98% MAX DRY DENSITY PER ASTM D698
GRANULAR STRUCTURAL FILL AS REQUIRED 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 98% MAX DRY DENSITY PER ASTM D698
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF ANY GRANULAR STRUCTURAL FILL
18"
1'
3'
8"
8"
5"
6"
2.00' MIN.

NOTES

1. SEE SITE PLANS PLAN FOR SIDEWALK WIDTHS AND LOCATIONS.
2. ALL SUBGRADE, SUB-BASE, AND BASE MATERIALS SHALL TO BE COMPACTED TO EXCEED 98% MAX DRY DENSITY PER ASTM D1557 AS PER THE GEOTECHNICAL REPORT.
3. SCORE AT INTERVALS TO MATCH WIDTH OF WALK OR AS SHOWN ON THE SITE PLAN.
4. CONCRETE JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT.
5. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
6. A CURING COMPOUND SHALL BE APPLIED TO ALL EXTERIOR CONCRETE SURFACES AS PER THE GEOTECHNICAL REPORT.
7. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
8. PROVIDE MEDIUM TO FINE TEXTURED BROOM FINISH.

THICKENED EDGE CONCRETE SIDEWALK AT BOCCE COURT

1
C.DT.3

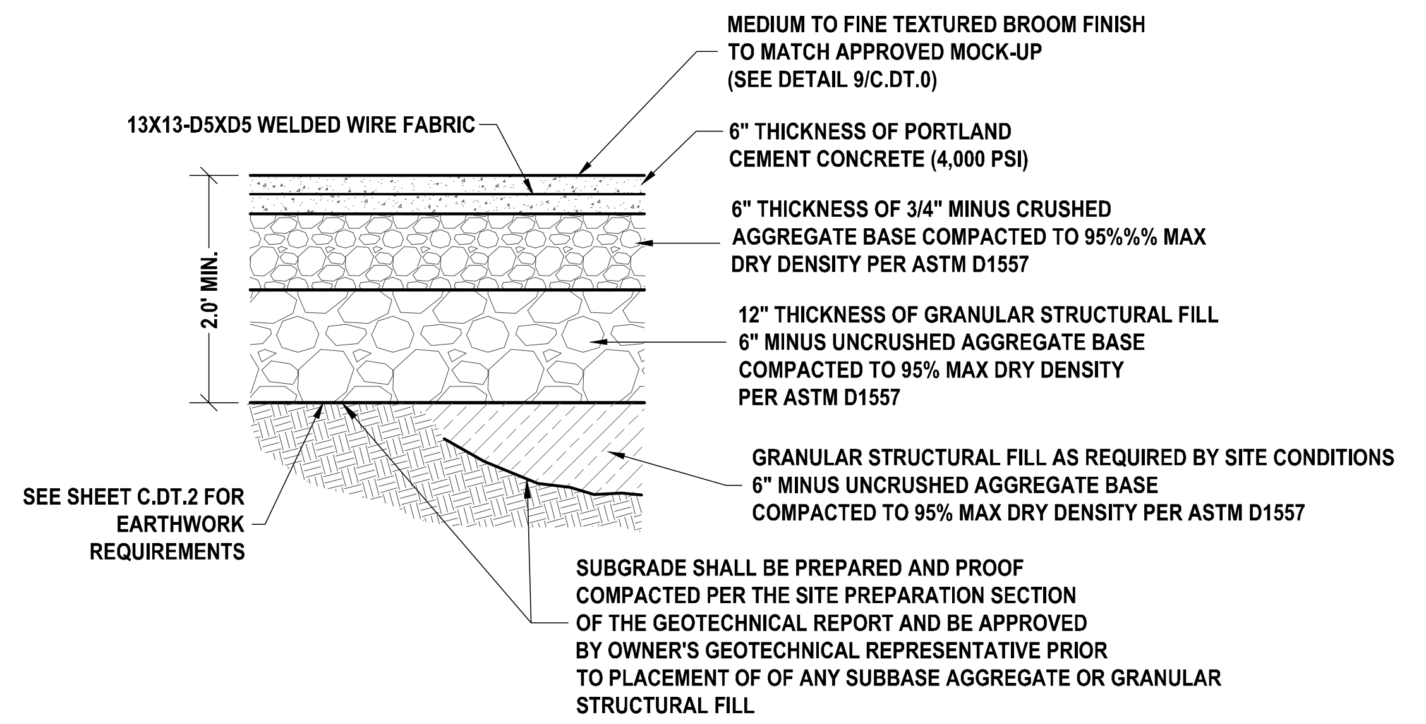

SEE PLANS FOR SIDEWALK WIDTH
3-#4 BARS BY CON'T.
#4 AT 18" O.C.
PROVIDE SCORED JOINTS
SEE LANDSCAPE PLANS FOR PLANTER AND TOPSOIL REQUIREMENTS
SLOPE PER PLAN
MEDIUM TO FINE TEXTURED BROOM FINISH TO MATCH APPROVED MOCK-UP (SEE DETAIL 9/C.DT.0)
5" THICK 4,000 PSI CONCRETE
6" THICKNESS OF ¾" MINUS CRUSHED BASE MATERIAL COMPACTED TO 98% MAX DRY DENSITY PER ASTM D698
13" THICKNESS GRANULAR STRUCTURAL FILL 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 98% MAX DRY DENSITY PER ASTM D698
GRANULAR STRUCTURAL FILL AS REQUIRED 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 98% MAX DRY DENSITY PER ASTM D698
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF ANY GRANULAR STRUCTURAL FILL
18"
1'
3'
8"
8"
5"
6"
2.00' MIN.

NOTES

1. SEE SITE PLANS PLAN FOR SIDEWALK WIDTHS AND LOCATIONS.
2. ALL SUBGRADE, SUB-BASE, AND BASE MATERIALS SHALL TO BE COMPACTED TO EXCEED 98% MAX DRY DENSITY PER ASTM D1557 AS PER THE GEOTECHNICAL REPORT.
3. SCORE AT INTERVALS TO MATCH WIDTH OF WALK OR AS SHOWN ON THE SITE PLAN.
4. CONCRETE JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT.
5. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
6. A CURING COMPOUND SHALL BE APPLIED TO ALL EXTERIOR CONCRETE SURFACES AS PER THE GEOTECHNICAL REPORT.
7. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
8. PROVIDE MEDIUM TO FINE TEXTURED BROOM FINISH.

THICKENED EDGE CONCRETE SIDEWALK AT PLANTERS

7
C.DT.3

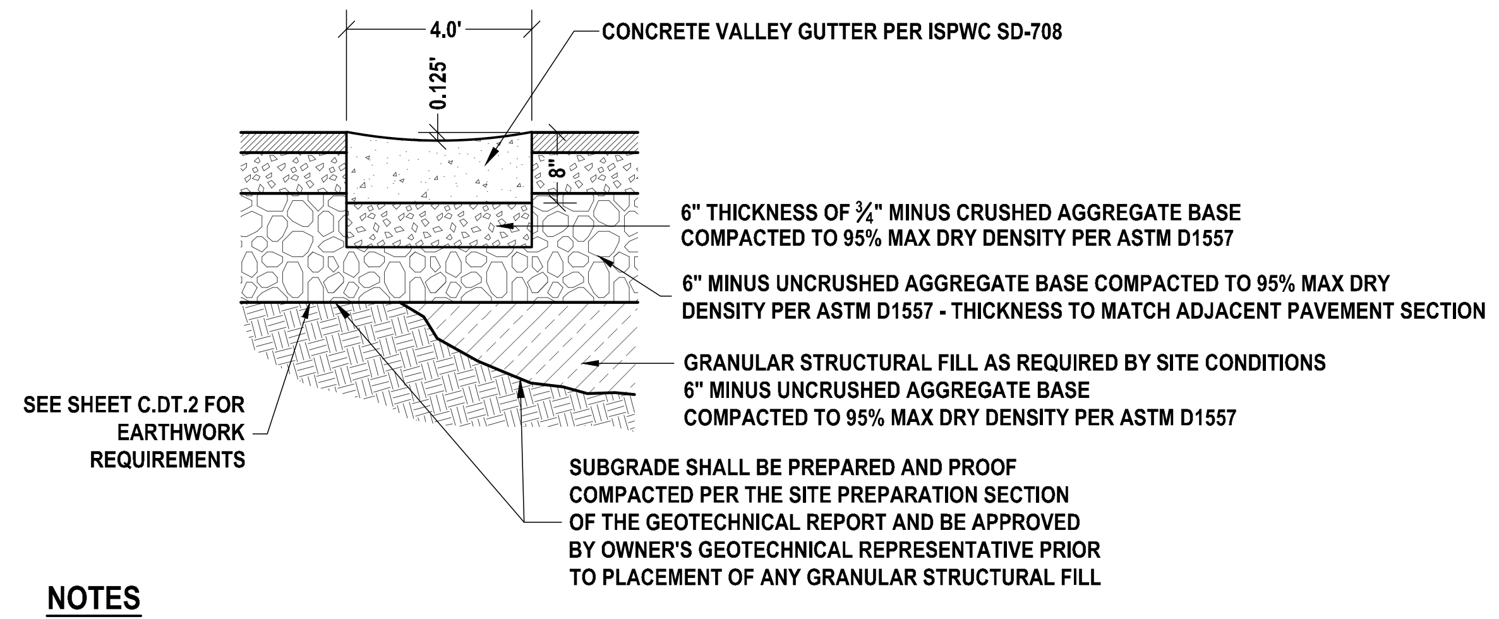

MEDIUM TO FINE TEXTURED BROOM FINISH TO MATCH APPROVED MOCK-UP (SEE DETAIL 9/C.DT.0)
13X13-D5XD5 WELDED WIRE FABRIC
6" THICKNESS OF PORTLAND CEMENT CONCRETE (4,000 PSI)
6" THICKNESS OF 3/4" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95%%% MAX DRY DENSITY PER ASTM D1557
12" THICKNESS OF GRANULAR STRUCTURAL FILL 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
2.0' MIN.
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF OF ANY SUBBASE AGGREGATE OR GRANULAR STRUCTURAL FILL

NOTES

1. ALL PORTLAND CEMENT RIGID CONCRETE PAVEMENT, BASE MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT.
2. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
3. PROVIDE MEDIUM TO FINE TEXTURED BROOM FINISH.
4. SAW CUT TO CONTROL SLAB CRACKING SHALL BE D/3 DEEP. "D" EQUALS THE DESIGN DEPTH OF CONCRETE PAVEMENT.
5. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
6. SEE ISPWC STANDARD DRAWING SD-714 FOR JOINTING CRITERIA. ALL CONCRETE PAVEMENT CONTRACTION JOINTS SHALL BE SAWN - SEE SHEET C2.0 FOR JOINT LAYOUT.
7. PROVIDE KEYED CONSTRUCTION JOINTS PER ISPWC SD-714A.
8. SAWN JOINTS SHALL BE SEALED WITH A SILICONE SEALANT PER ISPWC SD-714B.

ONSITE RIGID CONCRETE PAVEMENT SECTION

2
C.DT.3

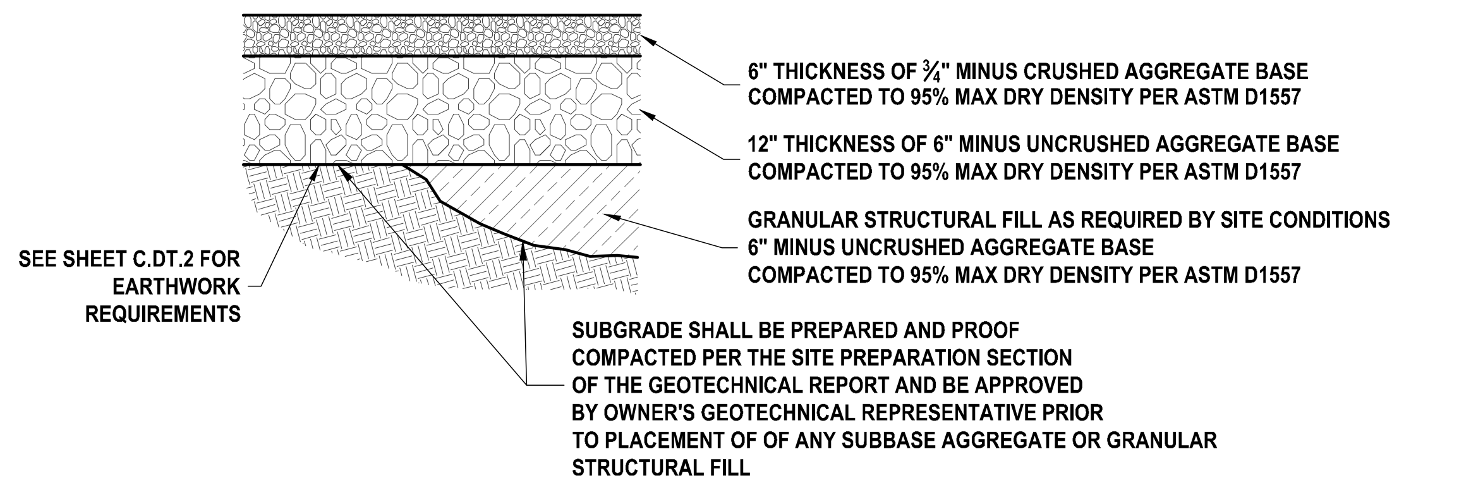

4.0'
0.125'
8"
CONCRETE VALLEY GUTTER PER ISPWC SD-708
6" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557 - THICKNESS TO MATCH ADJACENT PAVEMENT SECTION
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF ANY GRANULAR STRUCTURAL FILL

NOTES

1. GRADE AND ALIGNMENT TO BE ESTABLISHED BY THE CONTRACTOR
2. BASE: 4-INCH COMPACTED DEPTH OF 3/4-INCH MINUS CRUSHED AGGREGATE BASE MATERIAL, PLACE AS SPECIFIED UNDER SECTION-802 ISPWC; COMPACTED TO EXCEED 95% MAX DRY DENSITY PER ASTM D1557
3. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADII.
4. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).
5. MATERIALS AND CONSTRUCTION IN COMPLIANCE WITH ISPWC SPECIFICATIONS.
6. BACKFILL AS PER SECTION-706.
7. PROVIDE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ISPWC SECTION 703. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH A MODULUS OF RUPTURE GREATER THAN 650 PSI, AND SHALL COMPLY WITH THE ITD REQUIREMENT FOR URBAN CONCRETE.
8. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
9. ISPWC DETAIL SD-708 SHALL BE MODIFIED PER THIS DETAIL TO PROVIDE THE INDICATED BASE SECTION THICKNESS.

CONCRETE VALLEY GUTTER (SD-708)

4
C.DT.3

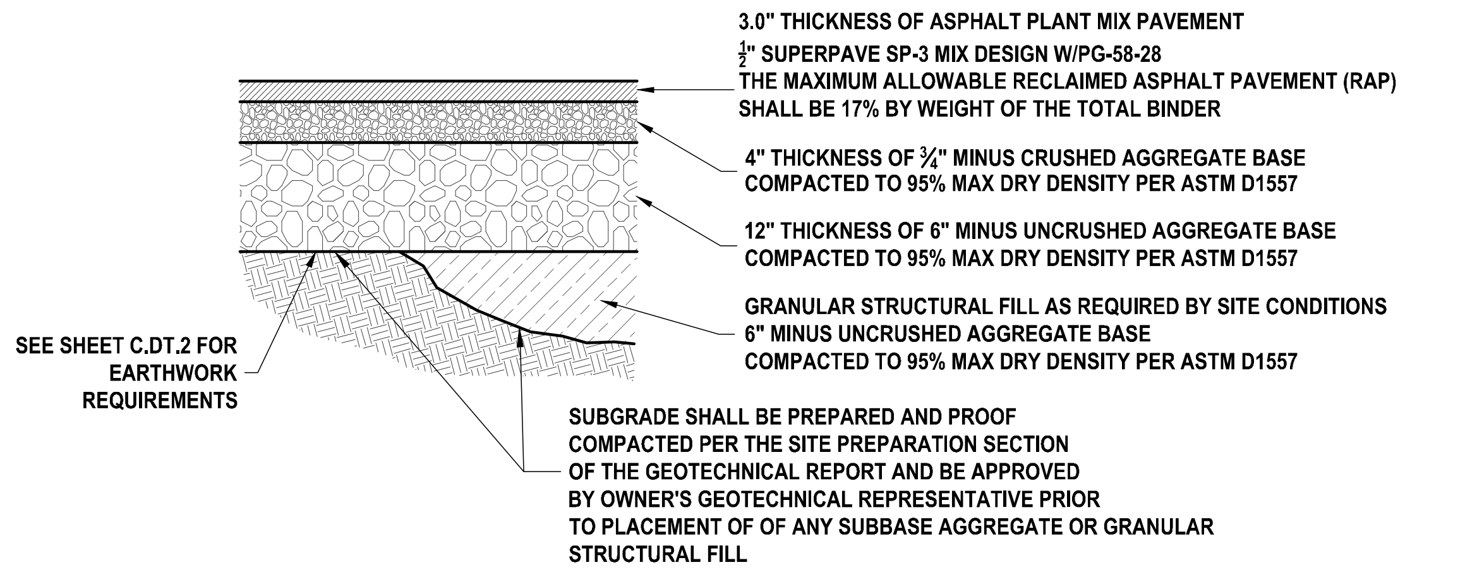

6" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
12" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF OF ANY SUBBASE AGGREGATE OR GRANULAR STRUCTURAL FILL

NOTES

1. ALL AGGREGATE MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT.
2. AGGREGATE BASE MATERIALS (3/4" MINUS CRUSHED AGGREGATE & 6" MINUS UNCRUSHED AGGREGATE) MATERIALS SHALL COMPLY WITH DIVISION 800 OF THE ISPWC.
3. ALL SUBGRADES, STRUCTURAL FILL, AND BASE MATERIAL PREPARATIONS SHALL BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO COVERING UP THE WORK OR PLACING SUBSEQUENT LIFTS.
4. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

GRAVEL SECTION

8
C.DT.3

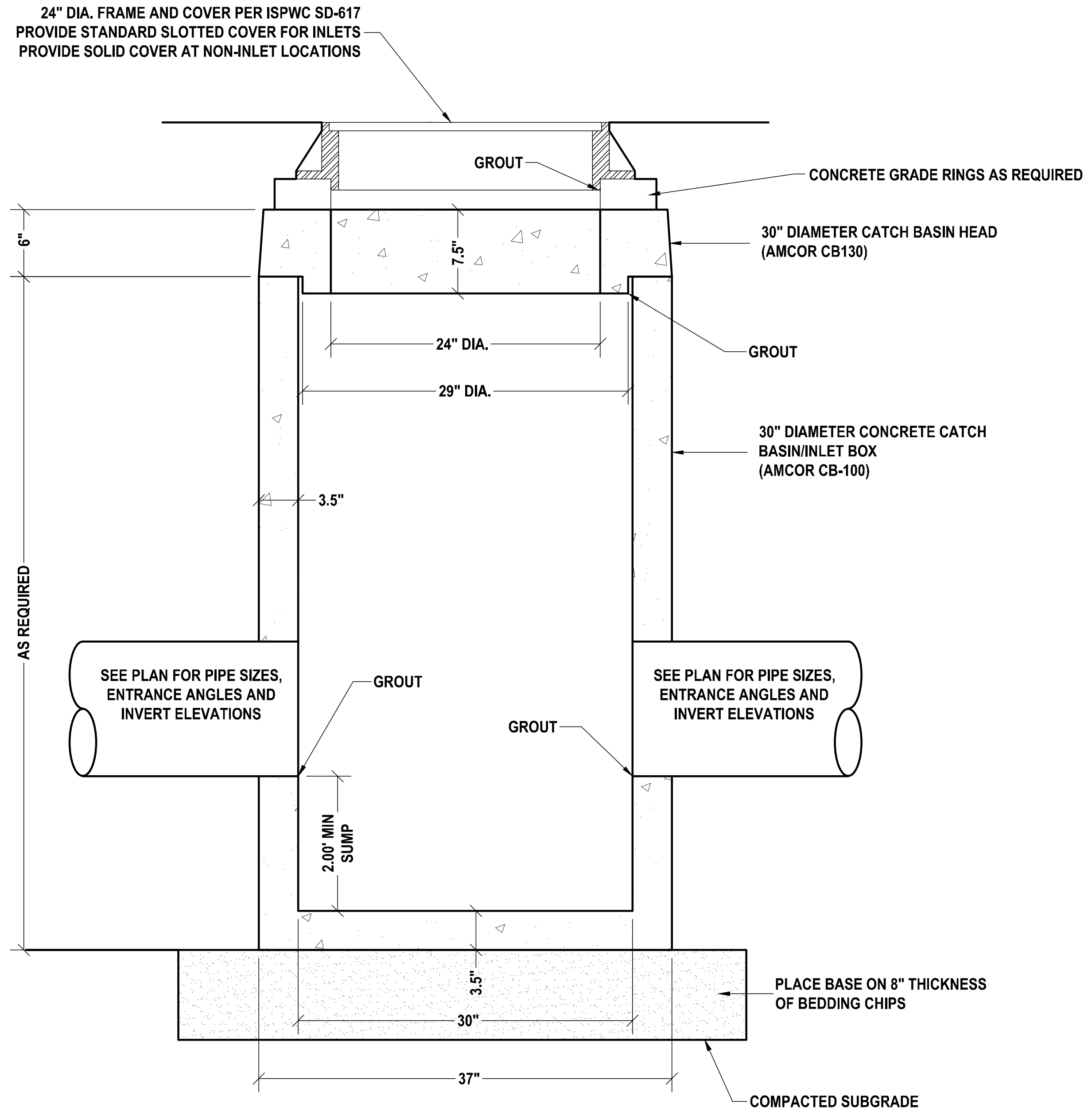

3.0" THICKNESS OF ASPHALT PLANT MIX PAVEMENT ½" SUPERPAVE SP-3 MIX DESIGN W/PG-58-28 THE MAXIMUM ALLOWABLE RECLAIMED ASPHALT PAVEMENT (RAP) SHALL BE 17% BY WEIGHT OF THE TOTAL BINDER
4" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
12" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF OF ANY SUBBASE AGGREGATE OR GRANULAR STRUCTURAL FILL

NOTES

1. ALL ASPHALT PAVEMENTS AND BASE MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT.
2. AGGREGATE BASE MATERIALS (3/4" MINUS CRUSHED AGGREGATE & 6" MINUS UNCRUSHED AGGREGATE) MATERIALS SHALL COMPLY WITH DIVISION 800 OF THE ISPWC.
3. ALL SUBGRADES, STRUCTURAL FILL, AND BASE MATERIAL PREPARATIONS SHALL BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO COVERING UP THE WORK OR PLACING SUBSEQUENT LIFTS.
4. ASPHALT PAVEMENT SHALL BE COMPACTED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT. DENSITY TESTING SHALL BE PERFORMED RANDOMLY ACROSS THE SITE AT A FREQUENCY TO BE DETERMINED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE.
5. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

ONSITE ASPHALT PAVEMENT SECTION

3
C.DT.3


24" DIA. FRAME AND COVER PER ISPWC SD-617 PROVIDE STANDARD SLOTTED COVER FOR INLETS PROVIDE SOLID COVER AT NON-INLET LOCATIONS
GROUT
CONCRETE GRADE RINGS AS REQUIRED
6"
7.5"
30" DIAMETER CATCH BASIN HEAD (AMCOR CB130)
24" DIA.
GROUT
29" DIA.
30" DIAMETER CONCRETE CATCH BASIN/INLET BOX (AMCOR CB-100)
3.5"
AS REQUIRED
SEE PLAN FOR PIPE SIZES, ENTRANCE ANGLES AND INVERT ELEVATIONS
GROUT
GROUT
SEE PLAN FOR PIPE SIZES, ENTRANCE ANGLES AND INVERT ELEVATIONS
2.00' MIN SUMP
3.5"
30"
PLACE BASE ON 8" THICKNESS OF BEDDING CHIPS
37"
COMPACTED SUBGRADE

NOTES

1. ALL CATCH BASIN COMPONENTS SHALL BE HS-25 TRAFFIC RATED
2. CUT PIPES FLUSH WITH INTERIOR WALL OF STRUCTURE.
3. GROUT ALL PIPE CONNECTIONS TO STRUCTURE - GROUTED CONNECTIONS SHALL BE NEAT AND SMOOTH.

30" DIA CONCRETE CATCH BASIN (30" CB)

6
C.DT.3

APPROVED FOR CONSTRUCTION

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Name - Date -

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BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

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Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

NO.	REVISION	DATE

SHEET TITLE:
DETAILS - 3

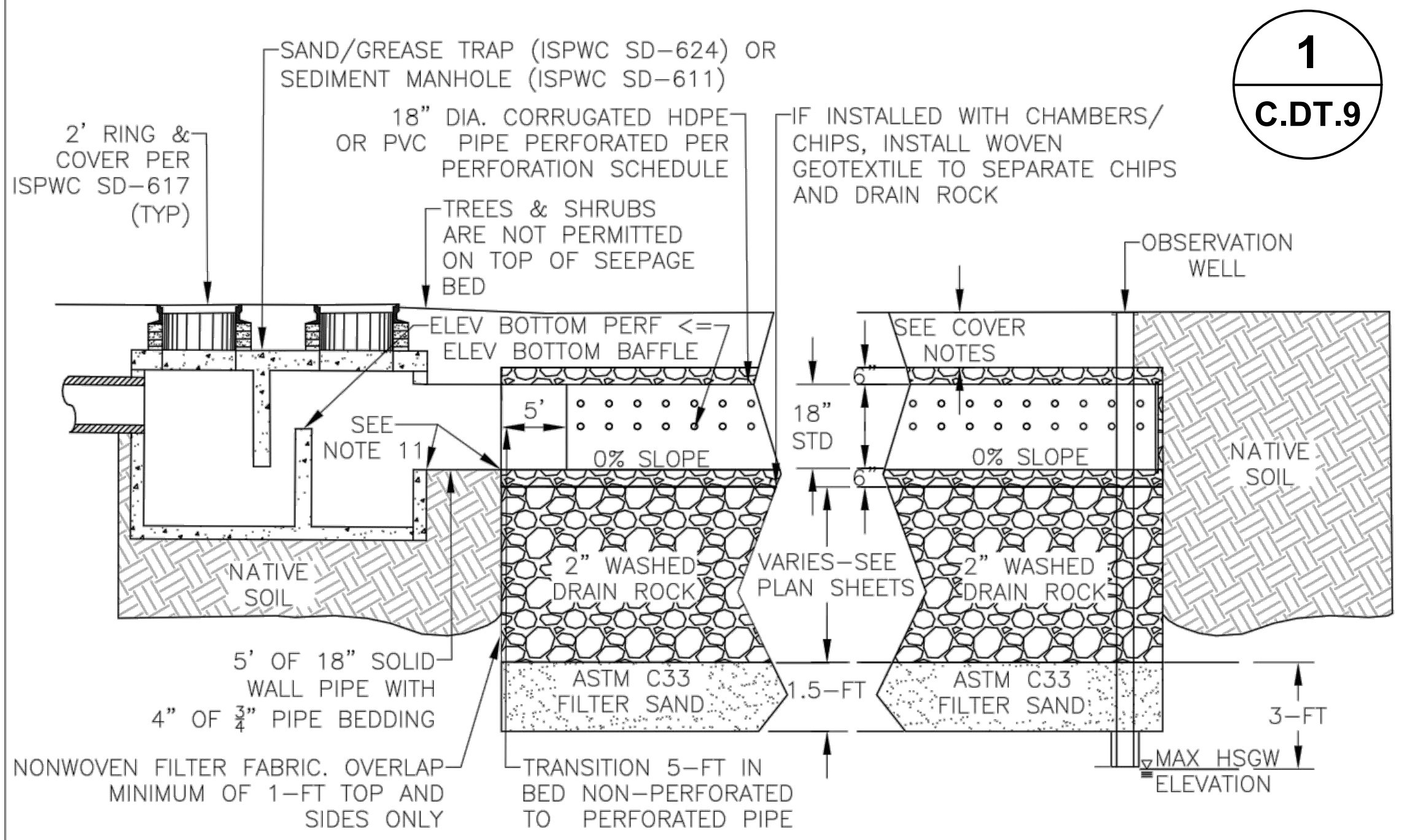
PROJECT MANAGER:
-

PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956

DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.DT.3


SAND/GREASE TRAP (ISPWC SD-624) OR SEDIMENT MANHOLE (ISPWC SD-611)
2' RING & COVER PER ISPWC SD-617 (TYP)
18" DIA. CORRUGATED HDPE OR PVC PIPE PERFORATED PER PERFORATION SCHEDULE
IF INSTALLED WITH CHAMBERS/ CHIPS, INSTALL WOVEN GEOTEXTILE TO SEPARATE CHIPS AND DRAIN ROCK
TREES & SHRUBS ARE NOT PERMITTED ON TOP OF SEEPAGE BED
OBSERVATION WELL
ELEV BOTTOM PERF <= ELEV BOTTOM BAFFLE
SEE COVER NOTES
5'
SEE NOTE 11
0% SLOPE
18" STD
6"
NATIVE SOIL
2" WASHED DRAIN ROCK
VARIES-SEE PLAN SHEETS
ASTM C33 FILTER SAND
1.5-FT
3-FT
5' OF 18" SOLID WALL PIPE WITH 4" OF ¾" PIPE BEDDING
NONWOVEN FILTER FABRIC. OVERLAP MINIMUM OF 1-FT TOP AND SIDES ONLY
TRANSITION 5-FT IN BED NON-PERFORATED TO PERFORATED PIPE
MAX HSGW ELEVATION

SECTION
N.T.S.

1
C.DT.9

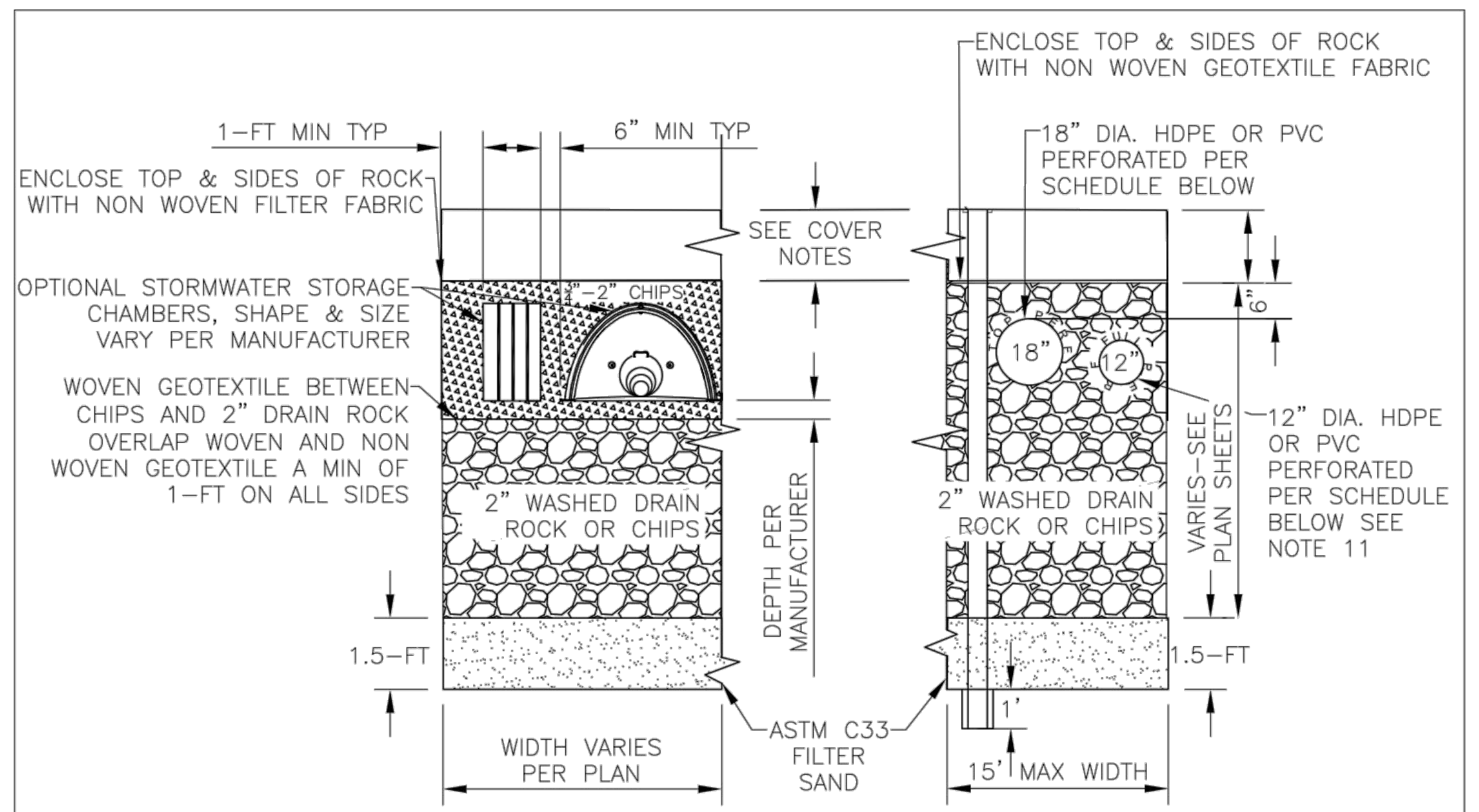
NOTES:
1. BMP 1-4 OR VEGETATED PRETREATMENT IS REQUIRED.
2. CONTACT DESIGN PROFESSIONAL FOR SEEPAGE BED REDESIGN IF GROUNDWATER IS ENCOUNTERED ABOVE MAX HSGW ELEVATION
3. ALL VAULTS, MANHOLES, & SAND AND GREASE TRAPS SHALL BE HS25 OR GREATER LOAD RATED
4. SEEPAGE BED SHALL BE SHOWN ON BOTH PLAN AND PROFILE VIEWS
5. OPTIONAL CHAMBERS PER MANUFACTURERS SPECIFICATIONS
6. ALL GEOTEXTILE SEAMS SHALL OVERLAP 1 FOOT MINIMUM
7. EL. IN >= EL. BOTTOM PERFORATIONS IN 18" PERF PIPE
8. MAXIMUM BED LENGTH IS 400-FT BETWEEN MANHOLES
9. BED WIDTH SHALL REMAIN CONSTANT
10. WATERTIGHT CONNECTION REQUIRED
11. HIGH FLOW BYPASS PIPE ONLY NEEDED IF Q100 VELOCITY THROUGH STRUCTURE > 0.5 FPS

COVER NOTES:
FOR SEEPAGE BEDS OUTSIDE PUBLIC RIGHT-OF-WAY:
1. A MINIMUM 1.5-FT COVER FROM TOP OF BED TO FINISH GRADE IS REQUIRED

FOR SEEPAGE BEDS IN PUBLIC RIGHT-OF-WAY:
1. A MINIMUM 1.0-FT COVER FROM TOP OF BED TO PAVEMENT SUBGRADE IS REQUIRED
   --BACKFILL OVER BED TO SUBGRADE WITH 6"-8" MINUS PITRUN
   --WOVEN GEOTEXTILE FABRIC REQUIRED OVER TOP OF BED
   --TOP OF BED UNDER SIDEWALK SHALL BE MIN 1.0-FT BELOW PAVEMENT SUBGRADE
2. IF < 1.0-FT COVER FROM TOP OF BED TO SUBGRADE, ANGULAR ¾" TO 2" ROCK IS REQUIRED WITH MINIMUM 50% SINGLE FRACTURED FACE IN PLACE OF 2" DRAIN ROCK.
3. FULL ROADWAY SECTION IS REQUIRED OVER SEEPAGE BEDS. SEEPAGE BEDS SHALL NOT EXTEND ABOVE SUBGRADE
4. THE DESIGN PROFESSIONAL IS SOLELY RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE OF THE SUBGRADE SOILS AND DETERMINING THE DEPTH OF FOUNDATION STONE

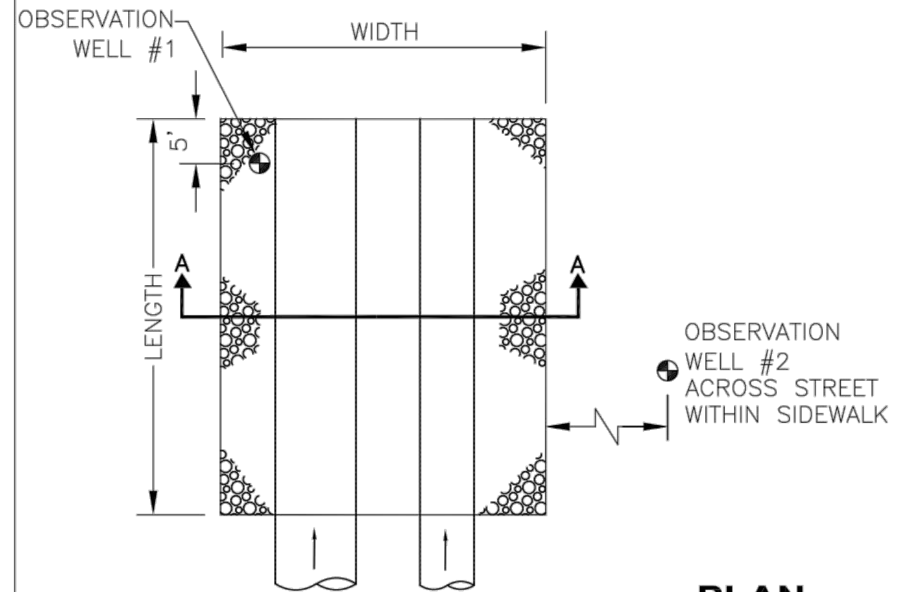
SEE BMP 20 SHEET 2 OF 3 FOR ADDITIONAL NOTES

2017 ACHD STORMWATER DESIGN GUIDELINES	SEEPAGE BED WITH OPTIONAL CHAMBERS	STANDARD DRAWING BMP 20 SHEET 1 OF 3


1-FT MIN TYP
6" MIN TYP
ENCLOSE TOP & SIDES OF ROCK WITH NON WOVEN FILTER FABRIC
OPTIONAL STORMWATER STORAGE CHAMBERS, SHAPE & SIZE VARY PER MANUFACTURER
¾"-2" CHIPS
WOVEN GEOTEXTILE BETWEEN CHIPS AND 2" DRAIN ROCK OVERLAP WOVEN AND NON WOVEN GEOTEXTILE A MIN OF 1-FT ON ALL SIDES
SEE COVER NOTES
2" WASHED DRAIN ROCK OR CHIPS
DEPTH PER MANUFACTURER
1.5-FT
WIDTH VARIES PER PLAN
ASTM C33 FILTER SAND
ENCLOSE TOP & SIDES OF ROCK WITH NON WOVEN GEOTEXTILE FABRIC
18" DIA. HDPE OR PVC PERFORATED PER SCHEDULE BELOW
18"
12"
6"
VARIES-SEE PLAN SHEETS
12" DIA. HDPE OR PVC PERFORATED PER SCHEDULE BELOW SEE NOTE 11
1'
15' MAX WIDTH

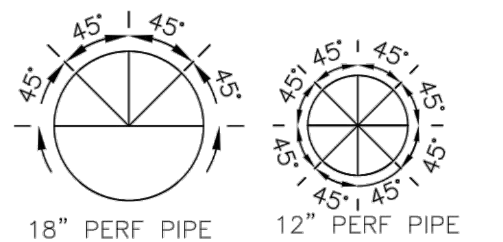
OPTIONAL CHAMBER SECTION
N.T.S.

STANDARD SECTION A-A
N.T.S.



OBSERVATION WELLS: 2 REQUIRED PER BED

PLAN
N.T.S.



18" PERF PIPE WQ

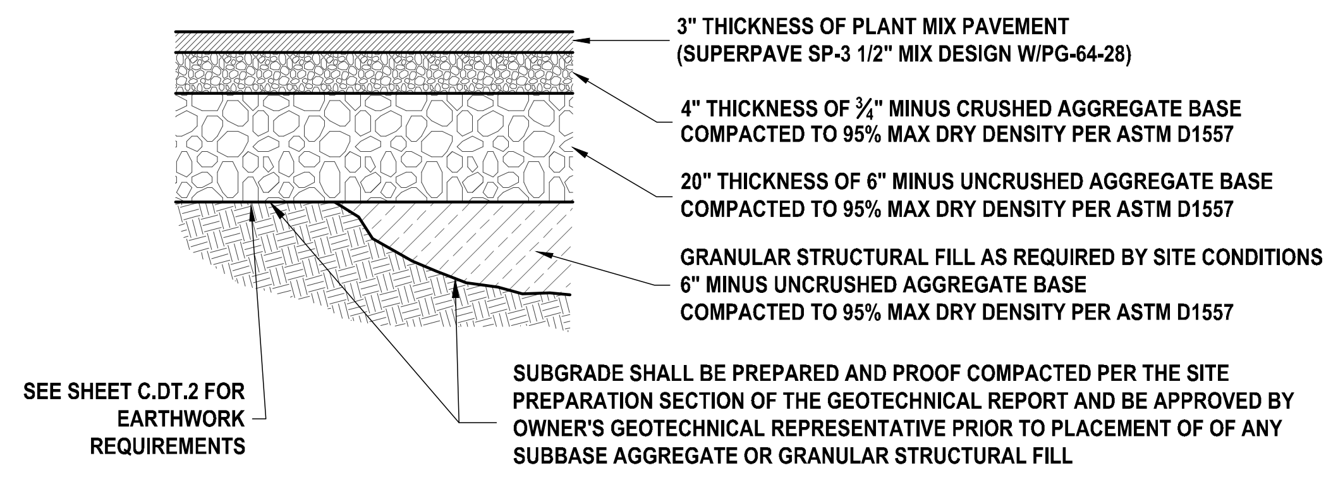
12" PERF PIPE BYPASS SEE NOTE 11

PERFORATION SCHEDULE
3/8" PERFORATIONS IN VALLEYS OF CORRUGATED PIPE. 5 EA ON 18", 8 EA ON 12"

2
C.DT.9

REQUIREMENTS FOR FACILITIES IN RIGHT-OF-WAY
1. BED IS LIMITED TO AREA WITHIN 5-FT OF CURB FACE UNDER ROADWAY;
2. NO GREATER THAN 10-FEET IN DEPTH TO THE BOTTOM OF THE ROCK;
3. MAY NOT EXTEND OUTSIDE OF THE RIGHT-OF-WAY (MAY NOT ENCROACH ON PRIVATE LOT IN AN EASEMENT);

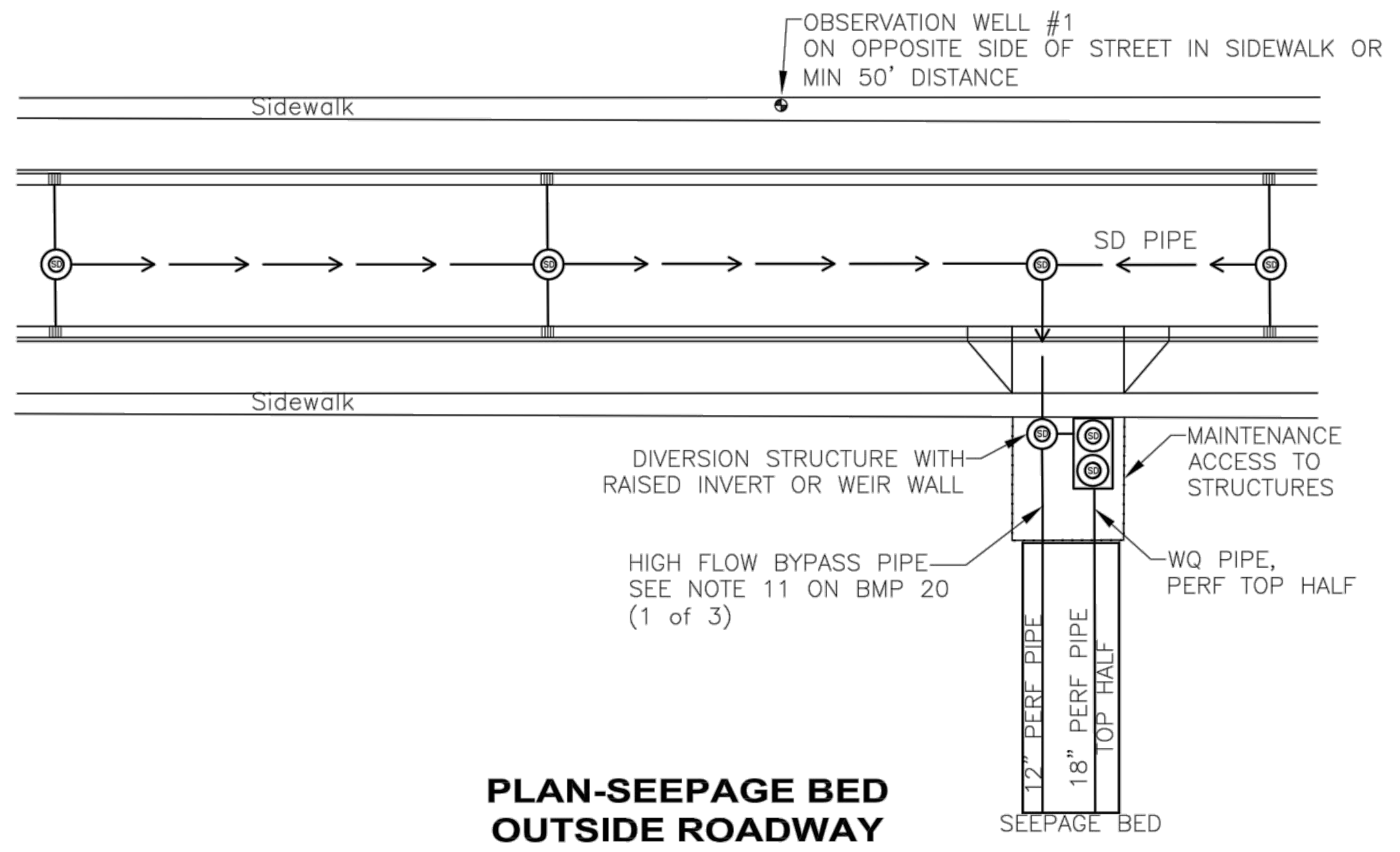
2017 ACHD STORMWATER DESIGN GUIDELINES	SEEPAGE BED WITH OPTIONAL CHAMBERS	STANDARD DRAWING BMP 20 SHEET 2 OF 3


3" THICKNESS OF PLANT MIX PAVEMENT (SUPERPAVE SP-3 1/2" MIX DESIGN W/PG-64-28)
4" THICKNESS OF ¾" MINUS CRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
20" THICKNESS OF 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
GRANULAR STRUCTURAL FILL AS REQUIRED BY SITE CONDITIONS 6" MINUS UNCRUSHED AGGREGATE BASE COMPACTED TO 95% MAX DRY DENSITY PER ASTM D1557
SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS
SUBGRADE SHALL BE PREPARED AND PROOF COMPACTED PER THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT AND BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO PLACEMENT OF OF ANY SUBBASE AGGREGATE OR GRANULAR STRUCTURAL FILL

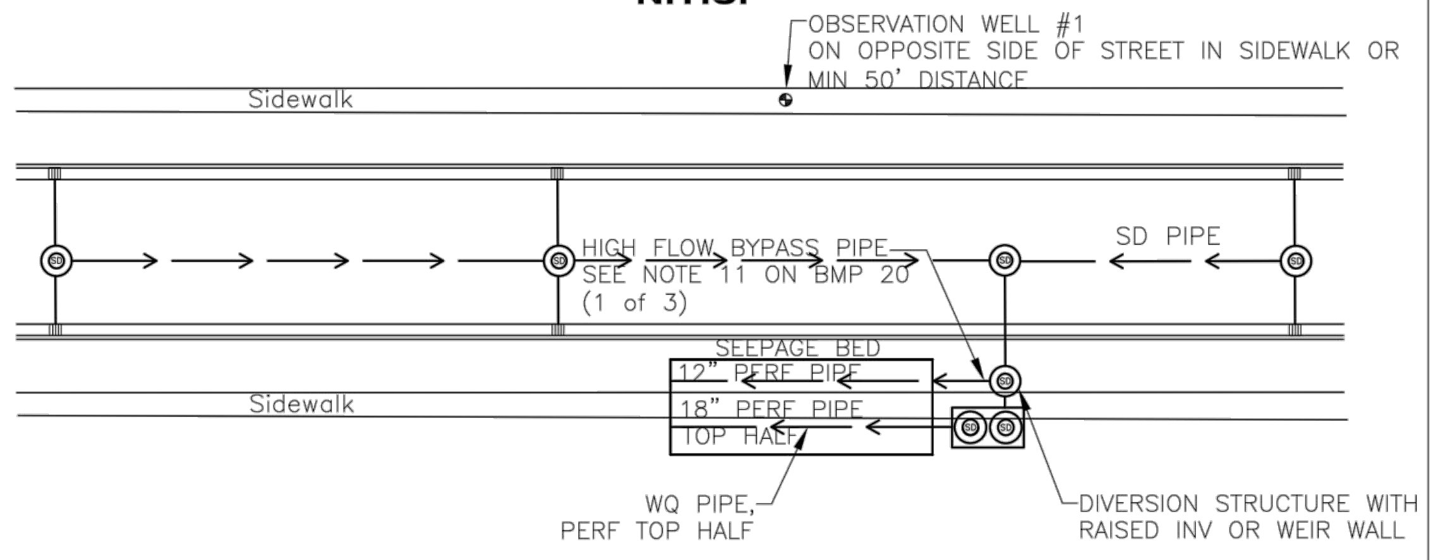
NOTES
1. ALL WORK, TESTING, AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH ACHD STANDARDS AND REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH ACHD AND OBTAIN ALL ACHD REQUIRED APPROVALS, INSPECTIONS AND TESTING.
2. PAVEMENT SECTION WITH IN ACHD ROW - CONSTRUCT ALL PAVEMENT MATCHES (INCLUDING DRIVEWAY APPROACHES AND UTILITY CUT STREET REPAIRS) WITHIN ACHD RIGHT-OF-WAY TO MATCH THE EXISTING STREET PAVEMENT SECTION OR TO USE THE FOLLOWING: COLLECTOR ROADWAYS (S. RECREATION AVE. ALONG EAST SITE BOUNDARY) SHALL BE SP-3, 0.50 INCH (1/2") MIX, PG 64-28 THREE INCHES (2") THICK, AS A MINIMUM WITH 4" OF ¾" BASE AND 20" OF 6" MINUS PIT RUN. USE WHICHEVER PAVEMENT SECTION IS GREATER.
3. CONTRACTOR SHALL PROVIDE ASPHALT PAVEMENT MIX DESIGN AND AGGREGATE BASE SUBMITTALS DIRECTLY TO ACHD AND OBTAIN APPROVAL OF FOR ALL MATERIALS.
4. ALL ASPHALT PAVEMENTS AND BASE MATERIALS, AND SUB-GRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT.
5. THE ONSITE AND OFFSITE OFFSITE ASPHALT PAVEMENT MIX DESIGNS SHALL BE AS SHOWN FOR THE RESPECTIVE WORK LOCATIONS.
6. AGGREGATE BASE MATERIALS (3/4" MINUS CRUSHED AGGREGATE & 6" MINUS UNCRUSHED AGGREGATE) MATERIALS SHALL COMPLY WITH DIVISION 800 OF THE ISPWC.
7. ALL SUBGRADES, STRUCTURAL FILL, AND BASE MATERIAL PREPARATIONS SHALL BE APPROVED BY ACHD AND OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO COVERING UP THE WORK OR PLACING SUBSEQUENT LIFTS.
8. ASPHALT PAVEMENT SHALL BE COMPACTED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT AND ACHD STANDARDS. DENSITY TESTING SHALL BE PERFORMED RANDOMLY ACROSS THE SITE AT A FREQUENCY TO BE DETERMINED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE.
9. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

ACHD ASPHALT PAVEMENT SECTION S. RECREATION AVE. (COLLECTOR)

3
C.DT.9


OBSERVATION WELL #1 ON OPPOSITE SIDE OF STREET IN SIDEWALK OR MIN 50' DISTANCE
Sidewalk
SD PIPE
Sidewalk
DIVERSION STRUCTURE WITH RAISED INVERT OR WEIR WALL
MAINTENANCE ACCESS TO STRUCTURES
HIGH FLOW BYPASS PIPE SEE NOTE 11 ON BMP 20 (1 of 3)
WQ PIPE, PERF TOP HALF
12" PERF PIPE
18" PERF PIPE TOP HALF
SEEPAGE BED

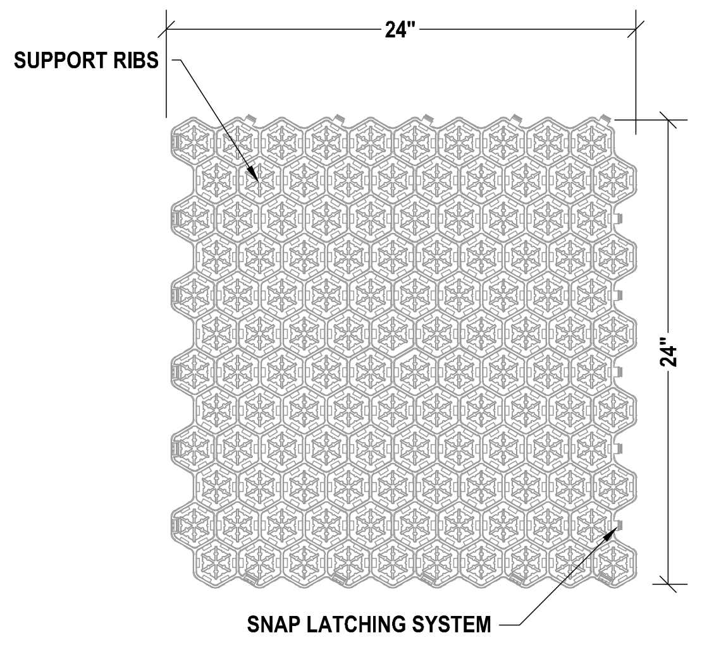
PLAN-SEEPAGE BED OUTSIDE ROADWAY
N.T.S.


OBSERVATION WELL #1 ON OPPOSITE SIDE OF STREET IN SIDEWALK OR MIN 50' DISTANCE
Sidewalk
HIGH FLOW BYPASS PIPE SEE NOTE 11 ON BMP 20 (1 of 3)
SD PIPE
SEEPAGE BED
12" PERF PIPE
18" PERF PIPE TOP HALF
Sidewalk
WQ PIPE, PERF TOP HALF
DIVERSION STRUCTURE WITH RAISED INV OR WEIR WALL

PLAN-SEEPAGE BED UNDER SIDEWALK
N.T.S.

