GENERAL INFORMATION

CIVIL

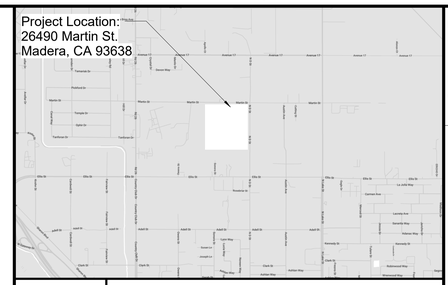
LANDSCAPE

ARCHITECTURAL

SITE DEVELOPMENT

Sheet Count: 29

Project Location:
26490 Martin St.
Madera, CA 93638



N14 Vicinity Map

All work shall be performed in accordance with current applicable codes and standards including, but not limited to, the following:

California Code of Regulations (CCR)
CCR-T5: Title 5-Education
CCR-T8: Title 8-Industrial Safety
CCR-T19: Title 19-Public Safety
CCR-Title 24:

Building Codes and Standards:
2022 California Building Standards Administrative Code (Part 1, Title 24, CCR)

2022 California Building Code, Volumes 1 and 2 (Part 2, Title 24, CCR)

2022 California Electrical Code (Part 3, Title 24, CCR)

2022 California Mechanical Code (Part 4, Title 24, CCR)

2022 California Plumbing Code (Part 5, Title 24, CCR)

2022 California Energy Code (Part 6, Title 24, CCR)

2022 California Elevator Safety Construction Code (Part 7, Title 24, CCR)

2022 California Fire Code, Part 9, Title 24, CCR)

2022 California Referenced Standards Code (Part 12, Title 24, CCR)

2022 California Green Building Standards Code

NFPA 13, 2022 Edition, The Installation of Automatic Sprinkler Systems

NFPA 14, 2019 Edition, Installation of Standpipe

NFPA 24, 2019 Edition, Installation of Private Fire Service Mains and their Appurtenances

NFPA 72, 2022 Edition, National Fire Alarm Code

Division of the State Architect (DSA):
SSS: Structural Safety Section
ACS: Access Compliance Section
FLS: Fire Life Safety
Interpretation of Regulation Manual

A "DSA Certified" project inspector employed by the District (Owner) and approved by the DSA shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24, CCR.

J14 Applicable Codes

Notes:
1. The Contractor Shall Be Responsible For The Preparation and Submittal Of The Deferred Approval Items To The Division Of The State Architect (DSA) For Review and Approval Prior To The Installation. The Submittal Shall Comply With The Requirements Of Specification Section 013300: Submittals.

2. Installation of Deferred Approval items shall not be started until Contractor's drawing, specifications, and engineering calculations for the actual system(s) to be installed have been reviewed by the Architect and/or the Structural Engineer, and approved by the DSA.

Description of Deferred Item
None
.
.

G14 Deferred Approval

Project includes but is not limited to Track and Athletic Field upgrades, associated site and utility work, and preparation for site and utility work in future projects.

B14 Project Description

DSA File No.:
20-30

DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

Desmond MS - Track Upgrades
Madera Unified School District
Madera, CA 93637

Darden Project Number: *2470.1*

Date: *12/10/24*

CIVIL
Blair, Church & Flynn
451 Clovis Ave, Ste 200
Clovis, CA 93612
T (559) 325-0400
F (559) 326-1500

ARCHITECTURAL
Darden Architects, Inc.
6790 N. West Avenue
Fresno, CA 93711
T (559) 448-8051
F (559) 446-1765

Project Information

darden architects
ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

LICENSED ARCHITECT ANTONIO J. AVILA No. B28235 Exp. 10-31-25 STATE OF CALIFORNIA

Architect

No.	Revision/Submission	Date

Revision

G000

12/3/2024 12:46:49 PM
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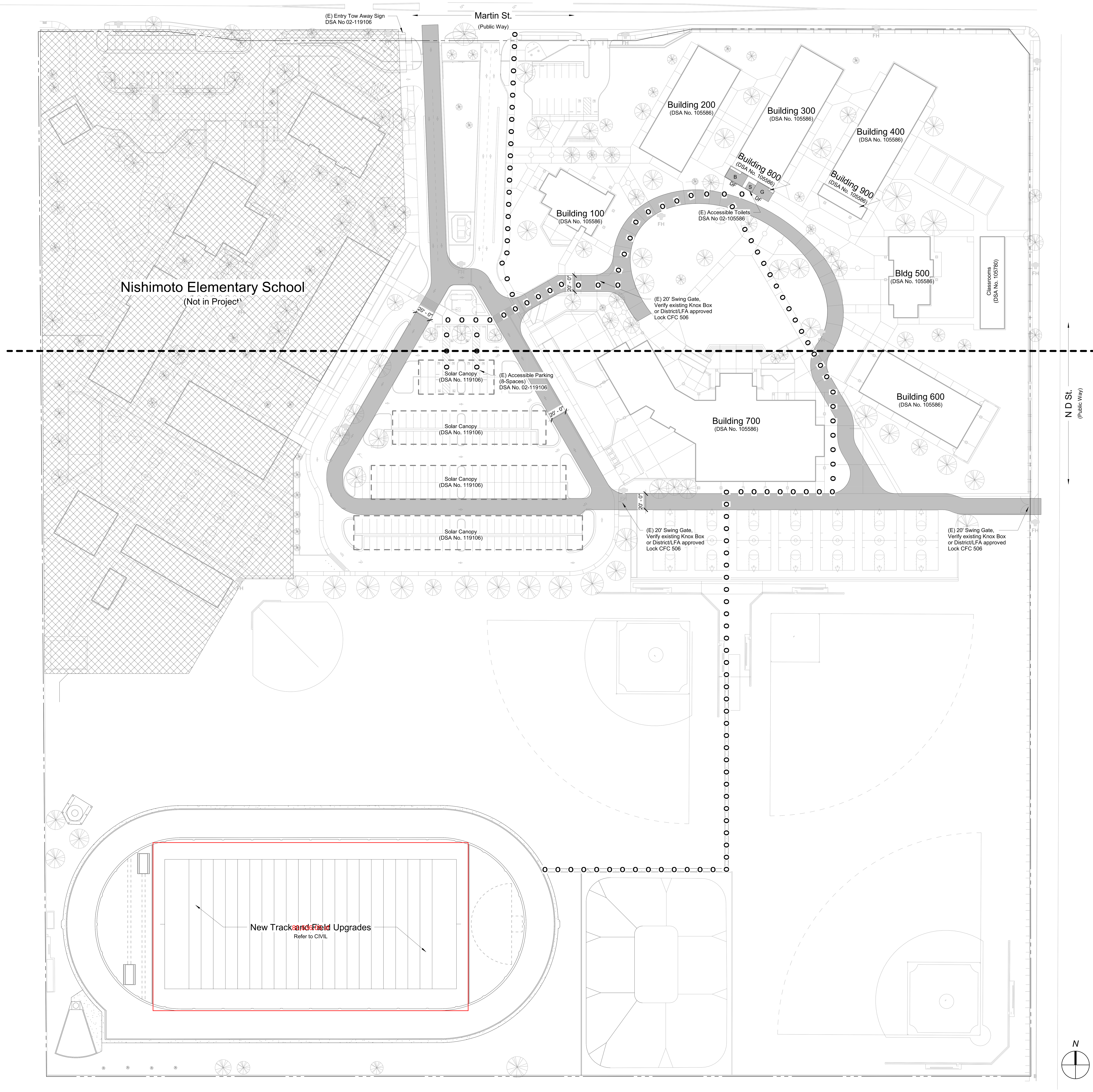

A1

Regulatory Compliance Site Plan

1" = 50'-0"

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DSA File No.:
20-30

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APP: 02-122959 INC:
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DATE: 12/10/2024

Agency Approval

SYMBOLS

- Assumed Property Line
- Frontage Line
- Accessible Path of Travel
- Fire Truck Access Lane
- FH — PLUMBING, Fire Hydrant (FH), Existing
- FDC — PLUMBING, Fire Department Connection (FDC) (Siamese), Existing
- PIV — PLUMBING, Post Indicator Valve (PIV), Existing
- Accessible Restroom Location:
  - B = Boys
  - G = Girls
  - M = Men
  - W = Women
  - A = All Gender
  - S = Staff
- Existing Building not included in this project
- New Addition and Existing Building included in this project (Note: No New Additions or Existing Buildings included in this project)

ABBREVIATIONS

DF ACCESSABLE DRINKING FOUNTAIN LOCATION
(-HA = High Adult)
(-LA = Low Adult)

NOTES

1. Site Gates, Site Ramps, and Site Stair locations in the "Path of Travel" are indicated on Drawing REGULATORY COMPLIANCE SITE PLAN and FLOOR PLAN.
2. The Path of Travel slopes shall not exceed a running slope of 1:20 (5%) The Path of Travel slopes shall not exceed a Cross Slope of 1:50 (2%). The Path of Travel shall not have overhead obstructions within 80" above the walking surface or obstructions protruding more than 4" between 27" and 80" above the walking surface.
3. The "Path of Travel" as shown on Drawing REGULATORY COMPLIANCE SITE PLAN, shall not have any unprotected vertical drop exceeding 4 inches at the time of the preparation of the contract documents and DSA approval. Contractor shall verify and bring any non-complying items to the attendtion of the Architect.
4. All new concrete surface within the "Path of Travel" shall have a non-slip medium broom finish as called for in Specification Section CAST-IN-PLACE CONCRETE. A heavy broom finish shall be used on all slopes greater than 6%.

Design Professional in General Responsible Charge Statement:

The POT identified in these construction documents meets the requirements of the current applicable California Building Code (CBC) accessibility provisions for path of travel requirements for alterations, additions and structural repairs. As part of the design of this project, the POT was examined and any elements, components or portions of the POT that were determined to be non-compliant with the CBC have been identified and the corrective work necessary to bring them into compliance has been included within the scope of this project's work through details, drawings and specifications incorporated into these construction documents. Any noncompliant elements, components or portions of the POT that will not be corrected by this project based on valuation threshold limitations or a finding of unreasonable hardship are indicated in these construction documents.

During construction, if POT items within the scope of the project represented as CBC compliant are found to be nonconforming beyond reasonable construction tolerances, the items shall be brought into compliance with the CBC as a part of this project by means of a construction change document.

Path of Travel, Technical Requirements for Accessible Route

Accessible Path of travel as indicated on plan is a barrier-free access route without abrupt level changes exceeding ½" if beveled at 1:2 maximum slope or vertical level changes not exceeding ¼" maximum and at least 48" in width. Surface is stable, firm, and slip-resistant. Cross-slope shall not be steeper than 1:48 and slope in the direction of travel shall not be steeper than 1:20. Accessible path of travel shall be maintained free of overhanging obstructions to 80" minimum and free of objects protruding more than 4" from the wall, above 27" and less than 80" above the floor. Architect shall verify that there are no barriers in the path of travel.

Existing Facilities indicated as "(E) Accessible Toilets" have been reviewed and found to be compliant with current code in all respects.

F18 Regulatory Compliance Site Plan Legend

Desmond MS - Track Upgrades
Madera Unified School District
Madera, CA 93637

Project

GENERAL INFORMATION
REGULATORY SITE PLAN

Drawing

darden architects
ARCHITECTURE PLANNING INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

LICENSED ARCHITECT
ANTONIO J. AVILA
No. C26235
Ren. 10-31-25
STATE OF CALIFORNIA

Architect

No.	Revision/Submission	Date

Revision

	Designed By:	
Scale: As indicated	Drawn By:	G101
Project Number: 2470.1	Checked By:	
Date: 12/10/24	Reviewed By:	

GENERAL TOPOGRAPHIC SURVEY LEGEND:

(NOT ALL SYMBOLS SHOWN APPEAR ON THE PLANS)

AB	ABUTMENT
AC	ASPHALTIC CONCRETE
ACE	ASPHALTIC CONCRETE EDGE
AD	ASPHALTIC CONCRETE DIKE
AWT	ALL-WEATHER TRACK
BD	BRIDGE DECK
BFC	BOTTOM FACE OF CURB
BGST	STEPS
BGTR	TOP OF ROOF
BGV	BUILDING VENTS
BOD	BOTTOM OF DITCH
BR	BARRICADE
BRK	BRICK
BW	BARRIER WALL
CB	CATCH BASIN
CDA	CONCRETE DRIVE APPROACH
CE	CONCRETE EDGE
CMP	CORRUGATED METAL PIPE
CON	CONCRETE
COTH	COMMUNICATION TRENCH
CR	CROWN OF ROAD
CRQ	QUARTER CROWN
CS	CONCRETE SLAB
CULV	CULVERT
CW	CONCRETE WALL
DD	DOWN DRAIN
DFL	DITCH FLOWLINE
DWY	DRIVEWAY
ECTH	ELECTRICAL TRENCH
EDR	EDGE OF DIRT ROAD
EGR	EDGE OF GRAVEL ROAD
EOD	EDGE OF OILED DIRT
EP	EDGE OF PAVEMENT
ES	EDGE OF SHOULDER
ET	EDGE OF TRAVELED WAY
FF	FINISH FLOOR
FOTH	FIBER OPTIC TRENCH
GB	GRADE BREAK
GFL	GUTTER FLOWLINE
GR	GRATE
GRA	GRAVEL SPOT SHOT
GRAE	EDGE OF GRAVEL
GSTH	GAS TRENCH
HDR	WOOD HEADER
HW	HEAD WALL
KR	K-RAIL
LIP	LIP OF GUTTER
LSDE	DECOMPOSED GRANITE EDGE
LSDG	DECOMPOSED GRANITE
LSGC	GROUND COVER
LSGF	GOLF COURSE FAIRWAY
LSGG	GOLF COURSE GREEN
LSGT	GOLF COURSE TEE
LSSA	SAND
LSSP	SLOPE PROTECTION
LSST	GOLF COURSE SAND TRAP
NPTH	NON-POTABLE TRENCH
PA	PATIO
PGTH	PROPANE GAS TRENCH
POS	POINT ON SLOPE
RCP	REINFORCED CONCRETE
RIEL	RIPARIAN EDGE OF LAKE
RIEP	RIPARIAN EDGE OF POND
RIES	RIPARIAN EDGE OF STREAM
RIEW	RIPARIAN EDGE OF WETLAND
RIFL	RIPARIAN FLOWLINE
RIMC	RIPARIAN MISC.
RIP	RIP-RAP SLOPE PROTECTION
RK	ROCK
RW	RETAINING WALL
SB	SPEED BUMP
SDCD	STORM DRAIN CROSS DRAIN
SDFL	STORM DRAIN FLOWLINE
SDGR	STORM DRAIN GRATE
SDMG	STORM DRAIN MANHOLE W/ GRATE
SSFL	SEWER FLOWLINE
SDTH	STORM DRAIN TRENCH
SSGT	STORM DRAIN GREASE TRAP
SSST	SEWER TANK (SEPTIC)
SSTH	SEWER TRENCH
SWK	SIDEWALK
SWL	SWALE
T	TURF
TBC	TOP BACK OF CURB
TBW	TOP BACK OF WALK
TF	TOP OF FOOTING
TFC	TOP FACE OF CURB
TFW	TOP FACE OF WALK
TLTH	TELEPHONE TRENCH
TOB	TOP OF BANK
TOE	TOE OF SLOPE
TOP	TOP OF SLOPE
TRDO	TRUNCATED DOMES
TVTH	TV TRENCH
TW	TOP OF WALL
UTH	UNIDENTIFIED TRENCH/SCAR LINE
VGFL	VALLEY GUTTER FLOWLINE
VGR	VALLEY GUTTER
WALBA	BARRIER WALL
WALBW	BLOCK WALL
WALCW	CONCRETE WALL
WALHW	HEAD WALL
WALRW	RETAINING WALL
WALWW	WING WALL
WCR	WHEELCHAIR RAMP
WLPD	WELL PAD
WTTH	WATER TRENCH
WW	WING WALL
(335.21)	EXISTING ELEVATION
AL	ACCENT LIGHT
AV	ALFALFA VALVE
	BACKFLOW ASSEMBLY
	BASKETBALL GOAL
BOV	BLOW-OFF VALVE
	BM=BENCHMARK; OR SBM=SITE BENCHMARK
BO	BOLLARD
CO	CLEANOUT
COPB	COMMUNICATION PULLBOX
COVA	COMMUNICATION VAULT
312.55	SURVEY CONTROL MONUMENT
DF	DRINKING FOUNTAIN
DS	DOORSTOP
DW	DRYWELL
EG	ELECTRICAL GROUND
ELC	ELECTRICAL CONDUIT
	ELECTRICAL METER
EPB	ELECTRICAL PULLBOX
E	ELECTRICAL VAULT LID
ETS	GAS ELECTRONIC TESTING STATION
FDC	FIRE DEPARTMENT CONNECTION
	FIRE HYDRANT
FP	FENCE POST
FLP	FLAG POLE
GAS	GAS LINE; DIAMETER AS SHOWN
GR	GAS REGULATOR
GAV	IRRIGATION GATE VALVE
	GAS METER
GOP	GOAL POST
GP	GUY POLE
GS	GATE STOP
GSR	GAS RISER
GV	GAS VALVE
GRD	GROUNDING ROD
GUY	GUY WIRE
HB	HOSE BIBB
HR	HANDRAIL
ICB	IRRIGATION CONTROLLER
	IRRIGATION DISTRICT MANHOLE
IVA	IRRIGATION REMOTE CONTROL VALVE
ISB	IRRIGATION SPLICE BOX
IHB	IN-GROUND HOSE BIBB
IP	IRON PIPE
JP	JOINT UTILITY POLE
LP	LIGHT POLE
MB	MAIL BOX
MH	MANHOLE
MV	MANUAL IRRIGATION VALVE
PB	PULLBOX
PIV	POST INDICATOR VALVE
	UTILITY STUB
	PARKING METER
4"POST	POST; DIAMETER AS SHOWN
PP	POWER POLE
6" PVC	PVC PIPE; DIAMETER AS SHOWN
QC	QUICK COUPLER VALVE
RD	ROOF DRAIN
RDU	ROOF DRAIN UNDERGROUND
RS	ROOF SUPPORT
	STADIUM LIGHT POLE
	STORM DRAIN MANHOLE
	SIGN
PPB	SIGNAL LIGHT PUSH BUTTON
	STREET LIGHT
4" SLE	PIPE SLEEVE; DIAMETER AS SHOWN
	SLOPE
SLPB	STREET LIGHT PULLBOX
4"SLV	PIPE SLEEVE; DIAMETER AS SHOWN
	SEWER MANHOLE
SP	SERVICE POLE
SPB	SIGNAL PULLBOX
	SPRINKLER
4" SPO	STEEL POST; DIAMETER AS SHOWN
12"SS	SAND SEPARATOR; SIZE AS NOTED
24"STP	STAND PIPE; DIAMETER AS NOTED
12"STUMP	TREE STUMP; DIAMETER AS SHOWN
WM	SURVEY MONUMENT WELL
4"TEL	TELEPHONE; DIAMETER AS SHOWN
	TELEPHONE MANHOLE
TN	TENNIS NET POLE
TP	TELEPHONE POLE
TPB	TELEPHONE PULLBOX
TVPB	TELEVISION PULLBOX
	TREE; SPREAD SHOWN GRAPHICALLY AND TRUNK DIAMETER AS SHOWN
	PALM TREE; SPREAD SHOWN GRAPHICALLY
TSB	TELEPHONE SPLICE BOX
	TRAFFIC SIGNAL POLE
TSPB	TRAFFIC SIGNAL PULLBOX
UP	UTILITY POLE
UR	UTILITY RISER
VB	VACUUM BREAKER
VN	VOLLEYBALL NET POST
2"VP	VENT PIPE; DIAMETER AS SHOWN
WELL	WELL
W	WATER METER
WP	WELL PUMP
6"WPO	CIRCULAR WOOD POST; DIAMETER AS SHOWN
4"X4"WPO	SQUARE WOOD POST; SIZE AS SHOWN
4"W	WATER LINE; DIAMETER AS SHOWN
WV	WATER VALVE
	ASPHALT PAVEMENT
	CONCRETE BLOCK WALL
	BUILDING
	CONCRETE
	DETECTABLE WARNINGS
	DG OR GRAVEL
	CHAIN LINK FENCE
	CHAIN LINK ROLL GATE
	EDGE OF ASPHALT PAVEMENT
	WOOD FENCE
	DIRECTION OF FLOW
E	UNDERGROUND ELECTRIC
G 6"	GAS LINE; SIZE AS NOTED
OT	OVERHEAD TELEPHONE
SD 18"	STORM DRAIN LINE; SIZE AS NOTED
S 12"	SEWER LINE; SIZE AS NOTED
T	UNDERGROUND TELEPHONE
W 6"	WATER LINE; SIZE AS NOTED
AG 12"	AGRICULTURAL IRRIGATION LINE; SIZE AS NOTED
A 1"	AIR LINE; SIZE AS NOTED
C	COMMUNICATION LINE
350	MAJOR GRADE CONTOUR LINE
345	MINOR GRADE CONTOUR LINE
CW 2"	CHILLED WATER LINE; SIZE AS NOTED
CWR 2"	CHILLED WATER RETURN LINE; SIZE AS NOTED
CWS 2"	CHILLED WATER SUPPLY LINE; SIZE AS NOTED
	LIMIT OF DIRT
	LIMIT OF TURF
DL 1"	DRAIN LINE; SIZE AS NOTED
EMS	EMERGENCY MANAGEMENT SYSTEM
FA	FIRE ALARM LINE
F 8"	FIRE LINE; SIZE AS NOTED
FO	FIBER OPTIC LINE
	DRAIN TUBE
HW 2"	HOT WATER LINE; SIZE AS NOTED
HWR 2"	HOT WATER RETURN LINE; SIZE AS NOTED
HWS 2"	HOT WATER SUPPLY LINE; SIZE AS NOTED
HYD	HYDRAULIC LINE
ID 18"	IRRIGATION DISTRICT; SIZE AS NOTED
	IRON FENCE
IRR 8"	IRRIGATION MAIN LINE; SIZE AS NOTED
L 1"	IRRIGATION LATERAL LINE; SIZE AS NOTED
ITS	INTELLIGENT TRAFFIC SYSTEM
JT	JOINTLY TRENCHED UTILITIES
OC	OVERHEAD COMMUNICATIONS LINE
OE	OVERHEAD ELECTRIC LINE
OEC	OVERHEAD ELECTRIC AND COMMUNICATION LINE
OET	OVERHEAD ELECTRIC AND TELEPHONE LINE
OETV	OVERHEAD ELECTRIC AND TELEVISION LINE
OETVT	OVERHEAD ELECTRIC, TELEVISION AND TELEPHONE LINE
OTS	OVERHEAD TRAFFIC SIGNAL LINE
OTV	OVERHEAD TELEVISION LINE
OU	OVERHEAD UTILITY LINE
P 6"	PETROLEUM LINE; SIZE AS NOTED
RW 3"	RECYCLED WATER IRRIGATION LINE; SIZE AS NOTED
S&SD 6"	SEWER AND STORM DRAIN LINE; SIZE AS NOTED
SFM 6"	SEWER FORCE MAIN; SIZE AS NOTED
ST 2"	STEAM LINE; SIZE AS NOTED
TFO	TRAFFIC FIBER OPTIC LINE
TS	TRAFFIC SIGNAL LINE
TV	TELEVISION LINE
UNK	UNKNOWN UTILITY LINE
	WIRE FENCE
	PROPERTY LINE
	CITY LIMIT
	EASEMENT 1
	EASEMENT 2
	RIGHT-OF-WAY LINE
	SETBACK LINE

Know what's below. Call before you dig.

DSA File No.:

DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

General Notes

Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

LICENSED PROFESSIONAL ENGINEER — No. 67216 — CIVIL — STATE OF CALIFORNIA
12/02/2024 Date Signed

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

TOPOGRAPHIC SURVEY LEGEND

Drawing

darden architects
ARCHITECTURE
PLANNING
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LICENSED ARCHITECT — ANTONIO J. AVILA — No. C-29235 — REN. 10-31-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

	Designed By: KL	
Scale: 1" = 20'	Drawn By: TJ	SD/C100
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	Sheet: _____ of: _____

Drawing: P:\224-0293\Site\productiondrawings\224293ts01.dwg; Layout1 - BCF.ctb
Plot by: kylawson Dec 03, 2024 - 12:15pm

DSA File No.:

DSA Application No.:
02-122959

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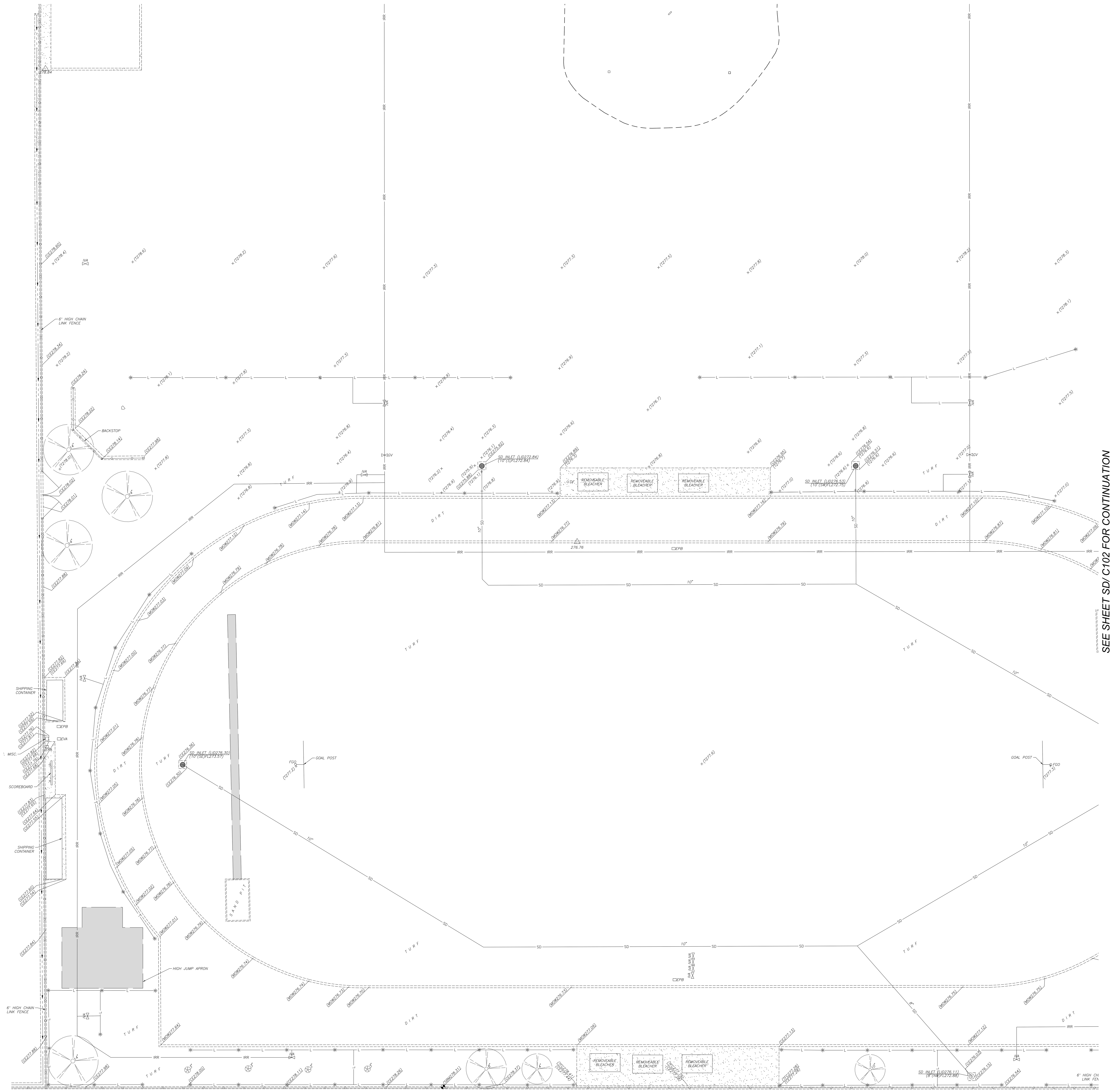
Agency Approval



NOTE:

THIS TOPOGRAPHIC SURVEY LOCATES SPECIFIC PHYSICAL FEATURES OF THE SITE AND THEIR ELEVATION AS DETERMINED NECESSARY BY THE PROJECT ENGINEER. IT IS NOT A COMPLETE TOPOGRAPHIC SURVEY OF THE SITE. THE INFORMATION SHOWN REFLECTS THE DATA OBTAINED BY FIELD SURVEY CONDUCTED ON SEPTEMBER 3TH, 2024

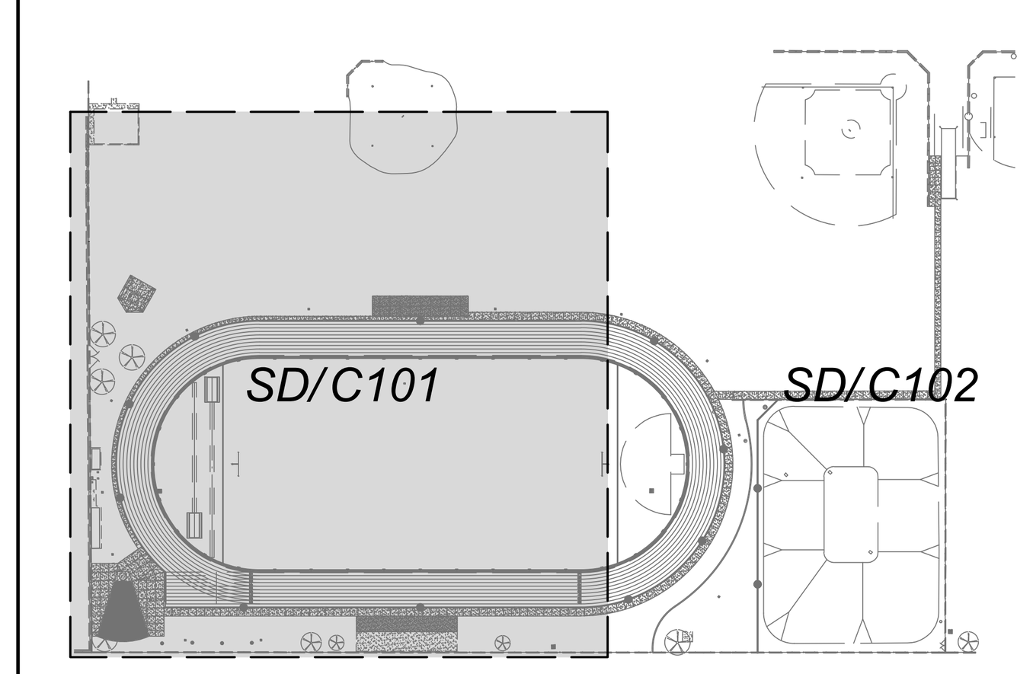
SITE BENCHMARK:

CHISELED X IN CONCRETE MOWSTRIP, APPROXIMATELY 196 FEET EAST OF THE SOUTHWEST CORNER OF THE SITE

ELEV.= 278.31 NAVD88

UTILITY NOTE:

UTILITY INFORMATION SHOWN HEREON IS BASED ON RECORD INFORMATION SUPPLIED TO THE ENGINEER BY UTILITY COMPANIES, PUBLIC AGENCIES AND THE PROPERTY OWNER, TOGETHER WITH OBSERVATION OF VISIBLE EVIDENCE BY A FIELD SURVEY. THE ENGINEER CAN MAKE NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF THE UNDERGROUND UTILITY FACILITIES SHOWN. PRIOR TO ANY SITE EXCAVATIONS, THE CONTRACTOR SHALL CONTACT THE OWNER AND UNDERGROUND SERVICE ALERT (USA) AND REQUEST THAT THEY IDENTIFY THE LOCATION OF ALL UNDERGROUND UTILITIES AT THE SITE.



KEYMAP

General Notes

Know what's below. Call before you dig.

SCALE: 1"=20'

0 5 20 40
SCALE IN FEET

Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER ZACHARY D. HOSTETTER No. 87218 CIVIL STATE OF CALIFORNIA

12/02/2024
Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

PARTIAL TOPOGRAPHIC SURVEY

Drawing

darden architects
ARCHITECTURE PLANNING INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

LICENSED ARCHITECT ANTONIO J. AVILA No. C26235 Ren. 10-31-25 STATE OF CALIFORNIA

Architect

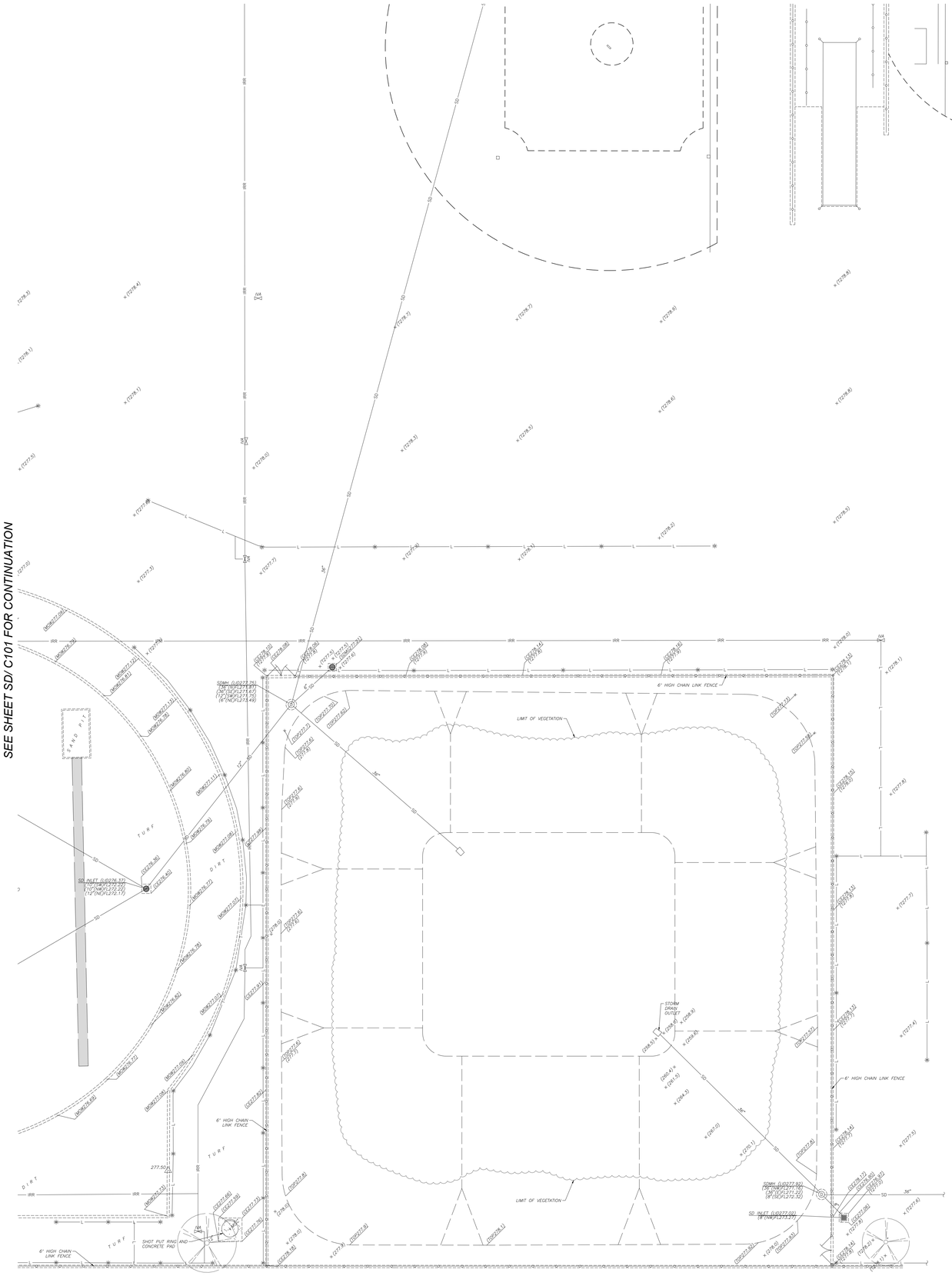
No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

	Designed By: KL	
Scale: 1" = 20'	Drawn By: TJ	SD/C101
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	Sheet: ______ of: ______

Drawing: P:\224-0293\Site\productiondrawings\224293ts01.dwg; Layout2 - BCF.ctb
Plot by: kylawson Dec 03, 2024 - 12:15pm

SEE SHEET SD/ C101 FOR CONTINUATION



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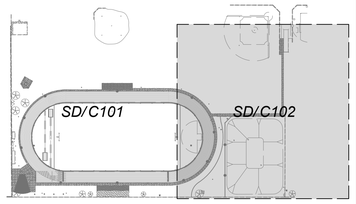
UTILITY NOTE:

UTILITY INFORMATION SHOWN HEREON IS BASED ON RECORD INFORMATION SUPPLIED TO THE ENGINEER BY UTILITY COMPANIES, PUBLIC AGENCIES AND THE PROPERTY OWNER, TOGETHER WITH OBSERVATION OF VISIBLE EVIDENCE BY A FIELD SURVEY. THE ENGINEER CAN MAKE NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF THE UNDERGROUND UTILITY FACILITIES SHOWN. PRIOR TO ANY SITE EXCAVATIONS, THE CONTRACTOR SHALL CONTACT THE OWNER AND UNDERGROUND SERVICE ALERT (USA) AND REQUEST THAT THEY IDENTIFY THE LOCATION OF ALL UNDERGROUND UTILITIES AT THE SITE.



KEYMAP

General Notes

Blair, Church & Flynn CONSULTING ENGINEERS

Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER — GARY D. HUSS — No. 57218 — CIVIL — STATE OF CALIFORNIA
12/02/2024 Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

PARTIAL TOPOGRAPHIC SURVEY

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LICENSED ARCHITECT — ANTONIO J. AVILA — No. C-29235 — Exp. 10-31-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

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

SCALE: N 1"=20'

0 5 20 40
SCALE IN FEET

	Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ	SD/C102
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	Sheet: _____ of: _____

Drawing: P:\224-0293\Site\production\drawings\224293s01.dwg; Layout3 - BCF.stb
Plot by: kylawson - Dec 03, 2024 - 12:15pm

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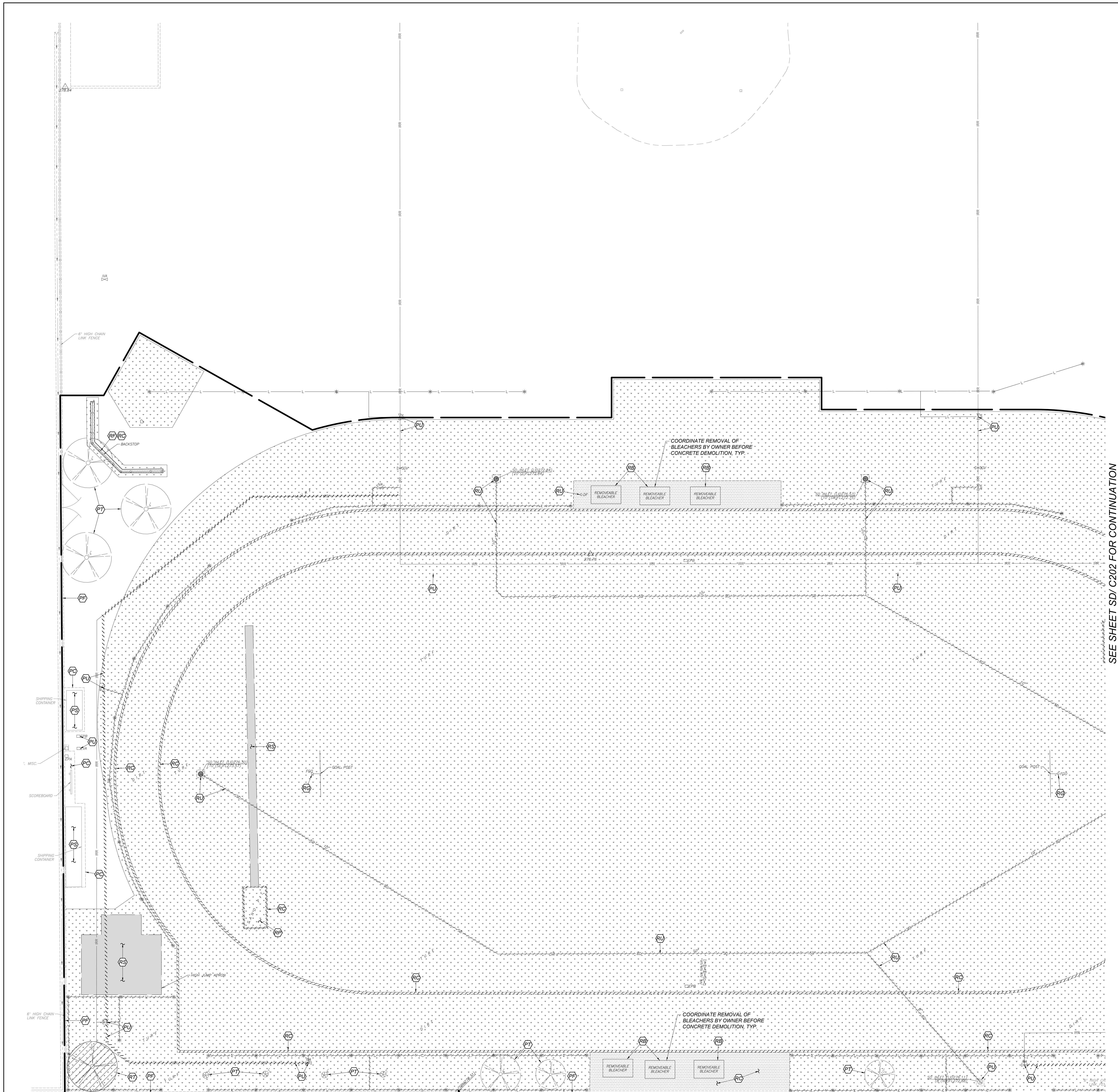

DEMOLITION LEGEND:

Symbol	Description
Dashed heavy line	REMOVE EXISTING IMPROVEMENTS AS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS SHOWN ON THESE PLANS UNLESS OTHERWISE NOTED ON THE PLAN. THE REMOVAL OF IMPROVEMENTS MUST BE COORDINATED WITH ALL PLAN SHEETS. CONTRACTOR MUST ALSO COORDINATE REMOVAL OF IMPROVEMENTS WITH UTILITY AGENCIES. PROTECT ALL IMPROVEMENTS NOT DESIGNATED FOR REMOVAL. SEE NOTE 1
Hatch	LIMITS OF VEGETATION REMOVAL. 4" MINIMUM DEPTH
Hatch	LIMITS OF CONCRETE IMPROVEMENT REMOVAL
Shaded	LIMITS OF TRACK SURFACING REMOVAL
PC	PROTECT CONCRETE IMPROVEMENTS TO REMAIN
PF	PROTECT FENCE TO REMAIN
PP	PROTECT POST AN NETTING OF BATTING CAGE TO REMAIN
PS	PROTECT STORAGE CONTAINER TO REMAIN
PT	PROTECT TREE TO REMAIN
PU	PROTECT UTILITY TO REMAIN
RB	COORDINATE REMOVAL OF BLEACHER BY OWNER
RC	REMOVE CONCRETE IMPROVEMENTS
RF	REMOVE CHAIN LINK FENCE
RG	REMOVE FOOTBALL GOAL POST AND FOOTING
RP	REMOVE SAND COMPLETELY FROM JUMP PIT
RS	REMOVE TRACK SURFACING AND STRUCTURAL SECTION TO FULL DEPTH
RU	REMOVE UTILITY
RV	REMOVE AND SALVAGE IRRIGATION VALVE. RETURN TO OWNER
SC	SAWCUT
Tree symbol	REMOVE TREE
Line	LIMITS OF CHAIN LINK FENCE REMOVAL
Line	LIMITS OF CURB OR HEADER REMOVAL
Line (IRR)	LIMITS OF IRRIGATION MAIN LINE REMOVAL/ABANDONMENT
Line (L)	LIMITS OF IRRIGATION LATERAL LINE REMOVAL/ABANDONMENT
Line (SD)	LIMITS OF STORM DRAIN LINE REMOVAL

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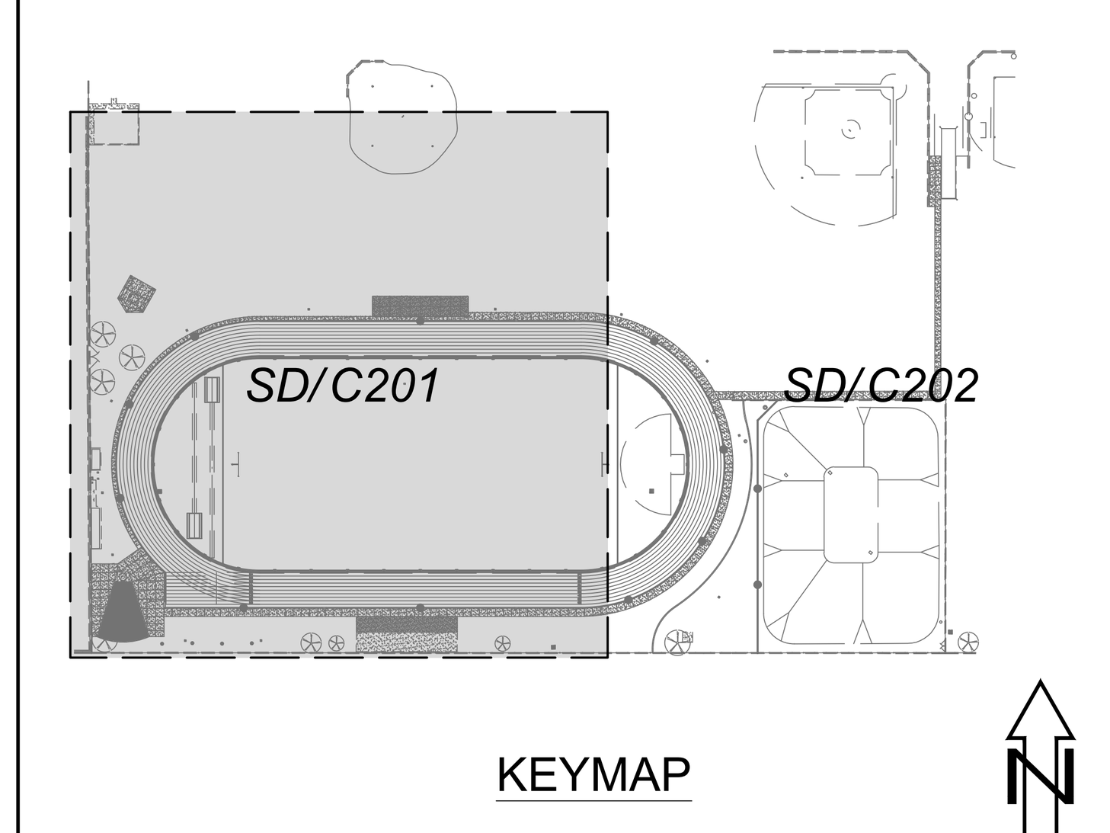

