MODERNIZATION
LAKEWOOD ELEMENTARY SCHOOL
1100 N. HAM LANE
LODI, CA 95242

LIMITED PROJECT SCOPE DESCRIPTION

THE PROJECT SCOPE INTENDED TO BE DESCRIBED IN THESE DRAWINGS INCLUDES CONSTRUCTION OF:

1. REMOVAL AND REPLACEMENT OF WALKWAYS AROUND CLASSROOMS AND INSIDE QUAD AS INDICATED.
2. UNDERCUTTING OF DOORS & INSTALLATION OF (N) DOOR BOTTOMS & THRESHOLDS AT NEW WALKWAYS.
3. ASPHALT GRINDING, OVERLAY, SEALING AND STRIPING OF (E) HARDCOURTS WHERE INDICATED.

THE MODERNIZATION WORK FOR THE REMAINDER OF THE PROJECT WILL BE BID AND CONSTRUCTED AT A LATER DATE.

ABBREVIATIONS

&	And	E.	East	K.P.	Kickplate	S.	South
L	Angle	(E)/EXST.	Existing	KIT.	Kitchen	S.D.	Soap Dispenser
@	At	EA.	Each				
℄	Centerline	E.J.	Expansion Joint	LAM.	Laminate	SECT.	Section
Ø	Diameter	EL.	Elevation	LAV.	Lavatory	SHR.	Shower
⊥	Perpendicular	ELEC.	Electrical	LKR.	Locker	SHT.	Sheet
#	Pound or Number	EMER.	Emergency	LT.WT.	Light Weight	SHTG.	Sheeting
℄	Plate	ENCL.	Enclosure	L.V.	Louver Vent	SIM.	Similar
		EQ.	Equal			S.M.	Sheet Metal
A.C.	Asphalt Concrete	EQPT.	Equipment	MAX.	Maximum	S.M.S.	Sheet Metal Screw
ACOUS.	Acoustical	E.W.C.	Electric Water Cooler	M.B.	Machine Bolt	S.N.D.	Sanitary Napkin Dispenser
A.D.	Area Drain	EXP.	Expansion	MAT'L.	Material	S.N.R.	Sanitary Napkin Receptacle
ADJ.	Adjustable	EXT.	Exterior	MECH.	Mechanical	SPEC.	Specification
A.F.F.	Above Finished Floor			MEMB.	Membrane	SQ.	Square
AGGR.	Aggregate	F.A.	Fire Alarm	MEZZ.	Mezzanine	S.R.V.	Semi Rigid Vinyl
ALUM./AL.	Aluminum	F.B.	Fiberboard	MFR.	Manufacturer	S.SK.	Service Sink
ARCH.	Architectural	F.D.	Floor Drain	MH.	Manhole	SST	Stainless Steel
ASPH.	Asphalt	FDN.	Foundation	MIN.	Minimum	ST.	Street
AUTO.	Automatic	F.E.	Fire Extinguisher	MIR.	Mirror	STD.	Standard
A.V.	Auto Visual	F.F.E.	Finish Floor Elevation	MISC.	Miscellaneous	STL.	Steel
		F.H.M.B.	Flat Head Machine Bolt	MTD.	Mounted	STOR.	Storage
B	Bolt	F.H.M.S.	Flat Head Machine Screw	MET.	Metal	STRL.	Structural
BD.	Board	FIN.	Finish			SUSP.	Suspended
BLDG.	Building	FL.	Floor	(N)	New	SYM.	Symmetrical
BLK.	Block	F.L.	Fusible Link	N.	North	SHT.VNL.	Sheet Vinyl
BLKG.	Blocking	FLASH'G	Flashing	N.I.C.	Not in Contract		
BM.	Beam	F.O.C.	Face of Concrete/Curb	NO./#	Number	T.	Toilet
BOT.	Bottom	F.O.F.	Face of Finish	NOM.	Nominal	TB.	Tackboard
B.S.	Both Sides	F.O.S.	Face of Studs	N.T.S.	Not to Scale	T.B.	Towel Bar
		F.R.P.	Fiberglass Reinforced Plastic			T.&G.	Tongue & Groove
CAB.	Cabinet	F.S.	Full Size	O/	Over	TEL.	Telephone
C.B.	Catch Basin	FT.	Foot/Feet	O.A.	Overall	THK.	Thick
CB.	Chalkboard	FTG.	Footing	OBS.	Obscure	THRES.	Threshold
CEM.	Cement	FURR.	Furring	O.C.	On Center	THRU.	Through
CER.	Ceramic	FUT.	Future	O.D.	Outside Diameter	T.O.C.	Top of Curb
C.G.	Corner Guard			O.H.	Opposite Hand	T.O.P.	Top of Pavement
C.I.	Cast Iron	GA.	Gauge	OFF.	Office	T.O.W.	Top of Wall
C.J.	Construction Join/Control Joint	GALV.	Galvanized			T.P.D.	Toilet Paper Dispenser
C.L.	Chain Link	G.B.	Grab Bar	PRCST.	Precast	TYP.	Typical
CLG.	Ceiling	GL.	Glass/Glazing	PERF.	Perforated		
CLKG.	Calking	GND.	Ground	P.LAM.	Plastic Laminate	U.O.N.	Unless Otherwise Noted
CLR.	Clear	GR.	Grade	PLAS.	Plaster	UR.	Urinal
C.M.P.	Corrugated Metal Pipe	GYP.	Gypsum	PLYWD.	Plywood		
C.M.U.	Concrete Masonry Unit	G.I.	Galvanized Iron	P.M.	Pressed Metal	V.C.T.	Vinyl Composition Tile
CNTR.	Counter	G.S.M.	Galvanized Sheet Metal	P.M.F.	Pressed Metal Frame	VERT.	Vertical
COL.	Column	GYP.	Gypsum	PR.	Pair	V.F.	Vinyl Fabric
CONC.	Concrete	GYP.BD.	Gypsum Board	P.O.T.	Path of Travel		
CONN.	Connection			PRE-FAB	Prefabricated	W.	West W/ With
CONSTR.	Construction	HDR.	Header	PROJ.	Project	W.C.	Water Closet
CONT.	Continuous	HDWD.	Hardwood	P.T.D.	Paper Towel Dispenser	WD.	Wood
CORR.	Corridor	HDW.	Hardware	P.T.D./R.	Paper Towel Dispenser Receptacle	W.H.	Water Heater
		HOR.	Horizontal	PTN.	Partition	W/O	Without
d	Pennyweight (Nails)	H.B.	Hose Bib	P.T.R.	Paper Towel Receptacle	WSCT.	Wainscot
D.G.	Disabled Accessible	HR.	Hour (Fire Rating)			W.W.M.	Welded Wire Mesh
DBL.	Double	HGT.	Height	R.	Riser	WDW.	Window
DET.	Detail			RAD.	Radius	WT.	Weight
D.F.	Drinking Fountain	I.D.	Inside Diameter	R.B.	Rubber Base		
D.I.	Drain Inlet	IN.	Inch	R.D.	Roof Drain	YD.	Yard
DIA.	Diameter	INFO.	Information	R.E.	Rim Elevation		
DIM.	Dimension	INSUL.	Insulation	REFR.	Refrigerator		
DIM.PT.	Dimension Point	INT.	Interior	RGTR.	Register		
DN.	Down			REINF.	Reinforced		
DP.	Deep	JAN.	Janitor	REQ.	Required		
D.P.	Damp Proofing	JST.	Joist	RET.	Return		
DR.	Door	JT.	Joint	RM.	Room		
D.S.	Downspout			R.O.	Rough Opening		
DWG.	Drawing			RWD.	Redwood		
				R.W.L.	Rain Water Leader		
				R.H.W.S.	Round Head Wood Screw		

SYMBOL LEGEND

SHEET NUMBERING SYSTEM
Discipline Designation
Drawing Type Designation
Sheet Number
A2.6.A — Building Designation

ROOM NAME and NUMBER REFERENCE
WOMEN — Room Name
A103 — Room Number / Building Unit

KEYNOTE REFERENCE
2200.A7.05

SHEET NOTE REFERENCE
SN.01

DETAIL REFERENCE
X / AXXX — Detail Number / Sheet Number

BUILDING SECTION REFERENCE
X / AXXX — Section Number / Sheet Number

STOREFRONT, WINDOW OR LOUVER REFERENCE
EA X — Windows Covering Reference
H=HORIZONTAL BLINDS
V=VERTICAL BLINDS
D=DARKENING DRAPES

DOOR REFERENCE
A101

CEILING TYPE REFERENCE
C2

WALL TYPE REFERENCE
C2

EXTERIOR FINISH REFERENCE
A

PAINT COLOR REFERENCE
PC1 (Architect to provide color selection)

STRUCTURAL GRID INDICATOR (Center of Framing)
A

STRUCTURAL GRID INDICATOR (Face of Framing)
3

MATCH LINE

CENTERLINE

PROPERTYLINE

WORK POINT, CONTROL POINT OR DATUM

INTERIOR ELEVATION REFERENCE
4.5 1 1.5 / 4 2 2 / 3.5 A5.1.A 2.5 3
1 — INTERIOR ELEVATION
2 — DETAIL NUMBER
A5.1.A — SHEET NUMBER

WINDOW (PLAN VIEW)

REVISION
Revision Number

RADIUS
Radius Point Number
R=92'-4" (1)
Radius Dimension

CASEWORK REFERENCE
221A L — Indicates all drawers and doors to have locks installed

METAL SHELVING REFERENCE
MS1

LABORATORY CASEWORK REFERENCE
39

MUSIC CASEWORK REFERENCE
39

ACOUSITICAL PANEL REFERENCE
AP1

SIGN REFERENCE
S2

MATERIAL LEGEND

EARTH
GRAVEL/AGGREGATE BASE
SAND OR PLASTER
CONCRETE
BLOCKING
FRAMING (CONTINUOUS)
PLYWOOD
WOOD TRIM
STEEL
TILE
BATT INSULATION
BRICK
GYPSUM BOARD
FIRTEX

APPLICABLE CODES

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
TITLE 24 CCR, PART 1 - 2022 BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24 CCR, PART 2 - 2019 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC)
TITLE 24 CCR, PART 3 - 2019 CALIFORNIA ELECTRICAL CODE (CEC)
TITLE 24 CCR, PART 4 - 2019 CALIFORNIA MECHANICAL CODE (CMC)
TITLE 24 CCR, PART 5 - 2019 CALIFORNIA PLUMBING CODE (CPC)
TITLE 24 CCR, PART 6 - 2019 CALIFORNIA ENERGY CODE (CEC)
TITLE 24 CCR, PART 9 - 2019 CALIFORNIA FIRE CODE (CFC)
TITLE 24 CCR, PART 11 - 2019 CALIFORNIA GREEN BUILDING STDS CODE
TITLE 24 CCR, PART 12 - 2019 CALIFORNIA REFERENCED STANDARDS
2016 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)
2016 NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
2017 NFPA 17, DRY CHEMICAL EXTINGUISHING SYSTEMS
2017 NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS
2016 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2016 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS
2016 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED)
2016 NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVE
2015 NFPA 720, INSTALLATION OF CARBON MONOXIDE DETECTION AND WARNING EQUIPMENT
2015 NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS

CONTRACTOR SHALL KEEP A COPY OF TITLE 24, PARTS 1-5 ON THE SITE AT ALL TIMES.
TITLE 24, PART 1, SECTION 4.317(c):

"THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS A CONSTRUCTION CHANGE DOCUMENT, OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH REPAIR WORK."

NOTES:

1. ALL NEW WORK SHALL CONFORM TO THE 2019 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS.
2. CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN APPROVED SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT AS REQUIRED IN SECTION 4-338, PART 1, CAC, AND SHALL BE SUBMITTED TO AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. ALL CONSTRUCTION CHANGE DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATIONS IA A-6. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24, AND NO WORK SHALL COMMENCE UNTIL APPROVED BY DSA.
3. A DSA 'CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-343, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
4. A DSA CERTIFIED INSPECTOR WITH CLASS 3 IS REQUIRED FOR THIS PROJECT (IR A-7)
5. AN LEA TESTING LABORATORY DIRECTLY EMPLOYED BY THE OWNER SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
6. GRADING PLANS, DRAINAGE IMPROVEMENT, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
7. ADDENDA SHALL BE APPROVED BY DSA.

PROJECT TEAM

OWNER
LODI UNIFIED SCHOOL DISTRICT
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2707 K STREET, SUITE 201
SACRAMENTO, CA 95816
CONTACT: BRYAN WALKER
PHONE: (916) 369-3990
EMAIL: bryan@mtwgroup.com

PROJECT DESCRIPTION

1. PAINTING OF CLASSROOMS & REPLACEMENT OF FLOORING AT BUILDING A, B, C, D AND E.
2. MODERNIZATION OF TOILET ROOMS AT BUILDINGS A, B, C, AND E.
3. D.A. PATH OF TRAVEL WALKWAY REPLACEMENT THROUGHOUT CAMPUS.
4. RECONFIGURATION AND EXPANSION OF EXISTING PARKING LOT.
5. OVERLAY, SEALING AND RESTRIPING OF HARDCOURTS.
6. CONSTRUCTION OF NEW BUS TURNOUT/DROP-OFF.

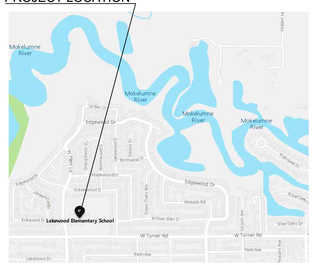
DEFERRED APPROVALS

1. (NONE)

VICINITY MAP

LAKEWOOD ELEMENTARY SCHOOL
1100 N. HAM LANE, LODI, CA 95242

PROJECT LOCATION



SHEET INDEX

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

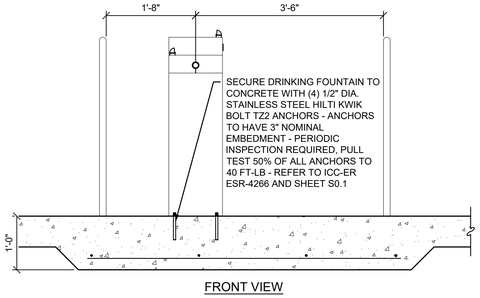
MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

COVER SHEET

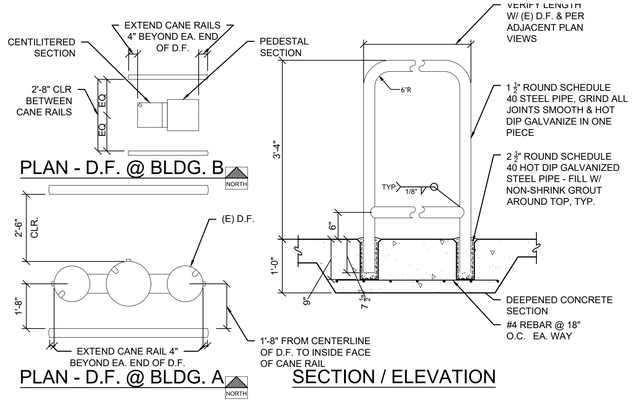
CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE N.T.S.		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.
CS

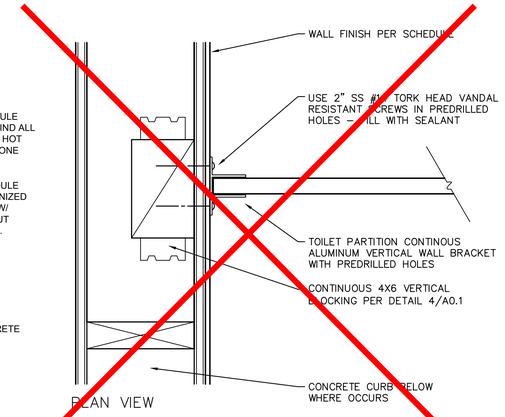


FRONT VIEW



6 CANE RAILS @ D.F.'s

N.T.S.



3 TOILET PARTITION MOUNTING @ WALL

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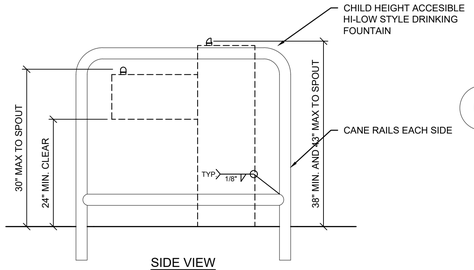
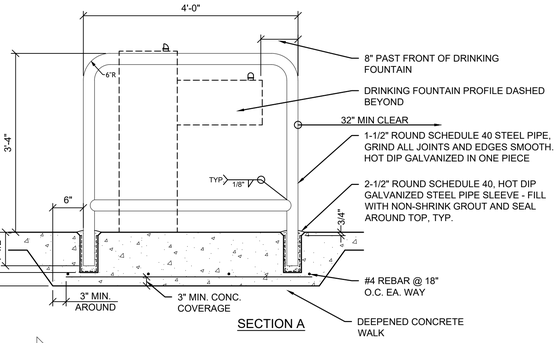
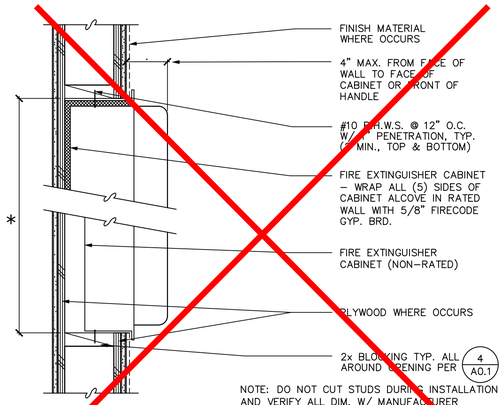


SIDE VIEW

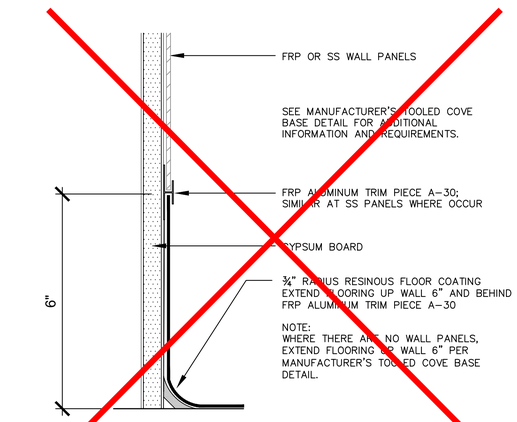


SECTION A



10 RECESSED FIRE EXT. CABINET

N.T.S.



5 RESINOUS FLOOR BASE TO FRP

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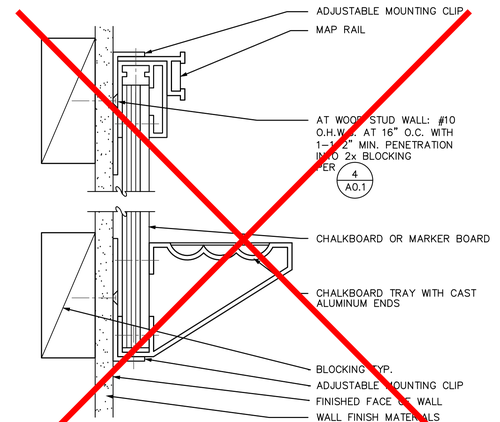
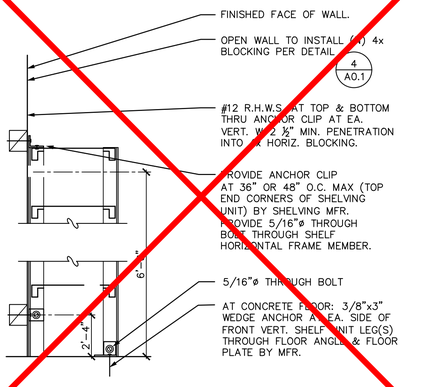


2 MARKER BOARD

N.T.S.



9 METAL SHELVING

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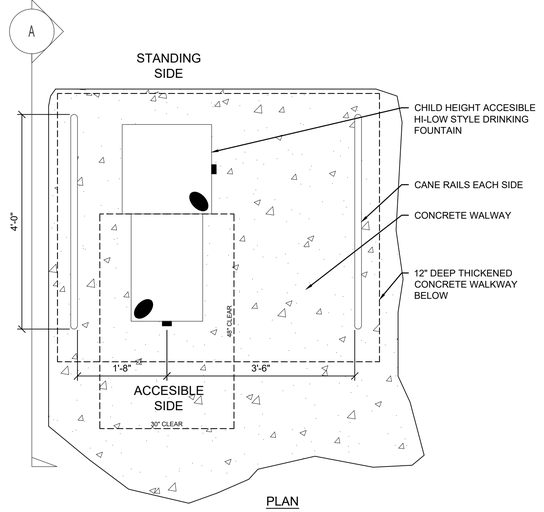
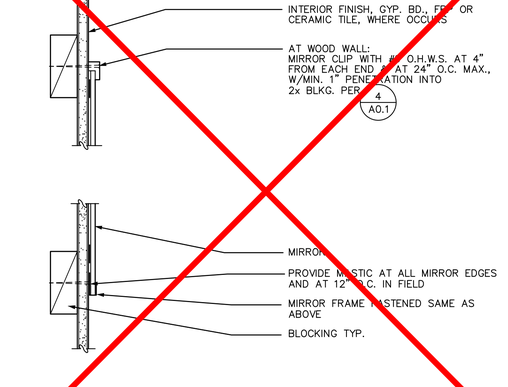


PLAN

7 DRINKING FOUNTAIN & CANE RAILS

N.T.S.



4 MIRROR

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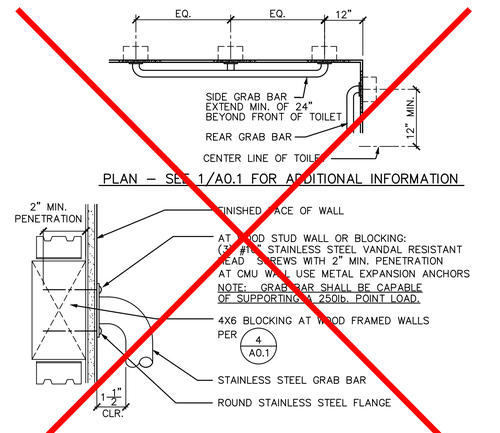

1 TOILET GRAB BAR

N.T.S.

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STEPHEN C. HENRY
C–22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

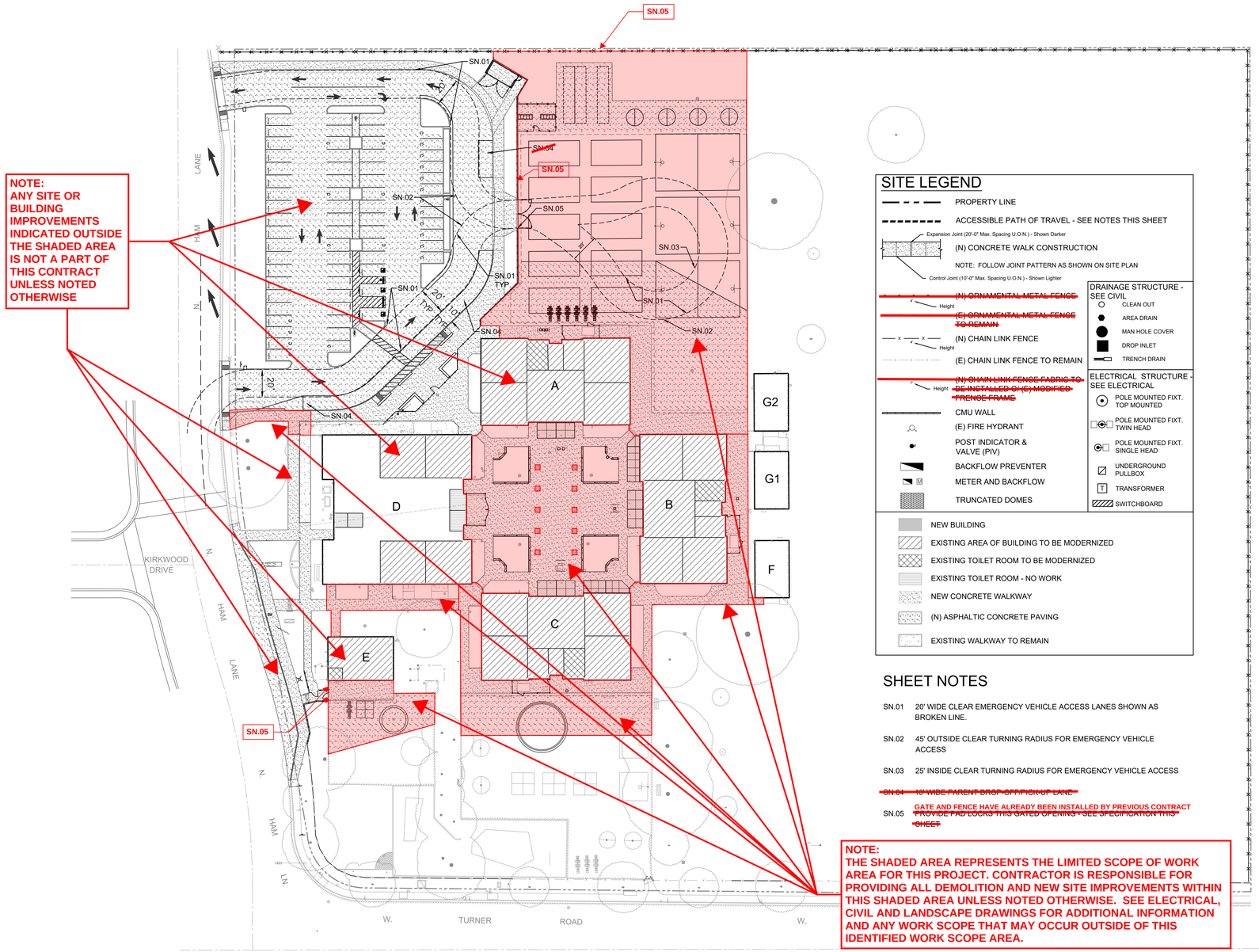
TYPICAL DETAILS

CONSULTANT

PROJECT NO.	REVISIONS	BY
21-32-052		
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE N.T.S.		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A0.2



NOTE:
ANY SITE OR BUILDING IMPROVEMENTS INDICATED OUTSIDE THE SHADED AREA IS NOT A PART OF THIS CONTRACT UNLESS NOTED OTHERWISE

NOTE:
THE SHADED AREA REPRESENTS THE LIMITED SCOPE OF WORK AREA FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL DEMOLITION AND NEW SITE IMPROVEMENTS WITHIN THIS SHADED AREA UNLESS NOTED OTHERWISE. SEE ELECTRICAL, CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION AND ANY WORK SCOPE THAT MAY OCCUR OUTSIDE OF THIS IDENTIFIED WORK SCOPE AREA.

SITE LEGEND

- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET
- Expansion Joint (20'-0" Max. Spacing U.O.N.) - Shown Darker
- (N) CONCRETE WALK CONSTRUCTION
- NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN
- Control Joint (10'-0" Max. Spacing U.O.N.) - Shown Lighter
- ~~(N) ORNAMENTAL METAL FENCE~~
- ~~(E) ORNAMENTAL METAL FENCE TO REMAIN~~
- (N) CHAIN LINK FENCE
- (E) CHAIN LINK FENCE TO REMAIN
- ~~(N) CHAIN LINK FENCE FABRIC TO BE INSTALLED ON (E) MODIFIED TRENCH FRAME~~
- CMU WALL
- (E) FIRE HYDRANT
- POST INDICATOR & VALVE (PIV)
- BACKFLOW PREVENTER
- METER AND BACKFLOW
- TRUNCATED DOMES

DRAINAGE STRUCTURE - SEE CIVIL
- CLEAN OUT
- AREA DRAIN
- MAN HOLE COVER
- DROP INLET
- TRENCH DRAIN

ELECTRICAL STRUCTURE - SEE ELECTRICAL
- POLE MOUNTED FIXT. TOP MOUNTED
- POLE MOUNTED FIXT. TWIN HEAD
- POLE MOUNTED FIXT. SINGLE HEAD
- UNDERGROUND PULLBOX
- TRANSFORMER
- SWITCHBOARD

- NEW BUILDING
- EXISTING AREA OF BUILDING TO BE MODERNIZED
- EXISTING TOILET ROOM TO BE MODERNIZED
- EXISTING TOILET ROOM - NO WORK
- NEW CONCRETE WALKWAY
- (N) ASPHALTIC CONCRETE PAVING
- EXISTING WALKWAY TO REMAIN

SHEET NOTES

SN.01 20' WIDE CLEAR EMERGENCY VEHICLE ACCESS LANES SHOWN AS BROKEN LINE.

SN.02 45' OUTSIDE CLEAR TURNING RADIUS FOR EMERGENCY VEHICLE ACCESS

SN.03 25' INSIDE CLEAR TURNING RADIUS FOR EMERGENCY VEHICLE ACCESS

~~SN.04 18' WIDE PARENT DROP OF PICK-UP LANE~~

SN.05 ~~GATE AND FENCE HAVE ALREADY BEEN INSTALLED BY PREVIOUS CONTRACT PROVIDE PAD LOCKS THIS GATED OPENING - SEE SPECIFICATION THIS SHEET~~

BRAD DOELL, FIRE MARSHAL-LODI FIRE DEPARTMENT REQUESTS THAT KEY BOX MAY BE INSTALLED AND ONLY KNOX PAD LOCKS AS SPECIFIED BELOW ARE PROVIDED.

KEY BOX & PADLOCK SPECIFICATION

~~KEY BOX: KNOX, RESIDENTIAL BOX, MODEL 4802, BLACK. MOUNT TO 6" GATE POST WITH THRU BOLTS AS RECOMMENDED BY MFR. VERIFY ANY SPECIAL MOUNTING WITH SCHOOL DISTRICT, LOCAL FIRE DEPARTMENT AND POLICE.~~

PADLOCK: KNOX, PADLOCK, MODEL 3781, PADLOCK TO BE KEYED PER LOCAL FIRE DEPARTMENT AND POLICE STANDARDS. PROVIDE 2.

1 A1.1.0 FIRE AUTHORITY APPROVAL SITE PLAN

SCALE: 1" = 40'-0" 40' 80'

NORTH

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:	MODERNIZATION LAKEWOOD ES / LAKEWOOD ELEMENTARY SCHOOL
Project Address:	1100 N. HAM LANE, LODI, CA 95242

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: http://egis.fire.ca.gov/FHSZ/	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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.	X			
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			X	
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.			X	
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.			X	
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: Leonard Kahn Title: CBO

Signature: _____ Date: 12/8/2022

LOCAL FIRE AUTHORITY (LFA) INFORMATION			
LFA Agency Name:	CITY OF LODI FIRE DEPARTMENT		
LFA Review Official:	BRAD DOELL		
Title:	BATTALION CHIEF / FIRE MARSHALL	Work Phone:	209-333-6739
Work Email:	bdoell@lodi.gov		

LFA Reviewer's Signature: Brad Doell Date: 12/7/22

LFA STATEMENT OF ALTERNATE MEANS

THE FOLLOWING ALTERNATE MEANS ARE ACCEPTABLE TO THE CITY OF LODI FIRE DEPARTMENT (LFA) AS A WAY TO MITIGATE THE DISTANCES IN EXCESS OF 150' FROM THE HARDCOURT EMERGENCY VEHICLE ACCESS STAGING LOCATION TO BUILDING B, BUILDING C AND BUILDING E:

1. THE LFA CARRIES IN EXCESS OF 1,000 LF OF FIRE HOSE ON THEIR TRUCKS AND IS TRAINED AND PREPARED TO COUPLE AND EXTEND FIRE HOSE AS MAY BE NECESSARY TO REACH THE ABOVE LISTED BUILDINGS AND AS MAY BE REQUIRED TO FIGHT A FIRE.

