

12/3/2024 9:28:52 AM
S:\K-12\Madera\USD\MLK\2469_1_Track_Field_Improvement_Ph1.rvt

GENERAL INFORMATION

G101 REGULATORY SITE PLAN
G000 COVER SHEET

CIVIL

SD/C100 TOPOGRAPHIC SURVEY LEGEND
SD/C101 TOPOGRAPHIC SURVEY
SD/C102 TOPOGRAPHIC SURVEY
SD/C103 TOPOGRAPHIC SURVEY
SD/C201 DEMOLITION PLAN
SD/C202 DEMOLITION PLAN
SD/C203 DEMOLITION PLAN
SD/C301 SITE PLAN
SD/C302 SITE PLAN
SD/C303 SITE PLAN
SD/C401 HORIZONTAL CONTROL PLAN
SD/C402 HORIZONTAL CONTROL PLAN
SD/C403 HORIZONTAL CONTROL PLAN
SD/C501 GRADING & DRAINAGE PLAN
SD/C502 GRADING & DRAINAGE PLAN
SD/C503 GRADING & DRAINAGE PLAN
SD/C601 UTILITY PLAN
SD/C701 TRACK SURFACING AND STRIPING PLAN
SD/X101 SITE DETAILS
SD/X102 SITE DETAILS
SD/X201 UTILITY DETAILS
SD/X202 UTILITY DETAILS
SD/X301 FENCE DETAILS
SD/X401 ATHLETIC DETAILS

LANDSCAPE

SD/L101 IRRIGATION PLAN
SD/L102 IRRIGATION PLAN
SD/L103 IRRIGATION PLAN
SD/L104 PUMP YARD & NOTES
SD/L105 IRRIGATION DETAILS
SD/L106 IRRIGATION DETAILS
SD/L201 PARTIAL PLANTING PLAN
SD/L202 PARTIAL PLANTING PLAN
SD/L203 PARTIAL PLANTING PLAN
SD/L204 PLANTING DETAILS

ARCHITECTURAL

SITE DEVELOPMENT

SD/A101 PARTIAL SITE PLAN - PROJECT WEST
SD/A102 PARTIAL SITE PLAN - PROJECT EAST

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-15, Title 5-Education
CCR-18, Title 8-Industrial Safety
CCR-119, 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, 2022 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

- All work shall conform to Title 24, California Code of Regulations (CCR).
- Changes to the approved drawings and specification shall be made by an addenda or a construction change document approved by DSA as required by Section 4-338, Part 1, Title 24 CCR.
- Should any existing conditions such as deterioration or non-complying construction be discovered which is not covered by the contract documents wherein the finished work will not comply with Title 24, CCR, a construction change document (CCD), or a separate set of plans and specifications, detailing and specifying the required work shall be submitted to and approved by DSA before proceeding with the work. (Section 4-317, Part 1, Title 24, CCR)
- A DSA Certified project inspector employed by the District (Owner) and approved by DSA shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24, CCR.
- This project requires inspector Class 3
- Fire safety during construction and demolition shall comply with CBC Ch. 33 and CFC Ch. 33.

D14

General Notes

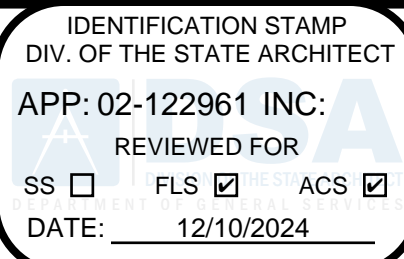
Project includes but is not limited to Track and Athletic Field upgrades, associated site and utility work, and preparation for site and utility work in future projects.

B14

Project Description

DSA File No.:
20-30

DSA Application No.:
02-122961



Agency Approval

Martin Luther King MS - Track Upgrades
Madera Unified School District
Madera, CA 93638

Darden Project Number: 2469.1

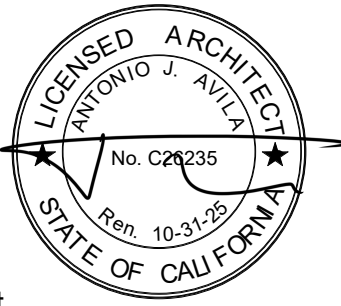
Date: 12/10/24

CIVIL
Blair, Church & Flynn
Architects, Inc.
6790 N. West Avenue
Fresno, CA 93711
T (559) 326-1400
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



Architect

No.	Revision/Submission	Date

Revision

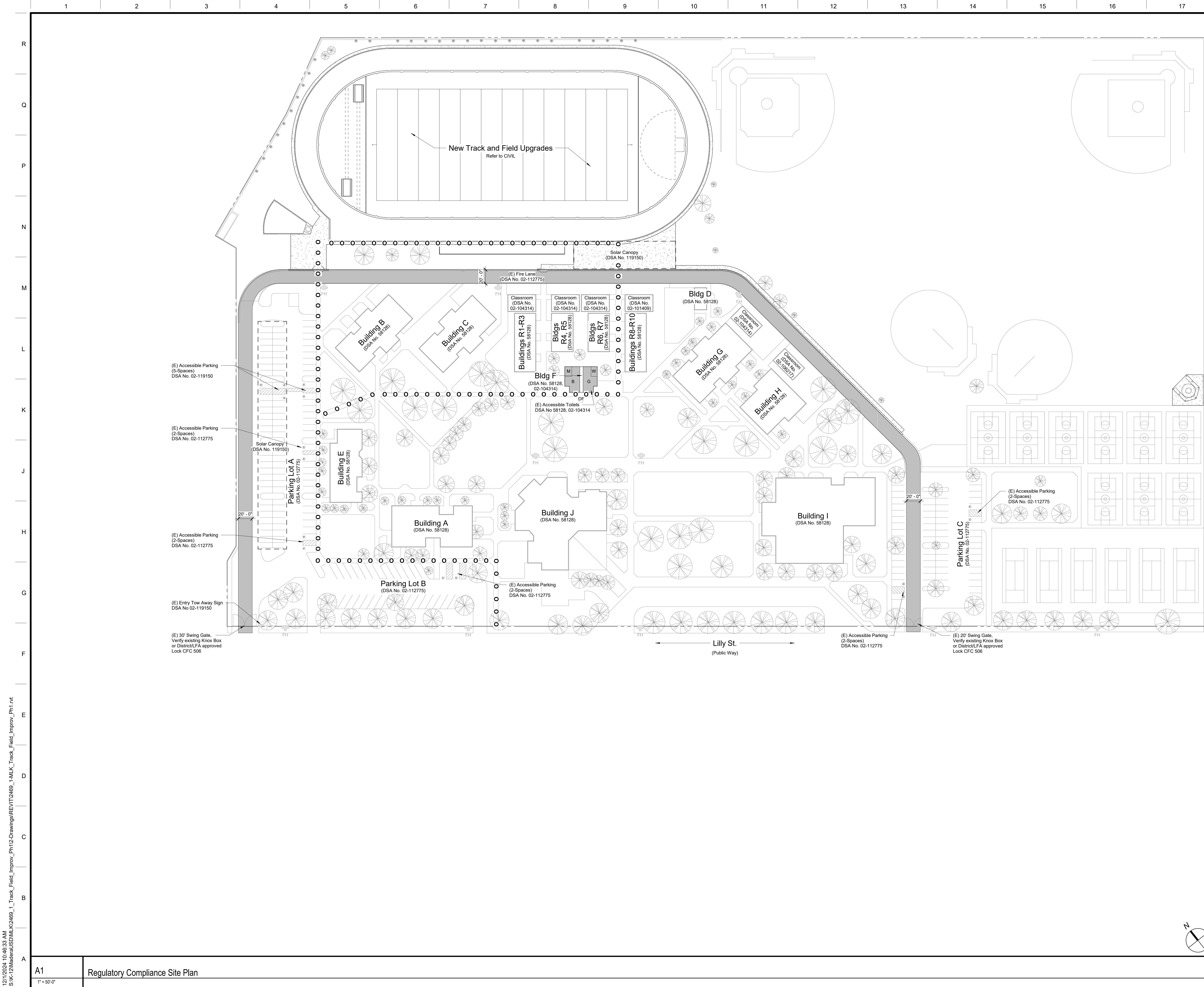
Copyright 2022 Darden Architects

G000

darden architects, inc.
ARCHITECTURE ■ PLANNING ■ INTERIORS

Sheet Count: 38

12/10/2024 10:46:33 AM
S:\K-12\Madera\USD\MLK\2469_1_Track_Field_Improvement_Ph1.Lvt



DSA File No.:
20-30

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

DSA Application No.:
02-122961

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

PV 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 ACCESSIBLE DRINKING FOUNTAIN LOCATION
(H/A = High Adult)
(L/A = 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 8'0" 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 attention 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 1/2" if beveled at 1:2 maximum slope or vertical level changes not exceeding 1/2" 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

Martin Luther King MS - Track Upgrades

Madera Unified School District

Madera, CA 93638

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

ARCHITECT

No.

Revision/Submission

Date

Revision

Designed By:

Copyright 2022 Darden Architects

Drawn By:

Checked By:

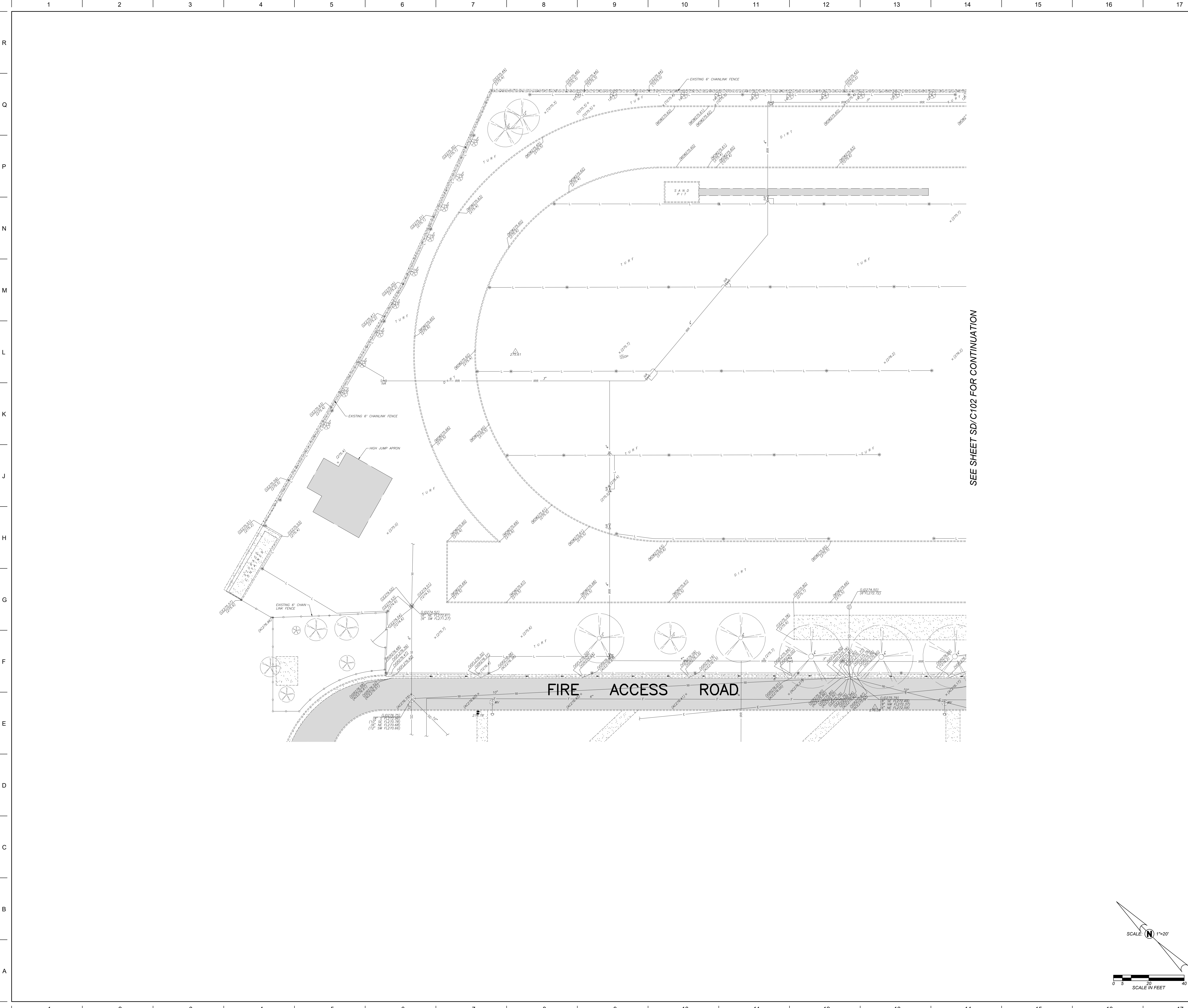
Reviewed By:

Scale: As indicated

Project Number: 2469.1

Date: 12/10/24

G101



DSA File No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

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 4TH, 2024.

SITE BENCHMARK:
CHISELED X IN THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD
ELEV. = 276.78 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.

SD/C101

SD/C102

SD/C103

KEYMAP

General Notes

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

PROFESSIONAL
ENGINEER
STATE OF CALIFORNIA
No. 51218
Date Signed: 12/02/24

Consultant

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

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

LICENSED ARCHITECT
ANTONIO J. AVILA
No. C26236
Exp. 10-31-25
STATE OF CALIFORNIA

Architect

No.	Revision/Submission	Date

Revision

Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ
Project Number: 2469.1	Checked By: ZDH
Date: 12/02/24	Reviewed By: JB

SD/C101

Sheet: _____ of: _____

SCALE: 1"=20'

SCALE IN FEET

0

20

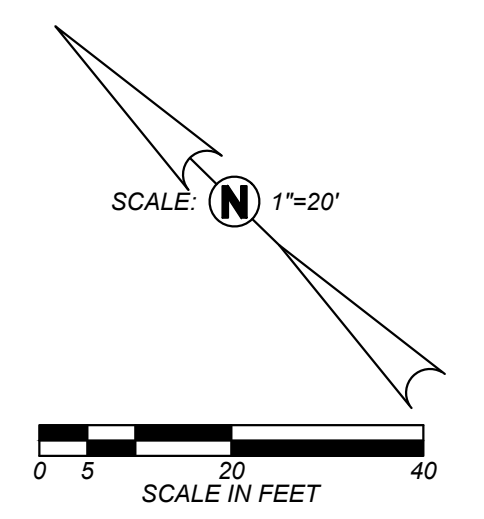
40

Drawing: P:\224-0295\Site\production\dwg\2340295r1.dwg, Layout: RCP.dwg
Plot by Johnson, Dec 10, 2024 1:53pm



SEE SHEET SD/C101 FOR CONTINUATION

SEE SHEET SD/C103 FOR CONTINUATION



DSA File No.:
02-122961

APP: 02-122961 INC:
REVIEWED FOR:
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

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 4TH, 2024.

SITE BENCHMARK:
CHISELED X IN THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD
ELEV. = 276.78 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

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

Consultant

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL TOPOGRAPHIC SURVEY

Drawing

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

Architect

No.	Revision/Submission	Date

Revised By: KL

Copyright 2024 Darden Architects

Scale: 1" = 20'

Drawn By: TJ

Project Number: 2469.1

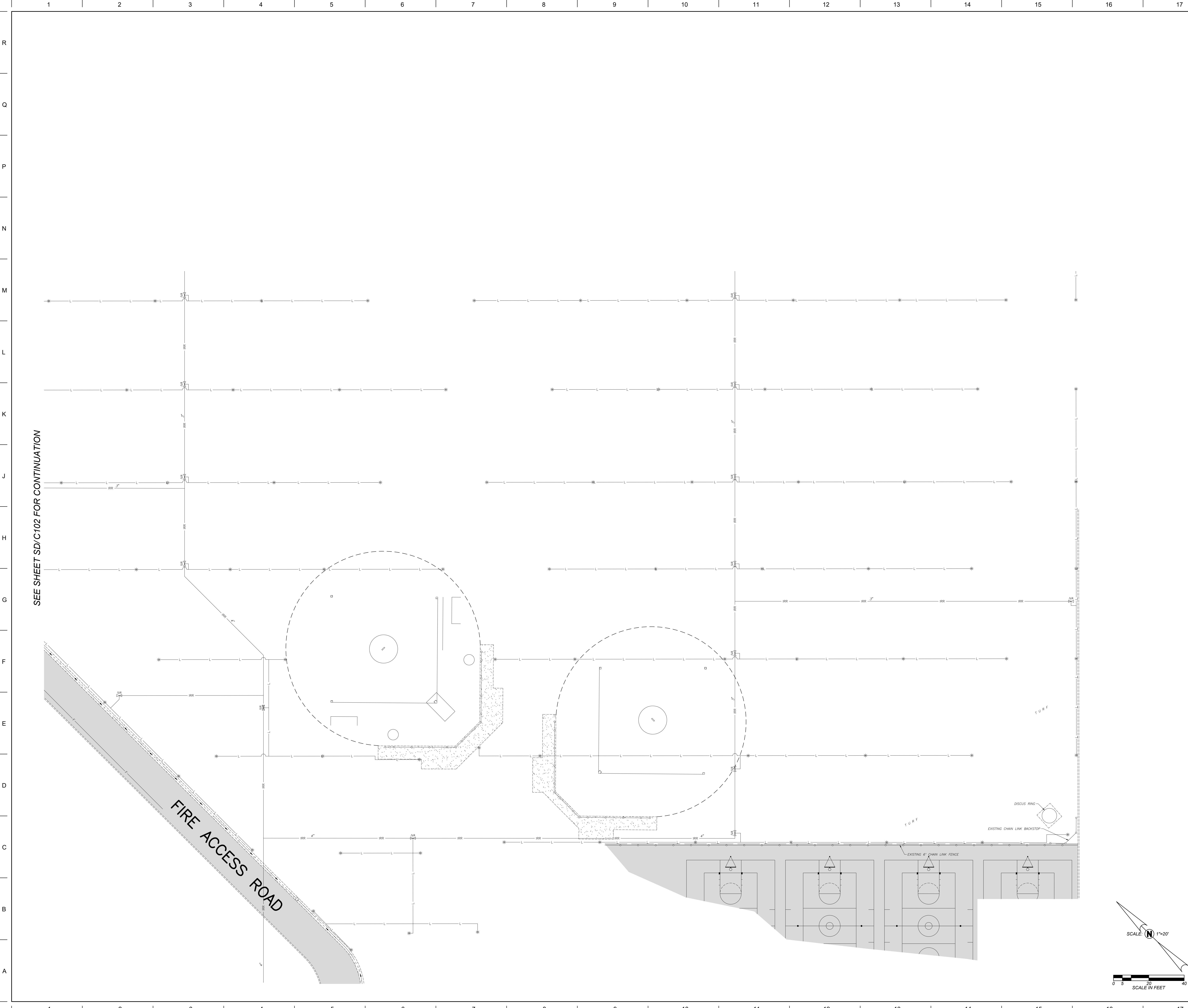
Checked By: ZDH

Date: 12/02/24

Reviewed By: JB

SD/C102

Sheet: _____ of: _____



DSA File No.:

DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

NOTE:

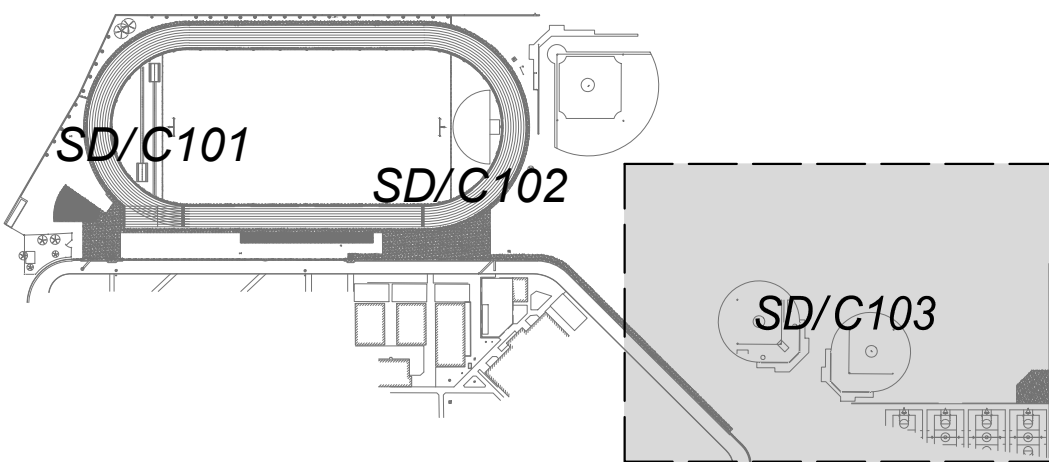
THIS TOPOGRAPHIC SURVEY LOCATES SPECIFIC PHYSICAL FEATURES OF THE SITE AND THEIR ELEVATION AS DETERMINED NECESSARY BY THE PROJECT ENGINEER. IT IS NOT A COMPLETE TOPOGRAPHIC SURVEY OF THE SITE. THE INFORMATION SHOWN REFLECTS THE DATA OBTAINED BY FIELD SURVEY CONDUCTED ON SEPTEMBER 4TH, 2024

SITE BENCHMARK:

CHISELED X IN THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD
ELEV. = 276.78 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

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



Consultant

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly 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



Architect

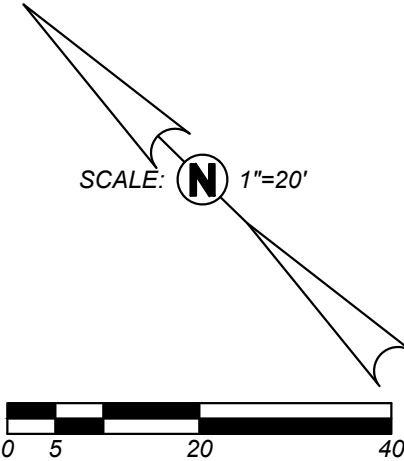
No.	Revision/Submission	Date

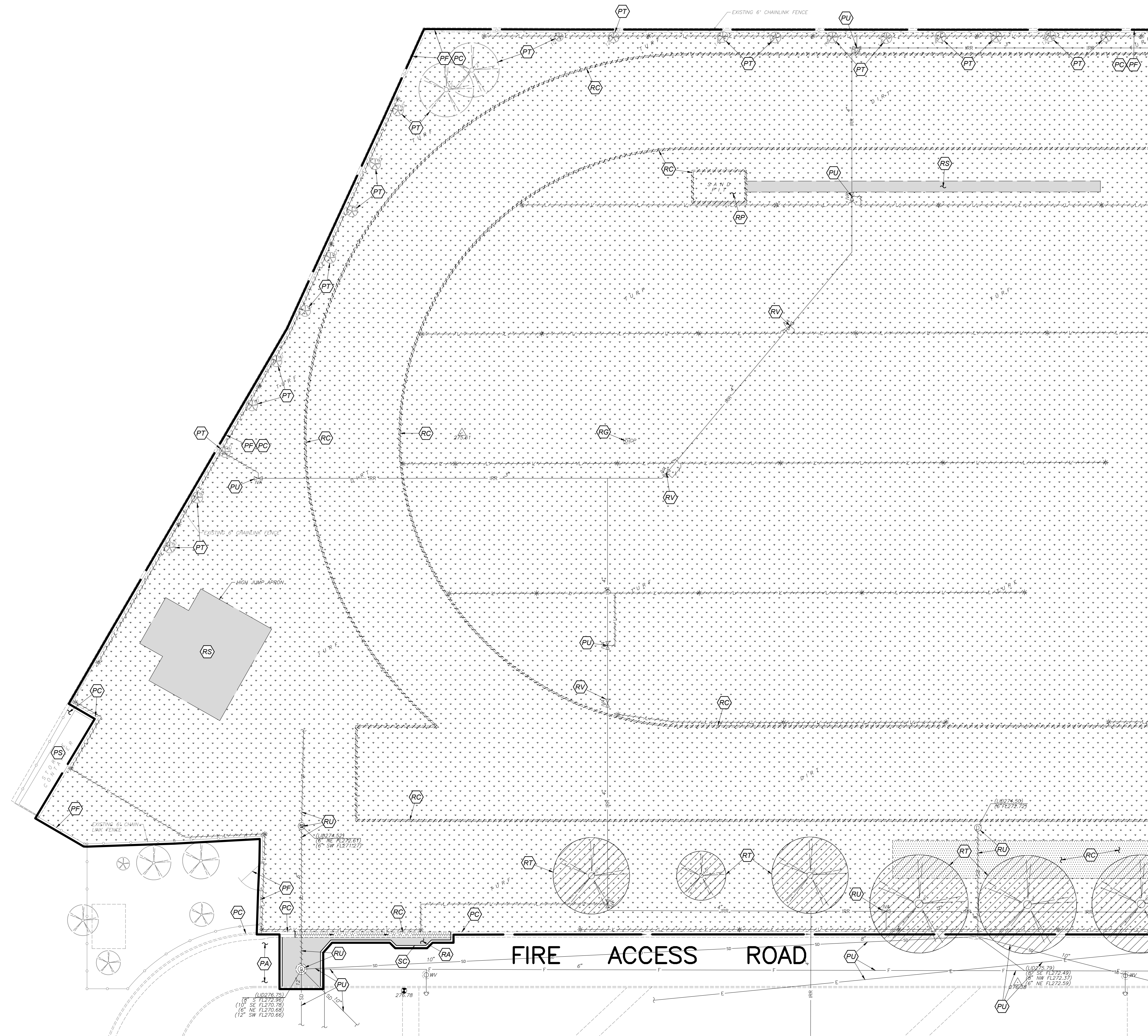
Revision

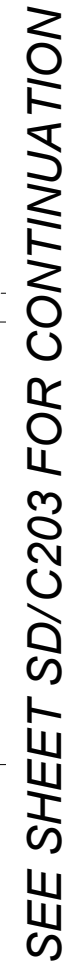
	Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ	
Project Number: 2469.1	Checked By: ZDH	
Date: 12/02/24	Reviewed By: JB	

SD/C103

Sheet: _____ of: _____







**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



Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Drawing

arden architects ARCHITECTURE
PLANNING
INTERIORS
www.ardenarchitects.com

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051



No	Revision/Submission	Date
----	---------------------	------

Revision

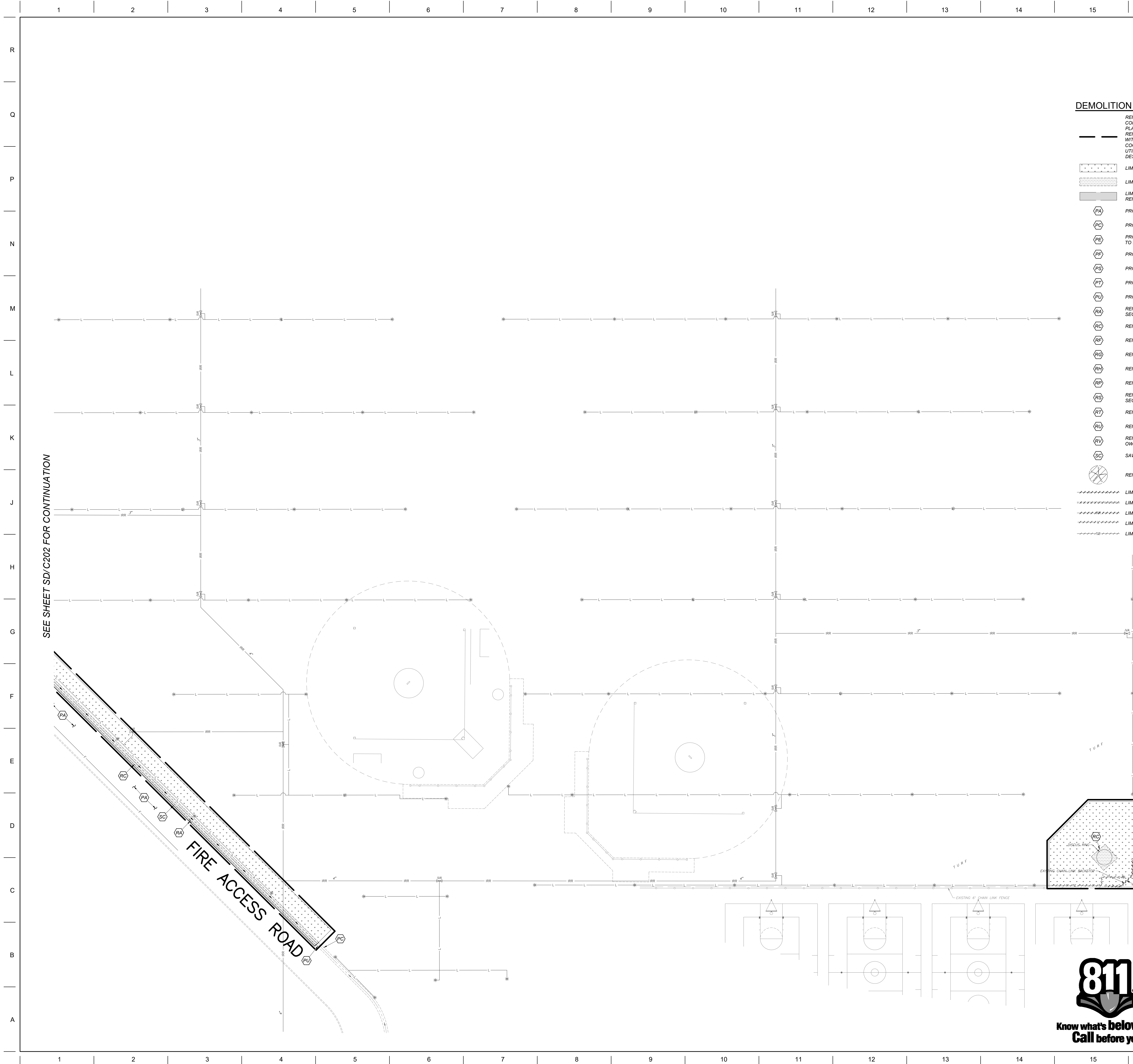
Designed By: KL	Copyright 2024 Darden Architects
-----------------	----------------------------------

Scale: 1 = 20	Drawn By: 10	SD/C202

Date: 12/02/24	Reviewed By: JB	Sheet: _____ of: _____
----------------	-----------------	------------------------

Drawing: P:1224-0285:Site\production\drawings\224285\dwg: Layout2 - BCF.ctb
Plot by: kylewason Dec 02, 2024 - 1:53pm

Drawing: P:1224-0295\Site\production\drawings\224295\de01.dwg; Layout2 - BCF.ctb



SEE SHEET SD/C202 FOR CONTINUATION

A diagram showing a fire access road layout. The road is depicted with a dashed center line and solid edge lines. A fire hydrant is shown on the right side of the road. The text "FIRE ACCESS ROAD" is written along the road.



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

**Find out what's below.
Call before you dig.**

DSA File No. :

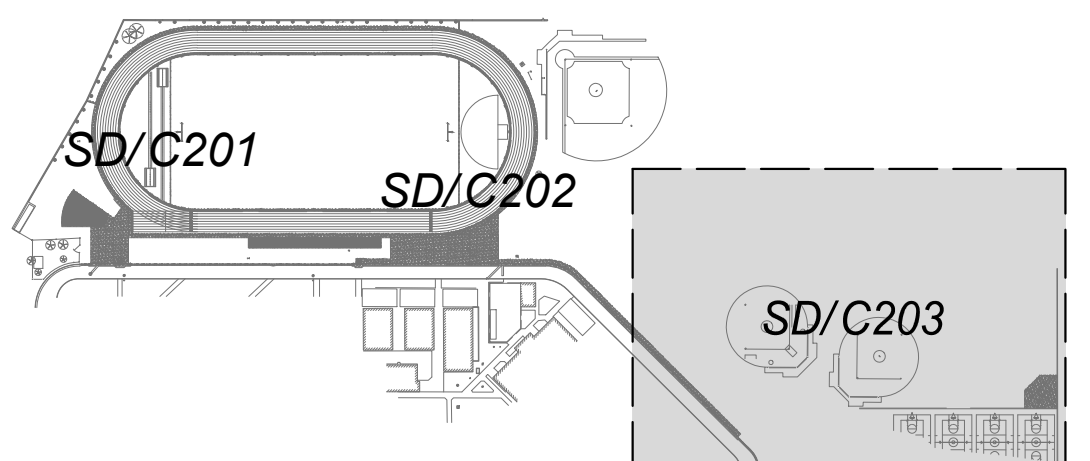
DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

GENERAL DEMOLITION NOTES:

1. THE "LIMIT OF DEMOLITION" SHOWN IS APPROXIMATE AND IS GENERALLY CONSIDERED TO BE THE MINIMUM REMOVAL REQUIREMENTS. CONTRACTOR MUST COORDINATE AS NOTED IN THE LEGEND.
2. CONTRACTOR SHALL LEGALLY DISPOSE OF ALL DEMOLISHED MATERIALS FROM THE SITE.
3. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITY IMPROVEMENTS , NOT SPECIFICALLY DESIGNATED FOR REMOVAL.
4. THE ON-SITE UNDERGROUND UTILITIES SHOWN ON THIS SHEET ARE AT APPROXIMATE LOCATIONS. THE EXTENT, LOCATIONS AND SIZES ARE UNKNOWN. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND VERIFY THE UNDERGROUND UTILITY LINES PRIOR TO REMOVAL.
5. CONTRACTOR TO PROTECT AND PRESERVE IN PLACE ANY FOUND SURVEY MONUMENTS . ANY MONUMENTS DISTURBED SHALL BE RESET BY A PROFESSIONAL LICENSED SURVEYOR AND THE APPROPRIATE PAPERWORK FILED WITH THE CITY OR COUNTY, AT CONTRACTOR'S EXPENSE.
6. ALL HAZARDOUS MATERIALS ENCOUNTERED DURING SITE DEMOLITION SHALL BE IDENTIFIED AND DISPOSED OF PER STATE AND EPA REQUIREMENTS.
7. CONTRACTOR SHALL CONTACT AND COORDINATE WITH ALL UTILITY AGENCIES PRIOR TO THE START OF ANY DEMOLITION OR CONSTRUCTION.
8. ANY EXISTING UTILITIES AND/OR IMPROVEMENTS WHICH ARE TO REMAIN, THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE OWNER AND AGENCY HAVING AUTHORITY, AT THE CONTRACTOR'S SOLE EXPENSE.
9. REMOVE EXISTING IMPROVEMENTS AS NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN ON THESE PLANS.
 - a) FOR CONCRETE REMOVAL, REMOVE TO THE NEXT NEAREST TOOLED JUNT OR EXPANSION JUNT OF IMPROVEMENTS DESIGNATED TO REMAIN.
 - b) FOR ASPHALTIC PAVEMENT REMOVAL, SAWCUT TO A STRAIGHT, CLEAN EDGE AT LOCATIONS INDICATED ON THE PLANS.
10. COMPLIANCE WITH FIRE SAFETY DURING CONSTRUCTION WILL BE ENFORCED.