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Architect

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100% CONSTRUCTION DRAWINGS

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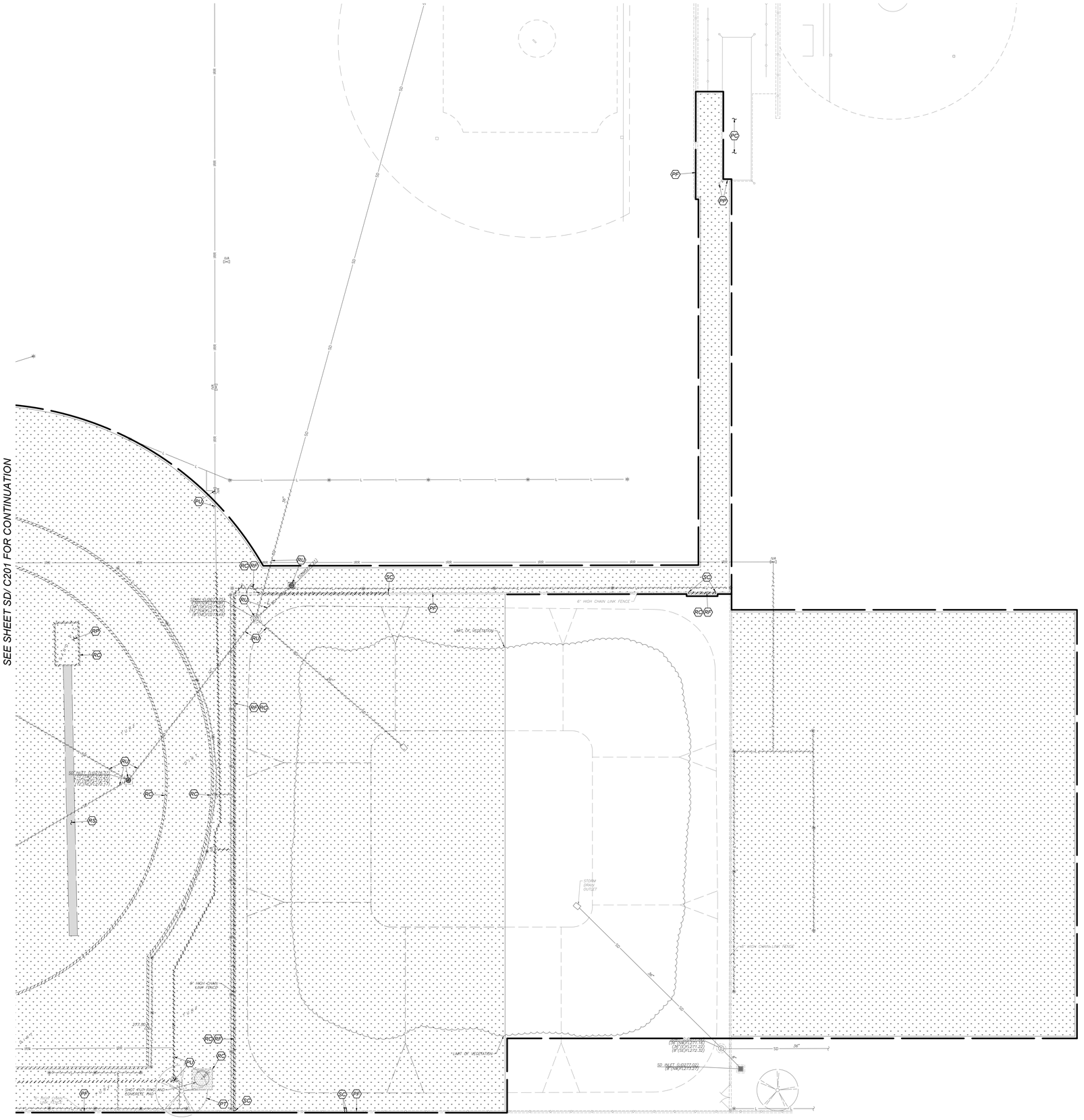

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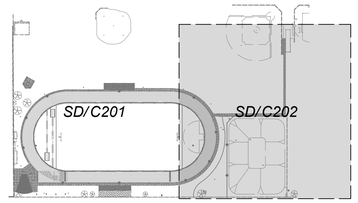

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REGISTERED PROFESSIONAL ENGINEER JEFFREY D. THOMAS No. 57218 CIVIL STATE OF CALIFORNIA

12/02/2024 Date Signed:

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LICENSED ARCHITECT ANTONIO J. AVILA No. C29235 Rev. 10-31-25 STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date

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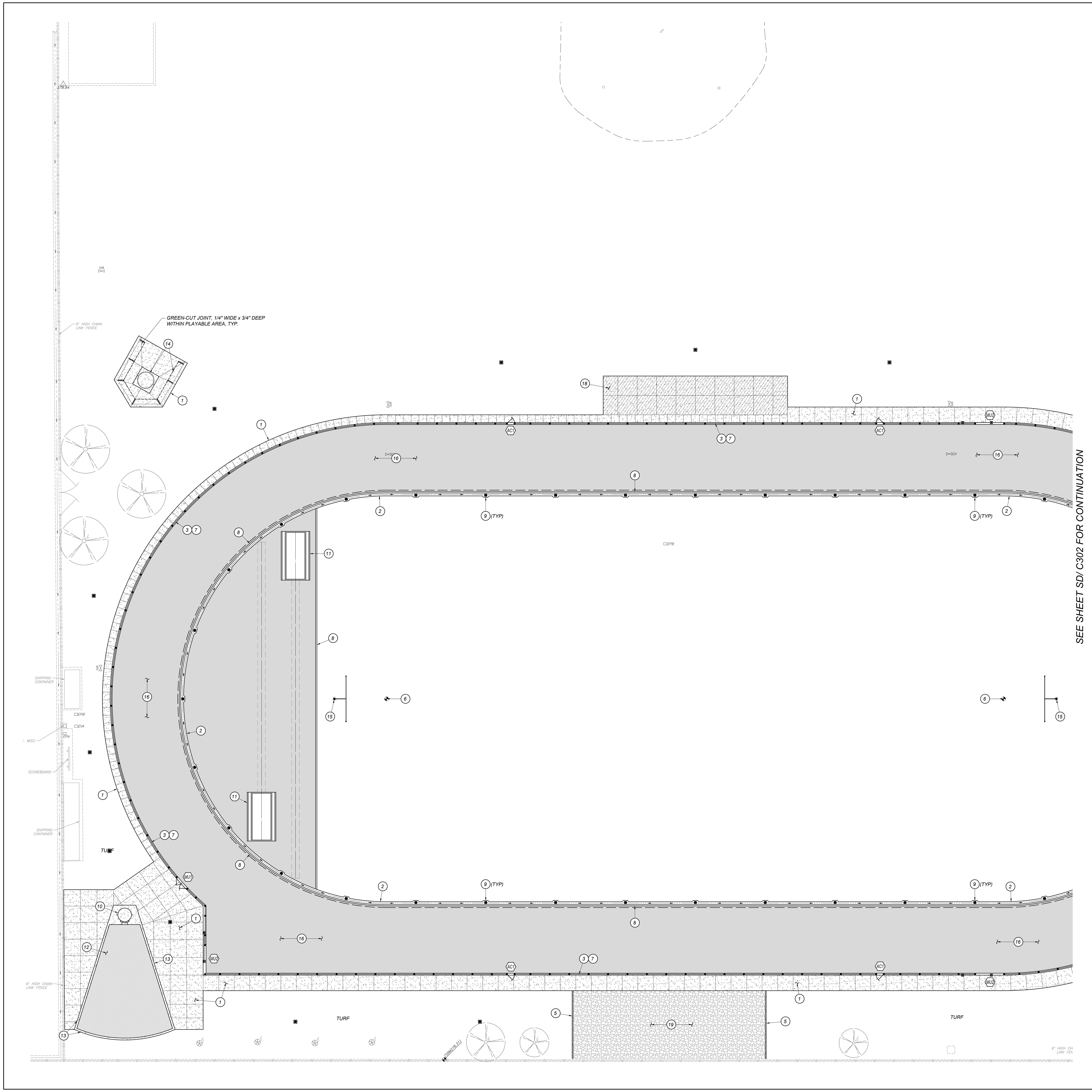

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SITE LEGEND:

[A/SD/X101]	[DETAIL DESIGNATION / SHEET LOCATION]
	LIMITS OF REGULAR-DUTY CONCRETE IMPROVEMENTS
	LIMITS OF HEAVY-DUTY CONCRETE IMPROVEMENTS
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	LIMITS OF DECOMPOSED GRANITE IMPROVEMENTS
	LIMITS OF AGGREGATE BASE IMPROVEMENTS
PL	PLANTER, SEE LANDSCAPE PLANS
TURF	TURF AREA, SEE PLANTING PLANS
	SINGLE SWING GATE AND DOUBLE SWING GATE PER [A/SD/X301].SEE HORIZONTAL CONTROL PLAN FOR WIDTH
	CHAIN LINK ROLL GATE PER [C/SD/X301]
	CHAIN LINK FENCE PER [A/SD/X301]
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2	CONCRETE VALLEY GUTTER PER [G/SD/X101]
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13	SHOT PUT THROWING AREA CONCRETE HEADER PER DETAIL [D/SD/X401]
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GATE HARDWARE LEGEND:

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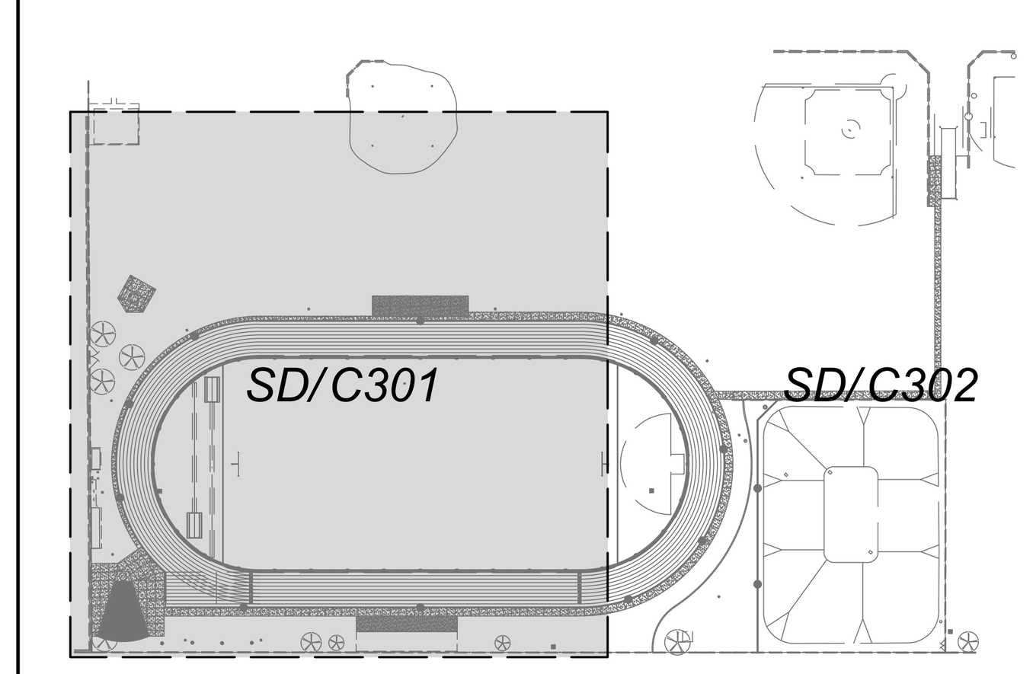

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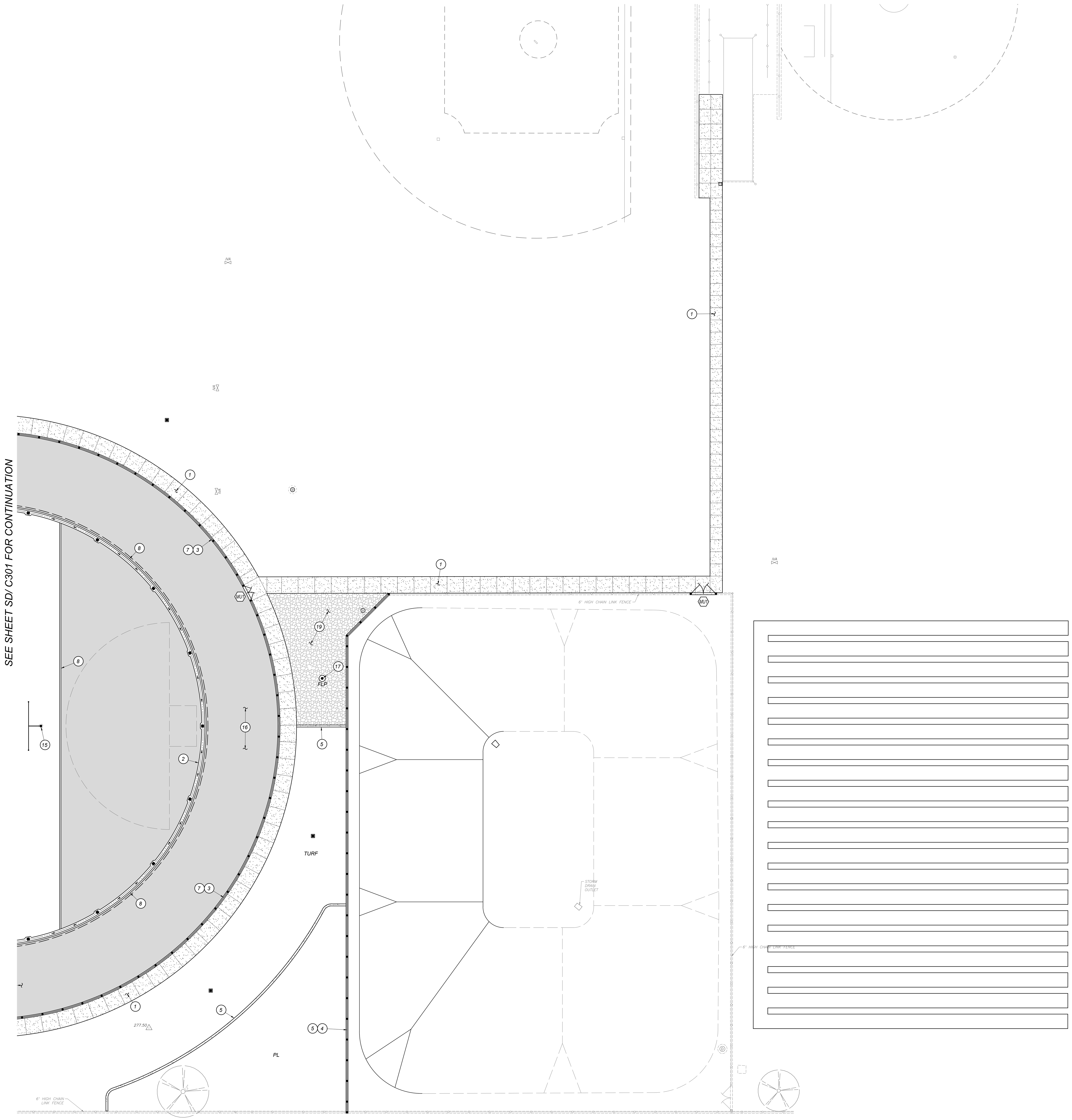

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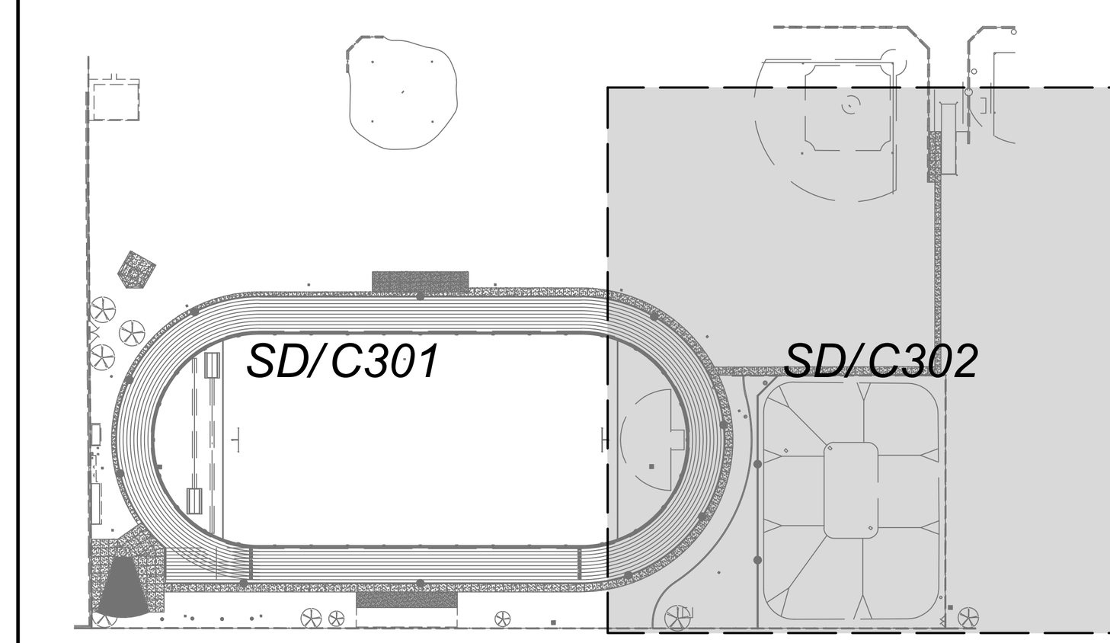

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Fax (559) 326-1500

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12/02/2024
Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

PARTIAL SITE PLAN

Drawing

darden architects
ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

LICENSED ARCHITECT ANTONIO J. AVILA No. C26235 Ren. 10-31-25 STATE OF CALIFORNIA

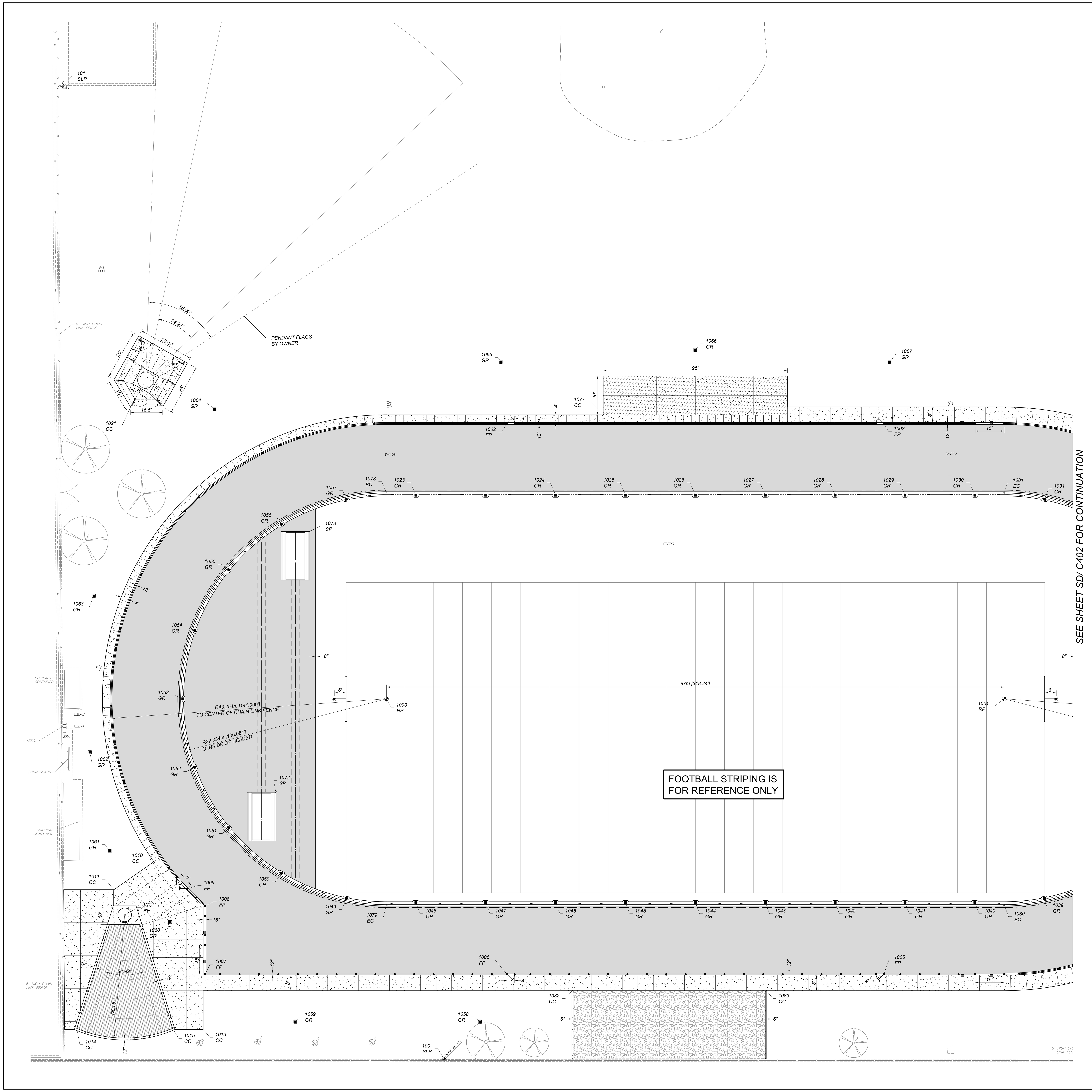
Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

	Designed By: KL	
Scale: 1" = 20'	Drawn By: TJ	SD/C302
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	Sheet: ______ of: ______

Drawing: P:\224-0293\Site\productiondrawings\224293si01.dwg; Layout2 - BCF.ctb
Plot by: kylawson Dec 03, 2024 - 12:16pm



NORTHING EASTING TABLE				
POINT	NORTHING	EASTING	ABV	DESCRIPTION
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101	1819285.15	6687999.90	SLP	SITE LAYOUT POINT
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1001	1818968.71	6688484.93	RP	RADIUS POINT
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1005	1818826.76	6688423.03	FP	FENCE POST
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1009	1818870.53	6688064.02	FP	FENCE POST
1010	1818884.43	6688046.82	CC	CORNER CONCRETE
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1012	1818857.06	6688031.84	RP	RADIUS POINT
1013	1818798.02	6688072.30	CC	CORNER CONCRETE
1014	1818798.53	6688007.19	CC	CORNER CONCRETE
1015	1818798.57	6688056.57	CC	CORNER CONCRETE
1018	1818782.28	6688659.86	FP	FENCE POST
1019	1819032.57	6688679.78	FP	FENCE POST
1020	1819033.39	6688841.09	CC	CORNER CONCRETE
1021	1819118.81	6688034.73	CC	CORNER CONCRETE
1022	1818991.82	6688647.71	FLP	FLAG POLE
1023	1819073.49	6688181.72	GR	DRAIN INLET GRATE
1024	1819073.54	6688253.73	GR	DRAIN INLET GRATE
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1027	1819073.61	6688361.74	GR	DRAIN INLET GRATE
1028	1819073.64	6688397.75	GR	DRAIN INLET GRATE
1029	1819073.66	6688433.75	GR	DRAIN INLET GRATE
1030	1819073.69	6688469.75	GR	DRAIN INLET GRATE
1031	1819071.64	6688505.62	GR	DRAIN INLET GRATE
1032	1819058.69	6688539.03	GR	DRAIN INLET GRATE
1033	1819035.26	6688566.13	GR	DRAIN INLET GRATE
1034	1819004.08	6688583.78	GR	DRAIN INLET GRATE
1035	1818968.78	6688589.92	GR	DRAIN INLET GRATE
1036	1818933.48	6688583.83	GR	DRAIN INLET GRATE
1037	1818902.27	6688566.22	GR	DRAIN INLET GRATE
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1045	1818863.59	6688289.88	GR	DRAIN INLET GRATE
1046	1818863.57	6688253.88	GR	DRAIN INLET GRATE
1047	1818863.54	6688217.87	GR	DRAIN INLET GRATE
1048	1818863.52	6688181.87	GR	DRAIN INLET GRATE
1049	1818865.57	6688146.00	GR	DRAIN INLET GRATE
1050	1818878.52	6688112.60	GR	DRAIN INLET GRATE
1051	1818901.94	6688085.49	GR	DRAIN INLET GRATE
1052	1818933.12	6688067.84	GR	DRAIN INLET GRATE
1053	1818968.42	6688061.70	GR	DRAIN INLET GRATE
1054	1819003.73	6688067.79	GR	DRAIN INLET GRATE
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1065	1819141.94	6688225.69	GR	DRAIN INLET GRATE
1066	1819148.51	6688325.69	GR	DRAIN INLET GRATE
1067	1819142.08	6688425.69	GR	DRAIN INLET GRATE
1068	1819116.61	6688572.57	GR	DRAIN INLET GRATE
1069	1819082.98	6688633.32	MH	DRAIN INLET GRATE
1070	1818915.69	6688643.30	GR	DRAIN INLET GRATE
1071	1818840.99	6688593.93	GR	DRAIN INLET GRATE
1072	1818920.31	6688109.68	SP	SAND PIT
1073	1819054.76	6688127.09	SP	SAND PIT
1075	1819040.87	6688616.90	CC	CORNER CONCRETE
1076	1819032.88	6688620.97	CC	CORNER CONCRETE
1077	1819114.98	6688278.21	CC	CORNER CONCRETE
1078	1819074.57	6688166.62	BC	BEGIN CURVE
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1082	1818818.15	6688262.43	CC	CORNER CONCRETE
1083	1818818.22	6688362.43	CC	CORNER CONCRETE

Know what's below. Call before you dig.

SCALE: 1"=20'

0 5 20 40 SCALE IN FEET

DSA File No.:

DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

HORIZONTAL CONTROL LEGEND:

100 LCP	LAYOUT COORDINATE POINT
100 SLP	SITE LAYOUT POINT
BC	BEGINNING OF CURVE
CC	CORNER OF CONCRETE
EC	END OF CURVE
GR	DRAIN INLET GRATE
FLP	FLAG POLE
FP	FENCE POST
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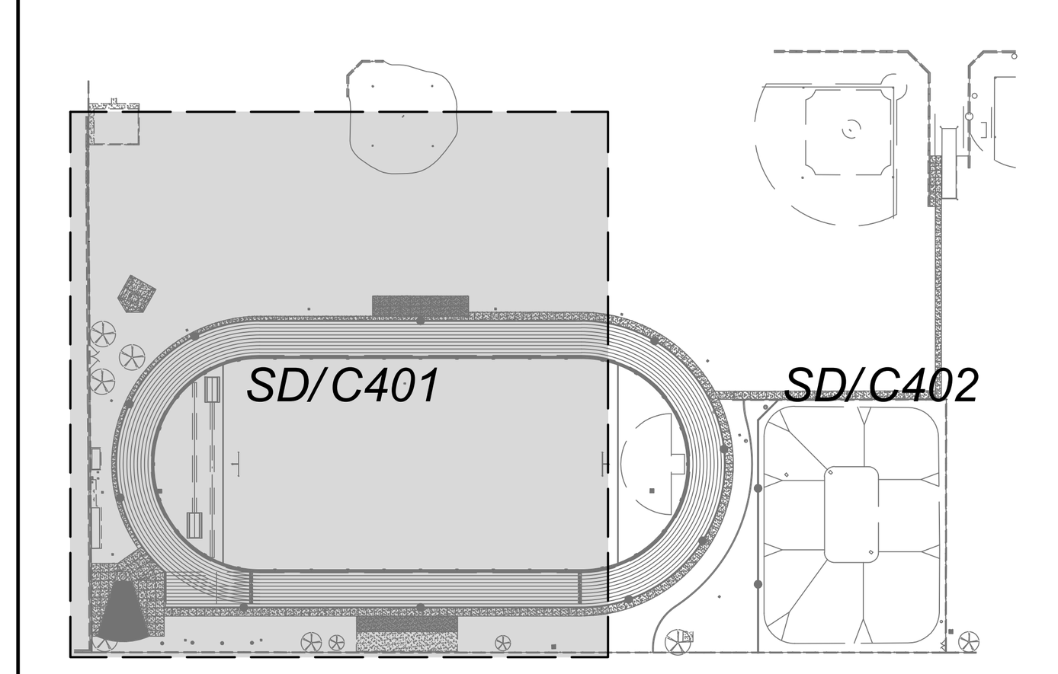
GENERAL HORIZONTAL CONTROL NOTES:

1. ALIGNMENT OF THE SITE LAYOUT GRID IS BASED ON AN ASSUMED COORDINATE SYSTEM.
2. SITE LAYOUT POINT 100 IS A CHISELED "X" IN CONCRETE MOWSTRIP APPROXIMATELY 196' EAST OF THE SOUTHWEST CORNER OF THE SITE.
3. SITE LAYOUT POINT 101 IS A CHISELED "X" IN CONCRETE APPROXIMATELY 501' NORTH OF THE SOUTHWEST CORNER OF THE SITE.
4. SITE LAYOUT POINT 102 IS A CHISELED "X" IN CONCRETE MOWSTRIP SCHEDULED TO BE REMOVED APPROXIMATELY 104' NORTHWEST OF THE SOUTHEAST CORNER OF THE PROPOSED BASIN FENCE.
5. DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.
6. PRIOR TO STARTING DEMOLITION AND STRIPING OF THE SITE, THE CONTRACTOR SHALL SET SITE CONTROL AND LAYOUT POINTS FOR THE PROJECT CORRESPONDING TO THE LAYOUT POINTS THE SITE RELATIVE TO THE TOPOGRAPHIC SURVEY THAT WAS COMPLETED BY BLAIR, CHURCH & FLYNN. THE TOPOGRAPHIC SURVEY AND BOUNDARY SURVEY WILL BE PROVIDED TO THE CONTRACTOR IN AUTOCAD FORMAT FOR USE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE CONTROL AND LAYOUT POINTS FOR THE DURATION OF THE PROJECT AND REPLACING THEM AS NECESSARY.



KEYMAP

General Notes

Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
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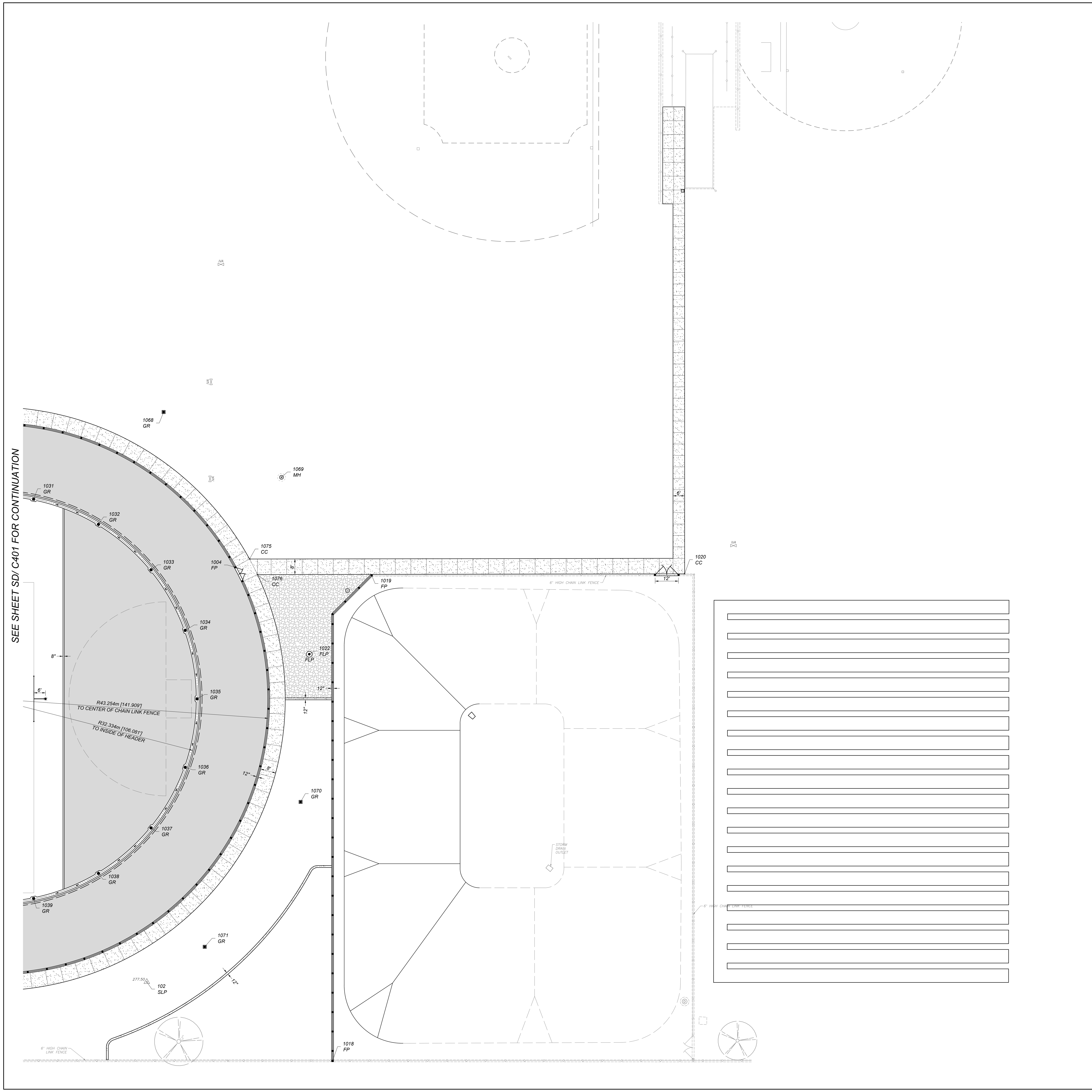

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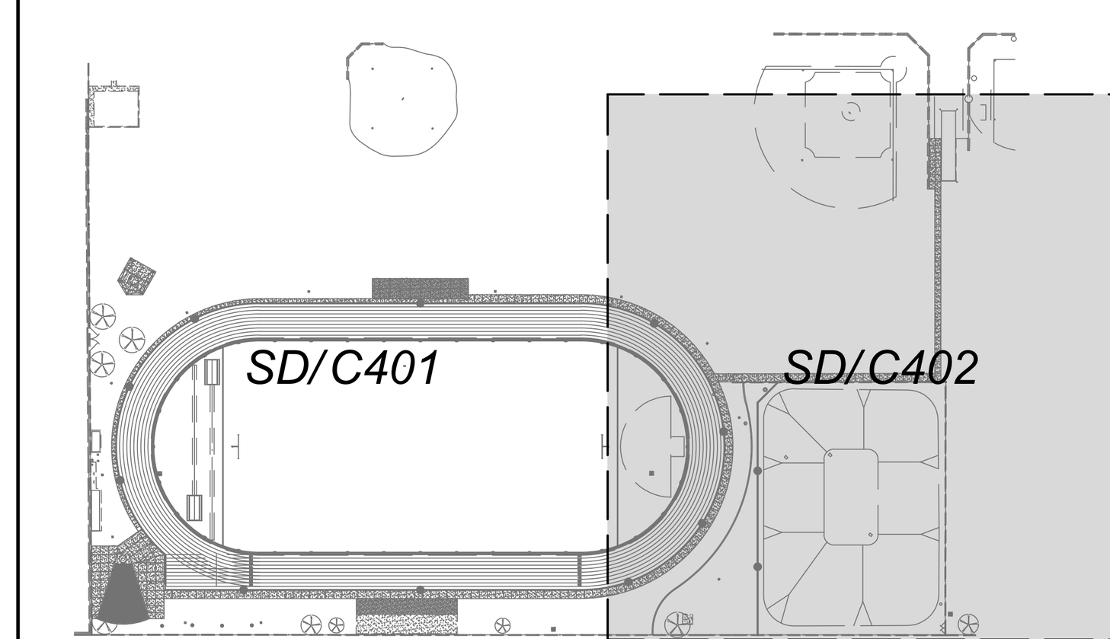

KEYMAP

General Notes

Blair, Church & Flynn
CONSULTING ENGINEERS
Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

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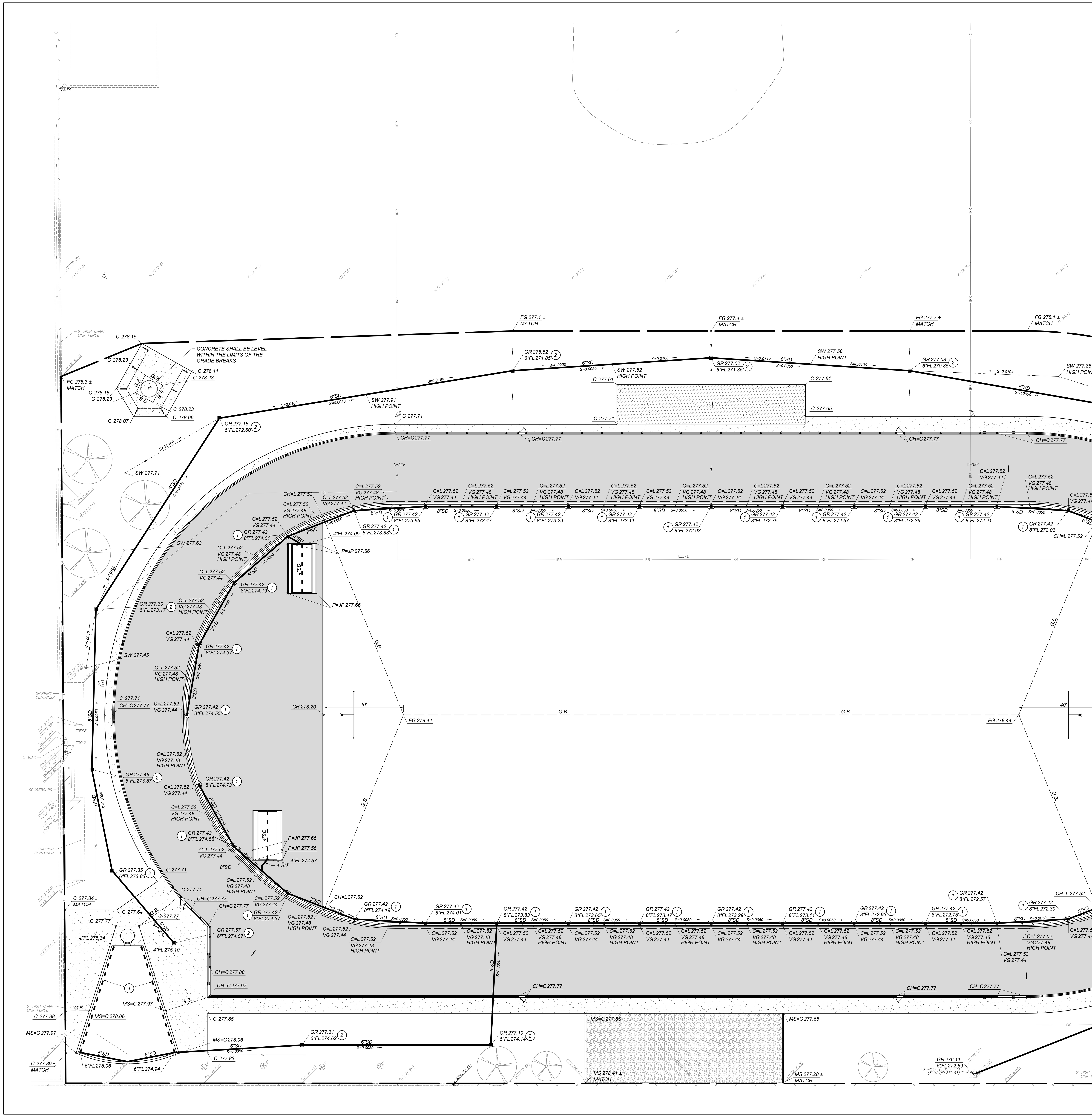


SEE SHEET SD/ C502 FOR CONTINUATION

GENERAL GRADING AND DRAINAGE NOTES:

THE REQUIREMENTS AND INFORMATION SET OUT BELOW ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE AND DO NOT ENCOMPASS ALL PROJECT REQUIREMENTS DESCRIBED BY THE PROJECT PLANS AND SPECIFICATIONS AND/OR APPLICABLE LAWS, REGULATIONS AND/OR BUILDING CODES.

1. CONSTRUCTION OF ALL PROJECT SITE IMPROVEMENTS SUBJECT TO ADA ACCESS COMPLIANCE, INCLUDING ACCESSIBLE PATH OF TRAVEL, CURB RETURNS, PARKING STALL(S) AND UNLOADING AREAS, BARRIER FREE AMENITIES AND/OR OTHER APPLICABLE SITE IMPROVEMENTS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT, CALIFORNIA TITLE 24, THE CALIFORNIA BUILDING CODE, CURRENT EDITION(S).
2. CONTRACTOR SHALL FIELD VERIFY ALL GRADES AND SLOPES PRIOR TO THE PLACEMENT OF CONCRETE AND/OR PAVEMENT FOR CONFORMANCE WITH ADA ACCESS COMPLIANCE REQUIREMENTS. EXAMPLES OF MINIMUM AND MAXIMUM LIMITS RELATED TO ADA ACCESS COMPLIANCE INCLUDE, BUT ARE NOT LIMITED TO:
   a) ACCESSIBLE PATH OF TRAVEL CROSS-SLOPE SHALL NOT EXCEED 2%
   b) ACCESSIBLE PATH OF TRAVEL LONGITUDINAL SLOPES SHALL NOT EXCEED 5%
   c) RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%
   d) ACCESSIBLE WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH
   e) ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
   f) LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
   g) GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP SHALL HAVE A COUNTER SLOPE NOT TO EXCEED 5%
3. CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITION(S) AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING ADA ACCESS COMPLIANCE.
4. GROUND SLOPES AWAY FROM BUILDING PADS IN LANDSCAPED OR DIRT AREAS SHALL BE NO LESS THAN 5% FOR AT LEAST TEN (10) FEET, OR AS OTHERWISE NOTED ON THE PLANS.
5. DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.
6. ALL FILL MATERIAL USED TO SUPPORT THE FOUNDATIONS OF ANY BUILDING OR STRUCTURE SHALL BE PLACED UNDER THE DIRECTION OF A LICENSED GEOTECHNICAL ENGINEER, AND IN COMPLIANCE WITH THE PROJECT SPECIFICATIONS. A SOILS COMPACTION REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AS REQUIRED BY THE PROJECT SPECIFICATIONS.
7. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.
8. THE CONTRACTOR SHALL IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS REQUIRED BY THE PROJECT SPECIFICATIONS AND THE STATE WATER RESOURCES CONTROL BOARD'S CONSTRUCTION GENERAL PERMIT. IMPLEMENT BEST MANAGEMENT PRACTICES WITHIN PUBLIC RIGHT OF WAY PER LOCAL JURISDICTION REQUIREMENTS.
9. AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POT HOLE THE EXISTING UTILITY LINES AT THE POINT OF CONNECTION TO VERIFY THE LOCATION, SIZE, PIPE MATERIAL AND ELEVATION SO THAT THE ENGINEER CAN MAKE ELEVATION AND/OR ALIGNMENT ADJUSTMENTS IF NECESSARY. SHOULD POT HOLING DISCOVER ANY DISCREPANCIES, CONTACT THE ENGINEER AND OBTAIN WRITTEN DIRECTION BEFORE PROCEEDING.
10. ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL [F/SD/X101]. REPLACE ALL BROKEN LIDS WITH NEW. PROVIDE TRAFFIC RATED LIDS AND BOXES WITHIN AREAS SUBJECT TO VEHICULAR TRAFFIC.
11. WATER TEST PAVEMENT WITHIN NEW IMPROVEMENT AREA. REPLACE PAVEMENT WHERE BIRD BATHS OCCUR AFTER TEST AS DIRECTED BY THE INSPECTOR OR ENGINEER.
12. MINIMUM SLOPE ON IMPERVIOUS SURFACES PERPENDICULAR TO ADJACENT STRUCTURE(S), WITHIN ADA PATH, SHALL BE 1% MINIMUM AND 2% MAXIMUM. WHERE DOOR AND GATE LANDINGS OCCUR THE CROSS SLOPE SHALL BE 2% MAXIMUM IN ALL DIRECTIONS

SITE BENCHMARK:

CHISELED X IN CONCRETE MOWSTRIP, APPROXIMATELY 196 FEET EAST OF THE SOUTHWEST CORNER OF THE SITE

ELEV.= 278.31 NAVD88

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

SCALE: 1"=20'

0 5 20 40
SCALE IN FEET

DSA File No.:

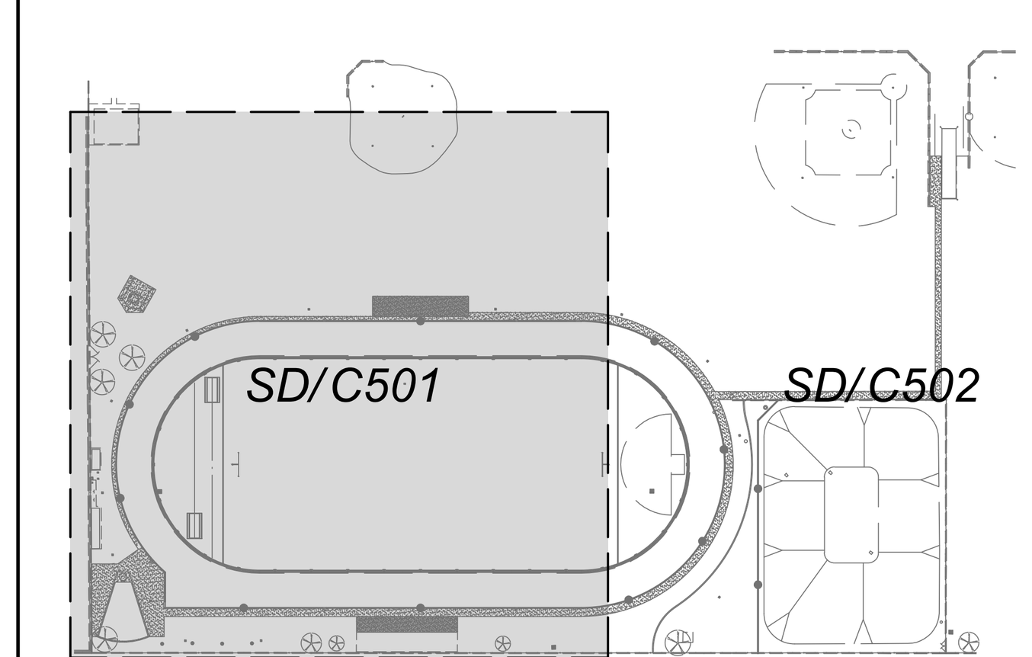
DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

GRADING AND DRAINAGE LEGEND:

Symbol	Description
(heavy dashed line)	LIMITS OF GRADING
C	CONCRETE
CH	CONCRETE HEADER
FG	FINISHED GRADE
FL	FLOWLINE
G	GUTTER
GR	STORM DRAIN GRATE
JP	JUMP PIT
LPB	LIGHT POLE BASE
MS	MOWSTRIP
P	PAVEMENT
SW	SWALE
TC	TOP OF CURB
(344.9)	EXISTING ELEVATION
328.78	NEW FINISHED GRADE
S=0.0020 →	FLOWLINE SLOPE AND DIRECTION OF FLOW
S=0.0050 →	PIPE SLOPE AND DIRECTION OF FLOW
→	DIRECTION OF SURFACE DRAINAGE
(D)	STORM DRAIN MANHOLE PER DETAIL [D/SD/X201]
●CO	SURFACE CLEANOUT PER [B/SD/X201]
→ - - -	SWALE AND DIRECTION OF FLOW
G.B.	GRADE BREAK
6"SD	STORM DRAIN PIPELINE; SIZE AS NOTED. TRENCH AND BACKFILL PER [A/SD/X201]
4"SD	4" PERFORATED STORM DRAIN
(1)	P6 STORM DRAIN INLET PER DETAIL [C/SD/X201]
(2)	V12 STORM DRAIN INLET PER DETAIL [F/SD/X201]
(3)	CAP STORM DRAIN LINE FOR FUTURE USE
(4)	MULTI-FLOW COMPOSITE DRAIN PER [G/SD/X401]



KEYMAP

N

General Notes

Blair, Church & Flynn
CONSULTING ENGINEERS
Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER — ZACHARY D. HOLLETT — No. 87218 — CIVIL — STATE OF CALIFORNIA

12/02/2024
Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements

Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

PARTIAL GRADING & DRAINAGE PLAN

Drawing

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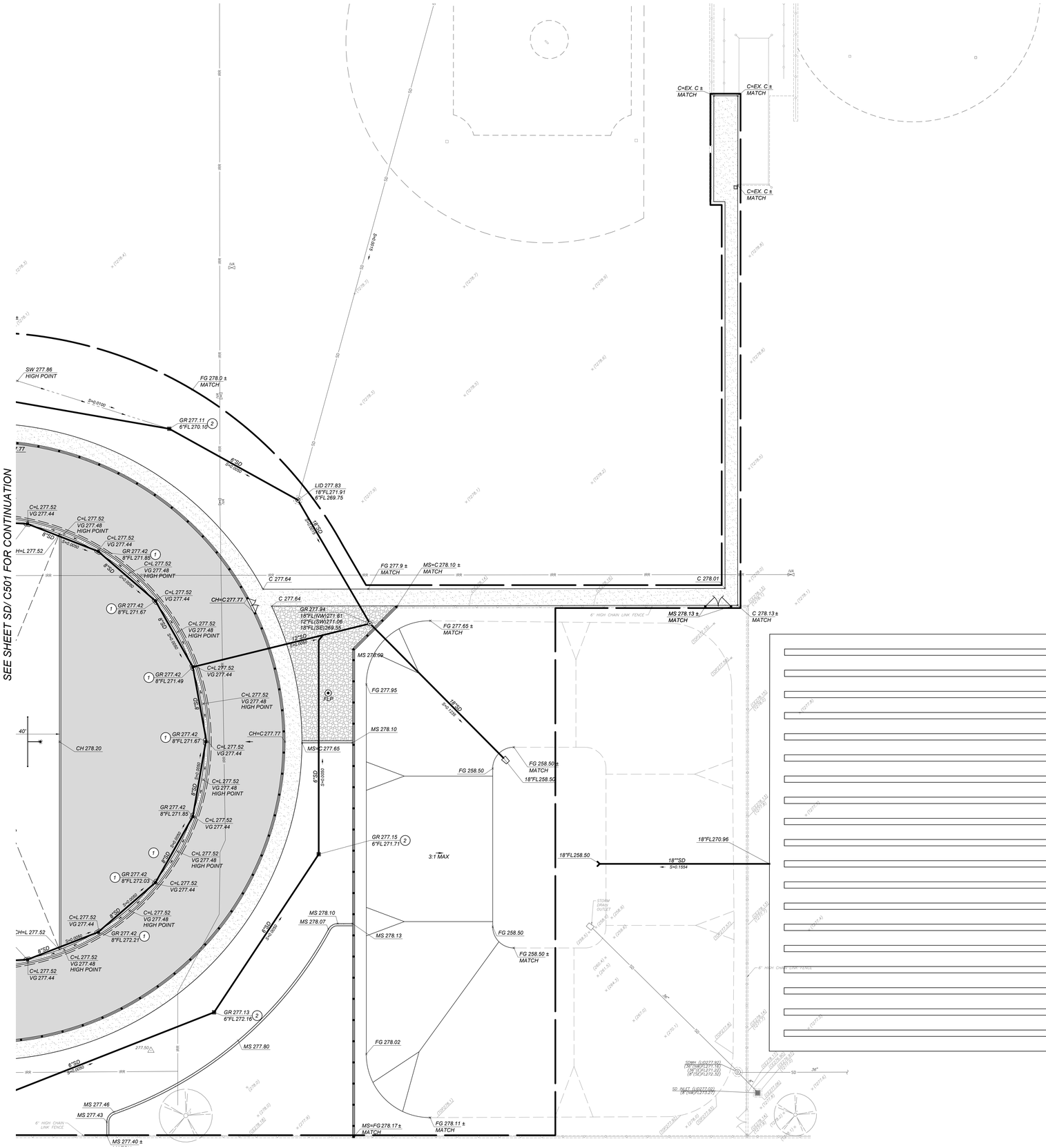
LICENSED ARCHITECT — ANTONIO J. AVILA — No. C26235 — Ren. 10-31-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

	Designed By: KL	
Scale: 1" = 20'	Drawn By: TJ	SD/C501
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	Sheet: ____ of: ____



GENERAL GRADING AND DRAINAGE NOTES:

THE REQUIREMENTS AND INFORMATION SET OUT BELOW ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE AND DO NOT ENCOMPASS ALL PROJECT REQUIREMENTS DESCRIBED BY THE PROJECT PLANS AND SPECIFICATIONS AND/OR APPLICABLE LAWS, REGULATIONS AND/OR BUILDING CODES.