2. FOR AN ALTERNATE EMERGENCY RESPONSE APPROACH REQUIRED BY THE LFA AT BUILDING E AND BUILDING C, THE LFA WOULD STAGE THEIR EQUIPMENT AT N. HAM LANE WEST OF BUILDING E AND ENTER THE SITE THROUGH THE MAN GATE JUST SOUTH OF BUILDING E. THE LFA HAS THE PROPER KEY CARDS AND ACCESS KEYS TO OPEN THESE GATES.

Brad Doell, Battalion Chief / Fire Marshal
City of Lodi Fire Department

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APP: 02-120455 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

FIRE AUTHORITY APPROVAL SITE PLAN

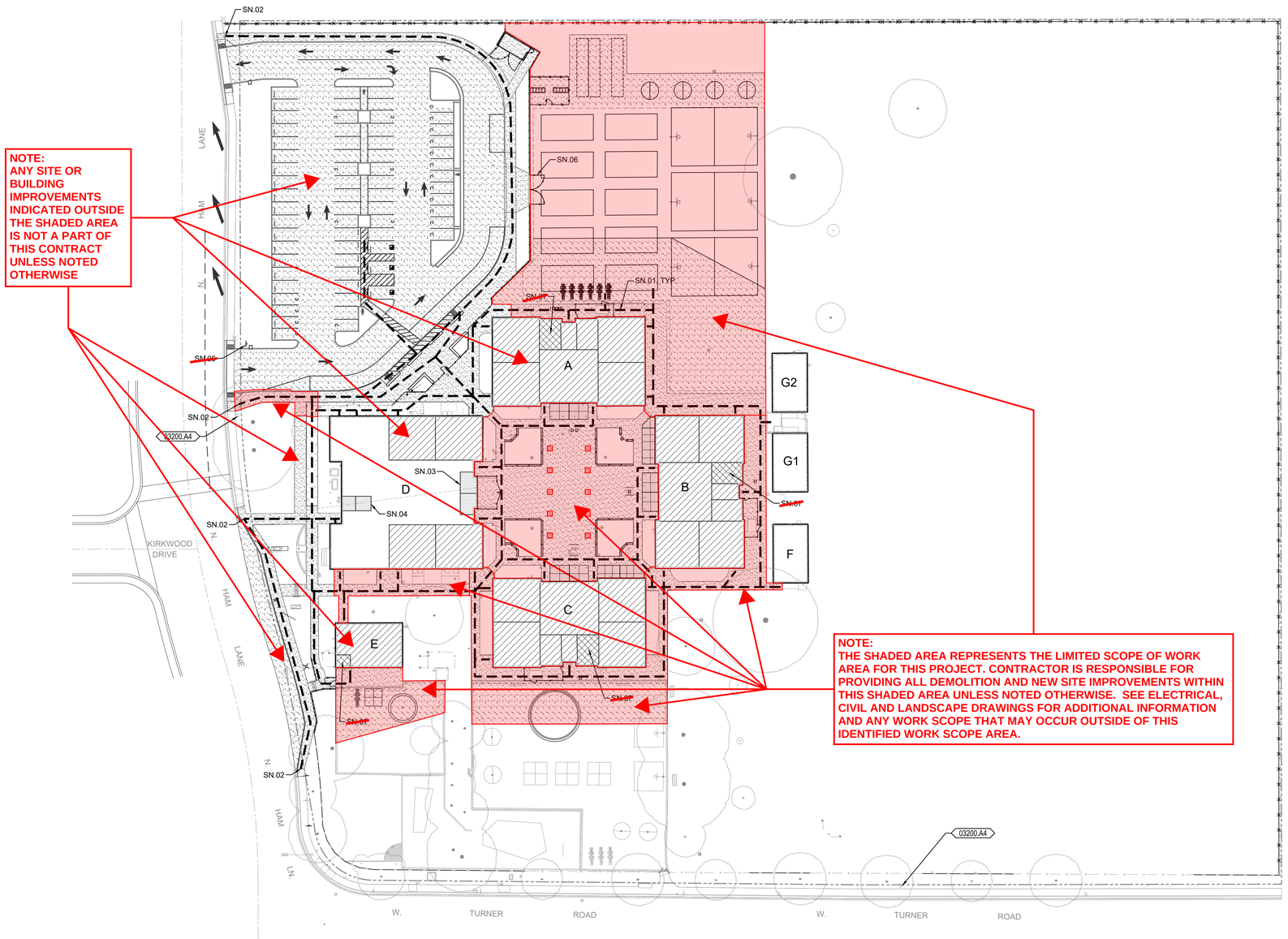
CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A1.1.0

BUILDING DATA					
BUILDING	DSA APPLICATION NUMBER	CONSTRUCTION TYPE	OCCUPANCY TYPE	AREA (SF)	CERTIFIED
BLDG. A - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG. B - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG. C - CLASSROOMS	23521, 02-106411	VB, NOT SPRINKLERED	E	6,320	Y
BLDG. D - ADMINISTRATION/ MULTI-PURPOSE/CLASSROOMS	25287, 02-106411, 02-112790	VB, NOT SPRINKLERED	B/A-2/E	10,575	Y
BLDG. E - KINDERGARTEN	23521	VB, NOT SPRINKLERED	E	1,425	Y
BLDG. F - RELOCATABLE	46992	VB, NOT SPRINKLERED	E	960	Y
BLDG. G1 - RELOCATABLE	48768	VB, NOT SPRINKLERED	E	960	Y
BLDG. G2 - RELOCATABLE	48768	VB, NOT SPRINKLERED	E	960	Y



1 A1.1.1 CODE ANALYSIS SITE PLAN

SCALE: 1" = 40'-0"

40' 80'

NORTH

SITE LEGEND

- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET
- (N) CONCRETE WALK CONSTRUCTION (Expansion Joint (20'-0" Max. Spacing U.O.N.) - Shown Darker; Control Joint (10'-0" Max. Spacing U.O.N.) - Shown Lighter)
  NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN
- ~~(N) ORNAMENTAL METAL FENCE~~ (Height)
- ~~(E) ORNAMENTAL METAL FENCE TO REMAIN~~
- (N) CHAIN LINK FENCE (Height)
- (E) CHAIN LINK FENCE TO REMAIN
- ~~(N) CHAIN LINK FENCE FABRIC TO BE INSTALLED ON (E) MODIFIED FENCE FRAME~~ (Height)
- CMU WALL
- (E) FIRE HYDRANT
- POST INDICATOR & VALVE (PIV)
- BACKFLOW PREVENTER
- METER AND BACKFLOW
- TRUNCATED DOMES

DRAINAGE STRUCTURE - SEE CIVIL
- CLEAN OUT
- AREA DRAIN
- MAN HOLE COVER
- DROP INLET
- TRENCH DRAIN

ELECTRICAL STRUCTURE - SEE ELECTRICAL
- POLE MOUNTED FIXT. TOP MOUNTED
- POLE MOUNTED FIXT. TWIN HEAD
- POLE MOUNTED FIXT. SINGLE HEAD
- UNDERGROUND PULLBOX
- TRANSFORMER
- SWITCHBOARD

- NEW BUILDING
- EXISTING AREA OF BUILDING TO BE MODERNIZED
- EXISTING TOILET ROOM TO BE MODERNIZED
- EXISTING TOILET ROOM - NO WORK
- NEW CONCRETE WALKWAY
- (N) ASPHALTIC CONCRETE PAVING
- EXISTING WALKWAY TO REMAIN

SHEET NOTES

SN.01 D.A. PATH OF TRAVEL

SN.02 D.A. PATH OF TRAVEL FROM PUBLIC RIGHT OF WAY

SN.03 D.A. STUDENT TOILET ROOMS CONSTRUCTED UNDER DSA IDENTIFICATION NO. 02-111648

SN.04 D.A. STAFF TOILET ROOMS CONSTRUCTED UNDER DSA IDENTIFICATION NO. 02-111648

SN.05 NEW TOW-AWAY SIGN - SEE CIVIL

SN.06 NEW 20' CLEAR EMERGENCY VEHICLE ACCESS GATES

SN.07 D.A. STUDENT TOILET ROOMS TO BE CONSTRUCTED BY THIS CONTRACT, DSA IDENTIFICATION NO. 02-120455

KEYNOTES

3200 SITEWORK

3200.A4 (E) FIRE HYDRANT

PATH OF TRAVEL: - - - - -

Path of travel (P.O.T.) as indicated is a barrier free access without any abrupt vertical changes exceeding ½" at 1:2 Maximum slope, except that level changes do not exceed ¼" vertical(11B-303 & 11B-403.4). P.O.T. is a minimum of 48" wide (11B-403.5.1Ex3) slip resistant surface with 5% max. slope and 1:48 max. cross slope(11B-403.3). Passing spaces(11B-403.5.3) of 60"x60" min. are located not more than 200' apart. Walks with continuous gradients have 60" in length of level areas (11B-403.7) not more than 400' apart. P.O.T. shall be maintained free of overhanging obstructions to 80" min(11B-307.4) and protruding objects(11B-307) greater than 4" projection from wall above 27" and less than 80". There is no drop-off over 4" at the edge of walk or landing unless identified by a guard, a handrail, or a warning curb at least 6" in height above the walk(11B-303.5).

Design Professional in General Responsible Charge Statement

The POT identified in the construction documents is compliant with current applicable California Building Code accessibility provisions **for path of travel requirements for alterations and structural repairs**. As part of the design of this project, the POT was examined and any elements, components or portion of the POT that were determined to be noncompliant 1) have been identified and 2) the corrective work necessary to bring them into compliance has been included within the scope of thus project's work through details, drawings and specification incorporated into these construction documents. Any noncompliant elements, components or portion of the POT that will not be corrected by this project based on valuation threshold limitations or a finding of unreasonable hardship are so indicated in these construction documents.

During construction, if POT items within the scope of the project represented as code compliant are found to be nonconforming beyond reasonable construction tolerances, they shall be brought into compliance with the CBC as a part of this project by means of a "Construction Change Document" (form **DSA 140**).

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LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

CODE ANALYSIS SITE PLAN

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
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SCALE AS SHOWN		
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UPDATED 11/17/2022		

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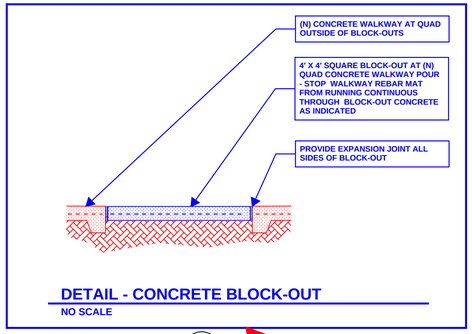
A1.1.1

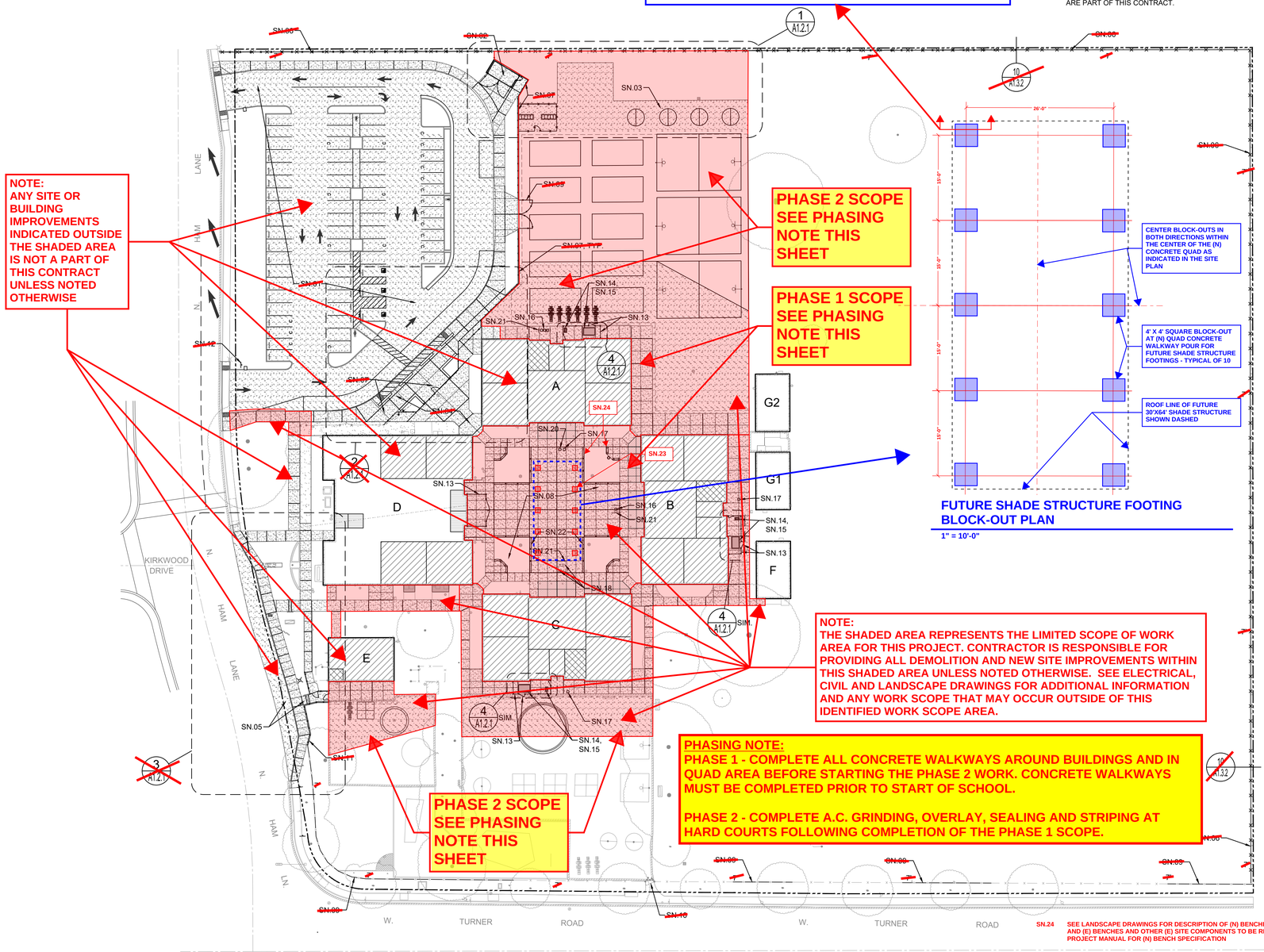


DETAIL - CONCRETE BLOCK-OUT

NO SCALE

GENERAL NOTES

1. SAFETY: CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE PREMISES ON WHICH THE WORK IS PERFORMER AND FOR THE SAFETY OF ALL PERSONS AND PROPERTY ON THE SITE BOTH DURING AND OUTSIDE OF NORMAL WORKING HOURS, UNTIL SUCH WORK IS ACCEPTED BY THE OWNER.
2. UNDERGROUND SERVICES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND/OR UTILITY DISTRICTS AS TO THE LOCATION OF ALL UNDERGROUND FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERGROUND UTILITIES OR OTHER BURIED OBJECTS WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
3. USE OF BARRICADES AND SITE CONTROLS: WHEN THE WORK AREA HAS TRENCHES OR DITCHES DEEPER THAN ONE FOOT, THE CONTRACTOR SHALL PROVIDE FENCING AND BARRICADES AT SUCH TRENCHES OR DITCHES DURING THE WORK DAY. CONTRACTOR SHALL EXPEDITE THE FILLING AND COMPACTING OF SUCH TRENCHES OR DITCHES.
4. QUANTITIES: MATERIAL QUANTITIES IF ANY ARE NOTED ON THESE DRAWINGS ARE NOT GUARANTEED CONTRACT QUANTITIES. CONTRACTOR IS TO PERFORM HIS OWN ESTIMATES AND QUANTITY TAKE-OFFS. CONTRACTOR IS TO PROVIDE ALL MATERIALS NECESSARY TO COMPLETE THE PROJECT, EVEN IF QUANTITIES ARE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS.
5. PRE-EXISTING CONDITIONS
   a. CONTRACTORS SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING OBSERVABLE SITE CONDITIONS PRIOR TO SUBMITTING BID.
   b. ALL ITEMS NOT SHOWN AS (E) EXISTING SHALL BE CONSIDERED NEW AND ARE PART OF THIS CONTRACT.



1 A1.1.2 SITE PLAN

SCALE: 1" = 40'-0"

40' 80'

SITE LEGEND

- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL - SEE NOTES THIS SHEET
- (N) CONCRETE WALK CONSTRUCTION (Expansion Joint (20'-0" Max. Spacing U.O.N.) - Shown Darker; Control Joint (10'-0" Max. Spacing U.O.N.) - Shown Lighter)
  NOTE: FOLLOW JOINT PATTERN AS SHOWN ON SITE PLAN
- ~~(N) ORNAMENTAL METAL FENCE~~ (Height)
- ~~(E) ORNAMENTAL METAL FENCE TO REMAIN~~
- (N) CHAIN LINK FENCE (Height)
- (E) CHAIN LINK FENCE TO REMAIN
- ~~(N) CHAIN LINK FENCE FABRIC TO BE INSTALLED O/ (E) MODIFIED FENCE FRAME~~ (Height)
- CMU WALL
- (E) FIRE HYDRANT
- POST INDICATOR & VALVE (PIV)
- BACKFLOW PREVENTER
- METER AND BACKFLOW
- TRUNCATED DOMES

DRAINAGE STRUCTURE - SEE CIVIL
- CLEAN OUT
- AREA DRAIN
- MAN HOLE COVER
- DROP INLET
- TRENCH DRAIN

ELECTRICAL STRUCTURE - SEE ELECTRICAL
- POLE MOUNTED FIXT. TOP MOUNTED
- POLE MOUNTED FIXT. TWIN HEAD
- POLE MOUNTED FIXT. SINGLE HEAD
- UNDERGROUND PULLBOX
- TRANSFORMER
- SWITCHBOARD

- NEW BUILDING
- EXISTING AREA OF BUILDING TO BE MODERNIZED
- EXISTING TOILET ROOM TO BE MODERNIZED
- EXISTING TOILET ROOM - NO WORK
- NEW CONCRETE WALKWAY
- (N) ASPHALTIC CONCRETE PAVING
- EXISTING WALKWAY TO REMAIN

SHEET NOTES

~~SN.01 (N) PARKING LOT, WALKWAYS AND LANDSCAPING - SEE CIVIL AND LANDSCAPE DRAWINGS~~

~~SN.02 (N) TRASH ENCLOSURE - SEE CIVIL AND STRUCTURAL DRAWINGS~~

SN.03 (N) TETHERBALL COURTS - SEE ENLARGED PLAN AND CIVIL SHEETS.

~~SN.04 (N) ENTRY AREA, GATE, FENCING, BENCHES & PLANTERS - SEE CIVIL, LANDSCAPE, ELECTRICAL & ENLARGED PLAN~~

~~SN.05 (N) CONCRETE STAIR, WALKWAYS & BUS TURNOUT - SEE CIVIL DRAWINGS~~

~~SN.06 (N) 7' TALL SLATTED CHAIN LINK FENCE W/ 1 3/4" SQUARES OF 90% OPAQUE 7/8" HDPE SLATS ALONG ENTIRE NORTH AND EAST PROPERTY LINES INSTALLED JUST INSIDE OF (E) CHAIN LINK FENCE - SEE DETAIL 10/A1.3.2~~

~~SN.07 SEE CIVIL FOR EXTENT OF DEMOLITION OF (E) ORNAMENTAL IRON FENCING. CONTRACTOR IS REQUIRED TO SALVAGE AND PROTECT (E) ORNAMENTAL IRON FENCE PANELS, GATES AND POSTS (IF SALVAGEABLE) AND STORE FOR REUSE. INSTALL (E) SALVAGED AND (N) ORNAMENTAL IRON FENCE COMPONENTS IN (N) LOCATION AND CONFIGURATION AS INDICATED HERE AND ON CIVIL DRAWINGS. (E) ORNAMENTAL IRON FENCING COMPONENTS THAT MAY BE SALVAGED INCLUDE APPROXIMATELY 27-WHOLE PANELS, 3-PARTIAL PANELS, 2-MAN GATE ASSEMBLIES, 1-PAIR VEHICLE GATES AND 22-LINE POSTS. THESE QUANTITIES ARE ONLY APPROXIMATE AND THE CONTRACTOR IS REQUIRED TO FIELD VERIFY EXACT QUANTITIES, CONDITIONS AND SALVAGEABLE OF THE (E) ORNAMENTAL IRON FENCE COMPONENTS.~~

SN.08 (N) QUAD AREA CONCRETE WALKWAYS, PLANTERS, BENCHES-SEE CIVIL AND LANDSCAPE

~~SN.09 (E) CHAIN LINK FENCE FABRIC TO BE REMOVED, POSTS TO BE INCREASED IN HEIGHT TO 7', RAILS TO BE ADJUSTED FOR PLANTER HEIGHT AND (N) NO-CLIMB FENCE FABRIC TO BE INSTALLED ONTO (E) MODIFIED FENCE FRAME~~

~~SN.10 (E) CHAIN LINK GATES TO BE REMOVED AND REPLACED WITH SAME SIZE (E) GATES AND TO MATCH THE (N) MODIFIED FENCE HEIGHT. INSTALL NO-CLIMB FENCE FABRIC ON (N) GATE FRAME.~~

~~SN.11 PROVIDE (N) FENCE POSTS AND (N) NO-CLIMB FENCE FABRIC WHERE FENCE LINE AND CONFIGURATION HAVE BEEN MODIFIED TO ACCOMMODATE (E) OR (N) GRADE MODIFIED DURING CONSTRUCTION. THIS LOCATION.~~

~~SN.12 REPLACE (E) PARKING LOT ENTRANCE SIGN W/ (N) PARKING LOT ENTRANCE SIGN - SEE CIVIL~~

SN.13 (E) CHAIN LINK FENCE FABRIC AND GATES AT (E) HVAC EQUIPMENT YARD OR STORAGE YARD TO BE REMOVED AND STORED AND PROTECTED. GATE AND FENCE POSTS TO REMAIN AND PROTECTED AGAINST DAMAGE DURING DEMOLITION AND CONCRETE POUR. FOLLOWING INSTALLATION OF (N) CONCRETE WALKWAYS, ADJUST FENCE FRAME TO ACCOMMODATE (N) TOP OF WALKWAY ELEVATION AND REINSTALL THE (E) GATE AND FENCE FABRIC O/ (E) POSTS.

SN.14 WRAP THE (E) HVAC UNITS, CONDUIT, LINE SETS AND DUCTWORK WITH HEAVY PLASTIC SHEET AND PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS. SEE CIVIL FOR EXTENT OF WALKWAY DEMOLITION AND REPLACEMENT.

SN.15 DISCONNECT (E) DUCT SUPPORTS FROM CONCRETE WALKWAY AND DUCTS AS REQUIRED. TEMPORARILY SUPPORT DUCTS AS REQUIRED TO ALLOW FOR REMOVAL OF (E) CONCRETE WALKWAY AND INSTALLATION AND FINISHING OF (N) CONCRETE WALKWAY. ADJUST (E) DUCT SUPPORTS AS REQUIRED FOR (N) TOP OF WALKWAY ELEVATION AND FASTEN TO CONCRETE WALKWAY USING FASTENER TYPES TO MATCH (E).

SN.16 (E) DRINKING FOUNTAIN TO BE REMOVED STORED AND PROTECTED DURING WALKWAY DEMOLITION AND (N) CONSTRUCTION. PROTECT (E) PLUMBING WASTE & SUPPLY LINES DURING CONSTRUCTION. FOLLOWING INSTALLATION OF (N) WALKWAY, ADJUST/EXTEND/MODIFY (E) PLUMBING LINES AND REINSTALL DRINKING FOUNTAIN PER MANUFACTURER'S RECOMMENDATIONS.

SN.17 (E) ACCESSIBLE BOTTLE FILLER TO BE REMOVED STORED AND PROTECTED DURING WALKWAY DEMOLITION AND (N) CONSTRUCTION. PROTECT (E) PLUMBING WASTE & SUPPLY LINES DURING CONSTRUCTION. FOLLOWING INSTALLATION OF (N) WALKWAY, ADJUST/EXTEND/MODIFY (E) PLUMBING LINES AND REINSTALL BOTTLE FILLER PER MANUFACTURER'S RECOMMENDATIONS.

SN.18 REMOVE TWO (E) DRINKING FOUNTAINS THIS LOCATION AND INSTALL (N) CHILD HEIGHT ACCESSIBLE, HI-LOW STYLE DRINKING FOUNTAIN. MODIFY PLUMBING SUPPLY AND WASTE LINES AS REQUIRED - SEE PLUMBING AND DETAIL 7/A0.2

SN.19 THIS (E) DRINKING FOUNTAIN IS ADULT HEIGHT ACCESSIBLE WITH BUBBLER HEIGHT AT +36" ABOVE CONCRETE WALK.

SN.20 (E) DRINKING FOUNTAIN TO BE REMOVED. CAP PLUMBING BELOW GRADE.

SN.21 FOLLOWING REINSTALLATION OF (E) D.F. INSTALL NEW CANE RAILS PER DETAIL 6/A0.2

SN.22 (N) 8' LONG METAL BENCH, TYPICAL OF 24 - SEE DETAIL 9/A1.3.1 FOR MOUNTING DETAIL

SN.23 BLOCK-OUT (N) CONCRETE WALKWAY POUR FOR FUTURE SHADE STRUCTURE FOOTINGS - SEE ENLARGED FUTURE SHADE STRUCTURE FOOTING BLOCK-OUT PLAN THIS SHEET

SN.24 SEE LANDSCAPE DRAWINGS FOR DESCRIPTION OF (N) BENCHES TO BE INSTALLED AND (E) BENCHES AND OTHER (E) SITE COMPONENTS TO BE RELOCATED - SEE PROJECT MANUAL FOR (N) BENCH SPECIFICATION

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LICENSED ARCHITECT STEPHEN JOSEPH HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

SITE PLAN

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
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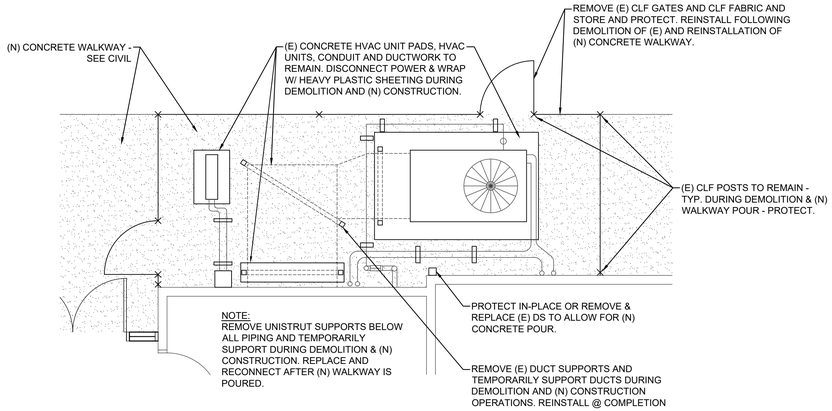
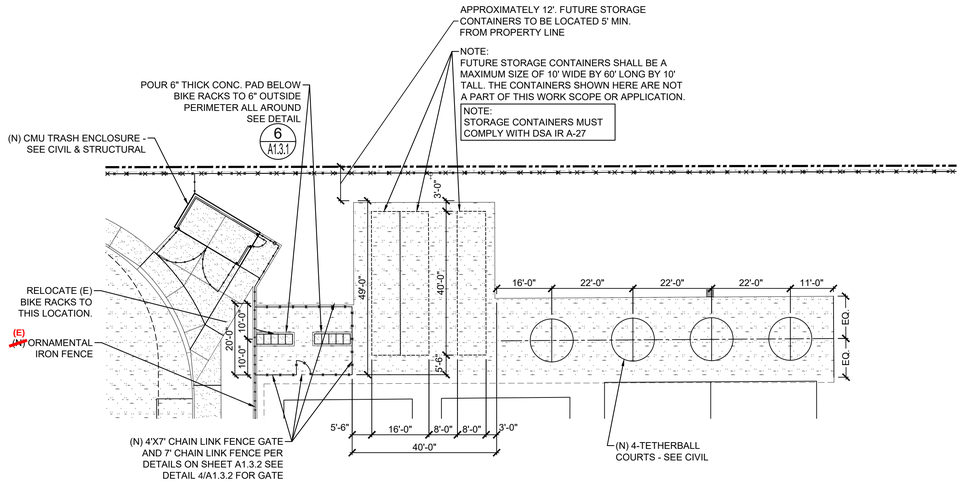


4 A1.2.1 ENLARGED PARTIAL SITE PLAN

SCALE: 1/4" = 1'-0" 0 2' 8' 1' 4'

NORTH



1 A1.2.1 ENLARGED PARTIAL SITE PLAN

SCALE: 1" = 20'-0" 0 10 40 5 20

NORTH

3 A1.2.1 ENLARGED PARTIAL SITE PLAN

SCALE: 1" = 20'-0" 0 10 40 5 20

NORTH

2 A1.2.1 ENLARGED PARTIAL SITE PLAN

SCALE: 1" = 20'-0" 0 10 40 5 20

NORTH

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

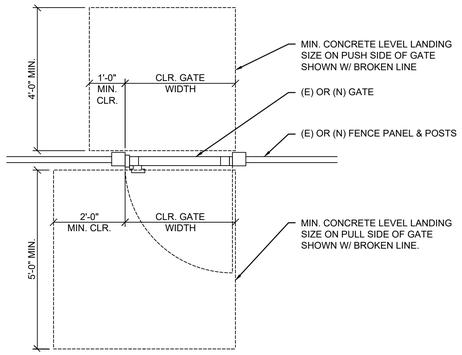
ENLARGED SITE PLANS

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE N.T.S.		
CADFILE		
UPDATED 11/17/2022		

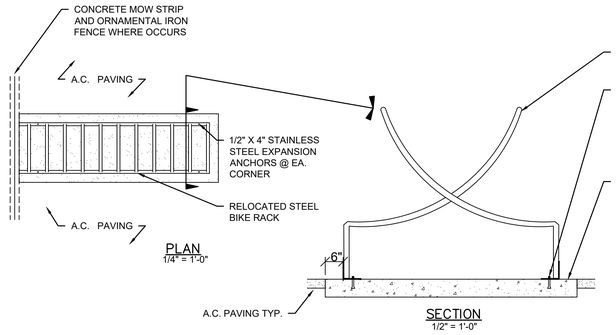
SHEET NO.