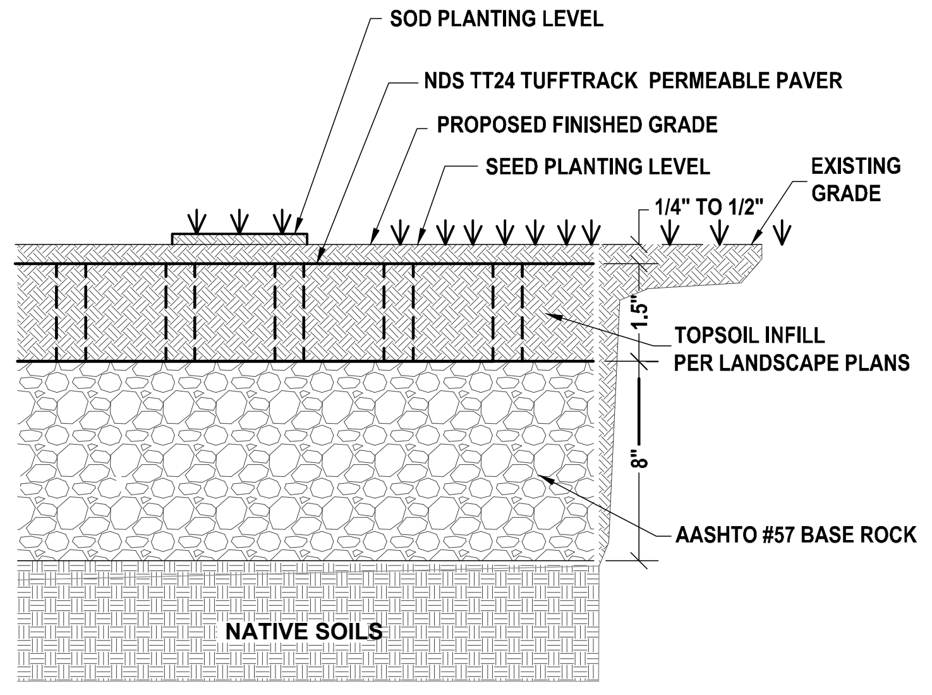
4
C.DT.9

2017 ACHD STORMWATER DESIGN GUIDELINES	SEEPAGE BED WITH OPTIONAL CHAMBERS	STANDARD DRAWING BMP 20 SHEET 3 OF 3



PLAN VIEW

PRODUCT DESCRIPTION
PANEL SIZE: 24" X 24" X 1 1/2"
CELLS PER PANEL: (120) 2-1/2" HEXAGONAL CELLS



SECTION

GRASS PAVER TYPICAL SECTION

5
C.DT.9

NOTES:

ENGINEERING PROPERTIES:
1. COMPRESSIVE STRENGTH OF TT24 PAVER:
   EMPTY PAVER: ULTIMATE LOAD = 86,563 LBS / 601 PSI
   FILLED PAVER: ULTIMATE LOAD = 400,000 LBS
2. POROSITY OF AASHTO #57 AGGREGATE = 0.4

TOP SOIL FILL & PLANTING:
3. SEE LANDSCAPE PLANS FOR TOPSOIL FILL AND PLANTING REQUIREMENTS INSIDE OF PAVERS.
4. EXTEND TOP SOIL INSIDE PAVER AN ADDITIONAL ¼ TO ½ INCH ABOVE PAVER SURFACE AND MATCH SURROUNDING GRADE. PROPOSED FINISHED GRADE SLOPE PER PROJECT GRADING PLAN. PROTECT PAVER AREA UNTIL GRASS IS SUFFICIENTLY ESTABLISHED TO HANDLE TRAFFIC. PROVIDE 1" (MIN.) CLEARANCE BETWEEN ANY CONCRETE EDGE AND PAVER.
5. GRASS PAVERS ARE TO BE USED FOR AREAS OF PEDESTRIAN USE AND OCCASIONAL VEHICULAR TRAFFIC USE (E.G., OVERFLOW PARKING AND EMERGENCY VEHICLE/FIRE LANES).

AASHTO #57 BASE ROCK:
6. GRADATION OF AASHTO #57 COARSE BASE ROCK: 100% PASSING 1 ½" SCREEN, 95-100% PASSING 1", 25-60% PASSING ½", AND 0-10% PASSING #8 SCREEN.
   THICKNESS OF AGGREGATE LAYER IS AS FOLLOWS: NO BASE REQUIRED FOR EROSION CONTROL AND PEDESTRIAN-ONLY LOADS (COMPACTION OF NATIVE SOIL RECOMMENDED FOR SLOPES UP TO 3%); 4 INCHES FOR LIGHT LOADS (GOLF CARTS); 6 INCHES FOR MEDIUM LOADS (CARS AND PICKUP TRUCKS); 8 INCHES FOR HEAVY LOADS (FIRE TRUCKS).
7. COMPACT WITH ONE TO THREE PASSES OF 5-TON STEEL WHEEL ROLLER. SINCE IT IS DIFFICULT TO MEASURE DENSITY OF COARSE AGGREGATE, APPROACH OF REQUIRING A FIXED DENSITY IS NOT APPLICABLE.

SUBGRADE NATIVE SOIL:
8. COMPACT SUBGRADE NATIVE SOILS 95% MODIFIED PROCTOR DENSITY PER ASTM D1557.
9. CONTACT GEOTECHNICAL ENGINEER OF RECORD FOR SUBGRADE INSPECTION AND APPROVAL PRIOR TO PLACEMENT OF ANY AGGRETATE BASE MATERIALS

MERIDIAN IDAHO
APPROVED FOR CONSTRUCTION
These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.
ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.
Name - Date -

Plans Are Accepted For Public Street Construction
By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.
ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.
BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

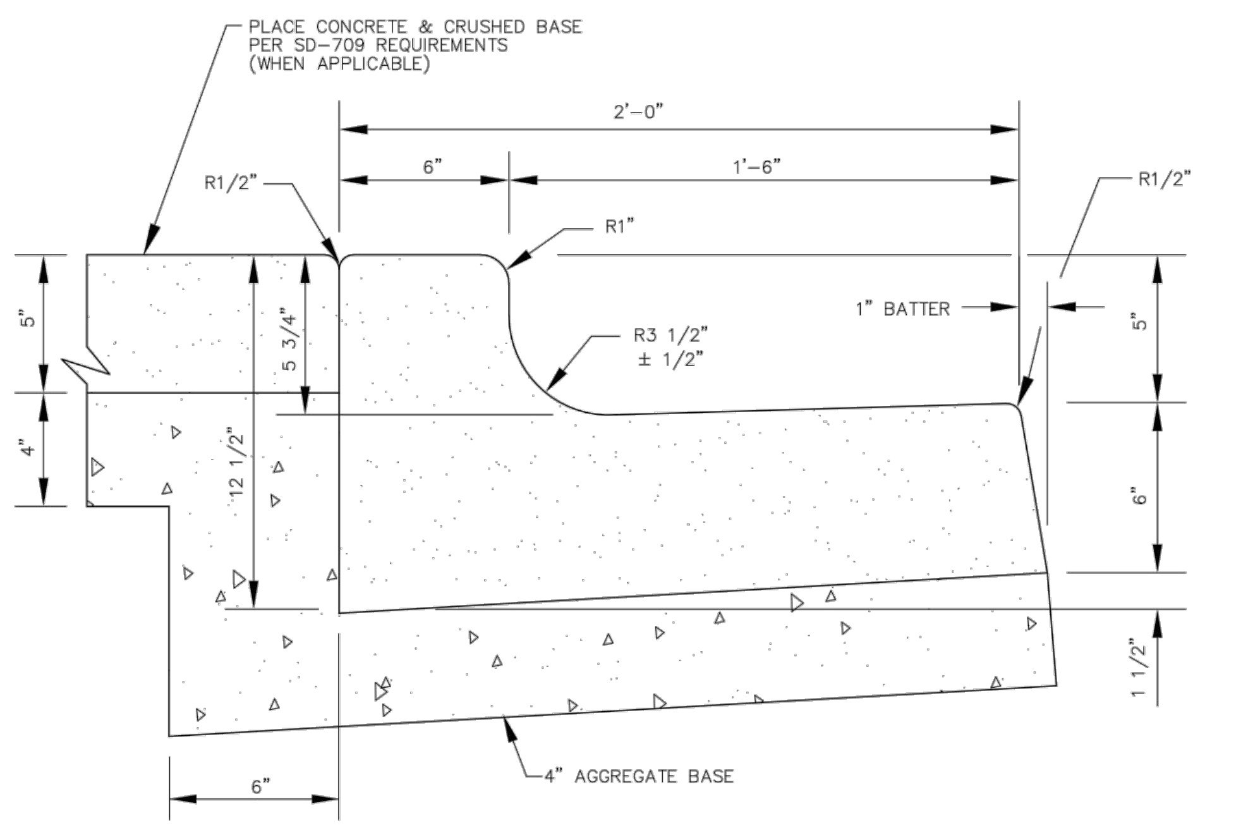
6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

NO.	REVISION	DATE

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21
SHEET NUMBER:
C.DT.9

SHEET TITLE:
DETAILS - 9



NOTES:

Ⓐ GRADE AND ALIGNMENT TO BE ESTABLISHED OR APPROVED BY THE ENGINEER AND THE PUBLIC AGENCY HAVING JURISDICTION.

Ⓑ BASE: 4-INCH COMPACTED DEPTH OF 3/4-INCH MINUS CRUSHED AGGREGATE BASE MATERIAL, PLACE AS SPECIFIED AND PAID UNDER SECTION-802 ISPWC; COMPACTED TO EXCEED 95% OF STANDARD PROCTOR.

Ⓒ SUBBASE: PLACE TO LENGTH BEHIND CURB AS SHOWN IN ABOVE FOR AGGREGATE BASE MATERIAL. PLACEMENT DEPTH PER PLAN OR AS DIRECTED AND PAID UNDER SECTION-801 ISPWC; COMPACTION SHALL MEET REQUIREMENTS OF SECTION 801-ISPWC.

Ⓓ CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS AT 10-FEET MAXIMUM SPACING (OR CONSISTENT WITH 2X SIDEWALK WIDTH FOR SCORE SPACING).

Ⓔ MATERIALS AND CONSTRUCTION IN COMPLIANCE WITH ISPWC SPECIFICATIONS.

Ⓕ BACKFILL AS PER SECTION-706.

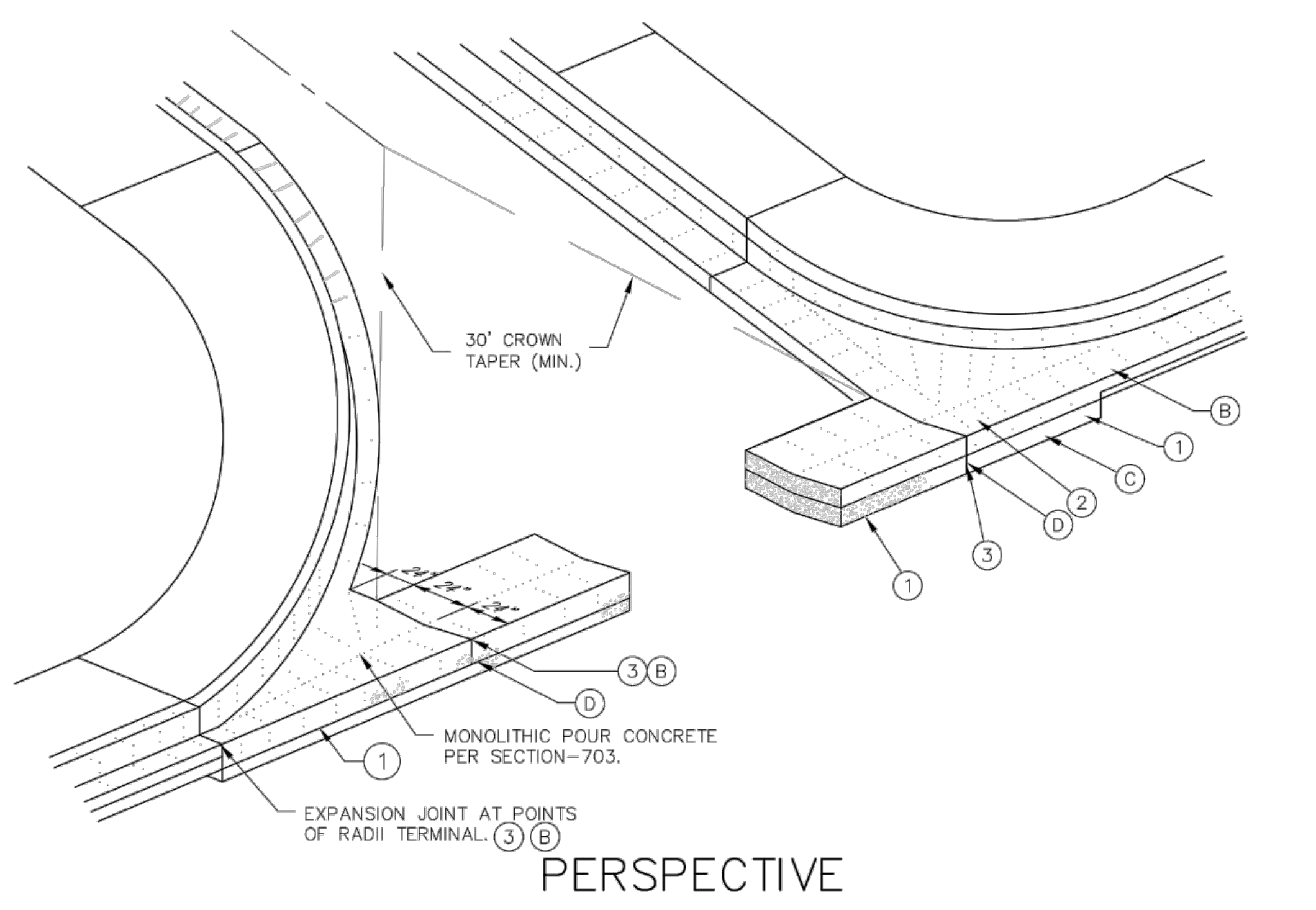
Ⓖ SECURE RIGHT-OF-WAY PERMIT BEFORE BEGINNING CONSTRUCTION IN PUBLIC RIGHT-OF-WAY.

Ⓗ STANDARD CURB TO BE USED ON:
1. COLLECTOR AND ARTERIAL STREETS, UNLESS OTHERWISE INDICATED.
2. ALL RADII PLUS 5-FEET EACH END WITH 2-FEET TRANSITION TO ROLL CURB.
3. TO MATCH EXISTING CURBS.
4. SEE SD-709 FOR CURB CONSTRUCTION WHEN SIDEWALK IS INCLUDED.

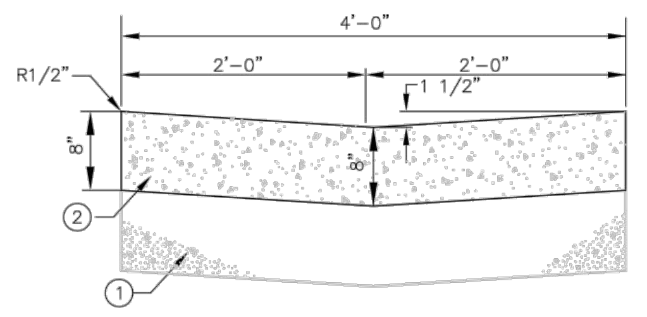
1
C.DT.10

2017 ACHD REVISION

IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ACHD SUPPLEMENT)	6" VERTICAL CURB AND GUTTER	STANDARD DRAWING NO. SD-701


30' CROWN TAPER (MIN.)
24"
24"
24"
Ⓑ
①
Ⓒ
②
Ⓓ
③
①
③Ⓑ
Ⓓ
MONOLITHIC POUR CONCRETE PER SECTION-703.
①
EXPANSION JOINT AT POINTS OF RADII TERMINAL. ③Ⓑ

PERSPECTIVE



TYPICAL SECTION

LEGEND:

① 6" OF 3/4" MINUS CRUSHED AGGREGATE BASE MINIMUM.

② CONCRETE.

③ 1/2" EXPANSION JOINT.

NOTES:

Ⓐ GRADE OF GUTTER MINIMUM 0.4%.

Ⓑ FILLET DETAIL FOR CORNER RADIUS 15 FEET OR LESS.

Ⓒ FILLET AND BASE SECTION THICKNESS SHALL MATCH THE VALLEY GUTTER, TYPICAL.

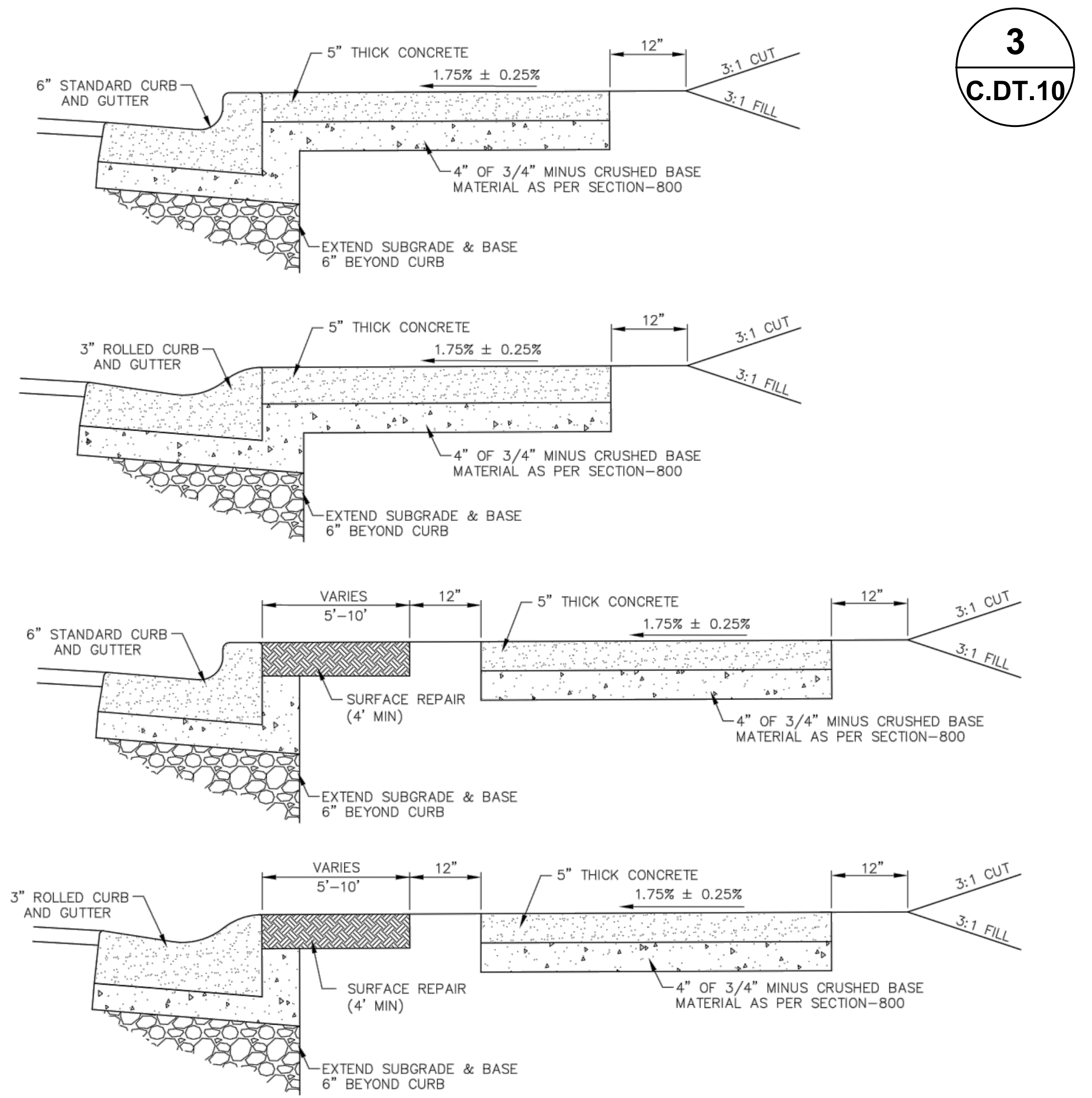
Ⓓ PAY LIMITS FOR VALLEY GUTTER.

2
C.DT.10

2017 ACHD REVISION

IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ACHD SUPPLEMENT)	VALLEY GUTTER	STANDARD DRAWING NO. SD-708

3
C.DT.10


6" STANDARD CURB AND GUTTER
5" THICK CONCRETE
1.75% ± 0.25%
12"
3:1 CUT
3:1 FILL
4" OF 3/4" MINUS CRUSHED BASE MATERIAL AS PER SECTION-800
EXTEND SUBGRADE & BASE 6" BEYOND CURB
3" ROLLED CURB AND GUTTER
5" THICK CONCRETE
1.75% ± 0.25%
12"
3:1 CUT
3:1 FILL
4" OF 3/4" MINUS CRUSHED BASE MATERIAL AS PER SECTION-800
EXTEND SUBGRADE & BASE 6" BEYOND CURB
VARIES 5'-10'
12"
6" STANDARD CURB AND GUTTER
5" THICK CONCRETE
1.75% ± 0.25%
12"
3:1 CUT
3:1 FILL
SURFACE REPAIR (4' MIN)
4" OF 3/4" MINUS CRUSHED BASE MATERIAL AS PER SECTION-800
EXTEND SUBGRADE & BASE 6" BEYOND CURB
VARIES 5'-10'
12"
3" ROLLED CURB AND GUTTER
5" THICK CONCRETE
1.75% ± 0.25%
12"
3:1 CUT
3:1 FILL
SURFACE REPAIR (4' MIN)
4" OF 3/4" MINUS CRUSHED BASE MATERIAL AS PER SECTION-800
EXTEND SUBGRADE & BASE 6" BEYOND CURB

NOTES:

Ⓐ LOCATION GRADE AND WIDTH TO BE ESTABLISHED OR APPROVED BY THE OWNER.

Ⓑ BASE TO BE COMPACTED TO EXCEED 95% OF STANDARD DENSITY.

Ⓒ SLOPE SIDEWALK TOWARD THE STREET NOT TO EXCEED 1.75% ± 0.25% UNLESS OTHERWISE SPECIFIED BY THE OWNER.

Ⓓ SCORE AT INTERVALS TO MATCH WIDTH OF WALK NOT TO EXCEED 5 FEET SPACING.

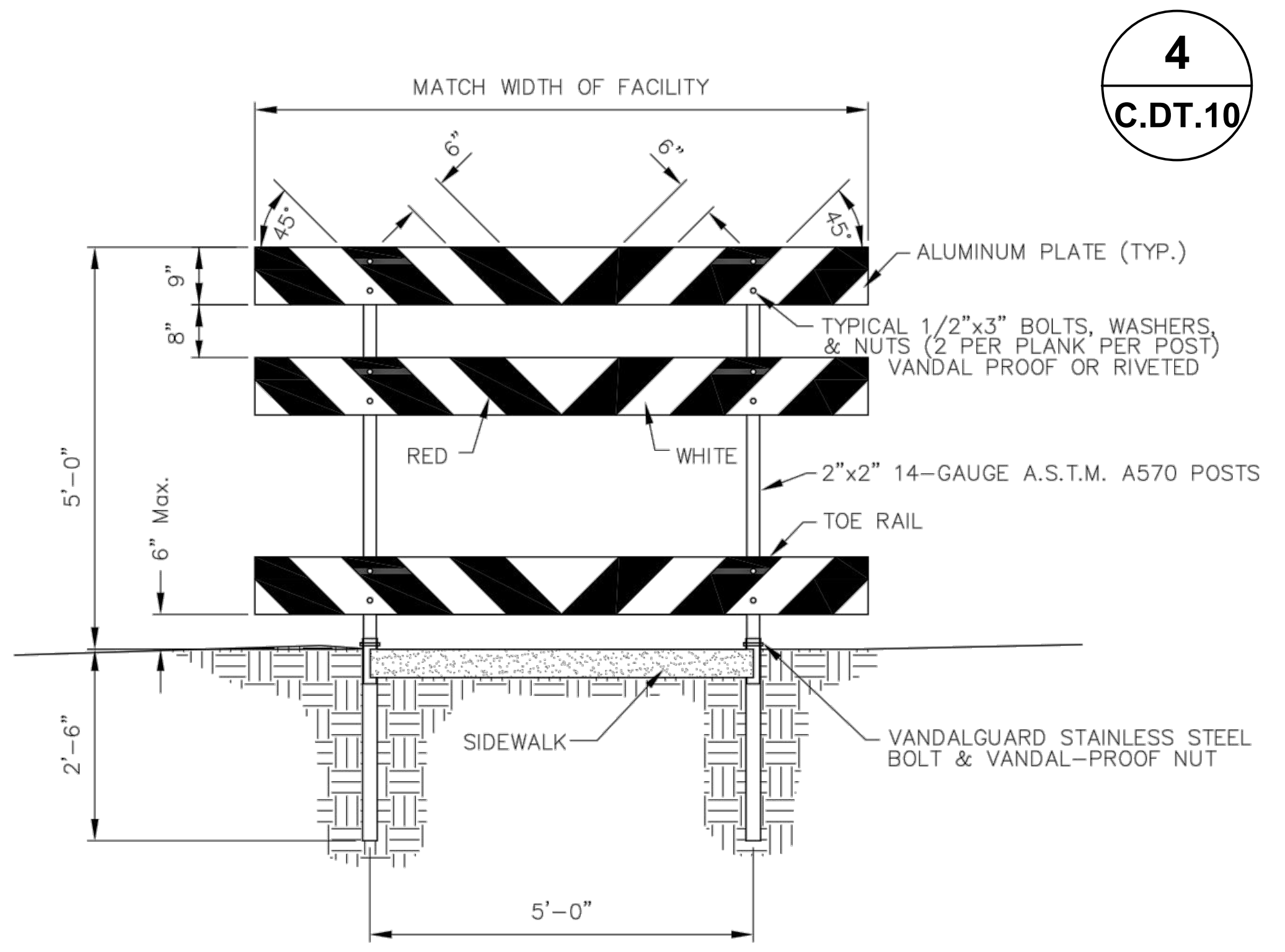
Ⓔ 1/2" TRANSVERSE PREFORMED BITUMINOUS JOINTS AT THE TERMINUS POINTS FOR CURVE AND WHERE SIDEWALK IS PLACED BETWEEN TWO PERMANENT FOUNDATIONS, PLACE 1/2" EXPANSION JOINT MATERIAL ALONG THE BACK OF WALK THE FULL LENGTH.

Ⓕ DRIVEWAY APPROACH ACROSS PLANTER STRIP TO BE 5" MINIMUM CONCRETE OVER 4" OF 3/4" MINUS CRUSHED BASE.

2017 ACHD REVISION

IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ACHD SUPPLEMENT)	CONCRETE SIDEWALK	STANDARD DRAWING NO. SD-709

4
C.DT.10


MATCH WIDTH OF FACILITY
6"
6"
45°
45°
ALUMINUM PLATE (TYP.)
9"
8"
TYPICAL 1/2"x3" BOLTS, WASHERS, & NUTS (2 PER PLANK PER POST) VANDAL PROOF OR RIVETED
RED
WHITE
2"x2" 14-GAUGE A.S.T.M. A570 POSTS
5'-0"
6" Max.
TOE RAIL
2'-6"
SIDEWALK
VANDALGUARD STAINLESS STEEL BOLT & VANDAL-PROOF NUT
5'-0"

NOTES:

Ⓐ THE ABOVE BARRICADE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR WHERE CALLED FOR ON THE PLANS.

Ⓑ MARKINGS FOR BARRICADE RAILS SHALL BE RED AND WHITE STRIPES (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).

Ⓒ THE CHEVRON STRIPING ORIENTATION SHALL MEET THE REQUIREMENTS OUTLINED IN THE MUTCD.

Ⓓ THE ENTIRE AREA OF RED AND WHITE STRIPES SHALL BE REFLECTORIZED SO AS TO BE VISIBLE UNDER NORMAL ATMOSPHERIC CONDITIONS FROM A MINIMUM DISTANCE OF 1,000 FEET WHEN ILLUMINATED BY THE LOW BEAMS OF STANDARD AUTOMOBILE HEADLIGHTS.

Ⓔ FREE STANDING BARRICADES SHALL BE BUILT SIMILAR, BUT 2"x2" POSTS SHALL BE 5'-0" LONG AND SHALL HAVE 2" x 6" x 4'-0" LONG SUPPORTS SET 90° TO AND CENTERED ON POST FOR SUPPORT AND ATTACHED WITH (2) 1/2"x7" BOLTS WITH WASHERS AND NUTS.

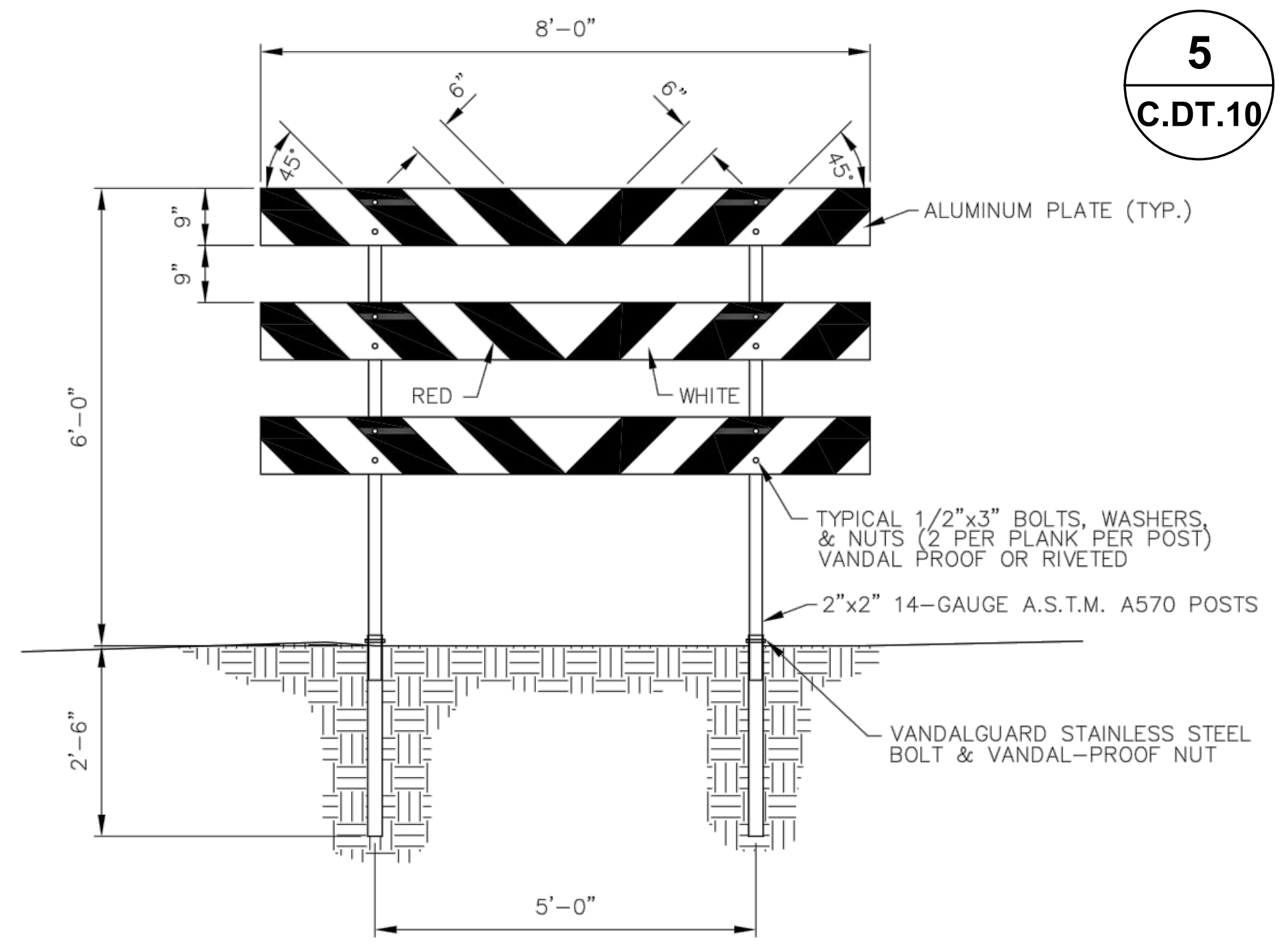
Ⓕ ALL SURFACES SHALL BE COVERED WITH PRISMATIC HIGH INTENSITY SHEETING.

Ⓖ ALUMINUM PLATE SHALL BE A MIN. 11 GAUGE WITH 1" THICKENED EDGE (MIN. 2 GAUGE) ON BOTH TOP AND BOTTOM.

2017 ACHD REVISION

IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ACHD SUPPLEMENT)	TERMINUS BARRICADE TYPE II	STANDARD DRAWING NO. SD-1132A

5
C.DT.10


8'-0"
6"
6"
45°
45°
ALUMINUM PLATE (TYP.)
9"
9"
RED
WHITE
6'-0"
TYPICAL 1/2"x3" BOLTS, WASHERS, & NUTS (2 PER PLANK PER POST) VANDAL PROOF OR RIVETED
2"x2" 14-GAUGE A.S.T.M. A570 POSTS
2'-6"
VANDALGUARD STAINLESS STEEL BOLT & VANDAL-PROOF NUT
5'-0"

NOTES:

Ⓐ THE ABOVE BARRICADE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR WHERE CALLED FOR ON THE PLANS.

Ⓑ MARKINGS FOR BARRICADE RAILS SHALL BE RED AND WHITE STRIPES (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).

Ⓒ THE CHEVRON STRIPING ORIENTATION SHALL MEET THE REQUIREMENTS OUTLINED IN THE MUTCD.

Ⓓ THE ENTIRE AREA OF RED AND WHITE STRIPES SHALL BE REFLECTORIZED SO AS TO BE VISIBLE UNDER NORMAL ATMOSPHERIC CONDITIONS FROM A MINIMUM DISTANCE OF 1,000 FEET WHEN ILLUMINATED BY THE LOW BEAMS OF STANDARD AUTOMOBILE HEADLIGHTS.

Ⓔ FREE STANDING BARRICADES SHALL BE BUILT SIMILAR, BUT 2"x2" POSTS SHALL BE 6'-0" LONG AND SHALL HAVE 2" x 6" x 4'-0" LONG SUPPORTS SET 90° TO AND CENTERED ON POST FOR SUPPORT AND ATTACHED WITH (2) 1/2"x7" BOLTS WITH WASHERS AND NUTS.

Ⓕ ALL SURFACES SHALL BE COVERED WITH PRISMATIC HIGH INTENSITY SHEETING.

Ⓖ ALUMINUM PLATE SHALL BE A MIN. 11 GAUGE WITH 1" THICKENED EDGE (MIN. 2 GAUGE) ON BOTH TOP AND BOTTOM.

2017 ACHD REVISION

IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ACHD SUPPLEMENT)	TERMINUS BARRICADE TYPE III	STANDARD DRAWING NO. SD-1132B

APPROVED FOR CONSTRUCTION

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

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BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

**CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585**

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com

erickson civil

NO.	REVISION	DATE

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.DT.10

SHEET TITLE:
DETAILS - 10

Keyed Notes

1. RETAIN & PROTECT EXISTING SEWER.
2. RETAIN & PROTECT EXISTING WATER.
3. RETAIN & PROTECT EXISTING POWER.
4. NOT USED.
5. MAINTAIN 18" OF VERTICAL SEPARATION BETWEEN WATER LINE AND NON POTABLE LINE. SEE WATER NOTES 2 & 3 ON SHEET C1.1, AND DETAIL 1/C.UT.4.
6. NEW 2" WATER SERVICE, METER, & SETTER PER STD. DWG. W4.
7. FIELD LOCATE AND CONNECT TO EXISTING 1" WATER STUB AT BUILDING - PROVIDE REDUCER/FITTINGS AS REQUIRED.
8. FIELD LOCATE AND CONNECT TO EXISTING 8" WATER. REMOVE EXISTING WATER AND BLOWOFF DOWNSTREAM OF NEW WATER CONNECTION. PROVIDE TYPE-P SURFACE RESTORATION.
9. DRINKING FOUNTAIN WATER SERVICE AND DRAIN - (SEE 3/C.UT.5). DRINKING FOUNTAIN BY OTHERS.
10. 1" REDUCED PRESSURE BACK FLOW PREVENTER FOR SITE WATER SUPPLY PER CITY OF MERIDIAN STDS. - (SEE DETAIL 2/C.UT.5).
11. POTHOLE EXISTING GAS LINE AT CROSSING LOCATION AND DETERMINE EXACT HORIZONTAL AND VERTICAL POSITION OF GAS LINE PRIOR TO START OF CONSTRUCTION. COORDINATE POTHOLING WITH WILLIAMS PIPE LINE.
12. 4.0" WATER SERVICE STUB - PROVIDE REDUCER/FITTINGS AS REQUIRED - SEE PLUMBING PLANS FOR CONTINUATION.
13. NOT USED.
14. INSTALL STEEL CASING, WATER MAIN, PLASTIC SKIDS, WATER TIGHT BOOTS, AND APPURTENANT MATERIALS AS PER CITY OF MERIDIAN STD. DWG. SW1 & SW2 AND THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
15. FIRE HYDRANT PER STD. DWGS. W8 & W9.
16. 2" BLOW OFF ASSEMBLY PER STD. DWG. W12.
17. INSTALL STEEL CASING, WATER MAIN, PLASTIC SKIDS, WATER TIGHT BOOTS, AND APPURTENANT MATERIALS AS PER CITY OF MERIDIAN STD. DWG. SW1 & SW2.CASING SHALL BE INSTALLED 3-FET CLEAR UNDER GRAVITY IRRIGATION
18. DRINKING FOUNTAIN WATER SUPPLY VALVE BOX - (SEE 3/C.UT.5). LOCATE VALVE BOX IN LANDSCAPE AREA - ADJUST TO MATCH FINISHED GRADE.
19. NOT USED.
20. 2" REDUCED PRESSURE BACK FLOW PREVENTER FOR SITE WATER SUPPLY PER CITY OF MERIDIAN STDS. - (SEE DETAIL 2/C.UT.5).
21. FROST FREE YARD HYDRANT - (SEE 4/C.UT.5).
22. SITE WATER SUPPLY LOCATED IN LANDSCAPE AREA - (SEE 1/C.UT.5).
23. 1" SITE DRINKING FOUNTAIN SUPPLY FROM BUILDING - SEE PLUMBING PLANS FOR CONTINUATION.
24. 1.5" SITE WATER SERVICE SUPPLY FROM BUILDING - SEE PLUMBING PLANS FOR CONTINUATION.
25. VERIFY AND PROVIDE CLEARANCE BETWEEN WATER LINE AND BASKETBALL HOOP FOUNDATION.

WATER-GAS CROSSING #2 PROFILE
FINISHED GRADE @ PIPE C/L
101.18' WILLIAMS PIPELINE EASEMENT
APPROXIMATE EXISTING GRADE @ PIPE C/L
6' COVER AT CROSSING
2' MIN. SEPARATION
22" GAS
24" GAS
12" X 8" CROSS & VALVES
WATER-GAS CROSSING #1 PROFILE
78.57' WILLIAMS PIPELINE EASEMENT
15" GI
DISCOVERY PARK PHASE 1
PINNACLE SUB.
FUTURE APEX EAST SUB.
MERIDIAN RURAL FIRE
SEE SHEET C.UT.1
S. RECREATION AVE.
EXISTING RESTROOM / CONCESSIONS
SHELTER #1
SHELTER #2
EXISTING MAINTENANCE SHOP FINISHED FLOOR EL: 2746.46
RESTROOM / CONCESSIONS FINISHED FLOOR EL: 2748.13
RETAIN & PROTECT EXISTING WILLIAMS GAS PIPES - PROVIDE WILLIAMS PIPELINE 48-HOURS NOTICE PRIOR TO PERFORMING ANY WORK WITHIN THE WILLIAMS PIPELINE EASEMENT A REPRESENTATIVE FROM WILLIAMS PIPELINE SHALL BE ONSITE AT ALL TIMES WHILE WORK IS BEING PERFORMED WITHIN SAID EASEMENT
SEE WATER-GAS CROSSING #1 PROFILE ON THIS SHEET
SEE WATER-GAS CROSSING #2 PROFILE ON THIS SHEET
FUTURE N. RECREATION AVE. UTILITY AND ROADWAY IMPROVEMENTS BY OTHERS UNDER ACHD CDA
WATER SYSTEM IMPROVEMENTS FROM THIS GATE VALVE TO APEX EAST SUB. TO BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT BY BRIGHTON
2" STUB FOR FUTURE EXTENSION CAP & MARK
SEWER - SEE SHEET C.UT.2
12" C-900 STORM DRAIN
16" C-900 STORM DRAIN
QUARTER SECTION LINE
WATER PLAN
N
0 50 100 FEET

Notes

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF MERIDIAN CURRENT SUPPLEMENTAL SPECIFICATIONS TO THE ISPWC.
2. SEE THE PROJECT GEOTECHNICAL REPORT AND SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.
3. SEE ELECTRICAL PLANS FOR TRANSFORMER LOCATION, SITE ELECTRICAL, AND STREET LIGHTS.
4. ALL TRAFFIC RATED SEWER CLEANOUTS SHALL HAVE CONCRETE COLLARS PER ISPWC SD-506A.
5. CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING FOR ALL UTILITY INSTALLATION.
6. CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL PLANS AND TRAFFIC CONTROL AS REQUIRED.
7. ALL TRENCHING AND BACKFILL FOR UTILITY INSTALLATION SHALL MEET STRUCTURAL FILL SPECIFICATIONS AS PROVIDED IN THE PROJECT GEOTECHNICAL REPORT. SEE SHEET C1.1 "WATER NOTES" FOR ADDITIONAL REQUIREMENTS.
8. PROVIDE CONCRETE COLLARS FOR ALL VALVES, MANHOLES, AND CLEANOUTS PER THE ISPWC.
9. ALL 4", 6", 8" AND 12" WATER PIPE SHALL BE AWWA C-900 DR18.
10. UNLESS SHOWN OTHERWISE, ALL 1", 1.5" AND 2" WATER SERVICE LINES DOWNSTREAM OF THE METER SHALL BE POLYETHYLENE PIPE, 200 PSI, DR7, AWWA/ C906, PER ISPWC DIVISION 400 - PROVIDE ALL TRANSITION FITTINGS.
11. PLUMBING CONTRACTOR SHALL PROVIDE TERMINATIONS FROM THE SITE UTILITY STUBS SHOWN, AND MAKE CONNECTIONS TO RESTROOM/CONCESSION BUILDING.
12. SITE UTILITY CONTRACTOR SHALL PROVIDE TERMINATION FROM THE SITE WATER SERVICE TO THE EXISTING MAINTENANCE SHOP WATER SERVICE STUB.
13. ALL SURFACE RESTORATION INCLUDING BUT NOT LIMITED TO ASPHALT PAVEMENT, CONCRETE PAVEMENT, SIDEWALK, AND CURB AND GUTTER ARE INCIDENTAL TO UTILITY WORK. CONTRACTOR SHALL ASSESS JOB CONDITIONS, AND SCOPE OF WORK, AND INCLUDE ALL SURFACE RESTORATION AS REQUIRED TO COMPLETE THE WORK IN THE BID - NO SEPARATE PAYMENT SHALL BE MADE.
14. SEE STORM DRAIN PLAN FOR STORM DRAIN PIPE INVERT ELEVATIONS AT WATER MAIN CROSSING LOCATIONS. AT CROSSING LOCATIONS, WATER MAIN SHALL BE INSTALLED TO PROVIDE VERTICAL SEPARATION BETWEEN THE WATER MAIN AND THE NON-POTABLE MAIN IN ACCORDANCE WITH 1/C.UT.1. CONTRACTOR SHALL INVESTIGATE CROSSING REQUIREMENTS AND INCLUDE ALL WORK IN THE BID - NO SEPARATE PAYMENT SHALL BE MADE.
15. RIM ELEVATIONS SHOWN ARE AT THE CENTER OF THE COVER - COVER SHALL SLOPE TO MATCH SURROUNDING GRADES.
16. ADJUST WATER METER VALVES AND METER TILE LID TO MATCH FINISHED GRADE AND SLOPE.
17. ADDITIONAL FITTINGS MAY BE REQUIRED FROM THOSE SHOWN ON THE PLANS - IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL NECESSARY FITTINGS REQUIRED TO CONSTRUCT THE PROJECT AND INCLUDE ALL WORK AND MATERIALS IN THE PROJECT BID - NO SEPARATE PAYMENT SHALL BE MADE.
18. ALL WORK, INCLUDING TRENCHING AND BACKFILL WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE COMPETED IN ACCORDANCE WITH THE "WILLIAMS DEVELOPER'S HANDBOOK". MATERIAL FOR TRENCH BACKFILL FROM THE TOP OF PIPE BEDDING TO SUBGRADE SHALL BE TYPE-1 BEDDING CHIPS PER ISPWC SECTION 305.
19. NO WATER SYSTEM FITTINGS ARE ALLOWED WITHIN THE WILLIAMS PIPELINE EASEMENT. CONTRACTOR SHALL LOWER WATER LINE DEPTH TO PROVIDE A MINIMUM OF 2-FEET CLEAR BETWEEN THE BOTTOM OF THE LOWEST GAS LINE AND THE TOP OF THE WATER MAIN, OR WATER MAIN CASING AS APPLICABLE. ALL WORK SHALL BE INCLUDED IN THE BID, INCLUDING ALL FITTINGS - NO SEPARATE PAYMENT SHALL BE MADE.
20. NO WATER MAIN JOINTS ARE ALLOWED WITHIN 5-FEET OF THE EXTERIOR WALL OF THE WILLIAMS PIPELINE GAS LINES.

APPROVED FOR CONSTRUCTION

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: DISCOVERY PARK PHASE 2
MERIDIAN, ID

10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

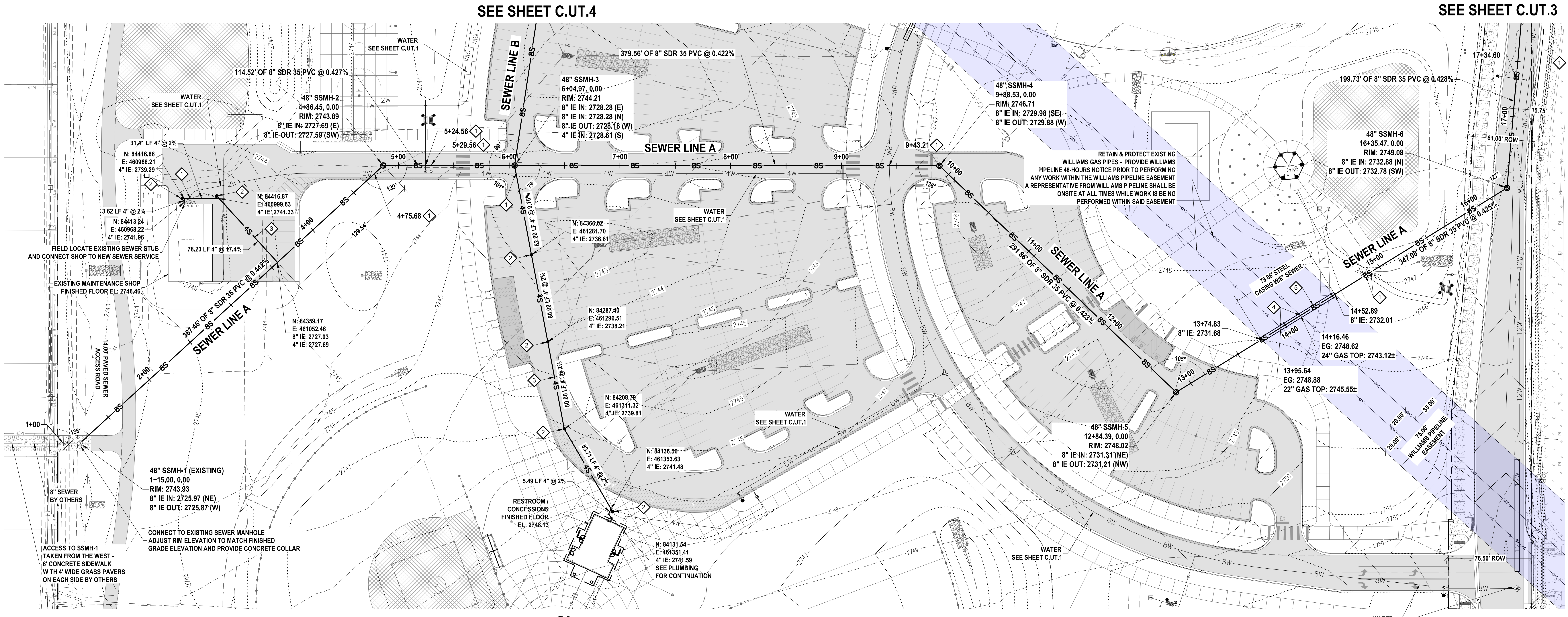
NO.	REVISION	DATE
1	CITY PLAN REVIEW COMMENTS #1	11-4-21

PROJECT MANAGER: -
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER: **IDB19075**
DATE: 09/29/21

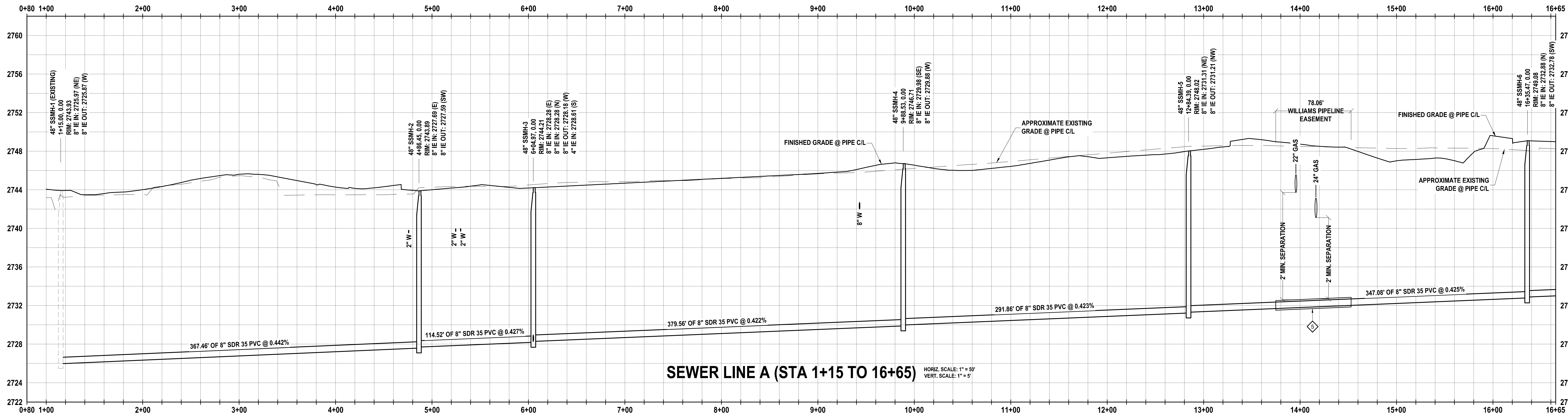
SHEET TITLE: **WATER PLAN**

SHEET NUMBER: **C.UT.1**



SEWER LINE A - (STA 1+15 TO 16+65)

0 50 100 FEET



SEWER LINE A (STA 1+15 TO 16+65)
HORIZ. SCALE: 1" = 50'
VERT. SCALE: 1" = 5'

Keyed Notes

1. MAINTAIN 18" OF VERTICAL SEPARATION BETWEEN WATER LINE AND NON-POTABLE LINE. SEE WATER NOTES 2 & 3 ON SHEET C1.1 AND DETAIL 1/C.UT.4.
2. TRAFFIC RATED CLEANOUT PER ISPWC SD-506A WITH CONCRETE COLLAR. (NO CONCRETE COLLAR WHEN CLEANOUT IS LOCATED IN PORTLAND CEMENT CONCRETE AREA)
3. SEWER SERVICE - 4" DIAMETER TYPE "B" PER ISPWC SD-511.
4. POTHOLE EXISTING GAS LINE AND DETERMINE EXACT HORIZONTAL AND BOTTOM OF PIPE ELEVATION PRIOR TO START OF CONSTRUCTION. COORDINATE POTHOLING WITH WILLIAMS PIPE LINE.
5. INSTALL 78.06 LF OF STEEL CASING, CARRIER PIPE, PLASTIC SKIDS, WATER TIGHT BOOTS, AND APPURTENANT MATERIALS AS PER CITY OF MERIDIAN STD. DWG. SW1 & SW2 AND THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.

Notes

1. ALL WORK, INCLUDING TRENCHING AND BACKFILL WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE COMPETED IN ACCORDANCE WITH THE "WILLIAMS DEVELOPER'S HANDBOOK".
2. WITHIN THE WILLIAMS PIPELINE EASEMENT TRENCH BACKFILL MATERIAL FROM THE TOP OF PIPE BEDDING TO SUBGRADE SHALL BE TYPE-1 BEDDING CHIPS PER ISPWC SECTION 305.
3. SEWER SERVICES SHALL BE 4" DIAMETER TYPE "B" PER ISPWC SD-511.
4. 8" GRAVITY SEWER MAIN SHALL BE PVC SDR 35, ASTM D3034 PER THE CITY OF MERIDIAN STANDARDS.
5. ADDITIONAL FITTINGS MAY BE REQUIRED FROM THOSE SHOWN ON THE PLANS - IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL NECESSARY FITTINGS REQUIRED TO CONSTRUCT THE PROJECT AND INCLUDE ALL WORK AND MATERIALS IN THE PROJECT BID - NO SEPARATE PAYMENT SHALL BE MADE.
6. ALL SEWER MANHOLES (SSMH) SHALL BE 48" DIAMETER AS INDICATED ON THE PLANS, AND BE PROVIDED AN INSTALLED IN ACCORDANCE WITH THE CITY OF MERIDIAN STANDARDS AND SPECIFICATIONS.
7. CONTRACTOR SHALL ASSESS THE PROJECT SCOPE OF WORK AND ALL EXISTING CONDITIONS PRIOR TO BID, AND INCLUDE ALL WORK (INCLUDING SURFACE RESTORATION) IN THE BID.
8. PROVIDE ALL TEMPORARY IRRIGATION DITCHES AND PIPES AS REQUIRED TO COMPLETE THE NEW IMPROVEMENTS. ALL EXISTING DITCHES SHALL HAVE TEMPORARY REROUTING PROVISIONS SUCH THAT THE FLOW OF IRRIGATION WATER, AND DRAINAGE OF SURFACE WATER ACROSS THE SITE REMAIN UNINTERRUPTED THROUGHOUT THE DURATION OF CONSTRUCTION.
9. SEE "RD" SHEETS FOR ROADWAY IMPROVEMENT PLANS.
10. SEE "GI" SHEETS FOR GRAVITY IRRIGATION IMPROVEMENT PLANS.
11. RETAIN & PROTECT ALL EXISTING UNDERGROUND UTILITIES - PROVIDE TEMPORARY SHORING AND SUPPORT AS NEEDED TO RETAIN AND PROTECT WITHOUT DISRUPTION - NO SEPARATE PAYMENT SHALL BE MADE.
12. ALL WORK, INCLUDING TRENCHING AND BACKFILL WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE COMPETED IN ACCORDANCE WITH THE "WILLIAMS DEVELOPER'S HANDBOOK". MATERIAL FOR TRENCH BACKFILL FROM THE TOP OF PIPE BEDDING TO SUBGRADE SHALL BE TYPE-1 BEDDING CHIPS PER ISPWC SECTION 305.
13. ALL SURFACE RESTORATION INCLUDING BUT NOT LIMITED TO ASPHALT PAVEMENT, CONCRETE PAVEMENT, SIDEWALK, AND CURB AND GUTTER ARE INCIDENTAL TO UTILITY WORK. CONTRACTOR SHALL ASSESS JOB CONDITIONS, AND SCOPE OF WORK, AND INCLUDE ALL SURFACE RESTORATION AS REQUIRED TO COMPLETE THE WORK IN THE BID - NO SEPARATE PAYMENT SHALL BE MADE.
14. PLUMBING CONTRACTOR SHALL PROVIDE TERMINATIONS FROM THE SITE UTILITY STUBS SHOWN, AND MAKE CONNECTIONS TO BUILDING.

