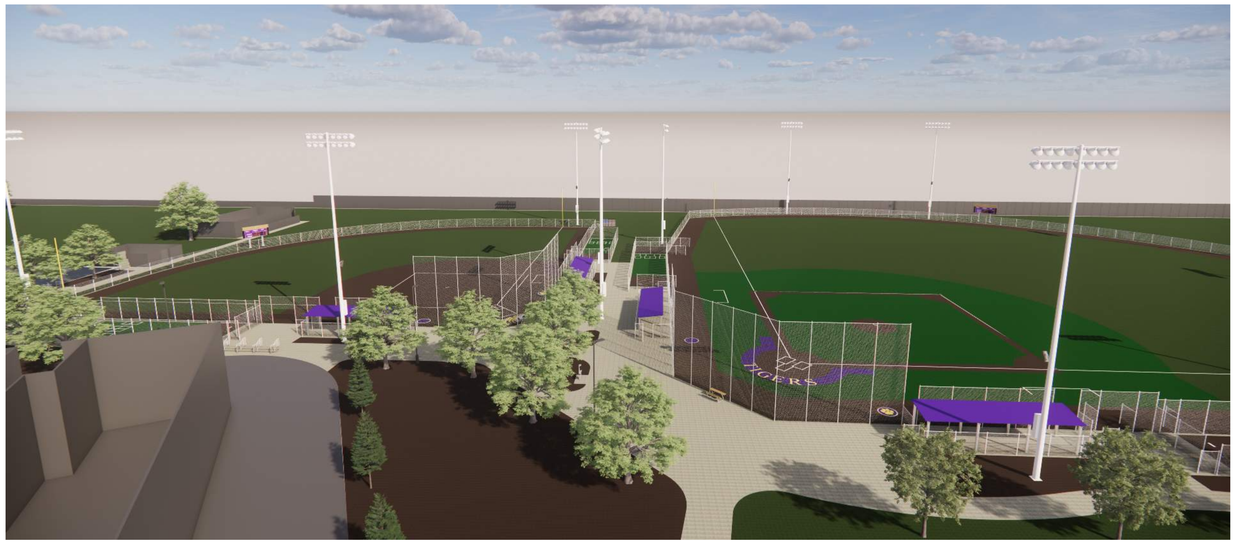
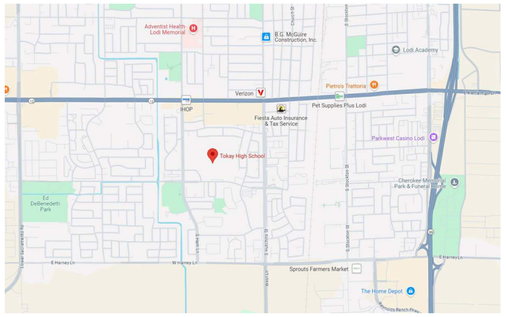
TOKAY HIGH SCHOOL

1111 CENTURY BOULEVARD, LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

ATHLETIC FIELDS IMPROVEMENTS





VICINITY MAP
N.T.S.

APPLICABLE CODES [Effective July 1, 2024 (u.o.n.)]:

TITLE 19, C.C.R. PUBLIC SAFETY DIVISION 1, STATE FIRE MARSHAL REGULATIONS
TITLE 24, C.C.R. PART 1, 2022 BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24, C.C.R. PART 2, 2022 CALIFORNIA BUILDING CODE, VOL. 1 & 2
TITLE 24, C.C.R. PART 3, 2022 CALIFORNIA ELECTRICAL CODE
TITLE 24, C.C.R. PART 4, 2022 CALIFORNIA MECHANICAL CODE
TITLE 24, C.C.R. PART 5, 2022 CALIFORNIA PLUMBING CODE
TITLE 24, C.C.R. PART 6, 2022 CALIFORNIA ENERGY CODE
TITLE 24, C.C.R. PART 9, 2022 CALIFORNIA FIRE CODE
TITLE 24, C.C.R. PART 10, 2022 CALIFORNIA EXISTING BUILDING CODE
TITLE 24, C.C.R. PART 11, 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
TITLE 24, C.C.R. PART 12, 2022 CALIFORNIA REFERENCE STANDARDS
(SEE 2022 CBC CHAPTER 35 FOR REFERENCED STANDARDS CURRENTLY IN AFFECT)
2024 CALIFORNIA BUILDING CODE VALUATION THRESHOLD: $203,611
2022 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)
2022 NFPA 24, PRIVATE FIRE MAINS
2022 NFPA 72, NATIONAL FIRE ALARM CODE

INSPECTOR CLASSIFICATION:

CLASS 3

DSA PROJECT TRACKING NUMBER: 68585-279

FILE NUMBER: 39-H4

APPLICATION NUMBER: 02-123298

SCOPE OF WORK:
REPLACE EXISTING BALLFIELDS WITH NEW SOFTBALL FIELD, BASEBALL FIELD AND ACCESSIBLE VIEWING AREA.
EACH BALL FIELD SHALL HAVE CHAINLINK FENCE BACKSTOPS AND SURROUNDS WITH BULLPENS. NEW PAVED ACCESS TO BALLPARKS AND VIEWING AREA, STADIUM LIGHTING AND A DRINKING FOUNTAIN WILL BE INCLUDED.

SEPARATE SUBMITTALS:
STADIUM LIGHTING

SEPARATE PC SUBMITTALS:
SCOREBOARDS
DUGOUTS

REFERENCE DSA SUBMITTAL:
EXISTING RESTROOMS: 02-117806

ARCHITECHNICA

OWNER

LODI UNIFIED SCHOOL DISTRICT
1305 E Vine St
Lodi, CA 95240

DISTRICT SUPERINTENDENT:
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P: (209) 331-7010
E: nyoung@lodiusd.net

DISTRICT DIRECTOR OF M&O:
Joe Patty
880 N. Guild Ave.
Lodi, CA 95240
P: (209) 331-7225
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1117 Windfield Way, Suite 110
El Dorado Hills, CA 95762
P: (916) 985-1870
F: (916) 985-1877
E: anthony@wceinc.com
www.wceinc.com

DESIGN TEAM:
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Seth Nisbet

LANDSCAPE ARCHITECT

SAM HARNED

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www.harnedla.com

DESIGN TEAM:
Sam Harned, Principal, LA

ARCHITECT

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www.architechnica.net

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Tim Dearborn, AIA - Principal Architect
Heidi Van Dyk, AIA - Project Architect

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San Jose, Ca 95126
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https://amceinc.com/

DESIGN TEAM:
Sammy Fernandez, P.E., Principal

3/17/2025 10:05:42 AM

02-123298

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Stockton, California 95207
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LICENSED ARCHITECT · TIMOTHY L. DEARBORN · C-25928 · RENEWAL 12 / 2025 · STATE OF CALIFORNIA

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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

REVISIONS

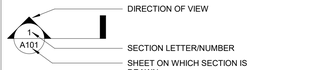
PROJECT NO:	2025-02
ISSUE SET:	CD
ISSUE DATE:	03/25/25
DRAWN BY:	HVD

COVER SHEET

G0.0

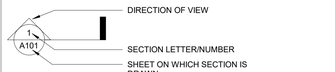
SYMBOLS LEGEND

BUILDING SECTION



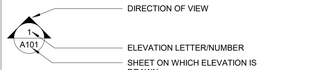
DRAWING TITLE

WALL SECTION

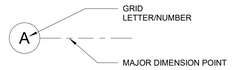


ROOM NUMBER

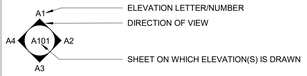
EXTERIOR ELEVATION MARK



GRID LINES



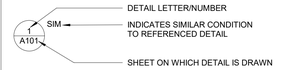
INTERIOR ELEVATION MARK

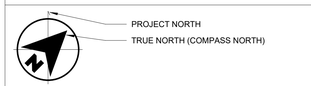


TAGS

A	WINDOW / STOREFRONT MARK - SEE WINDOW SCHEDULE
101	DOOR NUMBER - SEE DOOR SCHEDULE
01	CABINET MARK - SEE MILLWORK SCHEDULE
A	TOILET RM ACCESSORY MARK - SEE ACCESSORY SCHEDULE
A	EQUIPMENT MARK - SEE EQUIPMENT SCHEDULE
MTRL	MATERIAL / FINISH MARK - SEE FINISH SCHEDULE
KEYNOTE ID	ID NOTE - SEE INDIVIDUAL SHEETS FOR DESCRIPTION

DETAIL MARK





STATEMENT OF GENERAL CONFORMANCE

(APPLICATION NO. 02-123298 FILE NO. 39-H4)

[X] THE DRAWINGS OR SHEETS LISTED ON THE SHEET INDEX

[ ] THIS DRAWING, PAGE OF SPECIFICATIONS / CALCULATIONS

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344 OF TITLE 24, PART 1. (TITLE 24, PART 1, SECTION 4-317[b])

Signature

02/24/2025
Date

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

TIMOTHY DEARBORN, AIA
Print Name

C-25928
License Number

12 / 2025
Expiration Date

SHEET INDEX

GENERAL
G0.0 COVER SHEET
G0.1 ABBREVIATIONS, DESIGN DATA, SYMBOL LEGEND & SHEET INDEX
G1.1 LOCAL FIRE AUTHORITY REVIEW SITE PLAN

CIVIL
C0.1 COVER SHEET
C0.2 TOPOGRAPHIC SURVEY
C0.3 TOPOGRAPHIC SURVEY
C0.4 TOPOGRAPHIC SURVEY
C1.0 SITE ACCESS PLAN
C1.1 DEMOLITION PLAN
C1.2 DEMOLITION PLAN
C1.3 DEMOLITION PLAN
C2.0 ENGINEERED FILL PLAN
C2.1 HORIZONTAL CONTROL PLAN
C2.2 HORIZONTAL CONTROL PLAN
C2.3 HORIZONTAL CONTROL PLAN
C3.1 GRADING PLAN
C3.2 GRADING PLAN
C3.3 GRADING PLAN
C4.1 DRAINAGE PLAN
C4.2 DRAINAGE PLAN
C4.3 SITE WATER PLAN
C5.1 PAVING PLAN
C5.2 FENCING AND EQUIPMENT PLAN
C5.3 FENCING AND EQUIPMENT PLAN
C6.1 SYNTHETIC TURF LAYOUT AND COLOR PLAN
C7.1 EROSION AND SEDIMENT CONTROL PLAN
C7.2 EROSION NOTES AND DETAILS
C8.1 DETAILS AND SECTIONS
C8.2 DETAILS AND SECTIONS
C8.3 DETAILS AND SECTIONS
C8.4 DETAILS AND SECTIONS
C8.5 DETAILS AND SECTIONS
C8.6 DETAILS AND SECTIONS
C8.7 DETAILS AND SECTIONS

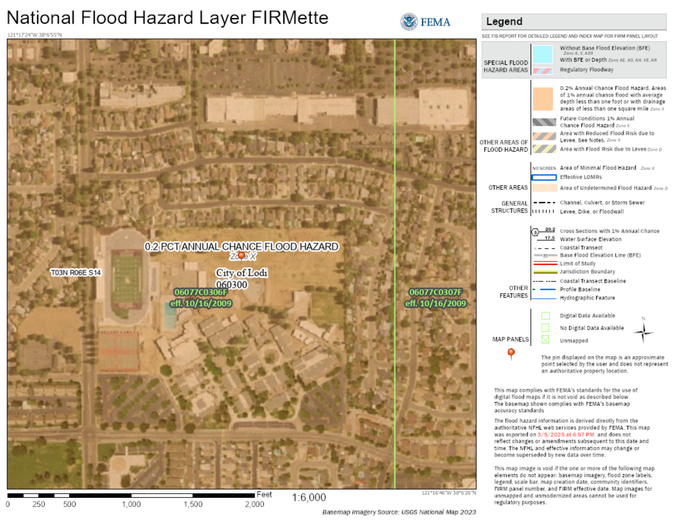
LANDSCAPE
L1.0 IRRIGATION SCHEDULE AND NOTES
L1.1 IRRIGATION PLAN
L1.2 IRRIGATION PLAN
L1.3 IRRIGATION PLAN
L2.1 PLANTING PLAN
L2.2 PLANTING PLAN
L2.3 PLANTING PLAN
L3.1 IRRIGATION DETAILS
L4.1 PLANTING DETAILS

ARCHITECTURAL
A1.1 SITE PLAN- EXISTING
A1.2 ENLARGED PROPOSED SITE PLAN
A4.1 EXISTING ENLARGED RESTROOM PLANS AND INTERIOR ELEVATIONS

ELECTRICAL
E0.1A GENERAL NOTES, SYMBOL LIST, ABBREV.
E1.1A ELECTRICAL SITE PLAN
E4.1A ELECTRICAL DETAILS

SHEET COUNT: 49

National Flood Hazard Layer FIRMette



ARCHITECTURAL ABBREVIATIONS

@	AT	
#	NUMBER	
°	DEGREE(S)	
Ø	DIAMETER	
[A]		
[A]	AB	ANCHOR BOLT
[A]	APPROX	APPROXIMATE
[A]	AP	ACCESS PANEL
[A]	ANOD	ANODIZE
[A]	ALUM	ALUMINUM
[A]	AGG	AGGREGATE
[A]	AFF	ABOVE FINISH FLOOR
[A]	ADJT	ADJUSTABLE
[A]	ADJ	ADJACENT
[A]	ADH	ADHESIVE
[A]	AD	AREA DRAIN
[A]	ACT	ACOUSTIC CEILING TILE
[A]	ACCS	ACCESS
[A]	AC	AIR CONDITIONING
[A]	ABV	ABOVE
[A]	ARCH	ARCHITECT(URAL)
[A]	ASB	ASBESTOS
[A]	ASPH	ASPHALT
[A]	AUTO	AUTOMATIC
[A]	AVG	AVERAGE
[B]		
[B]	BEL	BELOW
[B]	BETWN	BETWEEN
[B]	BIT	BITUMINOUS
[B]	BJT	BEDJOINT
[B]	BLDG	BUILDING
[B]	BLK	BLOCK
[B]	BLKG	BLOCKING
[B]	BM	BENCH MARK
[B]	BOT	BOTTOM
[B]	BRG	BEARING
[B]	BRK	BRICK
[B]	BRZ	BRONZE
[B]	BSMT	BASEMENT
[B]	BUR	BUILT-UP-ROOF
[B]	BVL	BEVELED
[B]	BD	BOARD
[C]		
[C]	CAB	CABINET
[C]	CAD	CADMIUM
[C]	CB	CATCH BASIN
[C]	CEM	CEMENT
[C]	CER	CERAMIC
[C]	CFL	COUNTERFLASH
[C]	CFT	CUBIC FT
[C]	CHAM	CHAMFER
[C]	CHBD	CHALKBOARD
[C]	CHT	CEILING HEIGHT
[C]	CI	CAST IRON
[C]	CIR	CIRCLE
[C]	CJT	CONTROL JOINT
[C]	CLG	CEILING
[C]	CLR	CLEAR(ANCE)
[C]	CLS	CLOSURE
[C]	CMU	CONCRETE MASONRY UNIT
[C]	COL	COLUMN
[C]	COMB	COMBINATION
[C]	COMP	COMPARTMENT
[C]	COMPO	COMPOSITION
[C]	CONC	CONCRETE
[C]	CONST	CONSTRUCT(ION)
[C]	CONT	CONTINUOUS
[C]	CONTR	CONTRACT(OR)
[C]	CPT	CARPET
[C]	CR	CLASSROOM
[C]	CRC	COLD ROLLED CHANNEL
[C]	CSMT	CASEMENT
[C]	CT	CERAMIC TILE
[C]	CTR	COUNTER
[C]	CTSK	COUNTERSUNK
[C]	CYD	CUBIC YARD
[D]		
[D]	DA	DOUBLE ACTING
[D]	DEM	DEMOLITION
[D]	DF	DRINKING FOUNTAIN
[D]	DIA	DIAMETER
[D]	DH	DOUBLE HUNG
[D]	DIAG	DIAGONAL
[D]	DIM	DIMENSION
[D]	DIV	DIVISION
[D]	DL	DEAD LOAD
[D]	DP	DAMP-PROOFING
[D]	DR	DOOR
[D]	DS	DOWNSPOUT
[D]	DTL	DETAIL
[D]	DW	DUMPWATER
[D]	DWG	DRAWING
[E]		
[E]	E	EXISTING
[E]	E	EAST
[E]	EA	EACH
[E]	EF	EACH FACE
[E]	EJT	EXPANSION JOINT
[E]	EL	ELEVATION
[E]	ELEC	ELECTRIC
[E]	EMER	EMERGENCY
[E]	ENC	ENCLOSURE
[E]	EP	EDGE OF PAVING
[E]	EQ	EQUAL
[E]	EQPT	EQUIPMENT
[E]	EST	ESTIMATE
[E]	EWC	ELECTRIC WATER COOLER
[E]	EX	EXISTING
[E]	EXC	EXCAVATE
[E]	EXH	EXHAUST
[E]	EXIST'G	EXISTING
[E]	EXP	EXPOSED
[E]	EXT	EXTERIOR
[F]		
[F]	FA	FIRE ALARM
[F]	FASTN	FASTEN(ER)
[F]	FBD	FIBERBOARD
[F]	FD	FLOOR DRAIN
[F]	FE	FIRE EXTINGUISHER
[F]	FEC	FIRE EXTINGUISHER CABINET
[F]	FFL	FINISH FLOOR LINE
[F]	FGL	FIBERGLASS
[F]	FHMS	FLAT HEAD MACHINE SCREW
[F]	FHSTS	FLAT HEAD SELF-TAPPING SCREW
[F]	FHWS	FLAT HEAD WOOD SCREW
[F]	FIN	FINISH
[F]	FLG	FLASHING
[F]	FLOUR	FLOURESCENT
[F]	FLR	FLOOR(ING)
[F]	FND	FOUNDATION
[F]	FOC	FACE OF CONCRETE
[F]	FOF	FACE OF FINISH
[F]	FOS	FACE OF STUDS OR SHEATHING
[F]	FPL	FIREPLACE
[F]	FTG	FOOTING
[F]	FUT	FUTURE
[G]		
[G]	GA	GAGE, GAUGE
[G]	GALV	GALVANIZED
[G]	GB	GRAB BAR
[G]	GC	GENERAL CONTRACTOR
[G]	GI	GALVANIZED IRON
[G]	GKT	GASKET
[G]	GL	GLASS
[G]	GRD	GRADE, GRADING
[G]	GRND	GROUND
[G]	GVL	GRAVEL
[G]	GYPBD	GYPSUM BOARD
[H]		
[H]	HB	HOSE BIB
[H]	HBD	HARDBOARD
[H]	HC	HOLLOW CORE
[H]	HDR	HEADER
[H]	HDWD	HARDWOOD
[H]	HDWR	HARDWARE
[H]	HJT	HEAD JOINT
[H]	HOR	HORIZONTAL
[H]	HT	HEIGHT
[H]	HTG	HEATING
[H]	HVAC	HEATING, VENTILATING & AIR-CONDITION
[H]	HW	HOT WATER
[I]		
[I]	ID	INSIDE DIAMETER
[I]	INCIN	INCINERATOR
[I]	INCL	INCLUDE
[I]	INSUL	INSULATE, INSULATION
[I]	INT	INTERIOR
[I]	INTM	INTERMEDIATE
[I]	INV	INVERT
[I]	IP	IRON PIPE
[J]		
[J]	JAN	JANITOR
[J]	JST	JOIST
[J]	JT	JOINT
[K]		
[K]	KCPL	KEEN CEMENT PLASTER
[K]	KIT	KITCHEN
[K]	KO	KNOCKOUT
[K]	KPL	KICKPLATE
[L]		
[L]	LAB	LABORATORY
[L]	LAD	LADDER
[L]	LAM	LAMINATE
[L]	LAV	LAVATORY
[L]	LBL	LABEL
[L]	LH	LEFT HAND
[L]	LL	LIVE LOAD
[L]	LPT	LOW POINT
[L]	LT	LIGHT
[L]	LTWT	LIGHT WEIGHT
[L]	LTL	LINTEL
[L]	LVR	LOUVER
[M]		
[M]	MAX	MAXIMUM
[M]	MB	MACHINE BOLT
[M]	MBR	MEMBER
[M]	MC	MEDICINE CABINET
[M]	MDO	MEDIUM DENSITY OVERLAY
[M]	MECH	MECHANICAL
[M]	MED	MEDIUM
[M]	MET	METAL
[M]	MFR	MANUFACTURER
[M]	MH	MANHOLE
[M]	MIN	MINIMUM
[M]	MIR	MIRROR
[M]	MISC	MISCELLANEOUS
[M]	MLD	MOLDING
[M]	MO	MASONRY OPENING
[M]	MOD	MODULE, MODULAR
[M]	MT	MOUNT(ED)
[M]	MTFR	METAL FURRING
[M]	MTHR	METAL THRESHOLD
[M]	MTL	MATERIAL, METAL
[M]	MULL	MULLION
[M]	MWK	MILLWORK
[N]		
[N]	N	NORTH
[N]	NAT	NATURAL
[N]	NIC	NOT IN CONTRACT
[N]	NL	NAILABLE
[N]	NO	NUMBER
[N]	NRC	NOISE REDUCTION COEFFICIENT
[N]	NTS	NOT TO SCALE
[O]		
[O]	OC	ON CENTER
[O]	OA	OVERALL
[O]	OBS	OBSCURE
[O]	OD	OUTSIDE DIAMETER
[O]	OH	OVERHEAD
[O]	OHMS	OVAL HEAD MACHINE SCREW
[O]	OHWS	OVAL HEAD WOOD SCREW
[O]	OLF	OCCUPANCY LOAD FACTOR
[O]	OPG	OPENING
[O]	OPH	OPPOSITE HAND
[O]	OPP	OPPOSITE
[P]		
[P]	PAR	PARALLEL
[P]	PB	PANIC BAR
[P]	PBD	PARTICLE BOARD
[P]	PCF	POUNDS PER CUBIC FOOT
[P]	PED	PEDESTAL
[P]	PERF	PERFORMANCE
[P]	PHWS	PHILIPS HEAD WOOD SCREW
[P]	PL	PROPERTY LINE, PLATE
[P]	PLAS	PLASTER
[P]	PLAS LAM	PLASTIC LAMINATE
[P]	PLF	POUNDS PER LINEAR FOOT
[P]	PLYWD	PLYWOOD
[P]	PNL	PANEL
[P]	PNT	PAINT
[P]	PRE-FIN	PREFINISHED
[P]	PROP	PROPERTY
[P]	PSF	POUNDS PER SQUARE FOOT
[P]	PSI	POUNDS PER SQUARE INCH
[P]	PT	POINT
[P]	PTDF	PRESSURE TREATED DOUGLAS FIR
[P]	PTN	PARTITION
[P]	PVC	POLY VINYL CHLORIDE
[P]	PVMT	PAVEMENT
[Q]		
[Q]	QT	QUART
[Q]	QUAN	QUANTITY
[R]		
[R]	RA	RETURN AIR
[R]	RAD	RADIUS
[R]	RCF	REINFORCED CONCRETE FOOTING
[R]	RD	ROOF DRAIN
[R]	REF	REFERENCE
[R]	REFG	REFRIGERATOR
[R]	REG	REGISTER
[R]	REINF	REINFORCE
[R]	RET	RETURN
[R]	REV	REVISION, REVISE
[R]	RFG	ROOFING
[R]	RFL	REFLECTANT(IVE)
[R]	RH	RIGHT HAND
[R]	RHWS	ROUND HEAD WOOD SCREW
[R]	RO	ROUGH OPENING
[R]	ROW	RIGHT OF WAY
[R]	RWD	REDWOOD
[R]	RWL	RAIN WATER LEADER
[R]	RR	RESTROOM
[S]		
[S]	S	SOUTH
[S]	SC	SOLID CORE
[S]	SCHED	SCHEDULE
[S]	SD	STORM DRAIN
[S]	SECT	SECTION
[S]	SER	SERVICE
[S]	SH	SHELF
[S]	SHT	SHEET
[S]	SHTG	SHEATHING
[S]	SIM	SIMILAR
[S]	SPEC	SPECIFICATION
[S]	SPKR	SPEAKER
[S]	SQ	SQUARE
[S]	SS	SERVICE SINK
[S]	SST	STAINLESS STEEL
[S]	ST	STEEL
[S]	STD	STANDARD
[S]	STG	SEATING
[S]	STOR	STORAGE
[S]	STRUCT	STRUCTURAL
[S]	SUSP	SUSPENDED
[S]	SYM	SYMBOL
[S]	SYN	SYNTHETIC
[S]	SYS	SYSTEM
[T]		
[T]	TOC	TOP OF CONCRETE
[T]	TOP	TOP OF PAVING
[T]	TP	TOILET PARTITION
[T]	T&G	TOUNGUE AND GROOVE
[T]	TEL	TELEPHONE
[T]	TER	TERMINAL
[T]	THK	THICK(NESS)
[T]	THRES	THRESHOLD
[T]	TKBD	TACKBOARD
[T]	TOPO	TOPOGRAPHICAL
[T]	TRANS	TRANSOM
[T]	TYP	TYPICAL
[T]	TO	TOP OF
[U]		
[U]	UC	UNDERCUT
[U]	UNFIN	UNFINISHED
[U]	UR	URINAL
[V]		
[V]	VJ	VERTICAL JOINT
[V]	VAR	VARNISH
[V]	VCT	VINYL COMPOSITION TILE
[V]	VEN	VENEER
[V]	VERT	VERTICAL
[V]	VF	VINYL FABRIC
[V]	VFTW	VINYL FABRIC TACK WALL
[V]	VG	VERTICAL GRAIN
[V]	VGDF	VERTICAL GRAIN DOUGLAS FIR
[V]	VT	VINYL TILE
[W]		
[W]	W	WEST
[W]	WAINS	WAINSCOT
[W]	WC	WATER CLOSET
[W]	WD	WOOD
[W]	WF	WIDE FLANGE
[W]	WGLS	WIRE GLASS
[W]	WH	WALL HUNG, WATER HEATER
[W]	W/	WITH
[W]	WI	WROUGHT IRON
[W]	WIN	WINDOW
[W]	WO	WITHOUT
[W]	WP	WEATHER PROOF
[W]	WR	WEATHER RESISTANT
[W]	WT	WEIGHT
[W]	WWF	WELDED WIRE FABRIC

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LICENSED ARCHITECT TIMOTHY L. DEARBORN C-25928 RENEWAL 12 / 2025 STATE OF CALIFORNIA

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02-123298

CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02

ISSUE SET: CD

ISSUE DATE: 03/25/25

DRAWN BY: HVD

ABBREVIATIONS, DESIGN DATA, SYMBOL LEGEND & SHEET INDEX

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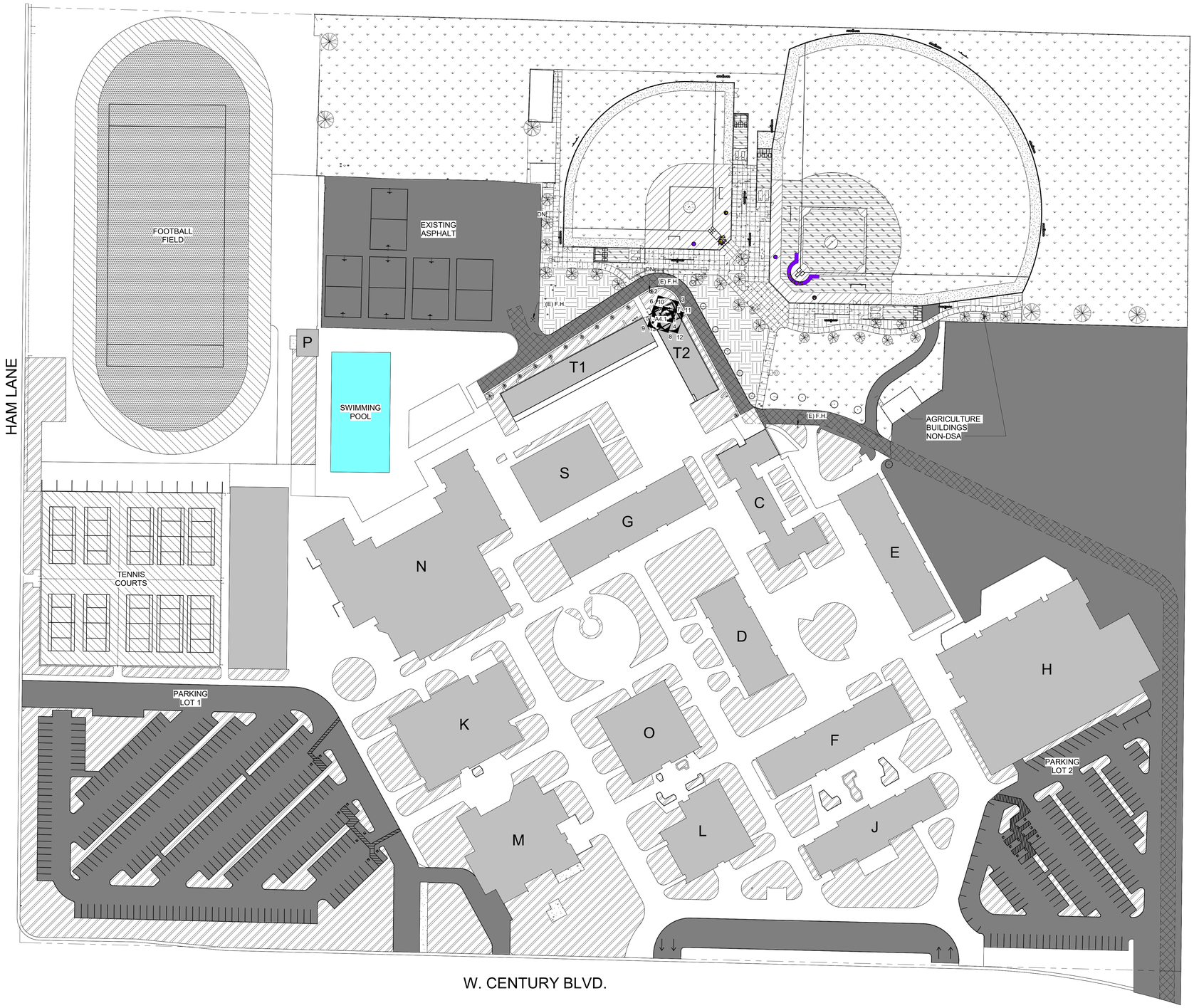

1 LOCAL FIRE AUTHORITY REVIEW SITE PLAN
1" = 60'-0"

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION	
School District/Owner:	Lodi Unified School District
Project Name/School:	Athletic Fields Improvements/ Tokay High School
Project Address:	1111 Century Blvd., Lodi, CA 95240

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☐		No ☑
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☐		No ☑
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Area	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			✓	
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			✓	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✓	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✓	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	
LFA Review Official:	
Title:	Work Phone:
Work Email:	

LFA Reviewer's Signature: _____ Date: _____

SITE LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING BUILDING (NOT IN SCOPE)
- EXISTING LANDSCAPE
- EXISTING ALL WEATHER SURFACE
- EXISTING ARTIFICIAL TURF
- EXISTING FIRE LANE SERVING PROJECT (DSA 02-117806)
- SITE LIGHTING, S.E.D.
- STADIUM LIGHTING
- NEW TREE, SEE LANDSCAPE PLANS
- CHAIN LINK FENCE
- NEW NATURAL GRASS/ TURF
- NEW CONCRETE
- NEW LANDSCAPE
- NEW DIRT/ WARNING TRACK
- NEW "GREEN" ARTIFICIAL TURF
- NEW "BROWN" ARTIFICIAL TURF
- NEW "PURPLE ARTIFICIAL TURF
- NEW "YELLOW" ARTIFICIAL TURF

02-123298

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LICENSED ARCHITECT ANDY L. DEARDEN C-25928 RENEWAL 12 / 2025 STATE OF CALIFORNIA

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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/25
DRAWN BY: HVD

LOCAL FIRE AUTHORITY REVIEW SITE PLAN

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TOKAY HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS

1111 West Century Blvd.
Lodi, CA 95242

TOKAY ATHLETICS

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
r	RADIUS
RIM	MANHOLE RIM ELEVATION
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
si	SIDE INLET
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALK
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

SYMBOLS LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

- 8" SD — STORM DRAIN LINE (SIZE AND FLOW SHOWN)
- STORM DRAIN MANHOLE (SDMH)
- CATCH BASIN (CB)
- DROP INLET (DI)
- AREA DRAIN (AD)
- PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
- CO — STORM DRAIN CLEANOUT
- 99.99 — ELEVATION
- FF=100.00 — FINISHED FLOOR ELEVATION
- PAD=99.33 — BUILDING PAD ELEVATION
- CONCRETE SIDEWALK
- GRADED DIRECTION FOR DRAINAGE FLOW
- SWALE
- SLOPE
- TREE TO BE REMOVED
- SAVE — TREE TO REMAIN
- RETAINING WALL
- O.R — OVERLAND RELEASE PATH

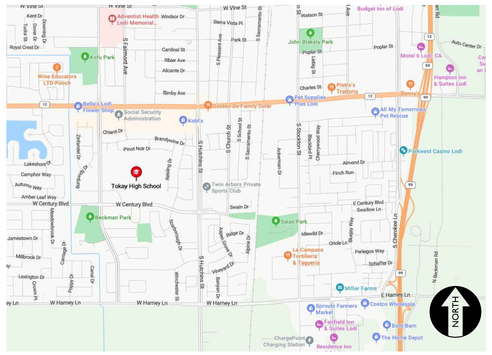
PROPOSED WATER SYMBOLS:

- 8" W — WATER LINE & SIZE
- 8" FS — FIRE LINE & SIZE
- 8" DW — DOMESTIC WATER LINE & SIZE
- 8" RW — RECLAIMED WATER LINE & SIZE
- 8" IRR — IRRIGATION SERVICE LINE & SIZE
- 8" NP — NON POTABLE WATER LINE & SIZE
- 8" SP — FIRE SPRINKLER SVC. LINE & SIZE
- GATE VALVE
- M — WATER METER
- FH — FIRE HYDRANT ASSEMBLY
- FDC — FIRE DEPARTMENT CONNECTION
- DC — DETECTOR CHECK VALVE
- DDC — DOUBLE DETECTOR CHECK VALVE
- RP — REDUCED PRESSURE BACKFLOW PREVENTER
- BUTTERFLY VALVE
- 1" — AIR RELEASE VALVE + SIZE
- 1" — BLOW-OFF VALVE + SIZE
- PIV — POST INDICATOR VALVE

PROPOSED SANITARY SEWER SYMBOLS:

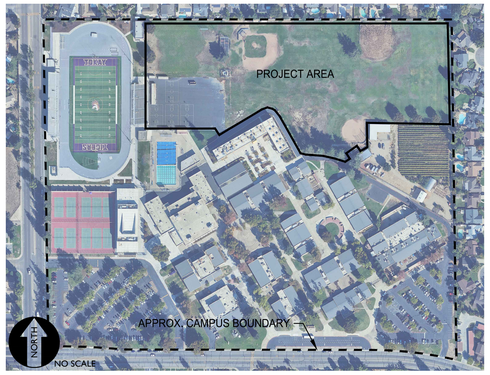
- 6" SS — SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
- SANITARY SEWER MANHOLE (SSMH)
- CO — SEWER CLEANOUT FLUSHER BRANCH

VICINITY MAP



SITE MAP

NO SCALE



APPLICABLE CODES & STANDARDS

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*

2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR

2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR

2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR

2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR

2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR

2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE REGULATIONS

NO SCALE

A. ADDENDA AND CHANGE ORDER PER SECTION 4-338.

B. INSPECTOR APPROVAL BY D.S.A. INSPECTOR AND CONTINUOUS INSPECTION OF WORK PER SECTION 4-333(B) AND 4-342, DUTIES OF PROJECT INSPECTOR.

C. TESTS AND TESTING LABORATORY PER SECTION 4-335 (DISTRICT SHALL PAY FOR THE TESTING LABORATORY).

D. SPECIAL INSPECTIONS PER SECTION 4-333(C).

E. CONTRACTOR SHALL SUBMIT VERIFIED REPORTS PER SECTION 4-336 AND 4-343(C), DUTIES OF THE CONTRACTOR.

F. DUTIES OF THE PROFESSIONAL ENGINEER (P.E.) SECTION 4-333(A) AND 4-341.

G. GOVERNING CODES TITLES 24, C.C.R.

H. A COPY OF TITLE 24 PART 1 AND PART 2 SHALL BE KEPT ON SITE AND AVAILABLE AT ALL TIME DURING CONSTRUCTION.

I. D.S.A. SHALL BE NOTIFIED OF START OF CONSTRUCTION PER SECTION 4-331.

J. SUPERVISION BY THE DIVISION OF STATE ARCHITECTS (D.S.A.) PER SECTION 4-334.

K. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS ARE TO GIVE DIRECTION TO CONSTRUCT THE IMPROVEMENTS SHOWN HEREIN FOR ACCESSIBILITY IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP WHICH ARE NOT COVERED BY THE CONTRACT DOCUMENTS, SUCH THAT THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TOO, AND APPROVED BY D.S.A. BEFORE PROCEEDING WITH WORK.

DEFERRED APPROVALS

NONE

PROJECT NARRATIVE

GENERAL ALTERATIONS TO ATHLETIC FIELDS, CONSISTING OF (1) BASEBALL FIELD, (1) SOFTBALL FIELD, (2) PRACTICE FIELDS, INCLUDING CONNECTING ACCESSIBLE WALKWAYS, BACKSTOP FENCING, DUGOUT AREAS (NOT DUGOUT STRUCTURE) AND ANCILLARY FLATWORK AND ASPHALT PAVING.

GENERAL NOTES

1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.

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

2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL, IF STAKED BY OTHERS. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
4. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS: AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION, AND/OR OBSERVATIONS ON THE SITE TO PRE-DETERMINE ALL HIS/HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK.. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
13. CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
15. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
16. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
17. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
18. ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE ONE-QUARTER THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
19. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
20. 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB SLAB CONSTRUCTION.
21. SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE, REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
22. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
23. REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

GENERAL PAVING SURFACE NOTES:

1. PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.
2. ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0%, AND NO LESS THAN 0.75% IN ANY DIRECTION, UNLESS SPECIFICALLY LABELED OTHERWISE. ALL CONCRETE SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS:
   - NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
   - NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
   - NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.
3. ALL FLATWORK WITHIN 5 FEET OF BUILDINGS SHALL SLOPE AT LEAST 1% MIN. AWAY FROM BUILDING BUT SHALL NOT EXCEED 1.8% MAXIMUM AS STATED ABOVE.

SHEET INDEX

NO.	SHEET DESCRIPTION
CIVIL	
C0.1	COVER SHEET
C0.2	TOPOGRAPHIC SURVEY
C0.3	TOPOGRAPHIC SURVEY
C0.4	TOPOGRAPHIC SURVEY
C1.0	SITE ACCESSIBILITY PLAN
C1.1	DEMOLITION PLAN
C1.2	DEMOLITION PLAN
C1.3	DEMOLITION PLAN
C2.0	ENGINEERED FILL PLAN
C2.1	HORIZONTAL CONTROL PLAN
C2.2	HORIZONTAL CONTROL PLAN
C2.3	HORIZONTAL CONTROL PLAN
C3.1	GRADING AND CONSTRUCTION PLAN
C3.2	GRADING AND CONSTRUCTION PLAN
C3.3	GRADING AND CONSTRUCTION PLAN
C4.1	DRAINAGE AND UTILITY PLAN
C4.2	DRAINAGE AND UTILITY PLAN
C4.3	SITE WATER PLAN
C5.1	PAVING PLAN
C5.2	FENCING AND EQUIPMENT PLAN
C5.3	FENCING AND EQUIPMENT PLAN
C6.1	SYN. TURF LAYOUT AND COLOR PLAN
C7.1	EROSION AND SEDIMENT CONTROL PLAN
C7.2	EROSION CONTROL NOTES AND DETAILS
C8.1	DETAILS AND SECTIONS
C8.2	DETAILS AND SECTIONS
C8.3	DETAILS AND SECTIONS
C8.4	DETAILS AND SECTIONS
C8.5	DETAILS AND SECTIONS
C8.6	DETAILS AND SECTIONS
C8.7	DETAILS AND SECTIONS

NO. SHEET DESCRIPTION

OWNER/USER

OWNER: LODI UNIFIED SCHOOL DISTRICT
1305 E. VINE STREET
LODI, CA 95240
TEL (209) 331-7000 MAIN
TEL (209) 331-7225 FACILITIES & PLANNING

OWNER CONTACT [NAME]
[PHONE]

USER: TOKAY HIGH SCHOOL
1111 W. CENTURY BOULEVARD
LODI, CA 95240
TEL (209) 331-7990
FAX: (209) 331-7168

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(209)-331-7990

PROJECT TEAM

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CIVIL: WARREN CONSULTING ENGINEERS, INC.
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LICENSED ARCHITECT · KEITH L. DEARBORN · C-29928 · RENEWAL 12/2025 · STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER · ANTHONY J TASSANO · No. 21468 · CIVIL · STATE OF CALIFORNIA

3/17/2025

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1117 WINDFIELD WAY, SUITE 110
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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

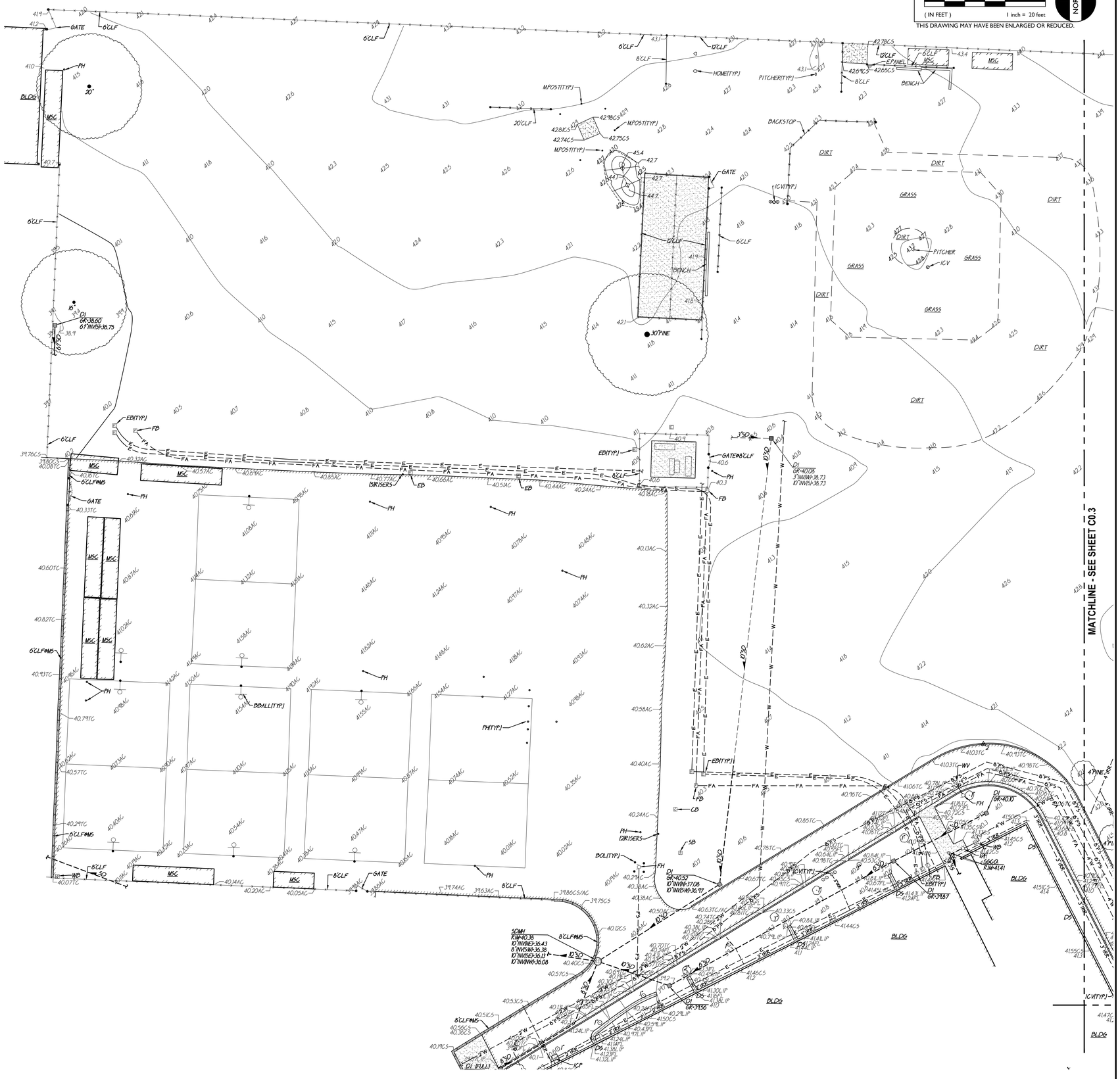
REVISIONS

PROJECT NO:	2025-02
ISSUE SET:	CD
ISSUE DATE:	03/25/2025
DRAWN BY:	AT/SMN

COVER SHEET

C0.1

PLOTTED: Monday, March 17, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C0.0.DWG



EXISTING TOPOGRAPHY

- = PROPERTY LINE
- = CENTERLINE
- = easement
- = PROPERTY CORNER FOUND AS NOTED
- = PROPERTY CORNER NOTHING FOUND OR SET
- 123 = TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- = SWALE OR DRAINAGE FLOW
- = DRAINAGE FLOW
- = FENCE (TYPE NOTED)
- = TREE (SIZE/TYPE INDICATED)
- = SLOPE
- 100 = CONTOUR
- = CONCRETE SURFACE
- = EDGE OF ASPHALT
- = EDGE OF BUILDING
- = SIGN
- = POST OR BOLLARD
- 99.9 = GROUND ELEVATION
- 99.99 = HARD SURFACE ELEVATION

EXISTING UTILITIES

- 12"SD = storm drain line (size & direction of flow)
- 12"SD = storm drain line (record information)
- 12"SD = storm drain line (UNDERGROUND LOCATING)
- SD = storm drain manhole
- = storm drain cleanout
- = drop inlet
- = AREA DRAIN
- RWL = RAIN WATER LEADER
- DS = downspout
- 12"SS = sanitary sewer line (size & direction of flow)
- 12"SS = sanitary sewer line (record information)
- 12"SS = sanitary sewer line (UNDERGROUND LOCATING)
- SS = sanitary sewer manhole
- = sanitary sewer cleanout
- —W— = water line (size indicated)
- - -W- - = water line (record information)
- — W — = water line (UNDERGROUND LOCATING)
- W = water manhole
- = water valve
- = water meter
- = water box
- = IRRIGATION CONTROL VALVE
- = FIRE HYDRANT
- = backflow preventer
- = SPRINKLER
- = hose bibb
- —OH-E— = OVERHEAD ELECTRIC LINE
- —E— = UNDERGROUND ELECTRIC LINE
- - -E- - = UNDERGROUND ELECTRIC LINE (record information)
- — E — = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- E = ELECTRIC MANHOLE
- = UTILITY POLE (WITH GUY WIRE)
- = ELECTRIC METER
- = ELECTRIC BOX
- = STREET LIGHTING BOX
- OR = LIGHT STANDARD
- = SIGNAL LIGHT
- = FLOOD LIGHT
- = ELECTRICAL OUTLET
- —G— = GAS LINE (SIZE INDICATED)
- - -G- - = GAS LINE (record information)
- — G — = GAS LINE (UNDERGROUND LOCATING)
- G = GAS MANHOLE
- = GAS VALVE
- = GAS METER
- —T— = telephone line
- - -T- - = telephone line (record information)
- — T — = telephone line (UNDERGROUND LOCATING)
- = STORM DRAIN BOX
- = TRAFFIC SIGNAL BOX

TBM LIST

NO.	DESCRIPTION	NORTH	EAST	ELEV
2	CPS CHISELED "+"	2767.16	1331.56	40.95
3	CPS CHISELED "+"	2494.92	1641.56	41.90
11	CPS CHISELED "+"	2897.51	808.42	40.64

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AA	ACCESSIBLE ACCESS
AC	ASPHALTIC CONCRETE
ACC	ACCESSIBLE
ACU	AIR CONDITIONING UNIT
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
APP	APPARATUS
BBALL	BASKETBALL POLE
BCM	BRASS CAP MONUMENT
BFP	BACK FLOW PREVENTER
BL.	BLOCK
BLDG	BUILDING
BOL	BOLLARD
BOV	BLOW-OFF VALVE
BR.	BRICK
B.W.F.	BARBED WIRE FENCE
C	COMMUNICATION
CAB	CABINET
CATV	CABLE TELEVISION
CIP	CAPPED IRON PIPE
C.L.F.	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
COL	COLUMN
CONC.	CONCRETE
COND.	CONDENSATE
CPF	CONTROL POINT FOUND
CPS	CONTROL POINT SET
CS	CONCRETE SURFACE
D	DEPTH
DDC	DOUBLE DETECTOR CHECK VALVE
DF	DRINKING FOUNTAIN
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DRWY	DRIVEWAY
DS	DOWNSPOUT
DWG	DRAWING
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FA	FIRE ALARM
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
FP	FLAGPOLE
FS	FIRE SERVICE
G	GAS
GB	GRADE BREAK
GR	GRATE
GRB	GROUND ROD BOX
GROD	GROUND ROD
GV	GAS VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HP	HIGH PRESSURE
HR	HANDRAIL
HVE	HIGH VOLTAGE ELECTRIC
HWF	HOG WIRE FENCE
ICP	IRRIGATION CONTROL PANEL
ICV	IRRIGATION CONTROL VALVE
INV	PIPE INVERT ELEVATION
IRR	IRRIGATION
JP	JOINT UTILITY POLE
JT	JOINT TRENCH
LNDG	LANDING
LVE	LOW VOLTAGE ELECTRIC
M	METAL
MH	MANHOLE
MS	MOW STRIP
MSC	METAL STORAGE CONTAINER
NTS	NOT TO SCALE
OH	OVERHEAD
OHANG	OVERHANG
OIP	OPEN IRON PIPE
OSPH	OLD STEEL POST HOLE
P/L	PROPERTY LINE
PA	PLANTER AREA
PB	PARKING BUMPER
PH	POSTHOLE
PIV	POST INDICATOR VALVE
PP	POWER POLE
PRKG	PARKING
PUE	PUBLIC UTILITY EASEMENT
PV	PAVERS
PVC	POLYVINYL CHLORIDE
RCG	ROLLED CURB AND GUTTER
RIM	MANHOLE RIM ELEVATION
ROW	RIGHT OF WAY
RW	REDWOOD
RWALL	RETAINING WALL
RWL	RAIN WATER LEADER
SB	SIGNAL BOX
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SIG	SIGNAL
SL	STREET LIGHT
SLB	STREET LIGHT BOX
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STL.	STEEL
T	TELEPHONE
TBALL	TETHER BALL POLE
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
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TRW	TOP OF RETAINING WALL
UG	UNDERGROUND
UNK	UNKNOWN
V	VENT
VBALL	VOLLEYBALL
W	WATER
WD.	WOOD
WF	WOOD FENCE
W.I.F.	WROUGHT IRON FENCE
W.R.F.	WOOD RAIL FENCE
XF	TRANSFORMER
XWALK	CROSSWALK

BASIS OF BEARINGS:

ASSUMED BASIS OF BEARING

NOTE:

EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES, RECORD INFORMATION AND UNDERGROUND LOCATING.

SCREENED PORTIONS OF THIS PLAN ARE NOT PART OF FIELD SURVEY AND HAVE BEEN TAKEN FROM VARIOUS RECORD SOURCES.