A1.2.1



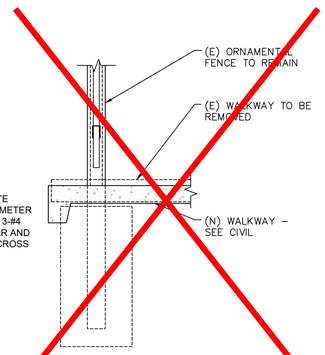
7 GATE LEVEL LANDING CLEARANCES

1/2" = 1'-0"



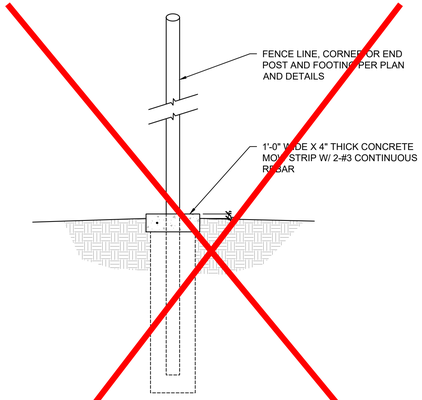
6 BIKE RAKE PAD & MOUNTING

SCALE AS NOTED



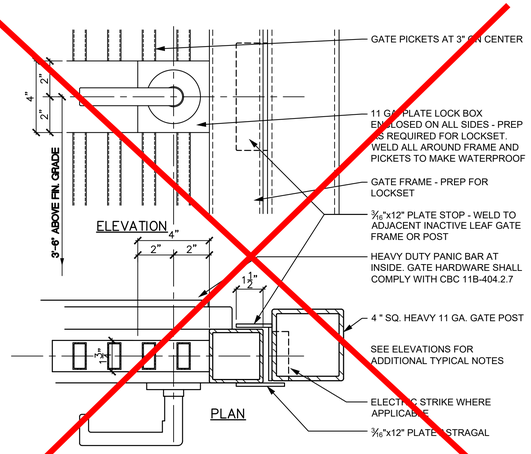
5 WALKWAY @ FENCE LINE

N.T.S.



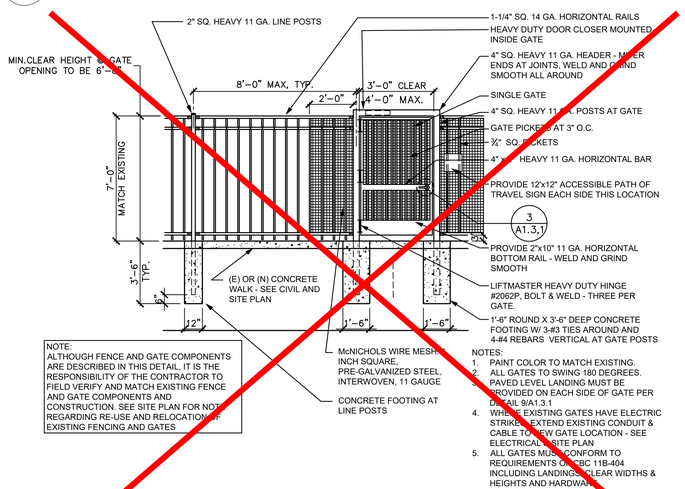
4 MOW STRIP @ FENCE LINE

N.T.S.



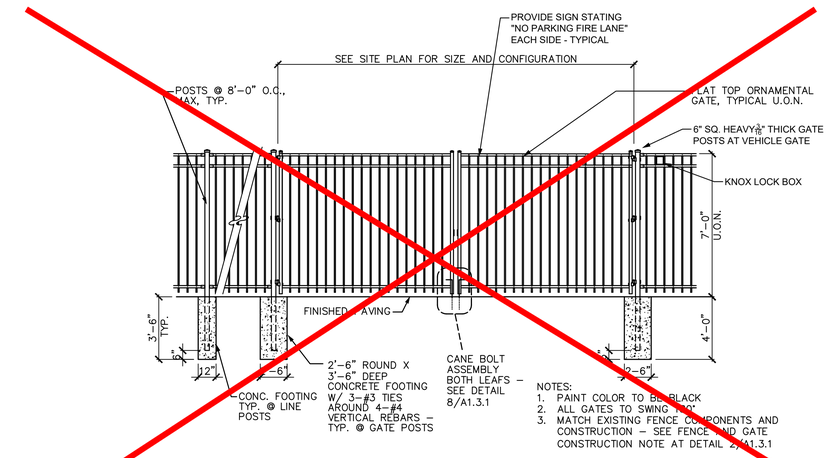
3 ORNAMENTAL IRON GATE LOCKSET

N.T.S.



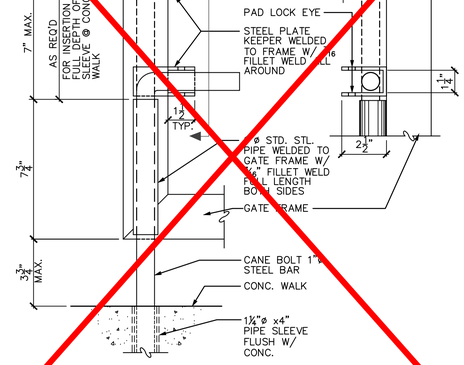
2 FENCING & ACCESSIBLE ORNAMENTAL IRON GATE

N.T.S.



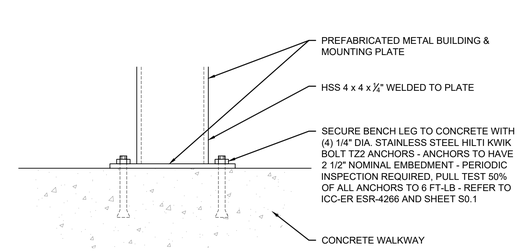
1 ORNAMENTAL IRON FENCE

N.T.S.



8 CANE BOLT ASSEMBLY

3"=1'-0"



9 METAL BENCH MOUTNING

3"=1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

TYPICAL SITE DETAILS

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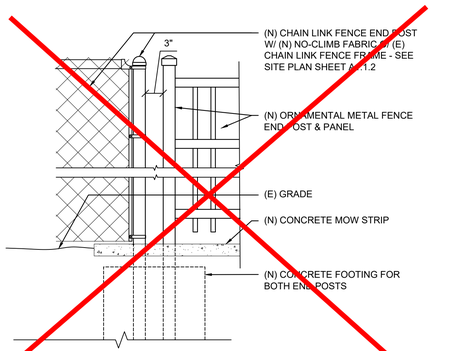
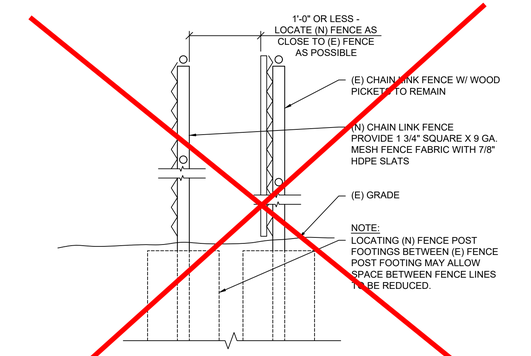


11 FENCING TRANSITION

N.T.S.



10 (N) CHAIN LINK FENCE @ (E)

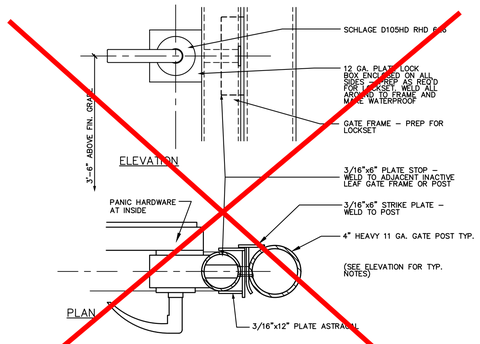
1" = 1'-0"

NOTES

1. MATERIALS FOR CHAIN LINK FENCE AND GATES SHALL CONFORM TO CALTRANS SECTION 206-6 OF THE STANDARD SPECIFICATIONS EXCEPT AS INDICATED HERON OR MODIFIED BY PROJECT PLANS.
2. FABRIC SHALL HAVE KNUCKLED FINISH ON BOTH TOP AND BOTTOM EDGES.
3. ALL GATE HINGES SHALL BE HEAVY DUTY MALLEABLE IRON OR STEEL, INDUSTRIAL SERVICE TYPE AND NOT LESS THAN 3-INCHES IN WIDTH.
4. ALL COMPONENTS SHALL BE GALVANIZED STEEL.
5. CONSTRUCTION OF CHAIN LINK FENCE OR GATES SHALL CONFORM TO CALTRANS SECTION 304-3 OF THE STANDARD SPECIFICATIONS EXCEPT AS INDICATED HERON OR MODIFIED BY PROJECT PLANS.
6. CAP OR TOP SHALL BE SECURED TO POST USING 1/4-INCH RIVET.
7. CORNER OR SLOPE POSTS SHALL BE INSTALLED WHEN THE CHANGE IN DEFLECTION ANGLE IS 30 DEGREES OR MORE AT CORNER OR SLOPE POINTS. CONSTRUCT SLOPE POSTS AS THOUGH THEY WERE CORNER POSTS.
8. INTERMEDIATE POSTS SHALL BE PROVIDED WHEN THE DISTANCE BETWEEN CORNER OR SLOPE POSTS EXCEEDS 300 FEET. THEY SHALL BE CONSTRUCTED AS THOUGH THEY WERE CORNER OR SLOPE POSTS.
9. THREADS OF ALL 3/8-INCH ROUND TRUSS RODS SHALL BE PEENED AFTER INSTALLATION.
10. WHEN TOP RAIL IS OMITTED BY PLAN, PROVIDE 7-GAGE TENSION WIRE WITH 11-GAGE FABRIC TIES OR HOG RINGS SPACED AT 24-INCH INTERVALS.
11. GATES SHALL BE PROVIDED WITH A COMBINATION SPRING LATCH AND PLUNGER ROD, APPROVED BY THE ARCHITECT.
12. TENSION WIRE SHALL BE SECURELY FASTENED TO THE TERMINAL POSTS AND BE TAUT AND FREE OF SAG.
13. THE FABRIC SHALL BE PLACED ON THE OUTWARD FACING SIDE OF THE POSTS, STRETCHED TAUT, AND FASTENED SECURELY.

8 FENCE, POST AND GATE NOTES

N.T.S.



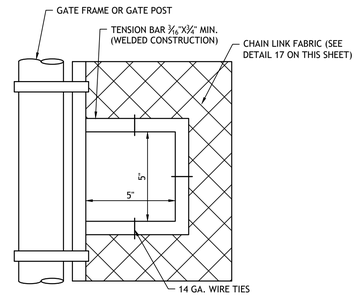
7 ACCESSIBLE LOCKSET ASSEMBLY

N.T.S.

GATE POST SCHEDULE				
FENCE HEIGHT (H)	GATE WIDTH	NOMINAL SIZE OF PIPE INCHES	ACTUAL O.D. INCHES	WEIGHT PER FOOT POUNDS
LESS THAN 6 FEET	SINGLE GATES 6 FEET OR LESS AND DOUBLE GATES 12 FEET OR LESS	2 1/2	2.875	5.79
"	SINGLE SWING GATES OVER 6 FEET THRU 13 FEET AND DOUBLE DATES OVER 12 FEET THRU 26 FEET	3 1/2	4.0	9.11
"	SINGLE SWING GATES OVER 13 FEET THRU 18 FEET AND DOUBLE GATES OVER 26 FEET THRU 36 FEET	4	4.5	10.79
6 FEET TO 8 FEET INCLUSIVE	SINGLE GATES 6 FEET OR LESS AND DOUBLE GATES 12 FEET OR LESS	2 1/2	2.875	5.79
"	SINGLE SWING GATES OVER 6 FEET THRU 13 FEET AND DOUBLE DATES OVER 12 FEET THRU 26 FEET	4	4.5	10.79
"	SINGLE SWING GATES OVER 13 FEET THRU 18 FEET AND DOUBLE GATES OVER 26 FEET THRU 36 FEET	5	5.563	14.62

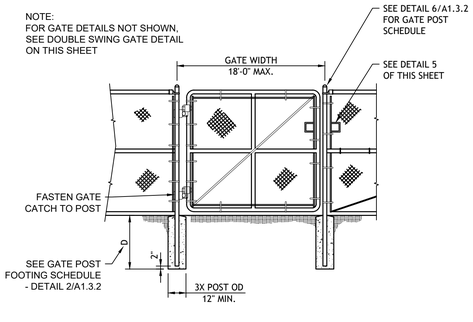
6 GATE POST SCHEDULE

N.T.S.



5 CUT OUT CHAIN LOCK/ FENCE POST FOOTING SCHEDULE

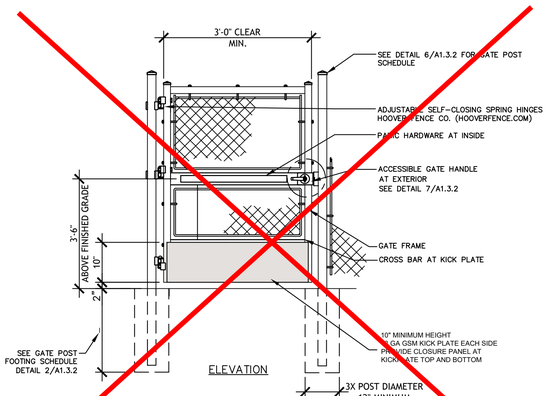
N.T.S.



4 SINGLE CHAIN LINK FENCE GATE

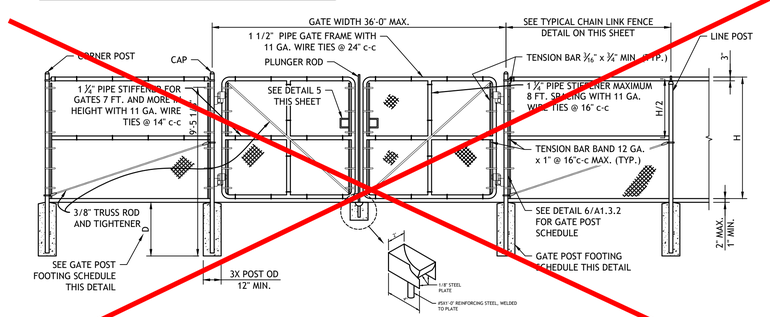
N.T.S.

GATE POST FOOTING SCHEDULE			
GATE WIDTH		FOOTING MIN. DEPTH, D.	
SINGLE GATE	DOUBLE GATE	H TO 6'	H>6' TO 8'
TO 8'	TO 16'	3'-0"	3'-0"
> 8' TO 10'	> 16' TO 20'		3'-9"
> 10' TO 12'	> 20' TO 24'	3'-6"	4'-3"
>12' TO 13'	> 24' TO 26'	4'-0"	4'-6"
> 13' TO 14'	> 26' TO 28'	3'-0"	3'-6"
> 14' TO 16'	> 28' TO 32'	3'-3"	4'-0"
> 16' TO 18'	> 32' TO 26'	3'-9"	4'-6"
> INDICATES "GREATER THAN"			



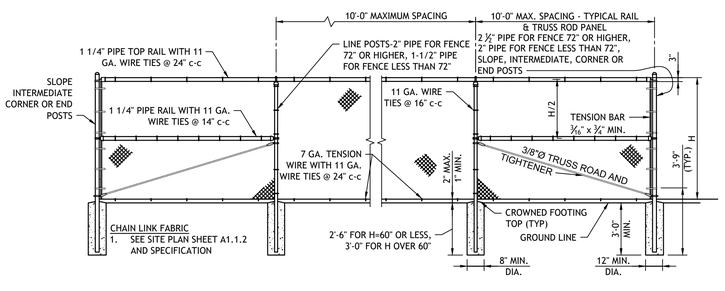
3 ACCESSIBLE CHAIN LINK GATE

N.T.S.



2 DOUBLE CLF GATE & GATE POST FOOTING SCHEDULE

N.T.S.



1 TYPICAL CHAIN LINK FENCE

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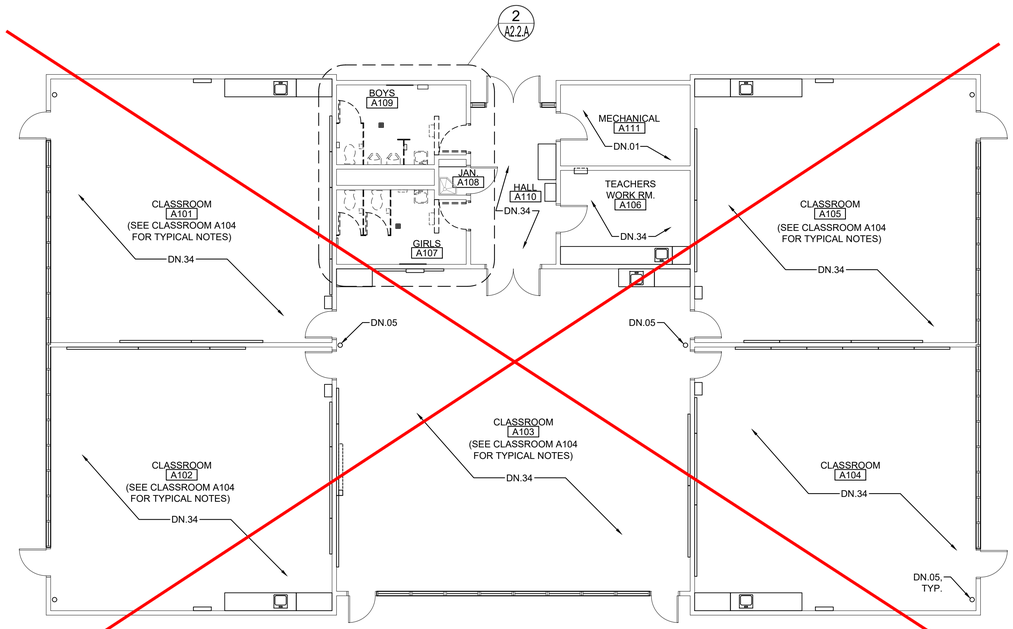
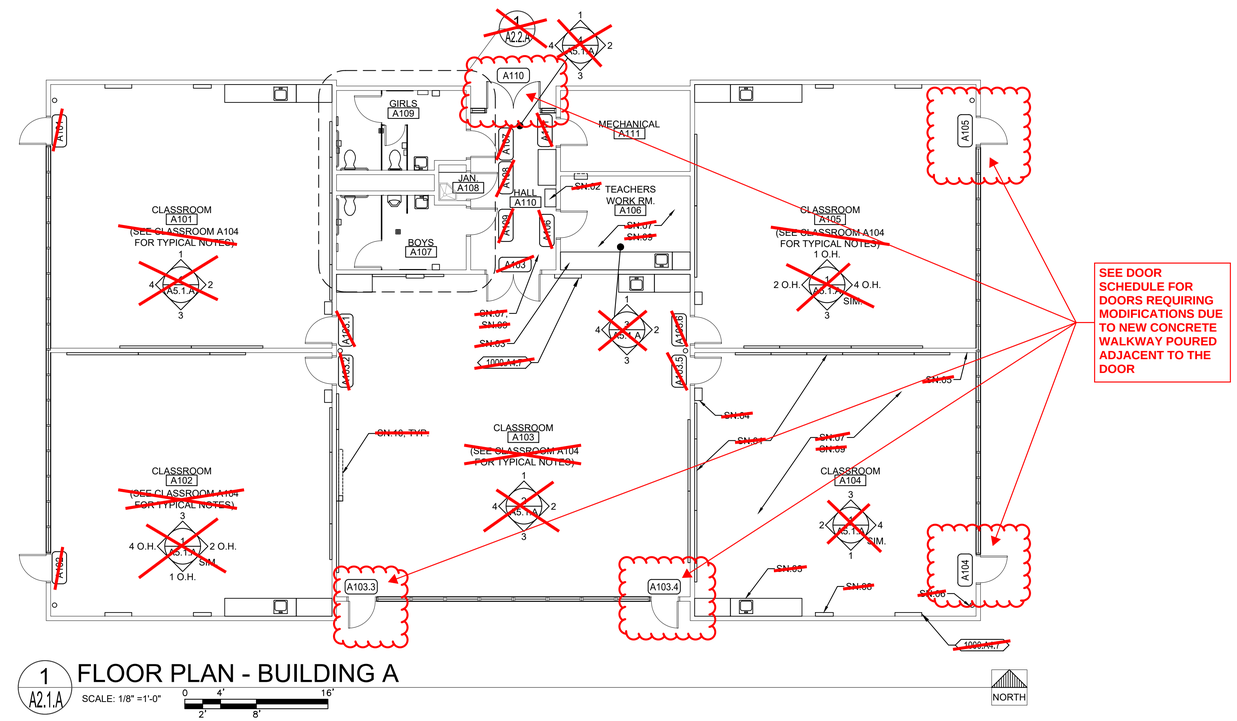


2 A2.1.A DEMOLITION FLOOR PLAN - BUILDING A

SCALE: 1/8" =1'-0"

0 4' 16'
2' 8'



1 A2.1.A FLOOR PLAN - BUILDING A

SCALE: 1/8" =1'-0"

0 4' 16'
2' 8'

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A5 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS

DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION

DN.03 REMOVE (E) CASEWORK AND SHELVING

DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS

DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION.

DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL

DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE

DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION

DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.

DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.

DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH

DN.11 REMOVE (E) TOILET ROOM ACCESSORY

DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION

DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.

DN.14 REMOVE (E) LAVATORY - SEE PLUMBING

DN.15 REMOVE (E) TOILET - SEE PLUMBING

DN.16 REMOVE (E) URINAL - SEE PLUMBING

DN.17 REMOVE (E) MOP SINK - SEE PLUMBING

DN.18 REMOVE (E) WATER HEATER

DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES

DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER

DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.

DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.

DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.

DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.

DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.

DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.

DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL

DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL

DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.

DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH

DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH

DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE

DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED

SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED

SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED

SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS

SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.

SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS

SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED

SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.

SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.

SN.11 INFILL FRAME (E) DOOR OPENING, PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.

SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED

SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.

SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS

SN.15 NO NEW WORK THIS SPACE

SN.16 DISABLED ACCESSIBLE

SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREPD AND PAINTED ALONG WITH NEW WALL FINISH.

SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.

SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.

SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL

SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.

SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.

SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.

SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.

SN.25 PREP AND PAINT (E) WOOD SHELVING

SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN C. HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DEMOLITION & FLOOR PLANS - BUILDING A

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.1.A

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.01 PLASTIC LAMINATE CASEWORK

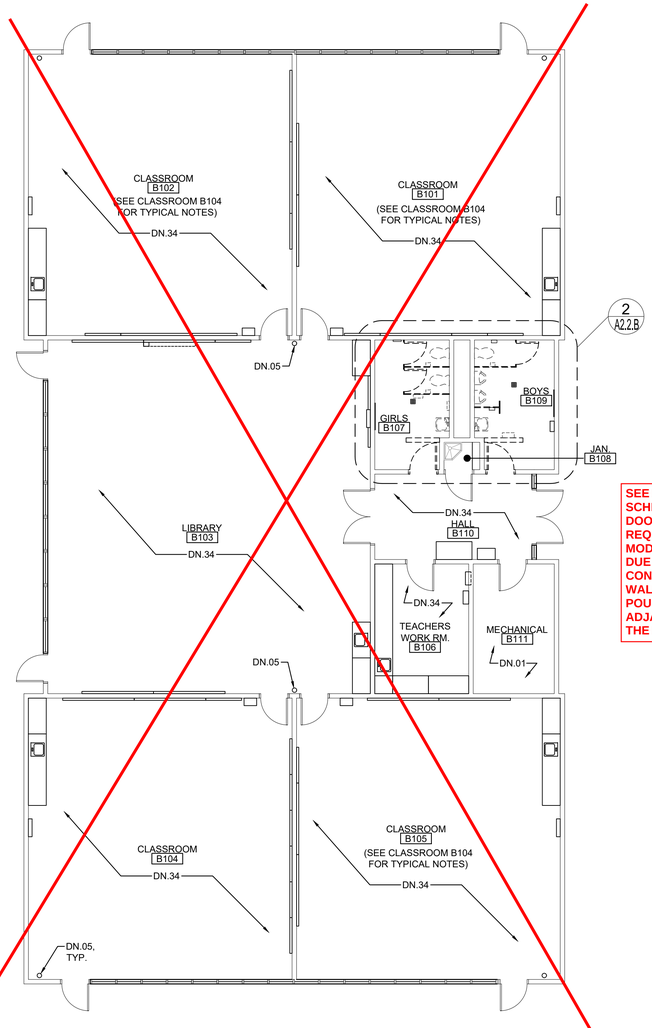
0900 FINISHES
0900.A5 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

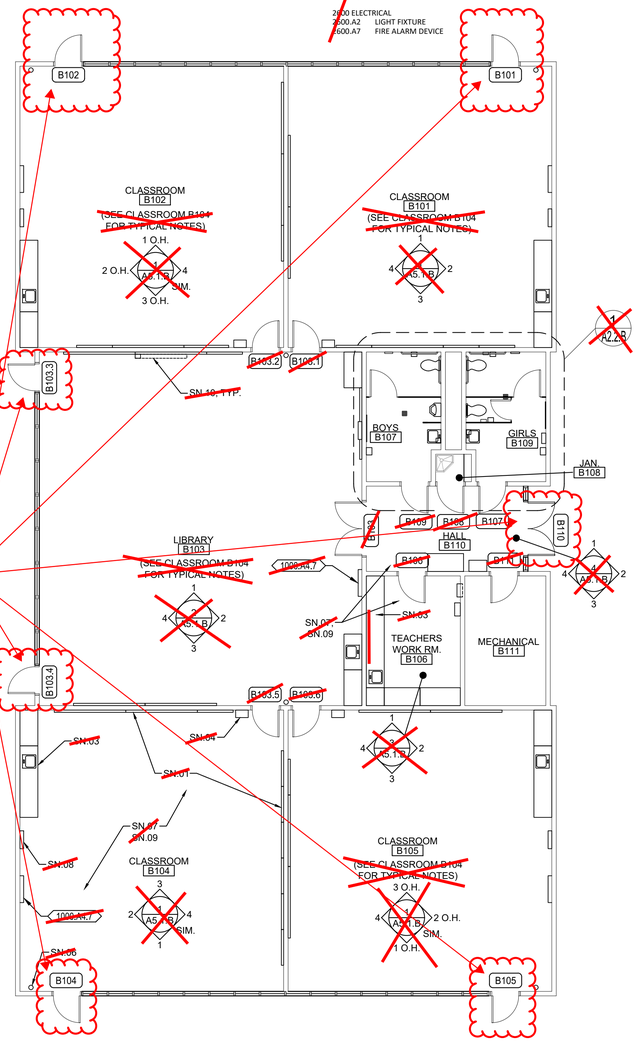
2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE



SEE DOOR SCHEDULE FOR DOORS REQUIRING MODIFICATIONS DUE TO NEW CONCRETE WALKWAY POURED ADJACENT TO THE DOOR



GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COTING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH.
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED, TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

2 A2.1B DEMOLITION FLOOR PLAN - BUILDING B
SCALE: 1/8" =1'-0" 0 4' 16' 2' 8'

1 A2.1B FLOOR PLAN - BUILDING B
SCALE: 1/8" =1'-0" 0 4' 16' 2' 8'

NORTH

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN J. HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DEMOLITION & FLOOR PLANS - BUILDING B

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
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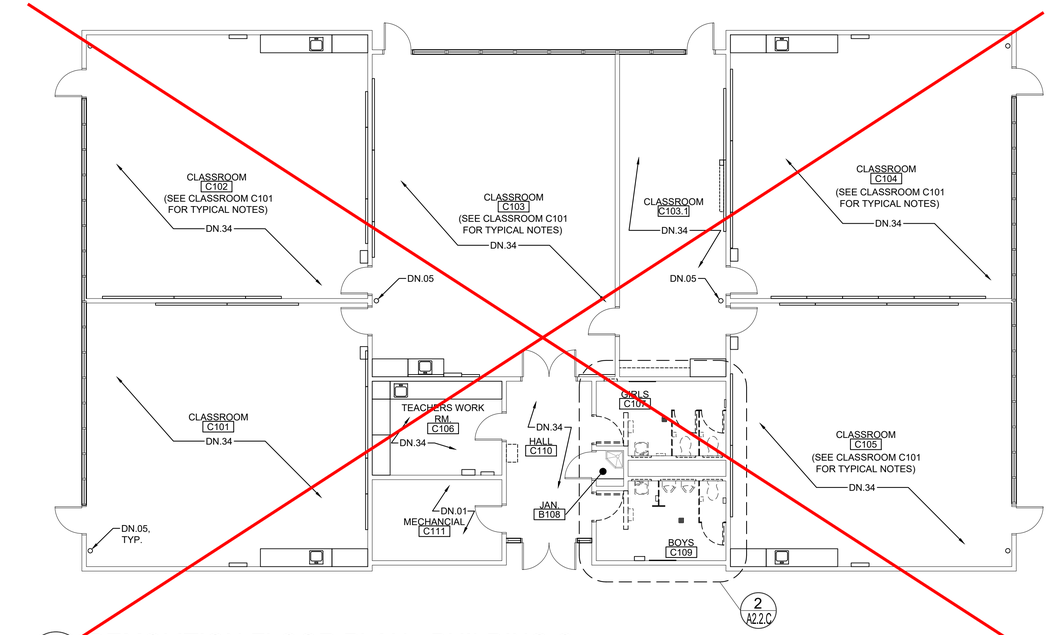
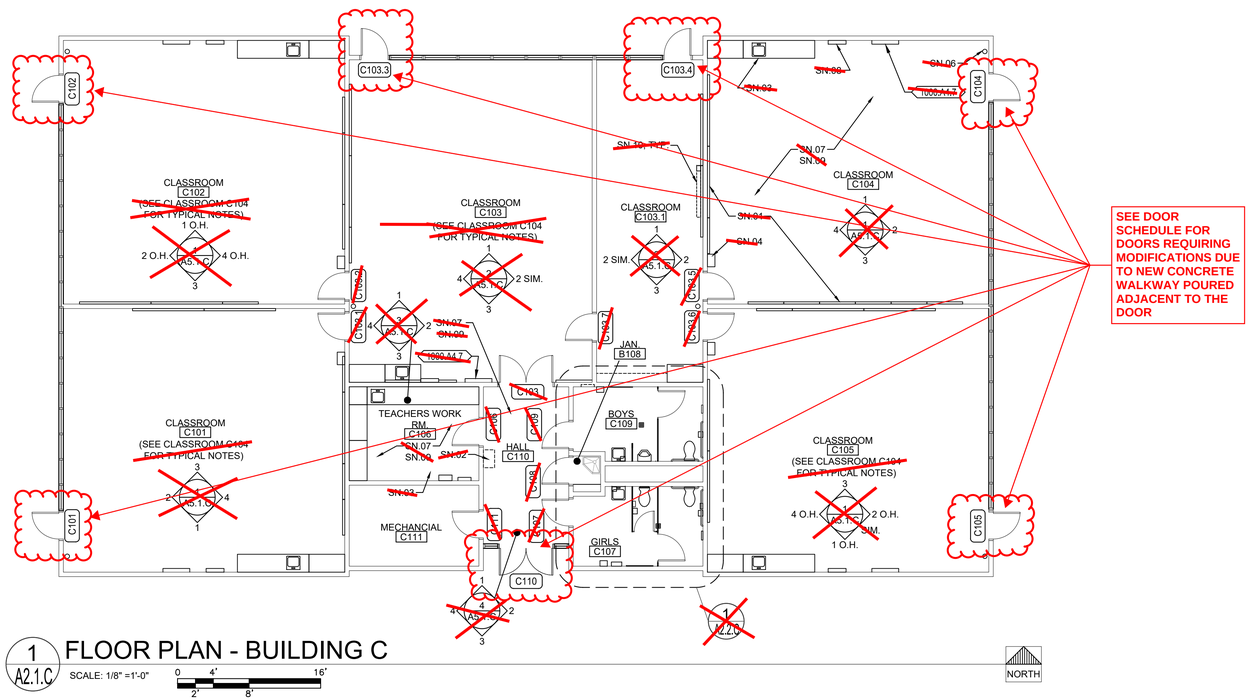