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

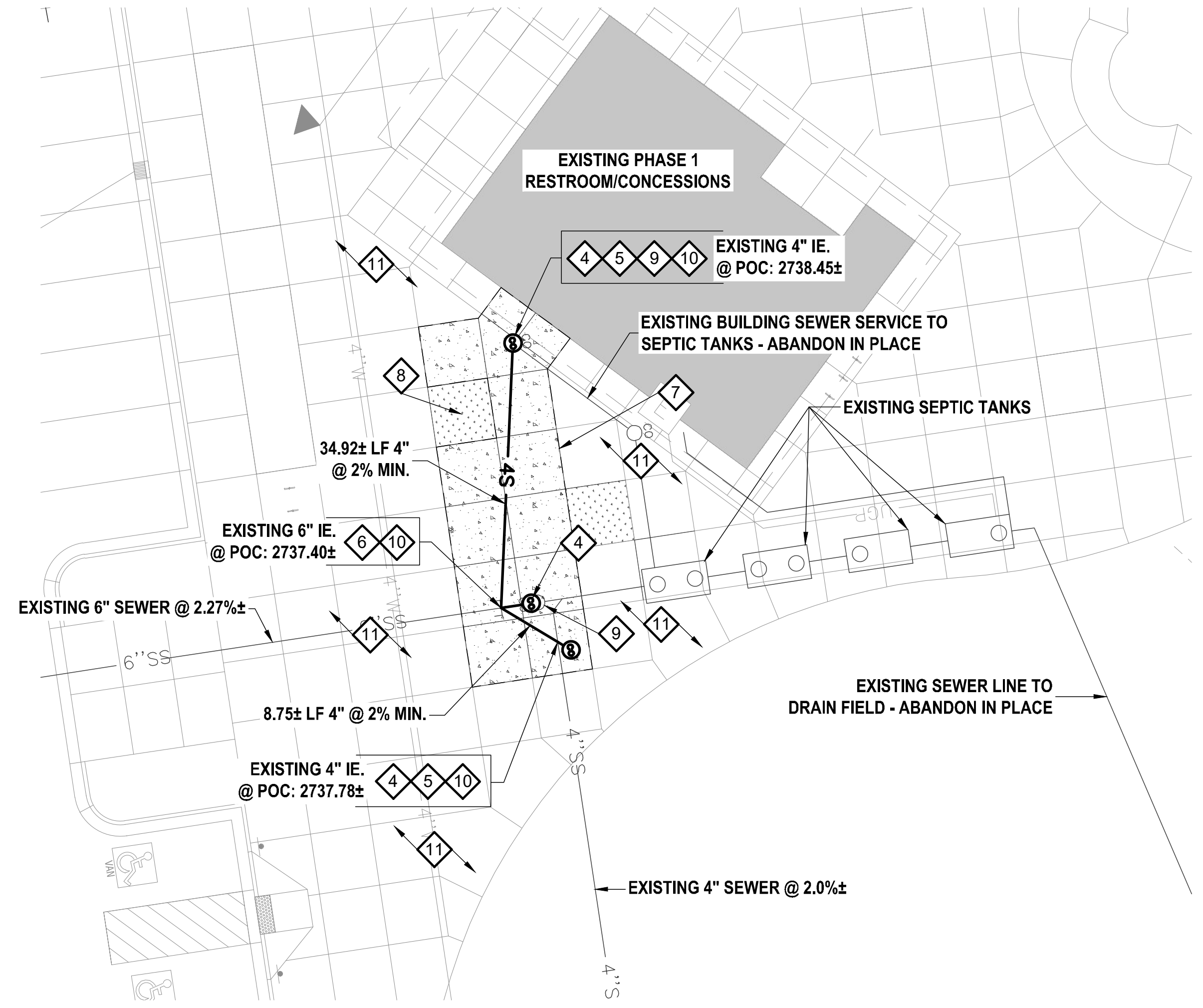
NO.	REVISION	DATE

SHEET TITLE:
SEWER LINE A (STA 1+15 TO 16+65)

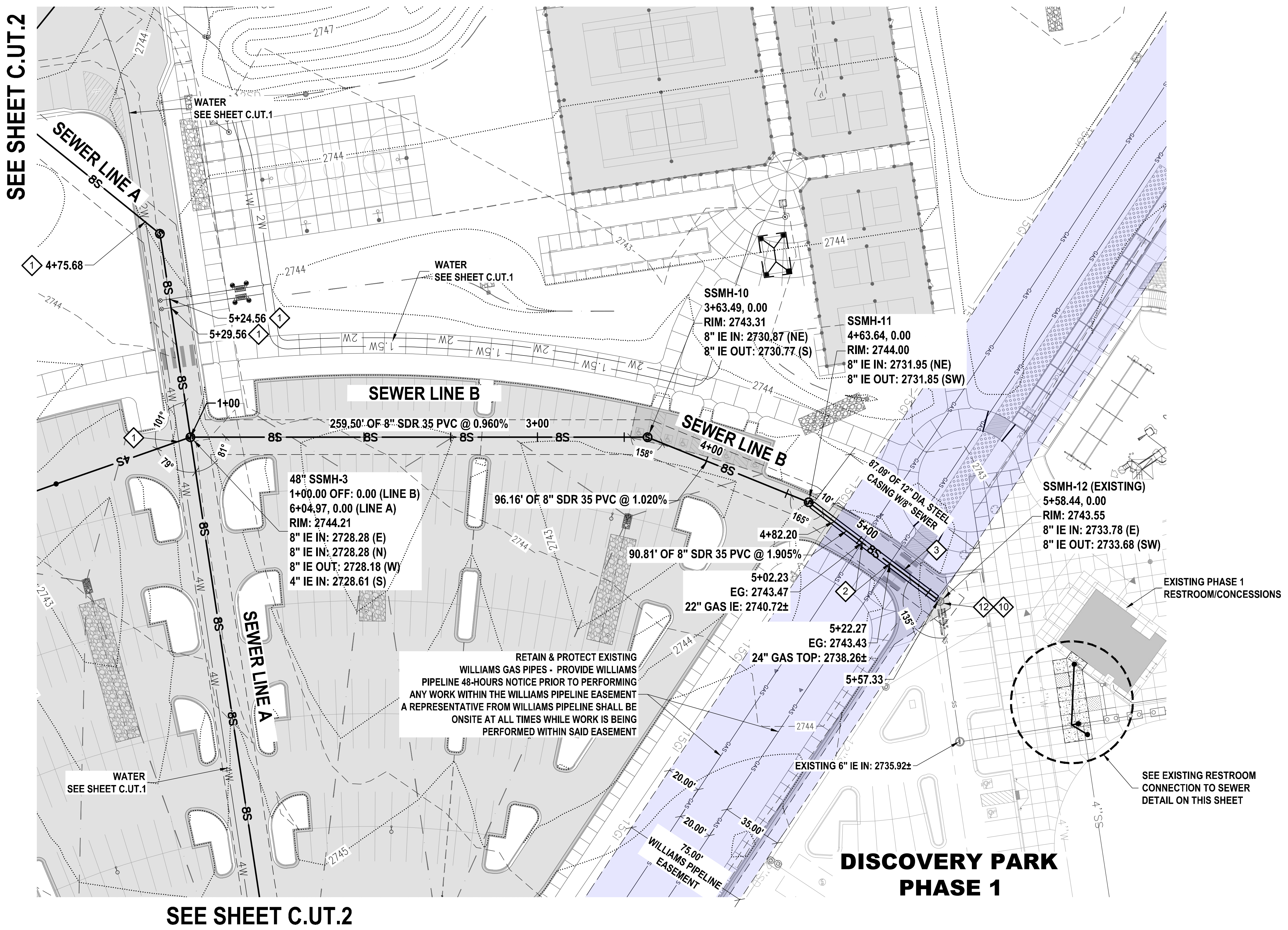
PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

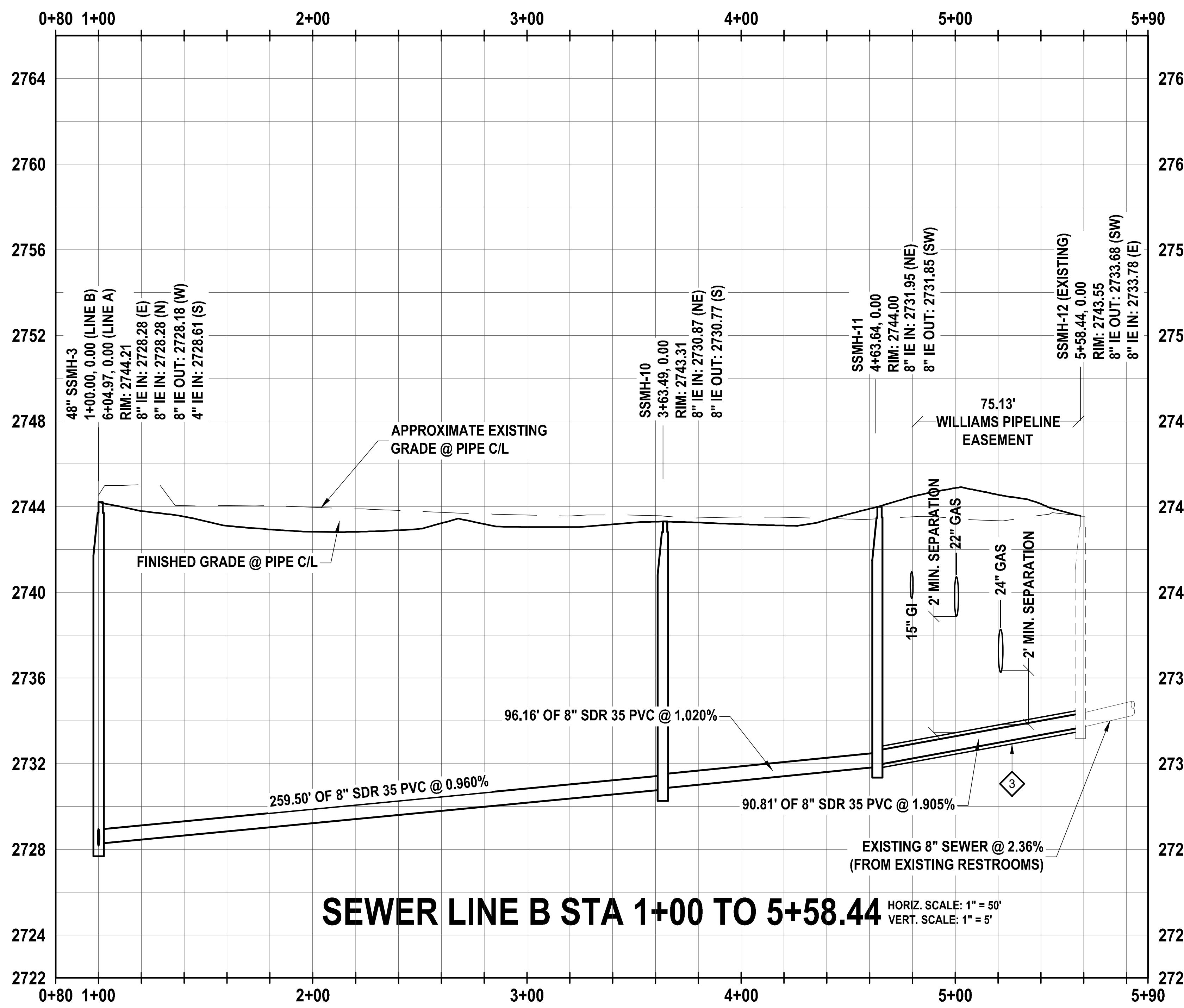
SHEET NUMBER:
C.UT.2


EXISTING PHASE 1 RESTROOM/CONCESSIONS
EXISTING 4" IE. @ POC: 2738.45±
4 5 9 10
EXISTING BUILDING SEWER SERVICE TO SEPTIC TANKS - ABANDON IN PLACE
EXISTING SEPTIC TANKS
34.92± LF 4" @ 2% MIN.
EXISTING 6" IE. @ POC: 2737.40±
6 10
EXISTING 6" SEWER @ 2.27%±
8.75± LF 4" @ 2% MIN.
EXISTING 4" IE. @ POC: 2737.78±
4 5 10
EXISTING SEWER LINE TO DRAIN FIELD - ABANDON IN PLACE
EXISTING 4" SEWER @ 2.0%±
11
8
7
4
9
4S
6"SS
4"SS
0
20
40
FEET
N

EXISTING RESTROOM CONNECTION TO SEWER



SEWER LINE B - (STA 1+00 TO 5+58.44)
EXISTING RESTROOM CONNECTION TO SEWER



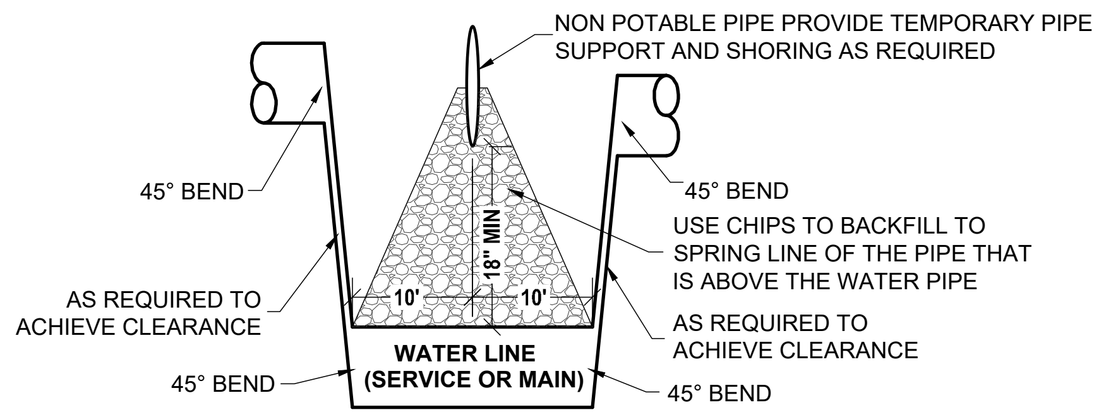
SEWER LINE B STA 1+00 TO 5+58.44

Keyed Notes

1. MAINTAIN 18" OF VERTICAL SEPARATION BETWEEN WATER LINE AND NON-POTABLE LINE. SEE WATER NOTES 2 & 3 ON SHEET C1.1 AND DETAIL 1/C.UT.4.
2. POTHOLE EXISTING GAS LINE AND DETERMINE EXACT HORIZONTAL AND BOTTOM OF PIPE ELEVATION PRIOR TO START OF CONSTRUCTION. COORDINATE POTHOLING WITH WILLIAMS PIPE LINE.
3. INSTALL 87.09 LF OF STEEL CASING, CARRIER PIPE, PLASTIC SKIDS, WATER TIGHT BOOTS, AND APPURTENANT MATERIALS AS PER CITY OF MERIDIAN STD. DWG. SW1 & SW2 AND THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
4. TRAFFIC RATED CLEANOUT PER ISPWC SD-506A WITH CONCRETE COLLAR.
5. FIELD LOCATE AND CONNECT TO EXISTING UPSTREAM 4" SEWER, DISCONNECT FROM EXISTING DOWNSTREAM SEWER AND CAP EXISTING DOWNSTREAM PIPE END.
6. FIELD LOCATE AND CONNECT TO EXISTING 6" SEWER PROVIDE ALL FITTINGS AS REQUIRED.
7. SAWCUT AT EXISTING JOINTS AND REMOVE EXISTING CONCRETE PANELS AS NEEDED FOR NEW SEWER SERVICE CONNECTIONS - REMOVE AND REPLACE FULL PANELS ONLY. PROVIDE CONCRETE SURFACE RESTORATION TO MATCH EXISTING CONCRETE SURFACE TEXTURE AND JOINT PATTERN PER ISPWC SD-709. ALL CONCRETE REPLACEMENT SHALL BE INCLUDED IN THE BID BASED ON THE CONTRACTOR'S EVALUATION OF THE WORK - NO SEPARATE PAYMENT SHALL BE MADE.
8. EXISTING PLANTER AND TREE - SEE LANDSCAPE PLANS FOR REQUIREMENTS.
9. REMOVE EXISTING CLEANOUT, CAP DOWNSTREAM PIPE.
10. CONTRACTOR SHALL FIELD VERIFY EXISTING SEWER LOCATION AND INVERT ELEVATION AT THE POINT OF CONNECTION TO THE EXISTING SEWER PRIOR TO START OF CONSTRUCTION - NOTIFY ENGINEER IMMEDIATELY IF ANY PLAN DISCREPANCIES EXIST.
11. DAMAGED, OR CRACKED CONCRETE SHALL BE REPLACED AT CONTRACTOR'S EXPENSE. REMOVE AND REPLACE FULL PANELS ONLY - NO SEPARATE PAYMENT SHALL BE MADE.
12. CONNECT TO EXISTING SEWER MANHOLE. ADJUST FRAME AND COVER TO MATCH FINISHED GRADE ELEVATION - PROVIDE CONCRETE COLLAR.

Notes

1. ALL WORK WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE WILLIAMS DEVELOPER'S HANDBOOK.
2. SEWER SERVICES SHALL BE 4" DIAMETER TYPE "B" PER ISPWC SD-511.
3. 8" GRAVITY SEWER MAIN SHALL BE PVC SDR 35, ASTM D3034 PER THE CITY OF MERIDIAN STANDARDS.
4. ADDITIONAL FITTINGS MAY BE REQUIRED FROM THOSE SHOWN ON THE PLANS - IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL NECESSARY FITTINGS REQUIRED TO CONSTRUCT THE PROJECT AND INCLUDE ALL WORK AND MATERIALS IN THE PROJECT BID - NO SEPARATE PAYMENT SHALL BE MADE.
5. ALL SEWER MANHOLES (SSMH) SHALL BE 48" DIAMETER AS INDICATED ON THE PLANS, AND BE PROVIDED AN INSTALLED IN ACCORDANCE WITH THE CITY OF MERIDIAN STANDARDS AND SPECIFICATIONS.
6. CONTRACTOR SHALL ASSESS THE PROJECT SCOPE OF WORK AND ALL EXISTING CONDITIONS PRIOR TO BID, AND INCLUDE ALL WORK (INCLUDING SURFACE RESTORATION) IN THE BID.
7. PROVIDE ALL TEMPORARY IRRIGATION DITCHES AND PIPES AS REQUIRED TO COMPLETE THE NEW IMPROVEMENTS. ALL EXISTING DITCHES SHALL HAVE TEMPORARY REROUTING PROVISIONS SUCH THAT THE FLOW OF IRRIGATION WATER, AND DRAINAGE OF SURFACE WATER ACROSS THE SITE REMAIN UNINTERRUPTED THROUGHOUT THE DURATION OF CONSTRUCTION.
8. SEE "C.RD" SHEETS FOR ROADWAY IMPROVEMENT PLANS.
9. SEE "C.GI" SHEETS FOR GRAVITY IRRIGATION IMPROVEMENT PLANS.
10. RETAIN & PROTECT ALL EXISTING UNDERGROUND UTILITIES - PROVIDE TEMPORARY SHORING AND SUPPORT AS NEEDED TO RETAIN AND PROTECT WITHOUT DISRUPTION - NO SEPARATE PAYMENT SHALL BE MADE.
11. ALL WORK, INCLUDING TRENCHING AND BACKFILL WITHIN THE WILLIAMS PIPE LINE EASEMENT SHALL BE COMPETED IN ACCORDANCE WITH THE "WILLIAMS DEVELOPER'S HANDBOOK". MATERIAL FOR TRENCH BACKFILL FROM THE TOP OF PIPE BEDDING TO SUBGRADE SHALL BE TYPE-1 BEDDING CHIPS PER ISPWC SECTION 305.
12. ALL SURFACE RESTORATION INCLUDING BUT NOT LIMITED TO ASPHALT PAVEMENT, CONCRETE PAVEMENT, SIDEWALK, AND CURB AND GUTTER ARE INCIDENTAL TO UTILITY WORK. CONTRACTOR SHALL ASSESS JOB CONDITIONS, AND SCOPE OF WORK, AND INCLUDE ALL SURFACE RESTORATION AS REQUIRED TO COMPLETE THE WORK IN THE BID - NO SEPARATE PAYMENT SHALL BE MADE.
13. PLUMBING CONTRACTOR SHALL PROVIDE TERMINATIONS FROM THE SITE UTILITY STUBS SHOWN, AND MAKE CONNECTIONS TO THE RESTROOM CONCESSIONS BUILDING.
14. SITE UTILITY CONTRACTOR SHALL PROVIDE TERMINATION FROM THE SITE SEWER SERVICE TO THE EXISTING MAINTENANCE SHOP SEWER STUB.


NON POTABLE PIPE PROVIDE TEMPORARY PIPE SUPPORT AND SHORING AS REQUIRED
45° BEND
45° BEND
USE CHIPS TO BACKFILL TO SPRING LINE OF THE PIPE THAT IS ABOVE THE WATER PIPE
18" MIN
10'
10'
AS REQUIRED TO ACHIEVE CLEARANCE
AS REQUIRED TO ACHIEVE CLEARANCE
WATER LINE (SERVICE OR MAIN)
45° BEND
45° BEND

NOTES:

1. WATER SERVICE AND MAIN PIPING SHALL HAVE A MINIMUM OF 48" COVER.
2. CONTRACTOR SHALL CONSTRUCT WATER UNDER NON-POTABLE PIPE IF 18" OF CLEAR VERTICAL SEPARATION CANNOT BE ACHIEVED.
3. CONTRACTOR SHALL ASSESS CROSSINGS PRIOR TO BID AND INCLUDE ALL WORK AND MATERIALS IN THE BID - NO SEPARATE PAYMENT SHALL BE MADE.
4. PROVIDE JOINT RESTRAINTS ON ALL FITTINGS.
5. PROVIDE THRUST BLOCKS PER ISPWC.
6. PROVIDE CASINGS PER CITY OF MERIDIAN STANDARDS WHERE SHOWN.

TYPICAL WATER & NON POTABLE PIPE CROSSING

1
UT.4

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

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Name ______ - ______ Date ______ - ______

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BY ______ - ______ DATE: ______ - ______
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
REGISTERED
10813
1-11-22
STATE OF IDAHO
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson
civil

NO.	REVISION	DATE

SHEET TITLE:
SEWER LINE B (STA 1+00 TO 5+58.44)
EXISTING RESTROOM CONNECTION TO SEWER

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

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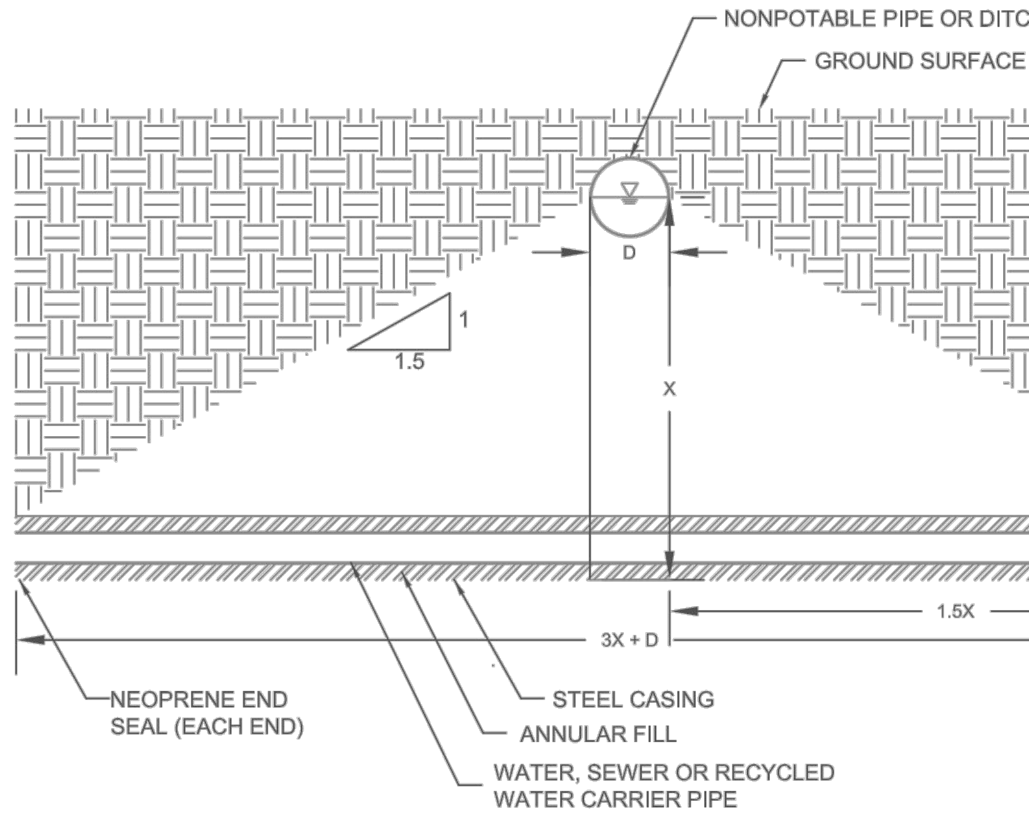
C.UT.4



NOTES

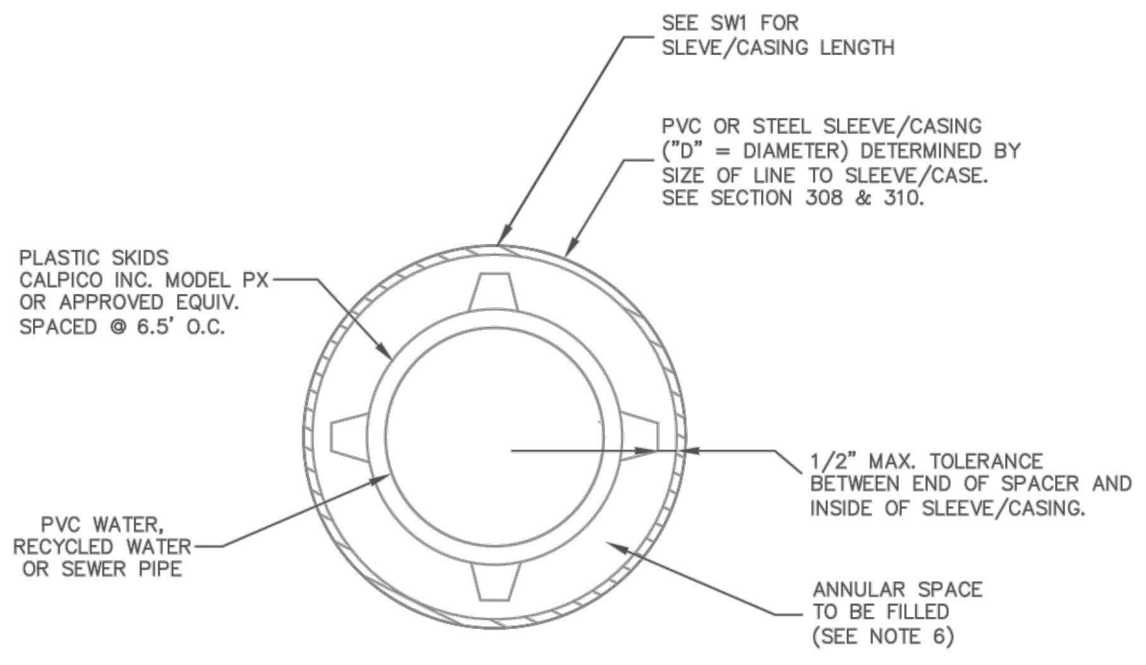
1. CASING LENGTH SHALL BE AT LEAST 3X+D IN LENGTH, WHERE X IS THE DISTANCE FROM THE CENTER OF THE NONPOTABLE PIPELINE OR DITCH TO THE REQUIRED BOTTOM OF THE CASING AND D IS THE DIAMETER OF THE IRRIGATION PIPELINE. (MINIMUM CASING LENGTH SHALL BE 20')
2. CASING SHALL BE CENTERED UNDER IRRIGATION PIPELINE
3. ANNULAR SPACE SHALL BE FILLED PER ISPWC AND CITY SUPPLEMENTAL SPECIFICATIONS. SEE SECTIONS 308 AND 310

REVISED JULY 2014

CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
TO THE IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

CASING LENGTH REQUIREMENT

SW1


SEE SW1 FOR SLEVE/CASING LENGTH
PVC OR STEEL SLEEVE/CASING ("D" = DIAMETER) DETERMINED BY SIZE OF LINE TO SLEEVE/CASE. SEE SECTION 308 & 310.
PLASTIC SKIDS CALPICO INC. MODEL PX OR APPROVED EQUIV. SPACED @ 6.5' O.C.
1/2" MAX. TOLERANCE BETWEEN END OF SPACER AND INSIDE OF SLEEVE/CASING.
PVC WATER, RECYCLED WATER OR SEWER PIPE
ANNULAR SPACE TO BE FILLED (SEE NOTE 6)

NOTES

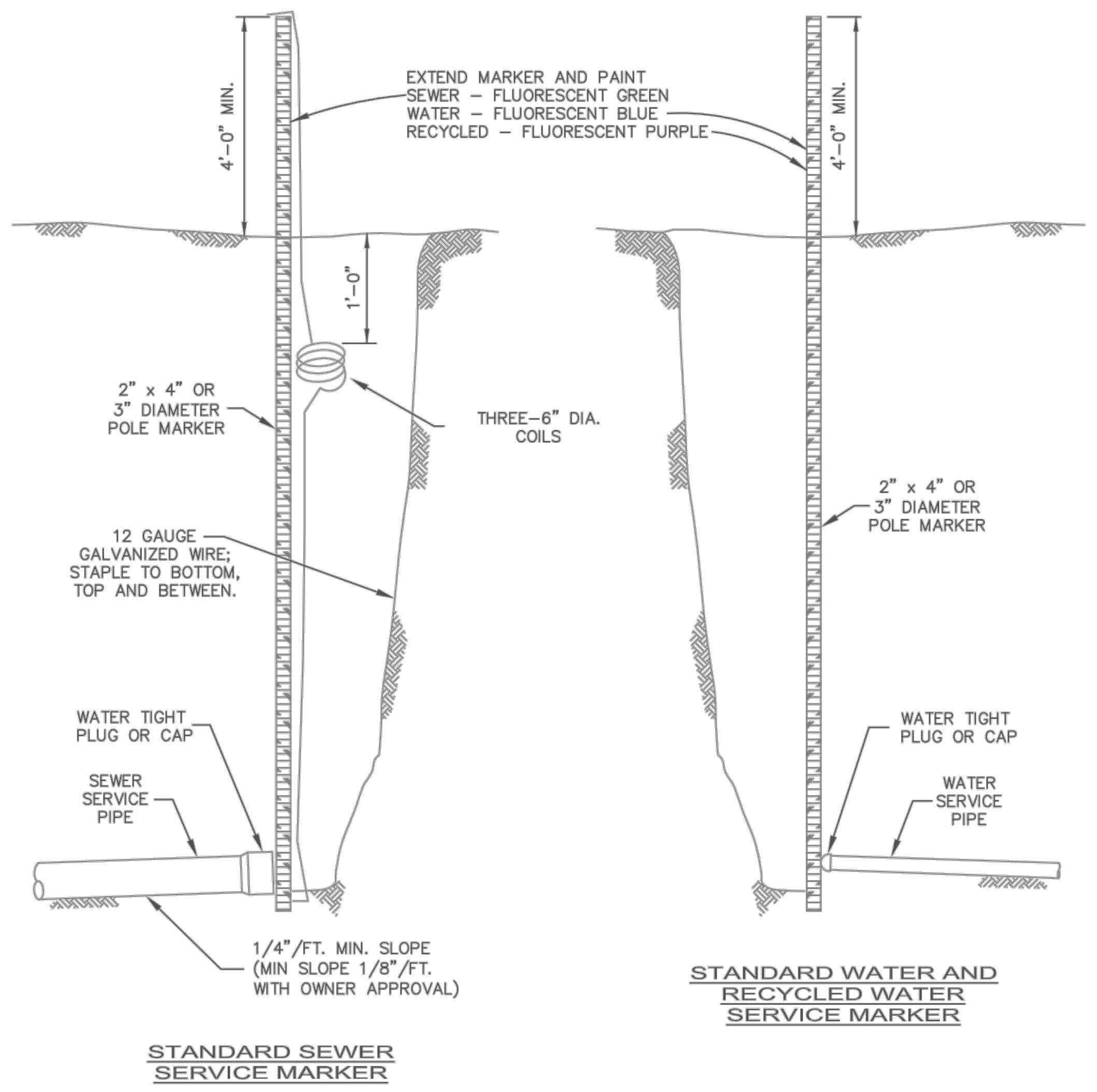
1. VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO CONSTRUCTION.
2. PIPE SLEEVE/CASING ASSEMBLY SHALL BE INSPECTED BY MERIDIAN PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION IN THE TRENCH .
3. WATER-TIGHT BOOTS SHALL BE INSTALLED ON EACH END OF THE PIPE SLEEVE/CASING.
4. BELL RESTRAINTS ARE REQUIRED ON ALL WATER, RECYCLED WATER AND PRESSURE SEWER PIPING PLACED WITHIN THE PIPE SLEEVE/CASING.
5. IN EMERGENCY SITUATIONS AND WITH WRITTEN APPROVAL OF THE CITY ENGINEER OR THE INSPECTOR AS THE ENGINEER'S REPRESENTATIVE, REDWOOD SKIDS MAY BE USED PER ISPWC SD-307, SECTION A-A.
6. THE ANNULAR SPACE BETWEEN THE CARRIER PIPE AND CASING PIPE SHALL BE FILLED IN ACCORDANCE WITH SECTIONS 308 AND 310. AN EXCEPTION MAY BE ALLOWED IF THE SLEEVE/CASING IS FOR NON-POTABLE SEPARATION REQUIREMENTS OR SLEEVING/CASING IS LESS THAN 10 FEET DEEP AND ABOVE SEASONAL HIGH GROUNDWATER. ALL EXCEPTIONS MUST BE APPROVED IN WRITING BY THE CITY ENGINEER.

REVISED JULY 2014

CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
TO THE IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

PIPE SLEEVE / CASING

STANDARD DRAWING NO.
SW2


4'-0" MIN.
EXTEND MARKER AND PAINT
SEWER – FLUORESCENT GREEN
WATER – FLUORESCENT BLUE
RECYCLED – FLUORESCENT PURPLE
4'-0" MIN.
1'-0"
2" x 4" OR 3" DIAMETER POLE MARKER
THREE–6" DIA. COILS
2" x 4" OR 3" DIAMETER POLE MARKER
12 GAUGE GALVANIZED WIRE; STAPLE TO BOTTOM, TOP AND BETWEEN.
WATER TIGHT PLUG OR CAP
SEWER SERVICE PIPE
WATER TIGHT PLUG OR CAP
WATER SERVICE PIPE
1/4"/FT. MIN. SLOPE (MIN SLOPE 1/8"/FT. WITH OWNER APPROVAL)

STANDARD SEWER SERVICE MARKER

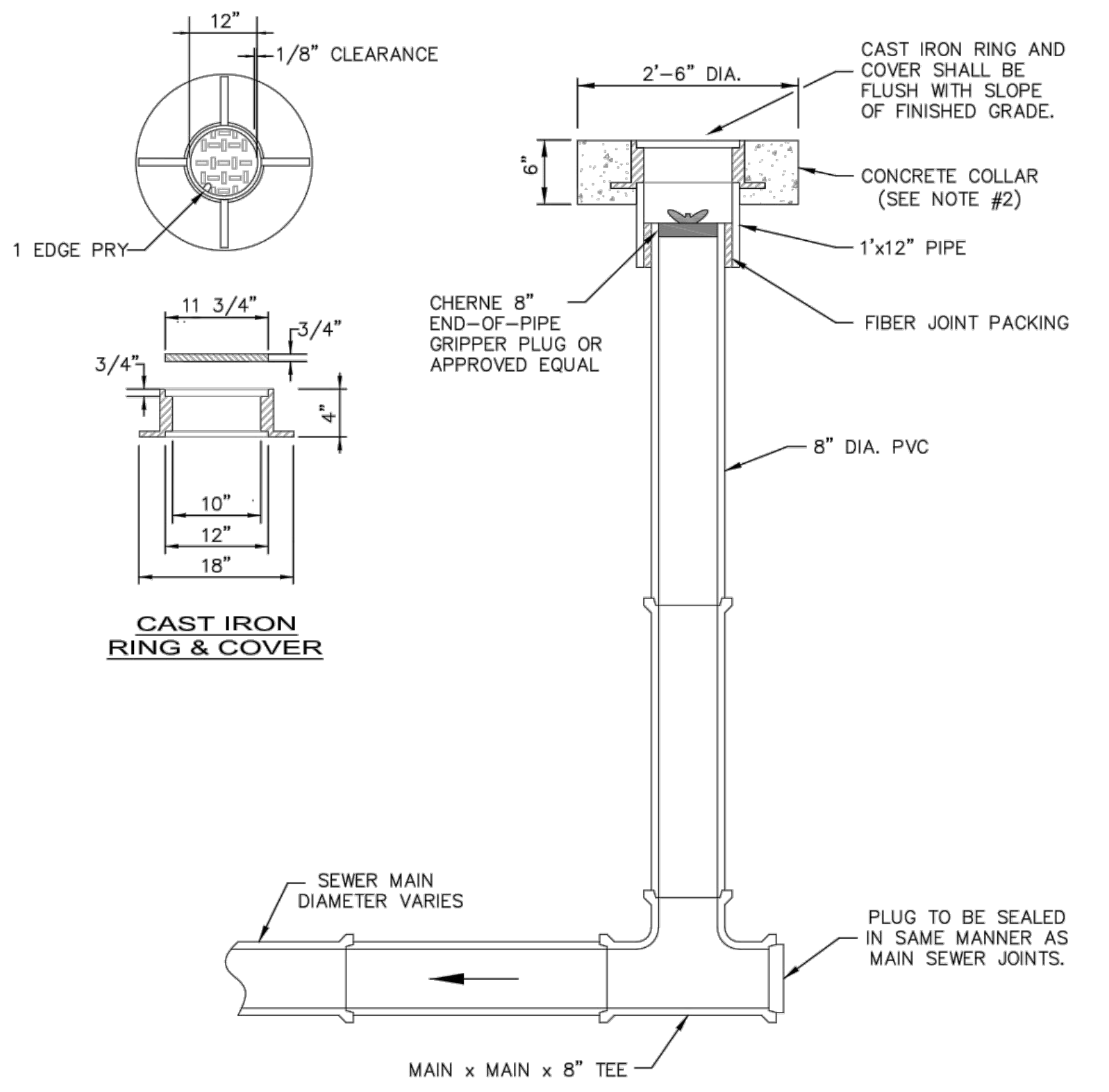
STANDARD WATER AND RECYCLED WATER SERVICE MARKER

REVISED 2013

CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
TO THE IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

STANDARD SERVICE MARKERS

STANDARD DRAWING NO.
SW3


12"
1/8" CLEARANCE
1 EDGE PRY
11 3/4"
3/4"
3/4"
4"
10"
12"
18"
2'-6" DIA.
CAST IRON RING AND COVER SHALL BE FLUSH WITH SLOPE OF FINISHED GRADE.
6"
CONCRETE COLLAR (SEE NOTE #2)
1'x12" PIPE
CHERNE 8" END–OF–PIPE GRIPPER PLUG OR APPROVED EQUAL
FIBER JOINT PACKING
8" DIA. PVC
SEWER MAIN DIAMETER VARIES
PLUG TO BE SEALED IN SAME MANNER AS MAIN SEWER JOINTS.
MAIN x MAIN x 8" TEE

CAST IRON RING & COVER

NOTES

1. CLEANOUT LIDS MUST BE LABELED WITH THE WORD "SEWER".
2. FRIBILLATED POLYPROPYLENE FIBER (ADDED PER MANUFACTURER'S RECOMMENDATIONS) MAY BE USED IN LIEU OF #4 REBAR IN CONCRETE COLLARS.
3. THE MAXIMUM DISTANCE FROM A MANHOLE TO A PROPOSED CLEANOUT IS 150 FEET.
4. NO SERVICES WILL BE CONNECTED TO THE SEWER LINE TERMINATING IN A CLEANOUT.

REVISED 2019

CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
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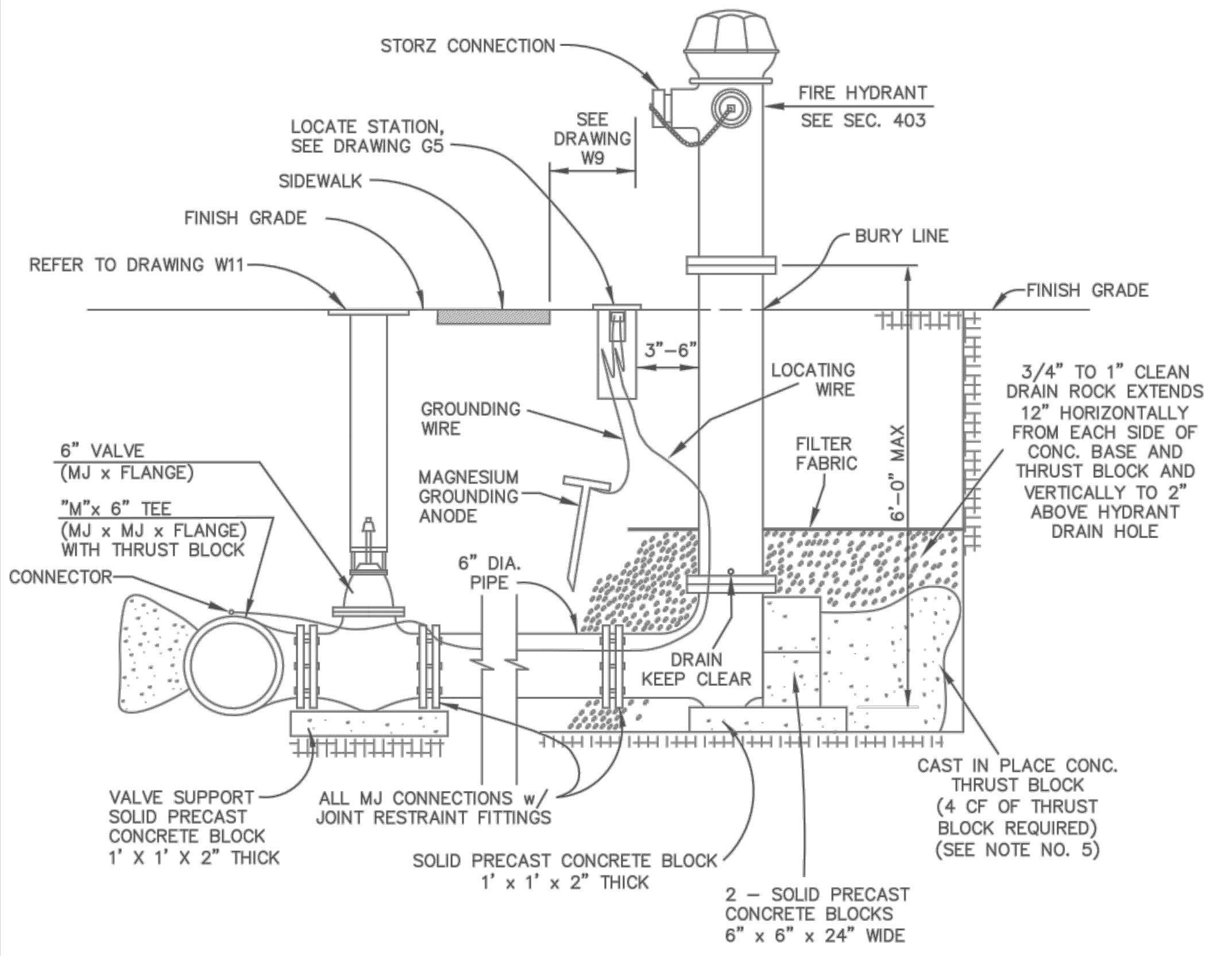
PUBLIC WORKS CONSTRUCTION

'T'-TYPE CLEAN-OUT

STANDARD DRAWING NO.
S1


STORZ CONNECTION
FIRE HYDRANT
SEE SEC. 403
LOCATE STATION, SEE DRAWING G5
SEE DRAWING W9
SIDEWALK
FINISH GRADE
BURY LINE
REFER TO DRAWING W11
FINISH GRADE
3"–6"
LOCATING WIRE
GROUNDING WIRE
3/4" TO 1" CLEAN DRAIN ROCK EXTENDS 12" HORIZONTALLY FROM EACH SIDE OF CONC. BASE AND THRUST BLOCK AND VERTICALLY TO 2" ABOVE HYDRANT DRAIN HOLE
FILTER FABRIC
6" VALVE (MJ x FLANGE)
6'–0" MAX
MAGNESIUM GROUNDING ANODE
"M"x 6" TEE (MJ x MJ x FLANGE) WITH THRUST BLOCK
CONNECTOR
6" DIA. PIPE
DRAIN KEEP CLEAR
CAST IN PLACE CONC. THRUST BLOCK (4 CF OF THRUST BLOCK REQUIRED) (SEE NOTE NO. 5)
VALVE SUPPORT SOLID PRECAST CONCRETE BLOCK 1' X 1' X 2" THICK
ALL MJ CONNECTIONS w/ JOINT RESTRAINT FITTINGS
SOLID PRECAST CONCRETE BLOCK 1' x 1' x 2" THICK
2 – SOLID PRECAST CONCRETE BLOCKS 6" x 6" x 24" WIDE

NOTES

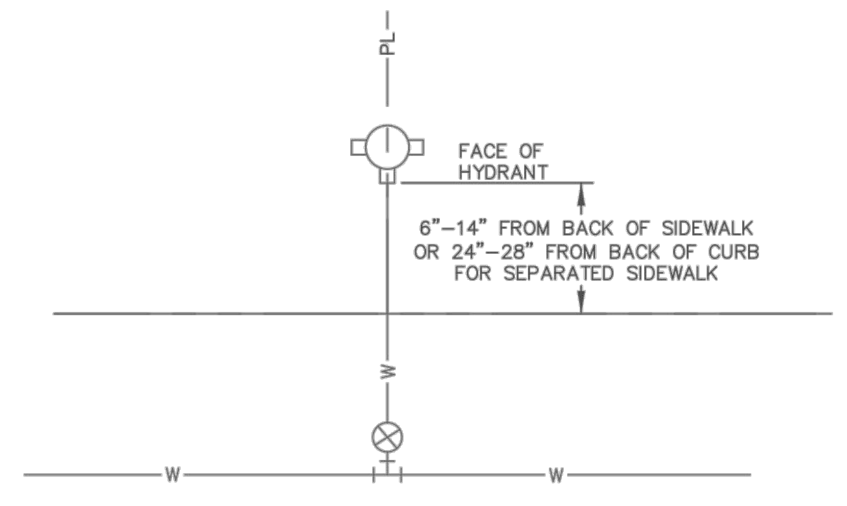
1. JOINT RESTRAINTS TO BE USED AT ALL TEES AND FITTINGS FROM MAIN TO HYDRANT.
2. ALL AUXILIARY VALVES SHALL BE LOCATED AT THE TEE ON THE WATER MAIN AS SHOWN ON THIS DETAIL.
3. PLACE LOCATING WIRE TO LOCATOR STATION. TAPE TO TOP OF PIPE EVERY 10' MAX. SPACING. SEE STANDARD DRAWING G–5 FOR PLAN VIEW DETAILS.
4. ALL 4 1/2" OUTLETS TO BE POINTED TOWARDS PRIMARY STREET OR ACCESS ROAD.
5. ALL FIRE HYDRANTS SHALL HAVE A MINIMUM OF 5' RADIUS FROM MATURE LANDSCAPING OR OTHER FIXED VERTICAL OBJECTS, SEE DRAWING W9.
6. HYDRANTS WILL BE INSTALLED TO GRADE TO MANUFACTURES DESIGNATED BURY LINE ON HYDRANT.
7. HYDRANTS SHALL NOT BE PLACED WITHIN 10 FEET OF DRAINAGE SWALES.
8. HYDRANTS TO BE INSTALLED LEVEL & PLUMB.
9. INSTALL GROUNDING ANODE AT MINIMUM 24 INCH DEPTH.
10. ALL FIRE HYDRANTS SHALL HAVE STORZ CONNECTION; EITHER BUILT IN OR APPROVED ADAPTOR MAY BE USED.

REVISED JUNE 2018

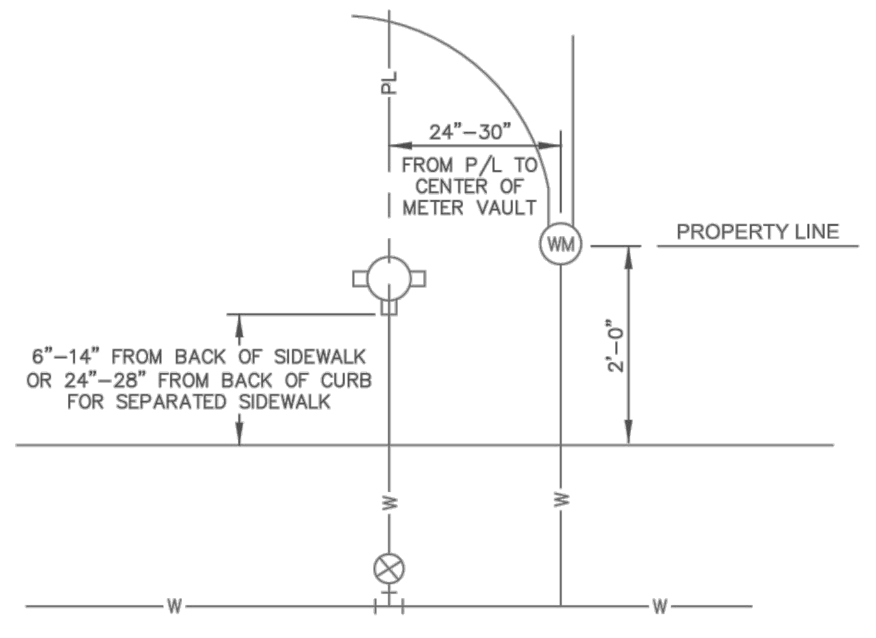
CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
TO THE IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

FIRE HYDRANT DETAIL

STANDARD DRAWING NO.
W8


PL
FACE OF HYDRANT
6"–14" FROM BACK OF SIDEWALK OR 24"–28" FROM BACK OF CURB FOR SEPARATED SIDEWALK
W
W
W

FIRE HYDRANT INSTALLED
NO WATER SERVICE


PL
24"–30"
FROM P/L TO CENTER OF METER VAULT
WM
PROPERTY LINE
6"–14" FROM BACK OF SIDEWALK OR 24"–28" FROM BACK OF CURB FOR SEPARATED SIDEWALK
2'–0"
W
W
W
W

FIRE HYDRANT & WATER SERVICE
INSTALLED - SAME LOT

GENERAL NOTES

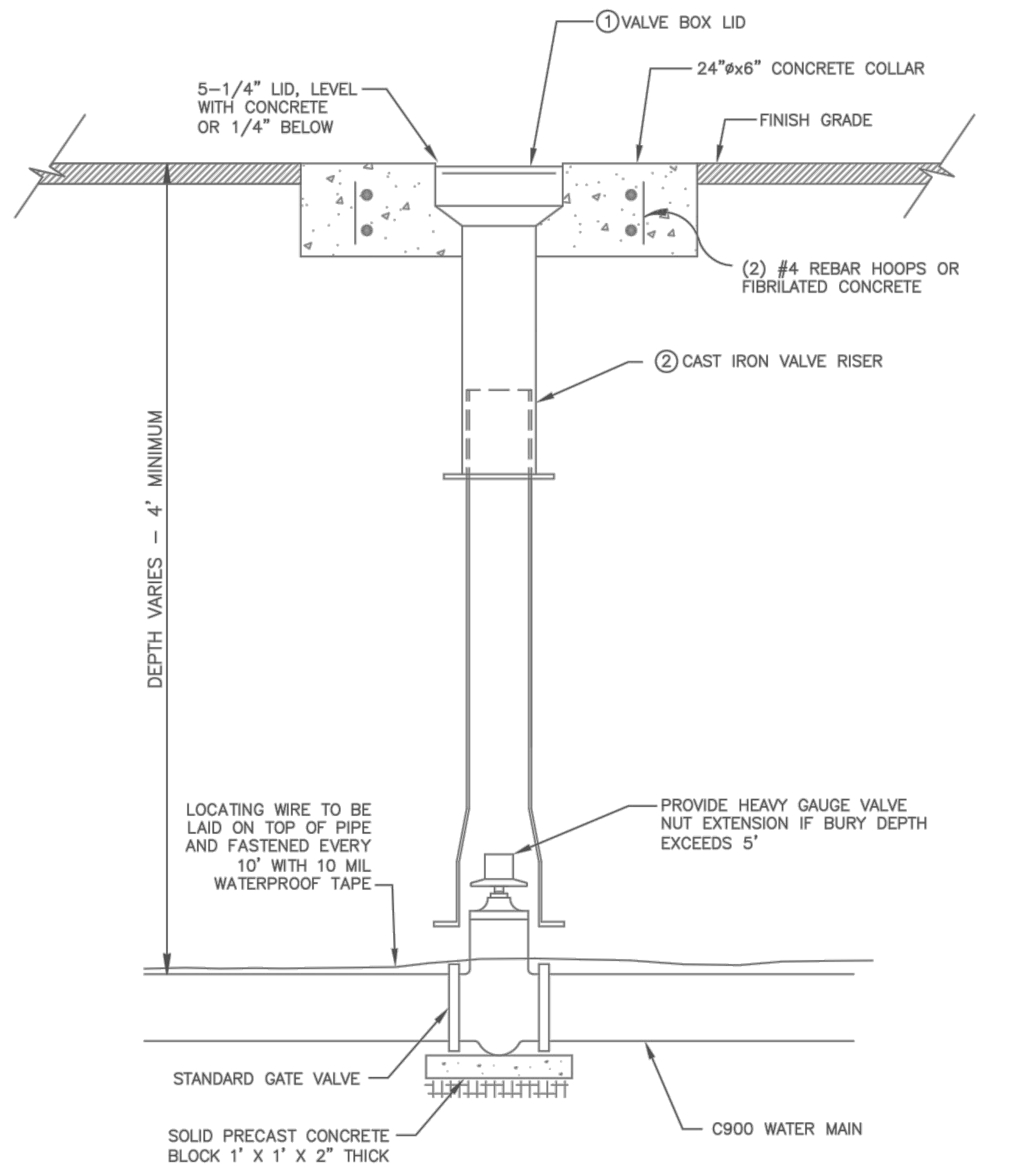
1. SEE CITY OF MERIDIAN STANDARD DRAWING W6 FOR ELEVATION SET OF METER VAULTS.
2. HYDRANTS SHALL NOT BE INSTALLED WITHIN 10 FEET OF DRAINAGE SWALES.
3. FIRE HYDRANTS AND WATER METER VAULTS SHALL HAVE A MINIMUM OF 5' RADIUS CLEARING FROM MATURE LANDSCAPING OR OTHER FIXED VERTICAL OBJECTS INCLUDING FENCES.