1 **TOPOGRAPHIC SURVEY**

SCALE 1" = 20'-0"

PLOTTED: Monday, March 17, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C0.2.DWG

02-123298

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RENEWAL 12/2025
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REGISTERED PROFESSIONAL ENGINEER
ANTHONY J TASSANO
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STATE OF CALIFORNIA
3/17/2025

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LODI UNIFIED SCHOOL DISTRICT

REVISIONS

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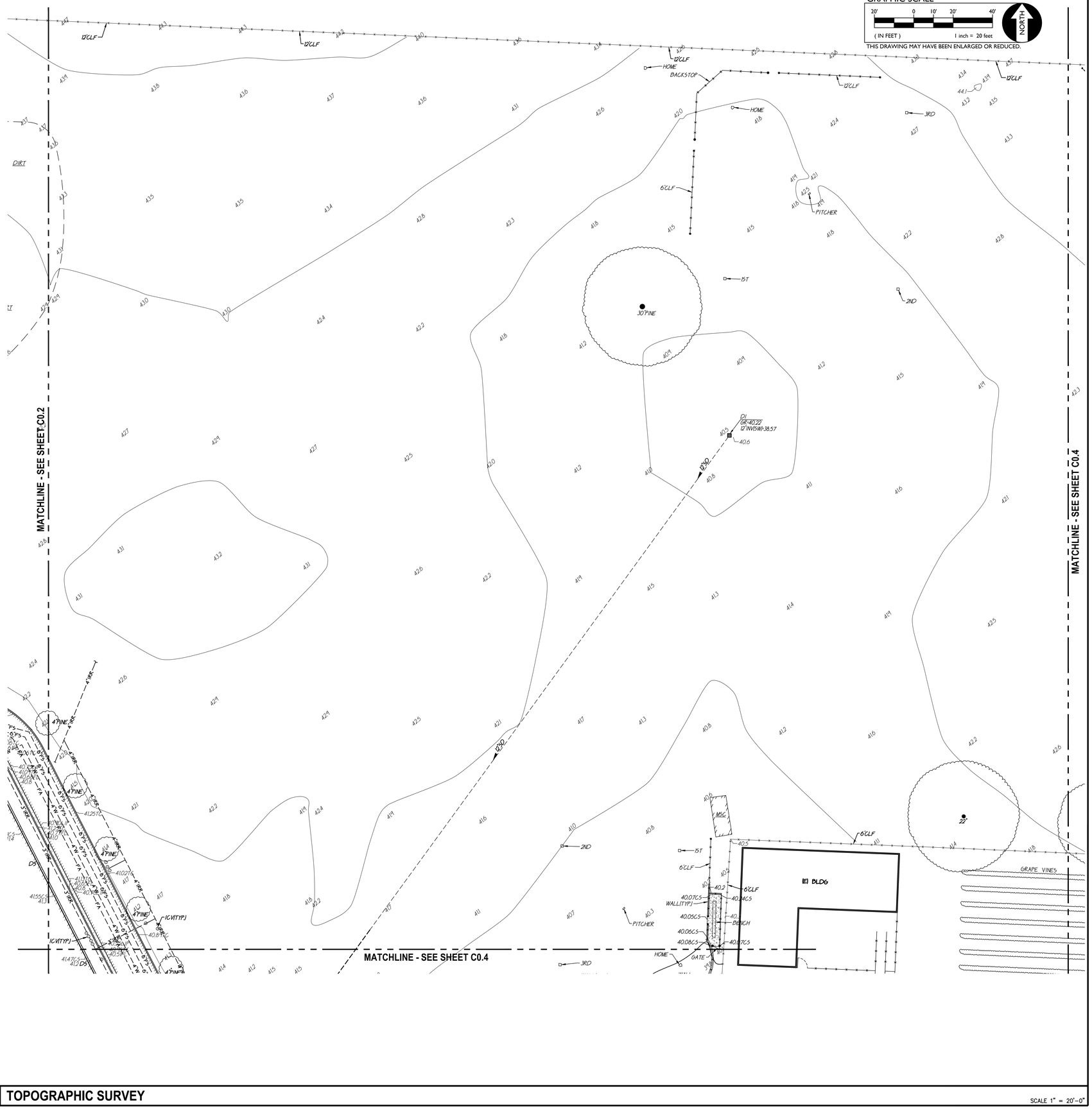
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

TOPOGRAPHIC SURVEY

C0.2



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BL.	BLOCK
BLDG	BUILDING
BOL	BOLLARD
BOV	BLOW-OFF VALVE
BR.	BRICK
B.W.F.	BARBED WIRE FENCE
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LVE	LOW VOLTAGE ELECTRIC
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1 **TOPOGRAPHIC SURVEY**

SCALE 1" = 20'-0"

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REGISTERED PROFESSIONAL ENGINEER ANTHONY J TASSANO NO. C74696 CIVIL STATE OF CALIFORNIA
3/17/2025

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REVISIONS

PROJECT NO:	2025-02
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TOPOGRAPHIC SURVEY

C0.3

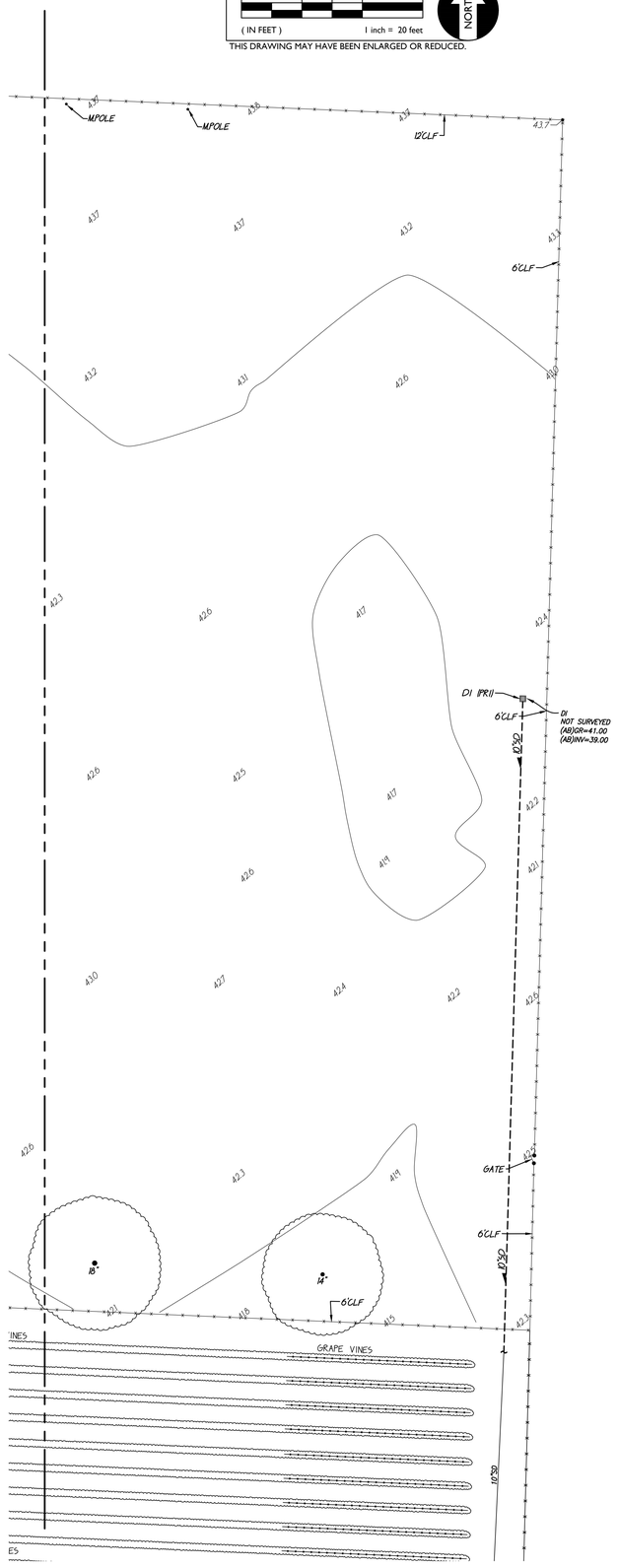
GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



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- 99.99 = HARD SURFACE ELEVATION

EXISTING UTILITIES

- 12"SD = STORM DRAIN LINE (SIZE & DIRECTION OF FLOW)
- 12"SD = STORM DRAIN LINE (RECORD INFORMATION)
- 12"SD = STORM DRAIN LINE (UNDERGROUND LOCATING)
- SD = STORM DRAIN MANHOLE
- = STORM DRAIN CLEANOUT
- = DROP INLET
- = AREA DRAIN
- RWL = RAIN WATER LEADER
- DS = DOWNSPOUT
- 12"SS = SANITARY SEWER LINE (SIZE & DIRECTION OF FLOW)
- 12"SS = SANITARY SEWER LINE (RECORD INFORMATION)
- 12"SS = SANITARY SEWER LINE (UNDERGROUND LOCATING)
- SS = SANITARY SEWER MANHOLE
- = SANITARY SEWER CLEANOUT

EXISTING UTILITIES (CONTINUED)

- W = WATER LINE (SIZE INDICATED)
- W = WATER LINE (RECORD INFORMATION)
- W = WATER LINE (UNDERGROUND LOCATING)
- W = WATER MANHOLE
- = WATER VALVE
- = WATER METER
- = WATER BOX
- = IRRIGATION CONTROL VALVE
- = FIRE HYDRANT
- = BACKFLOW PREVENTER
- = SPRINKLER
- = HOSE BIBB
- OH-E = OVERHEAD ELECTRIC LINE
- E = UNDERGROUND ELECTRIC LINE
- E = UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- E = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- E = ELECTRIC MANHOLE
- = UTILITY POLE (WITH GUY WIRE)
- = ELECTRIC METER
- = ELECTRIC BOX
- = STREET LIGHTING BOX
- OR = LIGHT STANDARD
- = SIGNAL LIGHT
- = FLOOD LIGHT
- = ELECTRICAL OUTLET
- G = GAS LINE (SIZE INDICATED)
- G = GAS LINE (RECORD INFORMATION)
- G = GAS LINE (UNDERGROUND LOCATING)
- G = GAS MANHOLE
- = GAS VALVE
- = GAS METER
- T = TELEPHONE LINE
- T = TELEPHONE LINE (RECORD INFORMATION)
- T = TELEPHONE LINE (UNDERGROUND LOCATING)
- = STORM DRAIN BOX
- = TRAFFIC SIGNAL BOX

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AA	ACCESSIBLE ACCESS	ICP	IRRIGATION CONTROL PANEL
AC	ASPHALTIC CONCRETE	ICV	IRRIGATION CONTROL VALVE
ACC	ACCESSIBLE	INV	PIPE INVERT ELEVATION
ACU	AIR CONDITIONING UNIT	IRR	IRRIGATION
AD	AREA DRAIN	JP	JOINT UTILITY POLE
APN	ASSESSOR'S PARCEL NUMBER	JT	JOINT TRENCH
APP	APPARATUS	LNDG	LANDING
BBALL	BASKETBALL POLE	LVE	LOW VOLTAGE ELECTRIC
BCM	BRASS CAP MONUMENT	M	METAL
BFP	BACK FLOW PREVENTER	MH	MANHOLE
BL	BLOCK	MS	MOW STRIP
BLDG	BUILDING	MSC	METAL STORAGE CONTAINER
BOL	BOLLARD	NTS	NOT TO SCALE
BOV	BLOW-OFF VALVE	OH	OVERHEAD
BR	BRICK	OHANG	OVERHANG
B.W.F.	BARBED WIRE FENCE	OIP	OPEN IRON PIPE
C	COMMUNICATION	OSPH	OLD STEEL POST HOLE
CAB	CABINET	P/L	PROPERTY LINE
CATV	CABLE TELEVISION	PA	PLANTER AREA
CIP	CAPPED IRON PIPE	PB	PARKING BUMPER
C.L.F.	CHAIN LINK FENCE	PH	POSTHOLE
CMP	CORRUGATED METAL PIPE	PIV	POST INDICATOR VALVE
CO	CLEANOUT	PP	POWER POLE
COL	COLUMN	PRKG	PARKING
CONC.	CONCRETE	PUE	PUBLIC UTILITY EASEMENT
COND.	CONDENSATE	PV	PAVERS
CPF	CONTROL POINT FOUND	PVC	POLYVINYL CHLORIDE
CPS	CONTROL POINT SET	RCG	ROLLED CURB AND GUTTER
CS	CONCRETE SURFACE	RIM	MANHOLE RIM ELEVATION
D	DEPTH	ROW	RIGHT OF WAY
DDC	DOUBLE DETECTOR CHECK VALVE	RW	REDWOOD
DF	DRINKING FOUNTAIN	RWALL	RETAINING WALL
DG	DECOMPOSED GRANITE	RWL	RAIN WATER LEADER
DI	DROP INLET	SB	SIGNAL BOX
DIA	DIAMETER	SD	STORM DRAIN
DRWY	DRIVEWAY	SDMH	STORM DRAIN MANHOLE
DS	DOWNSPOUT	SIG	SIGNAL
DWG	DRAWING	SL	STREET LIGHT
E	ELECTRIC	SLB	STREET LIGHT BOX
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
ESMT	EASEMENT	SSCO	SANITARY SEWER CLEANOUT
EX	EXISTING	SSMH	SANITARY SEWER MANHOLE
FA	FIRE ALARM	STL.	STEEL
FDC	FIRE DEPARTMENT CONNECTION	T	TELEPHONE
FFE	FINISHED FLOOR ELEVATION	TBALL	TETHER BALL POLE
FH	FIRE HYDRANT	TBM	TEMPORARY BENCHMARK
FL	FLOWLINE	TC	TOP OF CURB
FP	FLAGPOLE	TOW	TOP OF WALL
FS	FIRE SERVICE	TP	TELEPHONE POLE
G	GAS	TRW	TOP OF RETAINING WALL
GB	GRADE BREAK	UG	UNDERGROUND
GR	GRATE	UNK	UNKNOWN
GRB	GROUND ROD BOX		VENT
GROD	GROUND ROD	VBALL	VOLLEYBALL
GV	GAS VALVE		WATER
HB	HOSE BIBB	WD.	WOOD
HBD	HEADER BOARD	WF	WOOD FENCE
HP	HIGH PRESSURE	W.I.F.	WROUGHT IRON FENCE
HR	HANDRAIL	W.R.F.	WOOD RAIL FENCE
HVE	HIGH VOLTAGE ELECTRIC	WF	TRANSFORMER
HWF	HOG WIRE FENCE	XWALK	CROSSWALK

TBM LIST

NO.	DESCRIPTION	NORTH	EAST	ELEV
2	CPS CHISELED "+"	2767.16	1331.56	40.95
3	CPS CHISELED "+"	2494.92	1641.56	41.90
11	CPS CHISELED "+"	2897.51	808.42	40.64

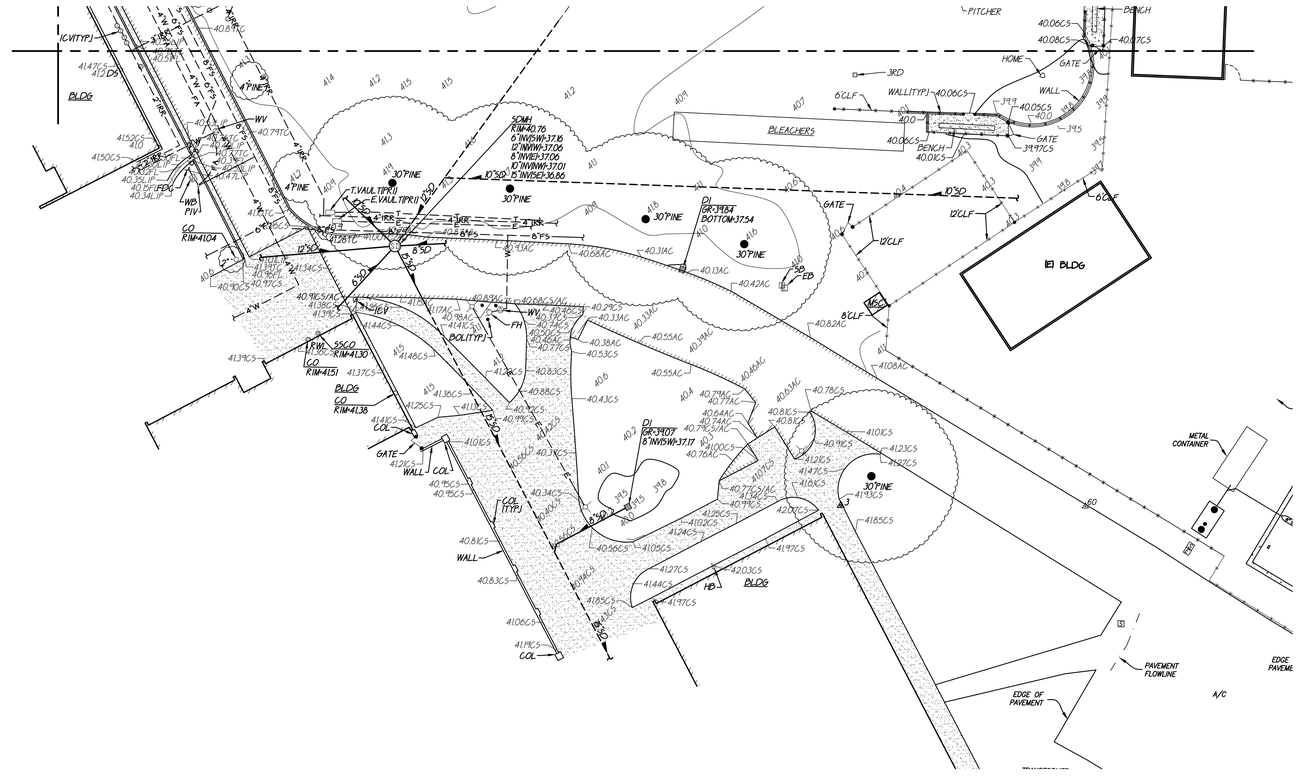
BASIS OF BEARINGS:

ASSUMED BASIS OF BEARING

NOTE:

EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES, RECORD INFORMATION AND UNDERGROUND LOCATING.

SCREENED PORTIONS OF THIS PLAN ARE NOT PART OF FIELD SURVEY AND HAVE BEEN TAKEN FROM VARIOUS RECORD SOURCES.



1 **TOPOGRAPHIC SURVEY** SCALE 1" = 20'-0"

2 **TOPOGRAPHIC SURVEY** SCALE 1" = 20'-0"

PLOTTED: Sunday, March 16, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C0.2.DWG

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TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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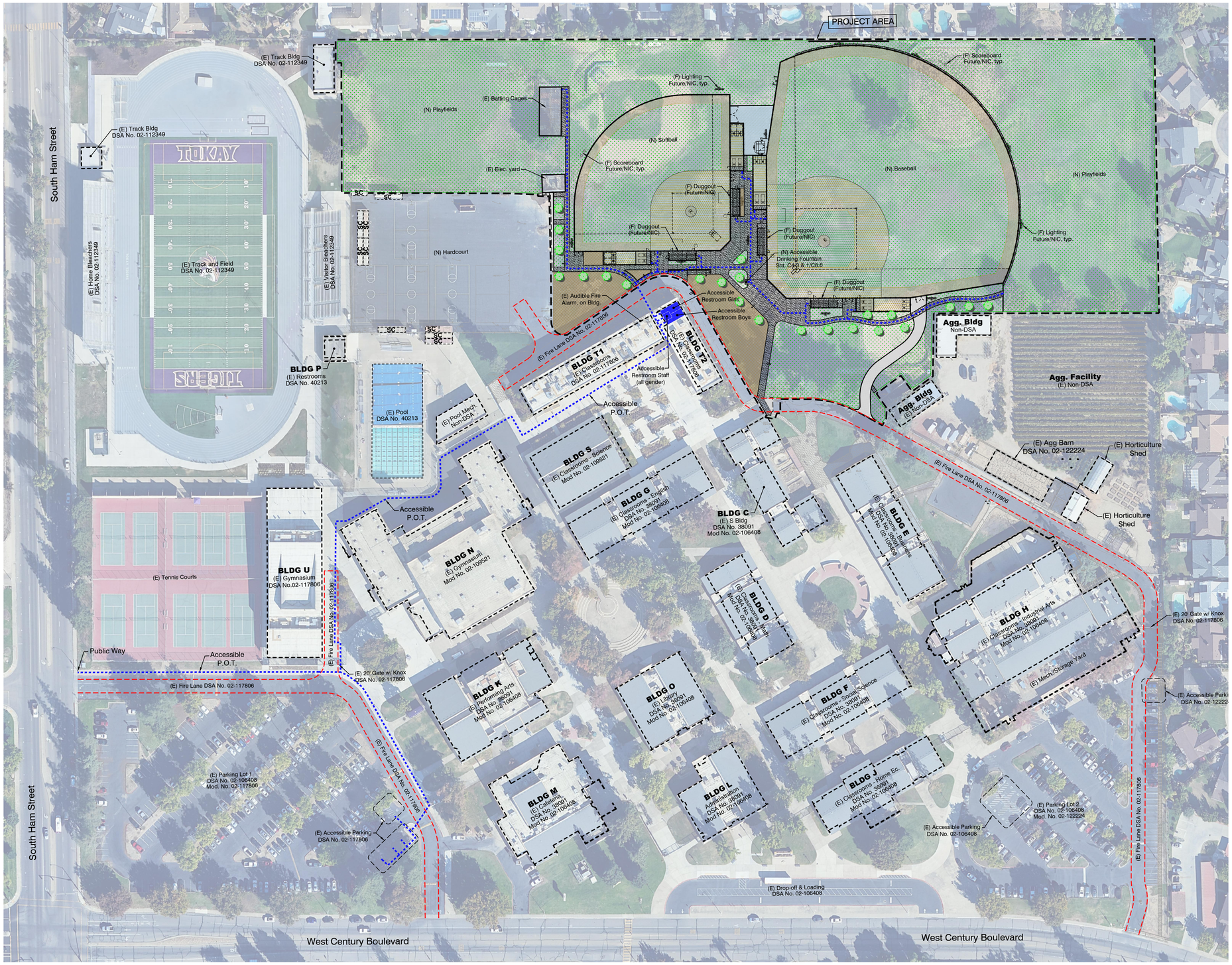
LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

TOPOGRAPHIC SURVEY

C0.4



1 SITE ACCESS PLAN

SCALE 1" = 60'-0"

ACCESSIBLE PATH OF TRAVEL (P.O.T.)

TO THE BEST OF THE KNOWLEDGE OF THE ARCHITECT AND/OR ENGINEER, OR THE DISTRICT, THE PATH OF TRAVEL (P.O.T.) AS INDICATED, IS A BARRIER FREE ACCESS ROUTE CONFORMING TO THE FOLLOWING:

1. THERE ARE NO ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1V:2H MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX.
2. THE MINIMUM WIDTH OF THE P.O.T. IS 48" AT ANY GIVEN POINT. (11B-403.5.1)
3. THE SURFACE OF THE P.O.T. STABLE, FIRM, AND SLIP RESISTANT. (11B-403.2)
4. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5.0% (11B-403.3), UNLESS OTHERWISE INDICATED, WITH THE FOLLOWING EXCEPTIONS:
   A. THE SLOPED PORTION OF "RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-405.2).
   B. THE SLOPED PORTION OF A "CURB RAMP" DOES NOT EXCEED 8.33% (1V:12H) IN THE DIRECTION OF TRAVEL (11B-406.2.1 AND 11B-406.3.1).
5. THE CROSS SLOPE OF THE ACCESSIBLE PATH OF TRAVEL DOES NOT EXCEED 2% AT ANY GIVEN POINT (11B-403.3).
6. THE ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307).
7. THERE ARE NO PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
8. PASSING SPACES AT LEAST 60"X60" ARE LOCATED NOT MORE THAT 200' APART. (11B-403.5.3)
9. PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. (11B-407.3)
10. THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING. (11B-303.5)
11. ARCHITECT AND CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.
12. THERE ARE NO GRATINGS WITHIN THE PATH OF TRAVEL WITH GRATE OPENINGS EXCEEDING 1/2" IN THE DIRECTION OF TRAVEL. (11B-302.3)

LEGEND

- EXISTING BUILDING NOT MODERNIZED BY THIS APPLICATION.
- ACCESSIBLE PATH OF TRAVEL (P.O.T.)
- LIMIT/END OF PATH OF TRAVEL THIS PROJECT.
- PATH OF TRAVEL CONTINUATION INTO ACCESSIBLE AREA.
- EXISTING CONCRETE WALKWAY
- SCOPE OF PROJECT
- PROPERTY LINE
- ROAD CENTERLINE
- SC — NEW STORAGE, SHED/CONTAINER, LOCATION COMPLIES W/ DSA IR A-27, SEE GRADING PLAN & GENERAL NOTE, THIS SHEET, BOTTOM LEFT.
- SC — EXISTING STORAGE, SHED/CONTAINER, TO BE RELOCATED IN ACCORDANCE W/ DSA IR A-27, SEE GRADING PLAN & GENERAL NOTE, THIS SHEET, BOTTOM LEFT.
- (E) EXISTING
- (N) NEW
- (F) FUTURE, NOT PART OF THIS PERMIT.

FIRE LANE NOTES

FIRE LANE AS SHOWN ON THIS PLAN AS DESCRIBED AS FOLLOWS:

FIRE LANE — FIRELANE IS SHOWN PER DSA NO.02-117806

THIS PROJECT PROPOSES NO CHANGES, ADDITIONS OR ALTERATIONS TO THE APPROVED AND PRE-EXISTING FIRE ACCESS ROUTING AS DEPICTED ON THIS PLAN.

FIRE LANE IS AN UNOBSTRUCTED PATH OF NOT LESS THAN 20 FEET WIDE IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE SECTIONS INCLUDING, BUT NOT LIMITED TOO:
CHAPTER 5 - FIRE SERVICE FEATURES
SECTION 503 - FIRE APPARATUS ACCESS ROADS
SECTION 506 - KEY BOXES
APPENDIX D - FIRE APPARATUS ACCESS ROAD

DSA PR-1501

"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 noncompliant 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."

Storage Container Use and Placement Limitations

1. The maximum size is 10' wide by 60' long.
2. The maximum height is 10'.
3. They are not used to store hazardous materials exceeding the exempted quantities as indicated on California Building Code (CBC) Tables 307.1(1) and 307.1(2). The school district is responsible for contacting the local regulating authority regarding any necessary storage and use permits.
4. They are not stacked upon each other or elevated by a substructure.
5. They are placed directly on even grade (not sloping more than 1/4:12) and at a distance of five feet or more away from the top of any descending inclination having slope greater than 1:12.
6. They are not placed in fire access lanes.
7. They are maintained to ensure their structural integrity is not compromised.
8. They are not modified by the addition of doors or windows.
9. They are located a minimum of 20 feet from any building.
10. They shall not be placed within any building's required side yard setback.
11. They shall be placed a minimum of five feet from property lines adjoining commercial, industrial or residential zoned property.
12. They may have a zero-foot setback at property lines, adjoining streets or public right-of-ways.

PARKING CALCULATION

PARKING TOTALS - LOT 1	EXISTING	PROPOSED
STANDARD PARKING STALLS	292	292
ACCESSIBLE PARKING SPACES	7	7
OVERALL TOTAL PARKING SPACES	299	299
(E) ACCESSIBLE SPACE REQUIREMENTS	REQUIRED	PROVIDED
REQUIRED ACCESSIBLE SPACES (CAR)	5	5
REQUIRED ACCESSIBLE SPACES (VAN)	2	2
TOTAL REQUIRED ACCESSIBLE SPACES (PER 2022 CBC SECTION 11B-208.2)	7	7

PARKING TOTALS - LOT 2	EXISTING	PROPOSED
STANDARD PARKING STALLS	174	174
ACCESSIBLE PARKING SPACES	6	6
OVERALL TOTAL PARKING SPACES	180	180
(E) ACCESSIBLE SPACE REQUIREMENTS	REQUIRED	PROVIDED
REQUIRED ACCESSIBLE SPACES (CAR)	5	5
REQUIRED ACCESSIBLE SPACES (VAN)	1	1
TOTAL REQUIRED ACCESSIBLE SPACES (PER 2022 CBC SECTION 11B-208.2)	6	6

GRAPHIC SCALE

60' 0 30' 60' 120'
(IN FEET) 1 inch = 60 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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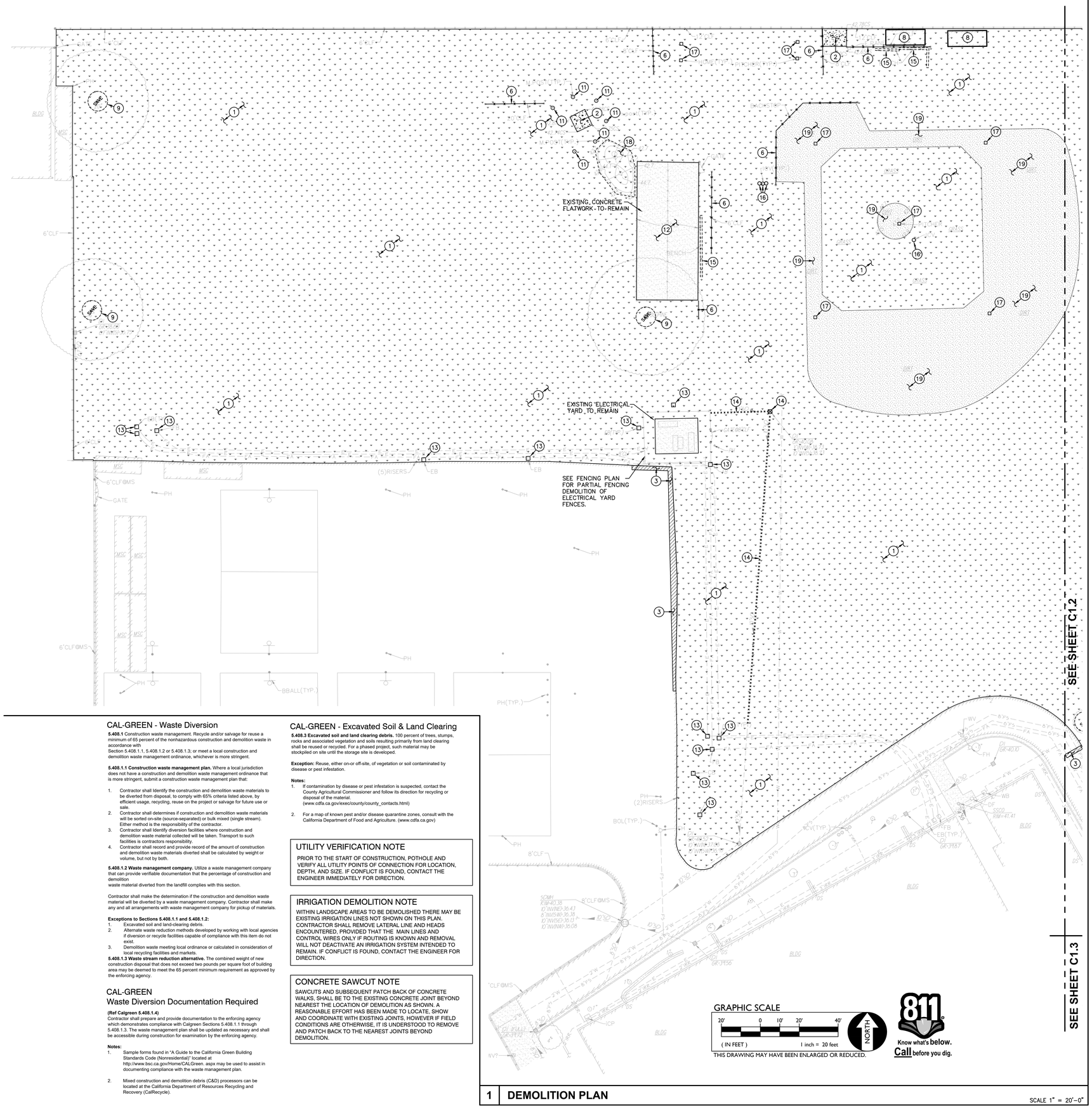
DRAWN BY: AT/SMN

SITE ACCESS PLAN

C1.0

PLOTTED:Monday, March 17, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C1.0.DWG



1 DEMOLITION PLAN

SCALE 1" = 20'-0"

CAL-GREEN - Waste Diversion

5.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with
Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance that is more stringent, submit a construction waste management plan that:

1. Contractor shall Identify the construction and demolition waste materials to be diverted from disposal, to comply with 65% criteria listed above, by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Contractor shall determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream). Either method is the responsibility of the contractor.
3. Contractor shall Identify diversion facilities where construction and demolition waste material collected will be taken. Transport to such facilities is contractors responsibility.
4. Contractor shall record and provide record of the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste management company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition
waste material diverted from the landfill complies with this section.

Contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company. Contractor shall make any and all arrangements with waste management company for pickup of materials.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:
1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65 percent minimum requirement as approved by the enforcing agency.

CAL-GREEN
Waste Diversion Documentation Required

(Ref Calgreen 5.408.1.4)
Contractor shall prepare and provide documentation to the enforcing agency which demonstrates compliance with Calgreen Sections 5.408.1.1 through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:
1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at http://www.bsc.ca.gov/Home/CALGreen. aspx may be used to assist in documenting compliance with the waste management plan.

2. Mixed construction and demolition debris (C&D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

CAL-GREEN - Excavated Soil & Land Clearing

5.408.3 Excavated soil and land clearing debris. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on-or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:
1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (www.cdfa.ca.gov/exec/county/county_contacts.html)

2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

UTILITY VERIFICATION NOTE

PRIOR TO THE START OF CONSTRUCTION, POTHOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

IRRIGATION DEMOLITION NOTE

WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINE AND HEADS ENCOUNTERED, PROVIDED THAT THE MAIN LINES AND CONTROL WIRES ONLY IF ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEM INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.

CONCRETE SAWCUT NOTE

SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND NEAREST THE LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.

DEMOLITION GENERAL NOTES

1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
2. NO BURNING OR BLASTING SHALL BE PERMITTED.
3. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
6. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN IN THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.
7. THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTEND.
8. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REINSTALLED AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
9. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION..
10. CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2019 CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
11. CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIMING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY LOCATED UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
12. ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL. ONSITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.

DEMOLITION NOTES

LEGEND — AND/OR — DEMOLITION NOTES

1. REMOVE ALL PLANTS, SHRUBS, EXISTING VEGETATION, AND IRRIGATION SYSTEMS. REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL SITE CLEARING REQUIREMENTS. SEE GENERAL IRRIGATION NOTE, THIS SHEET. SEE LANDSCAPE AND IRRIGATION PLANS.
2. REMOVE EXISTING CONCRETE PAVING AND BASE AGGREGATES (IF EXIST). WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
3. SAWCUT AND REMOVE EXISTING ASPHALT PAVING AND BASE AGGREGATE TO PROVIDE FOR NEW CONSTRUCTION. SAWCUTS SHALL BE NEAT AND STRAIGHT. MAINTAIN CLEAN STRAIGHT CUT EDGE UNTIL NEW PAVING PLACED, OR NEW CUTS WILL BE REQUIRED.
4. REMOVE EXISTING CONCRETE CURB/CURB GUTTER.
5. REMOVE EXISTING SIGN TO INCLUDE POST AND CONCRETE BASE. SALVAGE FOR RE-INSTALLATION. SEE STRIPING PLAN.
6. REMOVE EXISTING FENCING AND OR GATES AS SHOWN. REMOVAL TO INCLUDE ALL POSTS AND CONCRETE BASES. BACKFILL WITH CLASS II AB IN 6" LIFTS, EACH COMPACTED TO 95%.
7. REMOVE EXISTING UTILITY BOX. EXISTING UTILITY TO REMAIN, PROTECT FROM DAMAGE. ENSURE ALL UTILITY IS TURNED OFF OR OTHERWISE DEACTIVATED PRIOR TO DEMOLITION. COORDINATE ALL UTILITY SHUT OFFS WITH DISTRICT AT LEAST 72 HOURS PRIOR.
8. SALVAGE AND REMOVE EXISTING STORAGE CONTAINER. STORE AT TEMPORARY LOCATION ONSITE. WHEN FINAL CONSTRUCTION MOSTLY COMPLETE, PLACE TO NEW LOCATIONS SHOWN ON GRADING AND CONSTRUCTION PLANS.
9. EXISTING TREE TO REMAIN AND BE PROTECTED FROM DAMAGE. PROVIDE PROTECTIVE FENCING IF NEEDED. TREES WITHIN 20 FEET OF EQUIPMENT TRAFFIC SHALL BE PROVIDED WITH TEMPORARY 2x4'S STRAPPED VERTICALLY ON TRUNK OF TREE FOR VEHICULAR IMPACT PROTECTION. 2x4'S SHALL BE SPACED WITH NO GREATER THAN A 6" GAP BUT ONLY NEED BE PLACED ON THE HALF CIRCUMFERENCE FACING EQUIPMENT TRAFFIC.
10. REMOVE EXISTING TREE AND ROOTS. IF SMALL ROOTS OR ROOT FRAGMENTS REMAIN (>1" IN DIA.), CONTRACTOR TO REMOVE BY HAND IF NECESSARY. BACKFILL VOID PER GRADING SPECIFICATIONS. IT IS HIGHLY RECOMMENDED WET AND DRY UTILITIES BE READY TO SHUTOFF SHOULD A ROOT DAMAGE A LINE DURING TREE REMOVAL. ROOTS 1/4" IN DIAMETER AND LARGER MUST BE REMOVED FROM EXCAVATED SOIL PLANNED FOR USE AS ENGINEERED FILL.
11. REMOVE EXISTING BOLLARD POST AND CONCRETE BASE. BACKFILL VOID WITH CLASS II AB IN 6" LIFTS, EACH COMPACTED TO 95%.
12. EXISTING CONCRETE BATTING CAGE FLATWORK TO REMAIN. REMOVE ALL RUBBER MATS, PADS, AND CLEAR ALL WEEDS AND OTHER DEBRIS TO ALLOW FOR NEW WORK.
13. EXISTING UTILITY BOX TO REMAIN. PROTECT FROM DAMAGE. ADJUST TO FINISHED GRADE AS NEEDED.
14. REMOVE EXISTING STORM DRAIN PIPE OR INLET AS SHOWN.
15. REMOVE EXISTING BENCH TO INCLUDE ANY FOOTINGS. METAL BENCHES IN GOOD CONDITION TO BE SALVAGED AND PROVIDED TO DISTRICT. WOOD BENCHES, AND METAL BENCHES IN POOR SHAPE TO BE REMOVED AND DISPOSED OF.
16. REMOVE EXISTING IRRIGATION CONTROL VALVES, SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION. NOTE: ADDITIONAL IRRIGATION SYSTEM DEMOLITION MAY BE SHOWN ON THOSE PLANS THAN DEPICTED HERE.
17. REMOVE EXISTING BASES AND PITCHERS BLOCKS TO INCLUDE SLEEVE AND CONCRETE FOOTING (IF EXISTS). IF IN GOOD CONDITION THEY SHALL BE SALVAGED AND PROVIDED TO DISTRICT.
18. REMOVE EXISTING SOILS/MATERIALS PILE.
19. REMOVE EXISTING CLAY AND INFIELD FINES. FINES ARE RELATIVELY CONTAMINATED WITH SOIL AND ORGANICS AND NOT EXPECTED TO BE RE-USEABLE. IT ALSO MAY NOT BE ACCEPTABLE FOR USE AS ENGINEERED FILL, NOR PLANTING AREA BACKFILL UNLESS REVIEWED AND APPROVED BY THE SOILS ENGINEER OR LANDSCAPE ARCHITECT. REMOVE OR BURRY IN DEEPER FILLS, BELOW THE TOP 12" OF SUBGRADES.
20. REMOVE EXISTING SHORT WALL AT FENCING TO INCLUDE ANY CONCRETE FOOTINGS.
21. CAREFULLY REMOVE EXISTING BLEACHER OUT OF WORK AREA TEMPORARILY. PROTECT FROM DAMAGE. RELOCATE TO NEW LOCATION CONTRACTOR TO INCLUDE ONE ADDITIONAL ONSITE RELOCATION AS DIRECTED BY DISTRICT. LOCATION TO BE DETERMINED.
22. REMOVE AND REPLACE EXISTING IRRIGATION VALVE BOX COVER AND REPLACE WITH NEW. SEE GRADING AND UTILITY PLANS AND NEW LANDSCAPE IRRIGATION PLANS.
23. REMOVE EXISTING CHAIN LINK FENCING PERIMETER MESH ONLY. STRAIGHTEN ALL POLES TO VERTICAL TO ALLOW FOR NEW MESH. SEE FENCING PLAN.

NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA

02-123298

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LODI UNIFIED SCHOOL DISTRICT

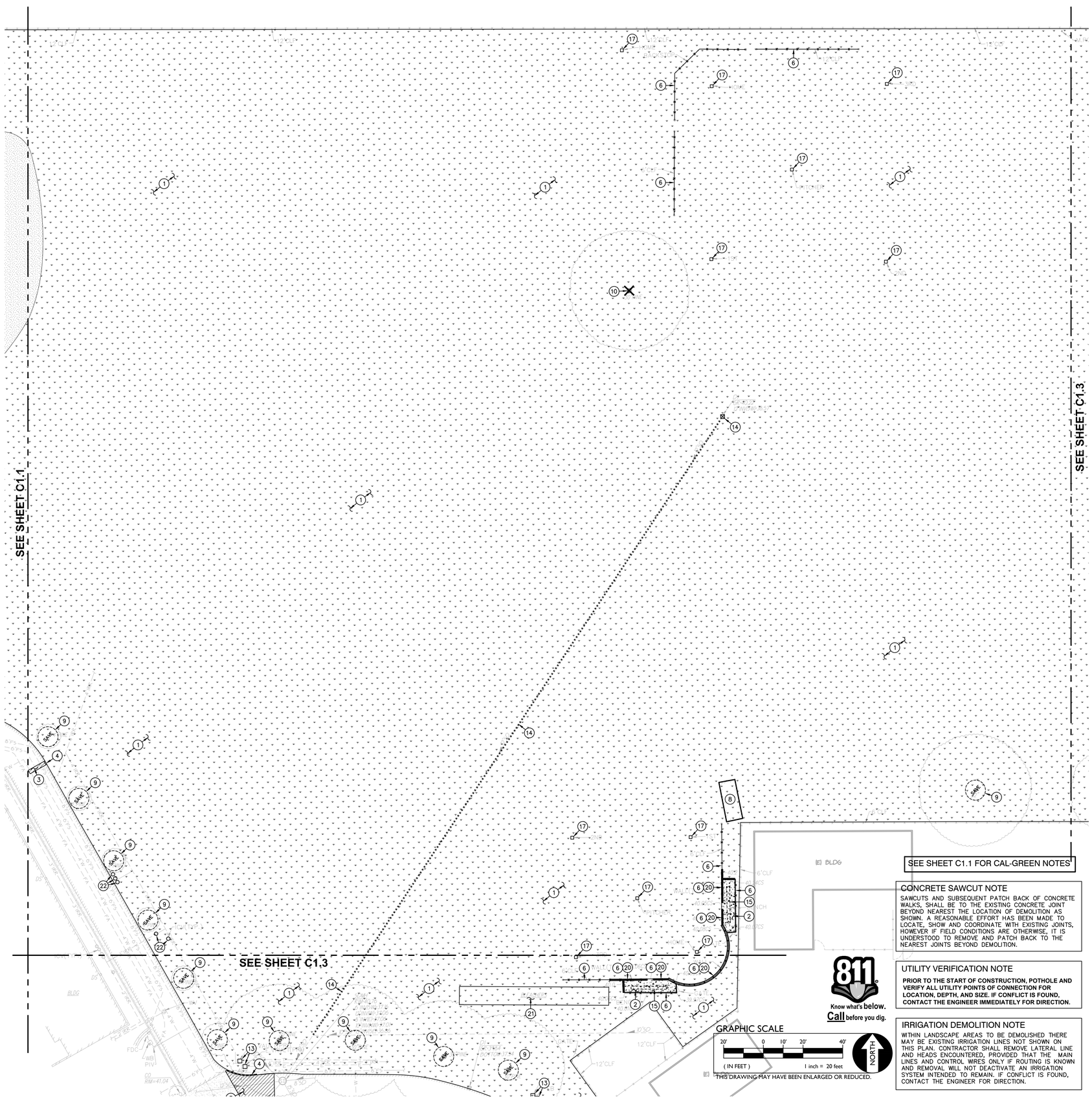
REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

DEMOLITION PLAN

C1.1

PLOTTED: Sunday, March 16, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C1.1.DWG



1 **DEMOLITION PLAN**

SCALE 1" = 20'-0"

DEMOLITION GENERAL NOTES

1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
2. NO BURNING OR BLASTING SHALL BE PERMITTED.
3. ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
4. ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
5. ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
6. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN IN THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.
7. THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTEND.
8. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REINSTALLED AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
9. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION..
10. CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2019 CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
11. CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIMING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY LOCATED UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
12. ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL. ONSITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.

DEMOLITION NOTES

LEGEND — AND/OR — DEMOLITION NOTES

1. REMOVE ALL PLANTS, SHRUBS, EXISTING VEGETATION, AND IRRIGATION SYSTEMS. REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL SITE CLEARING REQUIREMENTS. SEE GENERAL IRRIGATION NOTE, THIS SHEET. SEE LANDSCAPE AND IRRIGATION PLANS.
2. REMOVE EXISTING CONCRETE PAVING AND BASE AGGREGATES (IF EXIST). WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
3. SAWCUT AND REMOVE EXISTING ASPHALT PAVING AND BASE AGGREGATE TO PROVIDE FOR NEW CONSTRUCTION. SAWCUTS SHALL BE NEAT AND STRAIGHT. MAINTAIN CLEAN STRAIGHT CUT EDGE UNTIL NEW PAVING PLACED, OR NEW CUTS WILL BE REQUIRED.
4. REMOVE EXISTING CONCRETE CURB/CURB GUTTER.
5. REMOVE EXISTING SIGN TO INCLUDE POST AND CONCRETE BASE. SALVAGE FOR RE-INSTALLATION. SEE STRIPING PLAN.
6. REMOVE EXISTING FENCING AND OR GATES AS SHOWN. REMOVAL TO INCLUDE ALL POSTS AND CONCRETE BASES. BACKFILL WITH CLASS II AB IN 6" LIFTS, EACH COMPACTED TO 95%.
7. REMOVE EXISTING UTILITY BOX. EXISTING UTILITY TO REMAIN, PROTECT FROM DAMAGE. ENSURE ALL UTILITY IS TURNED OFF OR OTHERWISE DEACTIVATED PRIOR TO DEMOLITION. COORDINATE ALL UTILITY SHUT OFFS WITH DISTRICT AT LEAST 72 HOURS PRIOR.
8. SALVAGE AND REMOVE EXISTING STORAGE CONTAINER. STORE AT TEMPORARY LOCATION ONSITE. WHEN FINAL CONSTRUCTION MOSTLY COMPLETE, PLACE TO NEW LOCATIONS SHOWN ON GRADING AND CONSTRUCTION PLANS.
9. EXISTING TREE TO REMAIN AND BE PROTECTED FROM DAMAGE. PROVIDE PROTECTIVE FENCING IF NEEDED. TREES WITHIN 20 FEET OF EQUIPMENT TRAFFIC SHALL BE PROVIDED WITH TEMPORARY 2x4'S STRAPPED VERTICALLY ON TRUNK OF TREE FOR VEHICULAR IMPACT PROTECTION. 2x4'S SHALL BE SPACED WITH NO GREATER THAN A 6" GAP BUT ONLY NEED BE PLACED ON THE HALF CIRCUMFERENCE FACING EQUIPMENT TRAFFIC.
10. REMOVE EXISTING TREE AND ROOTS. IF SMALL ROOTS OR ROOT FRAGMENTS REMAIN (>1" IN DIA.), CONTRACTOR TO REMOVE BY HAND IF NECESSARY. BACKFILL VOID PER GRADING SPECIFICATIONS. IT IS HIGHLY RECOMMENDED WET AND DRY UTILITIES BE READY TO SHUTOFF SHOULD A ROOT DAMAGE A LINE DURING TREE REMOVAL. ROOTS 1/4" IN DIAMETER AND LARGER MUST BE REMOVED FROM EXCAVATED SOIL PLANNED FOR USE AS ENGINEERED FILL.
11. REMOVE EXISTING BOLLARD POST AND CONCRETE BASE. BACKFILL VOID WITH CLASS II AB IN 6" LIFTS, EACH COMPACTED TO 95%.
12. EXISTING CONCRETE BATTING CAGE FLATWORK TO REMAIN. REMOVE ALL RUBBER MATS, PADS, AND CLEAR ALL WEEDS AND OTHER DEBRIS TO ALLOW FOR NEW WORK.
13. EXISTING UTILITY BOX TO REMAIN. PROTECT FROM DAMAGE. ADJUST TO FINISHED GRADE AS NEEDED.
14. REMOVE EXISTING STORM DRAIN PIPE OR INLET AS SHOWN.
15. REMOVE EXISTING BENCH TO INCLUDE ANY FOOTINGS. METAL BENCHES IN GOOD CONDITION TO BE SALVAGED AND PROVIDED TO DISTRICT. WOOD BENCHES, AND METAL BENCHES IN POOR SHAPE TO BE REMOVED AND DISPOSED OF.
16. REMOVE EXISTING IRRIGATION CONTROL VALVES, SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION. NOTE: ADDITIONAL IRRIGATION SYSTEM DEMOLITION MAY BE SHOWN ON THOSE PLANS THAN DEPICTED HERE.
17. REMOVE EXISTING BASES AND PITCHERS BLOCKS TO INCLUDE SLEEVE AND CONCRETE FOOTING (IF EXISTS). IF IN GOOD CONDITION THEY SHALL BE SALVAGED AND PROVIDED TO DISTRICT.
18. REMOVE EXISTING SOILS/MATERIALS PILE.
19. REMOVE EXISTING CLAY AND INFIELD FINES. FINES ARE RELATIVELY CONTAMINATED WITH SOIL AND ORGANICS AND NOT EXPECTED TO BE RE-USEABLE. IT ALSO MAY NOT BE ACCEPTABLE FOR USE AS ENGINEERED FILL, NOR PLANTING AREA BACKFILL UNLESS REVIEWED AND APPROVED BY THE SOILS ENGINEER OR LANDSCAPE ARCHITECT. REMOVE OR BURRY IN DEEPER FILLS, BELOW THE TOP 12" OF SUBGRADES.
20. REMOVE EXISTING SHORT WALL AT FENCING TO INCLUDE ANY CONCRETE FOOTINGS.
21. CAREFULLY REMOVE EXISTING BLEACHER OUT OF WORK AREA TEMPORARILY. PROTECT FROM DAMAGE. RELOCATE TO NEW LOCATION CONTRACTOR TO INCLUDE ONE ADDITIONAL ONSITE RELOCATION AS DIRECTED BY DISTRICT. LOCATION TO BE DETERMINED.
22. REMOVE AND REPLACE EXISTING IRRIGATION VALVE BOX COVER AND REPLACE WITH NEW. SEE GRADING AND UTILITY PLANS AND NEW LANDSCAPE IRRIGATION PLANS.
23. REMOVE EXISTING CHAIN LINK FENCING PERIMETER MESH ONLY. STRAIGHTEN ALL POLES TO VERTICAL TO ALLOW FOR NEW MESH. SEE FENCING PLAN.

NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA

02-123298

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STATE OF CALIFORNIA

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TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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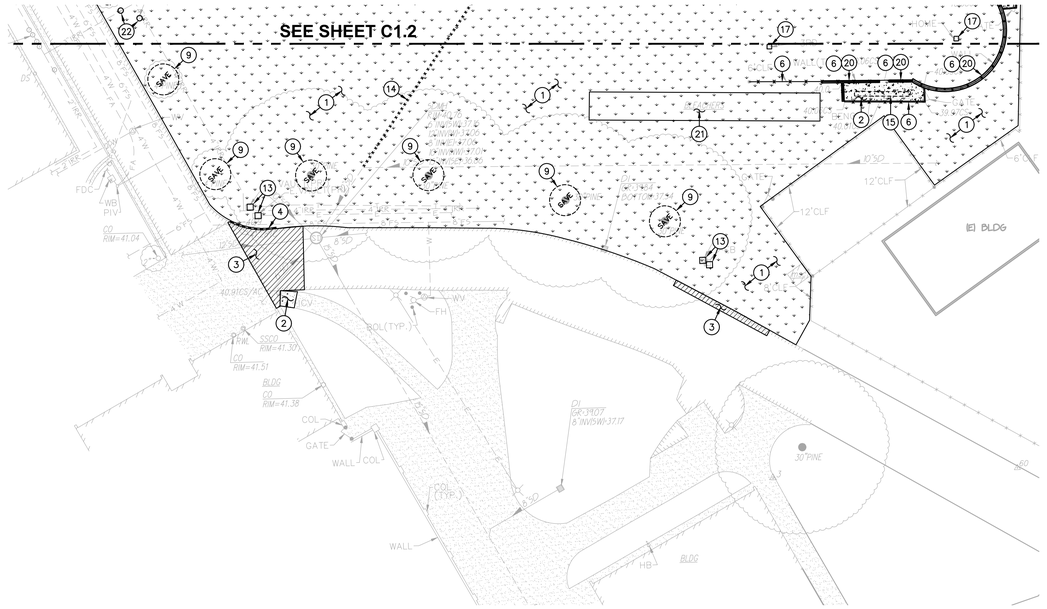


2 DEMOLITION PLAN

SCALE 1" = 20'-0"

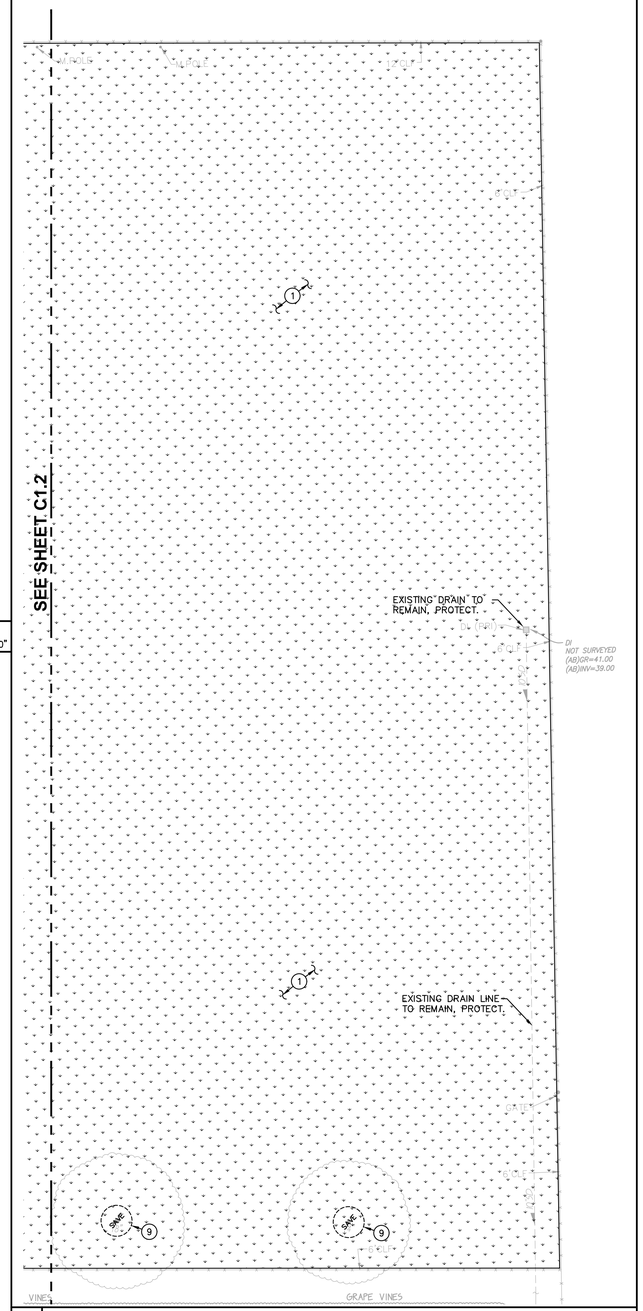
GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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



1 DEMOLITION PLAN

SCALE 1" = 20'-0"

SEE SHEET C1.1 FOR CAL-GREEN NOTES

CONCRETE SAWCUT NOTE

SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND NEAREST THE LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.

UTILITY VERIFICATION NOTE

PRIOR TO THE START OF CONSTRUCTION, POTHOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

IRRIGATION DEMOLITION NOTE

WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINE AND HEADS ENCOUNTERED, PROVIDED THAT THE MAIN LINES AND CONTROL WIRES ONLY IF ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEM INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.