1. *CONSTRUCTION OF ALL PROJECT SITE IMPROVEMENTS SUBJECT TO ADA ACCESS COMPLIANCE, INCLUDING ACCESSIBLE PATH OF TRAVEL, CURB RETURNS, PARKING STALL(S) AND UNLOADING AREAS, BARRIER FREE AMENITIES AND/OR OTHER APPLICABLE SITE IMPROVEMENTS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT, CALIFORNIA TITLE 24, THE CALIFORNIA BUILDING CODE, CURRENT EDITION(S).*
2. *CONTRACTOR SHALL FIELD VERIFY ALL GRADES AND SLOPES PRIOR TO THE PLACEMENT OF CONCRETE AND/OR PAVEMENT FOR CONFORMANCE WITH ADA ACCESS COMPLIANCE REQUIREMENTS. EXAMPLES OF MINIMUM AND MAXIMUM LIMITS RELATED TO ADA ACCESS COMPLIANCE INCLUDE, BUT ARE NOT LIMITED TO:*
   a) *ACCESSIBLE PATH OF TRAVEL CROSS-SLOPE SHALL NOT EXCEED 2%*
   b) *ACCESSIBLE PATH OF TRAVEL LONGITUDINAL SLOPES SHALL NOT EXCEED 5%*
   c) *RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%*
   d) *ACCESSIBLE WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH*
   e) *ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION*
   f) *LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION*
   g) *GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP SHALL HAVE A COUNTER SLOPE NOT TO EXCEED 5%*
3. *CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITION(S) AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING ADA ACCESS COMPLIANCE.*
4. *GROUND SLOPES AWAY FROM BUILDING PADS IN LANDSCAPED OR DIRT AREAS SHALL BE NO LESS THAN 5% FOR AT LEAST TEN (10) FEET, OR AS OTHERWISE NOTED ON THE PLANS.*
5. *DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.*
6. *ALL FILL MATERIAL USED TO SUPPORT THE FOUNDATIONS OF ANY BUILDING OR STRUCTURE SHALL BE PLACED UNDER THE DIRECTION OF A LICENSED GEOTECHNICAL ENGINEER, AND IN COMPLIANCE WITH THE PROJECT SPECIFICATIONS. A SOILS COMPACTION REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AS REQUIRED BY THE PROJECT SPECIFICATIONS.*
7. *THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.*
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SCALE IN FEET

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G	GUTTER
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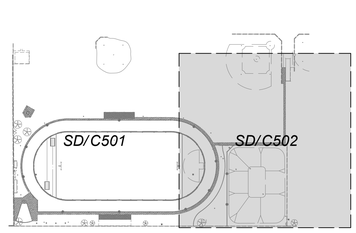

KEYMAP

General Notes

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REGISTERED PROFESSIONAL ENGINEER
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No. 61216
CIVIL
STATE OF CALIFORNIA

12/02/2024
Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

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LICENSED ARCHITECT
ANTONIO J. AVILA
No. C29235
REG. 10-31-25
STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

	Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ	
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	

SD/C502

Sheet: _____ of: _____

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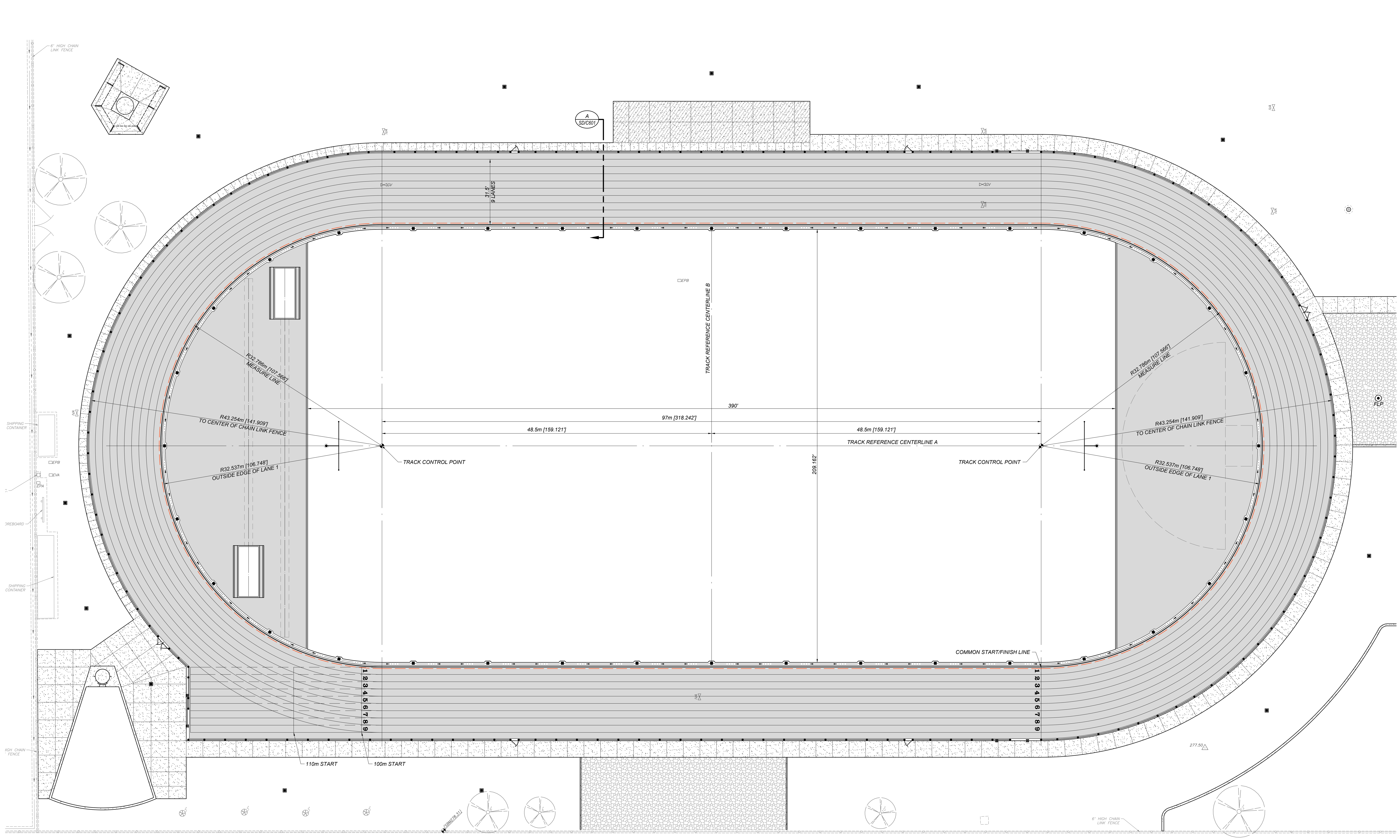

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TRACK GENERAL NOTES:

1. THE TRACK SURFACING CONTRACTOR IS RESPONSIBLE FOR THE CALCULATION, LAYOUT AND PAINTING OF ALL RACE MONUMENTATION POINTS BASED ON THE SPECIFIC DIMENSIONAL CHARACTERISTICS OF THIS TRACK. SPECIFIC MONUMENTATION REQUIREMENTS AND LIST OF RACES TO BE MARKED SHALL COMPLY WITH NFHS STANDARDS.
2. TRACK STRIPING SHALL BE 2 INCHES WIDE UNLESS NOTED OTHERWISE.
3. TRACK SURFACING AND STRIPING SHALL BE PROVIDED UNDER A SEPARATE CONTRACT WITH THE OWNER.
4. THE SITE CONTRACTOR SHALL COORDINATE WITH THE TRACK SURFACING CONTRACTOR.
5. THE TRACK SURFACING CONTRACTOR SHALL REVIEW AND ACCEPT THE AC PAVEMENT AND CONCRETE SURFACES RECEIVING TRACK SURFACING PRIOR TO THE START OF SURFACING INSTALLATION.
6. THE SITE CONTRACTOR SHALL PROVIDE A WATER TRUCK, 10' STRAIGHT EDGE OR OTHER ACCESSORIES OR EQUIPMENT NECESSARY FOR THE TRACK SURFACING CONTRACTOR TO PERFORM THEIR REVIEW.
7. SEE DETAIL [A/SD/C601] FOR TRACK LANE LAYOUT.
8. SITE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS OR ADJUSTMENTS TO THE AC PAVEMENT AS A RESULT OF THE TRACK SURFACING CONTRACTOR'S REVIEW.

TRACK & FIELD GEOMETRY:

LANE WIDTH: 9 LANES AT 42 INCHES

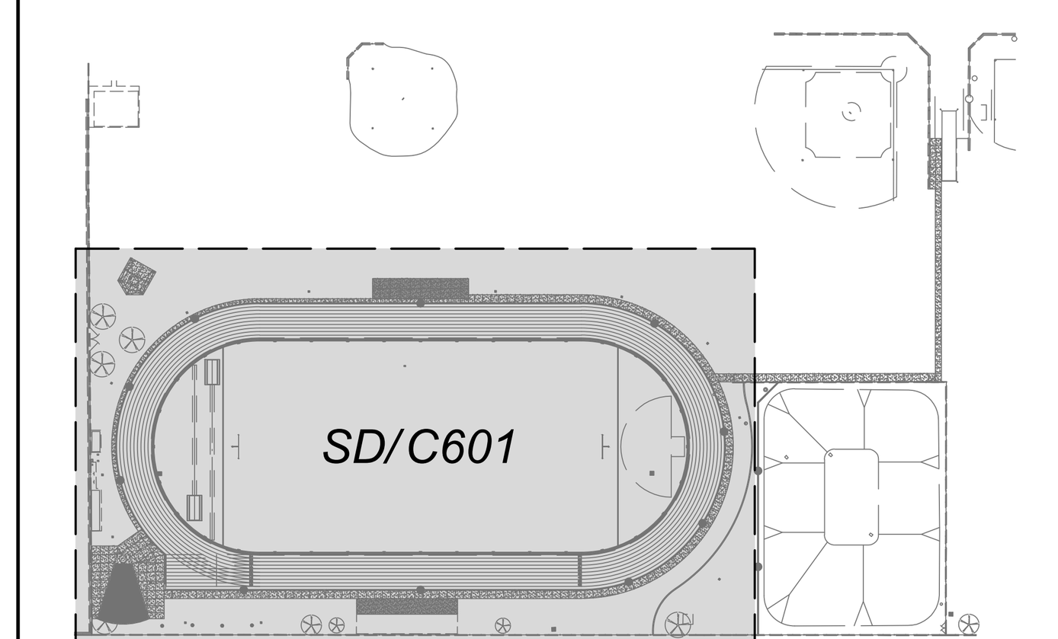
MEASURE LINE RADIUS: 32.786M (107.566 FT)

LANE 1 OFFSET TO MEASURE LINE: 20 CM

STRAIGHT-AWAY LENGTH: 97.000M (318.242 FT)

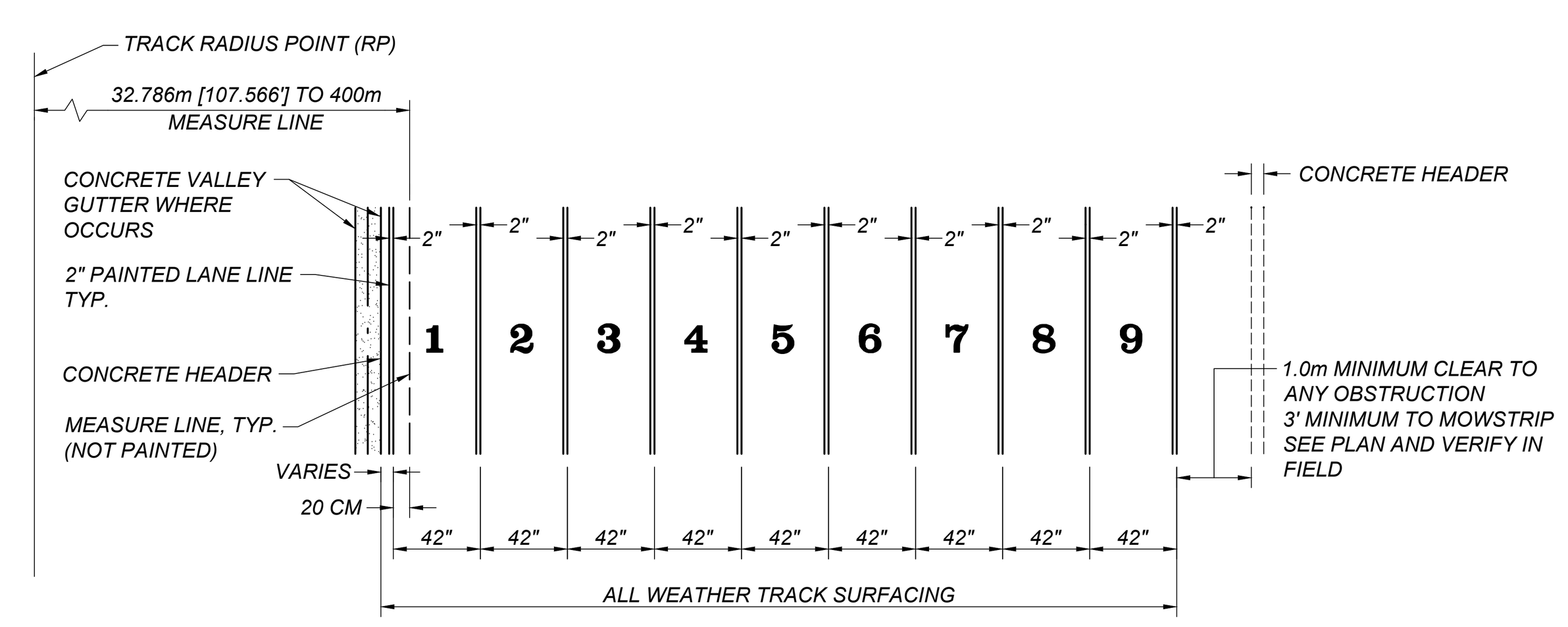
FIELD LENGTH: 390.000 FT

FIELD WIDTH: 209.162 FT



KEYMAP

THE TRACK SURFACING AND STRIPING LAYOUT PLAN IS FOR REFERENCE ONLY. TRACK SURFACING AND STRIPING ARE FURNISHED AND INSTALLED BY THE OWNER UNDER A SEPARATE CONTRACT. THE SITE CONTRACTOR SHALL COMPLY WITH THE 'TRACK GENERAL NOTES' THAT SPECIFY THE RESPONSIBILITIES OF BOTH THE SITE CONTRACTOR AND TRACK SURFACING CONTRACTOR.



A SD/C601 TYPICAL TRACK LANE LAYOUT
NOT TO SCALE

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

SCALE: 1"=20'
0 5 20 40
SCALE IN FEET

General Notes

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Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER ZACHARY D. HOCKETT No. 87218 CIVIL STATE OF CALIFORNIA
12/02/2024
Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
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Project

TRACK SURFACING AND STRIPING PLAN

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LICENSED ARCHITECT ANTONIO J. AVILA No. C26235 Ren. 10-31-25 STATE OF CALIFORNIA

Architect

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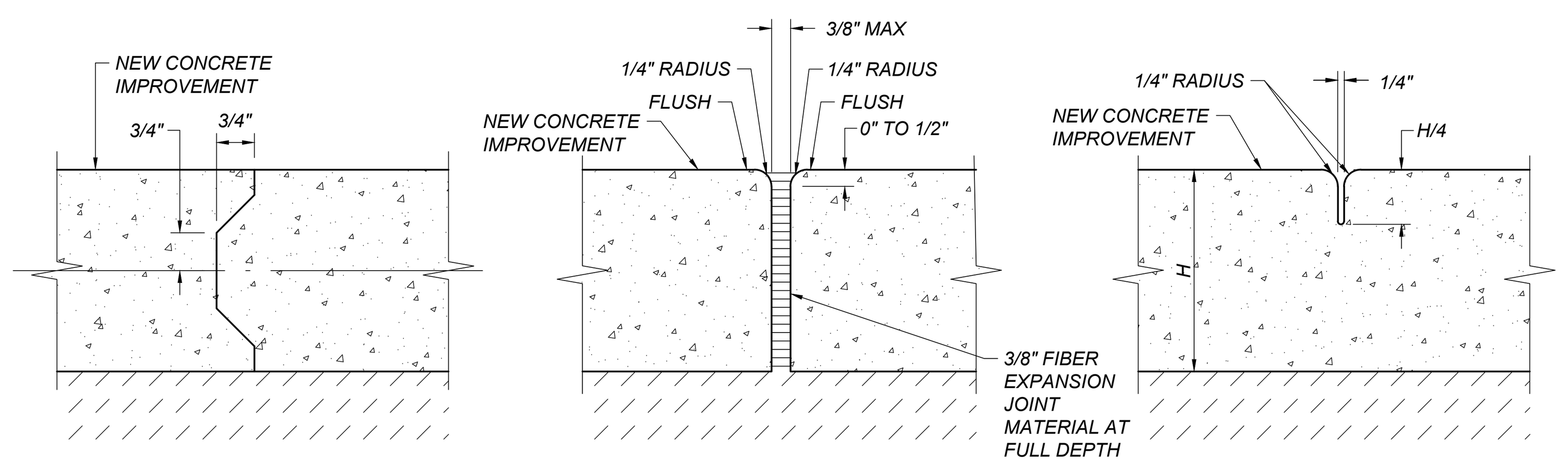
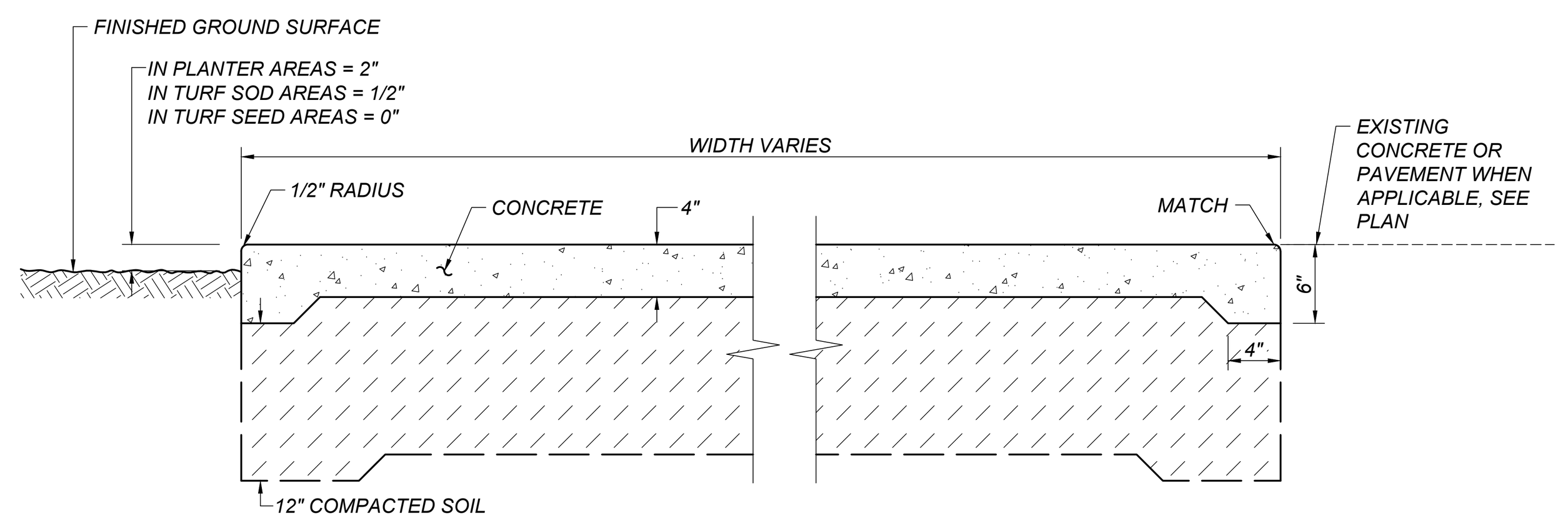
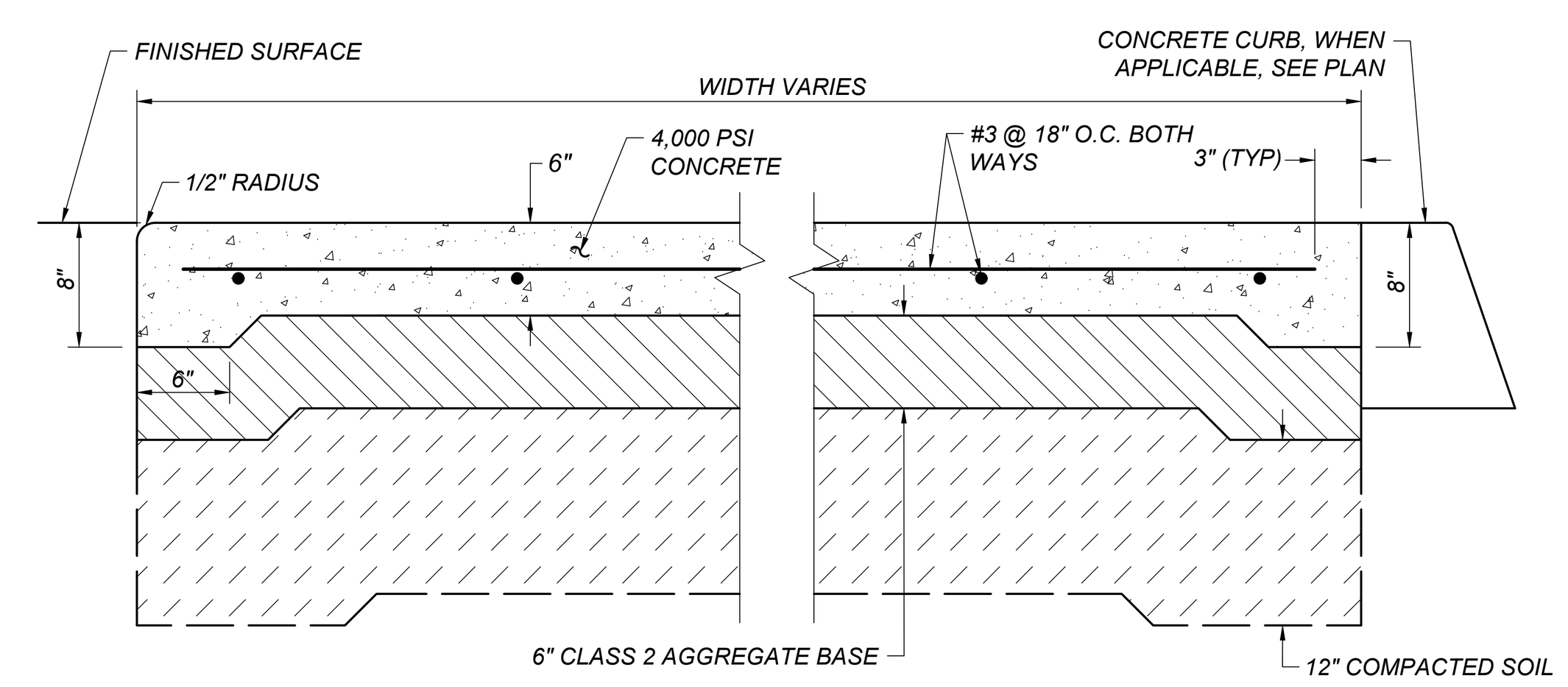
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	Sheet: ____ of: ____

Drawing: P:\224-0293\Site\productiondrawings\224293trk01.dwg; Layout1 - BCF.ctb
Plot by: kylawson Dec 03, 2024 - 12:17pm

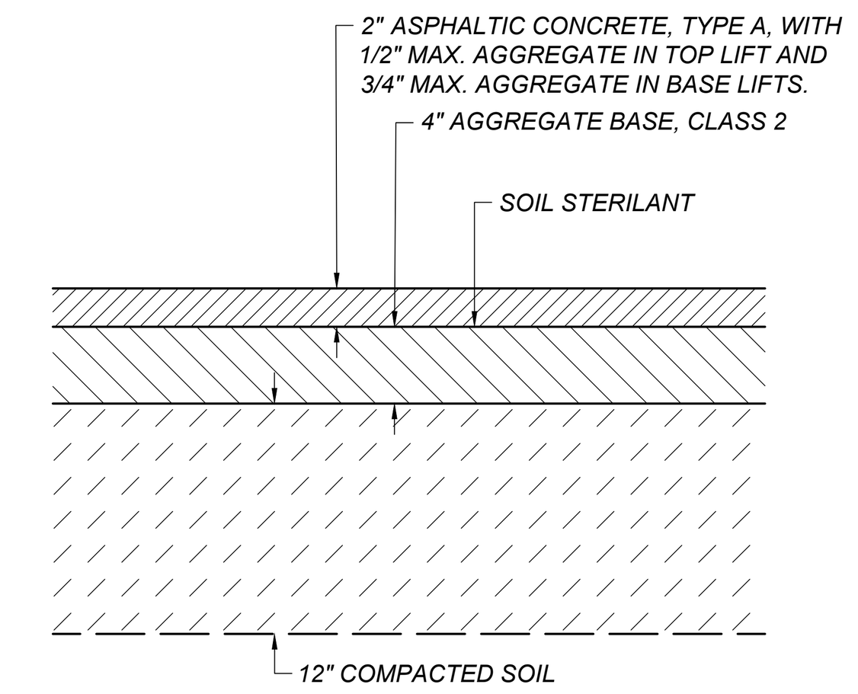




A — REGULAR-DUTY CONCRETE (SD/X101)
NOT TO SCALE



B — HEAVY-DUTY CONCRETE PAVEMENT STRUCTURAL SECTION (SD/X101)
NOT TO SCALE



C — ASPHALT CONCRETE PAVEMENT STRUCTURAL SECTION (SD/X101)
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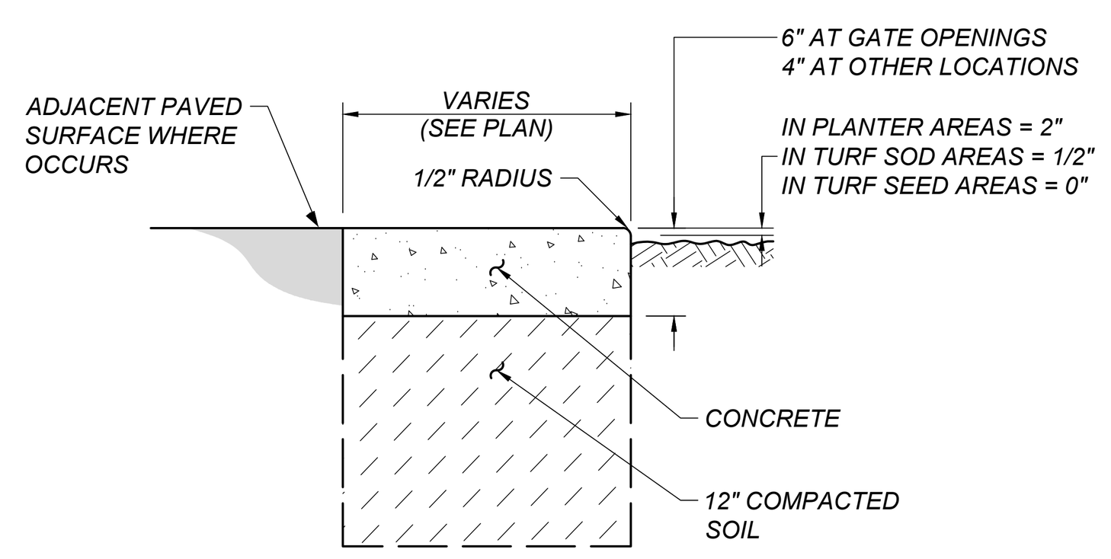
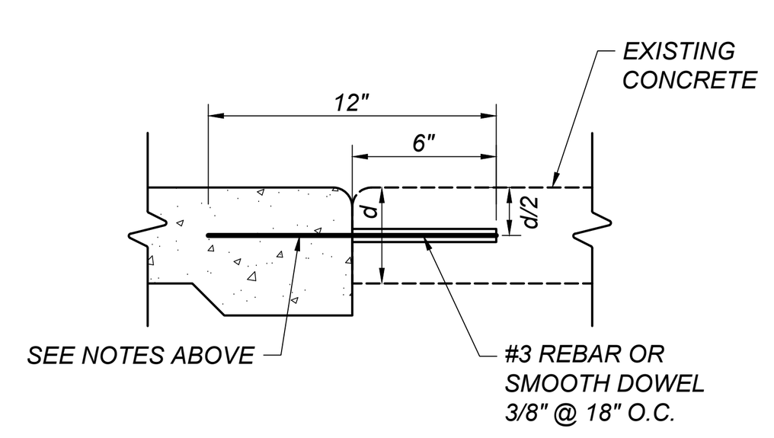


D — CONCRETE MOWSTRIP (SD/X101)
NOT TO SCALE

NOTES:

1. DRILL HOLE 1/8" LARGER THAN DOWEL DIAMETER.
2. CLEAN HOLE THOROUGHLY OF DUST AND FRAGMENTS WITH WATER, WIRE BRUSH, AND AIR.
3. FILL HOLE WITH APPROVED ADHESIVE BEFORE INSERTING DOWEL INTO EXISTING CONCRETE.
4. WHERE SMOOTH DOWEL IS USED, APPLY BOND BREAKER TO SIDE IN NEW CONCRETE AS REQUIRED TO ALLOW HORIZONTAL MOVEMENT OF CONCRETE.
5. WHERE DEFORMED REBAR DOWEL IS USED, PROVIDE APPROVED WRAP ON SIDE IN NEW CONCRETE AS REQUIRED TO ALLOW HORIZONTAL MOVEMENT OF CONCRETE.
6. TESTING AND INSPECTION OF DOWELS NOT REQUIRED.



E — DOWEL BAR (SD/X101)
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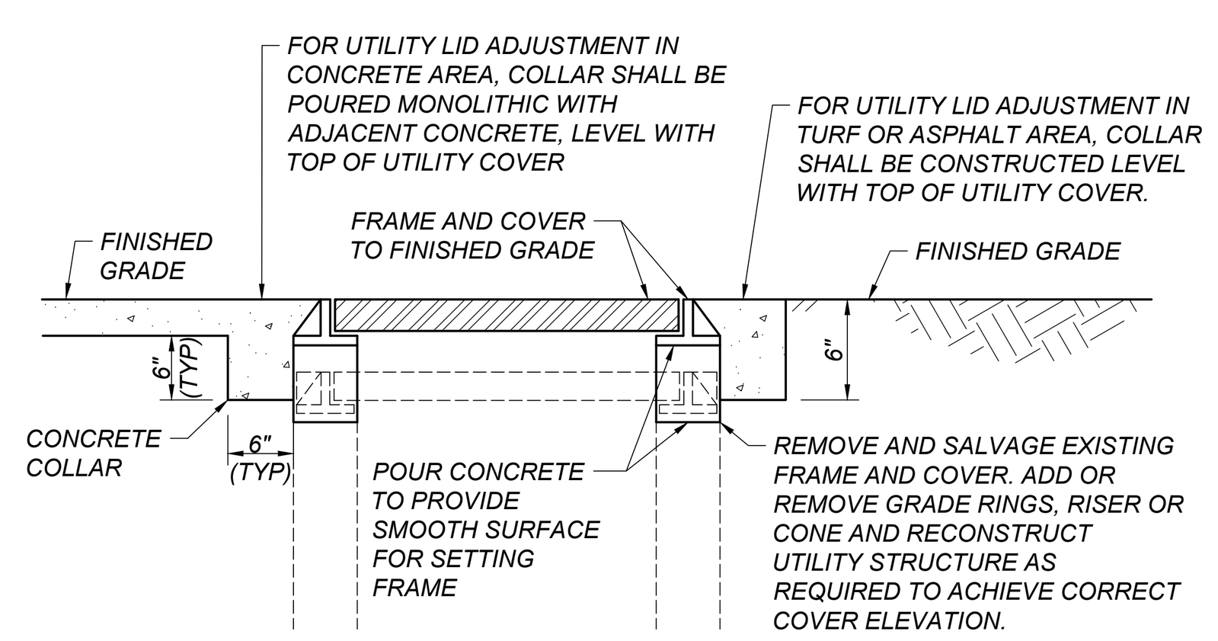
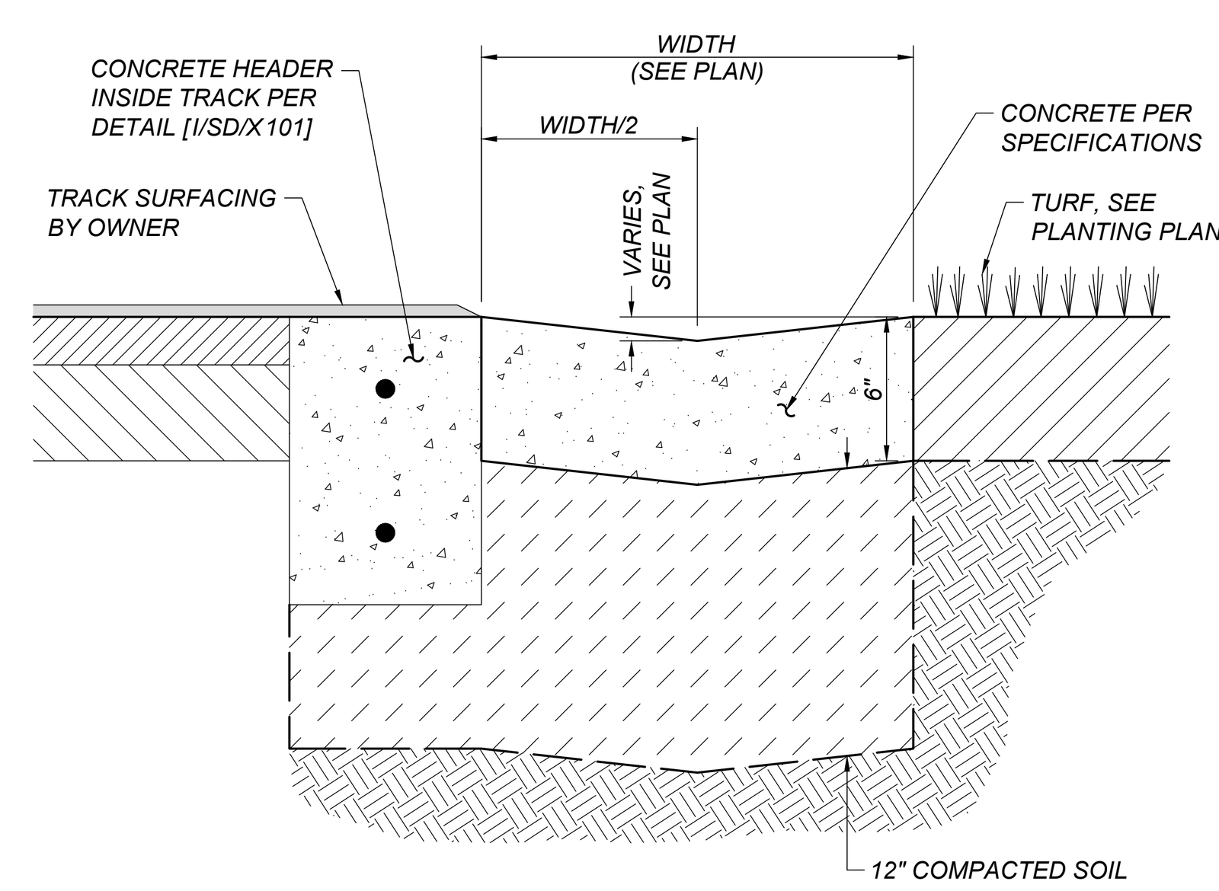


F — ADJUST UTILITY LID (SD/X101)
NOT TO SCALE



G — CONCRETE VALLEY GUTTER (SD/X101)
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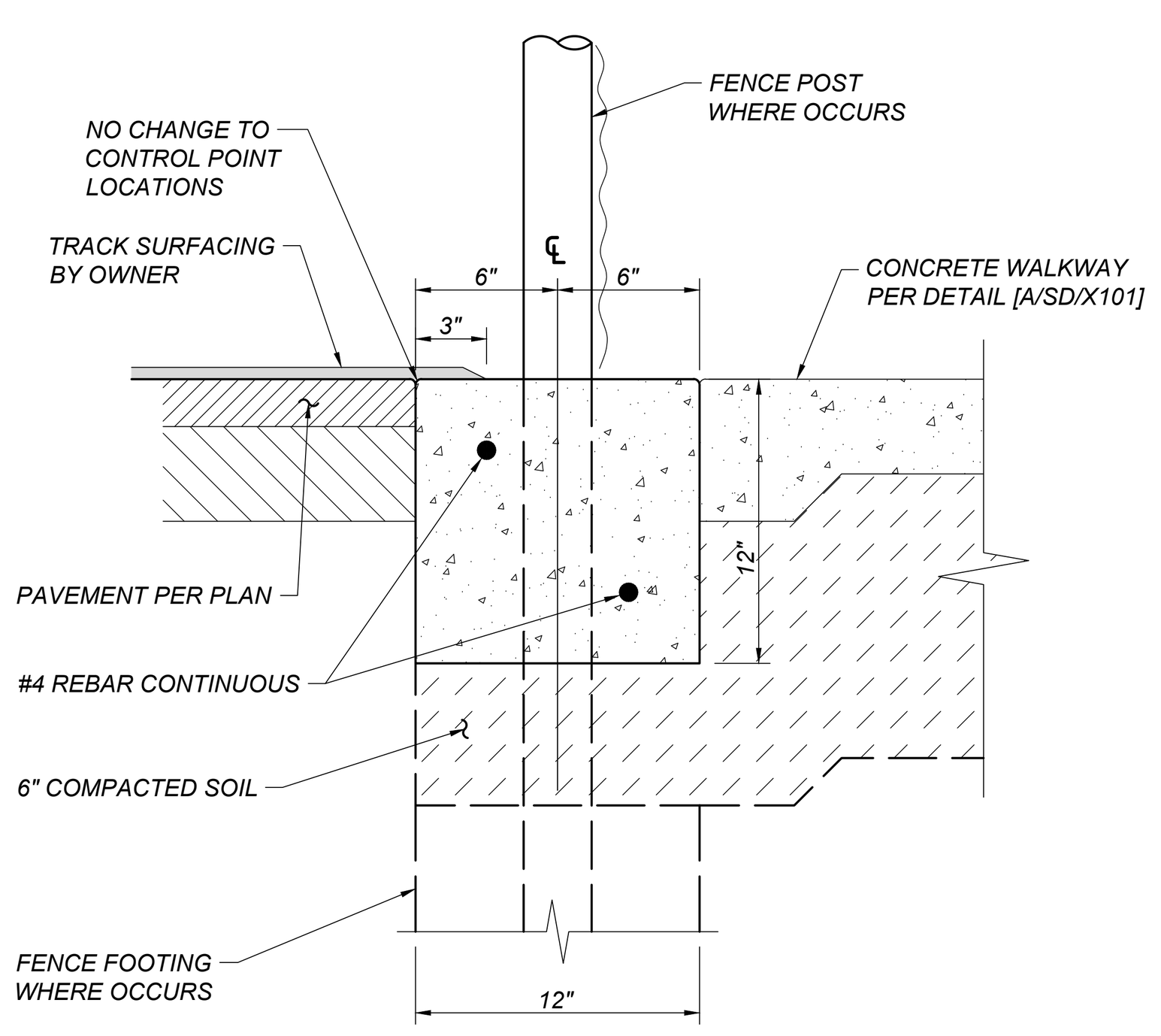
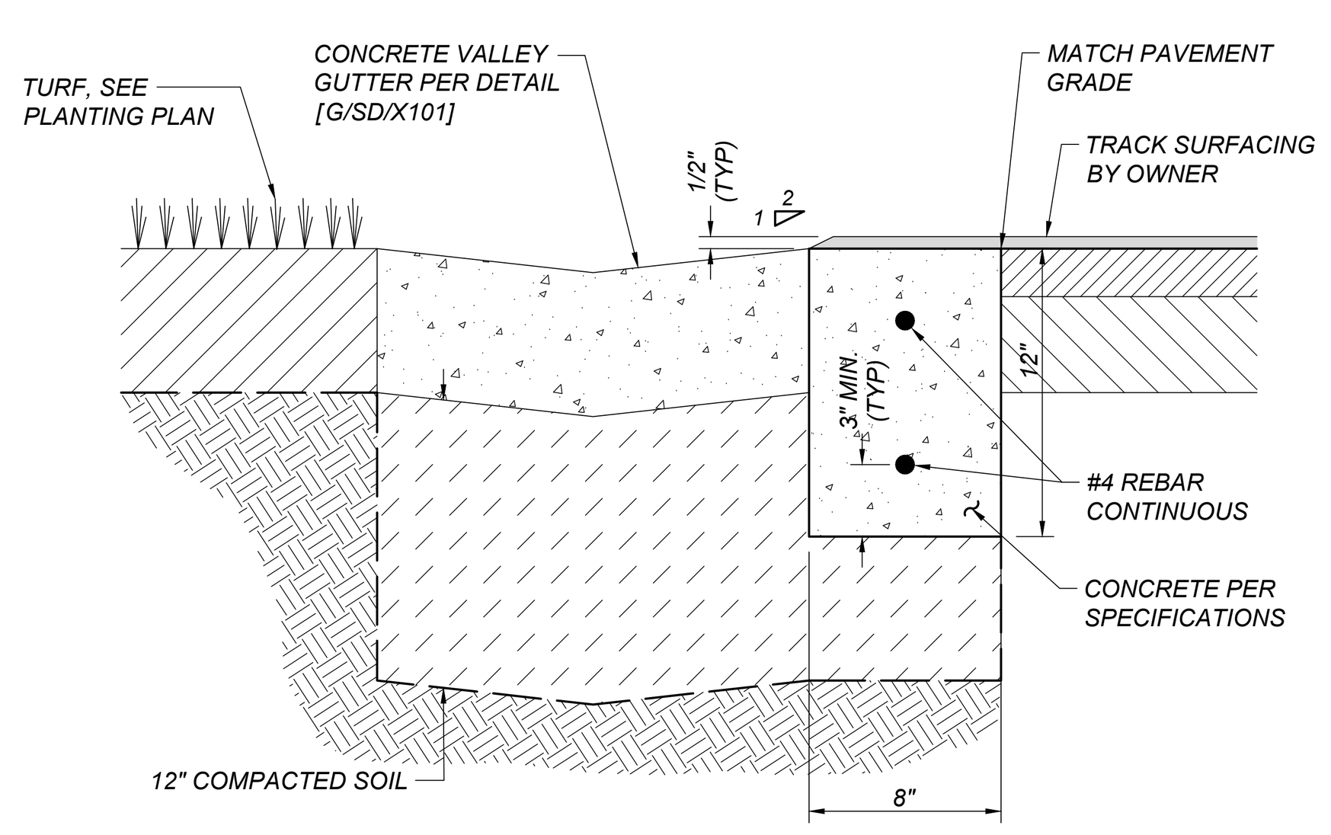
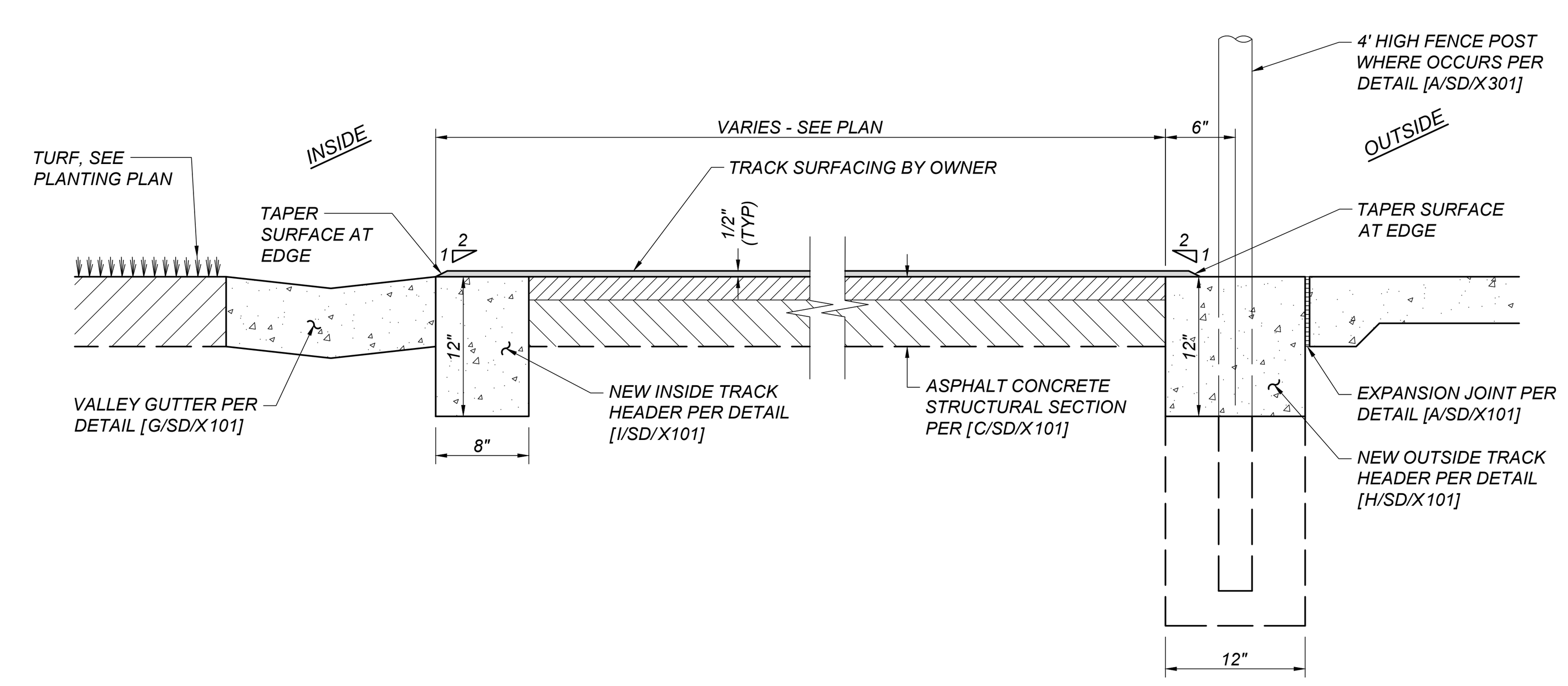