KEYMAP

General Notes

**Blair,
Church
& Flynn**
CONSULTING ENGINEERS

**Blair, Church & Flynn
Consulting Engineers**
451 Clovis Avenue,
Suite 200
Clovis, California 93611
Tel (559) 326-1400
Fax (559) 326-1500

Consultant

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Subject

PARTIAL DEMOLITION PLAN

Drawing



darden
architects

ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com



Architect

No.	Revision/Submission	Date

Revision

Designed By: KL Copyright 2024 Darden Architects

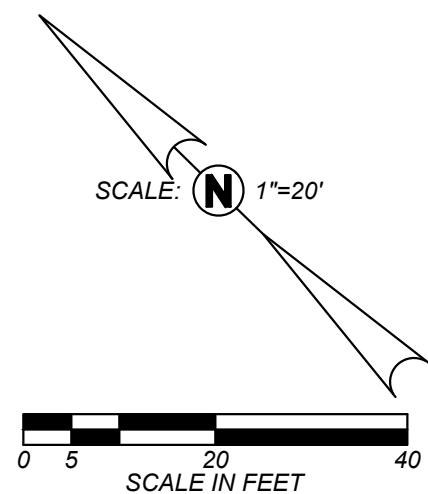
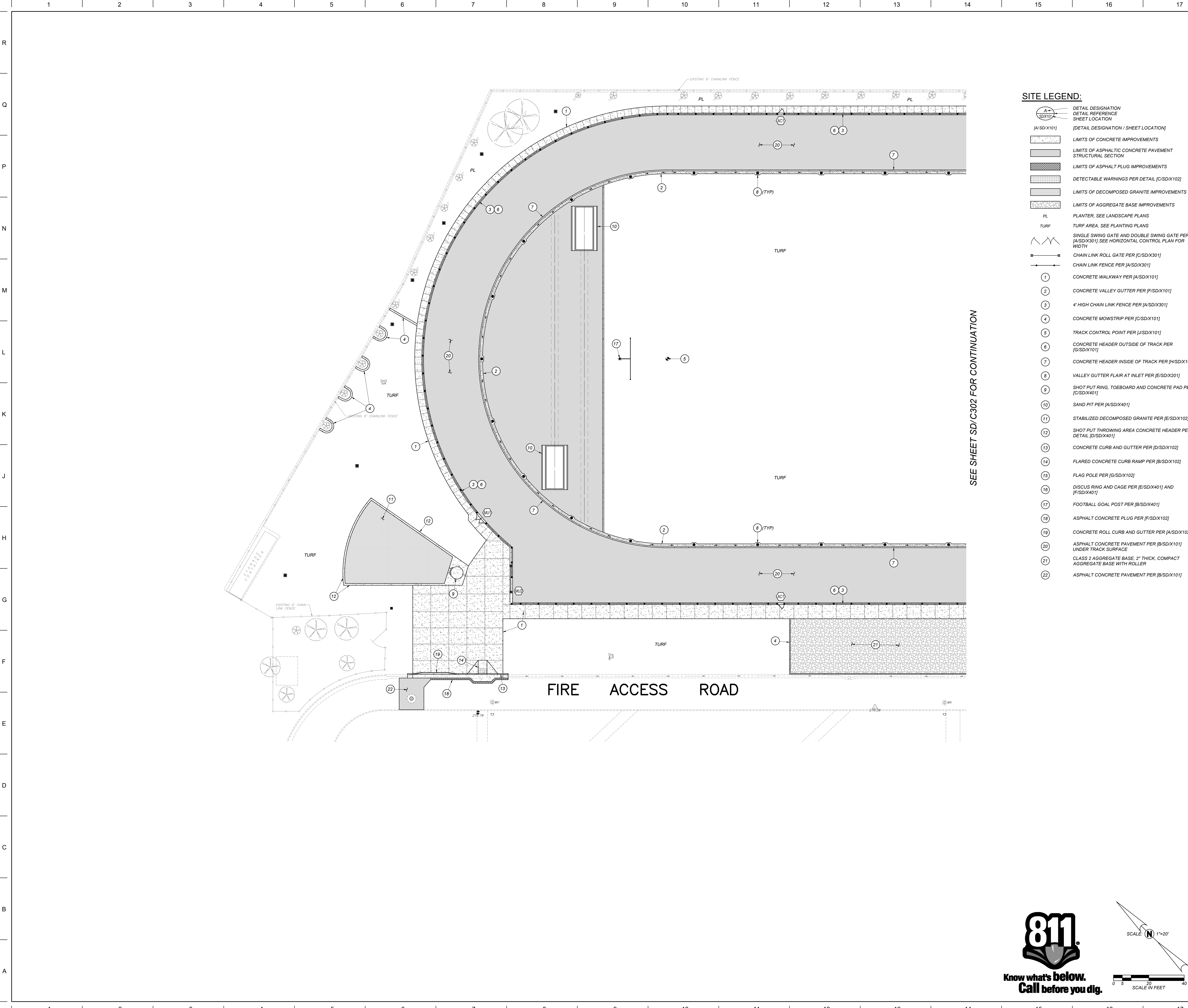
Scale: 1" = 20'	Drawn By: JS	SD/C203

Date: 12/02/24 Reviewed By: IP Sheet: _____ of: _____

SD/C203

Sheet: _____ of: _____

Drawing: P:\224-0295\Site\production\drawings\224-0295-01.dwg; Layout3 - BCF.ctb



SITE LEGEND:

- DETAIL DESIGNATION
- DETAIL REFERENCE
- SHEET LOCATION
- LIMITS OF CONCRETE IMPROVEMENTS
- LIMITS OF ASPHALTIC CONCRETE PAVEMENT STRUCTURAL SECTION
- LIMITS OF ASPHALT PLUG IMPROVEMENTS
- DETECTABLE WARNINGS PER DETAIL C/SD/X102
- LIMITS OF DECOMPOSED GRANITE IMPROVEMENTS
- LIMITS OF AGGREGATE BASE IMPROVEMENTS
- PLANTER, SEE LANDSCAPE PLANS
- 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
- 1 CONCRETE WALKWAY PER A/SD/X101
- 2 CONCRETE VALLEY GUTTER PER F/SD/X101
- 3 4' HIGH CHAIN LINK FENCE PER A/SD/X101
- 4 CONCRETE MOWSTRIP PER C/SD/X101
- 5 TRACK CONTROL POINT PER J/SD/X101
- 6 CONCRETE HEADER OUTSIDE OF TRACK PER G/SD/X101
- 7 CONCRETE HEADER INSIDE OF TRACK PER H/SD/X101
- 8 VALLEY GUTTER FLAIR AT INLET PER E/SD/X201
- 9 SHOT PUT RING, TOEBOARD AND CONCRETE PAD PER C/SD/X401
- 10 SAND PIT PER A/SD/X401
- 11 STABILIZED DECOMPOSED GRANITE PER E/SD/X102
- 12 SHOT PUT THROWING AREA CONCRETE HEADER PER DETAIL D/SD/X401
- 13 CONCRETE CURB AND GUTTER PER D/SD/X102
- 14 FLARED CONCRETE CURB RAMP PER B/SD/X102
- 15 FLAG POLE PER G/SD/X102
- 16 DISCUS RING AND CAGE PER E/SD/X401 AND F/SD/X401
- 17 FOOTBALL GOAL POST PER B/SD/X401
- 18 ASPHALT CONCRETE PLUG PER F/SD/X102
- 19 CONCRETE ROLL CURB AND GUTTER PER A/SD/X102
- 20 ASPHALT CONCRETE PAVEMENT PER B/SD/X101 UNDER TRACK SURFACE
- 21 CLASS 2 AGGREGATE BASE, 2" THICK, COMPACT AGGREGATE BASE WITH ROLLER
- 22 ASPHALT CONCRETE PAVEMENT PER B/SD/X101

DSA File No.:

DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

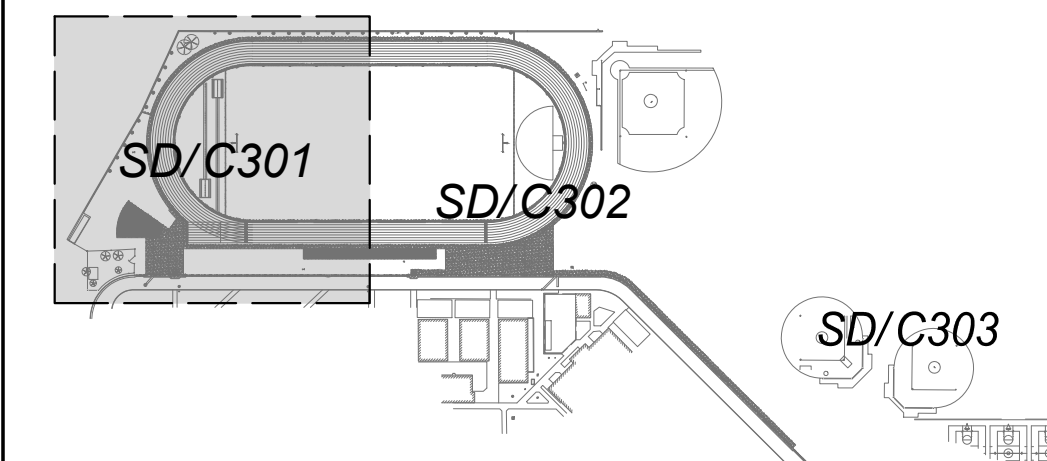
Agency Approval

GENERAL SITE NOTES:

- ALL CONCRETE MOWSTRIPS, RAMPS AND SIDEWALKS SHALL HAVE WEAKENED PLANE JOINTS AT 10 FEET MAXIMUM ON CENTER AND EXPANSION JOINTS AT 30 FEET MAXIMUM ON CENTER PER DETAIL A/SD/X101
- INSTALL DOWELED CONNECTION AT JOINT OF NEW CONCRETE TO EXISTING CONCRETE PER DETAIL D/SD/X101
- NO CONCRETE MAY BE POURED UNTIL THE FORMS HAVE BEEN REVIEWED AND APPROVED BY THE PROJECT INSPECTOR.
- ALL BURIED METALLIC OBJECTS SHALL HAVE A PROTECTIVE COATING OR BE WRAPPED WITH APPROVED PROTECTIVE WRAP.
- ADJUST EXISTING SPRINKLER HEADS AND LATERAL LINES AS REQUIRED BY NEW IMPROVEMENTS, OR AS SHOWN ON THE IRRIGATION PLANS.
- 2 WORKING DAYS BEFORE COMMENCING EXCAVATION OPERATIONS WITHIN THE STREET RIGHT-OF-WAY AND/OR UTILITY EASEMENTS, ALL EXISTING UNDERGROUND FACILITIES SHALL HAVE BEEN LOCATED BY UNDERGROUND SERVICES ALERT (USA), CALL 1-800-642-2444
- ANY SURVEY MONUMENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE PRESERVED OR RESET BY A PERSON LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA. REPLACEMENT TO BE AT CONTRACTOR'S SOLE EXPENSE.

GATE HARDWARE LEGEND:

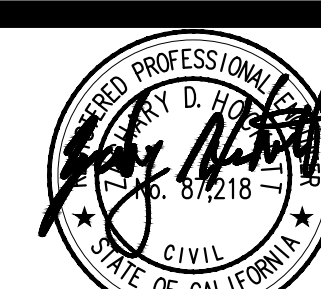
- CHAIN LINK PEDESTRIAN ACCESSIBLE WALK GATE, NON-KEYED PASSAGE TYPE LATCH, PROVIDE APPROPRIATE HARDWARE PER A/SD/X301 AND B/SD/X301.
- CHAIN LINK DOUBLE LEAF MAINTENANCE SWING GATE, PROVIDE APPROPRIATE HARDWARE PER A/SD/X301
- CHAIN LINK MAINTENANCE ROLL GATE, PROVIDE APPROPRIATE HARDWARE PER C/SD/X301



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

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL SITE PLAN

Drawing

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

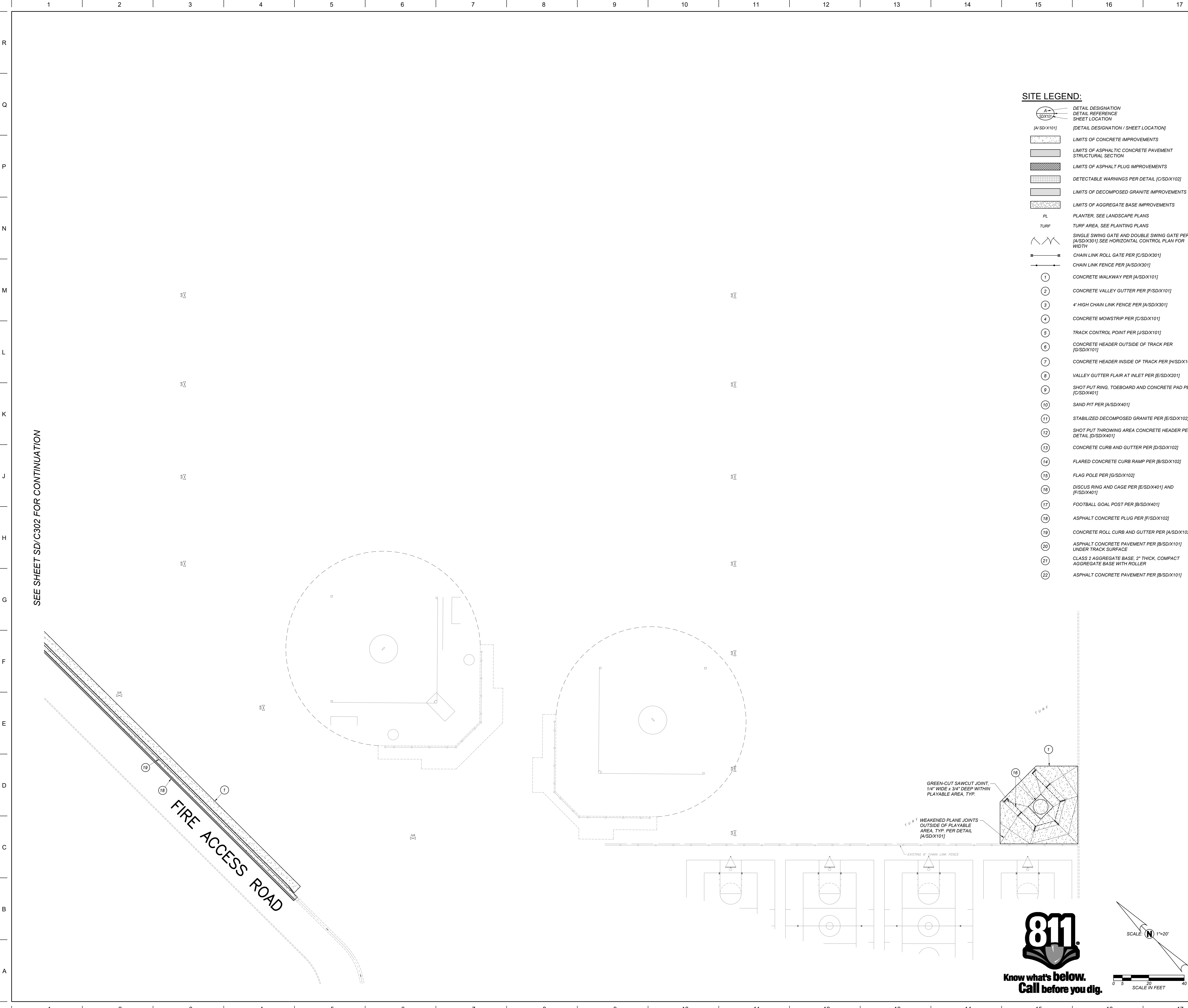
Architect

No.	Revision/Submission	Date

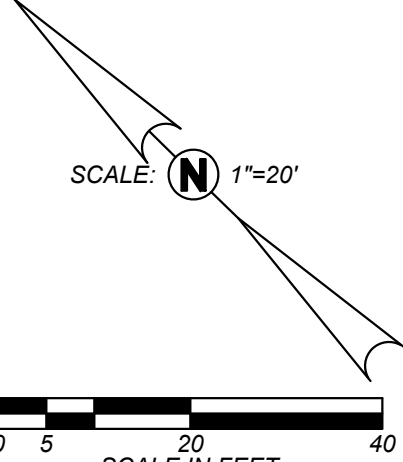
100% CONSTRUCTION DRAWINGS Revision

Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ
Project Number: 2469.1	Checked By: ZDH
Date: 12/02/24	Reviewed By: JB
Sheet: _____	of: _____

SD/C301



SEE SHEET SD/C302 FOR CONTINUATION



SITE LEGEND:

- DETAIL DESIGNATION
DETAIL REFERENCE
SHEET LOCATION
[A/SD/X101] [DETAIL DESIGNATION / SHEET LOCATION]
- LIMITS OF CONCRETE IMPROVEMENTS
- LIMITS OF ASPHALTIC CONCRETE PAVEMENT
STRUCTURAL SECTION
- LIMITS OF ASPHALT PLUG IMPROVEMENTS
- DETECTABLE WARNINGS PER DETAIL [C/SD/X102]
- LIMITS OF DECOMPOSED GRANITE IMPROVEMENTS
- LIMITS OF AGGREGATE BASE IMPROVEMENTS
- PLANTER, SEE LANDSCAPE PLANS
- 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]
- CONCRETE WALKWAY PER [A/SD/X101]
- CONCRETE VALLEY GUTTER PER [F/SD/X101]
- 4' HIGH CHAIN LINK FENCE PER [A/SD/X301]
- CONCRETE MOWSTRIP PER [C/SD/X101]
- TRACK CONTROL POINT PER [J/SD/X101]
- CONCRETE HEADER OUTSIDE OF TRACK PER
[G/SD/X101]
- CONCRETE HEADER INSIDE OF TRACK PER [H/SD/X101]
- VALLEY GUTTER FLAIR AT INLET PER [E/SD/X201]
- SHOT PUT RING, TOEBOARD AND CONCRETE PAD PER
[C/SD/X401]
- SAND PIT PER [A/SD/X401]
- STABILIZED DECOMPOSED GRANITE PER [E/SD/X102]
- SHOT PUT THROWING AREA CONCRETE HEADER PER
DETAIL [D/SD/X401]
- CONCRETE CURB AND GUTTER PER [D/SD/X102]
- FLARED CONCRETE CURB RAMP PER [B/SD/X102]
- FLAG POLE PER [G/SD/X102]
- DISCUS RING AND CAGE PER [E/SD/X401] AND
[F/SD/X401]
- FOOTBALL GOAL POST PER [B/SD/X401]
- ASPHALT CONCRETE PLUG PER [F/SD/X102]
- CONCRETE ROLL CURB AND GUTTER PER [A/SD/X102]
- ASPHALT CONCRETE PAVEMENT PER [B/SD/X101]
UNDER TRACK SURFACE
- CLASS 2 AGGREGATE BASE, 2" THICK, COMPACT
AGGREGATE BASE WITH ROLLER
- ASPHALT CONCRETE PAVEMENT PER [B/SD/X101]

DSA File No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

GENERAL SITE NOTES:

1.

ALL CONCRETE MOWSTRIPS, RAMPS AND SIDEWALKS SHALL HAVE WEAKENED PLANE JOINTS AT 10 FEET MAXIMUM ON CENTER AND EXPANSION JOINTS AT 30 FEET MAXIMUM ON CENTER PER DETAIL [A/SD/X101]

2.

INSTALL DOWELED CONNECTION AT JOINT OF NEW CONCRETE TO EXISTING CONCRETE PER DETAIL [D/SD/X101]

3.

NO CONCRETE MAY BE POURED UNTIL THE FORMS HAVE BEEN REVIEWED AND APPROVED BY THE PROJECT INSPECTOR.

4.

ALL BURIED METALLIC OBJECTS SHALL HAVE A PROTECTIVE COATING OR BE WRAPPED WITH APPROVED PROTECTIVE WRAP.

5.

ADJUST EXISTING SPRINKLER HEADS AND LATERAL LINES AS REQUIRED BY NEW IMPROVEMENTS, OR AS SHOWN ON THE IRRIGATION PLANS.

6.

2 WORKING DAYS BEFORE COMMENCING EXCAVATION OPERATIONS WITHIN THE STREET RIGHT-OF-WAY AND/OR UTILITY EASEMENTS, ALL EXISTING UNDERGROUND FACILITIES SHALL HAVE BEEN LOCATED BY UNDERGROUND SERVICES ALERT (USA), CALL 1-800-642-2444

7.

ANY SURVEY MONUMENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE PRESERVED OR RESET BY A PERSON LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA. REPLACEMENT TO BE AT CONTRACTOR'S SOLE EXPENSE.

GATE HARDWARE LEGEND:

ACH

CHAIN LINK PEDESTRIAN ACCESSIBLE WALK GATE, NON-KEYED PASSAGE TYPE LATCH, PROVIDE APPROPRIATE HARDWARE PER [A/SD/X301] AND [B/SD/X301]

ADL

CHAIN LINK DOUBLE LEAF MAINTENANCE SWING GATE, PROVIDE APPROPRIATE HARDWARE PER [A/SD/X301]

ADL

CHAIN LINK MAINTENANCE ROLL GATE, PROVIDE APPROPRIATE HARDWARE PER [C/SD/X301]

KEYMAP

SD/C301

SD/C302

SD/C303

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

PROFESSIONAL
SEAL
J. D. BLAIR
No. 01218
CIVIL
STATE OF CALIFORNIA

12/02/24
Date Signed

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL SITE PLAN

Drawing

arden architects

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

LICENSED ARCHITECT
ANTONIO J. AVILA
No. C26236
Exp. 10-31-25
STATE OF CALIFORNIA

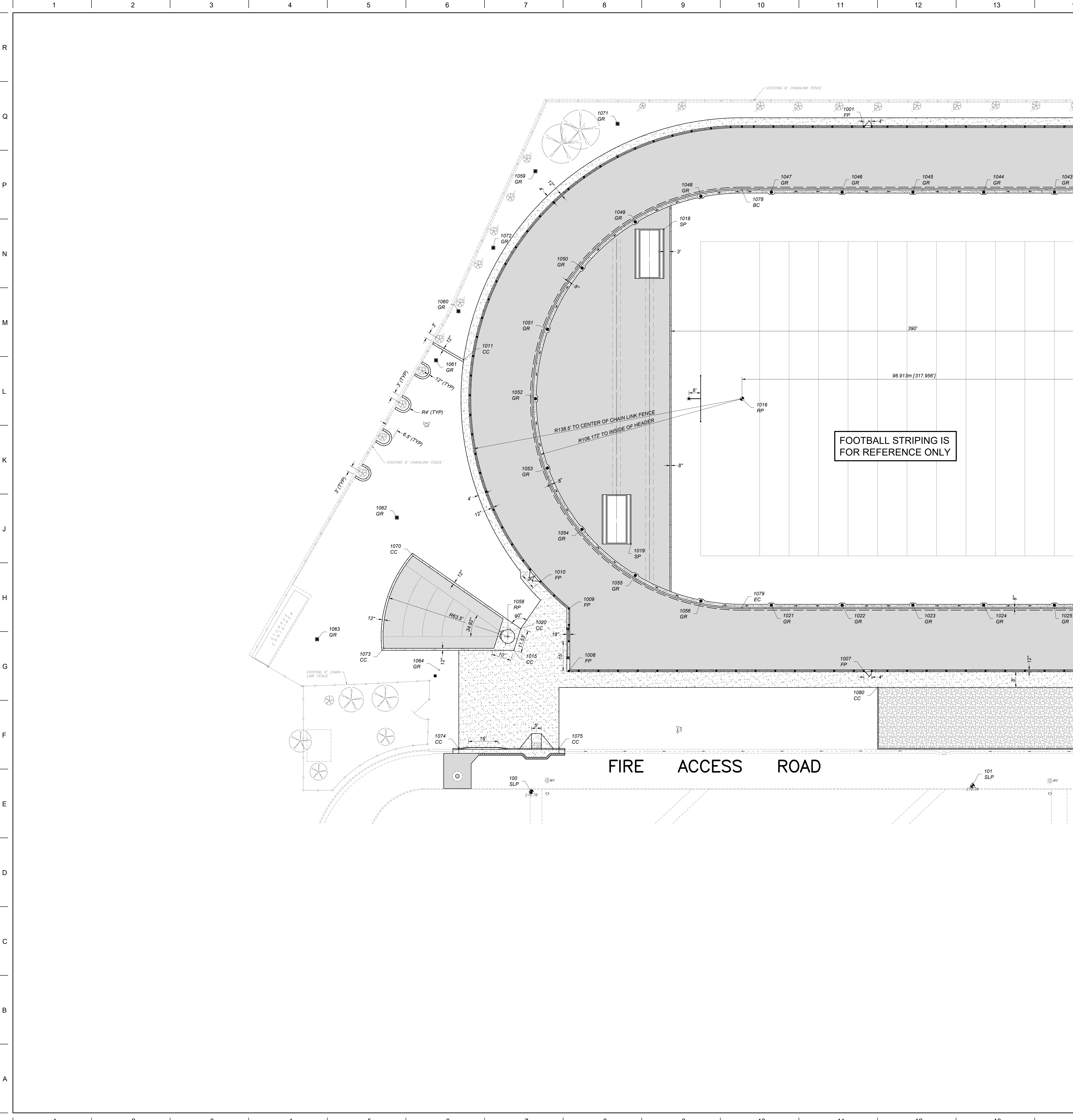
Architect

No.	Revision/Submission	Date

Revision

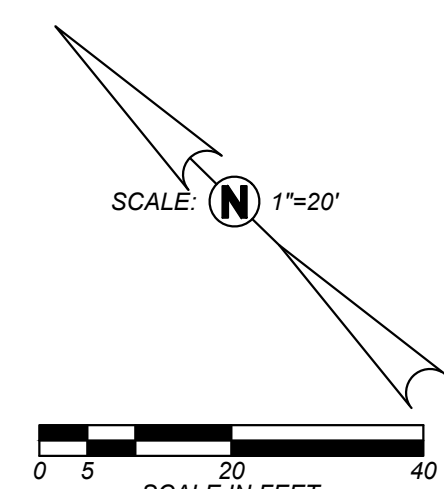
	Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ	
Project Number: 2469.1	Checked By: ZDH	SD/C303
Date: 12/02/24	Reviewed By: JB	Sheet: _____ of: _____

Drawing: P:\224-0395\Site\production\dwgs\2240395.dwg Layer3 - RCP.dwg
Plot by Johnson Dec-02, 2024 1:53pm



SEE SHEET SD/C402 FOR CONTINUATION

NORTHING EASTING TABLE			
POINT	NORTHING	EASTING	ABV
100	1809862.36	6694707.52	SLP
101	1809726.85	6694886.58	SLP
102	1809581.35	6695071.24	SLP
1001	1810025.67	6695048.91	FP
1002	1809906.59	6695202.01	FP
1004	1809620.82	6695160.37	FP
1006	1809687.94	6695031.96	FP
1007	1809807.02	6694878.85	FP
1008	1809899.19	6694760.34	FP
1009	1809924.18	6694779.78	FP
1010	1809943.95	6694776.84	FP
1011	1810056.96	6694815.29	CC
1012	1809846.38	6695279.28	CC
1013	1809563.67	6695127.40	CC
1014	1809653.31	6695012.15	CC
1015	1809924.57	6694744.67	CC
1016	1809954.41	6694914.94	RP
1017	1809759.20	6695165.93	RP
1018	1810046.91	6694936.61	SP
1019	1809930.66	6694824.97	SP
1020	1809931.13	6694754.15	CC
1021	1809862.28	6694862.24	GR
1022	1809840.17	6694890.66	GR
1023	1809818.07	6694919.08	GR
1024	1809795.96	6694947.50	GR
1025	1809773.86	6694975.92	GR
1026	1809751.76	6695004.34	GR
1027	1809729.65	6695032.78	GR
1028	1809707.55	6695061.18	GR
1029	1809685.45	6695089.60	GR
1030	1809665.08	6695119.20	GR
1031	1809654.86	6695153.54	GR
1032	1809656.76	6695189.32	GR
1033	1809670.58	6695222.38	GR
1034	1809694.69	6695248.87	GR
1035	1809726.31	6695265.72	GR
1036	1809781.75	6695270.97	GR
1037	1809796.90	6695264.01	GR
1038	1809827.66	6695245.65	GR
1039	1809851.33	6695218.63	GR
1040	1809873.44	6695190.21	GR
1041	1809895.54	6695161.79	GR
1042	1809917.65	6695133.37	GR
1043	1809939.75	6695104.95	GR
1044	1809961.85	6695076.53	GR
1045	1809983.96	6695048.11	GR
1046	1810006.06	6695019.69	GR
1047	1810028.16	6694991.27	GR
1048	1810048.53	6694961.67	GR
1049	1810058.75	6694927.33	GR
1050	1810056.85	6694891.55	GR
1051	1810043.03	6694858.49	GR
1052	1810018.92	6694832.00	GR
1053	1809987.30	6694815.15	GR
1054	1809951.86	6694809.90	GR
1055	1809916.71	6694816.86	GR
1056	1809885.95	6694835.22	GR
1057	1809756.78	6695316.57	FLP
1058	1809931.97	6694746.56	RP
1059	1810110.35	6694903.04	GR
1060	1810078.13	6694828.37	GR
1061	1810065.41	6694804.03	GR
1062	1810014.44	6694739.14	GR
1063	1809990.50	6694669.07	GR
1064	1809940.03	6694708.50	GR
1065	1809601.56	6695127.90	GR
1067	1809627.04	6695320.20	GR
1068	1809723.54	6695320.87	GR
1069	1809791.27	6695321.66	GR
1070	1809994.13	6694733.59	CC
1071	1810103.72	6694950.87	GR
1072	1810092.73	6694862.21	GR
1073	1809966.04	6694692.98	CC
1074	1809902.39	6694691.89	CC
1075	1809871.08	6694732.15	CC
1076	1809675.40	6695100.74	BC
1077	1809843.01	6695231.11	EC
1078	1810038.21	6694980.13	BC
1079	1809870.60	6694849.76	EC
1080	1809796.02	6694879.14	CC
1081	1809677.78	6695031.18	CC
1082	1809524.04	6695177.54	BC
1083	1809484.28	6695200.22	EC
1084	1809194.80	6695237.20	CC
1085	1809476.68	6695140.70	RP



DSA File No.: 02-122961

DSA Application No.: 02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

HORIZONTAL CONTROL LEGEND:

100 LCP

100 SLP

BC

CC

EC

GR

FLP

FP

RP

SP

LAYOUT COORDINATE POINT

SITE LAYOUT POINT

BEGINNING OF CURVE

CORNER OF CONCRETE

END OF CURVE

DRAIN INLET GRATE

FLAG POLE

FENCE POST

RADIUS POINT

SAND PIT

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 THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD

3. SITE LAYOUT POINT 101 IS A NAIL AND TIN IN PAVEMENT ON THE SOUTH SIDE OF THE FIRE ACCESS ROAD, APPROXIMATELY 224 FEET SOUTHEAST OF LAYOUT POINT 100

4. SITE LAYOUT POINT 102 IS A CHISELED "X" IN CONCRETE MOWSTRIP ON THE SOUTH SIDE OF THE FIRE ACCESS ROAD, APPROXIMATELY 460 FEET SOUTHEAST OF LAYOUT POINT 100

5. DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE

SD/C401

SD/C402

SD/C403

KEYMAP

General Notes

Consultant

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

PROFESSIONAL
ENGINEER
STATE OF CALIFORNIA
CIVIL
12/02/24
Date Signed: [Signature]

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL HORIZONTAL CONTROL PLAN

Drawing

ARCHITECTURE
PLANNING
INTERIORS
architects

www.dardenarchitects.com

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

Architect

No.	Revision/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

Designed By: KL

Copyright 2024 Darden Architects

Drawn By: TJ

Checked By: ZDH

Date: 12/02/24

Reviewed By: JB

SD/C401

Sheet: _____ of: _____

811

Know what's below.
Call before you dig.

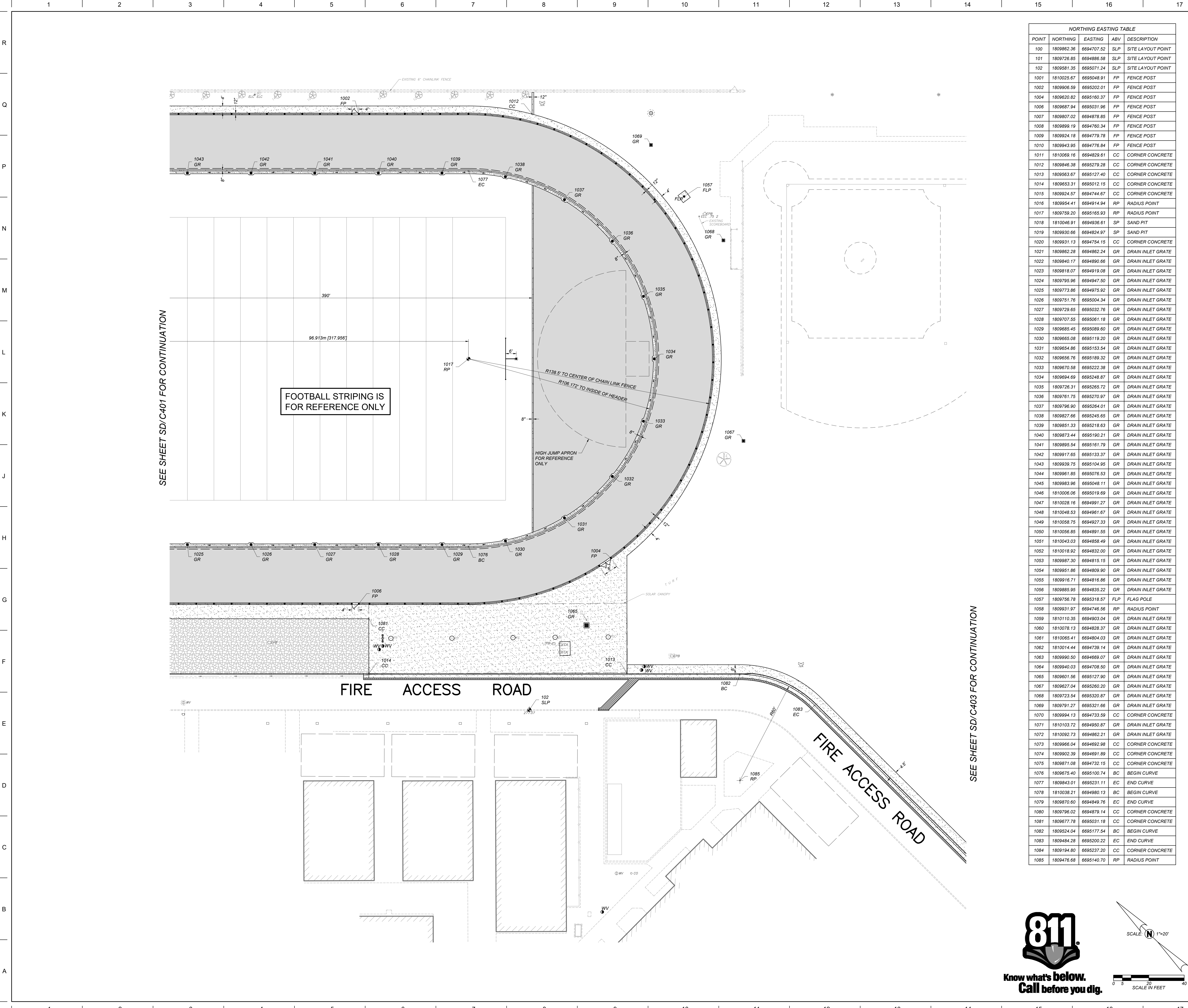
0 10 20 40

SCALE IN FEET

0 10 20 40

SCALE IN FEET

Drawing: P:\24\0295\Siteproduction\dwg\SD\SD001.dwg Layout: 807.dwg
Plot by: Johnson Dec 10, 2024 1:58pm



NORTHING EASTING TABLE			
POINT	NORTHING	EASTING	ABV DESCRIPTION
100	1809862.36	6694707.52	SLP SITE LAYOUT POINT
101	1809726.85	6694886.58	SLP SITE LAYOUT POINT
102	1809581.35	6695071.24	SLP SITE LAYOUT POINT
1001	1810025.67	6695048.91	FP FENCE POST
1002	1809906.59	6695202.01	FP FENCE POST
1004	1809620.82	6695160.37	FP FENCE POST
1006	1809687.94	6695031.96	FP FENCE POST
1007	1809807.02	6694878.85	FP FENCE POST
1008	1809899.19	6694760.34	FP FENCE POST
1009	1809924.18	6694779.78	FP FENCE POST
1010	1809943.95	6694776.84	FP FENCE POST
1011	1810069.16	6694829.61	CC CORNER CONCRETE
1012	1809846.38	6695279.28	CC CORNER CONCRETE
1013	1809563.31	6695012.15	CC CORNER CONCRETE
1014	1809653.31	6695012.15	CC CORNER CONCRETE
1015	1809924.57	6694744.67	CC CORNER CONCRETE
1016	1809954.41	6694914.94	RP RADIUS POINT
1017	1809759.20	6695165.93	RP RADIUS POINT
1018	1810046.91	6694936.61	SP SAND PIT
1019	1809930.66	6694824.97	SP SAND PIT
1020	1809931.13	6694754.15	CC CORNER CONCRETE
1021	1809862.28	6694862.24	GR DRAIN INLET GRATE
1022	1809840.17	6694890.66	GR DRAIN INLET GRATE
1023	1809818.07	6694919.08	GR DRAIN INLET GRATE
1024	1809795.96	6694947.50	GR DRAIN INLET GRATE
1025	1809773.86	6694975.92	GR DRAIN INLET GRATE
1026	1809751.76	6695004.34	GR DRAIN INLET GRATE
1027	1809729.65	6695032.78	GR DRAIN INLET GRATE
1028	1809707.55	6695061.18	GR DRAIN INLET GRATE
1029	1809685.45	6695089.60	GR DRAIN INLET GRATE
1030	1809665.08	6695119.20	GR DRAIN INLET GRATE
1031	1809654.86	6695153.54	GR DRAIN INLET GRATE
1032	1809656.76	6695189.32	GR DRAIN INLET GRATE
1033	1809670.58	6695222.38	GR DRAIN INLET GRATE
1034	1809694.69	6695248.87	GR DRAIN INLET GRATE
1035	1809726.31	6695265.72	GR DRAIN INLET GRATE
1036	1809781.75	6695270.97	GR DRAIN INLET GRATE
1037	1809796.90	6695264.01	GR DRAIN INLET GRATE
1038	1809827.66	6695245.65	GR DRAIN INLET GRATE
1039	1809851.33	6695218.63	GR DRAIN INLET GRATE
1040	1809873.44	6695190.21	GR DRAIN INLET GRATE
1041	1809895.54	6695161.79	GR DRAIN INLET GRATE
1042	1809917.65	6695133.37	GR DRAIN INLET GRATE
1043	1809939.75	6695104.95	GR DRAIN INLET GRATE
1044	1809961.85	6695076.53	GR DRAIN INLET GRATE
1045	1809983.96	6695048.11	GR DRAIN INLET GRATE
1046	1810006.06	6695019.69	GR DRAIN INLET GRATE
1047	1810028.16	6694991.27	GR DRAIN INLET GRATE
1048	1810048.53	6694961.67	GR DRAIN INLET GRATE
1049	1810058.75	6694927.33	GR DRAIN INLET GRATE
1050	1810056.85	6694891.55	GR DRAIN INLET GRATE
1051	1810043.03	6694858.49	GR DRAIN INLET GRATE
1052	1810018.92	6694832.00	GR DRAIN INLET GRATE
1053	1809987.30	6694815.15	GR DRAIN INLET GRATE
1054	1809951.86	6694809.90	GR DRAIN INLET GRATE
1055	1809916.71	6694816.86	GR DRAIN INLET GRATE
1056	1809885.95	6694835.22	GR DRAIN INLET GRATE
1057	1809756.78	6695316.57	FLP FLAG POLE
1058	1809931.97	6694746.56	RP RADIUS POINT
1059	1810110.35	6694903.04	GR DRAIN INLET GRATE
1060	1810078.13	6694828.37	GR DRAIN INLET GRATE
1061	1810065.41	6694804.03	GR DRAIN INLET GRATE
1062	1810014.44	6694739.14	GR DRAIN INLET GRATE
1063	1809990.50	6694669.07	GR DRAIN INLET GRATE
1064	1809940.03	6694708.50	GR DRAIN INLET GRATE
1065	1809601.56	6695127.90	GR DRAIN INLET GRATE
1067	1809627.04	6695260.20	GR DRAIN INLET GRATE
1068	1809723.54	6695320.87	GR DRAIN INLET GRATE
1069	1809791.27	6695321.66	GR DRAIN INLET GRATE
1070	1809994.13	6694733.59	CC CORNER CONCRETE
1071	1810103.72	6694950.87	GR DRAIN INLET GRATE
1072	1810092.73	6694862.21	GR DRAIN INLET GRATE
1073	1809966.04	6694692.98	CC CORNER CONCRETE
1074	1809902.39	6694691.89	CC CORNER CONCRETE
1075	1809871.08	6694732.15	CC CORNER CONCRETE
1076	1809675.40	6695100.74	BC BEGIN CURVE
1077	1809843.01	6695231.11	EC END CURVE
1078	1810038.21	6694980.13	BC BEGIN CURVE
1079	1809870.60	6694849.76	EC END CURVE
1080	1809796.02	6694879.14	CC CORNER CONCRETE
1081	1809677.78	6695031.18	CC CORNER CONCRETE
1082	1809524.04	6695177.54	BC BEGIN CURVE
1083	1809484.28	6695200.22	EC END CURVE
1084	1809194.80	6695237.20	CC CORNER CONCRETE
1085	1809476.68	6695140.70	RP RADIUS POINT

DSA File No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC.
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

HORIZONTAL CONTROL LEGEND:

100 LCP

100 SLP

BC

CC

EC

GR

FLP

FP

RP

SP

LAYOUT COORDINATE POINT

SITE LAYOUT POINT

BEGINNING OF CURVE

CORNER OF CONCRETE

END OF CURVE

DRAIN INLET GRATE

FLAG POLE

FENCE POST

RADIUS POINT

SAND PIT

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 THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD

3. SITE LAYOUT POINT 101 IS A NAIL AND TIN IN PAVEMENT ON THE SOUTH SIDE OF THE FIRE ACCESS ROAD, APPROXIMATELY 224 FEET SOUTHEAST OF LAYOUT POINT 100

4. SITE LAYOUT POINT 102 IS A CHISELED "X" IN CONCRETE MOWSTRIP ON THE SOUTH SIDE OF THE FIRE ACCESS ROAD, APPROXIMATELY 460 FEET SOUTHEAST OF LAYOUT POINT 100

5. DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE

SD/C401

SD/C402

SD/C403

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

CONSULTANT

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL HORIZONTAL CONTROL PLAN

Drawing

ARCHITECTURE PLANNING INTERIORS

www.dardenarchitects.com

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

ARCHITECT

ARCHITECT

No.