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LICENSED ARCHITECT TIMOTHY L. DEARBORN C-29928 RENEWAL 12/2025 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER ANTHONY J TASSANO NO. 074696 STATE OF CALIFORNIA 3/16/2025

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TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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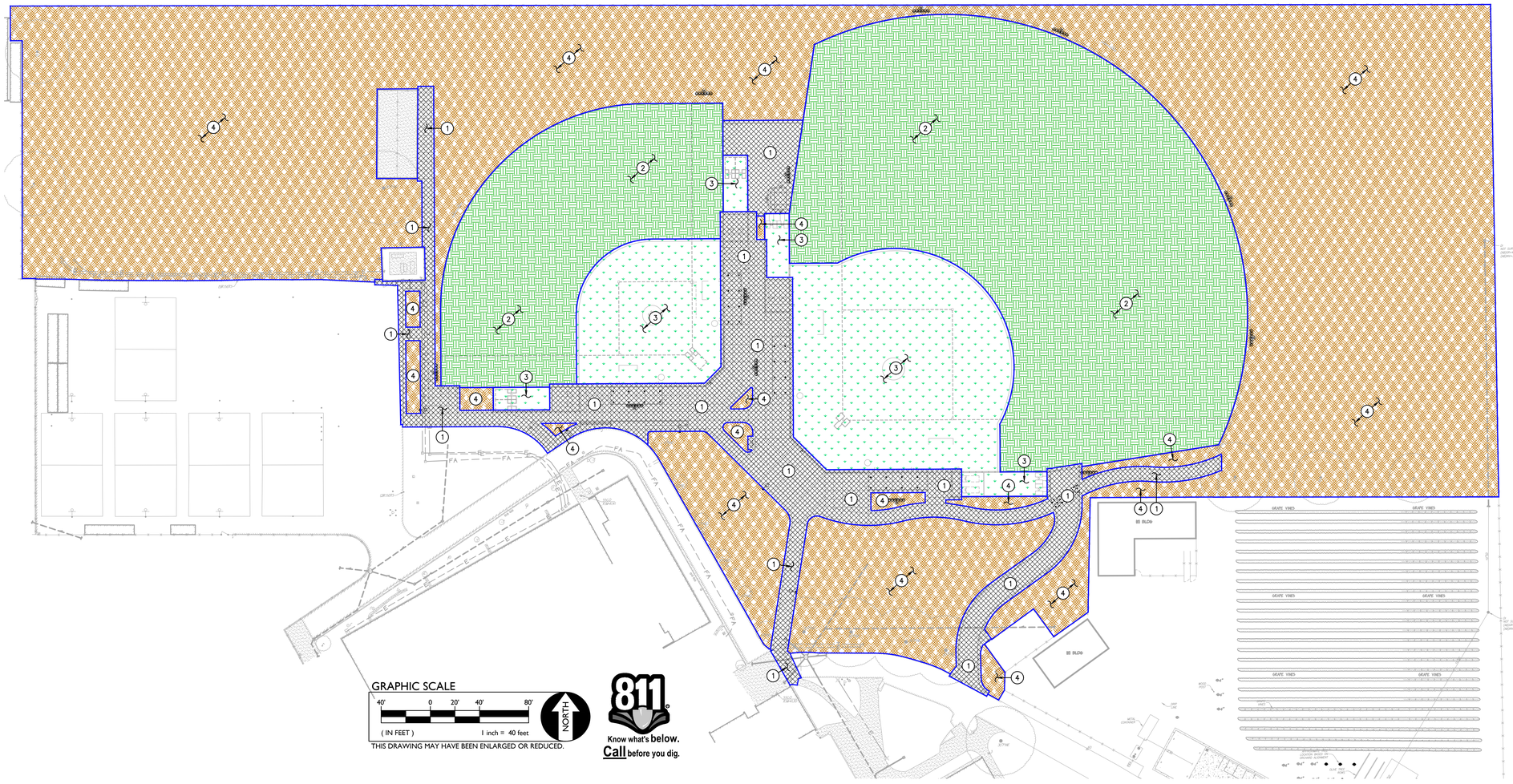
DEMOLITION PLAN

C1.3

PLOTTED: Sunday, March 16, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C1.1.DWG



1 ENGINEERED FILL PLAN

SCALE 1" = 40'-0"

ENGINEERED FILL LEGEND

1 STRUCTURE, CONCRETE & ASPHALT FLATWORK AREAS

FOLLOWING THE SITE DEMOLITION AND STRIPPING AS OUTLINED IN THESE PLANS AND PROJECT SPECIFICATIONS, COMPLETE THE FOLLOWING:

IN AREAS LEFT AT GRADE OR REQUIRE CUTTING, OVER-EXCAVATE TO 12" BELOW TO PROPOSED SUBGRADE. CONTRACTOR SHALL CONSULT ONSITE GEOTECHNICAL ENGINEER TO ENSURE THAT NO LOOSE FILLS ARE PRESENT AT THIS STAGE WHICH REQUIRE ADDITIONAL EXCAVATION. IF PRESENT, CONTRACTOR SHALL OVER-EXCAVATE TO FIRM NATIVE SOILS. OVER-EXCAVATION DEPTH SHALL BE UNIFORM AND NO "SLOT CUTTING" BELOW FOUNDATIONS ELEMENTS WILL BE ALLOWED. SCARIFY UNDERLYING SOIL TO A DEPTH OF 12", MOISTURE CONDITION TO THE OPTIMUM MOISTURE CONTENT AND RE-COMPACT TO 90% RELATIVE COMPACTION. PLACE 12" OF NON-EXPANSIVE ENGINEERED FILL IN 6" LIFTS, EACH MOISTURE CONDITIONED AND COMPACTED AS STATED ABOVE TO FINAL SUBGRADE ELEVATION..

IN AREAS THAT REQUIRE AT LEAST 12" OF FILL TO SUBGRADE, SCARIFY UNDERLYING SOIL TO A DEPTH OF 12", MOISTURE CONDITION TO THE OPTIMUM MOISTURE CONTENT AND RE-COMPACT TO 90% RELATIVE COMPACTION. PLACE ENGINEERED FILL IN 6" COMPACTED LIFTS, EACH MOISTURE CONDITIONED AND COMPACTED AS STATED ABOVE, THE UPPER 12" CONSISTING OF NON-EXPANSIVE ENGINEERED FILL TO FINAL SUBGRADE ELEVATION.

AT CONTRACTORS OPTION, 12" OVER-EXCAVATION MAY BE WAIVED IF TOP 12" IS LIME TREATED IN ACCORDANCE WITH SECTION 31 32 00.

FINAL 6" LIFT BENEATH ASPHALT AND CONCRETE FLATWORK SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.

ONCE FINAL SUBGRADE AND COMPACTION IS ACHIEVED, PLACE BASE ROCK AND PAVING/SURFACING PER PLANS AND SPECS. IT IS NOT RECOMMENDED TO LEAVE SUBGRADE SOIL EXPOSED TO ATMOSPHERIC CONDITIONS FOR EXTENDED DURATIONS. CONTRACTOR SHOULD ADJUST SCHEDULE TO COVER SUBGRADE WITH BASE ROCK AS SOON AS RECOMMENDED BY THE SITE GEOTECHNICAL ENGINEER.

THE LIMITS OF SUBGRADE PREPARATION SHALL EXTEND AT LEAST 5 FEET BEYOND EDGE OF PROPOSED BUILDING OR FOUNDATION ELEMENTS AND 2 FEET BEYOND EDGES OF FLATWORK AND PAVING EDGES.

AFTER COMPLETION OF PAVING AND CURBS, LIME TREATMENT OVER-BUILD SHALL BE EXCAVATED OUT OF ADJOINING PLANTERS OR BALLFIELD AREAS AND RE-PLACED WITH APPROVED AND COMPACTED ENGINEERED FILL AND TOPSOIL.

2 NATURAL LAWN PLAYFIELD AND NATURAL CINDER AREAS

FOLLOWING THE SITE DEMOLITION AND STRIPPING AS OUTLINED IN THESE PLANS AND PROJECT SPECIFICATIONS, EXCAVATE TO SUBGRADE FOR TOPSOIL AS REQUIRED. CONTRACTOR SHALL CONSULT ONSITE GEOTECHNICAL ENGINEER TO ENSURE THAT NO LOOSE FILLS ARE PRESENT AT THIS STAGE WHICH REQUIRE ADDITIONAL EXCAVATION. IF PRESENT, CONTRACTOR SHALL OVER-EXCAVATE TO FIRM NATIVE SOILS.

CONTRACTOR SHALL SCARIFY UNDERLYING NATIVE SOILS TO A DEPTH OF 12 INCHES, MOISTURE CONDITION PER THIS PAGE AND SPECIFICATIONS AND RE-COMPACT TO 90% RELATIVE COMPACTION, PER ASTM D1557.

PLACE APPROVED NATIVE ENGINEERED FILL IN LIFTS THAT DO NOT EXCEED 8" IN LOOSE THICKNESS, EACH MOISTURE CONDITIONED TO 2% ABOVE THE OPTIMUM CONTENT AND COMPACTED TO 90% RELATIVE COMPACTION. PLACE LIFTS AS IDENTIFIED UNTIL SUBGRADE FOR TOPSOIL ELEVATION IS ACHIEVED.

PLACE FINAL 10" OF NATIVE OR IMPORTED TOPSOIL WITH AMENDMENTS AS REQUIRED IN ACCORDANCE WITH LANDSCAPE SPECIFICATIONS OR DISTRICTS LANDSCAPER, MOISTURE CONDITIONED AND COMPACTED AS REQUIRED.

IN AREAS OF REPAIR OF EXISTING LANDSCAPING ONLY, EXISTING UNDISTURBED TOPSOIL MAY REMAIN AND COUNT AS THE TOTAL TOPSOIL SECTION BUT ADDITIONAL TOPSOIL ADDED SHALL BE BLENDED WITH THE TOP 6" OF EXISTING TOPSOIL FOR UNIFORM MEDIA FOR PLANTING AND LANDSCAPE REPAIR.

3 SYNTHETIC TURF AREAS

FOLLOWING THE SITE DEMOLITION AND STRIPPING AS OUTLINED IN THESE PLANS AND PROJECT SPECIFICATIONS, EXCAVATE TO SUBGRADE FOR TOPSOIL OR SUBGRADE FOR INFIELD MIX AS REQUIRED. CONTRACTOR SHALL CONSULT ONSITE GEOTECHNICAL ENGINEER TO ENSURE THAT NO LOOSE FILLS ARE PRESENT AT THIS STAGE WHICH REQUIRE ADDITIONAL EXCAVATION. IF PRESENT, CONTRACTOR SHALL OVER-EXCAVATE TO FIRM NATIVE SOILS.

CONTRACTOR SHALL SCARIFY UNDERLYING NATIVE SOILS TO A DEPTH OF 12 INCHES, MOISTURE CONDITION PER THIS PAGE AND SPECIFICATIONS AND RE-COMPACT TO 90% RELATIVE COMPACTION, PER ASTM D1557.

PLACE APPROVED NATIVE ENGINEERED FILL IN LIFTS THAT DO NOT EXCEED 8" IN LOOSE THICKNESS, EACH MOISTURE CONDITIONED TO 2% ABOVE THE OPTIMUM CONTENT AND COMPACTED TO 90% RELATIVE COMPACTION. PLACE LIFTS AS IDENTIFIED UNTIL SUBGRADE FOR TOPSOIL ELEVATION IS ACHIEVED.

PLACE FINAL 10" OF NATIVE OR IMPORTED TOPSOIL WITH AMENDMENTS AS REQUIRED IN ACCORDANCE WITH LANDSCAPE SPECIFICATIONS OR DISTRICTS LANDSCAPER, MOISTURE CONDITIONED AND COMPACTED AS REQUIRED.

4 OTHER NON-PAVING EARTHWORK AREAS (LANDSCAPING, NON-PLAYFIELD)

FOLLOWING THE SITE DEMOLITION AND STRIPPING AS OUTLINED IN THESE PLANS AND PROJECT SPECIFICATIONS, EXCAVATE TO SUBGRADE FOR TOPSOIL AS REQUIRED. CONTRACTOR SHALL CONSULT ONSITE GEOTECHNICAL ENGINEER TO ENSURE THAT NO LOOSE FILLS ARE PRESENT AT THIS STAGE WHICH REQUIRE ADDITIONAL EXCAVATION. IF PRESENT, CONTRACTOR SHALL OVER-EXCAVATE TO FIRM NATIVE SOILS.

CONTRACTOR SHALL SCARIFY UNDERLYING NATIVE SOILS TO A DEPTH OF 12 INCHES, MOISTURE CONDITION PER THIS PAGE AND SPECIFICATIONS AND RE-COMPACT TO 90% RELATIVE COMPACTION, PER ASTM D1557.

PLACE APPROVED NATIVE ENGINEERED FILL IN LIFTS THAT DO NOT EXCEED 8" IN LOOSE THICKNESS, EACH MOISTURE CONDITIONED TO 2% ABOVE THE OPTIMUM CONTENT AND COMPACTED TO 90% RELATIVE COMPACTION. PLACE LIFTS AS IDENTIFIED UNTIL SUBGRADE FOR TOPSOIL ELEVATION IS ACHIEVED.

PLACE FINAL 10" OF NATIVE OR IMPORTED TOPSOIL WITH AMENDMENTS AS REQUIRED IN ACCORDANCE WITH LANDSCAPE SPECIFICATIONS OR DISTRICTS LANDSCAPER, MOISTURE CONDITIONED AND COMPACTED AS REQUIRED.

IN AREAS OF REPAIR OF EXISTING LANDSCAPING ONLY, EXISTING UNDISTURBED TOPSOIL MAY REMAIN AND COUNT AS THE TOTAL TOPSOIL SECTION BUT ADDITIONAL TOPSOIL ADDED SHALL BE BLENDED WITH THE TOP 6" OF EXISTING TOPSOIL FOR UNIFORM MEDIA FOR PLANTING AND LANDSCAPE REPAIR.

SOIL MOISTURE

ONSITE SOILS WILL LIKELY BE MORE SATURATED IN FALL, WINTER AND SPRING MONTHS. SOILS BENEATH EXISTING PAVEMENTS MAY BE SATURATED REGARDLESS OF TIME OF YEAR. THEY WILL NOT BE COMPATIBLE WITHOUT AERATION, CHEMICAL TREATMENT OR REMOVAL AND REPLACEMENT. CONTRACTOR SHOULD ANTICIPATE THIS IN THE CONSTRUCTION SCHEDULE AND MAKE ARRANGEMENTS TO PERFORM THIS WORK AS NEEDED.

ORGANIC STRIPPINGS

STRIPPINGS AND SOIL CONTAINING ORGANIC MATERIAL (>4%) SHOULD NOT BE USED IN GENERAL FILL CONSTRUCTION AREAS SUPPORTING STRUCTURES, INTERIOR/EXTERIOR CONCRETE SLABS, AND ASPHALT AND CONCRETE FLATWORK. WITH PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT OR DISTRICTS LANDSCAPER ON A CASE-BY-CASE BASIS, AND FOLLOWING REVIEW OF FIELD SOILS CONDITIONS, STRIPPINGS AND SOIL CONTAINING ORGANIC MATERIAL MAY BE USED IN LANDSCAPE AREAS, PROVIDED THEY ARE KEPT AT LEAST FIVE FEET FROM THE BUILDING PADS AND OTHER SURFACE IMPROVEMENTS, MOISTURE CONDITIONED, AND COMPACTED

NATIVE SOIL USABILITY

NATIVE SOILS ARE EXPECTED TO BE SUITABLE FOR USE AS ENGINEERED FILL WHEN PROCESSED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. NATIVE CLAYEY SOILS ARE NOT RECOMMENDED FOR USE IN THE TOP 12" OF SUBGRADES FOR FLATWORK, PAVING, AND BASEBALL PLAYFIELD AREAS, AND SHOULD ONLY BE PLACED BELOW OTHER LANDSCAPE OR DG AREAS. NON-EXPANSIVE ENGINEERED FILL MAY NEED TO BE IMPORTED UNLESS NON-EXPANSIVE SOILS ARE FOUND ONSITE AS DETERMINED BY SITE GEOTECHNICAL ENGINEER. IMPORT OF NON-EXPANSIVE FILL FOR THE TOP 12" SHOULD BE ANTICIPATE FOR BIDDING PURPOSES WITHIN THE LAWN BALLFIELD AREAS. IMPORT OF NON-EXPANSIVE SOIL SHALL ALSO BE ANTICIPATED FOR BUILDING PADS, FLATWORK AND PAVING, UNLESS LIME TREATMENT OR INCREASE CLASS II AB ALTERNATIVE USED.

ENGINEERED FILL GENERAL NOTES

1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE GEOTECHNICAL ENGINEERING REPORT ENTITLED:
   -
   -
   -
   -
2. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
3. NO BURNING OR BLASTING SHALL BE PERMITTED, UNLESS APPROVED BY THE ARCHITECT, AND GEOTECHNICAL ENGINEER OF RECORD.
4. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.
5. THE EXISTING NATIVE CLAYEY SOILS ENCOMPASS THE MAJORITY OF SUBGRADES BENEATH THIS PROJECT. THEY ARE ANTICIPATED TO BE MODERATELY EXPANSIVE AND WILL NOT BE SUITABLE DIRECT SUPPORT (SUBGRADE) OF INTERIOR OR EXTERIOR FLATWORK, PAVEMENT AND SHALL BE PROCESSED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
6. REFER TO SECTION 31 32 00 FOR LIME TREATMENT APPLICATION AND PROCESSING AS APPLIES.
7. SITE SHALL BE CLEARED AND STRIPPED IN ACCORDANCE WITH THE DEMOLITION PLAN AND PROJECT SPECIFICATIONS. ANY ABNORMAL CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR DIRECTION.
8. SURFACE CLAYEY SOILS ARE CONSIDERED MODERETLY EXPANSIVE AND ARE NOT ANTICIPATED TO BE SUITABLE FOR DIRECT SUPPORT OF STRUCTURES, FLATWORK OR OTHER PAVING AND WILL REQUIRE EXCAVATION AND REPLACEMENT WITH GRANULAR FILL AS SPECIFIED IN THESE PLANS AND SPECIFICATIONS. DUE TO PROJECT SCHEDULE, WEATHER OR OTHER SITUATIONS, OTHER SUBGRADE STABILIZATION MEANS SUCH AS CHEMICAL TREATMENT MAY BE APPROVED, BUT SHALL BE BASED ON RECOMMENDATIONS FROM THE SITE GEOTECHNICAL ENGINEER AFTER REVEW OF SUBGRADE CONDITIONS. EXISTING NATIVE NON-CLAYEY SOILS ARE ANTICIPATED TO BE SUITABLE FOR USE AS ENGINEERED FILL WHEN PROCESSED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, HOWEVER MAY RESIDE AT DEEPER DEPTH NOT LIKELY TO BE SIGNIFICANTLY ENCOUNTERED.
9. ALL FILL MATERIAL, NATIVE PROCESSED ONSITE MATERIAL OR IMPORTED, SHALL BE REVIEWED AND APPROVED BY THE SITE GEOTECHNICAL ENGINEER BEFORE USED AS ENGINEERED FILL.
10. IF IMPORTED MATERIALS ARE TO BE USED AS FILLS, IT SHALL MEET THE FOLLOWING CHARACTERISTICS:
    1. PLASTICITY INDEX SHALL BE 15 OR LESS.
    2. AN EXPANSION INDEX OF 15 OR LESS
    3. SHALL NOT CONTAIN ROCKS OR PARTICLES LARGER THAN 3 INCHES IN DIAMETER.
    4. SHALL BE DOCUMENTED CLEAN OF CONTAMINATION OR SIGNIFICANT CONCENTRATIONS OF ORGANIC MATERIAL, NO MORE THAN 3% BY WEIGHT.
    5. SHALL BE DOCUMENTED OR CERTIFIED NON-CORROSIVE, WITHIN ACCEPTABLE LIMITS, (LESS THAN 0.05% SULFATES BY WEIGHT AND MIN. RESISTIVITY OF >3,000 OHMS-CM.
    6. MEETS OR EXCEEDS DTSC REQUIREMENTS FOR USE ON A SCHOOL SITE.

    ALL IMPORTED FILLS SHALL BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO TRANSPORTATION TO THE SITE, AND PRIOR TO AQUISITION BY THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE GRANTED TO THE CONTRACTOR FOR EXTRA PROCUREMENT WORK AS A RESULT OF REJECTED IMPORT SOILS.
11. TEMPORARY CONTRACTOR STAGING / LAY DOWN SPACES TO BE UTILIZED BY CONTRACTOR SHALL BE RETURNED TO EXISTING CONDITIONS OR GREATER TO THE SATISFACTION OF THE SCHOOL DISTRICT, AND SHALL BE COMPLETED AT THE CONTRACTORS EXPENSE. CONTRACTOR SHALL TEST IRRIGATION SYSTEMS WITH OWNER PRIOR TO THE START OF CONSTRUCTION TO DETERMINE ALL OPERATIONAL AND NON-OPERATIONAL SYSTEMS. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ALL IRRIGATION SYSTEMS WITHIN THE LIMITS OF WORK BROKEN DURING CONSTRUCTION.

02-123298

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KEITH L. DEARDORFF
C-29928
RENEWAL 12/2025
STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER
ANTHONY J TASSANO
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STATE OF CALIFORNIA
3/17/2025

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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

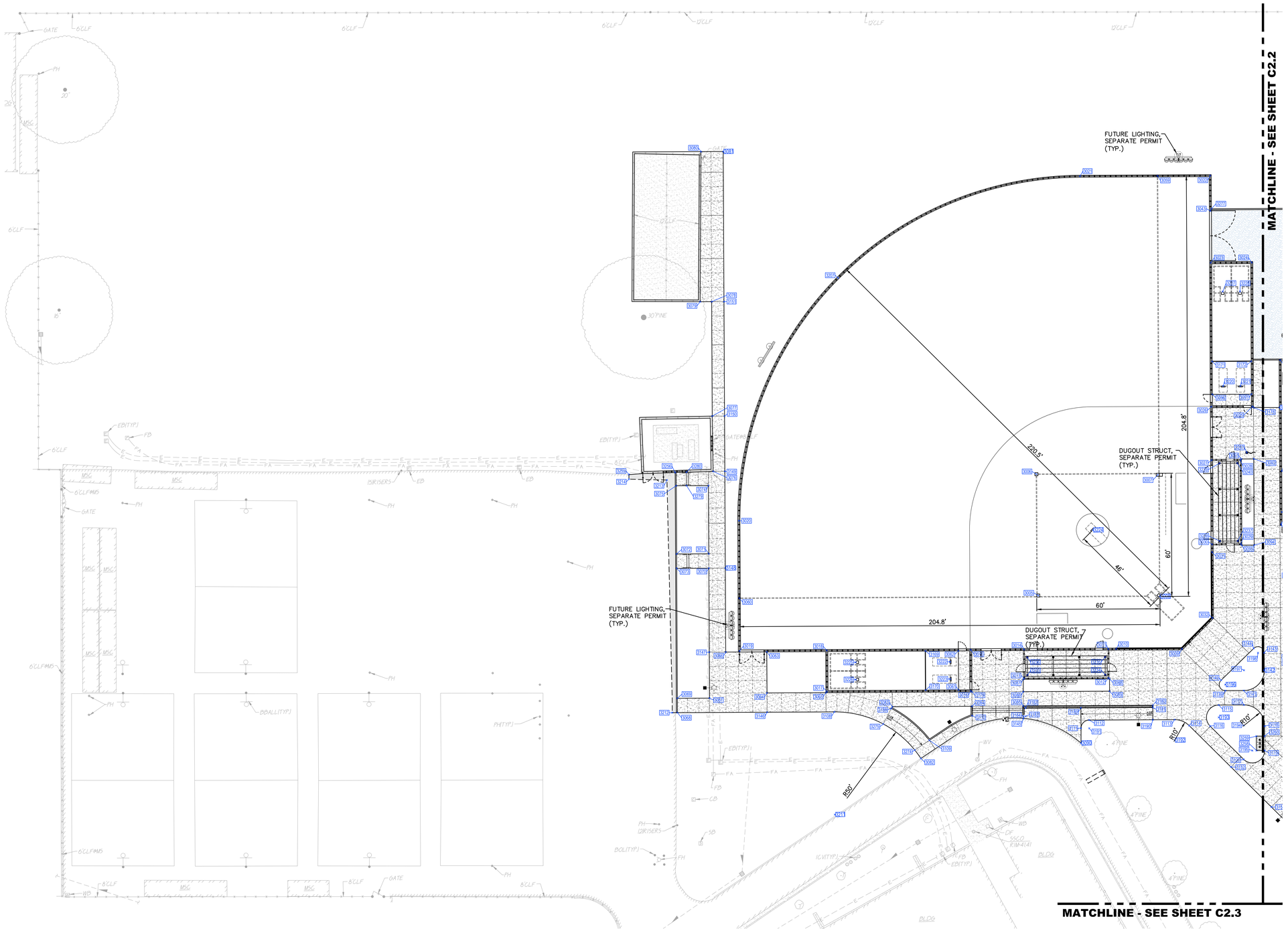
REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

ENGINEERED FILL PLAN

C2.0

PLOTTED:Monday, March 17, 2025 FILENAME:I: \25-010\CIVIL\DWG\25-010-C2.0.DWG



1 HORIZONTAL CONTROL PLAN

SCALE 1" = 20'-0"

Project Control Point List				
Point #	Raw Description	Elevation	Northing	Easting
1	CPS_CHISELED_"+"	42.075	2410.9130	1809.2780
2	CPS_CHISELED_"+"	40.954	2767.1610	1331.5650
3	CPS_CHISELED_"+"	41.905	2494.9190	1641.5610
4	CPS_CHISELED_"+"	41.314	2446.2640	1557.3920
5	CPS_CHISELED_"+"	41.446	2350.7540	1608.4800
6	CPS_CHISELED_"+"	41.403	2252.3920	1661.7400
7	CPS_CHISELED_"+"	41.272	2096.4790	1714.2020
8	CPS_CHISELED_"+"	41.239	2556.6670	1453.1540
9	CPS_CHISELED_"+"	40.798	2512.8010	1378.2820
10	CPS_CHISELED_"+"	40.629	2404.4050	1171.3780
11	CPS_CHISELED_"+"	40.643	2897.5110	808.4180

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

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

NORTH

LEGEND

COORDINATE LOCATION
COORDINATE NUMBER
TBM COORDINATE LOCATION
TBM COORDINATE NUMBER

COORDINATE LIST
SEE SHEET C2.2

TBM LIST
SEE LEFT

RELEASE OF CAD FILES

CAD FILES WILL BE AVAILABLE UPON REQUEST AND WITH SIGNED ELECTRONIC FILE RELEASE AGREEMENT TO BE PROVIDED. WARREN CONSULTING ENGINEERS INC. WILL PROVIDE SUCH CAD FILES WITHIN 2 WORKING DAYS OF RECEIPT OF SIGNED CAD RELEASE AGREEMENT. FILED WILL BE AUTOCAD, VERSION 2018.

MATCHLINE - SEE BELOW

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REGISTERED PROFESSIONAL ENGINEER · ANTHONY J. TASSANO · NO. C74696 · OF CALIFORNIA · 3/17/2025

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LODI UNIFIED SCHOOL DISTRICT

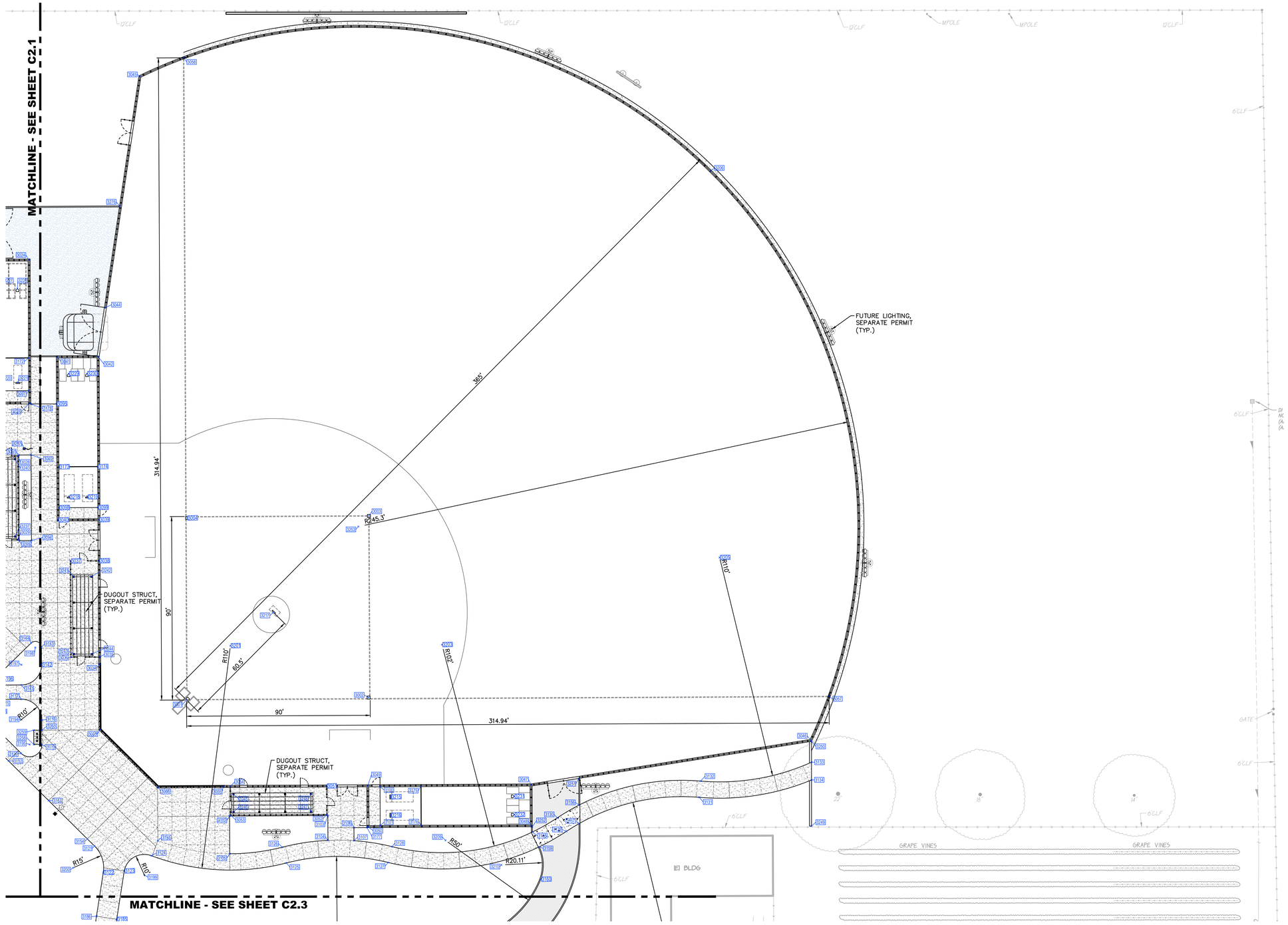
REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

HORIZONTAL CONTROL PLAN

C2.1

PLOTTED:Monday, March 17, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C2.1.DWG



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NORTH

LEGEND

COORDINATE LOCATION
COORDINATE NUMBER
TBM COORDINATE LOCATION
TBM COORDINATE NUMBER

COORDINATE LIST: SEE SHEET C2.2

TBM LIST: SEE LEFT

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REVISIONS

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ISSUE DATE:	03/25/2025
DRAWN BY:	AT/SMN

HORIZONTAL CONTROL PLAN

C2.2

PLOTTED: Monday, March 17, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C2.1.DWG

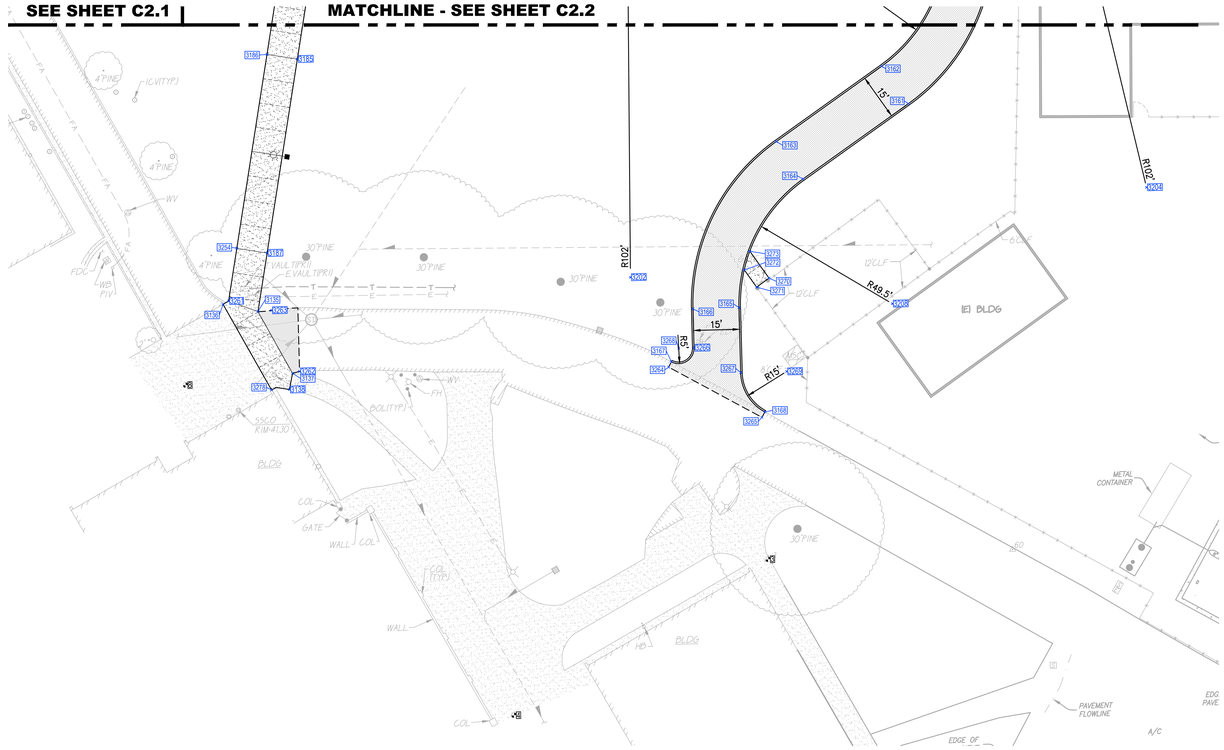
Construction Point List			
Point #	Raw Description	Northing	Easting
3001	BASE	2768.5961	1529.4153
3002	BASE.CNTR	2767.4562	1618.6611
3003	BASE.CNTR	2856.5072	1621.1306
3004	BASE.CNTR	2857.8102	1532.0548
3005	BASE.CNTR	2826.9733	1349.7611
3006	BASE.CNTR	2886.0557	1350.4290
3007	BASE.CNTR	2884.2215	1409.4867
3008	HOME.PLATE	2824.9689	1408.9820
3009	CL.FENCE	2799.2510	1419.0021
3010	CL.FENCE	2799.9285	1387.0093
3011	CL.FENCE	2800.0092	1383.1869
3012	CL.FENCE	2786.0126	1382.8905
3013	CL.FENCE	2786.8808	1341.8998
3014	CL.FENCE	2800.8784	1342.1962
3015	CL.FENCE	2801.4284	1316.1902
3016	CL.FENCE	2781.4329	1315.7667
3017	CL.FENCE	2782.9165	1245.7152
3018	CL.FENCE	2802.9120	1246.1387
3019	CL.FENCE	2803.8110	1203.6901
3020	CL.FENCE	2867.2049	1205.0327
3021	CL.FENCE	3030.5236	1375.4186
3022	CL.FENCE	3029.1810	1438.8126
3023	CL.FENCE	2986.7323	1437.9137
3024	CL.FENCE	2986.3089	1457.9044
3025	CL.FENCE	2916.2558	1456.4255
3026	CL.FENCE	2916.6790	1436.4300
3027	CL.FENCE	2890.6748	1435.8786
3028	CL.FENCE	2890.3783	1449.8764
3029	CL.FENCE	2849.3876	1449.0083
3030	CL.FENCE	2849.6841	1435.0114
3031	CL.FENCE	2845.8617	1434.9302
3032	CL.FENCE	2813.8689	1434.2526
3033	CL.FENCE	2755.2834	1486.6238
3034	CL.FENCE	2787.2762	1487.3014
3035	CL.FENCE	2790.7755	1487.3754
3036	CL.FENCE	2791.0719	1473.3786
3037	CL.FENCE	2838.2280	1474.3772
3038	CL.FENCE	2837.9316	1488.3741
3039	CL.FENCE	2858.0937	1488.8010
3040	CL.FENCE	2858.5172	1468.8054
3041	CL.FENCE	2938.4993	1470.4993
3042	CL.FENCE	2938.0758	1490.4949
3043	CL.FENCE	3012.0103	1438.4490
3044	CL.FENCE	2961.9921	1494.7030
3045	CL.FENCE	3074.8487	1514.5604
3046	CL.FENCE	2740.7760	1834.7581
3047	CL.FENCE	2722.5343	1697.1390
3048	CL.FENCE	2702.5388	1696.7155
3049	CL.FENCE	2724.2292	1617.1133
3050	CL.FENCE	2704.2336	1616.6898
3051	CL.FENCE	2724.6564	1596.9511
3052	CL.FENCE	2710.6594	1596.6547
3053	CL.FENCE	2711.6581	1549.4986
3054	CL.FENCE	2725.6549	1549.7950
3055	CL.FENCE	2725.7291	1546.2958
3056	CL.FENCE	2726.4066	1514.3029
3057	FOUL.POLE	2762.1044	1844.2909
3058	FOUL.POLE	3083.4642	1536.2605
3059	FOUL.POLE	3029.7244	1413.1518
3060	FOUL.POLE	2829.4720	1204.2334
3061	TW@AP	2782.0598	1309.7786
3062	TW@AP	2801.0556	1310.1809
3063	TW@AP	2803.0303	1216.9429
3064	TW@AP	2783.0347	1216.5194
3065	TW@AP	2782.4272	1245.2048
3066	TW@AP	2803.4537	1196.9474
3067	TW@AP	2781.2441	1188.4752
3068	TW@AP	2774.5774	1172.6602
3069	TW@AP	2781.5759	1172.8085
3070	TW@AP	2844.4843	1189.8145
3071	TW@AP	2851.4827	1189.9628
3072	TW@AP	2851.8145	1174.2960
3073	TW@AP	2844.8161	1174.1478
3074	TW@AP	2884.7209	1190.6667
3075	TW@AP	2885.0527	1174.9999
3076	TW@AP	2891.5627	1193.1251
3077	TW@AP	2918.4467	1193.3930
3078	TW@AP	2974.1577	1194.5728
3079	TW@AP	2974.2762	1188.9760
3080	TW@AP	3047.3140	1191.2740
3081	TW@AP	3047.0845	1202.1097
3082	TW@AP	2749.2099	1290.5607
3083	TW@AP	2774.7455	1277.3182
3084	TW@WALL	2773.9240	1316.1078
3085	TW@WALL	2773.3944	1341.1140
3086	TW@AP	2780.3928	1341.2622
3087	TW@AP	2786.3915	1341.3892
3088	TW@AP	2785.5021	1383.3798

Construction Point List			
Point #	Raw Description	Northing	Easting
3089	TW@AP	2779.5035	1383.2528
3090	TW@AP	2754.6430	1368.6938
3091	TW@AP	2890.8677	1450.3866
3092	TW@AP	2890.7407	1456.3853
3093	TW@AP	2848.8771	1449.4973
3094	TW@AP	2848.7501	1455.4960
3095	TW@AP	2915.4112	1469.5103
3096	TW@AP	2922.6671	1437.0570
3097	TW@AP	2922.2648	1456.0527
3098	TW@AP	2864.5053	1469.4324
3099	TW@AP	2864.1030	1488.4281
3100	TW@AP	2723.5955	1623.1012
3101	TW@AP	2704.6065	1622.6990
3102	TW@AP	2711.1688	1548.9881
3103	TW@AP	2710.1489	1597.1439
3104	TW@AP	2698.0139	1596.8869
3105	TW@AP	2692.6922	1548.5968
3106	TW@AP	2703.8796	1609.7918
3107	TW@AP	2697.5261	1609.6573
3108	TW@BC	2772.9595	1249.0576
3109	TW@WALL	2757.8917	1294.9326
3110	TW@WALL	2769.3703	1316.0113
3111	TW@BC	2761.8321	1368.8975
3112	TW@BC	2765.7179	1372.9806
3113	TW@BC	2764.8378	1414.5378
3114	TW@BC	2761.7598	1421.5453
3115	TW@BC	2771.3804	1436.2082
3116	TW@BC	2761.2299	1431.7496
3117	TW@BC	2771.1211	1448.4506
3118	TW@BC	2760.4953	1458.2278
3119	TW@BC	2748.6692	1457.9773
3120	TW@BC	2744.6444	1447.6472
3121	TW@BC	2698.1902	1482.4781
3122	TW@BC	2685.1168	1486.4055
3123	TW@BC	2685.5986	1496.6877
3124	TW@BC	2692.7256	1510.2175
3125	TW@BC	2687.4437	1576.2317
3126	TW@BC	2695.2404	1574.4396
3127	TW@BC	2686.3872	1626.1174
3128	TW@BC	2694.1010	1628.2379
3129	TW@BC	2699.3131	1713.7989
3130	TW@BC	2706.0868	1709.5426
3131	TW@BC	2714.3205	1779.3589
3132	TW@BC	2722.2713	1780.2445
3133	TW@BC	2730.0950	1834.8221
3134	TW@BC	2721.3904	1834.5999
3135	TW@AP	2580.0347	1477.3726
3136	TW@AP	2582.7290	1466.0530
3137	TW@AP	2559.6264	1488.1331
3138	TW@AP	2554.3473	1486.9477
3139	TW@BC	2778.3087	1439.6669
3140	TW@BC	2783.4429	1437.6916
3141	TW@BC	2778.1195	1448.5988
3142	TW@BC	2787.7442	1458.8049
3143	TW@BC	2796.2191	1458.9844
3144	TW@BC	2798.4846	1453.9475
3145	TW@ALIGN	2767.4127	1340.9873
3146	TW@ALIGN	2773.6528	1216.3207
3147	TW@ALIGN	2803.6231	1188.9491
3148	TW@ALIGN	2844.3149	1197.8128
3149	TW@ALIGN	2891.4423	1198.8109
3150	TW@ALIGN	2918.3199	1199.3801
3151	TW@ALIGN	2974.0309	1200.5600
3152	TW@ALIGN	2741.1172	1441.3525
3153	TW@ALIGN	2721.0992	1460.5194
3154	TW@ALIGN	2701.7729	1479.0440
3155	TW@ALIGN	2700.0205	1513.5369
3156	TFC@AP	2712.0391	1720.3083
3157	TFC@AP	2702.9740	1720.1163
3158	TFC@AP	2699.4446	1697.1501
3159	TFC@AP	2692.1119	1700.3521
3160	TFC@BC	2676.1740	1700.6910
3161	TFC@BC	2642.2436	1691.1524
3162	TFC@BC	2654.6697	1682.7506
3163	TFC@BC	2631.0359	1647.7962
3164	TFC@BC	2618.6097	1656.1980
3165	TFC@BC	2577.1891	1634.2039
3166	TFC@BC	2577.1891	1619.2039
3167	TFC@END	2560.1494	1611.7196
3168	TFC@END	2543.0014	1641.7656
3169	APRON@END	2801.3943	1294.1845
3170	APRON@END	2782.3986	1293.7822
3171	APRON@END	2938.6635	1437.3957
3172	APRON@END	2938.2612	1456.3915
3173	APRON@END	2884.5008	1469.8559
3174	APRON@END	2884.0985	1488.8516
3175	APRON@END	2723.1720	1643.0967
3176	APRON@END	2704.1763	1642.6944

Construction Point List			
Point #	Raw Description	Northing	Easting
3177	TW@AP	2703.7443	1616.1793
3178	TW@AP	2915.7469	1456.9149
3179	TW@AP	2780.9211	1316.3202
3180	TW@WALL	2772.0604	1404.0998
3181	TW@WALL	2771.0606	1404.0787
3182	TW@WALL	2772.3734	1342.0926
3183	TW@WALL	2768.3743	1342.0079
3184	TW@WALL	2768.3955	1341.0081
3185	TW@ALIGN	2661.9898	1492.3721
3186	TW@ALIGN	2663.7880	1482.5351
3187	TW@ALIGN	2599.0357	1480.8492
3188	TW@WALL	2773.8753	1276.8254
3189	TW@ALIGN	2771.8017	1369.0865
3190	TW@ALIGN	2765.0620	1403.9516
3191	RP	2761.7188	1372.8959
3192	RP	2754.8400	1414.3261
3193	RP	2765.3817	1436.0811
3194	RP	2761.1233	1448.2388
3195	RP	2748.7962	1451.9787
3196	RP	2781.2556	1439.6664
3197	RP	2788.0007	1448.9218
3198	RP	2796.2826	1455.9850
3199	RP	2683.4599	1506.4563
3200	RP	2687.8106	1471.6493
3201	RP	2794.6483	1551.5909
3202	RP	2588.0357	1599.0804
3203	RP	2792.4524	1655.2749
3204	RP	2612.9475	1768.0666
3205	RP	2831.5951	1792.4225
3206	CL.FENCE	3021.1624	1792.9210
3207	CL.FENCE	2984.1523	1256.4012
3208	RP	2577.1891	1684.2039
3209	RP	2696.5046	1654.4646
3210	RP	2683.7389	1681.5185
3211	RP	2722.9707	1247.9989
3212	SAWCUT	2774.6304	1170.1608
3213	SAWCUT	2887.9033	1170.5417
3214	SAWCUT	2888.8424	1152.0483
3215	PITCH	2718.4821	1628.2461
3216	PITCH	2709.4908	1628.0556
3217	PITCH	2810.4606	1573.0914
3218	PITCH	2869.6064	1474.5499
3219	PITCH	2869.4160	1483.5412
3220	PITCH	2926.5958	1442.4330
3221	PITCH	2926.4176	1450.8478
3222	PITCH	2795.8507	1306.0281
3223	PITCH	2787.4359	1305.8499
3224	PITCH	2858.1772	1377.1511
3225	HOME.PLATE	2796.8246	1260.0384
3226	HOME.PLATE	2788.4099	1259.8602
3227	HOME.PLATE	2972.5855	1443.4070
3228	HOME.PLATE	2972.4073	1451.8218
3229	HOME.PLATE	2930.0928	1475.8309
3230	HOME.PLATE	2929.9024	1484.8222
3231	HOME.PLATE	2717.2011	1688.7325
3232	HOME.PLATE	2708.2098	1688.5421
3233	CL.STRUCT.POST	2788.3478	1343.4727
3234	CL.STRUCT.POST	2787.5448	1381.3809
3235	CL.STRUCT.POST	2796.2095	1381.5644
3236	CL.STRUCT.POST	2797.0125	1343.6563
3237	CL.STRUCT.POST	2850.9607	1447.5411
3238	CL.STRUCT.POST	2851.1442	1438.8764
3239	CL.STRUCT.POST	2889.0524	1439.6791
3240	CL.STRUCT.POST	2888.8689	1448.3438
3241	CL.STRUCT.POST	2830.4480	1475.7130
3242	CL.STRUCT.POST	2830.2645	1484.3777
3243	CL.STRUCT.POST	2792.5398	1474.9100
3244	CL.STRUCT.POST	2792.3563	1483.5747
3245	CL.STRUCT.POST	2721.7907	1551.2135
3246	CL.STRUCT.POST	2713.1260	1551.0301
3247	CL.STRUCT.POST	2712.3234	1588.9382
3248	CL.STRUCT.POST	2720.9881	1589.1217
3249	APRON@END	2698.7925	1834.0230
3250	APRON@END	2740.3106	1835.0829
3251	TFC@END	2725.1327	1720.5856
3252	TFC@END	2702.0283	1697.2048
3253	RP	2851.4233	1615.8267
3254	TW@ALIGN	2600.8312	1471.0269
3255	AC@AP	2891.1264	1152.1016
3256	TFC@END	2891.4603	1174.6355
3257	FLAGPOLE	2893.8650	1453.0870
3258	TW@AP	2748.7539	1453.9782
3259	TW@AP	2755.7645	1454.1267
3260	TW@AP	2755.6798	1458.1258
3261	TW@AP	2583.6984	1467.8916
3262	SAWCUT	2560.1690	1490.4115
3263	SAWCUT	2580.3230	1481.7760
3264	SAWCUT	2558.4302	1610.7488

MATCHLINE
SEE SHEET C2.1

MATCHLINE - SEE SHEET C2.2



1 HORIZONTAL CONTROL PLAN

SCALE 1" = 20'-0"

Project Control Point List				
Point #	Raw Description	Elevation	Northing	Easting
1	CPS_CHISELED_"+"	42.075	2410.9130	1809.2780
2	CPS_CHISELED_"+"	40.954	2767.1610	1331.5650
3	CPS_CHISELED_"+"	41.905	2494.9190	1641.5610
4	CPS_CHISELED_"+"	41.314	2446.2640	1557.3920
5	CPS_CHISELED_"+"	41.446	2350.7540	1608.4800
6	CPS_CHISELED_"+"	41.403	2252.3920	1661.7400
7	CPS_CHISELED_"+"	41.272	2096.4790	1714.2020
8	CPS_CHISELED_"+"	41.239	2556.6670	1453.1540
9	CPS_CHISELED_"+"	40.798	2512.8010	1378.2820
10	CPS_CHISELED_"+"	40.629	2404.4050	1171.3780
11	CPS_CHISELED_"+"	40.643	2897.5110	808.4180

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

GRAPHIC SCALE

20' 0 10' 20' 40'
(IN FEET) 1 inch = 20 feet

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

NORTH

LEGEND

COORDINATE LOCATION
COORDINATE NUMBER
TBM COORDINATE LOCATION
TBM COORDINATE NUMBER

COORDINATE LIST
SEE LEFT

TBM LIST
SEE LEFT

RELEASE OF CAD FILES

CAD FILES WILL BE AVAILABLE UPON REQUEST AND WITH SIGNED ELECTRONIC FILE RELEASE AGREEMENT TO BE PROVIDED. WARREN CONSULTING ENGINEERS INC. WILL PROVIDE SUCH CAD FILES WITHIN 2 WORKING DAYS OF RECEIPT OF SIGNED CAD RELEASE AGREEMENT. FILED WILL BE AUTOCAD, VERSION 2018.

MATCHLINE - SEE BELOW

02-123298

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LICENSED ARCHITECT
KEITH L. DEARMAN
C-29928
RENEWAL 12/2025
STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. C74696
CIVIL
STATE OF CALIFORNIA
3/17/2025

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TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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LODI UNIFIED SCHOOL DISTRICT

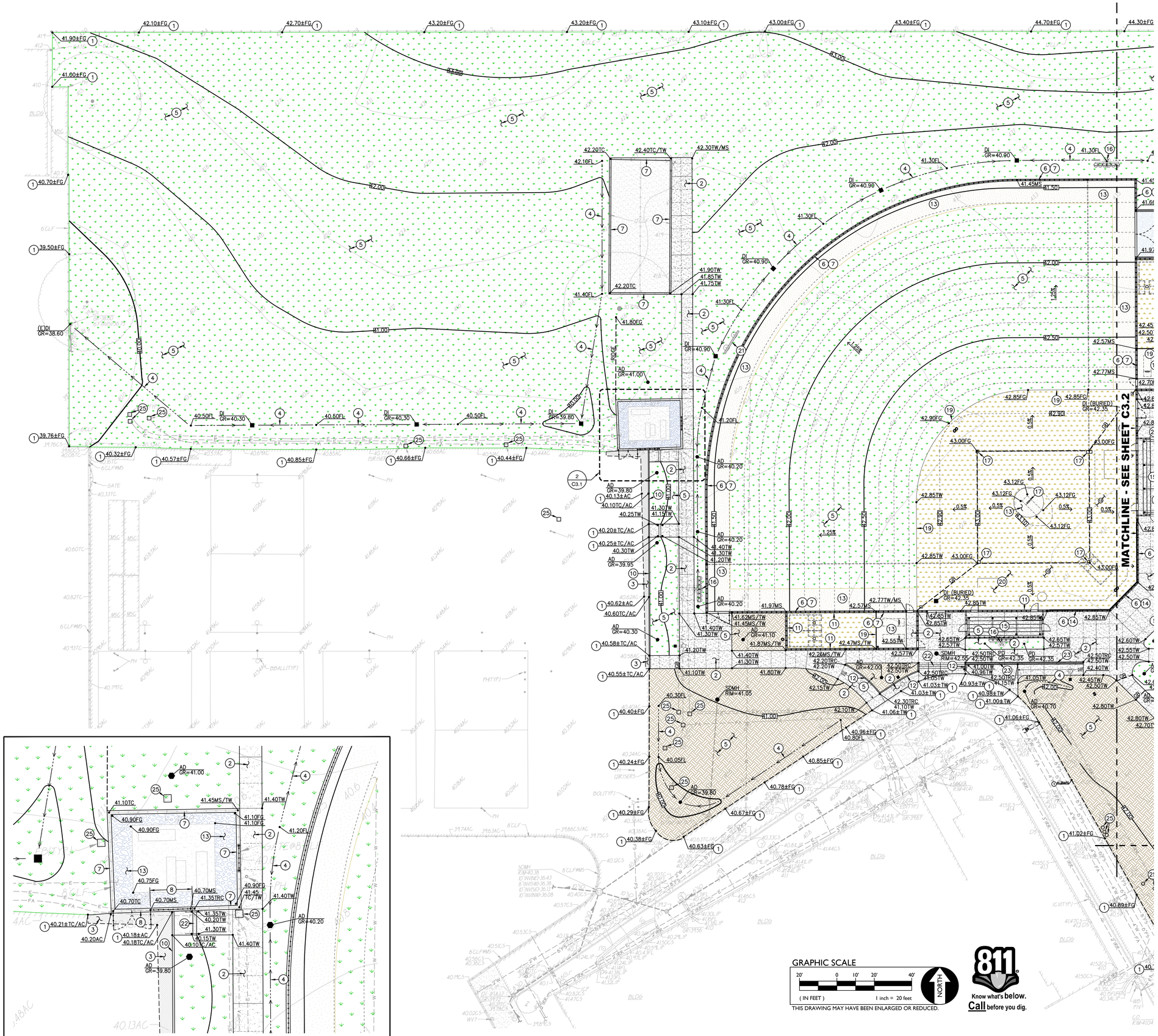
REVISIONS

PROJECT NO:	2025-02
ISSUE SET:	CD
ISSUE DATE:	03/25/2025
DRAWN BY:	AT/SMN

HORIZONTAL CONTROL PLAN

C2.3

PLOTTED: Monday, March 17, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C2.1.DWG



2 DETAIL GRADING PLAN SCALE 1" = 20'-0"

1 GRADING PLAN SCALE 1" = 20'-0"

PLOTTED: Monday, March 17, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C3.1.DWG

PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C0.1 CLARIFIED AS FOLLOWS:

- CONCRETE FLATWORK, ALL - PER GENERAL PAVING SURFACE NOTES ON SHEET C0.1
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C0.1
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.

CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

SURFACE SLOPES AT BUILDINGS

UNPAVED SURFACING ADJOINING BUILDINGS SHALL SLOPE AWAY FROM BUILDING A MINIMUM 10% FOR A MINIMUM DISTANCE OF 10 FEET, MEASURED PERPENDICULAR TO THE BUILDING IN ACCORDANCE WITH 2022 CBC, 1804A.4.