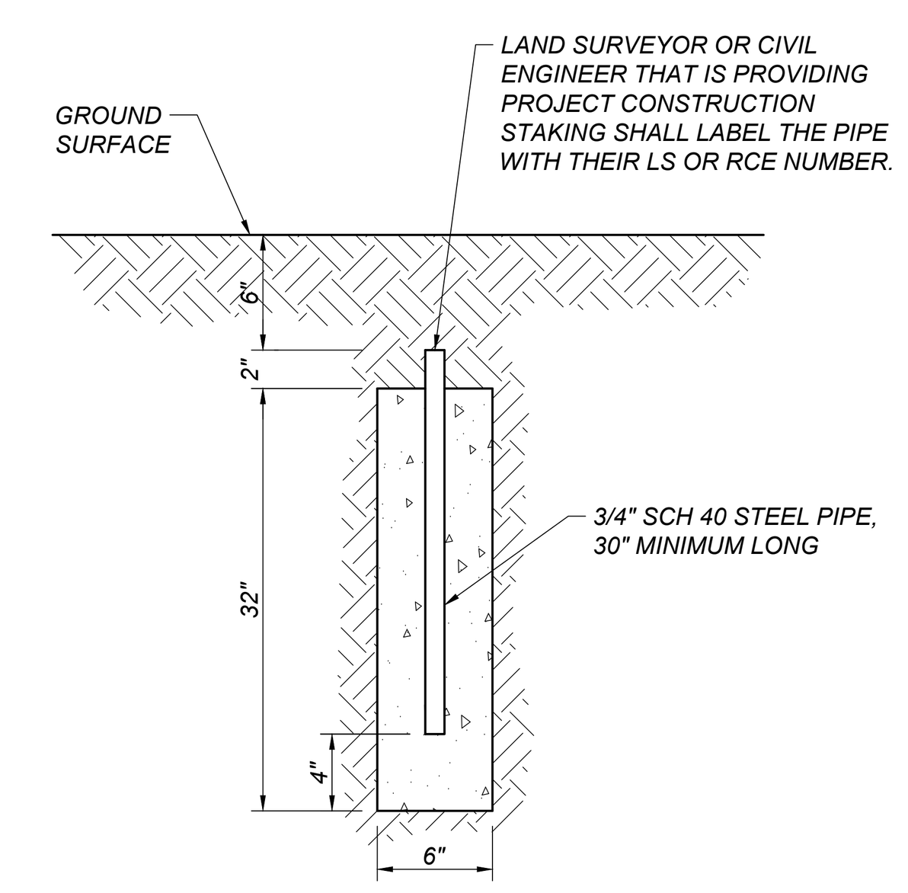
H — CONCRETE HEADER OUTSIDE OF TRACK (SD/X101)
NOT TO SCALE



I — CONCRETE HEADER INSIDE OF TRACK (SD/X101)
NOT TO SCALE



J — ALL-WEATHER TRACK SECTION (SD/X101)
NOT TO SCALE



K — TRACK CONTROL POINT (SD/X101)
NOT TO SCALE

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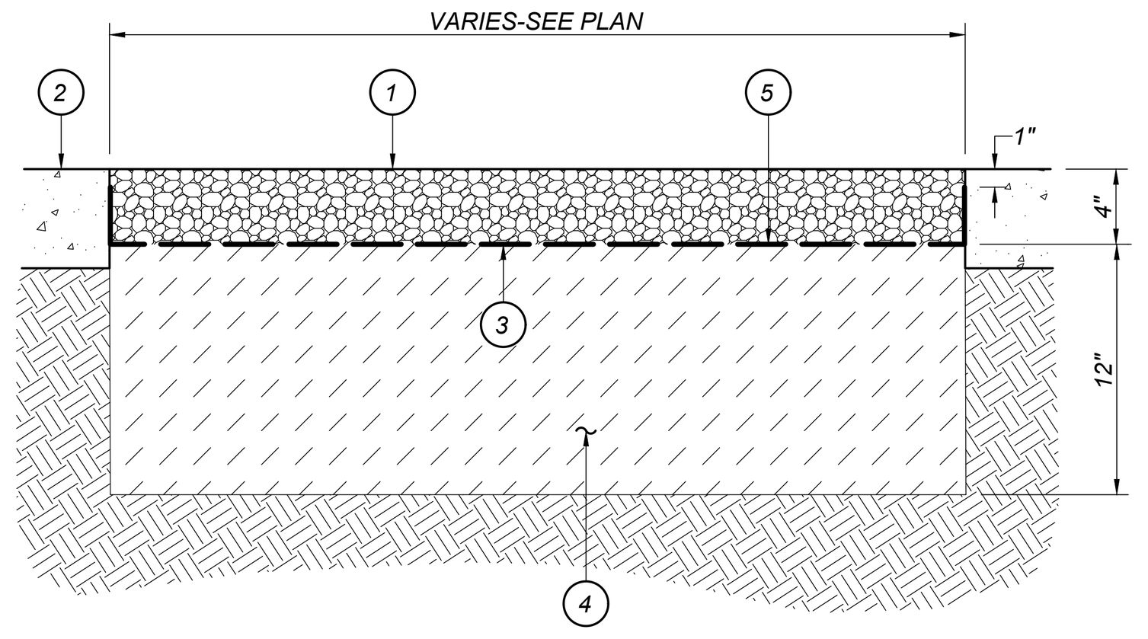
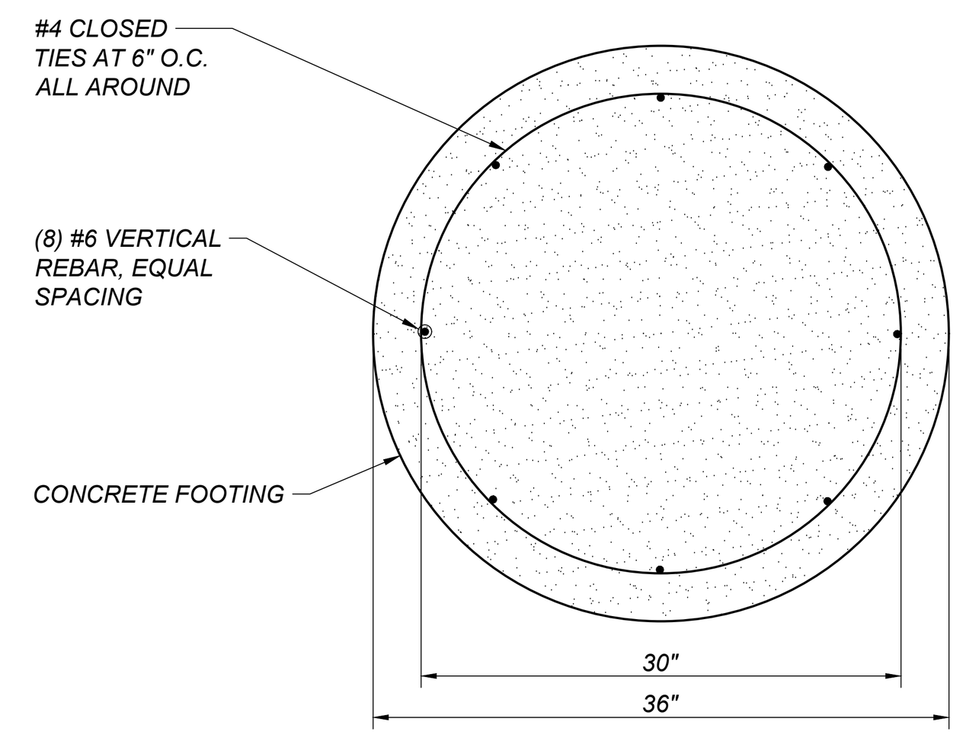


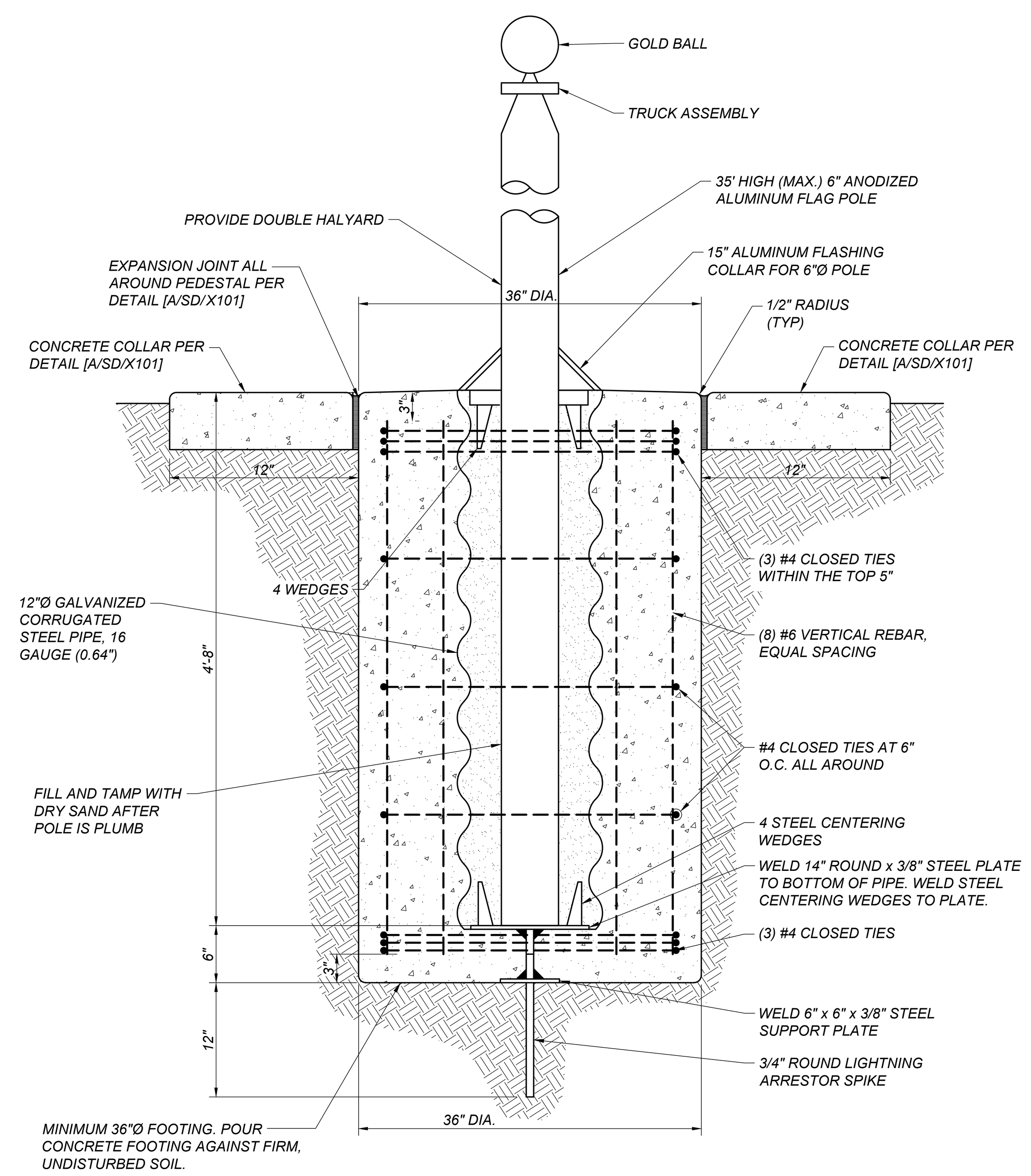
LEGEND:

1. STABILIZED DECOMPOSED GRANITE SURFACING. SEE SPECIFICATIONS FOR MATERIALS AND METHODS. CONTRACTOR TO SUBMIT SAMPLE FOR APPROVAL.
2. ADJACENT PAVED SURFACE OR CURB. WHERE DG IS ADJACENT HARDSCAPE, TOP OF DG IS TO BE LEVEL WITH PAVEMENT'S FINISH SURFACE.
3. GEOTEXTILE SEPARATION FABRIC, MINIMUM 3.4 OZ/SY.
4. CROSS-RIP TO A DEPTH OF 6" AND RECOMPACT PER THE SPECIFICATIONS.
5. APPLY SOIL STERILANT PRIOR TO GEOTEXTILE.

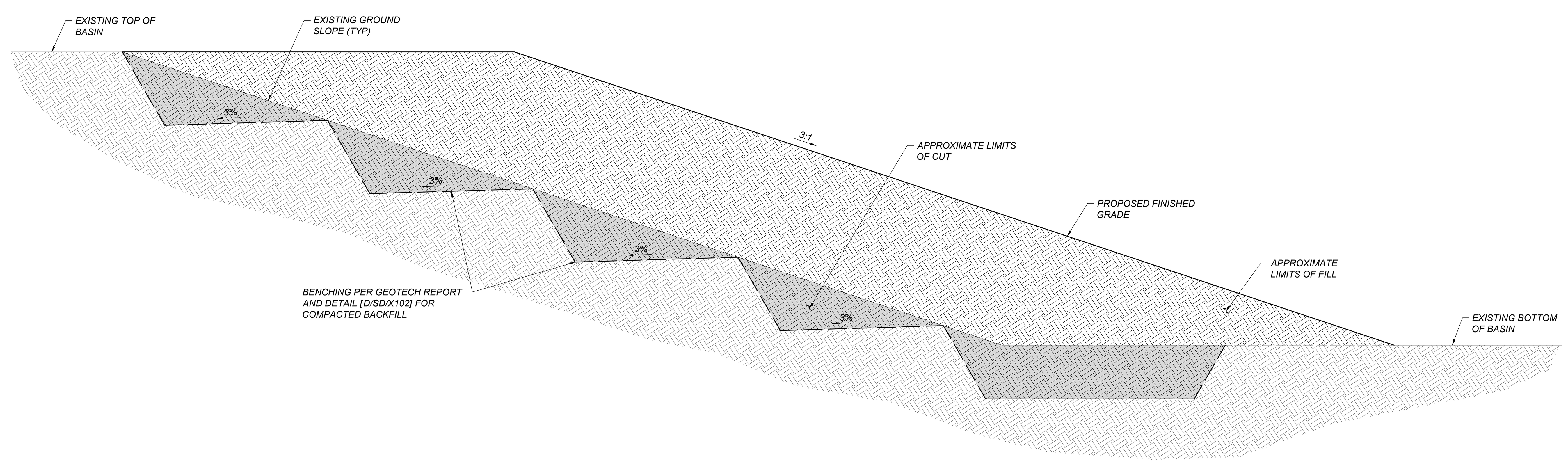
A — SD/X102 STABALIZED DECOMPOSED GRANITE SURFACING
NOT TO SCALE



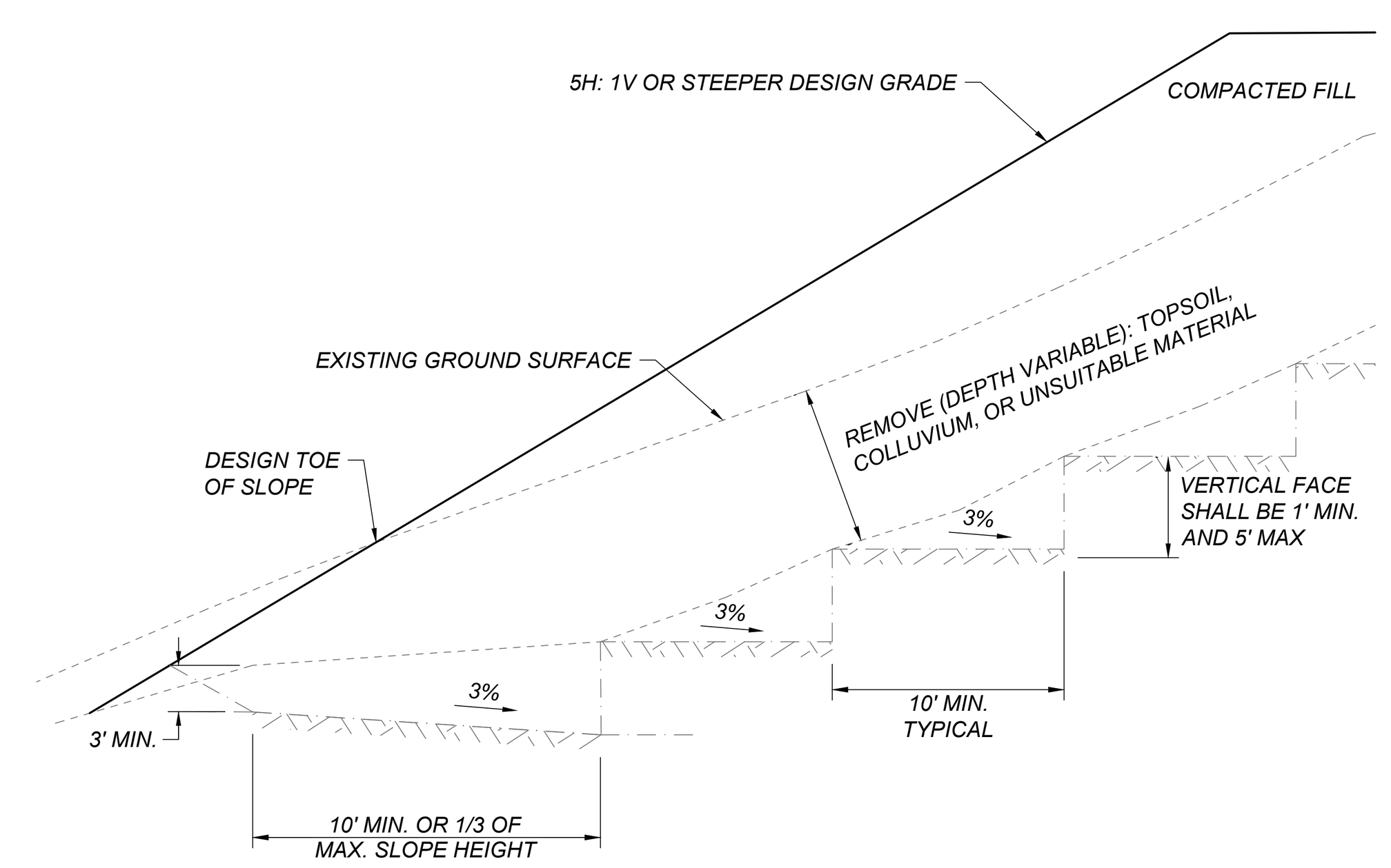
TOP VIEW



B — SD/X102 FLAG POLE DETAIL
NOT TO SCALE



C — SD/X102 TYPICAL BASIN FILL CROSS SECTION
NOT TO SCALE



NOTES:

1. WHERE THE NATURAL SLOPE APPROACHES OF EXCEEDS THE DESIGN SLOPE RATIO, ADDITIONAL RECOMMENDATIONS MAY BE NEEDED FROM SCE ENGINEERING OR ENGINEER OF RECORD.
2. THE NEED FOR SUBDRAINS SHALL BE DETERMINED BASED UPON EXPOSED CONDITIONS. CONTACT SCE ENGINEERING OR ENGINEER OF RECORD IF QUESTIONS ARISE.

D — SD/X102 FILL SLOPE OVER NATURAL SOILS DETAIL
NOT TO SCALE

General Notes

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REGISTERED PROFESSIONAL ENGINEER No. 87218 CIVIL STATE OF CALIFORNIA
12/02/2024
Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
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Madera, CA 93638

Project

SITE DETAILS

Drawing

darden architects
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LICENSED ARCHITECT ANTONIO J. AVILA No. C26235 Ren. 10-31-25 STATE OF CALIFORNIA

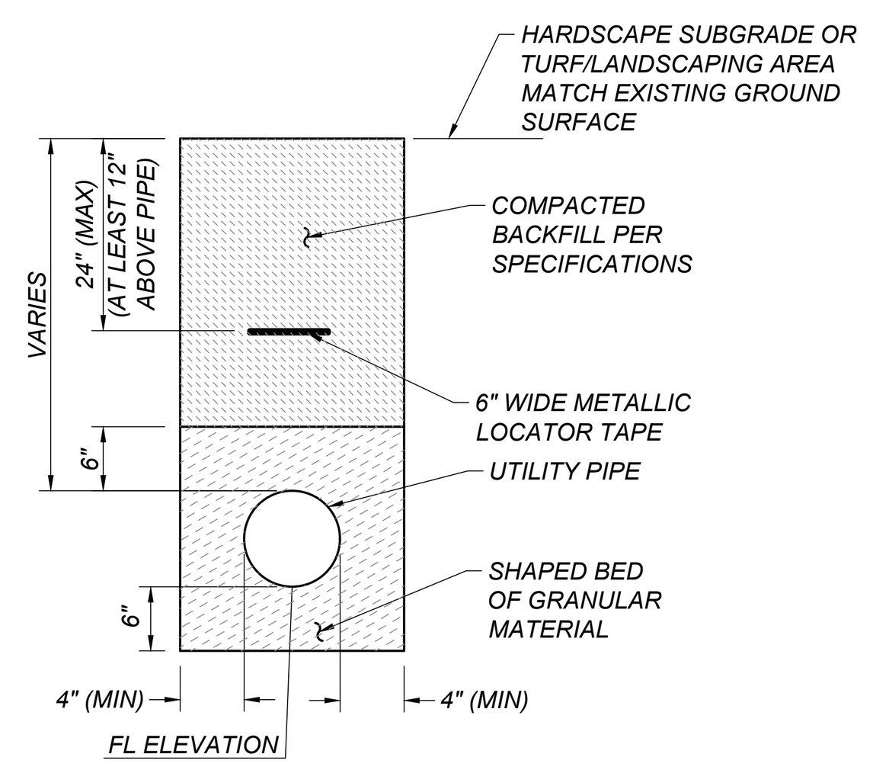
Architect

No.	Revison/Submission	Date

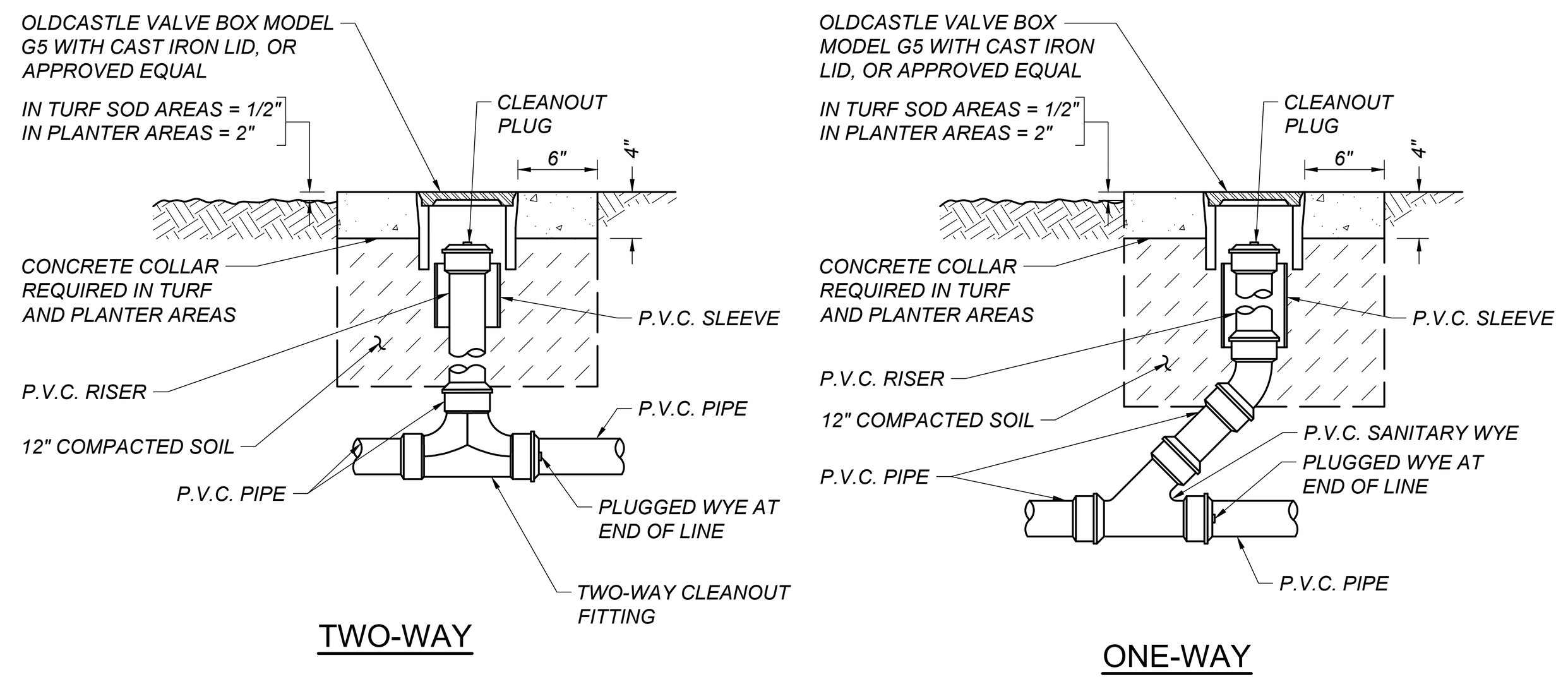
100% CONSTRUCTION DRAWINGS

Revision

	Designed By: KL	
Scale: NO SCALE	Drawn By: TJ	SD/X102
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JB	Sheet: ______ of: ______



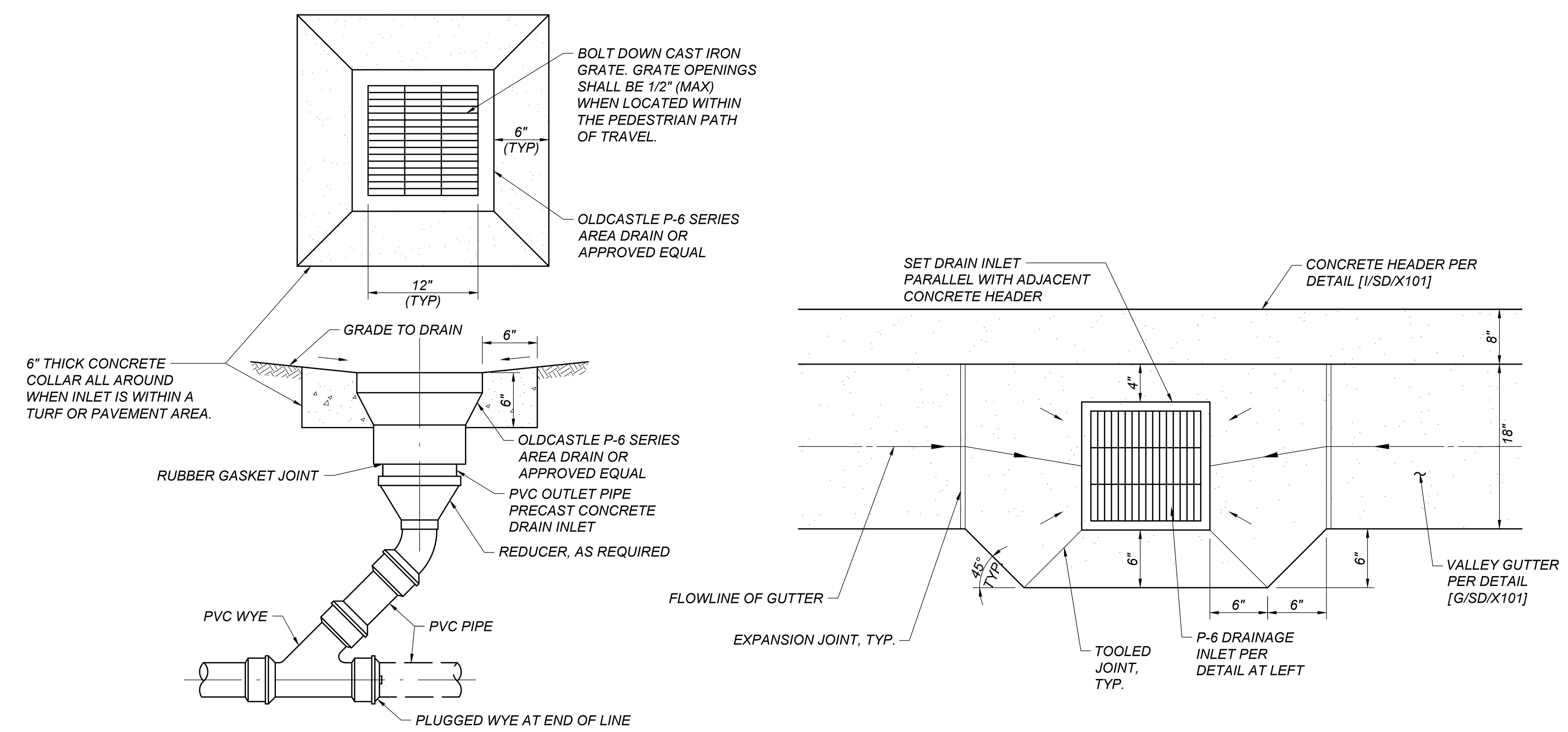
A
SD/X201
TRENCH DETAIL FOR UTILITY LINES
NOT TO SCALE



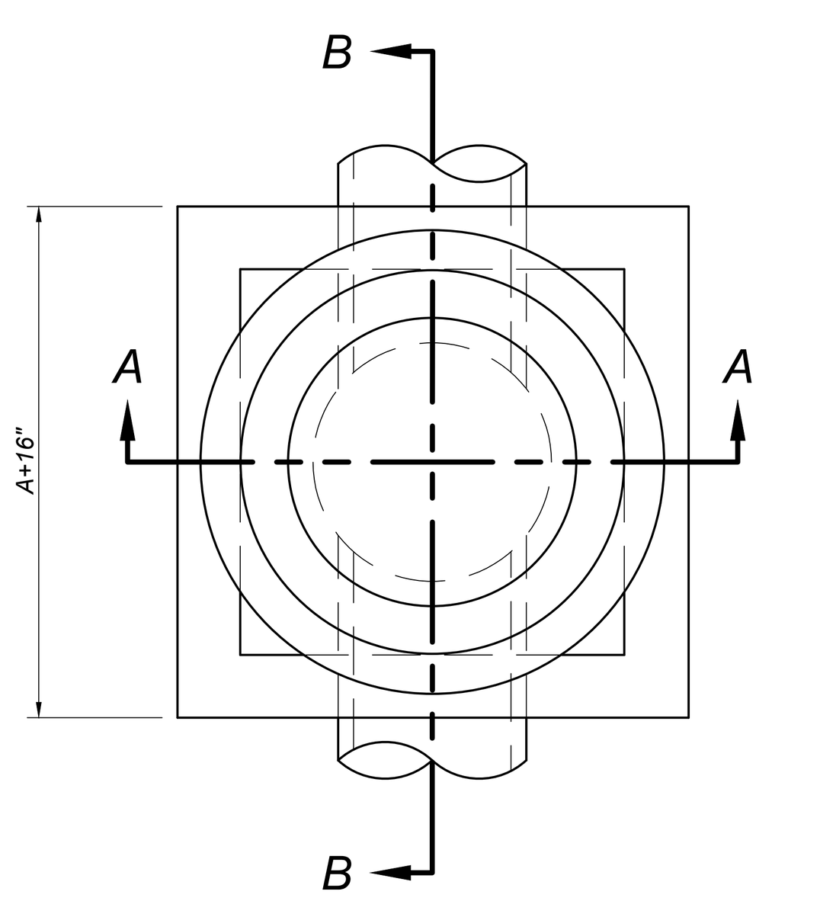
NOTES:

1. USE ONE-WAY CLEANOUTS AT ALL ANGLE POINTS
2. TWO-WAY CLEANOUTS AT ALL OTHER LOCATIONS
3. 6" THICK CONCRETE COLLAR IN VEHICULAR TRAFFIC AREAS

B
SD/X201
SURFACE CLEANOUT
NOT TO SCALE



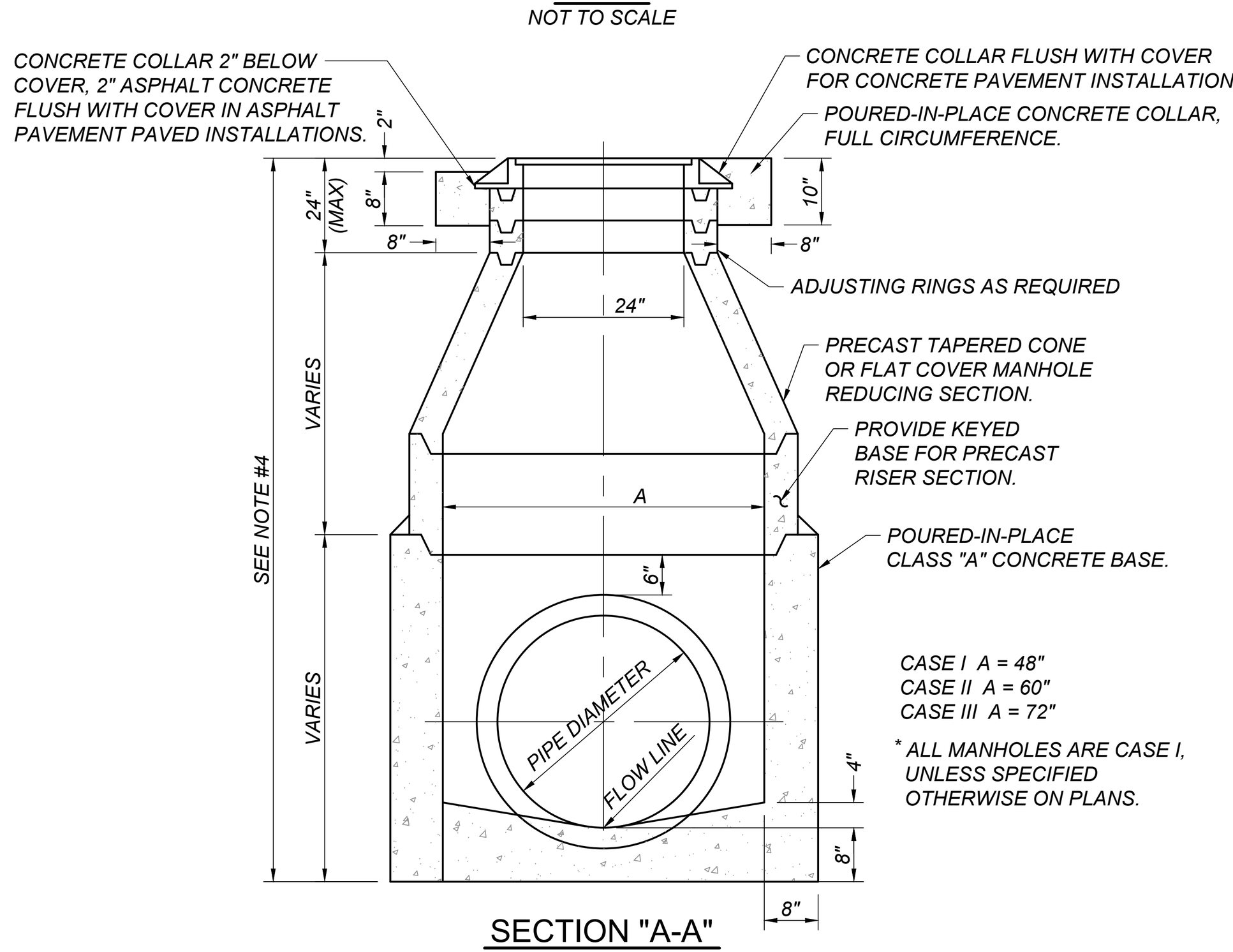
C
SD/X201
P-6 DRAINAGE INLET AND VALLEY GUTTER FLAIR
NOT TO SCALE



PLAN
NOT TO SCALE

NOTES:

1. PRECAST PIPE, ADJUSTING RINGS AND TAPERED SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. C-478, USING TYPE II CEMENT.
2. ALL JOINTS BETWEEN PRECAST SECTIONS SHALL BE MORTARED.
3. INTERIOR OF THE MANHOLE SHALL HAVE A SMOOTH TROWELED SURFACE, (WOOD TROWEL).



SECTION "A-A"
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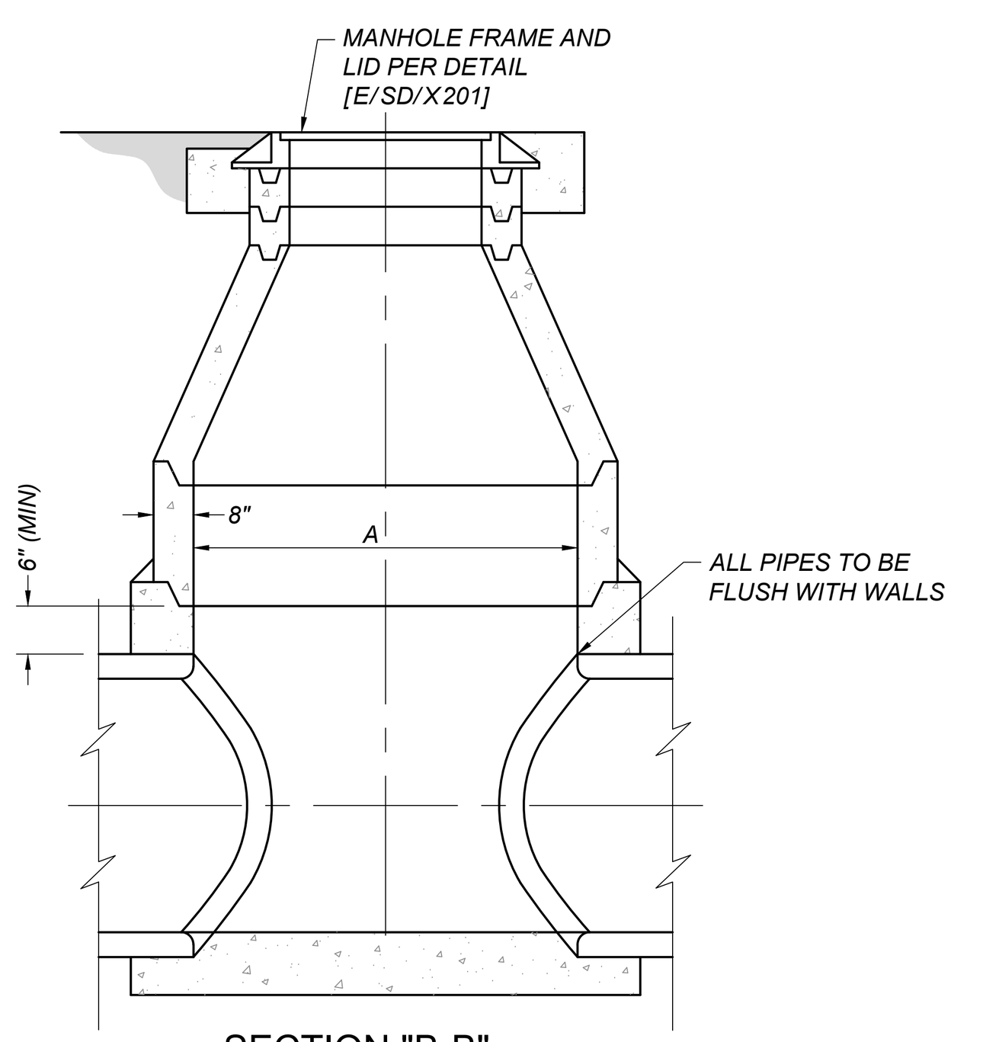
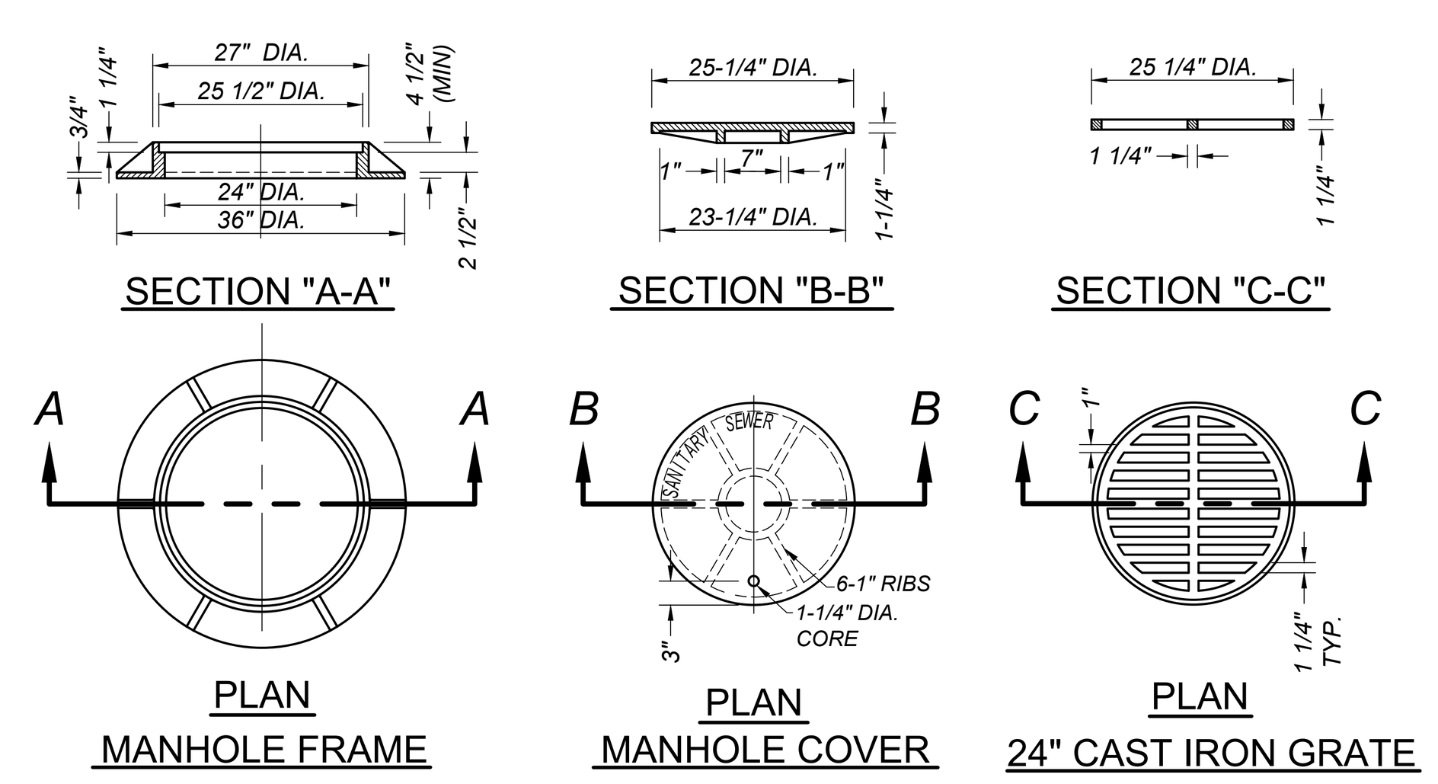


SECTION "B-B"
NOT TO SCALE

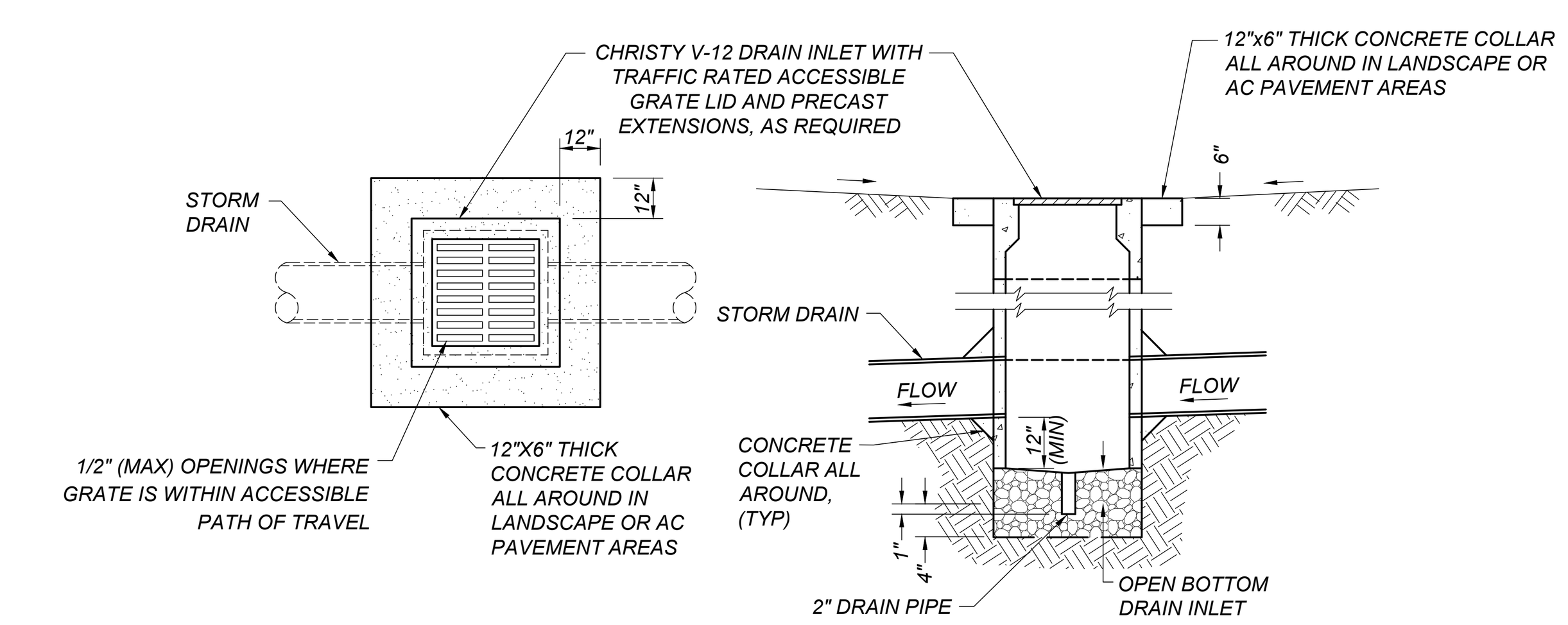
D
SD/X201
STORM DRAIN MANHOLE
NOT TO SCALE



NOTES:

1. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
2. MATERIAL SHALL BE CAST IRON.
3. FRAME AND COVER TO BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. DESIGNATION A48, CLASS 25.
4. MANHOLE COVER DESIGN, AS A MINIMUM, IS TO HAVE THE WORDS "STORM SEWER" OR "STORM DRAIN" MOLDED INTO THE COVER, AS APPROPRIATE.
5. GRATE OPENINGS SHALL BE 1/2" MAXIMUM WHERE LOCATED WITHIN THE PEDESTRIAN PATH OF TRAVEL.
6. INSTALL SLOTTED GRATE SO SLOTS ARE PARALLEL WITH THE DIRECTION OF SURFACE DRAINAGE FLOW.