Revision/Submission

Date

Revision

Designed By: KL

Copyright 2024 Darden Architects

Scale: 1" = 20'

Drawn By: TJ

Project Number: 2469.1

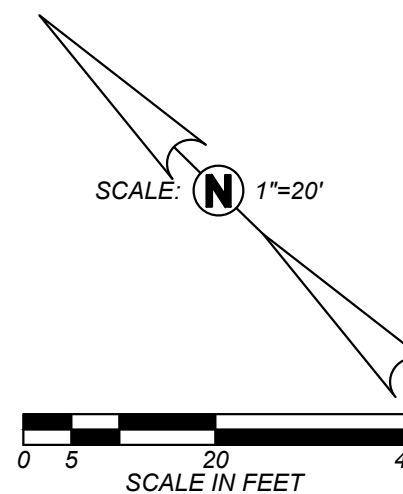
Checked By: ZDH

Date: 12/02/24

Reviewed By: JB

SD/C402

Sheet: of:



1029	1509954.65	6695089.60	GR	DRAIN INLET GRATE
1030	1509665.08	6695119.20	GR	DRAIN INLET GRATE
1031	1509654.86	6695153.54	GR	DRAIN INLET GRATE
1032	1509656.76	6695189.32	GR	DRAIN INLET GRATE
1033	1509670.58	6695222.38	GR	DRAIN INLET GRATE
1034	1509694.69	6695248.87	GR	DRAIN INLET GRATE
1035	1509926.31	6695262.72	GR	DRAIN INLET GRATE
1036	1509761.75	6695270.97	GR	DRAIN INLET GRATE
1037	1509796.90	6695264.01	GR	DRAIN INLET GRATE
1038	1509827.66	6695245.65	GR	DRAIN INLET GRATE
1039	1509851.33	669518.63	GR	DRAIN INLET GRATE
1040	1509843.74	6695190.21	GR	DRAIN INLET GRATE
1041	1509895.54	6695161.79	GR	DRAIN INLET GRATE
1042	1509917.65	6695133.37	GR	DRAIN INLET GRATE
1043	1509939.75	6695104.95	GR	DRAIN INLET GRATE
1044	1509961.85	6695076.53	GR	DRAIN INLET GRATE
1045	1509983.96	669508.11	GR	DRAIN INLET GRATE
1046	1510006.06	6695019.69	GR	DRAIN INLET GRATE
1047	1510028.16	6694991.27	GR	DRAIN INLET GRATE
1048	1510048.53	6694961.67	GR	DRAIN INLET GRATE
1049	1510058.75	6694927.33	GR	DRAIN INLET GRATE
1050	1510058.85	6694901.55	GR	DRAIN INLET GRATE
1051	1510043.03	6694858.49	GR	DRAIN INLET GRATE
1052	1510018.92	6694832.00	GR	DRAIN INLET GRATE
1053	1509987.30	6694815.15	GR	DRAIN INLET GRATE
1054	1509951.86	6694809.90	GR	DRAIN INLET GRATE
1055	1509916.71	6694816.86	GR	DRAIN INLET GRATE
1056	1509885.95	6694835.22	GR	DRAIN INLET GRATE
1057	1509756.78	6695318.57	FLP	FLAP POLE
1058	1509931.97	6694746.56	RP	RADIUS POINT

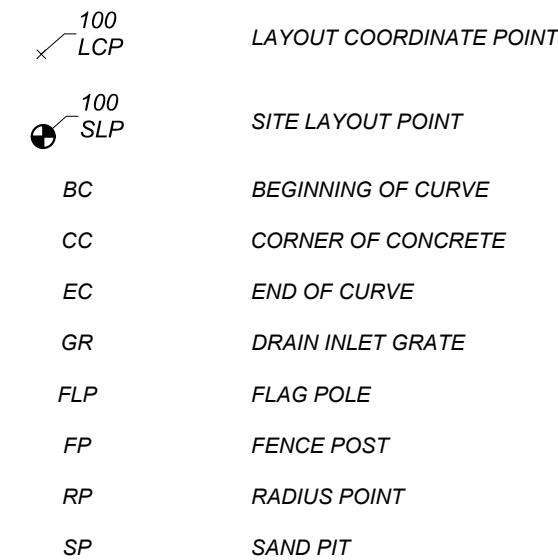
1059	181011035	6694903.04	GR	DRAIN INLET GRATE
1060	181007018	6694828.03	GR	DRAIN INLET GRATE
1061	181006541	6694804.03	GR	DRAIN INLET GRATE
1062	181001444	6694739.14	GR	DRAIN INLET GRATE
1063	180999050	6694659.07	GR	DRAIN INLET GRATE
1064	1809940.03	6694708.50	GR	DRAIN INLET GRATE
1065	180990156	6695127.90	GR	DRAIN INLET GRATE
1067	1809627.04	6695260.20	GR	DRAIN INLET GRATE
1068	1809723.54	6695320.87	GR	DRAIN INLET GRATE
1069	1809791.27	6695326.66	GR	DRAIN INLET GRATE
1070	1809994.13	6694733.59	CC	CORNER CONCRETE
1071	1810103.72	6694950.87	GR	DRAIN INLET GRATE
1072	1810092.73	6694852.21	GR	DRAIN INLET GRATE
1073	1809965.04	6694892.98	CC	CORNER CONCRETE
1074	1809902.39	6694691.89	CC	CORNER CONCRETE
1075	1809871.08	6694732.15	CC	CORNER CONCRETE
1076	1809675.40	6695100.71	BC	BEGIN CURVE
1077	1809843.01	6695233.14	EC	END CURVE
1078	1810038.21	6694980.13	BC	BEGIN CURVE
1079	1809570.60	6694976.16	EC	END CURVE
1080	1809796.02	6694879.14	CC	CORNER CONCRETE
1081	1809677.78	6695031.18	CC	CORNER CONCRETE
1082	1809524.04	6695177.54	BC	BEGIN CURVE
1083	1809484.28	6695200.22	EC	END CURVE
1084	1809194.80	6695237.20	CC	CORNER CONCRETE
1085	1809476.68	6695140.70	RP	RADIUS POINT

DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

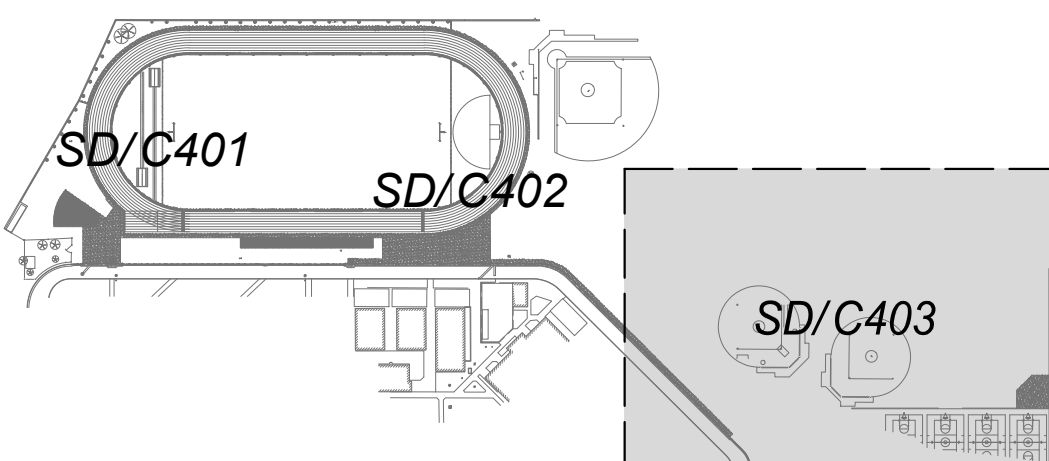
Agency Approval

HORIZONTAL CONTROL LEGEND:



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 THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD
3. SITE LAYOUT POINT 101 IS A NAIL AND TIN IN PAVEMENT ON THE SOUTH SIDE OF THE FIRE ACCESS ROAD, APPROXIMATELY 224 FEET SOUTHEAST OF LAYOUT POINT 100
4. SITE LAYOUT POINT 102 IS A CHISELED "X" IN CONCRETE MOWSTRIP ON THE SOUTH SIDE OF THE FIRE ACCESS ROAD, APPROXIMATELY 460 FEET SOUTHEAST OF LAYOUT POINT 100
5. DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.



KEYMAP

General Notes



**Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93611
Tel (559) 326-1400
Fax (559) 326-1500**



Consultant

12/02/24
Date Signed

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL HORIZONTAL CONTROL PLAN

Drawing



6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051



Architec

No.	Revision/Submission	Date

Revision

Designed By: KL

Copyright 2024 Darden Architects

Scale: NO SC

Drawn By:

05/0400

Project Number:

Checked By: ZDH

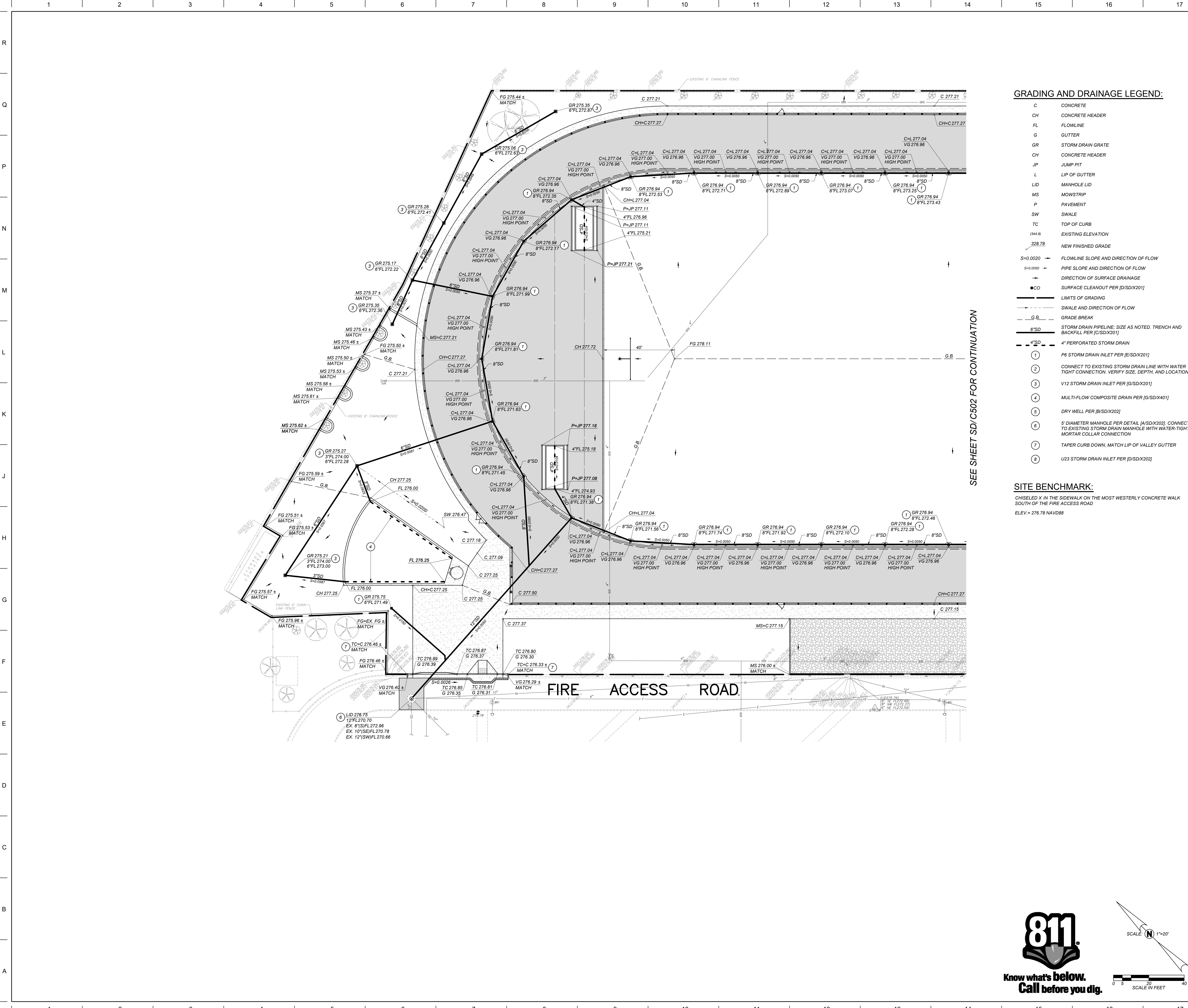
SD/C403

Date: 1

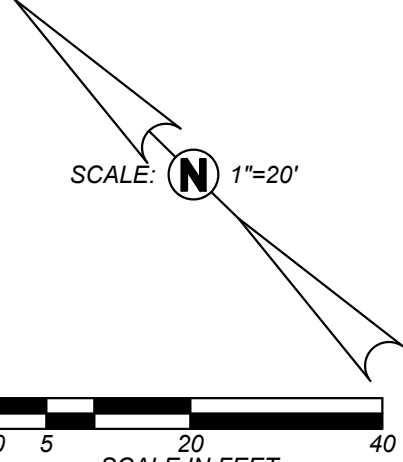
Reviewed By: JB

Sheet: _____ of: _____

Drawing: P:\224-0250\Site\production\drawings\224-0250\c01.dwg; Layout3 - BCF.ctb



SEE SHEET SD/C502 FOR CONTINUATION



GRADING AND DRAINAGE LEGEND:

- C CONCRETE
- CH CONCRETE HEADER
- FL FLOWLINE
- G GUTTER
- GR STORM DRAIN GRATE
- CH CONCRETE HEADER
- JUMP PIT
- L LIP OF GUTTER
- LID MANHOLE LID
- 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
- CO SURFACE CLEANOUT PER [D/SD/X201]
- LIMITS OF GRADING
- SWALE AND DIRECTION OF FLOW
- G.B. GRADE BREAK
- 6"SD STORM DRAIN PIPELINE, SIZE AS NOTED. TRENCH AND BACKFILL PER [C/SD/X201]
- 4"SD 4" PERFORATED STORM DRAIN
- 1 P6 STORM DRAIN INLET PER [E/SD/X201]
- 2 CONNECT TO EXISTING STORM DRAIN LINE WITH WATER TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION
- 3 V12 STORM DRAIN INLET PER [G/SD/X201]
- 4 MULTI-FLOW COMPOSITE DRAIN PER [G/SD/X401]
- 5 DRY WELL PER [B/SD/X202]
- 6 5" DIAMETER MANHOLE PER DETAIL [A/SD/X202]. CONNECT TO EXISTING STORM DRAIN MANHOLE WITH WATER-TIGHT MORTAR COLLAR CONNECTION
- 7 TAPER CURB DOWN, MATCH LIP OF VALLEY GUTTER
- 8 U23 STORM DRAIN INLET PER [D/SD/X202]

SITE BENCHMARK:

CHISELED X IN THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD
ELEV = 276.78 NAVD88

DSA File No.:

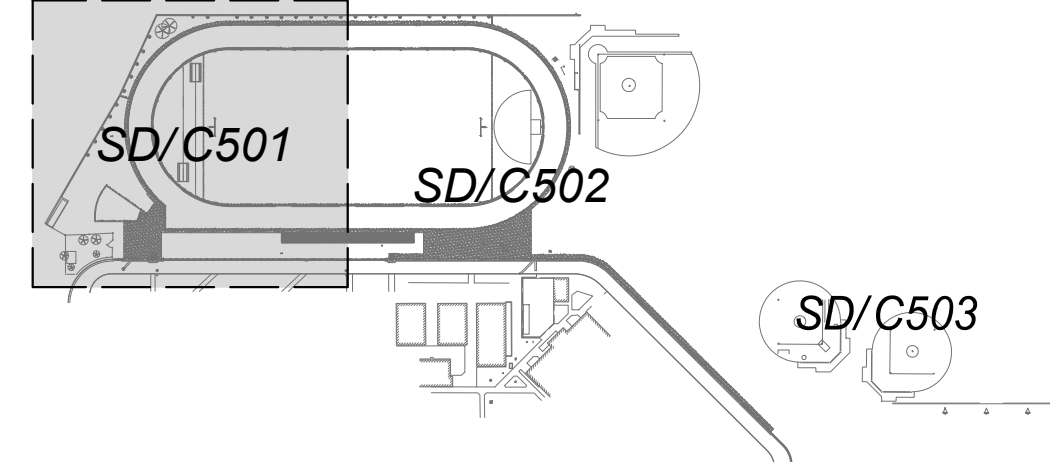
DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

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.
- 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).
 - 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%
 - CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITIONS AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING ADA ACCESS COMPLIANCE.
 - 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.
 - DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.
 - 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.
 - THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.
 - 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.
 - 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 HOLE DISCOVER ANY DISCREPANCIES, CONTACT THE ENGINEER AND OBTAIN WRITTEN DIRECTION BEFORE PROCEEDING.
 - ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL [E/SD/X101] REPLACE ALL BROKEN LIDS WITH NEW. PROVIDE TRAFFIC RATED LIDS AND BOXES WITHIN AREAS SUBJECT TO VEHICULAR TRAFFIC.
 - WATER TEST PAVEMENT WITHIN NEW IMPROVEMENT AREA. REPLACE PAVEMENT WHERE BIRD BATHS OCCUR AFTER TEST AS DIRECTED BY THE INSPECTOR OR ENGINEER.
 - 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



KEYMAP

General Notes

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

Professional Engineer
Martin Luther King MS - Track & Field Improvements
601 Lilly Street,
Madera, CA 93638

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

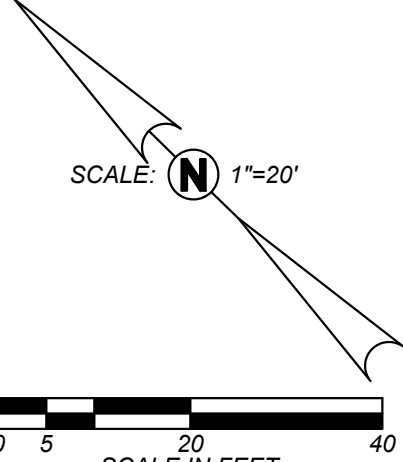
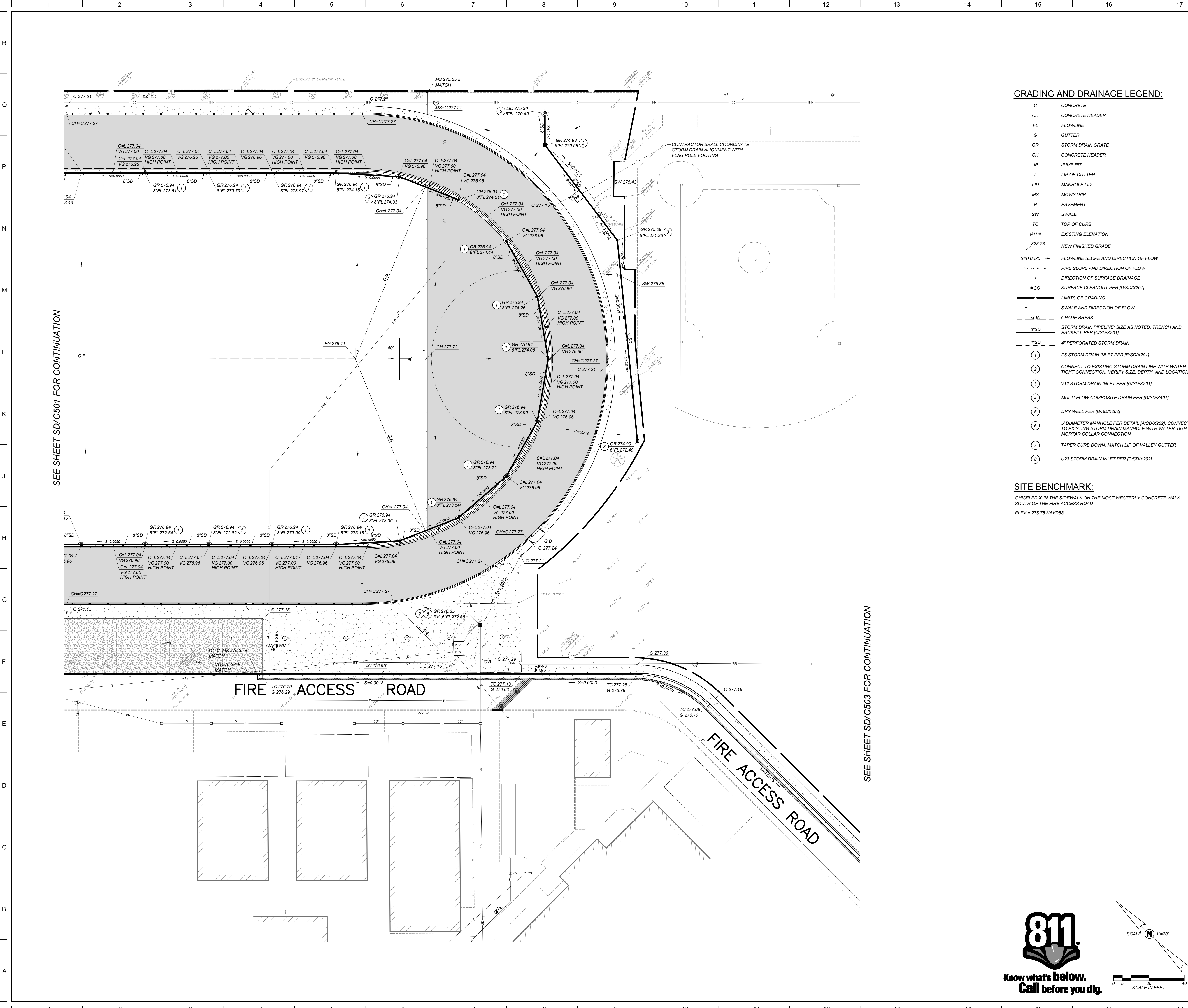
PARTIAL GRADING AND DRAINAGE PLAN
Drawing

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

No.	Revision/Submission	Date

100% CONSTRUCTION DRAWINGS		Revision
Designed By:	KL	Copyright 2024 Darden Architects
Scale:	1" = 20'	Drawn By: TJ
Project Number:	2469.1	Checked By: ZDH
Date:	12/02/24	Reviewed By: JB
Sheet: _____		of: _____

SD/C501



GRADING AND DRAINAGE LEGEND:

- C CONCRETE
- CH CONCRETE HEADER
- FL FLOWLINE
- G GUTTER
- GR STORM DRAIN GRATE
- CH CONCRETE HEADER
- JP JUMP PIT
- L LIP OF GUTTER
- LID MANHOLE LID
- 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
- CO SURFACE CLEANOUT PER [D/SD/X201]
- LIMITS OF GRADING
- SWALE AND DIRECTION OF FLOW
- G.B. GRADE BREAK
- 6"SD STORM DRAIN PIPELINE, SIZE AS NOTED. TRENCH AND BACKFILL PER [C/SD/X201]
- 4"SD 4" PERFORATED STORM DRAIN
- ① P6 STORM DRAIN INLET PER [E/SD/X201]
- ② CONNECT TO EXISTING STORM DRAIN LINE WITH WATER TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION
- ③ V12 STORM DRAIN INLET PER [G/SD/X201]
- ④ MULTI-FLOW COMPOSITE DRAIN PER [G/SD/X401]
- ⑤ DRY WELL PER [B/SD/X202]
- ⑥ 5" DIAMETER MANHOLE PER DETAIL [A/SD/X202]. CONNECT TO EXISTING STORM DRAIN MANHOLE WITH WATER-TIGHT MORTAR COLLAR CONNECTION
- ⑦ TAPER CURB DOWN, MATCH LIP OF VALLEY GUTTER
- ⑧ U23 STORM DRAIN INLET PER [D/SD/X202]

SITE BENCHMARK:

CHISELED X IN THE SIDEWALK ON THE MOST WESTERLY CONCRETE WALK SOUTH OF THE FIRE ACCESS ROAD
ELEV = 276.78 NAVD88

DSA File No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

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.

- 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).
- 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:
 - ACCESSIBLE PATH OF TRAVEL CROSS-SLOPE SHALL NOT EXCEED 2%
 - ACCESSIBLE PATH OF TRAVEL LONGITUDINAL SLOPES SHALL NOT EXCEED 5%
 - RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%
 - ACCESSIBLE WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH
 - ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% SLOPES IN ANY DIRECTION
 - LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
 - GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP SHALL HAVE A COUNTER SLOPE NOT TO EXCEED 5%
- CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITIONS AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING ADA ACCESS COMPLIANCE.
- 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.
- DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.
- 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.
- THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.
- 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.
- 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 HOLE DISCOVER ANY DISCREPANCIES, CONTACT THE ENGINEER AND OBTAIN WRITTEN DIRECTION BEFORE PROCEEDING.
- ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL [E/SD/X101] REPLACE ALL BROKEN LIDS WITH NEW, PROVIDE TRAFFIC RATED LIDS AND BOXES WITHIN AREAS SUBJECT TO VEHICULAR TRAFFIC.
- WATER TEST PAVEMENT WITHIN NEW IMPROVEMENT AREA. REPLACE PAVEMENT WHERE BIRD BATHS OCCUR AFTER TEST AS DIRECTED BY THE INSPECTOR OR ENGINEER.
- 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

KEYMAP

General Notes

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

Consultant

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL GRADING AND DRAINAGE PLAN

Drawing

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

Architect

No.	Revision/Submission	Date

Revision

	Designed By: KL	Copyright 2024 Darden Architects
	Drawn By: TJ	
	Checked By: ZDH	
	Reviewed By: JB	

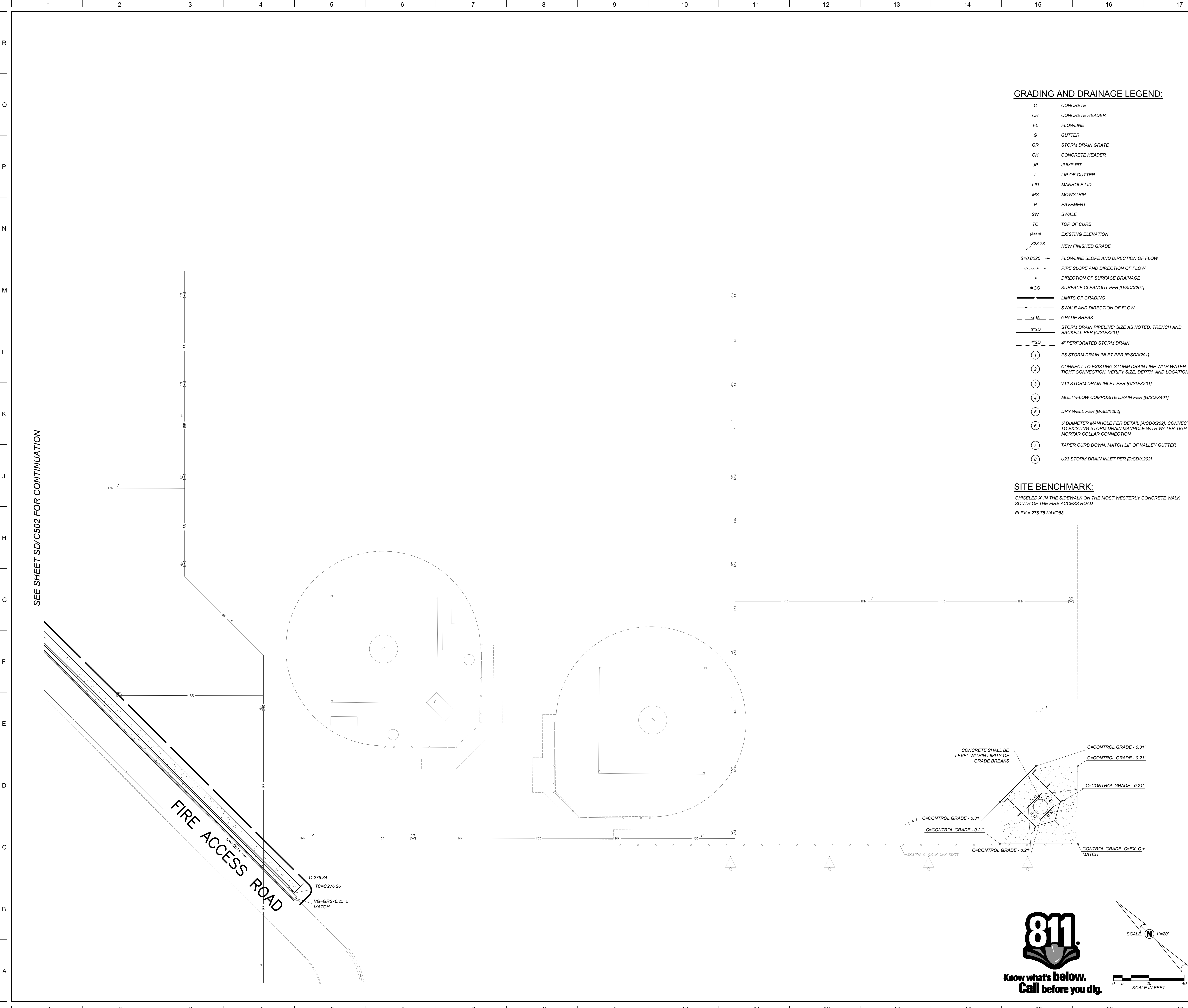
SD/C502

No. _____ of _____

Scale: 1" = 20'

Project Number: 2469.1

Date: 12/02/24



DSA File No.: 02-122961

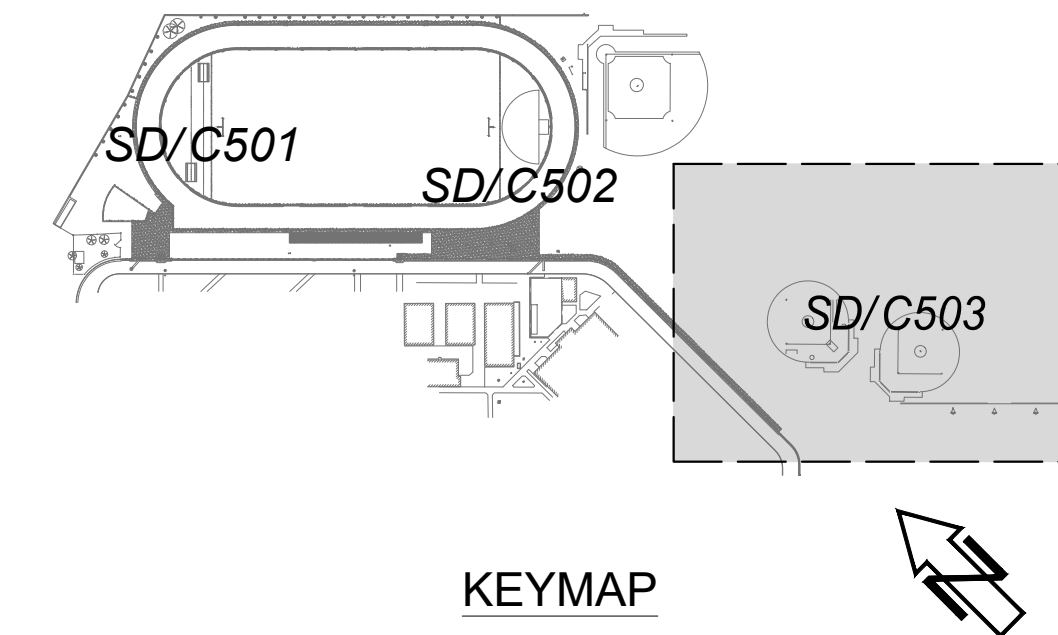
APP: 02-122961 INC: 02-122961

REVIEWED FOR: SS ☐ FLS ☒ ACS ☒

DATE: 12/10/2024

Agency Approval

- 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.
- 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).
 - 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:
 - ACCESSIBLE PATH OF TRAVEL CROSS-SLOPE SHALL NOT EXCEED 2%
 - ACCESSIBLE PATH OF TRAVEL LONGITUDINAL SLOPES SHALL NOT EXCEED 5%
 - RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%
 - ACCESSIBLE WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH
 - ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% EXCEED 2% SLOPE IN ANY DIRECTION
 - LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
 - GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP SHALL HAVE A COUNTER SLOPE NOT TO EXCEED 5%
 - 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.
 - 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.
 - DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.
 - 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.
 - THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.
 - 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.
 - 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 HOLE DISCOVER ANY DISCREPANCIES, CONTACT THE ENGINEER AND OBTAIN WRITTEN DIRECTION BEFORE PROCEEDING.
 - ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL [E/SD/X101] REPLACE ALL BROKEN LIDS WITH NEW, PROVIDE TRAFFIC RATED LIDS AND BOXES WITHIN AREAS SUBJECT TO VEHICULAR TRAFFIC.
 - WATER TEST PAVEMENT WITHIN NEW IMPROVEMENT AREA. REPLACE PAVEMENT WHERE BIRD BATHS OCCUR AFTER TEST AS DIRECTED BY THE INSPECTOR OR ENGINEER.
 - 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