FLATWORK, PAVING AND OTHER IMPERVIOUS SURFACES ADJOINING BUILDINGS SHALL SLOPE AWAY FROM BUILDING A MINIMUM 2% FOR A MINIMUM DISTANCE OF 10 FEET WHEN NOT SUBJECT TO OR ACCESSIBLE BY PEDESTRIAN TRAFFIC. ALL AREAS SUBJECT TO PEDESTRIAN TRAFFIC SHALL SLOPE A MINIMUM OF 1% AND A MAXIMUM OF 2%, MEASURED PERPENDICULAR TO THE BUILDING IN ACCORDANCE WITH 2022 CBC, 1804A.4

CONSTRUCTION NOTES

1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, PROVIDED DOWELS AT 24" O.C. PER THE DETAIL. (3 / C8.1)
2. PLACE NEW REINFORCED CONCRETE PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO DETAILS PROVIDED FOR TYPICAL CONDITIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET. (1 / C8.1, 2 / C8.1, 3 / C8.1)
3. PLACE ASPHALT PAVING, REFER TO PAVING PLAN FOR SECTIONS AND SECIFICATIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET.
4. GRADE UNIFORM SWALE AS SHOWN. SIDE SLOPES SHALL NOT EXCEED 1H:3V. RUNNING SLOPE SHALL BE NO LESS THAN 0.5%. IT IS CONTRACTORS RESPONSIBILITY TO ENSURE THAT LANDSCAPE SUBCONTRACTORS DO NOT ALTER GRADED SWALES WITH PLANTING OR OTHER SURFACING.
5. PROVIDE NEW LANDSCAPING OR REPAIR OF EXISTING AS DESIGNATED ON PAVING PLAN AND LANDSCAPING PLANS.
6. REFER TO FENCING PLAN FOR NEW FENCING AND GATES.
7. CONSTRUCT 12" WIDE CONCRETE APRON PER THE DETAIL PROVIDED. (6 / C8.1)
8. CONSTRUCT RAISED 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED. (7 / C8.1)
9. CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5 / C8.1)
10. CONSTRUCT 6" WIDE CONCRETE FLUSH CURB PER THE DETAIL PROVIDED. (9 / C8.1)
11. CONSTRUCT SYNTHETIC TURF APRON WITH NAILER PER THE DETAIL PROVIDED. (2 / C8.2)
12. CONSTRUCT CONCRETE RETAINING CURB PER THE DETAILS PROVIDED. PROVIDE ANTI SKATE FORMING ON TOP. (11 / C8.1, 12 / C8.1)
13. SEE PAVING PLAN FOR INFIELD MIX, DG AND OTHER AGGREGATE SURFACING.
14. SEE FENCING PLAN FOR BACKSTOP.
15. FUTURE DUGGOUT STRUCTURE, BY SEPARATE PERMIT.
16. FUTURE STADIUM LIGHTING, BY SEPARATE PERMIT.
17. SEE EQUIPMENT PLANS FOR BASES AND OTHER GAME ACCESSORIES.
19. CONSTRUCT SYNTHETIC TURF TO NATURAL TURF TRANSITION CURB PER THE DETAIL PROVIDED. (3 / C8.2)
20. PROVIDE NEW SYNTHETUIC TURF SURFACING OVER SYNTHETIC PAD, FABRIC AND BASE AGGREGATES. SEE PAVING PLAN.
21. FUTURE SCOREBOARD, BY SEPARATE PERMIT.
22. CONSTRUCT CONCRETE STAIRWAY WITH STEEL RAILINGS PER THE DETAIL PROVIDED. (11 / C8.3)
23. CONSTRUCT DEEP SLAB EDGE WITH RAILING PER THE DETAIL PROVIDED. (13 / C8.1, 12 / C8.3)
24. CONSTRUCT PLANTING APRON PER THE DETAIL PROVIDED. (14 / C8.1)
25. ADJUST EXISTING UTILITY BOX, VAULT OR OTHER STRUCTURE TO PROPOSED FINISHED GRADE. REPLACE ANY BROKEN OR DAMAGED BOXES OR COVERS. PROTECT UTILITIES.
26. CONSTRUCT SHORT LANDSCAPE WALL PER THE DETAIL PROVIDED. (16 / C8.1)
27. CONSTRUCT CONCRETE VALLEY GUTTER PER THE DETAIL PROVIDED. (17 / C8.1)
28. CONSTRUCT 30' TALL FLAGPOLE PER THE DETAIL PROVIDED. (4 / C8.4)

02-123298

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LICENSED ARCHITECT ANTHONY L. DEGARIAN C-29928 RENEWAL 12/2025 STATE OF CALIFORNIA

© 2025 ARCHITECHNICA

REGISTERED PROFESSIONAL ENGINEER ANTHONY J TASSANO NO. 27469 STATE OF CALIFORNIA 3/17/2025

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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO:	2025-02
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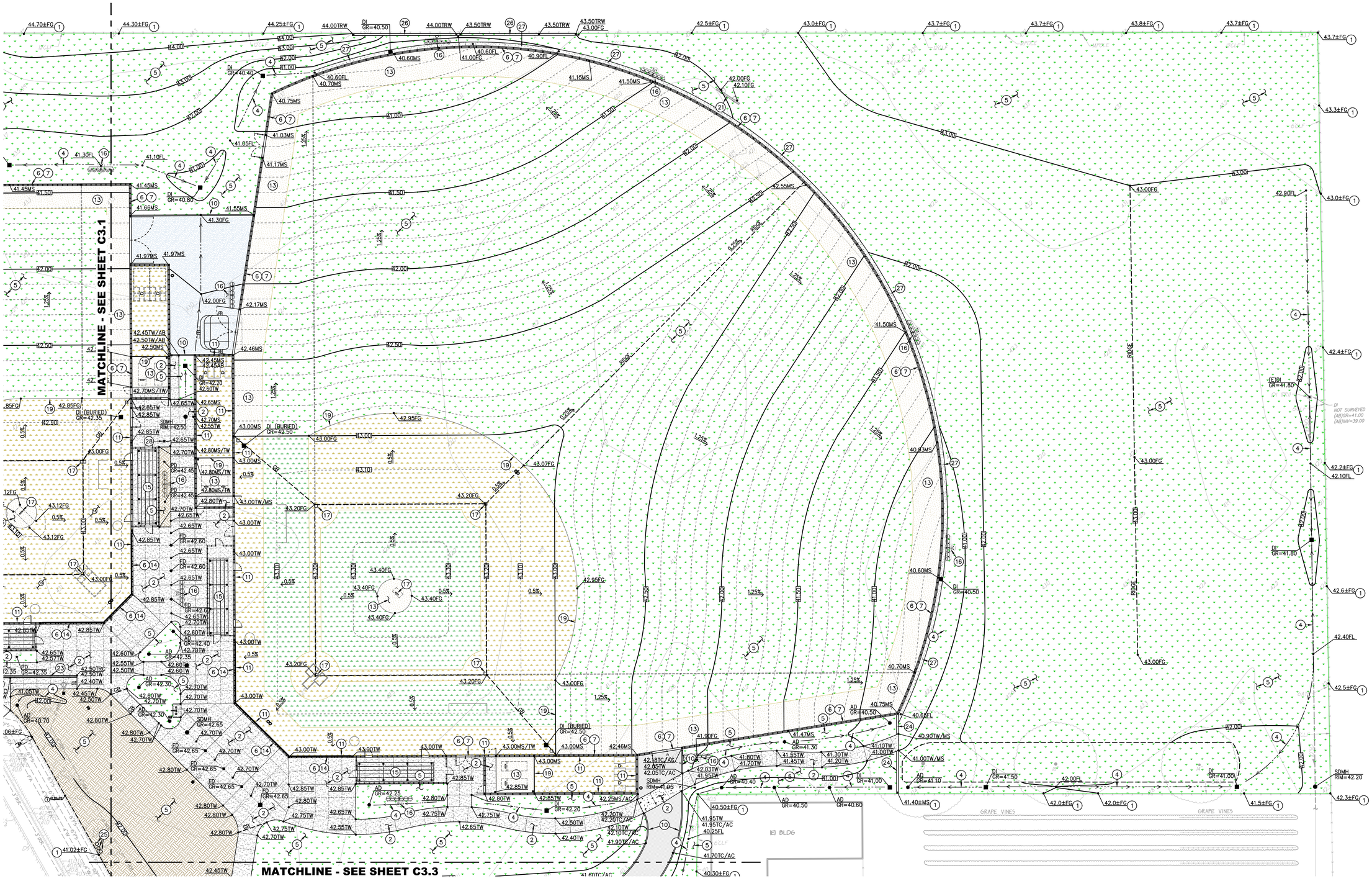
DRAWN BY:	AT/SMN

GRADING PLAN

C3.1



1 GRADING PLAN

SCALE 1" = 20'-0"

PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C0.1 CLARIFIED AS FOLLOWS:

- CONCRETE FLATWORK, ALL - PER GENERAL PAVING SURFACE NOTES ON SHEET C0.1
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C0.1
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.

CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

SURFACE SLOPES AT BUILDINGS

UNPAVED SURFACING ADJOINING BUILDINGS SHALL SLOPE AWAY FROM BUILDING A MINIMUM 10% FOR A MINIMUM DISTANCE OF 10 FEET, MEASURED PERPENDICULAR TO THE BUILDING IN ACCORDANCE WITH 2022 CBC, 1804A.4.

FLATWORK, PAVING AND OTHER IMPERVIOUS SURFACES ADJOINING BUILDINGS SHALL SLOPE AWAY FROM BUILDING A MINIMUM 2% FOR A MINIMUM DISTANCE OF 10 FEET WHEN NOT SUBJECT TO OR ACCESSIBLE BY PEDESTRIAN TRAFFIC. ALL AREAS SUBJECT TO PEDESTRIAN TRAFFIC SHALL SLOPE A MINIMUM OF 1% AND A MAXIMUM OF 2%, MEASURED PERPENDICULAR TO THE BUILDING IN ACCORDANCE WITH 2022 CBC, 1804A.4

CONSTRUCTION NOTES

1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, PROVIDED DOWELS AT 24" O.C. PER THE DETAIL. (3 / C8.1)
2. PLACE NEW REINFORCED CONCRETE PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO DETAILS PROVIDED FOR TYPICAL CONDITIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET. (1 / C8.1) (2 / C8.1) (3 / C8.1)
3. PLACE ASPHALT PAVING, REFER TO PAVING PLAN FOR SECTIONS AND SECIFICATIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET.
4. GRADE UNIFORM SWALE AS SHOWN. SIDE SLOPES SHALL NOT EXCEED 1H:3V. RUNNING SLOPE SHALL BE NO LESS THAN 0.5% IT IS CONTRACTORS RESPONSIBILITY TO ENSURE THAT LANDSCAPE SUBCONTRACTORS DO NOT ALTER GRADED SWALES WITH PLANTING OR OTHER SURFACING.
5. PROVIDE NEW LANDSCAPING OR REPAIR OF EXISTING AS DESIGNATED ON PAVING PLAN AND LANDSCAPING PLANS.
6. REFER TO FENCING PLAN FOR NEW FENCING AND GATES.
7. CONSTRUCT 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED. (6 / C8.1)
8. CONSTRUCT RAISED 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED. (7 / C8.1)
9. CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5 / C8.1)
10. CONSTRUCT 6" WIDE CONCRETE FLUSH CURB PER THE DETAIL PROVIDED. (9 / C8.1)
11. CONSTRUCT SYNTHETIC TURF APRON WITH NAILER PER THE DETAIL PROVIDED. (2 / C8.2)
12. CONSTRUCT CONCRETE RETAINING CURB PER THE DETAILS PROVIDED. PROVIDE ANTI SKATE FORMING ON TOP. (11 / C8.1) (12 / C8.1)
13. SEE PAVING PLAN FOR INFIELD MIX, DG AND OTHER AGGREGATE SURFACING.
14. SEE FENCING PLAN FOR BACKSTOP.
15. FUTURE DUGGOUT STRUCTURE, BY SEPARATE PERMIT.
16. FUTURE STADIUM LIGHTING, BY SEPARATE PERMIT.
17. SEE EQUIPMENT PLANS FOR BASES AND OTHER GAME ACCESSORIES.
19. CONSTRUCT SYNTHETIC TURF TO NATURAL TURF TRANSITION CURB PER THE DETAIL PROVIDED. (3 / C8.2)
20. PROVIDE NEW SYNTHETIUC TURF SURFACING OVER SYNTHETIC PAD, FABRIC AND BASE AGGREGATES. SEE PAVING PLAN.
21. FUTURE SCOREBOARD, BY SEPARATE PERMIT.
22. CONSTRUCT CONCRETE STAIRWAY WITH STEEL RAILINGS PER THE DETAIL PROVIDED. (11 / C8.3)
23. CONSTRUCT DEEP SLAB EDGE WITH RAILING PER THE DETAIL PROVIDED. (13 / C8.1) (12 / C8.3)
24. CONSTRUCT PLANTING APRON PER THE DETAIL PROVIDED. (14 / C8.1)
25. ADJUST EXISTING UTILITY BOX, VAULT OR OTHER STRUCTURE TO PROPOSED FINISHED GRADE. REPLACE ANY BROKEN OR DAMAGED BOXES OR COVERS. PROTECT UTILITIES.
26. CONSTRUCT SHORT LANDSCAPE WALL PER THE DETAIL PROVIDED. (16 / C8.1)
27. CONSTRUCT CONCRETE VALLEY GUTTER PER THE DETAIL PROVIDED. (17 / C8.1)
28. CONSTRUCT 30' TALL FLAGPOLE PER THE DETAIL PROVIDED. (4 / C8.4)

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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

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LICENSED ARCHITECT · KEITH L. DEARMAN · C-29928 · RENEWAL 12 / 2025 · STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER · ANTHONY J TASSANO · 3/17/2025 · STATE OF CALIFORNIA

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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO:	2025-02
ISSUE SET:	CD
ISSUE DATE:	03/25/2025
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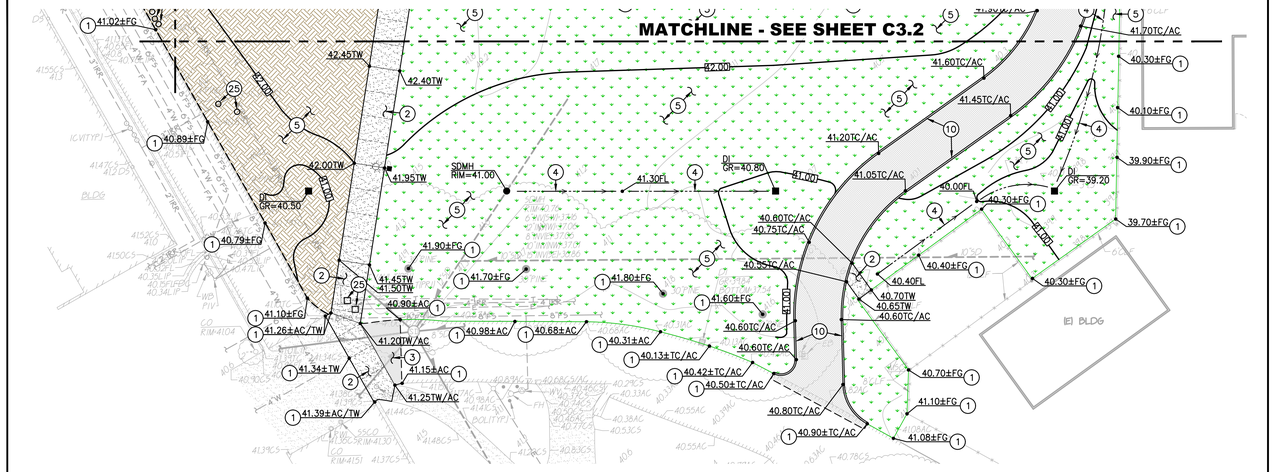
GRADING PLAN

C3.2



1 GRADING PLAN

SCALE 1" = 20'-0"

PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C0.1 CLARIFIED AS FOLLOWS:

- CONCRETE FLATWORK, ALL - PER GENERAL PAVING SURFACE NOTES ON SHEET C0.1
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C0.1
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.

CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

SURFACE SLOPES AT BUILDINGS

UNPAVED SURFACING ADJOINING BUILDINGS SHALL SLOPE AWAY FROM BUILDING A MINIMUM 10% FOR A MINIMUM DISTANCE OF 10 FEET, MEASURED PERPENDICULAR TO THE BUILDING IN ACCORDANCE WITH 2022 CBC, 1804A.4.

FLATWORK, PAVING AND OTHER IMPERVIOUS SURFACES ADJOINING BUILDINGS SHALL SLOPE AWAY FROM BUILDING A MINIMUM 2% FOR A MINIMUM DISTANCE OF 10 FEET WHEN NOT SUBJECT TO OR ACCESSIBLE BY PEDESTRIAN TRAFFIC. ALL AREAS SUBJECT TO PEDESTRIAN TRAFFIC SHALL SLOPE A MINIMUM OF 1% AND A MAXIMUM OF 2%, MEASURED PERPENDICULAR TO THE BUILDING IN ACCORDANCE WITH 2022 CBC, 1804A.4

CONSTRUCTION NOTES

1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, PROVIDED DOWELS AT 24" O.C. PER THE DETAIL. (3/C8.1)
2. PLACE NEW REINFORCED CONCRETE PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO DETAILS PROVIDED FOR TYPICAL CONDITIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET. (1/C8.1) (2/C8.1) (3/C8.1)
3. PLACE ASPHALT PAVING, REFER TO PAVING PLAN FOR SECTIONS AND SECIFICATIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET.
4. GRADE UNIFORM SWALE AS SHOWN. SIDE SLOPES SHALL NOT EXCEED 1H:3V. RUNNING SLOPE SHALL BE NO LESS THAN 0.5% IT IS CONTRACTORS RESPONSIBILITY TO ENSURE THAT LANDSCAPE SUBCONTRACTORS DO NOT ALTER GRADED SWALES WITH PLANTING OR OTHER SURFACING.
5. PROVIDE NEW LANDSCAPING OR REPAIR OF EXISTING AS DESIGNATED ON PAVING PLAN AND LANDSCAPING PLANS.
6. REFER TO FENCING PLAN FOR NEW FENCING AND GATES.
7. CONSTRUCT 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED. (6/C8.1)
8. CONSTRUCT RAISED 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED. (7/C8.1)
9. CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5/C8.1)
10. CONSTRUCT 6" WIDE CONCRETE FLUSH CURB PER THE DETAIL PROVIDED. (9/C8.1)
11. CONSTRUCT SYNTHETIC TURF APRON WITH NAILER PER THE DETAIL PROVIDED. (2/C8.2)
12. CONSTRUCT CONCRETE RETAINING CURB PER THE DETAILS PROVIDED. PROVIDE ANTI SKATE FORMING ON TOP. (11/C8.1) (12/C8.1)
13. SEE PAVING PLAN FOR INFIELD MIX, DG AND OTHER AGGREGATE SURFACING.
14. SEE FENCING PLAN FOR BACKSTOP.
15. FUTURE DUGGOUT STRUCTURE, BY SEPARATE PERMIT.
16. FUTURE STADIUM LIGHTING, BY SEPARATE PERMIT.
17. SEE EQUIPMENT PLANS FOR BASES AND OTHER GAME ACCESSORIES.
19. CONSTRUCT SYNTHETIC TURF TO NATURAL TURF TRANSITION CURB PER THE DETAIL PROVIDED. (3/C8.2)
20. PROVIDE NEW SYNTHETUIC TURF SURFACING OVER SYNTHETIC PAD, FABRIC AND BASE AGGREGATES. SEE PAVING PLAN.
21. FUTURE SCOREBOARD, BY SEPARATE PERMIT.
22. CONSTRUCT CONCRETE STAIRWAY WITH STEEL RAILINGS PER THE DETAIL PROVIDED. (11/C8.3)
23. CONSTRUCT DEEP SLAB EDGE WITH RAILING PER THE DETAIL PROVIDED. (13/C8.1) (12/C8.3)
24. CONSTRUCT PLANTING APRON PER THE DETAIL PROVIDED. (14/C8.1)
25. ADJUST EXISTING UTILITY BOX, VAULT OR OTHER STRUCTURE TO PROPOSED FINISHED GRADE. REPLACE ANY BROKEN OR DAMAGED BOXES OR COVERS. PROTECT UTILITIES.
26. CONSTRUCT SHORT LANDSCAPE WALL PER THE DETAIL PROVIDED. (16/C8.1)
27. CONSTRUCT CONCRETE VALLEY GUTTER PER THE DETAIL PROVIDED. (17/C8.1)
28. CONSTRUCT 30' TALL FLAGPOLE PER THE DETAIL PROVIDED. (4/C8.4)

GRAPHIC SCALE

30' 0 15' 30' 60'

(IN FEET) 1 inch = 30 feet

NORTH

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GRADING PLAN

C3.3

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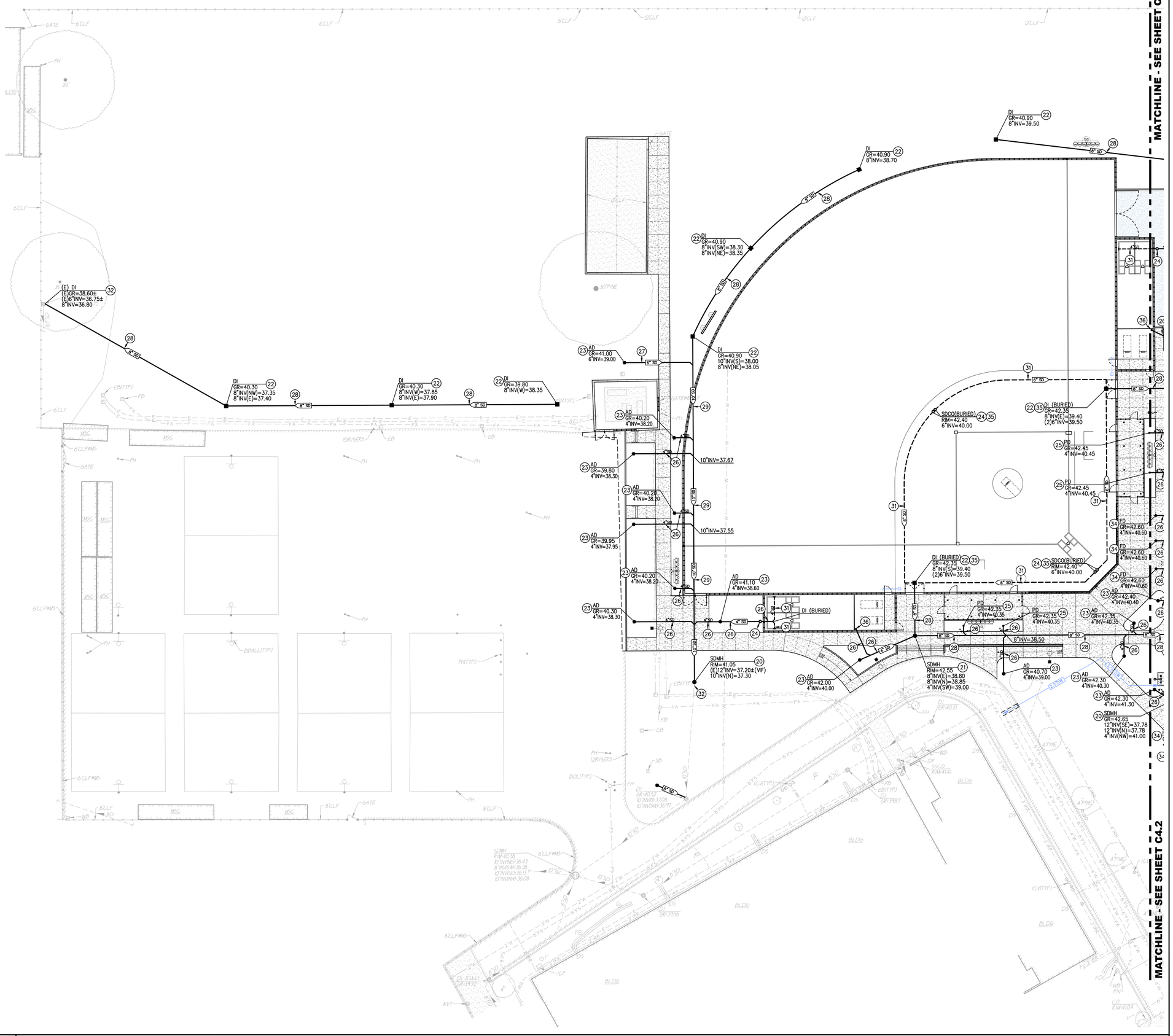

DRAINAGE CONSTRUCTION NOTES

NOTE: NOT ALL OF THESE NOTES MAY BE USED ON THIS SHEET

20. CONSTRUCT 48" STORM DRAIN MANHOLE PER THE DETAIL PROVIDED. (13 / C8.5)
21. CONSTRUCT 24" STORM DRAIN MANHOLE PER THE DETAIL PROVIDED. (10 / C8.5)
22. CONSTRUCT DROP INLET PER THE DETAIL PROVIDED. (11 / C8.5)
23. CONSTRUCT AREA DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. (15 / C8.5)
24. CONSTRUCT STORM DRAIN CLEANOUT PER THE DETAIL PROVIDED. (2 / C8.5)
25. CONSTRUCT PLANTER DRAIN PER THE DETAIL PROVIDED. (9 / C8.5)
26. PROVIDE AND INSTALL 4" STORM DRAIN, PVC SDR-35. SLOPE VARIES PER INVERTS SHOWN, BUT 0.015 MIN. (1.5%) (3 / C8.5) (18 / C8.5)
27. PROVIDE AND INSTALL 6" STORM DRAIN, PVC SDR-35. SLOPE VARIES PER INVERTS SHOWN, BUT 0.010 MIN. (1.0%) (3 / C8.5) (18 / C8.5)
28. PROVIDE AND INSTALL 8" STORM DRAIN, PVC SDR-35. SLOPE VARIES PER INVERTS SHOWN, BUT 0.005 MIN. (0.50%) (3 / C8.5)
29. PROVIDE AND INSTALL 10" STORM DRAIN, PVC SDR-35 OR HDPE. SLOPE VARIES PER INVERTS SHOWN, BUT 0.0030 MIN. (0.30%) (3 / C8.5)
30. PROVIDE AND INSTALL 12" STORM DRAIN, PVC SDR-35 OR HDPE. SLOPE VARIES PER INVERTS SHOWN, BUT 0.0020 MIN. (0.20%) (3 / C8.5)
31. PROVIDE AND INSTALL PERFORATED SUB-SURFACE FIELD DRAINAGE MEDIA PER THE DETAIL PROVIDED. (A / C8.2)
32. CONNECT TO EXISTING STORM DRAIN. PROVIDE ALL COUPLERS OR FITTINGS AS NEEDED TO MAKE CONNECTION. POTHOLE TO VERIFY LOCATION AND DEPTH PRIOR TO TRENCHING. IF CONFLICT FOUND CONTACT ARCHITECT FOR DIRECTION.
33. ADJUST DRIANAGE STRUCTURE TO PROPOSED FINISHED GRADE AND PROVIDE CONCRETE COLLAR PER THE DETAIL PROVIDED. (5 / C8.5)
34. CONSTRUCT FLOOR DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. (8 / C8.5)
35. SET DRAIN STRUCTURE BELOW SYNTHETIC TURF PER THE DETAIL PROVIDED. (8 / C8.2)
36. CONSTRUCT TYPE 2 AREA DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. (12 / C8.5)

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GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

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1 **DRAINAGE AND SEWER PLAN**

SCALE 1" = 20'-0"

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DRAINAGE PLAN

C4.1

MATCHLINE - SEE SHEET C4.1

MATCHLINE - SEE SHEET C4.1

DI
GR=40.20
12"INV(SW)=38.50
8"INV(NE)=38.55

DI
GR=40.50
8"INV=39.00

DI
GR=40.80
12"INV(S)=38.35
12"INV(NE)=38.35
8"INV(NW)=38.40

SDMH
GR=42.50
12"INV(S)=38.11
12"INV(N)=38.11
8"INV(SE)=39.00
8"INV(W)=39.00

DI
GR=42.20
12"INV(S)=38.16
12"INV(N)=38.16
4"INV(E)=40.00

DI (BURIED)
GR=42.50
8"INV(NW)=39.40
(2)6"INV=40.00

SDCO(BURIED)
RIM=42.50
6"INV=40.00

SDCO(BURIED)
RIM=42.50
6"INV=41.00

DI(BURIED)
GR=42.50
8"INV(S)=38.65
(2)6"INV=40.00

DI
GR=42.20
8"INV(SE)=38.40
8"INV(W)=38.45

SDMH
GR=42.75
12"INV(S)=37.85
12"INV(N)=37.85
6"INV(W)=38.00

SDMH
GR=42.65
12"INV(SE)=37.78
12"INV(N)=37.78
4"INV(NW)=41.00

DI
GR=42.65
12"INV(SE)=37.67
12"INV(NW)=37.67
6"INV(E)=38.00

SDMH
RIM=41.00
(E)12"INV=37.20±(VIF)
8"INV(E)=37.50
8"INV(W)=37.50
12"INV(NE)=37.50

DI
GR=40.50
8"INV=37.80

DI
GR=40.80
8"INV(W)=37.90
8"INV(E)=37.95
8"INV(NE)=37.95

DI
GR=39.20
8"INV=38.40

DI
GR=40.50
10"INV=39.20

AD
GR=40.50
4"INV=39.50

AD
GR=41.30
4"INV=39.80

AD
GR=40.40
8"INV=39.50

8"INV=39.35

AD
GR=40.50

AD
GR=40.60

AD
GR=41.10

DI
GR=41.50
10"INV(E)=38.87
10"INV(N)=38.87

DI
GR=41.00
10"INV(E)=38.47
10"INV(W)=38.47

SDMH
RIM=42.20
10"INV=38.36±(VIF)
10"INV(W)=38.36

(E)DI
GR=41.80
(E)10"INV=39.00±

DI
NOT SURVEYED
(AB)GR=41.00
(AB)INV=39.00

DI
GR=41.80
(E)10"INV=38.77±

AD
GR=42.30
4"INV=40.30

AD
GR=42.30
4"INV=41.30

AD
GR=42.35
4"INV=40.35

AD
GR=42.40
4"INV=40.40

FD
GR=42.60
4"INV=40.60

FD
GR=42.65
4"INV=VERT.

PD
GR=42.45
4"INV=40.45

(BURIED)
=42.40
=40.00

(ED)
=39.40
=39.50

EL BLDG

6'CLF

12'CLF

MPOLE

GATE

10'SD

4'SD

8" SD

12" SD

4" SD

1 DRAINAGE AND SEWER PLAN

SCALE 1" = 20'-0"

DRAINAGE CONSTRUCTION NOTES

NOTE: NOT ALL OF THESE NOTES MAY BE USED ON THIS SHEET

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29. PROVIDE AND INSTALL 10" STORM DRAIN, PVC SDR-35 OR HDPE. SLOPE VARIES PER INVERTS SHOWN, BUT 0.0030 MIN. (0.30%) (3 C8.5)
30. PROVIDE AND INSTALL 12" STORM DRAIN, PVC SDR-35 OR HDPE. SLOPE VARIES PER INVERTS SHOWN, BUT 0.0020 MIN. (0.20%) (3 C8.5)
31. PROVIDE AND INSTALL PERFORATED SUB-SURFACE FIELD DRAINAGE MEDIA PER THE DETAIL PROVIDED. (A C8.2)
32. CONNECT TO EXISTING STORM DRAIN. PROVIDE ALL COUPLERS OR FITTINGS AS NEEDED TO MAKE CONNECTION. POTHOLE TO VERIFY LOCATION AND DEPTH PRIOR TO TRENCHING. IF CONFLICT FOUND CONTACT ARCHITECT FOR DIRECTION.
33. ADJUST DRAINAGE STRUCTURE TO PROPOSED FINISHED GRADE AND PROVIDE CONCRETE COLLAR PER THE DETAIL PROVIDED. (5 C8.5)
34. CONSTRUCT FLOOR DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. (8 C8.5)
35. SET DRAIN STRUCTURE BELOW SYNTHETIC TURF PER THE DETAIL PROVIDED. (8 C8.2)
36. CONSTRUCT TYPE 2 AREA DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. (12 C8.5)

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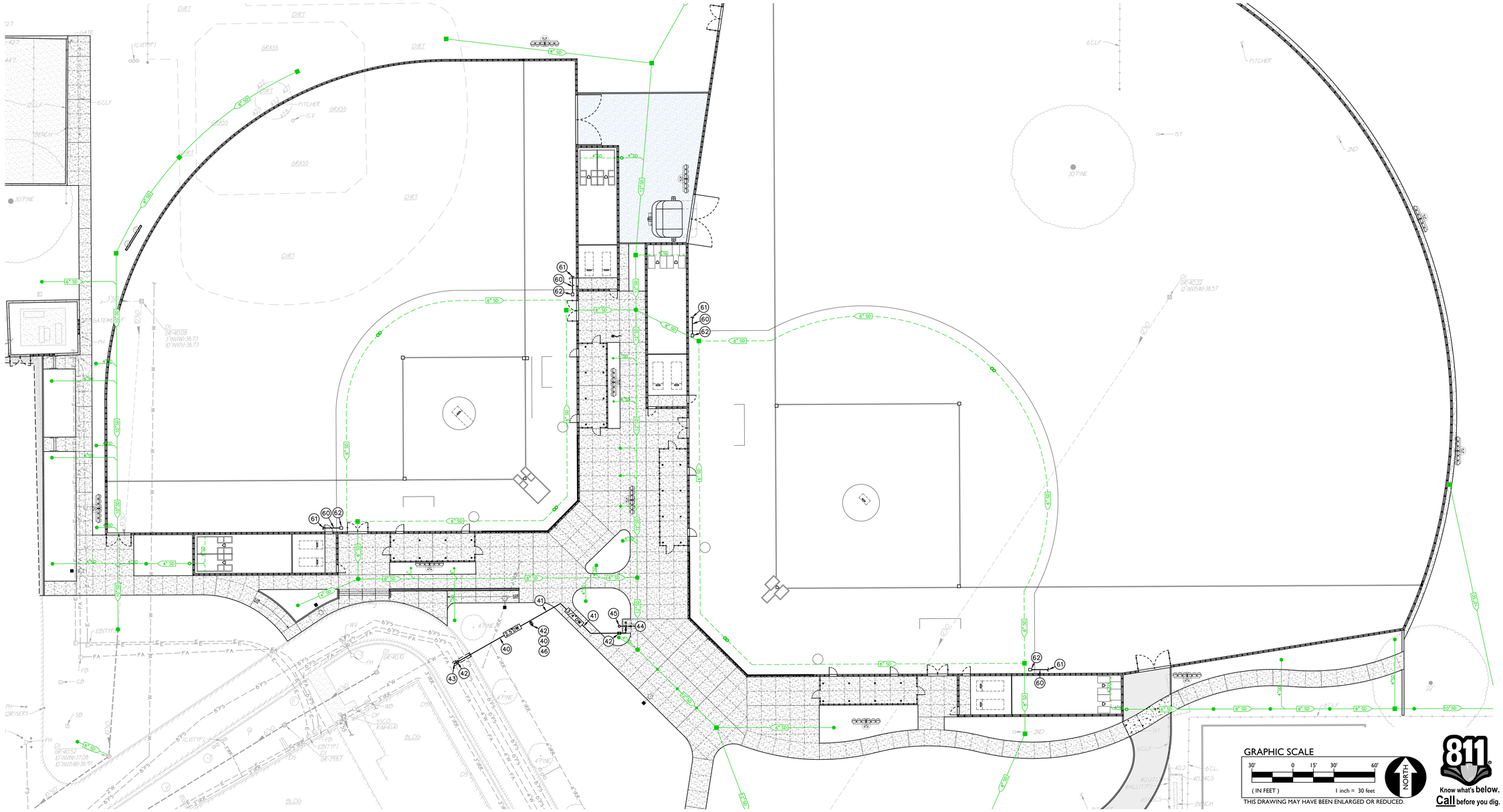
DRAINAGE PLAN

C4.2



1 WATER SYSTEM PLANS

SCALE 1" = 30'-0"

DOMESTIC WATER CONSTRUCTION NOTES

40. PLACE 2.5" PVC SCH 80 WATER MAIN PER THE DETAIL PROVIDED. (6 / C8.5)
41. PLACE 3/4" PVC SCH 80 WATER MAIN PER THE DETAIL PROVIDED. (6 / C8.5)
42. INSTALL WATER MAIN GATE VALVE VALVE BOX PER THE DETAIL PROVIDED. VALVE SIZE SHALL MATCH LINE SIZE. (17 / C8.5)
43. CONNECT TO EXISTING WATER MAIN. POTHOLE TO VERIFY LOCATION, SIZE AND CONDITION PRIOR TO CONSTRUCTION. IF CONFLICT IS FOUND, CONTACT ARCHITECT FOR DIRECTION.
44. PROVIDE AND INSTALL HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLER PER THE DETAIL PROVIDED. PROVIDE ALL PIPE FITTINGS AND COUPLERS NEEDED TO MAKE CONNECTION TO SITE WATER LINE. (1 / C8.6)
45. CONSTRUCT DRINKING FOUNTAIN DRYWELL PER THE DETAIL PROVIDED. PROVIDE 2" ABS OR PVC -DWV DRAIN LINE TO DRINKING FOUNTAIN AS SHOWN AND PROVIDE ALL FITTINGS AND COUPLERS NEEDED TO MAKE CONNECTION. (2 / C8.6) (3 / C8.5)
46. STUB AND CAP WATER LINE FOR FUTURE CONNECTION.

DOMESTIC WATER CONSTRUCTION NOTES

60. PLACE 2" PVC SCH 80 IRRIGATION LINE PER THE DETAIL PROVIDED. (6 / C8.5)
61. CONNECT TO LANDSCAPE WATER SYSTEM. SEE IRRIGATION DRAWINGS. COORDINATE CONNECTION WITH LANDSCAPE IRRIGATION INSTALLER.
62. PROVIDE AND INSTALL IRRIGATION QUICK COUPLER WITH 15"X18" SYNTHETIC TURF COVERED UTILITY BOX PER THE DETAIL PROVIDED. (7 / C8.2)

MATERIAL TRANSITION NOTE

WHEN TRANSITIONING FROM METALLIC WATER PIPE TO PLASTIC WATER PIPE (3" AND SMALLER) THREADED COUPLERS MAY BE USED BUT FEMALE ENDS MUST BE METALLIC AND MALE ENDS MUST BE PLASTIC THIS IS TRUE FOR VALVES AND OTHER UNIONS AS WELL.

UTILITY VERIFICATION NOTE

PRIOR TO THE START OF CONSTRUCTION, POTHOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION TO EXISTING UTILITIES FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

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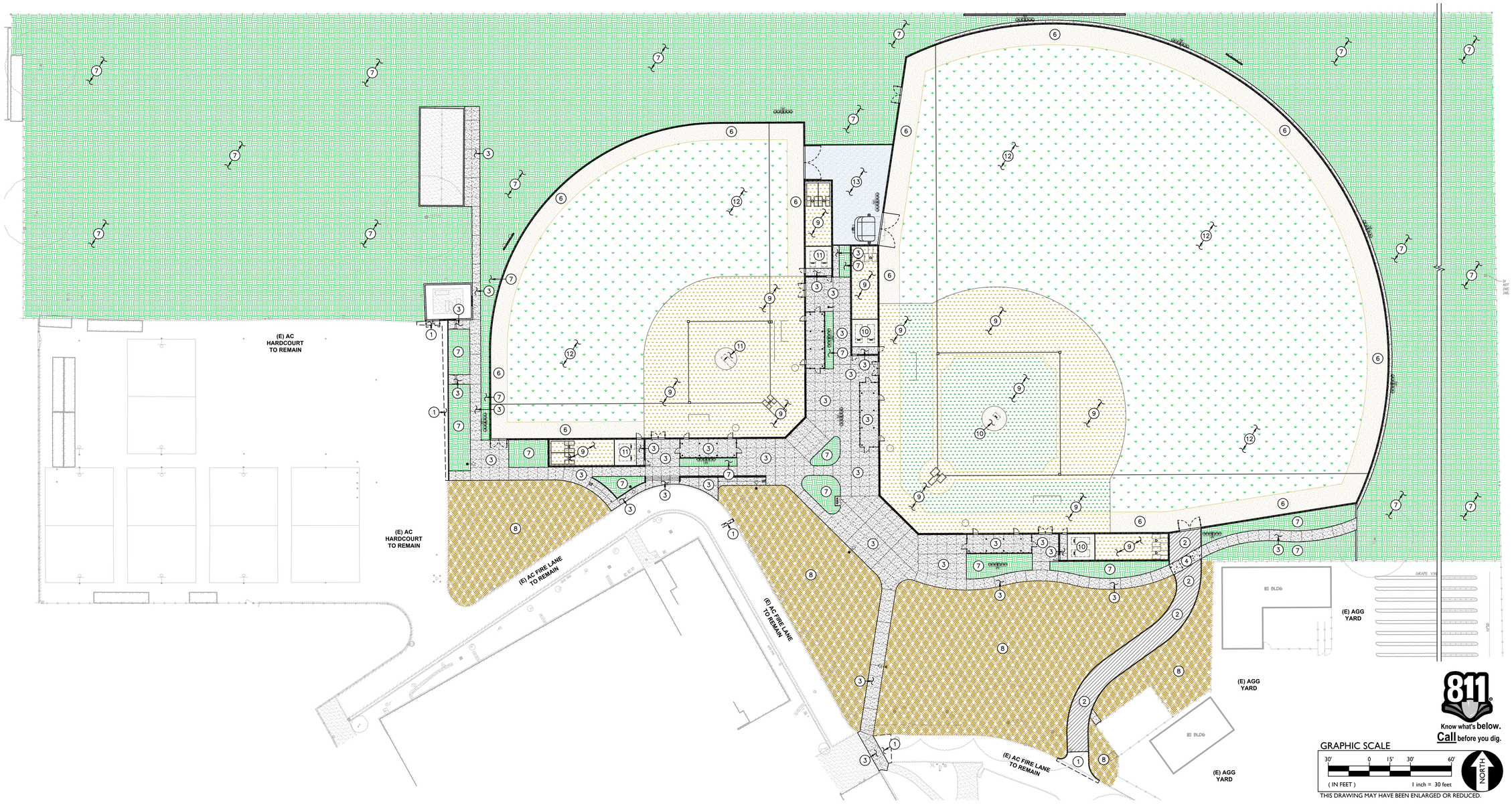
SITE WATER PLAN

C4.3



1 PAVING PLAN

SCALE 1" = 30'-0"

PAVING GENERAL NOTES:

1. ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
2. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26. AND PROJECT SPECIFICATIONS
3. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
4. RECYCLED ASPHALT PAVING (RAP) MAY BE USED AS CLASS II BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26–1.02A. SEE ALSO MATERIALS TESTING NOTE, THIS SHEET.
5. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON–WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
7. ALL NEW ASPHALT PAVING SHALL RECIEVE SEALCOAT, 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS, WITH EXCEPTION TO THE TRACK PAVING. NO SEALCOAT ON THE TRACK PAVEMENT. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTORS SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

CONCRETE FINISH GENERAL NOTES

1. REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
2. PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL.
3. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER.

FIELD LINE MARKING

1. CONTRACTOR TO PROVIDE AND INSTALL FULL LINE MARKING OF INFIELD AND OUTFIELD IN ACCORDANCE WITH NCAA SOFTBALL REGULATIONS.
2. FOR INFIELD, MARKING SHALL BE INLAID IN SYNTHETIC TURF (SEE SPECS) & SHEET C6.1.
3. IN OUTFIELD AND WARNING TRACKS, PAINTED ON OUTFIELD LAWN WITH APPROPRIATE LAWN MARKING PAINT AND CHALKED ON INFIELD MIX WITH APPROPRIATE FIELD CHALKING.
4. ALL MARKINGS SHALL BE 2" TO 4" WIDE.
5. MARKING SHALL INCLUDE:
   - FOUL LINES
   - BASELINES
   - PITCHING CIRCLE
   - PITCING LANE
   - BATTER AND CATCHERS BOX
   - COACHES BOX (EACH SIDE)
   - RUNNERS LANE LINE
   - ON DECK CIRCLES

PAVING LEGEND

1. TYPE 1 PAVING – FIRE LANES
   4" AC OVER 12" CLASS II AB ON 12" NON–EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE–COMPACTED SUBGRADE. ENGINEERED FILL AND SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00, ASPHALT PER SPECIFICATION SECTION 32 12 00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
2. TYPE 2 PAVING – GENERAL PAVING
   3" AC OVER 8" CLASS II AB ON 12" NON–EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE–COMPACTED SUBGRADE. ENGINEERED FILL AND SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00, ASPHALT PER SPECIFICATION SECTION 32 12 00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
3. TYPE 3 PAVING (1 C8.1) (2 C8.1) (3 C8.1)
   PLACE 5" PCC , 3,500 PSI MIN., OVER 4" CLASS II AB ON 12" NON–EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE–COMPACTED SUBGRADE. PLACE #4 REBAR AT 24" O.C.E.W. OR AS STATED IN THE PROJECT SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00, CONCRETE PER SECTION 32 16 00, REFER ALSO TO DETAILS PROVIDED.
4. TYPE 4 PAVING (1 C8.1) (2 C8.1) (3 C8.1) (15 C8.1)
   PLACE 6" PCC, 4,000 PSI MIN., OVER 8" CLASS II AB ON 12" NON–EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE–COMPACTED SUBGRADE. PLACE #4 BARS AT 18" O.C.E.W. OR AS STATED IN THE PROJECT SPECIFICATIONS, WHICHEVER IS MORE STRINGENT SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00 . CONCRETE PER SECTION 32 16 00 , REFER ALSO TO DETAILS PROVIDED.
5. TYPE 5 SURFACING
   FOLLOWING GRADING AND COMPACTION, HYDROSEED NATIVE AREAS FOR EROSION PROTECTION. SEE SECTION 31 25 00.
6. TYPE 6 SURFACING
   PLACE 3" LAYER COMPACTED INFIELD CINDER/CLAY MIX OVER SCARIFIED AND COMPACTED SUBGRADE. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE, AND SECTION 32 18 23.13 FOR INFIELD MIX, FINES AND CLAY MATERIALS.
   SEE FIELD LINE MARKING NOTE THIS SHEET
7. TYPE 7 SURFACING – LANDSCAPE AREAS (2 C8.1)
   PLACE BACK 8" MIN. LAYER OF NATIVE OR IMPORTED TOPSOIL FOR NEW LANDSCAPING. SEE LANDSCAPING AND IRRIGATION PLANS FOR ADDITIONAL INFO. EXISTING UNDISTURBED TOPSOIL MAY REMAIN IF GRADING WORK LIMITED (LESS THAN 3" CUT OR FILL). SUBGRADE AND TOPSOIL SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00.
   SEE FIELD LINE MARKING NOTE THIS SHEET
8. TYPE 8 SURFACING
   PATCH BACK AND REPAIR EXISTING LANDSCAPING TO MATCH EXISTING. REPAIR IRRIGATION LINES AND HEADS AS NEEDED AND ADJUST FOR PROPER COVERAGE. PROVIDE NEW TOPSOIL AND MULCH TO MATCH, AS APPLIES.
9. TYPE 9 SURFACING
   PROVIDE AND INSTALL COMPLETE TURF SYSTEM INSTALLATION, CONSISTING OF SYNTHETIC TURF & BALLAST, OVER UNDERLAYMENT (SHOCK PAD) OVER FILTER FABRIC ON 4" MIN. LEVELING AGGREGATE COURSE PER DETAIL ON SUBGRADE PREPARED PER SPECS, EXCEPT AT SUBGRAIN TRENCHES WHICH SHALL BE PER THE DETAILS/SECTIONS PROVIDED. REFER TO SPECIFICATIONS AND FIELD SECTIONS FOR ADDITIONAL INFO. ALL AGGREGATE LEVELING AND PLANARITY SHALL BE PROVIDED BY CONTRACTOR AND CONFIRMED AND ACCEPTED BY SYNTHETIC TURF INSTALLER PRIOR TO INSTALLATION. REFER TO SECTIONS 32 18 13, SECTION 32 18 14 AND 32 18 16.13. (A C8.2) (1 C8.2) (2 C8.2) (3 C8.2)
10. TYPE 10 SURFACING
    CONSTRUCT NATURAL CINDER BASEBALL PITCHING MOUND(S) OVER COMPACTED SUBGRADE PER THE DETAIL PROVIDED. SEE SECTION 31 00 00 FOR SUBGRADE, SEE SECTION 32 18 23.13 CLAY BLOCKS, CLAY FILNES, DRESSINGS AND OTHER CLAY MATERIALS. INSTALL PER MANUFACTURERS RECOMMENDATIONS AND INSTRUCTIONS. (9 C8.2)
11. TYPE 11 SURFACING
    CONSTRUCT NATURAL CINDER SOFTBALL PITCHING LANE(S) OVER COMPACTED SUBGRADE PER THE DETAIL PROVIDED. SEE SECTION 31 00 00 FOR SUBGRADE, SEE SECTION 32 18 23.13 CLAY BLOCKS, CLAY FILNES, DRESSINGS AND OTHER CLAY MATERIALS. INSTALL PER MANUFACTURERS RECOMMENDATIONS AND INSTRUCTIONS. (10 C8.2)
12. TYPE 12 SURFACING – BALLFIELD LAWN (2 C8.1)
    PLACE BACK 8" MIN. LAYER OF NATIVE OR IMPORTED TOPSOIL FOR NEW LANDSCAPING. FINISH SURFACE TO BE DETAIL GRADED TO ENSURE PROPER PLANARITY FOR NEW BALLFIELD LAWN PER SECTION 31 00 00. PLACE NEW LAWN PER THE LANDSCAPING AND IRRIGATION PLANS.
    SEE FIELD LINE MARKING NOTE THIS SHEET
13. TYPE 13 SURFACING – LOW MAINTENANCE GRAVEL PAVING
    PLACE 6" MIN. LAYER 95% COMPACTED CLASS II AB OVER SUBGRADE PREPARED IN ACCORDANCE WITH SECTION 31 00 00.

Know what's below. Call before you dig.