E
SD/X201
MANHOLE FRAME AND LID
NOT TO SCALE



F
SD/X201
V-12DRAIN INLET WITH CONCRETE COLLAR
NOT TO SCALE

DSA File No.:

DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

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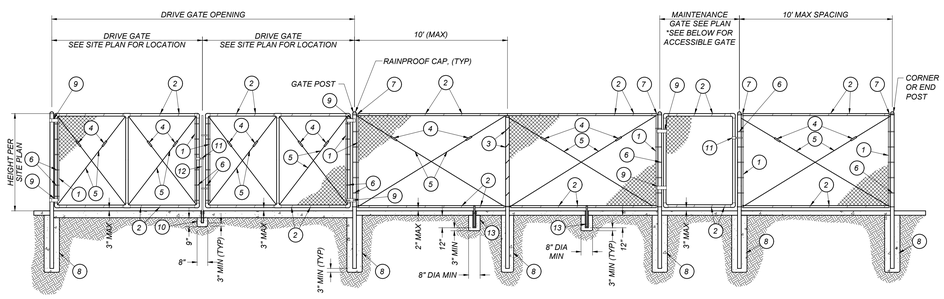
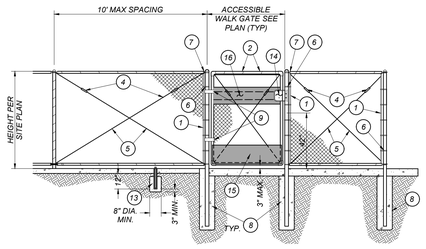


FENCE AND GATE ELEVATIONS



ACCESSIBLE PEDESTRIAN GATE

OPEN FABRIC CHAIN LINK FENCE AND GATE LEGEND:

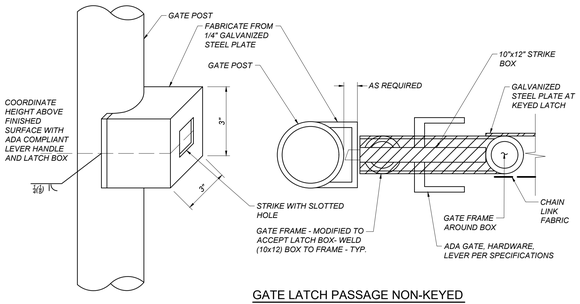
1. 1/8" X 3/4" GALVANIZED STEEL STRETCHER BAR.
2. 9 GAUGE (0.148" DIA) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAXIMUM SPACING. MINIMUM OF 8 TIE WIRES PER EACH 10' HORIZONTAL RAIL.
3. 6 GAUGE (0.192" DIA) GALVANIZED STEEL POST CLIPS AT 14" MAXIMUM SPACING. MINIMUM 3 POST CLIPS FOR EACH 4' POST.
4. GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIAMETER TRUSS ROD.
5. 3/8" DIAMETER GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS, END OR CORNER POST PANELS.
6. 1/8" THICK GALVANIZED STEEL STRETCHER BAR TENSION BAND AT 12" MAXIMUM SPACING. MINIMUM OF 4 TENSION BANDS FOR EACH 4' POST SECTION.
7. GALVANIZED RAIL ENDS.
8. CONCRETE FOOTING, TYPICAL.
9. HINGES PER THE SPECIFICATION.
10. GALVANIZED STEEL PIPE SLEEVE FOR GATE DROP ROD.
11. LOCKABLE FORK LATCH PER SPECIFICATIONS
12. CENTER GATE DROP POST AND LATCH
13. INSTALL GATE HOLDBACK FOR ALL GATES.
14. ALL WALK GATES SHALL HAVE ADA/ CBC COMPLIANT ACCESSIBLE HARDWARE WHEN LOCATED WITHIN ACCESSIBLE PATH OF TRAVEL. GATE LATCH SHALL REQUIRE A MAXIMUM OF 5 LBS OF PRESSURE TO OPERATE. PROVIDE GATE NIGHT LATCH AND HARDWARE PER SPECIFICATIONS AT EXIT GATES.
15. 10" HIGH, 1/8" THICK STEEL PLATES WELDED ON BOTH SIDES OF THE GATE AT BOTTOM FULL WIDTH OF THE GATE. THE KICK PLATE AND WELDS SHALL BE GALVANIZED FOR CORROSION RESISTANCE.
16. 12" HIGH, CENTER ON LATCH, 1/8" THICK STEEL PLATES WELDED ON THE NON FABRIC SIDE. THE FULL WIDTH OF THE GATE. THE PLATE AND WELDS SHALL BE GALVANIZED FOR CORROSION RESISTANCE. SEE DETAIL [B/SD/X301]

OPEN FABRIC CHAIN LINK FENCE AND GATE NOTES:

1. GATE FRAME SHALL BE 2" O.D. GALVANIZED STEEL (2.72 LB/FT).
2. FENCE FABRIC SHALL BE 2" X 2" MESH X 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW)
3. ALL FENCES ADJACENT TO ATHLETIC FIELDS, COURTS, BALLFIELDS, OR RUNNING TRACKS SHALL HAVE 1.66" O.D. BOTTOM RAILS INSTEAD OF TENSION WIRE
4. MATCH OWNER'S LOCKSET GATE HARDWARE AND KEYING SYSTEM FOR ALL KEYED GATES.
5. WALK GATE POST SIZE LIMITED TO 6 FOOT WIDTH OR LESS. SEE DRIVE GATE SIZING FOR LARGER LEAF WIDTHS.
6. DOUBLE TRUSS RODS ARE REQUIRED IN PANELS ADJACENT TO GATE POSTS AND AT ALL FENCE CORNERS AND END PANELS.
7. ALL GATE CORNERS AND SUPPORT POINTS SHALL BE FASTENED TOGETHER AND REINFORCED WITH MALLEABLE IRON FITTINGS DESIGNED FOR THAT PURPOSE. WELDED CONNECTIONS WILL NOT BE ALLOWED.
8. TACK WELD ALL GATE HINGES AND LATCH COLLARS TO POST.
9. ALL AREAS AFFECTED BY WELDING, TRIMMED ENDS OF BOLTS, STRETCHER BARS, TRUSS RODS OR ANY EXPOSED STEEL SHALL BE PAINTED (GALVANIZED) PER CONTRACT SPECIFICATIONS.
10. CONTRACTOR TO PROVIDE AND INSTALL GATE HOLDBACK FOR EACH GATE. HOLDBACK TO BE INSTALLED IN FENCE MOWSTRIP UNLESS OTHERWISE NOTED.
11. ALL ACCESSIBLE GATES SHALL HAVE:
    A. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY CBC SECTION 11B-404.2.7 OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. THE MAXIMUM FORCED TO ACTIVATE OPERABLE PARTS SHALL BE 5LBS PER CBC 11B-309.4.
    B. SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON BOTH SIDES EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.
12. CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM PER CBC 11B-404.2.8.1.
13. GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO THE CLOSED POSITION IS 1.5 SECONDS MINIMUM PER CBC 11B-404.2.8.2.
14. ACCESSIBLE GATE SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES AND A MAXIMUM CLEAR OPENING OF 48 INCHES PER CBC 11B-404.2.3
15. THE MAXIMUM FORCE TO PUSH OR PULL OPEN A GATE SHALL BE 5 LBS. (11B-404.2.9)
16. CHAIN LINK FENCING AND GATES ARE EXEMPT FROM DSA STRUCTURAL SAFETY APPROVAL PER DSA IR A-22 SECTION 1.2.1

CHAIN LINK FENCE SIZING SCHEDULE - OPEN FABRIC													
FENCE HEIGHT	END, ANGLE, CORNER POSTS			LINE POSTS			SINGLE LEAF MAN GATE POSTS			DOUBLE GATE POSTS			COMMENT
	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	POST DIAMETER	FOOTING DIAMETER	FOOTING DEPTH	1.66" O.D. TOP AND BOTTOM RAIL, SCHEDULE 40
4'	2-7/8" O.D.	12"	3'-0"	2-3/8" O.D.	8"	2'-6"	2-7/8" O.D.	12"	3'-0"	3-1/2" O.D.	12"	3'-0"	
6'	2-7/8" O.D.	12"	4'-0"	2-3/8" O.D.	8"	2'-6"	2-7/8" O.D.	12"	4'-0"	6" O.D.	15"	5'-0"	

A SD/X301 CHAIN LINK FENCE AND GATES
NOT TO SCALE



GATE LATCH PASSAGE NON-KEYED

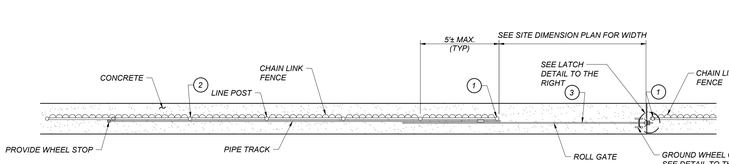
B SD/X301 ACCESSIBLE LATCH
NOT TO SCALE

FENCE AND ROLL GATE ITEMS:

1. 2-7/8" O.D. GALVANIZED STEEL POST (5.79 lbs/ft)
2. 2-3/8" O.D. GALVANIZED STEEL LINE POST (3.65 lbs/ft)
3. 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lbs/ft)
4. 1-5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 lbs/ft)
5. 2" X 2" MESH X 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. GALVANIZE BEFORE WEAVING, (GBW)
6. 1/4" X 3/4" GALVANIZED STEEL STRETCHER BAR
7. 9 GAUGE (0.148" DIA.) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAXIMUM SPACING
8. 9 GAUGE (0.192" DIA.) GALVANIZED STEEL POST CLIPS AT 14" MAXIMUM SPACING
9. 6" TURNBUCKLE ADJUSTERS FOR 3/8" DIA. TRUSS RODS
10. 3/8" DIA. GALVANIZED STEEL ADJUSTABLE TRUSS RODS

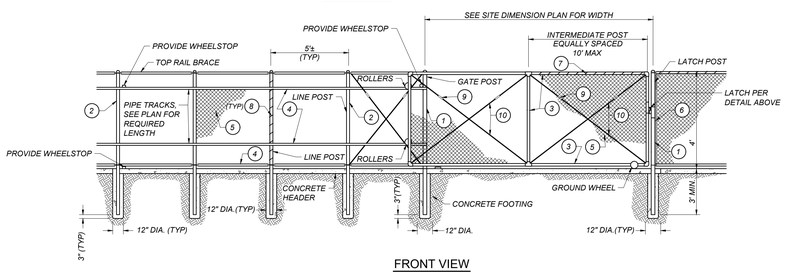
NOTES ON FENCING AND GATES:

1. DOUBLE TRUSS RODS ARE REQUIRED IN PANEL ADJACENT TO OPENING, GATE POSTS, AT ALL FENCE CORNERS AND IN ALL GATE PANELS.
2. MOWSTRIP AT DRIVE GATE OPENING SHALL BE 6" THICK.
3. USE FITTINGS FOR ALL GATE JOINTS AND TRUSS ROD CONNECTIONS. NO WELDING PERMITTED.
4. LENGTH OF ROLL GATE SHALL MATCH THE GATE OPENING SHOWN ON THE HORIZONTAL CONTROL PLAN

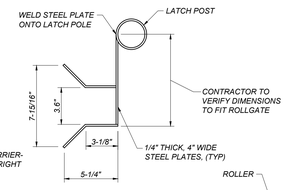


PLAN VIEW

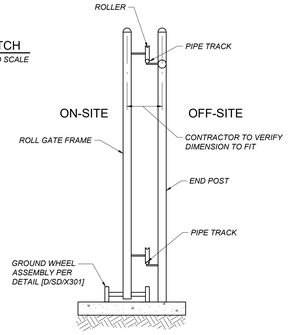
NOTE:
ROLL GATE ORIENTATION SHOWN IN THE DETAIL BELOW MAY NOT APPLY TO THE GATE INSTALLATION SHOWN ON THE SITE PLAN. SEE SITE PLAN FOR ROLL GATE ORIENTATION AND OPENING DIRECTION



FRONT VIEW



LATCH
NOT TO SCALE



SIDE VIEW

C SD/X301 ROLL GATE INSTALLATION
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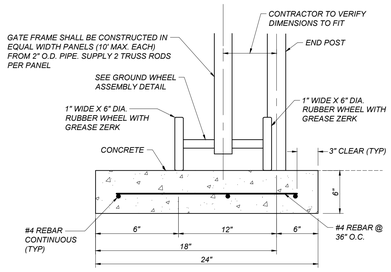

D SD/X301 ROLLGATE GROUND WHEEL ASSEMBLY
NOT TO SCALE

DSA File No.:

DSA Application No.:
02-122959

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Architect

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100% CONSTRUCTION DRAWINGS

Revision

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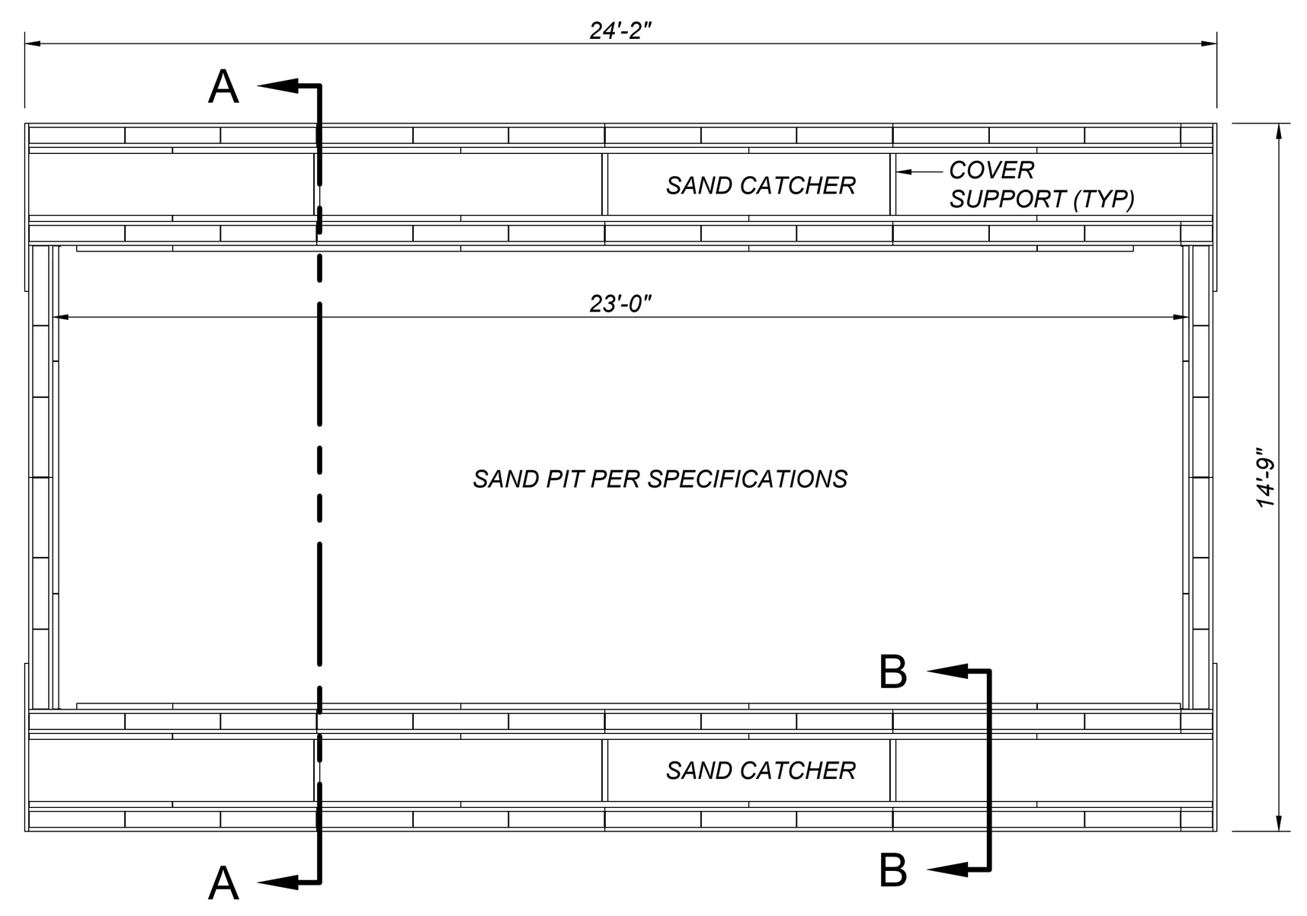
Project Number: 2470.1	Checked By: ZDH	
Date: 12/02/2024	Reviewed By: JDB	Sheet: ____ of: ____

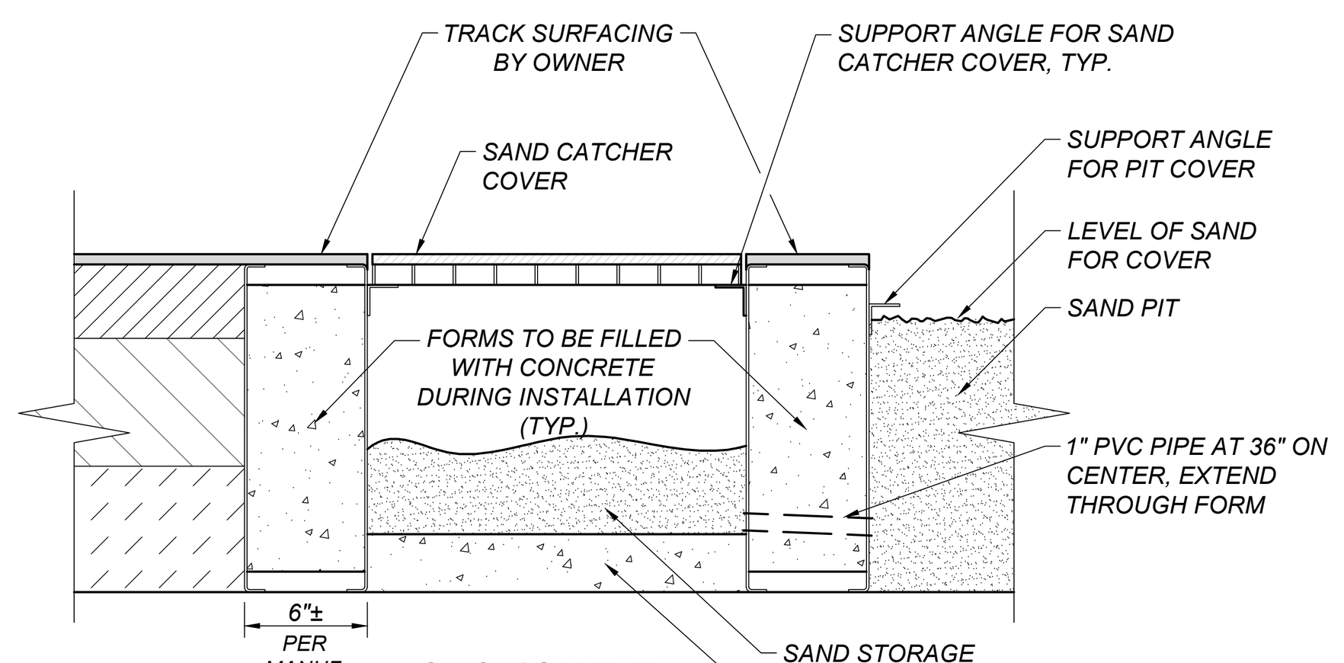
Drawing: P:\224-0293\Site\production\drawings\224293d03.dwg; Layout1 - BCF.ctb
Plot By: kylarason Dec 03, 2024 - 12:17pm

SAND PIT NOTES:

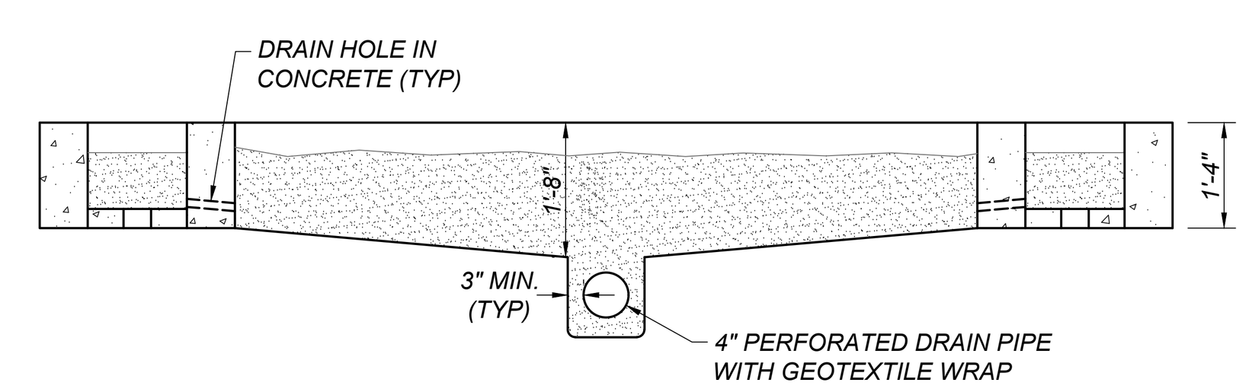
1. INITIALLY INSTALL SAND IN THE JUMP PITS SO THAT THE SAND SURFACE IS LEVEL WITH THE TOP OF THE JUMP PIT FORMS. OBTAIN CONFIRMATION FROM THE OWNER'S REPRESENTATIVE OF THE SAND LEVEL.
2. PROVIDE AN ADDITIONAL 50 CUBIC FEET OF SAND AT EACH JUMP PIT STORED IN THE SAND CATCHERS.
3. PRIOR TO INSTALLING THE JUMP PIT COVERS, EXCAVATE THE TOP LAYER OF SAND TO AN ELEVATION 1 INCH MINIMUM BELOW THE COVER SUPPORT LEDGE. STORE THE EXCAVATED SAND IN THE CATCHERS AT EACH PIT.
4. SAND FOR JUMP PITS SHALL BE CLEAN WASHED RIVER SAND PER SPECIFICATION SECTION 11 68 33.
5. SEE SPECIFICATIONS FOR THE FOLLOWING PRODUCT INFORMATION:
   A. SAND PIT FORMS WITH SAND CATHERS
   B. SAND PIT COVERS



PLAN



SECTION B-B

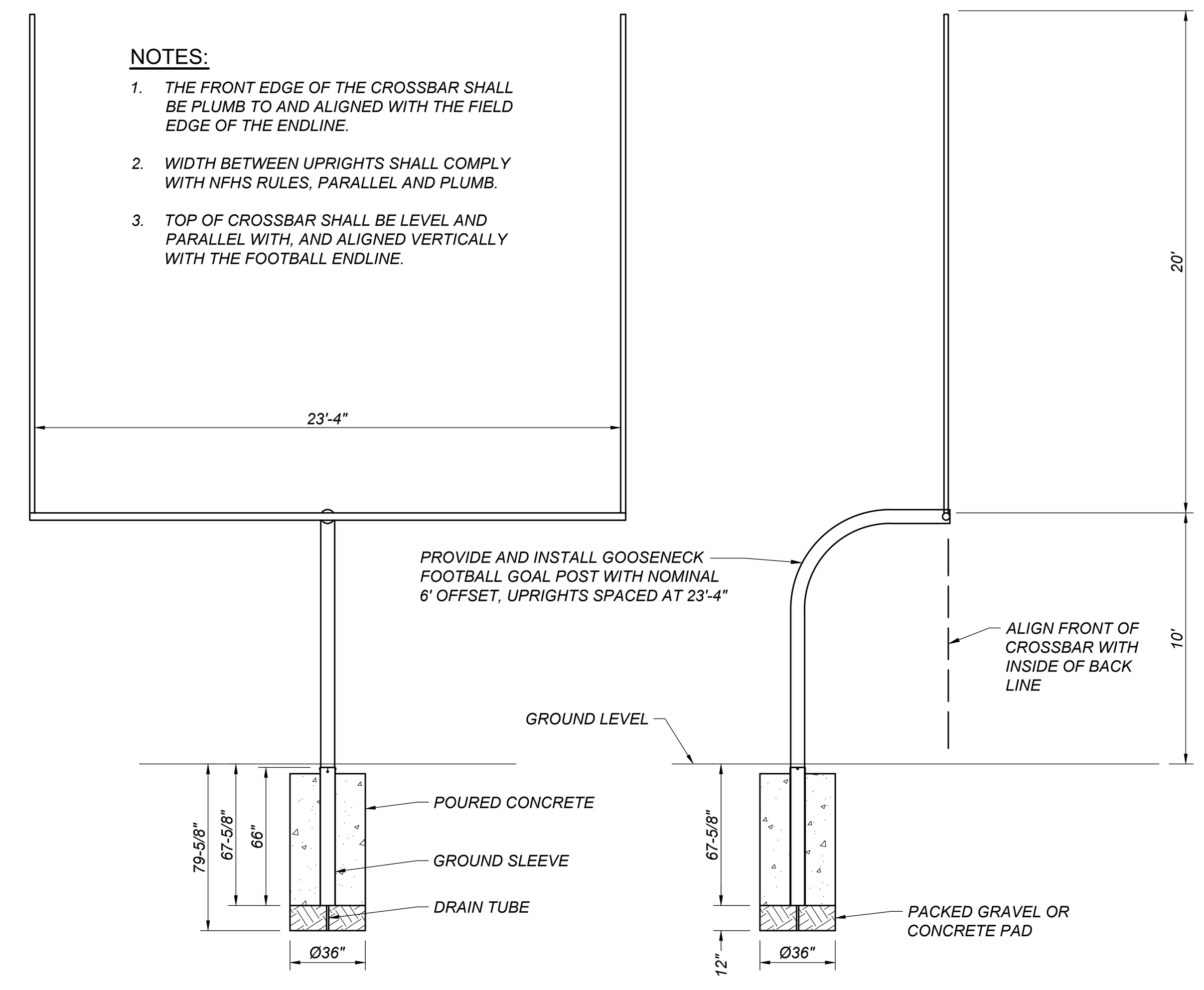


SECTION A-A

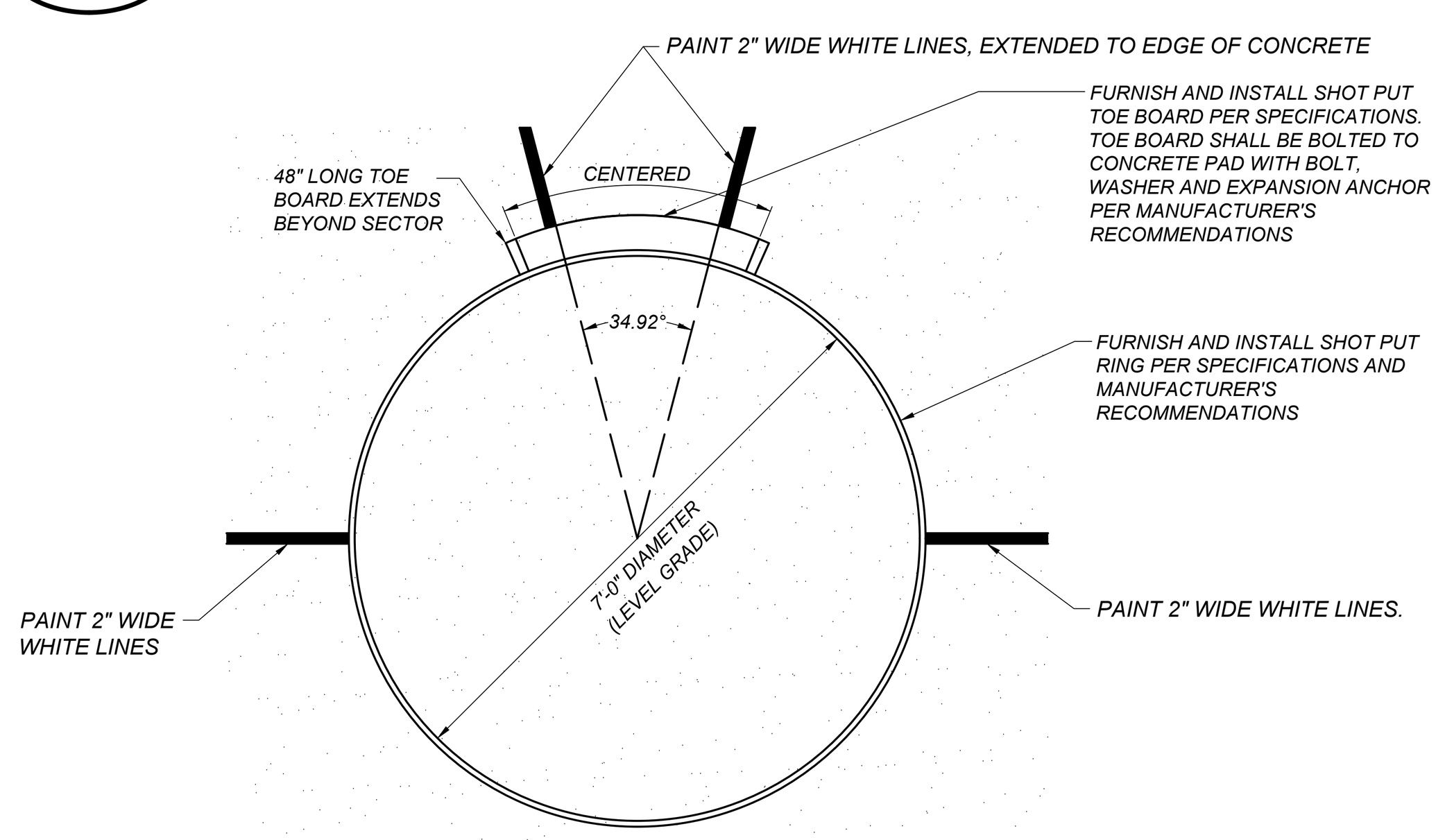
A SD/X401 SAND PIT
NOT TO SCALE

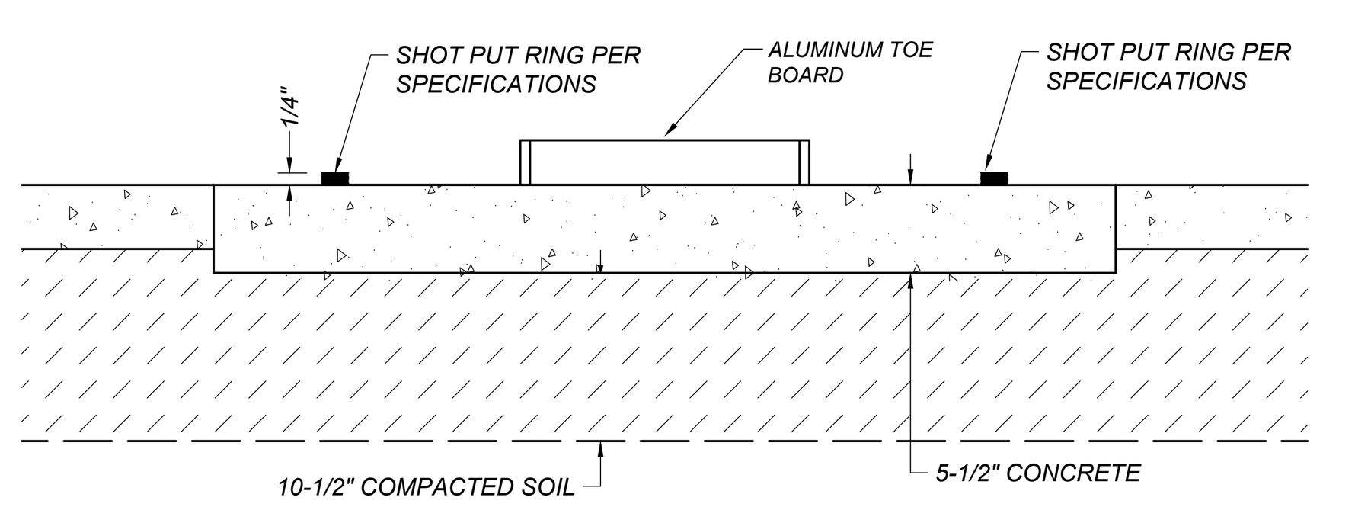
NOTES:

1. THE FRONT EDGE OF THE CROSSBAR SHALL BE PLUMB TO AND ALIGNED WITH THE FIELD EDGE OF THE ENDLINE.
2. WIDTH BETWEEN UPRIGHTS SHALL COMPLY WITH NFHS RULES, PARALLEL AND PLUMB.
3. TOP OF CROSSBAR SHALL BE LEVEL AND PARALLEL WITH, AND ALIGNED VERTICALLY WITH THE FOOTBALL ENDLINE.

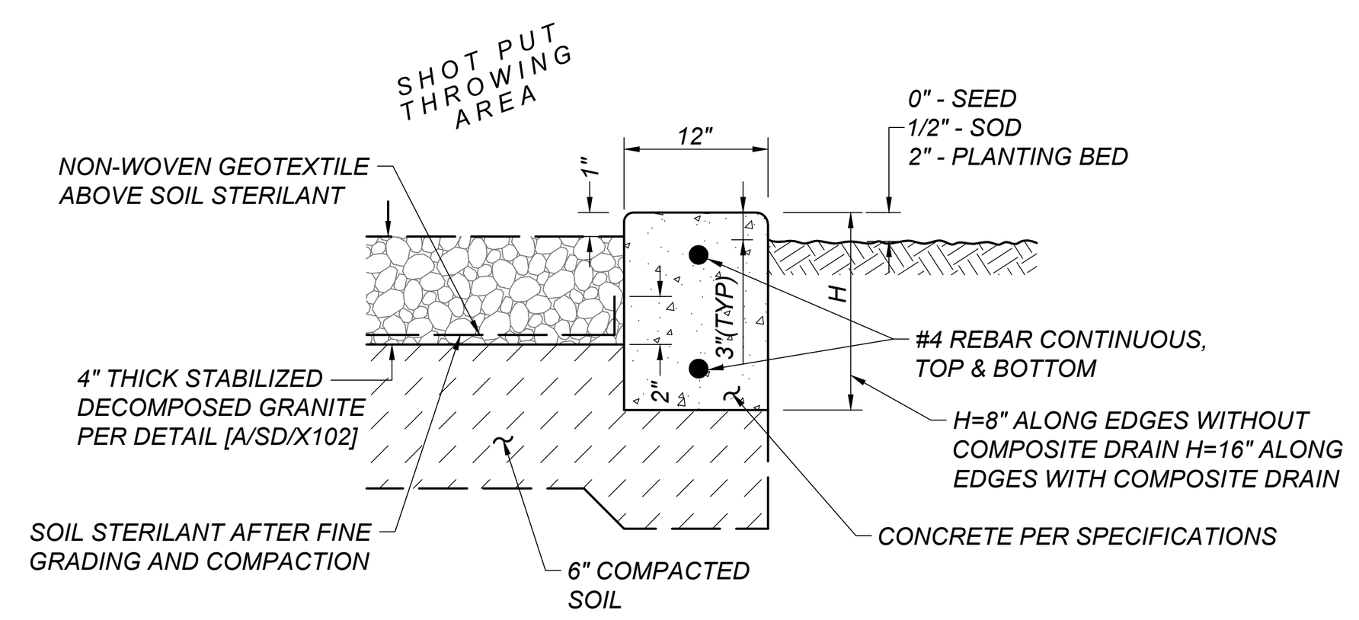


B SD/X401 FOOTBALL GOAL POST - 6' OFFSET
NOT TO SCALE





C SD/X401 SHOT PUT RING AND CONCRETE PAD
NOT TO SCALE



D SD/X401 SHOT PUT THROWING AREA CONCRETE HEADER
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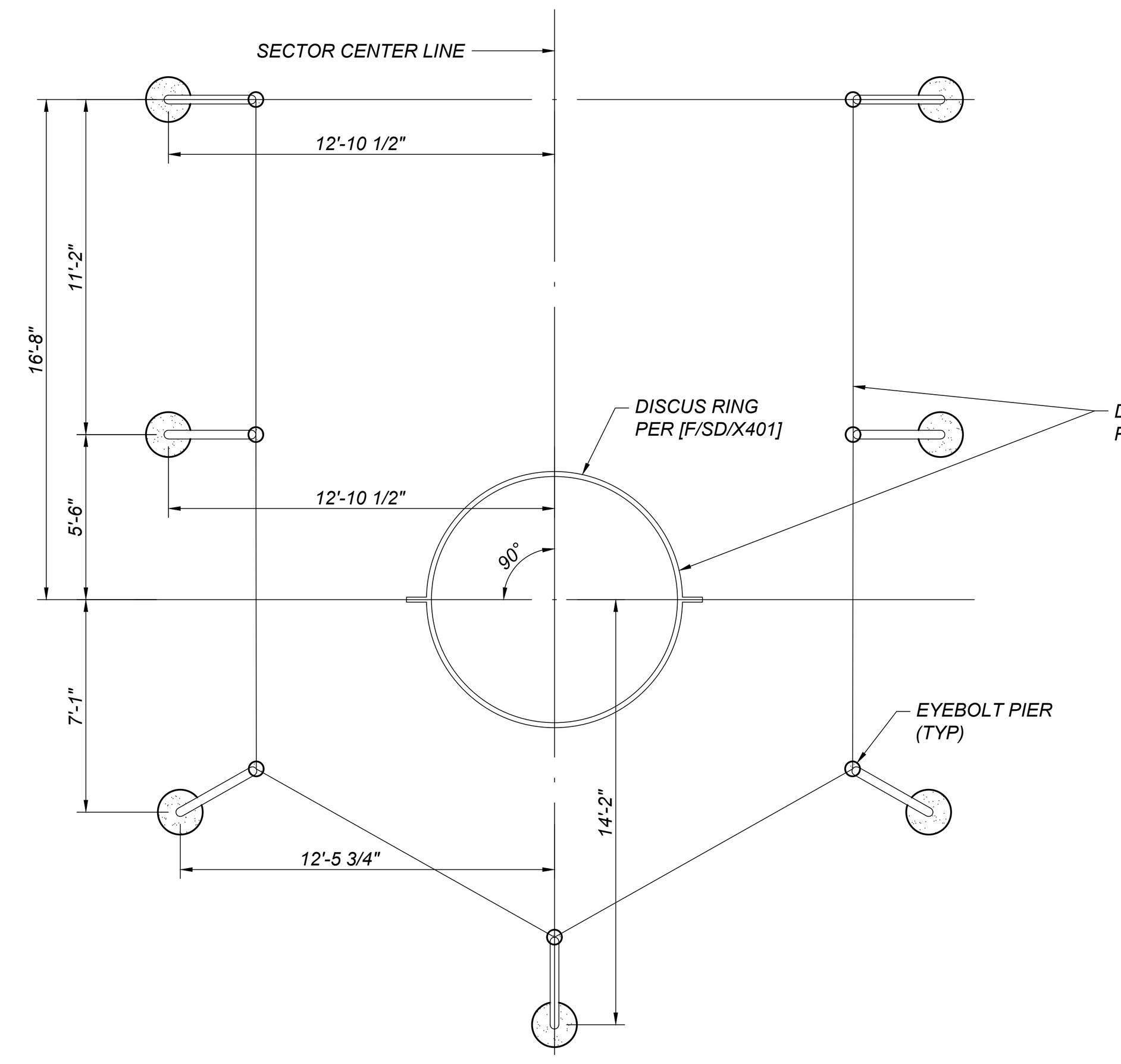
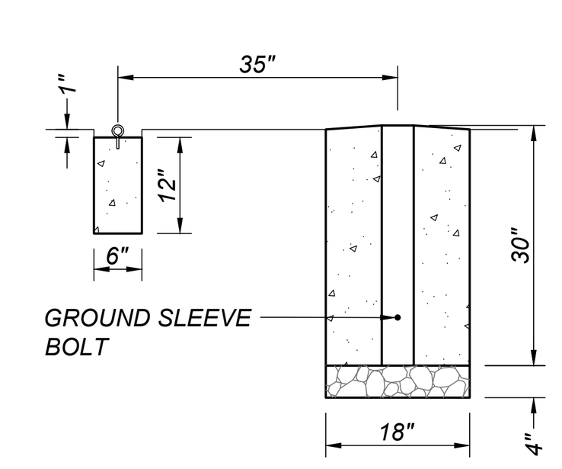
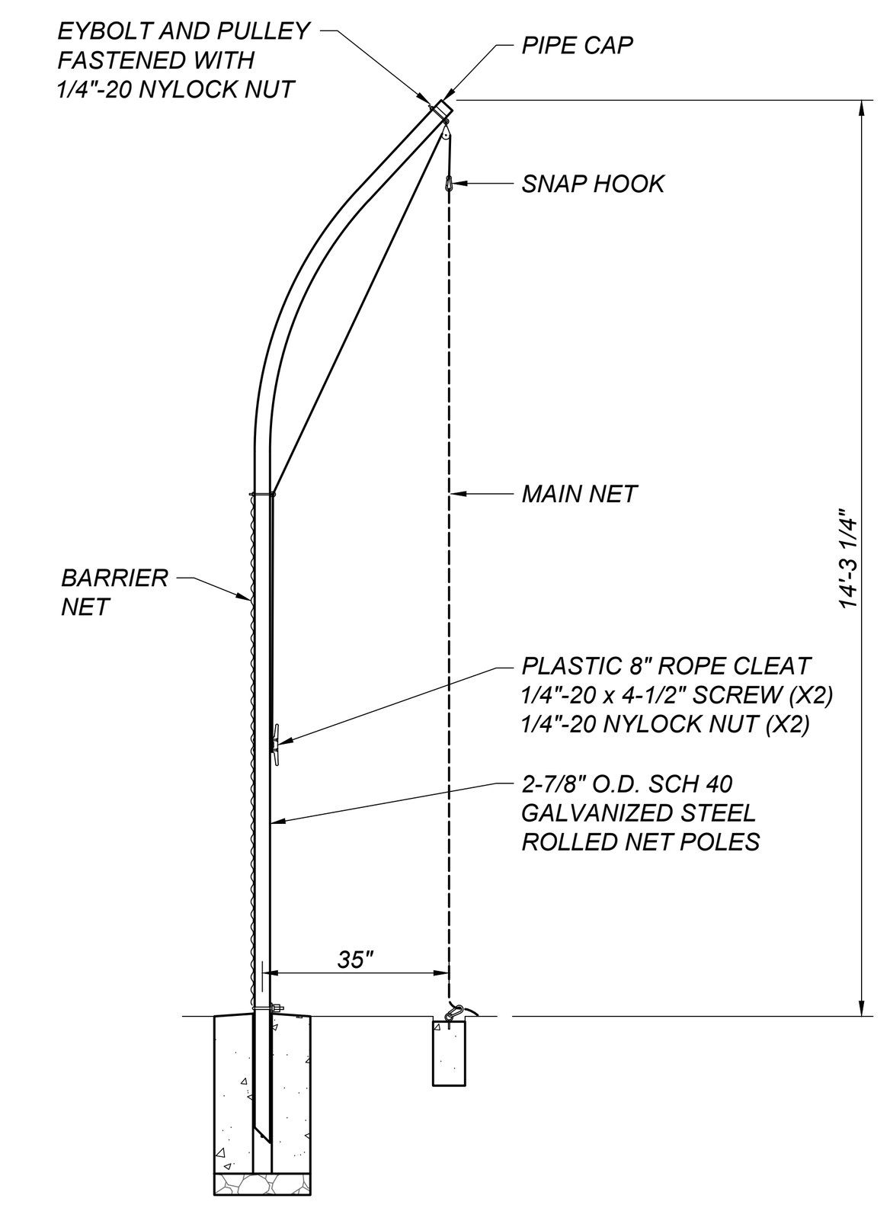