2 A2.1.C DEMOLITION FLOOR PLAN - BUILDING C

SCALE: 1/8" =1'-0" 0 4' 16' 2' 8'



1 A2.1.C FLOOR PLAN - BUILDING C

SCALE: 1/8" =1'-0" 0 4' 16' 2' 8'

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION,PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION.
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES, OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION. PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN, PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. JACOBS C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DEMOLITION & FLOOR PLANS - BUILDING C

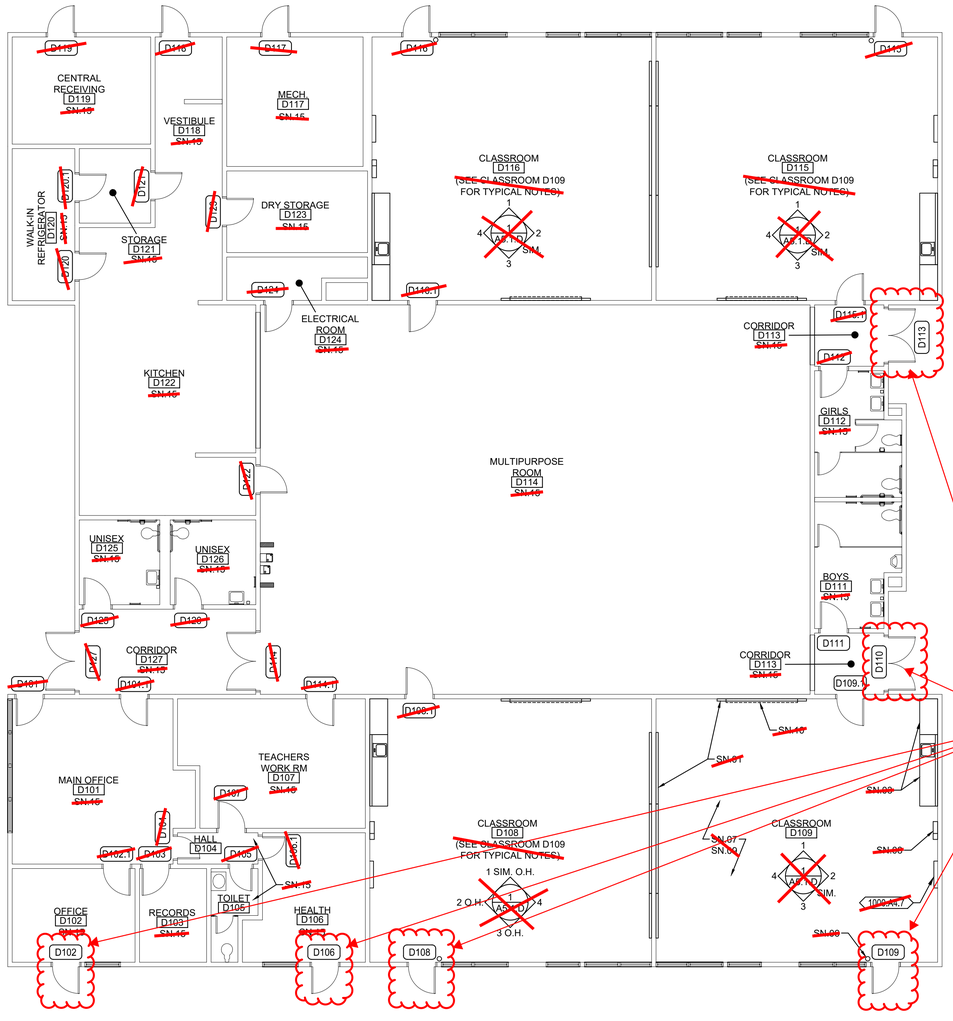
CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE 1/4"=1'-0"		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.1.C

NOTE:
CLASSROOM D108, D109, D115 & D116 ARE THE ONLY SPACES WITHIN BLDG. D THAT WILL BE PAINTED & WILL RECEIVE NEW FLOORING. SEE DOOR SCHEDULE FOR NEW WORK SCOPE AT EXTERIOR DOORS.



1 A2.2.D FLOOR PLAN - BUILDING D

SCALE: 1/8" =1'-0" 0 2' 4' 8' 16'

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A6 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED OVER (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION/PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP HACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION, PATCH (E) FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH.
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH.
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING.
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

IDENTIFICATION STAMP
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. SCHMIDT C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

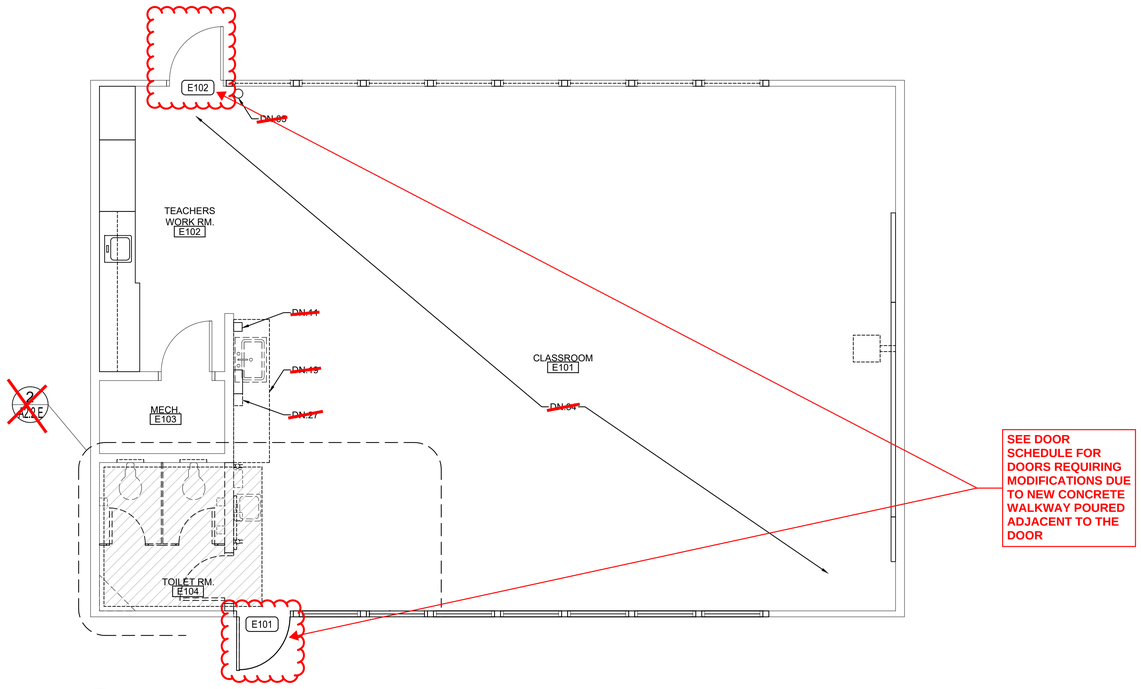
FLOOR PLAN - BUILDING D

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.2.D



SEE DOOR SCHEDULE FOR DOORS REQUIRING MODIFICATIONS DUE TO NEW CONCRETE WALKWAY POURED ADJACENT TO THE DOOR

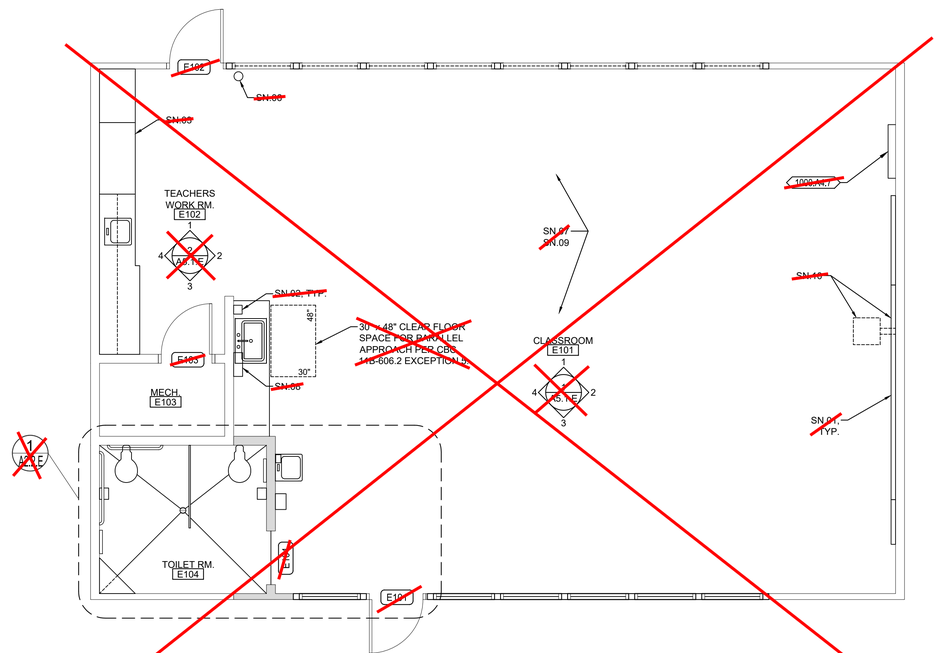
1 ~~DEMOLITION~~ FLOOR PLAN - BUILDING E

A2.1.E

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

0 2' 8'
1' 4'

NORTH



2 FLOOR PLAN - BUILDING E

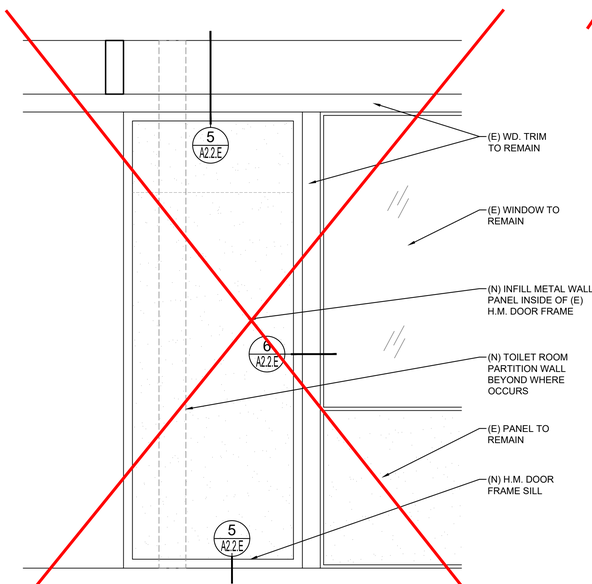
A2.1.E

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

0 2' 8'
1' 4'

NORTH

NOTE:
THERE IS NO CONSTRUCTION SCOPE AT BUILDING E EXCEPT FOR THE MODIFICATIONS TO THE 2-EXISTING EXTERIOR DOORS, THAT ARE TO REMAIN, AND AS DESCRIBED IN THE DOOR SCHEDULE



3 ELEVATION - DOOR INFILL

A2.1.E

SCALE: 3/4" =1'-0"

KEYNOTES

NOTE: NOT ALL NOTES MAY BE USED

0300 CONCRETE
0300.A1 CONCRETE SLAB ON GRADE

0600 WOOD, PLASTICS, COMPOSITES
0600.D1 PLASTIC LAMINATE CASEWORK

0900 FINISHES
0900.A5 RESINOUS FLOOR COATING W/ 6" INTEGRAL COVED BASE
0900.B5 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
0900.B7 RESINOUS WALL COATING INSTALLED O/ (E) CERAMIC TILE WAINSCOTING

1000 SPECIALTIES
1000.A4 SIGNS
.1 PARKING LOT ENTRANCE SIGN "TOWAWAY"
.2 DISABLED ACCESSIBLE PARKING STALL SIGN
.3 ROOM IDENTIFICATION SIGN
.4 RESTROOM IDENTIFICATION SIGN
.5 TACTILE EXIT SIGN
.6 SELF-ILLUMINATING EXIT SIGN
.7 ASSISTIVE LISTENING DEVICE SIGN
1000.A5 TOILET PARTITION
.1 TOILET PARTITION / PILASTER
1000.A6 URINAL PARTITION
1000.A7 TOILET ACCESSORIES
.1 PAPER TOWEL DISPENSER
.2 TOILET PAPER DISPENSER
.3 SANITARY NAPKIN DISPENSER
.4 SOAP DISPENSER
.5 MIRROR
.6 SANITARY NAPKIN DISPOSAL RECEPTACLE
.7 GRAB BAR
.8 SHELF
.9 MOP RACK
.10 BABY CHANGING STATION
.11 TOILET SEAT COVER DISPENSER
.12 WASTE RECEPTACLE
.13 WASTE RECEPTACLE-FREE STANDING

2200 PLUMBING
2200.A1 PLUMBING EQUIPMENT
.1 SINK
.2 LAVATORY
.3 TOILET
.4 URINAL
.5 DRINKING FOUNTAIN
.6 MOP SINK
.7 WATER HEATER
.8 ROOF DRAIN/OVERFLOW COMBO UNIT
.9 FLOOR DRAIN - SLOPE FLOOR TO DRAIN 2% MAX. SLOPE
.10 ROOF/OVERFLOW DRAIN DISCHARGE
.11 CONDENSATE DRAIN LINE
.12 VENT RISER PIPE
.13 BOTTLE FILLER

2300 HVAC
2300.A2 CEILING REGISTER - SEE MECHANICAL
2300.A3 MECHANICAL DUCT

2600 ELECTRICAL
2600.A2 LIGHT FIXTURE
2600.A7 FIRE ALARM DEVICE

GENERAL NOTES

1. THE EXISTING CLASSROOMS ARE NOT IDENTICAL IN REGARD TO QUANTITY OR LOCATION OF VARIOUS WALL OR CEILING MOUNTED ITEMS REQUIRED TO BE REMOVED OR PROTECTED IN PLACE AND MASKED FOR PAINTING. THE DEMOLITION PLANS AND NOTES ARE GENERAL IN NATURE AND REPRESENT THE GENERAL DEMOLITION OR PROTECT-IN-PLACE SCOPE. THE CONTRACTOR IS REQUIRED TO REMOVE OR PROTECT AND MASK IN PLACE ALL EXISTING DRY MARKER BOARDS, TACKBOARDS, CASEWORK, PROJECTION SCREENS, FIRE EXTINGUISHERS, WINDOW COVERINGS & TRACKS, LIGHT FIXTURES OR ANY OTHER ITEM WHETHER SPECIFICALLY SHOWN OR NOT AND AS REQUIRED FOR INSTALLATION OF NEW FINISHES. SOME ITEMS WILL BE REQUIRED TO BE REMOVED AND TEMPORARILY STORED AND PROTECTED FOR LATER INSTALLATION.
2. NOT ALL OF THE EXISTING INTRUSION ALARM AND DATA NETWORKING/DISTRIBUTION COMPONENTS ARE SHOWN IN THE PLANS. THESE ITEMS ARE TO REMAIN AS INSTALLED AND SHALL BE MASKED USING PLASTIC SHEETING AND ANY OTHER PROTECTION MEASURES NECESSARY DURING CONSTRUCTION OPERATIONS AND PRIOR TO PAINTING. VERIFY WITH OWNER THE EXACT PROTECTION AND MASKING MEASURES AND LIMITATIONS PRIOR TO MASKING.
3. WHERE PLUMBING FIXTURES OR OTHER COMPONENTS ARE REMOVED FROM WALLS, FLOORS OR CEILINGS AND/OR WALLS, FLOORS OR CEILINGS ARE REMOVED TO ALLOW ACCESS TO UTILITIES OR OTHER ITEMS, THE CONTRACTOR IS REQUIRED TO PATCH BACK THE EXISTING FINISH WITH LIKE FINISHES IN PREPARATION FOR INSTALLATION OF NEW FINISH.

DEMOLITION NOTES

NOTE: NOT ALL NOTES MAY BE USED

DN.01 THERE ARE NO ITEMS BEING REMOVED IN THIS ROOM EXCEPT AS MAY BE SHOWN HERE OR OTHER PLAN SHEETS. SEE ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS FOR WORK SCOPE IMPROVEMENTS
DN.02 REMOVE (E) DOOR, SIDELIGHT PANEL, TRANSOM GLAZING AND ENTIRE FRAME. PROTECT IN PLACE AND/OR SALVAGE ANY INTRUSION ALARM COMPONENTS FOR FUTURE INSTALLATION AND CONNECTION
DN.03 REMOVE (E) CASEWORK AND SHELVING
DN.04 REMOVE (E) DRY MARKER BOARDS & TACKBOARDS
DN.05 REMOVE (E) FIRE EXTINGUISHER & HANGER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.06 REMOVE (E) LIGHT FIXTURES AT CEILING OR WALLS THROUGHOUT - SEE ELECTRICAL
DN.07 REMOVE (E) DATA NETWORKING/DISTRIBUTION EQUIPMENT IF NECESSARY TO PERFORM NEW WORK OR PROTECT IN PLACE
DN.08 REMOVE (E) SOAP & PAPER TOWEL DISPENSER. STORE AND PROTECT FOR FUTURE REINSTALLATION
DN.09 DIMENSIONS PROVIDED ARE BASED ON (E) DIMENSIONS TAKEN IN THE FIELD. THIS PLUMBING FIXTURE MAY NEED TO MOVE LATERALLY AND/OR UP-DOWN TO ALLOW FOR PROPER DISABLED ACCESSIBLE CLEARANCES PER SHEET A0.1. CONTRACTOR TO COORDINATE EXACT FINAL LOCATION AND REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES..
DN.9.1 REMOVE (E) FINISHES AS REQUIRED TO MODIFY (E) OR INSTALL (N) PLUMBING FIXTURE CARRIER, WASTE LINES, PLUMBING SUPPLY LINES OR VENT PIPES ETC. PATCH BACK FINISHES TO MATCH SURROUNDING FINISHES.
DN.10 PREP (E) FLOOR AS REQUIRED TO INSTALL NEW FLOOR FINISH
DN.11 REMOVE (E) TOILET ROOM ACCESSORY
DN.12 REMOVE (E) TOILET ROOM ACCESSORIES. STORE & PROTECT FOR FUTURE REINSTALLATION
DN.13 REMOVE (E) TOILET PARTITION, MOUNTING HARDWARE AND ANY EXPOSED BLOCKING. PATCH BACK EXISTING SURFACE TO MATCH.
DN.14 REMOVE (E) LAVATORY - SEE PLUMBING
DN.15 REMOVE (E) TOILET - SEE PLUMBING
DN.16 REMOVE (E) URINAL - SEE PLUMBING
DN.17 REMOVE (E) MOP SINK - SEE PLUMBING
DN.18 REMOVE (E) WATER HEATER
DN.19 REMOVE (E) SINK, FAUCET, COUNTERTOP, LEDGERS & BASE CABINET - SEE PLUMBING. PREP WALL FOR NEW FINISHES.
DN.20 REMOVE (E) TILE, MASONITE OR FRP WAINSCOTING. PREP WALL FOR (N) FINISHESDN.21REMOVE (E) MOP HOLDER
DN.22 REMOVE (E) PARTITION, PATCH (E)FINISHES (FLOOR,WALLS & CEILING) TO MATCH SURROUNDING FINISHES WHERE PARTITION WILL NOT BE REPLACED.
DN.23 REMOVE (E) DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. INFILL DOOR OPENING PER DETAILS.
DN.24 REMOVE (E) DOOR, FRAME AND ANY TRIM. PREP OPENING FOR (N) DOOR, FRAME AND FINISHES.
DN.25 REMOVE (E) CARPET, SHEET VINYL, VINYL TILE FLOORING, SELF-COVING BASE OR RUBBER BASE. PREP FLOOR FOR NEW FINISH
DN.26 REMOVE (E) WALL MOUNTED JANITORIAL DILUTION CONTROL UNIT. STORE AND PROTECT FOR REINSTALLATION.
DN.27 REMOVE (E) SURFACE MOUNTED THERMOSTAT, ELECTRICAL OUTLET, SIGNAL OUTLET AND ANY ASSOCIATED CONDUIT AND CONDUCTOR - SEE ELECTRICAL OR MECHANICAL FOR MORE SPECIFIC MODIFICATIONS OR RELOCATION. PREP SURFACES FOR NEW FINISH.
DN.28 REMOVE (E) SURFACE MOUNTED INTRUSION ALARM, DATA NETWORKING OR OTHER DEVICE AND RELOCATE - SEE ELECTRICAL
DN.29 REMOVE (E) RETURN AIR REGISTER AND EXTEND (E) DUCT TO NEW PARTITION WALL FACE AND REINSTALL RETURN AIR REGISTER - SEE MECHANICAL
DN.30 REMOVE/RELOCATE (E) FIRE ALARM CONDUIT, CABLE AND COMPONENTS PER ELECTRICAL. PREP SURFACES FOR NEW FINISH.
DN.31 REMOVE(E) GLAZING, GLAZING TRIM, WALL PANEL & WALL PANEL TRIM AS REQUIRED FOR INSTALLATION OF (N) DOOR THIS LOCATION. PREP SURFACES FOR NEW FINISH
DN.32 REMOVE (E) WAINSCOTING OR OTHER WALL FINISHES AND PREP WALL SURFACE AS REQUIRED FOR INSTALLATION OF (N) WALL FINISH
DN.33 REMOVE (E) CONCRETE SLAB AS REQUIRED TO MODIFY OR INSTALL WASTE LINES-PATCH BACK W/ (N) CONCRETE
DN.34 REMOVE (E) CARPET & WALL BASE THROUGHOUT. SEE HAZARDOUS MATERIALS DOCUMENTATION FOR REMOVAL OF (E) VAT BELOW CARPET.

SHEET NOTES

(NOTE: NOT ALL NOTES MAY BE USED)

SN.01 (E) DRY MARKER BOARDS, TACK BOARDS AND MAP RAILS TO REMAIN IN PLACE AND PROTECTED
SN.02 (E) DATA NETWORKING COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.03 (E) CASEWORK TO REMAIN IN PLACE & PROTECTED
SN.04 (E) TELEPHONE TO REMAIN IN PLACE AND PROTECTED
SN.05 (E) FOLDING PARTITION WALL, WOOD TRIM AND BEAM ABOVE TO REMAIN IN PLACE. PREP AND PAINT BOTH SIDES OF WALL AND ALL ITEMS TO MATCH WALLS
SN.06 (E) FIRE EXTINGUISHER BRACKET TO REMAIN IN PLACE AND PROTECTED. TEMPORARILY REMOVE FIRE EXTINGUISHER AND REPLACE FOLLOWING INSTALLATION OF (N) WALL FINISH.
SN.07 (E) CARPET TO BE REPLACED WITH (N) LVP FLOORING. OTHER FINISHES TO BE PROTECTED DURING CONSTRUCTION OPERATIONS
SN.08 (E) CLOCK/SPEAKER TO REMAIN IN PLACE AND PROTECTED
SN.09 (E) DATA OUTLETS, POWER OUTLETS, LIGHT SWITCHES, ELECTRICAL PANELS, SIGNAGE, HVAC UNITS, ELECTRICAL TRANSFORMERS AND OTHER SIMILAR BUILDING COMPONENTS TO REMAIN IN PLACE AND PROTECTED. PREP AND PAINT TO MATCH WALLS ONLY IF PREVIOUSLY PAINTED.
SN.10 (E) PROJECTOR & PROJECTION SCREEN TO REMAIN IN PLACE AND PROTECTED. PAINT ANY MOUNTING BOARDS TO MATCH WALL FINISH
SN.11 INFILL FRAME (E) DOOR OPENING. PROVIDE THERMAL INSULATION AND PROVIDE GYPSUM WALLBOARD FINISH AT INTERIOR TO MATCH. - SEE ELEVATION AND DETAILS.
SN.12 (E) LIGHT FIXTURES, FIRE ALARM & INTRUSION ALARM COMPONENTS TO REMAIN IN PLACE AND PROTECTED
SN.13 (E) ACCESS PANELS, HVAC DUCTS AND REGISTERS TO REMAIN IN PLACE AND PROTECTED - PAINT TO MATCH (N) PAINT AT CEILING
SN.14 REINSTALL (E) TOILET ACCESSORIES OR JANITOR EQUIPMENT SALVAGED DURING DEMOLITION OPERATIONS
SN.15 NO NEW WORK THIS SPACE
SN.16 DISABLED ACCESSIBLE
SN.17 (E) EXPOSED WIRING, CABLING AND WIREMOLD RACEWAY TO REMAIN IN PLACE. SNAP CLOSED ANY WIREMOLD RACEWAY THAT IS NOT PROPERLY CLOSED AND INSTALL ADDITIONAL CABLE FASTENERS AS NECESSARY FOR POSITIVE ATTACHMENT TO WALL PRIOR TO PREP AND PAINT. THESE ITEMS ARE TO REMAIN IN PLACE AND BE PREP'D AND PAINTED ALONG WITH NEW WALL FINISH.
SN.18 PREP AND PAINT EXISTING WINDOW FRAMES , DOOR FRAMES AND DOOR. DO NOT PAINT THE BUILDING EXTERIOR SIDE.
SN.19 PREP AND PAINT EXISTING WALLS, HVAC REGISTERS AND CEILING SURFACES. PATCH BACK ANY DAMAGED VINYL WALLCOVERING WITH (N) TO MATCH OR CEILING OR WALL SURFACES DAMAGED DUE TO ITEMS REMOVED DURING DEMOLITION TO MATCH (E) PRIOR TO INSTALLATION OF (N) PAINTING OR FINISHES.
SN.20 PREP AND PAINT (E) EXPOSED BEAMS AND WOOD TRIM AT HEAD OF WALL
SN.21 COORDINATE INSTALLATION OF (N) TOILET OR URINAL PARTITION. PROVIDE ALL NECESSARY BLOCKING IN WALLS AND CEILINGS FOR CONNECTION POINTS. REPLACE AND REPAIR WALL AND CEILING FINISHES TO MATCH SURROUNDING FINISHES.
SN.22 (E) PLUMBING FIXTURE TO REMAIN IN PLACE. NO NEW WORK.
SN.23 (N) 2X6 WOOD STUD PARTITION WITH WATER RESISTANT GYPSUM WALLBOARD EA. SIDE. FINISH TO MATCH EXISTING WALL FINISHES. PROVIDE ACOUSTICAL INSULATION PER SPECIFICATION.
SN.24 (E) ACCESS PANELS TO REMAIN. PROTECT AND PAINT TO MATCH WALLS. CUT (N) FRP WAINSCOTING AROUND ACCESS PANEL.
SN.25 PREP AND PAINT (E) WOOD SHELVING
SN.26 REMOVE (E) CEILING TILES THAT ARE COMING LOOSE AND REINSTALL WITH NEW ADHESIVE PRIOR TO PAINTING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DEMOLITION & FLOOR PLANS - BUILDING E