REVISED DEC 2017

CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
TO THE IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

WATER SERVICE / FIRE HYDRANT LOCATION

STANDARD DRAWING NO.
W9


①VALVE BOX LID
24"øx6" CONCRETE COLLAR
5–1/4" LID, LEVEL WITH CONCRETE OR 1/4" BELOW
FINISH GRADE
(2) #4 REBAR HOOPS OR FIBRILATED CONCRETE
②CAST IRON VALVE RISER
DEPTH VARIES – 4' MINIMUM
LOCATING WIRE TO BE LAID ON TOP OF PIPE AND FASTENED EVERY 10' WITH 10 MIL WATERPROOF TAPE
PROVIDE HEAVY GAUGE VALVE NUT EXTENSION IF BURY DEPTH EXCEEDS 5'
STANDARD GATE VALVE
SOLID PRECAST CONCRETE BLOCK 1' X 1' X 2" THICK
C900 WATER MAIN

NOTES

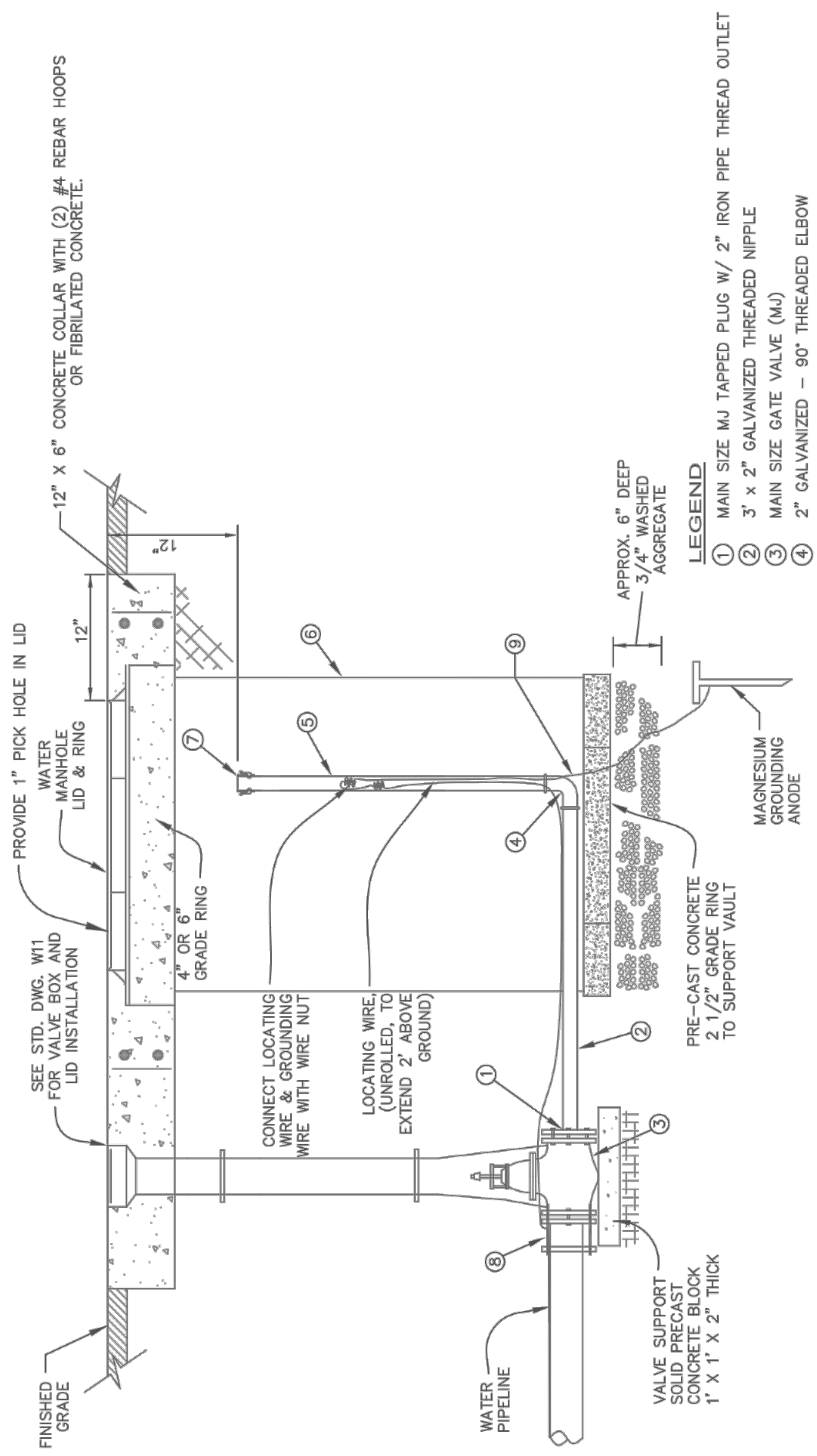
① FOR VALVE BOXES IN STREETS WITH A SPEED LIMIT GREATER THAN OR EQUAL TO 35 MPH, USE SW SERVICES ABS/POLYCARBONATE NON–POP LID.

REVISED DEC 2017

CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
TO THE IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

VALVE BOX & LID DETAIL

STANDARD DRAWING NO.
W11


12" X 6" CONCRETE COLLAR WITH (2) #4 REBAR HOOPS OR FIBRILATED CONCRETE.
12"
12"
PROVIDE 1" PICK HOLE IN LID
WATER MANHOLE LID & RING
4" OR 6" GRADE RING
SEE STD. DWG. W11 FOR VALVE BOX AND LID INSTALLATION
FINISHED GRADE
CONNECT LOCATING WIRE & GROUNDING WIRE WITH WIRE NUT
LOCATING WIRE, (UNROLLED, TO EXTEND 2' ABOVE GROUND)
APPROX. 6" DEEP 3/4" WASHED AGGREGATE
PRE–CAST CONCRETE 2 1/2" GRADE RING TO SUPPORT VAULT
MAGNESIUM GROUNDING ANODE
WATER PIPELINE
VALVE SUPPORT SOLID PRECAST CONCRETE BLOCK 1' X 1' X 2" THICK
①
②
③
④
⑤
⑥
⑦
⑧
⑨

LEGEND

① MAIN SIZE MJ TAPPED PLUG W/ 2" IRON PIPE THREAD OUTLET
② 3' x 2" GALVANIZED THREADED NIPPLE
③ MAIN SIZE GATE VALVE (MJ)
④ 2" GALVANIZED – 90° THREADED ELBOW
⑤ 2" GALVANIZED PIPE
⑥ 30"ø CMP OR 30"ø TRAFFIC RELATED HDPE METER VAULT
⑦ 2" THREADED FIP x ALUM. KAM–LOC QUICK COUPLING MALE ADAPTOR (NO CAP)
⑧ JOINT RESTRAINT
⑨ GROUNDING WIRE

NOTES

1. JOINT RESTRAINTS TO BE PROVIDED ON LAST THREE STICKS OF PIPE, AND VALVE.

REVISED DEC 2017

CITY OF MERIDIAN
SUPPLEMENTAL
SPECIFICATIONS
TO THE IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

2" BLOWOFF ASSEMBLY (FUTURE WATERMAIN EXTENSION)

STANDARD DRAWING NO.
W13

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name ________ - ________ Date ________ - ________

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY ________ - ________ DATE: ________ - ________
ADA COUNTY HIGHWAY DISTRICT

811

CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

PROFESSIONAL ENGINEER
10813
1-11-22
ROSS K ERICKSON

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com

erickson
civil

NO.	REVISION	DATE

SHEET TITLE:
SEWER & WATER DETAILS

PROJECT MANAGER:
-

PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956

DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.UT.6

STORMWATER POLLUTION PREVENTION PLAN
DISCOVERY PARK PHASE 2

2121 E. LAKE HAZEL RD. - MERIDIAN, IDAHO

NOTES

1. FILE A NOTICE OF INTENT (NOI) WITH EPA FOR ALL SITES THAT ARE (1) ONE ACRE OR GREATER OR LOCATED IN A COMMON AREA OR DEVELOPMENT WHICH IS 1 ACRE OR MORE. IF THE SITE DISTURBANCE AREA IS LESS THAN (5) FIVE ACRES A LOW EROSIVITY WAIVER (LEW) MAY BE FILED WITH EPA TO OBTAIN A WAIVER FROM THE REQUIREMENT TO OBTAIN NPDES COVERAGE FOR STORM WATER DISCHARGES SO LONG AS THE R-FACTOR FOR THE IS LESS THAN (5) FIVE, CONSIDERING THE TIME PERIOD AND DURATION OF CONSTRUCTION, AND THE EXPECTED RAINFALL INTENSITY DURING CONSTRUCTION. THE DETERMINATION OF WHETHER TO FILE AN NOI OR A LEW SHALL BE DETERMINED BY THE CONTRACTOR. THE PROJECT SHALL BE IN COMPLIANCE WITH EPA REQUIREMENTS AT ALL TIMES - NO SEPARATE PAYMENT SHALL BE MADE.

2. ALL INSPECTIONS REQUIRE A 24-HOUR NOTICE PRIOR TO THE SCHEDULED INSPECTION TIME.

3. THE GENERAL CONTRACTOR SHALL MAKE ALL REQUIRED NOTIFICATIONS LEAST 24-HOURS PRIOR TO BEGINNING EARTH WORK OR AS OTHERWISE REQUIRED BY EPA 2017 CGP, AS APPLICABLE.

4. NO DISCHARGE TO THE PRE-ENGINEERED STORM DRAIN SYSTEM SHALL BE PERMITTED UNTIL THE FINAL SITE LANDSCAPING, AND ALL SLOPE STABILIZATION MEASURES ARE COMPLETE.

5. GENERAL CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THE STORM WATER POLLUTION PREVENTION PLAN, WHICH INCLUDES THIS EROSION AND SEDIMENT CONTROL PLAN SHEET, THROUGHOUT THE DURATION OF CONSTRUCTION.

6. ERICKSON CIVIL, INC. SHALL NOT BE HELD LIABLE OR RESPONSIBLE FOR MISUSE OF THIS PLAN.

7. CONTRACTOR SHALL POST ALL REQUIRED NOTICES AND SIGNAGE.

8. CLEARING, GRUBBING, AND FOUNDATION EXCAVATION SHALL BE LIMITED TO THE BOUNDARIES OF ACTIVE CONSTRUCTION AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN. SURROUNDING AREAS OF EXISTING VEGETATION WILL BE PROTECTED IN CONFORMANCE WITH THE PRESERVATION OF EXISTING VEGETATION BEST MANAGEMENT PRACTICE (BMP).

9. FINAL STABILIZATION IS REQUIRED THROUGH THE USE OF PERMANENT LANDSCAPE PLANTINGS, LAWN, AND HARDSCAPES.

10. WHERE SOIL IS EXPOSED DURING GRADING, ROUGHEN THE SURFACE OF THE EXPOSED SOIL BY DRIVING TREAD EQUIPMENT PERPENDICULAR TO THE SLOPE. AFTER WHICH, THE SOIL SHOULD BE LIGHTLY COATED WITH WATER TO SEAL THE ROUGHENED SURFACE.

11. GENERAL CONTRACTOR SHALL PLACE SILT FENCE AND INLET PROTECTION AS SHOWN FOR THE ENTIRE DURATION OF THE CONSTRUCTION ACTIVITY. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF THE BMP'S AND SHALL MODIFY THE PLAN AS REQUIRED TO ENSURE COMPLIANCE WITH EPA STANDARDS.

12. MUD TRACKING ONTO THE STREET SHALL BE CLEANED BY HAND DAILY. IF SEVERE TRACKING DOES OCCUR, STREET SWEEPING AND VACUUMING SHALL BE PROVIDED BY GENERAL CONTRACTOR.

13. WIND EROSION CONTROLS SHALL BE APPLIED AS NECESSARY TO PREVENT NUISANCE DUST. THE SOIL STABILIZATION BMP'S SELECTED FOR THE PROJECT SHALL ALSO PROVIDE WIND EROSION CONTROL BENEFITS. EXCESS EXCAVATED MATERIALS WILL BE HAULED OFF-SITE, AND PROPERLY DISPOSED OF BY THE GENERAL CONTRACTOR.

14. WASHOUT FROM CONCRETE EQUIPMENT SHALL BE LOCATED AS SHOWN ON THE ESCP DRAWING. AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED, THE CONCRETE WASTE SHALL BE REMOVED FROM THE WASHOUT AREA AND DISPOSED OF PROPERLY OFFSITE BY GENERAL CONTRACTOR.

15. ALL WASTE MATERIALS SHALL BE COLLECTED AND TRANSPORTED OFF-SITE FOR PROPER DISPOSAL. ALL TRASH SHALL BE COLLECTED AT THE END OF EACH BUSINESS DAY. NO WASTE CONSTRUCTION MATERIALS SHALL BE LEFT ON-SITE FOR DURATION OF MORE THAN TWENTY FOUR HOURS, EXCEPT FOR WOOD AND FRAMING WASTE. WASTE SHALL BE STOCKPILED SO THAT WASTE IS NOT SCATTERED. WASTE SHALL BE COLLECTED AT THE END OF THE FRAMING ACTIVITY. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL.

16. ALL HAZARDOUS WASTE MATERIAL SHALL BE PROPERLY IDENTIFIED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS ON A WEEKLY BASIS.

17. THESE PRACTICES ARE TO BE USED TO REDUCE THE RISK ASSOCIATED WITH HAZARDOUS MATERIALS:

    A. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE.
    B. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED ONSITE.
    C. NO SURPLUS OF PRODUCTS WILL BE DISPOSED OF ONSITE.

18. IN ALL CASES TRAINED PERSONNEL UNDER DIRECTION OF THE GENERAL CONTRACTOR WILL PERFORM THE CLEANUP. IF A SPILL CANNOT BE CONTAINED BY OPERATING PERSONAL, CALL THE HAZARDOUS MATERIAL TEAM AT 911.

19. NO SANITARY WASTE SHALL BE DEPOSITED AT WORK SITE. THE GENERAL CONTRACTOR SHALL RENT AND MAINTAIN A PORT-O-POTTY FOR THE CONSTRUCTION SITE.

20. AS APPLICABLE, THE GENERAL CONTRACTOR SHALL POST A SIGN OR OTHER NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE. THE SIGN MUST CONTAIN A COPY OF THE NOI, NAME AND PHONE NUMBER OF THE CONTACT PERSON FOR SCHEDULING AN EROSION AND SEDIMENT CONTROL PLAN VIEWING TIME, AND THE LOCATION OF THE EROSION AND SEDIMENT CONTROL PLAN.

21. AN INDIVIDUAL WHO HAS ATTENDED AN EPA APPROVED EROSION AND SEDIMENT CONTROL TRAINING PROGRAM MUST BE IN CHARGE OF THE EROSION AND SEDIMENT CONTROL PLAN. THIS PERSON SHALL BE IN CHARGE OF ESC AT ALL TIMES DURING EACH PHASE OF THE CONSTRUCTION AND UNTIL PERMIT IS CLOSED.

22. PERIMETER CONTROLS WILL BE INSTALLED ALONG LOW PROPERTY LINES TO PREVENT SEDIMENT FROM BEING TRANSPORTED OFF-SITE AT ANY LOCATION WHERE SEDIMENT-LADEN RUN-OFF MAY EXIT THE PROPERTY. ANY SEDIMENT TRANSPORTED OFF-SITE TO ROADS OR ROAD RIGHTS-OF-WAY INCLUDING DITCHES SHALL BE REMOVED. ANY DAMAGE TO DITCHES SHALL BE REPAIRED AND STABILIZED TO ORIGINAL CONDITION.

23. GRADING SHALL NOT IMPAIR SURFACE DRAINAGE, CREATE AN EROSION HAZARD OR CREATE A SOURCE OF SEDIMENT TO ANY ADJACENT WATERCOURSE OR PROPERTY OWNER.

24. CONSTRUCTION RAMPS SHALL NOT BE PLACED IN A MANNER AS TO INTERFERE WITH OR BLOCK THE PASSAGE OF STORM WATER RUNOFF.

25. NO MATERIALS OR SUPPLIES SHALL BE PLACED ON THE PUBLIC RIGHTS-OF-WAY (STREETS OR SIDEWALKS) UNLESS PERMITTED BY THE APPROPRIATE JURISDICTION.

26. CONTROL MEASURES (APPROVED-BEST MANAGEMENT PRACTICES) SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM WATER INLET STRUCTURES DOWNSTREAM FROM THE PROPERTY.

27. GENERAL CONTRACTOR SHALL IMPLEMENT CONTROL MEASURES FOR THE DISPOSAL OF CONSTRUCTION AND BUILDING WASTE, PAINT, DRY WALL WASTE AND COMPOUNDS AND OTHER CHEMICALS USED DURING CONSTRUCTION.

28. EQUIPMENT AND VEHICLE WASHING OPERATIONS DURING CONSTRUCTION MUST BE IN AN AREA SPECIFICALLY DESIGNATED BY THE OWNER/GENERAL CONTRACTOR. PRESSURE WASHING OF DRIVEWAYS, SIDEWALKS, STREETS OR GUTTERS IS PROHIBITED UNLESS APPROVED MEASURES ARE USED TO PREVENT SEDIMENT OR POLLUTED WATER FROM ENTERING THE STORM WATER SYSTEM.

29. PORTABLE TOILETS, MATERIAL AND WASTE CONTAINERS SHALL NOT BE PLACED ON A STREET OR SIDEWALK OR LOCATED NEXT TO A STORM WATER INLET STRUCTURE. TOILETS, MATERIAL AND WASTE CONTAINERS SHALL BE LOCATED IN A DESIGNATED AREA; IN A MANNER THAT WILL NOT POSE A POTENTIAL RISK OF POSSIBLE DISCHARGE TO THE STORM DRAIN SYSTEM.

30. ALL TEMPORARY AND PERMANENT STABILIZATION SHALL OCCUR IN ACCORDANCE WITH 2017 CGP § 3.2 AND 2.2.1.3.C. TEMPORARY OR PERMANENT STABILIZATION OF THE CONSTRUCTION SITE SHALL BE COMPLETED TO THE SURFACE OF ALL DISTURBED AREAS NOT ACTIVELY UNDER CONSTRUCTION. PERMANENT SITE STABILIZATION MUST OCCUR WITHIN 7 DAYS OF REMOVAL OF TEMPORARY MEASURES UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE BY CONTRACTOR WITH THE EPA AS APPROPRIATE.

31. SWALES OR OTHER AREAS THAT TRANSPORT CONCENTRATED FLOW SHALL BE STABILIZED WITH AN APPROVED BMP.

32. THE GENERAL CONTRACTOR'S RESPONSIBLE PERSON SHALL ADAPT/MODIFY THE EROSION AND SEDIMENT CONTROL PLAN / STORM WATER POLLUTION PREVENTION PLAN AS REQUIRED, INCLUDING ADDITIONAL BMP IMPLEMENTATION, IN ORDER TO COMPLY WITH THE EPA'S STANDARDS AND REQUIREMENTS.

33. GENERAL CONTRACTOR SHALL SHALL INSTALL SILT FENCE AROUND STOCKPILED MATERIALS AND BE ORIENTED IN A MANNER TO MINIMIZE EROSION.

34. STOCKPILED MATERIALS THAT SIT FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY STABILIZED BY GENERAL CONTRACTOR.

35. SEE STORMWATER POLLUTION PLAN PREVENTION MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

36. STORMWATER MANAGEMENT FOR THE PROPOSED SITE SHALL RETAIN, PRETREAT AND DISPOSE OF STORMWATER RUNOFF ENTIRELY ON-SITE.

37. EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

38. ALL EROSION CONTROL AND STORMWATER FACILITIES SHALL BE REGULARLY INSPECTED AND MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.

39. CONTRACTOR SHALL PROTECT EXISTING INLET(S) FROM SEDIMENTATION AND DEBRIS DURING CONSTRUCTION. INSTALL DANDY BAG (OR AN APPROVED EQUIVALENT) CATCH BASIN INSERTS. CLEAN AND MAINTAIN PER EROSION AND SEDIMENT CONTROL PLAN NARRATIVE AND MANUFACTURER'S STANDARDS, RE: C7.0-3.

40. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

41. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY MARKED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.

42. THE EROSION AND SEDIMENT CONTROL FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, ADJACENT OPEN WATER SURFACES OR VIOLATE APPLICABLE WATER STANDARDS.

43. THE EROSION AND SEDIMENT CONTROL FACILITIES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION PERIOD, THESE EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE.

44. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.

45. STORM DRAIN INLETS, BASINS, AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED AND/OR VEGETATION IS RE-ESTABLISHED.

46. PAVEMENT SURFACES AND VEGETATION ARE TO BE PLACED AS RAPIDLY AS POSSIBLE.

47. STOCKPILED TOPSOIL NOTES:

48. A. STOCKPILES SHALL BE STABILIZED (WITH PLASTIC COVERING OR OTHER APPROVED DEVICE) DAILY BETWEEN NOVEMBER 1 AND MARCH 31, RE: C1.4-2.

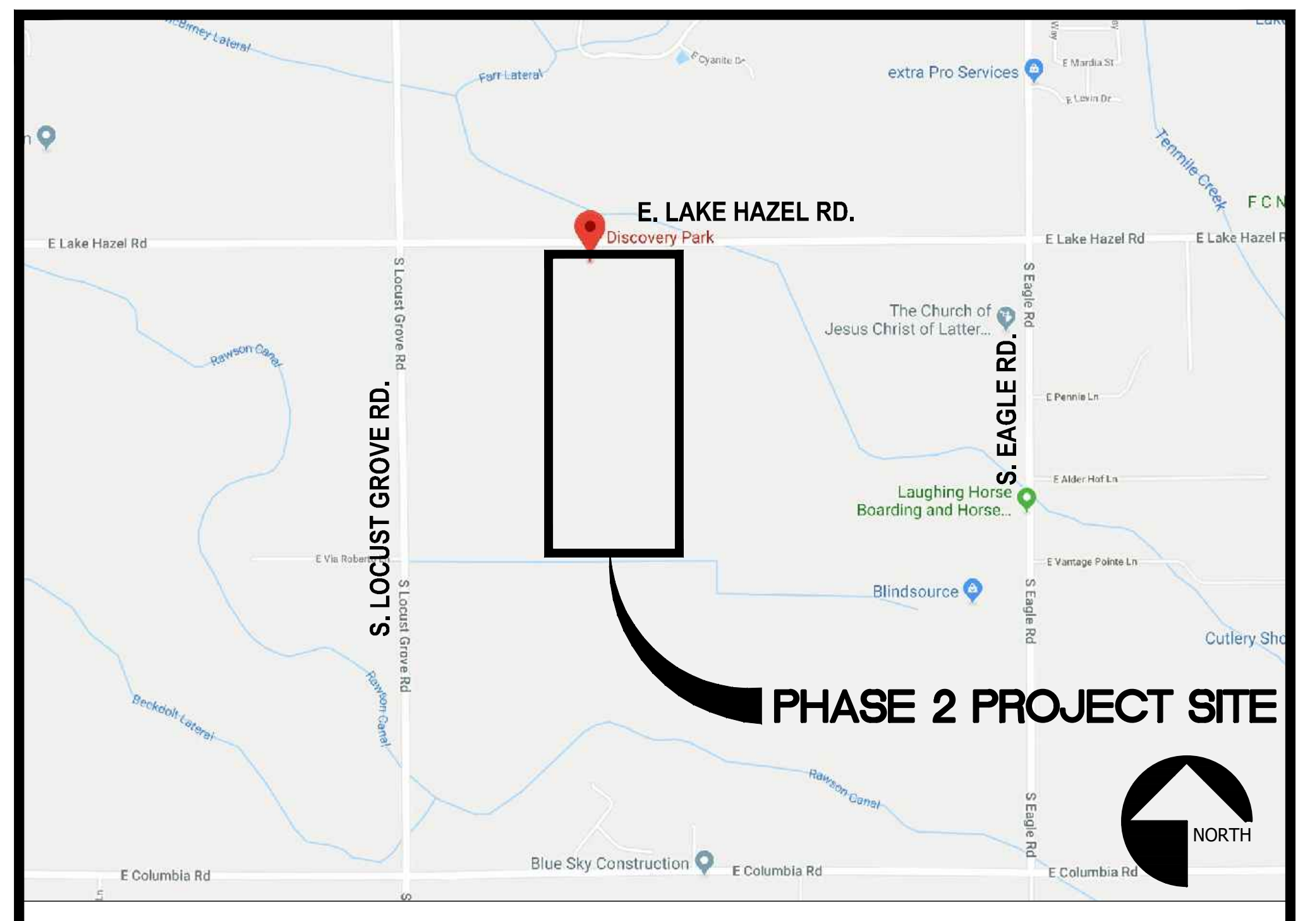
49. B. IN ANY SEASON, SEDIMENT LEACHING FROM STOCKPILES MUST BE PREVENTED.

50. SEE CONSTRUCTION PLANS FOR FINAL LOCATIONS OF ASPHALT PLACEMENT, LANDSCAPING AND OTHER SITE IMPROVEMENTS.

PROJECT CONTACTS

OWNER	CITY OF MERIDIAN C/O MIKE BARTON 33 E. BROADWAY AVE. MERIDIAN, ID 83642 T.208.888.4433 MBARTON@MERIDIANCITY.ORG
CONSTRUCTION MANAGER	KREIZENBECK CONSTRUCTORS C/O MIKE BERARD 11724 W. EXECUTIVE DR. BOISE, ID 83713 T.208.941.3199 MBERARD@KREIZENBECK.COM
CONTRACTOR/ OPERATOR	TO BE DETERMINED UPON AWARD OF CONTRACT COMPANY: TBD RESPONSIBLE PERSON: TBD CONTACT INFORMATION: TBD
ONSITE DAILY SWPPP COORDINATOR	TO BE DETERMINED UPON AWARD OF CONTRACT COMPANY: TBD NAME: TBD CONTACT INFORMATION: TBD
SWPPP PREPARER	J.E.C., LLC C/O JASON JONES 1317 E. COMMERCIAL DR. STE. 110 MERIDIAN, ID 83642 T.208.0340.2838
PARCEL INFO.	PARCEL # S1405212410 T.2N R.1E SEC 05 2121 E. LAKE HAZEL RD. MERIDIAN, ID 83642 ZONE: R-4 TOTAL PARCEL SIZE: 76.88 AC
CIVIL ENGINEER	ERICKSON CIVIL, INC. PROJECT MANAGER - ROSS ERICKSON P.E. 6213 N. CLOVERDALE ROAD SUITE 125 BOISE, IDAHO 83712 T.208.846.8955 C.208.867.3954 ROSS@ERICKSONCIVIL.COM
PROFESSIONAL LAND SURVEYOR	LAND SOLUTIONS, INC. PROJECT MANAGER - CLINT HANSEN P.L.S. 231 E. 5TH AVE. MERIDIAN, IDAHO 83642 T.208.288.2040 CHANSEN@LANDSOLUTIONS.BIZ
IRRIGATION DISTRICT	NEW YORK IRRIGATION DISTRICT
CITY OF MERIDIAN	BUILDING DEPARTMENT 33 E, BROADWAY AVE. MERIDIAN, ID 83642 T.208.887.2211

A GEOTECHNICAL INVESTIGATION WAS PERFORMED AS PART OF THE DESIGN OF THIS PROJECT BY STRATA, DATED JULY 26TH, 2017. ALL CONDITIONS AND REQUIREMENTS CONTAINED THEREIN ARE HEREBY INCORPORATED IN TO THESE CONSTRUCTION PLANS AND CONTRACT FOR THE WORK BY REFERENCE. WHERE CONFLICTS EXIST BETWEEN THE GEOTECHNICAL INVESTIGATION AND THE PROJECT PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.



VICINITY MAP

INDEX OF SHEETS

C.ESC.0 SWPPP - COVER SHEET & NOTES
C.ESC.1 SWPPP - PLAN AREA A
C.ESC.2 SWPPP - PLAN AREA B
C.ESC.3 SWPPP - BMP DETAILS

CONSTRUCTION BMP MAINTENANCE, INSPECTION + REPAIR

IT IS THE RESPONSIBLE PERSON'S RESPONSIBILITY TO INSPECT ALL EROSION AND SEDIMENT CONTROL FACILITIES. AT A MINIMUM, INSPECTION SHALL OCCUR EVERY (7) SEVEN DAYS, AND AFTER STORM EVENTS GREATER THAN 0.25" OR GREATER, AND AT 24-HR INTERVALS DURING EXTENDED STORMS (0.25 INCHES OR GREATER IN RAINFALL). RESULTS OF INSPECTION AND ASSESSMENT SHALL BE RECORDED ON THE CONSTRUCTION SITE INSPECTION CHECKLIST OF THE ESCP. THE COMPLETED CHECKLIST SHALL BE AVAILABLE AT THE JOBSITE. ALL MEASURES WILL BE INSPECTED AND MAINTAINED IN GOOD WORKING ORDER. IF CONTROL MEASURES NEED TO BE REPAIRED, THE REPAIRS MUST OCCUR BEFORE THE NEXT STORM EVENT WHENEVER PRACTICAL. THE OPERATOR (CONTRACTOR) SHALL NOTIFY THE CITY OF MERIDIAN AND PROVIDE THE RESPONSIBLE PERSON AND THE CITY A REVISED EROSION AND SEDIMENT CONTROL PLAN PRIOR TO THE NEXT STORM EVENT WHENEVER PRACTICAL. RETAIN THIS EROSION AND SEDIMENT CONTROL PLAN AND DRAWING ON-SITE AT ALL TIMES AND AVAILABLE TO EPA, STATE, OR LOCAL OFFICIALS.

ALL CONTROLS MUST BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER SPECIFICATION AND GOOD ENGINEERING PRACTICES.

THE INSPECTION, MAINTENANCE AND REPAIR PROGRAM IS AS FOLLOWS:

BMP	INSPECTION FREQUENCY		MAINTENANCE & REPAIR MEASURES
	RAINY	NON-RAINY	
EXISTING VEGETATION	DAILY	WEEKLY	PREVENT TRACKING & UNNECESSARY GRADING
MUD TRACKING	DAILY	WEEKLY	SWEEPING & VACUUMING AS REQUIRED
ROUGHENED SURFACE	DAILY	WEEKLY	RE-ROUGHEN & DAMPEN AS NEEDED
STRAW WATTLES	DAILY	WEEKLY	ADJUST WATTLE LOCATIONS AS REQUIRED
CONSTRUCTION ENTRANCE	DAILY	WEEKLY	RE-INSTALL NEW ROCK AS REQUIRED
INLET PROTECTION	DAILY	WEEKLY	RE-ROUGHEN & DAMPEN AS NEEDED
SILT FENCE	DAILY	WEEKLY	ENSURE PROPER INSTALLATION - ADJUST AS NEEDED

ALLOWABLE NON-STORMWATER DISCHARGES

1. FIRE HYDRANT FLUSHINGS - LIKELY TO OCCUR AT FIRE HYDRANT LOCATIONS.
2. LANDSCAPE IRRIGATION - LIKELY TO OCCUR AT LANDSCAPED AREAS.
3. WATERS USED TO WASH VEHICLES AND EQUIPMENT - LIKELY TO OCCUR ADJACENT TO CONSTRUCTION ENTRANCE IN A CONTAINED AREA.
4. WATERS USED TO CONTROL DUST - LIKELY TO OCCUR ON THE ENTIRE SITE PRIOR TO PAVING AND PLACEMENT OF RECYCLED ASPHALT ROTOMILLINGS.
5. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS - LIKELY TO OCCUR AT WATER MAIN BLOW OFF LOCATIONS.
6. PAVEMENT WASH WATERS - LIKELY TO OCCUR IN PAVED AREAS. PAVEMENT WASH WATERS SHALL BE PRETREATED FOR SEDIMENT PRIOR TO DISCHARGE TO RECEIVING FACILITY.
7. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE - LIKELY TO OCCUR ADJACENT TO THE AIR CONDITIONER UNITS.

THE SUCCESSFUL BIDDER SHALL UPDATE THE SWPPP/ESCP PLANS, AND NARRATIVE DOCUMENTS, WITH ALL NECESSARY INFORMATION REQUIRED FOR A COMPLETE ESCP/SWPPP, AS APPLICABLE PER IDAHO DIVISION OF ENVIRONMENTAL QUALITY (IDEQ), AND EPA'S REQUIREMENTS FOR FULL COMPLIANCE WITH THE CURRENT CONSTRUCTION GENERAL PERMIT (CGP) - NO SEPARATE PAYMENT SHALL BE MADE.

MERIDIAN IDAHO

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

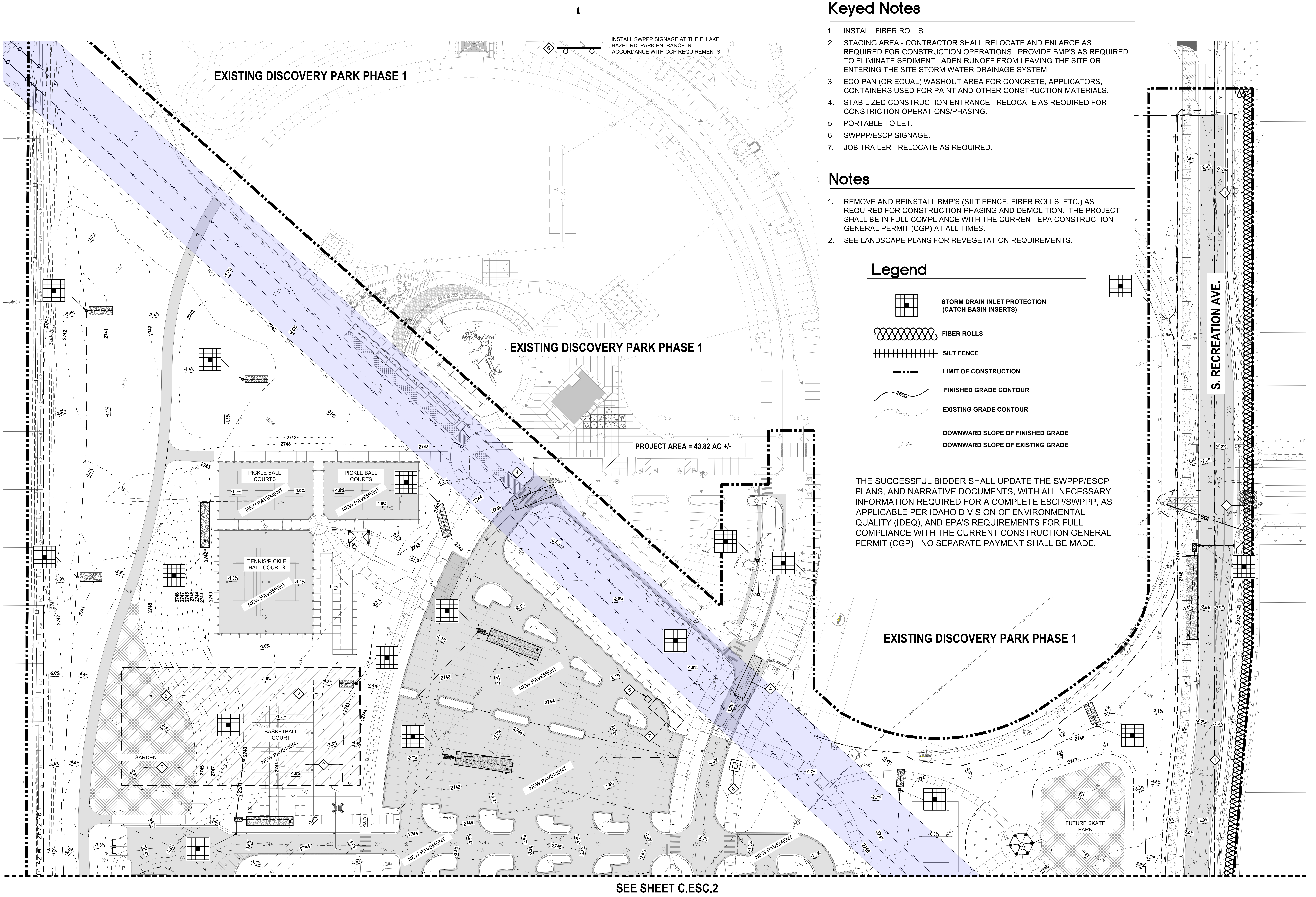
NO.	REVISION	DATE

SHEET TITLE:
SWPPP - COVER SHEET & NOTES

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.ESC.0


INSTALL SWPPP SIGNAGE AT THE E. LAKE HAZEL RD. PARK ENTRANCE IN ACCORDANCE WITH CGP REQUIREMENTS
EXISTING DISCOVERY PARK PHASE 1
EXISTING DISCOVERY PARK PHASE 1
EXISTING DISCOVERY PARK PHASE 1
PROJECT AREA = 43.82 AC +/-
PICKLE BALL COURTS
PICKLE BALL COURTS
TENNIS/PICKLE BALL COURTS
NEW PAVEMENT
BASKETBALL COURT
GARDEN
FUTURE SKATE PARK
S. RECREATION AVE.
SEE SHEET C.ESC.2

Keyed Notes

1. INSTALL FIBER ROLLS.
2. STAGING AREA - CONTRACTOR SHALL RELOCATE AND ENLARGE AS REQUIRED FOR CONSTRUCTION OPERATIONS. PROVIDE BMP'S AS REQUIRED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE OR ENTERING THE SITE STORM WATER DRAINAGE SYSTEM.
3. ECO PAN (OR EQUAL) WASHOUT AREA FOR CONCRETE, APPLICATORS, CONTAINERS USED FOR PAINT AND OTHER CONSTRUCTION MATERIALS.
4. STABILIZED CONSTRUCTION ENTRANCE - RELOCATE AS REQUIRED FOR CONSTRICTION OPERATIONS/PHASING.
5. PORTABLE TOILET.
6. SWPPP/ESCP SIGNAGE.
7. JOB TRAILER - RELOCATE AS REQUIRED.

Notes

1. REMOVE AND REINSTALL BMP'S (SILT FENCE, FIBER ROLLS, ETC.) AS REQUIRED FOR CONSTRUCTION PHASING AND DEMOLITION. THE PROJECT SHALL BE IN FULL COMPLIANCE WITH THE CURRENT EPA CONSTRUCTION GENERAL PERMIT (CGP) AT ALL TIMES.
2. SEE LANDSCAPE PLANS FOR REVEGETATION REQUIREMENTS.

Legend

▦	STORM DRAIN INLET PROTECTION (CATCH BASIN INSERTS)
∞∞∞	FIBER ROLLS
++++++	SILT FENCE
—·—·—	LIMIT OF CONSTRUCTION
2600	FINISHED GRADE CONTOUR
2600	EXISTING GRADE CONTOUR
	DOWNWARD SLOPE OF FINISHED GRADE
-0.3%	DOWNWARD SLOPE OF EXISTING GRADE

THE SUCCESSFUL BIDDER SHALL UPDATE THE SWPPP/ESCP PLANS, AND NARRATIVE DOCUMENTS, WITH ALL NECESSARY INFORMATION REQUIRED FOR A COMPLETE ESCP/SWPPP, AS APPLICABLE PER IDAHO DIVISION OF ENVIRONMENTAL QUALITY (IDEQ), AND EPA'S REQUIREMENTS FOR FULL COMPLIANCE WITH THE CURRENT CONSTRUCTION GENERAL PERMIT (CGP) - NO SEPARATE PAYMENT SHALL BE MADE.

SWPPP - PLAN AREA A

0 50 100
FEET

APPROVED FOR CONSTRUCTION

MERIDIAN IDAHO

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Name - Date -

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BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: DISCOVERY PARK PHASE 2
MERIDIAN, ID

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

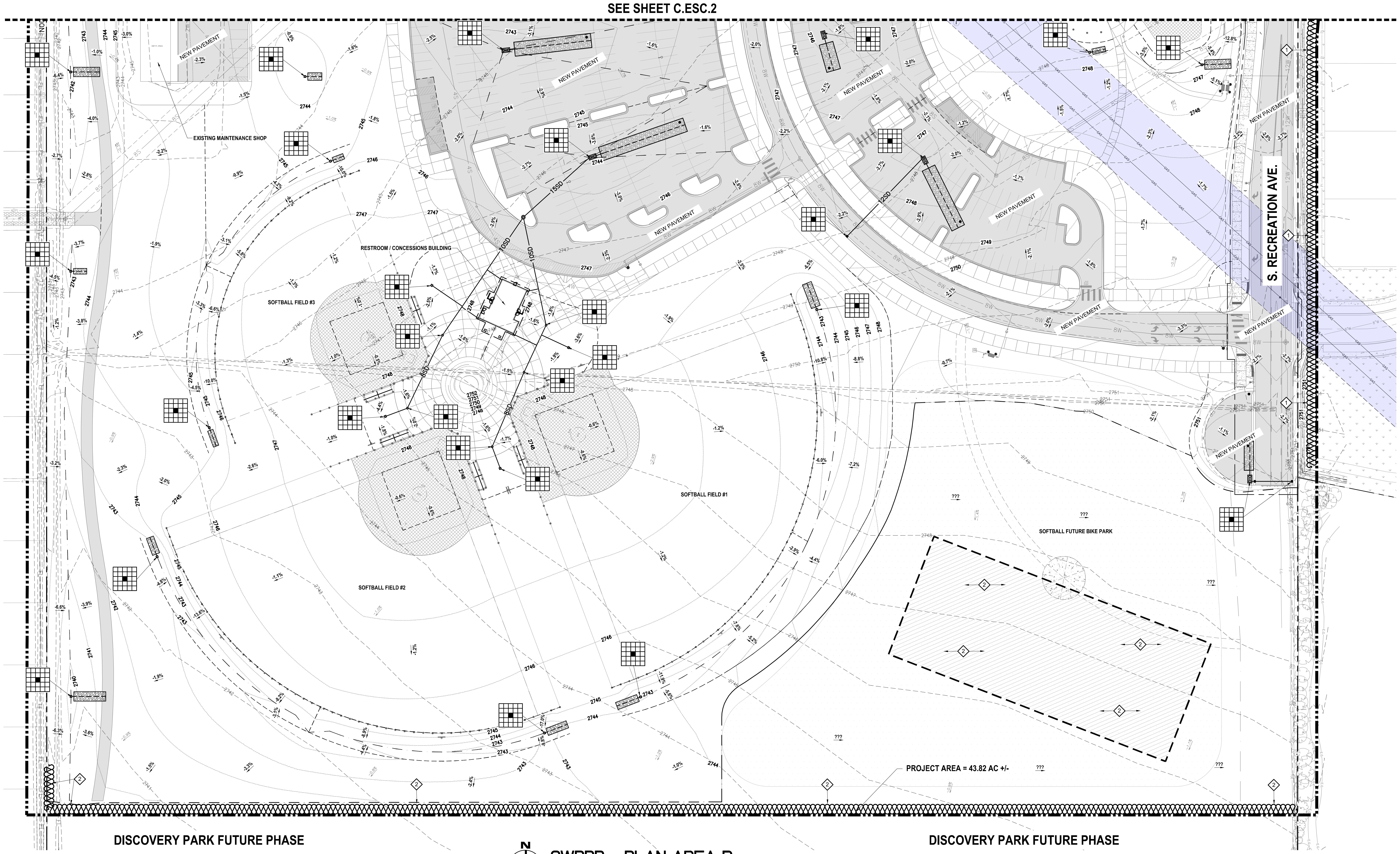
NO.	REVISION	DATE

PROJECT MANAGER: -
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER: IDB19075
DATE: 09/29/21

SHEET TITLE: SWPPP - PLAN AREA A

SHEET NUMBER: C.ESC.1


SEE SHEET C.ESC.2
EXISTING MAINTENANCE SHOP
NEW PAVEMENT
RESTROOM / CONCESSIONS BUILDING
SOFTBALL FIELD #3
SOFTBALL FIELD #1
SOFTBALL FIELD #2
SOFTBALL FUTURE BIKE PARK
S. RECREATION AVE.
15SD
12SD
6SD
8SD
PROJECT AREA = 43.82 AC +/-
???
DISCOVERY PARK FUTURE PHASE
DISCOVERY PARK FUTURE PHASE

SWPPP - PLAN AREA B

0 50 100 FEET

Legend

- ⊞ STORM DRAIN INLET PROTECTION (CATCH BASIN INSERTS)
- FIBER ROLLS
- SILT FENCE
- LIMIT OF CONSTRUCTION
- 2600 FINISHED GRADE CONTOUR
- 2600 EXISTING GRADE CONTOUR
- -1.5% DOWNWARD SLOPE OF FINISHED GRADE
- -0.3% DOWNWARD SLOPE OF EXISTING GRADE

THE SUCCESSFUL BIDDER SHALL UPDATE THE SWPPP/ESCP PLANS, AND NARRATIVE DOCUMENTS, WITH ALL NECESSARY INFORMATION REQUIRED FOR A COMPLETE ESCP/SWPPP, AS APPLICABLE PER IDAHO DIVISION OF ENVIRONMENTAL QUALITY (IDEQ), AND EPA'S REQUIREMENTS FOR FULL COMPLIANCE WITH THE CURRENT CONSTRUCTION GENERAL PERMIT (CGP) - NO SEPARATE PAYMENT SHALL BE MADE.

Notes

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2. SEE LANDSCAPE PLANS FOR REVEGETATION REQUIREMENTS.

Keyed Notes

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2. SOIL STOCKPILE AREA - CONTRACTOR SHALL RELOCATE AND ENLARGE AS REQUIRED FOR CONSTRUCTION OPERATIONS. PROVIDE BMP'S AS REQUIRED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE OR ENTERING THE SITE STORM WATER DRAINAGE SYSTEM.

APPROVED FOR CONSTRUCTION

MERIDIAN IDAHO

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ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name_____ - _____ Date _____ - _____

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BY_____ - _____ DATE:_____ - _____
ADA COUNTY HIGHWAY DISTRICT

811
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1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

6213 N. Cloverdale Rd.
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f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson
civil

NO.	REVISION	DATE

SHEET TITLE:
SWPPP - PLAN AREA B

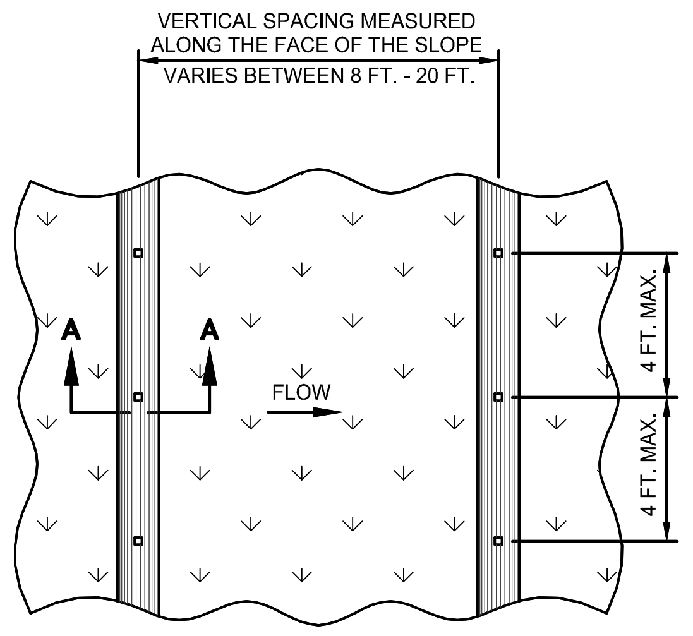
PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.ESC.2

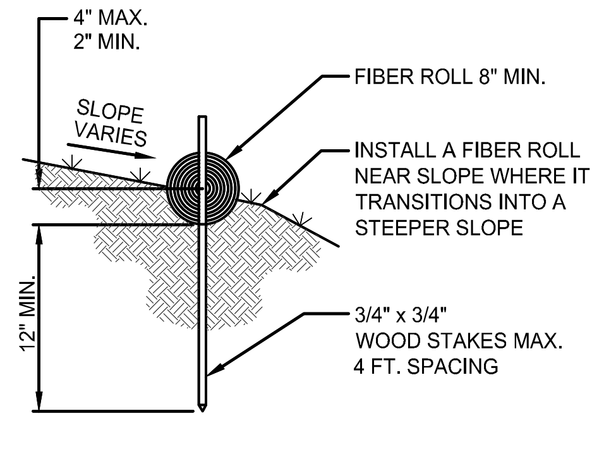
FIBER ROLLS

1 C.ESC.3



VERTICAL SPACING MEASURED ALONG THE FACE OF THE SLOPE
VARIES BETWEEN 8 FT. - 20 FT.
A
A
FLOW
4 FT. MAX.
4 FT. MAX.

TYPICAL FIBER ROLL INSTALLATION



4" MAX.
2" MIN.
SLOPE VARIES
FIBER ROLL 8" MIN.
INSTALL A FIBER ROLL NEAR SLOPE WHERE IT TRANSITIONS INTO A STEEPER SLOPE
12" MIN.
3/4" x 3/4" WOOD STAKES MAX. 4 FT. SPACING

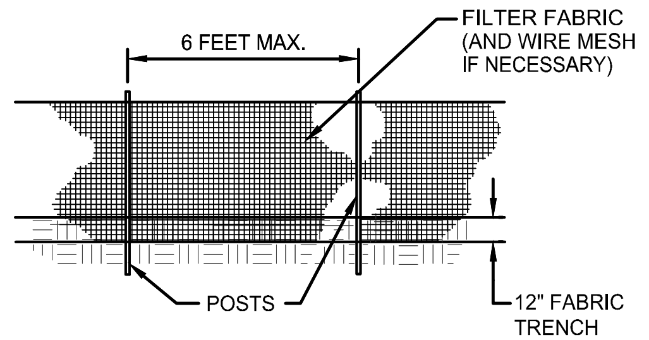
SECTION A - A

NOTES:

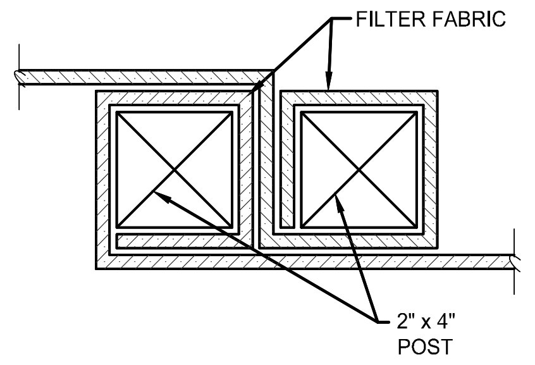
1. INSTALL FIBER ROLLS IN A ROW ALONG A LEVEL CONTOUR.
2. AT ENDS OF A ROW TURN THE LAST TWO FEET UP SLOPE SLIGHTLY.
3. FIBER ROLLS SHALL BE BUTTED TIGHTLY AT THE JOINTS.
4. DO NOT OVERLAP JOINTS.
5. FIBER ROLLS SHALL BE INSPECTED WEEKLY AND AFTER STORMS, AND REPAINTED OR REPLACED AS NEEDED.

SILT FENCE

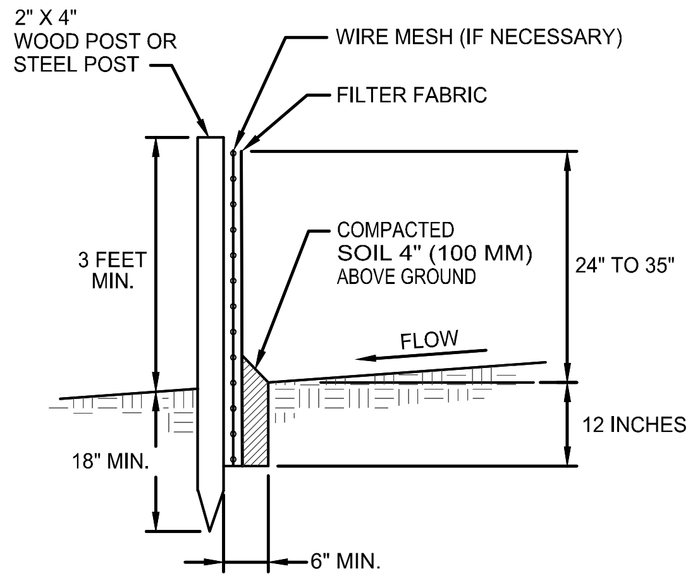
2 C.ESC.3



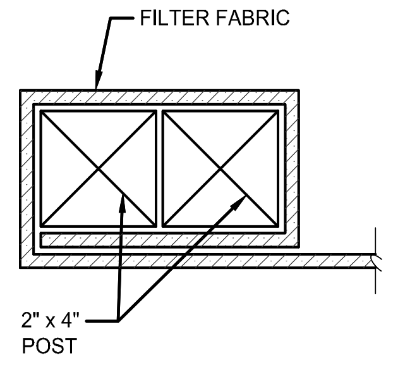
FRONT VIEW



JOINT DETAIL



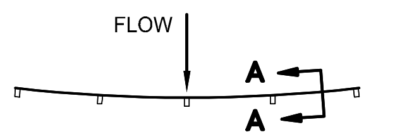
SECTION A-A



END STAKE DETAIL

NOTES:

1. CONSTRUCT THE LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/3 THE HEIGHT OF THE LINEAR BARRIER. IN NO CASE SHALL THE REACH LENGTH EXCEED 150M.
2. THE LAST 8 FT. OF FENCE SHALL BE TURNED UP SLOPE.
3. OVERLAP STAKES, AND FOLD FENCE FABRIC TO AROUND EACH STAKE ONE FULL TURN.
4. FOR END STAKE CONDITION FOLD FENCE FABRIC AROUND (2) STAKES (1) FULL TURN AND SECURE WITH (4) STAPLES.



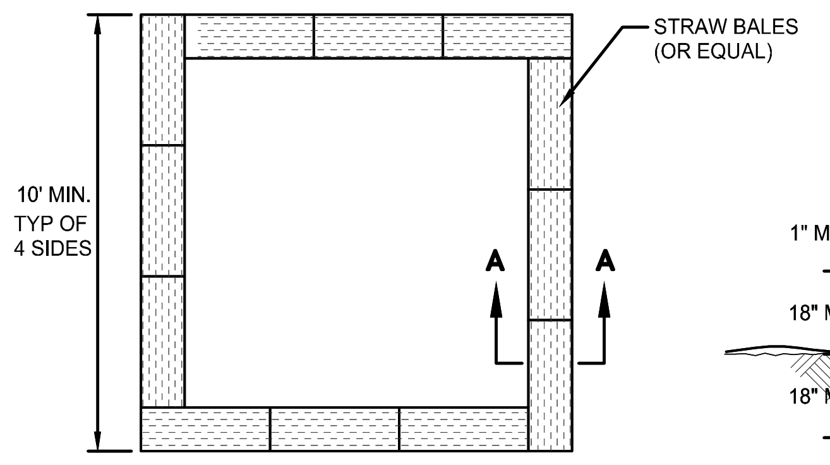
PLAN

NOTES:

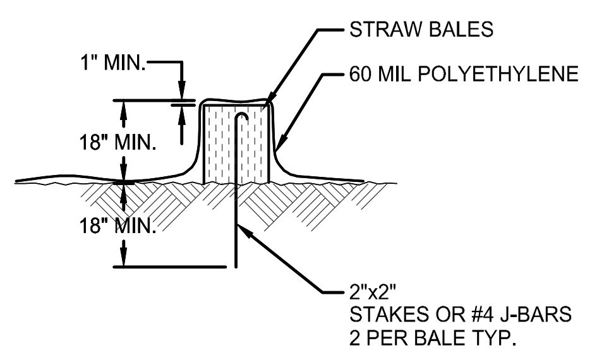
1. SILT FENCE SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH.
2. FILTER FABRIC SHALL BE PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN WITH A MINIMUM TENSILE STRENGTH OF 50 LBS. PER LINEAR FOOT AT 20 PERCENT MAXIMUM ELONGATION AND CONTAINING ULTRAVIOLET INHIBITORS. FILTER FABRIC SHALL RETAIN A MINIMUM OF 85% OF THE SOIL, BY WEIGHT, BASED ON SIEVE ANALYSIS, BUT IS NOT FINER THAN AN EQUIVALENT OPENING SIZE OF 70. WHEN STANDARD STRENGTH FABRIC IS USED, A WIRE MESH SUPPORT SHALL BE SECURELY FASTENED TO THE UPSLOPE SIDE OF POSTS.
3. SUPPORT POSTS SHALL BE A MINIMUM 3.5' LONG 2"x4" WOOD POSTS OR 'T' SECTION FENCE POSTS DRIVEN A MINIMUM OF 18 INCHES INTO THE GROUND. POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART. FABRIC SHALL BE SECURELY FASTENED TO POSTS WITH 1 INCH STAPLES OR 16 GAUGE WIRE TIES SPACED A MAXIMUM OF 6 INCHES APART.
4. A 12 INCH FABRIC TRENCH SHALL BE EXCAVATED ALONG THE UPHILL SIDE OF SILT FENCE POSTS. THE BOTTOM EDGE OF THE FABRIC SHALL EXTEND TO AND ACROSS THE BOTTOM OF THE TRENCH. THE TRENCH SHALL BE BACKFILLED TO 4 INCHES ABOVE GROUND AND COMPACTED TO BURY AND SECURE THE BOTTOM OF THE FILTER FABRIC.
5. CONTRACTOR SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER EACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE THIRD THE HEIGHT OF THE FILTER FABRIC.