FOOTINGS DETAIL



DISCUS CAGE POST INSTALLATION

E SD/X401 DISCUS CAGE DETAIL (GILL 8020)
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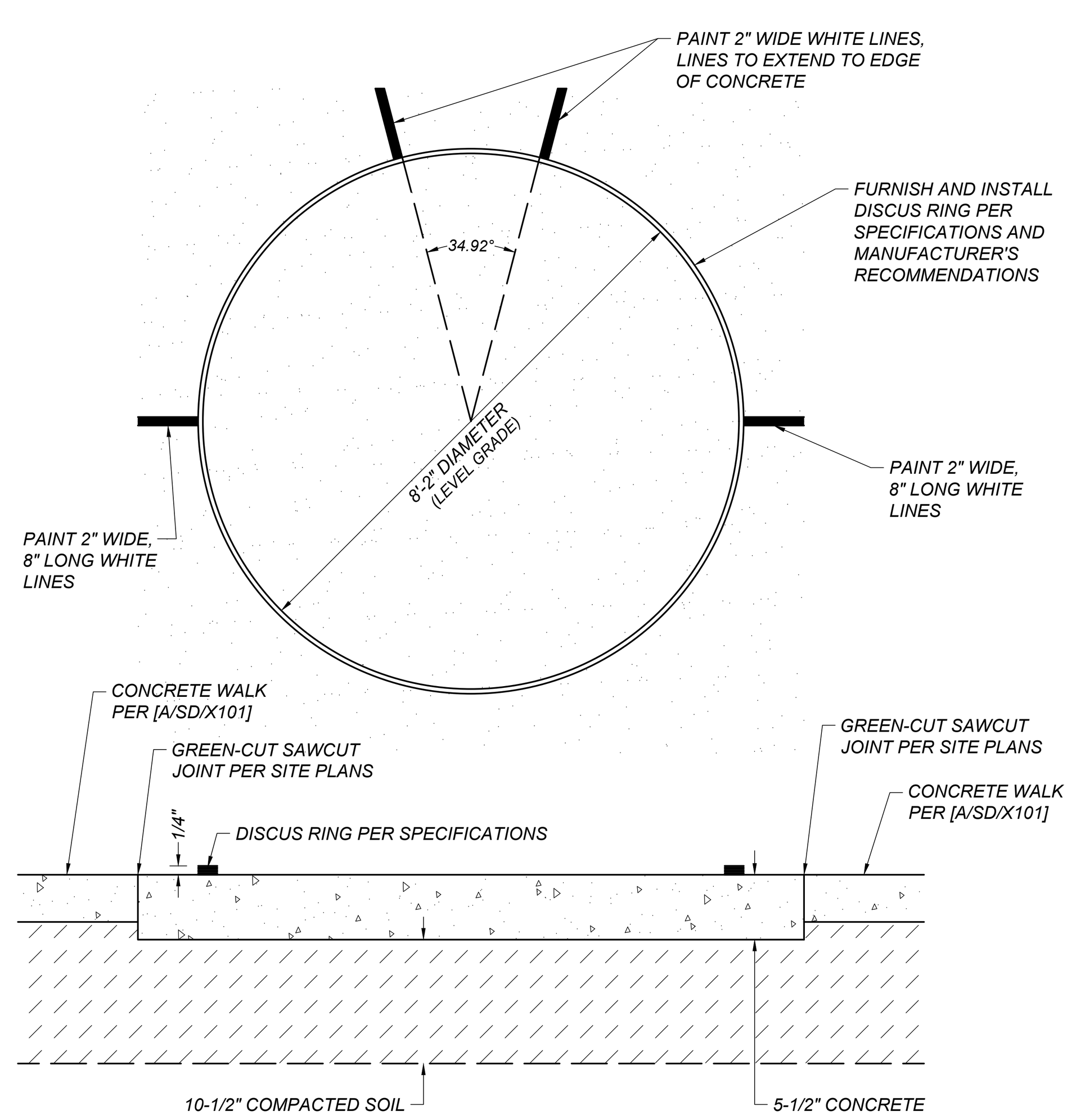

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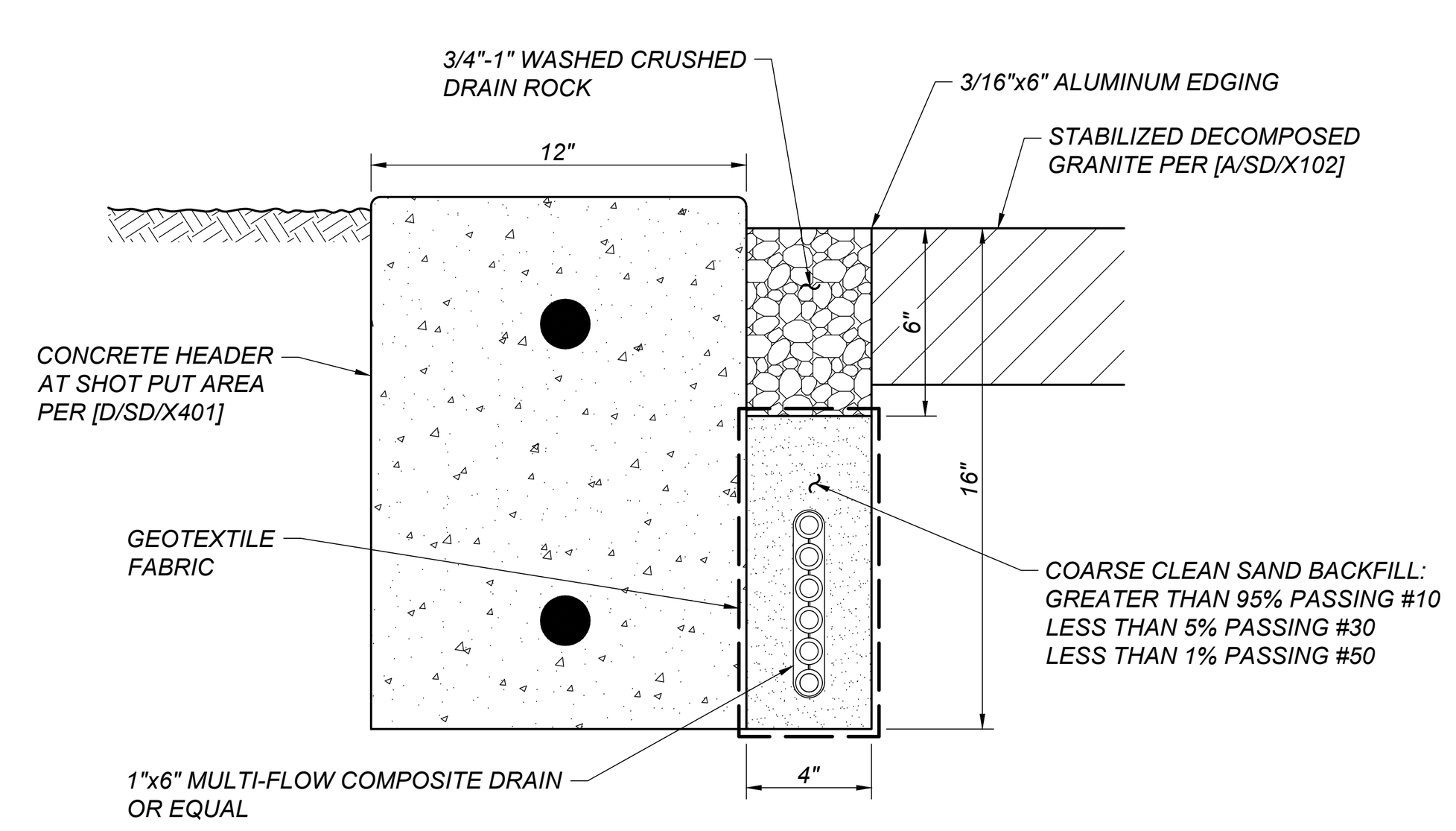

G SD/X401 MULTI-FLOW COMPOSITE DRAIN AT SHOTPUT HEADER
NOT TO SCALE

DSA File No.:

DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

General Notes

Blair, Church & Flynn
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Blair, Church & Flynn
Consulting Engineers
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Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

12/02/2024
Date Signed:

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

ATHLETIC DETAILS

Drawing

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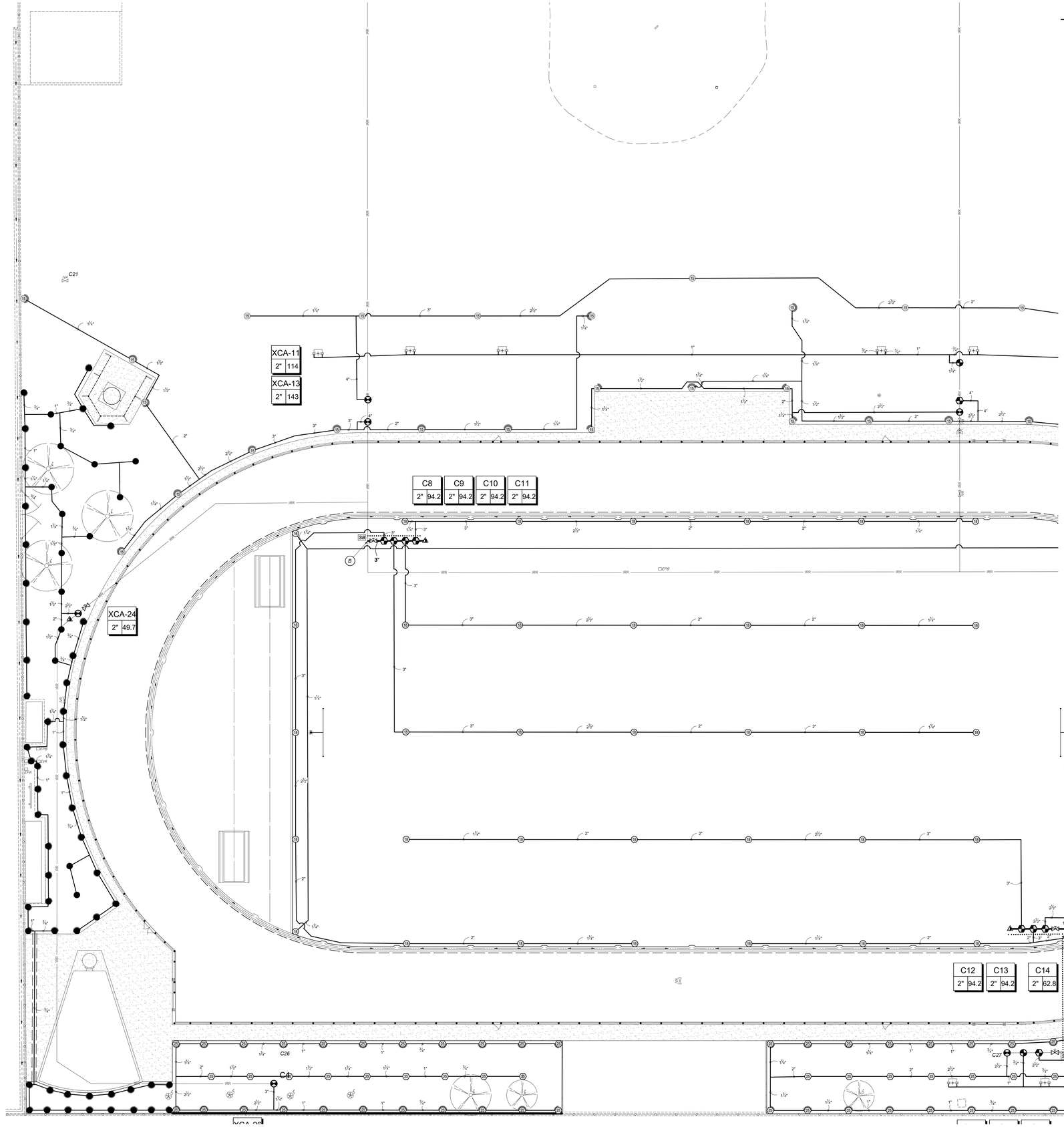
Architect

No.	Revision/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

		Designed By: KL	
Scale:	No Scale	Drawn By: TJ	SD/X401
Project Number:	2470.1	Checked By: ZDH	
Date:	12/02/2024	Reviewed By: JDB	Sheet: ________ of: ________



IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
●	HUNTER MP1000 PROS-04-PRS40-CV-F M	90-210	40		14'	O/SD/L103
●	HUNTER MP2000 PROS-04-PRS40-CV-F K	90-210	40		19'	O/SD/L103
●	HUNTER MP2000 PROS-04-PRS40-CV-F R	360	40	1.48	19'	O/SD/L103
☼	TREE BUBBLER 10F HUNTER PROS-PRS30-04-MSBN	360	30	1	1'	N/SD/L103

SYMBOL	MANUFACTURER/MODEL	PSI	GPM	RADIUS	DETAIL
25	HUNTER I-20-04-PRB-MPR 25	45		25'	I/SD/L103
18	HUNTER I-25-04-SS 18	60	15.7	59'	I/SD/L103
15	HUNTER I-25-04-SS 15	60	14.3	57'	I/SD/L103

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
▪	DRIP ZONE CONTROL KIT MF IRRITROL 700-1-MF	A/SD/L104
⏻	FLUSH VALVE	D/SD/L104
OP	DRIP SYSTEM OPERATION INDICATOR HUNTER ECO-ID	C/SD/L104
▨	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-04-18 TECHLINE PRESSURE COMPENSATING 17MM LANDSCAPE DRIPLINE WITH CHECK VALVE 0.4 GPH EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. MINIMUM 1" COVER	B/SD/L104

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
⊗	EXISTING REMOTE CONTROL VALVE	
◔	REMOTE CONTROL VALVE - 2" TORO P220-G	G/SD/L103
◔	REMOTE CONTROL VALVE 1", 1-1/2" HUNTER ICV-G	G/SD/L103
◭	QUICK COUPLER VALVE HUNTER-44RC WITH HK44 KEY AND HS2 HOSE SWIVEL	H/SD/L103
⋈	GATE VALVE LARGE LEEMCO LMV-BB WITH 2" NUT PUSH-ON BELL ENDS, OR EQUAL	J/SD/L103
CA	NEW CONTROLLER - A HUNTER I2C-5400-SS 54 STATION OUTDOOR MODULAR CONTROLLER. WITH FOUR ICM-800 & ONE ICM-2200 MODULES. STAINLESS STEEL CABINET.	E/SD/L104
SB	SPLICE BOX	K/SD/L103
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 SOLVENT WELD, SIZE AS NOTED	C/SD/L103
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 RUBBER GASKETED, SIZE AS NOTED	A/SD/L103
	PIPE SLEEVE: PVC SCHEDULE 40 TWICE PIPE SIZE	E/SD/L103
# / #" / #	VALVE NUMBER VALVE FLOW (GPM) VALVE SIZE	
L	EXISTING LATERAL LINE	
IRR	EXISTING MAIN LINE	
+	PROPOSED TREE, SEE PLANTING PLAN ON SHEET L1.0 TO L1.4 FOR VARIETY AND SIZE	
	CONTROL WIRE PLUS ONE (1) COMMON WIRE	D/SD/L103
	DRIPLINE MANIFOLD: PVC SCHEDULE 40	F/SD/L104

(A) RELOCATE EXISTING HEADS AND ADJUST NOZZLES ARC TO PROTECT HARDSCAPE. SEE GENERAL IRRIGATION NOTE #17.

(B) CONNECT NEW MAIN LINE TO EXISTING MAIN LINE

(C) EXISTING IRRIGATION VALVE WITH REVISED FLOW. SCHEDULED TO REMAIN OPERATIONAL ON EXISTING MAIN LINE.

(D) NEW 2" REMOTE CONTROL VALVE - TORO P220, PER OWNER REQUEST

(E) NEW 1" OR 1-1/2" REMOTE CONTROL VALVE - HUNTER ICV-G, PER OWNER REQUEST

(F) REPLACE EXISTING IRRIGATION CONTROLLER C-4 WITH A NEW IRRIGATION CONTROLLER - A (SEE LEGEND FOR DETAILS)

Know what's below. Call before you dig.

SCALE: N 1"=20'

0 5 20 40 SCALE IN FEET

DSA File No.:

DSA Application No.:
02-122959

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DATE: 12/10/2024

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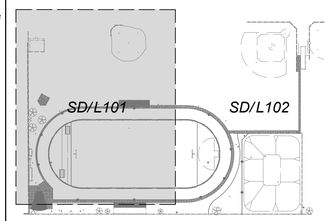
SEE SHEET SD/L103 AND SD/L104 FOR IRRIGATION DETAILS



KEYMAP

General Notes

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Tel (559) 326-1400
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Consultant

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Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC	SD/L101
Project Number: 2470.1	Checked By: JDB	
Date: 12/02/2024	Reviewed By: JDB	Sheet: _____ of: _____

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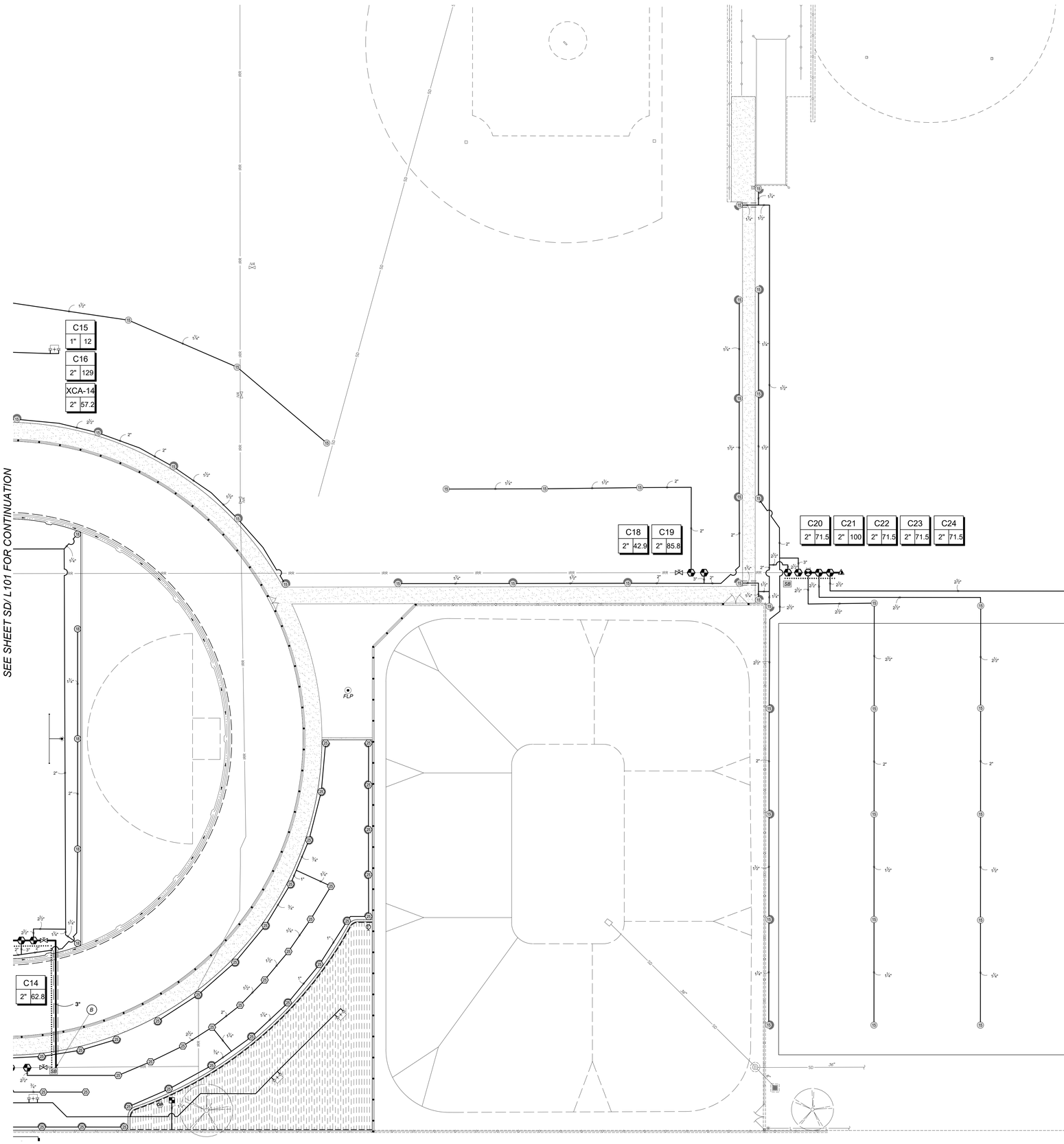
Plot by: kylawson Dec 03, 2024 - 12:18pm



IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
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●	HUNTER MP2000 PROS-04-PRS40-CV-F R	360	40	1.48	19'	O/SD/L103
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▪	DRIP ZONE CONTROL KIT MF IRRITROL 700-1-MF	A/SD/L104
⏻	FLUSH VALVE	D/SD/L104
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⚠	QUICK COUPLER VALVE HUNTER-44RC WITH HK44 KEY AND HS2 HOSE SWIVEL	H/SD/L103
⋈	GATE VALVE LARGE LEEMCO LMV-BB WITH 2" NUT PUSH-ON BELL ENDS, OR EQUAL	J/SD/L103
CA	NEW CONTROLLER - A HUNTER I2C-5400-SS 54 STATION OUTDOOR MODULAR CONTROLLER. WITH FOUR ICM-800 & ONE ICM-2200 MODULES. STAINLESS STEEL CABINET.	E/SD/L104
SB	SPLICE BOX	K/SD/L103
———	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 SOLVENT WELD, SIZE AS NOTED	C/SD/L103
═══	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 RUBBER GASKETED, SIZE AS NOTED	A/SD/L103
– – – –	PIPE SLEEVE: PVC SCHEDULE 40 TWICE PIPE SIZE	E/SD/L103
# / #" #●	VALVE NUMBER VALVE FLOW (GPM) VALVE SIZE	
L	EXISTING LATERAL LINE	
IRR	EXISTING MAIN LINE	
+	PROPOSED TREE. SEE PLANTING PLAN ON SHEET L1.0 TO L1.4 FOR VARIETY AND SIZE	
·····	CONTROL WIRE PLUS ONE (1) COMMON WIRE	D/SD/L103
– – – –	DRIPLINE MANIFOLD: PVC SCHEDULE 40	F/SD/L104

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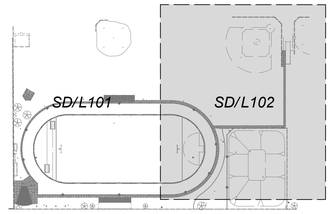
Agency Approval

SEE SHEET SD/L103 AND SD/L104 FOR IRRIGATION DETAILS



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Blair, Church & Flynn CONSULTING ENGINEERS
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451 Clovis Avenue, Suite 200
Clovis, California 93612
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Consultant

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Drawing

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Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC	SD/L102
Project Number: 2470.1	Checked By: JDB	
Date: 12/02/2024	Reviewed By: JDB	Sheet: _____ of: _____

Drawing: P:\224-0293\Site\production\drawings\224293lr01.dwg; L102 - BCF.ctb
Plot by: kylawson Dec 03, 2024 - 12:18pm

DSA File No.:

DSA Application No.:
02-122959

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SS ☐ FLS ☐ ACS ☑
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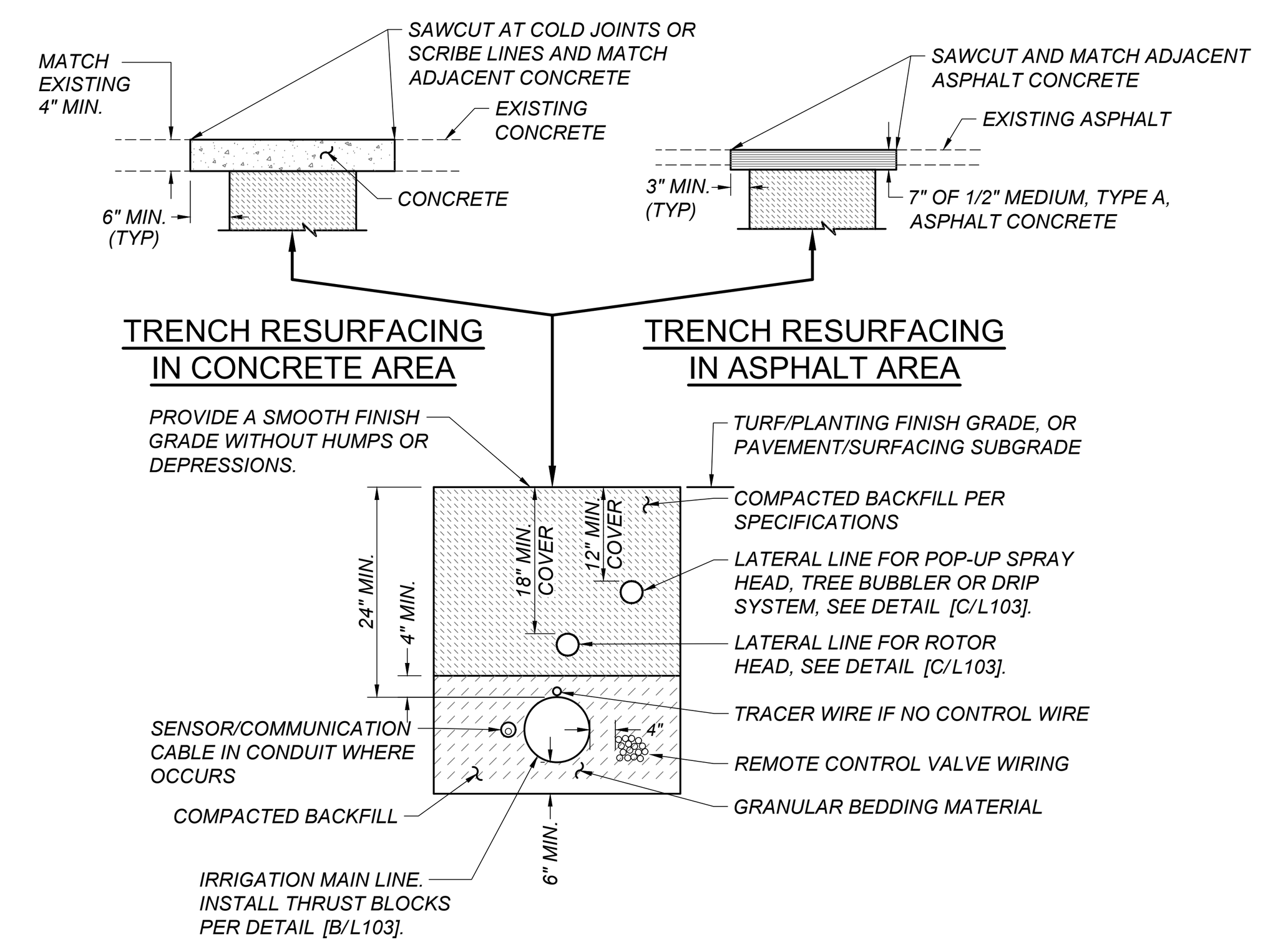
Agency Approval



A SD/L103 IRRIGATION TRENCH BACKFILL
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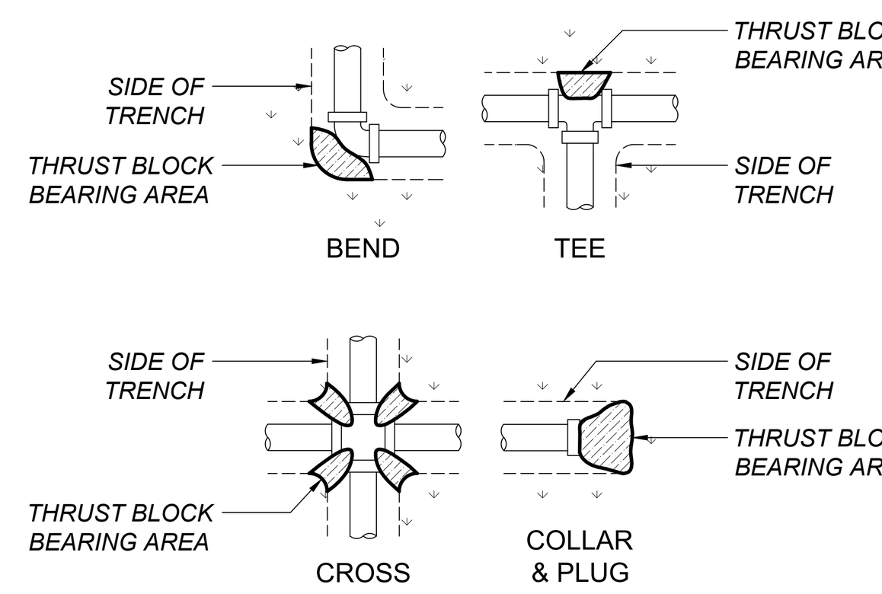
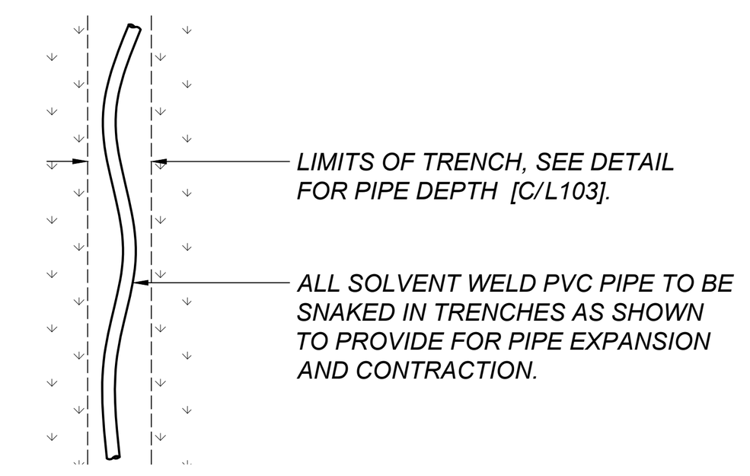


NOTE: CONCRETE PER SPECIFICATIONS. THRUST BLOCKS NOT REQUIRED WITH LESS THAN 2" MAIN LINE

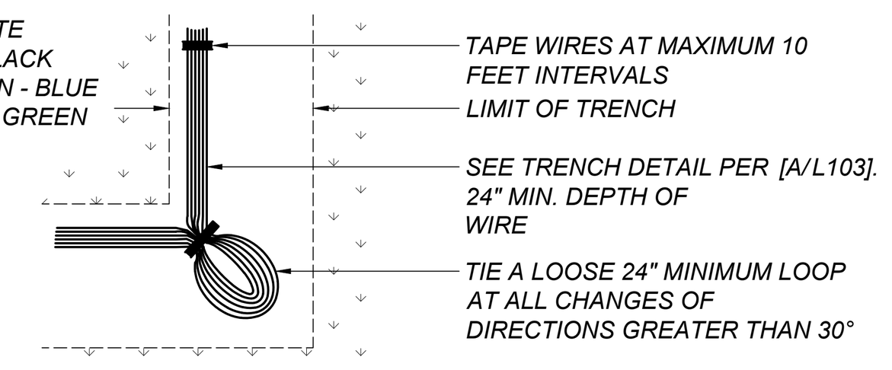
TABLE OF BEARING AREAS REQUIRED (IN SQUARE FEET)					
PIPE DIAMETER	≦4"	6"	8"	10"	12"
CROSS, TEE, 90° BEND, PLUG, FIRE HYDRANT	1	3	5	8	11
45° BEND	1	2	3	4	6
22-1/2° BEND	0.5	1	2	2	3
11-1/4° BEND	0	0	1	1	2
GATE VALVE (IN-LINE)	0	1	2.5	4	9

B SD/L103 CONCRETE THRUST BLOCKS
NOT TO SCALE



C SD/L103 SOLVENT WELD PIPE
NOT TO SCALE

NOTES:
1. WIRES UNDER PAVEMENT OR WALKS SHALL BE INSTALLED WITHIN A CONDUIT WHICH HAS BEEN PLACED BY BORING, JACKING OR DRILLING. CONDUIT TO BE PVC SCH 40 TYPE II PIPE. WIRES SHALL NOT BE TAPED TOGETHER INSIDE THE CONDUIT.
2. NO SPLICES ARE ALLOWED BETWEEN POINTS OF CONNECTIONS.
3. A VALVE BOX MUST BE PROVIDED AT ALL UNDERGROUND SPLICE CONNECTIONS.
4. HOT - RED
COMMON - WHITE
SPARE HOT - BLACK
SPARE COMMON - BLUE
TRACER WIRE - GREEN

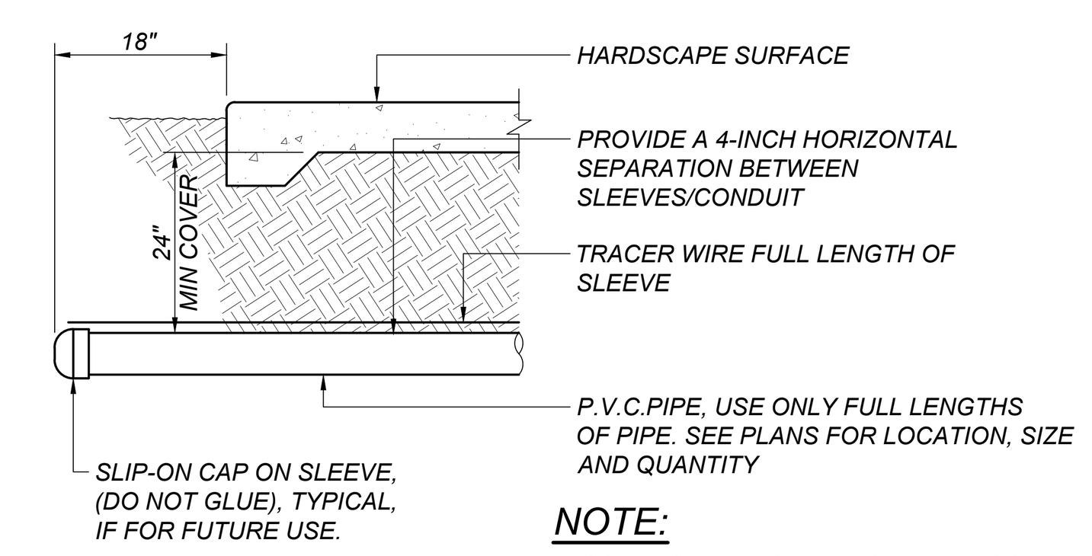


D SD/L103 IRRIGATION WIRE
NOT TO SCALE

CONDUIT/SLEEVE FOR CONTROL WIRE

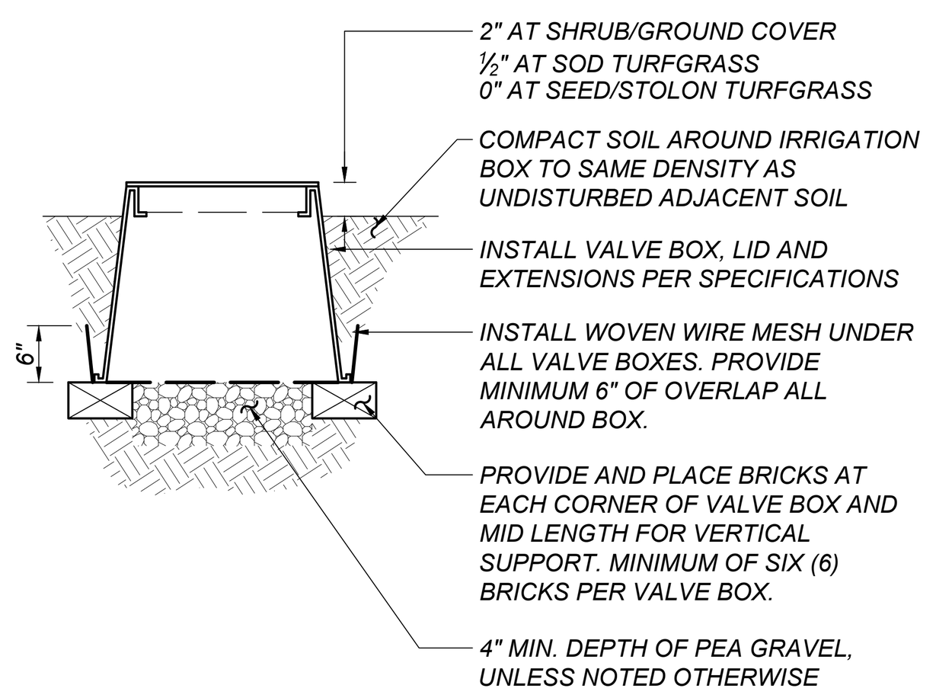
CONDUIT/SLEEVE SIZE	QTY. 14 GA. WIRE
1"	8 OR LESS
1-1/4"	15
1-1/2"	20
2"	32
2-1/2"	45
3"	70
4"	120

NOTE: SLEEVE FOR PIPE IS 2X THE PIPE DIAMETER



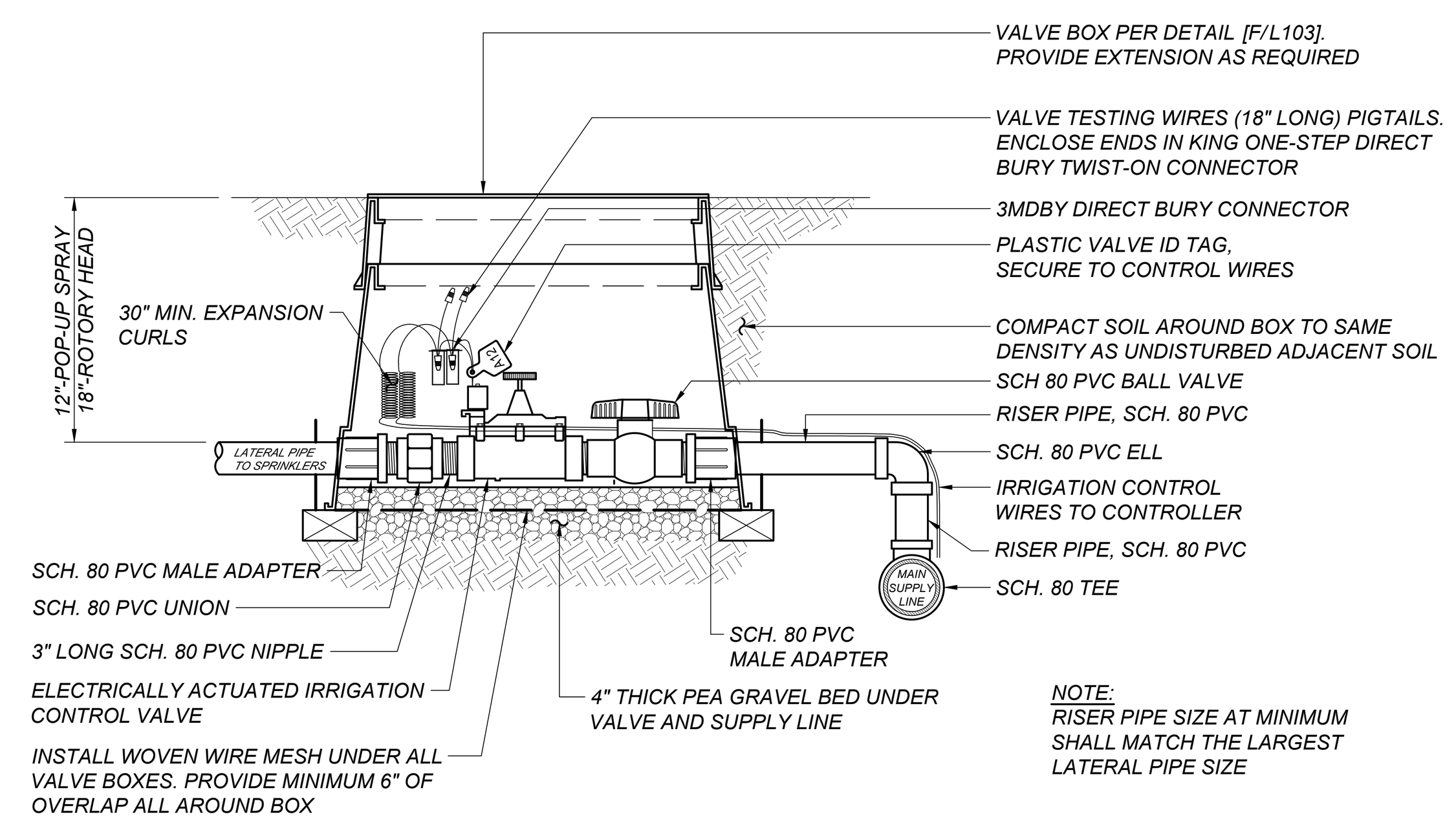
NOTE:
IF CONTROL WIRES ARE ROUTED IN CONDUIT, SLEEVE FOR WIRES IS NOT REQUIRED

E SD/L103 IRRIGATION SLEEVE/CONDUIT
NOT TO SCALE

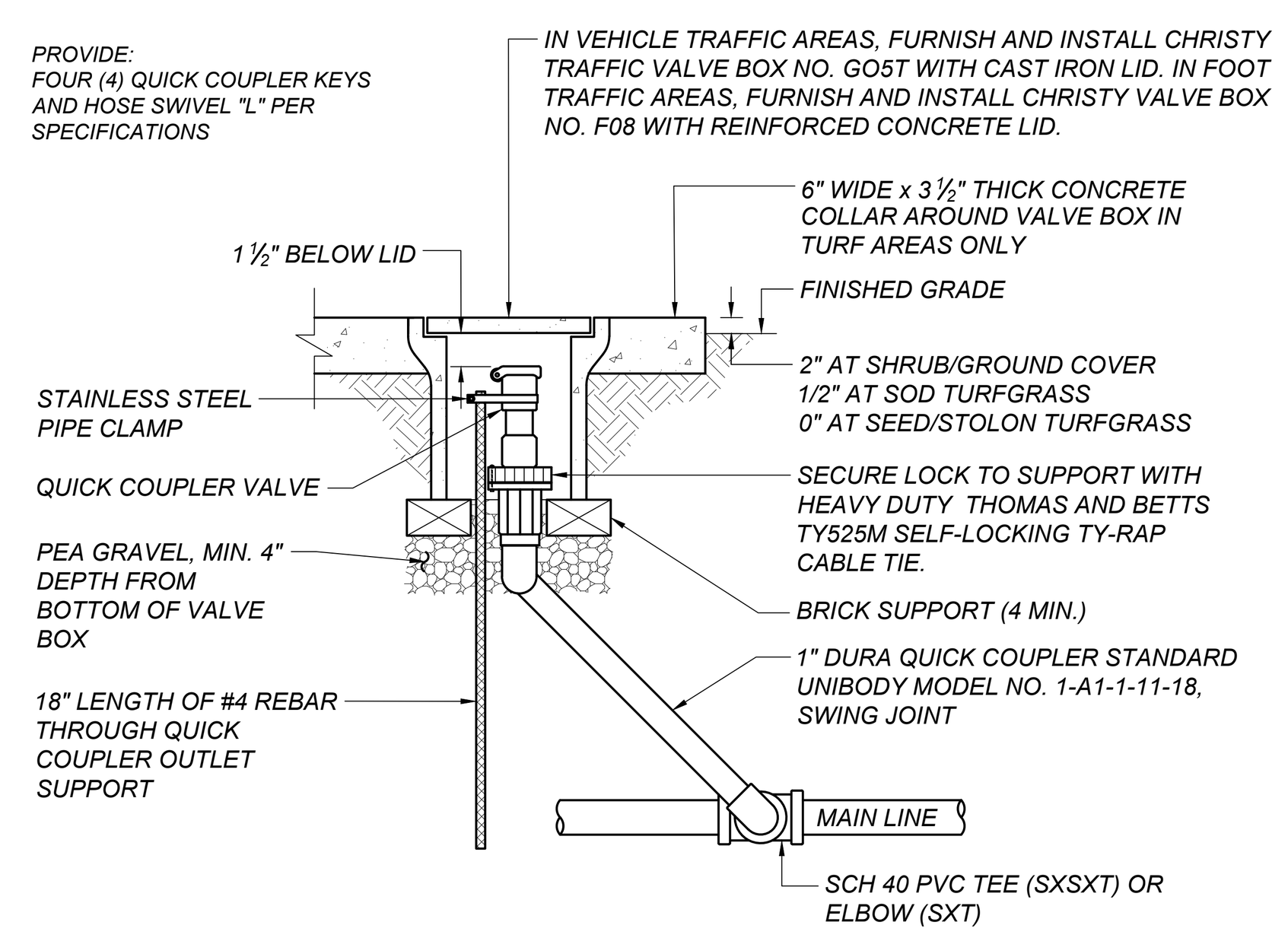


NOTE:
PROVIDE A TRAFFIC RATED CONCRETE BOX AND LID FOR ANY BOX LOCATED IN HARDSCAPE PAVEMENT AND SET FLUSH TO FINISHED SURFACE. PROVIDE A 6"X6" CONCRETE COLLAR AROUND THE BOX IF LOCATED IN ASPHALTIC CONCRETE.