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

A2.1.E

DOOR SCHEDULE

BUILDING, ROOM NAME & ROOM NUMBER	DOOR MARK	DOOR SIZE WIDTH X HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	DOOR FIRE RATING	DOOR HARDWARE SET	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	DOOR NOTES
BLDG. A															
CLASSROOM A101	A101	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P			9/A3.1.1	2, 3, 6, 16, 17
CLASSROOM A102	A102	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P			9/A3.1.1	2, 3, 6, 16, 17
CLASSROOM A102	A102	(E) PR. 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM A102	A102.1	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM A102	A102.2	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM A103	A103.3	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM A103	A103.4	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM A103	A103.5	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM A103	A103.6	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM A104	A104	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM A105	A105	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
TEACHERS WORK RM. A106	A106	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
GIRLS A107	A107	(E) 3'-0"X7'-0"	B	HM	P			2	B	HM	P	4/A3.1.1	4/A3.1.1		1, 6, 20, 22
MEN A108	A108	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
BOYS A109	A109	(N) 3'-0"X7'-0"	A	HM	P			2	B	HM	P	4/A3.1.1	4/A3.1.1		1, 6, 20, 22
HALL A110	A110	(E) PR. 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
MECH./ELEC. A111	A111	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
BLDG. B															
CLASSROOM B101	B101	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM B102	B102	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM B102	B102	(E) PR. 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM B102	B102.1	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM B102	B102.2	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM B103	B103.3	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM B103	B103.4	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM B103	B103.5	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM B103	B103.6	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM B104	B104	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM B105	B105	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
TEACHERS WORK RM. B106	B106	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
GIRLS B107	B107	(N) 3'-0"X7'-0"	A	HM	P			2	B	HM	P	4/A3.1.1	4/A3.1.1		1, 6, 20, 22
MEN B108	B108	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
BOYS B109	B109	(N) 3'-0"X7'-0"	A	HM	P			2	B	HM	P	4/A3.1.1	4/A3.1.1		1, 6, 20, 22
HALL B110	B110	(E) PR. 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
MECH./ELEC. B111	B111	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
BLDG. C															
CLASSROOM C101	C101	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM C102	C102	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM C102	C102	(E) PR. 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM C102	C102.1	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM C102	C102.2	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM C103	C103.3	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM C103.1	C103.4	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM C103.1	C103.5	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM C103.1	C103.7	(E) 3'-0"X7'-0"	B	WD	P			1	A	HM	P				2, 16
CLASSROOM C104	C104	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM C105	C105	(E) 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
TEACHERS WORK RM. C106	C106	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
GIRLS C107	C107	(N) 3'-0"X7'-0"	A	HM	P			2	B	HM	P	4/A3.1.1	4/A3.1.1		1, 6, 20, 22
MEN C108	C108	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
BOYS C109	C109	(N) 3'-0"X7'-0"	A	HM	P			2	B	HM	P	4/A3.1.1	4/A3.1.1		1, 6, 20, 22
HALL C110	C110	(E) PR. 3'-0"X7'-0"	B	WD	P			2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
MECH./ELEC. C111	C111	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
BLDG. D															
MAIN OFFICE D101	D101	(E) 3'-0"X7'-0"	B	WD				2	B	HM				9/A3.1.1	6, 16
MAIN OFFICE D101	D101.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
OFFICE D102	D102	(E) 3'-0"X7'-0"	B	WD				2	B	HM		–	–	8/A3.1.1	6, 16
OFFICE D102	D102.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
RECORDS D103	D103	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
HALL D101	D101	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
VOLLEY D105	D105	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
HEALTH D106	D106	(E) 3'-0"X7'-0"	B	WD				2	B	HM		–	–	8/A3.1.1	6, 16
HEALTH D106	D106.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
TEACHERS WORK RM D107	D107	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
CLASSROOM D108	D108	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM D108	D108.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P				2, 16
CLASSROOM D109	D109	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM D109	D109.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P				2, 16
CORRIDOR D110	D110	(E) 3'-0"X7'-0"	B	WD				2	B	HM		–	–	8/A3.1.1	6, 16
BOYS D111	D111	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
GIRLS D112	D112	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
CORRIDOR D113	D113	(E) 3'-0"X7'-0"	B	WD				2	B	HM		–	–	8/A3.1.1	6, 16
MULTI-PURPOSE ROOM D114	D114	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
MULTI-PURPOSE ROOM D114.1	D114.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
CLASSROOM D116	D116	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	9/A3.1.1	2, 3, 6, 16, 17
CLASSROOM D116	D116.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P				2, 16
CLASSROOM D117	D117	(E) 3'-0"X7'-0"	B	WD	P	–	–	2	B	HM	P	–	–	8/A3.1.1	2, 6, 16, 17
CLASSROOM D117	D117.1	(E) 3'-0"X7'-0"	A	WD	P	–	–	1	A	HM	P				2, 16
MECH./ELEC. D118	D118	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
VESTIBULE D119	D119	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
CENTRAL ELEC. SERVICE D 120	D120	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
WALK-IN REFRIGERATOR D 420	D420	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
WALK-IN REFRIGERATOR D 420	D420.1	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
STORAGE D 421	D421	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
KITCHEN D 122	D122	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
DRY STORAGE D 420	D420	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
ELECTRICAL D 124	D124	(E) 3'-0"X7'-0"							NO WORK TO THIS DOOR						
UNISEX D 125	D125	(E) 3'-0"X7'-0"							THIS DOOR TO RECEIVE NEW SIGNAGE ONLY						1, 6
UNISEX D 126	D126	(E) 3'-0"X7'-0"							THIS DOOR TO RECEIVE NEW SIGNAGE ONLY						1, 6
CORRIDOR D 127	D127	(E) PR. 3'-0"X7'-0"	B	WD	–	–	–	2	B	HM	P	–	–	8/A3.1.1	6, 16
BLDG. E															
CLASSROOM E101	E101	(N) 3'-0"X7'-0"	B	HM	P	–	–	2	B	HM	P	4/A3.1.1	4/A3.1.1	8/A3.1.1	2, 6, 16, 17
TEACHERS WORK RM. E102	E102	(N) 3'-0"X7'-0"	B	HM	P	–	–	2	B	HM	P	4/A3.1.1	4/A3.1.1	8/A3.1.1	2, 6, 16, 17
MEN E103	E103	(E) 3'-0"X7'-0"	A	WD	P			1	A	HM	P				2, 16
TOILET RM. E104	E104	(N) 3'-0"X7'-0"							NO DOOR CASE OPENING ONLY						
TOILET RM. E104	E104	(N) 3'-0"X7'-0"						2	B	HM	P	7/A3.1.1	7/A3.1.1		1, 6, 9, 10, 20

DOOR LEGEND

WD	WOOD	HM	HOLLOW METAL
T	TEMPERED SAFETY	SC	SOLID CORE WOOD
S	STAIN	PM	PREFINISHED METAL
P	PAINT	AL	ALUMINUM
F	FACTORY FINISH	TC	TEMPERED SAFETY CLEAR
E	EXISTING	SS	STAINLESS STEEL
FG	FIBER GLASS		

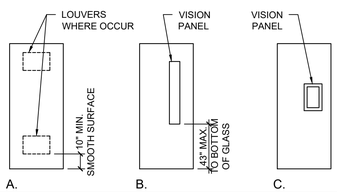
NOTE:
PER CBC SECTION 1010.1.11 ALL DOORS LEADING INTO ROOMS OR SPACES THAT HAVE AN OCCUPANT LOAD OF 5 OR MORE OCCUPANTS SHALL BE EQUIPPED WITH A DOOR LOCKSET TYPE THAT IS LOCKABLE FROM THE INSIDE. THE LOCKSET SHALL CONFORM TO THE SPECIFICATIONS AND REQUIREMENTS OF CBC SECTION 1010.1.9

DOOR NOTES

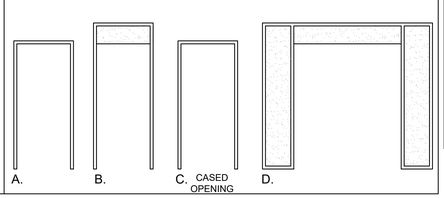
(NOTE: NOT ALL DOOR NOTES MAY BE USED)

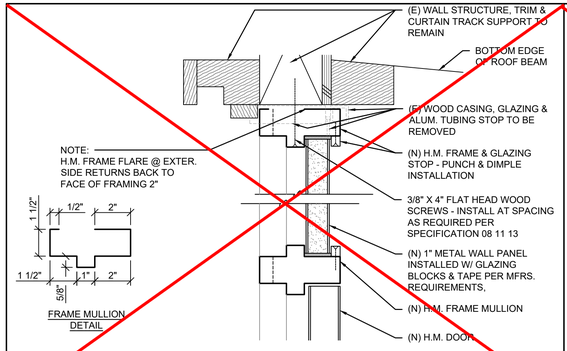
1. EXTERIOR DOORS SHALL BE WEATHER STRIPPED AND ALL JOINTS AND PENETRATIONS SHALL BE CHALKED AND SEALED.
2. PROVIDE TACTILE EXIT SIGN PER DETAIL 3/A0.1
3. PROVIDE ROOM IDENTIFICATION SIGN PER DETAIL 2/A0.1.
4. PROVIDE TOILET ROOM IDENTIFICATION SIGN PER DETAIL 2/A0.1
5. PROVIDE TOILET ROOM DOOR SYMBOLS PER DETAIL 2/A0.1.
6. CBC 11B-404.2.5: ALL THRESHOLDS SHALL BE ½ INCH HIGH MAX. (ABOVE FLOOR AND LANDING ON BOTH SIDES) FLOORING TRANSITIONS PER DETAIL 8/A3.1.1 (CBC 11B-303.2 & 11B-303.3)
   CBC 11B-404.2.8.1: DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE MINIMUM TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS
   CBC 11B-404.2.9 THE MAXIMUM FORCE FOR PUSHING OR PULLING INTERIOR OR EXTERIOR DOORS IS 5 POUNDS
   CBC 11B-404.2.7: HARDWARE (I.E.LEVER) SHALL BE CENTERED BETWEEN 34" & 44" ABOVE FLOOR.
   CBC 11B-309.4: OPERATION: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM.
7. EXIT DOORS TO BE EQUIPPED WITH PANIC HARDWARE
8. PROVIDE 1'-6" WIDE X 1'-0" HIGH LOUVER @ TOP OF DOOR
9. ALL EXTERIOR DOOR GLAZING SHALL BE DOUBLE PANE INSULATING TEMPERED SAFETY GLASS.
10. FLOOR DOOR STOPS TO BE LOCATED SO AS NOT TO CAUSE A TRIPPING HAZARD AND 4" MAX. FOR WALL.
11. UNDERCUT DOOR FOR ½" MIN. CLEARANCE.
12. UNDERCUT DOOR 1" FOR VENTILATION
13. DOOR EQUIPPED WITH ELECTRONIC ACCESS CONTROL SYSTEM
14. PROVIDE POWER FOR ELECTRIC MOTOR OPERATION. VERIFY SWITCH LOCATION.
15. SEE ORNAMENTAL METAL FENCE DETAILS ON SHEET A1.2.1
16. REMOVE (E) THRESHOLD WHERE OCCURS PRIOR TO DEMO & INSTALLATION OF (N) CONCRETE WALKWAY. DO NOT REMOVE (E) CAST-IN-PLACE STEEL ANGLE @ THRESHOLD. REMOVE (E) DOOR, UNDERCUT DOOR, INSTALL DOOR BOTTOM, INSTALL (N) THRESHOLD FOLLOWING INSTALLATION OF (N) WALKWAY, REINSTALL DOOR AND ADJUST (N) DOOR BOTTOM TO (N) THRESHOLD
17. (E) DOOR, FRAME & HARDWARE TO REMAIN EXCEPT AS NOTED OTHERWISE. PAINT INTERIOR FACE AND EDGES OF (E) DOOR AND FRAME PER INTERIOR ELEVATIONS AND FINISH SCHEDULE. PAINT OVER ALL EXISTING PAINTED SURFACES THAT ARE CURRENTLY PAINTED WITH INTERIOR PAINT. EXTERIOR FACE OF DOOR SHALL NOT BE PAINTED.
18. (E) DOOR, FRAME & HARDWARE TO REMAIN EXCEPT AS NOTED OTHERWISE. PAINT BOTH SIDES OF DOOR & FRAME WITH PAINT COLOR AS INDICATED.
19. (E) DOOR, HARDWARE & SIDE LIGHT GLAZING TO BE REMOVED. MODIFY FRAME AS DETAILED TO ACCEPT (N) METAL WALL PANEL. PAINT EXTERIOR SIDE OF EXISTING FRAME AND (N) METAL WALL PANEL TO MATCH (E) BUILDING PAINT COLORS. PAINT INTERIOR SIDE OF EXISTING FRAME AND (N) METAL WALL PANELS PER INTERIOR ELEVATIONS & FINISH SCHEDULE.
20. FIELD VERIFY (E) DOOR AND/OR FRAME SIZE PRIOR TO ORDERING AND FABRICATION
21. REMOVE (E) DOOR & HARDWARE AND REPLACE WITH (N) DOOR & HARDWARE. PAINT EXTERIOR SIDE OF EXISTING FRAME AND (N) DOOR TO MATCH (E) BUILDING PAINT COLORS. PAINT INTERIOR SIDE OF EXISTING FRAME AND (N) DOOR PER INTERIOR ELEVATIONS & FINISH SCHEDULE.
22. REMOVE (E) DOOR, FRAME & HARDWARE AND REPLACE WITH (N) DOOR, FRAME & HARDWARE. PAINT (N) DOOR AND FRAME PER INTERIOR ELEVATIONS & FINISH SCHEDULE.

DOOR TYPES

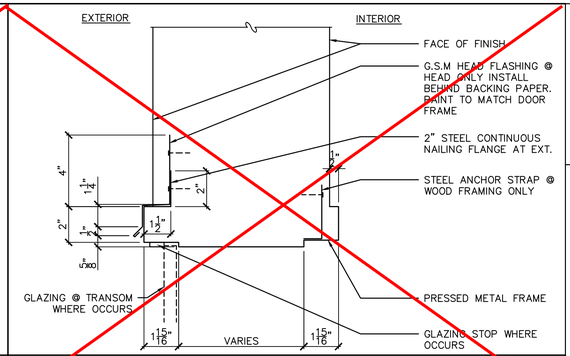


FRAME TYPES

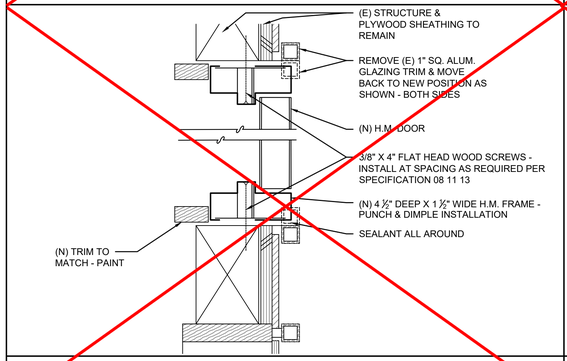




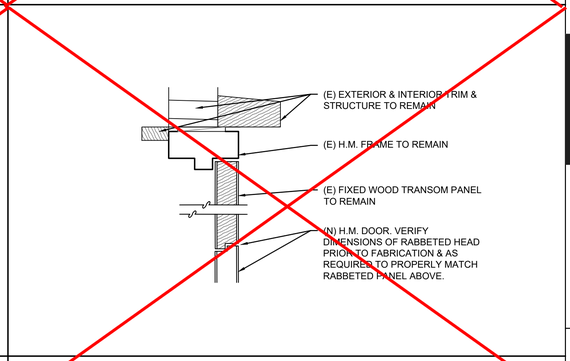
5 EXTERIOR DOOR HEAD W/ TRANSOM
SCALE: 3" = 1'-0"



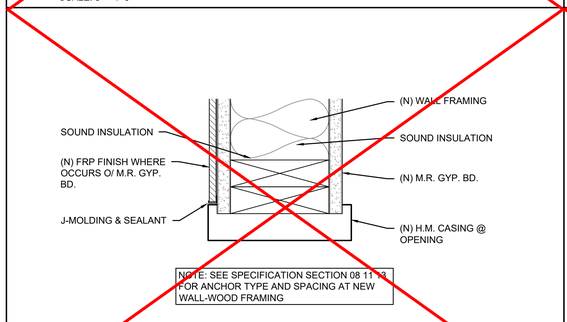
1 TYP. DR./TRANSOM FRAME HEAD/JAMB AT EXTERIOR STUD WALL
SCALE: 3" = 1'-0"



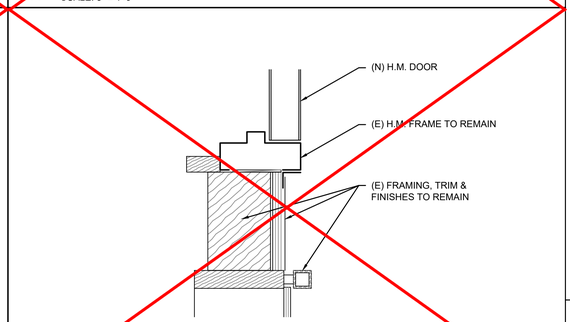
6 EXTERIOR DOOR JAMBS
SCALE: 3" = 1'-0"



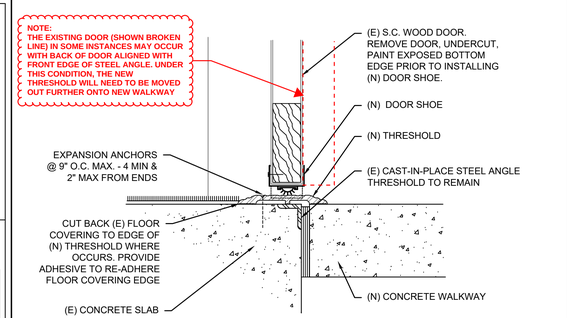
2 EXTERIOR DOOR HEAD
SCALE: 3" = 1'-0"



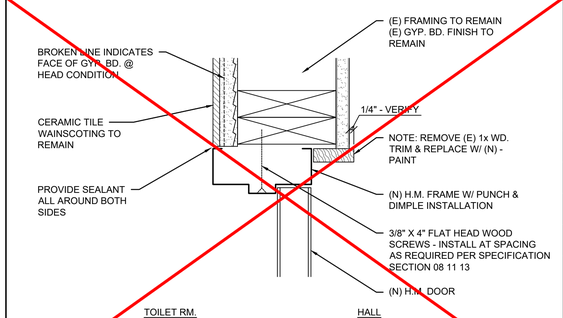
7 CASED OPENING
SCALE: 3" = 1'-0"



3 EXTERIOR DOOR JAMB
SCALE: 3" = 1'-0"



8 DOOR THRESHOLD
SCALE: 3" = 1'-0"



4 INTER. DOOR & HEAD/JAMB
SCALE: 3" = 1'-0"

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DOOR SCHEDULE & DETAILS

CONSULTANT

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

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MECHANICAL GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES AND INDUSTRY STANDARDS.
2. VERIFY EXACT LOCATION OF ALL (E) EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS AND GRILLES. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN (E) SYSTEMS AND DRAWINGS.
3. ~~COORDINATE EXACT LOCATION OF EQUIPMENT AND ALL PENETRATIONS THROUGH ROOF, FLOORS AND WALLS WITH ARCHITECTURAL STRUCTURAL SYSTEMS PRIOR TO COMMENCING WORK.~~
4. COORDINATE EXACT SIZE AND ROUTING OF DUCTWORK WITH ARCHITECTURAL PLANS, STRUCTURE AND EQUIPMENT PRIOR TO COMMENCING WORK.
5. ~~SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES.~~
6. ~~FURNISH AND INSTALL MANUAL AIR DAMPERS AT ALL DUCT BRANCH TAKEOFFS TO A SINGLE SUPPLY DUFFUSER.~~
7. ~~FLEXIBLE DUCTWORK CONNECTIONS TO CEILING DIFFUSERS ARE LIMITED TO 5' MAXIMUM LENGTH.~~
8. ~~ALL DUCTWORK, CEILING DIFFUSERS/REGISTERS/GRILLES, EQUIPMENT, PIPING ETC., ARE NEW U.O.N. (SHOWN HEAVY). (E) DUCTWORK, PIPING ETC. IS SHOWN LIGHT. SEE LEGEND.~~
9. ~~(E) DUCTWORK AND ITEMS TO BE REMOVED ARE SHOWN CROSSED ("X") OUT, SEE LEGEND, COORDINATE CLOSELY WITH (N) DUCTWORK AND P.O.C.'S SHOWN. ALL OTHER (E) DUCTWORK, ETC. TO REMAIN.~~
10. ~~WHERE INLET DUCT DIAMETER AND DIFFUSER NECK SIZE ARE THE SAME (I.E. 9"Ø & 9x9) CONTRACTOR SHALL OVERSIZE THE SHEET METAL PLENUM TO ACCOMODATE THE ROUND DUCT CONNECTION.~~
11. ~~THERMOSTATS AND ROOM TEMPERATURE SENSORS SHALL BE INSTALLED AT 48" ABOVE FINISHED FLOOR (TO TOP OF DEVICE). DO NOT INSTALL THERMOSTATS AND ROOM TEMPERATURE SENSORS ABOVE CASEWORK, SHELVING OR OTHER OBSTRUCTIONS OVER 24" IN DEPTH AND 34" IN HEIGHT.~~

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BEWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENETS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON PREAPPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER). COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☐ E☐ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS

MP☒ MD☒ PP☐ E☐ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM # #0043-13

MECHANICAL LEGEND cont'd

SYMBOL	ABBREVIATION	DESCRIPTION
	ABV	ABOVE
	ABC	ABOVE CEILING
	BDD	BACK DRAFT DAMPER
	BHP	BRAKE HORSE POWER
	BTU(H)	BRITISH THERMAL UNITS (PER HOUR)
	CLG	CEILING
	CEF	CEILING EXHAUST FAN
	CFM	CUBIC FEET OF AIR FLOW PER MINUTE
	DPR	DAMPER
°F		DEGREES FAHRENHEIT
	DIA	DIAMETER , PHASE
	DL	DOOR LOUVER
	ENT	ENTERING
	EDB	ENTERING DRY BULB
	EW	ENTERING WATER
	EWT	ENTERING WATER TEMPERATURE
	EWB	ENTERING WET BULB
	EVAP	EVAPORATOR
	EA	EXHAUST AIR
	EAD	EXHAUST AIR DAMPER
	EF	EXHAUST FAN
	(E), EXIST	EXISTING
—×—×—	(E)	EXISTING TO BE REMOVED
	ESP	EXTERNAL STATIC PRESSURE
	FLA	FULL LOAD AMPS
	GA	GAUGE
	HTG	HEATING
	KW	KILOWATTS
	KWH	KILOWATT HOUR
	LDB	LEAVING DRY BULB IN DEGREES FAHRENHEIT
	LWB	LEAVING WET BULB IN DEGREES FAHRENHEIT
	LRA	LOCKED ROTOR AMPERES
	LVR	LOUVER
	MAD	MANUAL AIR DAMPER
	MD	MOTORIZED AIR DAMPER
	MIN	MINIMUM
	MCC	MOTOR CONTROL CENTER
	(N)	NEW
	OA	OUTSIDE AIR
	OAD	OUTSIDE AIR DAMPER
	POC	POINT OF CONNECTION
— RS —	RS	REFRIGERANT SUCTION PIPING
— RL —	RL	REFRIGERANT LIQUID PIPING
	RV or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	RA	RETURN AIR
	RAD	RETURN AIR DAMPER
	RPM	REVOLUTIONS PER MINUTE
	RLA	RUNNING LOAD AMPERES
	SM	SHEET METAL
	SQFT	SQUARE FEET
	SQIN	SQUARE INCHES
	SP	STATIC PRESSURE
	SA	SUPPLY AIR
(T) X	T	THERMOSTAT, "X" INDICATES DEVICE CONTROLLED. 48" AFF (TO TOP OF STAT)
	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
	TSP	TOTAL STATIC PRESSURE
	TYP	TYPICAL
	WT	WEIGHT

DIFFUSER, REGISTER & GRILLE SCHEDULE

SYMBOL	DESCRIPTION	KRUEGER	METALAIRE	NAILOR	TITUS	TUTTLE & BAILEY
R, T, E *	CEILING OR SIDEWALL RETURN, TRANSFER OR EXHAUST GRILLE WITH 35° OR 45° HORIZONTAL BARS.	S 80 H	SRH	7145 H	350 RL	T70D

NOTES: 1. ALL SYMBOLS NOTED MAY NOT BE USED. REFER TO PLANS FOR SIZE AND QUANTITY. 2. FURNISH ALL PRODUCTS OF A SINGLE MANUFACTURER. 3. COORDINATE DIFFUSER TYPE WITH ARCHITECTURAL REFLECTED CEILING PLAN.

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN ... C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - LEGEND, SCHEDULE AND NOTES

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THOMAS A. DUVAL M 22836 EXPIRES 9/30/24 MECHANICAL STATE OF CALIFORNIA

DATE SIGNED: 12/20/2022

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

M0.1

capital engineering
RANCHO CORDOVA, CALIFORNIA
MM - RL 220210.00
PM - DESIGN TEAM PROJECT NO.

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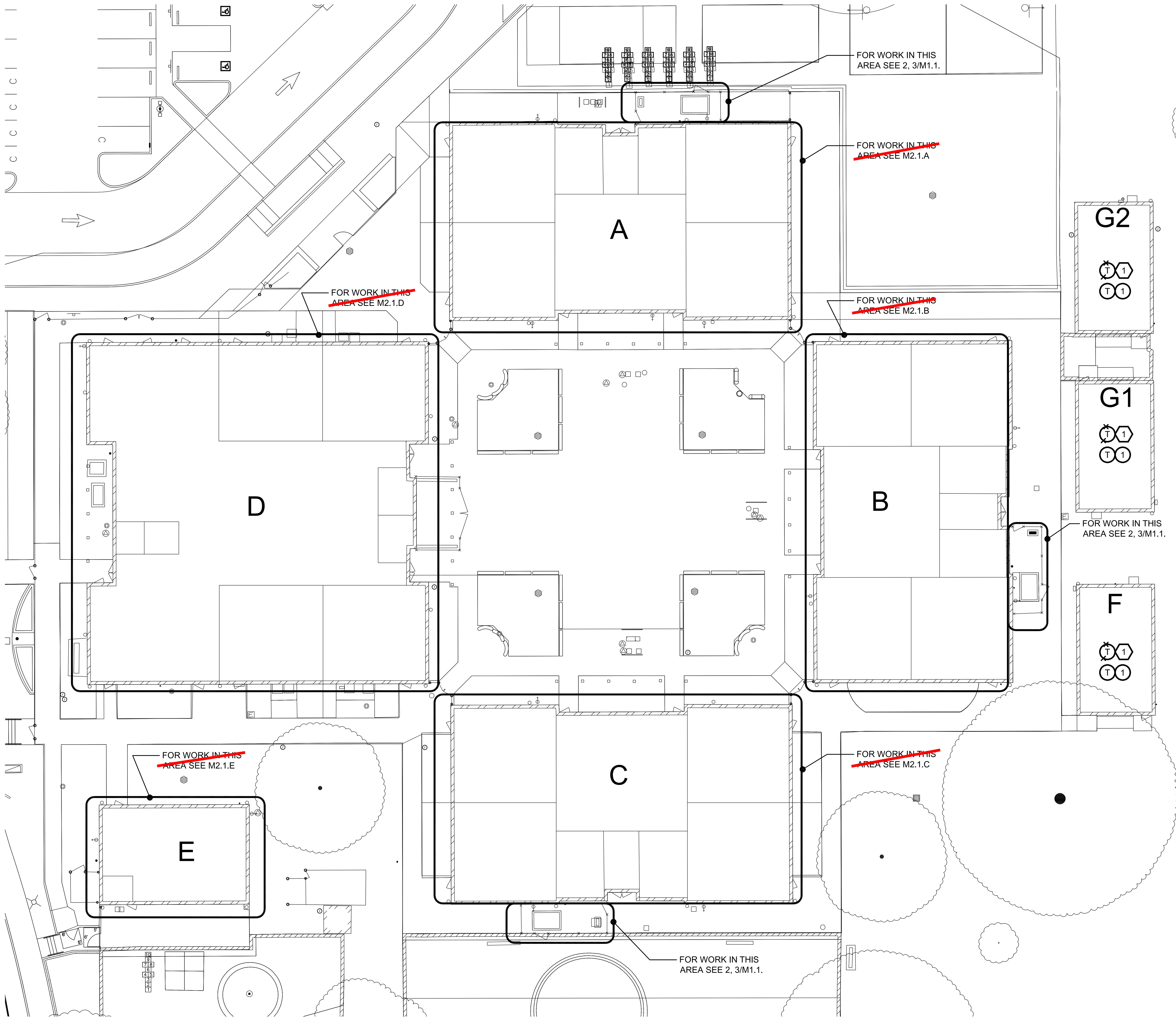


1 / M1.1 MECHANICAL SITE PLAN

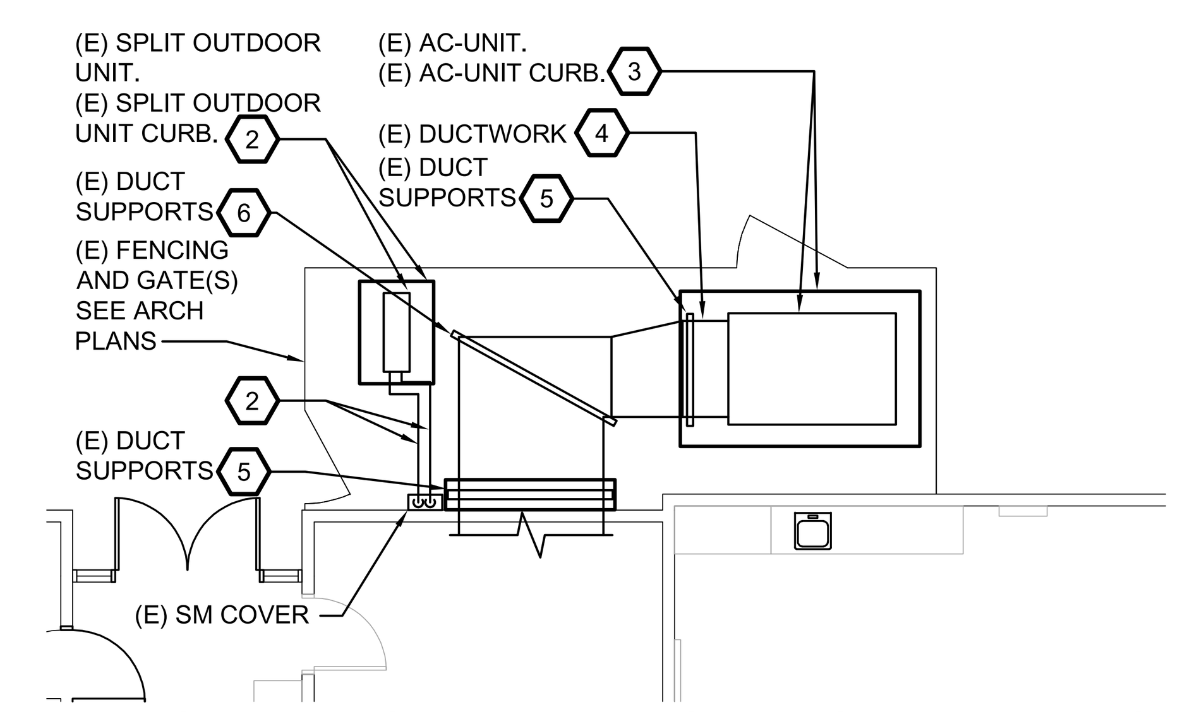
SCALE: 1" =20'-0"

DEMOLITION SHEET NOTES:

1. REMOVE THERMOSTAT AND PREPARE LOCATION FOR NEW STAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
2. (E) SPLIT OUTDOOR UNIT AND CURB TO REMAIN. DISCONNECT LINE SETS AND MOVE OUT OF WAY OF CONCRETE WORK. SET ASIDE FOR FUTURE REINSTALLATION. PROVIDE WRAP OVER THE (E) SPLIT OUTDOOR UNIT WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
3. (E) PACKAGE AC-UNIT AND CURB TO REMAIN. PROVIDE WRAP OVER THE (E) AC-UNIT WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
4. (E) DUCTWORK TO REMAIN. TEMPORARILY SUPPORT DUCTWORK IN ORDER FOR DEMOLITON AND NEW CONCRETE WORK.
5. (E) DUCT SUPPORT TO REMAIN AND PAD TO REMAIN. PROVIDE WRAP OVER THE (E) DUCTWORK WITH HEAVY PLASTIC SHEET TO PROTECT AGAINST CONCRETE SPLATTERS, DUST AND OTHER DAMAGE DURING CONCRETE WALKWAY DEMOLITION AND NEW CONSTRUCTION OPERATIONS.
6. (E) DUCT SUPPORT TO BE REMOVED AND SET ASIDE. TEMPORARILY SUPPORT DUCTWORK DURING DEMOLITION AND NEW CONCRETE WORK.