CONCRETE WASHOUT

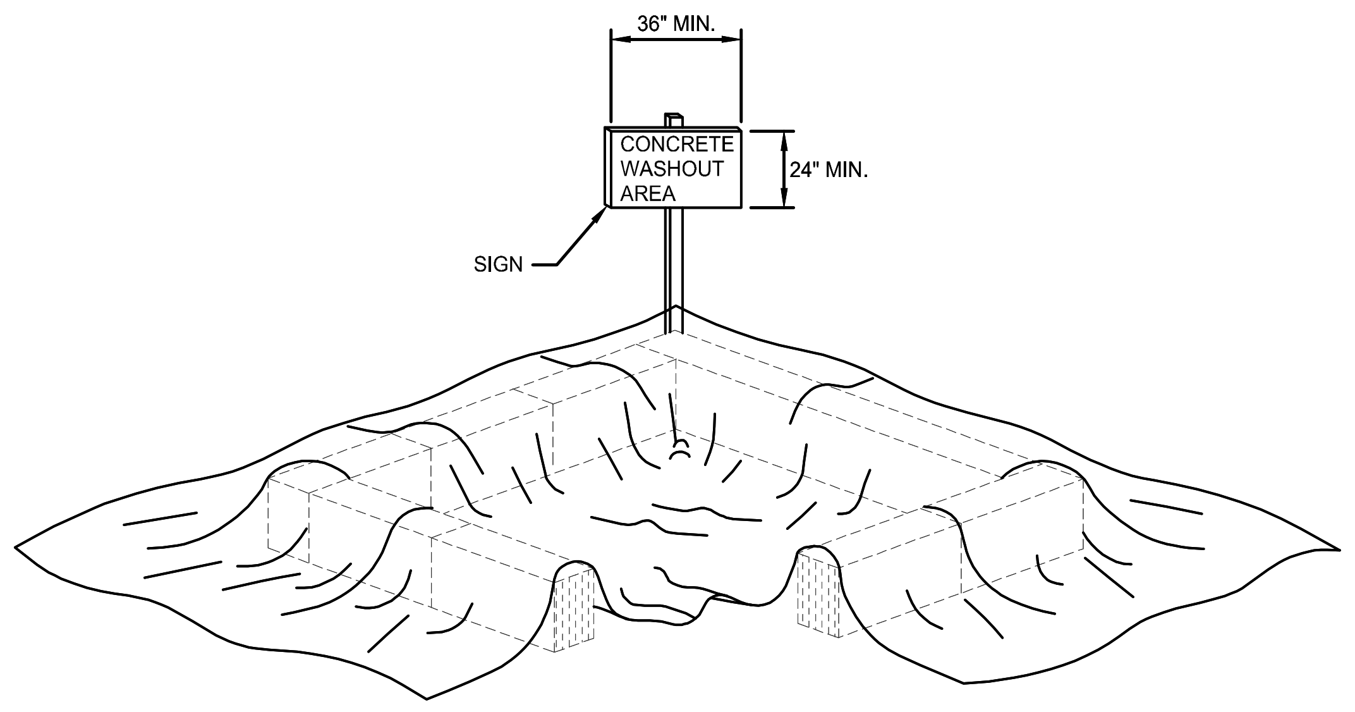
3 C.ESC.3



BALE CONFIGURATION



SECTION A-A



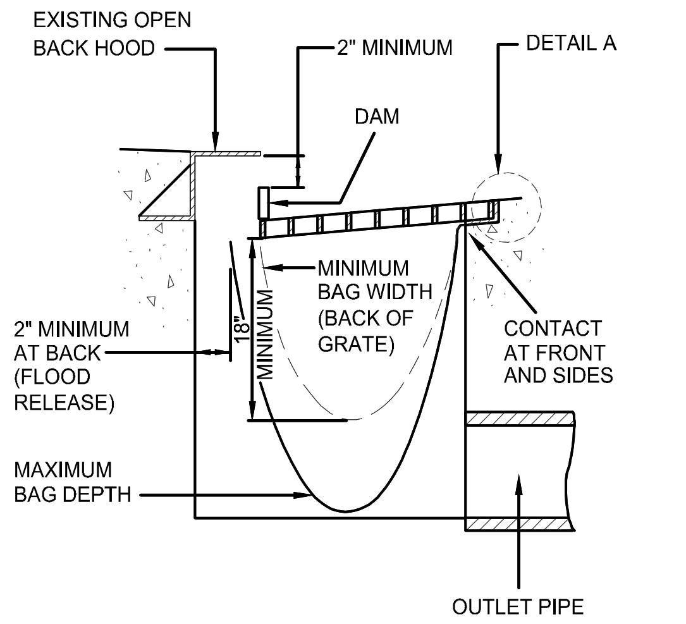
THIS SECTION REMOVED FOR GRAPHICAL REPRESENTATION ONLY. STRAW BALE PERIMETER SHALL BE CONTINUOUS.

NOTES:

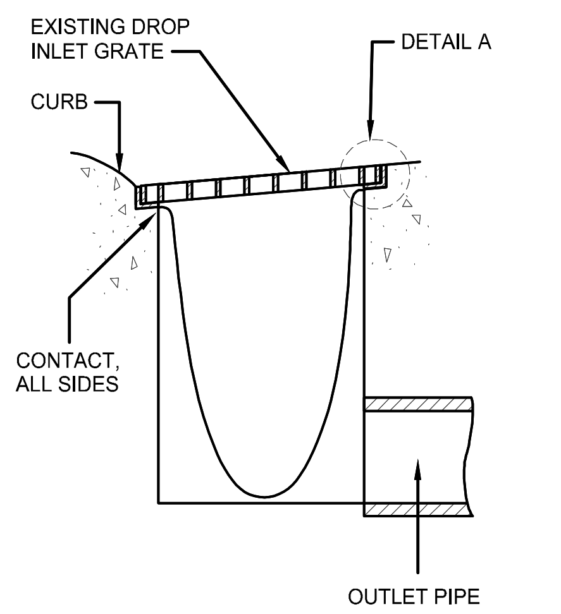
1. FACE SIGN TOWARD NEAREST STREET OR ACCESS POINT
2. CONCRETE WASHOUT SHALL BE LOCATED BEHIND CURB AND 50 FT. MINIMUM FROM DRAINAGE INLETS OR WATERCOURSES

INLET PROTECTION FILTER BAG

4 C.ESC.3

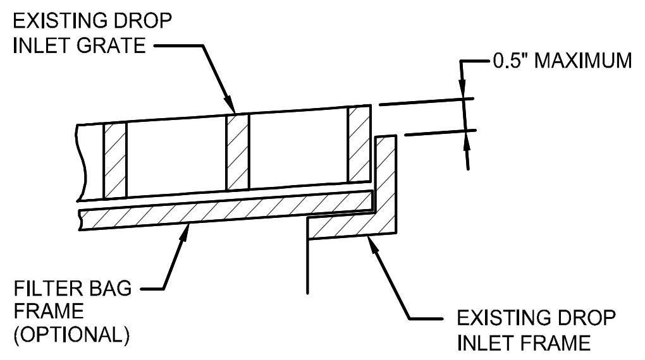


EXISTING OPEN BACK HOOD
2" MINIMUM
DETAIL A
DAM
MINIMUM BAG WIDTH (BACK OF GRATE)
18" MINIMUM
2" MINIMUM AT BACK (FLOOD RELEASE)
CONTACT AT FRONT AND SIDES
MAXIMUM BAG DEPTH
OUTLET PIPE



NOTES:

1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 2 ACRES.
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT, AN EQUIVALENT OPENING SIZE NOT GREATER THAN 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ FT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 0.5" ABOVE THE INLET FRAME (SEE DETAIL A).
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET, EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.

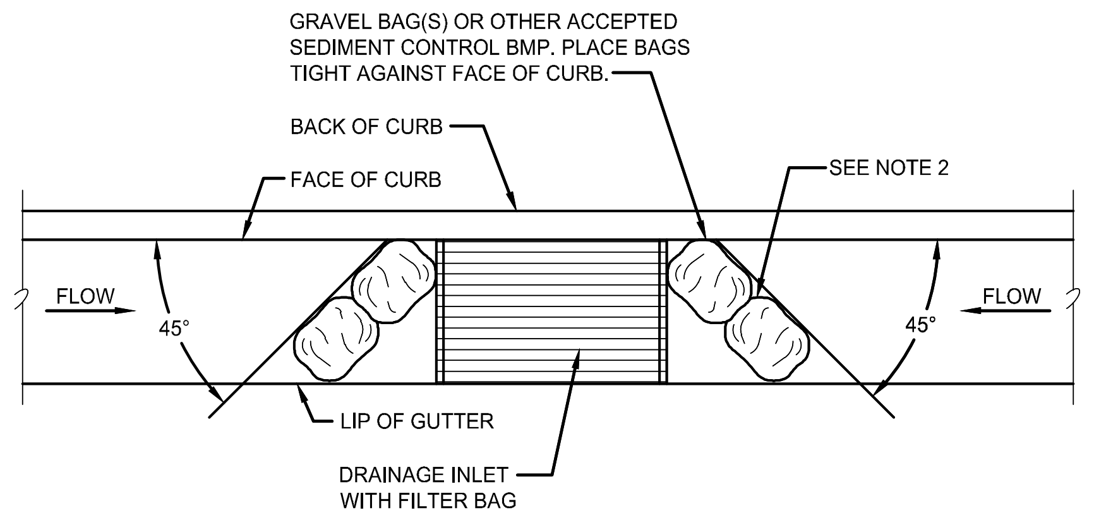


EXISTING DROP INLET GRATE
0.5" MAXIMUM
FILTER BAG FRAME (OPTIONAL)
EXISTING DROP INLET FRAME

DETAIL A

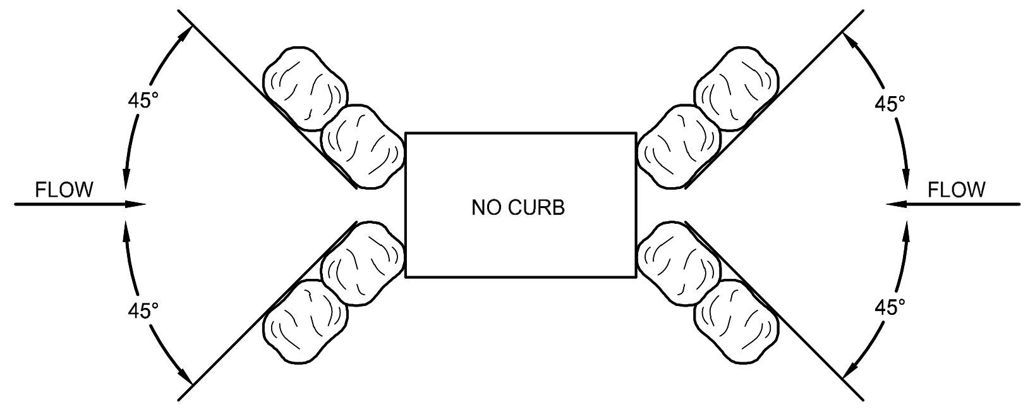
INLET PROTECTION SEDIMENT CONTROL

5 C.ESC.3



GRAVEL BAG(S) OR OTHER ACCEPTED SEDIMENT CONTROL BMP. PLACE BAGS TIGHT AGAINST FACE OF CURB.
BACK OF CURB
FACE OF CURB
SEE NOTE 2
FLOW
45°
45°
FLOW
LIP OF GUTTER
DRAINAGE INLET WITH FILTER BAG

PLAN VIEW

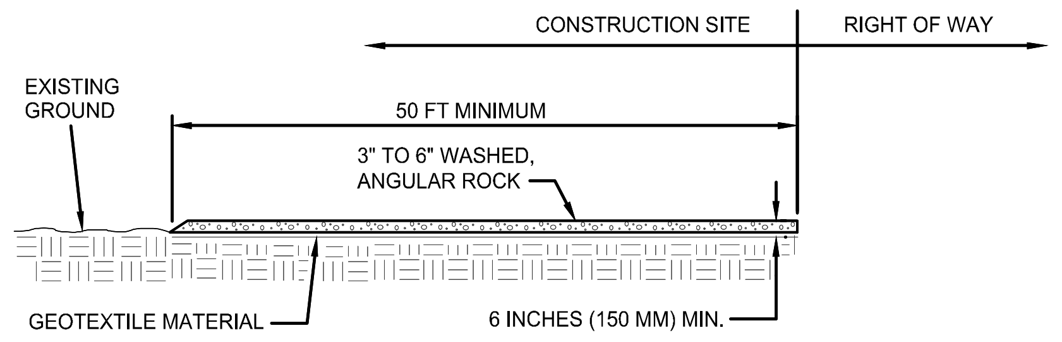


NOTES:

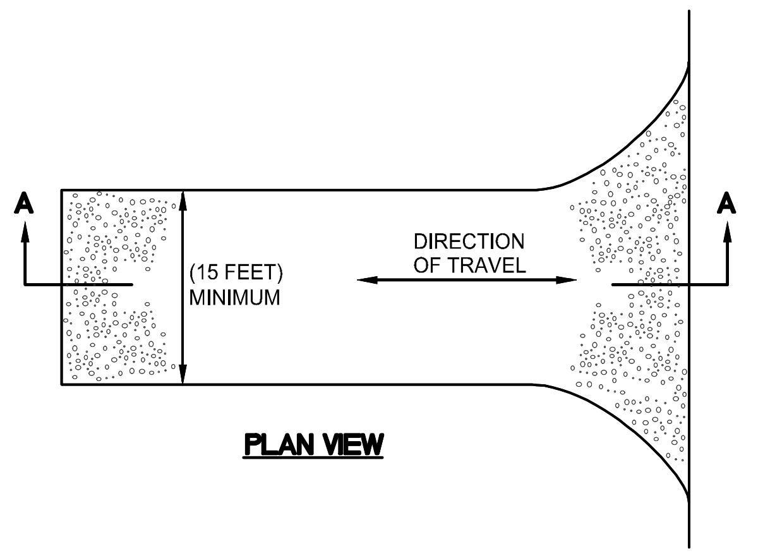
1. SEDIMENT TRAPPED UPSTREAM OF SEDIMENT CONTROL BMP SHALL BE REMOVED WEEKLY AND PRIOR TO A RAINFALL EVENT.
2. PLACE BMP'S TIGHTLY TOGETHER AT JOINTS TO PREVENT OR MINIMIZE SEEPAGE AT JOINTS.
3. INLET SEDIMENT CONTROL MUST BE INSPECTED WEEKLY AND AFTER EACH STORM, AND REPAIRED OR REPLACED AS NEEDED.
4. INLET SEDIMENT CONTROL IS REQUIRED FOR ALL DI's IN ADDITION TO A STORM DRAIN INLET FILTER BAG.

STABILIZED CONSTRUCTION ENTRANCE

6 C.ESC.3



SECTION A-A



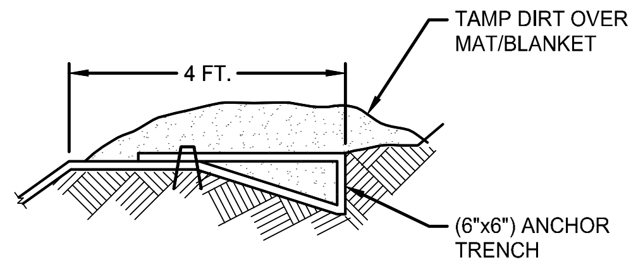
PLAN VIEW

NOTES:

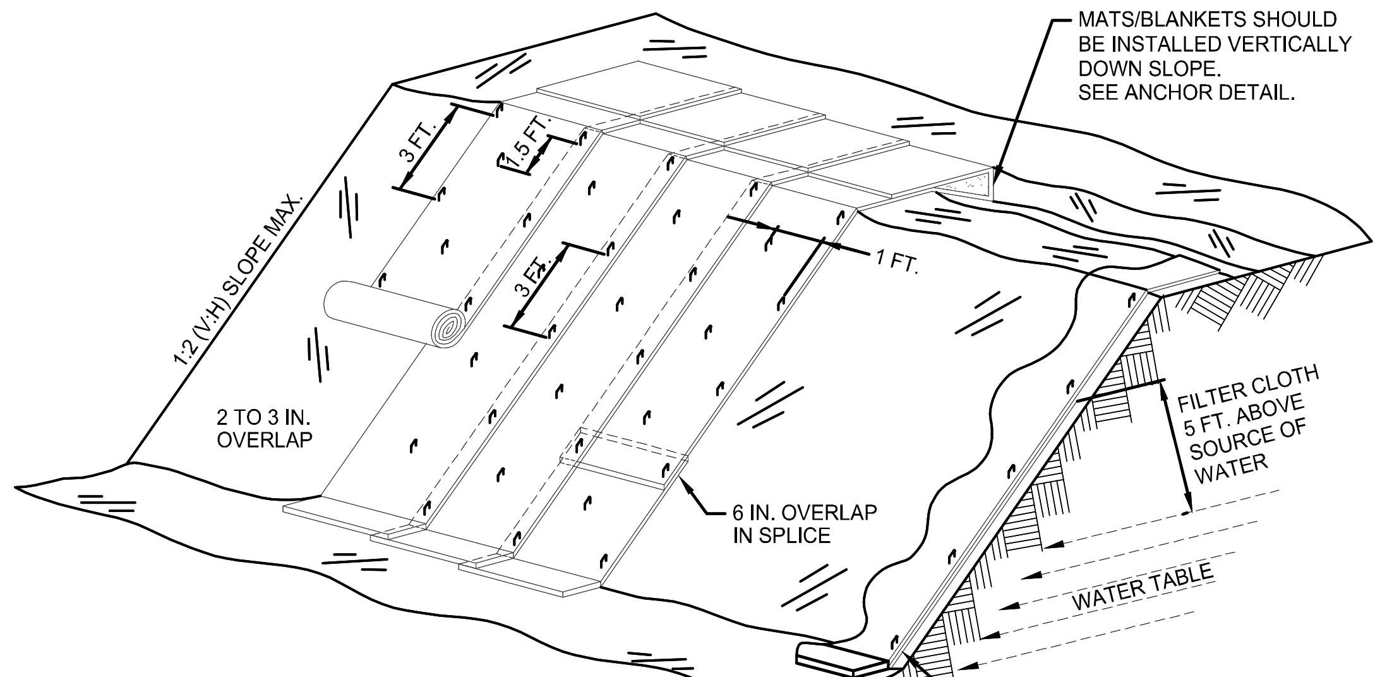
1. STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED OF 3" TO 6" WASHED, ANGULAR ROCK. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 6 INCHES.
2. LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 50 FEET. WIDTH SHALL BE A MIN. OF 15 FT OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADII.
3. THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS SPECIFIED IN NOTE 1.
4. ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL, WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

EROSION BLANKET

7 C.ESC.3



ANCHOR DETAIL



MATS/BLANKETS SHOULD BE INSTALLED VERTICALLY DOWN SLOPE. SEE ANCHOR DETAIL.
3 FT.
1.5 FT.
3 FT.
1 FT.
1:2 (V:H) SLOPE MAX.
2 TO 3 IN. OVERLAP
6 IN. OVERLAP IN SPLICE
FILTER CLOTH 5 FT. ABOVE SOURCE OF WATER
WATER TABLE
NON/WOVEN GEOTEXTILE FILTER FABRIC UNDER TYPICAL TREATMENT.

TYPICAL SLOPE SOIL STABILIZATION

WET SLOPE LINING

NOTES:

1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

THE SUCCESSFUL BIDDER SHALL UPDATE THE SWPPP/ESCP PLANS, AND NARRATIVE DOCUMENTS, WITH ALL NECESSARY INFORMATION REQUIRED FOR A COMPLETE ESCP/SWPPP, AS APPLICABLE PER IDAHO DIVISION OF ENVIRONMENTAL QUALITY (IDEQ), AND EPA'S REQUIREMENTS FOR FULL COMPLIANCE WITH THE CURRENT CONSTRUCTION GENERAL PERMIT (CGP) - NO SEPARATE PAYMENT SHALL BE MADE.

APPROVED FOR CONSTRUCTION

These plans and/or specifications have been reviewed for compliance with Meridian City Standards and Specifications. This review does not relieve the owner, engineer, or contractor of the responsibility to design and/or construct these facilities in compliance with all current applicable federal, state and local laws, rules, regulations, ordinances, development Agreements, specifications, orders or approvals, all of which the City retains the right to enforce. inconsistencies not noted by City staff shall not be construed as approved unless specifically addressed in writing by the City. Any proposed revision to these plans must be submitted for review and compliance with the Meridian City Standards and Specifications before said revision is constructed.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

Name - Date -

Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

ORIGINAL SIGNED PLAN SET ON FILE AT ERICKSON CIVIL, INC.

BY - DATE: -
ADA COUNTY HIGHWAY DISTRICT

CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER:
CITY OF MERIDIAN

PROJECT TITLE:
DISCOVERY PARK PHASE 2
MERIDIAN, ID

6213 N. Cloverdale Rd.
Suite 125
Boise, Idaho 83704
t.208.846.8955
f.208.846.8956
c.208.867.3954
ross@ericksoncivil.com
erickson civil

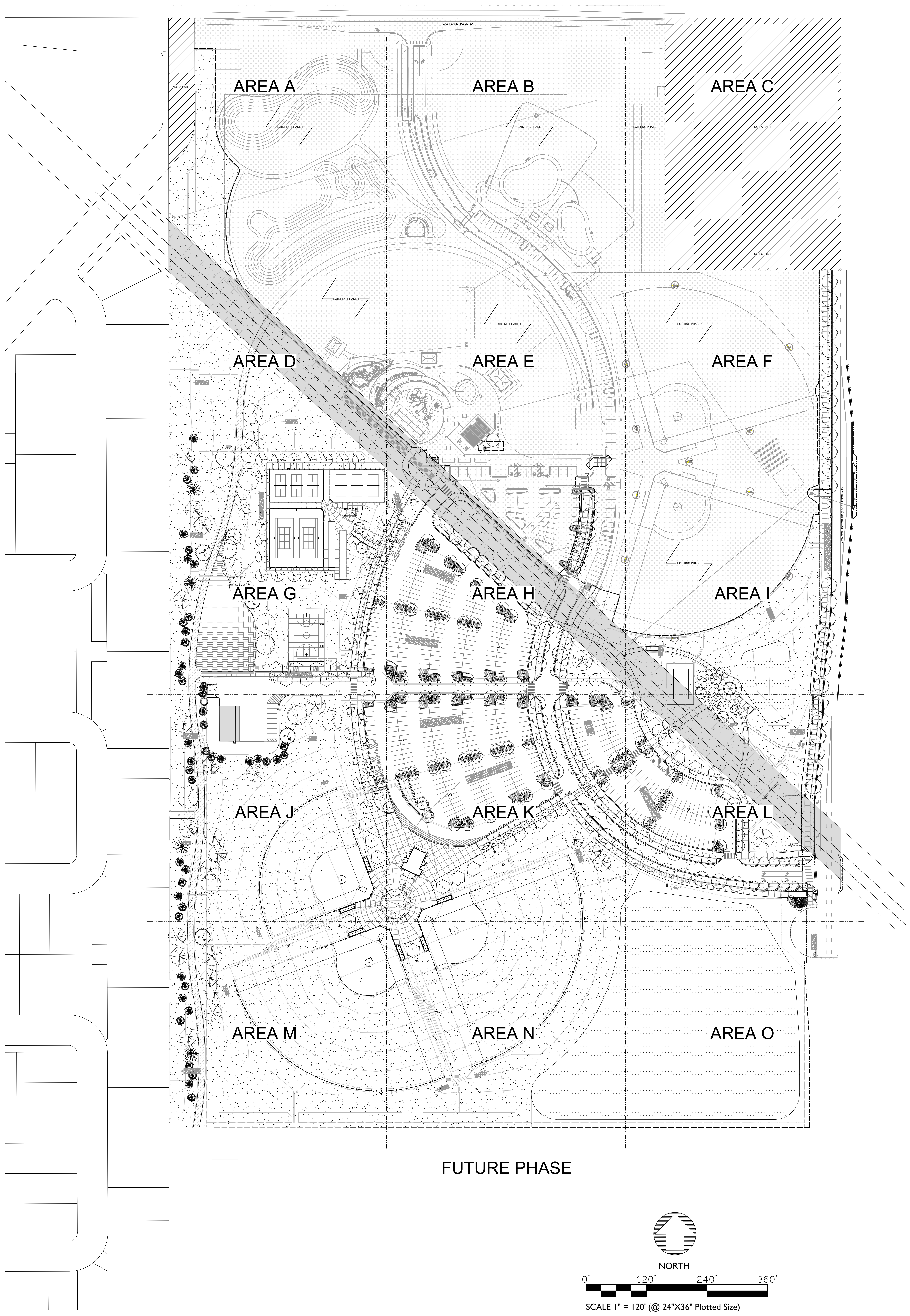
NO.	REVISION	DATE

PROJECT MANAGER:
-
PREPARED BY:
ERICKSON CIVIL, INC.
PH: (208) 846-8955
FAX:(208) 846-8956
DRAWN BY: RKE

JOB NUMBER:
IDB19075
DATE: 09/29/21

SHEET NUMBER:
C.ESC.3

SHEET TITLE:
SWPPP - BMP DETAILS



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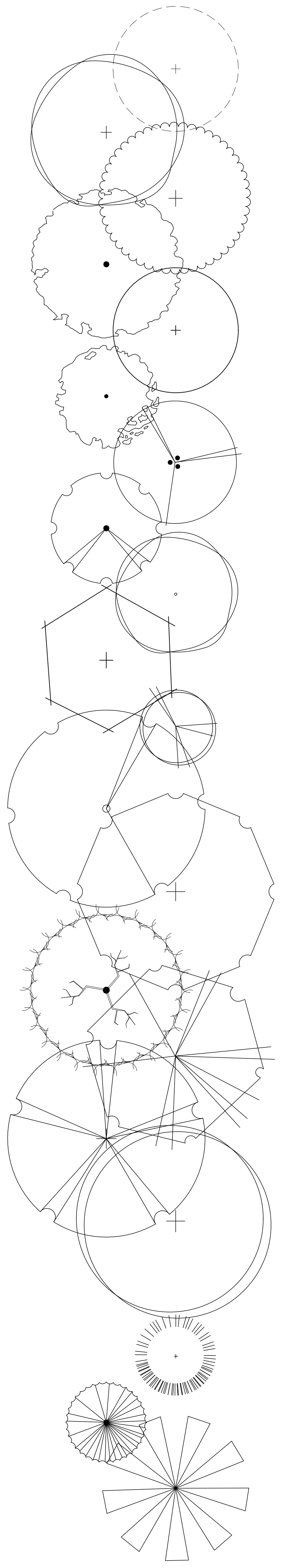

SYM	COMMON/BOTANIC NAME	SIZE
	DECIDUOUS TREES	
	EXISTING TREE - RETAIN AND PROTECT	
	GREENSPIRE LITTLELEAF LINDEN TILIA CORDATA 'GREENSPIRE'	2" CAL B&B
	REDMOND LINDEN TILIA AMERICANA X EUCHLORA 'REDMOND'	2" CAL B&B
	SKYLINE HONEYLOCUST GLEDITSIA TRIACANTHOS 'SKYCOLE'	2" CAL B&B
	CRIMSON SUNSET MAPLE ACER TRUNCATUM X ACER PLATANOIDES 'JFS-KW202'	2" CAL B&B
	MAGYAR GINKGO GINKGO BILOBA 'MAGYAR'	2" CAL B&B
	EMERALD CITY TULIP TREE LIRODENDRON TULIPIFERA 'JFS-OZ'	2" CAL B&B
	PACIFIC SUNSET MAPLE ACER TRUNCATUM X PLATANOIDES 'WARRENRED'	2" CAL B&B
	EMERALD SUNSHINE ELM ULMUS PROPINQUA 'JFS-BIEBERICH'	2" CAL B&B
	WORPLESDON SWEETGUM LIQUIDAMBAR STYRACIFLUA 'WORPLESON'	2" CAL B&B
	FOREST PANSY EASTERN REDBUD CERSIS CANADENSIS 'FOREST PANSY'	2" CAL B&B
	SWEET SATIVA CHESTNUT CASTANEA SATIVA	2" CAL B&B
	KENTUCKY COFFEETREE CYMNOCLADUS DIOICUS	2" CAL B&B
	SWAMP WHITE OAK QUERCUS BICOLOR	2" CAL B&B
	SOIXLAND POPLAR POPULUS DELTOIDES 'SIOUXLAND'	2" CAL B&B
	BLOODGOOD SYCAMORE PLATANUS X ACERIFOILIA 'BLOODGOOD'	2" CAL B&B
	RED OAK QUERCUS RUBRA	2" CAL B&B
	EVERGREEN TREES	
	VANDERWOLF PINE PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	7'-8' HT B&B
	BLACK HILLS SPRUCE PICEA GLAUCA 'DENSATA'	7'-8' B&B
	SCOTCH PINE PINUS SYLVESTRIS	7'-8' B&B
	SHRUBS/GRASSES/PERENNIALS	
✿	COREOPSIS COREOPSIS GRANDIFLORA	1 GAL
⬡	KARL FORESTER FEATHER REED GRASS CALAMAGROSTIS X ACUTIFLORA 'KARL FORESTER'	2 GAL
✿	HIDCOTE BLUE LAVENDER LAVANDULA ANGUSTIFOLIA 'HIDCOTE BLUE LAVENDER'	1 GAL
✳	HILLSIDE CREEPER SCOTCH PINE PINUS SYLVESTRIS 'HILLSIDE CREEPER'	1 GAL
⊛	GRO-LOW FRAGRANT SUMAC RHUS AROMATICA 'GRO-LOW'	1 GAL
▭	LAWN SEEDING	
▨	WOOD MULCH	

CZC NOTES

1. NEW COLLECTOR ROAD STREET TREES:
   1.1. 1275 L.F. OF FRONTAGE FROM NORTH PROPERTY LINE TO SOUTHERN STREET IMPROVEMENT AREA.
      1.1.1. 36 TREES REQUIRED
      1.1.2. 26 TREES PROVIDED AT 35' SPACING. TREES ARE NOT ALLOWED IN DRAINAGE FACILITIES AND WILLIAMS PIPELINE EASEMENT. THESE 10 TREES ARE MITIGATED ELSEWHERE ON THE SITE.

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21
ACHD COMMENTS	11-23-21

BRUCE W. TAYLOR
LA-222

JENSENBELTS ASSOCIATES
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Landscape Architecture
Urban Design

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Landscape Architecture

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

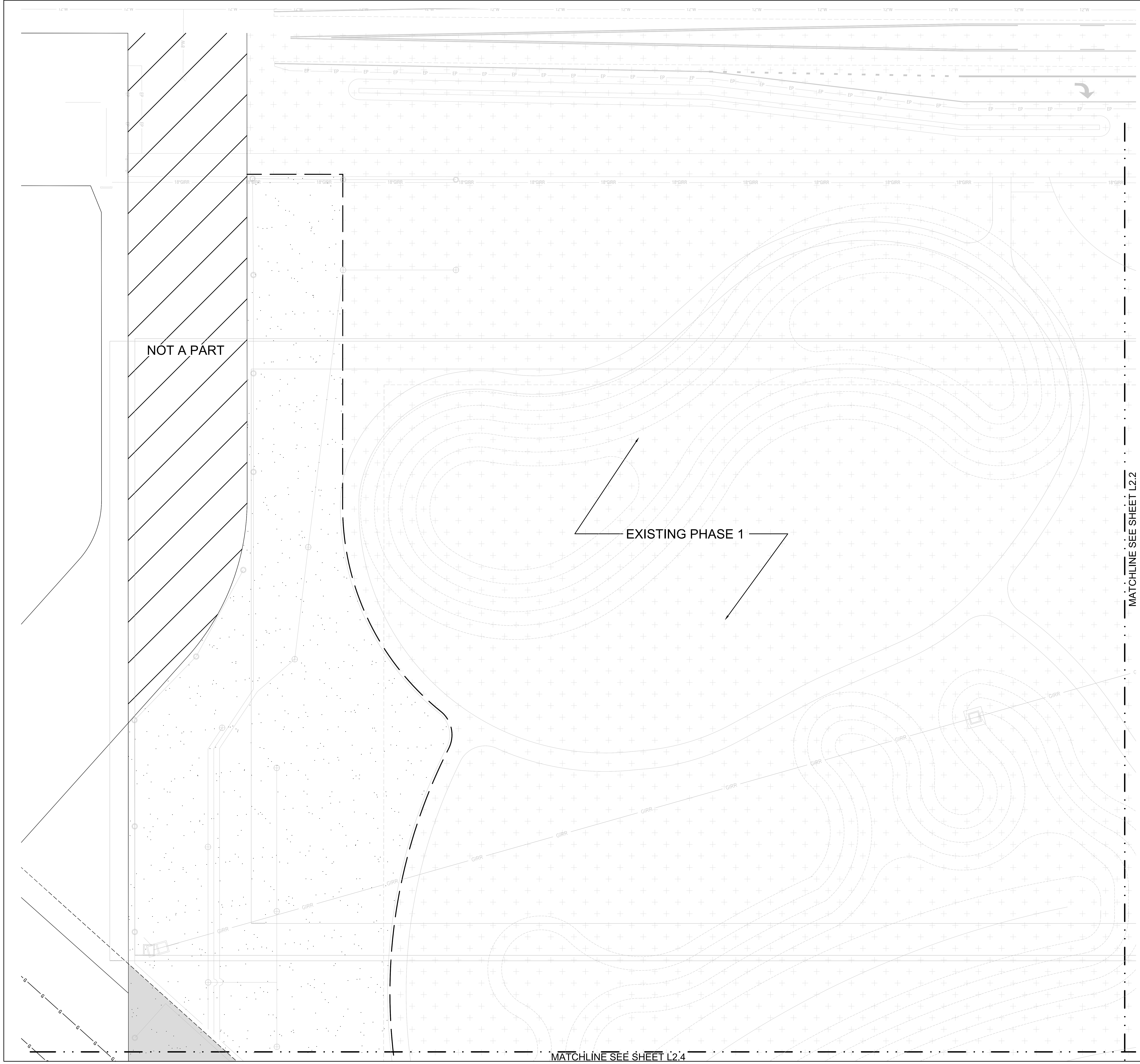
SITE

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN

Sheet Title
OVERALL PLANTING PLAN

Sheet Number
L2.0
Of Sheets



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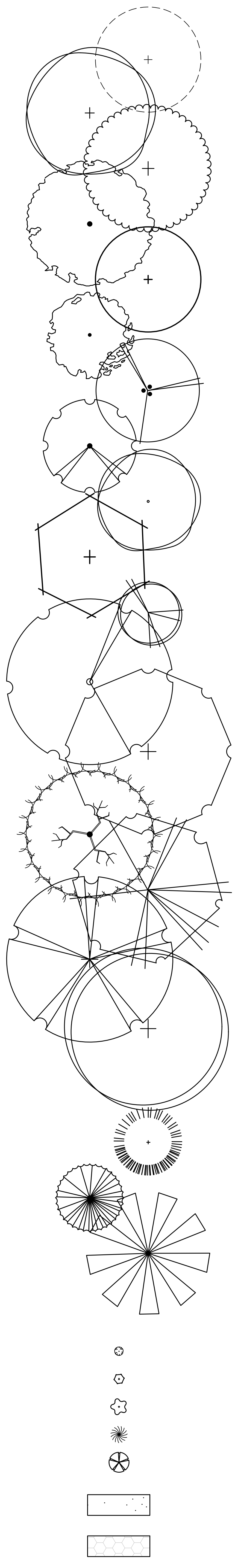

SYM	DESCRIPTION
	DECIDUOUS TREES
	EXISTING TREE - RETAIN AND PROTECT
	GREENSPIRE LITTLELEAF LINDEN
	REDMOND LINDEN
	SKYLINE HONEYLOCUST
	CRIMSON SUNSET MAPLE
	MAGYAR GINKGO
	EMERALD CITY TULIP TREE
	PACIFIC SUNSET MAPLE
	EMERALD SUNSHINE ELM
	WORPLESDON SWEETGUM
	FOREST PANSY EASTERN REDBUD
	SWEET SATIVA CHESTNUT
	KENTUCKY COFFEETREE
	SWAMP WHITE OAK
	SOIXLAND POPLAR
	BLOODGOOD SYCAMORE
	RED OAK
	EVERGREEN TREES
	VANDERWOLF PINE
	BLACK HILLS SPRUCE
	SCOTCH PINE
	SHRUBS/GRASSES/PERENNIALS
	COREOPSIS
	KARL FORESTER FEATHER REED GRASS
	HIDCOTE BLUE LAVENDER
	HILLSIDE CREEPER SCOTCH PINE
	GRO-LOW FRAGRANT SUMAC
	LAWN SEEDING
	WOOD MULCH

NOTE

SEE SHEET L2.0 FOR FULL PLANT SCHEDULE

NORTH

0' 20' 40' 60'

SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21

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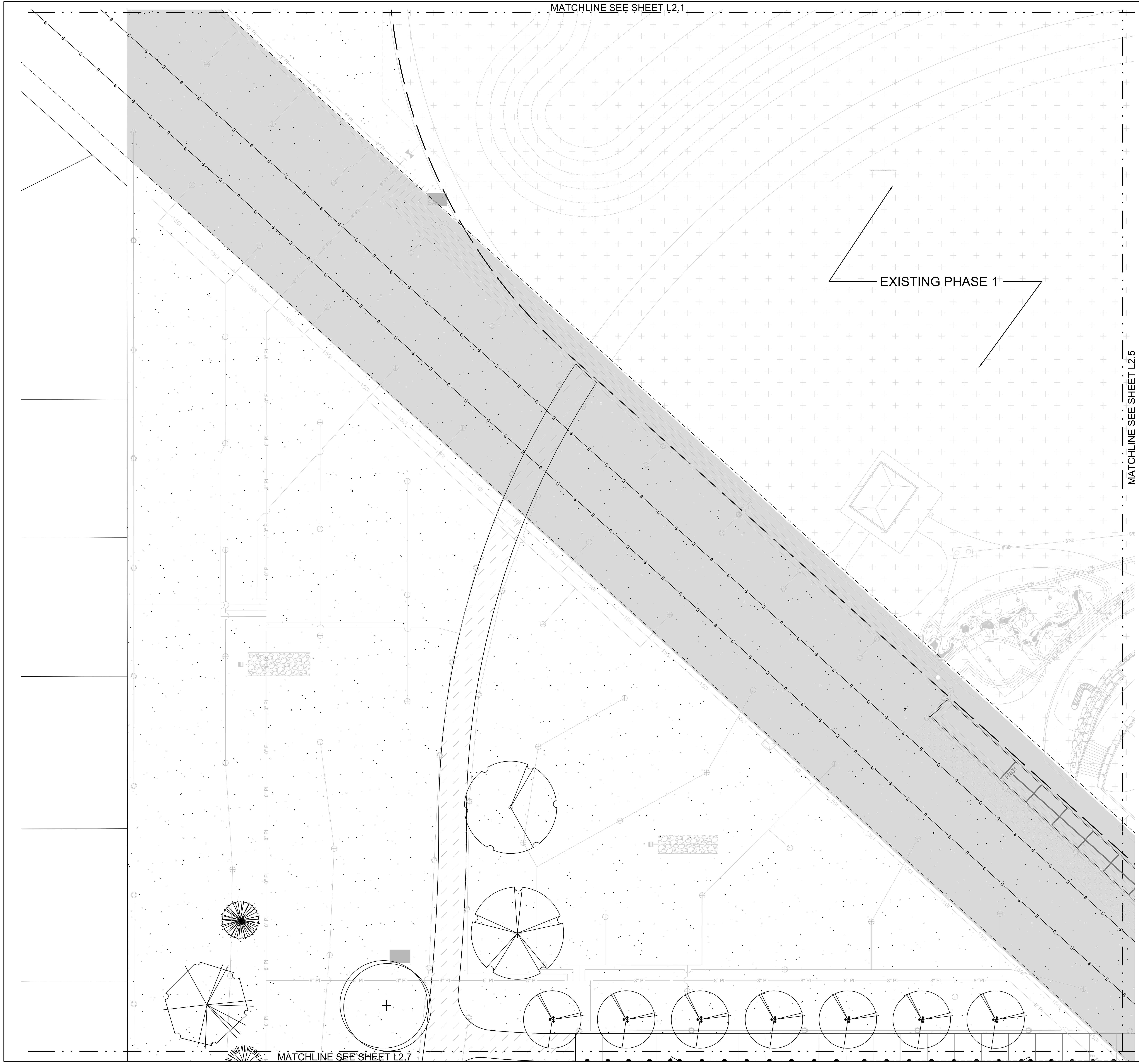
Sheet Title
PLANTING PLAN AREA A

Sheet Number
L2.1
Of Sheets



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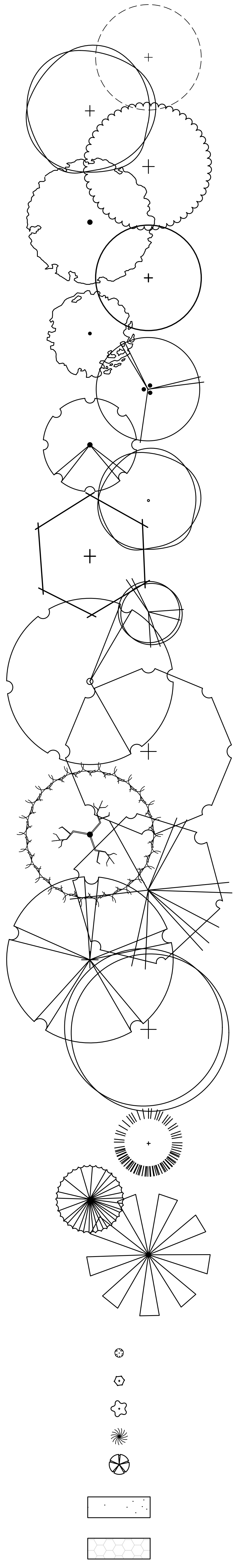


SYM DESCRIPTION

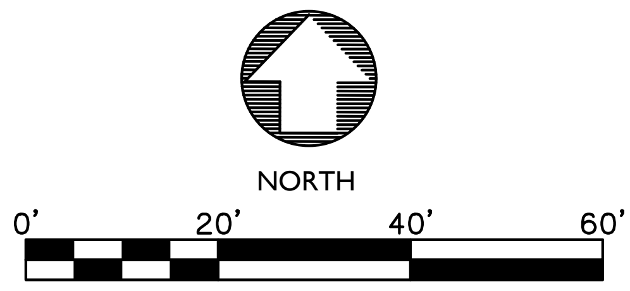
DECIDUOUS TREES
- EXISTING TREE - RETAIN AND PROTECT
- GREENSPIRE LITTLELEAF LINDEN
- REDMOND LINDEN
- SKYLINE HONEYLOCUST
- CRIMSON SUNSET MAPLE
- MAGYAR GINKGO
- EMERALD CITY TULIP TREE
- PACIFIC SUNSET MAPLE
- EMERALD SUNSHINE ELM
- WORPLESDON SWEETGUM
- FOREST PANSY EASTERN REDBUD
- SWEET SATIVA CHESTNUT
- KENTUCKY COFFEETREE
- SWAMP WHITE OAK
- SOIXLAND POPLAR
- BLOODGOOD SYCAMORE
- RED OAK

EVERGREEN TREES
- VANDERWOLF PINE
- BLACK HILLS SPRUCE
- SCOTCH PINE

SHRUBS/GRASSES/PERENNIALS
- COREOPSIS
- KARL FORESTER FEATHER REED GRASS
- HIDCOTE BLUE LAVENDER
- HILLSIDE CREEPER SCOTCH PINE
- GRO-LOW FRAGRANT SUMAC
- LAWN SEEDING
- WOOD MULCH

NOTE

SEE SHEET L2.0 FOR FULL PLANT SCHEDULE



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21

BRUCE W. TAYLOR
LA-222

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2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

Job Number 1999

Drawn	Checked
JBA	BWT

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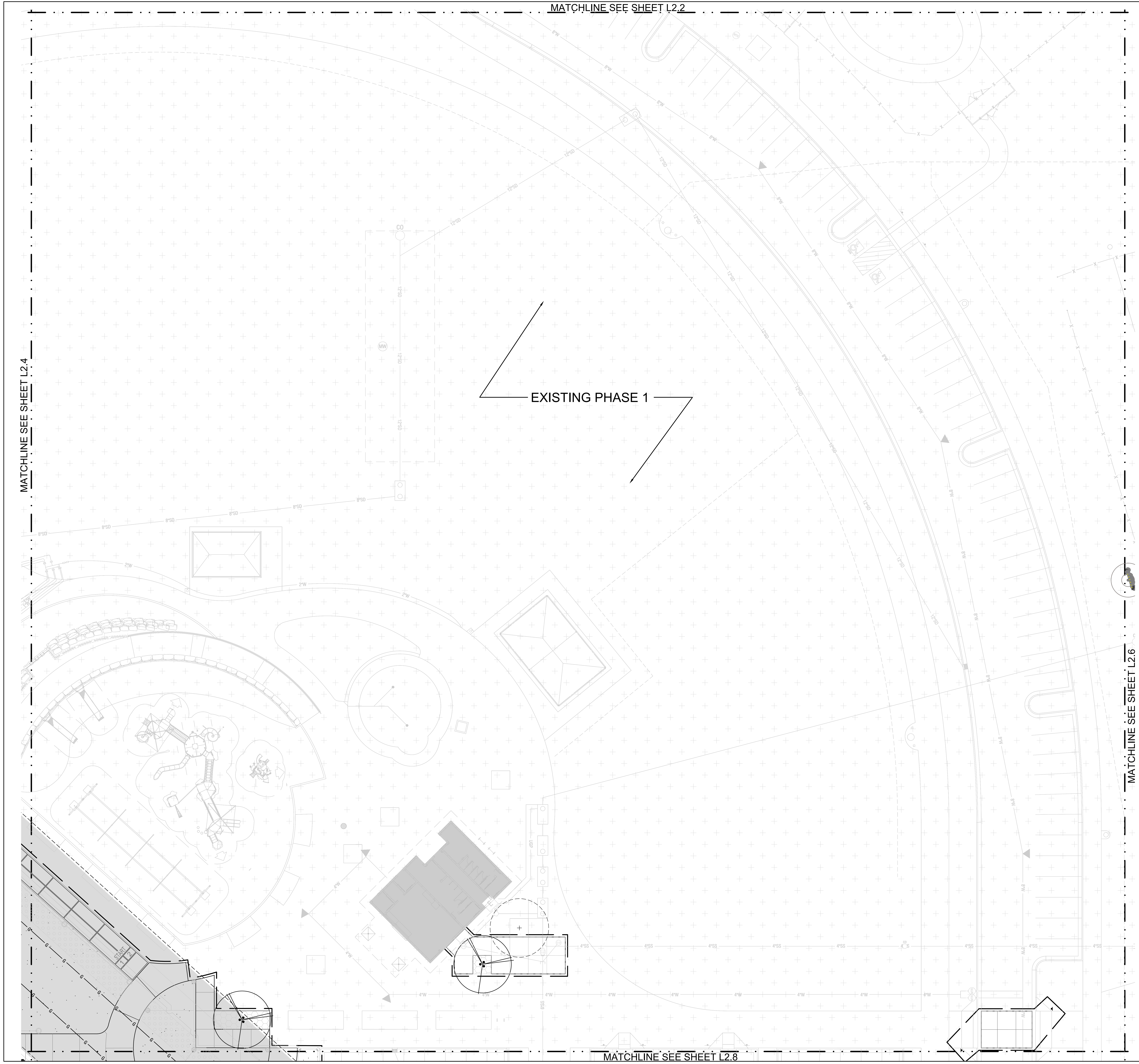
Sheet Title

PLANTING PLAN AREA D

Sheet Number

L2.4

Of Sheets



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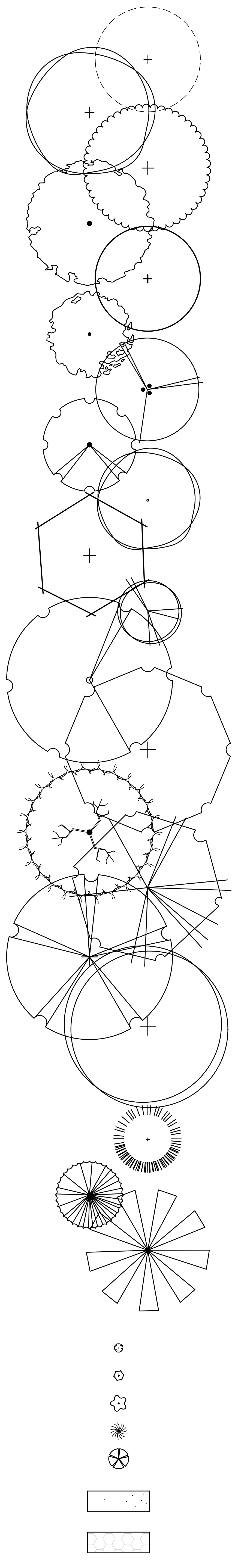
SYM | DESCRIPTION



DECIDUOUS TREES

EXISTING TREE - RETAIN AND PROTECT
GREENSPIRE LITTLELEAF LINDEN
REDMOND LINDEN
SKYLINE HONEYLOCUST
CRIMSON SUNSET MAPLE
MAGYAR GINKGO
EMERALD CITY TULIP TREE
PACIFIC SUNSET MAPLE
EMERALD SUNSHINE ELM
WORPLESDON SWEETGUM
FOREST PANSY EASTERN REDBUD
SWEET SATIVA CHESTNUT
KENTUCKY COFFEETREE
SWAMP WHITE OAK
SOIXLAND POPLAR
BLOODGOOD SYCAMORE
RED OAK

EVERGREEN TREES

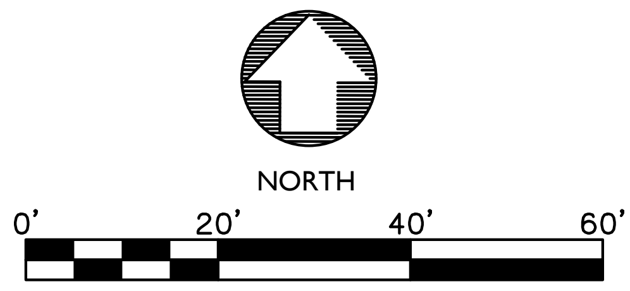
VANDERWOLF PINE
BLACK HILLS SPRUCE
SCOTCH PINE

SHRUBS/GRASSES/PERENNIALS

COREOPSIS
KARL FORESTER FEATHER REED GRASS
HIDCOTE BLUE LAVENDER
HILLSIDE CREEPER SCOTCH PINE
GRO-LOW FRAGRANT SUMAC
LAWN SEEDING
WOOD MULCH

NOTE

SEE SHEET L2.0 FOR FULL PLANT SCHEDULE



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21

BRUCE W. TAYLOR LA-222

Bruce W. T

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DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

Job Number 1999

Drawn	Checked
JBA	BWT

Scale AS SHOWN

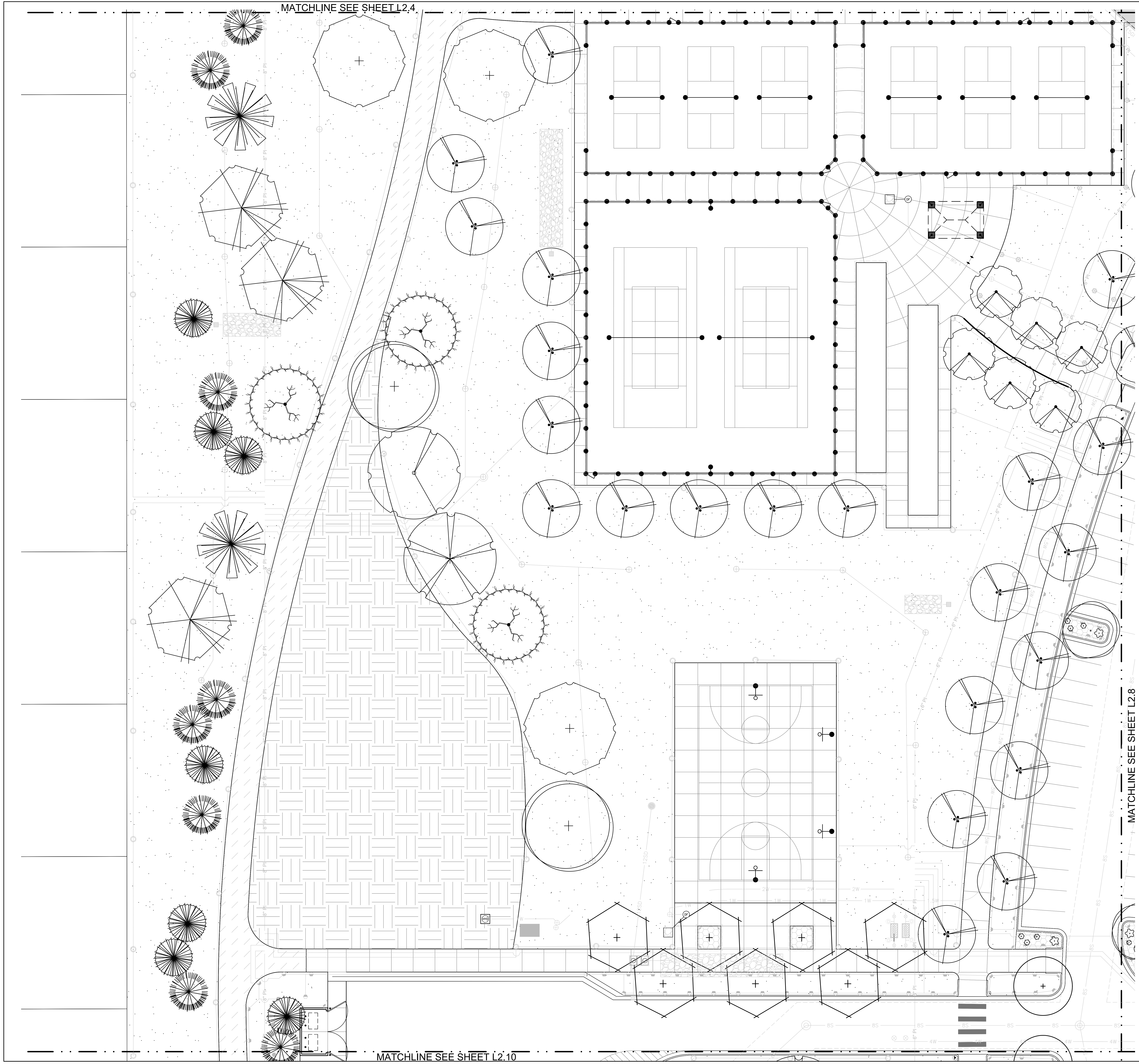
Sheet Title

PLANTING PLAN AREA E

Sheet Number

L2.5

Of Sheets



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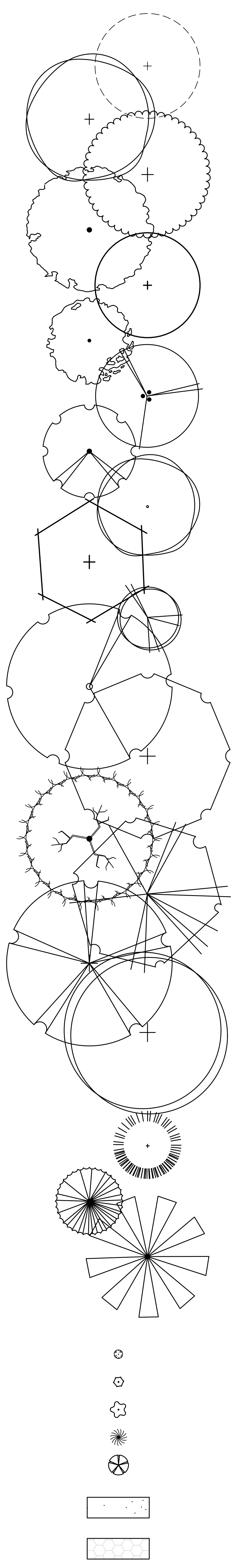
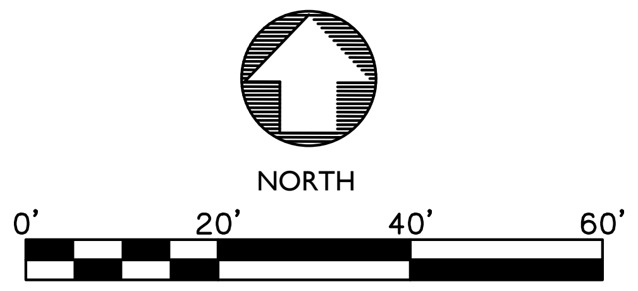