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TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO:	2025-02
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PAVING PLAN

C5.1

PLOTTED:Monday, March 17, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C5.1.DWG

GRAPHIC SCALE

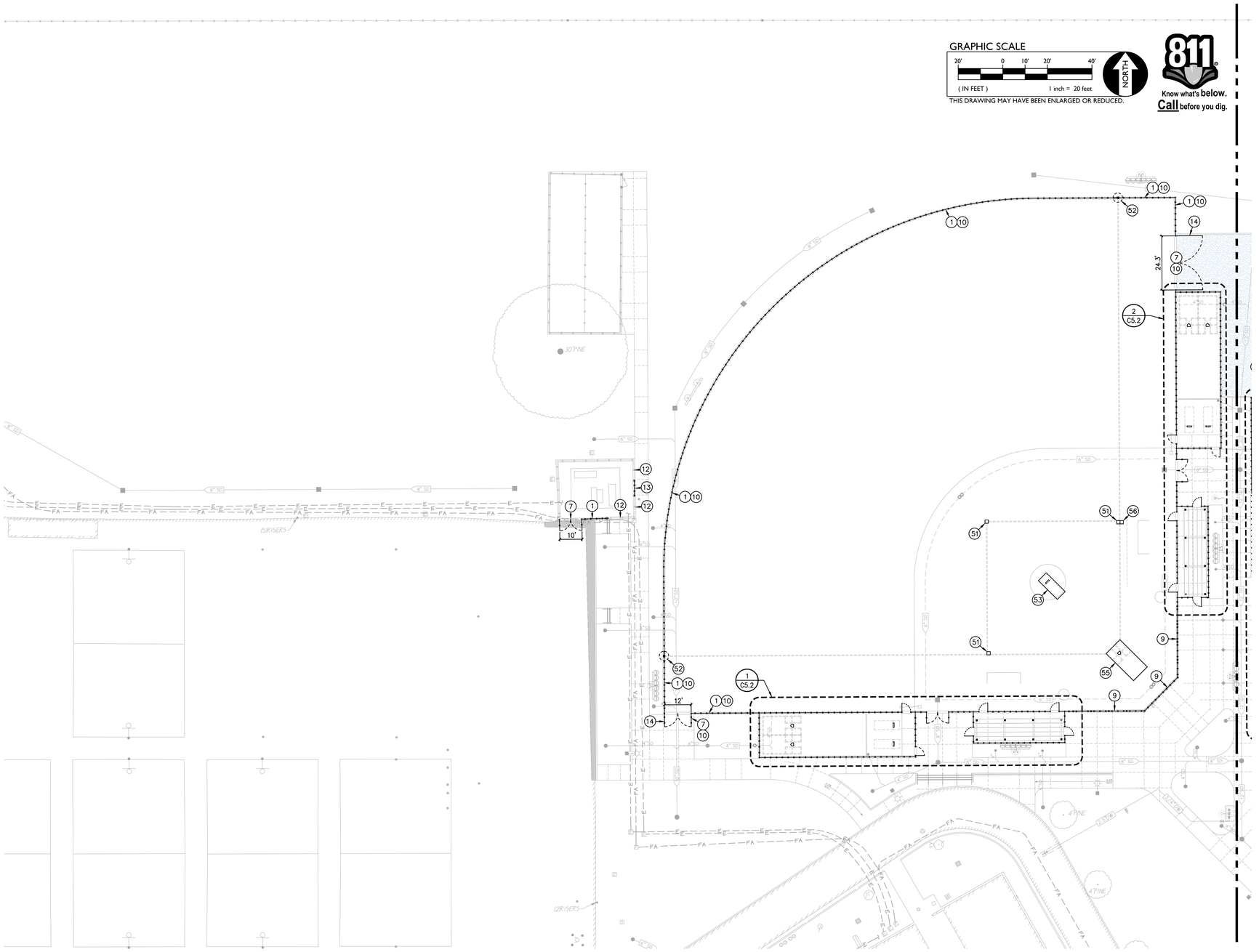
20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

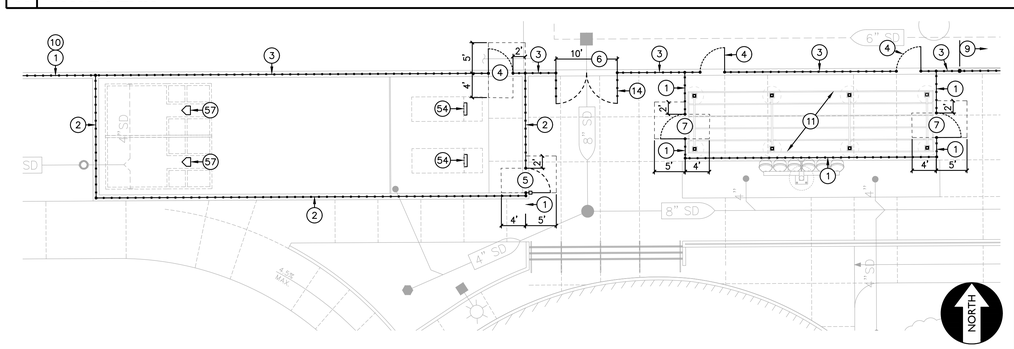
THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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



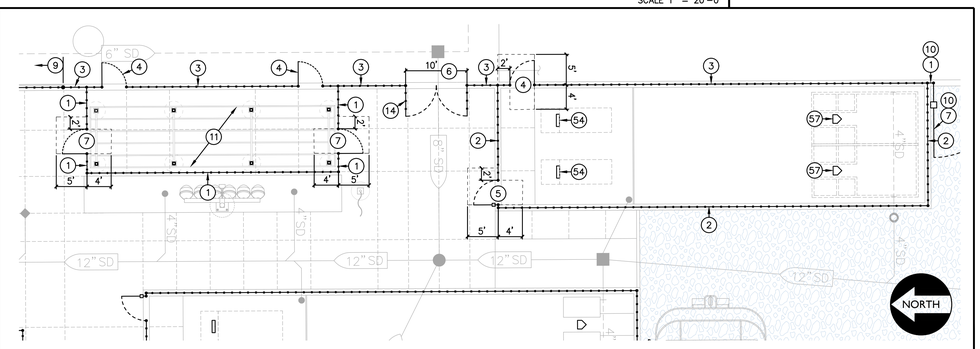
A GATE PLAN

SCALE 1" = 20'-0"



1 DETAIL PLAN

SCALE 1"=10'-0"



2 DETAIL PLAN

SCALE 1"=10'-0"

CHAIN LINK FENCING NOTES

1. PLACE 6' TALL GALVANIZED FINISH CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1 / C8.3)
2. PLACE 10' TALL GALVANIZED FINISH CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1 / C8.3)
3. PLACE 12' TALL GALVANIZED FINISH CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1 / C8.3)
4. CONSTRUCT 7' TALL (CLEAR) PEDESTRIAN ACCESS GATE IN 12' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. (10 / C8.3)
5. CONSTRUCT 7' TALL (CLEAR) PEDESTRIAN ACCESS GATE IN 10' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. (10 / C8.3) SIM.
6. CONSTRUCT 12' TALL GALVANIZED FINISH CHAIN LINK MAINTENANCE ACCESS GATE, WIDTH AS NOTED. CONSTRUCT PER SPECIFICATIONS SECTION 32 31 13 AND DETAILS PROVIDED. (2 / C8.3) (8 / C8.3)
7. CONSTRUCT 6' TALL GALVANIZED FINISH CHAIN LINK MAINTENANCE ACCESS GATE, WIDTH AS NOTED. CONSTRUCT PER SPECIFICATIONS SECTION 32 31 13 AND DETAILS PROVIDED. (2 / C8.3) (8 / C8.3)
8. CONSTRUCT 6' TALL GALVANIZED FINISH CHAIN LINK FIELD ACCESS GATE WITH ACCESSIBLE HARDWARE, WIDTH AS NOTED. CONSTRUCT PER SPECIFICATIONS SECTION 32 31 13 AND DETAILS PROVIDED. GATE TO BE ACCESSIBLE BUT NOT EMERGENCY EGRESS. (7 / C8.3) (8 / C8.3)
9. PLACE 30' TALL GALVANIZED FINISH CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON. (1 / C8.4)
10. PROVIDE AND INSTALL YELLOW SAFETY CAP ON OUTFIELD FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13 AND DETAIL PROVIDED. (4 / C8.3)
11. FUTURE DUGGOUT BY SEPARATE PERMIT. SEE FUTURE DUGGOUT PLAN FOR SEATING, AND OTHER AMENITIES AND ACCESSORIES.
12. REMOVE AND RE-ATTACH FENCING MESH HIGHER ON EXISTING POSTS TO ALLOW RAISING OF FINISHED GRADE, SEE GRADING PLAN.
13. REMOVE EXISTING GATE AND INFILL WITH NEW 6' TALL CHAIN LINK FENCING. MATCH EXISTING MESH.
14. PROVIDE SYNTHETIC TURF VEHICULAR ACCESS SIGN PER THE DETAIL PROVIDED. (4 / C8.2)
15. PROVIDE SYNTHETIC TURF PEDESTRIAN ACCESS SIGN PER THE DETAIL PROVIDED. (5 / C8.2)

SOFTBALL EQUIPMENT PLAN

51. CONSTRUCT SOFTBALL BASES WITH GROUND SLEEVE PER THE DETAIL PROVIDED. (6 / C8.2) (5 / C8.7)
52. CONSTRUCT SOFTBALL 20' TALL FOUL POLE PER THE DETAIL PROVIDED. (2 / C8.4) (3 / C8.4)
53. CONSTRUCT NATURAL CINDER SOFTBALL PITCHING AREA WITHIN SYNTHETIC TURF AREA PER THE DETAIL PROVIDED. (10 / C8.2)
54. CONSTRUCT NATURAL CINDER SOFTBALL BULLPEN PITCHING AREA PER THE DETAIL (10 / C8.2) SIM PROVIDED.
55. CONSTRUCT SOFTBALL BATTERS BOX WITH FORMING SYSTEM, SPORTFIELD SPECIALTIES BBFSB OR APPROVED EQUAL AND PER THE DETAIL PROVIDED. (4 / C8.7)
56. INSTALL SECOND SOFTBALL FIRST BASE WITH GROUND SLEEVE, ORANGE IN COLOR, PER THE DETAIL PROVIDED. (6 / C8.2) (5 / C8.7)
57. CONSTRUCT HOME PLATE IN BULLPEN WITH GROUND SLEEVE PER THE DETAIL PROVIDED, SPORTFIELD SPECIALTIES HPFS OR APPROVED EQUAL AND PER THE DETAIL PROVIDED. (2 / C8.7)

02-123298

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LODI UNIFIED SCHOOL DISTRICT

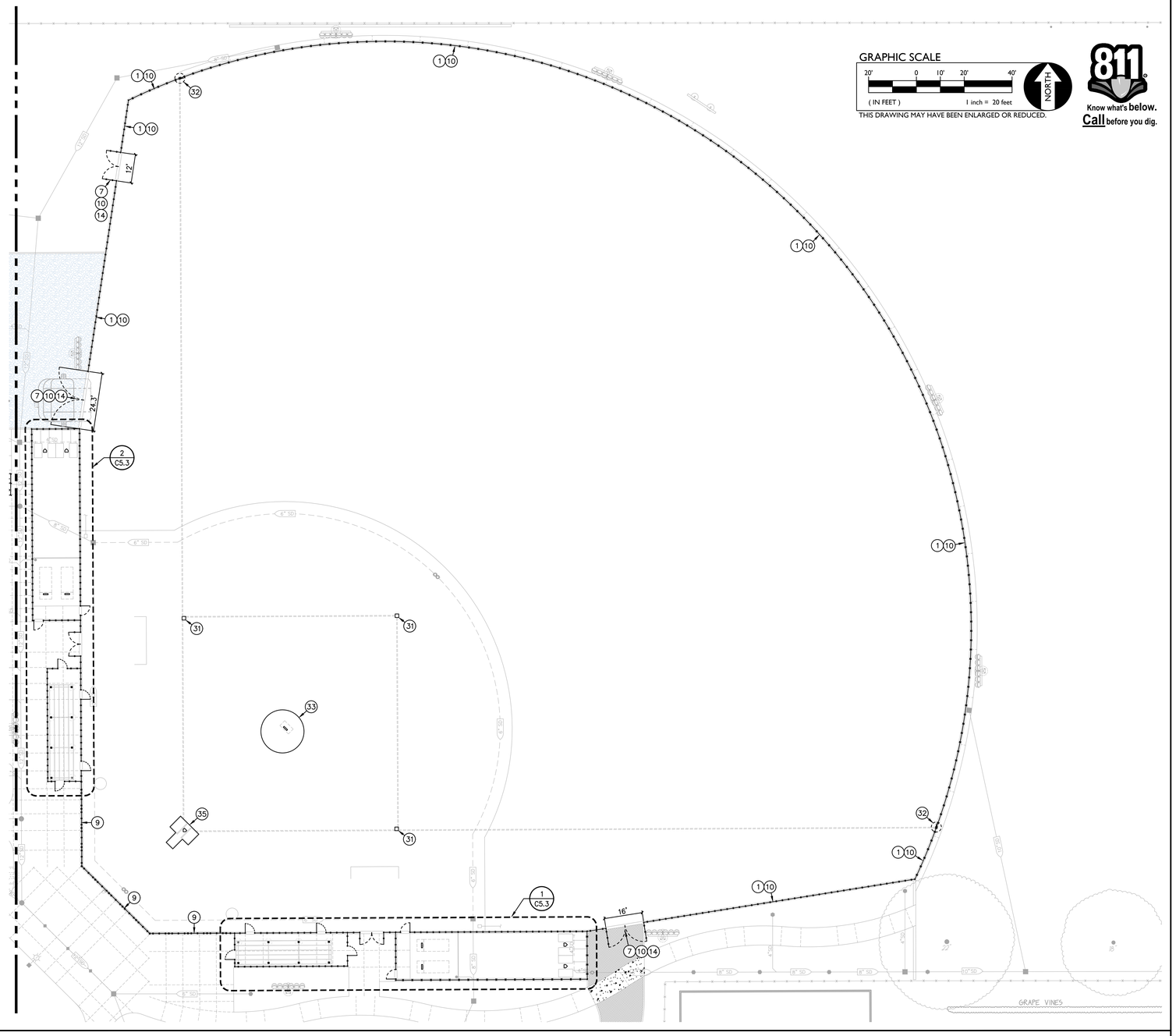
REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

FENCING AND EQUIPMENT PLAN

C5.2

PLOTTED: Monday, March 17, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C5.2.DWG



A GATE PLAN

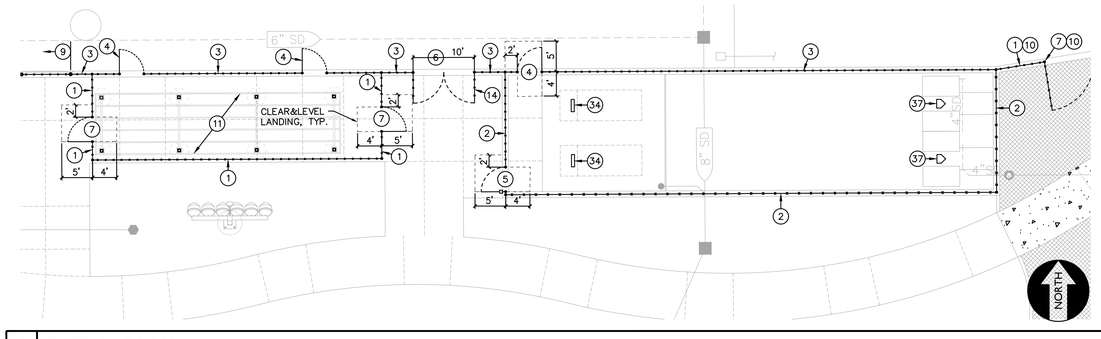
SCALE 1" = 20'-0"

CHAIN LINK FENCING NOTES

1. PLACE 6' TALL GALVANIZED FINISH CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1/C8.3)
2. PLACE 10' TALL GALVANIZED FINISH CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1/C8.3)
3. PLACE 12' TALL GALVANIZED FINISH CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1/C8.3)
4. CONSTRUCT 7' TALL (CLEAR) PEDESTRIAN ACCESS GATE IN 12' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. (10/C8.3)
5. CONSTRUCT 7' TALL (CLEAR) PEDESTRIAN ACCESS GATE IN 10' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. (10/C8.3) SIM.
6. CONSTRUCT 12' TALL GALVANIZED FINISH CHAIN LINK MAINTENANCE ACCESS GATE, WIDTH AS NOTED. CONSTRUCT PER SPECIFICATIONS SECTION 32 31 13 AND DETAILS PROVIDED. (2/C8.3) (8/C8.3)
7. CONSTRUCT 6' TALL GALVANIZED FINISH CHAIN LINK MAINTENANCE ACCESS GATE, WIDTH AS NOTED. CONSTRUCT PER SPECIFICATIONS SECTION 32 31 13 AND DETAILS PROVIDED. (2/C8.3) (8/C8.3)
8. CONSTRUCT 6' TALL GALVANIZED FINISH CHAIN LINK FIELD ACCESS GATE WITH ACCESSIBLE HARDWARE, WIDTH AS NOTED. CONSTRUCT PER SPECIFICATIONS SECTION 32 31 13 AND DETAILS PROVIDED. GATE TO BE ACCESSIBLE BUT NOT EMERGENCY EGRESS. (7/C8.3) (8/C8.3)
9. PLACE 30" TALL GALVANIZED FINISH CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON. (1/C8.4)
10. PROVIDE AND INSTALL YELLOW SAFETY CAP ON OUTFIELD FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13 AND DETAIL PROVIDED. (4/C8.3)
11. FUTURE DUGGOUT BY SEPARATE PERMIT. SEE FUTURE DUGGOUT PLAN FOR SEATING, AND OTHER AMENITIES AND ACCESSORIES.
12. REMOVE AND RE-ATTACH FENCING MESH HIGHER ON EXISTING POSTS TO ALLOW RAISING OF FINISHED GRADE, SEE GRADING PLAN.
13. REMOVE EXISTING GATE AND INFILL WITH NEW 6' TALL CHAIN LINK FENCING. MATCH EXISTING MESH.
14. PROVIDE SYNTHETIC TURF VEHICULAR ACCESS SIGN PER THE DETAIL PROVIDED. (4/C8.2)
15. PROVIDE SYNTHETIC TURF PEDESTRIAN ACCESS SIGN PER THE DETAIL PROVIDED. (5/C8.2)

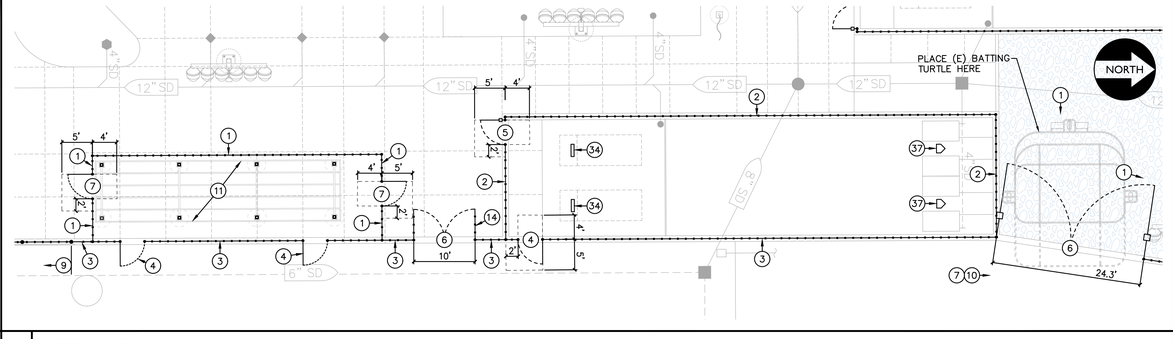
BASEBALL EQUIPMENT PLAN

31. CONSTRUCT BASEBALL BASES WITH GROUND SLEEVE PER THE DETAIL PROVIDED. (6/C8.2) (5/C8.7)
32. CONSTRUCT BASEBALL 30' TALL FOUL POLE PER THE DETAIL PROVIDED. (2/C8.4) (3/C8.4)
33. CONSTRUCT NATURAL CINDER BASEBALL PITCHING MOUND WITHIN SYNTHETIC TURF AREA PER THE DETAIL PROVIDED. (9/C8.2)
34. CONSTRUCT NATURAL CINDER BASEBALL BULLPEN PITCHING MOUND PER THE DETAIL (9/C8.2) SIM PROVIDED.
35. CONSTRUCT BASEBALL BATTERS BOX WITH FORMING SYSTEM, SPORTFIELD SPECIALTIES BBFSB OR APPROVED EQUAL AND PER THE DETAIL PROVIDED. (3/C8.7)
36. NOT USED.
37. CONSTRUCT HOME PLATE IN BULLPEN WITH GROUND SLEEVE, SPORTFIELD SPECIALTIES HPFS OR APPROVED EQUAL AND PER THE DETAIL PROVIDED. (2/C8.7)



1 DETAIL PLAN

SCALE 1"=10'-0"



2 DETAIL PLAN

SCALE 1"=10'-0"

02-123298

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REVISIONS

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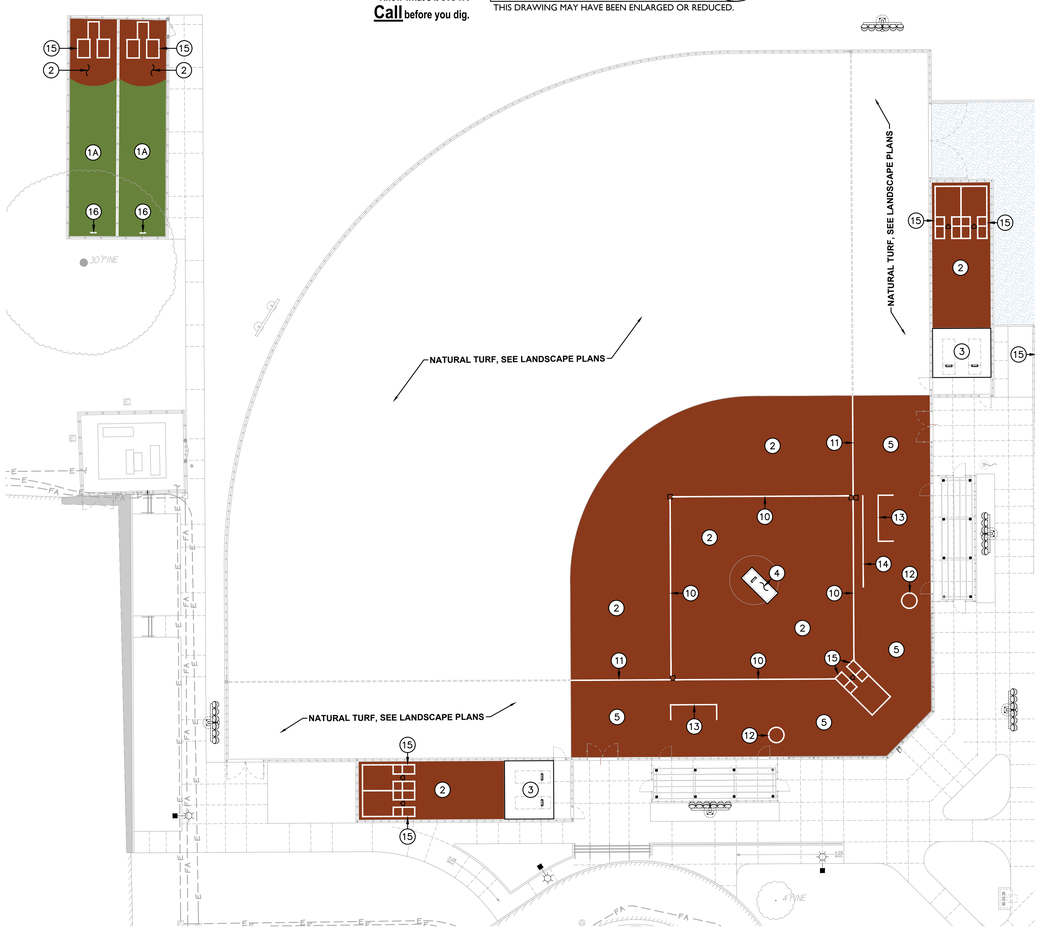
FENCING AND EQUIPMENT PLAN

C5.3

PLOTTED: Monday, March 17, 2025
FILENAME: I:\25-010\CIVIL\DWG\25-010-C5.2.DWG

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

GRAPHIC SCALE
20' 0 10' 20' 40'
(IN FEET) 1 inch = 20 feet
NORTH
THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

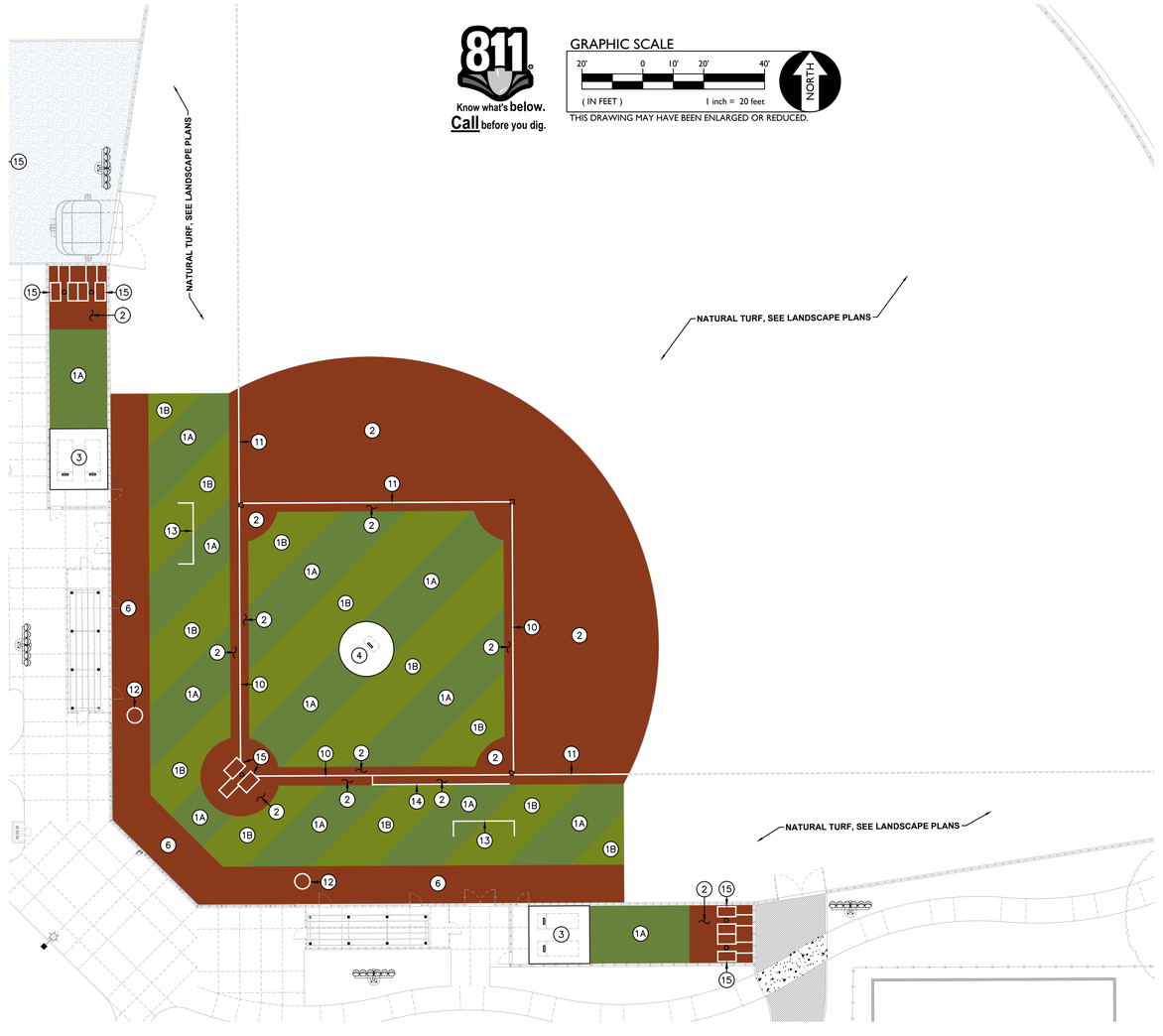


1 SOFTBALL SYNTHETIC TURF PLAN

SCALE 1" = 20'-0"

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

GRAPHIC SCALE
20' 0 10' 20' 40'
(IN FEET) 1 inch = 20 feet
NORTH
THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



2 BASEBALL SYNTHETIC TURF PLAN

SCALE 1" = 20'-0"

TURF NOTE

ALL AGGREGATE LEVELING AND PLANARITY SHALL BE PROVIDED BY CONTRACTOR AND CONFIRMED AND ACCEPTED BY SYNTHETIC TURF INSTALLER PRIOR TO INSTALLATION.

TURF PROVIDER / TURF INSTALLER SHALL PROVIDE SHOP DRAWING OF ALL LINES COLORS AND DIMENSIONS FOR FINAL REVIEW AND APPROVAL.

STRIPING/LAYOUT STANDARDS

BASEBALL	PER NFHS, 2023/2024
SOFTBALL	PER NFHS, 2023/2024

COLOR SCHEDULE

1A	FIELD – FIELD STANDARD: MANUFACTURER COLOR NO.	FIELD GREEN 575C
1B	FIELD – FIELD ALTERNATING: MANUFACTURER COLOR NO.	FIELD LIME 7496C
2	FIELD – INFIELD: MANUFACTURER COLOR NO.	RED CLAY 7526C
3	FIELD – BULLPEN MOUND: MANUFACTURER COLOR NO:	N/A (NATURAL CINDER & CLAY)
4	FIELD – PITCHERS MOUND: MANUFACTURER COLOR NO:	N/A (NATURAL CINDER & CLAY)
5	FIELD – SIDELINES: MANUFACTURER COLOR NO:	RED CLAY 7526C
6	FIELD – WARNING TRACK: MANUFACTURER COLOR NO:	RED CLAY 7526C
7	FIELD – LETTERING NO 1: MANUFACTURER COLOR NO:	- -
8	FIELD – LETTERING NO 2: MANUFACTURER COLOR NO:	- -
9	FIELD – LOGO:	
	LOGO COLOR NO. 1: MANUFACTURER COLOR NO:	- -
	LOGO COLOR NO. 2: MANUFACTURER COLOR NO:	- -
	LOGO COLOR NO. 3: MANUFACTURER COLOR NO:	- -
	LOGO COLOR NO. 4: MANUFACTURER COLOR NO:	- -
	LOGO COLOR NO. 5: MANUFACTURER COLOR NO:	- -
10	LINES – BASELINE STRIPE: MANUFACTURER COLOR NO:	WHITE 000
11	LINES – FOUL LINES: MANUFACTURER COLOR NO:	WHITE 000
12	LINES – ON DECK CIRCLES MANUFACTURER COLOR NO:	WHITE 000
13	LINES – COACH BOX: MANUFACTURER COLOR NO:	WHITE 000
14	LINES – BASE PATHLINE: MANUFACTURER COLOR NO:	WHITE 000
15	LINES – BATTER BOX: MANUFACTURER COLOR NO:	WHITE 000
16	LINES – PITCH MARK MANUFACTURER COLOR NO:	WHITE 000

PLOTTED: Monday, March 17, 2025 FILENAME: I:\25-010\CIVIL\DWG\25-010-C6.1.DWG

02-123298

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LICENSED ARCHITECT · TIMOTHY L. DEARBORN · C-29928 · RENEWAL 12/2025 · STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER · ANTHONY J. TASSANO · NO. 074096 · OF CALIFORNIA
3/17/2025

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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

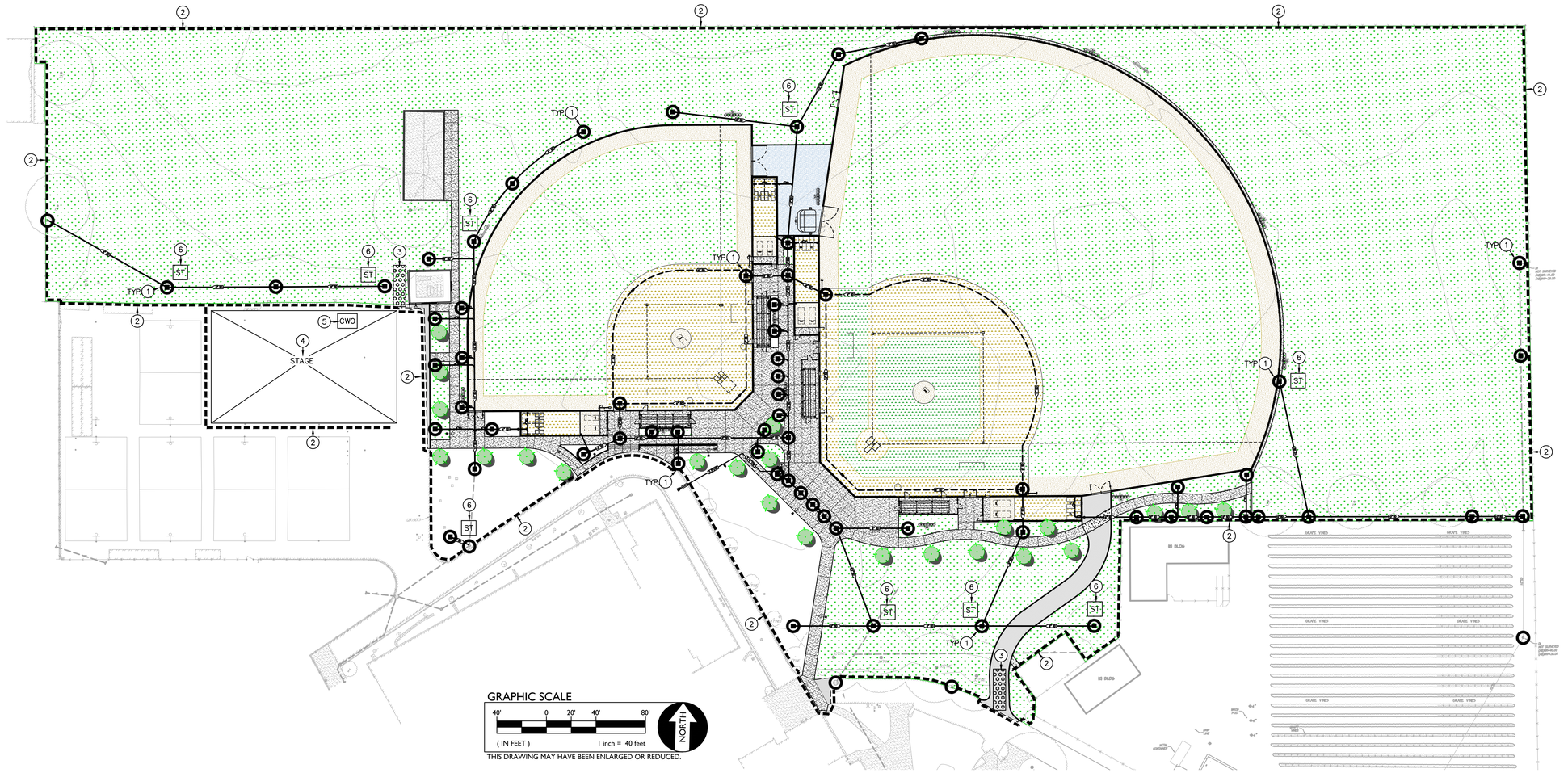
LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

SYNTHETIC TURF LAYOUT AND COLOR PLAN

C6.1



GRAPHIC SCALE

40' 0 20' 40' 80'

(IN FEET) 1 inch = 40 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

SCALE 1" = 40'-0"

1 EROSION AND SEDIMENT CONTROL PLAN

PHASE OF CONSTRUCTION	EROSION AND SEDIMENT CONTROL MEASURES																		
	WET SEASON					WET & DRY SEASON													
	HYDRO-SEEDING	STRAW MULCHING TACTIFIER	SOIL BINDERS	PRESERVATION OF EXISTING VEGITATION	BLANKETS MATS & GEOTEXTILES	FIBER ROLLS	DUST CONTROL	OUTLET PROTECTION	SILT FENCING	SAND/GRAVEL BAG BARRIERS	STORM DRAIN INLET PROTECTION	SEDIMENT BASIN	SEDIMENT TRAP	DEWATERING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION	CONCRETE WASHOUT
PRE-GRADING		X		X			X	N/A	N/A	N/A		N/A	N/A						
CUT-FILL ACTIVITIES		X	X	X	X	X	X				X			X	X	X	X		
UNDERGROUND WORK		X		X	X	X	X				X			X	X	X	X	X	X
STORM IMPROVEMENTS			X	X	X	X	X				X			X	X	X	X	X	X
CURB AND GUTTER				X	X	X	X				X				X	X	X	X	X
STREET IMPROVEMENTS				X	X	X	X				X				X	X	X	X	X
PAVE OUT				X	X		X				X				X		X	X	X
POST CONSTRUCTION	X			X	X														
MAINTENANCE SCHEDULE																			
DAILY*			X**													X			X
WEEKLY*		X	X		X	X					X						X		
MONTHLY*																			
BEFORE RAIN		X	X		X	X					X								
DURING RAIN		X	X		X	X					X								
AFTER RAIN		X	X		X	X					X								
AS NEEDED	X			X			X								X		X		

* = WHEN RAIN EVENT INSPECTIONS OCCURS, THEY MAY QUALIFY AS A DAILY, WEEKLY, OR MONTHLY INSPECTION AS APPLIES.
** = HIGH TRAFFIC AREAS

SITE CONDITION	DUST CONTROL PRACTICES									
	PERMANENT VEGETATION	MULCHING	WET SUPPRESSION (WATERING)	CHEMICAL DUST SUPPRESSION	GRAVEL OR ASPHALT	SILT FENCES	TEMPORARY GRAVEL CONSTRUCTION ENTRANCES AND EQUIPMENT WASHDOWN	HAUL TRUCK COVERS	MINIMIZE EXTENT OF DISTURBED AREA
DISTURBED AREAS (NON-TRAFFIC)	X	X	X	X	X				X
DISTURBED AREAS (TRAFFIC)		X	X	X	X	X	X		X
MATERIAL STOCKPILE AND STABILIZATION	X	X	X	X	X	X		X	X
DEMOLITION			X		X		X	X	X
CLEARING AND EXCAVATING	X	X	X		X	X	X	X	X
TRUCK TRAFFIC ON UN-PAVED ROADS	X	X	X		X	X	X	X	X
MUD AND DIRT CARRY-OUT	X	X	X		X	X		X	X

LEGEND

NEW EX

GENERAL EROSION CONTROL NOTES

1. CONTRACTOR SHALL PROVIDE INLET PROTECTION AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF WORK, OR AS REQUIRED BY CONTRACTOR'S SWPPP AND PER THE CASQA STANDARD DETAIL 11-7 INDICATED. FILTER BAGS WILL BE ALLOWED ONLY WHEN INLETS ARE SURROUNDED BY PAVING OR STABILIZED LANDSCAPE. (1 C7.2, 4 C7.2)
2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE, TOPS AND TOES OF SLOPES AND OTHER AREAS DETETMINED BY CONTRACTOR TO PREVENT THE MIGRATION OF SEDIMENT. REFER TO CASQA STANDARD DETAIL SE-5. (SE-5 C7.2, 2 C7.2)
3. CONTRACTOR SHALL PROVIDE AND MAINTAIN STABILIZED CONSTRUCTION SITE ACCESS PER THE CASQA STANDARD DETAIL TC-1. (3 C7.2, TC-1 C7.2)
4. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A STAGING AREA IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS IN SECTION 4 OF THE CALIFORNIA STORM WATER QUALITY ASSOCIATION BMP HANDBOOK. SIZE AS NEEDED. AFTER CONSTRUCTION COMPLETE, RETURN AREA TO NATURAL CONDITION.
5. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A CONCRETE WASH-OUT IN ACCORDANCE WITH THE CASQA STANDARD WM-8. EXCESS CONCRETE SHALL BE DISPOSED OF PROPERLY. (WM-8 C7.2)
6. CONTRACTOR SHALL CONSTRUCT SEDIMENT TRAP VEGETATED OUTLET PER CASQA STANDARD SE-3 TO TEMPORARILY CAPTURE STORM WATER DURING RAIN EVENTS SO IT CAN BE FILTERED AND DISCHARGED, OR SEDIMENT ALLOWED TO SETTLE-OUT PRIOR TO DISCHARGE. SEE CONSTRUCTION NOTE 8 WHEN USING BIO-RETENTION BASINS AS TEMPORARY SEDIMENT TRAPS. SEE ALSO, DIMENT TRAP NOTE THIS SHEET. (SE-3 C7.2)

SEDIMENT TRAP NOTE

SHAPE OF SEDIMENT TRAPS CAN BE VARIABLE AND BE CONSTRUCTED WITH SIMPLE GRADED BERMS OR PLUGGING OF SELECT STORM DRAINS (WHICH WILL NOT CREATE A HAZARD) TO CAPTURE RUNOFF. WATER MAY BE RELEASED FROM BASINS IF ENOUGH TIME HAS ALLOWED SEDIMENTS IN WATER TO SETTLE OUT. SAMPLING OF WATER PRIOR TO DISCHARGE MAY BE REQUIRED. REFER TO SWPPP. CONTRACTOR SHALL MAKE PREPARATIONS FOR PUMPING AND FILTERING IN THE EVENT GRAVITY DRAINING CANNOT BE PERFORMED. SEE ADDITIONAL REQUIREMENTS AND SIZING LISTED BELOW:

1. SEDIMENT TRAPS SHALL BE CONSTRUCTED AS THE FIRST STEP WHEN THERE IS MASS CLEARING OR GRADING AND SHALL BE LOCATED AT THE POINT WHERE DRAINAGE DISCHARGES FROM A SITE AS NOTED ON PLANS.
2. CONSTRUCTION OF SEDIMENT TRAPS SHALL BE PER SACRAMENTO COUNTY STANDARD DETAILS 11-2 AND 11-3.
3. THE TRAP STORAGE VOLUME SHALL BE DESIGNED FOR 35 CUBIC YARDS PER ACRE OF CONTRIBUTING DRAINAGE AREA.
4. SIDE SLOPES SHALL BE 3:1 (H:V) OR FLATTER AND THE MAXIMUM DEPTH SHALL BE 3.5 FEET.
5. THE LENGTH OF A SEDIMENT TRAP SHALL BE 2 TIMES (MINIMUM) ITS WIDTH.

MAINTENANCE:

1. TRAP MAINTENANCE SHALL BE YEAR ROUND. SEDIMENT MATERIAL SHALL BE REMOVED FROM THE BOTTOM TO RETAIN ONE FOOT OF CAPACITY AT ALL TIMES.
2. TRAP SLOPES SHALL BE KEPT IN GOOD REPAIR. SLOPE FAILURES OR DAMAGE SHALL BE REPAIRED PROMPTLY.

SEE SHEET C7.2 FOR GENERAL NOTES AND EROSION CONTROL DETAILS

THIS IS NOT A S.W.P.P.P.

THE PURPOSE OF THIS PLAN IS TO AID THE CONTRACTOR IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). WARREN CONSULTING ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR THE PREPARATION, IMPLEMENTATION, OR MAINTENANCE OF THE SWPPP. SHOULD A SWPPP NOT BE REQUIRED FOR THIS PROJECT, IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THE APPLICABLE STORMWATER QUALITY BMP'S IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT HIS/HER OWN METHODS AND PRODUCTS TO COMPLY WITH THESE ORDINANCES.

CONSTRUCTION SCHEDULE (ESTIMATED)

ACTIVITY	BEGIN	END
DEMOLITION	TBD	TBD
GRADING	TBD	TBD
UTILITIES	TBD	TBD
PAVING/LANDSCAPING	TBD	TBD

CONTRACTOR GENERAL NOTES

1. ANY CHANGES MADE TO THIS PLAN IN THE FIELD MUST BE SHOWN ON THIS MAP. CONTRACTOR TO UPDATE MAP TO REFLECT CHANGES.
2. MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.
3. SEDIMENT AND EROSION CONTROL MEASURES ON THIS PLAN ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS. REFER TO SWPPP.

MAP LEGEND

CONTRACTOR TO ADD TO MAP AS LOCATED IN THE FIELD

- CONSTRUCTION TRAILER.
- VEHICLE/EQUIPMENT MAINT. & FUELING AREA.
- COVERED WASTE STORAGE (DUMPSTERS).
- STAGE — STAGING AREA
- MATERIAL STORAGE
- SP — SOIL STOCKPILES.
- CWO — CONCRETE WASHOUT.

MONITORING SCHEDULE

MONITORING OF PH AND TURBIDITY

1. WITHIN 2 BUSINESS DAYS (48 HOURS) PRIOR TO EACH QUALIFYING RAIN EVENT.
2. EVERY 24 HOURS DURING A QUALIFYING RAIN EVENT.
3. WITHIN 2 BUSINESS DAYS (48 HOURS) AFTER EACH QUALIFYING RAIN EVENT RESULTING IN 0.50 INCHES OF RAIN OR MORE.
4. RECORD THE TIME, DATE AND RAIN GAUGE READING OF ALL QUALIFYING RAIN EVENTS.
5. QUARTERLY NON-STORM WATER DISCHARGE INSPECTIONS.
6. WEEKLY INSPECTIONS.

PROJECT INFORMATION

PROJECT NAME:

TOKAY HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS

SWPPP REQUIRED:	YES
RISK LEVEL:	2
EROSIVITY WAIVER POSSIBLE:	NO
PARCEL AREA (2 PARCELS)	38.93 + 8.21 = 47.14 ACRES
ON-SITE DISTURBED AREA	10.45 ACRES
OFF-SITE DISTURBED AREA	0.00 ACRES
TOTAL DISTURBED AREA	10.45 ACRES

EARTHWORK ESTIMATES

NET CUT QUANTITY 5,000 CY
NET FILL QUANTITY 5,000 CY
NET CUT/FILL 0 CY —

NOTE: THESE EARTHWORK VALUES ARE ONLY ESTIMATES BASED ON PERFECT CONDITIONS AND ARE INTENDED FOR PLAN CHECK PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALULATE HIS/HER OWN EARTHWORK VALUES IN PREPARING BIDS. USE OF THESE VALUES FOR BID PURPOSES WILL BE AT YOUR OWN RISK.

ON/OFF HAUL GENERAL NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS, GRADING, EROSION, OR OTHER, NECESSARY FOR THE SITE IN WHICH SOIL IS ON-HAULED FROM, OR OFF-HAULED TO. LARGE QUANTITIES OF SOUL BEING HAULED MAY BE SUBJECT TO HAUL ROUTE APPROVAL AND SHALL BE DISCUSSED WITH SITE INSPECTOR. IF HAUL ROUTE APPROVAL IS REQUIRED, IT IS THE CONTRACTORS RESPONSIBILITY TO DEVELOP THIS PLAN AND GAIN APPROVAL.

S.W.P.P.P. No. #

S.W.P.P.P. CONTACTS

S.W.P.P.P. PREPARED BY (QSD):
- PHONE: -

S.W.P.P.P. ENFORCED BY (QSP):
- PHONE: -

RESPONSIBLE PARTY: LODI UNIFIED SCHOOL DISTRICT
CONTACT NAME: -
CONTACT PHONE: -

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LICENSED ARCHITECT — KEITH L. DEARMAN — C-29928 — RENEWAL 12/2025 — STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER — ANTHONY J TASSANO — RE 17409 — STATE OF CALIFORNIA
3/17/2025

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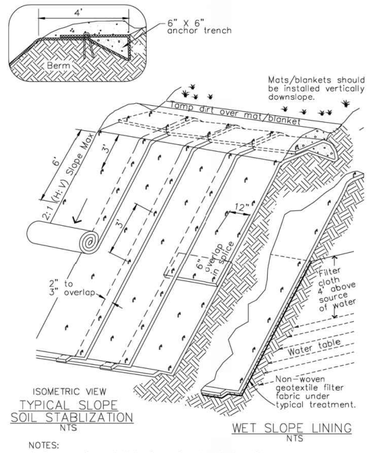
EROSION AND SEDIMENT CONTROL PLAN

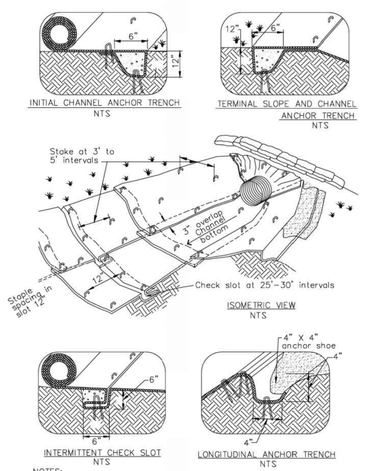
C7.1

PLOTTED:Monday, March 17, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C7.1-C7.2.DWG



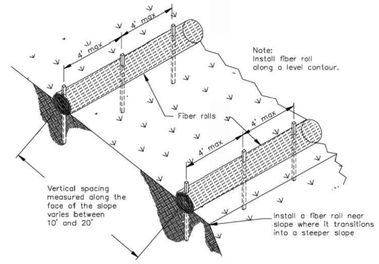
NOTES:
1. Slope surface shall be free of rocks, clods, sticks and grass. Mats/blankets shall have good soil contact.
2. Lay blankets loosely and stake or staple to maintain direct contact with the soil. Do not stretch.
3. Install per manufacturer's recommendations

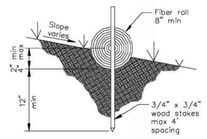
TYPICAL INSTALLATION DETAIL

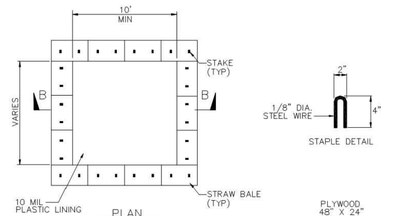


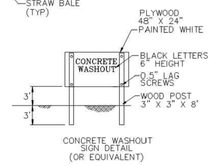
NOTES:
1. Check slots to be constructed per manufacturers specifications.
2. Staking or stapling layout per manufacturers specifications.
3. Install per manufacturer's recommendations

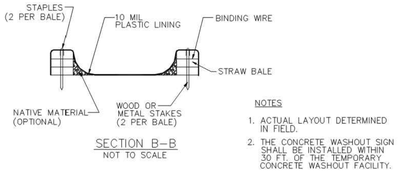
TYPICAL INSTALLATION DETAIL



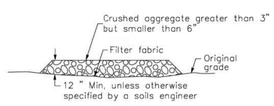


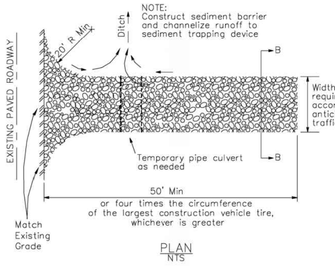


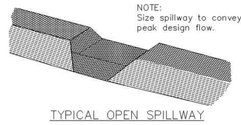


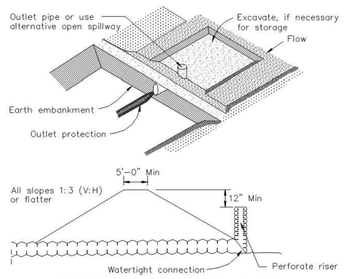


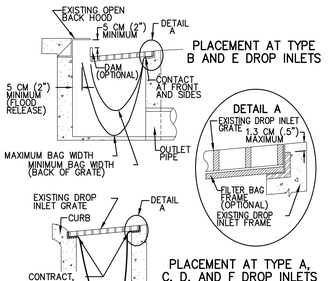
NOTES
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT OF THE TEMPORARY CONCRETE WASHOUT FACILITY.





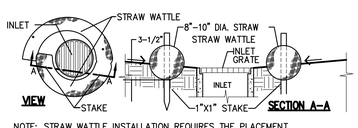






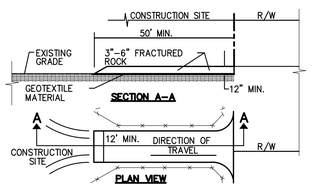
NOTES:
1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 0.8 HECTARES(2 ACRES)
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS. PER LINER FEET, AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLON/MINUTE/SQUARE FOOT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED THE REST MORE THAN 1.3 CM (.5") ABOVE THE INLET FRAME. (SEE DETAIL A).
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET, EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.

1 / C7.2 STORM DRAIN INLET FILTER BAG
NO SCALE



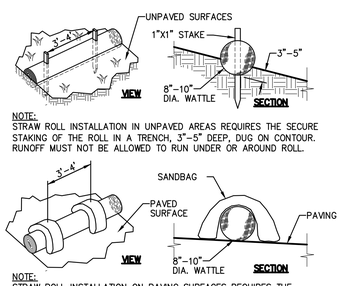
NOTE: STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE IN A TRENCH, 3-1/2" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

4 / C7.2 STRAW WATTLE INLET FILTER
NO SCALE



NOTES:
1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 3"-6" ANGULAR ROCK MATERIAL CONFORMING TO SECTION 26 OF STATE SPECIFICATIONS PLACED OVER GEOTEXTILE MATERIAL. ROCK SHALL BE PLACED TO A MINIMUM THICKNESS OF SIX INCHES. THE METHOD OF PLACING, SPREADING AND COMPACTING ROCK SHALL CONFORM TO SECTION 26 OF THE STATE SPECIFICATIONS.
2. LENGTH OF SITE ACCESS SHALL BE A MINIMUM LENGTH OF FIFTY FEET. WIDTH SHALL BE A MINIMUM WIDTH OF TWELVE FEET OR AS NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS.
3. THE SITE ACCESS SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING.

3 / C7.2 STABILIZED CONSTRUCTION SITE ACCESS
NO SCALE



NOTE:
STRAW ROLL INSTALLATION IN UNPAVED AREAS REQUIRES THE SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

NOTE:
STRAW ROLL INSTALLATION ON PAVING SURFACES REQUIRES THE PLACEMENT WATTLES DIRECTLY ON PAVING SURFACE AND SECURED IN PLACE WITH SAND OR GRAVEL FILLED BAGS. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

2 / C7.2 STRAW ROLLS
NO SCALE

EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE EFFECTIVE FOR THE DURATION OF THE CONSTRUCTION ACTIVITY.
2. NO STORM RUNOFF WATER SHALL BE ALLOWED TO DRAIN DIRECTLY INTO THE EXISTING UNDERGROUND STORM SYSTEM BEFORE THE ONSITE STORM DRAIN SYSTEM IS INSTALLED.
3. AS SOON AS IS PRACTICAL AFTER THE NEW ONSITE STORM SYSTEM IS INSTALLED, THE CATCH BASINS SHALL BE INSTALLED AND BMP'S SHALL BE INSTALLED AS DESCRIBED IN SECTION 19.05, CONSTRUCTION SPECIFICATIONS.
4. SHOULD THE PROPOSED ONSITE STORM SYSTEM NOT BE INSTALLED BY OCTOBER 1ST, TEMPORARY SEDIMENT BASINS SHALL BE CONSTRUCTED AROUND THE OPENINGS OF ANY EXISTING STORM PIPES THAT DRAIN THE SITE, PER CASQA BMP'S AND STANDARDS OR PER A SPECIAL DETAIL SHOWN ON THE PLAN.
5. THE NAME, ADDRESS AND 24-HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE PROVIDED.
6. PROVIDE STABILIZED ACCESS 50'MINIMUM LENGTH BY 10'-15'MINIMUM WIDTH. THE MINIMUM DEPTH OF STONES FOR THE ACCESS ROAD SHALL BE 12"OR AS RECOMMENDED BY A SOILS ENGINEER. SELECT ENTRANCE STABILIZATION MATERIALS (AGGREGATE, HMA, CONCRETE GREATER THAN 3"BUT SMALLER THAN 6") BASED ON LONGEVITY, REQUIRED PERFORMANCE AND SITE CONDITIONS. PROPERLY GRADE THE ACCESS AREA TO PREVENT RUNOFF AND DESIGN IT TO SUPPORT THE HEAVIEST VEHICLES IN USE. OTHER MEASURES TO PREVENT TRACKING ONTO ROADWAYS MAY BE USED IF APPROVED BY THE CITY. THIS DOES NOT NEED TO BE DONE AT DRIVEWAYS, WHICH WILL BE CLOSED BY IMMOVABLE BARRICADES DURING CONSTRUCTION.
7. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE CITY ENGINEER.
8. DURING THE RAINY SEASON AS SPECIFIED IN NOTE "1", ALL SIDEWALK AND PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF FROM ENTERING ANY STORM DRAINAGE SYSTEM.
9. THE EROSION AND SEDIMENTATION CONTROL PLAN COVERS ONLY THE FIRST WINTER DURING WHICH CONSTRUCTION IS TO TAKE PLACE. PLANS ARE TO BE RESUBMITTED PRIOR TO SEPTEMBER 1 OF EACH SUBSEQUENT YEAR UNTIL THE CITY ACCEPTS THE SITE IMPROVEMENTS.
10. THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH WORK DAY DURING THE RAINY SEASON.
11. THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAN OUT SEDIMENT BASINS WHENEVER THE LEVEL OF SEDIMENT REACHES THE SEDIMENT CLEAN OUT LEVEL INDICATED ON THE PLANS.
12. THE RESPONSIBILITIES OF THE CONTRACTOR TO PROTECT TEMPORARY BORROW AREAS AND/OR STOCKPILES WITH APPROPRIATE EROSION CONTROL MEASURES SATISFACTORY TO THE CITY ENGINEER.
13. THE CLEANING OF PAVED STREETS, DURING AND AT THE COMPLETION OF CONSTRUCTION, SHALL BE PERFORMED WITH MECHANICAL SWEEPERS. THE USE OF WATER TRUCKS TO "WASH DOWN" THE STREET IS PROHIBITED.
14. THE EROSION AND SEDIMENTATION CONTROL PLAN, DETAILS, NOTES AND CALCULATIONS IF REQUIRED, MUST BE A PART OF THE PLAN CHECK SUBMITTAL PACKAGE FOR EITHER GRADING PERMIT ONLY OR FINAL SITE APPROVAL. THE DESIGN ENGINEER PRIOR TO PLAN PREPARATION SHOULD CONSULT THE CITY ENGINEER IF THE NEED FOR A SEPARATE PLAN IS IN DOUBT.

02-123298

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LICENSED ARCHITECT KEITH L. DEARMAN C-25928 RENEWAL 12/2025 STATE OF CALIFORNIA

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REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO No. C74606 CIVIL STATE OF CALIFORNIA 3/17/2025

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TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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LODI UNIFIED SCHOOL DISTRICT

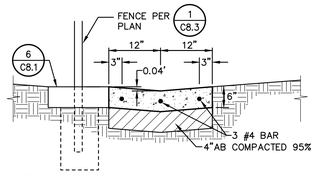
REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

EROSION NOTES AND DETAILS

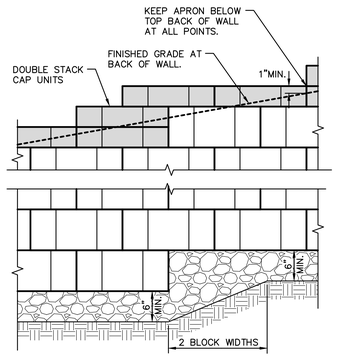
C7.2

PLOTTED:Monday, March 17, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C7.1-C7.2.DWG

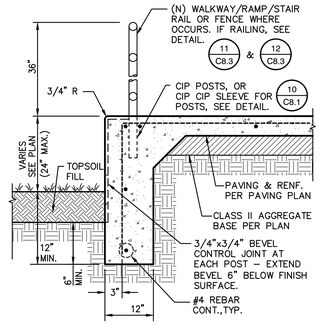


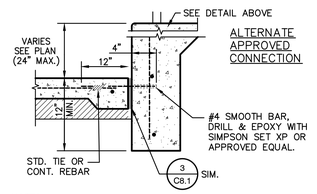
NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. SEAL E.J. WITH APPROVED JOINT SEALANT. PROVIDE CONTROL JOINTS AT 10 FEET O.C.
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

17 C8.1 CONCRETE VALLEY GUTTER — NO SCALE



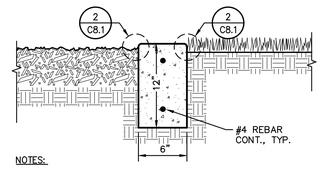
18 C8.1 LANDSCAPE WALL DETAILS — NO SCALE





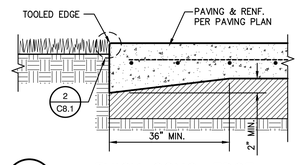
NOTES:
1. CONCRETE WALK JOINTS SHALL EXTEND OVER AND DOWN THE FACE OF SLAB EDGE.