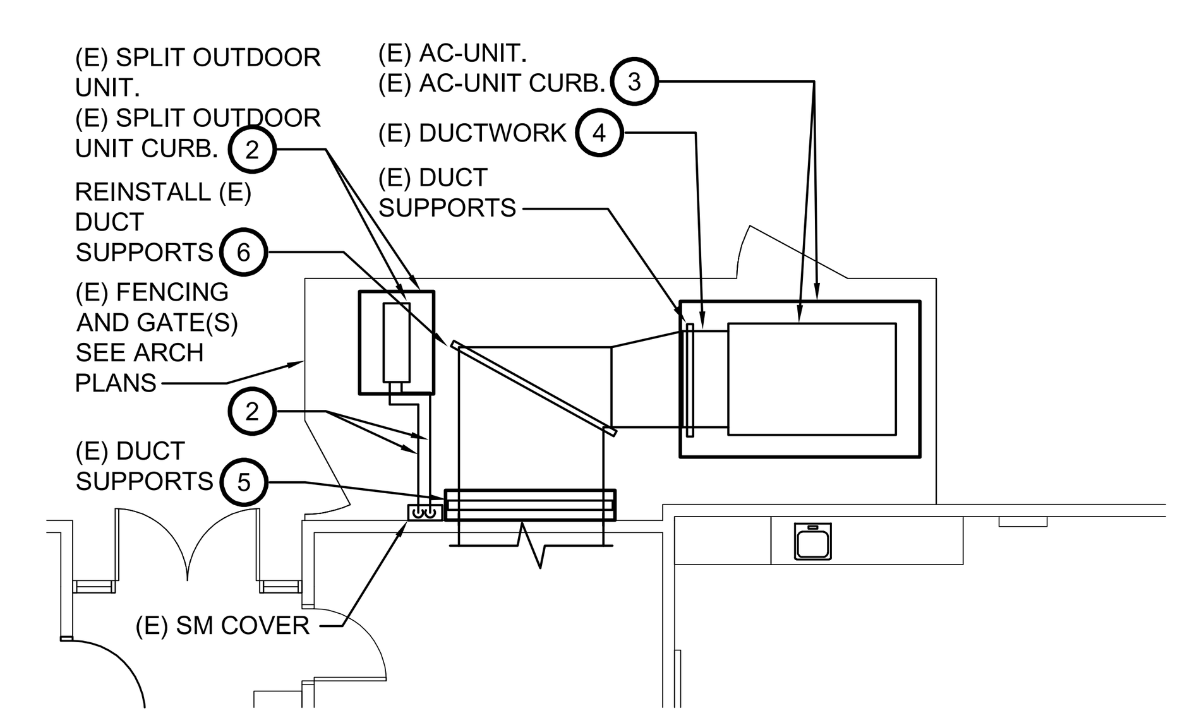
SHEET NOTES:

1. NEW PELICAN THERMOSTAT WITH TOP OF BOX AT 46" ABOVE FINISHED FLOOR.
2. (E) SPLIT OUTDOOR UNIT AND CURB. COMB OUT ALL COIL FINS. REINSTALL (E) REFRIGERANT LINE SETS AND RECHARGE WITH NEW REFRIGERANT TO EQUIPMENT PER SPECIFICATIONS. SEE 3/M5.1 FOR DETAIL.
3. (E) PACKAGE AC-UNIT AND CURB. COMB OUT ALL COIL FINS.
4. (E) DUCTWORK TO REMAIN.
5. (E) DUCT SUPPORT AND PAD TO REMAIN.
6. REINSTALL (E) DUCT SUPPORT. ADJUST HEIGHT OF SUPPORT TO WORK WITH NEW FINISHED GRADE ELEVATION. SECURE TO CONC. W/ (4) 3/8"DIA. 'HILTI' KWIK BOLT TZ2, W/ MIN. 1-5/8" EMBEDMENT.



2 / M1.1 MECHANICAL DEMOLITON - HVAC ENLARGED BUILDING YARD PLAN

SCALE: 1/8" =1'-0" (SIMILAR FOR BUILDING A, B AND C)



3 / M1.1 MECHANICAL - HVAC ENLARGED BUILDING A YARD PLAN

SCALE: 1/8" =1'-0" (SIMILAR FOR BUILDING A, B AND C)

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LICENSED ARCHITECT C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

MECHANICAL - OVERALL DEMOLITION AND NEW SITE

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THOMAS A. DUVAL M 22836 EXPIRES 9/30/24 MECHANICAL STATE OF CALIFORNIA

DATE SIGNED: 12/20/2022

PROJECT NO. 21-32-052	REVISIONS	BY
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MM - RL PM - DESIGN TEAM
220210.00 PROJECT NO.

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PLUMBING GENERAL NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS AND EXACT LOCATIONS OF PLUMBING FIXTURES.
2. COORDINATE LOCATION OF PIPING WITH OTHER TRADES ON THIS PROJECT.
3. ~~CONCEAL ALL PIPING IN WALL FURRING, PARTITIONS, ETC., EXCEPT AT MECHANICAL ROOMS.~~
4. ~~SEAL ALL PIPE PENETRATIONS THRU FLOORS WATERTIGHT.~~
5. ~~ALL FLOOR MOUNTED FIXTURES, CLEAN OUTS & FLOOR DRAINS TO BE FLUSH MOUNTED WITH 2% MAX. SLOPE.~~
6. ~~DOMESTIC HOT WATER HEATERS SHALL BE SEISMICALLY SECURED TO BUILDING STRUCTURE WITH ADEQUATE STRUCTURAL SUPPORT WITH ANCHOR BOLTS.~~
7. ~~PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL OF THE ENFORCING AGENCY.~~
8. ~~OFFSET VENTS THRU ROOF 10 FEET MINIMUM FROM AIR INTAKES AND 4 FEET FROM OUTSIDE WALLS.~~
9. FIELD VERIFY EXACT SIZES, LOCATIONS AND ELEVATIONS OF ALL PIPING CONNECTIONS, OTHER WORK, ETC., PRIOR TO TRENCHING OR INSTALLING OF ANY NEW WORK.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTIACLES HAVING FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED.ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BEWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENETS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON PREAPPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER). COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☐ E ☐ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS

MP☐ MD☐ PP☒ E ☐ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #) #0043-13

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	AP/ AD	ACCESS PANEL WITH ACCESS DOOR
	ABC	ABOVE CEILING
	COP	CAP ON END OF PIPE
	CKV	CHECK VALVE
	CW	COLD WATER
	CWR	COLD WATER RISE
	CWD	COLD WATER DROP
CD	CD	CONDENSATE DRAIN LINE (INSIDE BLDG. TO BE INSULATED)
CD	CD	CONDENSATE DRAIN LINE (EXTERIOR NO INSULATION)
CO CO	CO	CLEANOUT
°F		DEGREES FAHRENHEIT
	DIA.	DIAMETER , SQUARE (FEET)
	(D), (R)	DROP, RISE
	(E)	EXISTING TO BE REMOVED
FU		FIXTURE UNIT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
FV , FT		FLUSH VALVE , FLUSH TANK
(FA) , (TA)		FROM ABOVE , TO ABOVE
(FB) , (TB)		FROM BELOW , TO BELOW
	G	GAS
	GSOV	GAS SHUT OFF VALVE
	GV	GATE VALVE
	GPM	GALLONS PER MINUTE
	GLV	GLOBE VALVE
	GPR	GAS PRESSURE REGULATOR
Ø	CO	GRADE CLEANOUT
	HB	HOSE BIBB
	HW	HOT WATER PIPING
	HWR	HOT WATER PIPING RISE
	HWD	HOT WATER PIPING DROP
	HWRET	HOT WATER RETURN
	HWRET(R)	HOT WATER RETURN RISE
	HWRET(D)	HOT WATER RETURN DROP
	(N) , (E)	NEW , EXISTING
	POC	POINT OF CONNECTION, NEW TO EXISTING
P & TRV	P & TRV	PRESSURE & TEMPERATURE RELIEF VALVE PIPING
	RV or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	RET	RETURN
	RE , IE	RIM ELEVATION , INVERT ELEVATION
	(R) , (D)	RISE , DROP
		RISER DOWN (ELBOW)
		RISER UP (ELBOW)
	R , D	RISE OR DROP
	RD	ROOF DRAIN
	S, W	SOIL, WASTE OR SANITARY SEWER BELOW FLOOR
	TYP	TYPICAL
	UF	UNDER FLOOR
	V	VENT PIPING
V , VR , VTR		VENT , VENT RISER , VENT THRU ROOF
	VB	VALVE BOX

ELECTRIC WATER HEATER SCHEDULE

(schedule crossed out on drawing)

UNIT	LOCATION	"AO SMITH" MODEL NO.	STORAGE CAPACITY GALLONS	RECOVERY GALLONS @ 100° F RISE	MAX. TEMP SETTING	TOTAL WATTAGE	KW	VOLTAGE	WEIGHT (FULL)	PIPING DETAIL	MOUNTING DETAIL	NOTES
EWH 1E	TEACHERS WK. ROOM E102	[illegible]	6	6 GPH	90°F	1650	1.65	120V/1Ø	85	1 P5.1	2 P5.1	1. SINGLE ELEMENT OPERATION 2. SIDE WATER CONNECTIONS.

EXPANSION TANK SCHEDULE

(schedule crossed out on drawing)

UNIT	LOCATION	"AMTROL" MODEL NO.	TANK VOLUME GALLONS	MAX. ACCEPT. VOLUME	DETAIL	NOTES
ET 1E	TEACHERS WK. ROOM E102	ST-5	2.0	0.45	2 P5.1	8"Ø x 12", 13 LBS. SUPPORT W/QUICK STRAP #QS-5

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HENRY+ ASSOCIATES ARCHITECTS

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PLUMBING - LEGEND, SCHEDULE AND NOTES

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THOMAS A. DUVAL M 22836 EXPIRES 9/30/24 MECHANICAL STATE OF CALIFORNIA

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PLUMBING FIXTURE SPECIFICATION & CONNECTION SCHEDULE

ADA	SYMBOL	FIXTURE	FIXTURE MANUFACTURER AND MODEL No.	FAUCET OR VALVE MANUFACTURER AND MODEL No.	TRIM MANUFACTURER AND MODEL No.	REMARKS	VENT	WASTE		COLD WATER		HOT WATER	
								BRANCH	OUTLET	BRANCH	OUTLET	BRANCH	OUTLET
	WC-1	**WATER CLOSET** WALL MOUNTED FLUSH VALVE STD/ACCESSIBLE	"AMERICAN STANDARD" AFWALL NO. 3351.001, 1.28 GPF WALL HUNG, VITREOUS CHINA, ELONGATED, SIPHON JET ACTION, 1-1/2" TOP SPUD.	"SLOAN" ROYAL 111 HET 1.28, ADA COMPLIANT, 1.28 GPF (MANUAL)	SEAT: "CHURCH" MODEL 295SSCT OR "BEMIS" MODEL 1955SSCT. PROVIDE WITH SELF- SUSTAINING CONCEALED CHECK HINGES, ONE PIECE STAINLESS STEEL POST HINGES, WHITE COLOR. CARRIER: "J.R. SMITH" 100 OR 200 SERIES OR "ZURN" Z1203 AND Z1204 SERIES PROVIDE REAR SUPPORT LUG AND ANCHOR FOOT ASSEMBLY.	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS. WHERE USED FOR CBC ACCESSIBLE WATER CLOSETS, THE FLUSH VALVE HANDLE SHALL BE MOUNTED ON THE WIDE SIDE OF THE WATER CLOSET ENCLOSURE.	2"	4"	4"	1-1/4"	1"	--	--
	WC-2	**WATER CLOSET** FLOOR MOUNTED FLUSH VALVE KINDERGARTEN	"KOHLER" PRIMARY 1.28, NO. K-96064-SS FLOOR MOUNTED, ELONGATED, SIPHON JET ACTION 1-1/2" TOP SPUD, 10-1/2" RIM HEIGHT. ANTIMICROBIAL	"SLOAN" ROYAL 111 HET 1.28, ADA COMPLIANT, 1.28 GPF (MANUAL)	SEAT: "KOHLER" MODEL K-4686 . PROVIDE WITH SELF-SUSTAINING CONCEALED CHECK HINGES, ONE PIECE STAINLESS STEEL POST HINGES, WHITE COLOR.	WHERE USED FOR CBC ACCESSIBLE WATER CLOSETS, THE FLUSH VALVE HANDLE SHALL BE MOUNTED ON THE WIDE SIDE OF THE WATER CLOSET ENCLOSURE.	2"	4"	4"	1-1/4"	1"	-	-
	UR-1	URINAL WALL MOUNTED FLUSH VALVE ACCESSIBLE	"AMERICAN STANDARD" PINTBROOK NO. 6002.001, 0.125 GPF, WALL HUNG, VITREOUS CHINA, SIPHON JET ACTION. 3/4" TOP SPUD, 2" THREADED OUTLET.	"SLOAN" ROYAL 186-0.125DBP, 0.125 GPF (MANUAL) POLISHED CHROME	CARRIER: "J.R. SMITH" 637 SERIES OR "ZURN" Z1222	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS.	1 1/2"	2"	2"	1-1/2"	3/4"	--	--
	L-1	LAVATORY WALL MOUNTED COLD WATER ONLY STD/ACCESSIBLE	"AMERICAN STANDARD" LUCERNE NO. 0355.012, WALL HUNG, VITREOUS CHINA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, FRONT OVERFLOW, CONCEALED ARM RECESS, 4" CENTERS, 20" x 18" D SHAPED BOWL	"MOEN" 8884 NEWER VERSION, SINGLE-HANDLE ADA METERING LAVATORY FAUCET, CHROME PLATED SOLID BRASS CONSTRUCTION, SINGLE HOLE MOUNT, 0.5GPM MAX, ADA COMPLIANT. PROVIDE WITH DECK PLATE	ADA COMPLIANT. LAVATORY GRID DRAIN WITH 1-1/4" OFFSET TAILPIECE INTEGRAL PERFORATED GRID NO. 7723.018, CHROME FINISH. MOUNT P-TRAP FLUSH TO WALL. CARRIER: "J R SMITH" 0700 OR ZURN Z1231	MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS. PROVIDE CONCEALED ARMS AND FLOOR SUPPORT, WITH FEET OF SUPPORT SECURELY ANCHORED TO FLOOR. IN ADDITION ANCHOR TOP OF SUPPORT TO WALL CONSTRUCTION.	1 1/2"	2"	1 1/2"	3/4"	1/2"	-	-
	S-1	**SINK** COUNTER MOUNTED COLD WATER ONLY W/BUBBLER	"ELKAY" MODEL DRKADQ3119-65-BP, 19" FRONT TO BACK, 31" WIDE x 6-1/2" DEPTH OVERALL. 18 GAUGE STAINLESS STEEL, SIDE LEDGES WITH SELF-RIM. PROVIDE REAR DRAIN LOCATION, VANDAL RESISTANT BACKING PLATE AT BUBBLER AND FAUCET FOR VANDAL RESISTANT PINS. BACKING PLATE SHALL BE 14 GAUGE SS FORMED AS A CHANNEL.	"CHICAGO" ECAST MODEL 350-E35ABCP(VVAVVP) GOOSENECK FAUCET, "HAWS" 5054LF BUBBLER, VANDAL RESISTANT. PROVIDE VANDAL PROOF PIN (VPP) IN BUBBLER AND FAUCET, ARRANGE TO MATE WITH SLOTS IN SINK. PROVIDE 1.5 GPM VANDAL RESISTANT LAMINAR FLOW AERATOR.	"ELKAY" MODEL LKAD18, OFFSET STRAINER DRAIN AND P-TRAP. INSTALL P-TRAP FLUSH TO WALL.	ARRANGE FINAL INSTALLATION OF SINK SUCH THAT THE BUBBLER WILL BE WITHIN 5" OF THE EDGE OF THE COUNTERTOP. INSTALL FAUCET IN CENTER OF SIDE SPLASH. PROVIDE SLOT FOR BUBBLER AT 15° ANGLE FROM FRONT OF THE SINK, AND INSTALL THE BUBBLER AT 15° ANGLE	1-1/2"	2"	1-1/2"	3/4"	1/2"	-	-
	FD	**FLOOR DRAIN**	GENERAL SERVICE FD - ZURN MODEL Z-415, OR EQUAL, WITH TYPE "B" STRAINER FOR EXPOSED CONCRETE AND TYPE "S" STRAINER FOR TILE FLOOR. PROVIDE BRONZE TRIM. FD IN MECHANICAL SERVICE AREAS - ZURN MODEL Z-541, OR EQUAL, 12 INCH DIAMETER HEAVY DUTY DRAIN. FD IN AT INDIRECT DRAIN LOCATIONS - ZURN MODEL Z-415, OR EQUAL, WITH TYPE "I" STRAINER, RECESS RIM FLUSH WITH FLOOR. OTHER APPROVED EQUAL MANUFACTURERS INCLUDE: JAY R. SMITH, WATTS & MIFAB.				2"	2"	2"	-	-	-	-
	TP	TRAP PRIMER	MIFAB "M-500" SERIES. REQUIRES 3PSI DROP TO ACTIVATE.			PROVIDE ACCESS PANEL	-	-	-	1/2"	1/2"	-	-
	HB	HOSE BIBB	INTERIOR WALL MOUNTED - ACORN MODEL 8121CP-LF WOODFORD MODEL 24PC, OR EQUAL.	WITH INTEGRAL VACUUM BREAKER PROTECTED, CARTRIDGE OPERATED HOSE VALVE WITH LOCK SHIELD BONNET AND REMOVABLE KEY HANDLE.		SET HEIGHT AT 18" ABOVE FINISHED FLOOR	-	-	-	1"	3/4"	-	-
	WHA	WATER HAMMER ARRESTOR	SEE SPECIFICATIONS										
	DF-1	**DRINKING FOUNTAIN** PEDESTAL CHILD ADA/ STANDARD DUAL HEIGHT	"HAWS" 3150 CHILD ADA DUAL HEIGHT PEDESTAL DRINKING FOUNTAIN	INTEGRAL	WITH P-TRAP DRAIN TO DRYWELL	INSTALL PER MANUFACTURER'S RECOMMENDATIONS CHILD ADA HIGH/ LOW DRINKING FOUNTAIN	-	-	-	3/4"	1/2"	-	-

GENERAL NOTES:

1. WATER SUPPLIES AND STOPS:
   A. PROVIDE 85 PERCENT IPS RED BRASS PIPE, SECURELY ANCHORED TO BUILDING CONSTRUCTION, FOR EACH CONNECTION TO FAUCETS, STOPS, HOSE BIBBS, ETC. EACH FIXTURE, EXCEPT HOSE BIBBS, SHALL HAVE A STOP VALVE INSTALLED ON WATER SUPPLY LINES TO PERMIT REPAIRS WITHOUT SHUTTING OFF WATER MAINS.
   B. PROVIDE ALL WATER SUPPLIES TO FIXTURES WITH COMPRESSION SHUT-OFF STOPS WITH IPS INLETS WITH THREADED BRASS NIPPLES AT PIPE CONNECTION AND LOCK SHIELD LOOSE KEY. PROVIDE COMBINATION FIXTURES WITH COMPRESSION STOP AND IPS INLET ON EACH WATER SUPPLY FITTING. PROVIDE LOOSE KEY HANDLE FOR EACH STOP.
   C. PROVIDE 1/2 INCH RISER TUBES WITH REDUCING COUPLING FOR ALL FIXTURES, UNLESS OTHERWISE NOTED. REFER TO SPECIFICATION SECTION 22 40 00.

2. PIPE, PLUMBING FITTINGS, FIXTURES, SOLDER AND FLUX SHALL COMPLY WITH LEAD FREE REQUIREMENTS OF THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCTS LISTED AND LABELED AS COMPLYING WITH NSF 61, ANNEX G, OR PROVIDE OTHER EVIDENCE OF COMPLIANCE WITH THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCT SUBMITTAL INFORMATION PROVING COMPLIANCE WITH LEAD FREE REQUIREMENTS. ALSO SEE GENERAL NOTES ON SHEET P0.1 AND SPECIFICATION SECTIONS, 22 00 50, 22 10 00 AND 22 40 00.

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PLUMBING - FIXTURE SCHEDULE

CONSULTANT

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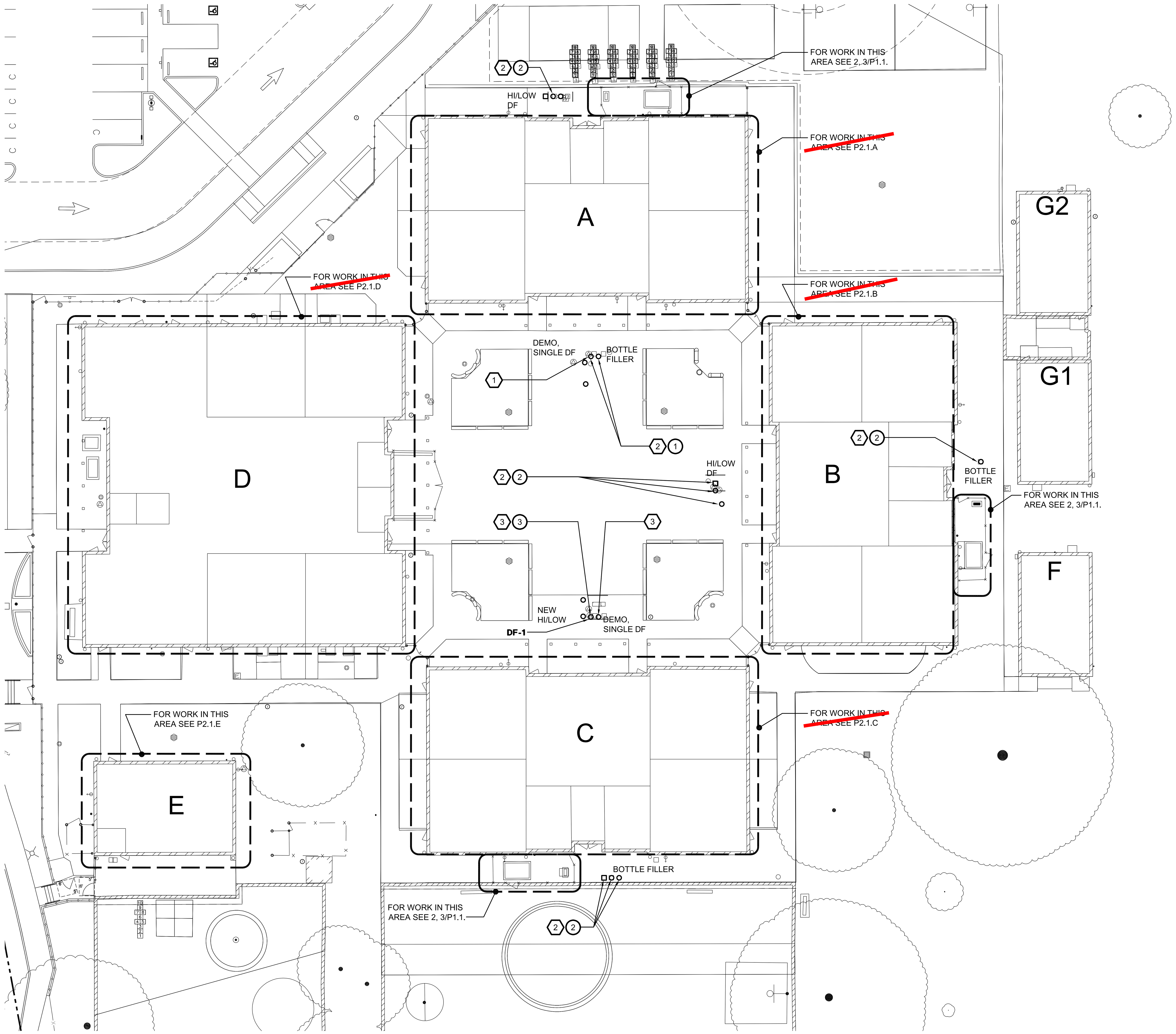


1 P1.1 PLUMBING SITE PLAN

SCALE: 1" =20'-0"

NORTH

GENERAL SHEET NOTES:

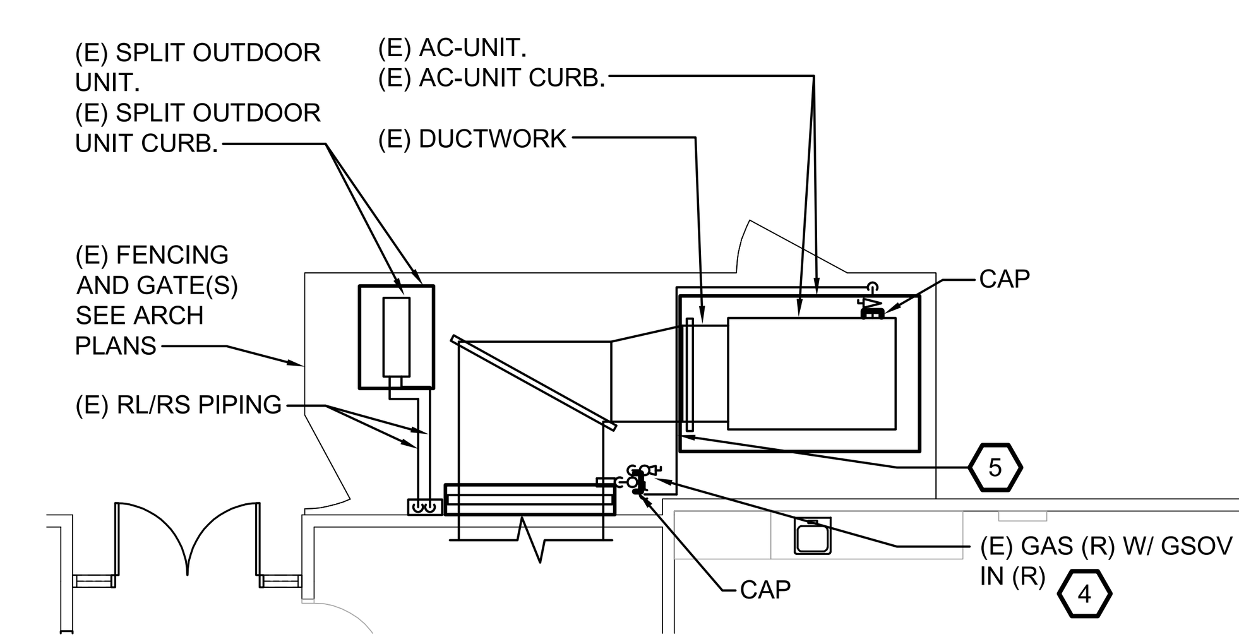
1. REMOVE AND REPLACE WITH NEW ALL THE SOV IN THE EXISTING VALVE BOX(S) SERVING THE DRINKING FOUNTAIN(S).
2. PROVIDE FULL SIZE GSOV AND UNION ON ALL PIPING AT AC-UNIT(S).

DEMOLITION SHEET NOTES:

1. REMOVE DF, DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN. CAP PIPING BEHIND SURFACES.
2. DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN (DF) OR BOTTLE FILLER (BF).
   REMOVE AND PROTECT OPENING FOR SHUT OFF VALVE (SOV) IN VALVE BOX (VB). PREPARE FOR EXTENSION TO NEW HEIGHT OF NEW CONCRETE.
   REMOVE AND STORE (E) DRINKING FOUNTAIN IN PROTECTED LOCATION.
   PROTECT WATER AND WASTE LINES AND PREPARE FOR RECONNECTION.
3. DISCONNECT PLUMBING SERVICES FROM (E) DRINKING FOUNTAIN. CAP PIPING BEHIND SURFACES.
4. (E) GAS RISER FROM BELOW GRADE.
   DISCONNECT GAS PIPING DOWNSTREAM OF GAS PRESSURE REGULATOR AND PREPARE FOR RECONNECTION.
5. REMOVE AND SET ASIDE GAS PIPING TO THE EQUIPMENT YARD BETWEEN THE TWO CAPS NOTED ON THE PLAN.
   PROTECT PIPING AND COVER OPEN ENDS OF PIPING PER SPECIFICATIONS. LABEL WHICH BUILDING GAS PIPING BELONGS.
   REMOVE GAS PIPE SUPPORTS.

SHEET NOTES:

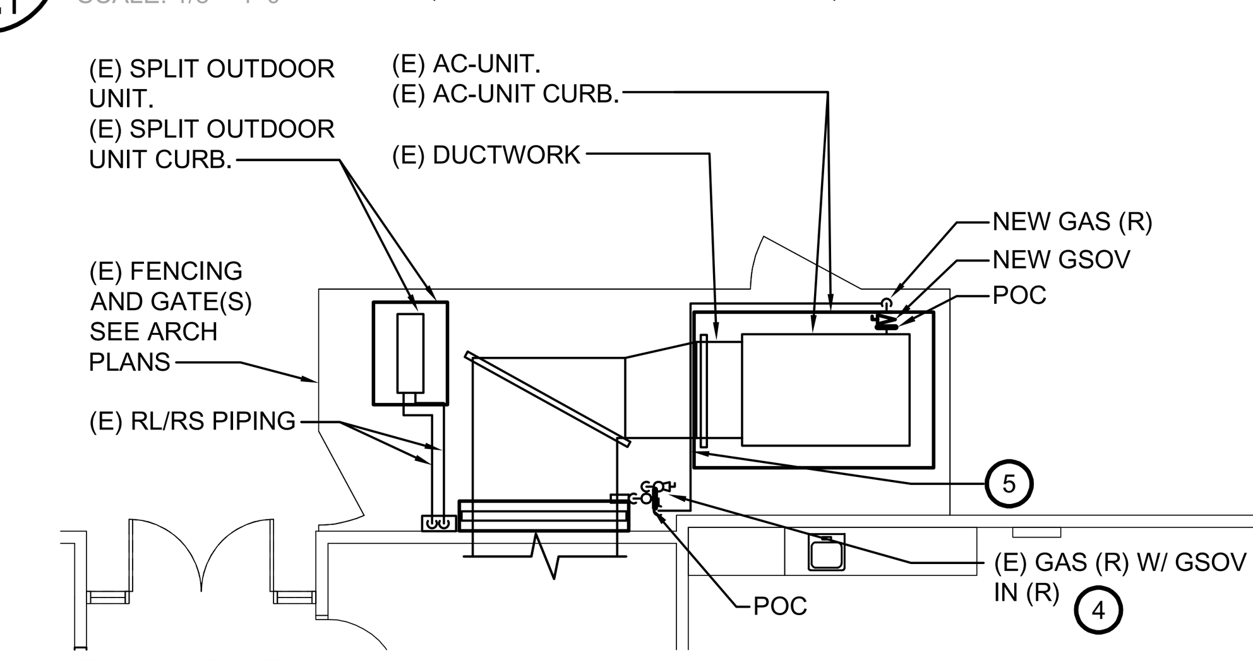
1. REINSTALL (E) BOTLE FILLER WITH NEW BOTTLE FILLER MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD.
   PROVIDE EXTENSION PIECE(S) AS REQUIRED FOR THE SHUT OFF VALVE IN VB AND FOR THE DRY WELL VB. EACH VB SHALL HAVE A NEW EXTENSION PIECE(S) AND APPROPRIATELY MARKED LID(S).
   EXTEND WASTE AND WATER FOR NEW FIXTURE LOCATION.
2. REINSTALL (E) DF/ BOTTLE FILLER WITH NEW DF/ BOTTLE FILLER MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD.
   PROVIDE EXTENSION PIECE(S) AS REQUIRED FOR THE SHUT OFF VALVE IN VB AND FOR THE DRY WELL VB. EACH VB SHALL HAVE A NEW EXTENSION PIECE(S) AND APPROPRIATELY MARKED LID(S).
   EXTEND WASTE AND WATER FOR NEW FIXTURE LOCATION.
3. NEW HI/LOW DF WITH NEW DF MOUNTING SUPPORT HARDWARE AT NEW CONCRETE PAD. CONNECT AND EXTEND (E) WASTE AND (E) WATER SYSTEMS TO NEW FIXTURE. FOR DETAIL SEE 3/P5.1.
4. (E) GAS RISER FROM BELOW GRADE.
   RECONNECT GAS PIPING DOWNSTREAM OF GAS PRESSURE REGULATOR, PROVIDE (N) GSOV AND UNION. ADJUST PIPING LENGTHS SO THAT THE DIRT LEG AND PIPING HAS A MINIMUM CLEARANCE ABOVE THE NEW FINISHED CONCRETE OF 1.5" CLEAR.
5. REINSTALL GAS PIPING BETWEEN POC'S NOTED ON THE PLANS BETWEEN THE RISER AND TO THE AC-UNIT. PROVIDE NEW GAS PIPE SUPPORTS PER 4/P5.1.
   REPLACE (E) GSOV AT UNIT WITH NEW GSOV AND UNION.
   REPLACE (E) GAS FLEX CONNECTION (FC) WITH NEW GAS FC.
   PROVIDE GAS DIRT LEG AT CONNECTION TO UNIT.
   PROVIDE CONDENSATE (CD) PIPING AND FULL SIZE CD LINES AND SPILL TO EXISTING LOCATION.