SYM	DESCRIPTION
	DECIDUOUS TREES
	EXISTING TREE - RETAIN AND PROTECT
	GREENSPIRE LITTLELEAF LINDEN
	REDMOND LINDEN
	SKYLINE HONEYLOCUST
	CRIMSON SUNSET MAPLE
	MAGYAR GINKGO
	EMERALD CITY TULIP TREE
	PACIFIC SUNSET MAPLE
	EMERALD SUNSHINE ELM
	WORPLESDON SWEETGUM
	FOREST PANSY EASTERN REDBUD
	SWEET SATIVA CHESTNUT
	KENTUCKY COFFEETREE
	SWAMP WHITE OAK
	SOIXLAND POPLAR
	BLOODGOOD SYCAMORE
	RED OAK
	EVERGREEN TREES
	VANDERWOLF PINE
	BLACK HILLS SPRUCE
	SCOTCH PINE
	SHRUBS/GRASSES/PERENNIALS
	COREOPSIS
	KARL FORESTER FEATHER REED GRASS
	HIDCOTE BLUE LAVENDER
	HILLSIDE CREEPER SCOTCH PINE
	GRO-LOW FRAGRANT SUMAC
	LAWN SEEDING
	WOOD MULCH

NOTE

SEE SHEET L2.0 FOR FULL PLANT SCHEDULE



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21

BRUCE W. TAYLOR
LA-222

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

Job Number 1999

Drawn	Checked
JBA	BWT

Scale AS SHOWN

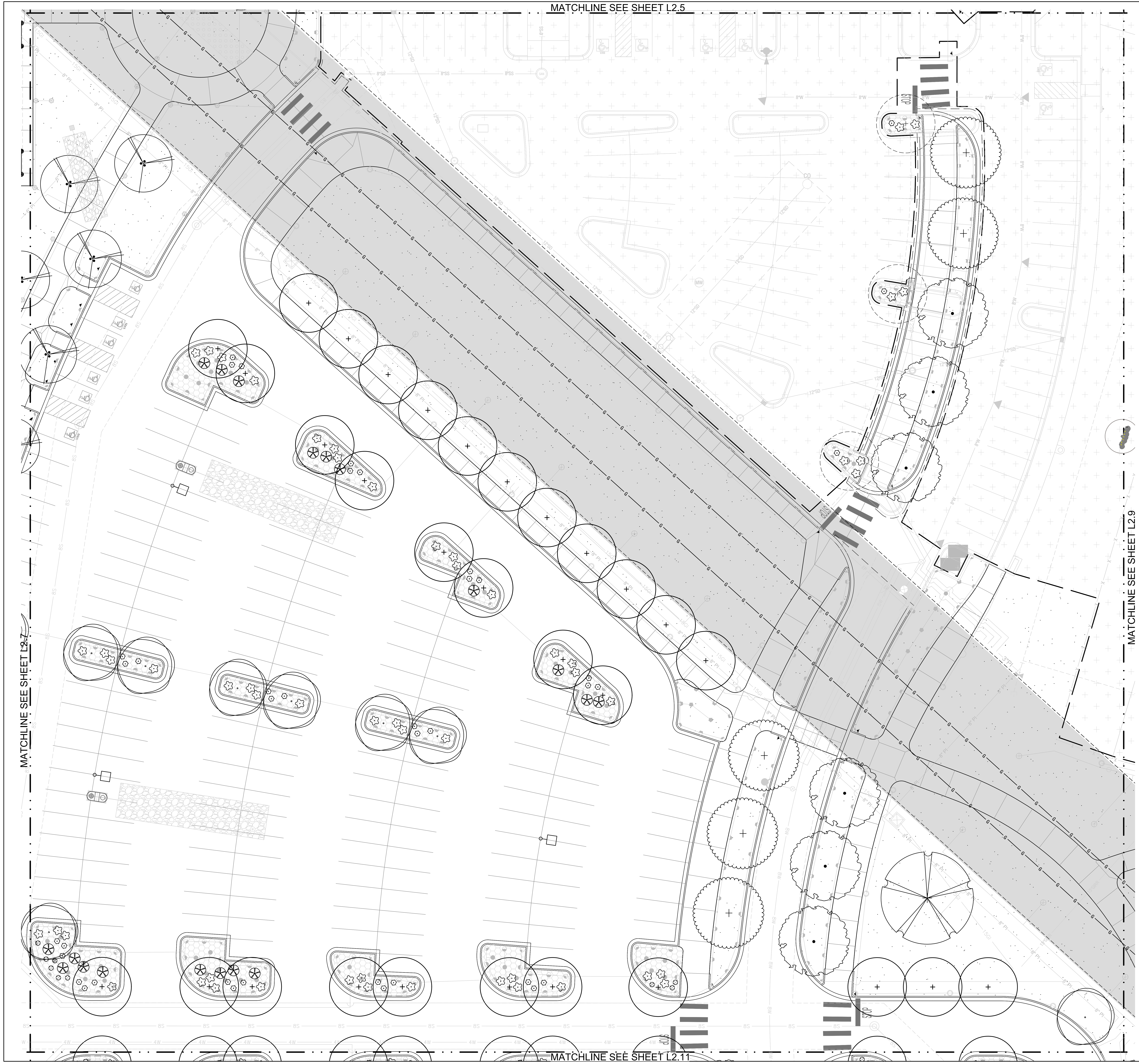
Sheet Title

PLANTING PLAN AREA G

Sheet Number

L2.7

Of Sheets



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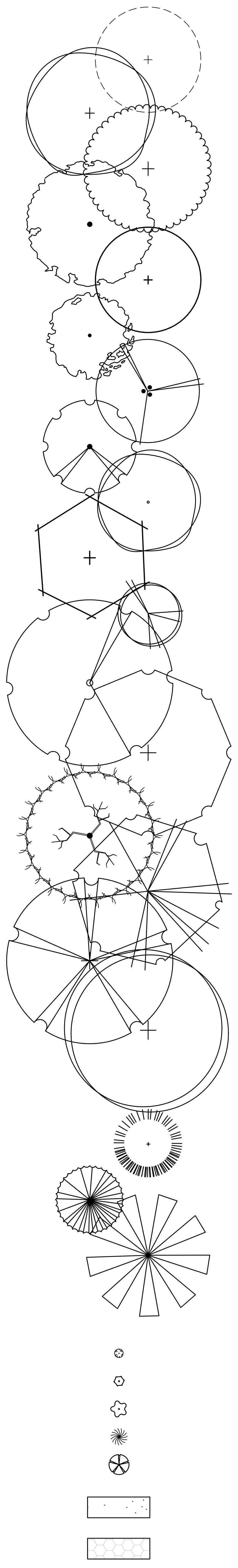

SYM	DESCRIPTION
	DECIDUOUS TREES
	EXISTING TREE - RETAIN AND PROTECT
	GREENSPIRE LITTLELEAF LINDEN
	REDMOND LINDEN
	SKYLINE HONEYLOCUST
	CRIMSON SUNSET MAPLE
	MAGYAR GINKGO
	EMERALD CITY TULIP TREE
	PACIFIC SUNSET MAPLE
	EMERALD SUNSHINE ELM
	WORPLESDON SWEETGUM
	FOREST PANSY EASTERN REDBUD
	SWEET SATIVA CHESTNUT
	KENTUCKY COFFEETREE
	SWAMP WHITE OAK
	SOIXLAND POPLAR
	BLOODGOOD SYCAMORE
	RED OAK
	EVERGREEN TREES
	VANDERWOLF PINE
	BLACK HILLS SPRUCE
	SCOTCH PINE
	SHRUBS/GRASSES/PERENNIALS
	COREOPSIS
	KARL FORESTER FEATHER REED GRASS
	HIDCOTE BLUE LAVENDER
	HILLSIDE CREEPER SCOTCH PINE
	GRO-LOW FRAGRANT SUMAC
	LAWN SEEDING
	WOOD MULCH

NOTE

SEE SHEET L2.0 FOR FULL PLANT SCHEDULE

NORTH

0' 20' 40' 60'

SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21

BRUCE W. TAYLOR
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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

PLANTING PLAN

Job Number 1999

Drawn	Checked
JBA	BWT
Scale	AS SHOWN

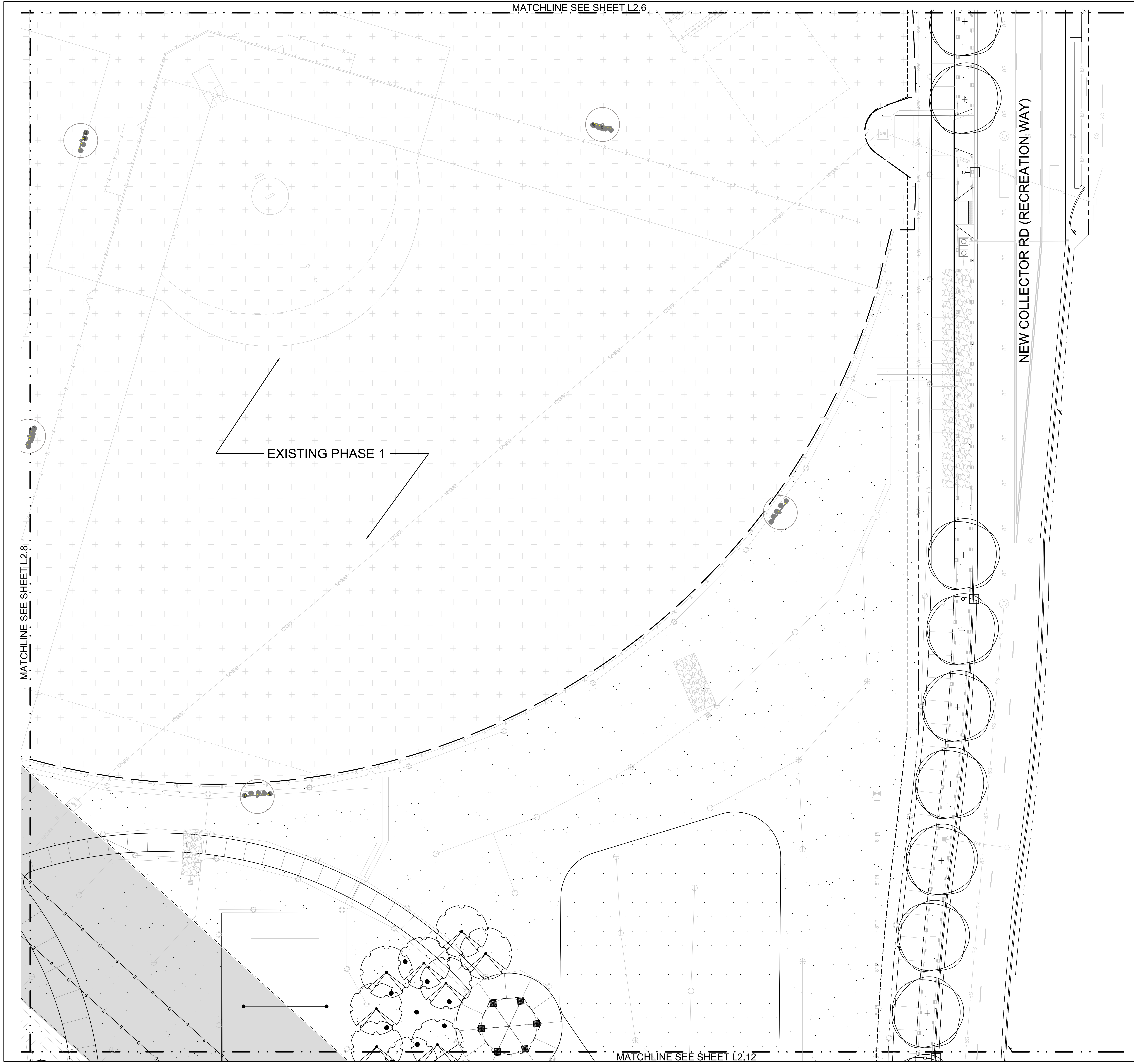
Sheet Title

PLANTING PLAN AREA H

Sheet Number

L2.8

Of Sheets



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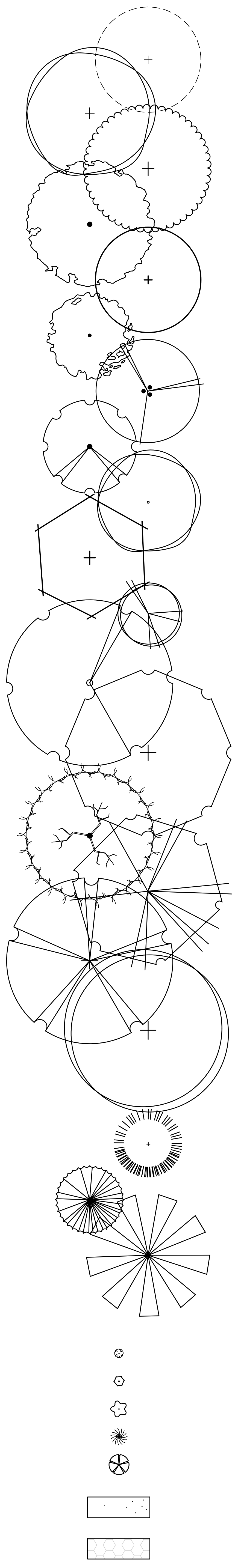
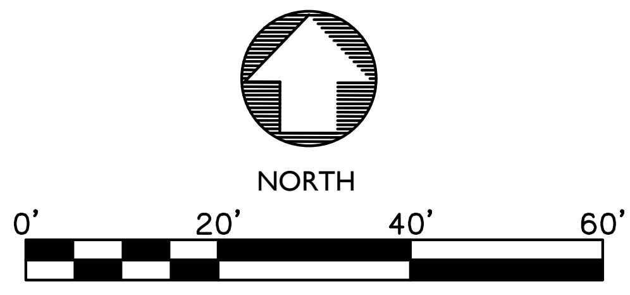


SYM	DESCRIPTION
	DECIDUOUS TREES
	EXISTING TREE - RETAIN AND PROTECT
	GREENSPIRE LITTLELEAF LINDEN
	REDMOND LINDEN
	SKYLINE HONEYLOCUST
	CRIMSON SUNSET MAPLE
	MAGYAR GINKGO
	EMERALD CITY TULIP TREE
	PACIFIC SUNSET MAPLE
	EMERALD SUNSHINE ELM
	WORPLESDON SWEETGUM
	FOREST PANSY EASTERN REDBUD
	SWEET SATIVA CHESTNUT
	KENTUCKY COFFEETREE
	SWAMP WHITE OAK
	SOIXLAND POPLAR
	BLOODGOOD SYCAMORE
	RED OAK
	EVERGREEN TREES
	VANDERWOLF PINE
	BLACK HILLS SPRUCE
	SCOTCH PINE
	SHRUBS/GRASSES/PERENNIALS
	COREOPSIS
	KARL FORESTER FEATHER REED GRASS
	HIDCOTE BLUE LAVENDER
	HILLSIDE CREEPER SCOTCH PINE
	GRO-LOW FRAGRANT SUMAC
	LAWN SEEDING
	WOOD MULCH

NOTE

SEE SHEET L2.0 FOR FULL PLANT SCHEDULE



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21

STATE OF IDAHO
BRUCE W. TAYLOR
LA-222
LICENSED LANDSCAPE ARCHITECT

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

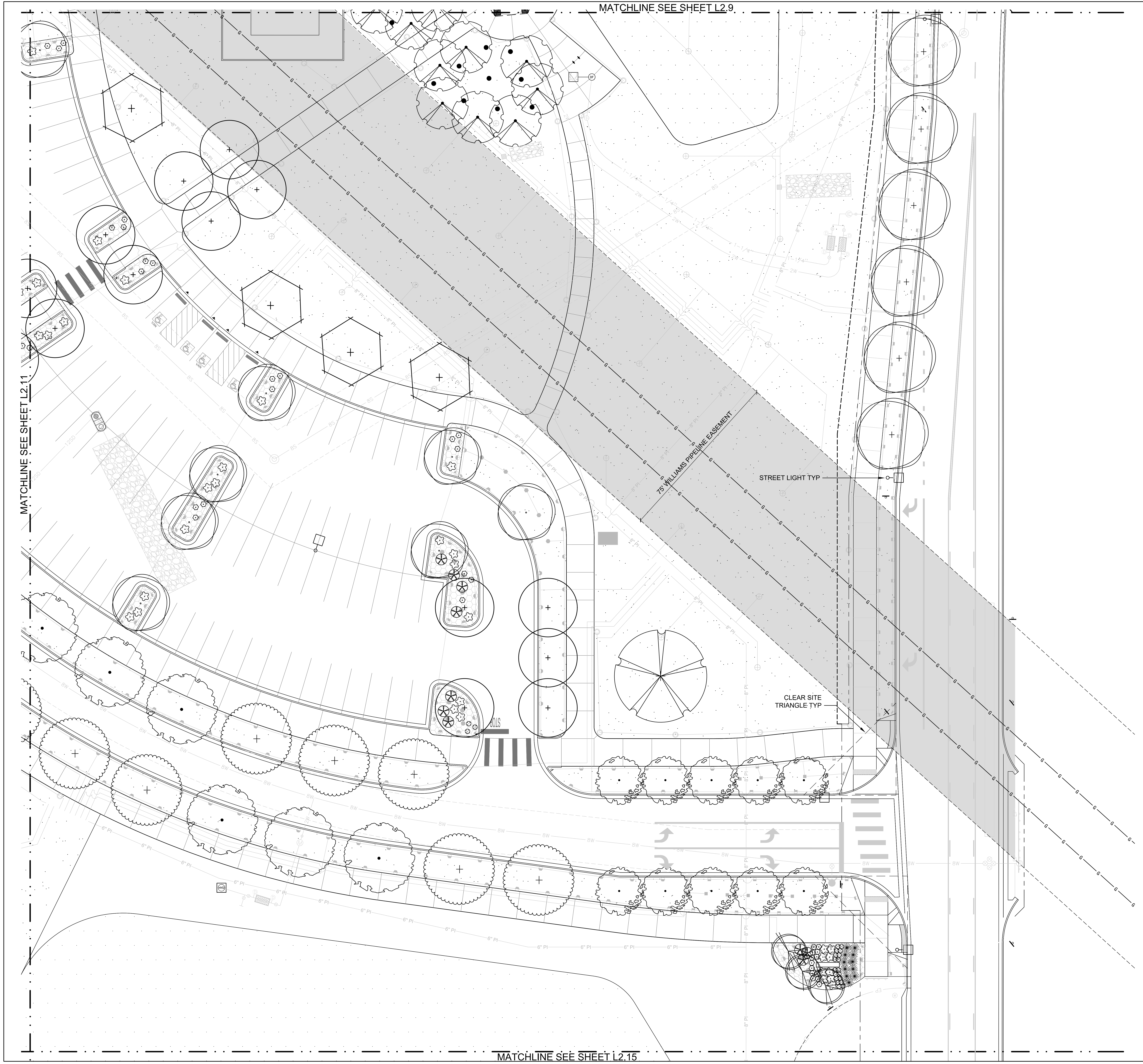
Job Number 1999

Drawn	Checked
JBA	BWT

Scale AS SHOWN

Sheet Title
PLANTING PLAN AREA I

Sheet Number
L2.9
Of Sheets


MATCHLINE SEE SHEET L2.9
MATCHLINE SEE SHEET L2.11
75' WILLIAMS PIPELINE EASEMENT
STREET LIGHT TYP
CLEAR SITE TRIANGLE TYP
MATCHLINE SEE SHEET L2.15

LEGEND

SYM	DESCRIPTION
	DECIDUOUS TREES
	EXISTING TREE - RETAIN AND PROTECT
	GREENSPIRE LITTLELEAF LINDEN
	REDMOND LINDEN
	SKYLINE HONEYLOCUST
	CRIMSON SUNSET MAPLE
	MAGYAR GINKGO
	EMERALD CITY TULIP TREE
	PACIFIC SUNSET MAPLE
	EMERALD SUNSHINE ELM
	WORPLESDON SWEETGUM
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	HIDCOTE BLUE LAVENDER
	HILLSIDE CREEPER SCOTCH PINE
	GRO-LOW FRAGRANT SUMAC
▨	LAWN SEEDING
▨	WOOD MULCH

NOTE

SEE SHEET L2.0 FOR FULL PLANT SCHEDULE

NORTH

0' 20' 40' 60'

SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
CZC	6-23-21
BID SET	9-29-21
ACHD COMMENTS	11-23-21

BRUCE W. TAYLOR
LA-222

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

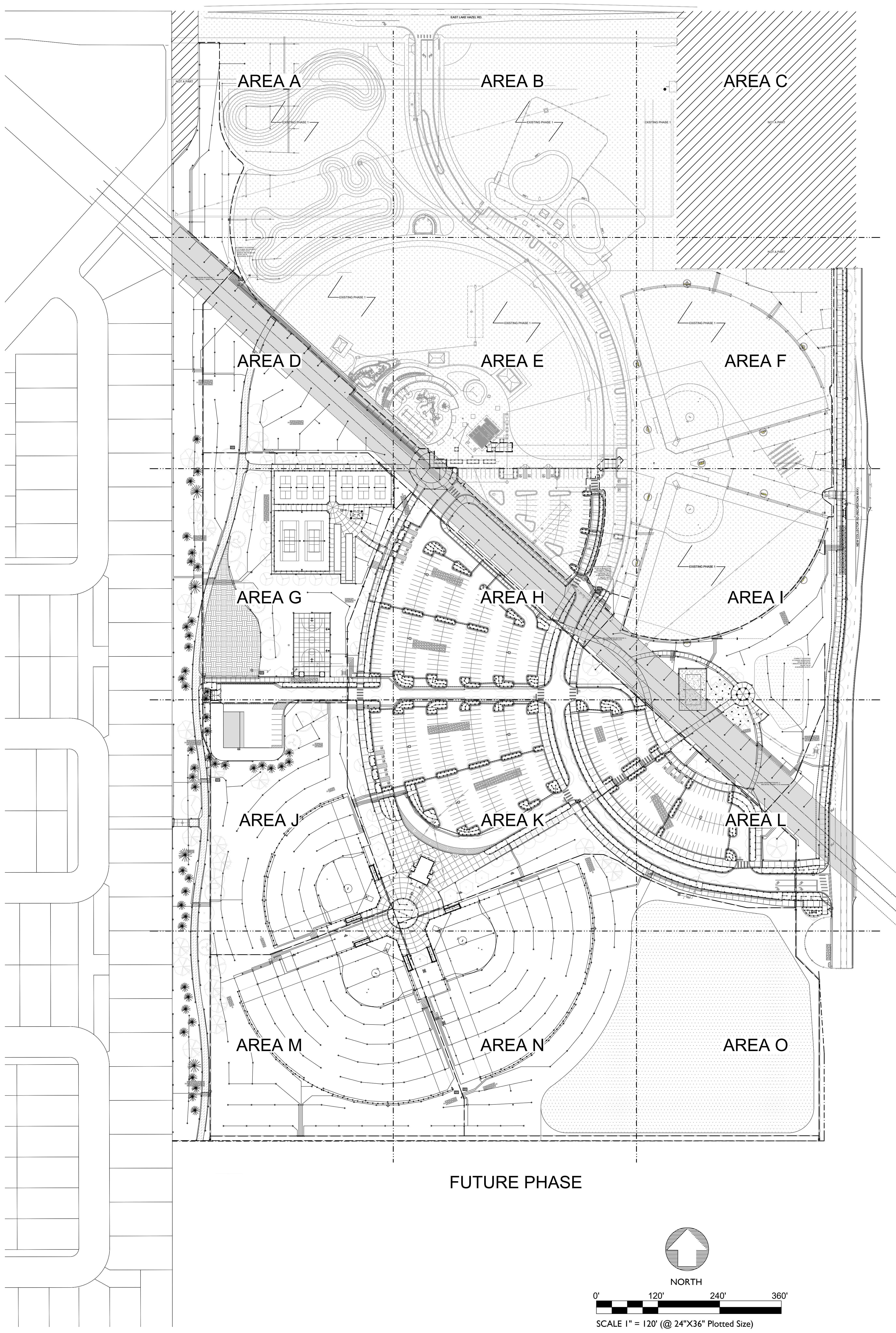
SITE

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN

Sheet Title
PLANTING PLAN
AREA L

Sheet Number
L2.12
Of Sheets



NOTES

1. LOCATE AND PROTECT ALL UTILITIES.
2. ALL WORK WITHIN WILLIAMS PIPELINE EASEMENT SHALL BE COMPLETED WITH THE "WILLIAMS DEVELOPER'S HANDBOOK". MATERIAL FOR TRENCH BACKFILL FROM THE TOP OF PIPE BEDDING TO SUBGRADE SHALL BE TYPE-1 BEDDING CHIPS PER ISPWC SECTION 305.
3. EXISTING WILLIAMS GAS PIPE LOCATIONS AND ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL LOWER CASING DEPTH TO PROVIDE MINIMUM 2-FEET CLEAR BETWEEN THE BOTTOM OF THE LOWEST GAS LINE AND THE TOP OF THE CASING. ALL WORK SHALL BE INCLUDED IN THE BID, INCLUDING ALL FITTINGS - NO SEPARATE PAYMENT SHALL BE MADE.
4. COORDINATE ALL IRRIGATION INSTALLATION OPERATIONS WITH CIVIL, MECHANICAL, AND ELECTRICAL ENGINEERING SHEETS.
5. CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION CONDUIT AND SLEEVES UNDER HARD SURFACES WITH OTHER CONTRACTORS
6. ALL SLEEVES TO BE INSTALLED AS PART OF THE IRRIGATION CONTRACT. APPROXIMATE LOCATION OF SLEEVES ARE SHOWN ON THE IRRIGATION PLAN. FIELD VERIFY LOCATION. ALL ENDS OF SLEEVES TO BE TAPPED OR CAPPED AND MARKED WITH A 2"X4" PAINTED STAKE EXTENDING 24" ABOVE THE GRADE. STAKES ARE NOT TO BE REMOVED UNTIL THE IRRIGATION SYSTEM IS COMPLETE. ALL SLEEVES SHALL EXTEND A MINIMUM OF 18" BEYOND BACK OF CURB OR EDGE OF PAVEMENT. PROVIDE COMPACTED BACKFILL.
7. CONTACTOR TO OBTAIN AND PAY FOR AL PERMITS AND FEES REQUIRED FOR THIS WORK.
8. IRRIGATION CONTROLLERS SHALL BE WIRED TO POWER SUPPLY BY A LICENSED ELECTRICIAN PER LOCAL CODES. IRRIGATION CONTRACTOR TO PROVIDE ALL REQUIRED CONNECTIONS TO 24 VOLT IRRIGATION CONTROL WIRE THROUGH APPROPRIATELY SIZED CONDUITS.
9. ALL ELECTRICAL WORK TO MEET OR EXCEED N.E.C., STATE CODES, LOCAL CODES, AND MANUFACTURER'S RECOMMENDATIONS.
10. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ROCK AND DEBRIS FROUGHT TO THE SURFACE AS A RESULT OF TRENCHING OPERATIONS.
11. CONTRACTOR SHALL REFER TO SPECIFICATIONS AND DETAIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
12. ALL CONTROL WIRE SHALL BE PAIGE ELECTRICAL WIRE 14 GAUGE MIN. PER RAINBIRD SPECIFICATIONS.
13. IRRIGATION CONTRACTOR SHALL PROVIDE AS-BUILT IRRIGATION PLANS UPON COMPLETION OF INSTALLATION AND PRIOR TO FINAL PAYMENT.
14. THE ENTIRE IRRIGATION SYSTEM SHALL BE GUARANTEED TO BE COMPLETE AND PERFECT IN EVERY DETAIL FOR A PERIOD OF ONE YEAR FROM THE DATE OF ITS ACCEPTANCE. REPAIR OR REPLACEMENT OF ANY DEFECTS OCCURRING WITH THAT YEAR SHALL BE FREE OF EXPENSE TO THE OWNER.
15. AS PART OF THIS CONTRACT PERFORM, AT NOT EXTRA COST, WINTERIZATION AND SPRING START UP OF THE SYSTEM DURING GUARANTEE PERIOD.
16. ALL MATERIALS SHALL BE NEW AND WITHOUT FLAWS OR DEFECTS OF THE QUALITY AND PERFORMANCE SPECIFIED, AND SHALL MEET THE REQUIREMENTS OF THIS SYSTEM. USE MATERIALS AS SPECIFIED, NOT SUBSTITUTIONS SHALL BE PERMITED WITHOUT PRIOR WRITEN PERMISSION OF THE OWNER.
17. IRRIGATION CONTRACTOR SHALL MAKE NECESSSARY MINOR FIELD ADJUSMENTS TO SPRINKLER NOZZLES, SPRINKLERS, PIPE AND OTHER IRRIGATION EQUIPMENT LOCATIONS TO FIT THE AS-BUILT SITE. ADJUST HEAD AND PIPE LOCATIONS AS REQUIRED TO AVOID TREES AND DAMAGING ROOTS. ADJUSTMENTS SHALL ENSURE HEAD TO HEAD COVERAGE.
18. IRRIGATION PIPING LAYOUT IS SCHEMATIC. WHERE LINES ARE SHOWN BELOW PAVEMENT ADJACENT TO LANDSCAPE AREAS, THEY ARE TO BE LOCATED IN THE LANDSCAPE AREA UNLESS SHOWN WITH A SLEEVE SYMBOL.
19. LOCATIONS OF EXISTING EQUIPMENT IS SCHEMATIC IN NATURE. FIELD VERIGY ALL BASE AND EXISTING IRRIGATION ELEMENTS AND CONDITIONS PRIOR TO CONSTRUCTION AND PROVIDE NECESSSARY ADJUSTMENTS.
20. IN THE EVENT OF DESCREPANCY, IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT.
21. PROVIDE AND INSTALL GROUNDING ALONG THE TWO-WIRE AND DATA PATH PER MANUFACTURER'S RECOMMENATIONS. GROUND SHALL BE EVERY 500 LINEAL FEET OR EVERY 8 DECODERS, WHICHEVER IS SMALLER. TEST WITH MEGGAR, TEST RESULTS SHALL NOT EXCEED 10 OHMS AT CONTROLLER AND 50 OHMS ON WIRE PATH.
22. CONTRACTOR SHALL SCHEDULE A MEETING WITH LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE PRIOR TO INSTALLATION OF IRRIGATION CONTROL SYSTEM.
23. PIPE VELOCITIES SHALL NOT EXCEED 5.0 FEET PER SECOND.
24. REFER TO SPECIFICATION SECTION 328400 FOR PRODUCT AND INSTALLATION INFORMATION.
25. ALL REMOTE CONTROL VALVE AND DECODER SPLICES TO BE RAINBIRD DB SERIES. ALL SPLICES SHALL BE REVIEWED AND APPROVED BY THE OWNER PRIOR TO SUBSTANTIAL COMPLETION.
26. ALL MAIN LINE FITTINGS SHALL BE LEEMCO DUCTILE IRON PUSH ON TYPE AND ARE TO JOINED USING LEEMCO JOINT RESTRAINT SYSTEMS. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
27. EACH SATELLITE CONTROLLER SHALL HAVE UNIQUE TWO-WIRE PATH. SEE LEGEND FOR COLORS. TWO-WIRE TO BE PAIGE SPEC P7072D-REV 15 #14 WITH 2 PARALLEL CONDUCTORS AND JACKETED FOR RAINBIRD.
28. EXTEND TWO DATA COMMUNICATIONS CABLE PATHS, CCU TO SATELLITE AND SATELLITE TO SATELLITE CONTROLLERS, LINKING E THROUGH J AND BACK TO CCU. PATHS TO BEUSE PAIGE SPEC P7315D-REV 3, 19 AWG 6 PAIR, PE-89. SPLICES AT CONNECTIONS TO EXISTING CABLES TO BE RANGER SUPER SERVISEAL, P/N 07042V-1 ONLY. ALL SPLICES TO BE IN IRRIGATION BOXES WITH MINIMUM 18" LENGTH OF CABLE ON EACH LEG TO BE SPLICED. NO OTHER SPLICING ALLOWED UNLESS IN CONTROLLER PEDESTAL.
29. SATELLITE CONTROLLERS E-J. CONTRACTOR TO PURCHASE CONTROLLER PARTS AND DELIVER TO MERIDIAN PARKS MAINTENANCE. PARKS MAINTENANCE WILL ASSEMBLE SATELLITE CONTROLERS AND DELIVER TO CONTRACTOR FOR INSTALLATION. CONTRACTOR TO INCLUDE BASE, CONDUIT, GROUNDING, CONNECTIONS, ETC. SEE SPECIFICATION 328400 FOR PARTS LIST

VALVE SCHEDULE

ZONE	GPM	VALVE SIZE	ZONE	GPM	VALVE SIZE	ZONE	GPM	VALVE SIZE	ZONE	GPM	VALVE SIZE
A01-34	EXIST		F13	40.5	1-1/2"	G32	37.0	1-1/2"	I21	37.0	1-1/2"
B01-28	EXIST		F14	36.9	1-1/2	H01	37.0	1-1/2	I22	44.4	1-1/2
C01-28	EXIST		F15	35.1	1-1/2	H02	33.3	1-1/2	I23	44.4	1-1/2
D01-30	EXIST		F16	17.0	1	H03	44.4	1-1/2	I24	29.6	1-1/2
D31	38.2	1-1/2"	F17	43.8	1-1/2	H04	44.4	1-1/2	I25	44.4	1-1/2
D32	28.4	1-1/2	F18	49.3	2	H05	29.6	1-1/2	I26	51.8	2
D33	26.5	1-1/2	F19	38.4	1-1/2	H06	44.4	1-1/2	I27	44.4	1-1/2
D34	48.0	2	F20	31.8	1-1/2	H07	44.4	1-1/2	I28	29.6	1-1/2
E01	35.1	1-1/2	F21	40.3	1-1/2	H08	29.6	1-1/2	I29	37.0	1-1/2
E02	44.4	1-1/2	F22	36.9	1-1/2	H09	29.6	1-1/2	I30	37.0	1-1/2
E03	40.7	1-1/2	F23	46.3	1-1/2	H10	44.4	1-1/2	J01	28.1	1-1/2
E04	29.6	1-1/2	F24	43.0	1-1/2	H11	44.4	1-1/2	J02	44.4	1-1/2
E05	44.4	1-1/2	F25	37.3	1-1/2	H12	37.0	1-1/2	J03	42.3	1-1/2
E06	29.6	1-1/2	F26	40.7	1-1/2	H13	44.4	1-1/2	J04	39.4	1-1/2
E07	9.5	1	F27	20.0	1	H14	44.4	1-1/2	J05	45.3	1-1/2
E08	22.2	1	F28	40.6	1-1/2	H15	29.6	1-1/2	J06	36.9	1-1/2
E09	38.8	1-1/2	F29	26.0	1-1/2	H16	44.4	1-1/2	J07	31.5	1-1/2
E10	44.4	1-1/2	F30	32.0	1-1/2	H17	44.4	1-1/2	J08	45.1	1-1/2
E11	37.0	1-1/2	F31	46.2	2	H18	44.4	1-1/2	J09	38.5	1-1/2
E12	51.8	2	F32	45.7	2	H19	51.8	2	J10	33.2	1-1/2
E13	44.4	1-1/2	G01	22.2	1	H20	37.0	1-1/2	J11	31.2	1-1/2
E14	37.0	1-1/2	G02	29.6	1-1/2	H21	29.6	1-1/2	J12	35.4	1-1/2
E15	44.4	1-1/2	G03	29.6	1-1/2	H22	44.4	1-1/2	J13	37.0	1-1/2
E16	44.4	1-1/2	G04	29.6	1-1/2	H23	37.0	1-1/2	J14	30.2	1-1/2
E17	37.0	1-1/2	G05	40.7	1-1/2	H24	37.0	1-1/2	J15	47.2	1-1/2
E18	44.4	1-1/2	G06	44.4	1-1/2	H25	29.6	1-1/2	J16	36.9	1-1/2
E19	44.4	1-1/2	G07	37.0	1-1/2	H26	44.4	1-1/2	J17	40.6	1-1/2
E20	37.0	1-1/2	G08	44.4	1-1/2	H27	44.4	1-1/2	J18	37.0	1-1/2
E21	44.4	1-1/2	G09	44.4	1-1/2	H28	44.4	1-1/2	J19	46.1	1-1/2
E22	44.4	1-1/2	G10	46.1	2	I01	17.1	1	J20	22.2	1
E23	44.4	1-1/2	G11	3.1	1	I02	29.9	1-1/2	J21	33.2	1-1/2
E24	44.4	1-1/2	G12	40.6	1-1/2	I03	44.4	1-1/2	J22	34.9	1-1/2
E25	44.4	1-1/2	G13	40.2	1-1/2	I04	44.4	1-1/2	J23	44.4	1-1/2
E26	44.4	1-1/2	G14	14.0	1	I05	35.8	1-1/2	J24	37.0	1-1/2
E27	35.1	1-1/2	G15	42.6	1-1/2	I06	33.3	1-1/2	J25	44.4	1-1/2
E28	37.0	1-1/2	G16	37.0	1-1/2	I07	44.4	1-1/2	J26	42.3	1-1/2
E29	33.3	1-1/2	G17	47.8	2	I08	44.4	1-1/2	J27	44.4	1-1/2
E30	37.0	1-1/2	G18	44.4	1-1/2	I09	45.3	1-1/2	J28	44.2	1-1/2
E31	37.0	1-1/2	G19	37.0	1-1/2	I10	37.0	1-1/2	J29	42.4	1-1/2
F01	33.1	1-1/2	G20	44.4	1-1/2	I11	44.4	1-1/2	J30	40.6	1-1/2
F02	44.4	1-1/2	G21	37.0	1-1/2	I12	37.0	1-1/2	J31	29.6	1-1/2
F03	25.9	1-1/2	G22	44.4	1-1/2	I13	44.4	1-1/2	J32	44.4	1-1/2
F04	37.0	1-1/2	G23	44.4	1-1/2	I14	44.4	1-1/2	J33	44.4	1-1/2
F05	28.9	1-1/2	G24	44.4	1-1/2	I15	22.2	1	J34	37.0	1-1/2
F06	34.4	1-1/2	G25	44.4	1-1/2	I16	29.6	1-1/2	J35	44.4	1-1/2
F07	26.3	1-1/2	G26	44.4	1-1/2	I17	44.4	1-1/2	J36	43.1	1-1/2
F08	37.3	1-1/2	G27	37.0	1-1/2	I18	33.3	1-1/2	J37	42.7	1-1/2
F09	26.4	1-1/2	G28	37.0	1-1/2	I19	44.4	1-1/2	J38	38.3	1-1/2
F10	41.0	1-1/2	G29	29.6	1-1/2	I20	29.6	1-1/2	J39	38.3	1-1/2
F11	28.5	1-1/2	G30	29.6	1-1/2						
F12	31.4	1-1/2									

Issue Description	Date
BID SET	9-29-21
.	.

BRUCE W. TAYLOR
LA-222

JENSEN**BELTS**
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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

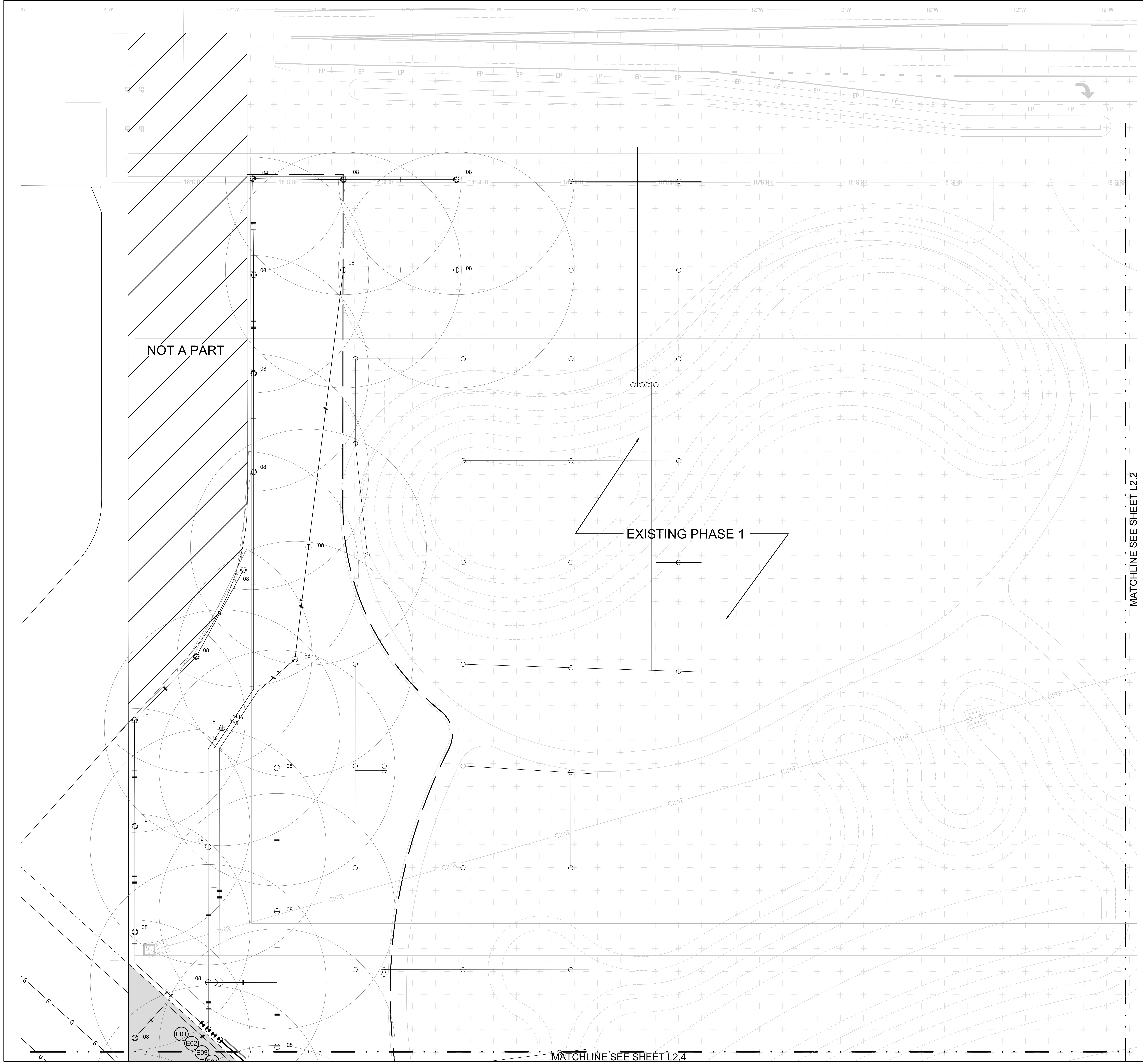
SITE

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN

Sheet Title
OVERALL
IRRIGATION PLAN

Sheet Number
L3.0
Of Sheets



LEGEND

SYM	DESCRIPTION
◎	RAINBIRD 6504-PC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
⊕	RAINBIRD 6504-FC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
❂	RAINBIRD 5004+PCSAMR. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
❂	RAINBIRD 5004+FCSAMR. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
⬣	RAINBIRD 1806-PRS-15. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
⬟	RAINBIRD 1806-PRS-12. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
▬	RAINBIRD 1806-PRS-10. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
◓	RAINBIRD 1806-PRS-8. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
◕	RAINBIRD PESB-PRS-D REMOTE CONTROL VALVE AND ZONE NUMBER WITH TUCOR RKLD-050 DECODER. SEE DETAIL 4, SHEET L3.17. SIZE PER SCHEDULE SHEET L3.0.
⋈	BALL VALVE 2" BALL VALVE IN LIEU OF REMOTE CONTROL VALVE FOR SOFTBALL INFIELD ZONES. SEE DETAIL 4, SHEET L3.17. 2 INCH WATER SERVICE
⋈	2" BALL VALVE FOR WASHING. (9) REQUIRED. SEE DETAIL 3, SHEET L3.18.
⊕	EXISTING REMOTE CONTROL VALVE. RETAIN AND PROTECT.
○	EXISTING POP-UP SPRINKLER. RETAIN AND PROTECT.
◌	EXISTING POP-UP SPRINKLER. REMOVE AND DELIVER TO OWNER.
◩	QUICK COUPLER RAINBIRD 44-RC 1" BRASS. SEE DETAIL 1, SHEET L3.17.
Ⓐ	AIR RELIEF VALVE REUSE SALVAGED VALVES. SEE DETAIL 2, SHEET L3.17.
⋈	DUCTILE IRON ISOLATION VALVE REUSE SALVAGED VALVES WHEN APPLICABLE. SEE DETAIL 1, SHEET L3.18.
┌┐	MAINLINE CAP CAP 3' BEYOND ISOLATION VALVE. LEAVE 10' EXTRA DATA AND 2-WIRE IN 12" ROUND BOX DIRECTLY ABOVE CAP.
NEW SAT-J	RAINBIRD SATELLITE CONTROLLER AND ZONE NO. - NEW. PARTS BY CONTRACTOR, OWNER ASSEMBLY, AND CONTRACTOR INSTALLATION. SEE SPECIFICATION 328400. SEE DETAIL 2, SHEET L3.18.
EXIST SAT-D	EXISTING SATELLITE CONTROLLER AND ZONE. RETAIN AND PROTECT.
——3" PI——	3" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
——6" PI——	6" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
——8" PI——	8" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
——‖——	1" CLASS 200 PVC SOLVENT WELD LATERAL LINE. SEE DETAIL 4, SHEET L3.16.
——‖ ‖——	2" CLASS 200 PVC SOLVENT WELD LATERAL LINE. SEE DETAIL 4, SHEET L3.16.
——8" PI——	STEEL CASING FOR WILLIAMS PIPELINE EASEMENT. SEE SECTION DETAILS SHEET L3.16.
– – – – – –	CLASS 200 PVC SOLVENT WELD SLEEVE. PROVIDE SEPARATE SLEEVE FOR EACH PIPE, DATA CABLE, AND 2-WIRE. SLEEVES SHALL BE TWICE THE SIZE OF PIPE. DATA AND 2-WIRE SLEEVES SHALL BE 3".
——PE89——	PE89 DATA COMMUNICATION CABLE. EXTEND TWO ROUTES AS SHOWN TO COMPLETE CONNECTION BETWEEN EXISTING CCU AND ALL SATELLITE CONTROLLERS.
—— E ——	2-WIRE PATH FOR SATELLITE E. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE ORANGE COLORED WIRE.
—— F ——	2-WIRE PATH FOR SATELLITE F. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE PURPLE COLORED WIRE.
—— G ——	2-WIRE PATH FOR SATELLITE G. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE BROWN COLORED WIRE.
—— H ——	2-WIRE PATH FOR SATELLITE H. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE PINK COLORED WIRE.
—— I ——	2-WIRE PATH FOR SATELLITE I. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE GRAY COLORED WIRE.
—— J ——	2-WIRE PATH FOR SATELLITE J. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE GREEN COLORED WIRE.
——E——	CAP EXISTING LATERAL LINE.
——+——	CONNECT TO EXISTING PVC PIPE.
— — — — —	EXISTING MAINLINE. RETAIN AND PROTECT. SEE PLAN FOR SIZE
————	EXISTING LATERAL LINE. RETAIN AND PROTECT
- - - - - -	EXISTING LATERAL LINE. REMOVE OR ABANDON
▨	WILLIAMS PIPELINE EASEMENT. 75' WIDTH. REFER TO WILLIAMS DEVELOPER'S HANDBOOK FOR CONSTRUCTION GUIDELINES. SEE SECTIONS SHEET L3.16.

NOTE

SEE SHEET L3.0 FOR NOTES

NORTH

0' 20' 40' 60'

SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
BID SET	9-29-21
.	.

BRUCE W. TAYLOR
LA-222

JENSENBELTS
ASSOCIATES
Site Planning
Landscape Architecture
Urban Design

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Landscape Architecture

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

Job Number 1999

Drawn	Checked
JBA	BWT

Scale AS SHOWN

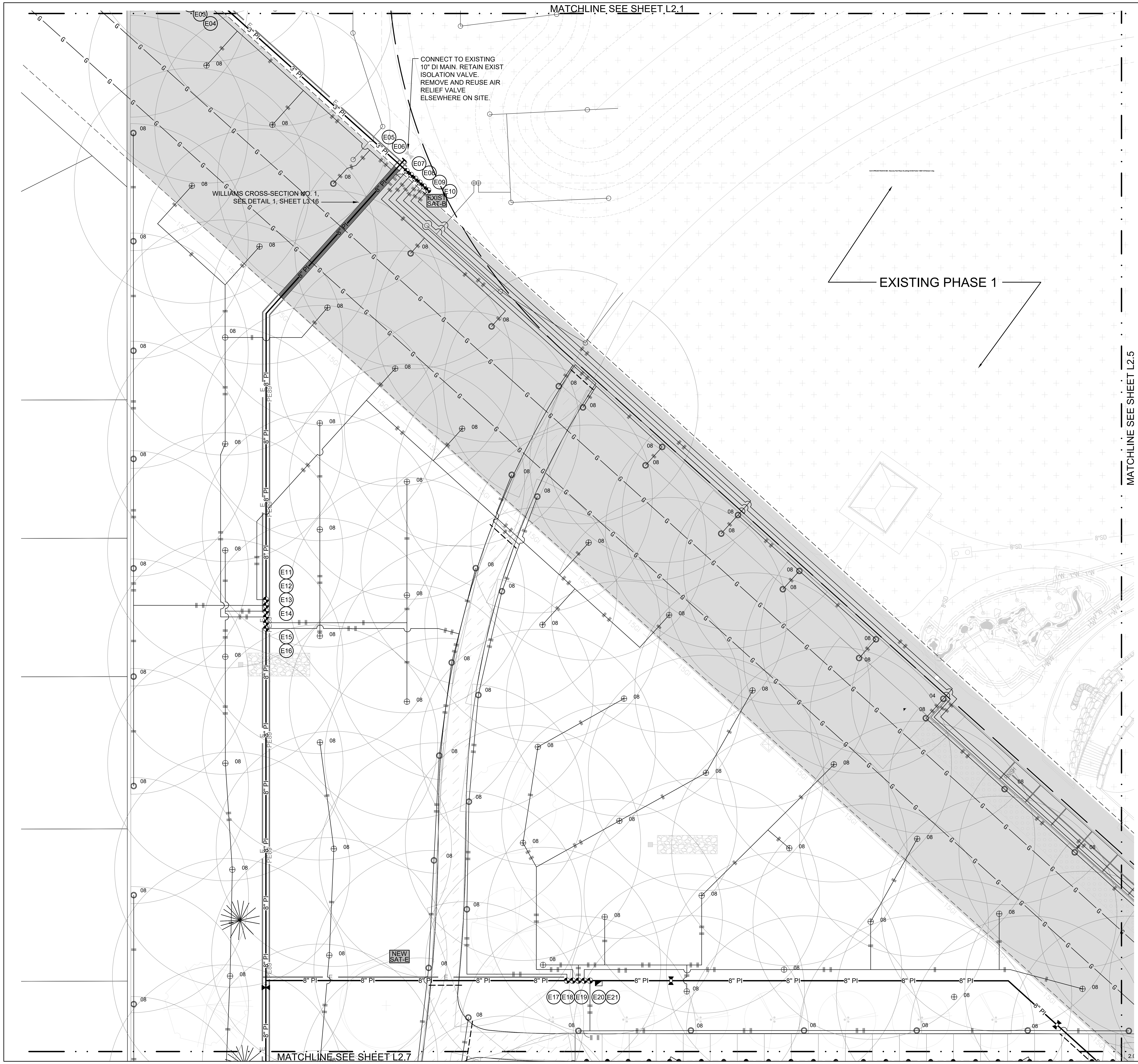
Sheet Title

IRRIGATION PLAN
AREA A

Sheet Number

L3.1

Of Sheets



LEGEND

SYM	DESCRIPTION
◎	RAINBIRD 6504-PC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
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❃	RAINBIRD 5004+PCSAMR. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
❃	RAINBIRD 5004+FCSAMR. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
⬣	RAINBIRD 1806-PRS-15. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
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◓	RAINBIRD 1806-PRS-8. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
◕	RAINBIRD PESB-PRS-D REMOTE CONTROL VALVE AND ZONE NUMBER WITH TUCOR RKLD-050 DECODER. SEE DETAIL 4, SHEET L3.17. SIZE PER SCHEDULE SHEET L3.0.
⋈	BALL VALVE 2" BALL VALVE IN LIEU OF REMOTE CONTROL VALVE FOR SOFTBALL INFIELD ZONES. SEE DETAIL 4, SHEET L3.17.
⋈	2 INCH WATER SERVICE 2" BALL VALVE FOR WASHING. (9) REQUIRED. SEE DETAIL 3, SHEET L3.18.
⊕	EXISTING REMOTE CONTROL VALVE. RETAIN AND PROTECT.
○	EXISTING POP-UP SPRINKLER. RETAIN AND PROTECT.
◌	EXISTING POP-UP SPRINKLER. REMOVE AND DELIVER TO OWNER.
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Ⓐ	AIR RELIEF VALVE REUSE SALVAGED VALVES. SEE DETAIL 2, SHEET L3.17.
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NEW SAT-J	RAINBIRD SATELLITE CONTROLLER AND ZONE NO. - NEW. PARTS BY CONTRACTOR, OWNER ASSEMBLY, AND CONTRACTOR INSTALLATION. SEE SPECIFICATION 328400. SEE DETAIL 2, SHEET L3.18.
EXIST SAT-D	EXISTING SATELLITE CONTROLLER AND ZONE. RETAIN AND PROTECT.
—3" PI—	3" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
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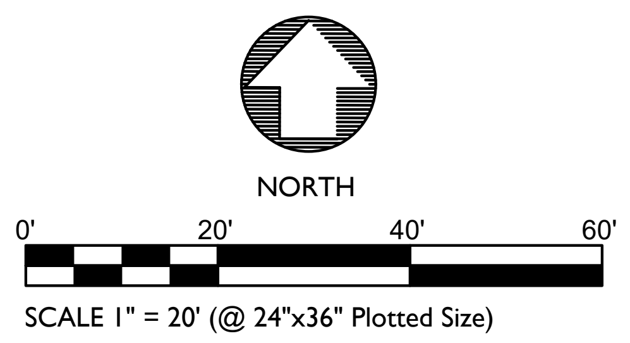
— E —	2-WIRE PATH FOR SATELLITE E. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE ORANGE COLORED WIRE.
— F —	2-WIRE PATH FOR SATELLITE F. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE PURPLE COLORED WIRE.
— G —	2-WIRE PATH FOR SATELLITE G. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE BROWN COLORED WIRE.
— H —	2-WIRE PATH FOR SATELLITE H. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE PINK COLORED WIRE.
— I —	2-WIRE PATH FOR SATELLITE I. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE GRAY COLORED WIRE.
— J —	2-WIRE PATH FOR SATELLITE J. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE GREEN COLORED WIRE.
—E—	CAP EXISTING LATERAL LINE.
—┼—	CONNECT TO EXISTING PVC PIPE.
— — — —	EXISTING MAINLINE. RETAIN AND PROTECT. SEE PLAN FOR SIZE
——	EXISTING LATERAL LINE. RETAIN AND PROTECT
- - - - -	EXISTING LATERAL LINE. REMOVE OR ABANDON
▨	WILLIAMS PIPELINE EASEMENT. 75' WIDTH. REFER TO WILLIAMS DEVELOPER'S HANDBOOK FOR CONSTRUCTION GUIDELINES. SEE SECTIONS SHEET L3.16.