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

PROFESSIONAL SEAL

DATE SIGNED: 12/02/24

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL GRADING AND DRAINAGE PLAN

Drawing

arden architects

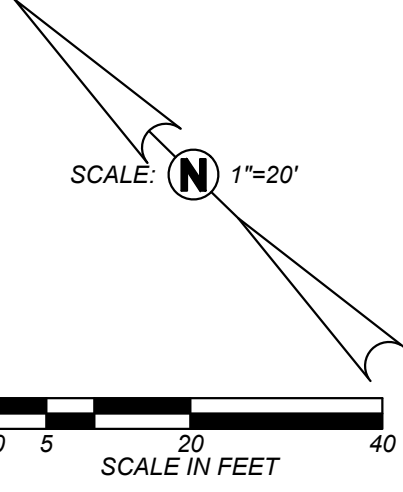
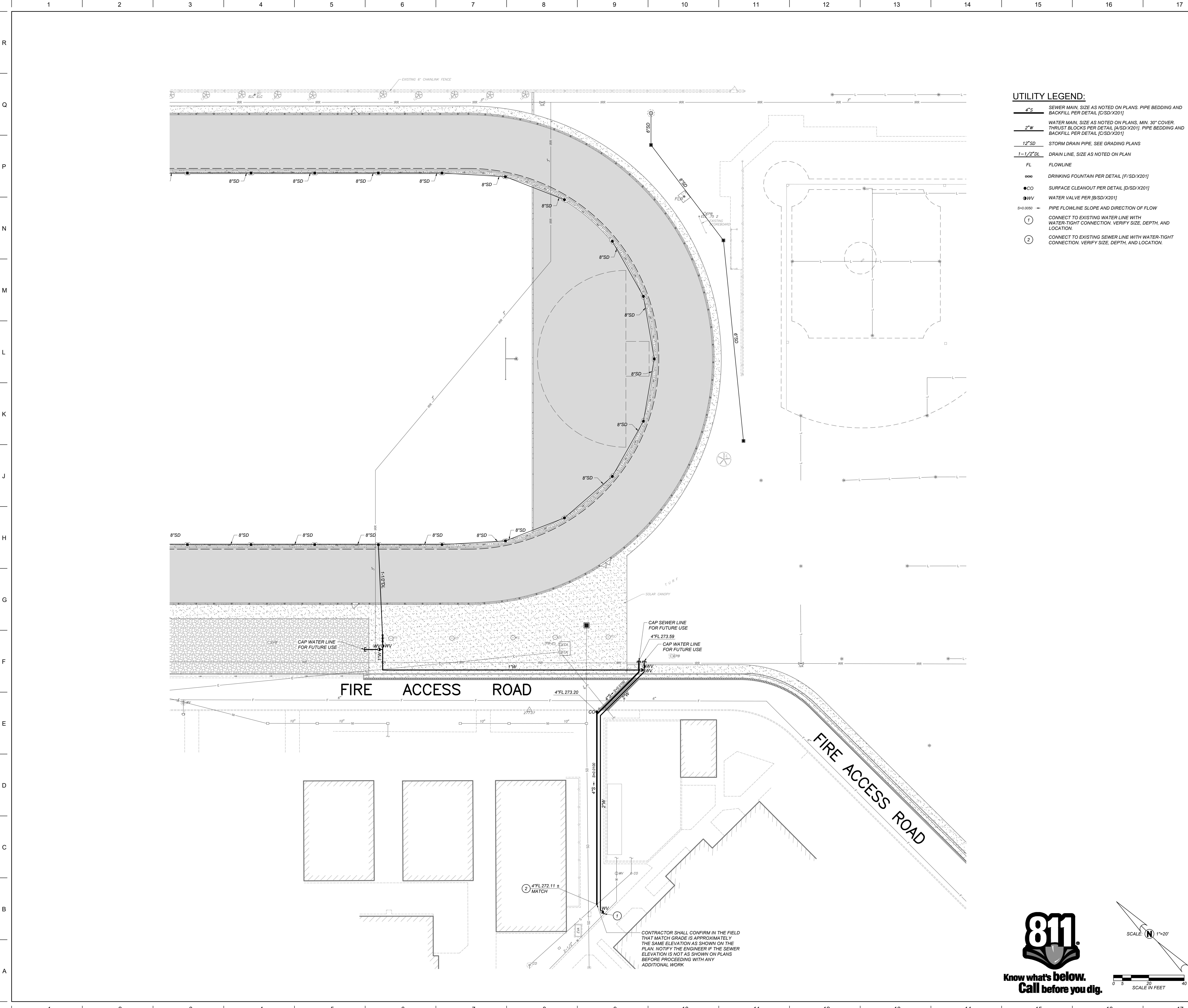
ARCHITECTURE
PLANNING
INTERIORS
www.ardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

ARCHITECT

PROFESSIONAL SEAL

DATE SIGNED: 10-31-2024

No.	Revision/Submission	Date
Revision		
	Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ	SD/C503
Project Number: 2469.1	Checked By: ZDH	
Date: 12/02/24	Reviewed By: JB	
		Sheet: _____ of: _____



- UTILITY LEGEND:**
- 4" S SEWER MAIN, SIZE AS NOTED ON PLANS. PIPE BEDDING AND BACKFILL PER DETAIL [C/SD/X201]
 - 2" W WATER MAIN, SIZE AS NOTED ON PLANS, MIN. 30" COVER. THRUST BLOCKS PER DETAIL [A/SD/X201]. PIPE BEDDING AND BACKFILL PER DETAIL [C/SD/X201]
 - 12" SD STORM DRAIN PIPE, SEE GRADING PLANS
 - 1-1/2" DL DRAIN LINE, SIZE AS NOTED ON PLAN
 - FL FLOWLINE
 - DRINKING FOUNTAIN PER DETAIL [F/SD/X201]
 - CO SURFACE CLEANOUT PER DETAIL [D/SD/X201]
 - WV WATER VALVE PER [B/SD/X201]
 - S=+0.0000 PIPE FLOWLINE SLOPE AND DIRECTION OF FLOW
 - 1 CONNECT TO EXISTING WATER LINE WITH WATER-TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION.
 - 2 CONNECT TO EXISTING SEWER LINE WITH WATER-TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION.

DSA File No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

GENERAL SITE UTILITY NOTES:

- AS FIRST ORDER OF WORK, CONTRACTOR SHALL POT-HOLE EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF LOCATIONS, SIZE AND DEPTH.
- THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION, SIZE, DEPTH AND TYPE OF ALL EXISTING UTILITIES AND INTERFERENCES SITUATED ALONG THE ROUTE OF THE PROPOSED CONSTRUCTION PRIOR TO COMMENCEMENT OF EXCAVATION, FABRICATION, AND INSTALLATION. THE CONTRACTOR SHALL CONSTRUCT ALL IMPROVEMENTS IN SUCH A MANNER AS WILL PROTECT ALL EXISTING UNDERGROUND UTILITIES AND, IN THE EVENT OF ANY CONFLICTS, SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING.
- SEE IRRIGATION PLANS FOR PROPOSED IRRIGATION PIPE ALIGNMENT.
- COORDINATE EXACT POINTS OF CONNECTION TO BUILDING PLUMBING AND NOTIFY THE ENGINEER OF ANY CONFLICT SO THAT ADJUSTMENTS CAN BE MADE IF NEEDED.
- SAWCUT EXISTING CONCRETE IMPROVEMENTS AS NECESSARY TO INSTALL NEW WATER OR SEWER IMPROVEMENTS. CONSTRUCT NEW CONCRETE IMPROVEMENTS TO MATCH ADJACENT CONCRETE IMPROVEMENTS AND JOIN TOGETHER WITH DOWEL BARS PER DETAIL [D/SD/X101].
- INSTALLATION, TYPE, AND MANUFACTURER'S MODELS OF DOMESTIC WATER METERS, DRAIN INLETS/OUTLETS AND OTHER APPURTENANCES OF SITE UTILITY SYSTEMS SHALL BE DONE IN STRICT ACCORDANCE WITH GOVERNING AUTHORITY REQUIREMENTS.
- LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE ACTUAL LOCATIONS OF ALL MATERIALS, PIPING, FIXTURES, EQUIPMENT, SUPPORTS, ETC., SHALL BE CAREFULLY PLANNED PRIOR TO INSTALLATION OF ANY WORK TO AVOID ALL INTERFERENCES WITH EACH OTHER OR WITH STRUCTURAL, ELECTRICAL, PLUMBING AND MECHANICAL, ARCHITECTURAL OR ANY OTHER ELEMENTS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.
- ANY INSPECTION TO BE MADE BY THE AUTHORITY HAVING JURISDICTION SHALL REQUIRE A MINIMUM OF 24 HOUR NOTICE.
- PURITY TESTS ARE REQUIRED ON ALL WATER SYSTEM INSTALLATIONS. CONTRACTOR TO COORDINATE WITH THE AUTHORITY HAVING JURISDICTION.
- IF THE TOP OF THE STEM OF ANY WATER GATE VALVE IS DEEPER THAN 4' BELOW FINISHED PAVEMENT GRADE, THE CONTRACTOR SHALL INSTALL A STEM EXTENSION SO THAT THE TOP OF THE STEM, WITH EXTENSION, SHALL BE NO DEEPER THAN 4' NOR SHALLOWER THAN 2' FROM FINISHED GRADE.
- BACKFILL UTILITY TRENCHES PER DETAIL [C/SD/X201]
- ADJUST EXISTING UTILITY LIDS TO FINISHED GRADE PER UTILITY COMPANY STANDARDS AND DETAIL [E/SD/X101] AND INSTALL TRAFFIC RATED LIDS WHERE LOCATED IN A TRAFFIC AREA.

SD/C601

KEYMAP

General Notes

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

12/02/24
Date Signed

Consultant

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

UTILITY PLAN

Drawing

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

12/02/24
Date Signed

Revision

	Designed By: KL	Copyright 2024 Darden Architects
	Drawn By: TJ	
	Checked By: ZDH	
	Reviewed By: JB	

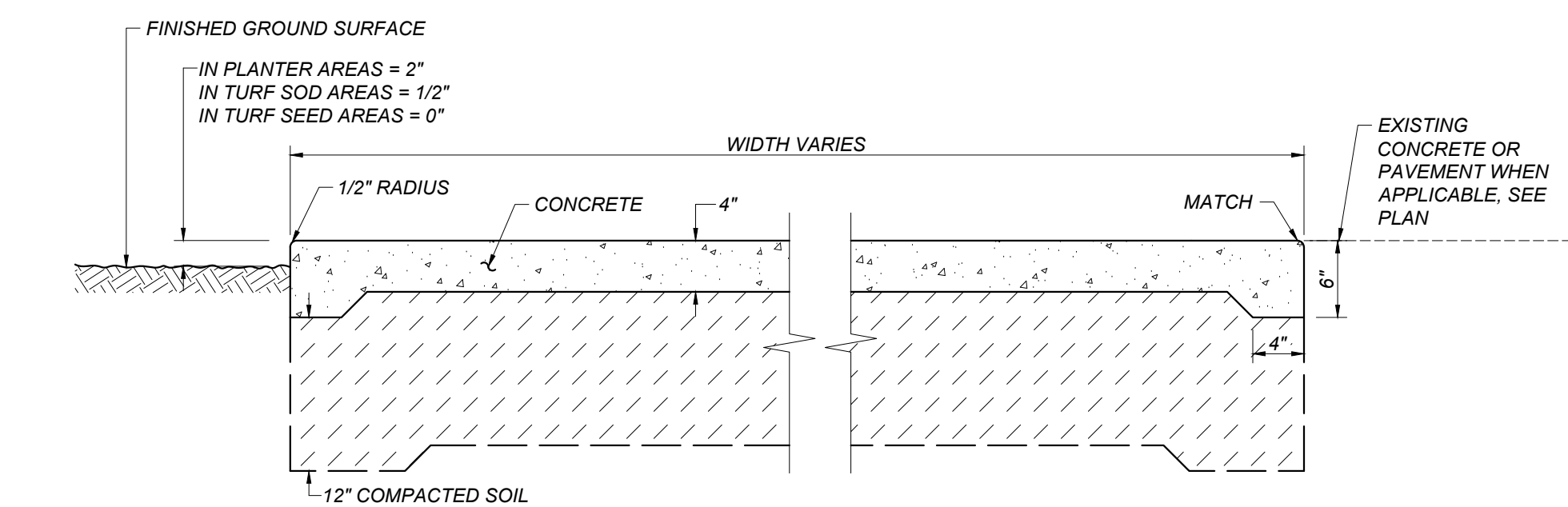
Scale: 1" = 20'

Project Number: 2469.1

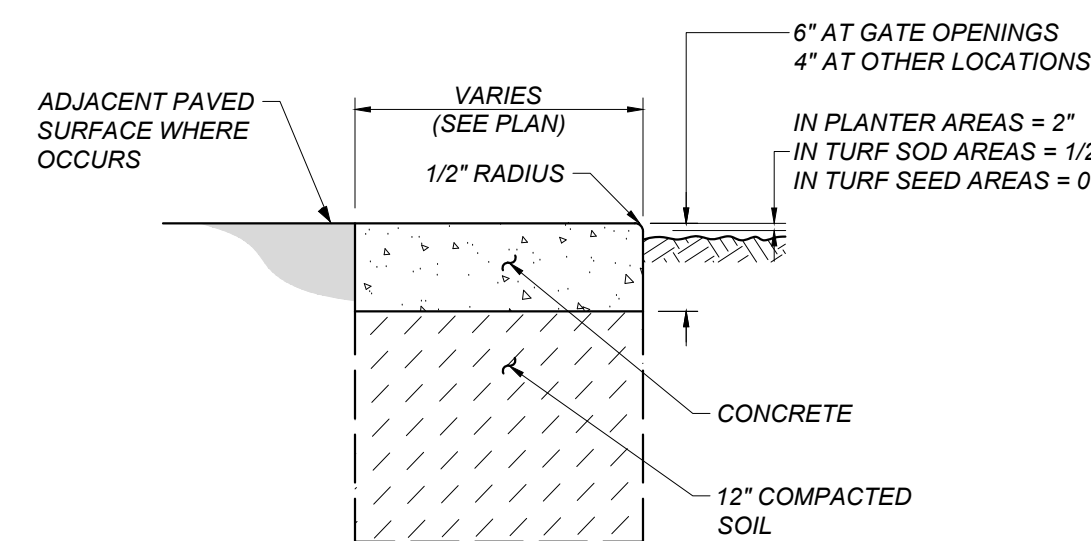
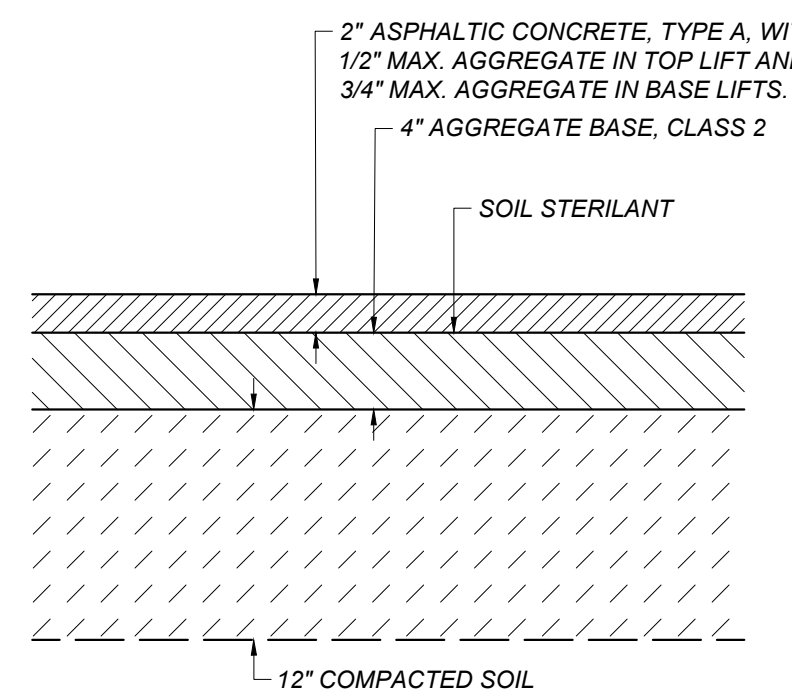
Date: 12/02/24

SD/C601

Sheet: _____ of: _____

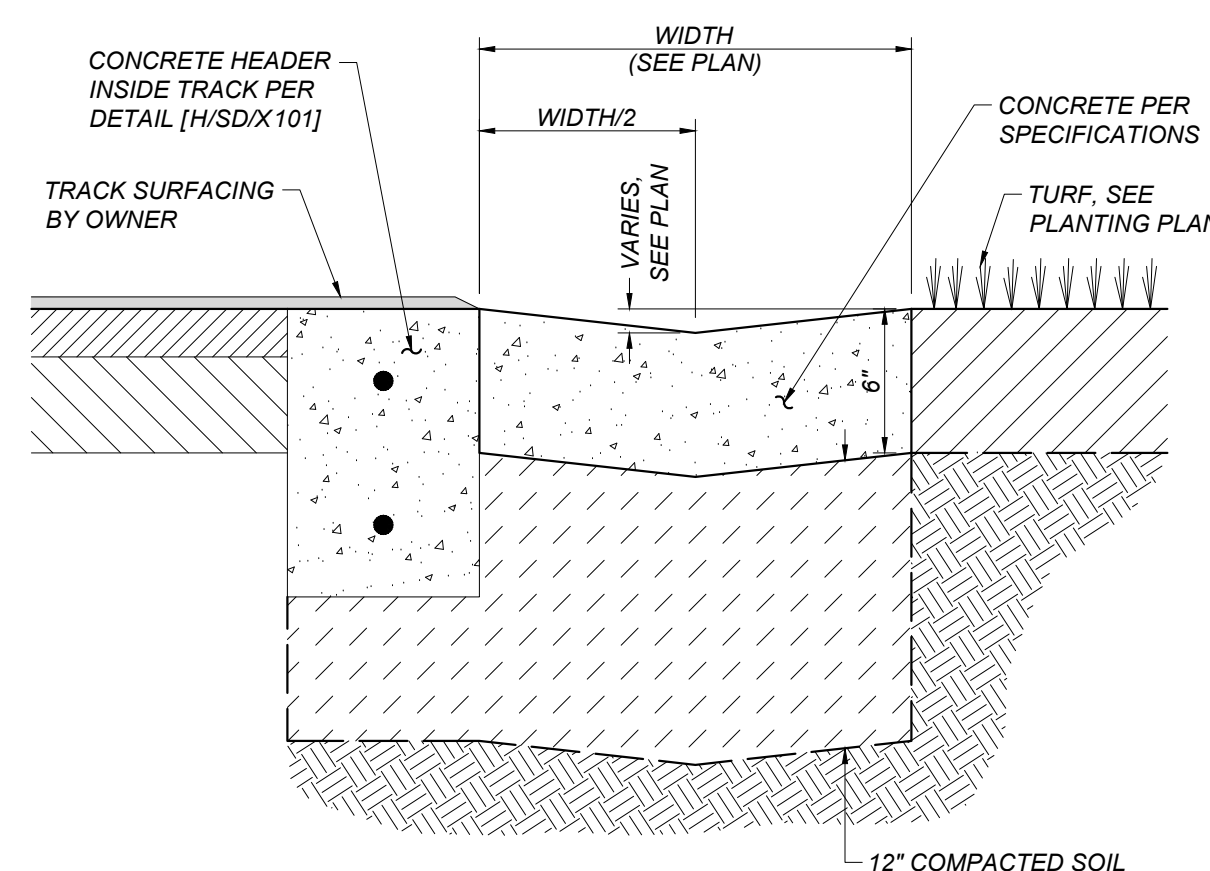


CONCRETE MOWSTRIP
NOT TO SCALE

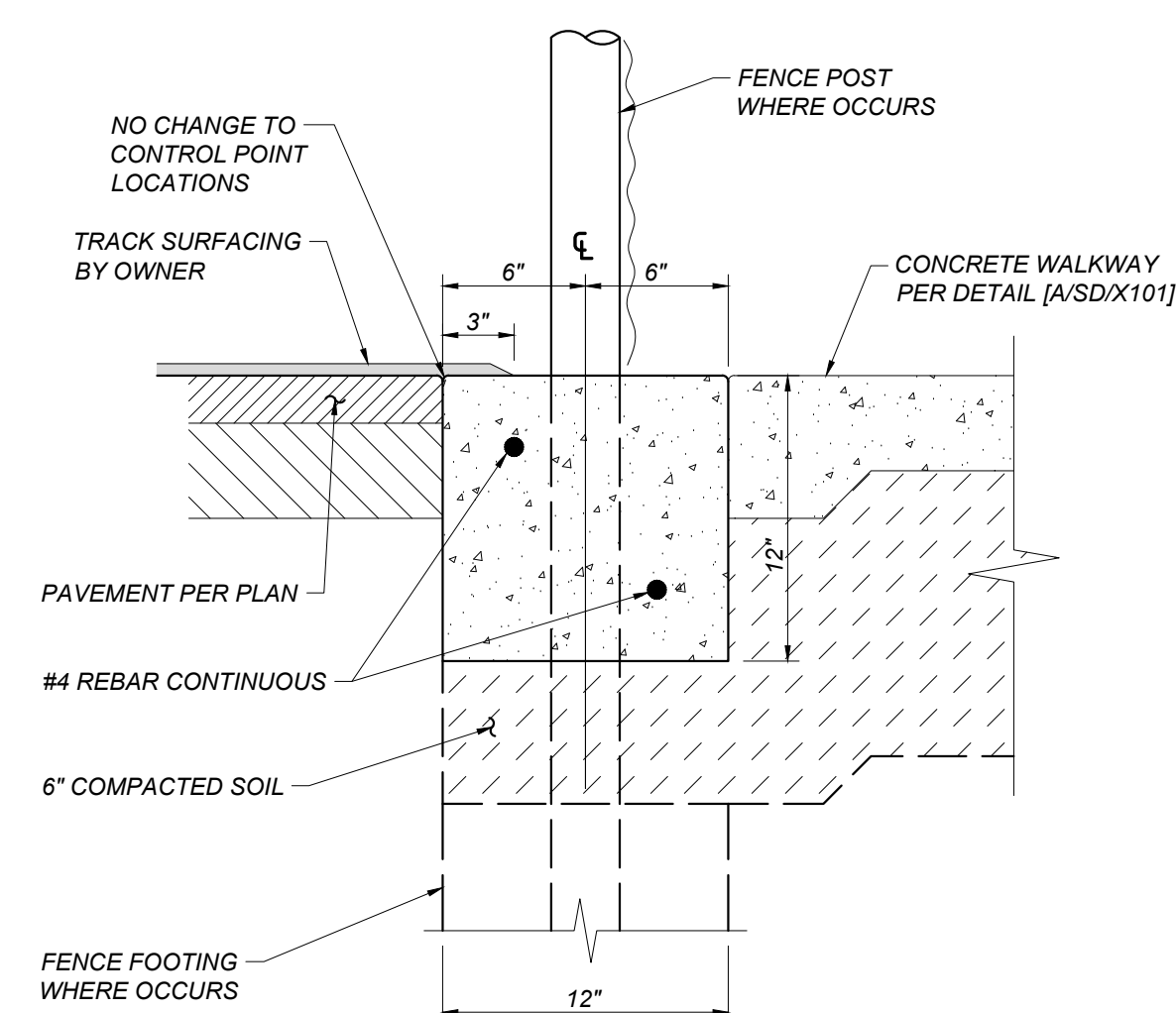


-

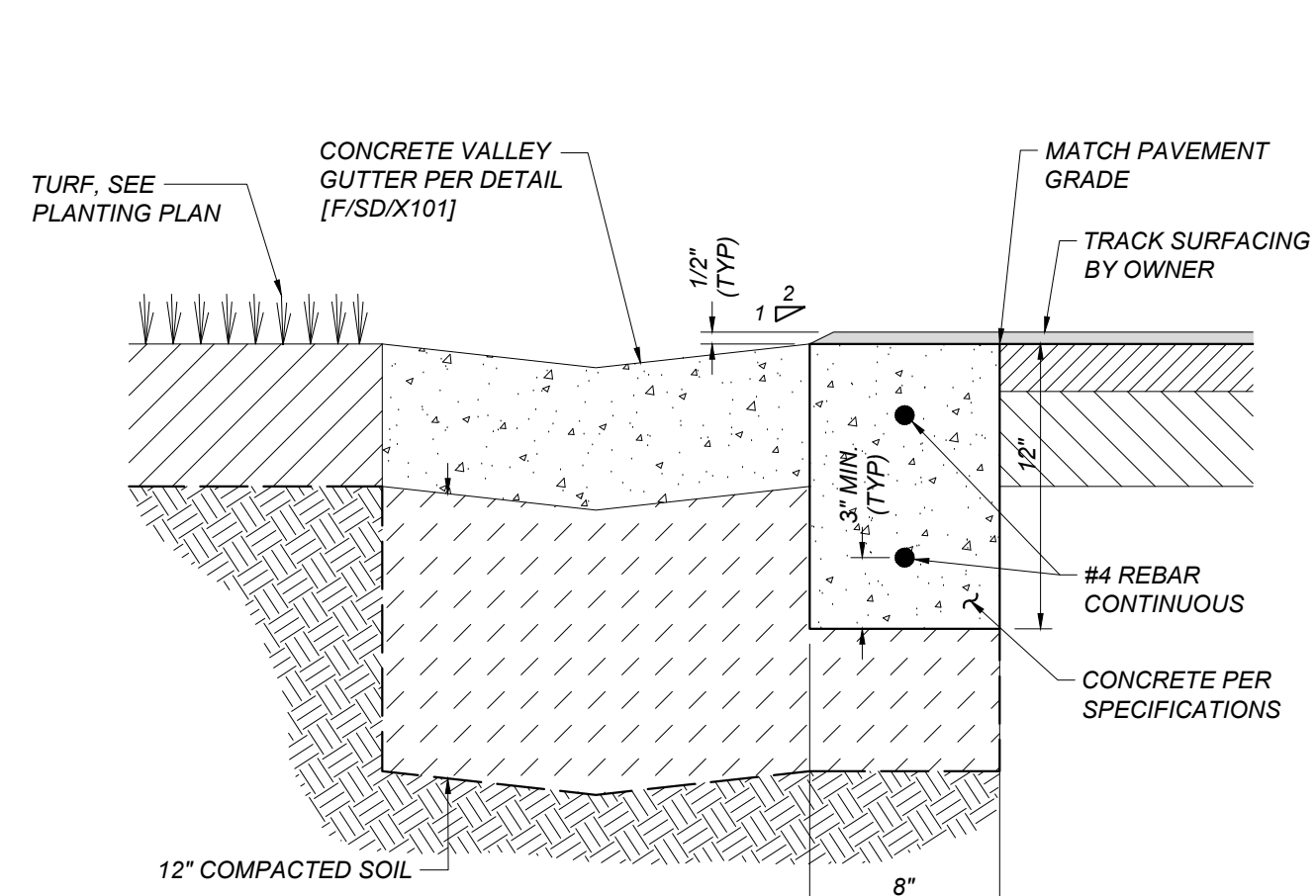
E ADJUST UTILITY LID
SD/X101 NOT TO SCALE



F CONCRETE VALLEY GUTTER
SD/X101 NOT TO SCALE



G CONCRETE HEADER OUTSIDE OF TRACK
SD/X101 NOT TO SCALE



ALL-WEATHER TRACK SECTION
NOT TO SCALE

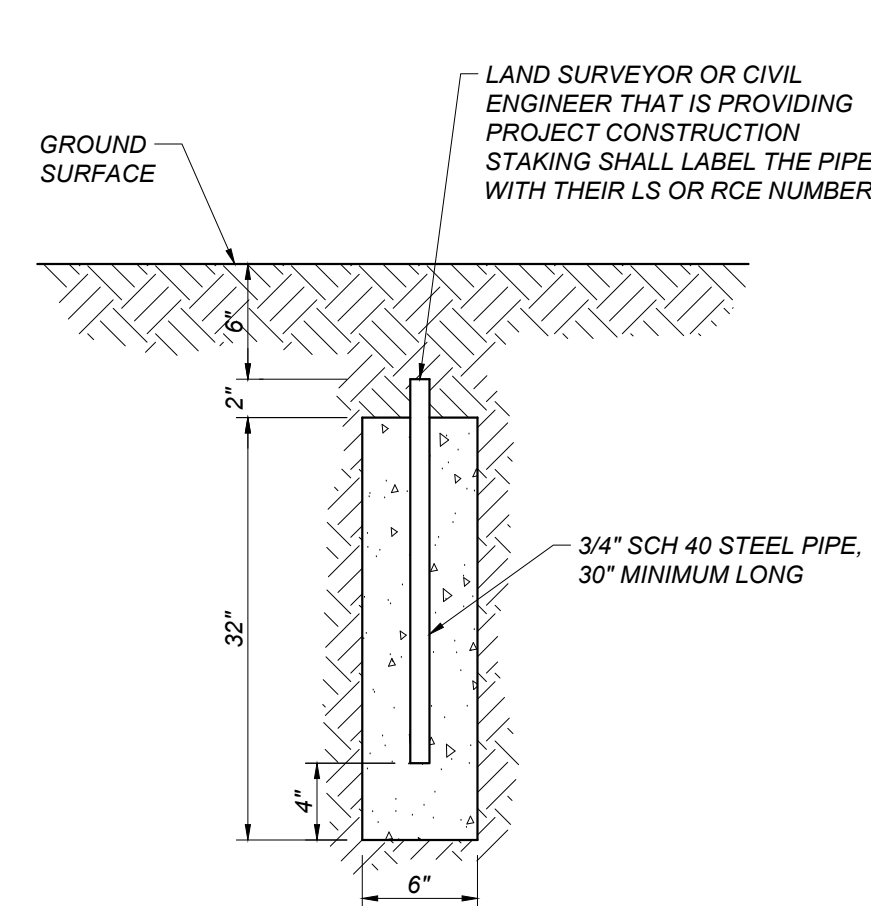


Diagram showing a circular track control point labeled J SD/X101. The text TRACK CONTROL POINT and NOT TO SCALE is present.

Agency Approval

Consultant 12/02/24
Date Signed

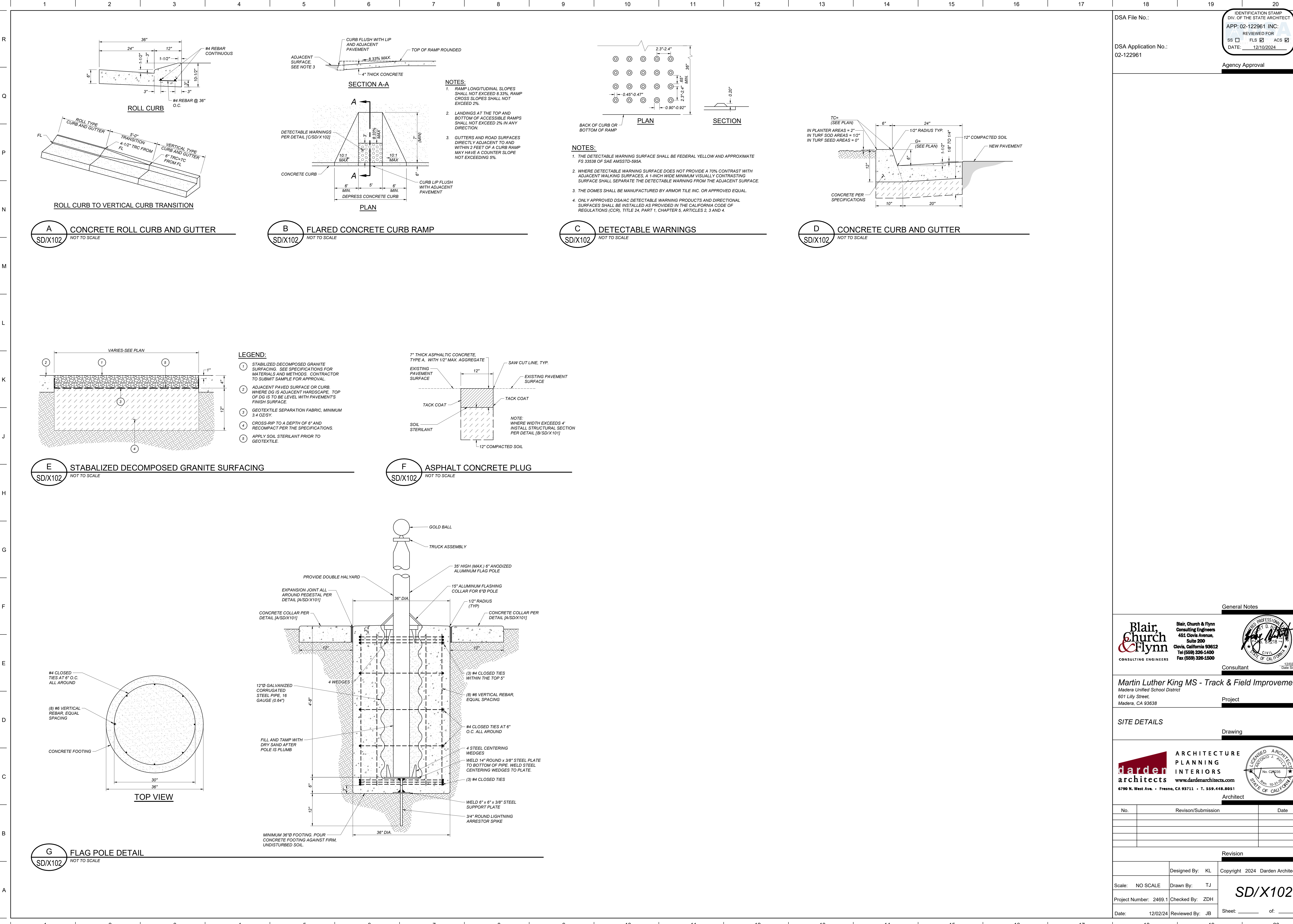
Drawing

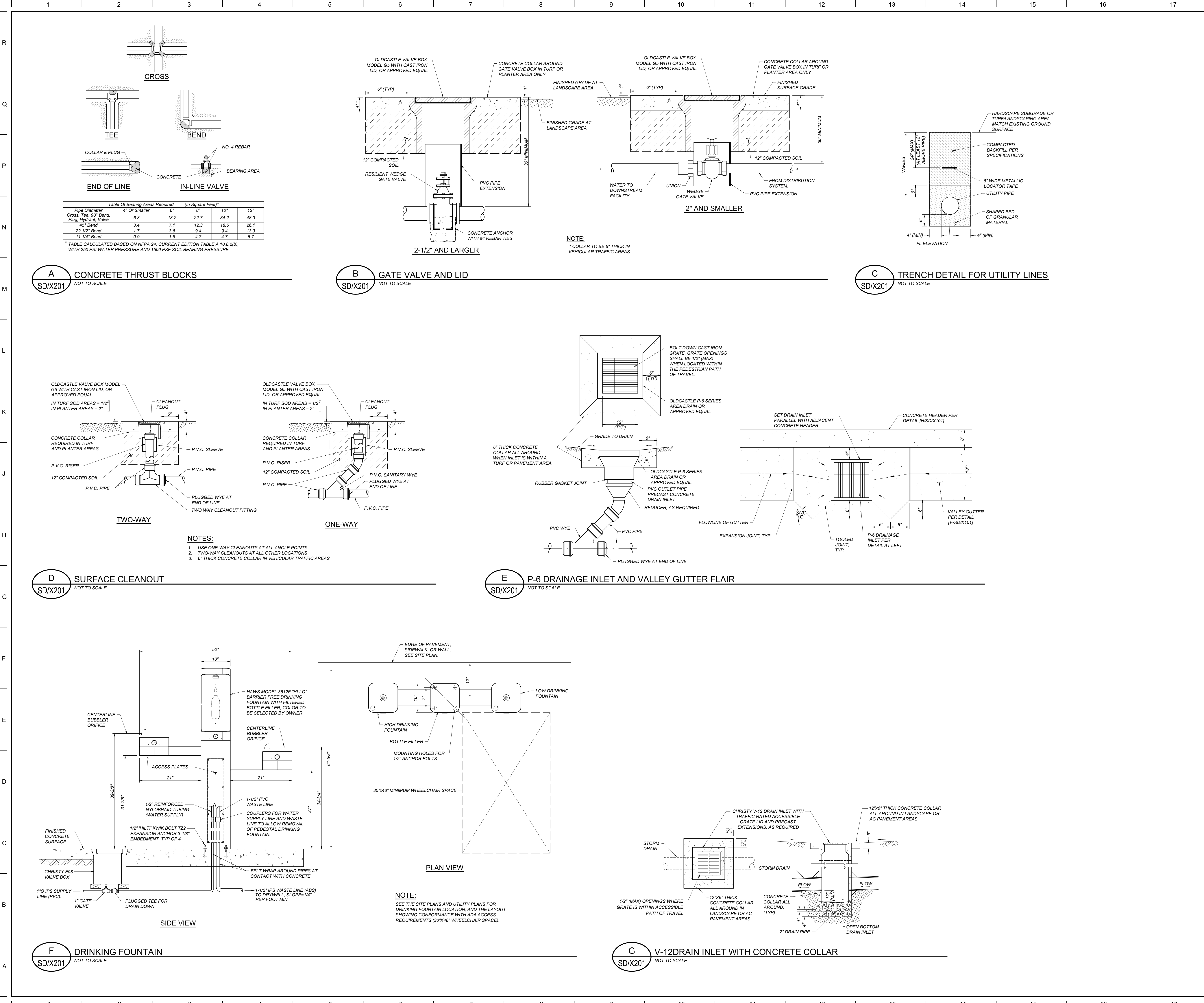
Architect

No.	Revision/Submission	Date

Revision

		Designed By: KL	Copyright 2024 Darden Architects
Scale: NO SCALE	Drawn By: TJ		<div style="font-size: 2em; font-weight: bold; text-align: center;">SD/X101</div>
Project Number: 2469.1	Checked By: ZDH		
Date: 12/2/24	Reviewed By: JB		
		Sheet: _____ of: _____	