13 C8.1 RETAINING CURB EDGE — WITH FENCE/RAILING — NO SCALE

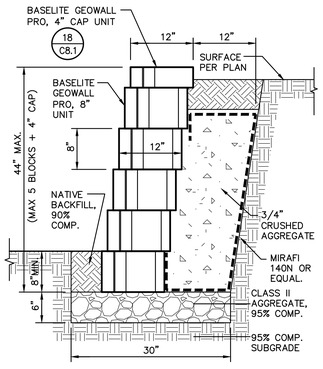


NOTES:
PROVIDE TOOLED CONTROL JOINT EVERY 10 FEET, EXPANSION JOINT EVERY 30 FEET.

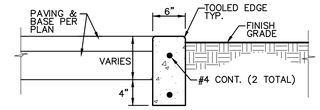
14 C8.1 PLANTER APRON — NO SCALE



15 C8.1 THICK CONC. EDGE — TRAFFIC RATED CONCRETE PAVING — NO SCALE

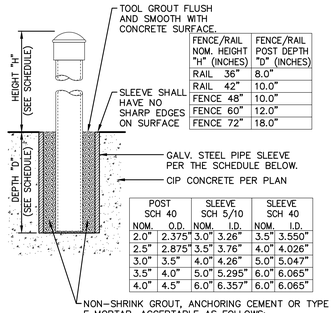


16 C8.1 SHORT LANDSCAPE WALL — NO SCALE



NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. PROVIDE CONTROL JOINTS AT 10 FEET O.C., EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR,GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

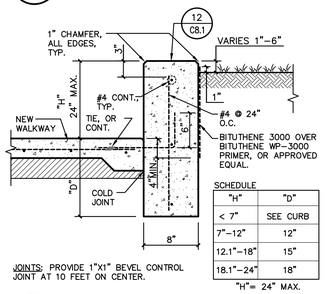
9 C8.1 FLUSH CONCRETE CURB — NO SCALE



FENCE/RAIL NOM. HEIGHT "H" (INCHES)	FENCE/RAIL POST DEPTH "D" (INCHES)
RAIL 36"	8.0"
RAIL 42"	10.0"
FENCE 48"	10.0"
FENCE 60"	12.0"
FENCE 72"	18.0"

POST SCH 40 NOM.	POST SCH 40 O.D.	SLEEVE SCH 5/10 NOM.	SLEEVE SCH 5/10 I.D.	SLEEVE SCH 40 NOM.	SLEEVE SCH 40 I.D.
2.0"	2.375"	3.0"	3.26"	3.5"	3.550"
2.5"	2.875"	3.5"	3.76"	4.0"	4.026"
3.0"	3.5"	4.0"	4.26"	5.0"	5.047"
3.5"	4.0"	5.0"	5.295"	6.0"	6.065"
4.0"	4.5"	6.0"	6.357"	6.0"	6.065"

10 C8.1 POST SLEEVE DETAIL — NO SCALE



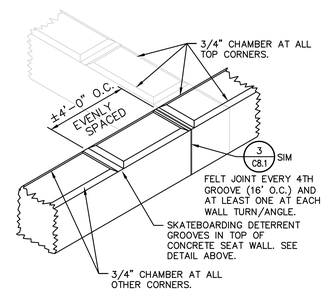
SCHEDULE

"H"	"D"
< 7"	SEE CURB
7"–12"	12"
12.1"–18"	15"
18.1"–24"	18"

"H"= 24" MAX.

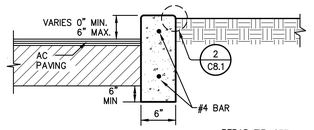
JOINTS: PROVIDE 1"X1" BEVEL CONTROL JOINT AT 10 FEET ON CENTER.

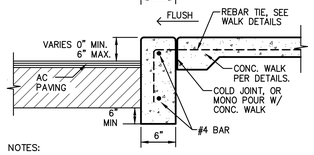
11 C8.1 CONCRETE RET. CURB — NO SCALE



ANTI SKATE GROOVES

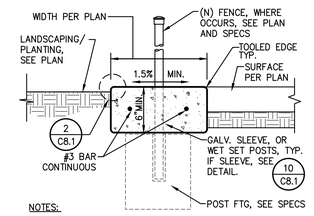
12 C8.1 ANTI SKATE GROOVES — NO SCALE





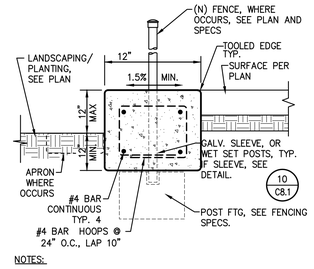
NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 20 FEET O.C. PROVIDE CONTROL JOINTS AT 10 FEET O.C., EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR,GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

5 C8.1 CONCRETE CURB — NO SCALE



NOTES:
1. WHERE NO FENCING, PROVIDE CONTROL JOINT EVERY 10 FEET, EXPANSION JOINT EVERY 30 FEET, TYP. WHERE FENCING EXISTS, PROVIDE TOOLED JOINT EVERY POST, EXPANSION EVERY 3RD POST.
2. CONCRETE APRON THICKNESS MAY COUNT FOR POST FOOTING TOTAL DEPTH BUT MUST BE PLACED BEFORE FABRIC OR PANEL INSTALLATION.

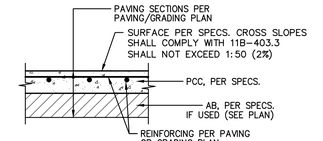
6 C8.1 CONCRETE APRON — NO SCALE



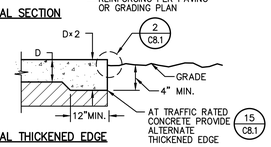
NOTES:
1. WHERE NO FENCING, PROVIDE CONTROL JOINT EVERY 10 FEET, EXPANSION JOINT EVERY 30 FEET, TYP. WHERE FENCING EXISTS, PROVIDE TOOLED JOINT EVERY POST, EXPANSION EVERY 3RD POST.
2. CONCRETE APRON THICKNESS MAY COUNT FOR POST FOOTING TOTAL DEPTH BUT MUST BE PLACED BEFORE FABRIC OR PANEL INSTALLATION.

7 C8.1 RAISED CONCRETE APRON — NO SCALE

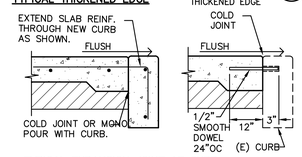
8 C8.1 NOT USED — NO SCALE



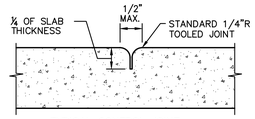
TYPICAL SECTION



TYPICAL THICKENED EDGE

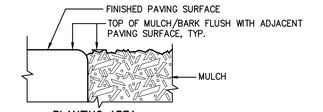


TYPICAL EXPANSION JOINT AT CURB

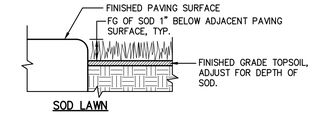


TYPICAL CONTROL JOINT

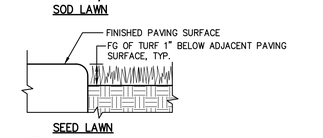
1 C8.1 CONCRETE SIDEWALK — NO SCALE



PLANTING AREA

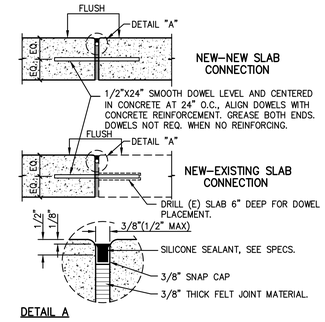


SOD LAWN



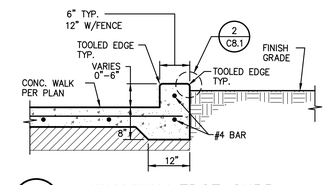
SEED LAWN

2 C8.1 PAVING EDGE DETAIL — NO SCALE



DETAIL A

3 C8.1 EXPANSION JOINT — NO SCALE



4 C8.1 WALKWAY EDGE CURB — NO SCALE

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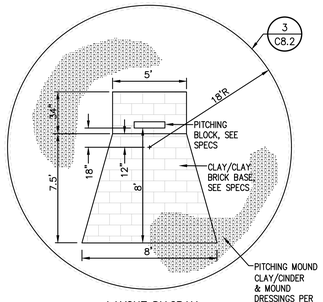
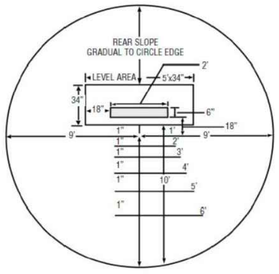
DETAILS AND SECTIONS

C8.1

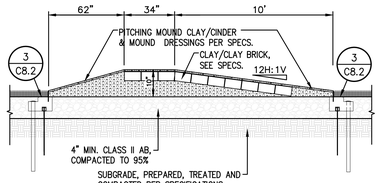
PLOTTED:Monday, March 17, 2025 FILENAME:i:\25-010\CIVIL\DWG\25-010-C8.1.DWG



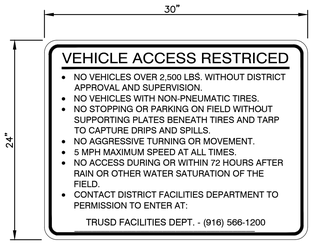
LAYOUT DIAGRAM
PER NFHS, 2024



ELEVATION DIAGRAM
PER NFHS, 2024

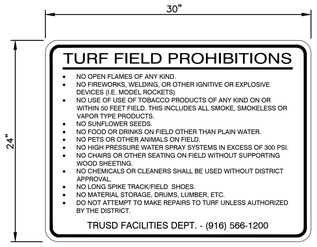


9 C8.2 BASEBALL PITCHING MOUND
NO SCALE



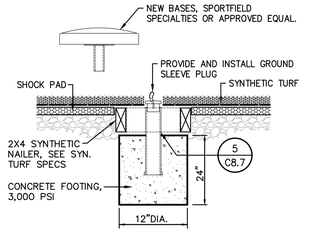
NOTE: ALL LETTERING SHALL BE A PERMANENT PART OF THE SIGN

4 C8.2 SIGN DETAIL
VEHICULAR ACCESS
NO SCALE

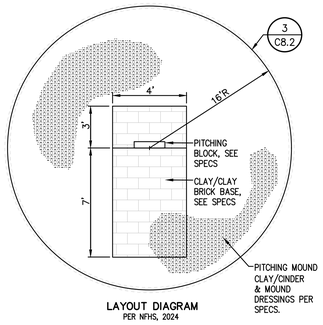


NOTE: ALL LETTERING SHALL BE A PERMANENT PART OF THE SIGN

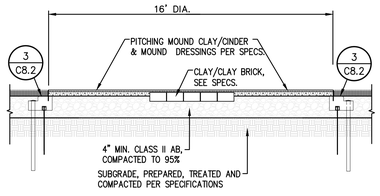
5 C8.2 SIGN DETAIL
PEDESTRIAN ACCESS
NO SCALE



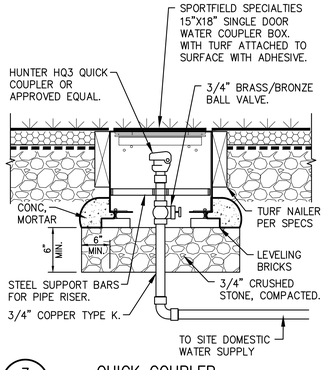
6 C8.2 BASE & GROUND SLEEVE
NO SCALE



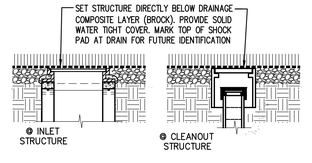
LAYOUT DIAGRAM
PER NFHS, 2024



10 C8.2 SOFTBALL PITCHING MOUND
NO SCALE

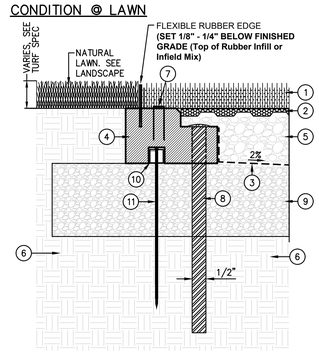


7 C8.2 QUICK COUPLER
NO SCALE

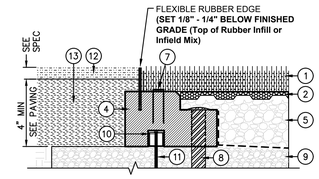


8 C8.2 BURIED STRUCTURE DETAIL
SYNTHETIC TURF
NO SCALE

CONDITION @ LAWN



CONDITION @ LAWN

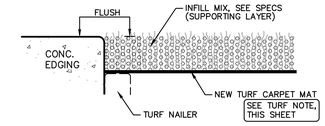


NOTES:

1. SYNTHETIC TURF & INFILL
2. SYNTHETIC UNDERLAYMENT PAD (SHOCK PAD)
3. GEO-FABRIC, MIRAFI 140 N OR EQUAL.
4. RUBBER NAILER, SPORTSEDGE, FELXEDGE OR APPROVED EQUAL. CONCRETE CURB, 3000 PSI MIN. (28 DAY), PER SPECS.
5. BASE AND/OR DRAINAGE AGGREGATE LAYER, PER PAVING PLAN, AND PER SPECS.
6. COMPACTED SUBGRADE PER SPECIFICATIONS.
7. TURF STAPLES & SPACING PER TURF MANUFACTURER SPECS.
8. MANUFACTURER SUPPLIED ANCHOR PIN.
9. COMPACTED CLASS II AB OR 3 SACK LEAN MIX SLURRY.
10. 0.75"x0.75" SQUARE TUBE ALIGNMENT RAIL.
11. 10" ALIGNMENT RAIL SPIKE ANCHOR.
12. INFIELD MIX/CLAY PER SPECS.
13. INFIELD MIX/CLAY TOP DRESSING, PER SPECS.

*=SLOPE MAY VARY, SEE GRADING PLAN
TRACK 0.5% MIN. – 1.0% MAX (SEE PLAN)
SYN. TURF 0.4% MIN. – 1.0% MAX (SEE PLAN)

3 C8.2 TURF/LAWN EDGE & NAILER
NO SCALE

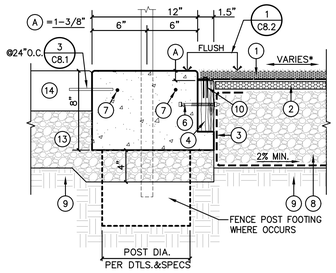


1 C8.2 TURF TRANSITION
NO SCALE

TURF NOTE

ALL AGGREGATE LEVELING AND PLANARITY SHALL BE PROVIDED BY CONTRACTOR AND CONFIRMED AND ACCEPTED BY SYNTHETIC TURF INSTALLER PRIOR TO INSTALLATION.

TURF PROVIDER / TURF INSTALLER SHALL PROVIDE SHOP DRAWING OF ALL LINES COLORS AND DIMENSIONS FOR FINAL REVIEW AND APPROVAL.



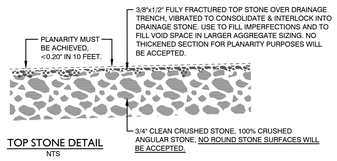
NOTES:

1. SYNTHETIC TURF & INFILL
2. SYNTHETIC UNDERLAYMENT PAD (SHOCK PAD)
3. GEO-FABRIC, MIRAFI 140 N OR EQUAL.
4. 2x6 NAILER, SYNTHETIC, PER SPECS.
5. CONCRETE CURB, 3000 PSI MIN. (28 DAY), PER SPECS.
6. 1/2"x5" ANCHOR BOLT W/ NYLON NUT AND WIDE FLANGE WASHER @ 24" O.C., WET SET IN FORM WITH NAILER.
7. REBAR, #4 GRADE 60, TYP. OF 2.
8. BASE AND/OR DRAINAGE AGGREGATE LAYER, PER PAVING PLAN, AND PER SPECS.
9. COMPACTED SUBGRADE PER SPECIFICATIONS.
10. TURF STAPLES & SPACING PER TURF MANUFACTURER SPECS.
11. DOWEL TO ADJOINING CONCRETE WHERE OCCURS, SEE 9/C8.1., DOWEL SPACING TO MATCH REINFORCING SPACING.
12. BASE ROCK WHERE OCCURS, SEE PLAN
13. ADJOINING PAVING, WHERE OCCURS, SEE PLAN.

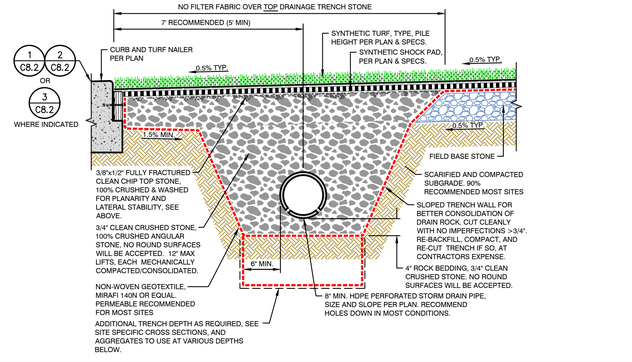
SEE TURF NOTE, THIS SHEET

*=SLOPE MAY VARY, SEE GRADING PLAN
TRACK 0.5% MIN. – 1.0% MAX (SEE PLAN)
SYN. TURF 0.4% MIN. – 1.0% MAX (SEE PLAN)

2 C8.2 TURF EDGE CURB & NAILER
NO SCALE



TOP STONE DETAIL
NTS



A C8.2 TYPICAL SUBDRAIN TRENCH SECTION
NO SCALE

02-123298

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REVISIONS

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DRAWN BY: AT/SMN

DETAILS AND SECTIONS

C8.2

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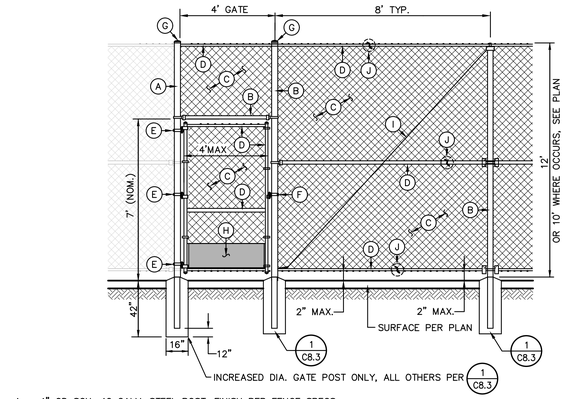
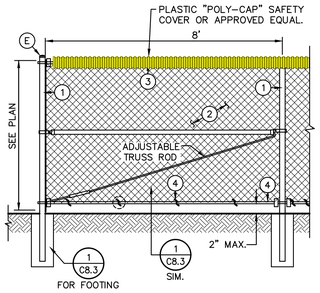


A – 4" OD SCH. 40 GALV. STEEL POST, FINISH PER FENCE SPECS.
B – 3" OD SCH. 40 GALV. STEEL POST, FINISH PER FENCE SPECS.
C – FABRIC TO MATCH FENCE.
D – 1.66" OD SCH. 40 WELDED GALV. STEEL FRAME, FINISH PER FENCE SPECS.
E – 180 DEGREE PRESSED STEEL INDUSTRIAL HINGE.
F – MALLEABLE IRON (LOCKABLE) GATE FORK LATCH, SEE 6/C8.3.
G – ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV. GRADE, FINISH PER FENCE SPECS.
H – KICK PLATE PER 3/C8.3.
I – 5/16" OD ADJUSTABLE INDUSTRIAL TRUSS ROD.
J – 12 GA. ALUMINUM TIES AT 15" OC HORIZ. AND VERT.

10 / C8.3 — 4' SWING CHAIN LINK GATE IN 12' FENCE

NOTE: EXEMPT FROM DSA STRUCTURAL REVIEW PER IR A–22 AND IS NOT PART OF DSA APPROVAL.

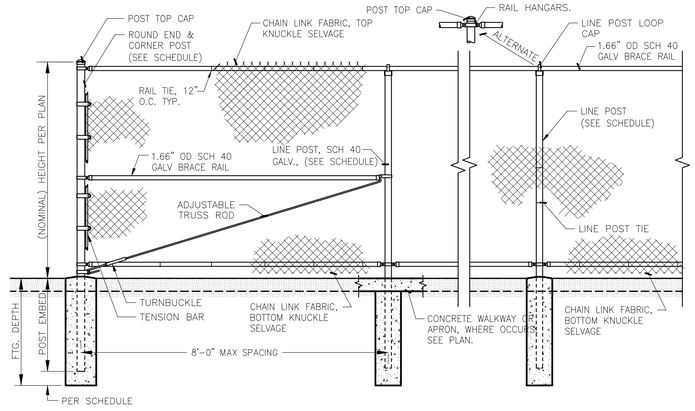
NO SCALE



DETAIL KEYNOTES
1. 2" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK.
2. 9 GA. CHAIN LINK FENCE, BLACK VINYL.
3. 1–5/8" OD SCH. 40 GALV. STEEL RAIL, POWDER COATED BLACK.
4. 12 GA. ALUMINUM TIES AT 15" OC HORIZ. AND VERT.
5. ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV. GRADE, POWDER COATED BLACK.

4 / C8.3 — OUTFIELD CHAIN LINK FENCE

NO SCALE



NOTE: NO PRIVACY COVERS OR BANNERS TO BE PLACED ON FENCING

FENCING POST & FOOTING SCHEDULE:						
FENCE HEIGHT	LINE POST	COR./TERM.	TYPE	POST EMBED	DEPTH	DIA. (MIN)
4'	2.375"OD	2.875"OD	SCH 40	18"	24"	8"
6'	2.875"OD	3.50"OD	SCH 40	24"	30"	10"
8'	2.875"OD	3.50"OD	SCH 40	30"	42"	12"
10'	3.50"OD	4"OD	SCH 40	30"	48"	12"
12'	3.50"OD	4"OD	SCH 40	36"	48"	16"

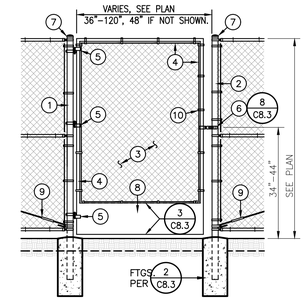
MESH SIZE
2"

COATING:	YES
COLOR:	GALV.
TYPE:	GALV.

1 / C8.3 — TYPICAL CHAIN LINK FENCING

NOTE: EXEMPT FROM DSA STRUCTURAL REVIEW PER IR A–22 AND IS NOT PART OF DSA APPROVAL.

NO SCALE

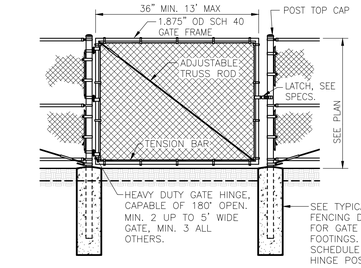


DETAIL KEYNOTES:
1. 4" OD SCH. 40 GALV. STEEL POST.
2. 3" OD SCH. 40 GALV. STEEL POST.
3. FABRIC TO MATCH ADJOINING FENCE.
4. 1.66" OD SCH. 40 WELDED GALV. STEEL FRAME.
5. 180 DEGREE PRESSED STEEL INDUSTRIAL HINGE, MIN. 2 FOR 36"–48" LEAFS, MIN. 3 49"–120" LEAFS
6. MALLEABLE IRON (LOCKABLE) GATE FORK LATCH, SEE DETAIL NOTED.
7. ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV.
8. KICK PLATE PER 5/C8.4.
9. 5/16" OD ADJUSTABLE INDUSTRIAL TRUSS ROD.
10. 12 GA. ALUMINUM TIES AT 15" OC HORIZ. AND VERT.

7 / C8.3 — CHAIN LINK GATE

ACCESSIBLE NON–EGRESS GATE.

NO SCALE

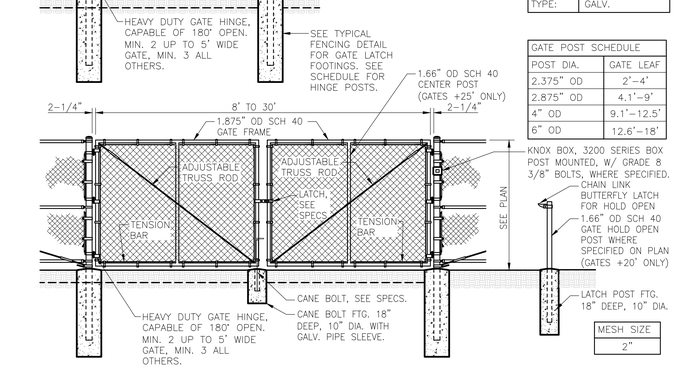


NOTES:
1. GATE FRAME SHALL HAVE WELDED CORNERS, NO PRE–MANUFACTURED CORNERS WILL BE ACCEPTED.
2. GRIND ALL WELDS SMOOTH AND RE–GALVANIZED WITH HOT–STICK GALVANIZING PROCESS.

NOTE: NO PRIVACY COVERS OR BANNERS TO BE PLACED ON FENCING

COATING:	YES
COLOR:	GALV.
TYPE:	GALV.

GATE POST SCHEDULE	
POST DIA.	GATE LEAF
2.375" OD	2'–4'
2.875" OD	4.1'–9'
4" OD	9.1'–12.5'
6" OD	12.6'–18'



MESH SIZE
2"

FENCES TO 9' HEIGHT	
GATE POST SCHEDULE	
POST DIA.	GATE LEAF
2.375" OD	2'–4'
3.50" OD	4.1'–9'
4" OD	9.1'–12.5'
6" OD	12.6'–18'

FENCES TO 10'–12' HEIGHT	
GATE POST SCHEDULE	
POST DIA.	GATE LEAF
4.0" OD	2'–4'
4.0" OD	4.1'–9'
6.0" OD	9.1'–12.5'
6.0" OD	12.6'–18'

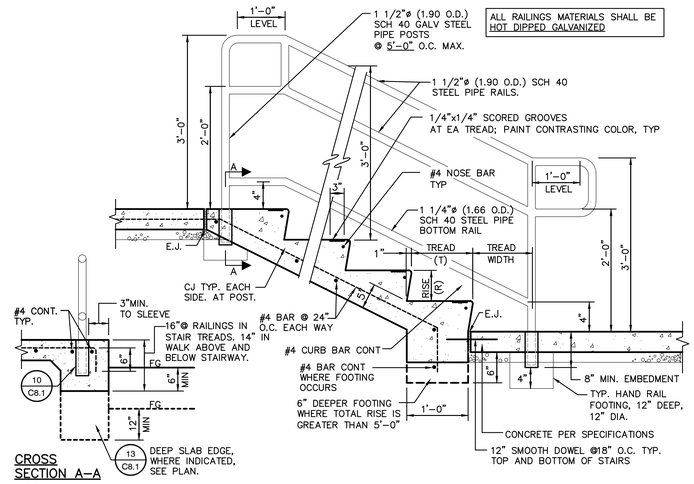
FOR ALL HEIGHTS (BASED ON POST SIZE)			
POST FOOTINGS SCHEDULE			
POST DIA.	POST EMBED	DEPTH	DIA. (MIN)
2.375" OD	24"	30"	12"
3.50" OD	30"	36"	12"
4.0" OD	36"	42"	16"
6.0" OD	42"	48"	24"

2 / C8.3 — TYPICAL CHAIN LINK GATES

MAINTENANCE ACCESS GATES ONLY, SEE PLAN.

NO SCALE

NOTE: EXEMPT FROM DSA STRUCTURAL REVIEW PER IR A–22 AND IS NOT PART OF DSA APPROVAL.



11 / C8.3 — CONCRETE STAIRS AND RAILINGS

NO SCALE

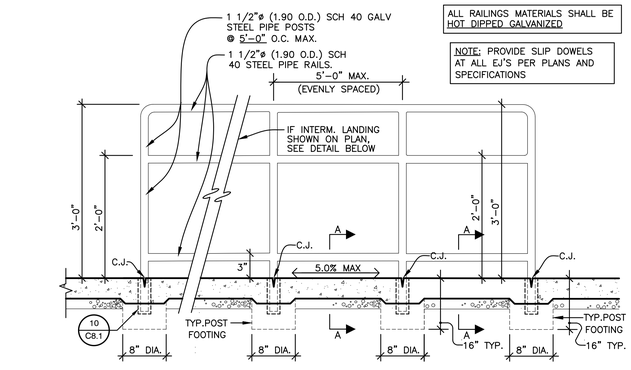
NOTE:
MOUNT LATCH PADDLE BETWEEN 34"–44" ABOVE FINISHED GRADE, SEE GATE DETAILS

DETAIL KEYNOTES:
1. 3/8" X 4" GALVANIZED FLAT PLATE, WELD TO GATE LATCH (TYP. 1 EACH SIDE OF GATE) LATCH NOT TO EXCEED 5 LBS. OF LIFT PRESSURE.
2. TACK WELD NUT TO SECURE.
3. PRE–MANUFACTURED GALVANIZED STEEL GATE LATCH

8 / C8.3 — GATE LATCH/KICKPLATE

ACCESSIBLE (NON–EGRESS)

NO SCALE



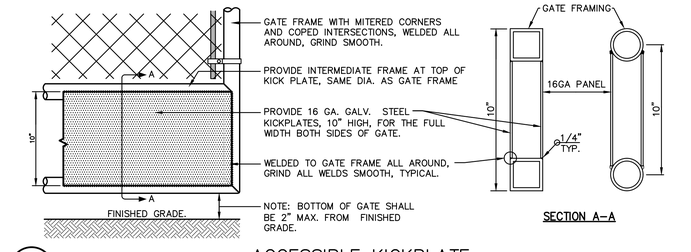
12 / C8.3 — WALKWAY RAILINGS

NON–GUARDRAILING, NOT FOR USE WHERE ADJOINING ELEVATION CHANGE EXCEEDS 30"

NO SCALE

9 / C8.3 — NOT USED

NO SCALE



3 / C8.3 — ACCESSIBLE KICKPLATE

NO SCALE

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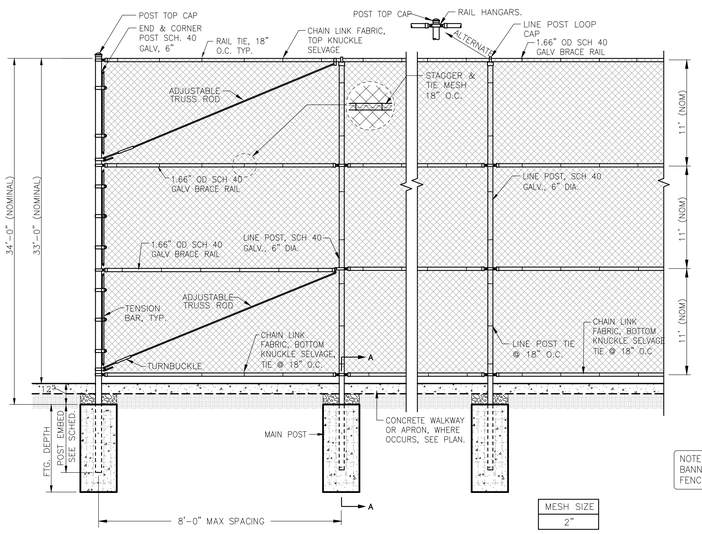
DETAILS AND SECTIONS

C8.3

PLOTTED:Monday, March 17, 2025 FILENAME:I:\25-010\CIVIL\DWG\25-010-C8.1.DWG



MESH SIZE
2"

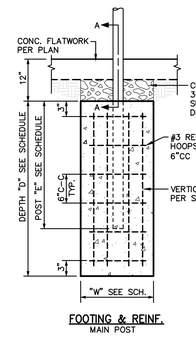
NOTE: NO PRIVACY COVERS OR BANNERS TO BE PLACED ON FENCING

POST SCHEDULE:		
POST TYP.	POST SIZE	FTG. DIA."W"
MAIN POST	6"	30"

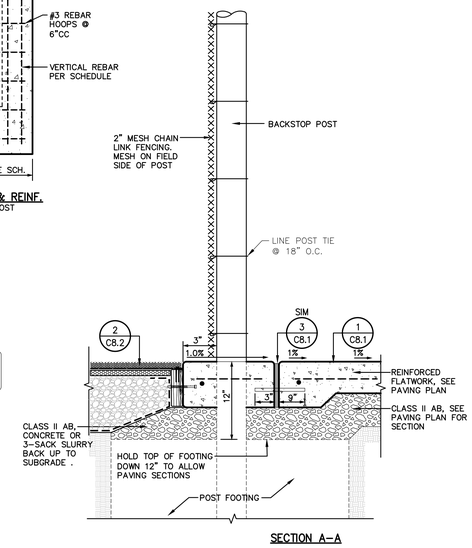
FOOTING SCHEDULE:			
POST HEIGHT.	FTG. DEPTH "D"	POST EMBED "E"	FTG. DIA. "W"
34'-0"	84"	72"	30"

REBAR SCHEDULE:	
VERTICAL	HORIZ.
(6)#7 EQ. SPCD.	#3HOOPS@6"O.C.
(5)#5 EQ. SPCD.	#3HOOPS@6"O.C.

SEE FOOTING DETAIL FOR REBAR LAYOUT AND ADDITIONAL CRITERIA

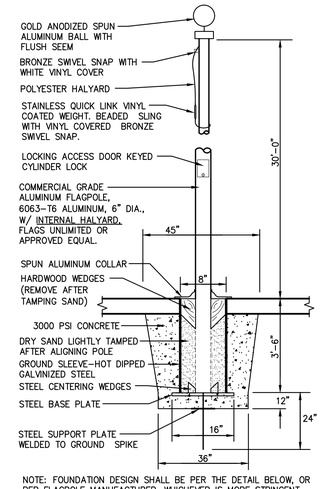


FOOTING & REINF.
MAIN POST



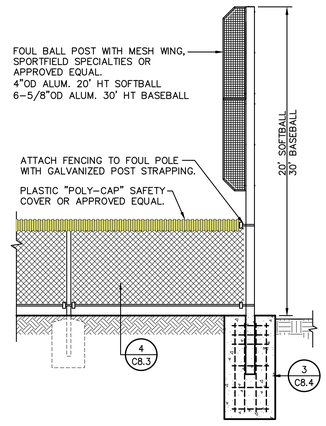
SECTION A-A

1 C8.4 — 34' BACKSTOP FENCING — NO SCALE



NOTE: FOUNDATION DESIGN SHALL BE PER THE DETAIL BELOW, OR PER FLAGPOLE MANUFACTURER, WHICHEVER IS MORE STRINGENT.

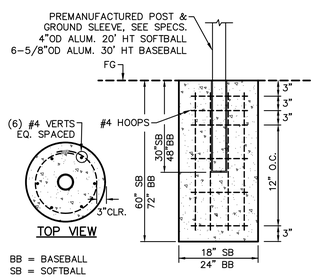
4 C8.4 — FLAG POLE DETAIL — NO SCALE
NOT PART OF DSA APPROVAL
HEIGHT <35 FEET (I.R. A-22)



NOTE:

1. SET POLE INTO CONCRETE FOOTING PER MANUF. DETAILS.
2. SLEEVE SHALL BE EMBED PER MANUF. RECOMMENDATION, (48"MIN).

2 C8.4 — FOUL POLE — NO SCALE
NOT PART OF DSA APPROVAL
HEIGHT <35 FEET (I.R. A-22)



SECTION VIEW

3 C8.4 — FOUL POLE FOOTING — NO SCALE
NOT PART OF DSA APPROVAL
HEIGHT <35 FEET (I.R. A-22)

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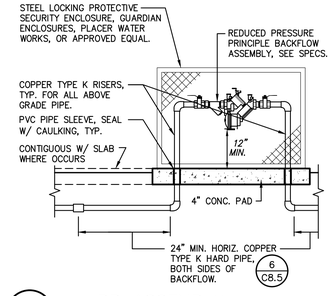
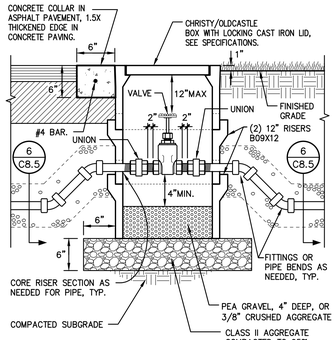
DETAILS AND SECTIONS

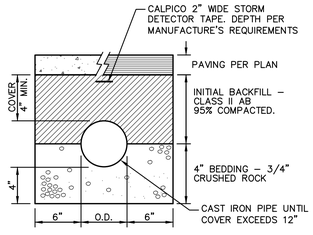
C8.4



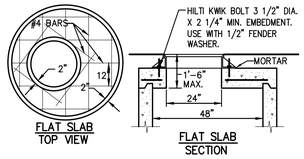
16 C8.5 RP ASSEMBLY
W/ PAD & ENCLOSURE — NO SCALE

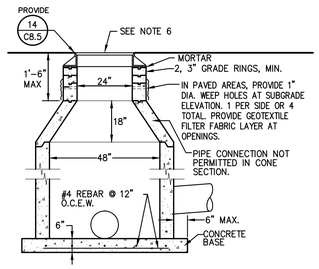


17 C8.5 WATER VALVE
1/2" TO 3" PIPE ONLY
PRIVATE WATER LINES ONLY — NO SCALE



18 C8.5 SHALLOW STORM TRENCH
4" AND 6" STORM DRAINS ONLY. — NO SCALE

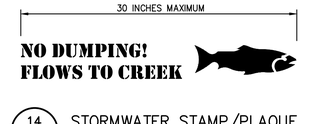




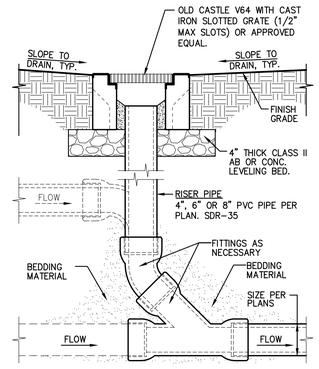
NOTES:

1. RISER SECTIONS, CONES, AND ADJUSTING RING SHALL CONFORM TO ASTM DESIGNATION C-478.
2. FRAME SHALL BE SECURED TO RISER OR FLAT SLAB TOP WITH CEMENT MORTAR.
3. THE CONTRACTOR MAY AT HIS OPTION, CAST THE LOWER PORTION OF MANHOLE IN PLACE. THE CAST-IN-PLACE PORTION SHALL NOT BE PLACED HIGHER THAN 6 INCHES ABOVE THE OUTSIDE TOPS OF THE MAIN INCOMING AND OUTGOING PIPES.
4. ALL JOINTS SHALL BE SEALED WITH GROUT AND INSIDE OF MANHOLE SHALL BE GROUTED SMOOTH.
5. FLAT SLAB SHALL BE USED WHEN DEPTH DOES NOT PERMIT USE OF TAPER UNIT.
6. SLOTTED CAST IRON GRATE AND FRAME SHALL BE D&L C2669 (C2669ADA IN PAVED AREAS) OR APPROVED EQUAL. PROVIDE WITH TWO (2) BOLTS TO BOLT COVER/GRATE TO FRAME. SOLID COVERS TO BE MARKED "STORM DRAIN". ALL CASTINGS TO BE DIPPED IN BLACK BITUMINOUS PAINT.

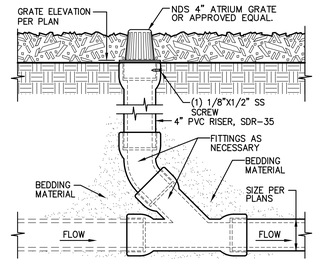
13 C8.5 STORM DRAIN MANHOLE
NO SCALE



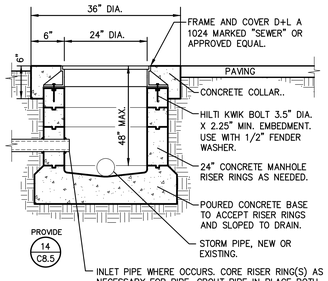
14 C8.5 STORMWATER STAMP/PLAQUE
OTHER STYLES OK WITH APPROVAL — NO SCALE



15 C8.5 AREA DRAIN
NO SCALE



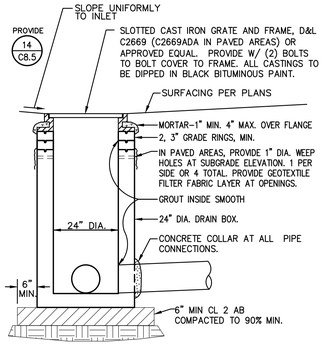
9 C8.5 PLANTER DRAIN
NO SCALE



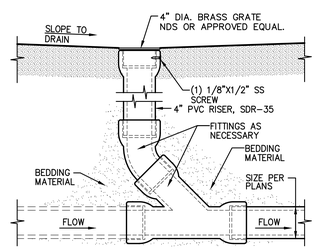
NOTES:

1. RISER SECTIONS, CONES, AND ADJUSTING RING SHALL CONFORM TO ASTM DESIGNATION C-478.
2. FRAME SHALL BE SECURED TO RISER OR FLAT SLAB TOP WITH CEMENT MORTAR.
3. CONCRETE BASE MAY BE CAST-IN-PLACE AND POURED AGAINST UNDISTURBED MATERIAL, 3000. PSI MIN.
4. CONCRETE BASE MAY BE PRE-CAST CONCRETE SET ON 4" MIN. 3/4" CRUSHED ROCK PLACED ON COMPACTED SUBGRADE.
5. ALL JOINTS SHALL BE SEALED WITH GROUT.

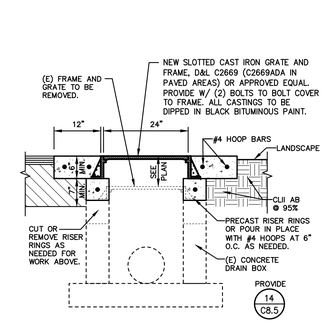
10 C8.5 24" STORM MANHOLE
NO SCALE



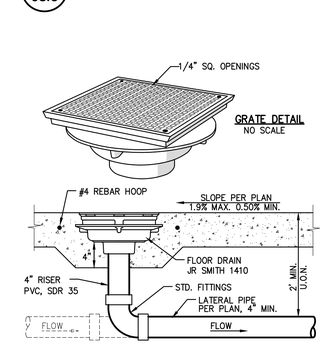
11 C8.5 DROP INLET
NO SCALE



12 C8.5 SMALL AREA DRAIN
NO SCALE



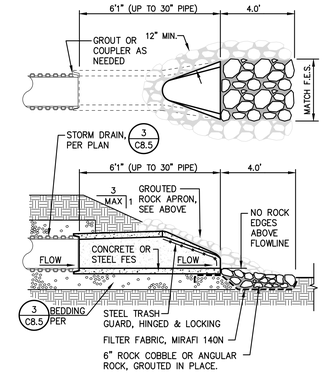
5 C8.5 ADJUSTED DRAIN/MANHOLE
NO SCALE



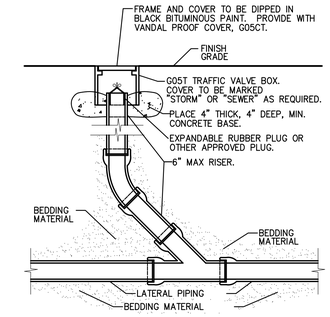
6 C8.5 WATER TRENCH
1/2" TO 3" PIPE ONLY
PRIVATE WATER LINES ONLY — NO SCALE

7 C8.5 NOT USED
NO SCALE

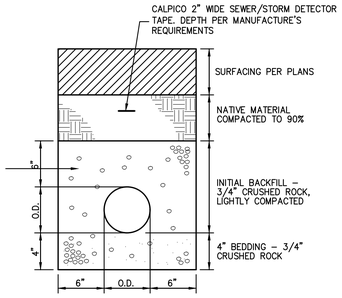
8 C8.5 FLOOR DRAIN
NO SCALE



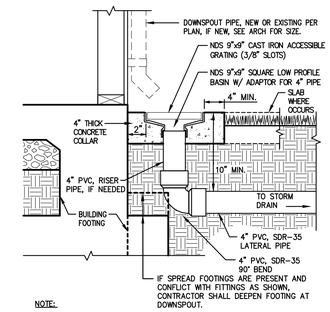
1 C8.5 OUTFALL STRUCTURE
10" TO 30" DIA. PIPE ONLY — NO SCALE



2 C8.5 CLEANOUT
NO SCALE



3 C8.5 STORM/SEWER TRENCH
NO SCALE



NOTE:

1. HOLD DRAIN TRUE AND LEVEL DURING CONCRETE FORMING & PLACEMENT.

4 C8.5 DOWNSPOUT CONNECTION
NO SCALE

02-123298

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LICENSED ARCHITECT KEITH L. DEARBORN C-29928 RENEWAL 12/2025 STATE OF CALIFORNIA
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REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74696 STATE OF CALIFORNIA
3/17/2025

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CONSULTANT

TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

1111 CENTURY BLVD.
LODI, CA 95240

LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: AT/SMN

DETAILS AND SECTIONS

C8.5

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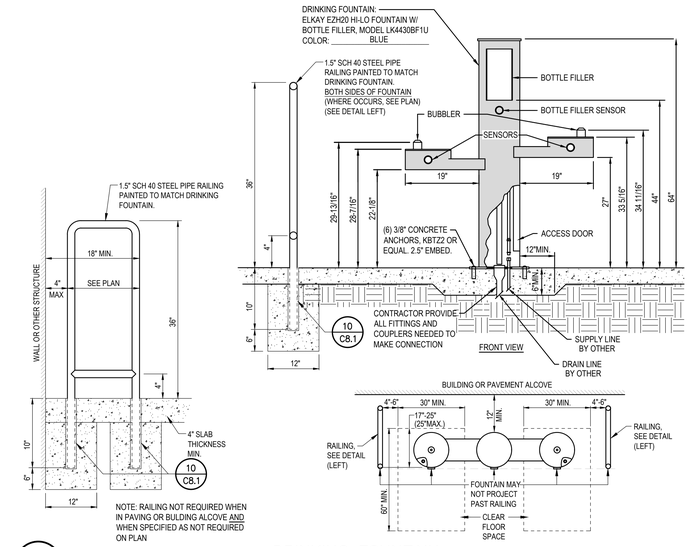
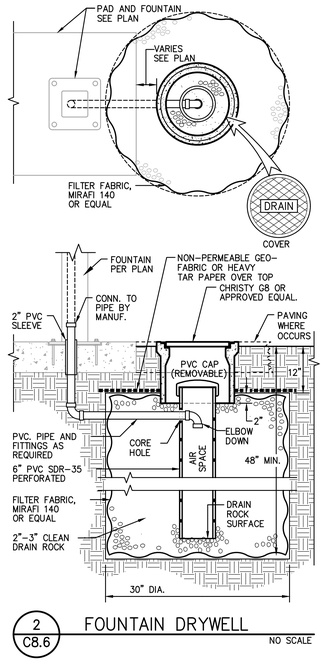


1 C8.6 DRINKING FOUNTAIN

NO SCALE



2 C8.6 FOUNTAIN DRYWELL

NO SCALE

02-123298

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STATE OF CALIFORNIA

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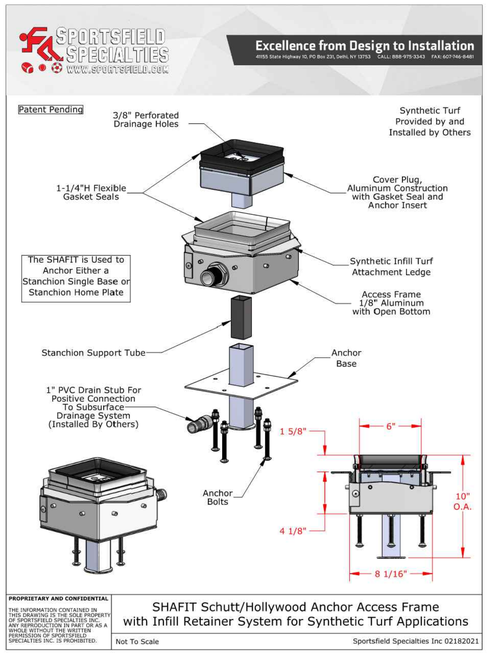
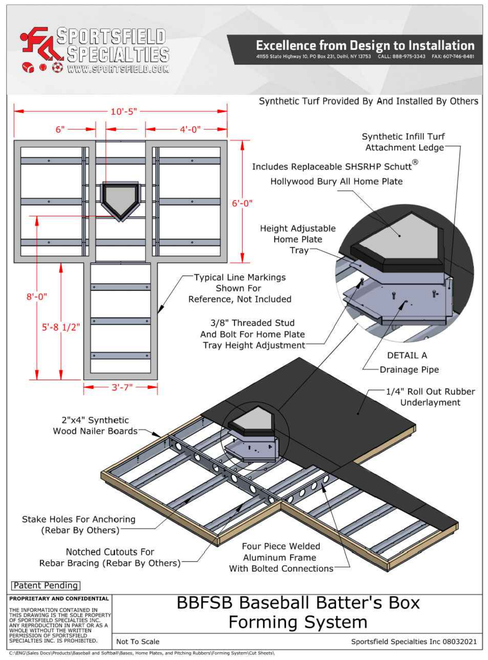
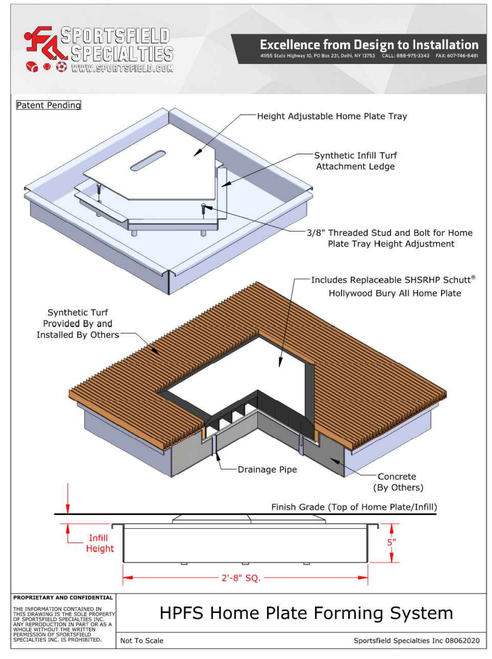


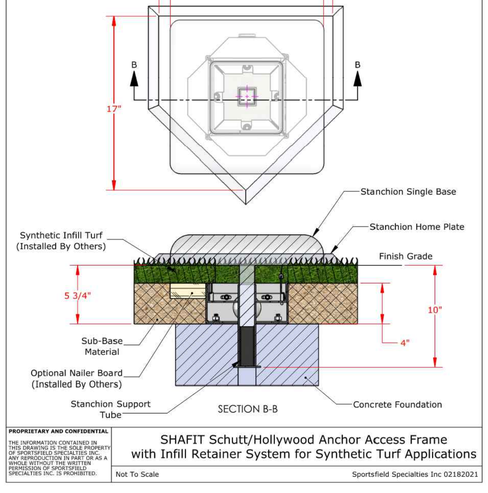


3 C8.7 HOME PLATE FORMING SYSTEM
BASEBALL ONLY
NO SCALE

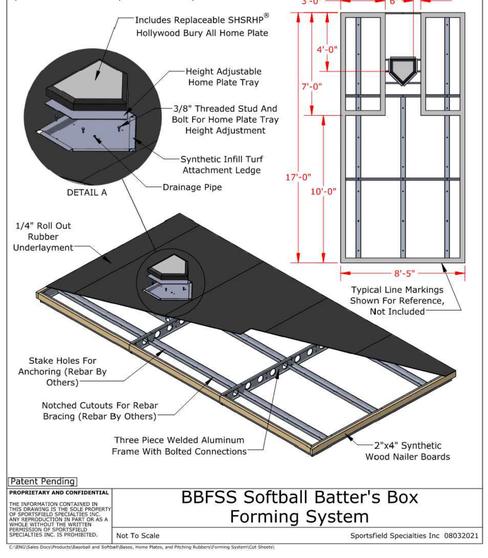
1 C8.7 NOT USED
NO SCALE



2 C8.7 HOME PLATE FORMING SYSTEM
BULLPEN AREAS ONLY
NO SCALE



5 C8.7 BASE & SLEEVE (SYNTHETIC TURF)
1ST, 2ND & 3RD BASES ONLY, SOFTBALL AND BASEBALL
NO SCALE



4 C8.7 HOME PLATE FORMING SYSTEM
SOFTBALL ONLY
NO SCALE

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TOKAY HIGH ATHLETIC FIELDS IMPROVEMENTS

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C8.7

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CRITICAL ANALYSIS

Generated: 2025-02-21 10:54

P.O.C. NUMBER: 01
Water Source Information:
Connect to existing mainline. Cut existing mainline, install gate valve and new 4" mainline for continuation with the design of the project.