NOTE

SEE SHEET L3.0 FOR NOTES



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
BID SET	9-29-21
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BRUCE W. TAYLOR
LA-222

JENSENBELTS ASSOCIATES
Site Planning
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Urban Design

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642
SITE

Job Number 1999

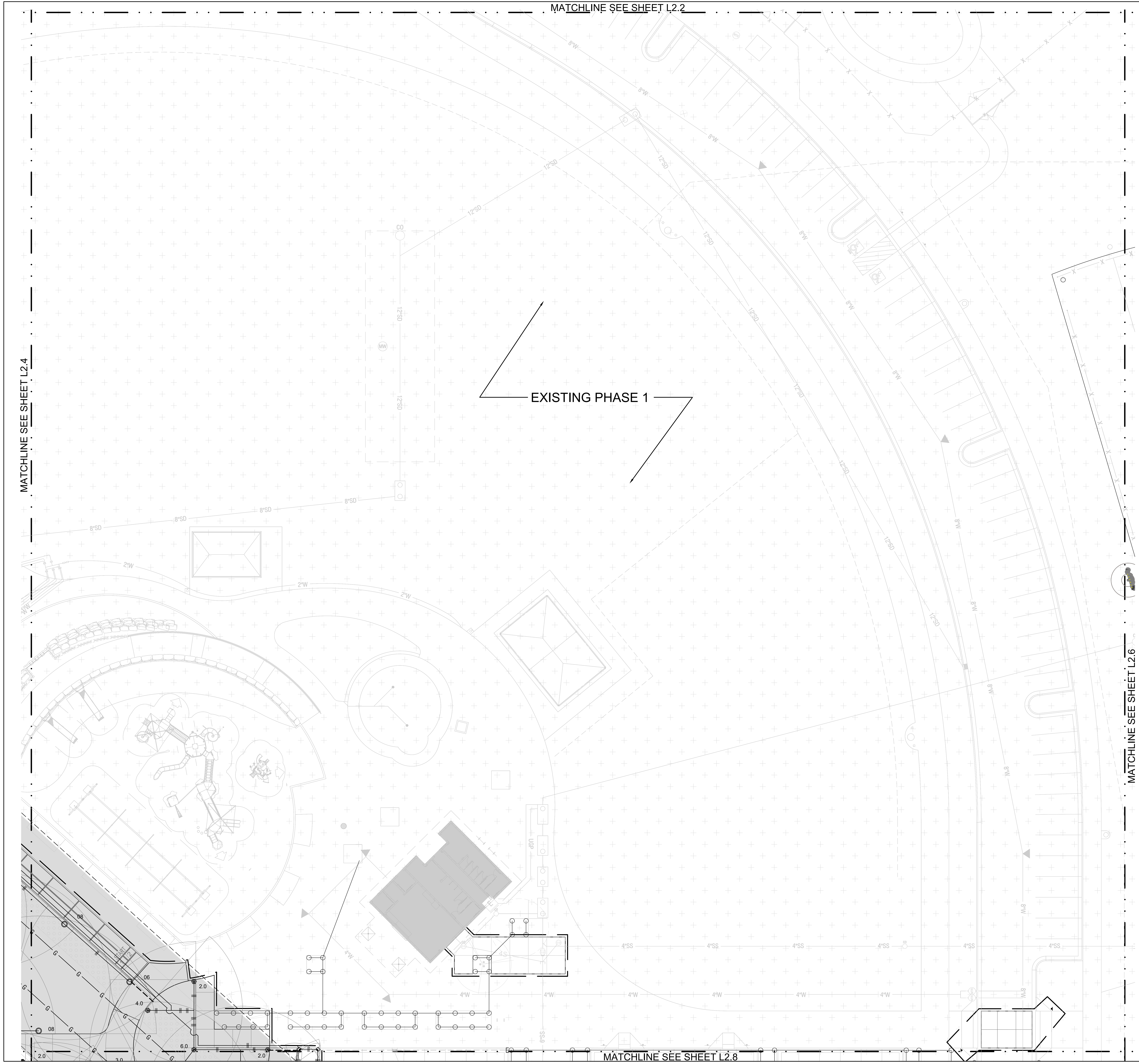
Drawn JBA
Checked BWT
Scale AS SHOWN
Sheet Title

IRRIGATION PLAN AREA D

Sheet Number

L3.4

Of Sheets



LEGEND

SYM	DESCRIPTION
◎	RAINBIRD 6504-PC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
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○	EXISTING POP-UP SPRINKLER. RETAIN AND PROTECT.
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EXIST SAT-D	EXISTING SATELLITE CONTROLLER AND ZONE. RETAIN AND PROTECT.
——3" PI——	3" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
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——E——	CAP EXISTING LATERAL LINE.
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—— —— ——	EXISTING MAINLINE. RETAIN AND PROTECT. SEE PLAN FOR SIZE
————	EXISTING LATERAL LINE. RETAIN AND PROTECT
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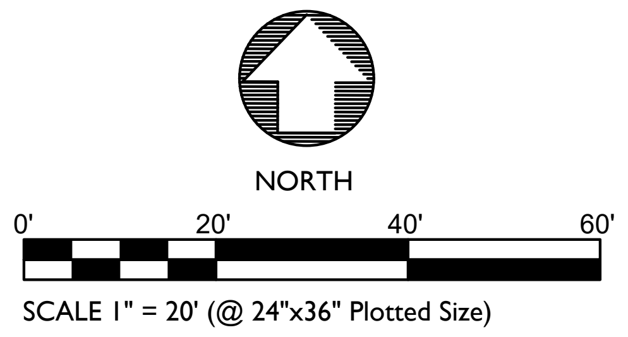
NOTE

SEE SHEET L3.0 FOR NOTES



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
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BRUCE W. TAYLOR
LA-222

JENSENBELTS
ASSOCIATES
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Landscape Architecture
Urban Design

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Landscape Architecture

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DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

Job Number 1999

Drawn	Checked
JBA	BWT
Scale	AS SHOWN

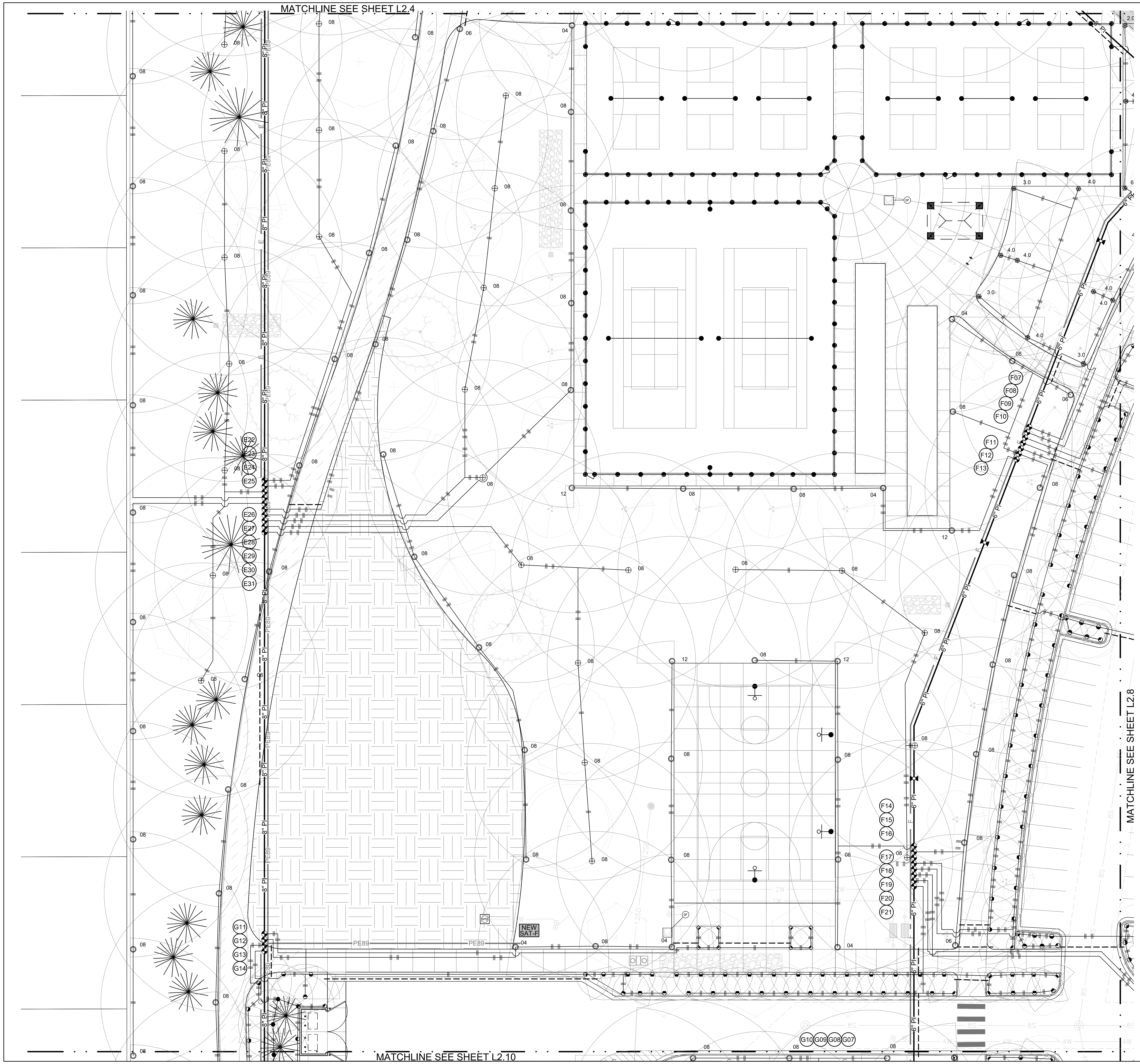
Sheet Title

IRRIGATION PLAN
AREA E

Sheet Number

L3.5

Of Sheets



LEGEND

SYM	DESCRIPTION
◎	RAINBIRD 6504-PC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
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◌	EXISTING POP-UP SPRINKLER. REMOVE AND DELIVER TO OWNER.
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NEW SAT-J	RAINBIRD SATELLITE CONTROLLER AND ZONE NO. - NEW. PARTS BY CONTRACTOR, OWNER ASSEMBLY, AND CONTRACTOR INSTALLATION. SEE SPECIFICATION 328400. SEE DETAIL 2, SHEET L3.18.
EXIST SAT-D	EXISTING SATELLITE CONTROLLER AND ZONE. RETAIN AND PROTECT.
——3" PI——	3" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
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————	EXISTING LATERAL LINE. RETAIN AND PROTECT
- - - - - -	EXISTING LATERAL LINE. REMOVE OR ABANDON
▒	WILLIAMS PIPELINE EASEMENT. 75' WIDTH. REFER TO WILLIAMS DEVELOPER'S HANDBOOK FOR CONSTRUCTION GUIDELINES. SEE SECTIONS SHEET L3.16.

NOTE

SEE SHEET L3.0 FOR NOTES

NORTH

0' 20' 40' 60'

SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
BID SET	9-29-21
.	.

BRUCE W. TAYLOR
LA-222

JENSENBELTS
ASSOCIATES
Site Planning
Landscape Architecture
Urban Design

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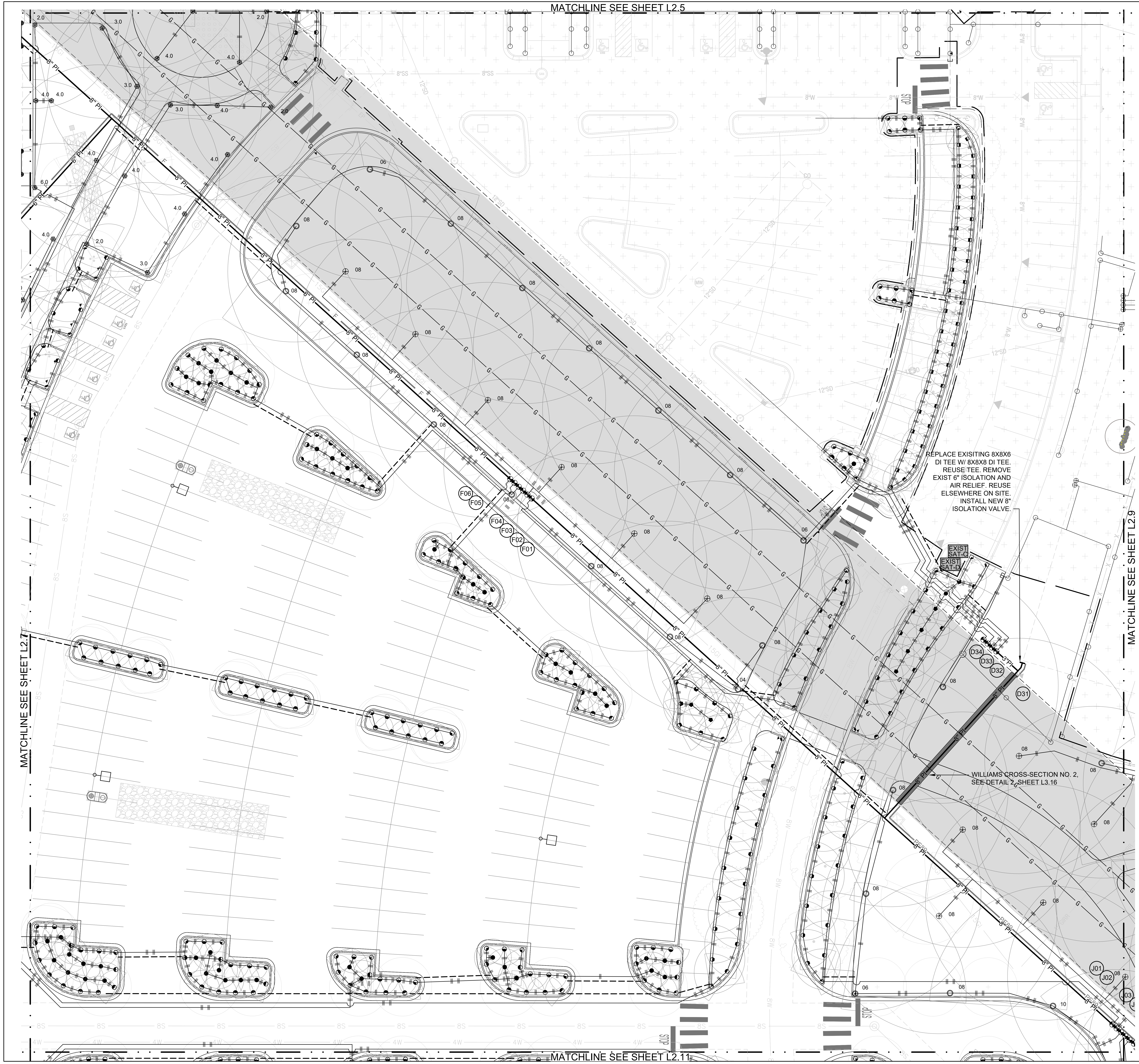
MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642
SITE

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN
Sheet Title
IRRIGATION PLAN AREA G

Sheet Number
L3.7
Of Sheets

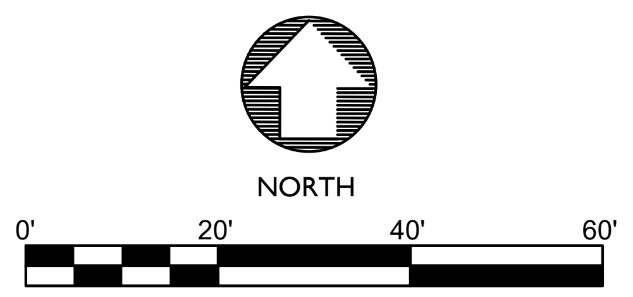

MATCHLINE SEE SHEET L2.5
MATCHLINE SEE SHEET L2.7
MATCHLINE SEE SHEET L2.9
MATCHLINE SEE SHEET L2.11
REPLACE EXISITING 8X8X6 DI TEE W/ 8X8X8 DI TEE. REUSE TEE. REMOVE EXIST 6" ISOLATION AND AIR RELIEF. REUSE ELSEWHERE ON SITE. INSTALL NEW 8" ISOLATION VALVE.
EXIST SAT-C
EXIST SAT-D
WILLIAMS CROSS-SECTION NO. 2, SEE DETAIL 2, SHEET L3.16
F06
F05
F04
F03
F02
F01
D34
D33
D32
D31
J01
J02
J03
8" PI
6" PI
STOP

LEGEND

SYM	DESCRIPTION
◎	RAINBIRD 6504-PC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
⊕	RAINBIRD 6504-FC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
❂	RAINBIRD 5004+PCSAMR. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
❂	RAINBIRD 5004+FCSAMR. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
⬣	RAINBIRD 1806-PRS-15. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
⬟	RAINBIRD 1806-PRS-12. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
▬	RAINBIRD 1806-PRS-10. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
◓	RAINBIRD 1806-PRS-8. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
◕	RAINBIRD PESB-PRS-D REMOTE CONTROL VALVE AND ZONE NUMBER WITH TUCOR RKLD-050 DECODER. SEE DETAIL 4, SHEET L3.17. SIZE PER SCHEDULE SHEET L3.0.
⧓	BALL VALVE 2" BALL VALVE IN LIEU OF REMOTE CONTROL VALVE FOR SOFTBALL INFIELD ZONES. SEE DETAIL 4, SHEET L3.17.
⋈	2 INCH WATER SERVICE 2" BALL VALVE FOR WASHING. (9) REQUIRED. SEE DETAIL 3, SHEET L3.18.
⊕	EXISTING REMOTE CONTROL VALVE. RETAIN AND PROTECT.
○	EXISTING POP-UP SPRINKLER. RETAIN AND PROTECT.
◌	EXISTING POP-UP SPRINKLER. REMOVE AND DELIVER TO OWNER.
◪	QUICK COUPLER RAINBIRD 44-RC 1" BRASS. SEE DETAIL 1, SHEET L3.17.
Ⓐ	AIR RELIEF VALVE REUSE SALVAGED VALVES. SEE DETAIL 2, SHEET L3.17.
⧓	DUCTILE IRON ISOLATION VALVE REUSE SALVAGED VALVES WHEN APPLICABLE. SEE DETAIL 1, SHEET L3.18.
┌┴┐	MAINLINE CAP CAP 3' BEYOND ISOLATION VALVE. LEAVE 10' EXTRA DATA AND 2-WIRE IN 12" ROUND BOX DIRECTLY ABOVE CAP.
NEW SAT-J	RAINBIRD SATELLITE CONTROLLER AND ZONE NO. - NEW. PARTS BY CONTRACTOR, OWNER ASSEMBLY, AND CONTRACTOR INSTALLATION. SEE SPECIFICATION 328400. SEE DETAIL 2, SHEET L3.18.
EXIST SAT-D	EXISTING SATELLITE CONTROLLER AND ZONE. RETAIN AND PROTECT.
—3" PI—	3" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
—6" PI—	6" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
—8" PI—	8" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
——⫴——	1" CLASS 200 PVC SOLVENT WELD LATERAL LINE. SEE DETAIL 4, SHEET L3.16.
——⫴ ⫴——	2" CLASS 200 PVC SOLVENT WELD LATERAL LINE. SEE DETAIL 4, SHEET L3.16.
▬8" PI▬	STEEL CASING FOR WILLIAMS PIPELINE EASEMENT. SEE SECTION DETAILS SHEET L3.16.
– – – – – –	CLASS 200 PVC SOLVENT WELD SLEEVE. PROVIDE SEPARATE SLEEVE FOR EACH PIPE, DATA CABLE, AND 2-WIRE. SLEEVES SHALL BE TWICE THE SIZE OF PIPE. DATA AND 2-WIRE SLEEVES SHALL BE 3".
—PE89—	PE89 DATA COMMUNICATION CABLE. EXTEND TWO ROUTES AS SHOWN TO COMPLETE CONNECTION BETWEEN EXISTING CCU AND ALL SATELLITE CONTROLLERS.
— E —	2-WIRE PATH FOR SATELLITE E. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE ORANGE COLORED WIRE.
— F —	2-WIRE PATH FOR SATELLITE F. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE PURPLE COLORED WIRE.
— G —	2-WIRE PATH FOR SATELLITE G. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE BROWN COLORED WIRE.
— H —	2-WIRE PATH FOR SATELLITE H. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE PINK COLORED WIRE.
— I —	2-WIRE PATH FOR SATELLITE I. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE GRAY COLORED WIRE.
— J —	2-WIRE PATH FOR SATELLITE J. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE GREEN COLORED WIRE.
——[——	CAP EXISTING LATERAL LINE.
——|——	CONNECT TO EXISTING PVC PIPE.
— — — —	EXISTING MAINLINE. RETAIN AND PROTECT. SEE PLAN FOR SIZE
————	EXISTING LATERAL LINE. RETAIN AND PROTECT
- - - - - -	EXISTING LATERAL LINE. REMOVE OR ABANDON
▨	WILLIAMS PIPELINE EASEMENT. 75' WIDTH. REFER TO WILLIAMS DEVELOPER'S HANDBOOK FOR CONSTRUCTION GUIDELINES. SEE SECTIONS SHEET L3.16.

NOTE

SEE SHEET L3.0 FOR NOTES



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
BID SET	9-29-21
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STATE OF IDAHO
BRUCE W. TAYLOR
LA-222
LICENSED LANDSCAPE ARCHITECT

JENSEN**BELTS**
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Site Planning
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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

PLANTING PLAN

Job Number 1999

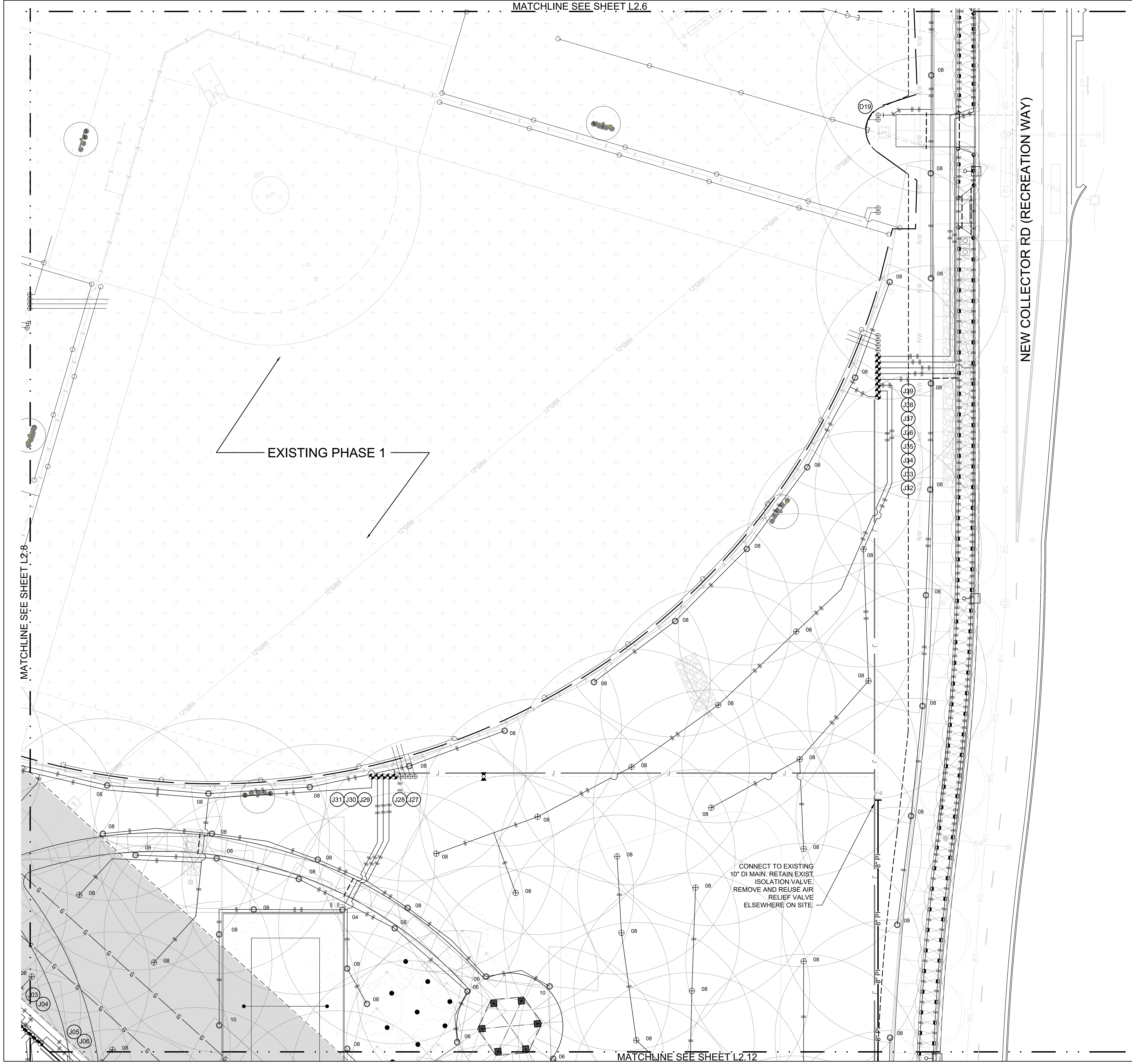
Drawn JBA
Checked BWT
Scale AS SHOWN
Sheet Title

IRRIGATION PLAN
AREA H

Sheet Number

L3.8

Of Sheets



CONNECT TO EXISTING 10" DI MAIN: RETAIN EXIST ISOLATION VALVE. REMOVE AND REUSE AIR RELIEF VALVE ELSEWHERE ON SITE.

LEGEND

SYM	DESCRIPTION
◎	RAINBIRD 6504-PC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
⊕	RAINBIRD 6504-FC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
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◓	RAINBIRD 1806-PRS-8. SEE DETAIL 6, SHEET L3.16. SEE PLAN FOR PATTERN. USE MPR FOR QUARTER, HALF, AND FULL. USE VAN FOR OTHER PATTERNS.
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⋈	BALL VALVE 2" BALL VALVE IN LIEU OF REMOTE CONTROL VALVE FOR SOFTBALL INFIELD ZONES. SEE DETAIL 4, SHEET L3.17.
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⊕	EXISTING REMOTE CONTROL VALVE. RETAIN AND PROTECT.
○	EXISTING POP-UP SPRINKLER. RETAIN AND PROTECT.
◌	EXISTING POP-UP SPRINKLER. REMOVE AND DELIVER TO OWNER.
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H	2-WIRE PATH FOR SATELLITE H. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE PINK COLORED WIRE.
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─E─	CAP EXISTING LATERAL LINE.
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— — —	EXISTING MAINLINE. RETAIN AND PROTECT. SEE PLAN FOR SIZE
───	EXISTING LATERAL LINE. RETAIN AND PROTECT
- - -	EXISTING LATERAL LINE. REMOVE OR ABANDON
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NOTE

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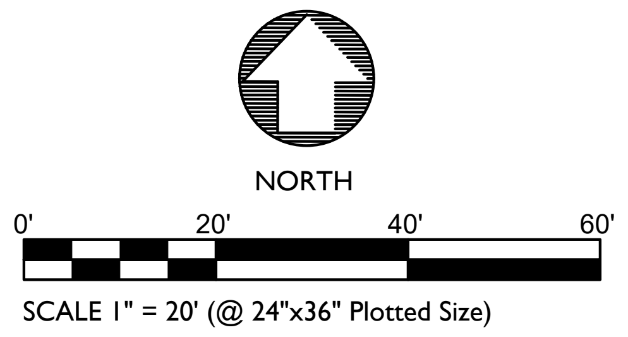

SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
BID SET	9-29-21
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BRUCE W. TAYLOR
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JENSENBELTS
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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

Job Number 1999

Drawn	Checked
JBA	BWT

Scale AS SHOWN

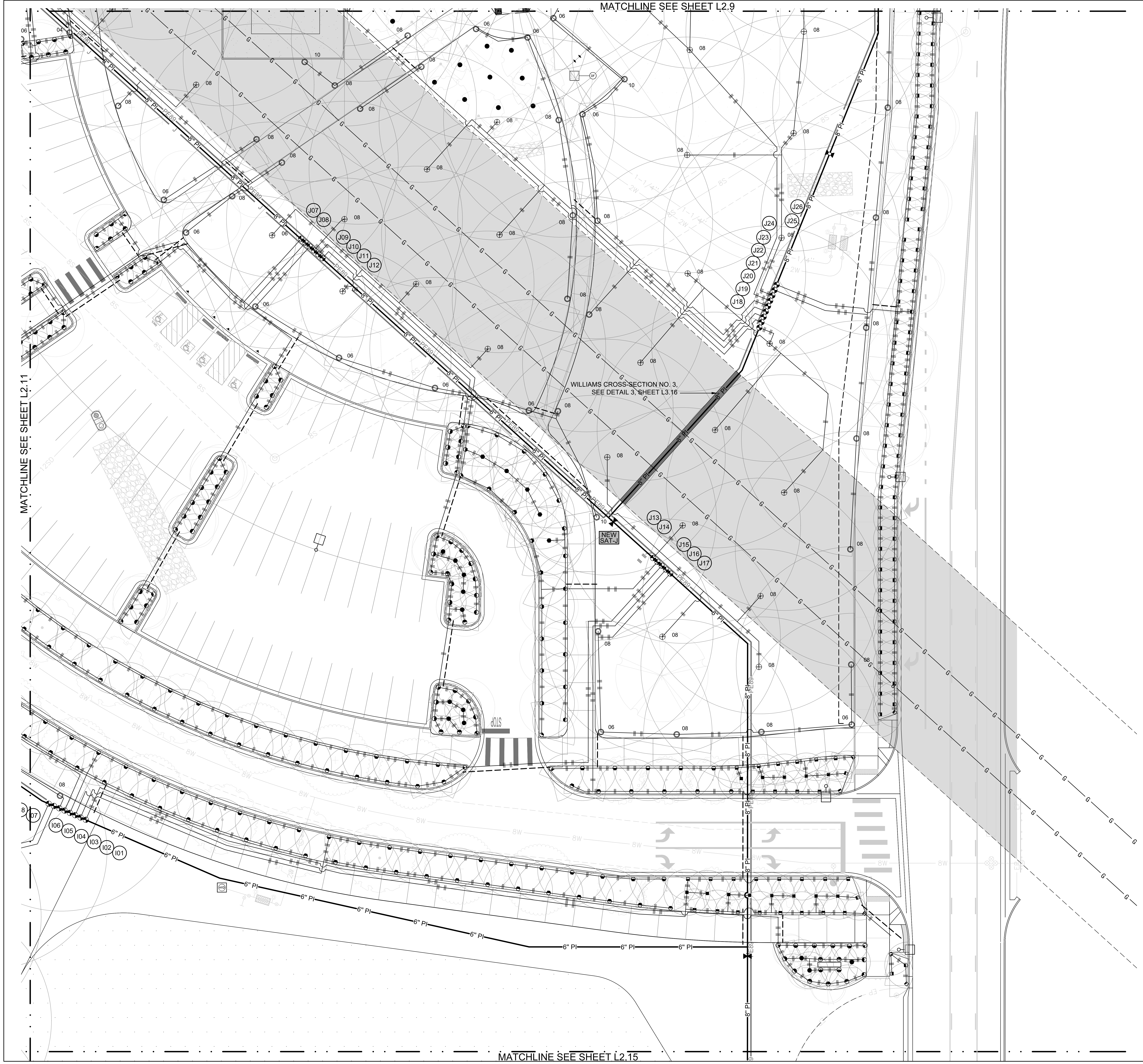
Sheet Title

IRRIGATION PLAN AREA I

Sheet Number

L3.9

Of Sheets



LEGEND

SYM	DESCRIPTION
◎	RAINBIRD 6504-PC. SEE DETAIL 5, SHEET L3.16. NOZZLE SIZE PER PLAN.
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○	EXISTING POP-UP SPRINKLER. RETAIN AND PROTECT.
◌	EXISTING POP-UP SPRINKLER. REMOVE AND DELIVER TO OWNER.
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⧓	DUCTILE IRON ISOLATION VALVE REUSE SALVAGED VALVES WHEN APPLICABLE. SEE DETAIL 1, SHEET L3.18.
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EXIST SAT-D	EXISTING SATELLITE CONTROLLER AND ZONE. RETAIN AND PROTECT.
3" PI	3" CLASS 200 PVC GASKETED MAIN LINE. LEEMCO DUCTILE IRON FITTINGS WITH RESTRAINTS ALL INTERSECTIONS AND TURNS OF DIRECTION. SEE TRENCHING AND RESTRAINT DETAILS.
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─╫╫─	2" CLASS 200 PVC SOLVENT WELD LATERAL LINE. SEE DETAIL 4, SHEET L3.16.
8" PI	STEEL CASING FOR WILLIAMS PIPELINE EASEMENT. SEE SECTION DETAILS SHEET L3.16.
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I	2-WIRE PATH FOR SATELLITE I. LETTER CORRESPONDS TO SATELLITE ZONE NUMBER FOR CCU COMMUNICATION. USE GRAY COLORED WIRE.
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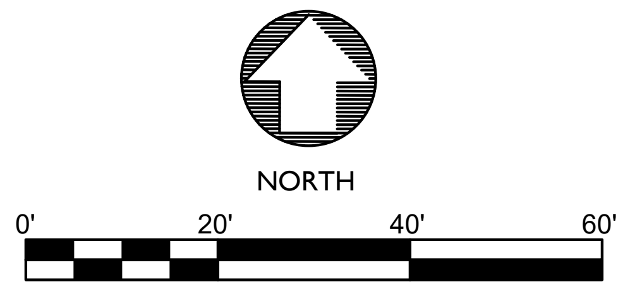
─E─	CAP EXISTING LATERAL LINE.
─┼─	CONNECT TO EXISTING PVC PIPE.
— — —	EXISTING MAINLINE. RETAIN AND PROTECT. SEE PLAN FOR SIZE
───	EXISTING LATERAL LINE. RETAIN AND PROTECT
- - -	EXISTING LATERAL LINE. REMOVE OR ABANDON
▨	WILLIAMS PIPELINE EASEMENT. 75' WIDTH. REFER TO WILLIAMS DEVELOPER'S HANDBOOK FOR CONSTRUCTION GUIDELINES. SEE SECTIONS SHEET L3.16.

NOTE

SEE SHEET L3.0 FOR NOTES



SCALE 1" = 20' (@ 24"x36" Plotted Size)

Issue Description	Date
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BRUCE W. TAYLOR
LA-222

JENSENBELTS
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Site Planning
Landscape Architecture
Urban Design

Site Planning
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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

SITE

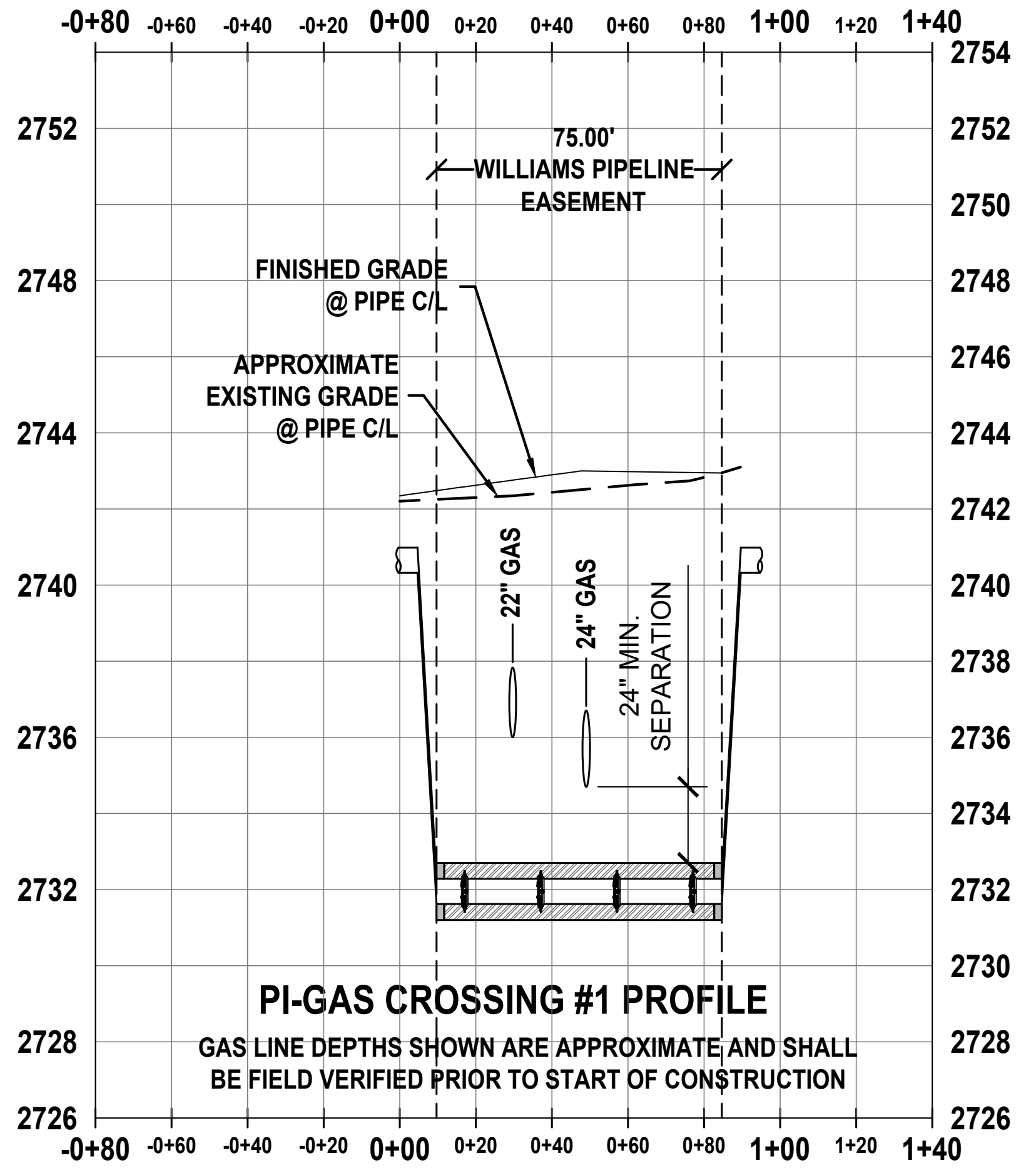
Job Number 1999

Drawn	Checked
JBA	BWT
Scale	AS SHOWN

Sheet Title
IRRIGATION PLAN AREA L

Sheet Number
L3.12
Of Sheets

NOTES:
- 18" STEEL CASING WITH RUBBER BOOTS AT ENDS TO SEAL.
- 8" CL 200 GASKETED PRESSURE IRRIGATION WITH LEEMCO LPP RESTRAINTS. USE PLASTIC SKIDS TO CENTER PIPE IN CASING.
- INCLUDE (2) 3" CL 200 PVC SOLVENT WELD SLEEVES AT BOTTOM OF TRENCH FOR IRRIGATION LOW VOLTAGE COMMUNICATION WIRES.


-0+80
-0+60
-0+40
-0+20
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1+40
2754
2752
2750
2748
2746
2744
2742
2740
2738
2736
2734
2732
2730
2728
2726
75.00'
WILLIAMS PIPELINE EASEMENT
FINISHED GRADE @ PIPE C/L
APPROXIMATE EXISTING GRADE @ PIPE C/L
22" GAS
24" GAS
24" MIN. SEPARATION
PI-GAS CROSSING #1 PROFILE
GAS LINE DEPTHS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO START OF CONSTRUCTION

1 WILLIAMS CROSS-SECTION #1

NOT TO SCALE

NOTES:
- 18" STEEL CASING WITH RUBBER BOOTS AT ENDS TO SEAL.
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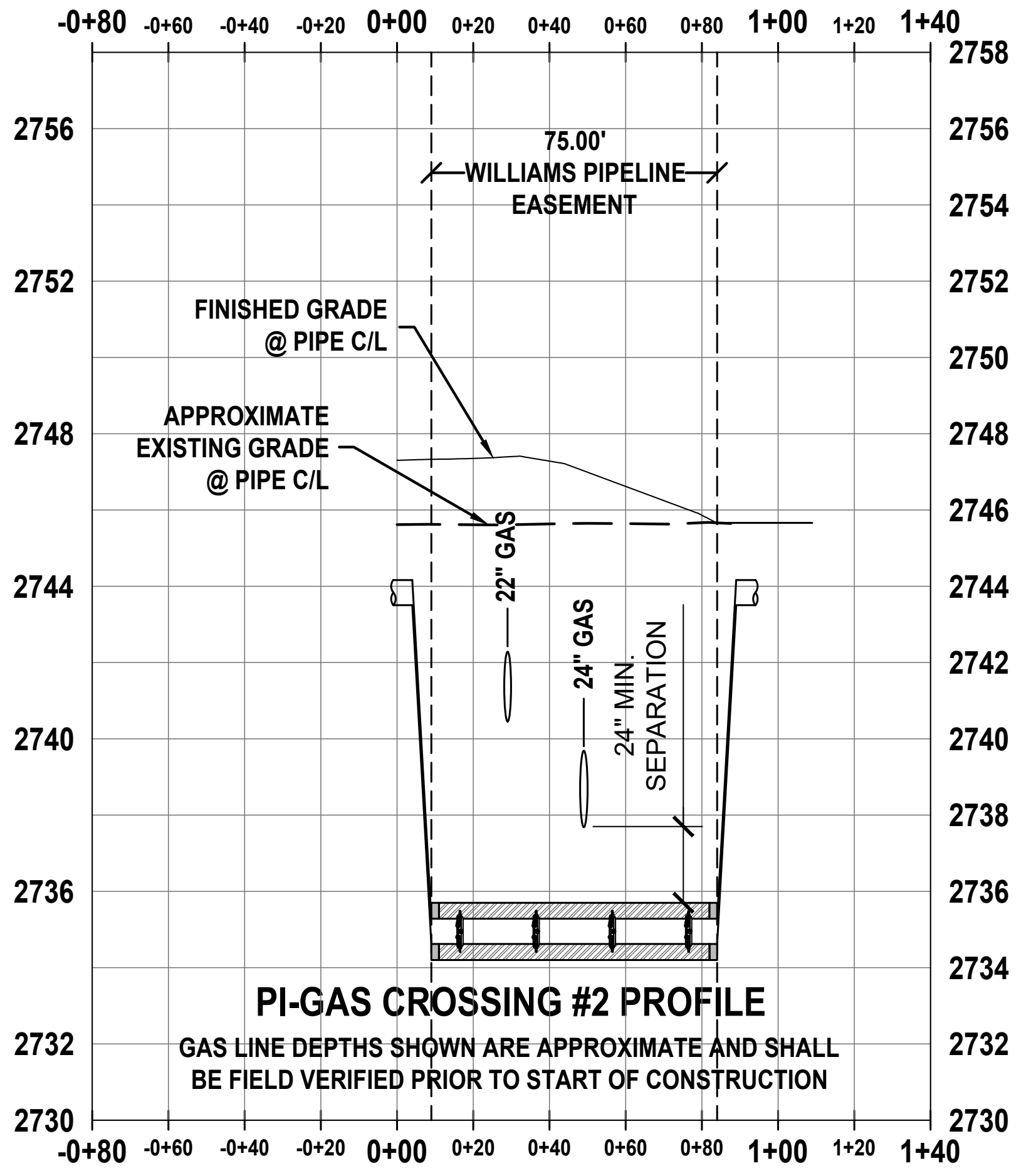
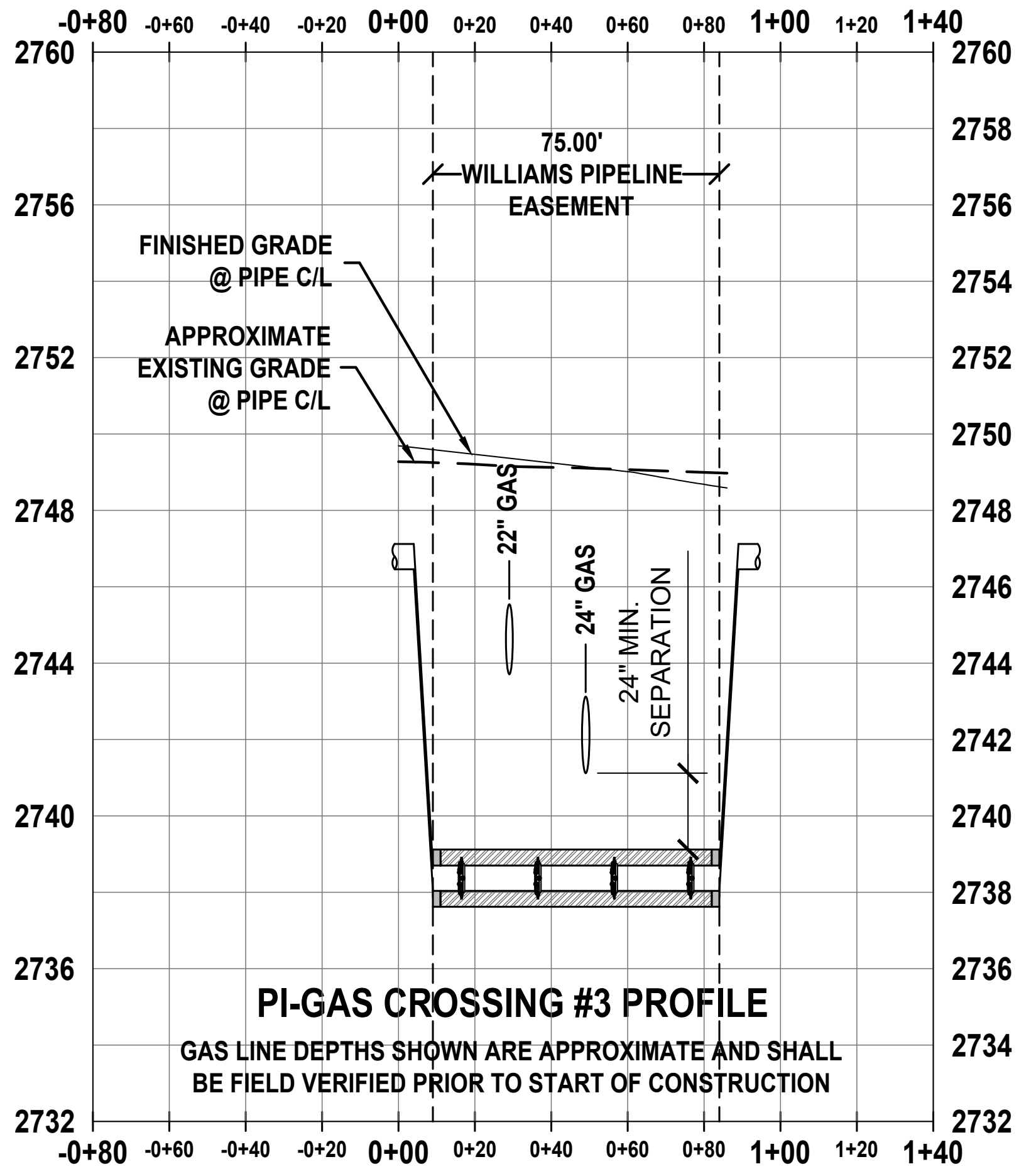

-0+80
-0+60
-0+40
-0+20
0+00
0+20
0+40
0+60
0+80
1+00
1+20
1+40
2756
2752
2748
2744
2740
2736
2732
2730
2758
2756
2754
2752
2750
2748
2746
2744
2742
2740
2738
2736
2734
2732
2730
75.00'
WILLIAMS PIPELINE EASEMENT
FINISHED GRADE @ PIPE C/L
APPROXIMATE EXISTING GRADE @ PIPE C/L
22" GAS
24" GAS
24" MIN. SEPARATION
PI-GAS CROSSING #2 PROFILE
GAS LINE DEPTHS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO START OF CONSTRUCTION

2 WILLIAMS CROSS-SECTION #2

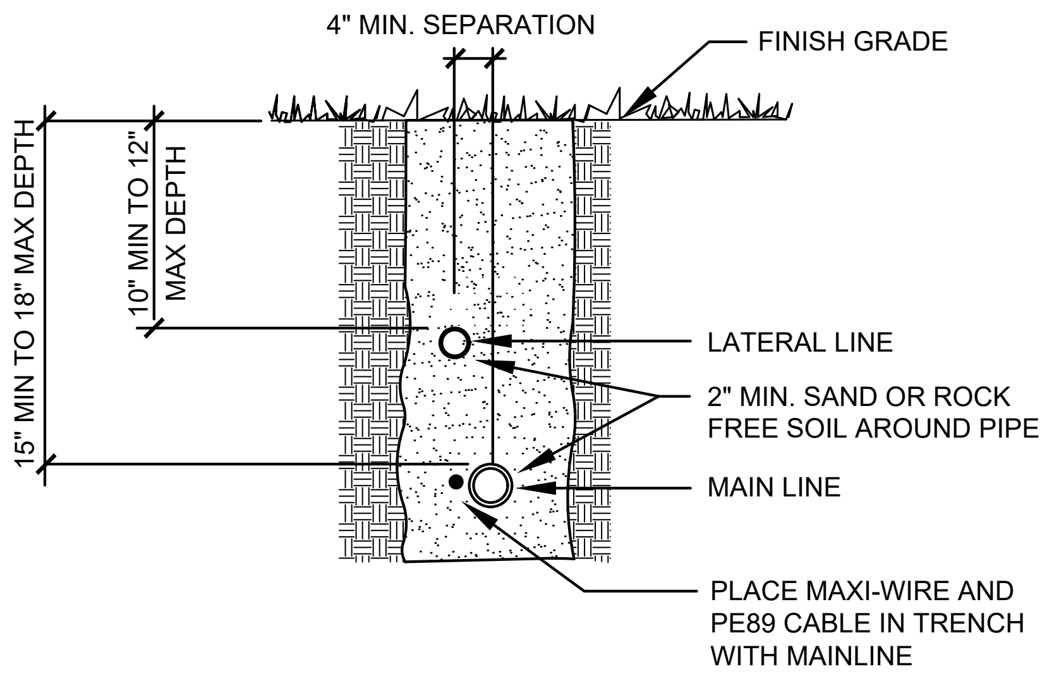
NOT TO SCALE

NOTES:
- 18" STEEL CASING WITH RUBBER BOOTS AT ENDS TO SEAL.
- 8" CL 200 GASKETED PRESSURE IRRIGATION WITH LEEMCO LPP RESTRAINTS. USE PLASTIC SKIDS TO CENTER PIPE IN CASING.
- INCLUDE (2) 3" CL 200 PVC SOLVENT WELD SLEEVES AT BOTTOM OF TRENCH FOR IRRIGATION LOW VOLTAGE COMMUNICATION WIRES.


-0+80
-0+60
-0+40
-0+20
0+00
0+20
0+40
0+60
0+80
1+00
1+20
1+40
2760
2756
2752
2748
2744
2740
2736
2732
2760
2758
2756
2754
2752
2750
2748
2746
2744
2742
2740
2738
2736
2734
2732
75.00'
WILLIAMS PIPELINE EASEMENT
FINISHED GRADE @ PIPE C/L
APPROXIMATE EXISTING GRADE @ PIPE C/L
22" GAS
24" GAS
24" MIN. SEPARATION
PI-GAS CROSSING #3 PROFILE
GAS LINE DEPTHS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO START OF CONSTRUCTION

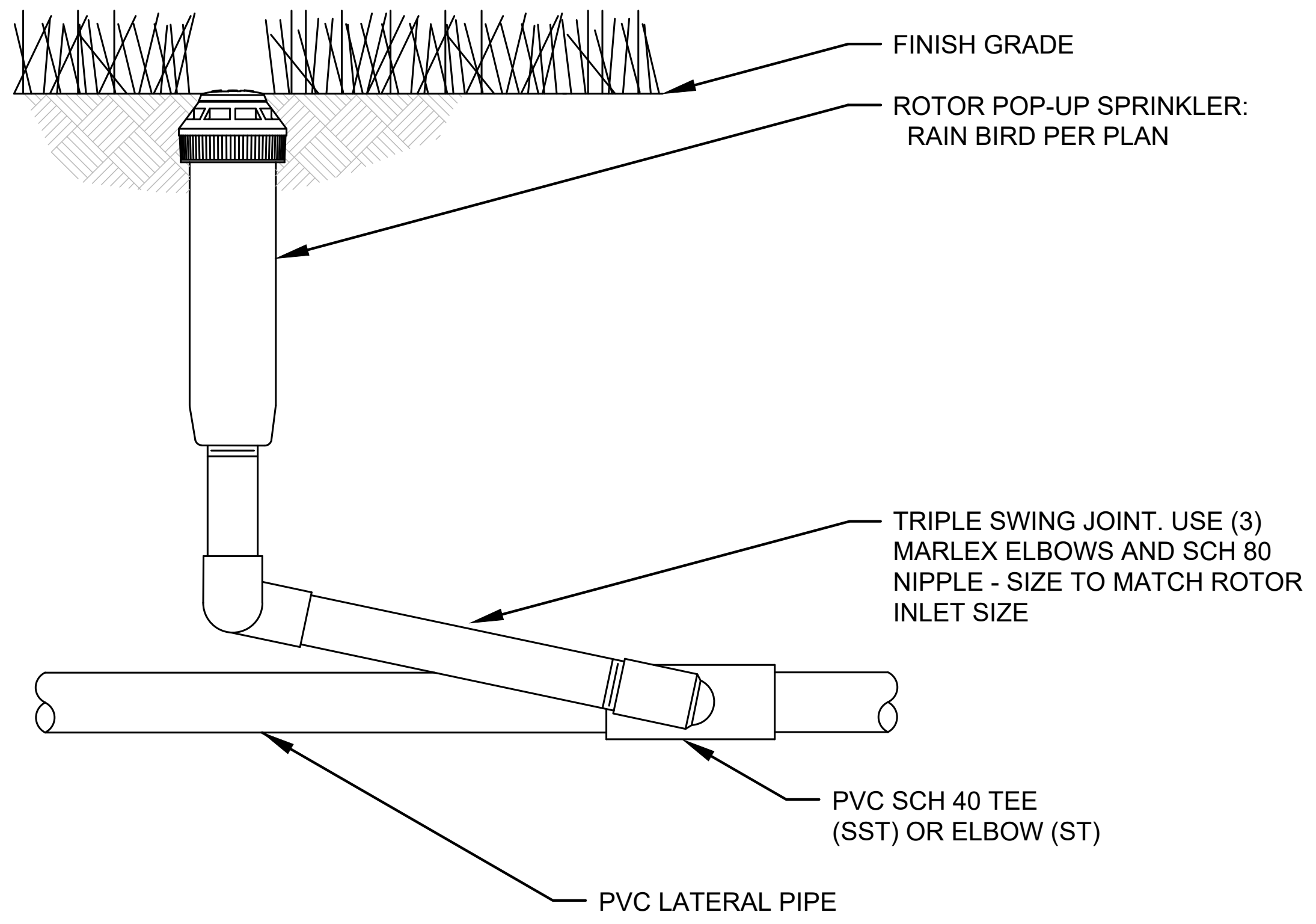
3 WILLIAMS CROSS-SECTION #3

NOT TO SCALE



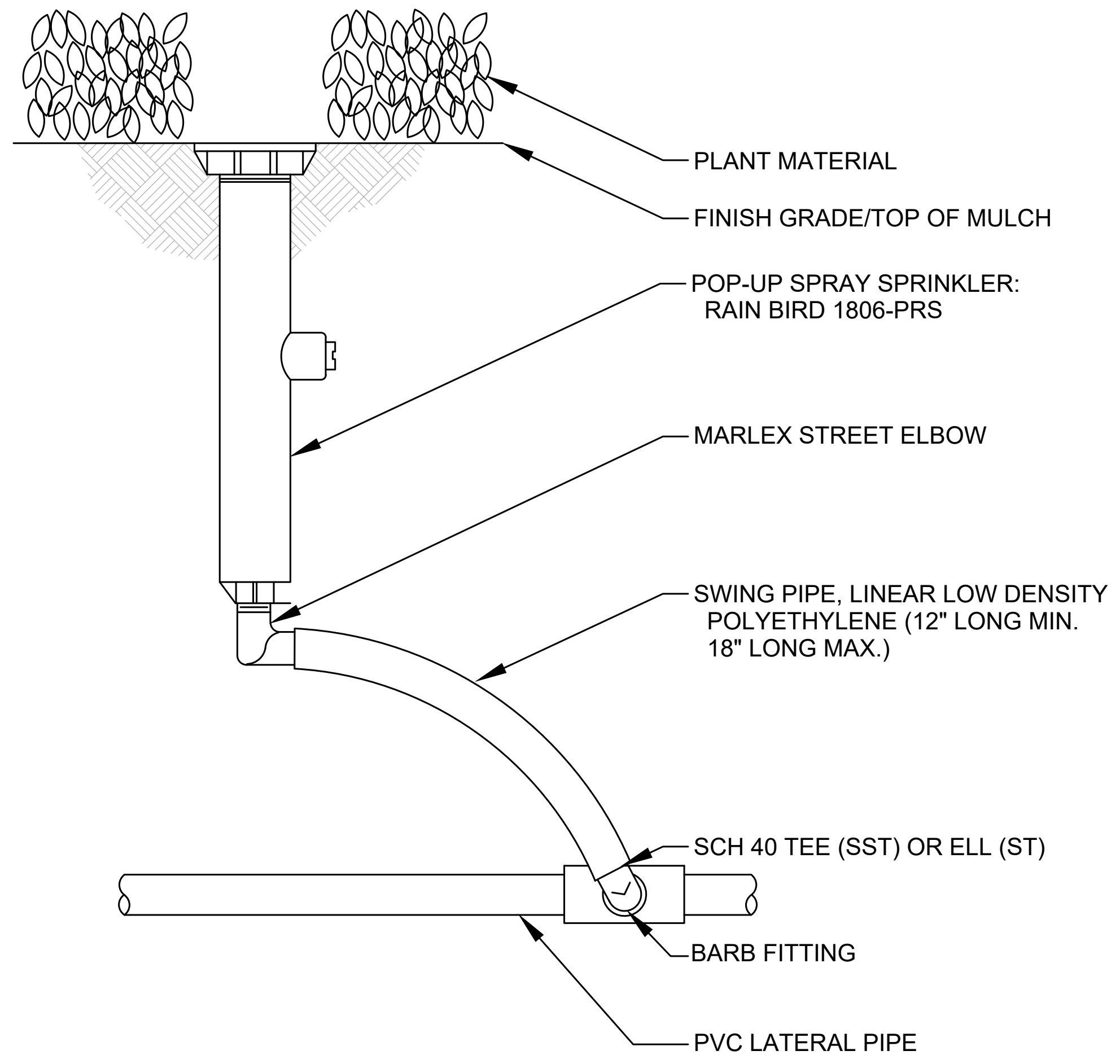
4 TRENCHING

NOT TO SCALE


FINISH GRADE
ROTOR POP-UP SPRINKLER: RAIN BIRD PER PLAN
TRIPLE SWING JOINT. USE (3) MARLEX ELBOWS AND SCH 80 NIPPLE - SIZE TO MATCH ROTOR INLET SIZE
PVC SCH 40 TEE (SST) OR ELBOW (ST)
PVC LATERAL PIPE

5 ROTOR HEADS

NOT TO SCALE


PLANT MATERIAL
FINISH GRADE/TOP OF MULCH
POP-UP SPRAY SPRINKLER: RAIN BIRD 1806-PRS
MARLEX STREET ELBOW
SWING PIPE, LINEAR LOW DENSITY POLYETHYLENE (12" LONG MIN. 18" LONG MAX.)
SCH 40 TEE (SST) OR ELL (ST)
BARB FITTING
PVC LATERAL PIPE

6 SPRAY HEADS

NOT TO SCALE

Issue Description	Date
BID SET	9-29-21
.	.