DSA File No.: 02-122961

DSA Application No.: 02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

General Notes

Blair, Church & Flynn
CONSULTING ENGINEERS

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

CONSULTANT

12/02/24
Date Signed: [Signature]

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

UTILITY DETAILS

Drawing

ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

ARCHITECT

12/02/24
Date Signed: [Signature]

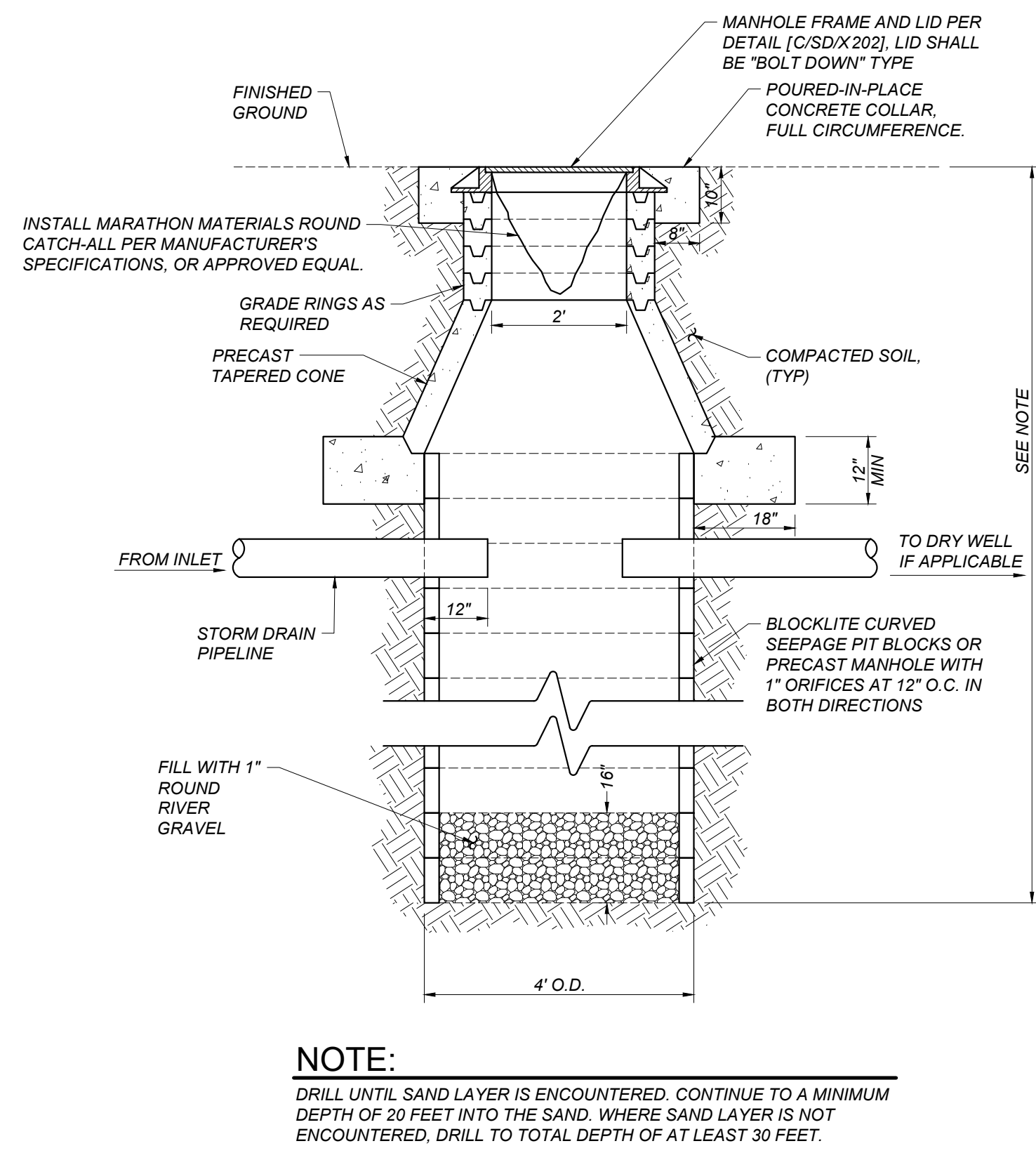
No.	Revision/Submission	Date

Revision

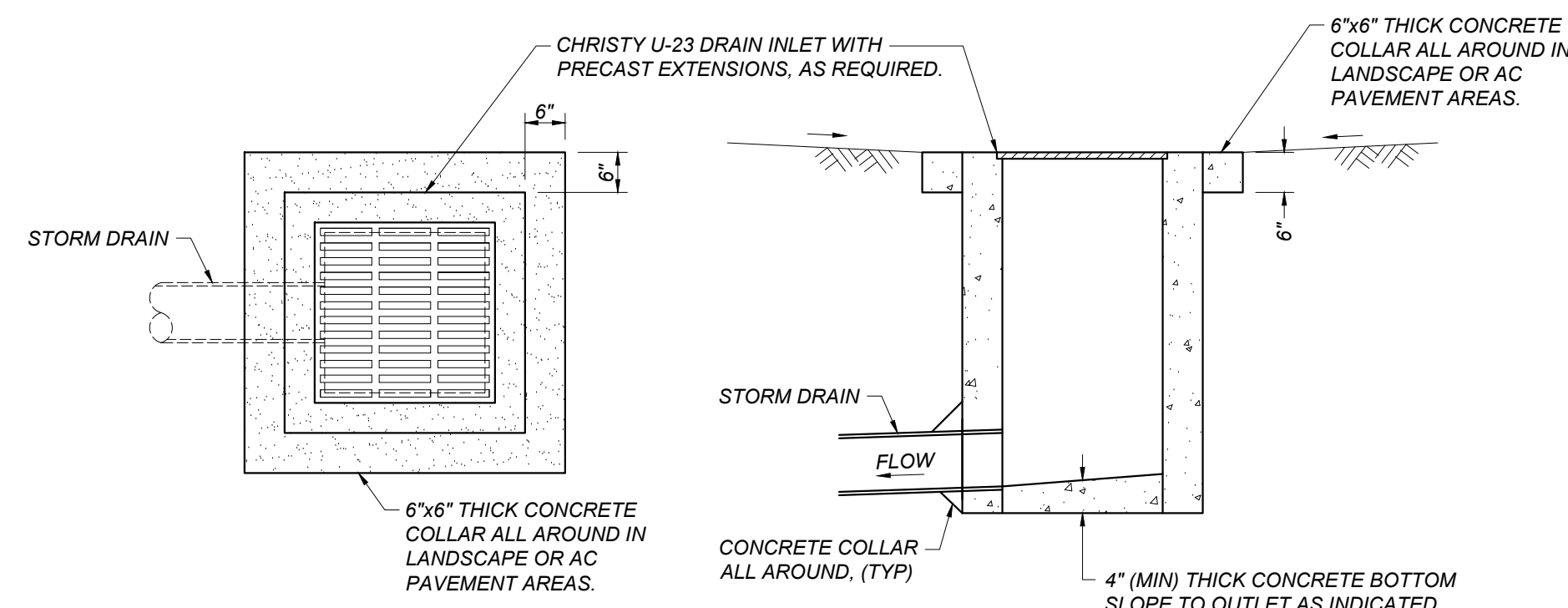
	Designed By: KL	Copyright 2024 Darden Architects
	Scale: 1" = 20'	Drawn By: TJ
	Project Number: 2469.1	Checked By: ZDH
	Date: 12/02/24	Reviewed By: JB

SD/X201

Sheet: _____ of: _____



B DRY WELL
SD/X202 NOT TO SCALE



D U-23 DRAIN INLET WITH CONCRETE COLLAR
SD/X202 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).
 4. IF THE DISTANCE BETWEEN THE FLOW LINE OF THE MANHOLE AND THE FINISH GRADE OF THE LID IS GREATER THAN OR EQUAL TO 12 FEET, THE MANHOLE IS TO BE CONSTRUCTED WITH STEPS.

- ### 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.

NOTE:
DRILL UNTIL SAND LAYER IS ENCOUNTERED. CONTINUE TO A MINIMUM DEPTH OF 20 FEET INTO THE SAND. WHERE SAND LAYER IS NOT ENCOUNTERED, DRILL TO TOTAL DEPTH OF AT LEAST 30 FEET.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

DSA File No.:

DSA Application No.:
02-122961

Agency Approval

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

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

UTILITY DETAILS

Drawing

darden
architects

ARCHITECTURE
PLANNING
INTERIORS

www.dardenarchitects.com

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051


Architect



Architec

No.	Revision/Submission	Date

Revision

	Designed By: KL	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: TJ	
Project Number: 2469.1	Checked By: ZDH	
Date: 12/02/24	Reviewed By: JB	
		Sheet: _____ of: _____



CHAIN LINK FENCE SIZING SCHEDULE - OPEN FABRIC

- OPEN FABRIC CHAIN LINK FENCE AND GATE LEGEND:

- | | | | |
|---|--|----|--|
| 1 | 1/8" X 3/4" GALVANIZED SL STRETCHER BAR | 10 | GALVANIZED STEEL PIPE SLEEVE FOR GATE DROP ROD |
| 2 | 9 GAUGE (0.148") GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 12" MAXIMUM SPACING. MINIMUM OF 8 TIE WIRES PER EACH 10' HORIZONTAL RAIL | 11 | LOCKABLE FORK LATCH PER SPECIFICATIONS |
| 3 | 6 GAUGE (0.192") DIAM GALVANIZED STEEL POST CLIPS AT 14" MAXIMUM SPACING. MINIMUM 3 POST CLIPS FOR EACH 4' POST. | 12 | CENTER GATE DROP POST AND LATCH |
| 4 | GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIAMETER TRUSS ROD | 13 | INSTALL GATE HOLDBACK FOR ALL GATES. |
| 5 | 3/8" DIAMETER GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS, END OR CORNER POST PANELS. | 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. |
| 6 | 1/8" THICK GALVANIZED STEEL STRETCHER BAR TENSION BAND AT 12" MAXIMUM SPACING. MINIMUM OF 4 TENSION BANDS FOR EACH 4' POST SECTOR. | 15 | 10" HIGH 1/8" THICK STEEL PLATES WELDED ON BOTH SIDES OF THE GATE AT BOTTOM FULL WIDTH OF THE GATE. THE NICK PLATE AND WELDS SHALL BE GALVANIZED FOR CORROSION RESISTANCE. |
| 7 | GALVANIZED RAIL ENDS. | 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 X3011 |
| 8 | CONCRETE FOOTING, TYPICAL. | | |
| 9 | HINGES PER THE SPECIFICATION. | | |

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 RAILS. 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 OWNERS' LOCKSET GATE HARDWARE AND KEYING SYSTEM FOR ALL KEYPED GATES.
5. WALK GATE POST SIZE LIMITED TO 4" FOOT WIDTH OR LESS. SEE DRIVE GATE SIZING FOR LARGER LEAF WIDTHS.
6. DOUBLE TRUSS RODS ARE REQUIRED IN PANELS ADJUNCT TO GATE POSTS AND AT ALL FENCE CORNERS AND END PANELS.
7. GATE CORNERS AND SUPPORT POINTS SHALL BE FASTENED TOGETHER AND REINFORCED WITH 1" X 4" LEAFLEAF WITH 1" MINIMUM RADIUS FOR THAT PURPOSE. WELDED CONNECTIONS WILL NOT BE ALLOWED.
8. TACK WELD ALL GATE HINGES AND LATCH COLLARS TO POSTS.
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 HOOKBACK FOR EACH GATE. HOOKBACK 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 THE INSIDE OF THE GATES SHALL COMPLY CBC SECTION 11B-404.2.7. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM TO 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. THE MAXIMUM FORCE TO ACTIVATE OPERABLE PARTS SHALL BE 5LBS PER CBC 11B-404.2.8.
 - B. SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND, UNLESS OTHERWISE VERTICALLY SMOOTH, HAVE A SMOOTH SURFACE ON BOTH SIDES EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. ALL GATES SHALL BE HORIZONTAL ON VERTICAL JOINTS. IN THESE SURFACES SHALL BE WITHIN 1/16" INCH OF THE SAME FINISH AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.
 - C. CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES THE TIME REQUIRED TO CLOSE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 15 SECONDS MINIMUM PER CBC 11B-404.2.1.
 - D. GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A CLOSED POSITION IS 15 SECONDS MINIMUM PER CBC 11B-404.2.2.
 - E. ACCESSIBLE GATE SHALL HAVE A MINIMUM CLEAR OPENING OF 30 INCHES AND A MAXIMUM CLEAR OPENING OF 48 INCHES PER CBC 11B-404.2.3
 - F. THE MAXIMUM FORCE TO PUSH OR PULL OPEN A GATE SHALL BE 5 LBS (11B-404.2.9)
12. CHAIN LINK FENCING AND GATES ARE EXEMPT FROM OSA STRUCTURAL SAFETY APPROVAL PER ADA IN R-22



A CHAIN LINK FENCE AND GATES

SD/X301

NOT TO SCALE

B ACCESSIBLE LATCH

SD/X301

NOT TO SCALE

FENCE AND ROLL GATE ITEMS:

- ① 2-7/8" O.D. GALVANIZED STEEL POST (5.79 lbs/sf)
- ② 2-3/8" O.D. GALVANIZED STEEL LINE POST (3.65 lbs/sf)
- ③ 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lbs/sf)
- ④ 1-5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL
(2.28 lbs/sf)
- ⑤ 2" X 2" MESH X GAUGE GALVANIZED FENCE FABRIC
WITH KNUCKLED TOP AND BOTTOM SELVAGE
GALVANIZED BEFORE WEAVING. (GBW)
- ⑥ 1/4" X 3/4" GALVANIZED STEEL STRETCHER BAR
- ⑦ 9 GAUGE (0.148" DIA.) GALVANIZED STEEL TIE WIRES
OR HOUSING RAIL 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



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



NOT TO SCALE



C ROLL GATE INSTALLATION

SD/X301

NOT TO SCALE

D ROLL GATE GROUND WHEEL ASSEMBLY

SD/X301

NOT TO SCALE

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

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

FENCE DETAILS

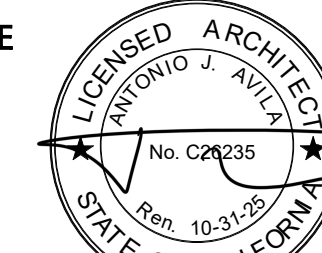
Drawing

darden
architects

ARCHITECTURE
PLANNING
INTERIORS

www.dardenarchitects.com

6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051



Architec

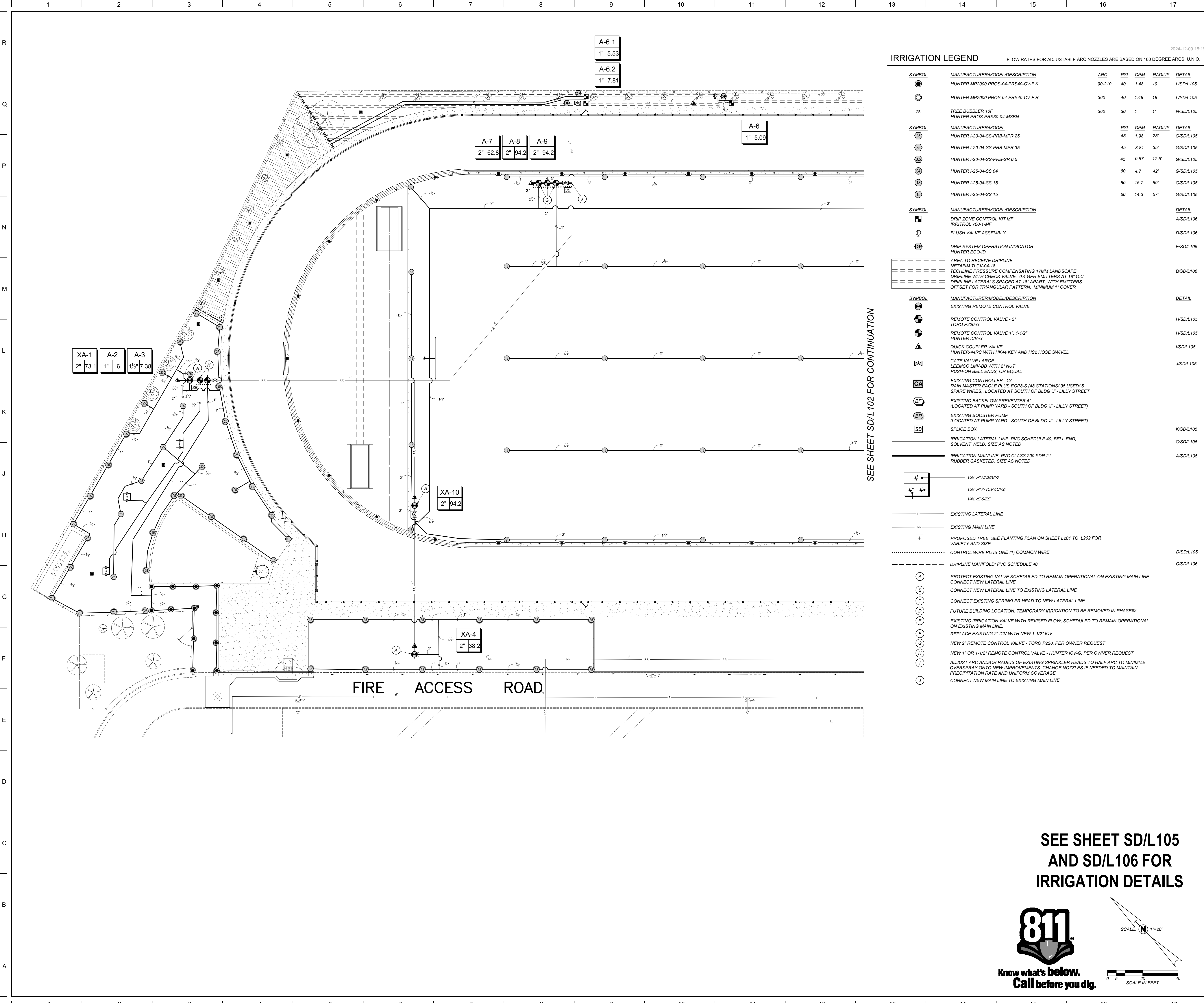
No.	Revision/Submission	Date

Revision

	Designed By: KL	Copyright 2024 Darden Architects
Scale: NO SCALE	Drawn By: TJ	
Project Number: 2469.1	Checked By: ZDH	
Date: 12/02/24	Reviewed By: JB	
		Sheet: _____ of: _____

SD/X301

Sheet: of:



IRRIGATION LEGEND

FLOW RATES FOR ADJUSTABLE ARC NOZZLES ARE BASED ON 180 DEGREE ARCS, U.N.O.						
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
●	HUNTER MP2000 PROS-04-PRS40-CV-F K	90-210	40	1.48	19'	L/SD/L105
○	HUNTER MP2000 PROS-04-PRS40-CV-F R	360	40	1.48	19'	L/SD/L105
xx	TREE BUBBLER 10"	360	30	1	1'	N/SD/L105
SYMBOL	MANUFACTURER/MODEL	PSI	GPM	RADIUS	DETAIL	
⊗	HUNTER I-20-04-SS-PRB-MPR 25	45	1.98	25'	G/SD/L105	
⊗	HUNTER I-20-04-SS-PRB-MPR 35	45	3.81	35'	G/SD/L105	
⊗	HUNTER I-20-04-SS-PRB-SR 0.5	45	0.57	17.5'	G/SD/L105	
⊗	HUNTER I-25-04-SS 04	60	4.7	42'	G/SD/L105	
⊗	HUNTER I-25-04-SS 18	60	15.7	59'	G/SD/L105	
⊗	HUNTER I-25-04-SS 15	60	14.3	57'	G/SD/L105	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION					DETAIL
■	DRIP ZONE CONTROL KIT MF					A/SD/L106
□	IRRITROL 700-1-MF					D/SD/L106
○	FLUSH VALVE ASSEMBLY					D/SD/L106
○	DRIP SYSTEM OPERATION INDICATOR					E/SD/L106
○	HUNTER ECO-ID					
	AREA TO RECEIVE DRIPLINE					
	NETAFIM TLCV-04-18					
	TECHLINE PRESSURE COMPENSATING 17MM LANDSCAPE					B/SD/L106
	DRIPLINE WITH CHECK VALVE, 0.4 GPM EMITTERS AT 18" O.C.					
	DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS					
	OFFSET FOR TRIANGULAR PATTERN, MINIMUM 1" COVER					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION					DETAIL
○	EXISTING REMOTE CONTROL VALVE					
○	REMOTE CONTROL VALVE - 2"					H/SD/L105
○	TORO P220-G					
○	REMOTE CONTROL VALVE 1", 1-1/2"					H/SD/L105
○	HUNTER ICV-G					
○	QUICK COUPLER VALVE					I/SD/L105
○	HUNTER-44RC WITH HK44 KEY AND HS2 HOSE SWIVEL					
○	GATE VALVE LARGE					
○	LEEMCO LMV-BB WITH 2" NUT					J/SD/L105
○	PUSH-ON BELL ENDS, OR EQUAL					
CA	EXISTING CONTROLLER - CA					
	RAIN MASTER EAGLE PLUS EGP8-S (48 STATIONS/ 35 USED/ 5					
	SPARE WIRES), LOCATED AT SOUTH OF BLDG 'J' - LILLY STREET					
BF	EXISTING BACKFLOW PREVENTER 4"					
	(LOCATED AT PUMP YARD - SOUTH OF BLDG 'J' - LILLY STREET)					
BP	EXISTING BOOSTER PUMP					
	(LOCATED AT PUMP YARD - SOUTH OF BLDG 'J' - LILLY STREET)					
SB	SPURCE BOX					K/SD/L105
IRRIGATION LATERAL LINE, PVC SCHEDULE 40, BELL END, SOLVENT WELD, SIZE AS NOTED						C/SD/L105
IRRIGATION MAINLINE, PVC CLASS 200 SDR 21 RUBBER GASKETED, SIZE AS NOTED						A/SD/L105
#	VALVE NUMBER					
#	VALVE FLOW (GPM)					
#	VALVE SIZE					
EXISTING LATERAL LINE						
EXISTING MAIN LINE						
+	PROPOSED TREE, SEE PLANTING PLAN ON SHEET L201 TO L202 FOR VARIETY AND SIZE					
.....	CONTROL WIRE PLUS ONE (1) COMMON WIRE					D/SD/L105
----	DRIPLINE MANIFOLD, PVC SCHEDULE 40					C/SD/L106
A	PROTECT EXISTING VALVE SCHEDULED TO REMAIN OPERATIONAL ON EXISTING MAIN LINE. CONNECT NEW LATERAL LINE.					
B	CONNECT NEW LATERAL LINE TO EXISTING LATERAL LINE					
C	CONNECT EXISTING SPRINKLER HEAD TO NEW LATERAL LINE.					
D	FUTURE BUILDING LOCATION, TEMPORARY IRRIGATION TO BE REMOVED IN PHASE2.					
E	EXISTING IRRIGATION VALVE WITH REVISED FLOW, SCHEDULED TO REMAIN OPERATIONAL ON EXISTING MAIN LINE.					
F	REPLACE EXISTING 2" ICV WITH NEW 1-1/2" ICV					
G	NEW 2" REMOTE CONTROL VALVE - TORO P220, PER OWNER REQUEST					
H	NEW 1" OR 1-1/2" REMOTE CONTROL VALVE - HUNTER ICV-G, PER OWNER REQUEST					
I	ADJUST ARC AND/OR RADIUS OF EXISTING SPRINKLER HEADS TO HALF ARC TO MINIMIZE OVERSPRAY ONTO NEW IMPROVEMENTS. CHANGE NOZZLES IF NEEDED TO MAINTAIN PRECIPITATION RATE AND UNIFORM COVERAGE					
J	CONNECT NEW MAIN LINE TO EXISTING MAIN LINE					

DSA File No.: 02-122961

DSA Application No.: 02-122961

Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

SD/L101

SD/L102

SD/L103

KEYMAP

General Notes

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

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street, Madera, CA 93638

PARTIAL IRRIGATION PLAN

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

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

SCALE: 1"=20'
SCALE IN FEET

No.

Revision/Submission

Date

100% CONSTRUCTION DRAWINGS

Revision

Designed By: KC

Copyright 2024 Darden Architects

Drawn By: KC

Project Number: 2469.1

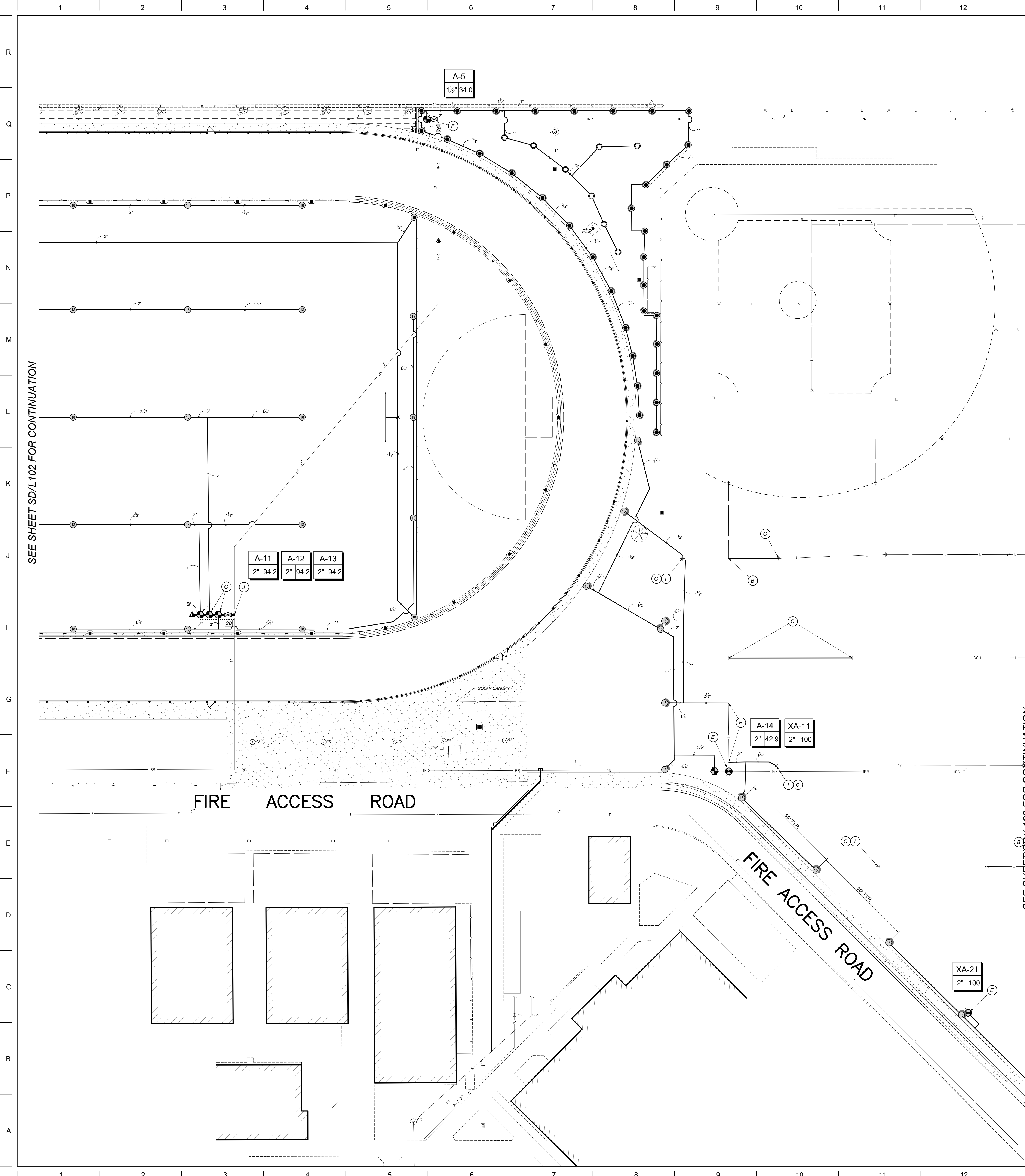
Checked By: DWB

Date: 12/02/24












Reviewed By: JB

SD/L101

Sheet: _____ of: _____



IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
	HUNTER MP2000 PROS-04-PRS40-CV-F K	90-210	40	1.48	19'	L/SD/L105
	HUNTER MP2000 PROS-04-PRS40-CV-F R	360	40	1.48	19'	L/SD/L105
xx	TREE BUBBLER 10F HUNTER PROS-PRS30-04-MSBN	360	30	1	1'	N/SD/L105
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS	DETAIL	
	HUNTER I-20-04-SS-PRB-MPR 25	45	1.98	25'	G/SD/L105	
	HUNTER I-20-04-SS-PRB-MPR 35	45	3.81	35'	G/SD/L105	
	HUNTER I-20-04-SS-PRB-SR 0.5	45	0.57	17.5'	G/SD/L105	
	HUNTER I-25-04-SS 04	60	4.7	42'	G/SD/L105	
	HUNTER I-25-04-SS 18	60	15.7	59'	G/SD/L105	
	HUNTER I-25-04-SS 15	60	14.3	57'	G/SD/L105	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL				
	DRIP ZONE CONTROL KIT MF IRRITROL 700-1-MF	A/SD/L106				
	FLUSH VALVE ASSEMBLY	D/SD/L106				
	DRIP SYSTEM OPERATION INDICATOR HUNTER ECO-ID	E/SD/L106				
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><</div>						

DSA File No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC.
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024
Agency Approval

DSA Application No.:
02-122961

SEE SHEET SD/L105
AND SD/L106 FOR
IRRIGATION DETAILS

KEYMAP

General Notes

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

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

PARTIAL IRRIGATION PLAN

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

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

SCALE: 1" = 20'

0 20 40
SCALE IN FEET

No. Revision/Submission Date

100% CONSTRUCTION DRAWINGS Revision

Designed By: KC Copyright 2024 Darden Architects

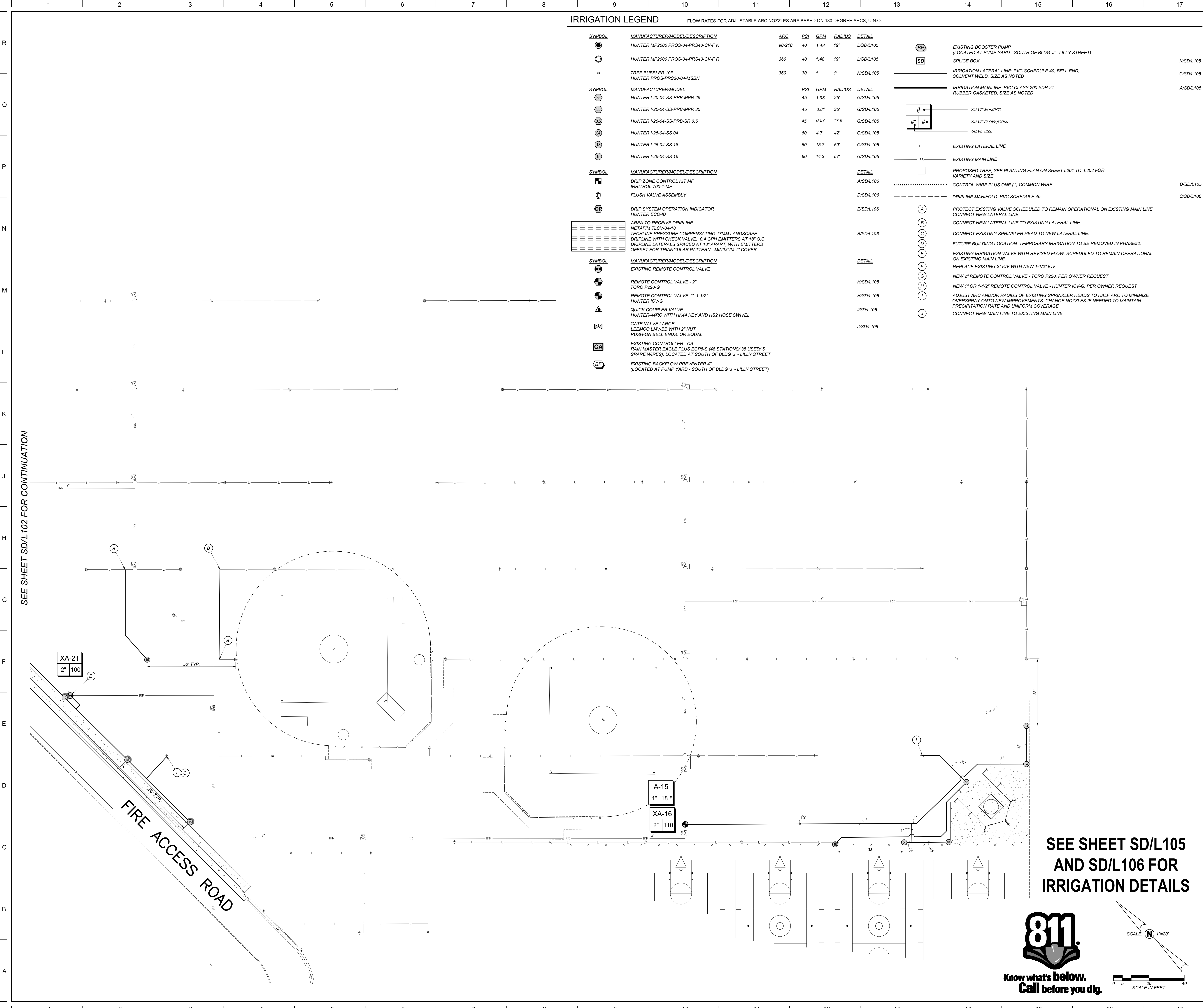
Drawn By: KC

Project Number: 2469.1 Checked By: DWB

Date: 12/02/24 Reviewed By: JB

SD/L102

Sheet: of:



DSA File No.: 02-122961

DSA Application No.: 02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

SEE SHEET SD/L105
AND SD/L106 FOR
IRRIGATION DETAILS

KEYMAP

General Notes

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

Consultant

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL IRRIGATION PLAN

Drawing

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

Architect

No.	Revision/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC	
Project Number: 2469.1	Checked By: DWB	SD/L103
Date: 12/02/24	Reviewed By: JB	Sheet: of:

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

SCALE: 1"=20'

SCALE IN FEET

SEE SHEET SD/L105
AND SD/L106 FOR
IRRIGATION DETAILS

Drawing: P:\2024\0206\Site\production\drawings\20240601.dwg, L103 - 8C2.dwg
Plot by: J. Johnson, Dec 10, 2024, 1:38pm

CONTRACTOR SPECIAL IRRIGATION NOTES:

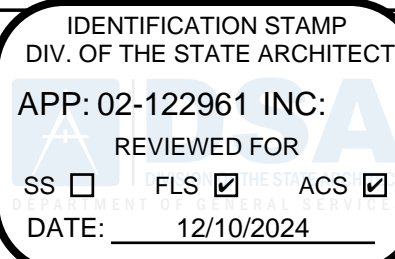
- THE CONTRACTOR SHALL PERFORM AN OPERATIONAL ASSESSMENT OF THE EXISTING IRRIGATION SYSTEM WITHIN THE AREA OF WORK WITH THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING PLANTING SCHEDULED TO REMAIN SHALL CONTINUE TO BE IRRIGATED 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.
- 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.
- THE ORIGINAL IRRIGATION SYSTEM OBSERVATION LOG SHALL BE MAINTAINED ON THE AS-BUILT RECORD DRAWING SET.
- 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.
- 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.