FLOW AVAILABLE

Point of Connection Size:	4"
Flow Available	264.6 GPM

PRESSURE AVAILABLE

Static Pressure at POC:	80 PSI
Pressure Available:	80 PSI

DESIGN ANALYSIS

Maximum Multi-valve Flow:	140 GPM
Flow Available at POC:	264.6 GPM
Residual Flow Available:	124.6 GPM

Critical Station:	B29
Design Pressure:	60 PSI
Friction Loss:	6.04 PSI
Fittings Loss:	0.6 PSI
Elevation Loss:	0 PSI
Loss through Valve:	3.6 PSI
Pressure Req. at Critical Station:	70.2 PSI
Loss for Fittings:	0.73 PSI
Loss for Main Line:	7.3 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	0 PSI
Critical Station Pressure at POC:	78.3 PSI
Pressure Available:	80 PSI
Residual Pressure Available:	1.73 PSI

VALVE SCHEDULE CONTROLLER A

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
A1	Rain Bird PESB	1-1/2"	Shrub Spray	29.66	34.9	36.9	1.89 in/h
A2	Rain Bird PESB	1-1/2"	Shrub Spray	34.66	35.1	37.5	2.2 in/h
A3	Rain Bird PESB	1"	Shrub Spray	15.6	32.9	35.7	2.44 in/h
A4	Rain Bird PESB	1"	Shrub Spray	7.28	31.8	35.4	2.06 in/h
A5	Rain Bird PESB	1-1/2"	Shrub Spray	19.72	34.9	38.7	1.73 in/h
A6	Rain Bird PESB	1"	Shrub Spray	6.24	31.8	36.2	2.02 in/h
A7	Rain Bird PESB	1"	Bubbler	3.5	41.7	44.3	0.86 in/h
A8	Rain Bird PESB	1-1/2"	Turf Rotor	50	67.1	70.3	1.05 in/h
A9	Rain Bird PESB	1"	Turf Rotor	7.8	48.1	52.7	0.76 in/h
A10	Rain Bird PESB	1-1/2"	Shrub Spray	44.68	34.8	39.5	1.78 in/h
A11	Rain Bird PESB	1-1/2"	Turf Rotor	48	69.8	74.5	0.32 in/h
A12	Rain Bird PESB	1-1/2"	Turf Rotor	50	66.7	71.6	1.11 in/h
A13	Rain Bird PESB	1-1/2"	Turf Rotor	50	69.0	73.9	0.45 in/h
A14	Rain Bird PESB	1"	Turf Rotor	20.18	49.3	54.4	0.79 in/h
A15	Rain Bird PESB	1-1/2"	Turf Rotor	50	70.7	75.9	0.85 in/h
A16	Rain Bird PESB	1-1/2"	Turf Rotor	38	68.0	73.2	0.35 in/h
A17	Rain Bird PESB	1-1/2"	Turf Rotor	48	68.4	73.6	0.75 in/h
A18	Rain Bird PESB	1"	Turf Rotor	20	65.6	70.9	0.7 in/h
A19	Rain Bird PESB	1-1/2"	Turf Rotor	34	66.6	72.0	0.33 in/h
A20	Rain Bird PESB	1-1/2"	Turf Rotor	42	67.8	73.2	0.77 in/h
A21	Rain Bird PESB	1-1/2"	Shrub Spray	28.21	39.1	44.5	1.77 in/h
A22	Rain Bird PESB	1-1/2"	Turf Rotor	31.05	56.4	61.8	0.9 in/h
A23	Rain Bird PESB	1-1/2"	Turf Rotor	42	69.3	72.0	0.7 in/h
A24	Rain Bird PESB	1-1/2"	Turf Rotor	30	65.9	68.5	0.33 in/h
A25	Rain Bird PESB	1-1/2"	Turf Rotor	56	68.2	70.9	0.89 in/h
A26	Rain Bird PESB	1-1/2"	Turf Rotor	24.6	69.1	71.7	0.37 in/h
A27	Rain Bird PESB	1-1/2"	Turf Rotor	20	65.8	68.4	0.87 in/h
A28	Rain Bird PESB	1-1/2"	Turf Rotor	42	64.9	67.5	0.99 in/h
A29	Rain Bird PESB	1"	Turf Rotor	15.4	48.0	50.0	0.89 in/h
A30	Rain Bird PESB	1-1/2"	Turf Rotor	26.9	50.2	52.1	0.83 in/h
A31	Rain Bird PESB	1-1/2"	Turf Rotor	42	65.1	66.6	1.58 in/h
A32	Rain Bird PESB	1-1/2"	Turf Rotor	56	66.3	67.4	0.47 in/h
A33	Rain Bird PESB	1-1/2"	Turf Rotor	24.6	65.9	66.7	0.38 in/h
A34	Rain Bird PESB	1-1/2"	Turf Rotor	56	66.7	67.5	0.52 in/h
A35	Rain Bird PESB	1-1/2"	Turf Rotor	56	66.3	66.9	0.47 in/h
A36	Rain Bird PESB	1-1/2"	Turf Rotor	56	65.8	66.4	1.12 in/h
A37	Rain Bird PESB	1-1/2"	Turf Rotor	56	67.1	67.2	1.12 in/h

VALVE SCHEDULE CONTROLLER B

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
B1	Rain Bird PESB	1"	Shrub Spray	19.85	34.1	38.9	2.33 in/h
B2	Rain Bird PESB	1"	Shrub Spray	19.7	33.6	38.8	2.04 in/h
B3	Rain Bird PESB	1"	Bubbler	8	43.3	47.8	0.87 in/h
B4	Rain Bird PESB	1"	Shrub Spray	25.24	35.5	40.1	1.19 in/h
B5	Rain Bird PESB	1-1/2"	Turf Rotor	42	51.0	55.9	0.8 in/h
B6	Rain Bird PESB	1"	Shrub Spray	25.9	35.5	40.4	1.16 in/h
B7	Rain Bird PESB	1-1/2"	Turf Rotor	36	69.1	74.3	0.67 in/h
B8	Rain Bird PESB	1"	Turf Rotor	7.8	47.4	52.7	0.72 in/h
B9	Rain Bird PESB	1"	Shrub Spray	24.12	35.6	41.0	1.46 in/h
B10	Rain Bird PESB	1"	Shrub Spray	19.72	36.4	41.9	1.88 in/h
B11	Rain Bird PESB	1-1/2"	Shrub Spray	44.7	36.4	41.9	1.78 in/h
B12	Rain Bird PESB	1"	Shrub Spray	10.4	33.0	38.5	1.6 in/h
B13	Rain Bird PESB	1-1/2"	Turf Rotor	42	68.2	73.7	0.33 in/h
B14	Rain Bird PESB	1-1/2"	Shrub Spray	26.39	34.6	40.4	2.04 in/h
B15	Rain Bird PESB	1-1/2"	Shrub Spray	32.08	34.5	40.4	2.03 in/h
B16	Rain Bird PESB	1-1/2"	Turf Rotor	46	67.4	73.9	0.99 in/h
B17	Rain Bird PESB	1-1/2"	Turf Rotor	48	66.6	73.1	0.39 in/h
B18	Rain Bird PESB	1-1/2"	Turf Rotor	36	67.3	73.8	0.83 in/h
B19	Rain Bird PESB	1-1/2"	Turf Rotor	34	68.0	74.8	0.33 in/h
B20	Rain Bird PESB	1-1/2"	Turf Rotor	50	69.9	76.7	0.97 in/h
B21	Rain Bird PESB	1-1/2"	Turf Rotor	41.4	64.8	71.8	0.87 in/h
B22	Rain Bird PESB	1-1/2"	Turf Rotor	50	67.9	75.3	0.38 in/h
B23	Rain Bird PESB	1-1/2"	Turf Rotor	50	69.0	76.4	0.39 in/h
B24	Rain Bird PESB	1-1/2"	Turf Rotor	50	66.9	74.4	0.41 in/h
B25	Rain Bird PESB	1"	Turf Rotor	22	65.3	73.2	0.31 in/h
B26	Rain Bird PESB	1-1/2"	Turf Rotor	47.1	66.0	73.9	1.09 in/h
B27	Rain Bird PESB	1-1/2"	Turf Rotor	42	68.1	76.0	0.79 in/h
B28	Rain Bird PESB	1-1/2"	Turf Rotor	32	66.6	74.6	0.3 in/h
B29	Rain Bird PESB	1-1/2"	Turf Rotor	50	70.2	78.3	1.03 in/h
B30	Rain Bird PESB	1-1/2"	Turf Rotor	28	67.1	75.1	0.33 in/h
B31	Rain Bird PESB	1-1/2"	Turf Rotor	50	68.0	76.1	0.86 in/h
B32	Rain Bird PESB	1-1/2"	Turf Rotor	57.04	51.4	56	0.81 in/h
B33	Rain Bird PESB	1-1/2"	Turf Rotor	39.09	54.2	58.8	0.8 in/h

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS	DETAIL
25	Rain Bird 5006-PL-PC-SAM-R-MPR 25 Turf Rotor, 6in. Pop-Up, Plastic Riser, with Flow Shut-Off Device. Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal-A-Matic Check Valve, and In-Stem Pressure Regulator.	45		23'	7/L3.1
30	Rain Bird 5006-PL-PC-SAM-R-MPR 30 Turf Rotor, 6in. Pop-Up, Plastic Riser, with Flow Shut-Off Device. Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal-A-Matic Check Valve, and In-Stem Pressure Regulator.	45		27'	7/L3.1
35	Rain Bird 5006-PL-PC-SAM-R-MPR 35 Turf Rotor, 6in. Pop-Up, Plastic Riser, with Flow Shut-Off Device. Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal-A-Matic Check Valve, and In-Stem Pressure Regulator.	45		32'	7/L3.1
4X	Rain Bird 6504-PC, FC 04 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	60	4	37'	7/L3.1
6X	Rain Bird 6504-PC, FC 06 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	60	6	42'	7/L3.1
8X	Rain Bird 6504-PC, FC 08 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	60	8.2	46'	7/L3.1
10	Rain Bird 6504-PC, FC 10 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	60	10	50'	7/L3.1
14	Rain Bird 6504-PC, FC 14 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	60	14	55'	7/L3.1
16	Rain Bird 6504-PC, FC 16 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	60	15.7	57'	7/L3.1

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	Rain Bird PESB Plastic Industrial Remote Control Valve with Pressure Regulating Module. Size per plans.	5/L3.1
	Rain Bird 44-LRC Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, and 2-Piece Body. See Civil Engieer's Plans for installation detail in synthetic turf areas.	3/L3.1
	Leemco LMV-FF 2in.-16in. Flange Gate Valves- For IPS pipe.	2/L3.1
C-A	Rain Bird ESPLXME2P-LXMMSS-LXMMSSPED Controller, outdoor model, provide expansion modules for required number of stations. Include options to work with District's IQ Control system. Provide and connect to electrical supply. Final location determined in field with Owner´s representative or Architect.	1/L3.1
C-B	Rain Bird ESPLXME2P-LXMMSS-LXMMSSPED Controller, outdoor model, provide expansion modules for required number of stations. Include options to work with District's IQ Control system. Provide and connect to electrical supply. Final location determined in field with Owner´s representative or Architect.	1/L3.1
IQ	Rain Bird IQ-NCC-RS-RS232 IQ NCC RS-232 Cartridge upgrades ESP-LX Series controllers to IQ satellite controllers, for central control connectivity. Confirm model and connectivity with RainBird Sales Rep prior to purchase, contact: Nate Acosta (530) 383-4992. Include (1) Radio MDS-950mhz with 3 inch directional attenna per controller.	
POC	Point of Connection 4" Connect to existing mainline. Cut existing mainline, install gate valve and new 4" mainline for continuation with the design of the project.	
	Irrigation Lateral Line: PVC Schedule 40	9/L3.1
	Irrigation Mainline: 1120-200 PSI Ring-Tite PVC Plastic Pipe, 4" With ductile iron fittings and concrete thrust blocks.	9/L3.1
	Pipe Sleeve: PVC Class 200 SDR 21 Install dbl. 3" (min.) sleeves at each location on the plan. For pipes 2" and greater install sleeves at twice the diameter of the pipe.	12/L3.1

Valve Callout
Valve Number
Valve Flow
Valve Size

EXISTING IRRIGATION NOTES

1. The new irrigation system for this project connects to an existing system. Contractor shall investigate the existing system and verify that it can support the design as shown; contact the landscape architect if found otherwise.
2. Modifications may be necessary to the existing system as part of the Work of this project. Contractor shall modify and reconnect all existing zones as required to provide continued water supply to the existing zones and to provide a coordinated and functional irrigation system for the overall site at completion of work.
3. The design of these plans is based on the following parameters of the existing system. Confirm and report any discrepancies to landscape architect for further clarification or direction as may be required:
   Pressure: 80 psi
   Mainline size: 4 inch

IRRIGATION NOTES

1. Contractor shall become familiar with the drawings, specifications, and site conditions prior to beginning work. Should conflicting information be found in these documents or between these documents and site conditions, notify the Landscape Architect before proceeding with the work in question.
2. All existing utilities, water lines, and fire hydrants shall remain connected and in full continuous operation unless specifically directed otherwise.
   2.1. Irrigation backflow prevention device and meter are existing on this project. Verify both are in proper operation, meet current code requirements, and are sufficient for the work of these plans.
3. Irrigation plan is diagrammatic. Actual routing of pipe and location of equipment shall be determined based on field conditions and as directed by the Landscape Architect. Install pipe and equipment in landscape areas wherever possible unless specifically noted otherwise. Stake layout of mainline and primary laterals for field review and approval prior to trenching. Field adjust existing irrigation system as necessary.
4. Pipe Sizing:
   4.1. Minimum pipe size shall be 1".
   4.2. Unlabeled pipe segments shall be equal to the size of the segment immediately upstream.
   4.3. In making adjustments to irrigation zone layouts Contractor shall be responsible to determine pipe sizes as required to deliver water pressure required for each outlet device considering flow rate, elevation changes, length of run, and other factors affecting pressure loss. Maximum flows in various pipe sizes shall not exceed the following guidelines. Flows may need to be significantly less than the maximums stated below to off-set other factors affecting pressure loss:
      4.3.1. 1": up to 12 gpm.
      4.3.2. 1-1/4": 12-22 gpm.
      4.3.3. 1-1/2": 22-30 gpm.
      4.3.4. 2": 30-50 gpm.
      4.3.5. 2-1/2": 50-70 gpm.
   4.4. Mainline pipe sizes shall not be changed without written approval of the District and Landscape Architect.
   4.5. Lateral line pipe runs of lengths greater than the typical distance between outlet devices shall not be made without written approval of the Landscape Architect.
5. Do not install the irrigation system as shown on the drawings when it is obvious in the field that obstructions, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Notify the Landscape Architect of all such conditions immediately upon discovery. In the event this notification is not provided, the Contractor shall assume full responsibility for all revisions necessary in response to field conditions with no additional compensation.
6. Controller(s):
   6.1. Locate as directed. Extend electrical service to controllers and dedicate one breaker of proper size for each controller. Provide one additional duplex outlet at each controller location.
   6.2. Electrical service to controllers shall be completed by a licensed electrical contractor in accordance with all applicable codes.
7. Sleeves:
   7.1. All pipe under existing and proposed paving shall be installed in sleeves.
   7.2. Sleeves are shown for contractor's convenience. Contractor shall be responsible to coordinate irrigation sleeve locations and installation with other trades.
   7.3. Extend all sleeves 18 inches beyond paving, cap and clearly mark by approved means to facilitate recovery.
   7.4. Install sleeves to accommodate future paving where indicated or as may be needed.
8. Spray Heads and Rotors:
   8.1. Install perpendicular to grade unless otherwise noted in plans.
9. Contractor to flush entire system and adjust all delivery devices and assemblies for complete coverage and reduced over-spray, prior to project completion.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
8	Rain Bird 1812-SAM-PRS-U 08F Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	1.05	7'	8/L3.1
8	Rain Bird 1812-SAM-PRS-U 08H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.52	7'	8/L3.1
8	Rain Bird 1812-SAM-PRS-U 08Q Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.26	7'	8/L3.1
10	Rain Bird 1812-SAM-PRS-U 10F Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	1.64	9'	8/L3.1
10	Rain Bird 1812-SAM-PRS-U 10H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.82	9'	8/L3.1
12	Rain Bird 1812-SAM-PRS-U 12F Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	2.6	11'	8/L3.1
12	Rain Bird 1812-SAM-PRS-U 12H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.3	11'	8/L3.1
12	Rain Bird 1812-SAM-PRS-U 12Q Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.65	11'	8/L3.1
15	Rain Bird 1812-SAM-PRS-U 15H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.85	14'	8/L3.1
15	Rain Bird 1812-SAM-PRS-U 15Q Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.92	14'	8/L3.1
8	Rain Bird 1812-SAM-PRS-U 08 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 1.19	7'	8/L3.1
10	Rain Bird 1812-SAM-PRS-U 10 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 1.8	9'	8/L3.1
12	Rain Bird 1812-SAM-PRS-U 12 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 2.38	11'	8/L3.1
15	Rain Bird 1812-SAM-PRS-U 15 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 3.71	14'	8/L3.1
8	Rain Bird 1806-SAM-PRS-U 08H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.52	7'	8/L3.1
8	Rain Bird 1806-SAM-PRS-U 08Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.26	7'	8/L3.1
10	Rain Bird 1806-SAM-PRS-U 10F Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	1.64	9'	8/L3.1
10	Rain Bird 1806-SAM-PRS-U 10H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.82	9'	8/L3.1
10	Rain Bird 1806-SAM-PRS-U 10Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.41	9'	8/L3.1
12	Rain Bird 1806-SAM-PRS-U 12F Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	2.6	11'	8/L3.1
12	Rain Bird 1806-SAM-PRS-U 12H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.3	11'	8/L3.1
12	Rain Bird 1806-SAM-PRS-U 12Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.65	11'	8/L3.1
12	Rain Bird 1806-SAM-PRS-U 12T Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	120	30	0.87	11'	8/L3.1
15	Rain Bird 1806-SAM-PRS-U 15F Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	3.7	14'	8/L3.1
15	Rain Bird 1806-SAM-PRS-U 15H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.85	14'	8/L3.1
15	Rain Bird 1806-SAM-PRS-U 15Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.92	14'	8/L3.1
15	Rain Bird 1806-SAM-PRS-U 15T Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	120	30	1.23	14'	8/L3.1
15	Rain Bird 1806-SAM-PRS-U 15 HE-V Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 3.71	14'	8/L3.1
	Rain Bird 1800-1400 Flood 1401 Install (1) pressure compensating drip bubbler 0.25 gpm threaded onto 1/2" IPS flexible PVC pipe. Locate over root ball on uphill side of tree. Install in conjunction with tree root bubbler.	360	40	0.25	3'	6/L3.1
	Rain Bird RWS-B-C 1401 36" long with 0.25 gpm bubbler, Check Valve, and 1/2" swing joint. Install with supplemental bubbler at each tree, locate on opposite sides of the tree from the supplemental bubbler and adjacent to the root ball.	360	40	0.25	3'	6/L3.1

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LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02 (SHLA #25-08)
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: SH

IRRIGATION SCHEDULE AND NOTES

L1.0

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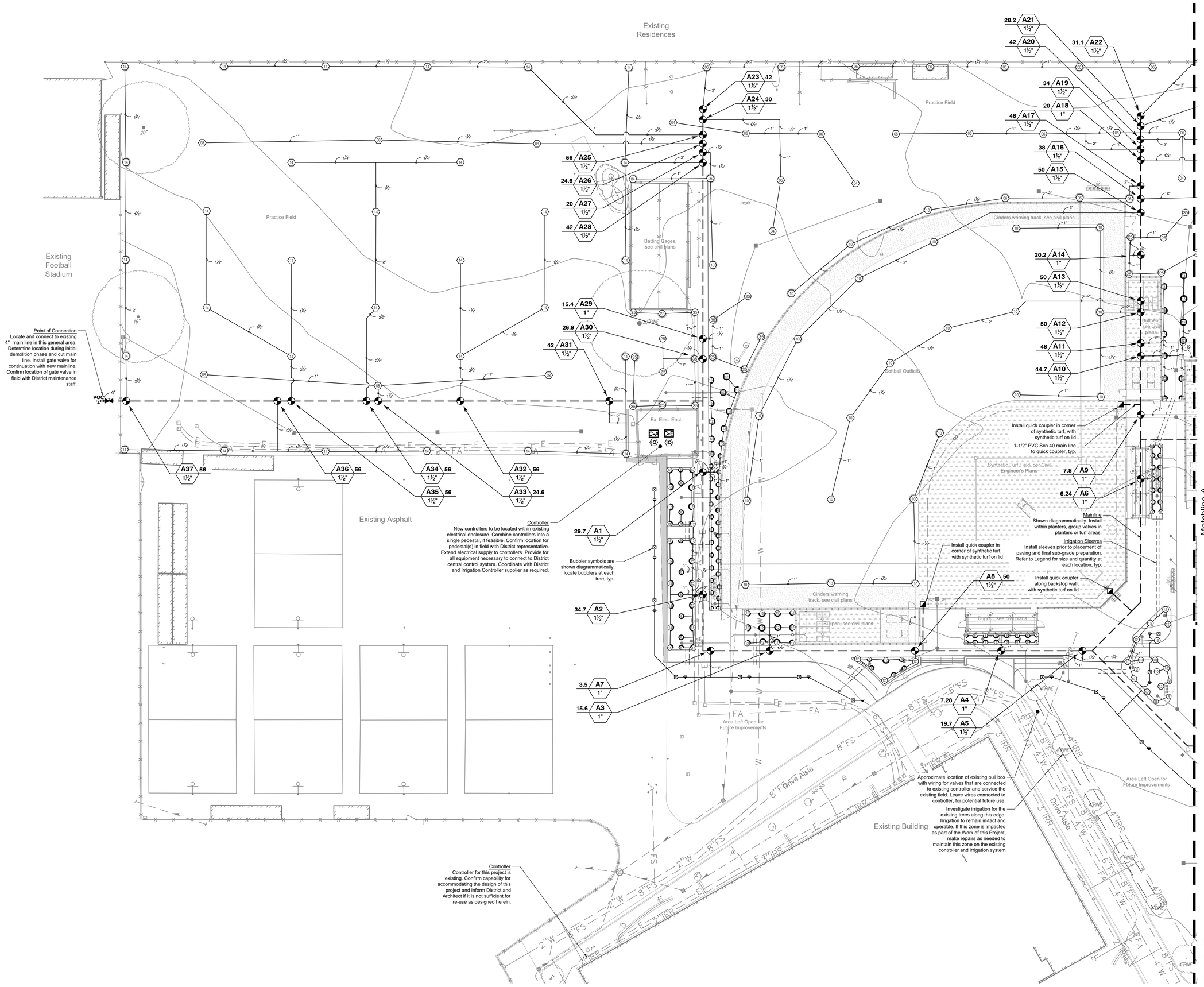

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IRRIGATION PLAN

L1.1

Piping and equipment is shown in paved areas for drawing clarity, locate all irrigation equipment within project limit and outside the outfield fence

Existing Residences

Cinders warning track, see civil plans

Baseball Outfield

Practice Field

Existing Residences

Bullpen, see civil plans

Install quick coupler in corner of synthetic turf, with synthetic turf on lid

Synthetic Turf Field, per Civil Engineer's Plans

Install quick coupler in synthetic turf behind edge of pitchers mound, with synthetic turf on lid

1-1/2" PVC Sch 40 main line to quick coupler, typ.

Matchline A

Matchline B

50	B31	1½"	
28	B30	1½"	
50	B29	1½"	
	B28	1½"	32
	B27	1½"	42
	B26	1½"	47.1
	B25	1"	22
	B24	1½"	50
	B23	1½"	50
	B22	1½"	50
	B21	1½"	41.4
	B20	1½"	50
	B19	1½"	34

NORTH

0' 10' 20' 40'

scale: 1" = 20'-0"

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

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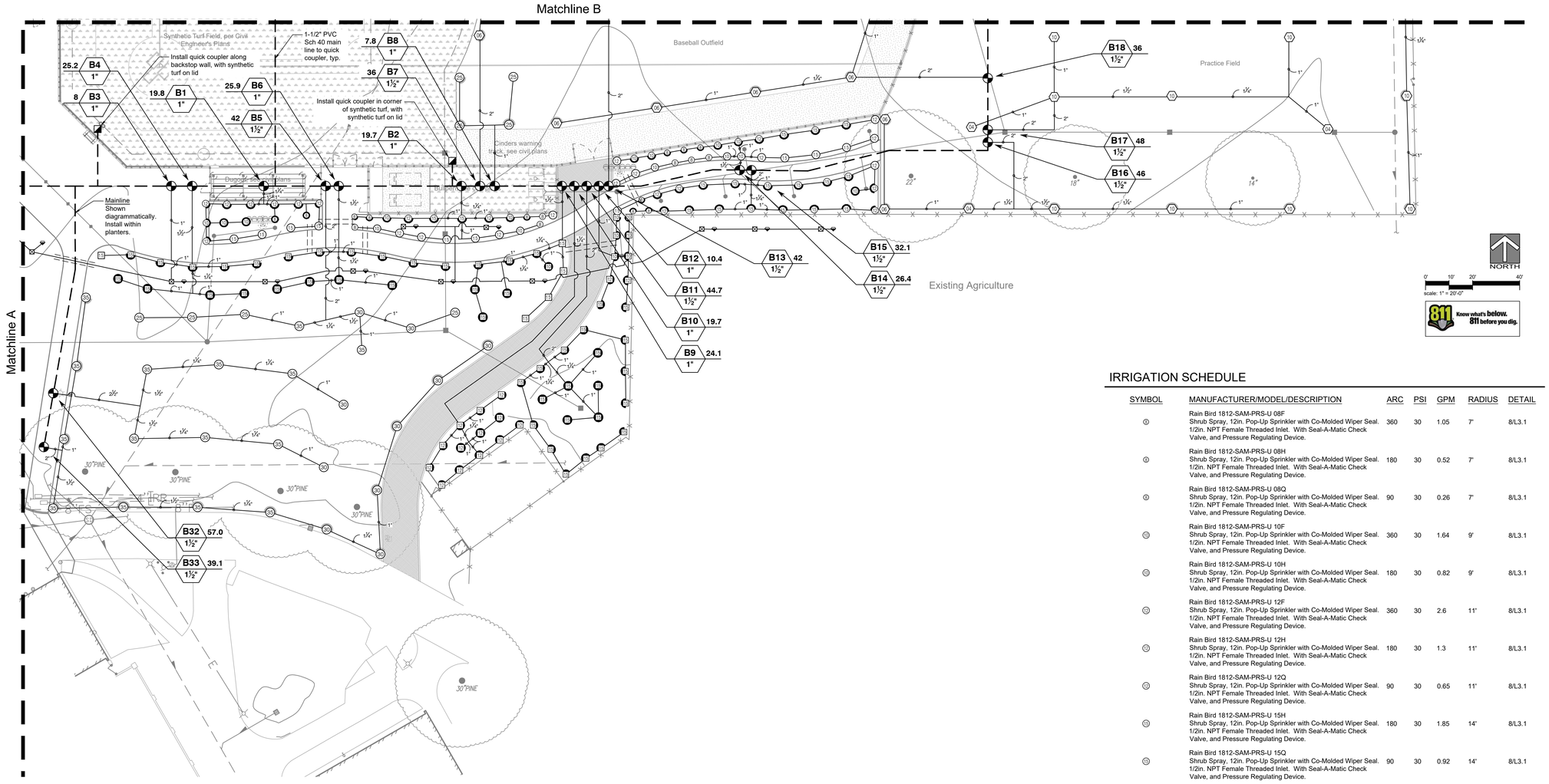
IRRIGATION PLAN

L1.2



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
①	Rain Bird 1812-SAM-PRS-U 08F Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	1.05	7'	8/L3.1
②	Rain Bird 1812-SAM-PRS-U 08H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.52	7'	8/L3.1
③	Rain Bird 1812-SAM-PRS-U 08Q Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.26	7'	8/L3.1
⑨	Rain Bird 1812-SAM-PRS-U 10F Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	1.64	9'	8/L3.1
⑩	Rain Bird 1812-SAM-PRS-U 10H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.82	9'	8/L3.1
⑪	Rain Bird 1812-SAM-PRS-U 12F Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	2.6	11'	8/L3.1
⑫	Rain Bird 1812-SAM-PRS-U 12H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.3	11'	8/L3.1
⑬	Rain Bird 1812-SAM-PRS-U 12Q Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.65	11'	8/L3.1
⑭	Rain Bird 1812-SAM-PRS-U 15H Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.85	14'	8/L3.1
⑮	Rain Bird 1812-SAM-PRS-U 15Q Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.92	14'	8/L3.1
⑧	Rain Bird 1812-SAM-PRS-U 08 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 1.19	7'	8/L3.1
⑨	Rain Bird 1812-SAM-PRS-U 10 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 1.8	9'	8/L3.1
⑪	Rain Bird 1812-SAM-PRS-U 12 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 2.38	11'	8/L3.1
⑮	Rain Bird 1812-SAM-PRS-U 15 HE-V Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 3.71	14'	8/L3.1
①	Rain Bird 1806-SAM-PRS-U 08H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.52	7'	8/L3.1
①	Rain Bird 1806-SAM-PRS-U 08Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.26	7'	8/L3.1
⑨	Rain Bird 1806-SAM-PRS-U 10F Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	1.64	9'	8/L3.1
⑩	Rain Bird 1806-SAM-PRS-U 10H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	0.82	9'	8/L3.1
⑬	Rain Bird 1806-SAM-PRS-U 10Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.41	9'	8/L3.1
⑫	Rain Bird 1806-SAM-PRS-U 12F Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	2.6	11'	8/L3.1
⑫	Rain Bird 1806-SAM-PRS-U 12H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.3	11'	8/L3.1
⑬	Rain Bird 1806-SAM-PRS-U 12Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.65	11'	8/L3.1
⑫	Rain Bird 1806-SAM-PRS-U 12T Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	120	30	0.87	11'	8/L3.1
⑮	Rain Bird 1806-SAM-PRS-U 15F Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	360	30	3.7	14'	8/L3.1
⑭	Rain Bird 1806-SAM-PRS-U 15H Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	180	30	1.85	14'	8/L3.1

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
14	Rain Bird 6504-PC, FC 14 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.		60	14	55'	7/L3.1
16	Rain Bird 6504-PC, FC 16 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.		60	15.7	57'	7/L3.1
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION					DETAIL
	Rain Bird PESB Plastic Industrial Remote Control Valve with Pressure Regulating Module. Size per plans.					5/L3.1
	Rain Bird 44-LRC Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, and 2-Piece Body. See Civil Engineer's Plans for installation detail in synthetic turf areas.					3/L3.1
	Leemco LMV-FF 2in.-16in. Flange Gate Valves- For IPS pipe.					2/L3.1
C-A	Rain Bird ESPLXME2P-LXMMSS-LXMMSSPED Controller, outdoor model, provide expansion modules for required number of stations. Include options to work with District's IQ Control system. Provide and connect to electrical supply. Final location determined in field with Owner`s representative or Architect.					1/L3.1
C-B	Rain Bird ESPLXME2P-LXMMSS-LXMMSSPED Controller, outdoor model, provide expansion modules for required number of stations. Include options to work with District's IQ Control system. Provide and connect to electrical supply. Final location determined in field with Owner`s representative or Architect.					1/L3.1
IQ	Rain Bird IQ-NCC-RS-RS232 IQ NCC RS-232 Cartridge upgrades ESP-LX Series controllers to IQ satellite controllers, for central control connectivity. Confirm model and connectivity with RainBird Sales Rep prior to purchase, contact: Nate Acosta (530) 383-4992. Include (1) Radio MDS-950mhz with 3 inch directional attenna per controller.					
POC	Point of Connection 4" Connect to existing mainline. Cut existing mainline, install gate valve and new 4" mainline for continuation with the design of the project.					
	Irrigation Lateral Line: PVC Schedule 40					9/L3.1
	Irrigation Mainline: 1120-200 PSI Ring-Tite PVC Plastic Pipe, 4" With ductile iron fittings and concrete thrust blocks.					9/L3.1
	Pipe Sleeve: PVC Class 200 SDR 21 Install dbl. 3" (min.) sleeves at each location on the plan. For pipes 2" and greater install sleeves at twice the diameter of the pipe.					12/L3.1

Valve Callout
Valve Number
Valve Flow
Valve Size

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	RADIUS	DETAIL
13	Rain Bird 1806-SAM-PRS-U 15Q Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	90	30	0.92	14'	8/L3.1
15	Rain Bird 1806-SAM-PRS-U 15T Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	120	30	1.23	14'	8/L3.1
15	Rain Bird 1806-SAM-PRS-U 15 HE-V Shrub Spray, 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	Adj	30	≤ 3.71	14'	8/L3.1
⊠	Rain Bird 1800-1400 Flood 1401 Install (1) pressure compensating drip bubbler 0.25 gpm threaded onto 1/2" IPS flexible PVC pipe. Locate over root ball on uphill side of tree. Install in conjunction with tree root bubbler.	360	40	0.25	3'	6/L3.1
◆	Rain Bird RWS-B-C 1401 36" long with 0.25 gpm bubbler, Check Valve, and 1/2" swing joint. Install with supplemental bubbler at each tree, locate on opposite sides of the tree from the supplemental bubbler and adjacent to the root ball.	360	40	0.25	3'	6/L3.1
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		PSI	GPM	RADIUS	DETAIL
25	Rain Bird 5006-PL-PC-SAM-R-MPR 25 Turf Rotor, 6in. Pop-Up, Plastic Riser, with Flow Shut-Off Device. Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal-A-Matic Check Valve, and In-Stem Pressure Regulator.		45		23'	7/L3.1
30	Rain Bird 5006-PL-PC-SAM-R-MPR 30 Turf Rotor, 6in. Pop-Up, Plastic Riser, with Flow Shut-Off Device. Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal-A-Matic Check Valve, and In-Stem Pressure Regulator.		45		27'	7/L3.1
35	Rain Bird 5006-PL-PC-SAM-R-MPR 35 Turf Rotor, 6in. Pop-Up, Plastic Riser, with Flow Shut-Off Device. Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal-A-Matic Check Valve, and In-Stem Pressure Regulator.		45		32'	7/L3.1
04	Rain Bird 6504-PC, FC 04 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.		60	4	37'	7/L3.1
06	Rain Bird 6504-PC, FC 06 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.		60	6	42'	7/L3.1
08	Rain Bird 6504-PC, FC 08 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.		60	8.2	46'	7/L3.1
10	Rain Bird 6504-PC, FC 10 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.		60	10	50'	7/L3.1

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LICENSED ARCHITECT — KEITH L. DEARDEN — C-29928 — RENEWAL 12 / 2025 — STATE OF CALIFORNIA

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LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02 (SHLA #25-08)
ISSUE SET: CD
ISSUE DATE: 03/25/2025
DRAWN BY: SH

IRRIGATION PLAN

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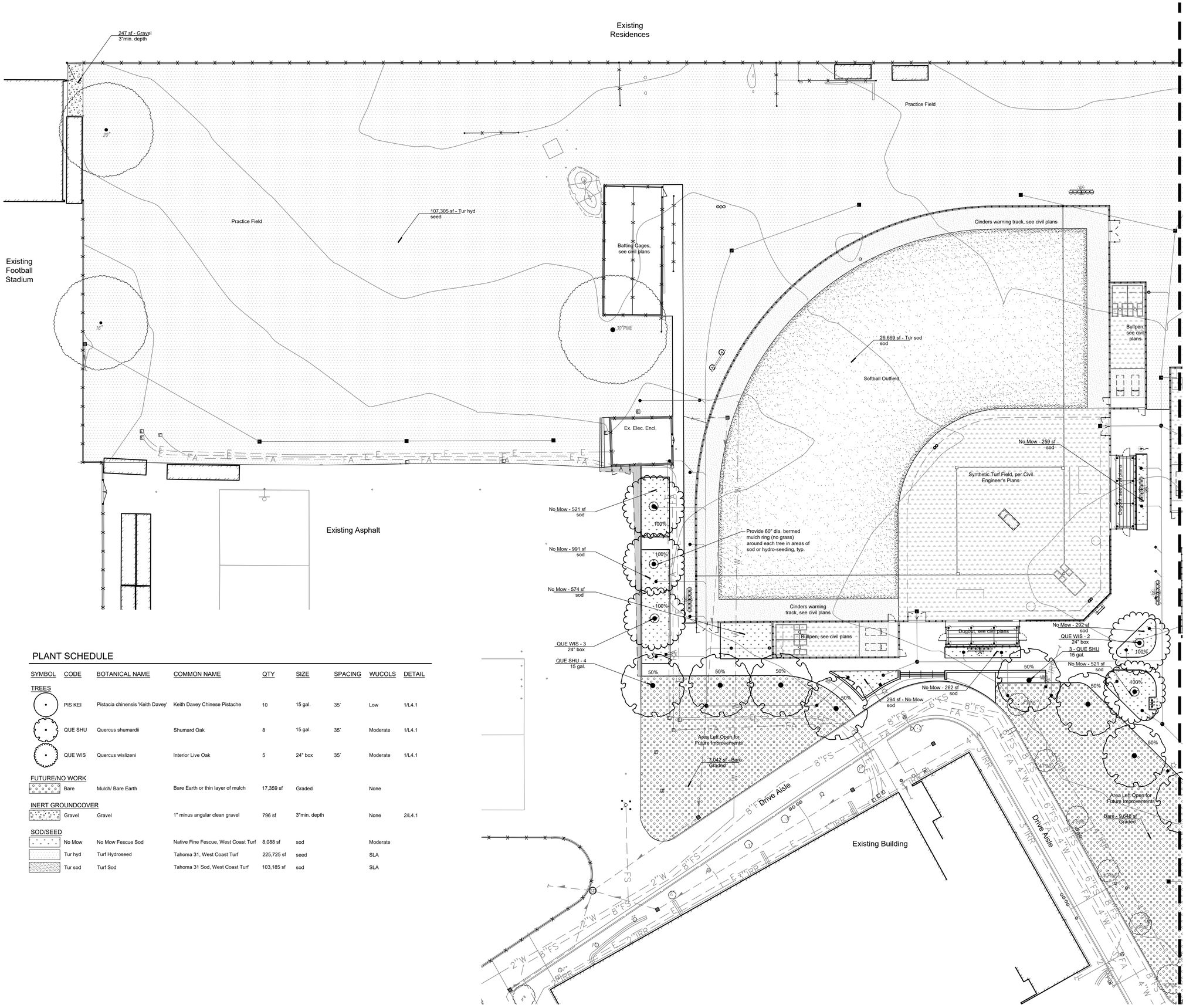

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	QTY	SIZE	SPACING	WUCOLS	DETAIL
TREES								
	PIS KEI	Pistacia chinensis 'Keith Davey'	Keith Davey Chinese Pistache	10	15 gal.	35`	Low	1/L4.1
	QUE SHU	Quercus shumardii	Shumard Oak	8	15 gal.	35`	Moderate	1/L4.1
	QUE WIS	Quercus wislizeni	Interior Live Oak	5	24" box	35`	Moderate	1/L4.1
FUTURE/NO WORK								
	Bare	Mulch/ Bare Earth	Bare Earth or thin layer of mulch	17,359 sf	Graded		None	
INERT GROUNDCOVER								
	Gravel	Gravel	1" minus angular clean gravel	796 sf	3"min. depth		None	2/L4.1
SOD/SEED								
	No Mow	No Mow Fescue Sod	Native Fine Fescue, West Coast Turf	8,088 sf	sod		Moderate	
	Tur hyd	Turf Hydroseed	Tahoma 31, West Coast Turf	225,725 sf	seed		SLA	
	Tur sod	Turf Sod	Tahoma 31 Sod, West Coast Turf	103,185 sf	sod		SLA	

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PLANTING PLAN

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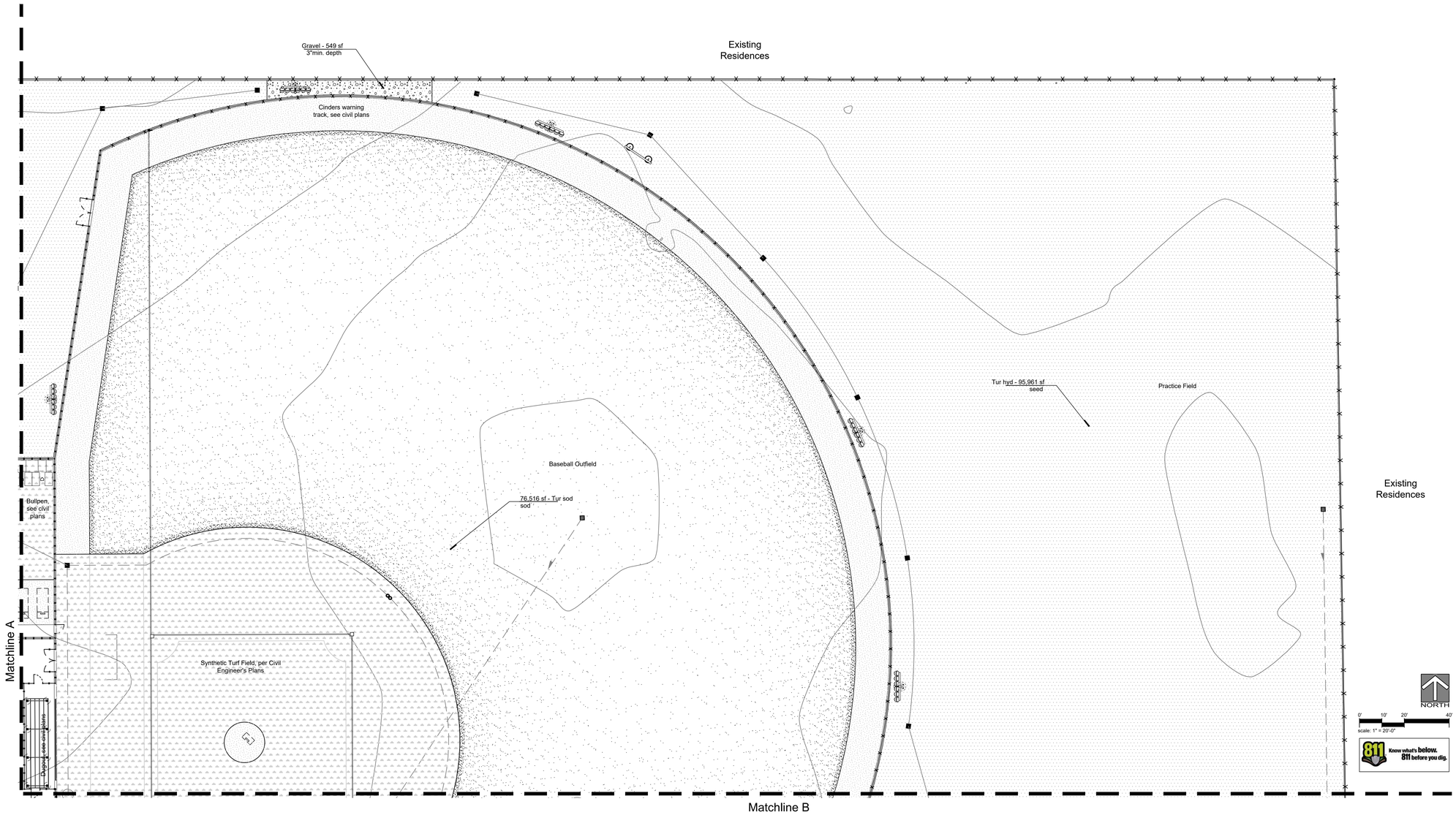

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	QTY	SIZE	SPACING	WUCOLS	DETAIL
TREES								
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•	QUE SHU	Quercus shumardii	Shumard Oak	8	15 gal.	35`	Moderate	1/L4.1
•	QUE WIS	Quercus wislizeni	Interior Live Oak	5	24" box	35`	Moderate	1/L4.1
FUTURE/NO WORK								
	Bare	Mulch/ Bare Earth	Bare Earth or thin layer of mulch	17,359 sf	Graded		None	
INERT GROUNDCOVER								
	Gravel	Gravel	1" minus angular clean gravel	796 sf	3"min. depth		None	2/L4.1
SOD/SEED								
	No Mow	No Mow Fescue Sod	Native Fine Fescue, West Coast Turf	8,088 sf	sod		Moderate	
	Tur hyd	Turf Hydroseed	Tahoma 31, West Coast Turf	225,725 sf	seed		SLA	
	Tur sod	Turf Sod	Tahoma 31 Sod, West Coast Turf	103,185 sf	sod		SLA	

PROJECT SHADE CALCULATIONS

Calculations provided to show compliance with CBC Section 5.106.12. Tree diameters per species is based on published local municipality documentation or the Sunset Western Garden Book.

Tree Type	Area at 100% (sf)	100% sf	100% qty.	75% sf	75% qty.	50% sf	50% qty.	25% sf	25% qty.	Subtotal	
Quercus wislizenii	962	4,810	5	0	0	0	0	0	0	4,810	sf
Pistacia chinensis 'Keith Davey'	962	7,696	8	2,886	4	0	0	0	0	10,582	sf
Quercus shumardii	962	0	0	0	0	3,848	8	0	0	3,848	sf
								Total shade provided by trees:		14,430	sf
								Total Project Area for Landscape and Hardscape		58,701	sf
								Shading Provided at Landscape and Hardscape Areas (min. 20% req'd)		25	%

PARKING AREA SHADE

The project is not providing any new parking spaces; rather, existing parking stalls will be re-striped. No new parking spaces or parking areas landscape required or provided with this project.

PLANTING NOTES

1. Examine site conditions and locate utilities prior to start of work. Report any conflicts to Owner or Landscape Architect prior to starting work. Start of work implies acceptance of site conditions.
2. Confirm all plant quantities. The quantity of symbols on the plan shall have priority over the quantity provided in the legend.
3. Contractor is responsible for maintaining current condition of existing landscape to remain. Any damage that occurs to landscape after start of work shall be repaired or replaced at no additional expense to the Owner.
4. The contractor shall be responsible for the purchasing of all material to provide a complete installation per the intent of the contract documents.
5. The contractor is responsible for the protection of all material until the project has been completely turned over to the owner.
6. Landscape Architect reserves the right to review plant material prior to planting. Plant material may be rejected at any time due to condition, form, or damage, before or after planting. Installed and then rejected material shall be replaced by the contractor at contractor expense.
7. All plant material to be nursery grown in a climate similar to that of the project site. All plant material shall:
   - 7.1. Be vigorous and of normal habit of growth.
   - 7.2. Be pest and disease free, including insects, insect eggs and larvae.
   - 7.3. Be free of girdling roots, sun scald, abrasions, disease
8. Plants shall equal or exceed the standards as outlined by the American Standards for Nursery Stock and to applicable California Agriculture Code.
9. The landscape contractor shall, prior to installation of any plant material, provide for a Soil Agronomy Report (per WELO) from an approved soils laboratory that shall include recommendations for amending and preparing soil. Provide report to landscape architect for review and further direction regarding soil amendments and preparation. Soil analysis shall include: soil texture, infiltration rate, soil pH, total soluble salts, sodium, and percent organic matter.
10. Prepare the soil by removing all rock and debris larger than 1" from planting areas; legally dispose of materials removed from this process.
11. Amend the soil per the recommendations of the Soil Agronomy Report, including any additional amendments specified by the landscape architect, prior to the installation of plant material. Provided below is a list of minimum amendments that shall be incorporated into all planting pits and broadcast into soil to depth of 12", by means of a roto-tiller or equal, per 1000 square feet. This list is provided for Bid purposes and shall be augmented as recommended by the Soils Agronomy Report.
    - 4 cyds organic amendment. Cow manure or nitrogen-treated sawdust or ground bark humus
    - 15 lbs. soil sulfur
    - 15 lbs. 15-15-15 fertilizer
12. Notify landscape architect if site soil has been lime treated. Additional testing may be required to determine extent of lime treatment, compaction, or other condition that may be deleterious to healthy plant growth.
13. Provide weed control prior to planting. Thoroughly irrigate the site to promote germination of weed seeds that may be in the soil. Once germination has taken place spray the site with approved herbicide, (Round-Up or equal) at the rate specified by the manufacturer. Reapply as needed.
14. Planting pits for trees shall be excavated per the details provided in these plans. Planting pit backfill mix for all trees and shrubs shall consist of the following:
    - 6 parts 'on-site' soil
    - 4 parts organic amendment (same as described above)
    - 1 lb./yd. of mix 12-12-12 commercial fertilizer
    - 2 lbs./cu. yd. of mix Iron Sulfate
    - 10 lbs./cu. yd. of mix Agricultural Gypsum
15. Fertilizer tablets (20-10-5) to be placed in all planting pits in the following quantities per plant container size:
    - 1 gallon 1 tablet
    - 5 gallon 3 tablets
    - 15 gallon 9 tablets
    - 24" box 9 tablets
    - 36" box 15 tablets
16. Plant establishment period of ninety (90) days shall commence upon notice of Substantial Completion. Maintain all plant material throughout duration of plant establishment period to a point accepted by the Landscape Architect or Owner's Representative. See Planting Specifications for additional information.
17. Trees to be planted a min. of 5'-0" from edge of paving or walls, U.O.N.
    - 17.1. Tree planting shall conform to minimum distances away from lights or other utilities, as published in the local jurisdictions standards or guidelines.
18. Groundcover shall be installed continuous under all shrub masses, U.O.N.
19. Install vines with runners securely attached to the adjacent wall or trellis. Remove nursery stakes prior to completion of plant establishment period, unless otherwise directed by owner or landscape architect.
20. Prior to placing mulch, apply pre-emergent weed control, (Ronstar, or approved equal) in the amounts specified by the manufacturer.
21. Uniformly place a minimum 3" depth of recycled, organic mulch (3/4" - 1-1/2" chip size) over all shrub areas. Do not install mulch at turf areas. Color: Brown (un-dyed).
    - 21.1. "Gorilla Hair" is not acceptable unless specifically noted.
    - 21.2. Do not install bark mulch in areas of inundation (e.g. - bio-swale or basin). Place min. 3" layer of crushed aggregate mulch ($2^{\frac{1}{2}}$") in these areas in place of the bark mulch. Transition back to bark mulch at top of slope, U.O.N. Submit sample for approval.

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PLANTING PLAN

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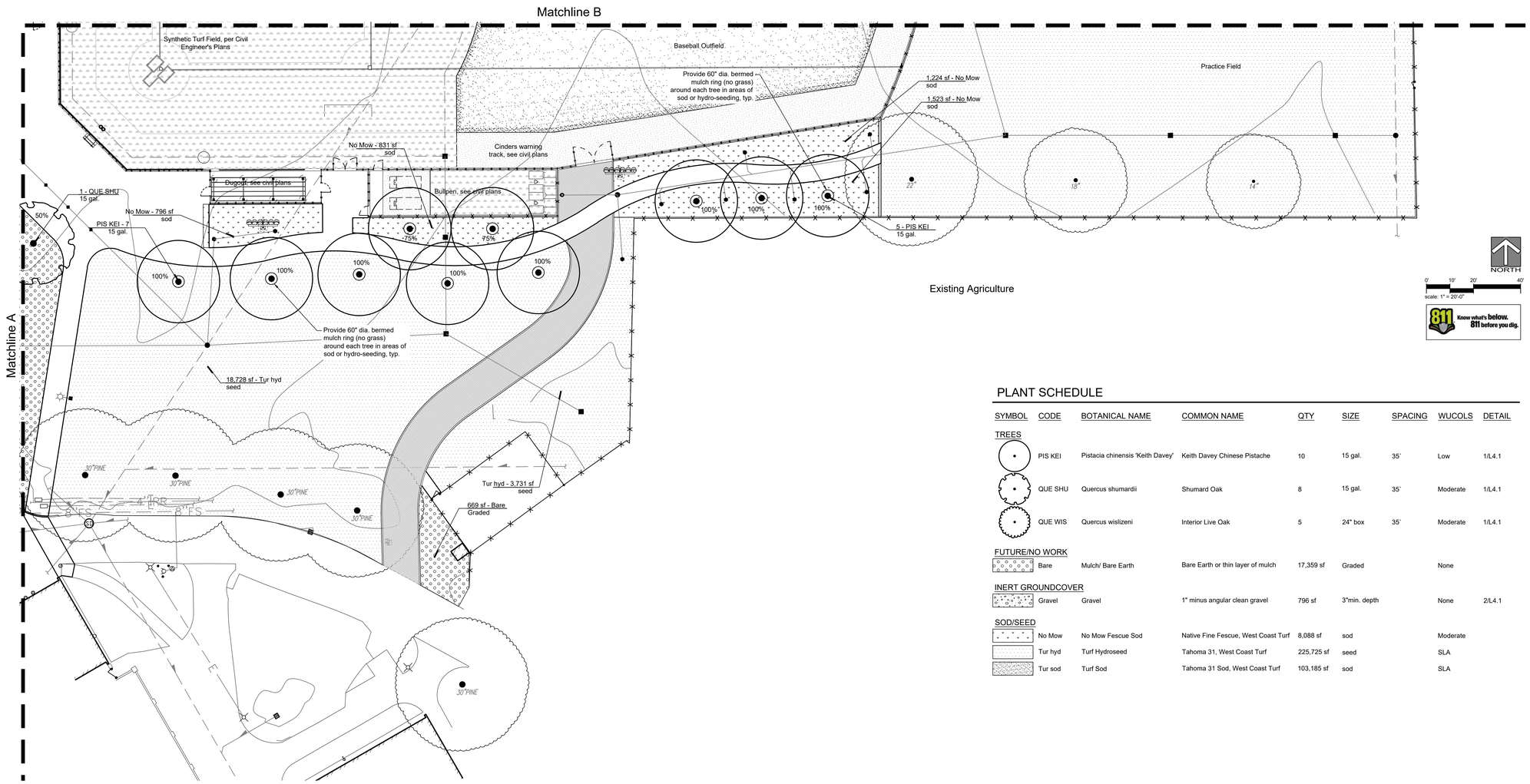

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PLANT SCHEDULE

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TREES								
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	QUE SHU	Quercus shumardii	Shumard Oak	8	15 gal.	35`	Moderate	1/L4.1
	QUE WIS	Quercus wislizeni	Interior Live Oak	5	24" box	35`	Moderate	1/L4.1
FUTURE/NO WORK								
	Bare	Mulch/ Bare Earth	Bare Earth or thin layer of mulch	17,359 sf	Graded		None	
INERT GROUNDCOVER								
	Gravel	Gravel	1" minus angular clean gravel	796 sf	3"min. depth		None	2/L4.1
SOD/SEED								
	No Mow	No Mow Fescue Sod	Native Fine Fescue, West Coast Turf	8,088 sf	sod		Moderate	
	Tur hyd	Turf Hydroseed	Tahoma 31, West Coast Turf	225,725 sf	seed		SLA	
	Tur sod	Turf Sod	Tahoma 31 Sod, West Coast Turf	103,185 sf	sod		SLA	

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PLANTING PLAN

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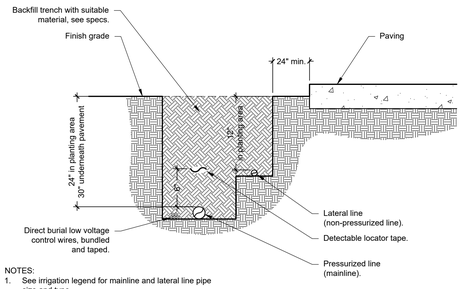
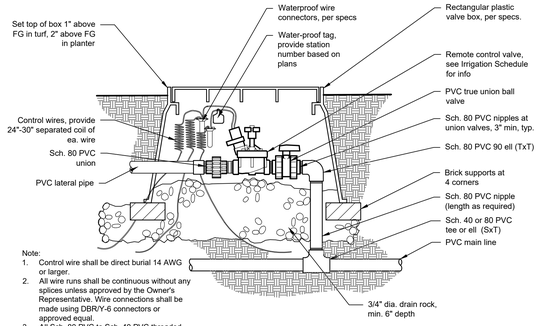


NOTES:
1. See irrigation legend for mainline and lateral line pipe size and type.
2. Direct burial control wires shall be installed in Sch. 40 PVC electrical conduit if required.
3. 2-wire irrigation wire shall be installed in Sch. 40 PVC electrical conduit.
4. Detectable locator tape shall be located six inches (6") above the entire mainline run.

9 TRENCHING

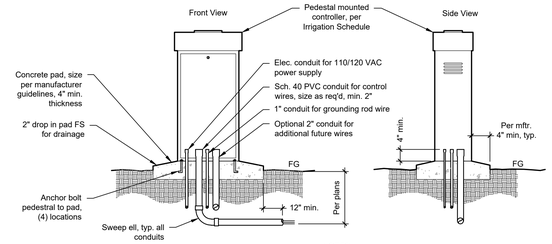
NTS 328401-29



Note:
1. Control wire shall be direct burial 14 AWG or larger.
2. All wire runs shall be continuous without any splices unless approved by the Owner's Representative. Wire connections shall be made using DBR/Y-6 connectors or approved equal.
3. All Sch. 80 PVC to Sch. 40 PVC threaded connections shall be made using teflon tape.
4. Valve boxes shall be located in planting areas.