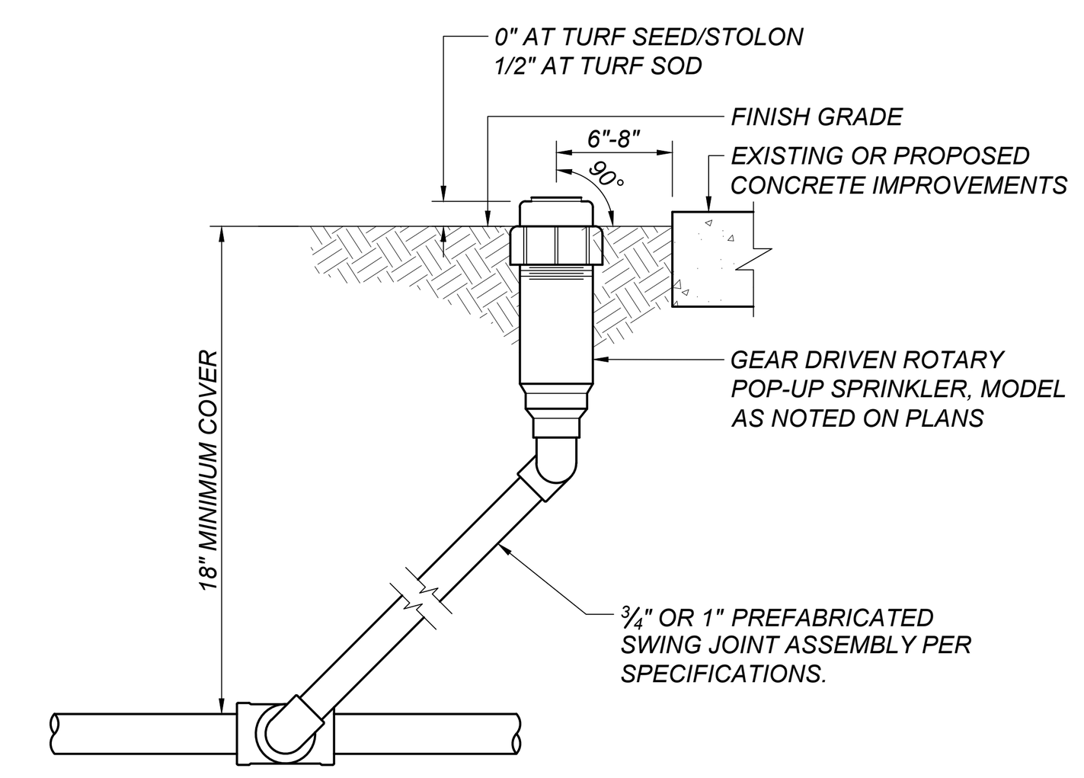
F SD/L103 IRRIGATION VALVE BOX
NOT TO SCALE



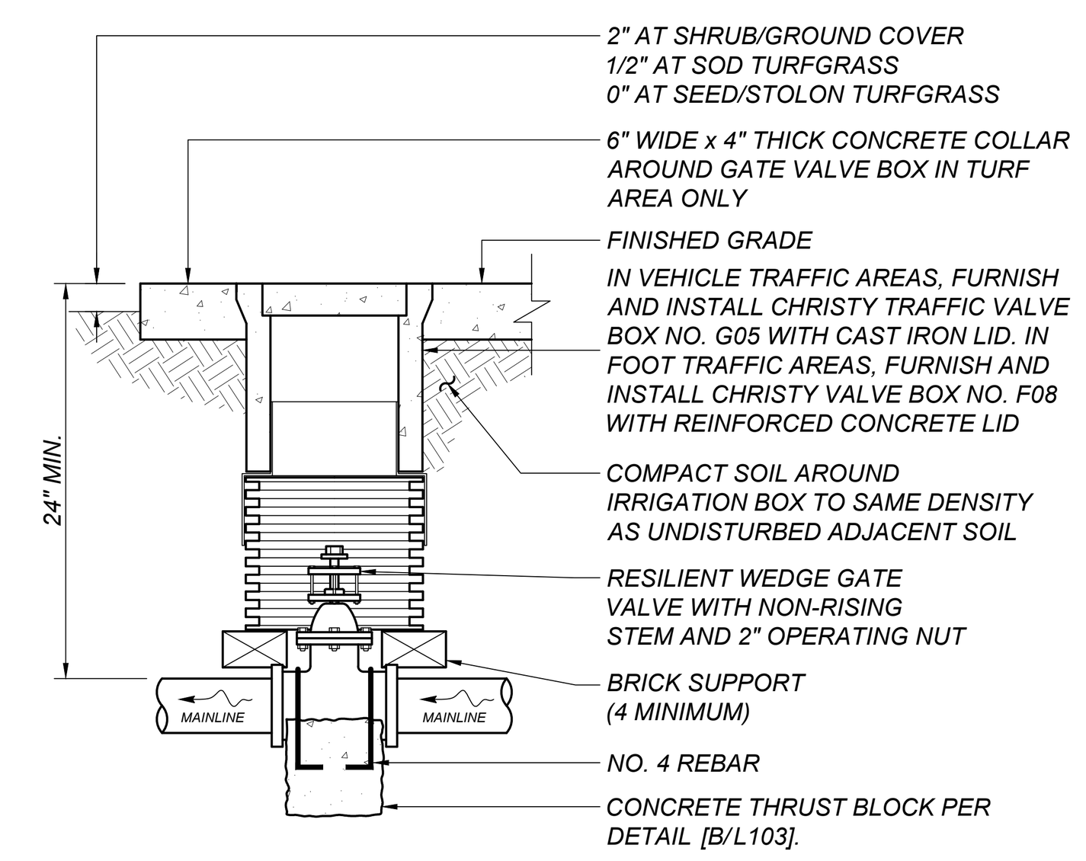
G SD/L103 REMOTE CONTROL VALVE WITH BALL VALVE - GLOBE
NOT TO SCALE



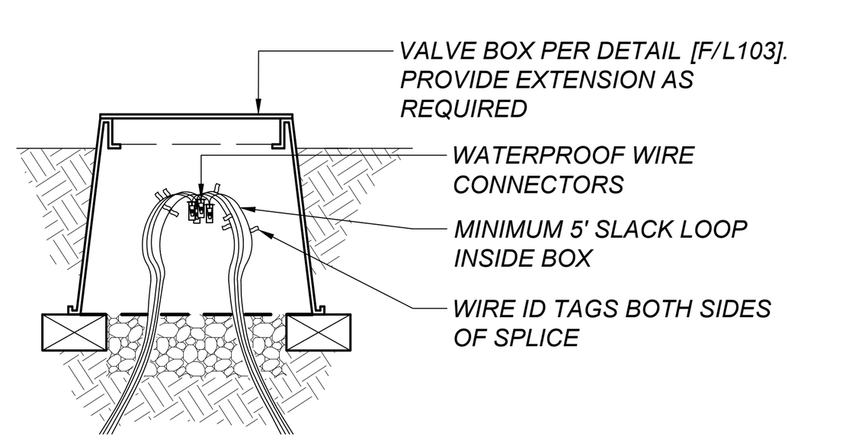
H SD/L103 QUICK COUPLER VALVE
NOT TO SCALE



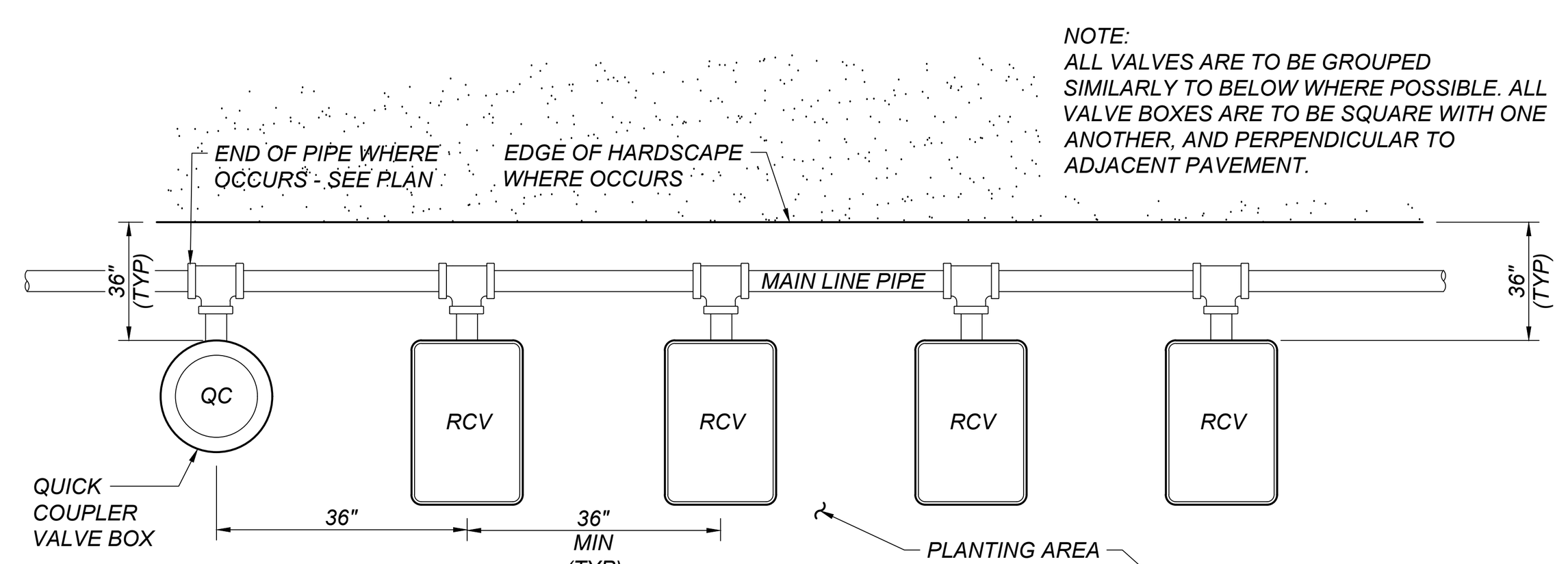
I SD/L103 POP-UP ROTOR
NOT TO SCALE



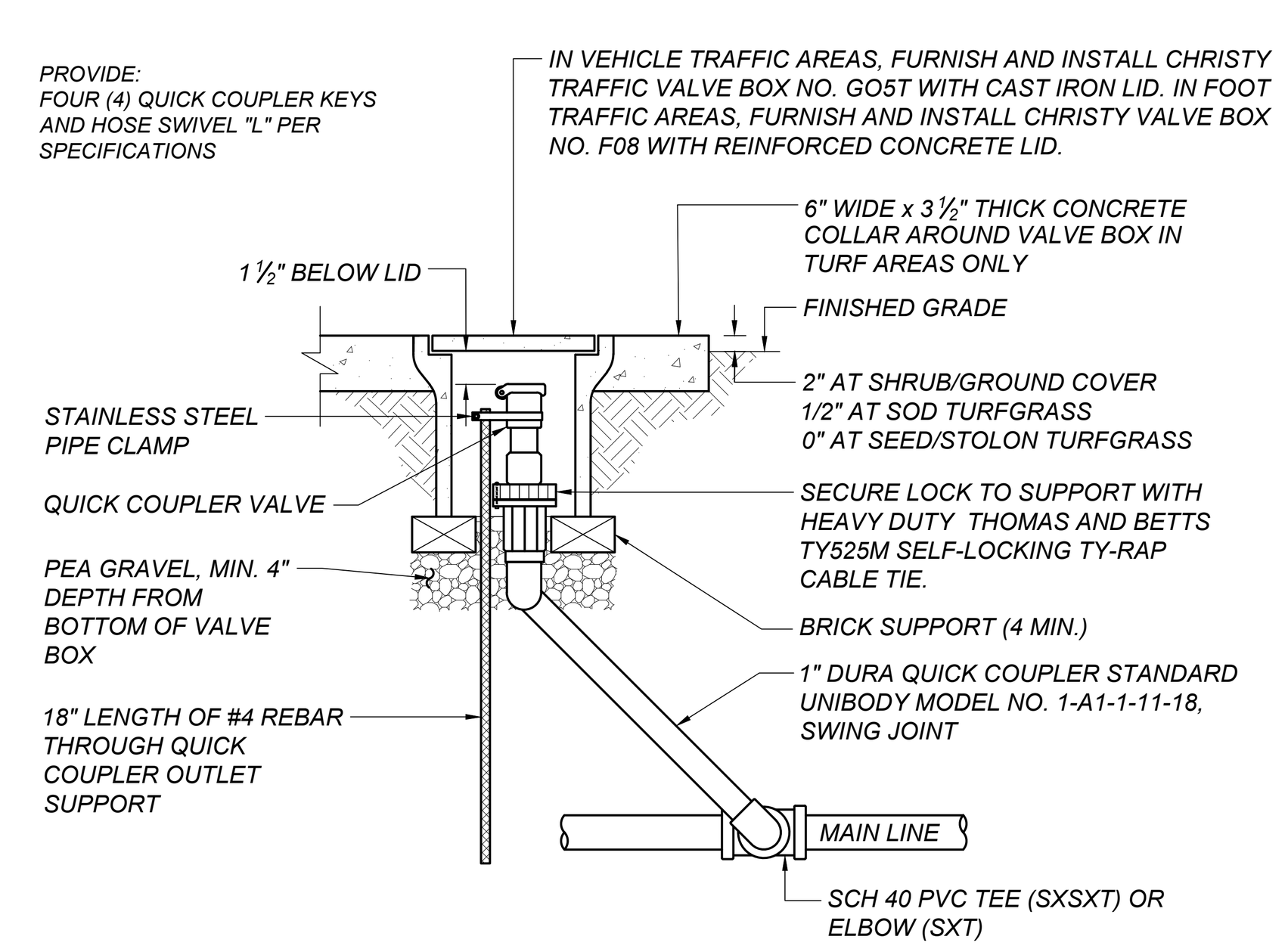
J SD/L103 2" AND LARGER GATE VALVE
NOT TO SCALE



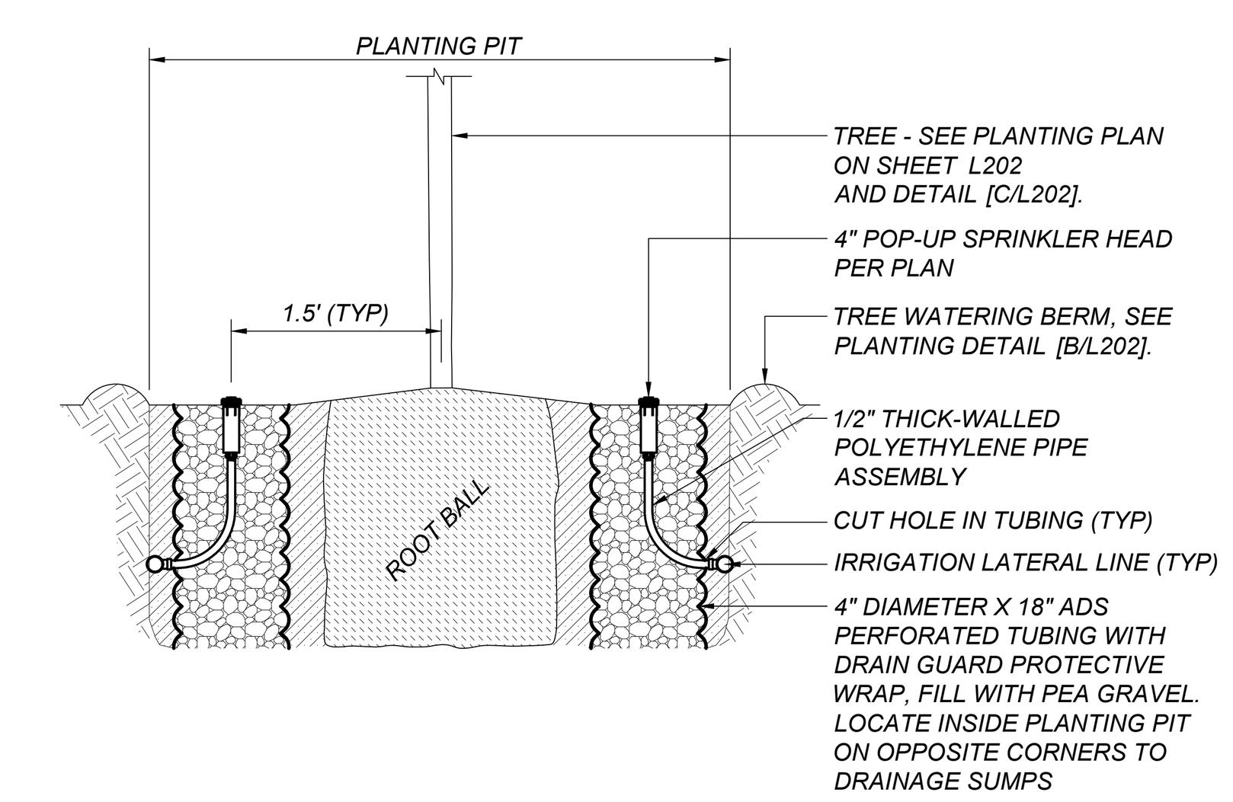
K SD/L103 SPLICEBOX
NOT TO SCALE



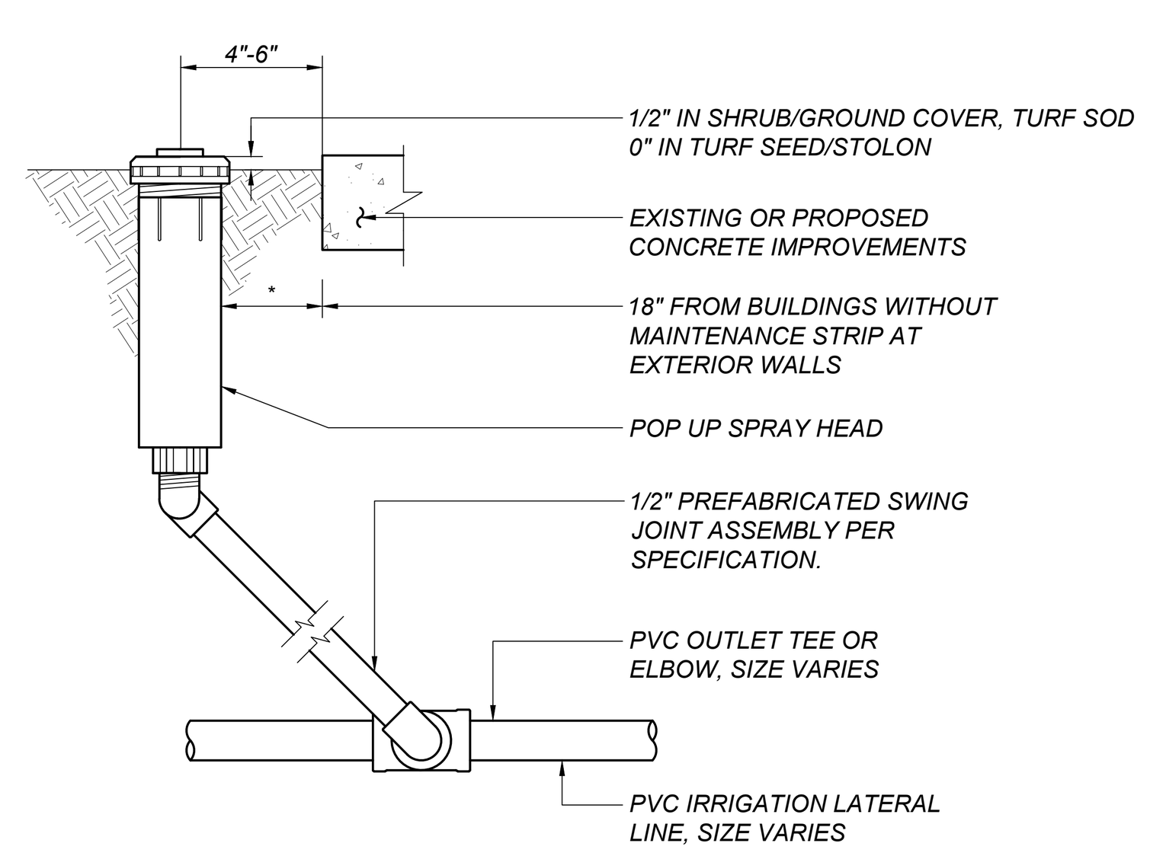
L SD/L103 VALVE BOX LAYOUT
NOT TO SCALE



M SD/L103 QUICK COUPLER VALVE
NOT TO SCALE



N SD/L103 TREE BUBBLERS
NOT TO SCALE



O SD/L103 POP-UP SPRAY
NOT TO SCALE

General Notes

Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

LICENSED LANDSCAPE ARCHITECT — DAVID W. BRILEY — Signature — 12/31/24 Renewal Date — Date — STATE OF CALIFORNIA

Consultant

Jack G. Desmond MS - Track & Field Improvements
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LICENSED ARCHITECT — ANTONIO J. AVILA — No. C26235 — Ren. 10-31-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

	Designed By: KC	
Scale: No Scale	Drawn By: KC	SD/L103
Project Number: 2470.1	Checked By: JDB	
Date: 12/02/2024	Reviewed By: JDB	Sheet: ________ of: ________

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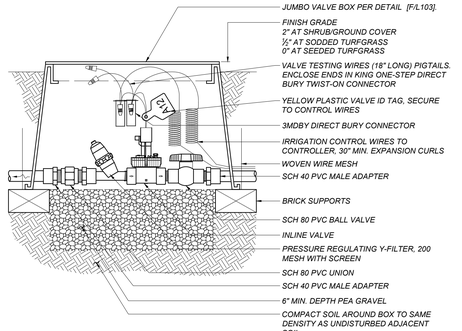
Plot by: kylawson Dec 03, 2024 - 12:18pm



A SD/L104 DRIP ZONE ASSEMBLY
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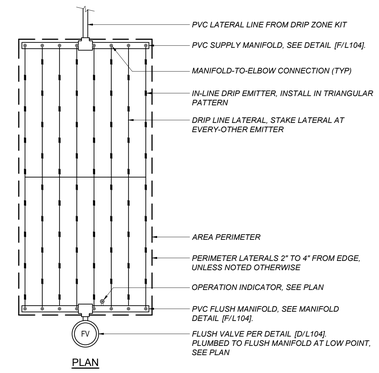

B SD/L104 DRIPLINE LAYOUT SCHEMATIC
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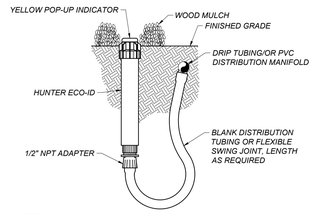

C SD/L104 HUNTER ECO-INDICATOR
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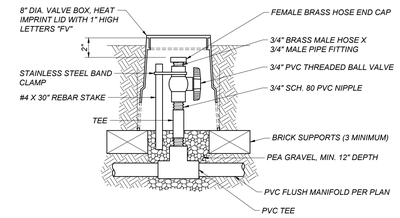

D SD/L104 DRIPLINE FLUSH VALVE
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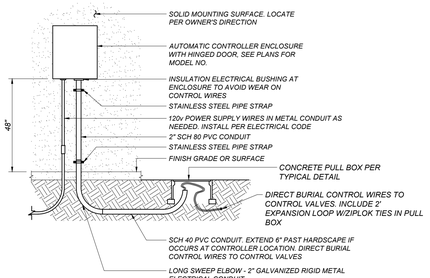

E SD/L104 EXTERIOR WALL MOUNTED CONTROLLER
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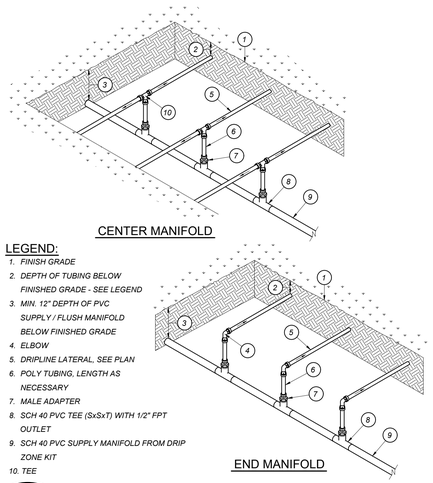

LEGEND:
1. FINISH GRADE
2. DEPTH OF TUBING BELOW FINISHED GRADE - SEE LEGEND
3. MIN. 12" DEPTH OF PVC SUPPLY / FLUSH MANIFOLD BELOW FINISHED GRADE
4. ELBOW
5. DRIPLINE LATERAL, SEE PLAN
6. POLY TUBING, LENGTH AS NECESSARY
7. MALE ADAPTER
8. SCH 40 PVC TEE (SxSxT) WITH 1/2" FPT OUTLET
9. SCH 40 PVC SUPPLY MANIFOLD FROM DRIP ZONE KIT
10. TEE

F SDL104 DRIPLINE MANIFOLD
NOT TO SCALE

GENERAL IRRIGATION NOTES:

1. *ALL ITEMS IN THE LEGEND ARE TO BE FURNISHED AND INSTALLED, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL FURNISH THE ARTICLES, EQUIPMENT, MATERIALS OR PROCESSES SPECIFIED BY NAME. NO SUBSTITUTION WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE DESIGN ENGINEER. (ALL MATERIAL REQUIRED SHALL BE NEW AND OF THE BEST QUALITY AVAILABLE)*
2. *THE DESIGN ENGINEER RESERVES THE RIGHT TO REJECT ANY MATERIAL OR WORK WHICH DOES NOT CONFORM TO THE CONTRACT PLANS AND SPECIFICATIONS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE DESIGN ENGINEER.*
3. *PRIOR TO STARTING WORK, THE CONTRACTOR SHALL VERIFY THE EXISTING SYSTEM COMPONENTS' LOCATION, SIZES AND ROUTING FOR BACKFLOW PREVENTERS, CONTROLLERS, MAIN AND LATERAL PIPING, VALVES, SPRINKLER HEADS AND CONTROL WIRE; AND SHALL CONFIRM THEIR OPERATIONAL STATUS IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL ALSO VERIFY THE AVAILABLE STATIC PRESSURE AT THE POINT-OF-CONNECTION. FAILURE TO NOTIFY THE OWNER'S REPRESENTATIVE BEFORE STARTING WORK OF ANY DEVIATION FROM THE INFORMATION SHOWN ON THE CONTRACT DOCUMENTS, OR NECESSARY REPAIRS TO THE EXISTING SYSTEM, SHALL MAKE THE CONTRACTOR RESPONSIBLE TO PROVIDE, AT HIS OWN EXPENSE, ANY CORRECTIVE WORK OR COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM WITH FULL COVERAGE.*
4. *THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND KEEP ANY EXISTING IRRIGATION SYSTEM SCHEDULED TO REMAIN OPERATIONAL AT ALL TIMES DURING THE COURSE OF THIS WORK. THE CONTRACTOR SHALL REPLACE ANY PLANTS DEAD OR DISTRESSED DUE TO THE INTERRUPTION OF EXISTING IRRIGATION SCHEDULES AND SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE EXISTING SYSTEM'S OPERATIONAL*
5. *THE CONTRACTOR IS RESPONSIBLE TO LOCATE AND PROTECT ALL EXISTING UTILITIES. UTILITIES SHOWN ARE FOR THE CONTRACTOR'S AWARENESS AND NO SURVEY HAS BEEN COMPLETE TO VERIFY THE ACCURACY OF THE UTILITIES SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR ANY DAMAGED UTILITIES CAUSED BY CONSTRUCTION ACTIVITIES.*
6. *THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL DIMENSIONS SHOWN AND TO ADJUST SAID DIMENSIONS TO FIT SITE CONDITIONS AND ACTUAL EQUIPMENT INSTALLED.*
7. *THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE IRRIGATION FACILITIES AS INDICATED ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER.*
8. *THE IRRIGATION PLAN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND HEADS SHALL BE LOCATED IN PLANTING AREAS WHENEVER POSSIBLE.*
9. *THE CONTRACTOR SHALL PROVIDE ADEQUATE SAFETY MEASURES TO WARN AND PROTECT THE PUBLIC, OTHER SITE CONTRACTORS AND HIS WORKERS FROM POSSIBLE INJURY DUE TO HIS CONSTRUCTION EQUIPMENT AND OPERATIONS.*
10. *DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL HIS WORK, AND PLAN HIS WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC., AS MAY BE REQUIRED TO INSTALL THE PROPOSED FACILITIES AND ACCOMMODATE THE SITE CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE DONE TO PROVIDE A COMPLETE AND OPERATIONAL IRRIGATION SYSTEM. ALL WORK TO BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, LOCAL CODES AND ORDINANCES.*
11. *VALVES SHALL BE LOCATED IN SHRUB/GROUND COVER AREAS INSTEAD OF IN TURFGRASS AREAS WHENEVER POSSIBLE. VALVES IN ATHLETIC SPORTS FIELDS SHALL BE LOCATED OUTSIDE OF THE FIELD-OF-PLAY TO THE GREATEST EXTENT POSSIBLE.*
12. *THE CONTRACTOR SHALL REPLACE ANY EXISTING PLANTS SCHEDULED TO REMAIN (SEE LANDSCAPE PLANS) THAT ARE DAMAGED BY THIS WORK WITH NEW PLANTS OF THE SAME SPECIES/VARIETY AND SIZE AS THE ORIGINAL.*
13. *ANY EXISTING TURFGRASS REMOVED FOR THIS WORK SHALL BE REPLANTED IF VIABLE, OR NEW SOD OF THE SAME SPECIES/VARIETY INSTALLED. THE UPPER 6 INCHES OF THE COMPACTED TRENCH BACKFILL SHALL BE CONDITIONED PER LANDSCAPE SPECIFICATIONS PRIOR TO SOD INSTALLATION. THE NEW SOD SURFACE SHALL BE FLUSH TO THE ADJACENT TURFGRASS WITHOUT HUMPS OR DEPRESSIONS.*
14. *INSTALL SLEEVES UNDER ALL ASPHALT/CONCRETE IMPROVEMENTS. SLEEVES SHALL BE PVC SCH. 40 PVC OR SDR 35 AND TWICE THE DIAMETER OF THE PIPE UNLESS OTHERWISE NOTED. CONTROL WIRING SHALL BE SLEEVED IN 2" SCH 40 PVC UNLESS OTHERWISE NOTED. MINIMUM DEPTH OF SLEEVES UNDER ALL ASPHALT/CONCRETE IMPROVEMENTS IS 18" BELOW SUBGRADE OR 24" BELOW FINISHED GRADE, WHICHEVER IS GREATER.*
15. *CONTRACTOR SHALL SAWCUT TO EXISTING JOINTS, REMOVE AND REPLACE SURFACING (CONCRETE, ASPHALT) AS NECESSARY TO INSTALL THE IRRIGATION SYSTEM.*
16. *THE CONTRACTOR SHALL PROVIDE AND KEEP AN UP-TO-DATE "RECORD DRAWING" SHOWING ALL CHANGES TO THE ORIGINAL DRAWINGS AND EXACT LOCATIONS OF THE FACILITIES INSTALLED. BEFORE FINAL INSPECTION, THE CONTRACTOR SHALL FURNISH MARKED "RECORD DRAWINGS" TO THE INSPECTOR.*
17. *THE CONTRACTOR SHALL PROVIDE ADJUSTMENT OF NOZZLE ARC AND RADIUS, INCLUDING ANY ALTERNATE NOZZLE TYPES, NECESSARY TO PROVIDE COMPLETE COVERAGE, TO SUIT ACTUAL SITE CONDITIONS, AND TO MINIMIZE OVERSPRAY ONTO HARDSCAPE, PAVEMENT AND/OR STRUCTURES.*
18. *CONCRETE ANCHORS OR THRUST BLOCKS SHALL BE PROVIDED ON ALL MAIN LINE PIPING. THEY ARE TO BE LOCATED AT ALL ABRUPT CHANGES IN PIPELINE GRADE, CHANGES IN HORIZONTAL ALIGNMENT, REDUCTION IN PIPE SIZES, END OF LINE AND IN-LINE VALVES TO ABSORB ANY AXIAL THRUST OF THE PIPE. THE PIPE MANUFACTURER'S RECOMMENDATIONS FOR THRUST CONTROL SHALL BE FOLLOWED. THRUST BLOCKS MUST BE FORMED AGAINST UNDISTURBED EARTH.*
19. *ALL MAIN LINE AND LATERAL LINE PIPES UNDER PAVEMENT SHALL BE PRESSURE TESTED WITH THE VALVES INSTALLED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NEEDED. IF ANY LEAKS DEVELOP, THE REPAIRS ARE TO BE MADE AND THE TEST REPEATED UNTIL THE SYSTEM IS PROVEN WATERTIGHT. THE CONTRACTOR IS TO CENTER LOAD THE PIPE AND LEAVE ALL JOINTS EXPOSED FOR INSPECTION. THE PRESSURE TEST SHALL BE OBSERVED AND APPROVED BY THE OWNER'S REPRESENTATIVE. WHEN THE PIPE IS PROVEN WATERTIGHT AND ONLY THEN MAY THE LINE BE BACKFILLED.*
20. *WIRED CONNECTIONS BETWEEN THE CONTROLLER AND REMOTE CONTROL VALVES SHALL BE MADE WITH ONE CONTINUOUS DIRECT BURIAL WIRE RUN. A VALVE BOX MUST BE PROVIDED AT THE CONTRACTOR'S EXPENSE AT ALL UNDERGROUND SPLICES.*
21. *ONLY TEFLON TAPE OR AN APPROVED TEFLON PASTE MAY BE USED AS THE SEALING MATERIAL TO MAKE ALL THREADED CONNECTIONS. A MINIMUM OF TWO (2) WRAPS IN THE DIRECTION OF THE THREADS TO BE USED FOR TAPE. NO OTHER PIPE JOINT MATERIAL WILL BE ALLOWED WITHOUT THE WRITTEN AUTHORIZATION FROM THE DESIGN ENGINEER.*
22. *THE CONTRACTOR SHALL PROVIDE TWO (2) INDIVIDUALLY BOUND SETS OF OPERATION AND MAINTENANCE MANUALS. THE MANUAL SHALL CONTAIN THE FOLLOWING INFORMATION:*
    - *A. CONTRACTOR'S ADDRESS AND PHONE NUMBER.*
    - *B. DURATION OF GUARANTEE PERIOD (ONE YEAR AFTER FINAL ACCEPTANCE).*
    - *C. NAMES, ADDRESSES AND PHONE NUMBERS OF LOCAL MANUFACTURER REPRESENTATIVES.*
    - *D. COMPLETE SET OF MANUFACTURER'S LITERATURE AND SPECIFICATIONS.*
    - *E. COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL MAJOR EQUIPMENT.*
    - *F. ISSUE A "CERTIFICATE OF CONSTRUCTION COMPLIANCE" WHICH STATES THAT ALL WORK DONE AND MATERIALS AND EQUIPMENT USED ARE IN CONFORMANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND ALL AUTHORIZED REVISIONS.*
    - *G. INITIAL ELECTRICAL DATA ON EACH VALVE:*
      - *(1) OHMMS READING FOR EACH VALVE TAKEN AT THE CONTROLLER.*
      - *(2) VOLTAGE READING FOR EACH VALVE TAKEN BOTH AT THE CONTROLLER AND AT THE VALVE.*
23. *THE CONTRACTOR SHALL PROVIDE TWO SETS OF CONTROLLER CHARTS. THE CHARTS TO BE A REDUCED DRAWING OF THE ACTUAL PLANS. THE CHARTS SHALL BE COLORED WITH A DIFFERENT COLOR FOR EACH IRRIGATION CIRCUIT. THE CHARTS SHALL BE COVERED IN A WATERTIGHT ENVELOPE.*
24. *IRRIGATION LINE TRENCHING AND PIPE INSTALLATION LOCATED WITHIN THE CANOPY DRIP LINE OF EXISTING TREES SHALL BE PERFORMED BY HAND OR BY AIR SPADE WITHOUT CUTTING OR DAMAGING EXISTING ROOTS GREATER THAN ONE INCH IN DIAMETER. SEE EXISTING LANDSCAPE PROTECTION SECTION FOR ADDITIONAL REQUIREMENTS.*
25. *REPLACE ALL DAMAGED EXISTING VALVE BOXES AND/OR LIDS WITHIN THE AREA OF WORK. ADJUST THE ELEVATION OF ALL EXISTING VALVE BOXES WITHIN THE AREA OF WORK TO FINISH GRADE AS NECESSARY TO COMPLY WITH THE VALVE BOX DETAIL.*

WATER CONSERVATION COMPLIANCE STATEMENT:

I HAVE COMPLIED WITH THE CRITERIA OF THE LANDSCAPE WATER CONSERVATION ORDINANCE AND GUIDELINES, AND HAVE APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.

DAVID W. BRILEY, RLA 2787

IRRIGATION SYSTEM OBSERVATION LOG

		REVIEWED & ACCEPTED BY OWNER'S REP OR LAND ARCH		
ITEM NO.	WORK ITEM DESCRIPTION	PRINT NAME	SIGNATURE	DATE
IR-1	EXISTING SYSTEM OPERATION & PRESSURE CHECK			
IR-2	PIPING/WIRE SLEEVES UNDER PAVEMENT			
IR-3	MAIN LINE INSTALLATION & PRESSURE TEST			
IR-4	VALVE INSTALLATIONS			
IR-5	IRRIGATION COVERAGE PRIOR TO PLANTING			
IR-6	CONTROL EQUIPMENT INSTALLATION			
IR-7	BOOSTER PUMP INSTALLATION & START-UP (MANUF.)	N/A	N/A	
IR-8	FINAL SYSTEM OPERATION REVIEW			

NOTE: THE ORIGINAL VERSION OF THIS LOG SHALL BE MAINTAINED ON THE AS-BUILT RECORD DRAWING SET. WORK ITEMS MAY NOT BE REVIEWED IF PRIOR WORK ITEMS HAVE NOT BEEN ACCEPTED.

DRIP SYSTEM IRRIGATION NOTES:

1. *ALL ITEMS, ACCESSORIES, FITTINGS, ETC. NECESSARY FOR A COMPLETE AND PROPERLY FUNCTIONING SUB-SURFACE DRIP SYSTEM ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.*
2. *THE EQUIPMENT AND COMPONENTS CALLED OUT ON THE DRAWING LEGEND ARE THE PREFERENCE OF THE OWNER AND ARE SELECTED TO MATCH EQUIPMENT AND COMPONENTS IN USE IN OTHER SIMILAR IRRIGATION SYSTEMS OF THE OWNER.*
3. *PRIOR TO STARTING WORK, THE CONTRACTOR SHALL VERIFY ANY EXISTING SYSTEM COMPONENTS' LOCATION, SIZES AND ROUTING FOR BACKFLOW PREVENTERS, CONTROLLERS, MAIN AND LATERAL PIPING, VALVES, SPRINKLER HEADS AND CONTROL WIRE; AND SHALL CONFIRM THEIR OPERATIONAL STATUS IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL ALSO VERIFY THE AVAILABLE STATIC PRESSURE AND AVAILABLE SAFE FLOW AT THE POINT-OF-CONNECTION. FAILURE TO NOTIFY THE OWNER'S REPRESENTATIVE AND ENGINEER BEFORE STARTING WORK, OF ANY DEVIATION FROM THE INFORMATION SHOWN ON THE CONTRACT DOCUMENTS OR NECESSARY REPAIRS TO THE EXISTING SYSTEM, SHALL MAKE THE CONTRACTOR RESPONSIBLE TO PROVIDE, AT HIS OWN EXPENSE, ANY CORRECTIVE WORK OR COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM WITH FULL COVERAGE.*
4. *THE IRRIGATION PLAN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND COMPONENTS SHALL BE LOCATED IN PLANTING AREAS, UNLESS NOTED OTHERWISE. VALVES SHALL BE LOCATED IN SHRUB/GROUND COVER AREAS INSTEAD OF IN TURFGRASS AREAS WHENEVER POSSIBLE.*
5. *INSTALL DRIP EMITTERS IN A TRIANGULAR OR STAGGERED PATTERN AND AT A CONSISTENT DEPTH BELOW GRADE AS SHOWN OR INDICATED IN THE DRAWINGS.*
6. *STAKE THE EMITTER TUBING USING THE MANUFACTURER'S RECOMMENDED STAKES DIRECTLY OVER EVERY OTHER EMITTER. FOR EXAMPLE, IF THE EMITTERS ARE SPACED AT 18 INCHES O.C., THEN STAKE AT 36 INCHES O.C.*
7. *PRIOR TO BACKFILLING THE DRIP TUBING AND THE START OF PLANTING OPERATIONS, THE SYSTEM SHALL BE REVIEWED FOR PROPER OPERATION BY THE OWNER'S REPRESENTATIVE.*
8. *PROGRAM THE CONTROLLER TO OPERATE THE CONTROL VALVE(S) FOR THE DRIP SYSTEM USING THE CONTROLLER'S "CYCLE AND SOAK" FEATURE IN ORDER TO APPLY THE REQUIRED WATER AMOUNT IN THREE EQUAL CYCLES.*
9. *PRIOR TO THE START OF PLANTING OPERATIONS, THE DRIP SYSTEM SHALL BE OPERATED FOR A FREQUENCY AND DURATION TO ADEQUATELY MOISTEN THE TOPSOIL TO A MINIMIM DEPTH OF 12 INCHES AT ANY LOCATION WITHIN THE PLANTING AREA .*
10. *THE CONTRACTOR SHALL PROVIDE ONE HUNDRED (100) FEET OF IN-LINE EMITTER TUBING OF THE SAME MODEL AS SPECIFIED, ENOUGH STAKES FOR THE 100 FEET, AND TEN (10) OF EACH TYPE OF FITTINGS USED ON THE PROJECT FOR THE OWNER'S USE AS SPARE PARTS.*
11. *IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP ANY EXISTING IRRIGATION SYSTEM SCHEDULED TO REMAIN OPERATIONAL AT ALL TIMES DURING THE COURSE OF THIS WORK. THE CONTRACTOR SHALL REPLACE ANY PLANTS DEAD OR DISTRESSED DUE TO THE INTERRUPTION OF EXISTING IRRIGATION SCHEDULES, AND SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE EXISTING SYSTEM'S OPERATION.*
12. *THE CONTRACTOR SHALL REPLACE ANY EXISTING PLANTS SCHEDULED TO REMAIN THAT ARE DAMAGED BY THIS WORK WITH NEW PLANTS OF THE SAME SPECIES/VARIETY AND SIZE AS THE ORIGINAL PRIOR TO THE START OF WORK. ANY EXISTING TURFGRASS REMOVED FOR THIS WORK SHALL BE REPLANTED IF VIABLE, OR NEW SOD OF THE SAME SPECIES/VARIETY INSTALLED. THE UPPER 6 INCHES OF THE COMPACTED TRENCH BACKFILL SHALL BE CONDITIONED PER THE PLANTING SPECIFICATIONS PRIOR TO SOD INSTALLATION. THE NEW SOD SURFACE SHALL BE FLUSH TO THE ADJACENT TURFGRASS WITHOUT HUMPS OR DEPRESSIONS.*

CONTRACTOR SPECIAL IRRIGATION NOTES:

1. *THE CONTRACTOR SHALL PERFORM AN OPERATIONAL ASSESSMENT OF THE EXISTING IRRIGATION SYSTEM WITHIN THE AREA OF WORK WITH THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION OPERATIONS.*
2. *THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING PLANTING SCHEDULED TO REMAIN SHALL CONTINUE TO BE IRRIGATED THROUGHOUT THE COURSE OF CONSTRUCTION OPERATIONS. ANY DAMAGE TO THE EXISTING IRRIGATION SYSTEM THAT IMPACTS EXISTING PLANTING TO REMAIN SHALL BE IMMEDIATELY REPAIRED TO THE OWNER'S SATISFACTION.*
3. *PRIOR TO THE START OF ANY SHRUB, GROUND COVER, AND/OR TURFGRASS PLANTING, AN OPERATIONAL REVIEW OF THE IRRIGATION SYSTEM SHALL BE PERFORMED FOR PROPER COVERAGE AND SOIL MOISTURE DEPTH BY THE OWNER'S REPRESENTATIVE. ALL CORRECTIONS AND/OR ADJUSTMENTS SHALL BE COMPLETED AND VERIFIED BY THE OWNER'S REPRESENTATIVE BEFORE GROUND LEVEL PLANTING MAY COMMENCE.*
4. *THE ORIGINAL IRRIGATION SYSTEM OBSERVATION LOG SHALL BE MAINTAINED ON THE AS-BUILT RECORD DRAWING SET.*
5. *THE AS-BUILT RECORD DRAWING SET AND OTHER CLOSE-OUT ITEMS SHALL BE SUBMITTED AND ACCEPTED PRIOR TO THE SCHEDULING OF A FINAL ACCEPTANCE REVIEW.*
6. *UNLESS NOTED OTHERWISE, SALVAGE AND RETURN TO THE OWNER ALL IRRIGATION VALVES, HEADS AND OTHER EQUIPMENT COMPONENTS REMOVED AS PART OF THE WORK. SALVAGED COMPONENTS SHALL BE CLEAN AND IN WORKING CONDITION UNLESS NOTED AS NON-OPERATIONAL DURING THE OPERATIONAL ASSESSMENT.*

DSA File No.:

DSA Application No.: 02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

General Notes

Blair, Church & Flynn CONSULTING ENGINEERS
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Tel (559) 326-1400
Fax (559) 326-1500

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

IRRIGATION DETAILS

Drawing

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Architect

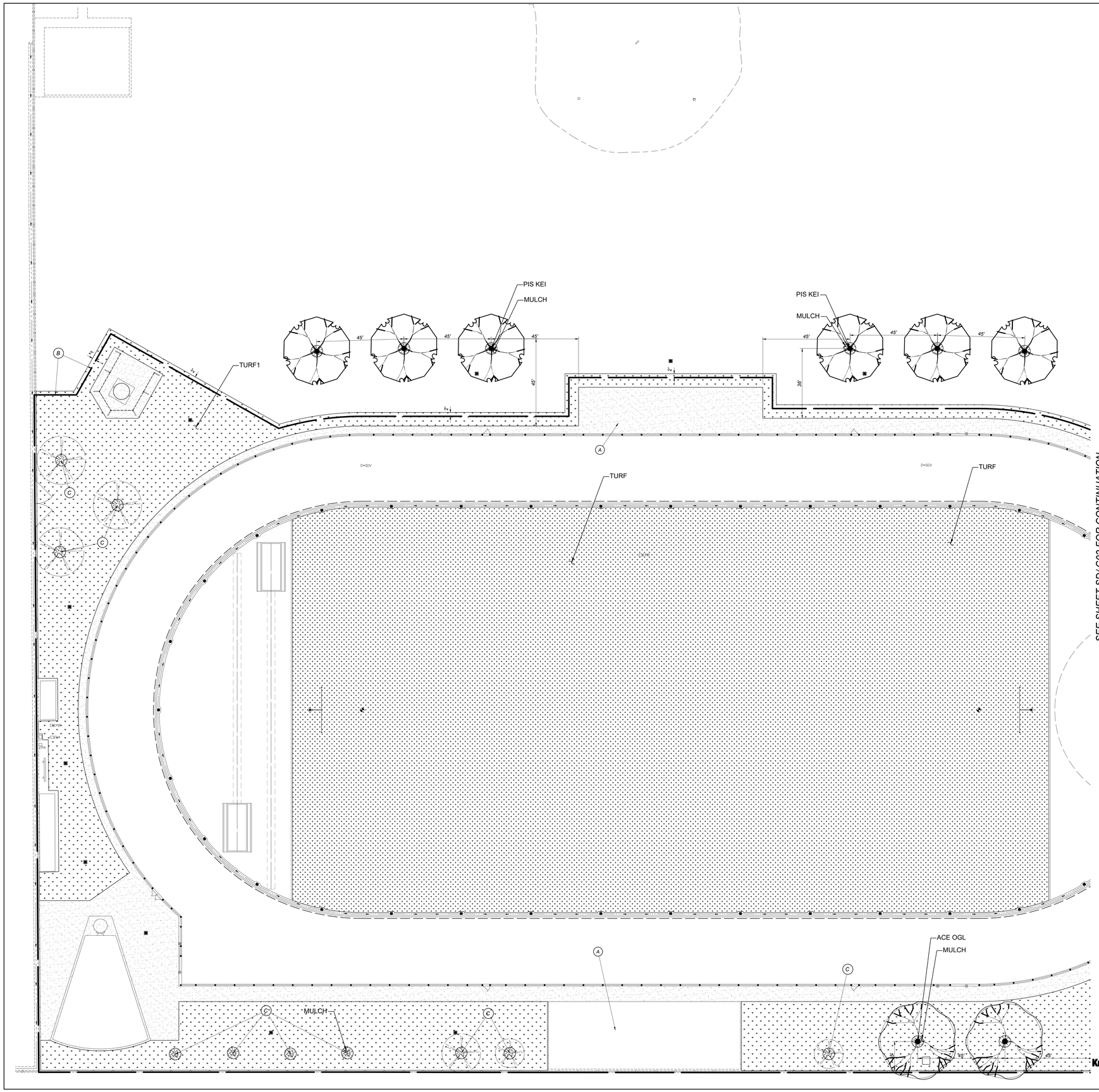
No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: No Scale	Drawn By: KC	SD/L104
Project Number: 2470.1	Checked By: JDB	
Date: 12/02/2024	Reviewed By: JDB	Sheet: _____ of: _____

Drawing: P:\224-0293\Site\production\drawings\224293mb01.dwg; L104 - BCF.ctb
Plot by: kyliawson Dec 03, 2024 - 12:18pm



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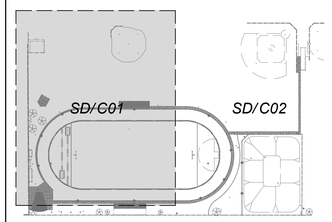
DATE: 12/10/2024

Agency Approval

SEE SHEET SD/L201 FOR PLANTING NOTES
SEE SHEET SD/L204 FOR PLANTING DETAILS



KEYMAP

General Notes

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Project

PARTIAL PLANTING PLAN

Drawing

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Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

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SCALE: N 1"=20'

0 5 20 40
SCALE IN FEET

	Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC	*SD/L201*
Project Number: 2470.1	Checked By: DWB	
Date: 12/02/2024	Reviewed By: JDB	Sheet: ---- of: ----

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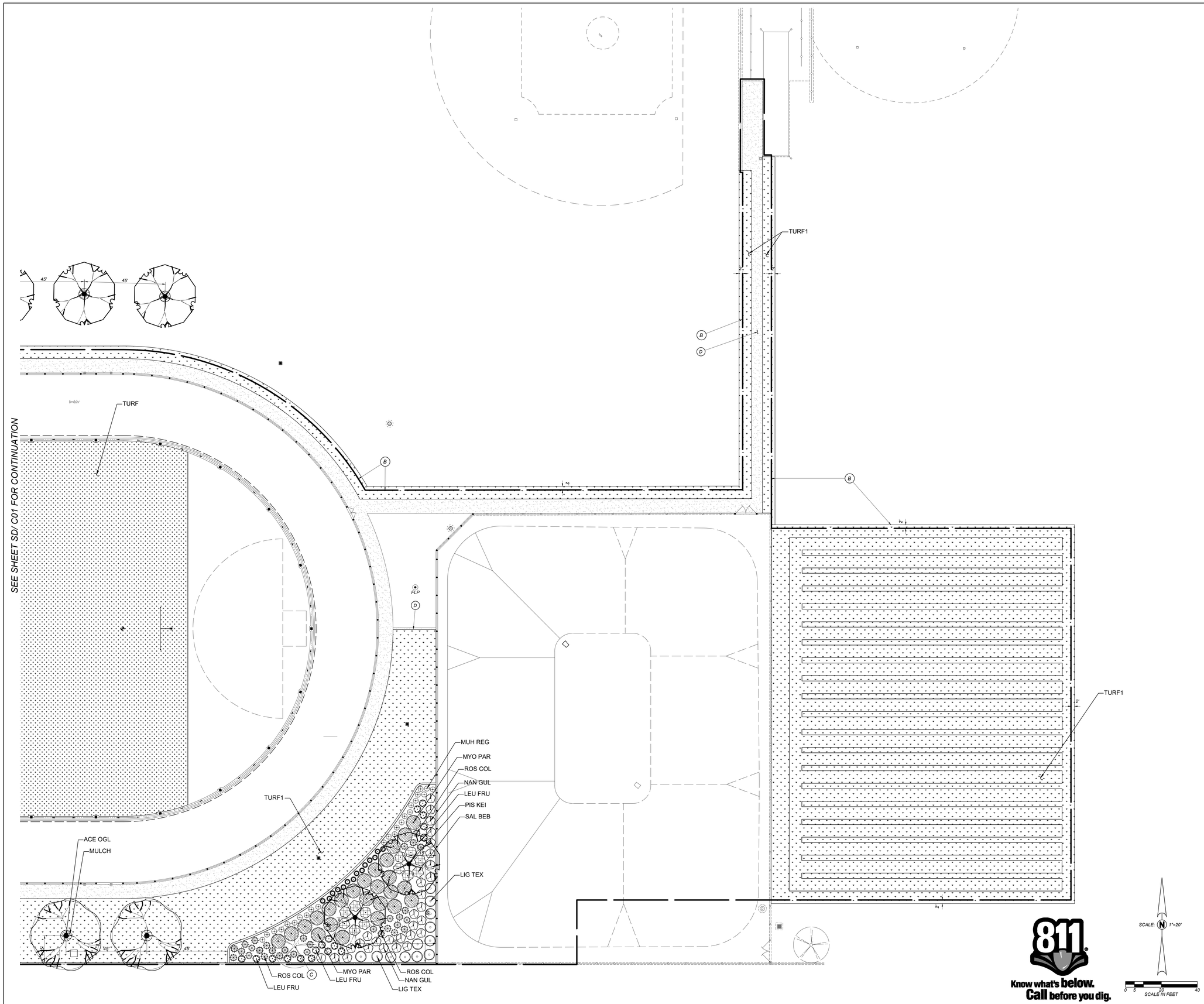
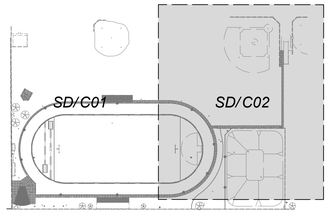
Plot by: kylawson Dec 02, 2024 - 12:18pm



SEE SHEET SD/L201 FOR PLANTING NOTES
SEE SHEET SD/L204 FOR PLANTING DETAILS



KEYMAP

Know what's below. Call before you dig.