GENERAL IRRIGATION NOTES:

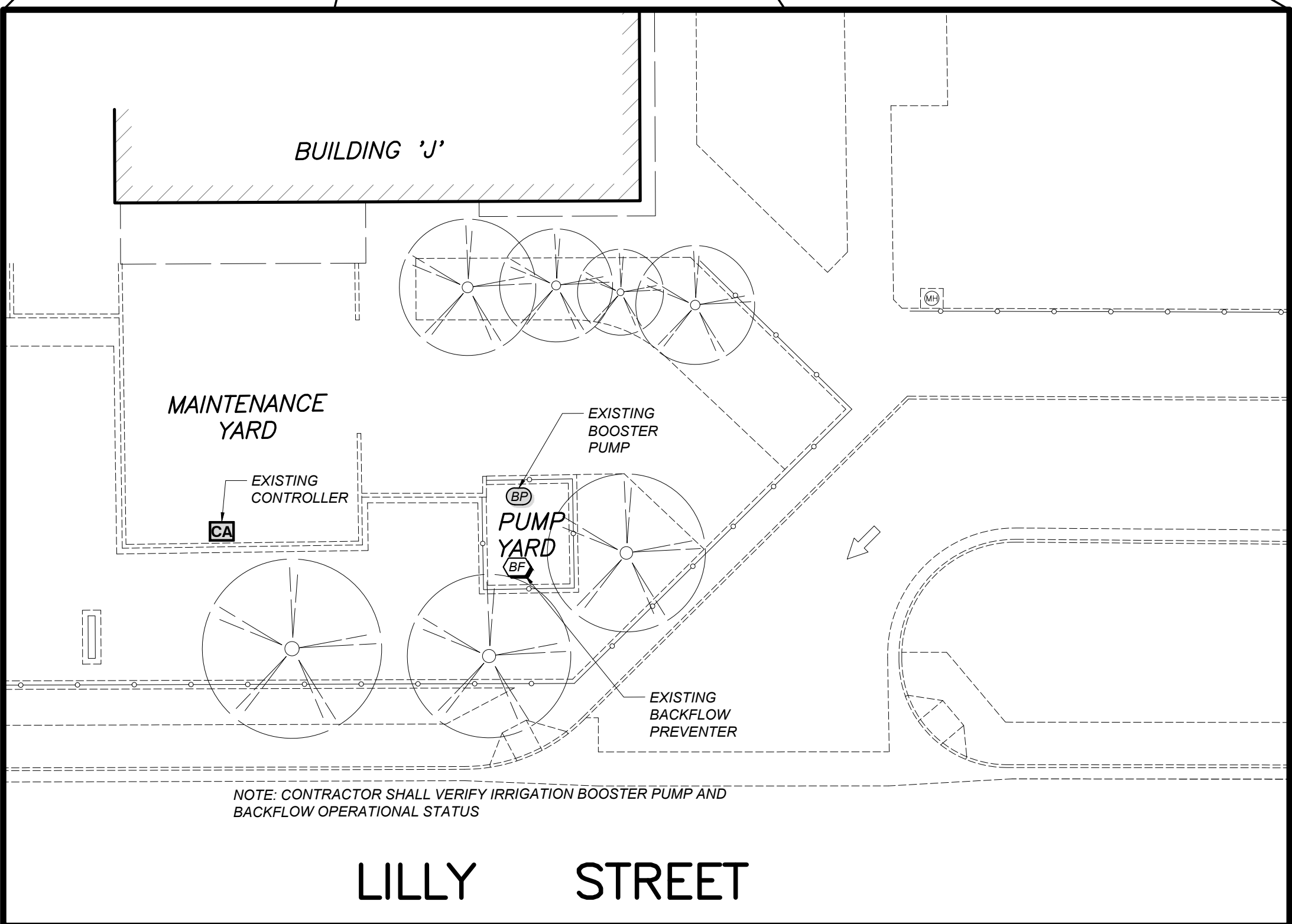
- ALL ITEMS IN THE LEGEND ARE TO BE FURNISHED AND INSTALLED, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL FURNISH THE ARTICLES, EQUIPMENT, MATERIALS OR PROCESSES SPECIFIED BY NAME. NO SUBSTITUTION WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE DESIGN ENGINEER. (ALL MATERIAL REQUIRED SHALL BE NEW AND OF THE BEST QUALITY AVAILABLE)
- 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.
- 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.
- 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 SYSTEMS OPERATIONAL.
- 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 CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGED UTILITIES CAUSED BY CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL DIMENSIONS SHOWN AND TO ADJUST SAID DIMENSIONS TO FIT SITE CONDITIONS AND ACTUAL EQUIPMENT INSTALLED.
- 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.
- THE IRRIGATION PLAN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND HEADS SHALL BE LOCATED IN PLANTING AREAS WHENEVER POSSIBLE.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- CONTRACTOR SHALL SAWCUT TO EXISTING JOINTS. REMOVE AND REPLACE SURFACING (CONCRETE, ASPHALT) AS NECESSARY TO INSTALL THE IRRIGATION SYSTEM.
- 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.
- 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 HARDCAPE, PAVEMENT AND/OR STRUCTURES.
- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL PROVIDE TWO (2) INDIVIDUALLY BOUND SETS OF OPERATION AND MAINTENANCE MANUALS. THE MANUAL SHALL CONTAIN THE FOLLOWING INFORMATION:
 - CONTRACTOR'S ADDRESS AND PHONE NUMBER
 - DURATION OF GUARANTEE PERIOD (ONE YEAR AFTER FINAL ACCEPTANCE)
 - NAMES, ADDRESSES AND PHONE NUMBERS OF LOCAL MANUFACTURER REPRESENTATIVES
 - COMPLETE SET OF MANUFACTURER'S LITERATURE AND SPECIFICATIONS
 - COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL MAJOR EQUIPMENT
 - ISSUE A "CERTIFICATE OF COMPLIANCE" WHICH STATES THAT ALL WORK DONE AND MATERIALS AND EQUIPMENT USED ARE IN CONFORMANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND ALL AUTHORIZED REVISIONS.
- INITIAL ELECTRICAL DATA ON EACH VALVE:
 - OHMS READINGS FOR EACH VALVE TAKEN AT THE CONTROLLER.
 - VOLTAGE READING FOR EACH VALVE TAKEN BOTH AT THE CONTROLLER AND AT THE VALVE.
- THE CONTRACTOR SHALL PROVIDE TWO SETS OF CONTROLLER CHARTS, THE CHARTS TO BE A REDUCED DRAWING OF THE ACTUAL PLAN. THE CHARTS SHALL BE COLORED WITH A DIFFERENT COLOR FOR EACH IRRIGATION CIRCUIT. THE CHARTS SHALL BE COVERED IN A WATERTIGHT ENVELOPE.
- 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.
- 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.

DSA File No.:

DSA Application No.:
02-122961



Agency Approval



A
SD/L104
SCALE: 1" = 20'

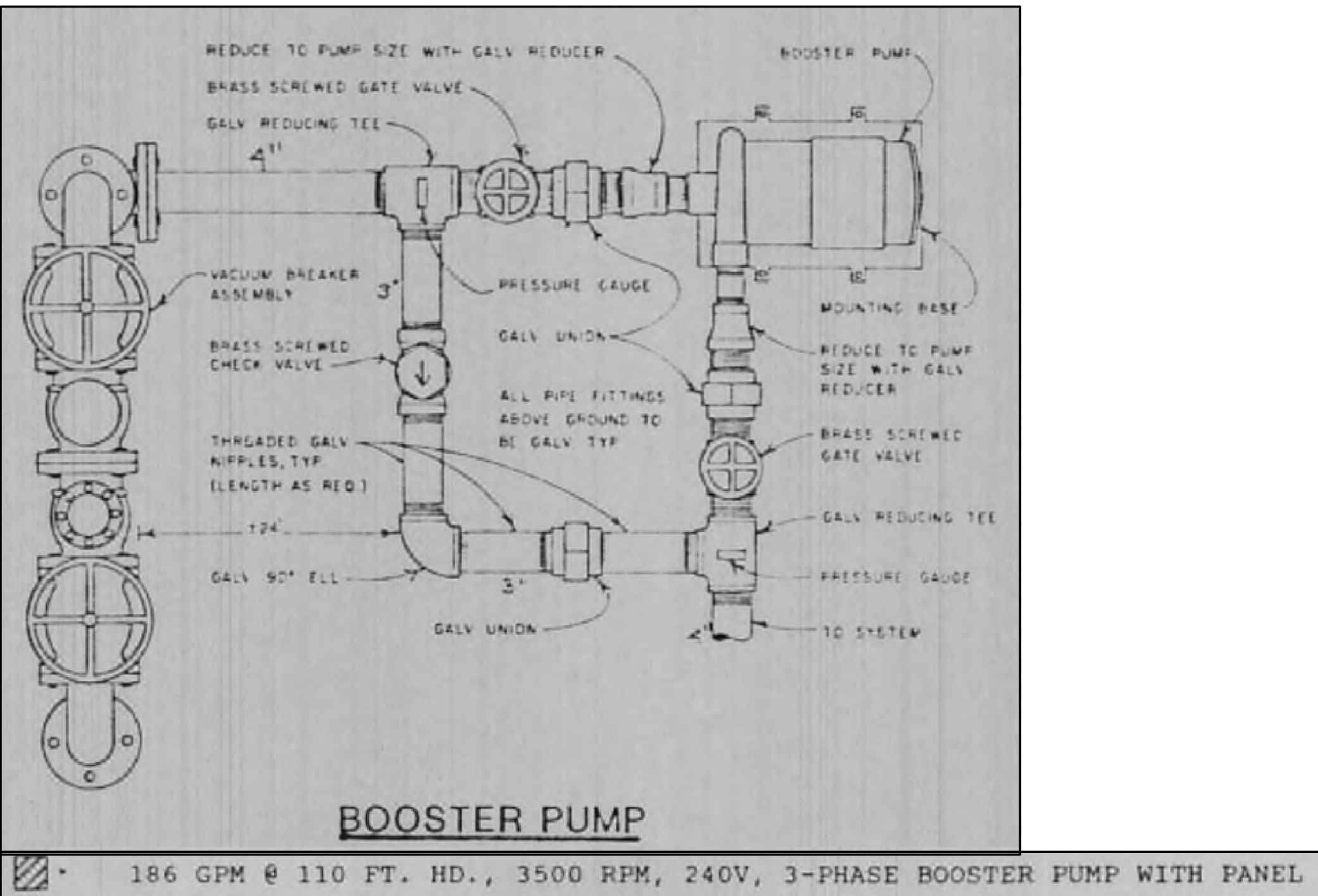
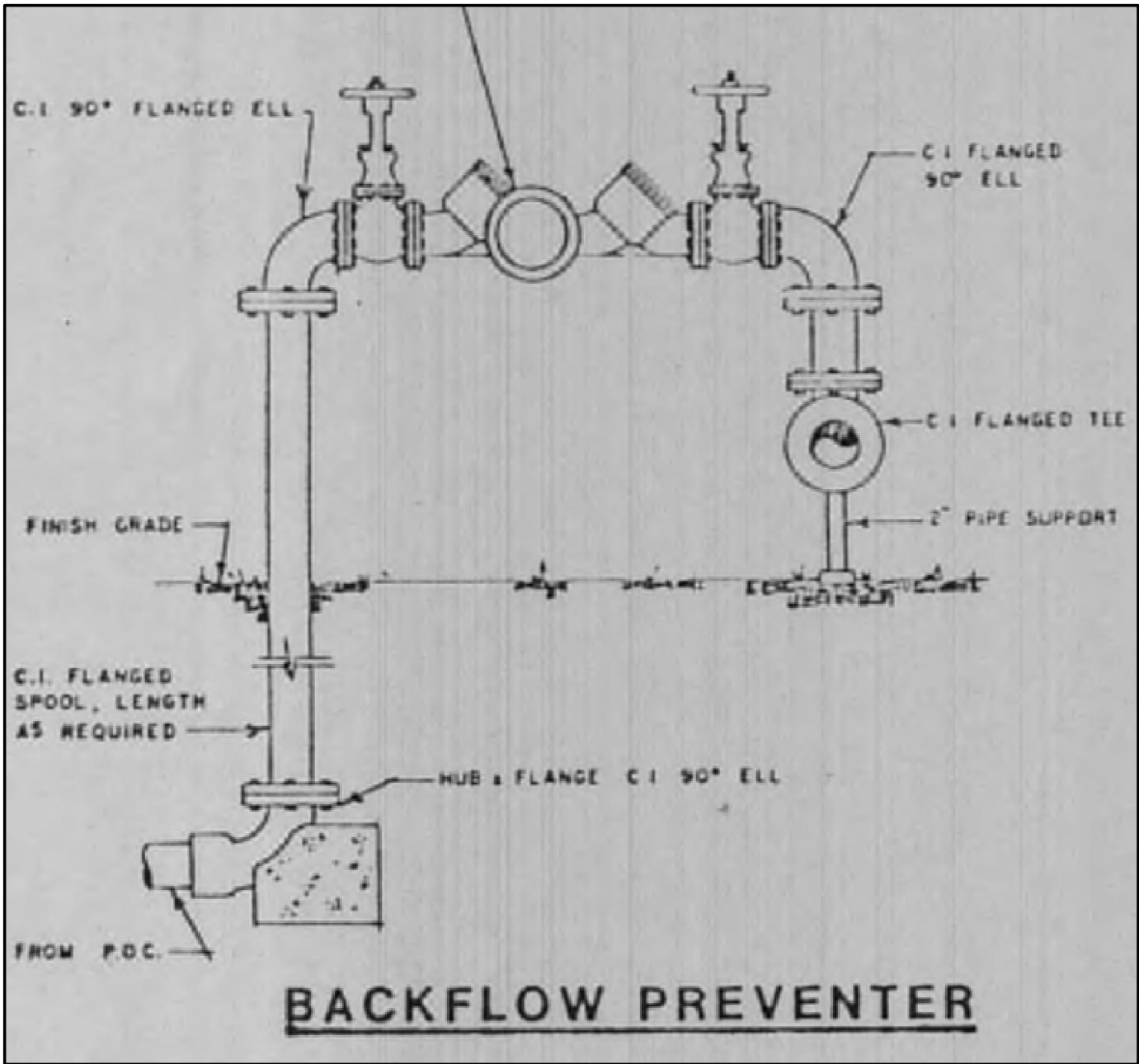
WATER CONSERVATION COMPLIANCE STATEMENT:

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
DAVID W. BRILEY, 2787

IRRIGATION SYSTEM OBSERVATION LOG				
ITEM NO.	WORK ITEM DESCRIPTION	REVIEWED & ACCEPTED BY OWNER'S REPRESENTATIVE		DATE
		PRINT NAME	SIGNATURE	
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	N/A	N/A	
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.

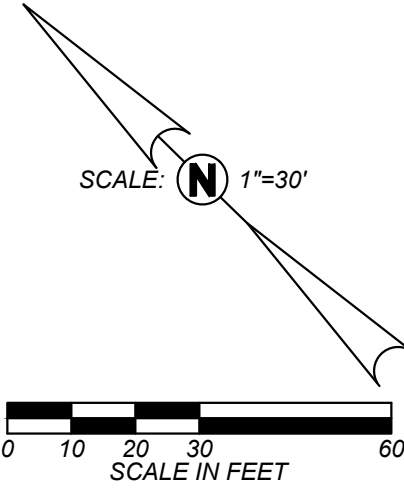


BOOSTER PUMP PARAMETERS:

LOCATED AT PUMP YARD

SUPPLY PIPE SIZE: 4"
DISCHARGE PIPE SIZE: 4"
DISCHARGE PRESSURE: 47.7 PSI (110 FT OF HEAD)
ELECTRICAL SERVICE: 240 VAC
60HZ, 3 PHASE
PUMP ACTIVATION: CONTROLLER PROGRAM ACTIVATION
WITH PUMP START RELAY

SEE SHEET SD/L101
TO SD/L103 FOR
IRRIGATION PLAN



Blair, Church & Flynn
CONSULTING ENGINEERS

Blair, Church & Flynn
Consulting Engineers
4611 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

PUMP YARD & NOTES

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

General Notes

Consultant

Project

Drawing

Architect

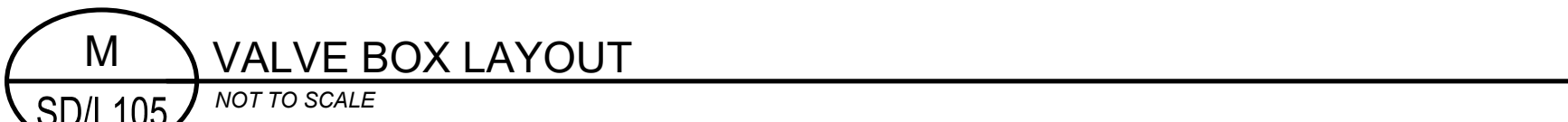
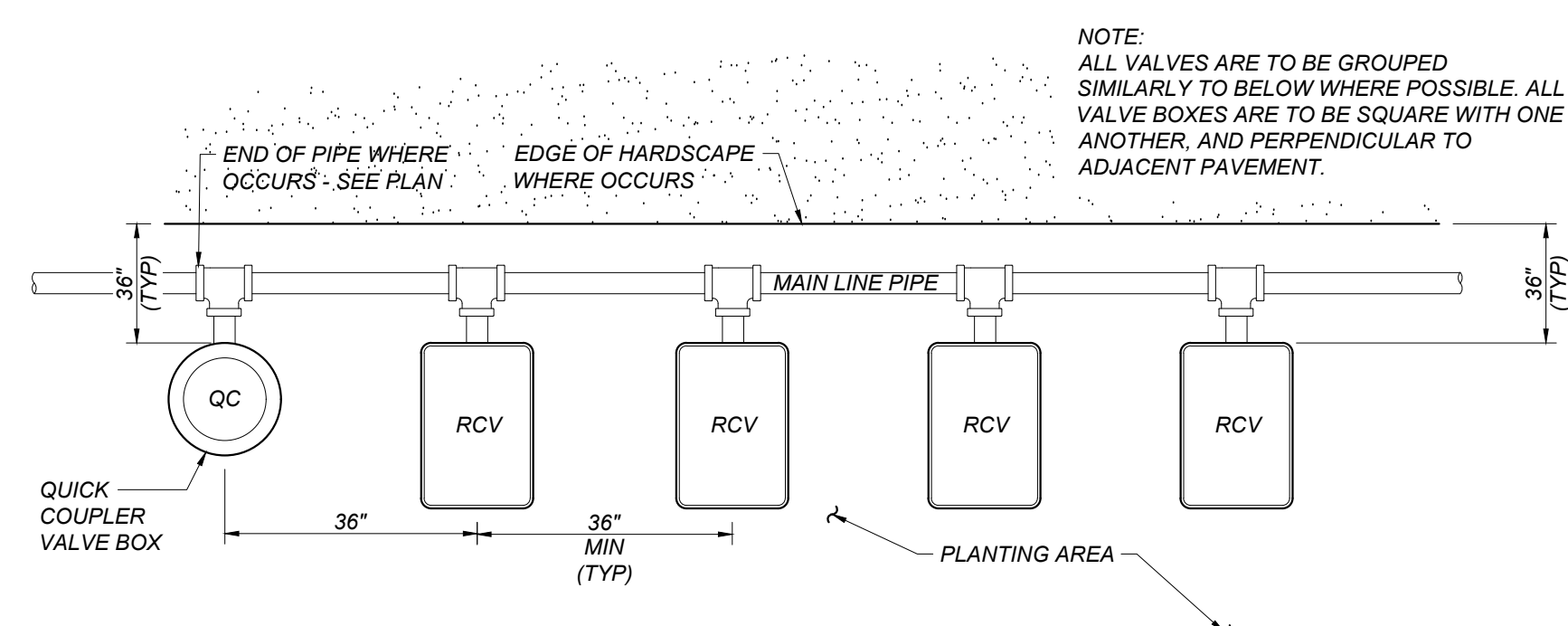
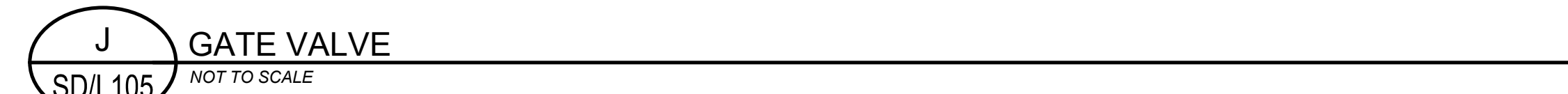
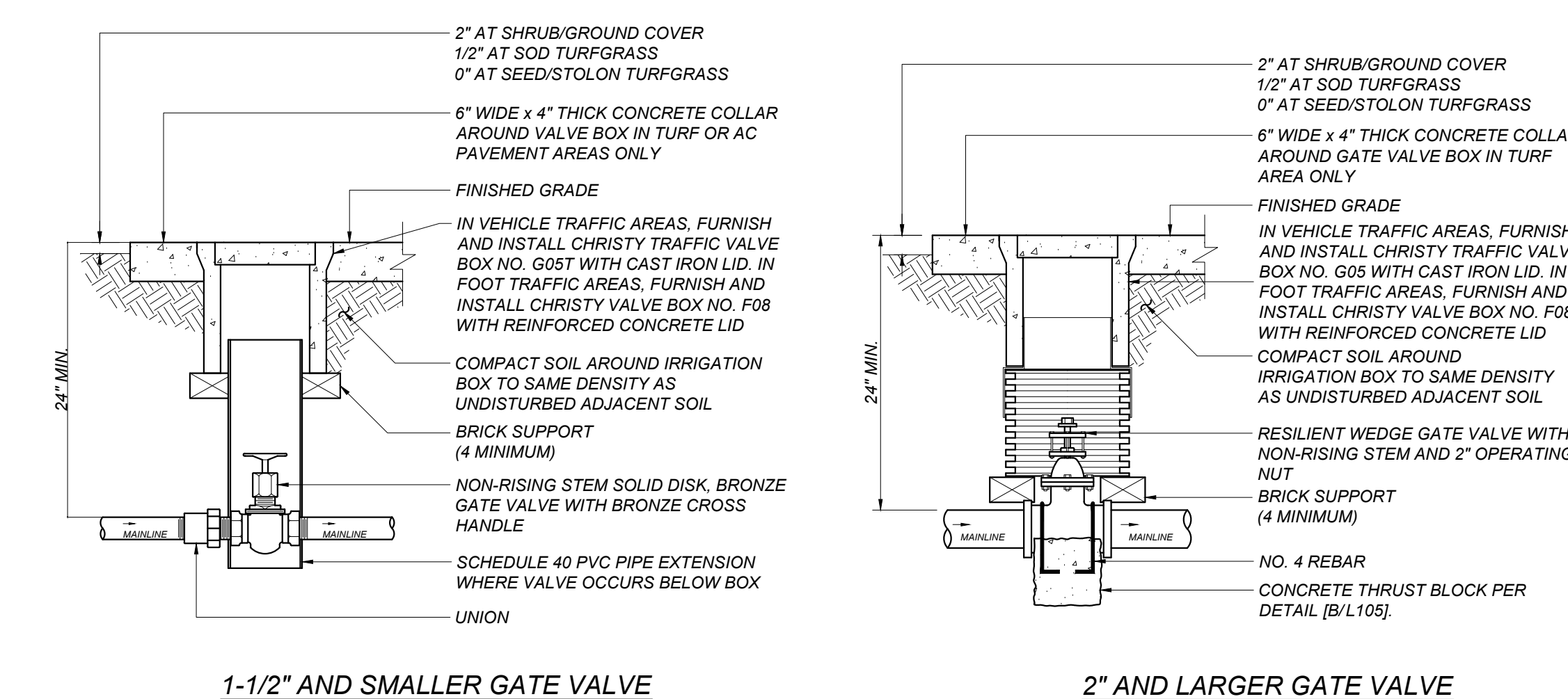
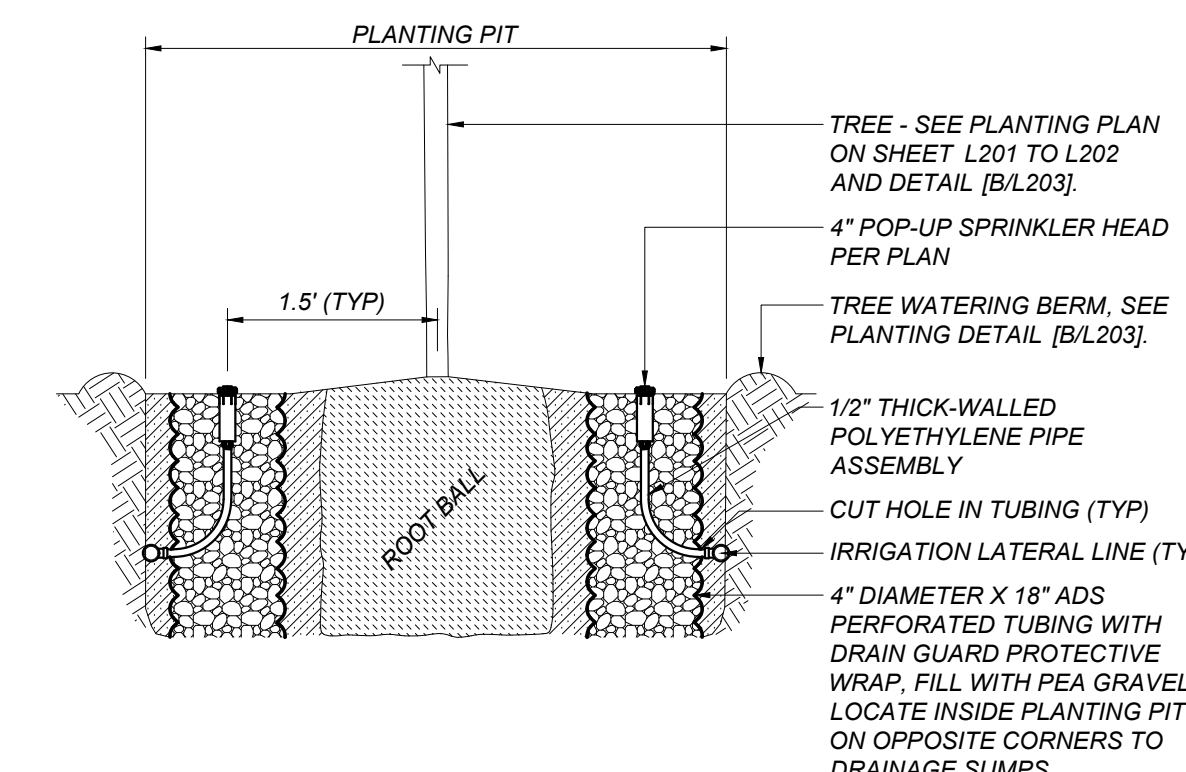
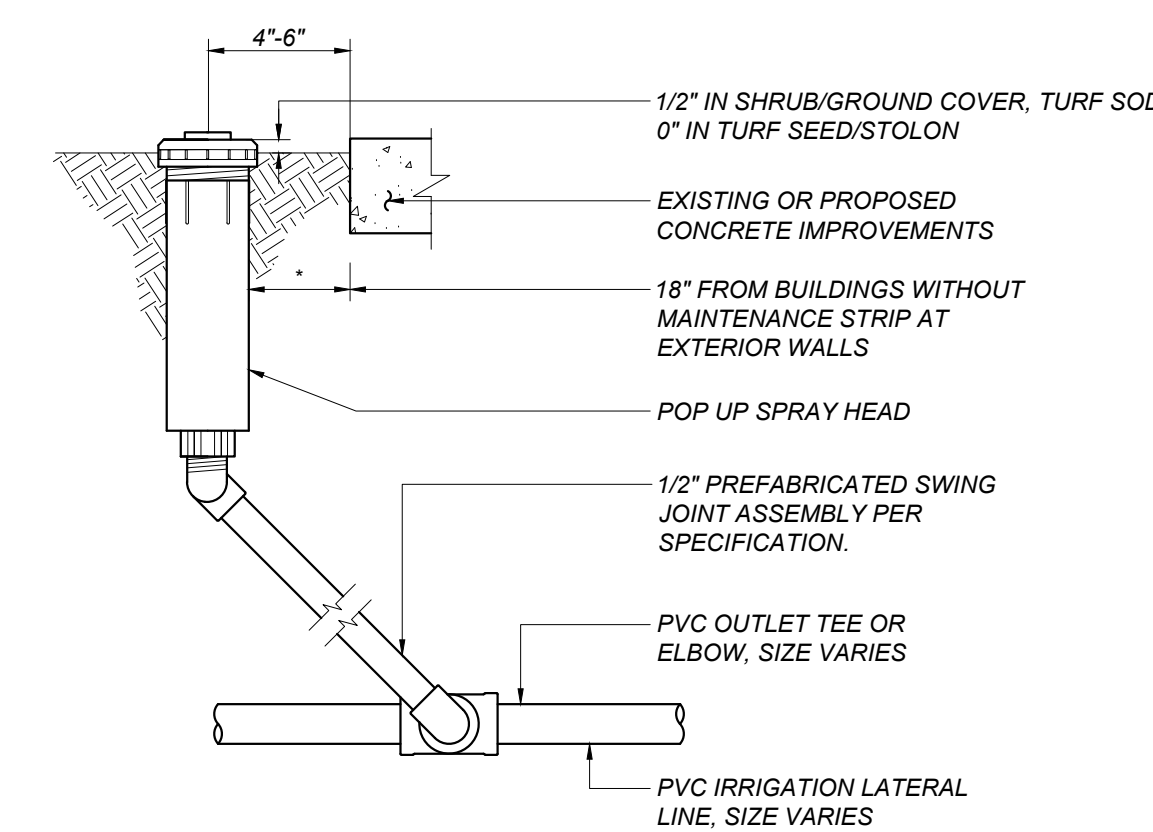
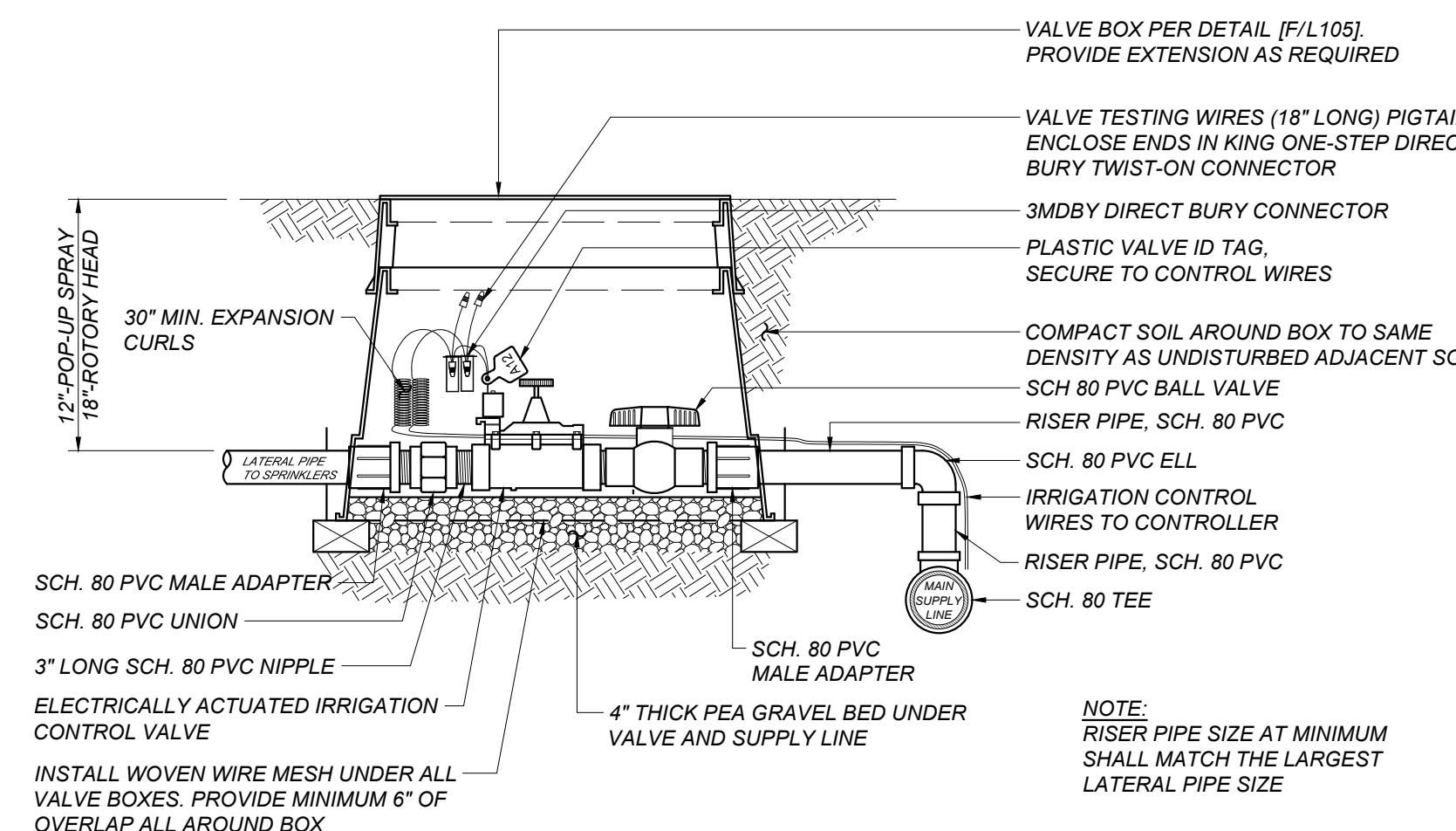
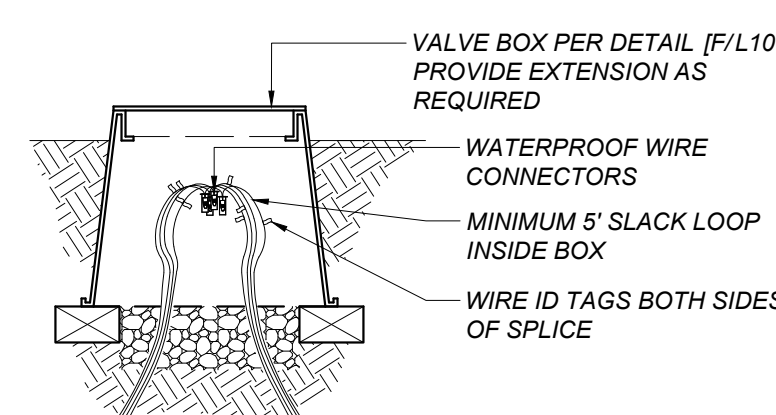
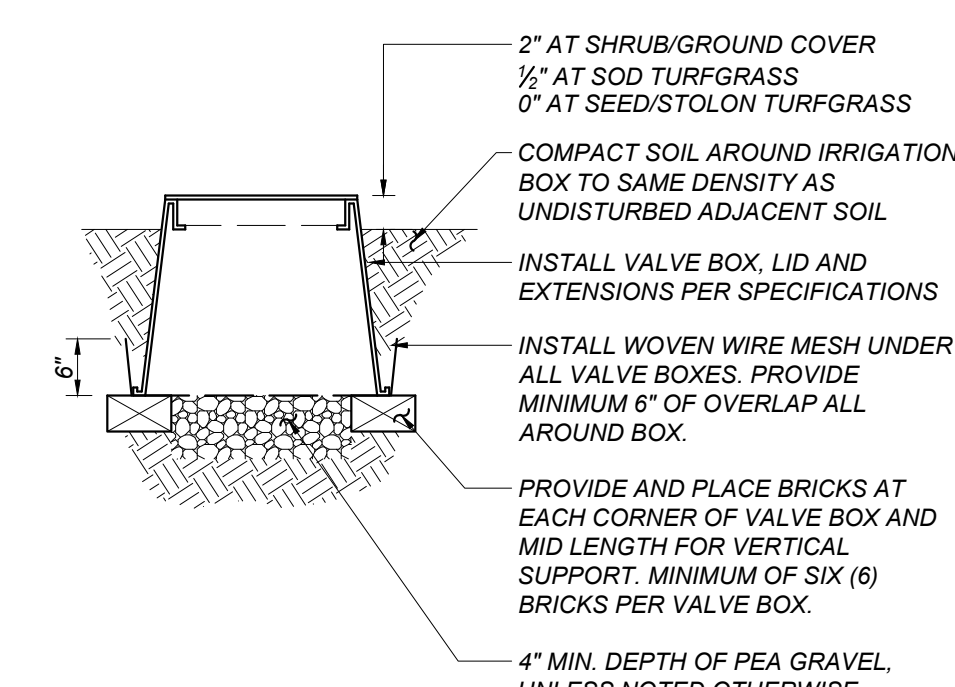
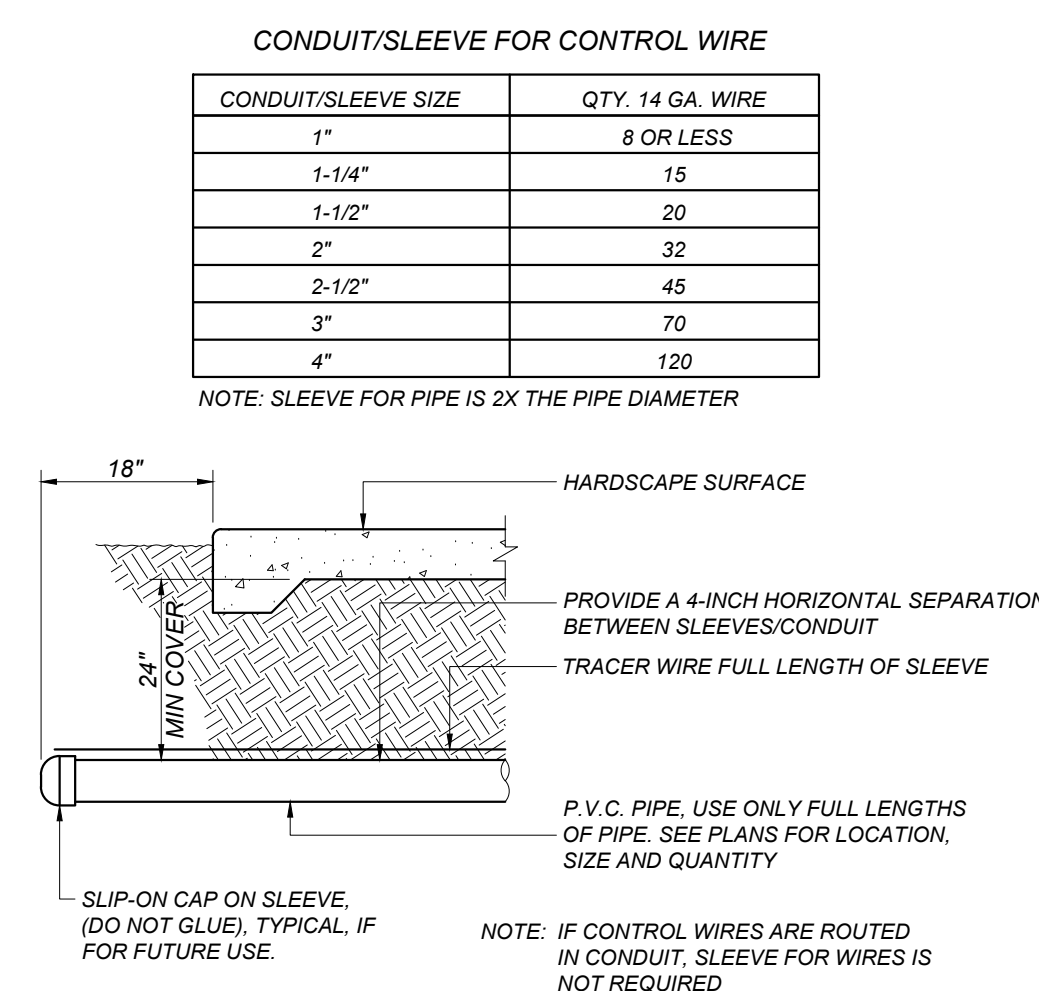
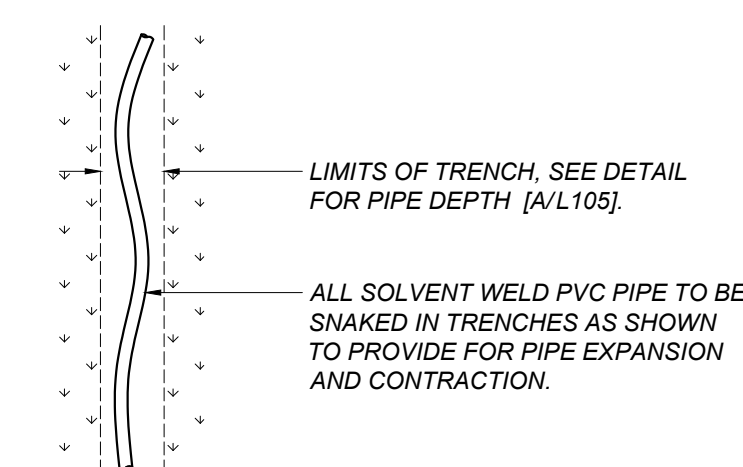
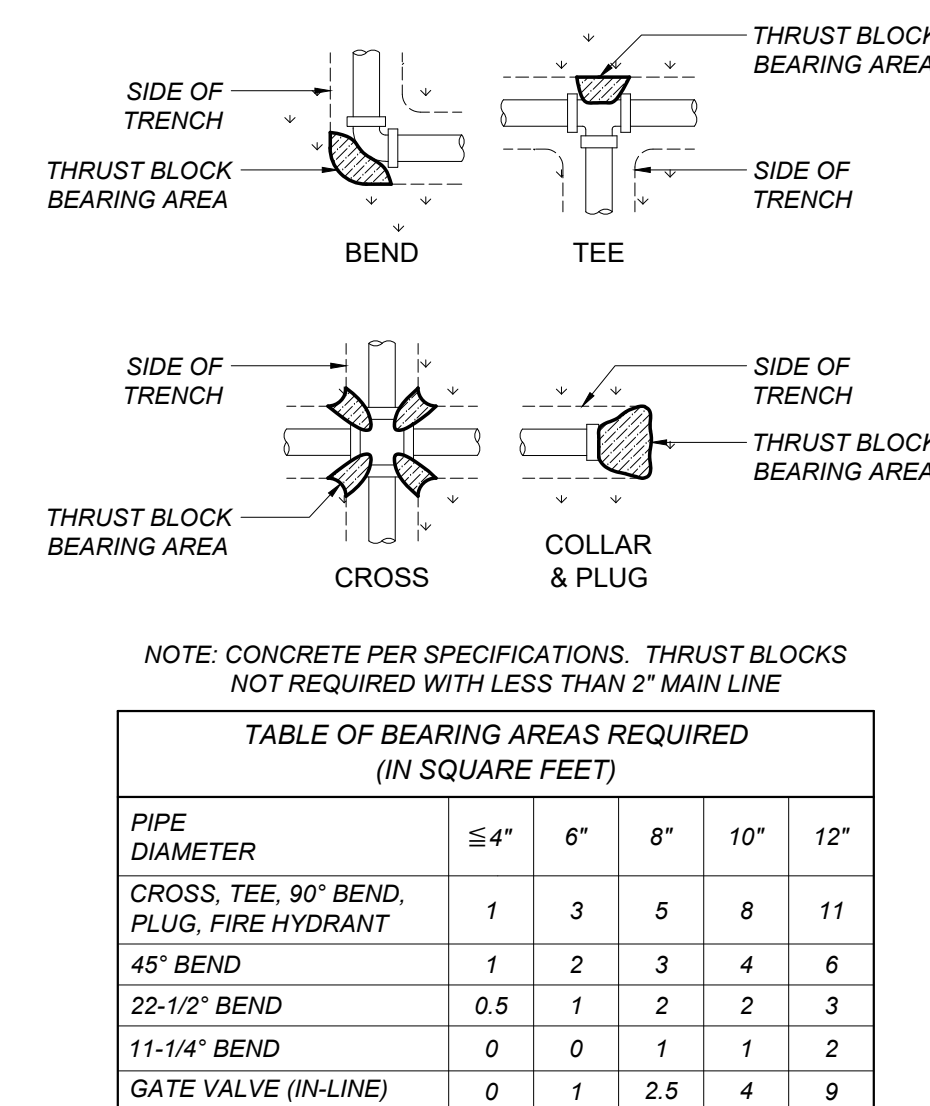
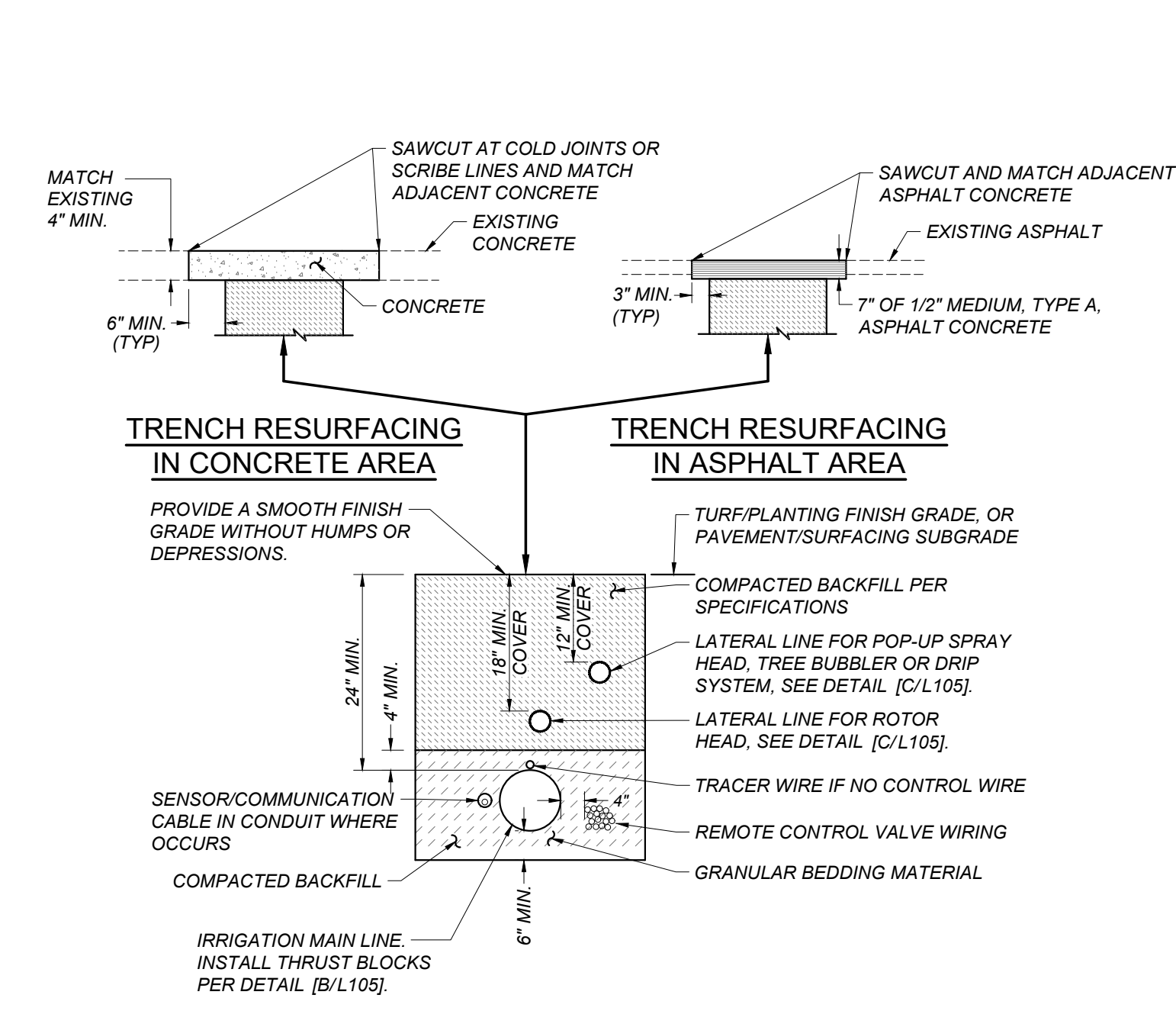
No.	Revision/Submission	Date

Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: NO SCALE	Drawn By: KC	
Project Number: 2469	Checked By: DWB	
Date: 12/02/24	Reviewed By: JB	

SD/L104

Sheet: _____ of: _____



**SEE SHEET SD/L101
TO SD/L103 FOR
IRRIGATION PLAN**



DSA File No :	
---------------	--

DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

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

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

IRRIGATION DETAILS

Drawing



darden
architects

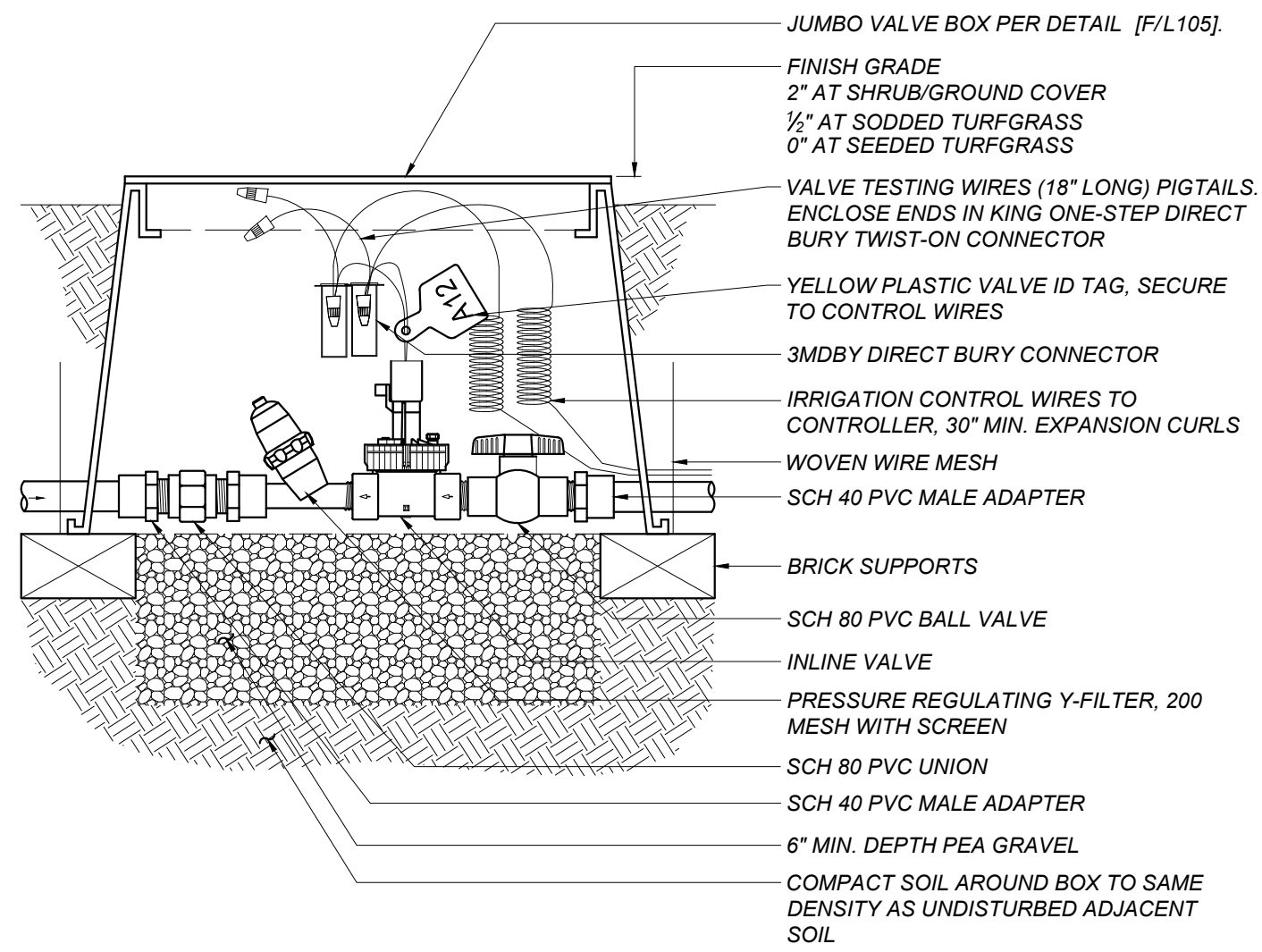
ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com



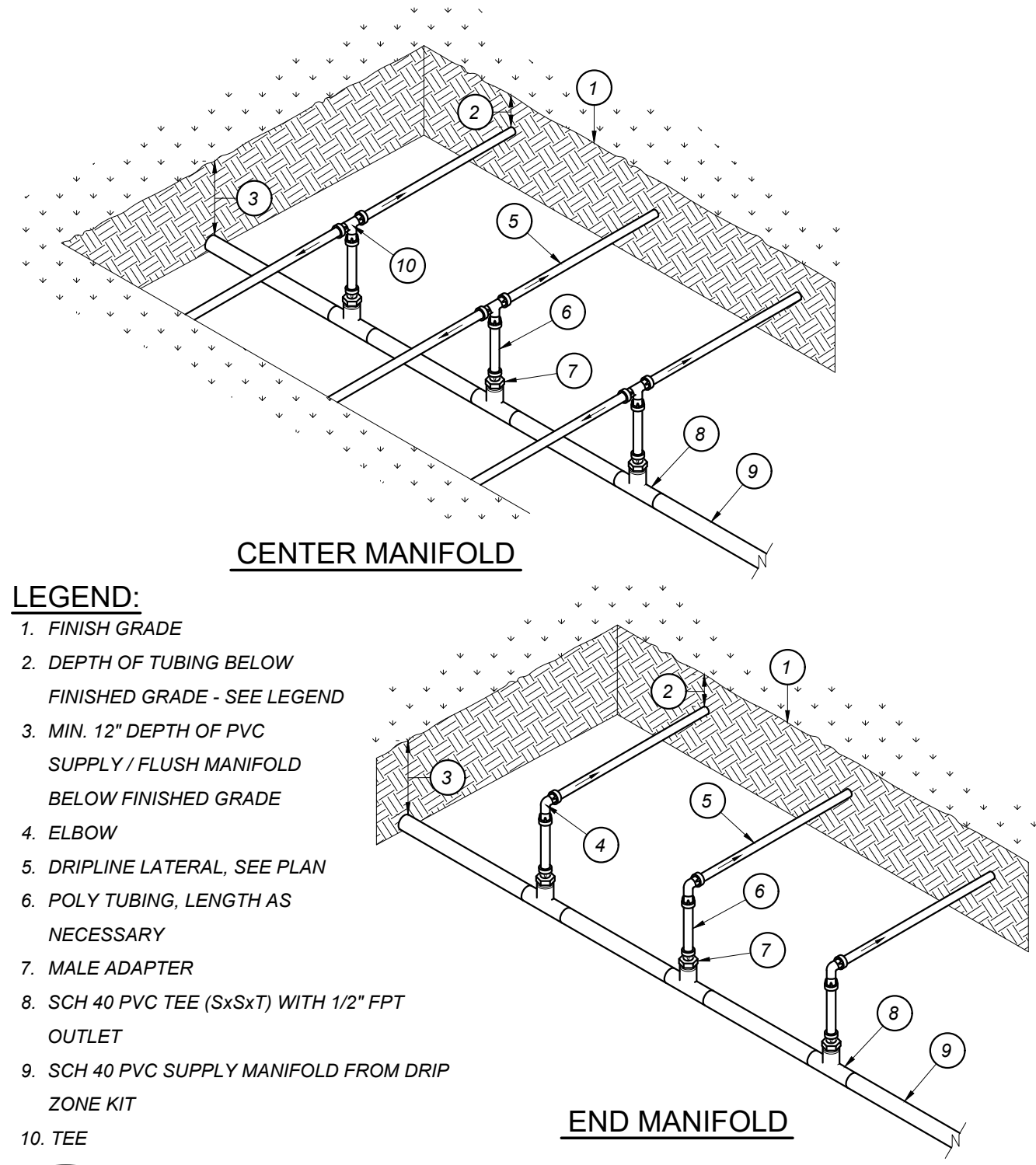
Architect

No.	Revision/Submission	Date
Revision		
	Designed By: KC	Copyright © 2024 Darden Architects
Scale: NO SCALE	Drawn By: KC	<i>SD/L105</i>
Project Number: 2469.1	Checked By: DWB	
Date: 12/02/24	Reviewed By: JB	
		Sheet: _____ of: _____

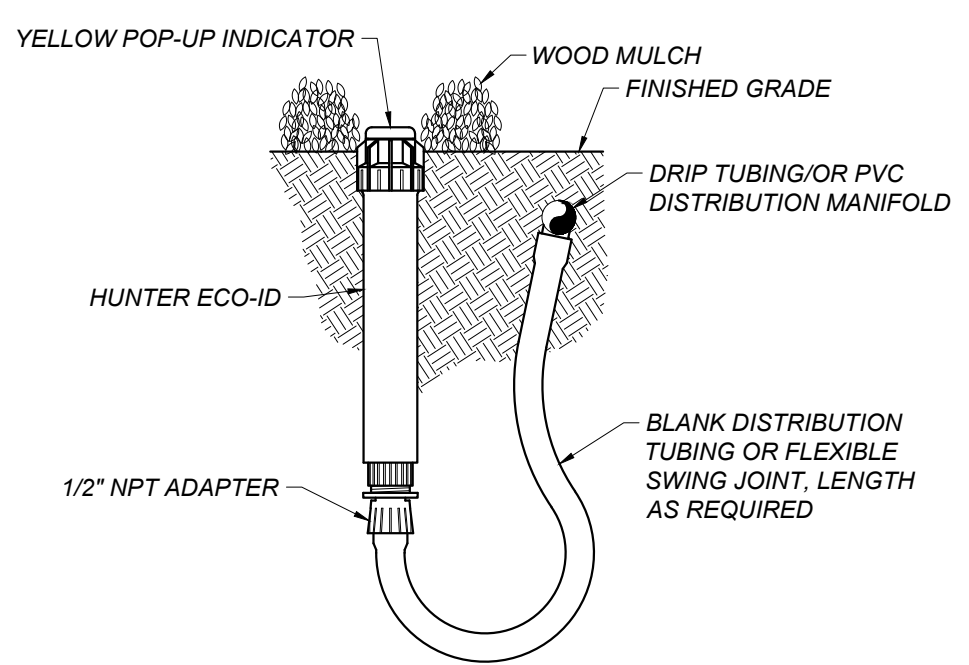
R
Q
P
N
M
L
K
J
H
G
F
E
D
C
B
A



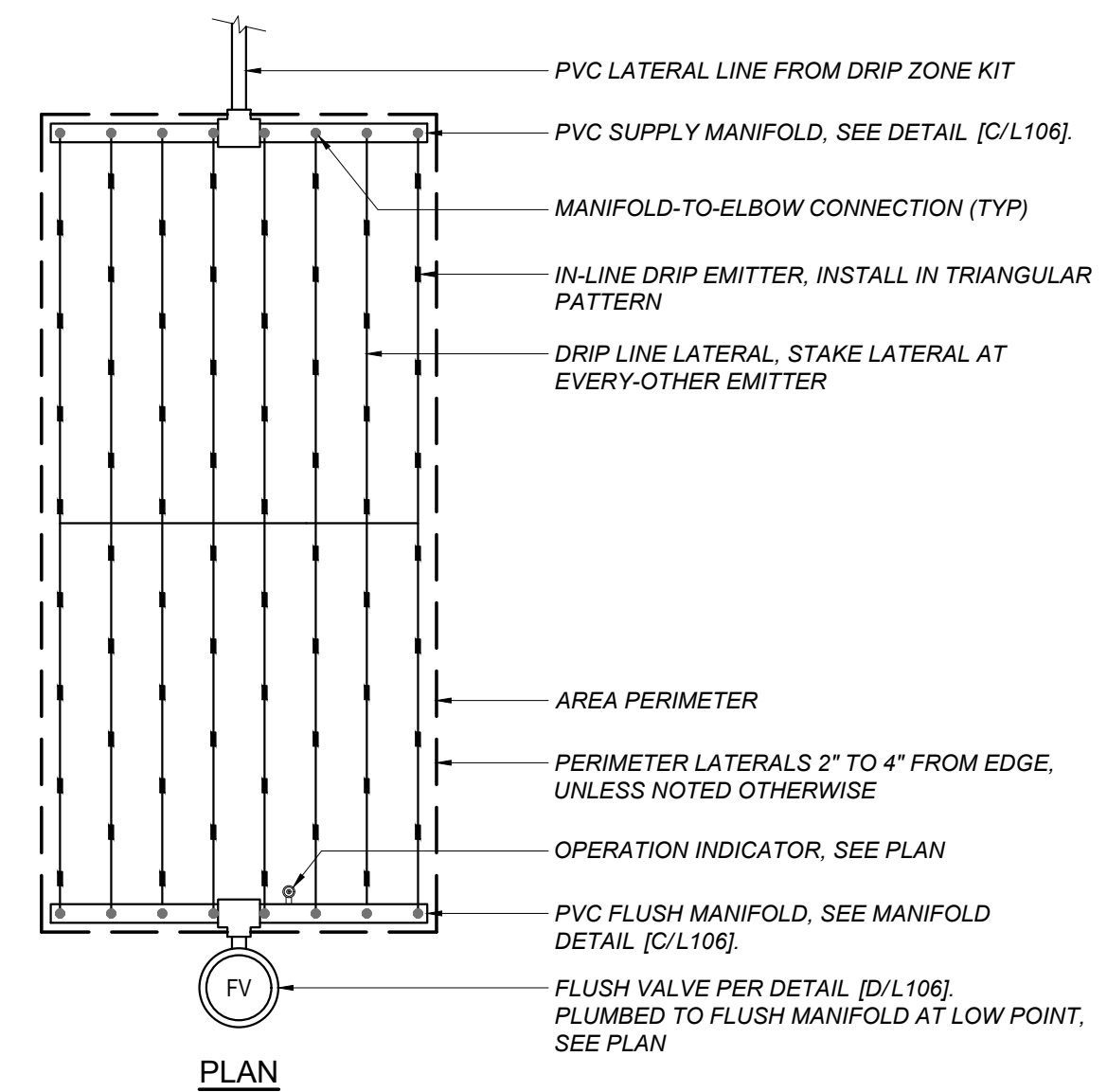
A DRIP ZONE ASSEMBLY
SD/L106 NOT TO SCALE



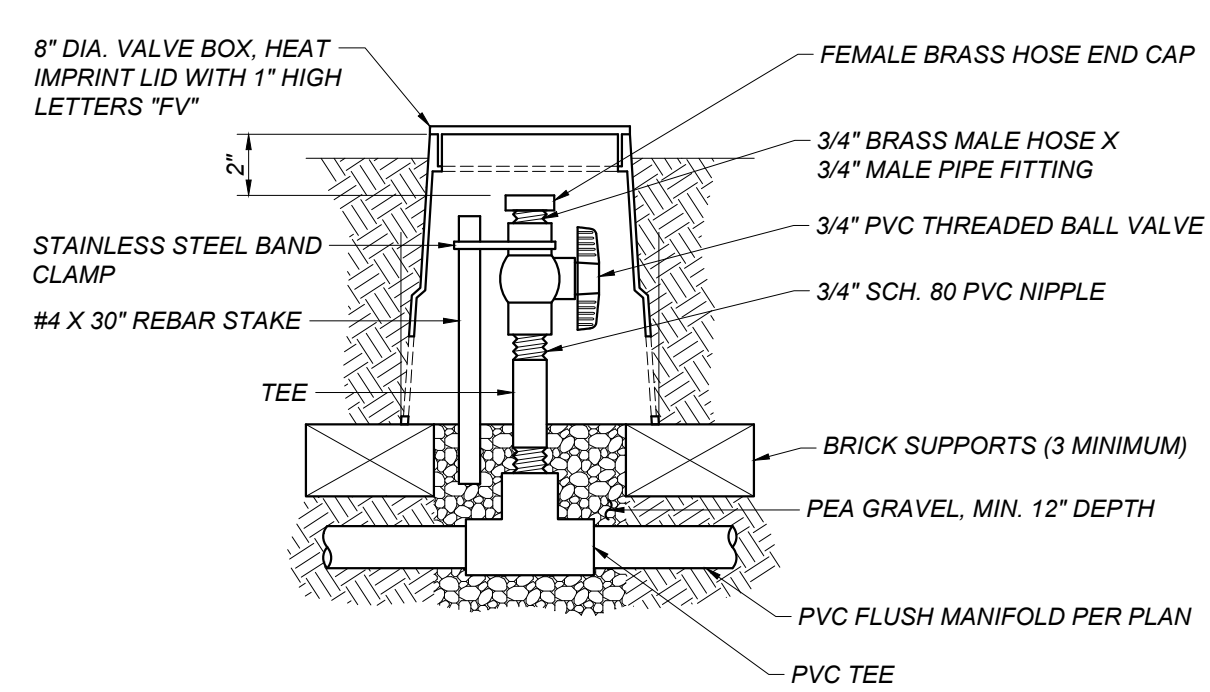
C DRIPLINE MANIFOLD
SD/L106 NOT TO SCALE



E HUNTER ECO-INDICATOR
SD/L106 NOT TO SCALE



B DRIPLINE LAYOUT SCHEMATIC
SD/L106 NOT TO SCALE



D DRIPLINE FLUSH VALVE
SD/L106 NOT TO SCALE

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 THE 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 MINIMUM 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 8 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.

DSA File No.:

DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

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

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

IRRIGATION DETAILS

Drawing

darden
architects

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

Architect

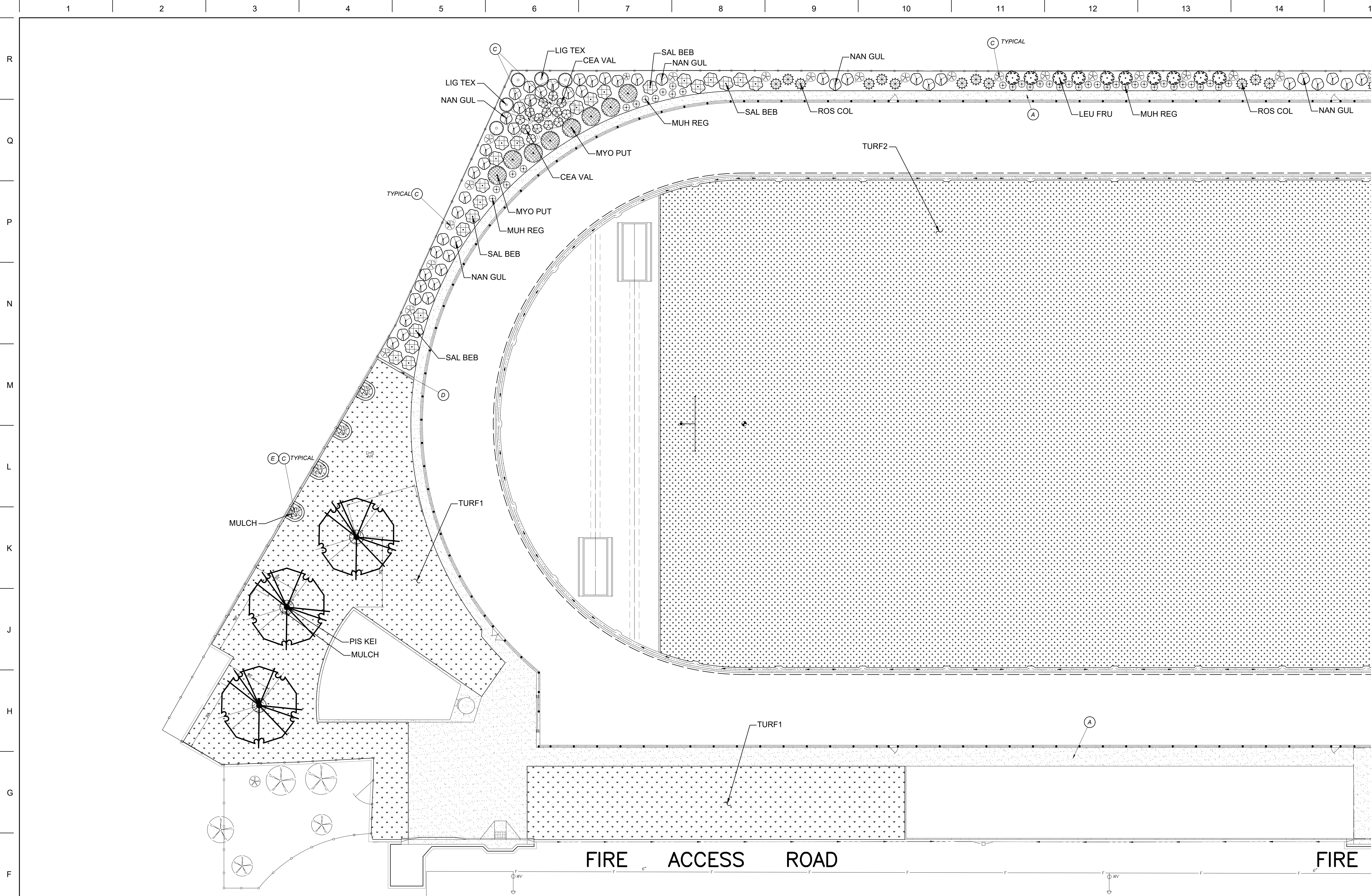
No.	Revision/Submission	Date

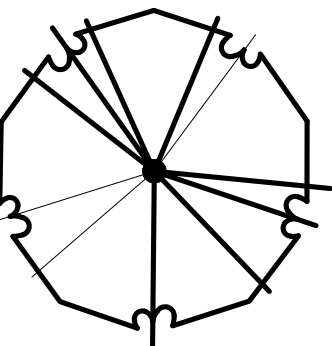




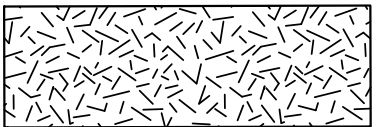

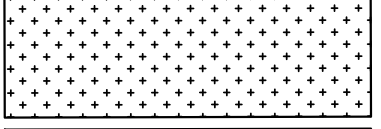

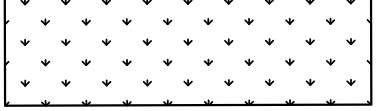









Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: NO SCALE	Drawn By: KC	SD/L106 Sheet: _____ of: _____
Project Number: 2469.1	Checked By: DWB	
Date: 12/02/24	Reviewed By: JB	