5 REMOTE CONTROL VALVE

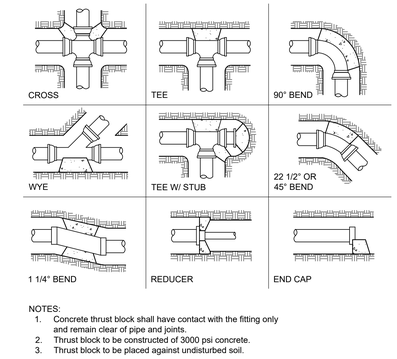
NTS 328401-12



NOTES:
1. Installation to conform to manufacturer's recommendations and per local governing codes.
2. All electrical to be installed by a properly certified electrician.

1 CONTROLLER - PEDESTAL MOUNTED

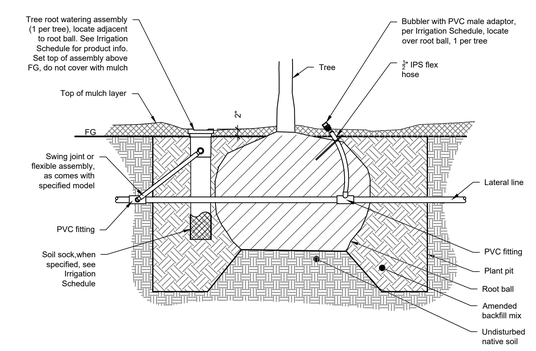
NTS 328401-03



NOTES:
1. Concrete thrust block shall have contact with the fitting only and remain clear of pipe and joints.
2. Thrust block to be constructed of 3000 psi concrete.
3. Thrust block to be placed against undisturbed soil.

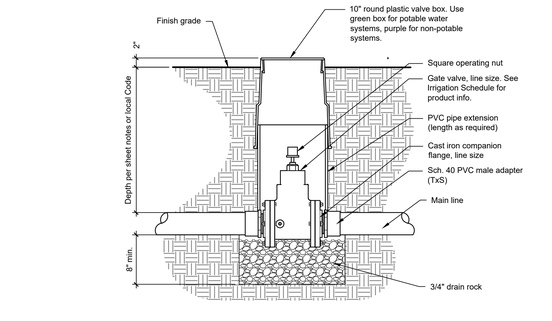
10 THRUST BLOCK

nts 328401-55



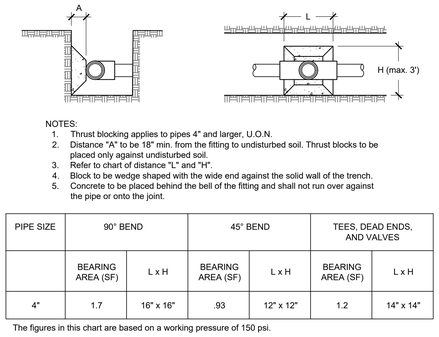
6 TREE ROOT WATERING SYSTEM WITH ADDED BUBBLER

NTS 328401-18



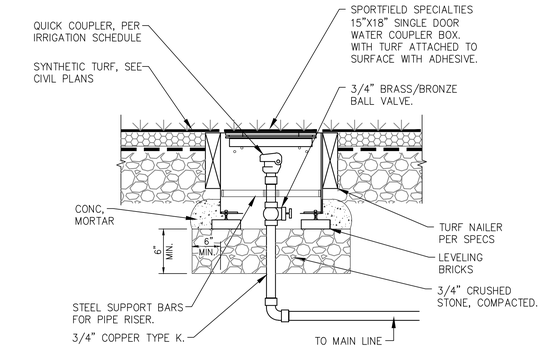
2 GATE VALVE - 4" OR GREATER

NTS 328401-11



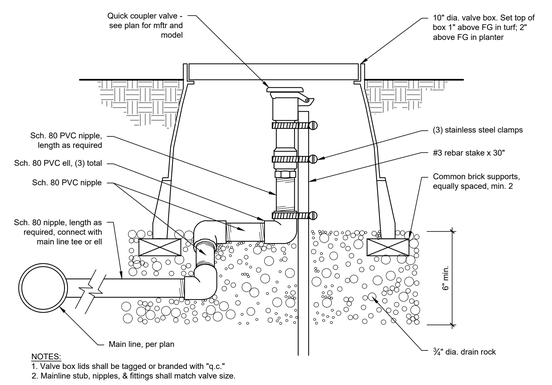
11 THRUST BLOCK INSTALLATION

nts 328401-56



7 GEAR ROTOR

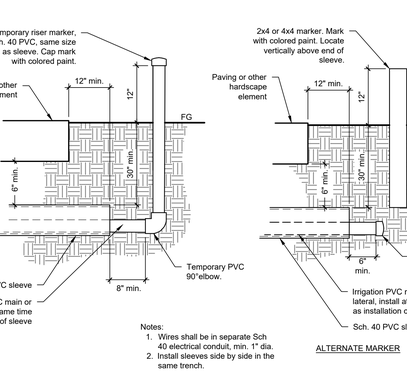
NTS 328401-15



NOTES:
1. Valve box lids shall be tagged or branded with "q.c."
2. Mainline stub, nipples, & fittings shall match valve size.

3 QUICK COUPLER, LOCATED IN SYNTHETIC TURF

NTS 328401-54

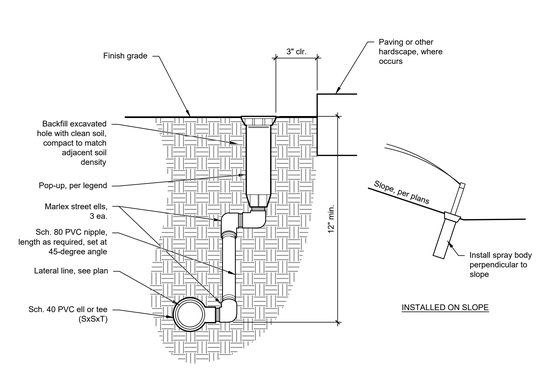


Notes:
1. Wires shall be in separate Sch 40 electrical conduit, min. 1" dia.
2. Install sleeves side by side in the same trench.

ALTERNATE MARKER

12 IRRIGATION SLEEVE

NTS 328401-26



8 POP-UP SPRAY

NTS 328401-16

NOTES:
1. Thrust blocking applies to pipes 4" and larger, U.O.N.
2. Distance "A" to be 18" min. from the fitting to undisturbed soil. Thrust blocks to be placed only against undisturbed soil.
3. Refer to chart of distance "L" and "H".
4. Block to be wedge shaped with the wide end against the solid wall of the trench.
5. Concrete to be placed behind the bell of the fitting and shall not run over against the pipe or onto the joint.

PIPE SIZE	90° BEND		45° BEND		TEES, DEAD ENDS, AND VALVES	
	BEARING AREA (SF)	L x H	BEARING AREA (SF)	L x H	BEARING AREA (SF)	L x H
4"	1.7	16" x 16"	.93	12" x 12"	1.2	14" x 14"

The figures in this chart are based on a working pressure of 150 psi.

4 QUICK COUPLER

NTS 328401-10

02-123298

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LICENSED LANDSCAPE ARCHITECT · RICHARD SAM HARNED · 3572 · 10/31/26 · 02/17/2026 · STATE OF CALIFORNIA

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LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO:	2025-02 (SHLA #25-08)
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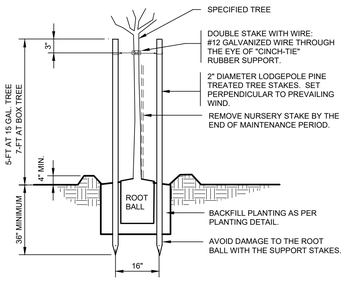
ISSUE DATE:	03/25/2025
DRAWN BY:	SH

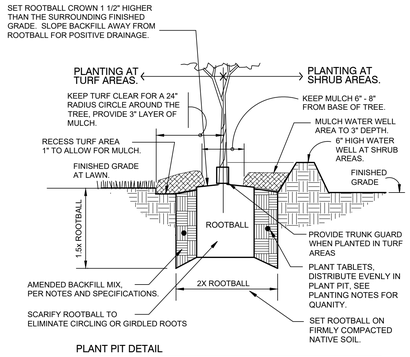
IRRIGATION DETAILS

L3.1

2/4/2025 3:01:50 PM



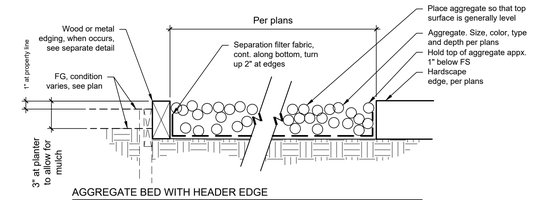
STAKING DETAIL



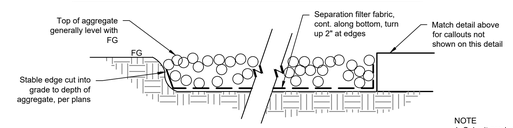
PLANT PIT DETAIL

1 TREE PLANTING

1" = 1'-0" 329301-13



AGGREGATE BED WITH HEADER EDGE



AGGREGATE BED WITH CUT EARTH EDGE

NOTE
1. Submit product data and sample of aggregate for approval.

2 AGGREGATE BED

NTS 329301-01

2/4/2025 3:01:50 PM

02-123298

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LODI UNIFIED SCHOOL DISTRICT

REVISIONS

PROJECT NO: 2025-02 (SHLA #25-08)
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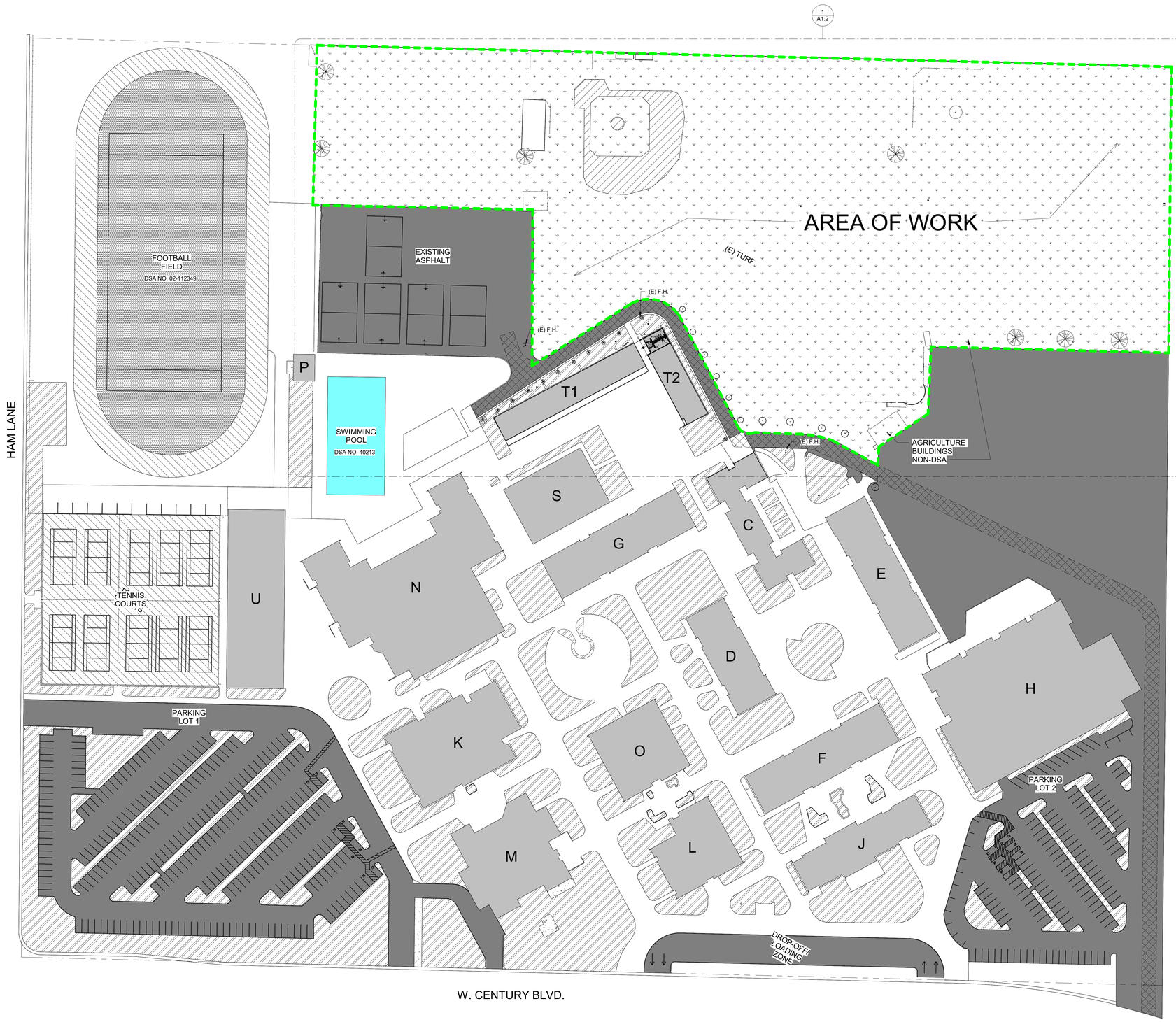
PLANTING DETAILS

L4.1



1 SITE PLAN-EXISTING
1" = 60'-0"

EXISTING BUILDING SCHEDULE

BUILDING	BUILDING USE	AREA	DSA APP. NO.	CONSTRUCTION TYPE	FIRE SPRINKLERED
BLDG. C	CLASSROOMS	9335 SF	38091, 02-106408	VB, 1 STORY	
BLDG. D	CLASSROOMS	9020 SF	38091, 02-106408	VB, 1 STORY	
BLDG. E	CLASSROOMS	12718 SF	38091, 02-106408	VB, 1 STORY	
BLDG. F	CLASSROOMS	12620 SF	38091, 02-106408	VB, 1 STORY	
BLDG. G	CLASSROOMS	12620 SF	38091, 02-106408	VB, 1 STORY	
BLDG. H	CLASSROOMS	44118 SF	38091, 02-106408	VB, 1 STORY	
BLDG. J	CLASSROOMS	10216 SF	38091, 02-106408	VB, 1 STORY	
BLDG. K	PERFORMING ARTS	18415 SF	38091, 02-106408	VB, 1 STORY	
BLDG. L	ADMINISTRATION	9852 SF	38091, 02-106408	VB, 1 STORY	
BLDG. M	CAFETERIA	16571 SF	38091, 02-106408	VB, 1 STORY	
BLDG. N	GYMNASIUM	40323 SF	38091, 02-106408	VB, 1 STORY	
BLDG. O	LIBRARY	10980 SF	38091, 02-106408	VB, 1 STORY	
BLDG. P	RESTROOMS	1120 SF	40213	VB, 1 STORY	
BLDG. S	CLASSROOMS	10596 SF	02-109521	VB, 1 STORY	
BLDG. T1	CLASSROOMS	8175 SF	02-117806	VB, 2 STORY	Yes
BLDG. T2	CLASSROOMS	4802 SF	02-117806	VB, 2 STORY	Yes
BLDG. U	GYMNASIUM	19999 SF	02-117806	VB, 1 STORY	Yes

SITE LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING BUILDING (NOT IN SCOPE)
- EXISTING LANDSCAPE
- EXISTING ALL WEATHER SURFACE
- EXISTING ARTIFICIAL TURF
- EXISTING FIRE LANE SERVING PROJECT (DSA 02-117806)
- SITE LIGHTING, S.E.D.
- STADIUM LIGHTING
- NEW TREE, SEE LANDSCAPE PLANS
- CHAIN LINK FENCE
- NEW NATURAL GRASS/ TURF
- NEW CONCRETE
- NEW LANDSCAPE
- NEW DIRT/ WARNING TRACK
- NEW "GREEN" ARTIFICIAL TURF
- NEW "BROWN" ARTIFICIAL TURF
- NEW "PURPLE ARTIFICIAL TURF
- NEW "YELLOW" ARTIFICIAL TURF

3/17/2025 10:06:40 AM

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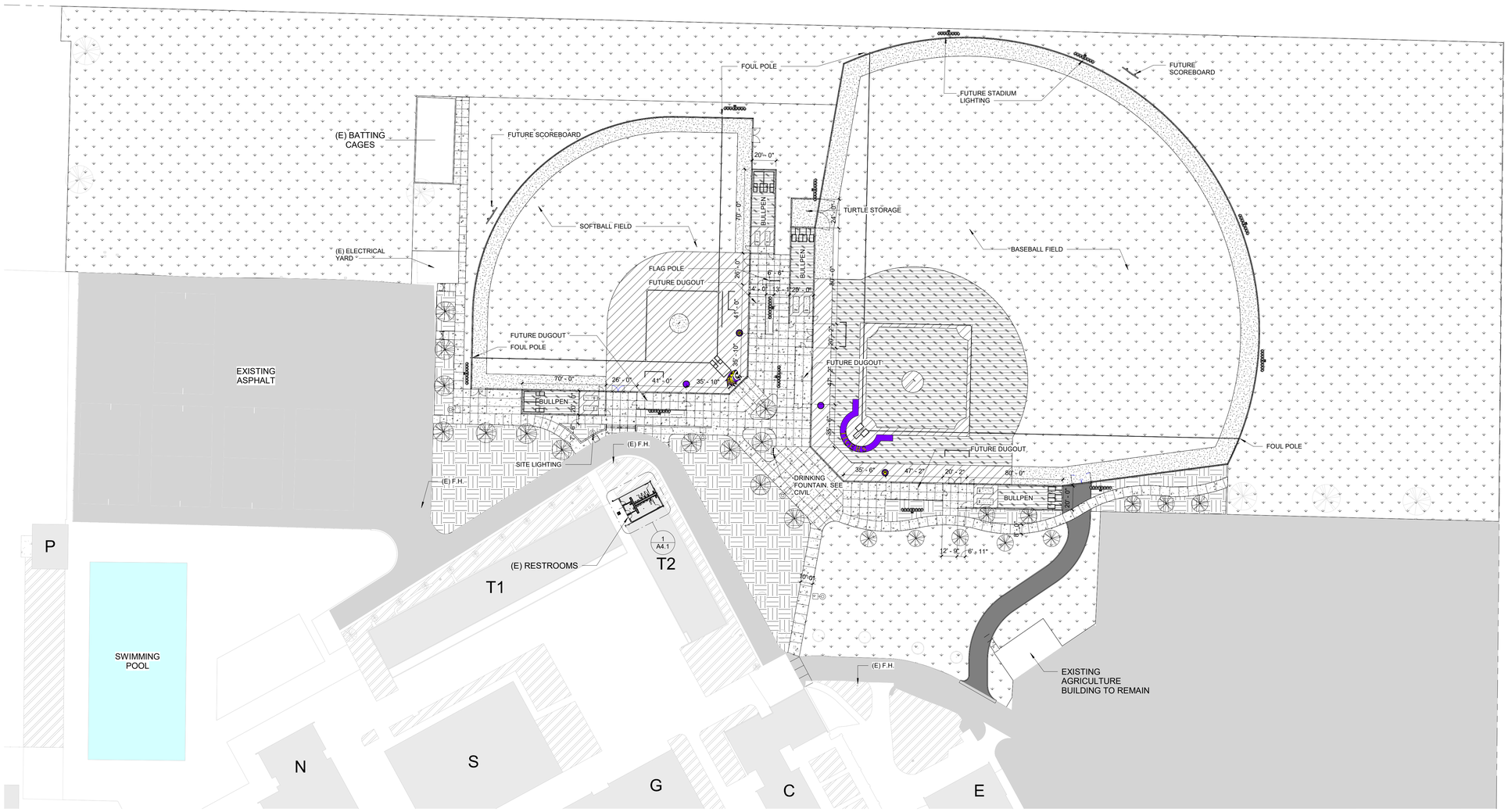
SITE PLAN-EXISTING

A1.1



1 PROPOSED SITE PLAN - ENLARGED
1" = 40'-0"

SITE LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING BUILDING (NOT IN SCOPE)
- EXISTING LANDSCAPE
- EXISTING ALL WEATHER SURFACE
- EXISTING ARTIFICIAL TURF
- EXISTING FIRE LANE SERVING PROJECT (DSA 02-117806)
- SITE LIGHTING, S.E.D.
- STADIUM LIGHTING
- NEW TREE, SEE LANDSCAPE PLANS
- CHAIN LINK FENCE
- NEW NATURAL GRASS/ TURF
- NEW CONCRETE
- NEW LANDSCAPE
- NEW DIRT/ WARNING TRACK
- NEW "GREEN" ARTIFICIAL TURF
- NEW "BROWN" ARTIFICIAL TURF
- NEW "PURPLE ARTIFICIAL TURF
- NEW "YELLOW" ARTIFICIAL TURF

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ISSUE DATE: 03/25/25
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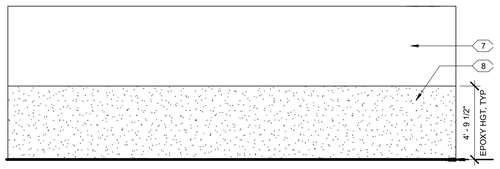
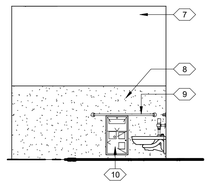
ENLARGED PROPOSED SITE PLAN

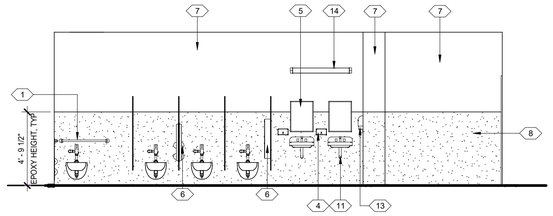
A1.2



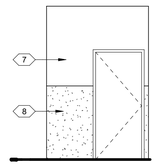
2 112 - GIRLS RESTROOM-NORTH
1/4" = 1'-0"



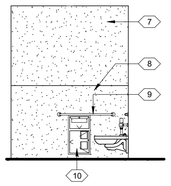
3 112 - GIRLS RESTROOM-EAST
1/4" = 1'-0"



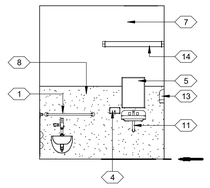
4 112 - GIRLS RESTROOM-SOUTH
1/4" = 1'-0"



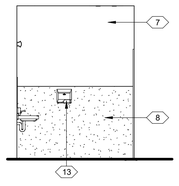
5 112 - GIRLS RESTROOM-WEST
1/4" = 1'-0"



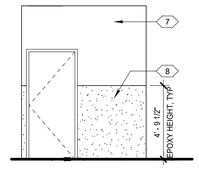
6 113 - NON-GENDER RESTROOM-NORTH
1/4" = 1'-0"



7 113 - NON-GENDER RESTROOM-EAST
1/4" = 1'-0"



8 113 - NON-GENDER RESTROOM-SOUTH
1/4" = 1'-0"



9 113 - NON-GENDER RESTROOM-WEST
1/4" = 1'-0"

KEYNOTE LEGEND

1	GRAB BAR, 36"
2	TOILET PARTITION
3	URINAL SCREEN
4	LIQUID-SOAP DISPENSER
5	MIRROR UNIT
6	PARTITION MOUNTED COMBINATION DISPENSER
7	PAINT FINISH
8	EPOXY WALL COATING OVER CEMENTITIOUS BACKER BOARD
9	GRAB BAR, 48"
10	RECESSED WALL MOUNTED COMBINATION DISPENSER
11	INSULATE PIPING BELOW LAVATORY
12	ACCESSIBLE URINAL, 17" MAX LIP HEIGHT
13	WARM-AIR HAND DRYER
14	WALL-MOUNTED LIGHT FIXTURE

A. REFER TO SHEET A611 - ROOM FINISH SCHEDULE FOR INTERIOR FINISHES NOT SHOWN ON ELEVATIONS.

B. CASEWORK IDENTIFIERS REFER TO WOODWORK INSTITUTE (WI) CABINET DESIGN SERIES NUMBERS. CONSTRUCT CASEWORK IN ACCORDANCE WITH WOODWORK INSTITUTE STANDARDS.

C. REFER TO SHEET AD821 - CABINET ATTACHMENT DETAILS FOR DETAILS OF CASEWORK ATTACHMENT AND CUSTOM CASEWORK NOT ASSIGNED A WOODWORK INSTITUTE CABINET DESIGN SERIES NUMBER.

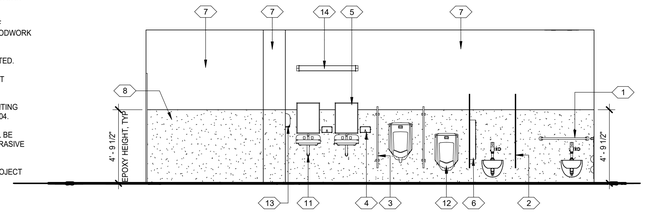
D. FIELD PAINT ALL EXPOSED CONDUITS AND PIPES UNLESS OTHERWIDE NOTED.

E. REFER TO AD811 - ACCESSIBLE FIXTURE DETAILS FOR FIXTURE AND TOILET ACCESSORY MOUNTING HEIGHTS AND DIMENSIONS.

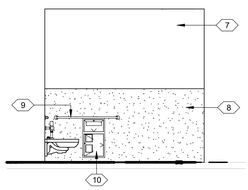
F. PROVIDE WALL BLOCKING AT ALL TOILET FIXTURE AND ACCESSORY MOUNTING LOCATIONS. REFER TO TYPICAL BACKING AND BLOCKING DETAILS ON AD704.

G. WATER SUPPLY AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES, TYP.

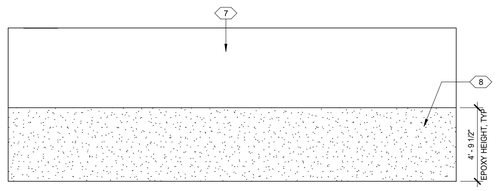
H. ALL OWNER FURNISHED, OWNER INSTALLED (OFOI) ITEMS ARE NOT TO PROJECT MORE THAN 4 INCHES IF LOCATED BETWEEN 27"-80" PER CBC 11B-307.2.



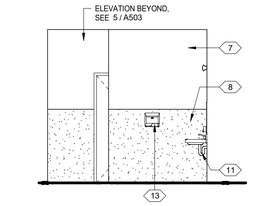
10 114 - MENS RESTROOM-NORTH
1/4" = 1'-0"



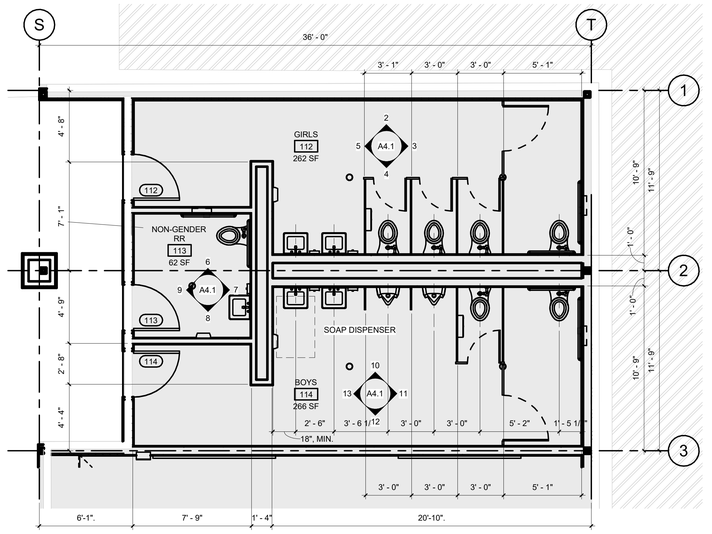
11 114 - MENS RESTROOM-EAST
1/4" = 1'-0"



12 114 - MENS RESTROOM-SOUTH
1/4" = 1'-0"



13 114 - MENS RESTROOM-WEST
1/4" = 1'-0"



T2

1 EXISTING ACCESSIBLE RESTROOM PLANS DSA 02-117806
1/4" = 1'-0"

3/17/2025 10:06:53 AM

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STATE OF CALIFORNIA

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ATHLETIC FIELDS
IMPROVEMENTS

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ISSUE SET: CD
ISSUE DATE: 03/25/25
DRAWN BY: HVD

EXISTING
ENLARGED
RESTROOM PLANS
AND INTERIOR
ELEVATIONS

A4.1

GENERAL NOTES:

1. READ THE COMPLETE SPECIFICATIONS, CONTRACT DOCUMENTS AND COMPLY WITH EACH REQUIREMENTS.
2. THE COMPLETE ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE N.E.C., AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.
3. THE CONTRACTOR SHALL BE LICENSED BY THE STATE OF CALIFORNIA C-10 AND SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. MATERIALS AND EQUIPMENT SHALL BE U.L. LISTED AND LABELED FOR THE APPLICATION.
4. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTION FEES REQUIRED BY THIS CONTRACT WORK.
5. PRIOR TO SUBMITTING A BID THE CONTRACTOR SHALL VISIT THE SITE. REVIEW THE EXISTING CONDITIONS AND ALLOW FOR LABOR, MATERIAL AND COORDINATION THAT IS NECESSARY TO PROVIDE A COMPLETE INSTALLATION OF EACH SYSTEM. THE CONTRACTOR SHALL OBTAIN AND BE FAMILIAR WITH ALL OTHER TRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK NOTED AND CALLED OUT ON ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN OTHER TRADES ON PROJECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY, PERSONAL, PROPERTY DAMAGE, TO FULLY PROTECT THE OWNER, ARCHITECT AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS WORK.
7. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL AT THE CONCLUSION OF THE PROJECT PROVIDE ACCURATE "AS-BUILT" DRAWINGS. "AS-BUILT" DRAWINGS SHALL SHOW ACTUAL CHANGES TO ORIGINAL ELECTRICAL DRAWING, SHOW LOCATIONS OF PULLBOXES, CONDUIT RUNS AND WIRING CHANGES.
8. ALL MATERIALS PROVIDED TO THE PROJECT SHALL BE UL OR CSA LISTED AND SHALL BE NEMA. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL INCIDENTAL MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.
9. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED "CUTTING, PATCHING, EXCAVATION, BACKFILL AND REPAIRS" NECESSARY TO RESTORE DAMAGED SURFACES TO EQUAL OR BETTER THAN ORIGINAL CONDITIONS EXISTING AT START OF WORK. THE CONTRACTOR SHALL CONTACT "UNDERGROUND SERVICES ALERT" FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF UNDERGROUND WORK.
10. NOT USED.
11. ALL ELECTRICAL EQUIPMENT INSTALLED OUTDOORS SHALL BE WEATHERPROOF. EXTERIOR CONDUITS RUN INTO BUILDINGS SHALL BE INSTALLED WITH FLASHING, CAULKED AND SEALED. CONDUITS FOR EXTERIOR ELECTRICAL DEVICES SHALL BE RUN INSIDE BUILDING UNLESS OTHERWISE NOTED ON DRAWINGS. ALL EXTERIOR CONDUITS SHALL BE "RSG" UNLESS OTHERWISE NOTED ON DRAWINGS.
12. ALL CONDUITS UNLESS OTHERWISE NOTED ON DRAWINGS SHALL HAVE AS A MINIMUM, TWO (2) #12'S WITH ONE (1) #12 GROUND. "TICK" MARKS SHOWN ON CIRCUITRY ARE FOR "ROUGH" ESTIMATING ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRES AND WIRE SIZES REQUIRED BY LATEST CODE.
13. COORDINATE ALL CONDUIT RUNS, ELECTRICAL EQUIPMENT AND PANELS WITH ALL OTHER WORK TO AVOID CONFLICTS.
14. ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING HAS BEEN SELECTED BASED ON DIMENSIONS TO FIT THE SPACE, THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT DIMENSIONS PRIOR TO ORDERING OF THE EQUIPMENT.
15. CONTRACTOR SHALL REVIEW EQUIPMENT REQUIREMENTS OF OTHER TRADES AND PROVIDE POWER CIRCUITS AND CONNECTIONS TO ELECTRICALLY OPERATED EQUIPMENT.
16. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF UNDERGROUND POWER AND TELEPHONE SERVICES FROM SERVING UTILITIES. FIELD ADJUSTMENTS MAY BE REQUIRED IN INDIVIDUAL SERVICE LOCATIONS.
17. THE CONTRACTOR SHALL CONTACT "UNDERGROUND SERVICES ALERT" FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF UNDERGROUND WORK.
18. NEW DUCT ROUTES ARE APPROXIMATE ONLY AND MAY BE ADJUSTED IN THE FIELD TO CLEAR OTHER UNDERGROUND UTILITIES. PROVIDE AS-BUILT DRAWINGS TO INDICATE ACTUAL LOCATION OF CONDUIT ROUTING.
19. EFFECTIVELY BOND ELECTRICAL CABINETS, ENCLOSURES AND CONDUIT RACEWAYS TO CODE APPROVED GROUND AS PART OF THE CONTINUOUS GROUNDING SYSTEM.
20. FROM ALL NEW PANELS; THE CONTRACTOR SHALL STUB UP INTO ACCESSIBLE CEILING SPACE A MINIMUM OF FOUR (4) 3/4" CONDUITS FOR FUTURE USE.
21. UTILITY SERVICE WORK SHALL BE IN ACCORDANCE WITH THE SERVING UTILITY COMPANY'S RULES, REGULATIONS AND STANDARDS, AND SHALL BE VERIFIED WITH UTILITY COMPANY'S ENGINEERING DRAWINGS AND FIELD SUPERVISOR PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF UNDERGROUND POWER, CATV AND TELEPHONE SERVICES FROM SERVING UTILITIES. FIELD ADJUSTMENTS MAY BE REQUIRED IN INDIVIDUAL SERVICE LOCATIONS. THE CONTRACTOR SHALL REMAIN IN CONTACT WITH UTILITY COMPANY ENGINEERING DEPARTMENTS THROUGHOUT PROJECT TO INSURE COORDINATION AND SCHEDULING OF WORK.
22. THE CONTRACTOR SHALL PROVIDE IN EVERY CONDUIT A DRAW STRING FOR USE IN FUTURE CONSTRUCTION. STRING SHALL BE NYLON PULLSTRING ROPE/STRING.
23. POWER FEEDERS MAY NOT BE SHOWN ON THE DRAWINGS, REFER TO THE SINGLE LINE DIAGRAM FOR CONDUIT AND FEEDER INFORMATION. ALL DRAWINGS ARE DIAGRAMMATIC INDICATING LOCATION OR POSITION OF EQUIPMENT. FIELD VERIFY CONDITIONS PRIOR TO INSTALLATION OF ANY WORK.
24. MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR SIZING, CIRCUIT BREAKER OR FUSE PROTECTION OF ELECTRICALLY OPERATED EQUIPMENT MAY DIFFER FROM THOSE INDICATED ON DRAWINGS. CONTRACTOR SHALL CONFIRM RATINGS PRIOR TO ORDERING EQUIPMENT. PROVIDE ELECTRICAL PROTECTION TO EQUIPMENT IN ACCORDANCE TO MANUFACTURER'S SPECIFICATIONS AND PER NATIONAL ELECTRICAL CODE REQUIREMENTS.
25. PROVIDE SEISMIC BRACING FOR ALL PENDANT LIGHT FIXTURES, FREESTANDING ELECTRICAL DISTRIBUTION EQUIPMENT, MOTOR CONTROL CENTERS ETC, AND CONDUIT RACKS PER SEISMIC CRITERIA 2019 CBC REQUIREMENTS INCLUDING ENGINEERED LOAD CALCULATIONS COMPLETE WITH SWAY BRACING CRITERIA.
26. DO NOT SUBSTITUTE SPECIFIED MATERIAL OR EQUIPMENT WITHOUT FIRST OBTAINING APPROVAL FROM THE OWNER OR HIS REPRESENTATIVE.
27. ALL SPACES ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARES AND BUSSING FOR FUTURE BREAKER OR SWITCH.
28. ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2023 NATIONAL ELECTRICAL CODE AS AMENDED BY THE 2022 CALIFORNIA ELECTRICAL CODE.
29. SPLICE GROUND WIRE INSIDE ALL METAL ELECTRICAL PULL BOXES AND BOND TO METAL COVER WITH #6 CU GND.

SYMBOL LIST:

- PLAN, DETAIL OR SECTION DESIGNATION.
- ROOM NUMBER.
- SHEET REFERENCE SYMBOL - SEE ASSOCIATED NOTE ON SAME SHEET.
- FEEDER SCHEDULE SYMBOL.
- MECHANICAL EQUIPMENT TAG.
- INDICATES FIXTURE TYPE

LUMINAIRE SYMBOLS

- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE WALL MOUNTED-SEE SCHEDULE.
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EM — EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE WALL MOUNTED- PROVIDE EMERGENCY BATTERY BALLAST
- EXIT LIGHT SINGLE FACE - SEE SCHEDULE.
- EXIT LIGHT SINGLE FACE (WITH ARROW)- SEE SCHEDULE.
- EXIT LIGHT (DOUBLE FACED WITH ARROW)- SEE SCHEDULE.
- COMBO EMERGENCY LIGHT/ EXIT LIGHT SINGLE FACE - SEE SCHEDULE.
- EMERGENCY BATTERY PACK EXIT LIGHT INSTALL AS DIRECTED.

TYPICAL LUMINAIRE NOMENCLATURE

3a — INDICATES SWITCHING DESIGNATION
└ INDICATES CIRCUIT NUMBER

SWITCH SYMBOLS

- SINGLE POLE SWITCH, + 48" AFF UON.
- S_a — SINGLE POLE SWITCH, + 48" AFF UON, a = CIRCUIT CONTROLLED.
- S_3 — THREE WAY SWITCH + 48" AFF UON.
- S_4 — FOUR WAY SWITCH + 48" AFF UON.
- MOTOR RATED SWITCH
- OCCUPANCY SENSOR
- OCCUPANCY SENSOR POWER PACK

RECEPTACLE SYMBOLS

- CONVENIENCE RECEPTACLE - DUPLEX AT + 18" AFF UON.
- GFCI CONVENIENCE RECEPTACLE - DUPLEX.
- RECEPTACLE DOUBLE DUPLEX AT + 18" AFF UON.
- SINGLE RECEPTACLE - NEMA 5-20R UON, AT + 18" AFF UON.
- SINGLE RECEPTACLE - NEMA L21 - 208 VOLT, THREE PHASE, 5 WIRE, AT + 18" AFF UON.
- FLOOR BOX WITH CONVENIENCE RECEPTACLE, TELEPHONE AND DATA OUTLET.
- FLUSH FLOOR BOX WITH SINGLE CONVENIENCE RECEPTACLE.
- WIRE RACEWAY, INSTALL AT + 36" AFF UON.

POWER DISTRIBUTION SYMBOLS

- PANELBOARD - SURFACE OR FLUSH MOUNTED.
- JUNCTION BOX - CEILING OR WALL MOUNTED, SIZE TO CODE, TAPE AND TAG WIRES. PROVIDE FLEX AND/OR RECEPTACLE AS REQUIRED TO CONNECT EQUIPMENT.
- DISTRIBUTION PANEL
- MOTOR
- 30 — COMBINATION MAGNETIC STARTER FUSED DISCONNECT SWITCH. RATING AS INDICATED.
- 60 — UNFUSED DISCONNECT SWITCH - RATING AS INDICATED.
- 100 — FUSED DISCONNECT SWITCH - SIZE FUSES PER MOTOR MANUFACTURER'S RECOMMENDATIONS. RATING AS INDICATED.
- MAGNETIC STARTER - NEMA SIZE INDICATED.
- TRANSFORMER - SEE SINGLE LINE FOR SIZE.
- GROUND ROD.

WIRING & CONDUIT RUN SYMBOLS

- CONDUIT - CONCEALED IN WALLS OR CEILING.
- CONDUIT - EXPOSED.
- CONDUIT - IN OR BELOW FLOOR: lg3lw/lg4la"MIN.
- #10 — CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC., RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AWG WIRES. CROSSHATCH WITH SUBSCRIPT "G" INDICATES GREEN GROUND WIRE. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSSHATCHES WITH "#10" INDICATES WIRE SIZE OTHER THAN #12'S.
- FLEX CONDUIT WITH CONNECTION.
- CONDUIT - STUB UP.
- CONDUIT - STUB DOWN.
- E — CONDUIT EMERGENCY SYSTEM.
- CAPPED CONDUIT.
- CONDUIT CONTINUATION.

POWER DISTRIBUTION SINGLE LINE SYMBOLS

- CIRCUIT BREAKER.
- "PG&E" METER W/ CURRENT TRANSFORMER.
- TRANSFORMER.

ABBREVIATIONS:

A	AMPERE
ABV	ABOVE
AF	AMP FRAME OR AMP FUSE
AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CD	CANDELAS
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CO	CONDUIT ONLY
CTR	CENTER
(D)	DEMOLISH
DET	DETAIL
DIM	DIMENSION
DISTR	DISTRIBUTION
DWG	DRAWING
(E)	EXISTING
EM	EMERGENCY
EQPT	EQUIPMENT
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
(F)	FUTURE
FIN	FINISH
FL	FLOOR
G , GND	GROUND
HGT	HEIGHT
HP	HORSEPOWER
IC	INTERCOM
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
KAIC	KILOAMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LTG	LIGHTING
MCM	THOUSAND CIRCULAR MILS
MDF	MAIN DISTRIBUTION FRAME
MECH	MECHANICAL
MH	MANHOLE
MTD	MOUNTED
MTG	MOUNTING
(N)	NEW
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NIEC	NOT IN ELECTRICAL CONTRACT
NO	NUMBER/ NORMALLY OPEN
NTS	NOT TO SCALE
O.C.	ON CENTER
P	POLE CIRCUIT BREAKER
PA	PUBLIC ADDRESS
PB	PULL BOX
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
(R)	EXISTING TO BE RELOCATED
REQD	REQUIRED
REQT	REQUIREMENT(S)
RM	ROOM
RSC	RIGID STEEL CONDUIT
SHT	SHEET
SW	SWITCH
SWBD	SWITCHBOARD
TC	TERMINAL CABINET
TEL	TELEPHONE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLT
W	WATT
WP	WEATHERPROOF
XFMR	TRANSFORMER

DRAWING INDEX

SHEET NO.	SHEET TITLE
E0.1A	GENERAL NOTES, SYMBOL LIST, ABBREV.
E1.1A	ELECTRICAL SITE PLAN
E4.1A	ELECTRICAL DETAILS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE LOCATING ALL EXISTING UNDERGROUND SYSTEMS IN AREA OF NEW TRENCHING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGED SYSTEMS TO OWNERS SATISFACTION. EXTREME CARE SHALL BE MAINTAINED DURING TRENCHING AS EXISTING SYSTEMS ARE KNOWN TO EXIST IN AREA. MODIFICATIONS TO EXISTING SYSTEMS MAY BE REQUIRED TO ACCOMMODATE NEW SYSTEM CONFIGURATION AND SHALL BE MADE BY THE CONTRACTOR WITHOUT EXTRA EXPENSE TO THE OWNER THE DRAWINGS AND SPECIFICATIONS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR. EXACT LOCATIONS, DISTANCES AND ELEVATIONS WILL BE GOVERNED BY ACTUAL CONDITIONS. THE CONTRACTOR SHALL EXAMINE THE CONTRACT DOCUMENTS AND FIELD CONDITIONS TO DETERMINE EXACT ROUTING AND FINAL TERMINATIONS FOR ALL NEW WORK.

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GENERAL NOTES, SYMBOL LIST, ABBREV.

E0.1A

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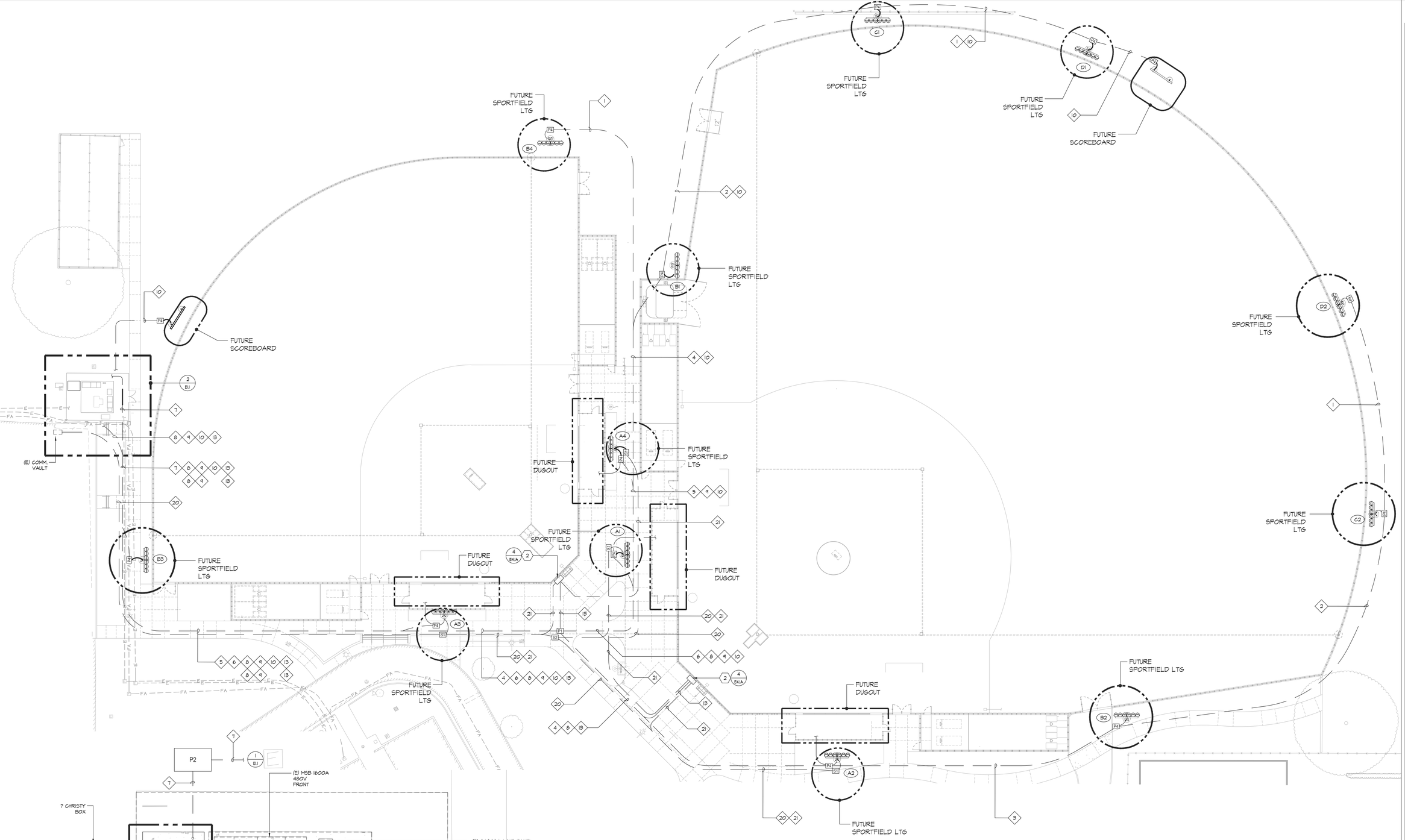

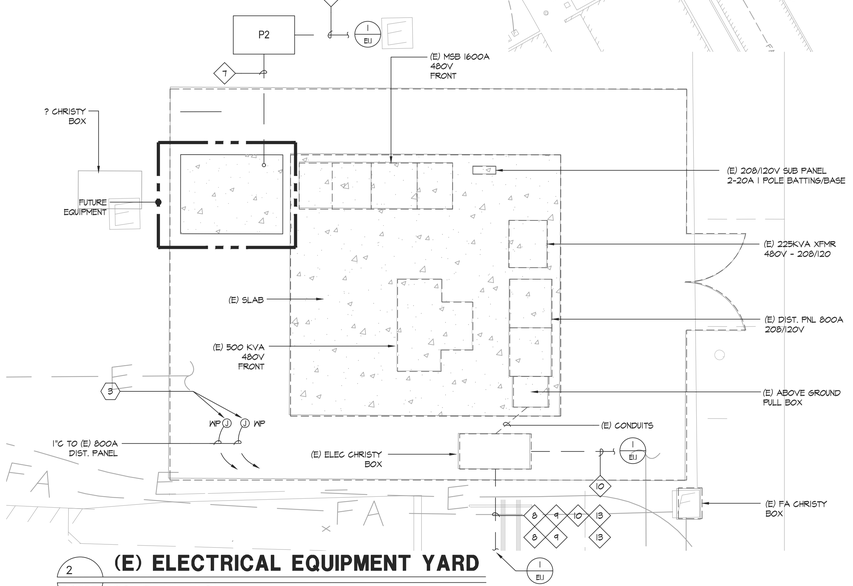

2 (E) ELECTRICAL EQUIPMENT YARD
E1.1A SCALE: 1/4" = 1'-0"

1 ELECTRICAL SITE PLAN
E1.1A SCALE: 1" = 20' - 0"

PULLBOX SCHEDULE:

P1	-	NEW 3'x5' ELECTRIC / LIGHTING PULLBOX WITH TRAFFIC RATED LID. LABEL LID 'LIGHTING'.
P2	-	NEW B3048 ELECTRIC / LIGHTING PULLBOX WITH TRAFFIC RATED LID. LABEL LID 'LIGHTING'.
P3	-	NEW B2436 ELECTRIC / LIGHTING PULLBOX WITH TRAFFIC RATED LID. LABEL LID 'LIGHTING'.
P4	-	NEW B1324 ELECTRIC / LIGHTING PULLBOX WITH TRAFFIC RATED LID. LABEL LID 'LIGHTING'.
P5	-	NEW B1017 ELECTRIC / LIGHTING PULLBOX WITH TRAFFIC RATED LID. LABEL LID 'LIGHTING'.
S1	-	NEW B1324 SIGNAL PULLBOX WITH TRAFFIC RATED LID. LABEL LID 'SIGNAL'.
S2	-	NEW B3048 SIGNAL PULLBOX WITH TRAFFIC RATED LID. LABEL LID 'SIGNAL'.

SHEET NOTES:

1. NOT USED.
2. NEMA-3R STAINLESS STEEL CABINET. HINGE TYPE AND PADLOCKABLE. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
3. PROVIDE 120V DEDICATED POWER FOR IRRIGATION CONTROL. COORDINATE EXACT LOCATION WITH ARCHITECT.

CONDUIT SCHEDULE:

LIGHTING SYSTEMS

1. (1) 2"GO - SPORT FIELD LTG
2. (2) 2"GO - SPORT FIELD LTG
3. (3) 2"GO - SPORT FIELD LTG
4. (4) 2"GO - SPORT FIELD LTG
5. (5) 2"GO - SPORT FIELD LTG
6. (6) 2"GO - SPORT FIELD LTG
7. (12) 2"GO - SPORT FIELD LTG
8. 2"GO - DUGOUT REC - BB
9. 2"GO - DUGOUT REC - SB
10. 2"GO - SCOREBOARD
11. 2-1/2"GO - 225A DIST. PNL
12. 3-1/2"GO - 400A DIST. PNL
13. 2"GO - BACKSTOP

COMMUNICATION SYSTEMS

20. 2"GO - FUTURE CAMERA
21. 2"GO - FUTURE SPEAKER

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ELECTRICAL SITE PLAN

E1.1A

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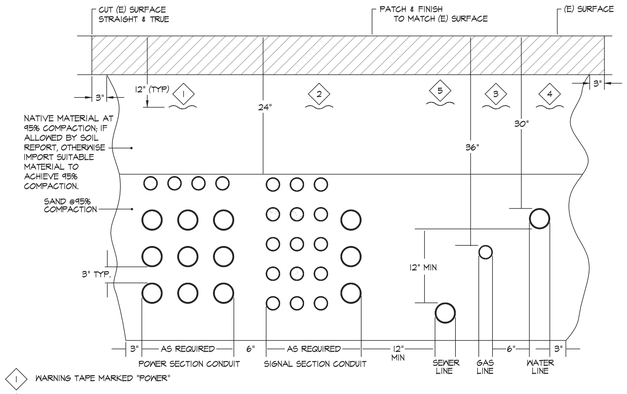
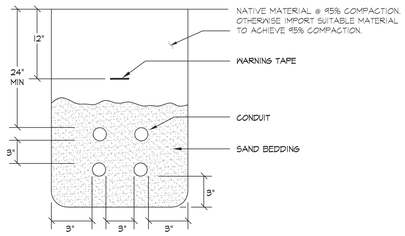


NOTES:

1. ALL ELECTRICAL TRENCH WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
2. MINIMUM SPACING BETWEEN CONDUITS IS 3".
3. SEE SITE/FLOOR PLANS AND SPECIFICATIONS FOR CONDUIT REQUIREMENTS.
4. COORDINATE WITH LANDSCAPE ARCHITECT TRENCH DETAILS WITHIN CHEMICALLY TREATED AREAS.

1 TYPICAL JOINT TRENCH & DUCT BANK DETAIL

E4.1A NOT TO SCALE

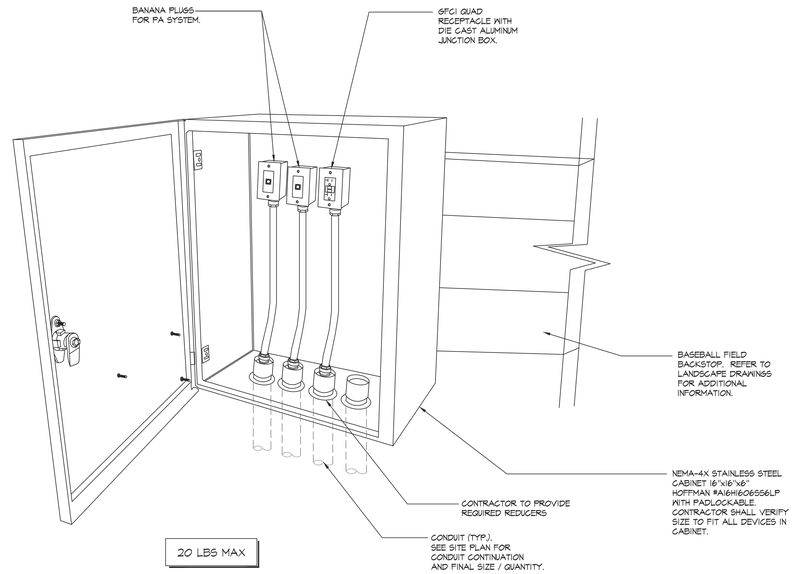


NOTES:

1. COORDINATE WITH LANDSCAPE ARCHITECT TRENCH DETAILS WITHIN CHEMICALLY TREATED AREAS.

3 TYPICAL TRENCH DETAIL

E4.1A NOT TO SCALE



4 NEMA 3R STAINLESS STEEL CABINET FOR PA/RACK

E4.1A NOT TO SCALE

(CABINET EXEMPT FROM CBC 1617.11.15 ASCE 7 SEC 13.1.4)

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ELECTRICAL DETAILS

E4.1A