PLUMBING TEMPORARY REMOVAL

2 P1.1 ENLARGED BUILDING A YARD PLAN

SCALE: 1/8" =1'-0" (SIMILAR FOR BUILDING B AND C)



PLUMBING

3 P1.1 ENLARGED BUILDING A YARD PLAN

SCALE: 1/8" =1'-0" (SIMILAR FOR BUILDING B AND C)

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PLUMBING - OVERALL DEMOLITION AND NEW SITE

CONSULTANT

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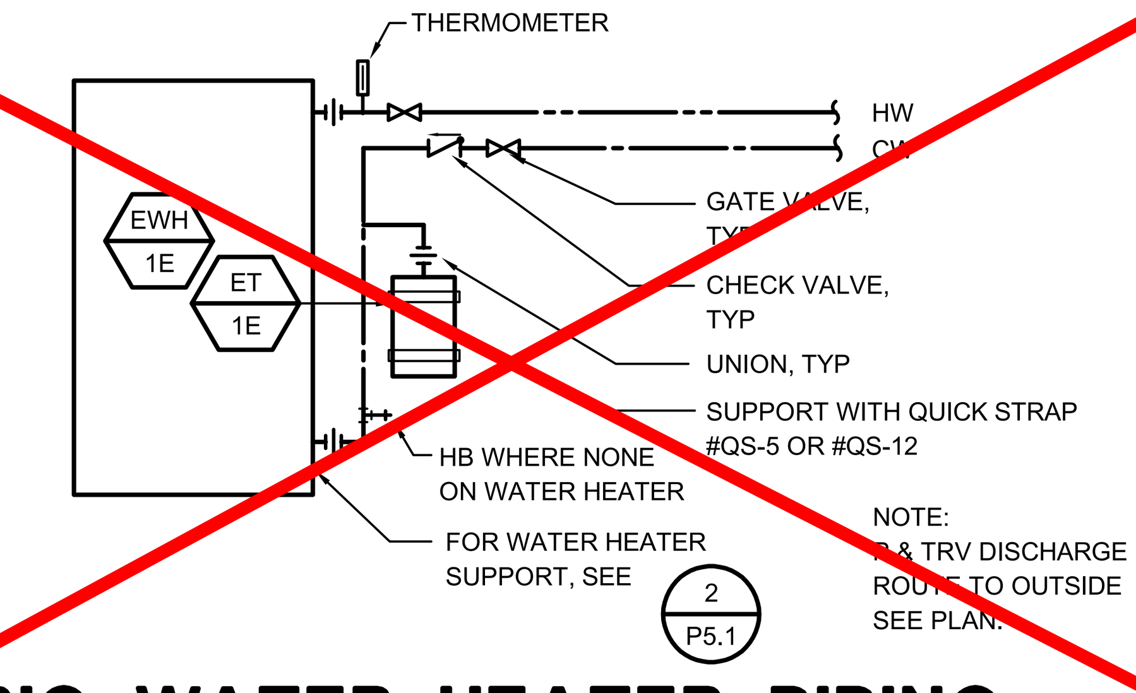
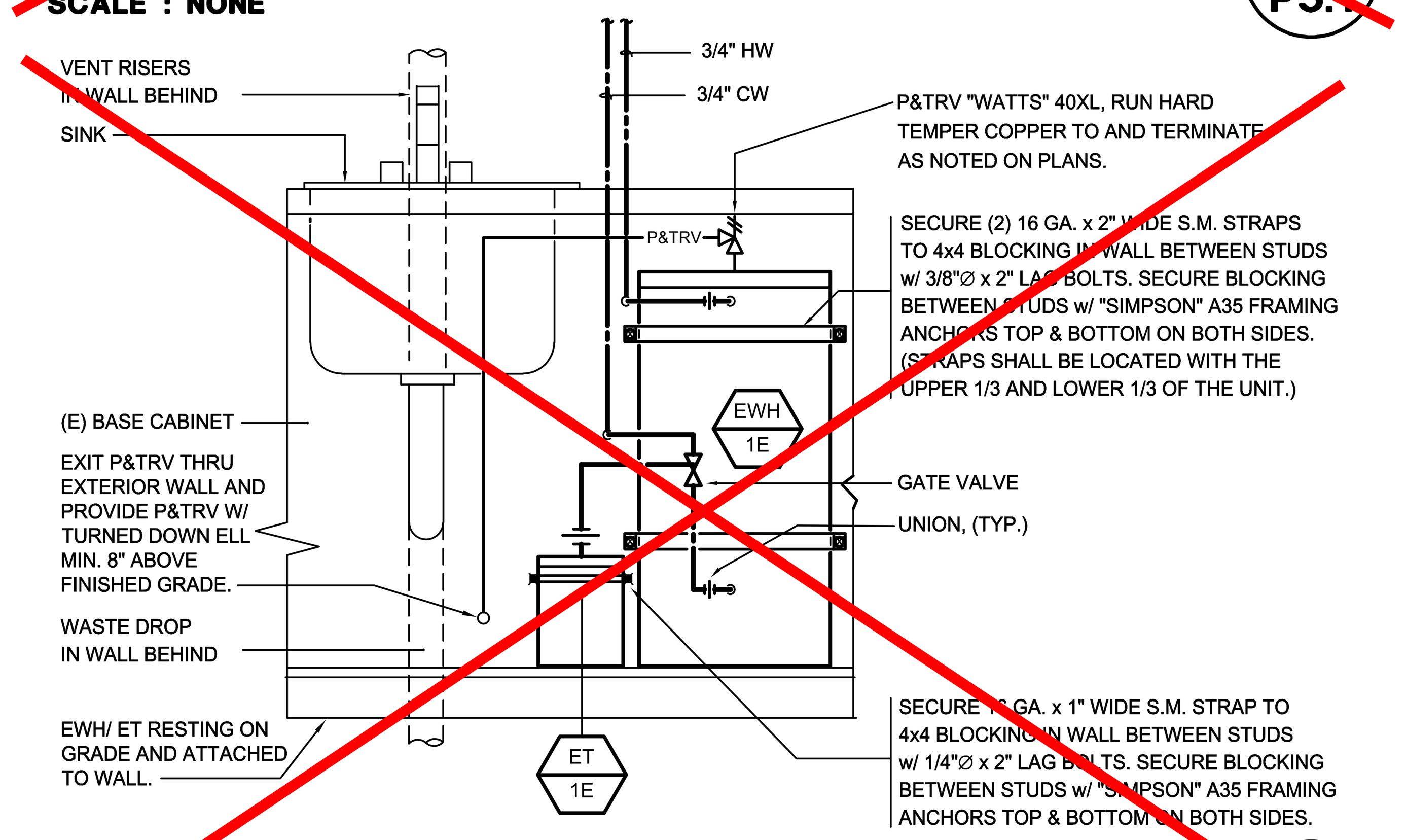
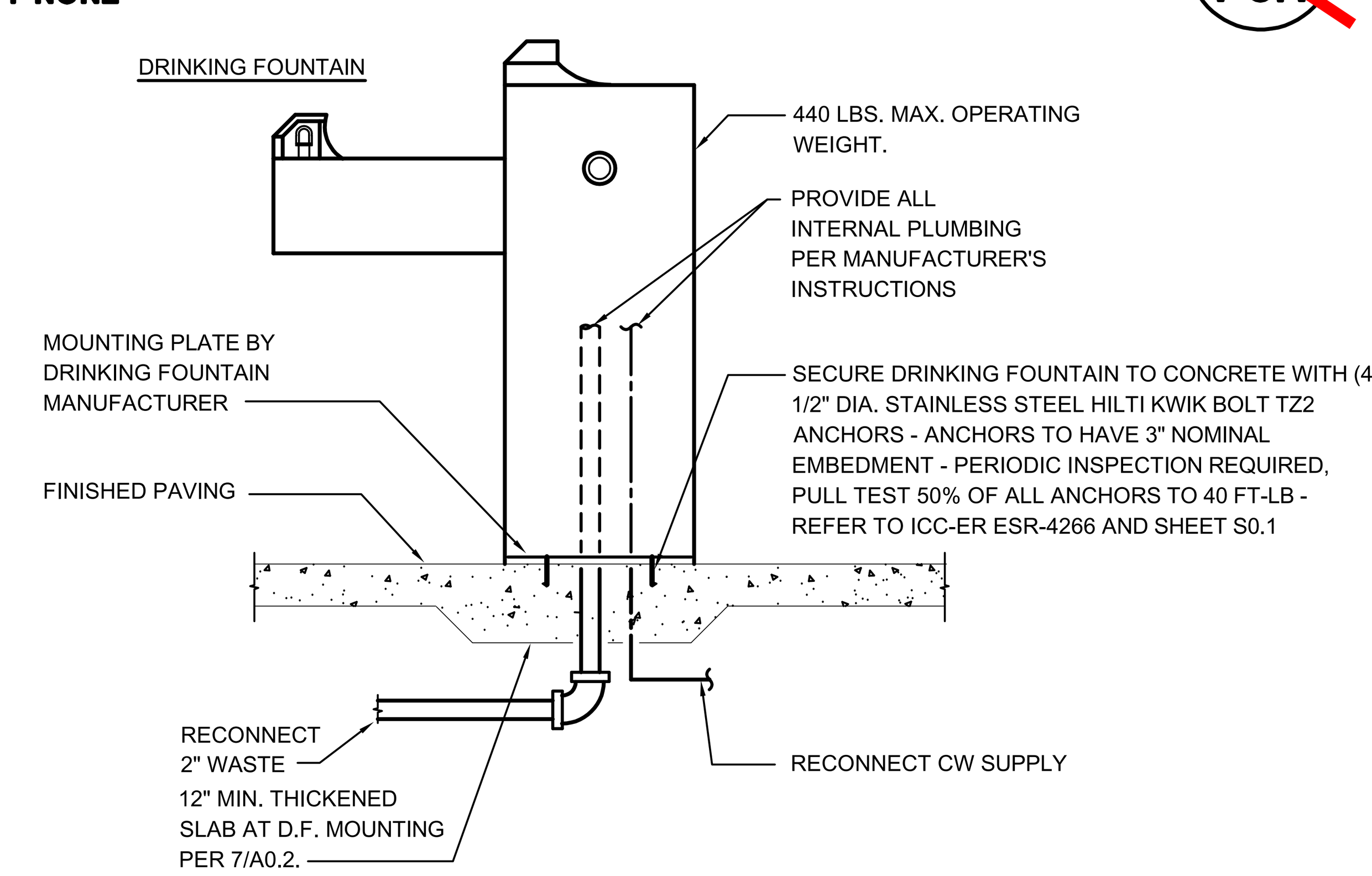


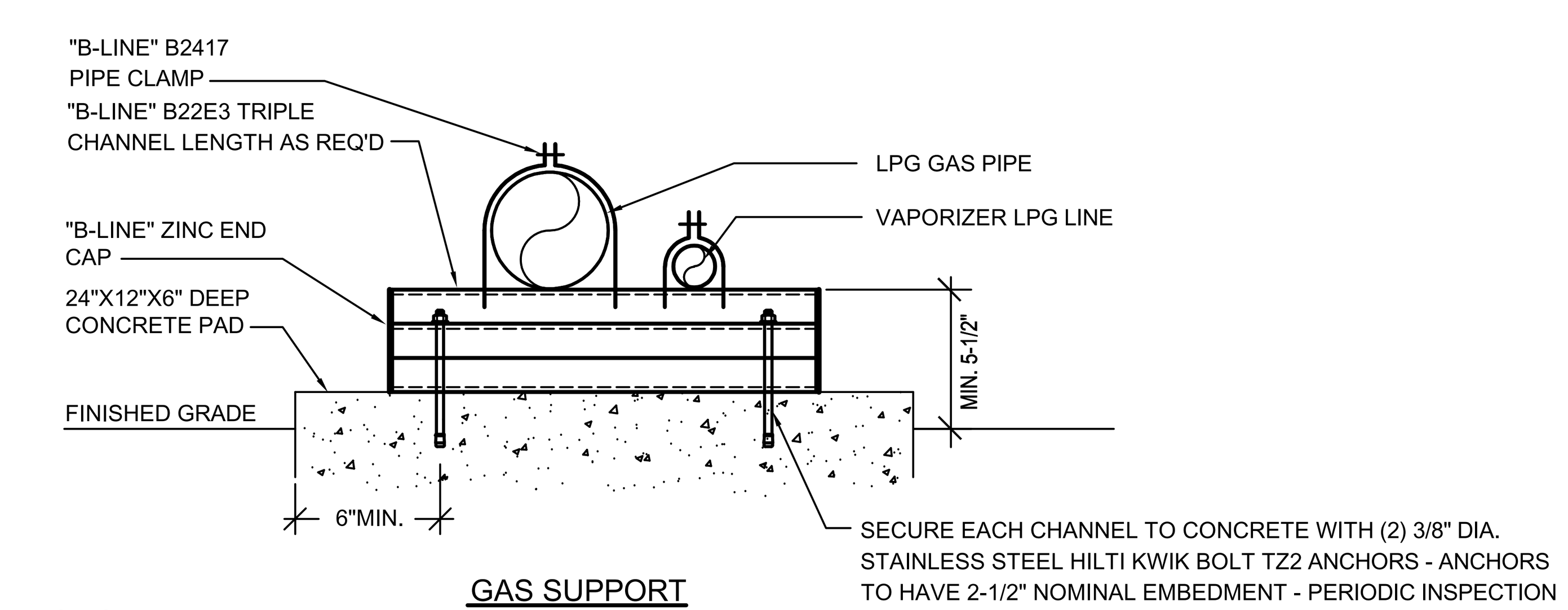
ELECTRIC WATER HEATER PIPING
SCALE : NONE
1 P5.1



UNDERCOUNTER WATER HEATER
SCALE : NONE
2 P5.1



DRINKING FOUNTAIN DETAIL
SCALE : NONE
3 P5.1



SECURE EACH CHANNEL TO CONCRETE WITH (2) 3/8" DIA. STAINLESS STEEL HILTI KWIK BOLT TZ2 ANCHORS - ANCHORS TO HAVE 2-1/2" NOMINAL EMBEDMENT - PERIODIC INSPECTION REQUIRED, PULL TEST 50% OF ALL ANCHORS TO 30 FT-LB - REFER TO ICC-ER ESR-4266 AND SHEET S0.1

NOTES:
1. ALL CHANNELS AND FITTINGS SHALL BE ELECTRO-GALVANIZED.
2. SPACE PIPE SUPPORTS ON GRADE AT 6' O.C. MIN. 2 SUPPORTS.

PIPE SUPPORT MOUNTING
SCALE : NONE
4 P5.1

capital engineering
Rancho Cordova, California
MM - RL 220210.00
PM - DESIGN TEAM PROJECT NO.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
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DATE: 01/12/2023

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LICENSED ARCHITECT C-22528 STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PLUMBING - DETAILS

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THOMAS A. DUVAL M 22836 EXPIRES 9/30/24 MECHANICAL STATE OF CALIFORNIA

DATE SIGNED: 12/20/2022

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE AS SHOWN		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.
P5.1

ABBREVIATIONS

A	AMPERES
AC	ALTERNATING CURRENT
A.F.F.	ABOVE FINISHED FLOOR
A.I.C.	AMPERE INTERRUPTING CAPACITY
AMP	AMPERE
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
C.	CONDUIT
C.B.	CIRCUIT BREAKER
CKT	CIRCUIT
CLG.	CEILING
C.O.	CONDUIT ONLY, WITH PULL WIRE
DC	DIRECT CURRENT
(E)	EXISTING
(ER)	EXISTING RELOCATED
EMT	ELECTRICAL METALLIC CONDUIT
(F)	FUTURE
GA.	GAUGE
GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
Isc	SHORT CIRCUIT AMPERES
ISO	ISOLATED
K	THOUSAND
KV	KILO VOLT
KVA	KILO VOLT AMPERE
KW	KILO WATT
MAX.	MAXIMUM
MFR.	MANUFACTURER
MIN.	MINIMUM
MTD.	MOUNTED
N	NEUTRAL
(N)	NEW
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
N.I.C.	NOT IN CONTRACT
PFB	PROVISIONS FOR FUTURE CIRCUIT BREAKER
PH	PHASE
(R)	REMOVE
(RE)	RELOCATE EXISTING
RCPT.	RECEPTACLE
S.M.S	SHEET METAL SCREW
SWBD	SWITCHBOARD
SYS	SYSTEM
TYP.	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
V	VOLT
VA	VOLT-AMPERES
W	WIRE, WATT
WP	WEATHER PROTECTED
XFMR	TRANSFORMER

ELECTRICAL SYMBOL LIST

- ENCLOSED LUMINAIRE - CEILING LAY-IN
- EXISTING LUMINAIRE TO BE REMOVED
- SWITCH, +45" AFF - "a,b" LETTER DENOTES MULTI-SWITCH FUNCTION, TYPICAL FOR ALL SWITCHES, MOTION SENSORS AND DAYLIGHT SENSORS UNLESS NOTED OTHERWISE. "K" DENOTES SINGLE POLE TOGGLE SWITCH.
- DIMMER ON/OFF SWITCH - +45"AFF.
- OCCUPANCY SENSOR SWITCH WITH MANUAL OVERRIDE - WALL MOUNTED AT +45" AFF UNLESS NOTED OTHERWISE
- OCCUPANCY AREA SENSOR SWITCH - CEILING MOUNTED OS = OCCUPANCY SENSOR; PC = PHOTOCELL; DL = DAYLIGHT
- JUNCTION BOX - SIZE AS REQUIRED BY CODE
- DUPLEX CONVENIENCE OUTLET - NEMA 5-20R +18" A.F.F. TYPICAL FOR ALL CONVENIENCE OUTLETS, UNLESS NOTED OTHERWISE. LETTERS SHOWN ADJACENT TO OUTLET DESIGNATE THE FOLLOWING: "A" - HORIZONTAL ABOVE COUNTER
- GFCI DUPLEX CONVENIENCE OUTLET - NEMA 5-20R
- QUADPLEX CONVENIENCE OUTLET - NEMA 5-20R. +18" A.F.F. UNLESS NOTED OTHERWISE. LETTER "A" SHOWN ADJACENT TO OUTLET DESIGNATES MOUNTED ABOVE COUNTER.
- SPECIAL RECEPTACLE AS SHOWN ON PLANS
- DATA OUTLET, +18" A.F.F. UNLESS NOTED OTHERWISE. LETTER "A" SHOWN ADJACENT TO OUTLET DESIGNATES MOUNTED ABOVE COUNTER, "BC" DESIGNATES OUTLET MOUNTED ON WALL JUST BELOW CEILING.
- SPEAKER - WALL MOUNTED
- CLOCK OUTLET/CLOCK - WALL MOUNTED
- CONDUIT RUN CONCEALED IN CEILINGS OR WALLS. NUMBER OF HASH MARKS DENOTES QUANTITY OF WIRES. CURVED HASH MARK DENOTES QUANTITY OF #12 GREEN GROUND WIRES. CONDUCTORS OTHER THAN #12 ARE INDICATED ON PLANS. NO HASH MARKS DENOTES 2 #12 AWG AND 1 #12 GREEN GROUND IN 1/2" CONDUIT. TYPICAL FOR ALL CONDUITS.
- FLEXIBLE CONDUIT CONCEALED. NUMBER OF HASH MARKS DENOTES QUANTITY OF WIRES. CURVED HASH MARK DENOTES QUANTITY OF #12 GREEN GROUND WIRES. CONDUCTORS OTHER THAN #12 ARE INDICATED ON PLANS. NO HASH MARKS DENOTES 2 #12 AWG AND 1 #12 GREEN GROUND IN 1/2" MINIMUM DIAMETER CONDUIT.
- CONDUIT RUN UNDERFLOOR OR UNDERGROUND MINIMUM 1" DIAMETER.
- CONDUIT HOMERUN TO PANELBOARD, SWITCHBOARD OR TERMINAL CABINET
- CONDUIT TURNED AND RISED UP
- CONDUIT TURNED AND DROPPED DOWN
- CONDUIT WITH CAP
- CONDUIT STUB WITH INSULATED BUSHING
- EXISTING CONDUIT AND WIRING
- EXISTING PANELBOARD - SURFACE MOUNTED
- EXISTING PANELBOARD - FLUSH MOUNTED
- TERMINAL CABINET
- SWITCHBOARD, DISTRIBUTION PANEL, OR MOTOR CONTROL CENTER
- EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, FUSED WITH FUSE SIZE INDICATED
- EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, NON-FUSIBLE
- EQUIPMENT CONTROLLER
- EQUIPMENT MOTOR POWER CONNECTIONS PART OF ELECTRICAL WORK
- UNDERGROUND PULLBOX. SEE PLANS FOR BOX SIZE (BASED ON CHRISTY PRODUCTS) AND
- MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
- DRAWING SHEET NUMBERED NOTE DESIGNATION - APPLIES TO NUMBERED NOTE ON SAME SHEET
- DRAWING PLAN OR DETAIL DESIGNATION - "1" OR "A" DENOTES PLAN OR DETAIL NUMBER, "E-1" DENOTES SHEET NUMBER

SYMBOL LIST NOTES:

1. EXISTING ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE SHOWN THE SAME AS NEW, EXCEPT LIGHTLY AND ACCOMPANIED BY (E). SUCH ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE TO REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLAN OR SPECIFICATION.
2. VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACES PER CODE AND THAT THE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND EQUIPMENT FOREIGN TO THE PANEL BOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN THE EVENT THAT FOREIGN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS.

DEMOLITION GENERAL NOTES

1. INFORMATION SHOWN RELATIVE TO EXISTING CONDITIONS IS BASED UPON AVAILABLE RECORDS AND DATA. THEREFORE, IT SHALL BE REGARDED AS AN APPROXIMATION ONLY. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. PRIOR TO SUBMITTING BID AND/OR BEFORE START OF ANY ELECTRICAL WORK, INSPECT ALL EXISTING LOCATIONS AND CONDITIONS AND ASCERTAIN WORK REQUIRED TO CLEAR PROJECT AREA OF ALL EXISTING ELECTRICAL ITEMS NOT BEING REUSED OR EXISTING TO REMAIN AS IS. REPORT ALL DISCREPANCIES AND COORDINATE ALL DEMOLITION WORK WITH THE OWNER'S REPRESENTATIVE. MAINTAIN SERVICE TO EXISTING ELECTRICAL EQUIPMENT IN AREAS ADJACENT TO REMODEL AREA, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING ELECTRICAL AND FIRE ALARM EQUIPMENT ON EXISTING WALLS AND CEILINGS NOT REQUIRED TO BE DEMOLISHED UNLESS OTHERWISE NOTED. DELIVER ALL EXISTING ELECTRICAL EQUIPMENT IN REMODELED AREAS, THAT ARE REMOVED AND NOT REUSED ELSEWHERE, AND ARE DEEMED TO BE SALVAGEABLE IN THE JUDGMENT OF THE CONTRACTOR AND OWNER'S REPRESENTATIVE, TO THE OWNER. DELIVER ALL SALVAGED ELECTRICAL EQUIPMENT AND OTHER ITEMS TO A LOCATION DESIGNATED BY THE OWNER'S REPRESENTATIVE. REMOVE FROM SITE, ALL OTHER ELECTRICAL EQUIPMENT, HARDWARE, AND OTHER ITEMS THAT ARE DEEMED UNSALVAGEABLE BY CONTRACTOR AND THE OWNER'S REPRESENTATIVE.
3. CUT, PATCH AND MATCH IN ALL AREAS AFFECTED BY REMOVAL OF ELECTRICAL EQUIPMENT AND DEVICES.
4. CAUSE AS LITTLE INTERFERENCE OR INTERRUPTION OF EXISTING UTILITIES AND SERVICES AS POSSIBLE. SCHEDULE ANY POWER OR OTHER UTILITY SHUTDOWN WITH THE OWNER'S REPRESENTATIVE. SHUTDOWNS WHICH MAY BE REQUIRED SHALL BE PRESENTED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN WORK SHALL BE PERFORMED ON OVERTIME HOURS IF SO DIRECTED BY OWNER'S REPRESENTATIVE.
5. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, FIXTURES, OUTLETS, DEVICES, CONDUIT, WIRING AND OTHER ELECTRICAL ITEMS, WHETHER SHOWN OR NOT, FROM EXISTING CEILINGS AND WALLS WHICH ARE TO BE DEMOLISHED. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING REMAINING DEVICES, UNLESS OTHERWISE NOTED.
6. COORDINATE WITH OTHER TRADES AND PROMPTLY TRANSMIT ALL INFORMATION REQUIRED BY THEM. COORDINATE THE SEQUENCE OF DEMOLITION WITH OTHER TRADES TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY.
7. RELOCATE ALL CONDUITS THAT ARE TO REMAIN IN SERVICE WHICH ARE IN A LOCATION TO CONFLICT WITH NEW WORK.
8. WHEREVER EXISTING ELECTRICAL DEVICES, PANELS, CONDUITS, CABLES, AND OTHER ITEMS, CONFLICT WITH REMODEL WORK, WHETHER SHOWN OR NOT, RELOCATE THESE ITEMS TO COORDINATE WITH NEW CONSTRUCTION.
9. REUSE EXISTING CONDUITS AND WIRING WHEREVER POSSIBLE UNLESS OTHERWISE NOTED TO BE REMOVED.
10. PROVIDE FIRE RATED BACKBOXES TO MAINTAIN FIRE RATING OF CEILING OR WALLS AT LOCATIONS WHERE RECESSED ELECTRICAL EQUIPMENT SUCH AS LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELS, AND OTHER ITEMS, ARE INSTALLED IN RATED WALLS OR CEILINGS.
11. PROVIDE PROTECTIVE COVERING OVER EXISTING EQUIPMENT WHEN INSTALLING ALL NEW WORK.
12. PROVIDE NEW PANEL DIRECTORIES FOR EXISTING PANELS INVOLVED IN THIS RENOVATION WORK, REFLECTING ALL CHANGES TO CIRCUIT DESIGNATIONS.
13. ASBESTOS REMOVAL: IN THE EVENT ASBESTOS IS FOUND TO BE PRESENT IN AREAS CONFLICTING WITH ELECTRICAL WORK, BEFORE CONTINUATION OF WORK IN THOSE AREAS, NOTIFY THE OWNER'S REPRESENTATIVE FOR THE REMOVAL OF SUCH HAZARDOUS MATERIAL BY A CERTIFIED ASBESTOS CONTRACTOR.
14. CIRCUIT NUMBERS AND CIRCUITING BASED UPON AS-BUILTS. ACTUAL CONDITION MAY VARY. TRACE AND VERIFY ALL CIRCUITS SHOWN ARE AVAILABLE FOR DEMOLITION AND REUSE AS NEEDED DURING THE REMODEL PHASE. DOCUMENT ALL CHANGES ON AS-BUILT DRAWINGS.

MEP COMPONENT ANCHORAGE NOTE

MEP COMPONENT ANCHORAGE NOTE
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC. SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26, AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHINGLESS THAN 20 POUNDS, OR IN THE CASE OF SISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL DISTRUBUTION SYSTEM BRACING NOTE
PIPING , DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1616A.1.24, 1616A.1.25, AND 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRUBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSIDE PRIOR TO THE START AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):
MP☐ MD☐ PP☐ E☒ - OPTION 1 : DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP☐ MD☐ PP☐ E☐ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #)

ELECTRICAL SHEET INDEX

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER / CATALOG NO.	VOLTAGE / DESCRIPTION	LIGHT SOURCE (LED, WATTS, LUMENS, COLOR TEMPERATURE, CRI, R9 IF AVAILABLE)	MOUNTING	REMARK NOTE No.
A	WILLIAMS PTS PTS-1-4-L45-9-35-PA-DIM-120	120V LED 1x4 SURFACE	LED, 33.7W, 3500K, 90CRI	SURFACE	
B	WILLIAMS 39 39-4-L30-9-35-A	120V LED 1x4 SURFACE	LED, 22.8W, 3500K, 90CRI	SURFACE	
P1	Gardco P26-48L-400-NW-G2-AR-3-120-CS50 Gardco SRS-CB-5-11-25-D1-DT5	120V SINGLE PureForm LED P26 25 FT STRAIGHT ROUND STEEL POLE	LED, 60W, 8827LM, 4000K, 70CRI	POLE	
P2	Gardco PureForm LED P26 P26-48L-400-NW-G2-AR-3-120-CS50 Gardco SRS-CB-5-11-25-D2-DT5	120V TWIN PureForm LED P26 25 FT STRAIGHT ROUND STEEL POLE	LED, 60W, 8827LM 4000K, 70CRI	POLE	

LUMINAIRE SCHEDULE REMARK NOTES:

GENERAL NOTE:

REFER TO PLAN FOR LOCATION, QUANTITIES, AND SWITCH FUNCTION.