SEE SHEET SD/L101
TO SD/L103 FOR
IRRIGATION PLAN





PLANT LEGEND																	
TOTAL MIXED PLANTING AREA = 6,860 SF																	
SUNSET ZONE# 9																	
SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY	DETAIL	REMARKS										
LARGE TREES																	
	PIS KEI	PISTACIA CHINENSIS 'KEITH DAVEY' KEITH DAVEY CHINESE PISTACHE	24"BOX	L	3	B/SD/L203	DECIDUOUS, STANDARD FORM, FULL SUN, ORANGE-CRIMSON FALL COLOR MS: 30-40' H X 25-35' W		SAL BEB	SALVIA X 'BEE'S BLISS' BEE'S BLISS SAGE	1 GAL	L	22	A/SD/L203	FULL SUN, MS: 1'-1.5' H X 4'-6' W.		
SHRUBS																	
	CEA VAL	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET MARITIME CEANOTHUS	5 GAL	L	14	A/SD/L203	FULL TO PART SUN, BALL-LIKE CLUSTERS OF PALE LAVENDER-BLUE FLOWERS. MS: 2' H X 4' W		CODE	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY	DETAIL	REMARKS		
	LEU FRU	LEUCOPHYLLUM FRUTESCENS TEXAS SAGE	5 GAL	L	10	A/SD/L203	FULL SUN, BRIGHT PINK FLOWERS. MS: 6'-8' H X 4'-6' W		MULCH	WALK-ON WOOD MULCH	N/A	N/A	452 SF	D/SD/L203	MIN. 3 INCH COMPRESSED DEPTH. QUANTITY IS IN ADDITION TO THAT IN THE MIXED PLANTING AREA.		
	LIG TEX	LIGUSTRUM JAPONICUM 'TEXANUM' TEXAS PRIVET	5 GAL	L	5	A/SD/L203	FULL SUN, PARTIAL SUN, WHITE FLOWERS IN SPRING. MS: 10' H X 6' W		TURF2	'CELEBRATION' BERMUDAGRASS	SOD	M	81,297 SF	C/SD/L203	BIG-ROLL SOD		
	MYO PUT	MYOPORUM PARVIFOLIUM 'PINK' PINK MYOPORUM	1 GAL	L	8	A/SD/L203	FULL SUN, PINK FLOWERS. MS: 3'-6" H X 9' W		TURF1	'IMPROVED COMMON' BERMUDAGRASS BLEND	SEED	M	25,626 SF		RIP SUBGRADE, TILL AMENDMENTS, FINISH GRADE, DRILL SEED PER SECTION 329000.		
	NAN GUL	NANDINA DOMESTICA 'GULF STREAM' TM GULF STREAM HEAVENLY BAMBOO	5 GAL	L	49	A/SD/L203	FULL SUN/ PARTIAL SUN. MS: 3'-4' H X 3'-5' W		(A)	SIDE WALK PER CIVIL PLANS							
	ROS COL	ROSMARINUS OFFICINALIS 'COLLINGWOOD INGRAM' COLLINGWOOD INGRAM ROSEMARY	5 GAL	L	12	A/SD/L203	FULL SUN, DARK BLUE FLOWERS. MS: 2-3' H X 4'-6' W		(B)	COORDINATE NEW REPLACEMENT TURFGRASS SOD WIDTH WITH BOTH THE LIMIT OF CLEARING SHOWN ON THE DEMOLITION PLAN AND THE LIMIT OF TRANSITION GRADING. NEW SOD SHALL BE A MINIMUM 2' WIDTH FROM ANY HARDSCAPE EDGE, AND SHALL REPLACE ANY CLEARED, DAMAGED AND/OR DISTRESSED TURFGRASS AS A RESULT OF CONSTRUCTION ACTIVITIES AND/OR THE CONTRACTOR'S NEGLIGENCE.							
PERENNIALS																	
	DIE IRI	DIETES IRIDIODES FORTNIGHT LILY	1 GAL	L	7	A/SD/L203	FULL TO PARTIAL SUN, PERENNIAL, WHITE FLOWERS SPRING THROUGH LATE FALL MS: 2'-3' H X 3'-4' W		(C)	PROTECT EXISTING TREE IN PLACE. TPZ (TREE PROTECTION ZONE) PER SECTION 320190							
	MUH REG	MUHLENBERGIA CAPILLARIS 'REGAL MIST' PINK MUHLY	1 GAL	L	38	A/SD/L203	PERENNIAL, GRASS, FULL TO PART SUN, AIRY PINK-RED FLOWERS. MS: 3' H X 3' W		(D)	MOWSTRIP PER CIVIL PLANS							
											(E)	8" WIDE CONCRETE MOWSTRIP. ADD MULCH AROUND THE TREE BASE, 3' RADIUS. EXTEND TANGENTIAL TO THE FENCE MOWSTRIP					

DSA File No.: 02-122961

DSA Application No.: 02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

SEE SHEET SD/L204
FOR PLANTING
DETAILS AND NOTES

SD/L201

SD/L202

SD/L203

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

Martin Luther King MS - Track & Field Improvements

Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL PLANTING PLAN

Drawing

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

Architect

No.	Revision/Submission	Date

100% CONSTRUCTION DRAWINGS

Revision

	Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC	
Project Number: 2469.1	Checked By: DWB	SD/L201
Date: 12/02/24	Reviewed By: DWB	Sheet: _____ of: _____

SCALE: 1"=20'

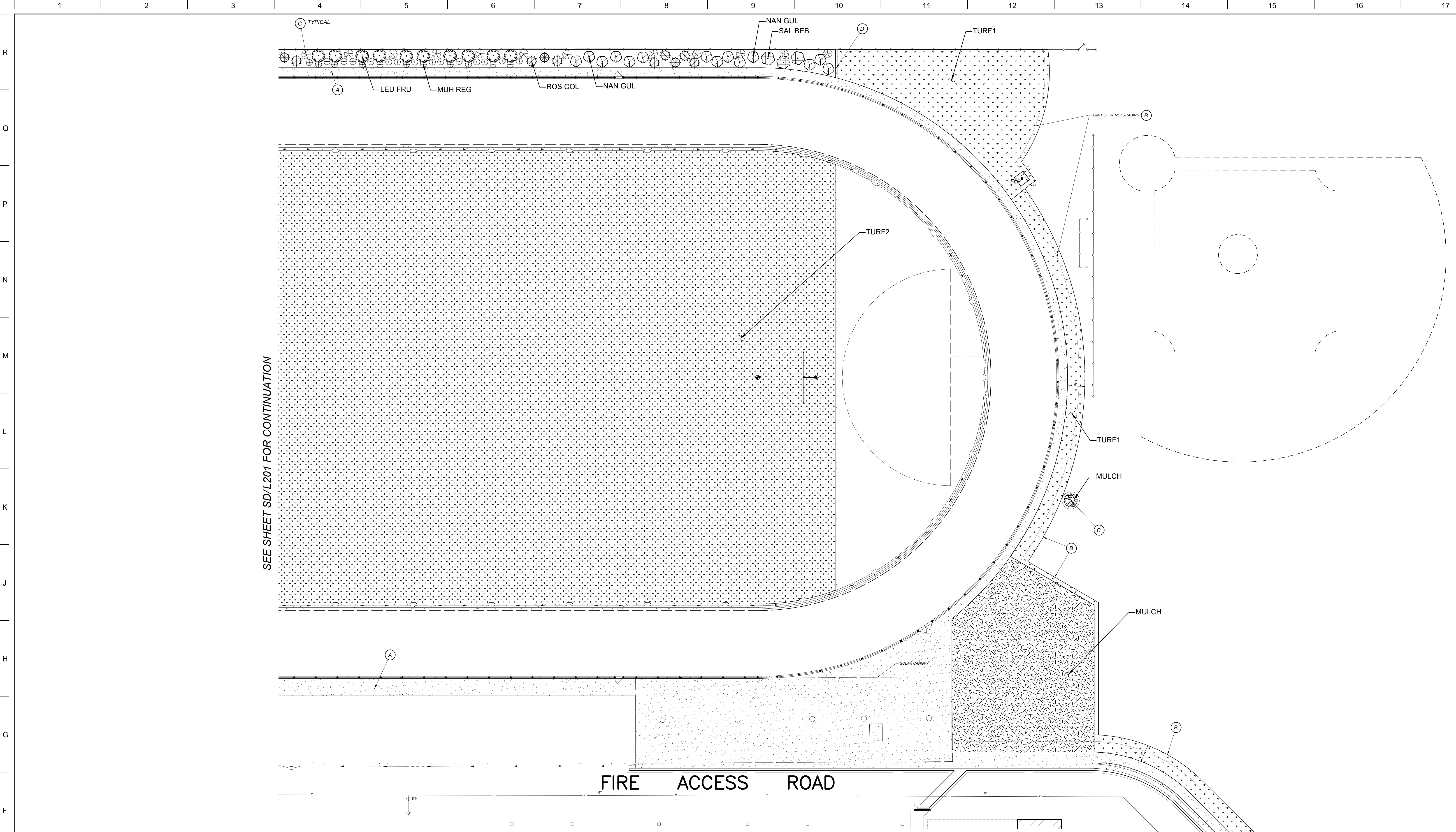
SCALE IN FEET

0

20

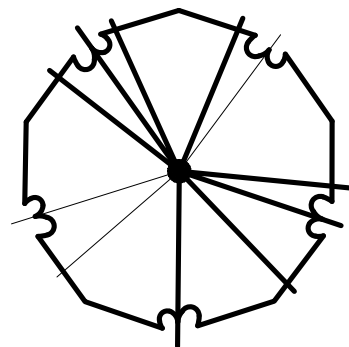


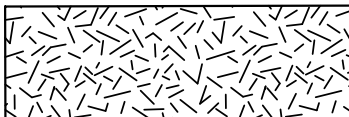

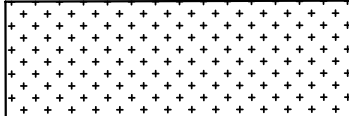












40

Drawing: P:\2024\020508\production\dwg\024050801.dwg, L201 - RCP.dwg
Plot by: J. Johnson, Dec 10, 2024, 1:45pm



SEE SHEET SD/L201 FOR CONTINUATION

SEE SHEET SD/L203 FOR CONTINUATION

PLANT LEGEND															
TOTAL MIXED PLANTING AREA = 6,860 SF															
SUNSET ZONE# 9															
SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY	DETAIL	REMARKS								
LARGE TREES															
	PIS KEI	PISTACIA CHINENSIS 'KEITH DAVEY' KEITH DAVEY CHINESE PISTACHE	24"BOX	L	3	B/SD/L203	DECIDUOUS, STANDARD FORM, FULL SUN, ORANGE-CRIMSON FALL COLOR MS: 30-40' H X 25-35' W		SAL BEB SALVIA X 'BEE'S BLISS' BEE'S BLISS SAGE	1 GAL	L	22	A/SD/L203	FULL SUN. MS: 1'-1.5' H X 4'-6' W.	
SHRUBS															
	CEA VAL	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET MARITIME CEANOTHUS	5 GAL	L	14	A/SD/L203	FULL TO PART SUN, BALL-LIKE CLUSTERS OF PALE LAVENDER-BLUE FLOWERS. MS: 2' H X 4' W		MULCH	WALK-ON WOOD MULCH	N/A	N/A	452 SF	D/SD/L203	MIN. 3 INCH COMPRESSED DEPTH. QUANTITY IS IN ADDITION TO THAT IN THE MIXED PLANTING AREA.
	LEU FRU	LEUCOPHYLLUM FRUTESCENS TEXAS SAGE	5 GAL	L	10	A/SD/L203	FULL SUN, BRIGHT PINK FLOWERS. MS: 6'-8' H X 4'-6' W		TURF2	'CELEBRATION' BERMUDAGRASS	SOD	M	81,297 SF	C/SD/L203	BIG-ROLL SOD
	LIG TEX	LIGUSTRUM JAPONICUM 'TEXANUM' TEXAS PRIVET	5 GAL	L	5	A/SD/L203	FULL SUN, PARTIAL SUN, WHITE FLOWERS IN SPRING. MS: 10' H X 6' W		TURF1	'IMPROVED COMMON' BERMUDAGRASS BLEND	SEED	M	25,626 SF		RIP SUBGRADE, TILL AMENDMENTS, FINISH GRADE, DRILL SEED PER SECTION 329000.
	MYO PUT	MYOPORUM PARVIFOLIUM 'PINK' PINK MYOPORUM	1 GAL	L	8	A/SD/L203	FULL SUN, PINK FLOWERS. MS: 3'-6" H X 3' W		(A)	SIDE WALK PER CIVIL PLANS					
	NAN GUL	NANDINA DOMESTICA 'GULF STREAM' TM GULF STREAM HEAVENLY BAMBOO	5 GAL	L	49	A/SD/L203	FULL SUN/ PARTIAL SUN. MS: 3'-4' H X 3'-5' W		(B)	COORDINATE NEW REPLACEMENT TURFGRASS SOD WIDTH WITH BOTH THE LIMIT OF CLEARING SHOWN ON THE DEMOLITION PLAN AND THE LIMIT OF TRANSITION GRADING. NEW SOD SHALL BE A MINIMUM 2' WIDTH FROM ANY HARDSCAPE EDGE, AND SHALL REPLACE ANY CLEARED, DAMAGED AND/OR DISTRESSED TURFGRASS AS A RESULT OF CONSTRUCTION ACTIVITIES AND/OR THE CONTRACTOR'S NEGLIGENCE.					
	ROS COL	ROSMARINUS OFFICINALIS 'COLLINGWOOD INGRAM' COLLINGWOOD INGRAM ROSEMARY	5 GAL	L	12	A/SD/L203	FULL SUN, DARK BLUE FLOWERS. MS: 2-3' H X 4'-6' W		(C)	PROTECT EXISTING TREE IN PLACE. TPZ (TREE PROTECTION ZONE) PER SECTION 320190					
PERENNIALS															
	DIE IRI	DIETES IRIDIOIDES FORTNIGHT LILY	1 GAL	L	7	A/SD/L203	FULL TO PARTIAL SUN, PERENNIAL, WHITE FLOWERS SPRING THROUGH LATE FALL MS: 2'-3' H X 3'-4' W		(D)	MOWSTRIP PER CIVIL PLANS					
	MUH REG	MUHLENBERGIA CAPILLARIS 'REGAL MIST' PINK MUHLY	1 GAL	L	38	A/SD/L203	PERENNIAL, GRASS, FULL TO PART SUN, AIRY PINK-RED FLOWERS. MS: 3' H X 3' W		(E)	8" WIDE CONCRETE MOWSTRIP. ADD MULCH AROUND THE TREE BASE, 3' RADIUS. EXTEND TANGENTIAL TO THE FENCE MOWSTRIP					

DSA File No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR:
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

SEE SHEET SD/L204
FOR PLANTING
DETAILS AND NOTES

KEYMAP

General Notes

CONSULTING ENGINEERS

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

Consultant

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638

Project

PARTIAL PLANTING PLAN

Drawing

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

ARCHITECT

No.	Revision/Submission	Date

100% CONSTRUCTION DRAWINGS

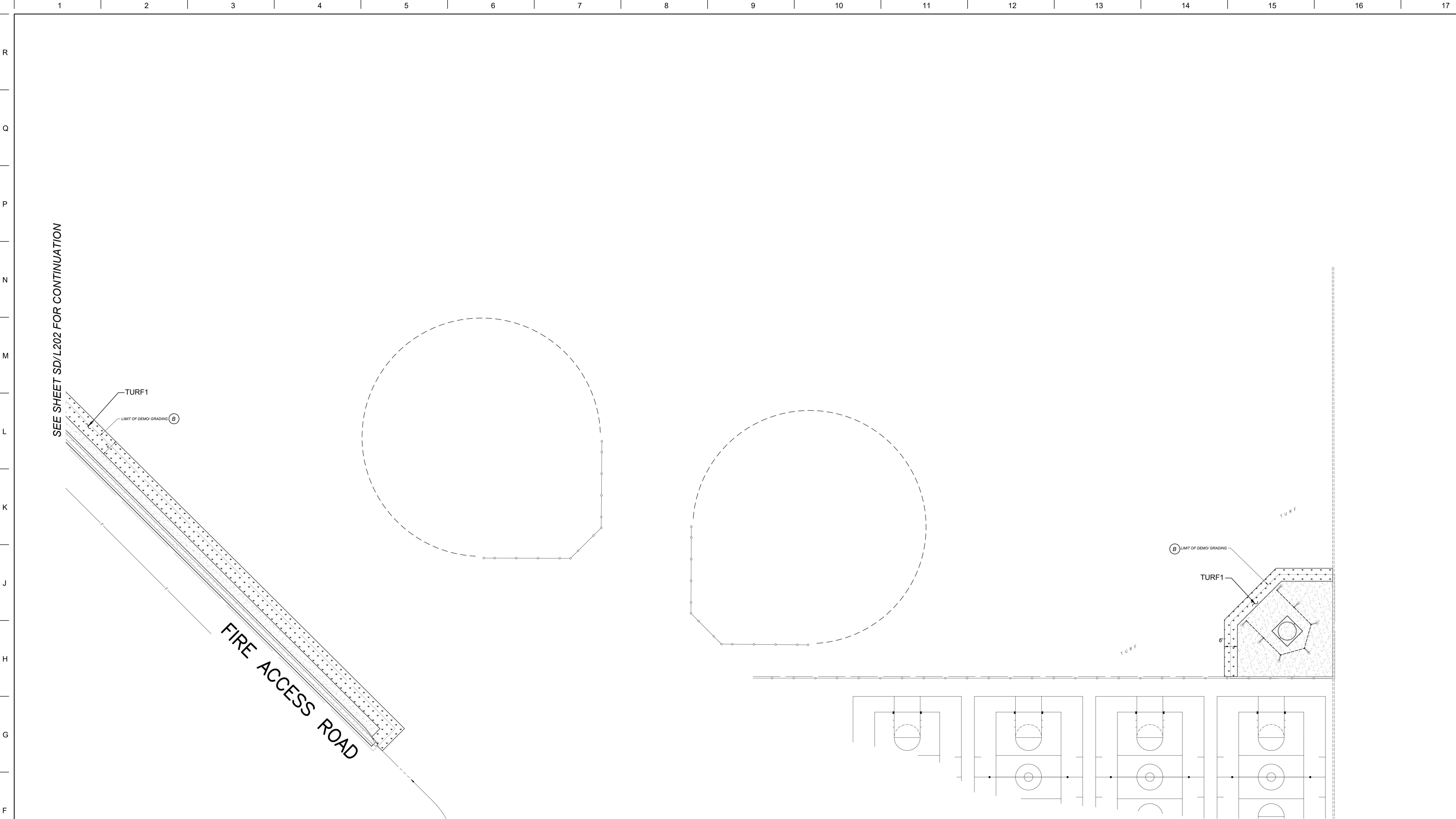
Revision

Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC
Project Number: 2469.1	Checked By: DWB
Date: 12/02/24	Reviewed By: DWB

SD/L202

Sheet: _____ of: _____

Drawing: P:\2024\0206\06production\dwg\024060601.dwg, 12/02/24 - BCF-ah
Plot by Johnson, Dec 10, 2024 1:46pm



PLANT LEGEND

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY	DETAIL	REMARKS										
LARGE TREES																	
	PIS KEI	PISTACIA CHINENSIS 'KEITH DAVEY' KEITH DAVEY CHINESE PISTACHE	24"BOX	L	3	B/SD/L203	DECIDUOUS, STANDARD FORM, FULL SUN, ORANGE-CRIMSON FALL COLOR MS: 30-40' H X 25-35' W		SAL BEB	SALVIA X 'BEE'S BLISS' BEE'S BLISS SAGE	1 GAL	L	22	A/SD/L203	FULL SUN, MS: 1'-1.5' H X 4'-6' W.		
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	WATER USE	QTY	DETAIL	REMARKS	SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY	DETAIL	REMARKS		
								GROUND COVERS									
	CEA VAL	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET MARITIME CEANOTHUS	5 GAL	L	14	A/SD/L203	FULL TO PART SUN, BALL-LIKE CLUSTERS OF PALE LAVENDER-BLUE FLOWERS. MS: 2' H X 4' W		MULCH	WALK-ON WOOD MULCH	N/A	N/A	452 SF	D/SD/L203	MIN. 3 INCH COMPRESSED DEPTH. QUANTITY IS IN ADDITION TO THAT IN THE MIXED PLANTING AREA.		
	LEU FRU	LEUCOPHYLLUM FRUTESCENS TEXAS SAGE	5 GAL	L	10	A/SD/L203	FULL SUN, BRIGHT PINK FLOWERS. MS: 6'-8' H X 4'-6' W		TURF2	'CELEBRATION' BERMUDAGRASS	SOD	M	81,297 SF	C/SD/L203	BIG-ROLL SOD		
	LIG TEX	LIGUSTRUM JAPONICUM 'TEXANUM' TEXAS PRIVET	5 GAL	L	5	A/SD/L203	FULL SUN, PARTIAL SUN, WHITE FLOWERS IN SPRING. MS: 10' H X 6' W		TURF1	'IMPROVED COMMON' BERMUDAGRASS BLEND	SEED	M	25,626 SF		RIP SUBGRADE, TILL AMENDMENTS, FINISH GRADE, DRILL SEED PER SECTION 329000.		
	MYO PUT	MYOPORUM PARVIFOLIUM 'PINK' PINK MYOPORUM	1 GAL	L	8	A/SD/L203	FULL SUN, PINK FLOWERS. MS: 3'-6" H X 9' W		SIDE WALK PER CIVIL PLANS								
	NAN GUL	NANDINA DOMESTICA 'GULF STREAM' TM GULF STREAM HEAVENLY BAMBOO	5 GAL	L	49	A/SD/L203	FULL SUN/PARTIAL SUN. MS: 3'-4' H X 3'-5' W		COORDINATE NEW REPLACEMENT TURFGRASS SOD WIDTH WITH BOTH THE LIMIT OF CLEARING SHOWN ON THE DEMOLITION PLAN AND THE LIMIT OF TRANSITION GRADING. NEW SOD SHALL BE A MINIMUM 2' WIDTH FROM ANY HARDSCAPE EDGE, AND SHALL REPLACE ANY CLEARED, DAMAGED AND/OR DISTRESSED TURFGRASS AS A RESULT OF CONSTRUCTION ACTIVITIES AND/OR THE CONTRACTOR'S NEGLIGENCE.								
	ROS COL	ROSMARINUS OFFICINALIS 'COLLINGWOOD INGRAM' COLLINGWOOD INGRAM ROSEMARY	5 GAL	L	12	A/SD/L203	FULL SUN, DARK BLUE FLOWERS. MS: 2-3' H X 4'-6' W		PROTECT EXISTING TREE IN PLACE. TPZ (TREE PROTECTION ZONE) PER SECTION 320190								
									MOWSTRIP PER CIVIL PLANS								
									8" WIDE CONCRETE MOWSTRIP, ADD MULCH AROUND THE TREE BASE, 3' RADIUS. EXTEND TANGENTIAL TO THE FENCE MOWSTRIP								
PERENNIALS																	
	DIE IRI	DIETES IRIDIODES FORTNIGHT LILY	1 GAL	L	7	A/SD/L203	FULL TO PARTIAL SUN, PERENNIAL, WHITE FLOWERS SPRING THROUGH LATE FALL MS: 2'-3" H X 3'-4" W										
	MUH REG	MUHLENBERGIA CAPILLARIS 'REGAL MIST' PINK MUHLY	1 GAL	L	38	A/SD/L203	PERENNIAL, GRASS, FULL TO PART SUN, AIRY PINK-RED FLOWERS. MS: 3' H X 3' W										

DSA File No.:

DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

SEE SHEET SD/L204
FOR PLANTING
DETAILS AND NOTES

SD/L201

SD/L202

SD/L203

KEYMAP

General Notes

Blair, Church & Flynn
CONSULTING ENGINEERS

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

CONSULTANT

Consultant

Martin Luther King MS - Track & Field Improvements
Madera Unified School District
601 Lilly Street,
Madera, CA 93638
Project

PARTIAL PLANTING PLAN
Drawing

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

Architect

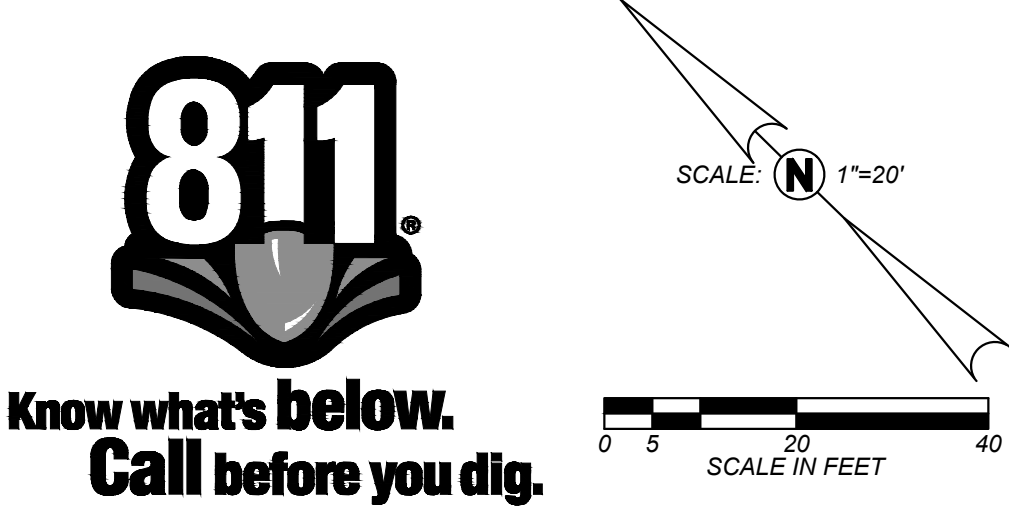
No.	Revision/Submission	Date

100% CONSTRUCTION DRAWINGS Revision

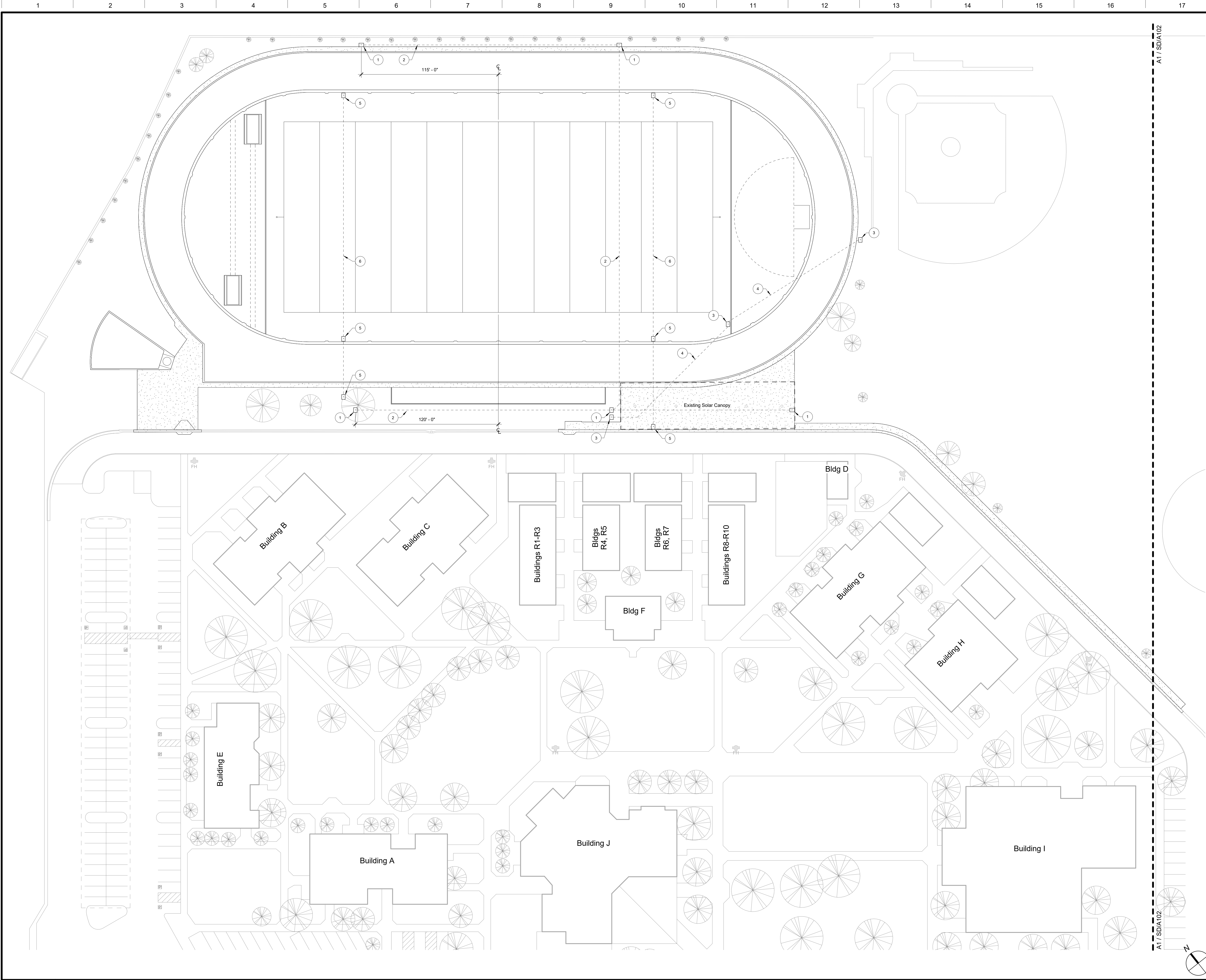
Designed By: KC	Copyright 2024 Darden Architects
Scale: 1" = 20'	Drawn By: KC
Project Number: 2469.1	Checked By: DWB
Date: 12/02/24	Reviewed By: DWB

SD/L203

Sheet: _____ of: _____



12/1/2024 10:46:34 AM
S:\K-12\MaderaUSD\MLK2469_1_Track_Field_Improvement\Ph1\Track_Field_Improvement_Ph1.rvt



DSA File No.:
20-30

APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

DSA Application No.:
02-122961

Agency Approval

SYMBOLS

PAVEMENT, Refer to CIVIL

CAST-IN-PLACE CONCRETE, Refer to CIVIL

Building Outline

Property Line

Limits of Construction
(Project Area)

X — X — X

Fence

Pipe/Utility

FH

FDC

PIV

PLUMBING, Fire Hydrant,
Existing

PLUMBING, Fire Department
Connection (Siamese),
Existing

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

AC

Air Conditioning System

AD

Area Drain, (See Plumbing)

BW

Back of Walk

C

Concrete

CB

Catch Basin

CJ

Control Joint

CM

Communications

COB

Clean Out Box

CW

Cold Water

DB

Drain Box

DI

Drain Inlet

DS

Drainage Swale

EMS

Energy Management System

E

Electrical Power

EJ

Expansion Joint, 1/2"

F

Fire Protection

FD

Floor Drain

FDC

Fire Dept Connection

FF

Finish Floor

FG

Finish Grade

FL

Flow Line

FMFCD

Fresno Metropolitan
Flood Control District

G

Gas

GT

Gutter

GB

Grade Break

RG

Rough Grade

HPG

High Pressure Gas

HL

Hydronics Line

INV N

Invert North

INV NE

Invert Northeast

MH

Manhole

MS

Mow Strip

OC

On Center

P

Pavement

P1-P4

Electrical Utility Box

PIV

Post Indicator Valve

PL

Planter

R

Radius

RWL

Rain Water
Leader

SD

Storm Drain

SL

Site Lighting

S

Signal

SS

Sanitary Sewer

TB

Top of Bench

TC

Top of Curb

TD

Trench Drain

TG

Top of Grate

TF

Top of Fence

TL

Top of Lid

TLB

Top of Light
Base

TW

Top of Wall

Typ

Typical

UNO

Unless Noted
Otherwise

VG

Valley Gutter

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

Martin Luther King MS - Track Upgrades

Madera Unified School District

Madera, CA 93638

Project

SITE DEVELOPMENT

PARTIAL SITE PLAN - PROJECT WEST

Drawing

darden

architects

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

LICENSED ARCHITECT

ANTONIO J. AYALA

No. 020236

Exp. 10-31-25

STATE OF CALIFORNIA

Architect

No.

Revision/Submission

Date

Revision

Designed By:

Copyright © 2022 Darden Architects

Drawn By:

Checked By:

Reviewed By:

Scale:

1" = 30'-0"

Project Number:

2469.1

Date:

12/10/24

SD/A101

A1

Partial Site Plan - Project West

1"

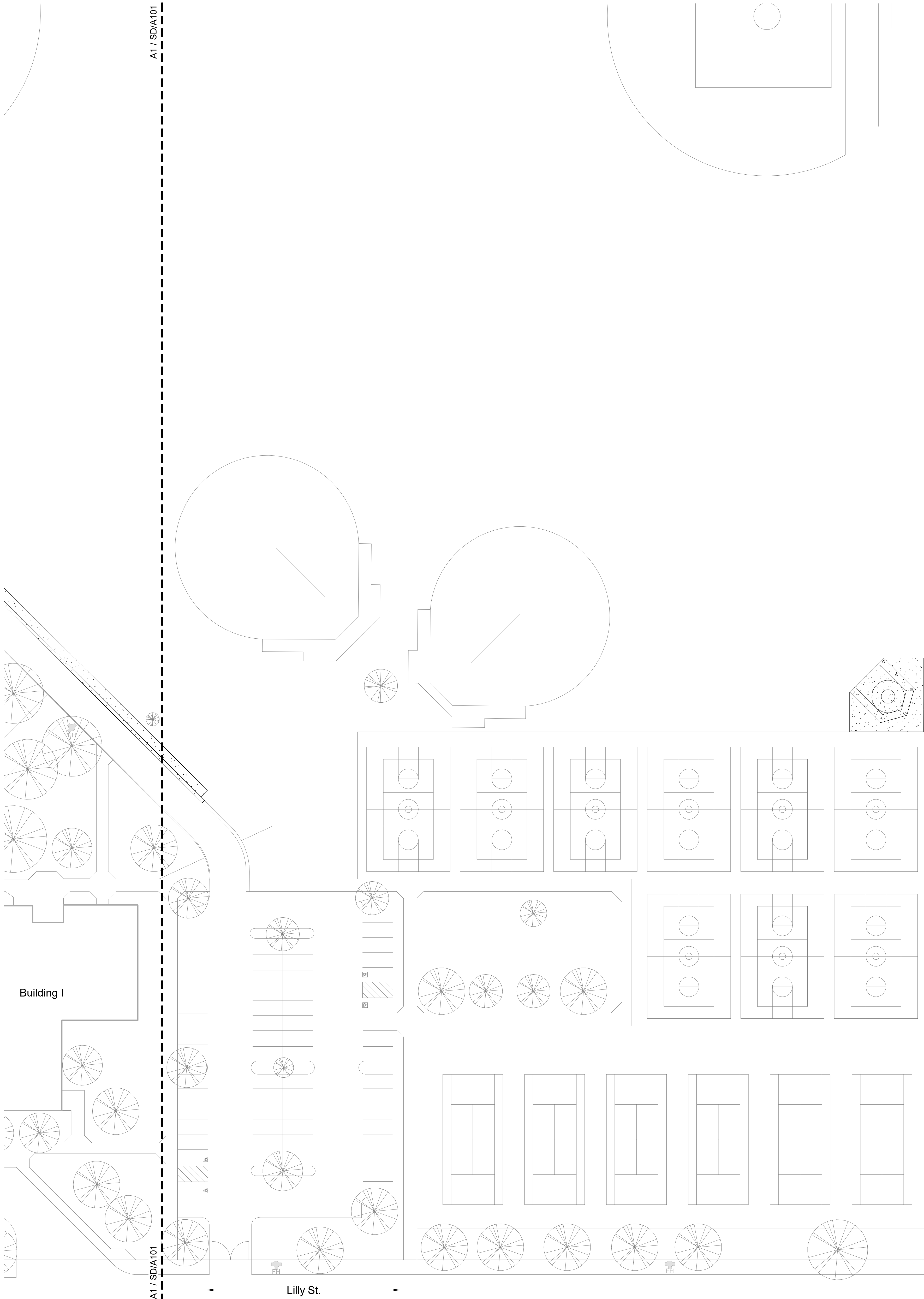
30'-0"

12/1/2024 10:46:34 AM
S:\K12\Madera\USD\MLK2469_1_Track_Field_Improvement\Ph1\Drawings\REV\12469_1_MLK_Track_Field_Improvement_Ph1.rvt

A1

Partial Site Plan - Plan East

1" = 30'-0"



DSA File No.:
20-30

DSA Application No.:
02-122961

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122961 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 12/10/2024

Agency Approval

SYMBOLS

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

SITE TAGS

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

	1	Pulbox, for Future Field Lights
	2	Conduit, for Future Field Lights
	3	Pulbox, for Future Scoreboard
	4	Conduit, for Future Scoreboard
	5	Pulbox, 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	G	Gas	SL	Site Lighting
CB	Catch Basin	GT	Gutter	S	Sanitary Sewer
CJ	Control Joint	GB	Grade Break	TB	Top of Bench
CM	Communications	RG	Rough Grade	TC	Top of Curb
COB	Clean Out Box	HPG	High Pressure Gas	TD	Trench Drain
CW	Cold Water	HL	Hydronics Line	TG	Top of Grate
DB	Drain Box	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
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) Pulbox and Conduit Locations are Diagrammatic, Verify Locations and Routes with Architect prior to trenching

G18

No Scale

Site Plan Legend

Consultant

Martin Luther King MS - Track Upgrades
Madera Unified School District
Madera, CA 93638

Project

PARTIAL SITE PLAN - PROJECT EAST

Drawing

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

Architect

No.	Revision/Submission	Date

Revision

Scale: 1" = 30'-0"	Designed By:	Copyright 2022 Darden Architects
Project Number: 2469.1	Checked By:	SD/A102
Date: 12/10/24	Reviewed By:	