BRUCE W. TAYLOR
LA-222

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Landscape Architecture

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MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE 2
2121 E LAKE HAZEL ROAD
MERIDIAN, IDAHO 83642

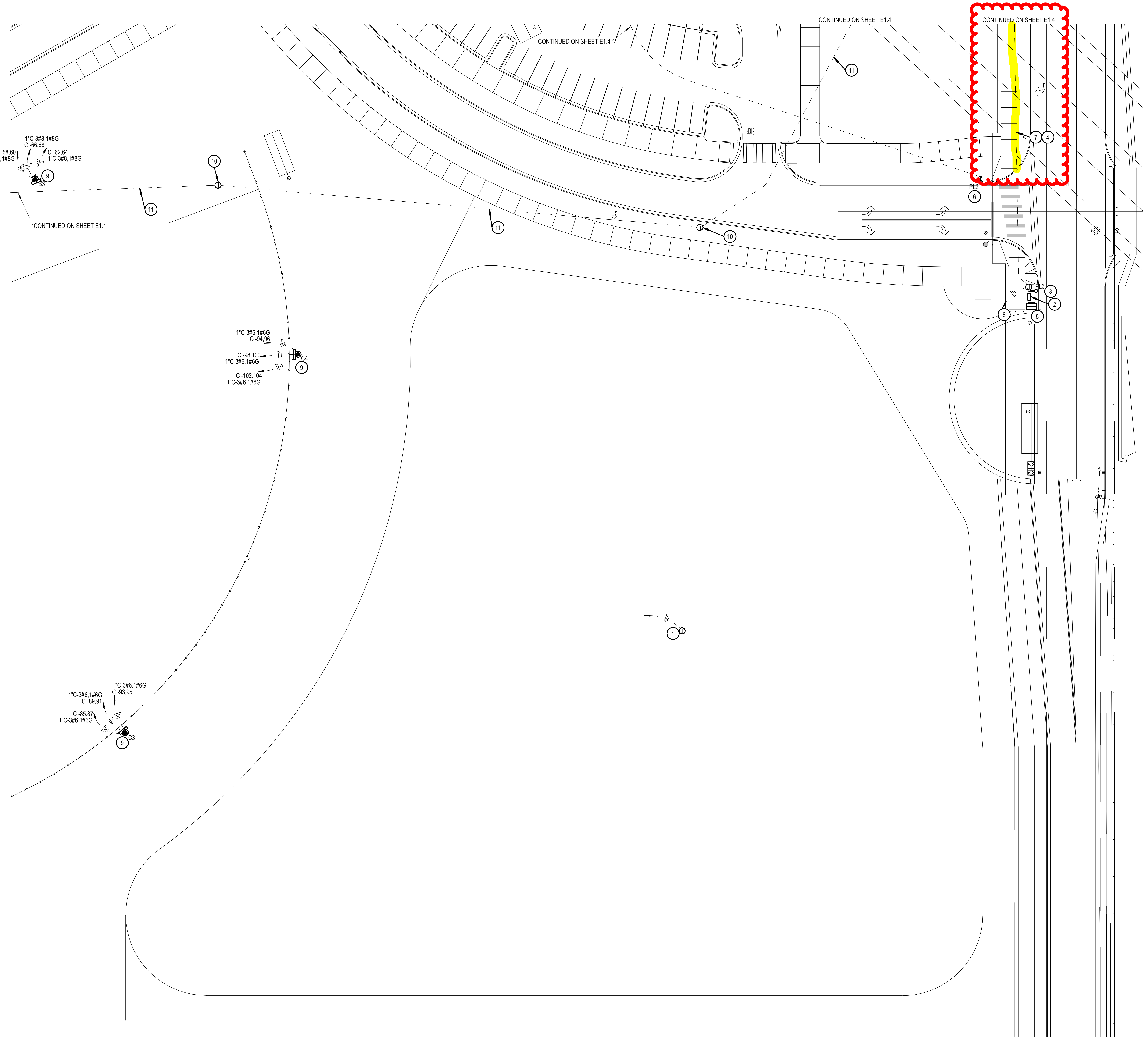
SITE

Job Number 1999

Drawn JBA
Checked BWT
Scale AS SHOWN

Sheet Title
IRRIGATION DETAILS

Sheet Number
L3.16
Of Sheets



① ELECTRICAL SITE PLAN AREA B

1" = 30'-0"

MUSGROVE
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208.384.0585
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OVER 40 YEARS OF EXCELLENCE

Project No. 21-184

KEYED NOTES:

# SYMBOL USED FOR CALLOUT

1. FURNISH AND INSTALL INGRADE JUNCTION BOX WITH TRAFFIC RATED LID AT THIS APPROXIMATE LOCATION FOR POWER TO FUTURE STRUCTURE. ROUTE 1" EMPTY CONDUIT WITH PULLSTRING FROM JUNCTION BOX TO PANELBOARD 'C'. MARK EXACT LOCATION ON AS-BUILT DRAWINGS.

2. NEW MYERS SERVICE CABINET. THE CABINET SHALL BE 100-AMP, 120/240 VOLT, SINGLE PHASE SERVICE ENTRANCE RATED METER PEDESTAL WITH INTEGRAL LOAD CENTER AND PHOTOCELL. THE LOAD CENTER SHALL BE 12-CIRCUIT WITH 100 AMP RATED MAIN BREAKER. REFER TO THE CITY OF MERIDIAN ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION. ROUTE (1) 3" EMPTY CONDUIT FROM MYER'S CABINET TO NEW UTILITY TRANSFORMER FOR UTILITY CONDUCTORS. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO BEGINNING WORK.

3. NEW CITY OF MERIDIAN STREET LIGHT. REFER TO THE CITY OF MERIDIAN STREET LIGHT DETAILS FOR ADDITIONAL INFORMATION.

4. REFER TO THE WILLIAMS PIPELINE SITE TRENCHING DETAIL WHEN CROSSING WILLIAMS PIPELINE EASEMENT.

5. NEW UTILITY TRANSFORMER. COORDINATE WITH IDAHO POWER COMPANY THE ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.

6. NEW POLE LIGHT, REFER TO THE POLE LIGHT DETAIL FOR ADDITIONAL INFORMATION.

7. 2"C-2#6,1#6G ROUTED BEWTEEN JUNCTION BOXES FOR NEW STREET LIGHTING. REFER TO THE CITY OF MERIDIAN ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.

8. 2"C-2#6,1#6G TO THE NEW MYERS SERVICE CABINET. REFER TO THE CITY OF MERIDIAN ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.

9. SPORTS FIELD LIGHT POLE. ROUTE CIRCUITS SHOWN THROUGH THE SPORT FIELD LIGHTING CONTACTOR. REFER TO THE SPORTS FIELD LIGHTING CONTRACTOR CONTROL SCHEMATIC FOR ADDITIONAL INFORMATION. EQUALLY DISTRIBUTE FIXTURES ACROSS CIRCUIT NOTED.

10. FURNISH AND INSTALL IN-GRADE JUNCTION BOX WITH TRAFFIC RATED LID IN THIS APPROXIMATE LOCATION. SIZE IN-GRADE JUNCTION BOX PER NEC.

11. FURNISH AND INSTALL 2" EMPTY CONDUIT WITH PULLSTRING FOR FUTURE FIBER OPTIC CABLING. ROUTE IN COMMON TRENCH WHEN POSSIBLE. COORDINATE WITH OTHER TRADES PRIOR TO BEGINNING WORK.

Issue Description	Date

INSIGHTarchitects, p.c.
Russ Phillips + Dana Kauffman
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ARCHITECT STAMP

PROFESSIONAL ENGINEER
REGISTERED
10389
9/30/2021
STATE OF IDAHO
KURT LECHTENBERG

MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE II
2121 E LAKE HAZEL ROAD
MERIDIAN, ID 83642

Job Number 19065

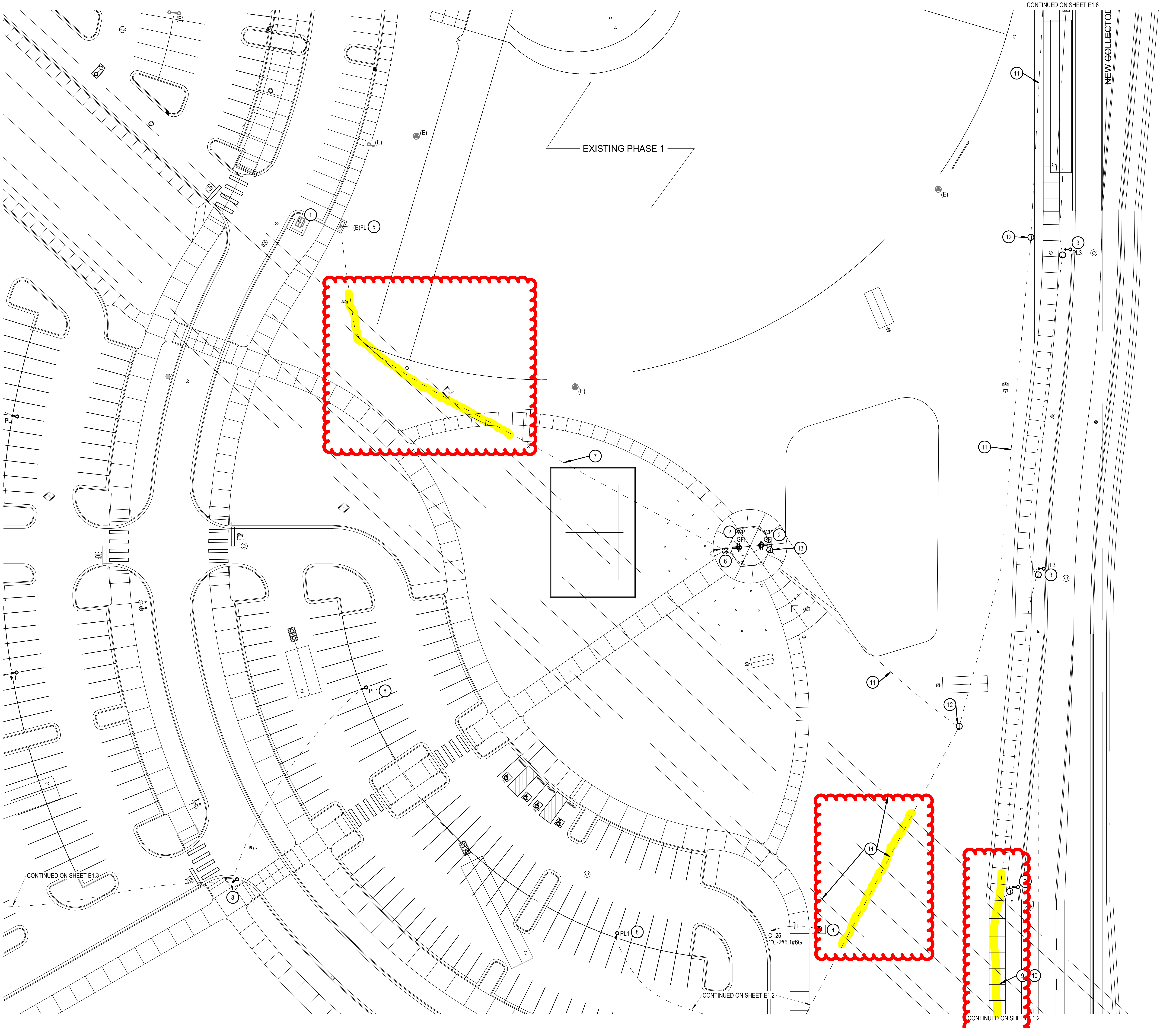
Drawn	Checked
GWB	KL

Scale AS SHOWN

Sheet Title
ELECTRICAL SITE PLAN - AREA B

Sheet Number
E1.2

Of Sheets



CONTINUED ON SHEET E1.3

CONTINUED ON SHEET E1.2

CONTINUED ON SHEET E1.2

1 ELECTRICAL SITE PLAN AREA D

1" = 30'-0"

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Project No. 21-184

KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

1. EXISTING UTILITY TRANSFORMER, SHOWN FOR REFERENCE ONLY.
2. DOUBLE DUPLEX RECEPTACLE MOUNTED FLUSH IN BLOCK AROUND SHELTER COLUMN. ALL BOXES AND CONDUIT SHALL BE CONCEALED.
3. NEW CITY OF MERIDIAN STREET LIGHT. REFER TO THE CITY OF MERIDIAN STREET LIGHT DETAILS FOR ADDITIONAL INFORMATION.
4. FURNISH AND INSTALL ELECTRICAL CONNECTION FOR NEW IRRIGATION SATELLITE CONTROLLER. IRRIGATION SATELLITE CONTROLLER FURNISHED AND INSTALLED BY LANDSCAPE CONTRACTOR. COORDINATE WITH EQUIPMENT AND INSTALLER FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.
5. EXISTING EATON POW-R-LINE PRL2a PANELBOARD 'FL' WITH AVAILABLE BUSSED SPACE. EXISTING PANELBOARD IS LOCATED IN EXISTING ENCLOSURE. FURNISH AND INSTALL (2) NEW 20A/1P CIRCUIT BREAKERS FOR NEW SHELTER RECEPTACLES. UPDATE PANELBOARD DIRECTORY.
6. SERVICE DISCONNECT SWITCHES LOCATED IN A WEATHERPROOF, LOCKABLE ENCLOSURE. PROVIDE ENGRAVED LABEL THAT READS SERVICE DISCONNECT.
7. 1"C-4#6,1#6G FROM SERVICE DISCONNECTS TO EXISTING PANELBOARD 'FL' LOCATED IN THE EXISTING ENCLOSURE. COORDINATE WITH EXISTING CONDITIONS PRIOR TO BEGINNING WORK. REFER TO THE WILLIAMS PIPELINE SITE TRENCHING DETAIL WHEN CROSSING WILLIAMS PIPELINE EASEMENT.
8. NEW POLE LIGHT, REFER TO THE POLE LIGHT DETAIL FOR ADDITIONAL INFORMATION.
9. 2"C-2#6,1#6G ROUTED BEWTEEN JUNCTION BOXES FOR NEW STREET LIGHTING. REFER TO THE CITY OF MERIDIAN ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.
10. REFER TO THE WILLIAMS PIPELINE SITE TRENCHING DETAIL WHEN CROSSING WILLIAMS PIPELINE EASEMENT.
11. FURNISH AND INSTALL 2" EMPTY CONDUIT WITH PULLSTRING FOR FUTURE FIBER OPTIC CABLING. ROUTE IN COMMON TRENCH WHEN POSSIBLE. COORDINATE WITH OTHER TRADES PRIOR TO BEGINNING WORK.
12. FURNISH AND INSTALL IN-GRADE JUNCTION BOX WITH TRAFFIC RATED LID IN THIS APPROXIMATE LOCATION. SIZE IN-GRADE JUNCTION BOX PER NEC.
13. INSTALL JUNCTION BOX IN BLOCK AROUND SHELTER COLUMN FOR FUTURE FIBER OPTICAL CABLE EQUIPMENT. ALL BOXES AND CONDUIT SHALL BE CONCEALED.
14. ROUTE 2" EMPTY CONDUIT WITH PULLSTRING UNDER WILLIAMS PIPELINE. THIS AREA IS WITHIN THE WILLIAMS PIPELINE EASEMENT. COORDINATE WITH EXISTING CONDITIONS PRIOR TO BEGINNING WORK.

Issue Description	Date

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ARCHITECT STAMP

10389
9/30/2021
KURT LECHTENBERG

MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE II
2121 E LAKE HAZEL ROAD
MERIDIAN, ID 83642

Job Number 19065

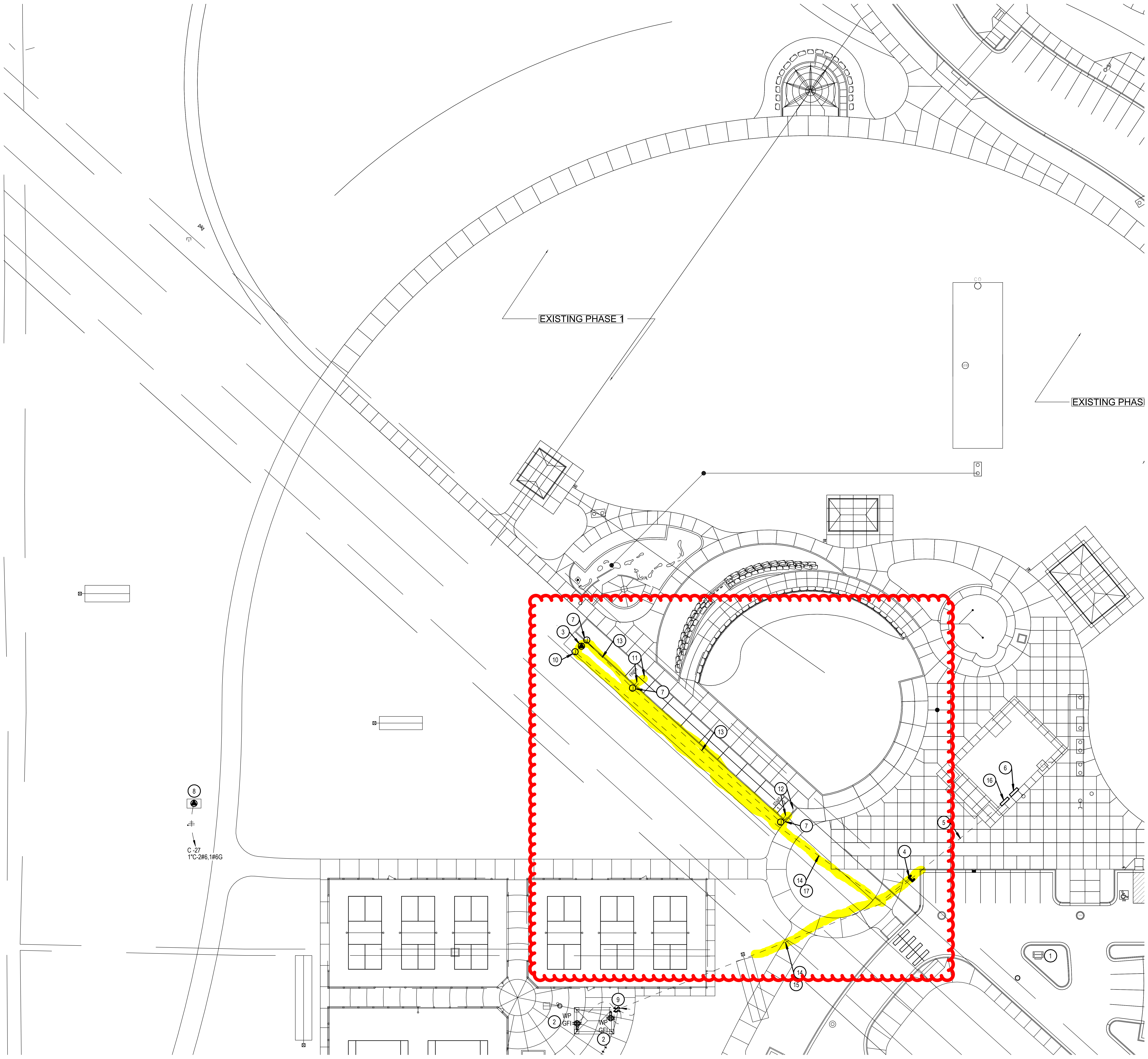
Drawn	Checked
GWB	KL

Scale AS SHOWN

Sheet Title
ELECTRICAL SITE PLAN - AREA D

Sheet Number
E1.4

Of Sheets



① ELECTRICAL SITE PLAN AREA E
1" = 30'-0"

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Project No. 21-184

KEYED NOTES:

(#) SYMBOL USED FOR CALLOUT

1. EXISTING UTILITY TRANSFORMER, SHOWN FOR REFERENCE ONLY.
2. DOUBLE DUPLEX RECEPTACLE MOUNTED FLUSH IN BLOCK AROUND SHELTER COLUMN. ALL BOXES AND CONDUIT SHALL BE CONCEALED.
3. ELECTRICAL CONNECTION FOR 40-YARD DASH DOUBLE LANE TIMER. FURNISH AND INSTALL SERVICE DISCONNECT AS REQUIRED. COORDINATE WITH EQUIPMENT SUPPLIER FOR ADDITIONAL INFORMATION.
4. (2) EXISTING 1" EMPTY CONDUIT WITH PULLSTRINGS STUBBED TO THIS APPROXIMATE LOCATION FROM THE EXISTING CONNCESSIONS BUILDING WIREWAY UNDER THE EXISTING PANELBOARDS.
5. EXISTING 1" EMPTY CONDUITS ROUTED FROM EXISTING WIREWAY UNDER EXISTING PANELBOARDS AND STUBBED INTO LANDSCAPE AREA. COORDINATE WITH EXISTING CONDITIONS PRIOR TO BEGINNING WORK. ROUTE NEW CONDUCTORS NOTED IN THESE EXISTING CONDUITS.
6. APPROXIMATE LOCATION OF EXISTING CONCESSIONS BUILDING PANELBOARD 'A'. SHOWN FOR REFERENCE ONLY.
7. AUTOMATED TIMER JUNCTION BOX FOR LOW-VOLTAGE WIRING. SIZE JUNCTION BOX AS REQUIRED BY NEC. COORDINATE WITH EQUIPMENT SUPPLIER FOR ADDITIONAL INFORMATION.
8. FURNISH AND INSTALL ELECTRICAL CONNECTION FOR NEW IRRIGATION SATELLITE CONTROLLER. IRRIGATION SATELLITE CONTROLLER FURNISHED AND INSTALLED BY LANDSCAPE CONTRACTOR. COORDINATE WITH EQUIPMENT AND INSTALLER FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.
9. SERVICE DISCONNECT SWITCHES LOCATED IN A WEATHERPROOF, LOCKABLE ENCLOSURE. PROVIDE ENGRAVED LABEL THAT READS SERVICE DISCONNECT.
10. IN-GRADE JUNCTION BOX FOR POWER TO 40 YARD DASH TIMER. SIZE JUNCTION BOX PER NEC.
11. (1)1" CONDUIT FROM IN-GRADE JUNCTION BOX TO FINISH PAD TRAY LANE 1 AND (1)1" CONDUIT FROM IN-GRADE JUNCTION BOX TO FINISH PAD TRAY LANE 2. COORDINATE WITH EQUIPMENT SUPPLIER FOR ADDITIONAL INFORMATION.
12. (1)1" CONDUIT FROM IN-GRADE JUNCTION BOX TO START PAD TRAY LANE 1 AND (1)1" CONDUIT FROM IN-GRADE JUNCTION BOX TO FINISH PAD TRAY LANE 2. COORDINATE WITH EQUIPMENT SUPPLIER FOR ADDITIONAL INFORMATION.
13. 1" CONDUIT WITH SIGNAL CABLES ROUTED BETWEEN IN-GRADE JUNCTION BOXES.
14. REFER TO THE WILLIAMS PIPELINE SITE TRENCHING DETAIL WHEN CROSSING WILLIAMS PIPELINE EASEMENT.
15. INTERECEPT (1) OF THE EXISTING 1" CONDUITS THAT HAS BEEN STUBBED OUT INTO LANDSCAPE AREA AND EXTEND TO NEW SERVICE DISCONNECTS SHOWN. INSTALL 4#6 AND 1#6G IN CONDUIT AND CONNECT NEW CONDUCTORS TO SERVICE DISCONNECTS AND EXISTING PANELBOARD 'B' AS REQUIRED.
16. EXISTING PANELBOARD 'B' WITH EXISTING SPARE CIRCUIT BREAKERS. CONNECT NEW SHELTER RECEPTACLES AND 40-YARD DASH DOUBLE LANE TIMER TO SPARE CIRCUIT BREAKERS AND UPDATED PANELBOARD DIRECTORY.
17. INTERECEPT (1) OF THE EXISTING 1" CONDUITS THAT HAS BEEN STUBBED OUT INTO LANDSCAPE AREA AND EXTEND TO TO THE 40-YARD DASH DOUBLE LANE TIMER AS REQUIRED. INSTALL 2#6 AND 1#6G IN CONDUIT AND CONNECT NEW CONDUCTORS TO TIMER AND EXISTING PANELBOARD 'B' AS REQUIRED. COORDINATE WITH EQUIPMENT SUPPLIER FOR ADDITIONAL INFORMATION.

Issue Description	Date

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ARCHITECT STAMP
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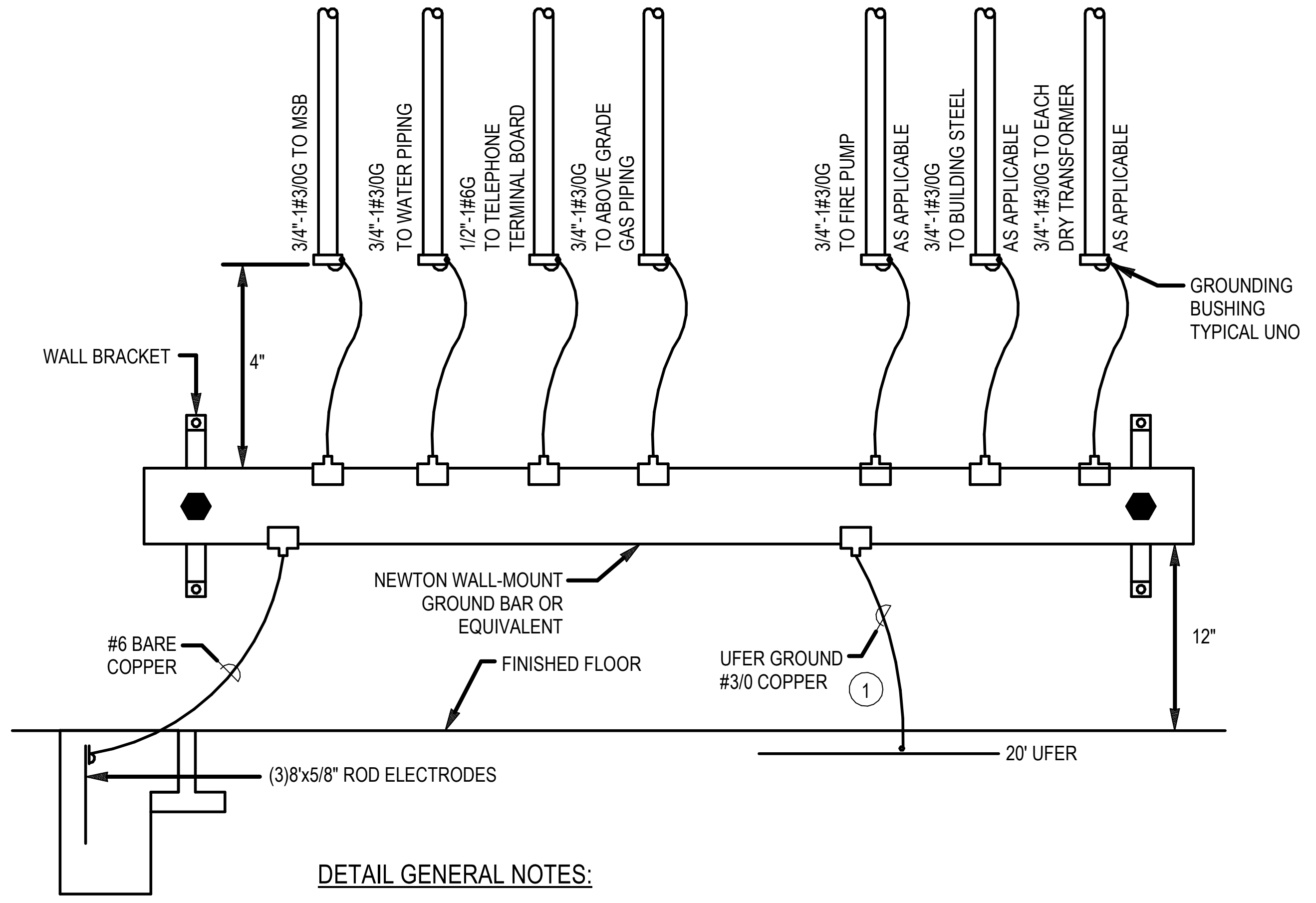
STATE OF IDAHO
KURT LECHTENBERG

MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE II
2121 E LAKE HAZEL ROAD
MERIDIAN, ID 83642

Job Number 19065

Drawn GWB
Checked KL
Scale AS SHOWN
Sheet Title
ELECTRICAL SITE PLAN - AREA E

Sheet Number
E1.5
Of Sheets


3/4"-1#3/0G TO MSB
3/4"-1#3/0G TO WATER PIPING
1/2"-1#6G TO TELEPHONE TERMINAL BOARD
3/4"-1#3/0G TO ABOVE GRADE GAS PIPING
3/4"-1#3/0G TO FIRE PUMP AS APPLICABLE
3/4"-1#3/0G TO BUILDING STEEL AS APPLICABLE
3/4"-1#3/0G TO EACH DRY TRANSFORMER AS APPLICABLE
GROUNDING BUSHING TYPICAL UNO
WALL BRACKET
4"
NEWTON WALL-MOUNT GROUND BAR OR EQUIVALENT
#6 BARE COPPER
FINISHED FLOOR
UFER GROUND #3/0 COPPER
1
12"
20' UFER
(3)8'x5/8" ROD ELECTRODES

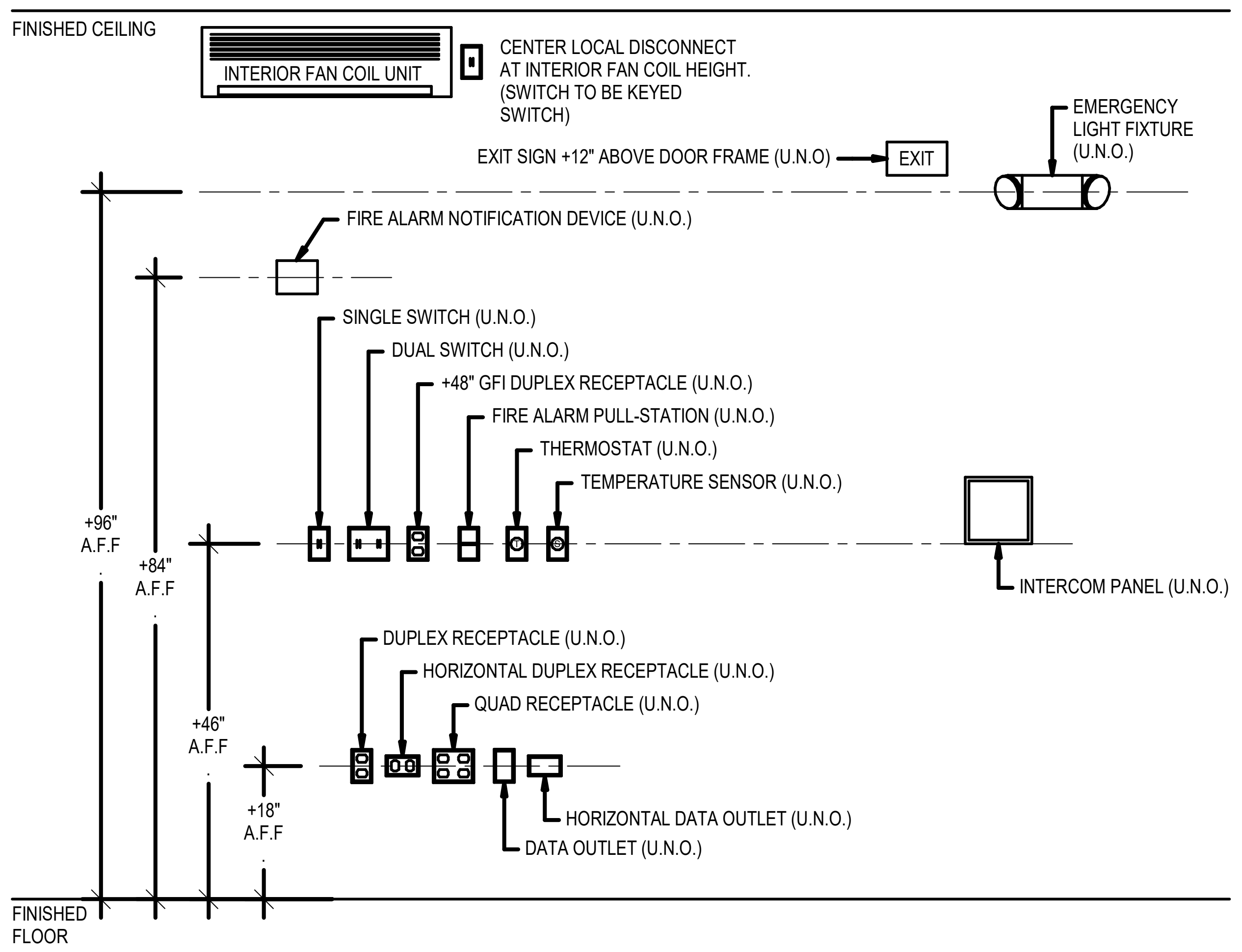
DETAIL GENERAL NOTES:

A. ALL CONDUCTORS SHALL BE IN EMT CONDUIT UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL HAVE A GROUNDING BUSHING AT EACH END.
B. ALL CONNECTIONS SHALL BE EXOTHERMIC WELD, LISTED PRESSURE CONNECTORS, LISTED CLAMPS OR OTHER LISTED MEANS.
C. PROVIDE BONDING OF GAS PIPING PER NEC 250.104(B)(1).

DETAIL NOTES:

1. UFER GROUND TO BE 20' OF #4 AWG COPPER OR 1/2" MINIMUM DIAMETER STEEL REINFORCING BAR PER 250.52.

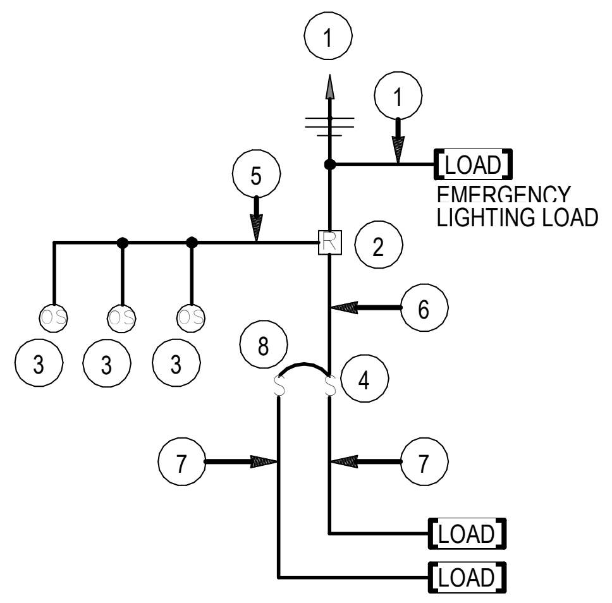
① GROUNDING BAR DETAIL
NTS


FINISHED CEILING
INTERIOR FAN COIL UNIT
CENTER LOCAL DISCONNECT AT INTERIOR FAN COIL HEIGHT. (SWITCH TO BE KEYED SWITCH)
EMERGENCY LIGHT FIXTURE (U.N.O.)
EXIT SIGN +12" ABOVE DOOR FRAME (U.N.O)
EXIT
FIRE ALARM NOTIFICATION DEVICE (U.N.O.)
SINGLE SWITCH (U.N.O.)
DUAL SWITCH (U.N.O.)
+48" GFI DUPLEX RECEPTACLE (U.N.O.)
FIRE ALARM PULL-STATION (U.N.O.)
THERMOSTAT (U.N.O.)
TEMPERATURE SENSOR (U.N.O.)
+96" A.F.F
+84" A.F.F
INTERCOM PANEL (U.N.O.)
DUPLEX RECEPTACLE (U.N.O.)
HORIZONTAL DUPLEX RECEPTACLE (U.N.O.)
QUAD RECEPTACLE (U.N.O.)
+46" A.F.F
+18" A.F.F
HORIZONTAL DATA OUTLET (U.N.O.)
DATA OUTLET (U.N.O.)
FINISHED FLOOR

DETAIL GENERAL NOTES:

1. PROVIDE FRAMING AS REQUIRED.

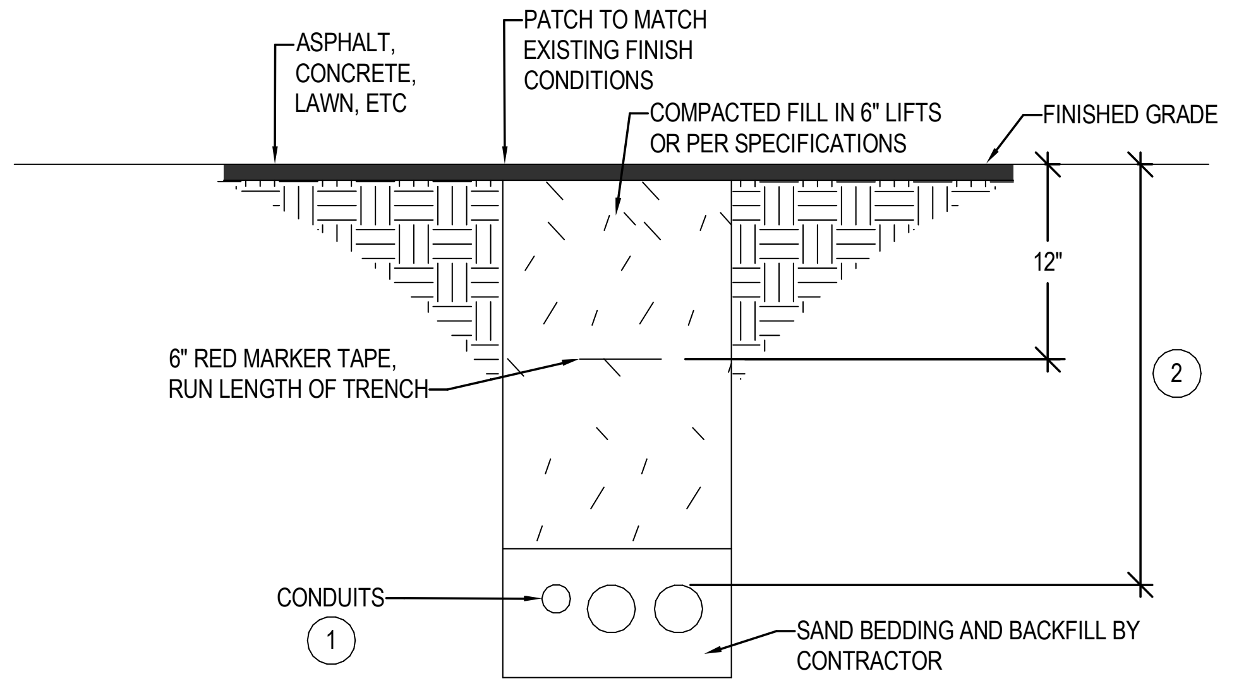
② STANDARD MOUNTING HEIGHTS
NTS



DETAIL NOTES:

1. UNSWITCHED LINE VOLTAGE POWER FEED FROM LOCAL PANEL.
2. POWER/RELAY PACK RATED FOR UP TO 3 SENSORS AND 15A LINE VOLTAGE SWITCHING. PROVIDE QUANTITY AS REQUIRED FOR A COMPLETE INSTALLATION.
3. LOW VOLTAGE OCCUPANCY SENSOR, UP TO 3 PER POWER PACK. PROVIDE WITH ISOLATED NO/NC AUXILIARY CONTACTS FOR HVAC INTERLOCK. QUANTITY AND LOCATION AS INDICATED ON PLANS.
4. WALL MOUNTED LINE VOLTAGE SNAP SWITCH(ES). QUANTITY AS INDICATED ON PLANS.
5. LOW VOLTAGE POWER AND CONTROL CONDUCTORS AS REQUIRED FOR A COMPLETE INSTALLATION.
6. LINE VOLTAGE SWITCHED LEG FROM RELAY PACK TO LOCAL WALL SWITCHES.
7. LINE VOLTAGE SWITCHED LEG FROM SWITCHES TO LIGHTING LOAD.
8. SECOND SWITCH FOR DUAL LEVEL LIGHTING WHERE INDICATED ON PLANS.

③ OCCUPANCY SENSOR DETAIL
NTS


ASPHALT, CONCRETE, LAWN, ETC
PATCH TO MATCH EXISTING FINISH CONDITIONS
COMPACTED FILL IN 6" LIFTS OR PER SPECIFICATIONS
FINISHED GRADE
12"
6" RED MARKER TAPE, RUN LENGTH OF TRENCH
2
CONDUITS
1
SAND BEDDING AND BACKFILL BY CONTRACTOR

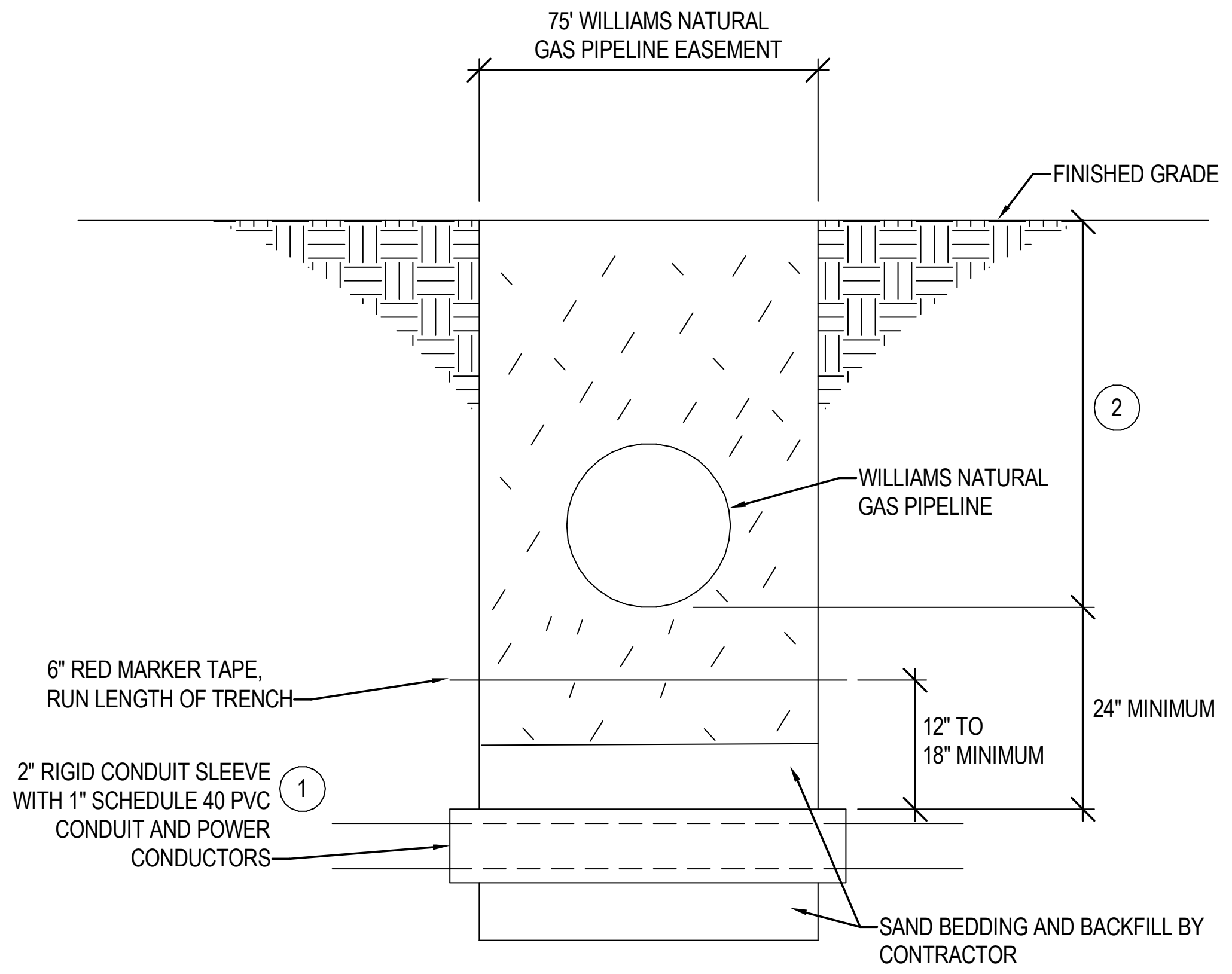
DETAIL NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. IF MULTIPLE CONDUITS SHARE TRENCH, PROVIDE SPACING BETWEEN CONDUITS. PROVIDE ZIP TIES, AND TIE ALL CONDUITS TOGETHER TO ENSURE STABILITY.

2. BURIAL DEPTH TO BE VERIFIED WITH UTILITIES AND AUTHORITY HAVING JURISDICTION:
ELECTRICAL FEEDERS, COMMUNICATIONS: 24" MINIMUM
UNDERGROUND SECONDARY: 30" MINIMUM
UNDERGROUND PRIMARY: 42" MINIMUM

④ SITE TRENCHING DETAIL
NTS


75' WILLIAMS NATURAL GAS PIPELINE EASEMENT
FINISHED GRADE
2
WILLIAMS NATURAL GAS PIPELINE
6" RED MARKER TAPE, RUN LENGTH OF TRENCH
12" TO 18" MINIMUM
24" MINIMUM
2" RIGID CONDUIT SLEEVE WITH 1" SCHEDULE 40 PVC CONDUIT AND POWER CONDUCTORS
1
SAND BEDDING AND BACKFILL BY CONTRACTOR

DETAIL NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

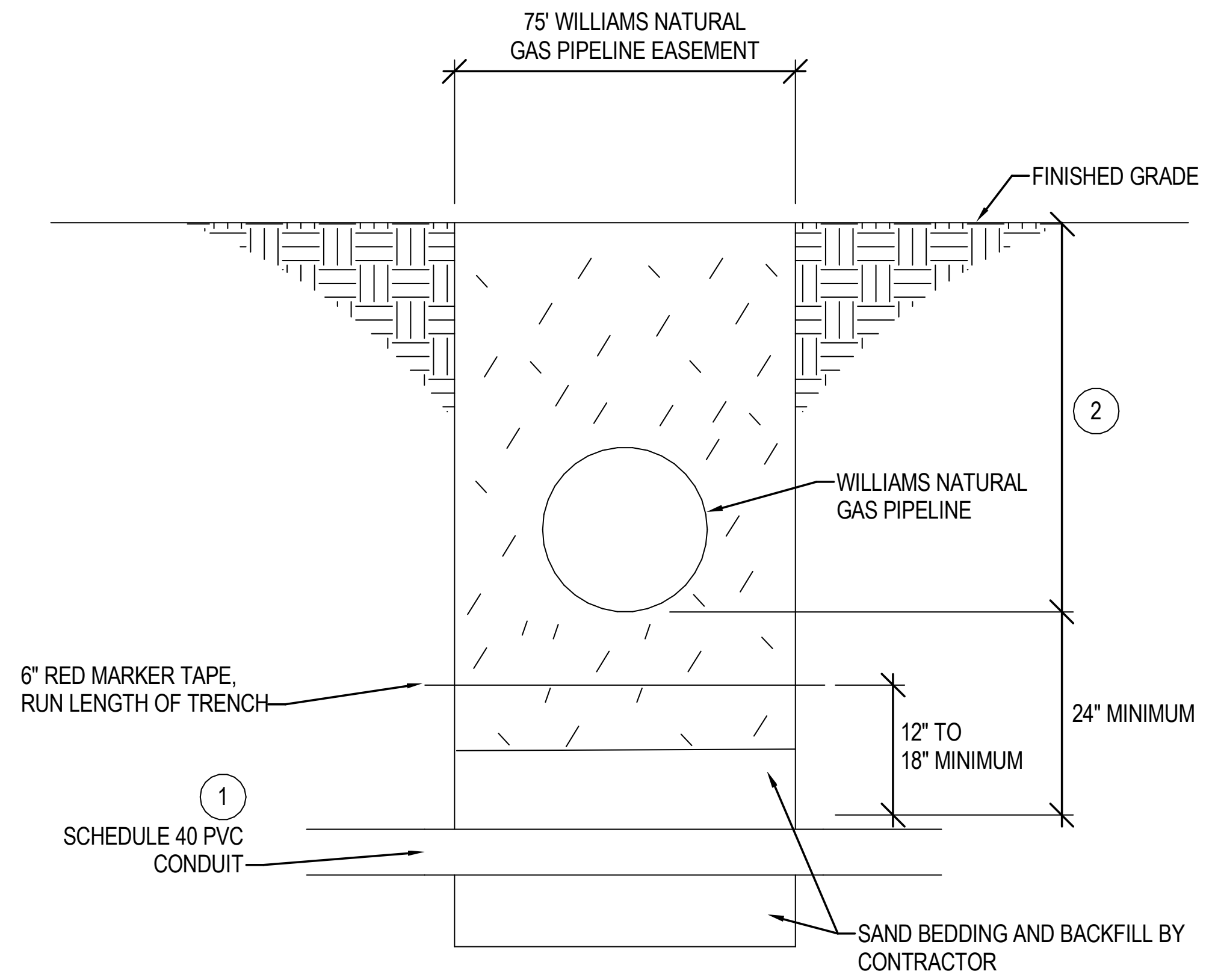
1. IF MULTIPLE CONDUITS SHARE TRENCH, PROVIDE SPACING BETWEEN CONDUITS. PROVIDE ZIP TIES, AND TIE ALL CONDUITS TOGETHER TO ENSURE STABILITY.

2. BURIAL DEPTH TO BE VERIFIED WITH EXISTING CONDITIONS AND WILLIAMS NATURAL GAS PIPELINE.

DETAIL GENERAL NOTES:

1. EACH METALLIC FOREIGN CONDUIT THAT ENTERS OR CROSSES WILLIAMS RIGHT-OF-WAY MUST HAVE A TEST LED INSTALLED. COORDINATE THIS WORK WITH WILLIAMS HANDBOOK AND WILLIAMS OFFICE. CONTRACTOR MUST EXCAVATE AND EXPOSE ONE OR MORE OF WILLIAMS EXISTING PIPELINES TO PROVIDE FOR THE INSTALLATION OF TEST LEADS BY WILLIAMS EMPLOYEES. REQUESTS FOR COOPERATIVE TESTING SHALL BE DIRECTED TO WILLIAMS DIVISION OFFICE, "ATTN.: SUPERVISOR, ASSET INTEGRITY."

⑤ WILLIAMS PIPELINE SITE TRENCHING POWER DETAIL
NTS


75' WILLIAMS NATURAL GAS PIPELINE EASEMENT
FINISHED GRADE
2
WILLIAMS NATURAL GAS PIPELINE
6" RED MARKER TAPE, RUN LENGTH OF TRENCH
12" TO 18" MINIMUM
24" MINIMUM
1
SCHEDULE 40 PVC CONDUIT
SAND BEDDING AND BACKFILL BY CONTRACTOR

DETAIL NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. IF MULTIPLE CONDUITS SHARE TRENCH, PROVIDE SPACING BETWEEN CONDUITS. PROVIDE ZIP TIES, AND TIE ALL CONDUITS TOGETHER TO ENSURE STABILITY.

2. BURIAL DEPTH TO BE VERIFIED WITH EXISTING CONDITIONS AND WILLIAMS NATURAL GAS PIPELINE.

DETAIL GENERAL NOTES:

1. EACH METALLIC FOREIGN CONDUIT THAT ENTERS OR CROSSES WILLIAMS RIGHT-OF-WAY MUST HAVE A TEST LED INSTALLED. COORDINATE THIS WORK WITH WILLIAMS HANDBOOK AND WILLIAMS OFFICE. CONTRACTOR MUST EXCAVATE AND EXPOSE ONE OR MORE OF WILLIAMS EXISTING PIPELINES TO PROVIDE FOR THE INSTALLATION OF TEST LEADS BY WILLIAMS EMPLOYEES. REQUESTS FOR COOPERATIVE TESTING SHALL BE DIRECTED TO WILLIAMS DIVISION OFFICE, "ATTN.: SUPERVISOR, ASSET INTEGRITY."

⑥ WILLIAMS PIPELINE SITE TRENCHING LOW-VOLTAGE DETAIL
NTS

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KURT LECHTENBERG

MERIDIAN PARKS AND RECREATION
DISCOVERY PARK PHASE II
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