SCALE: N 1"=20'

0 5 20 40
SCALE IN FEET

DSA File No.:

DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

General Notes

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REGISTERED LANDSCAPE ARCHITECT Paul Butler 12/31/24 RENEWAL DATE STATE OF CALIFORNIA

Consultant

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Project

PARTIAL PLANTING PLAN

Drawing

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LICENSED ARCHITECT ANTONIO J. AVILA No. C30235 REG. 10-31-25 STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS

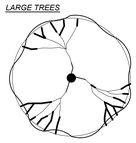
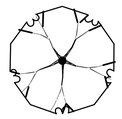
Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC	SD/L202
Project Number: 2470.1	Checked By: DWB	
Date: 12/02/2024	Reviewed By: JDB	Sheet: ---- of: ----

Drawing: P:\224-0293\Site\production\drawings\2242939s01.dwg; L202 - BCF.ctb
Plot by: kylawson Dec 03, 2024 - 12:18pm

PLANT LEGEND

TOTAL MIXED PLANTING AREA = 5,412 SF SUNSET ZONE: 9 MS = MATURE SIZE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY	DETAIL	REMARKS
LARGE TREES							
	ACE OGL	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY RED MAPLE	24"BOX	M	2	A/SD/L204	DECIDUOUS, RED FALL COLOR STANDARD FORM MS: 40'-50' H X 30'-40' W
	PIS KEI	PISTACIA CHINENSIS 'KEITH DAVEY' KEITH DAVEY CHINESE PISTACHE	24"BOX	L	8	A/SD/L204	DECIDUOUS. STANDARD FORM. FULL SUN. ORANGE-CRIMSON FALL COLOR MS: 30-40' H X 25-35' W
SYMBOL	**CODE**	**BOTANICAL / COMMON NAME**	**SIZE**	**WATER USE**	**QTY**	**DETAIL**	**REMARKS**
SHRUBS							
	LEU FRU	LEUCOPHYLLUM FRUTESCENS TEXAS SAGE	5 GAL	L	18	B/SD/L204	FULL SUN. BRIGHT PINK FLOWERS. MS: 3'-4' H X 3'-4' W
	LIG TEX	LIGUSTRUM JAPONICUM `TEXANUM` TEXAS PRIVET	5 GAL	L	12	A/SD/L204	FULL SUN, PARTIAL SUN. WHITE FLOWERS IN SPRING. MS: 10' H X 6" W
	MYO PAR	MYOPORUM PARVIFOLIUM `PINK` PINK MYOPORUM	1 GAL	L	27	B/SD/L204	FULL SUN. PINK FLOWERS. MS: 3"-6" H X 9' W
	NAN GUL	NANDINA DOMESTICA `GULF STREAM` TM GULF STREAM HEAVENLY BAMBOO	5 GAL	L	29	B/SD/L204	FULL SUN/ PARTIAL SUN. MS: 3`-4` H X 3`-5` W
	SAL BEB	SALVIA X `BEE`S BLISS` BEE`S BLISS SAGE	1 GAL	L	12	B/SD/L204	FULL SUN. MS: 1`-1.5`H X 4`-6`W.
GRASSES							
	BOU BLO	BOUTELOUA GRACILIS 'BLONDE AMBITION' BLONDE AMBITION BLUE GRAMA	5 GAL	L	14	B/SD/L204	FULL SUN TO PARTIAL SUN. SEMI-EVERGREEN GRASS. FLAG-LIKE, GOLDEN SUMMER FLOWERS ON STIFF. MS: 1`-3` H X 1`-3` W
	MUH REG	MUHLENBERGIA CAPILLARIS `REGAL MIST` PINK MUHLY	1 GAL	L	24	B/SD/L204	PERENNIAL, GRASS. FULL TO PART SUN. AIRY PINK-RED FLOWERS. MS: 3` H X 3` W
PERENNIALS							
	ROS COL	ROSMARINUS OFFICINALIS `COLLINGWOOD INGRAM` COLLINGWOOD INGRAM ROSEMARY	5 GAL	L	31	B/SD/L204	EVERGREEN. FULL SUN. DARK BLUE FLOWERS. MS: 2-3' H X 4' W
SYMBOL	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**WATER USE**	**QTY**	**DETAIL**	**REMARKS**
GROUND COVERS							
	MULCH	WALK-ON WOOD MULCH	N/A	N/A	504 SF	D/SD/L204	MIN. 3 INCH COMPRESSED DEPTH. SEE PLANTING NOTE #18. QUANTITY IS IN ADDITION TO THAT PROVIDED IN THE MIXED PLANTING AREA.
	TURF	`CELEBRATION` BERMUDAGRASS	SOD	M	81,230 SF	E/SD/L204	BIG-ROLL SOD
	TURF1	`IMPROVED BLEND COMMON` BERMUDAGRASS	SEED	M	76,550 SF		RIP SUBGRADE, TILL AMENDMENTS, FINISH GRADE, DRILL SEED PER SECTION 329000.

(A) HARDSCAPE PER CIVIL PLANS

(B) TRANSITION GRADE. SEE GRADING AND DRAINAGE PLAN. PROVIDE SOD UP TO 2' WIDTH WHERE ADJACENT TO UNDISTURBED TURFGRASS.

(C) PROTECT EXISTING TREE IN PLACE. TPZ (TREE PROTECTION ZONE) PER SECTION 320190

(D) MOWSTRIP PER CIVIL PLANS

LANDSCAPE PLANTING OBSERVATION LOG

ITEM NO.	WORK ITEM DESCRIPTION	REVIEWED & ACCEPTED BY OWNER'S REP OR LAND ARCH		
		PRINT NAME	SIGNATURE	DATE
PL-1	REPORT & PROTECTION OF EXISTING TREES			
PL-2	RIPPING OF PLANTING AREAS			
PL-3	SOIL CONDITIONING & TILLAGE DEPTH			
PL-4	IRRIGATION COVERAGE PRIOR TO PLANTING			
PL-5	FINISH GRADING PRIOR TO PLANTING			
PL-6	TREES - INITIAL QUALITY & LAYOUT			
PL-7	PLANTS - INITIAL QUALITY & LAYOUT			
PL-8	GRANULAR PRE-EMERGENT HERBICIDE IN MULCHED AREAS			
PL-9	WOOD MULCH DEPTH			

NOTES: THE ORIGINAL VERSION OF THIS LOG SHALL BE MAINTAINED ON THE AS-BUILT RECORD DRAWING SET.
WORK ITEMS MAY NOT BE REVIEWED IF PRIOR WORK ITEMS HAVE NOT BEEN ACCEPTED.

TREE SIZE AND QUALITY STANDARDS

AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1) AND GUIDELINE SPECIFICATIONS FOR NURSERY TREE QUALITY (URBAN TREE FOUNDATION) SHALL APPLY.

CONTAINER SIZE	TYPES 1 & 2 SHADE TREES			TYPE 3 SMALL UPRIGHT TREES**			TYPE 4 SMALL SPREADING TREES***		
	MIN. CALIPER	MAX. CALIPER	TYPE 1 MIN./MAX. HEIGHT*	MIN. CALIPER	MAX. CALIPER	MIN./MAX. HEIGHT	MIN. CALIPER	MAX. CALIPER	MIN./MAX. HEIGHT
15 GALLON	0.75	2.0	7-10 FT	0.75	2.0	6-8 FT	0.75	2.0	4-8 FT
24" BOX	1.25	3.0	8-12 FT	1.25	3.0	8-10 FT	1.25	3.0	6-10 FT
36" BOX	1.75	3.5	10-16 FT	1.75	3.5	10-14 FT	1.75	3.5	7-12 FT
42" BOX	2.0	4.0	12-20 FT	2.0	4.0	12-18 FT	2.0	4.0	8-14 FT
48" BOX	2.5	5.0	14-26 FT	2.5	5.0	14-22 FT	2.5	5.0	9-16 FT

* TYPE 2 TREE HEIGHTS SHALL NOT BE LESS THAN TWO-THIRDS THE LISTED HEIGHT RANGE.

** TYPE 3 TREES SHALL HAVE A MINIMUM OF SEVEN BRANCHES

*** TYPE 4 TREES SHALL HAVE A MINIMUM OF EIGHT BRANCHES

CALIPER MEASUREMENT FOR CLUMP OR MULTI-STEM TREES IS ONE-HALF THE SUM OF THE THREE LARGEST TRUNK CALIPERS

CALIPER MEASUREMENT: FOR +4" TRUNK IS +6" ABOVE ROOTBALL (NOT INCLUDING ROOTSTOCK); +4" TRUNK IS +12"

TREES SHALL HAVE A CENTRAL LEADER. NEW LEADERS LESS THAN HALF THE DIAMETER OF A HEADED LEADER, BROKEN OR CO-DOMINATE LEADERS ARE NOT ACCEPTABLE

SCAFFOLD BRANCHES SHALL BE LESS THAN 2/3 THE DIAMETER OF THE TRUNK, WITHOUT INCLUDED BARK AT ATTACHMENT. SCAFFOLD BRANCHES SHALL BE BALANCED, WELL SPACED VERTICALLY, AND WITH A RADIALLY BLANK SECTOR NO GREATER THAN 1/3 OF THE CANOPY CIRCUMFERENCE.

TEMPORARY BRANCHES ON THE LOWER TRUNK SHALL BE LESS THAN 3/8 INCH DIAMETER; AND THE CLEAR TRUNK HEIGHT SHALL BE NO MORE THAN 40% OF THE TOTAL TREE HEIGHT.

THE ROOT COLLAR AND ROOTBALL SHALL BE FREE OF DEFECTS INCLUDING CIRCLING, KINKED AND GIRDLING ROOTS. ROOTS THE EDGE AND BOTTOM OF THE CONTAINER SHALL BE LESS THAN 1/4 INCH DIAMETER, AND UNIFORM THROUGHOUT THE CONTAINER.

TREE CANOPY WIDTH SHALL BE A MINIMUM OF 25% OF THE STANDARD FORM TREE HEIGHT.

DO NOT HEAD BACK OR PRUNE TREES UNLESS APPROVED AND/OR DIRECTED TO BY THE LANDSCAPE ARCHITECT

WATER CONSERVATION COMPLIANCE STATEMENT:

I HAVE COMPLIED WITH THE CRITERIA OF THE LANDSCAPE WATER CONSERVATION ORDINANCE AND GUIDELINES, AND HAVE APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE PLANTING DESIGN PLAN.

DAVID W. BRILEY, RLA 2787

LANDSCAPE SHADE CALCULATIONS — SHADING PER CALGREEN 5.106.12

SITE SHADING - LANDSCAPE & HARDSCAPE	QUANTITY PROPOSED (SF)	PERCENT REQUIRED	SHADE AREA REQUIRED (SF)
LANDSCAPED AREA (EXCLUDING SPECIAL USE & PARKING LANDSCAPE AREAS)	5,412	20	1,082
UNCOVERED HARDSCAPE AREA (EXCLUDING PARKING HARDSCAPE AREAS)	19,775	20	3,955
TOTAL SITE SHADE REQUIRED			5,037

PROVIDED SHADE TREES	PROVIDED SHADE AREA	NO. TREES
VERY LARGE (40' dia.= 1256 SF)	0	0
LARGE (35' dia.= 962 SF)	9,620	10
MEDIUM (30' dia.= 707 SF)	0	0
SMALL (20' dia.= 314 SF)	0	0
TOTALS	9,620	10
OVER (UNDER) LANDSCAPE & HARDSCAPE SHADE REQUIREMENT		**4,583**

PLANTING NOTES:

1. *IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE IF IT IS OBVIOUS THAT OBSTRUCTIONS OR STRUCTURES, IRRIGATION SYSTEM MALFUNCTION, EXISTING TREES OR PLANTS, GRADE DIFFERENCES OR CHANGES IN THE SITE PLAN ARE PRESENT THAT WILL IMPACT THE PLANTING DESIGN. FAILURE TO GIVE SUCH NOTIFICATION SHALL PLACE THE RESPONSIBILITY ON THE CONTRACTOR FOR ANY REVISIONS OR REPLACEMENTS NECESSARY FOR CORRECTION.*
2. *ANY EXISTING PLANTING SHOWN ON THE PLAN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY THE EXISTING PLANTING AT THE SITE PRIOR TO STARTING WORK. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL PROTECT THE EXISTING PLANTING ADJACENT TO THE WORK FROM DAMAGE OR DISTRESS.*
3. *ALL TREES AND SHRUBS SHALL BE OF CLASS A QUALITY WITHOUT PESTS, DISEASE OR DAMAGE, SHALL BE WELL ESTABLISHED IN THEIR CONTAINERS WITHOUT GIRDLING ROOTS OR EXCESSIVE TOP GROWTH, AND SHALL COMPLY WITH THE REQUIREMENTS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1).*
4. *NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION OF IRRIGATION COMPONENTS AND TREE AND/OR SHRUB PLANTING FOR APPROVAL OF THE PLANT LAYOUT AND PLANT QUALITY. PLANT LOCATIONS SHALL AVOID CONFLICTS WITH EXISTING IMPROVEMENTS, PLANTINGS OR UTILITIES. LIGHT POLES WHILE MEETING THE DESIGN INTENT. DO NOT PLANT TREES WITHIN 15 FEET OF LIGHT POLES UNLESS SPECIFICALLY AUTHORIZED. FAILURE TO OBTAIN SUCH APPROVAL SHALL PLACE THE RESPONSIBILITY ON THE CONTRACTOR FOR ANY RELOCATION OR REPLACEMENT OF IRRIGATION COMPONENTS, PLANTED TREES AND/OR SHRUBS.*
5. *PLANT QUANTITIES ARE PROVIDED FOR BIDDING CONVENIENCE ONLY. THE CONTRACTOR SHALL PROVIDE SUFFICIENT QUANTITIES OF PLANTS EQUAL TO THE SYMBOL COUNT OR TO FILL THE AREA SHOWN ON THE PLAN AT THE SPECIFIED TRIANGULAR SPACING.*
6. *WHERE GROUND COVER PLANTS ARE SHOWN AT A SPECIFIED SPACING, THE GROUND COVER PLANTING CONTINUES UNDERNEATH THE TALLER SHRUBS AND TREES AS SHOWN IN THE PLANTING DETAILS. DO NOT PLANT GROUND COVER IN SHRUB OR TREE WATERING BASINS.*
7. *ALL NEW TREES LOCATED WITHIN 8 FEET OF PAVEMENT OR STRUCTURES SHALL HAVE A ROOT CONTROL BARRIER INSTALLED WHEN PLANTED. UNLESS OTHERWISE SPECIFIED, INSTALL A 12 FOOT LONG X 24 INCH DEEP LINEAR POLYETHYLENE BARRIER VESPRO OR EQUAL AT THE EDGE OF PAVEMENT/STRUCTURE, CENTERED ON THE TREE TRUNK AS SHOWN IN THE PLANTING DETAILS.*
8. *REMOVE NURSERY STAKES FROM TREES AFTER TREE STAKING OR GUYING AS SHOWN IN THE DETAILS.*
9. *INSTALL PERFORATED POLYETHYLENE TREE TRUNK PROTECTORS FOR ALL NEW TREES PLANTED IN TURF, UNLESS NOTED OTHERWISE. MAINTAIN A MINIMUM 6 FOOT DIAMETER MULCHED AREA AT THE BASE OF THE TREE INSIDE THE WATERING BASIN.*
10. *THE CONTRACTOR SHALL PRUNE NEW TREES ONLY WHEN SPECIFICALLY DIRECTED BY THE LANDSCAPE ARCHITECT. TREES HEADED BACK WITHOUT INTACT SCAFFOLDING BRANCH STRUCTURE OR IN ROOT-BOUND CONTAINERS SHALL BE REJECTED.*
11. *SUBMIT REPRESENTATIVE SOIL SAMPLES OF NATIVE AND PROPOSED IMPORT, IF NEEDED, PLANTING TOPSOIL TO A SOIL LAB FOR HORTICULTURAL ANALYSES AND FERTILITY RECOMMENDATIONS. AMEND SOIL ACCORDING TO THE RECOMMENDATIONS OF THE SOILS REPORT AND LANDSCAPE ARCHITECT'S DIRECTION. SEE THE LANDSCAPE PLANTING SPECIFICATIONS FOR ADDITIONAL INSTRUCTIONS.*
12. *PROVIDE SANDY LOAM TOPSOIL PER SPECIFICATION IN ALL RAISED PLANTERS AND WHERE IMPORT TOPSOIL IS REQUIRED. NATIVE SITE SOIL MAY BE USED IN RAISED PLANTERS ONLY WHEN THE NATIVE SITE SOIL MEETS THE CRITERIA FOR SANDY LOAM TOPSOIL AS DETERMINED BY A SOIL ANALYSIS.*
13. *PRIOR TO SOIL CONDITIONING, RIP IN TWO DIFFERENT DIRECTIONS WITH TINES AT 12 INCH SPACING, ALL TURFGRASS AREAS TO A 12 INCH DEPTH, AND SHRUB/GROUND COVER AREAS TO A 18 INCH DEPTH. ROUGH GRADE AND TILL THE APPROVED SOIL CONDITIONERS AND FERTILIZERS INTO THE TOP SIX (6) INCHES PER THE LANDSCAPE PLANTING SPECIFICATIONS. COMPOST RATE SHALL BE A MINIMUM OF FOUR (4) CUBIC YARDS PER 1,000 SQUARE FEET OR AS MODIFIED BY THE LANDSCAPE ARCHITECT BASED ON THE SOIL FERTILITY ANALYSIS.*
14. *UPON THE COMPLETION OF THE SOIL CONDITIONING, REMOVE ROCKS AND CLODS 1 INCH DIAMETER AND GREATER FROM THE TOP TWO INCHES OF TOPSOIL, AND ALL DEBRIS. FINISH GRADE THE AREA TO +/- 0.04 FOOT TOLERANCE. FINISH GRADE IN MULCHED AREAS SHALL BE STRAIGHT GRADES WITHOUT HUMPS OR DEPRESSIONS AND SHALL BE 2 INCHES BELOW ADJACENT HARDSCAPE, INLETS OR UTILITY BOX COLLARS. RELATIVE DENSITY OF THE TOPSOIL SHALL NOT EXCEED 85% COMPACTION.*
15. *OBTAIN THE APPROVAL OF THE OWNER'S REPRESENTATIVE TO BEGIN PLANTING OPERATIONS ONCE THE IRRIGATION SYSTEM IS OPERATIONAL AND THE SOIL CONDITIONING AND FINISH GRADING IS COMPLETED.*
16. *AFTER PLANTING IS COMPLETED AND JUST PRIOR TO MULCH INSTALLATION, APPLY A BROAD SPECTRUM PRE-EMERGENT HERBICIDE TO ALL NON-TURFGRASS PLANTING AREAS PER THE MANUFACTURER'S SPECIFICATIONS.*
17. *WHERE MULCH IS TO BE INSTALLED IN AN EXISTING PLANTING AREA, BREAKUP/TILL THE EXISTING SOIL TO A MINIMUM 6 INCH DEPTH PER SPECS, AND ADJUST FINISH GRADE ADJACENT TO HARDSCAPE AND DRAINAGE ELEMENTS TO PROVIDE A 2 INCH DEPTH THAT TRANSITIONS TO THE EXISTING GRADE OVER 1 TO 2 FEET.*
18. *INSTALL A MINIMUM 3 INCH DEPTH OF CHIPPED WALK-ON WOOD MULCH IN ALL PLANTING AREAS AND TREE WATERING BASINS EXCEPT FOR TURFGRASS AREAS, SLOPES 3H:1V OR GREATER, AREAS TO RECEIVE SEED PLANTING, OR AS NOTED ON THE PLAN. AREAS PLANTED WITH FLATS SHALL HAVE A MINIMUM MULCH DEPTH OF 2 INCHES. INSTALL A MINIMUM 3 FOOT RADIUS OF 3 INCH DEEP WOOD MULCH AT THE BASE OF ALL TREES IN NEW TURFGRASS AREAS.*
19. *ALL EXISTING PLANTS AND/OR TURFGRASS SHOWN TO REMAIN AND DAMAGED OR REMOVED BY CONSTRUCTION OPERATIONS AND/OR UTILITY/IRRIGATION/DRAINAGE LINES SHALL BE REPLACED WITH PLANTS THAT MATCH AS CLOSELY AS POSSIBLE TO THE EXISTING PLANT SPECIES, VARIETY AND SIZE. THE REPLACEMENT TURFGRASS SOD VARIETY SHALL BE THE SAME AS SHOWN IN THE PLANTING LEGEND AS IF FOR NEW WORK, OR SHALL MATCH THE EXISTING TURFGRASS VARIETY WHERE EXISTING. TILL SOIL CONDITIONING MATERIALS INTO THE TOP 6 INCHES OF THE SOIL OVER THE AREA OF REPAIR/REPLACEMENT AS IF FOR NEW WORK. ADJUST FINISH GRADE SO NEW TURFGRASS SOD ABUTS FLUSH TO EXISTING SOD GRADE. THE REPLACEMENT PLANTS AND/OR TURFGRASS SOD SHALL BE MAINTAINED AS PART OF THE ORIGINAL SCOPE OF WORK. THE REPAIR OR REPLACEMENT WORK SHALL BE AT THE CONTRACTOR'S SOLE EXPENSE.*
20. *CONTRACTOR SHALL MAINTAIN THE NEW PLANTING FOR HEALTHY AND VIGOROUS GROWTH, WHICH INCLUDES BUT IS NOT LIMITED TO WATERING, WEEDING, FERTILIZING, MOWING AND EDGING (AT LEAST ONCE A WEEK), REMOVING TRASH AND DEBRIS, AND OTHER RELATED ACTIVITIES THROUGHOUT THE DURATION OF THE MAINTENANCE PERIOD UNTIL FINAL ACCEPTANCE.*

CONTRACTOR SPECIAL PLANTING NOTES:

1. *AN ASSESSMENT AND VALUATION OF ONSITE EXISTING TREES SCHEDULED TO REMAIN IN THE AREA OF WORK SHALL BE PERFORMED BY THE CONTRACTOR'S ARBORIST PRIOR TO THE START OF CONSTRUCTION OPERATIONS PER THE 'EXISTING LANDSCAPE PROTECTION' SPECIFICATION.*
2. *THE CONTRACTOR SHALL RIP, CONDITION AND TILL THE ENTIRE EXTENT OF ALL PLANTING AREAS RECEIVING NEW PLANTS PER THE PLANTING NOTES AND 'LANDSCAPE PLANTING' SPECIFICATIONS.*
3. *ALL EXISTING MIXED PLANTING AREAS RECEIVING NEW WOOD MULCH SHALL BE MANUALLY TILLED TO A MINIMUM DEPTH OF 4 INCHES, CLODS BROKEN UP TO A MAXIMUM 1 INCH DIAMETER. FINISH GRADED TO 2 INCHES BELOW ADJACENT SURFACES AND UTILITY/IRRIGATION BOXES WITHIN 12 INCHES OF THE HARDSCAPE EDGE, AND A PRE-EMERGENT HERBICIDE APPLIED PRIOR TO WOOD MULCH INSTALLATION. PROTECT EXISTING PLANTING DURING WOOD MULCH PREPARATION AND INSTALLATION.*
4. *THE ORIGINAL PLANTING OBSERVATION LOG SHALL BE MAINTAINED ON THE AS-BUILT RECORD DRAWING SET.*
5. *THE AS-BUILT RECORD DRAWING SET AND MAINTENANCE MANUAL SHALL BE SUBMITTED AND ACCEPTED PRIOR TO THE SCHEDULING OF A FINAL ACCEPTANCE REVIEW.*

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

DSA File No.:

DSA Application No.: 02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

SEE SHEETS SD/L202, SD/L203 AND SD/L204 FOR PLANTING PLAN AND DETAILS

KEYMAP

General Notes

Blair, Church & Flynn CONSULTING ENGINEERS
Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

Consultant

Jack G. Desmond MS - Track & Field Improvements
Madera Unified School District
26490 Martin Street,
Madera, CA 93638

Project

PLANTING LEGEND AND NOTES

Drawing

darden architects
ARCHITECTURE PLANNING INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

Architect

No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

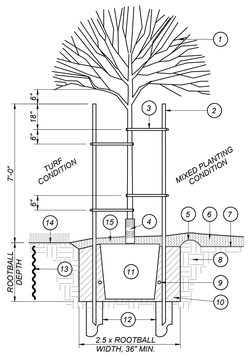
Designed By: KC
Drawn By: KC
Checked By: DWB
Reviewed By: JDB

Scale: 1" = 20'
Project Number: 2470.1
Date: 12/02/2024

SD/L203

Sheet: ---- of: ____

Drawing: P:\224-0293\Site\production\drawings\224293a01.dwg; L203 - BCF.ctb
Plot by: sylawson Dec 03, 2024 - 12:19pm



LEGEND:

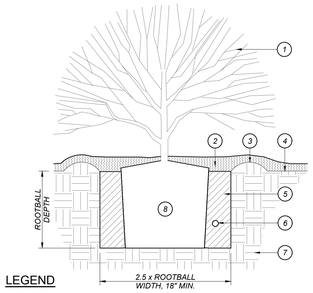
1. TREE PER PLANTING PLAN.
2. 2" X 10' LODGEPOLE PINE STAKE. DO NOT DRIVE STAKE THROUGH ROOTBALL. CUT OFF TOP SECTION DAMAGED BY HAMMERING. TOP OF STAKE IS 6" CLEAR OF LOWEST TREE BRANCHES.
3. FLEXIBLE VINYL TREE TIE, 4 / TREE (V.I.T. OR APPROVED EQUAL.)
4. TREE TRUNK PROTECTOR (GRAY) WHERE TREE IS IN TURF AREA.
5. 4" HIGH WATERING BERM.
6. ADJACENT PLANTING AREA WITH MULCH WHERE OCCURS.
7. FINISH GRADE.
8. SITE SOIL.
9. PLANT FERTILIZER TABLET. SEE SPECIFICATIONS.
10. AMENDED BACKFILL. SEE SPECIFICATIONS.
11. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH GRADE.
12. DRAINAGE SUMP: 12" DIA. PER DRAINAGE SUMP NOTES. FILL WITH CONCRETE SAND PER SSPWC 200-1.5.5.
13. ROOT CONTROL BARRIER WHERE REQUIRED. SEE GENERAL PLANTING NOTES AND DETAIL [F/L204].
14. ADJACENT TURFGRASS PLANTING WHERE OCCURS.
15. MULCH, MINIMUM 3" DEPTH. SEE GENERAL PLANTING NOTE 17.

DRAINAGE SUMP NOTES:

A. DRAINAGE SUMPS SHALL PENETRATE THROUGH AND BEYOND ANY UNDERLYING PAVEMENT OR HARDPAN SOIL STRATUM, AND SUCH PAVEMENT OR HARDPAN MATERIAL SHALL BE REMOVED FROM THE SUMP HOLES.

B. THE SUMP HOLE SHALL BE DRILLED TO MINIMUM DEPTH OF TEN (10) FEET, UNLESS VISUAL EVIDENCE OF A SUBSURFACE SAND AND/OR GRAVEL DRAINAGE STRATUM IS APPARENT AT A LESSER DEPTH. THE SUMP HOLES SHALL EXTEND INTO THE DRAINAGE STRATUM A MINIMUM OF ONE (1) FOOT.

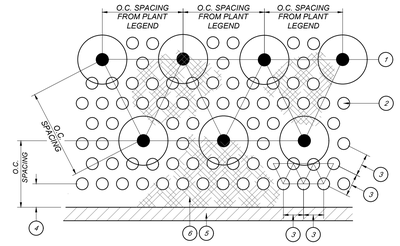
A SD/L204 DOUBLE STAKE TREE PLANTING
NOT TO SCALE



LEGEND

1. SHRUB.
2. WOOD MULCH LAYER.
3. 3" HIGH WATERING BASIN.
4. FINISH GRADE.
5. AMENDED BACKFILL. SEE SPECIFICATIONS.
6. FERTILIZER PACKET. SEE SPECIFICATIONS.
7. SITE SOIL.
8. ROOTBALL. SET TOP OF ROOTBALL 1" ABOVE FINISH GRADE.

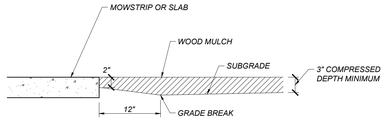
B SD/L204 SHRUB PLANTING
NOT TO SCALE



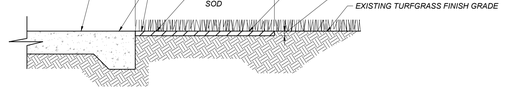
LEGEND:

1. CONTAINER SHRUB OR GROUND COVER IN TRIANGULATED ROWS, SEE SHRUB PLANTING PER DETAIL [B/L204].
2. GROUND COVER FLATS OR LINERS - TRIANGULATED ROWS.
3. SPACE PER PLANT LEGEND, OMIT PLANTS WHERE IN CONFLICT WITH SHRUBS OR TREE WATERING BASINS.
4. SPACING DISTANCE FROM PLANT LEGEND.
5. HARDSCAPE ELEMENT: CURB, WALK, ETC.
6. MULCH PER SPECIFICATIONS.

C SD/L204 SHRUB AND GROUND COVER SPACING
NOT TO SCALE



D SD/L204 MULCH DETAIL
NOT TO SCALE



NOTE:

IF THE EXISTING TURFGRASS FINISH GRADE IS HIGHER OR LOWER THAN THE NEW FINISH SURFACE, TRANSITION GRADE THE NEW SOD AT A MAXIMUM 1V:12H SLOPE

E SD/L204 TURF SOD INSTALLATION
NOT TO SCALE

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General Notes

Blair, Church & Flynn CONSULTING ENGINEERS
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Consultant

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26490 Martin Street,
Madera, CA 93638

Project

PLANTING DETAILS

Drawing

darden architects
ARCHITECTURE
PLANNING
INTERIORS
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Architect

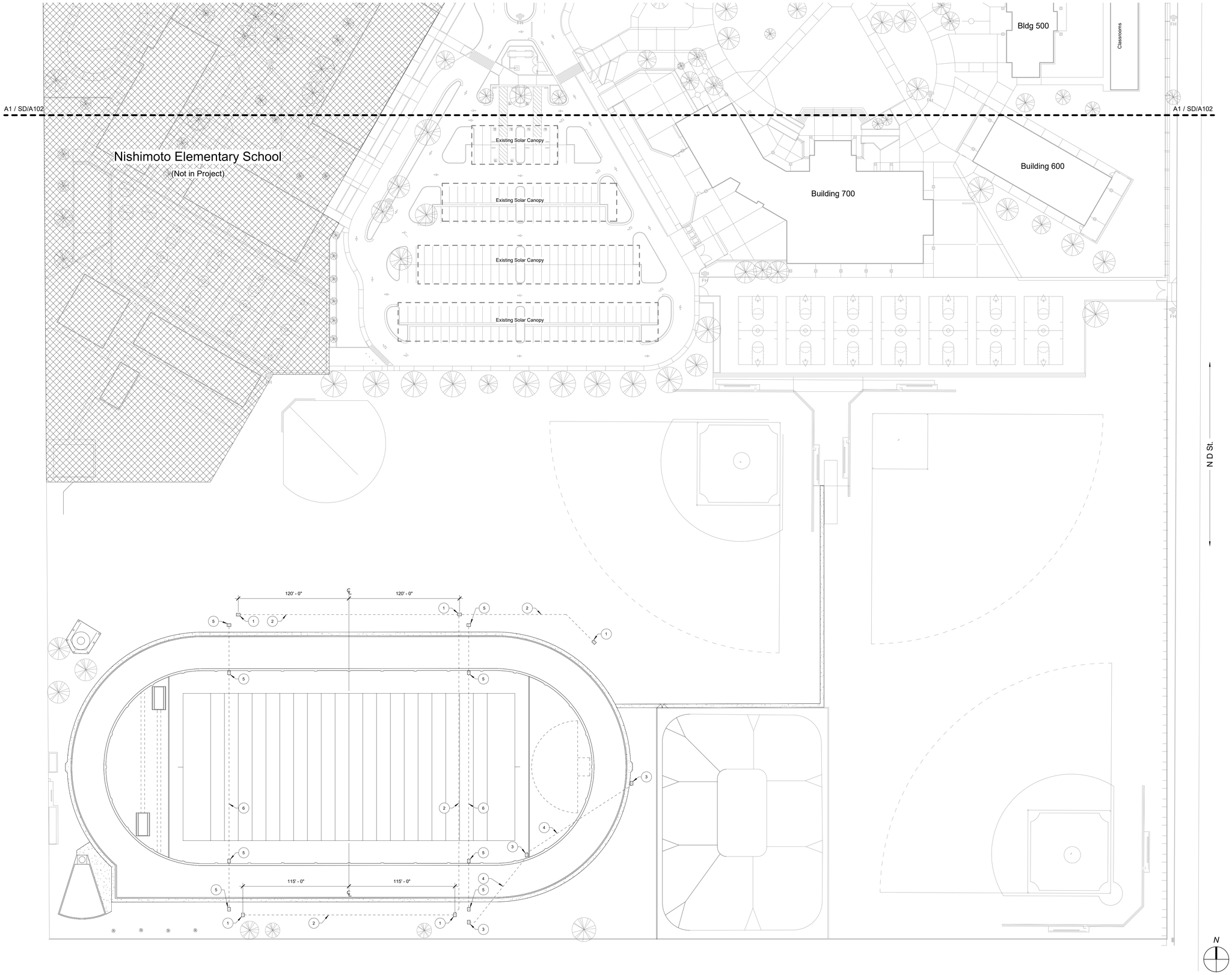
No.	Revison/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: No Scale	Drawn By: KC	
Project Number: 2470.1	Checked By: DWB	SD/L204
Date: 12/02/2024	Reviewed By: JDB	Sheet: _____ of: _____

Drawing: P:\224-0293\Site\production\drawings\224293sd601.dwg; L204 - BCF.ctb
Plot by: kylawson Dec 03, 2024 - 12:19pm



DSA File No.:
20-30

DSA Application No.:
02-122959

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122959 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/10/2024

Agency Approval

SYMBOLS

- PAVEMENT, Refer to CIVIL
- CAST-IN-PLACE CONCRETE, Refer to CIVIL
- Building Outline
- Property Line
- Limits of Construction (Project Area)
- Fence
- Pipe/Utility
- FH — PLUMBING, Fire Hydrant, Existing
- FDC — PLUMBING, Fire Department Connection (Siamese), Existing
- PIV — PLUMBING, Post Indicator Valve, Existing
- ELECTRICAL, Existing Light Pole

SITE TAGS

Note: the following underground work, preparing for future connections, will be clarified in a forthcoming addendum.

1. Pullbox, for Future Field Lights
2. Conduit, for Future Field Lights
3. Pullbox, for Future Scoreboard
4. Conduit, for Future Scoreboard
5. Pullbox, for Future Cross-Field
6. Conduit, for Future Cross-Field

ABBREVIATIONS

(E)	Existing	FF	Finish Floor	PL	Planter
AC	Air Conditioning System	FG	Finish Grade	R	Radius
AD	Area Drain, (See Plumbing)	FL	Flow Line	RWL	Rain Water Leader
BW	Back of Walk	FMFCD	Fresno Metropolitan Flood Control District	SD	Storm Drain
C	Concrete	FS	Floor Sink	SL	Site Lighting
CB	Catch Basin	G	Gas	S	Signal
CJ	Control Joint	GT	Gutter	SS	Sanitary Sewer
CM	Communications	GB	Grade Break	TB	Top of Bench
COB	Clean Out Box	RG	Rough Grade	TC	Top of Curb
CW	Cold Water	HPG	High Pressure Gas	TD	Trench Drain
DB	Drain Box	HL	Hydronics Line	TG	Top of Grate
DI	Drain Inlet	INV N	Invert North	TF	Top of Fence
DS	Drainage Swale	INV NE	Invert Northeast	TL	Top of Lid
EMS	Energy Management System	MH	Manhole	TLB	Top of Light Base
E	Electrical Power	MS	Mow Strip	TW	Top of Wall
EJ	Expansion Joint, 1/2"	OC	On Center	Typ.	Typical
F	Fire Protection	P	Pavement	UNO	Unless Noted Otherwise
FD	Floor Drain	P1-P4	Electrical Utility Box	VG	Valley Gutter
FDC	Fire Dept Connection	PIV	Post Indicator Valve	W	Waste

NOTES

1) CIVIL, See CIVIL Drawings
2) Pullbox and Conduit Locations are Diagrammatic, Verify Locations and Routes with Architect prior to trenching

G18 — Site Plan Legend
No Scale

Desmond MS - Track Upgrades
Madera Unified School District
Madera, CA 93637
Project

SITE DEVELOPMENT
PARTIAL SITE PLAN - SOUTH
Drawing

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LICENSED ARCHITECT — RICARDO J. AVILA — No. C-29235 — Exp. 10-31-25 — STATE OF CALIFORNIA

Architect

No.	Revision/Submission	Date

Revision

Designed By:
Drawn By:
Checked By:
Reviewed By:

Scale: As indicated
Project Number: 2470.1
Date: 12/10/24

SD/A101

A1 — Partial Site Plan - South
1" = 40'-0"

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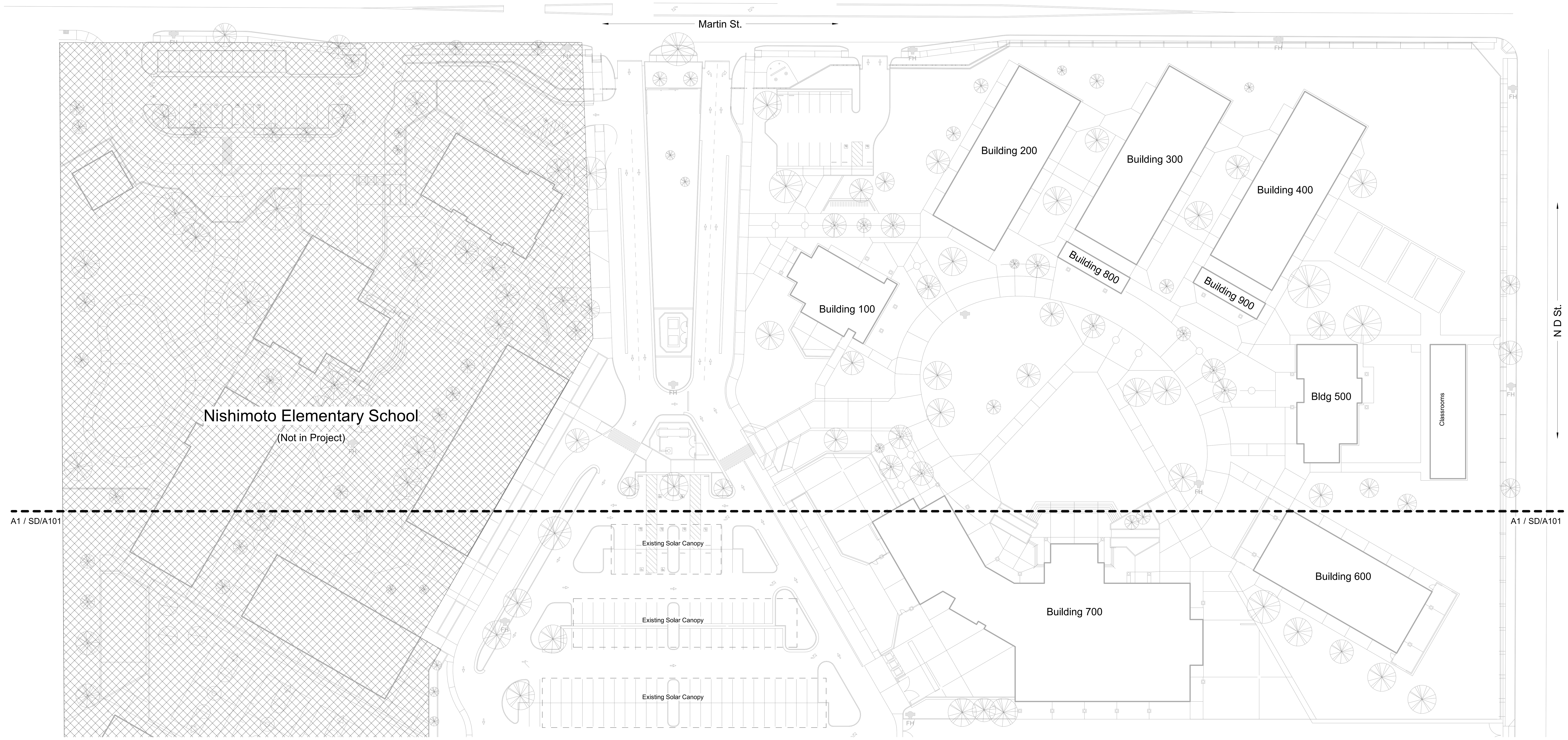

SYMBOLS

PAVEMENT, Refer to CIVIL

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Property Line

Limits of Construction (Project Area)

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No Scale

Consultant

Desmond MS - Track Upgrades
Madera Unified School District
Madera, CA 93637

Project

PARTIAL SITE PLAN - NORTH

Drawing

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Architect

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Revision

N

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1" = 40'-0"

Scale: As indicated
Project Number: 2470.1
Date: 12/10/24
Designed By:
Drawn By:
Checked By:
Reviewed By:

SD/A102

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