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LICENSED ARCHITECT STEPHEN K. LIU C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

ELECTRICAL SHEET INDEX, SYMBOL LIST, ABBREVIATIONS AND NOTES

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER JESSE U. BASTIAN No. E20229 Exp. 03-31-23 ELECTRICAL STATE OF CALIFORNIA

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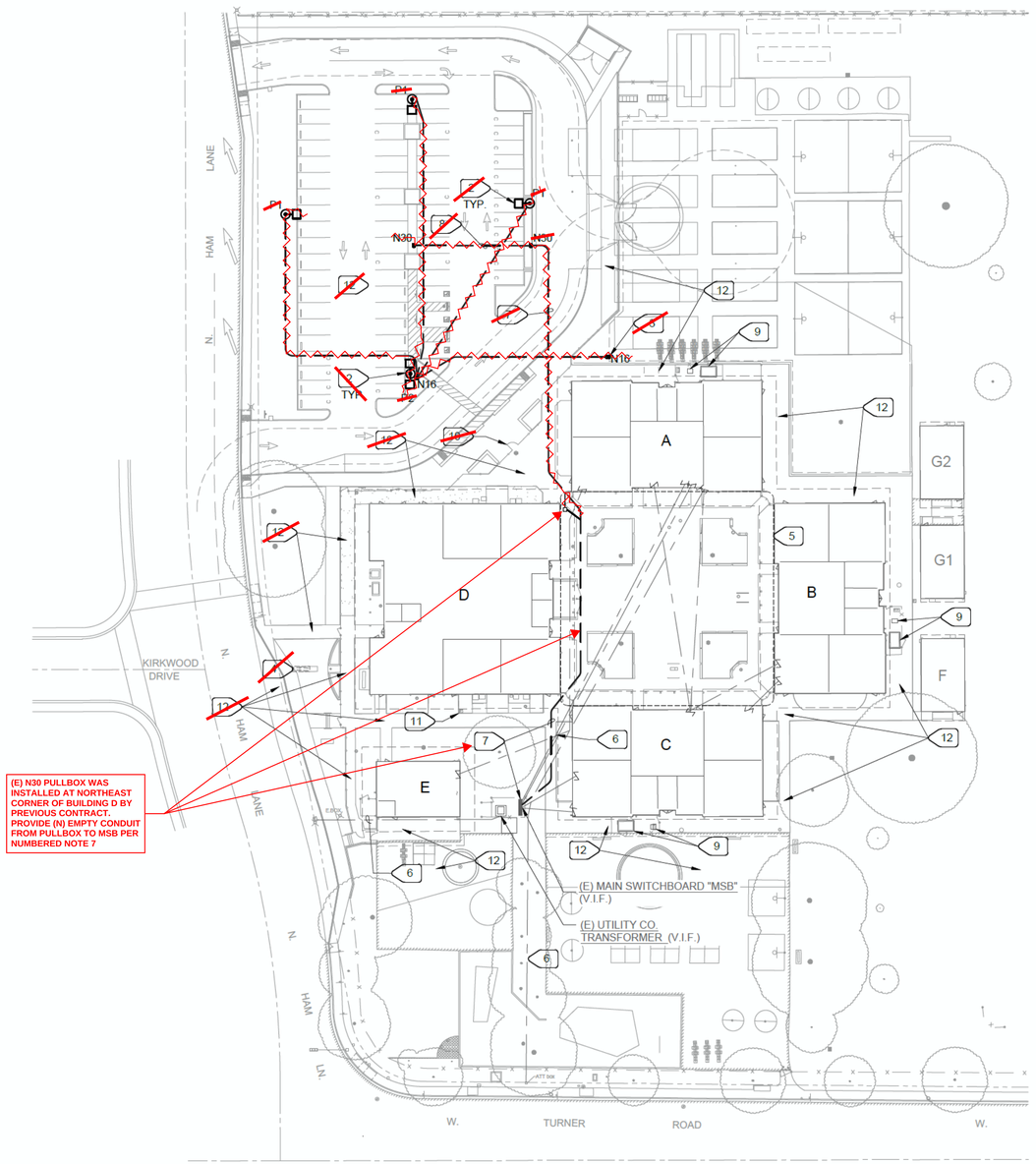
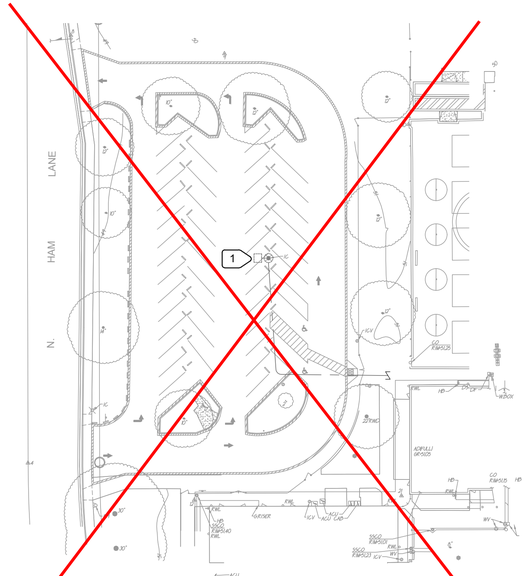


(E) N30 PULLBOX WAS INSTALLED AT NORTHEAST CORNER OF BUILDING D BY PREVIOUS CONTRACT. PROVIDE (N) EMPTY CONDUIT FROM PULLBOX TO MSB PER NUMBERED NOTE 7

1 E1.1 **SITE PLAN - ELECTRICAL**

SCALE : 1" = 40'-0"



2 E1.1 **EXISTING PARKING LOT**

SCALE : 1" = 40'-0"

NUMBERED NOTES

1. ~~REMOVE (E) POLE LIGHT. REMOVE CONDUIT TO EXTENT OF DEMOLITION. REMOVE WIRING BACK TO BUILDING "A".~~
2. ~~POLE MOUNTED FIXTURE, SEE LUMINAIRE SCHEDULE. PROVIDE POLE PER 5/E4.1. TYPICAL FOR "P1" AND "P2" TYPE FIXTURE. CONTROLS TO BE INTEGRATED INTO PELICAN CONTROL SYSTEM AND SITE EMS.~~
3. ~~PROVIDE (N) PULLBOX OVER (E) CONDUIT. PROVIDE (N) #12 WIRING FROM BUILDING "A" (REFER TO NUMBERED NOTE 1). CONNECT (N) POLE LIGHTS TO (E) CIRCUIT. (E) LIGHTING CIRCUIT IS CONTROLLED BY (E) EMS SYSTEM. INSURE CORRECT WIRING & TEST (N) LIGHTING.~~
4. ~~(E) SCHOOL SIGN TO BE REMOVED. ELECTRICAL CONTRACTOR TO DISCONNECT AND TO PROTECT POWER/L.V. FOR REINSTALLATION BY OTHERS.~~
5. (N) QUAD AREA. PROTECT (E) CONDUIT DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR SHALL USA AREA BEFORE START OF DEMOLITION.
6. (E) CONDUIT - PROTECT DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR SHALL USA AREA BEFORE START OF DEMOLITION.
7. (2) 3"C.O. FOR FUTURE E.V. CHARGERS, FROM MAIN SWITCHBOARD TO PULLBOXES AS SHOWN. PROVIDE PULL ROPE AND SEAL CONDUITS.
8. ~~3"C.O. FOR FUTURE E.V. CHARGERS. PROVIDE PULL ROPE AND SEAL CONDUIT.~~
9. (E) HVAC UNIT. ELECTRICAL CONTRACTOR SHALL TEMPORARY SUPPORT (E) EXPOSED CONDUITS/CONDUCTORS TO UNITS TO ALLOW NEW CONCRETE WALKWAY TO BE INSTALLED. AFTER (N) CONCRETE IS IN PLACE REINSTALL (E) CONDUIT/CONDUCTORS TO NEW WALKWAY/CONCRETE.
10. RELOCATED GATE. ELECTRICAL CONTRACTOR TO CAREFULLY DISCONNECT (E) CARD READER AND GATE OPENER, EXTEND (E) CONDUITS TO (N) GATE LOCATION AND REINSTALL (E) CARD READER AND GATE OPENER. CARD READER SHALL BE INSTALLED TO 48" MAX. A.G. PROVIDE (N) WIRING FROM (N) GATE LOCATION TO HEAD END OF CARD READER/GATE OPENER. NO UNDERGROUND SPLICING OF CARD READER/GATE OPENER WIRES.
11. (E) PULLBOX, PROTECT DURING DEMOLITION AND ADJUST TO (N) CONCRETE WALKWAY GRADE. BOX SHALL BE FLUSH WITH (N) CONCRETE WALKWAY.
12. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR (N) CONCRETE WALKWAYS AND (N) ASPHALTIC CONCRETE PAVING. ELECTRICAL CONTRACTOR SHALL USA THIS AREA BEFORE ANY DEMOLITION STARTS, IDENTIFY (E) U.G. INFRASTRUCTURE AND COORDINATE WITH DEMOLITION CONTRACTOR TO PROTECT (E) U.G. INFRASTRUCTURE. ANY DAMAGED CONDUITS/CONDUCTORS SHALL BE REPLACED WITH (N) AND AFFECTED ELECTRICAL SYSTEM SHALL BE TESTED AND BROUGHT TO COMPLETELY WORKING CONDITION. (E) PULLBOXES SHALL BE ADJUSTED TO BE FLUSH WITH (N) SURFACES.

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

SITE PLAN - ELECTRICAL

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER JESSE U. BASTIAN No. E20229 Exp. 03-31-23 ELECTRICAL STATE OF CALIFORNIA

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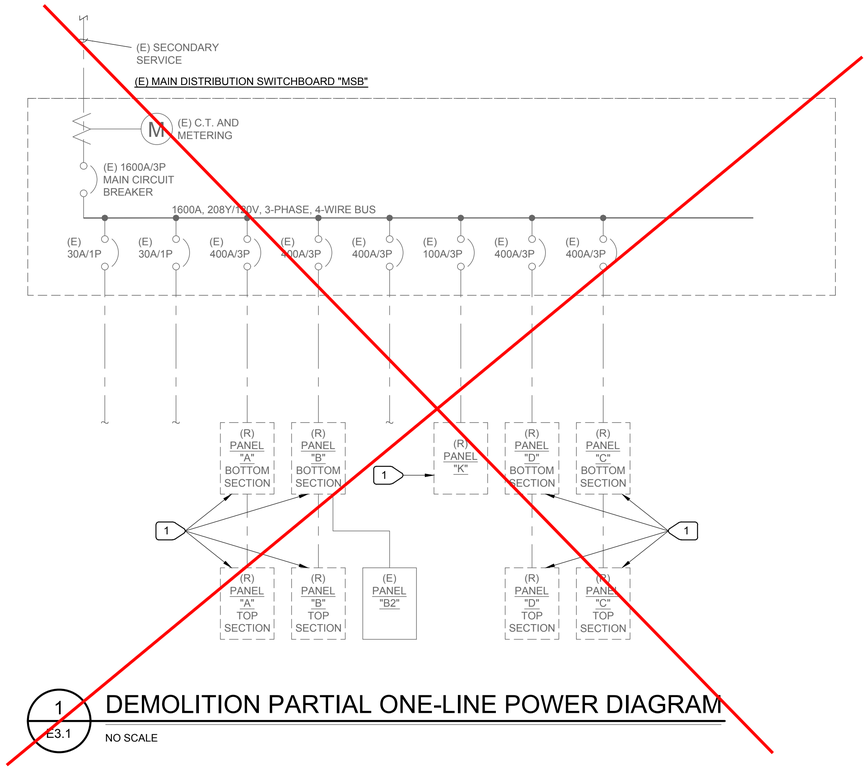
PROJECT #: 21248.21
PRJ MGR: Sinisha Glisic

Nov 16, 2022 – 1:01pm, / sglisic

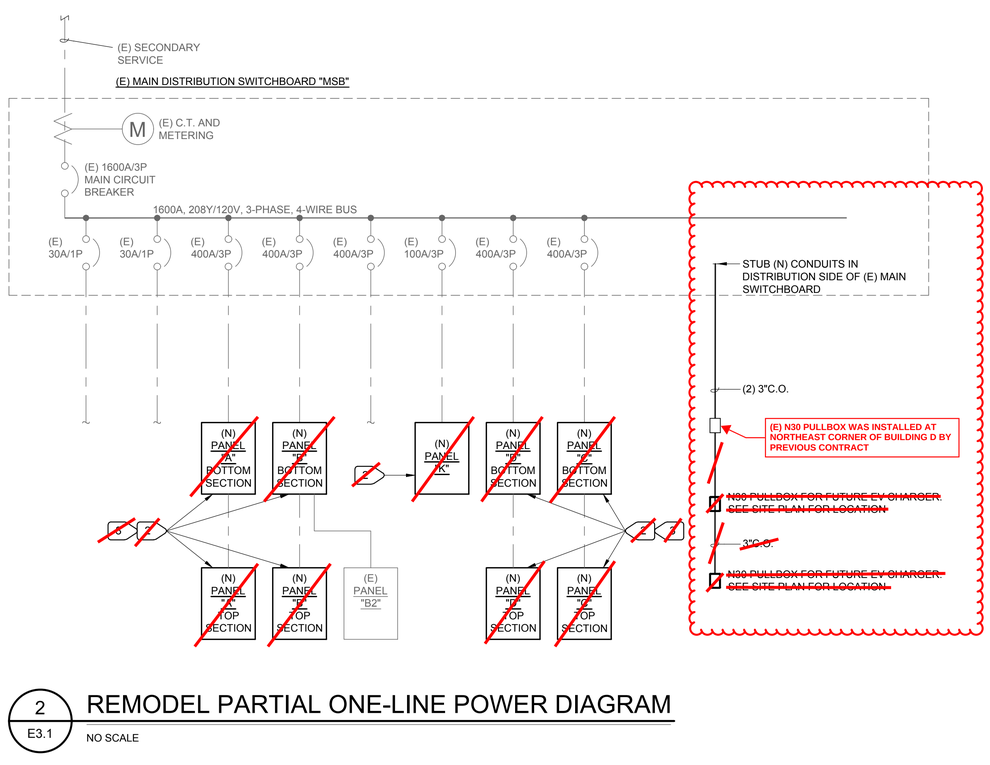
NUMBERED NOTES

1. EXISTING WESTINGHOUSE PANEL TO BE REMOVED AND REPLACED WITH NEW SQUARE D PANEL. EXISTING SUPPLY FEEDER AND EXISTING LOAD SIDE CIRCUITRY AND CONDUITS TO BE REUSED. PROTECT EXISTING WIRING AND CONDUITS DURING PANEL REMOVAL.
2. NEW SQUARE D PANEL MATCH EXISTING PANEL CHARACTERISTICS. RECONNECT TO EXISTING SUPPLY FEEDER. RECONNECT ALL EXISTING LOAD CIRCUITS USING EXISTING CIRCUITRY. REFER TO PANEL SCHEDULE.
3. ELECTRICAL CONTRACTOR SHALL ENSURE THAT (N) PANELS ARE OF SIMILAR DIMENSIONS AS EXISTING REMOVED PANELS. ELECTRICAL CONTRACTOR SHALL WORK WITH SUPPLIER TO PROVIDE SIMILAR SIZE OF (N) PANELS BEFORE ORDERING (N) PANELS.



1 E3.1 **DEMOLITION PARTIAL ONE-LINE POWER DIAGRAM**

NO SCALE



2 E3.1 **REMODEL PARTIAL ONE-LINE POWER DIAGRAM**

NO SCALE

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN K. LEE C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL ONE-LINE POWER DIAGRAMS

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER JESSE U. BASTIAN No. E20229 Exp. 03-31-23 ELECTRICAL STATE OF CALIFORNIA

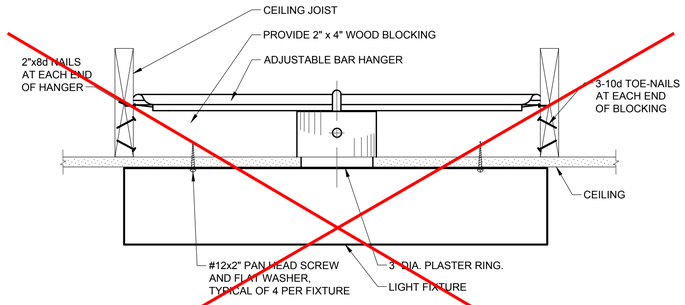
01/04/2023

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MNE		
CHECKED SKL		
SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

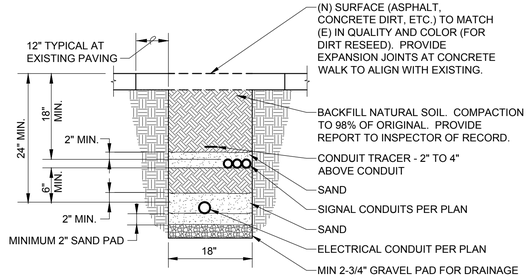
E3.1

M. NEILS ENGINEERING, INC.
Electrical Engineers | Lighting Designers
100 Howe Ave., Suite 235N
Sacramento, CA 95825-8217
www.mneilsengineering.com
Tel: (916) 923-4400
PROJECT #: 21248.21
PRJ MGR: Sinisha Glisic



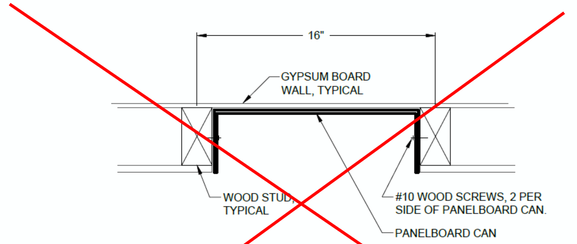
1 / E4.1 SURFACE FIXTURE MOUNTING DETAIL

NO SCALE



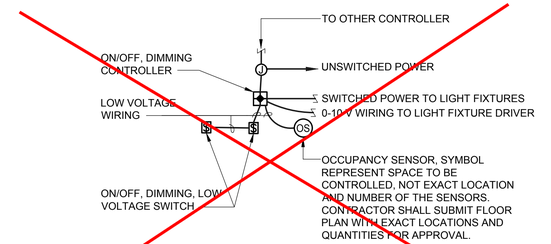
4 / E4.1 CONDUIT TRENCHING DETAIL

NO SCALE



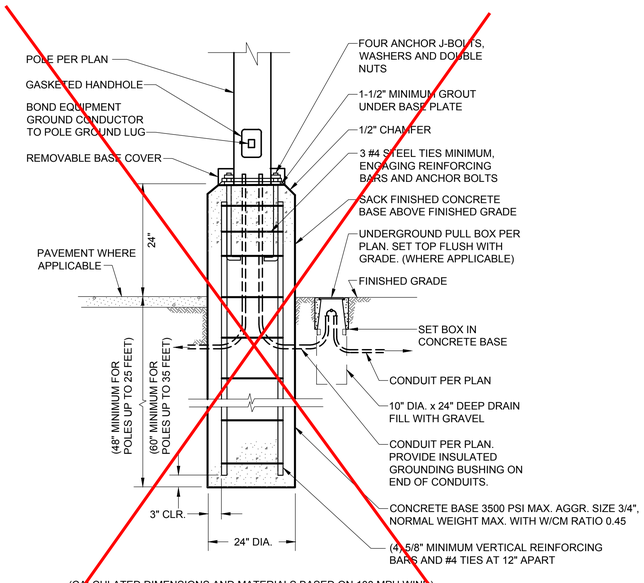
6 / E4.1 PANELBOARD MOUNTING DETAIL

NO SCALE



2 / E4.1 LIGTHING SWITCHING DIAGRAMS

NO SCALE

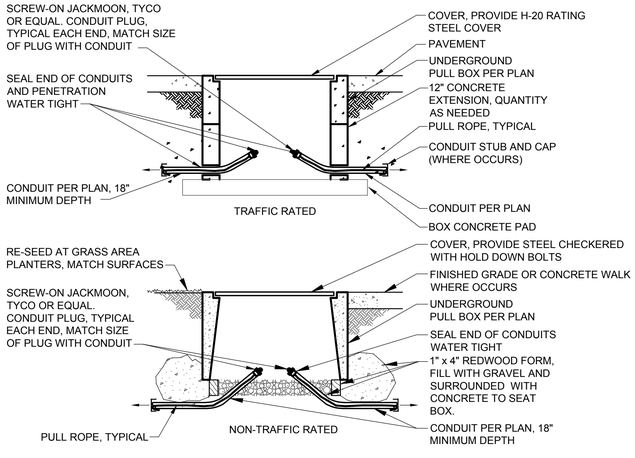


(CALCULATED DIMENSIONS AND MATERIALS BASED ON 100 MPH WIND)

5 / E4.1 POLE BASE MOUNTING DETAIL

NO SCALE

DSA REVIEW IS NOT REQUIRED FOR LIGHT POLE UNDER 35' HEIGHT



NOTES:

1. PULL BOX SHALL BE TRAFFIC RATED (H-20) WHEN SUBJECT TO VEHICULAR TRAFFIC
2. CLEAN 2" AND LARGER SPARE EMPTY CONDUITS WITH APPROPRIATE SIZE MANDREL PRIOR TO PLACING PULL ROPE AND PLUGGING EMPTY CONDUITS WITH CONDUIT PLUGS.
3. PULL ROPE: TIE OFF EACH END TO DUCT PLUG TO PREVENT PULL ROPE LOSS IN CONDUIT.

3 / E4.1 UNDERGROUND PULL BOX DETAIL

NO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN [illegible] C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

ELECTRICAL DETAILS

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER JESSE U. BASTIAN No. E20229 Exp. 03-31-23 ELECTRICAL STATE OF CALIFORNIA

01/04/2023

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
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SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

E4.1

M. NEILS ENGINEERING, INC.
Electrical Engineers | Lighting Designers
100 Howe Ave., Suite 235N
Sacramento, CA 95825-8217
www.mneilsengineering.com
Tel: (916) 923-4400
PROJECT #: 21248.21
PRJ MGR: Sinisha Glisic

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 NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS.

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 10. 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.

CIVIL ABBREVIATIONS AND LEGEND

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
GB	GRADE BREAK
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 (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
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 WALL
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

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

CIVIL SHEET INDEX

UTILITY VERIFICATION NOTE

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

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74696 STATE OF CALIFORNIA

FILENAME: I:\21-014\CIVIL\DWG\21-014 C0.1.DWG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STATE OF CALIFORNIA C-22025 12/31/23 RENEWAL DATE

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

CIVIL COVER SHEET

CONSULTANT

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

PROJECT NO. 21-32-52	REVISIONS	BY
DATE 3/28/2022		
DRAWN ML/MG		
CHECKED MG		
SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

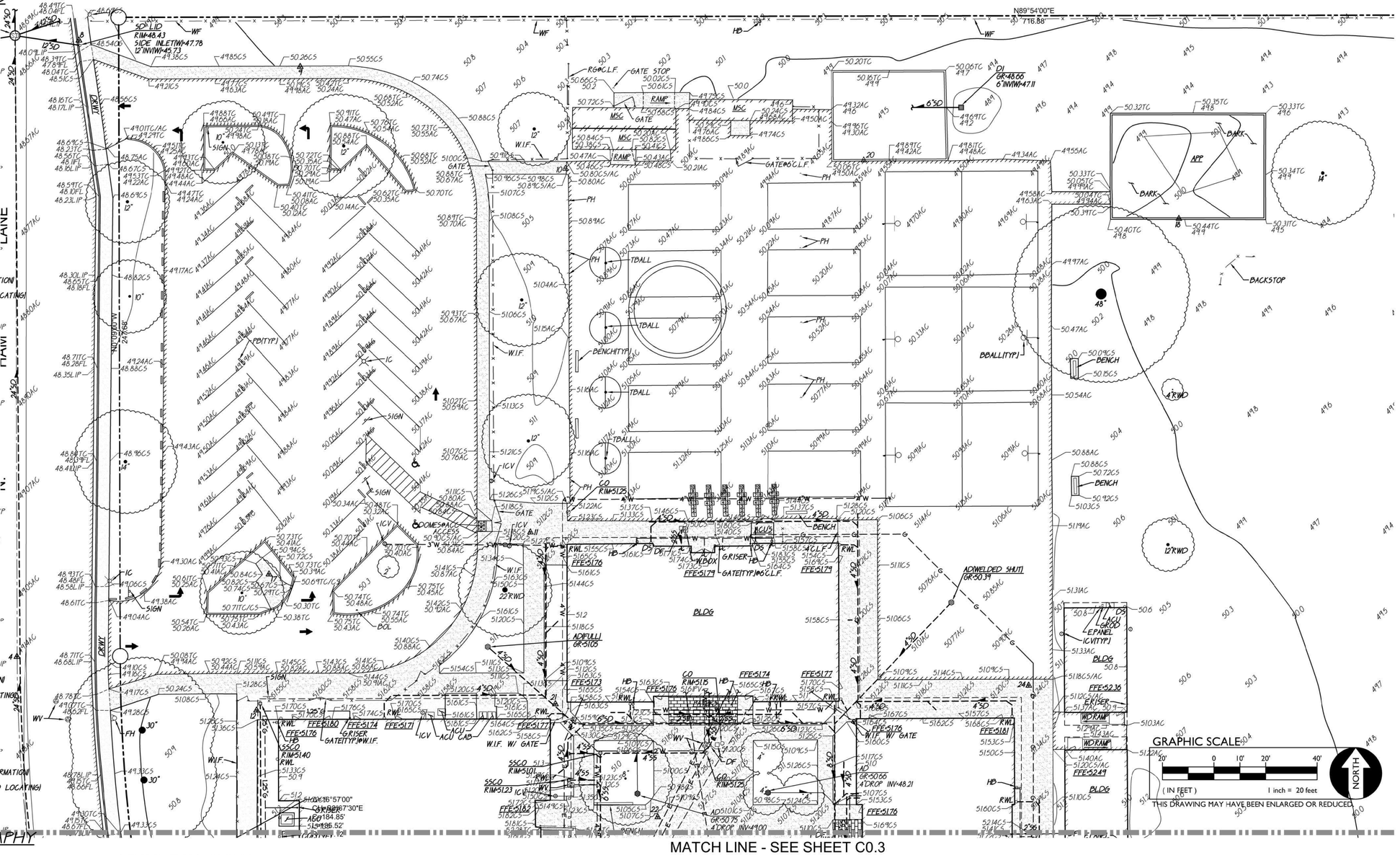
C0.1

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)
- 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)
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- —W— WATER LINE (SIZE INDICATED)
- —W— WATER LINE (RECORD INFORMATION)
- —W— WATER LINE (UNDERGROUND LOCATING)
- WATER MANHOLE
- WATER VALVE
- WM — WATER METER
- WB — 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)
- ELECTRIC MANHOLE
- UTILITY POLE (WITH GUY WIRE)
- EM — ELECTRIC METER
- E — ELECTRIC BOX
- SL — 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)
- GAS MANHOLE
- GAS VALVE
- GM — GAS METER
- —T— TELEPHONE LINE
- —T— TELEPHONE LINE (RECORD INFORMATION)
- —T— TELEPHONE LINE (UNDERGROUND LOCATING)
- SM — STORM DRAIN BOX
- TS — TRAFFIC SIGNAL BOX

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



ABBREVIATIONS

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

??	UNKNOWN
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
BWF	BARBED WIRE FENCE
C	COMMUNICATION
C/L	CENTERLINE
CAB	CABINET
CB	COMMUNICATIONS BOX
CIP	CAPPED IRON PIPE
CL	CLASS
C.L.F.	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
COL	COLUMN
CONC.	CONCRETE
COND.	CONDENSATE
CONST.	CONSTRUCT
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
EV	ELECTRICAL VAULT
F	FIRE LINE
FA	FIRE ALARM
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
FO	FIBER OPTIC
FP	FLAGPOLE
FS	FIRE SERVICE
G	GAS
GB	GRADE BREAK
GR	GRATE
GRB	GROUND ROD BOX
GRD	GRADE ELEVATION
GROD	GROUND ROD
GV	GAS VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HP	HIGH PRESSURE
HR	HANDRAIL
HVE	HIGH VOLTAGE ELECTRIC
IC	IN CONCRETE
ICV	IRRIGATION CONTROL VALVE
INV	PIPE INVERT ELEVATION
IRR	IRRIGATION
JP	JOINT UTILITY POLE
JT	JOINT TRENCH
LF	LINEAL FEET
LNDG	LANDING
M	METAL
MH	MANHOLE
MR	METAL RAMP
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
PED	PEDESTAL
PH	POSTHOLE
PIV	POST INDICATOR VALVE
PP	POWER POLE
PRKG	PARKING
PUE	PUBLIC UTILITY EASEMENT
R	RUBBER
RG	ROLLING GATE
RIM	MANHOLE RIM ELEVATION
ROW	RIGHT OF WAY
RW	RETAINING WALL
RWD	REDWOOD
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
STD	STANDARD
STL	STEEL
T	TELEPHONE
TBALL	TETHER BALL POLE
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TOW	TOP OF WALL
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
UG	UNDERGROUND
UNK	UNKNOWN
UON	UNLESS OTHERWISE NOTED
VBALL	VOLLEYBALL
W	WATER
W/	WITH
W/O	WITHOUT
WD	WOOD
WIF	WROUGHT IRON FENCE
XFRMR	TRANSFORMER
XWALK	CROSSWALK

TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	CPS CHISELED "+"	4897.73	4890.21	48.97
2	CPFIR CL HAM	4791.24	4958.33	48.74
3	CPFIR CL HAM	4542.19	4980.89	49.41
4	CPFIRINWELL AT C/LHAM	4785.77	4928.84	48.26
5	CPFIR AT INT HAM+KIRKWOOD	4869.83	4939.40	48.86
6	CPF BM1202 EL=50.04	4639.53	5037.62	50.04
7	CPFIR AT INT JUNEWOOD+KIRKWD	4869.36	4671.66	47.50
8	CPF 2 1/2" BRASS DISC	5224.78	4952.83	48.48
9	CPS CHISELED "+"	5214.57	5038.70	50.41
10	CPS CHISELED "+"	5175.06	5141.59	50.81
11	CPS CHISELED "+"	5034.06	5128.05	51.20
12	CPS CHISELED "+"	4764.98	5021.81	51.37
13	CPS CHISELED "+"	4785.46	5021.76	51.09
14	CPS CHISELED "+"	4845.05	5024.39	51.17
15	CPS CHISELED "+"	4822.34	5128.12	51.18
16	CPS CHISELED "+"	4565.55	5081.30	50.22
17	CPS CHISELED "+"	5017.77	5026.65	50.77
18	CPS CHISELED "+"	5155.67	5137.55	50.46
19	CPS CHISELED "+"	5175.06	5141.58	50.80
20	CPS CHISELED "+"	5178.31	5257.26	49.94
21	CPS CHISELED "+"	4957.43	5137.65	51.51
22	CPS CHISELED "+"	4923.64	5177.40	51.09
23	CPS CHISELED "+"	4844.07	5260.16	51.18
24	CPS CHISELED "+"	4974.64	5321.30	51.18
25	CPS CHISELED "+"	4841.82	5324.16	51.37
26	CPS CHISELED "+"	4689.76	5175.78	50.31

BASIS OF BEARINGS:
18 MAPS 5

F.E.M.A. INFORMATION:
THE SUBJECT PROPERTY IS LOCATED IN "ZONE X (SHADED) - AREA OF 0.2% ANNUAL CHANCE FLOOD HAZARD" PER FLOOD INSURANCE RATE MAP 06077C0168F DATED OCTOBER 16, 2009

NOTE:
EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES AND RECORD INFORMATION

A.P.N.	039-100-120
BENCHMARK NO. 1202	ELEV. 50.044
NE CORNER TURNER RD. AND HAM LN, 14.8' E/ CL OF CURB RETURN, 0.5' BEHIND BOC.	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN L. HENRY
C-22525
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL TOPOGRAPHIC SURVEY

CONSULTANT

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

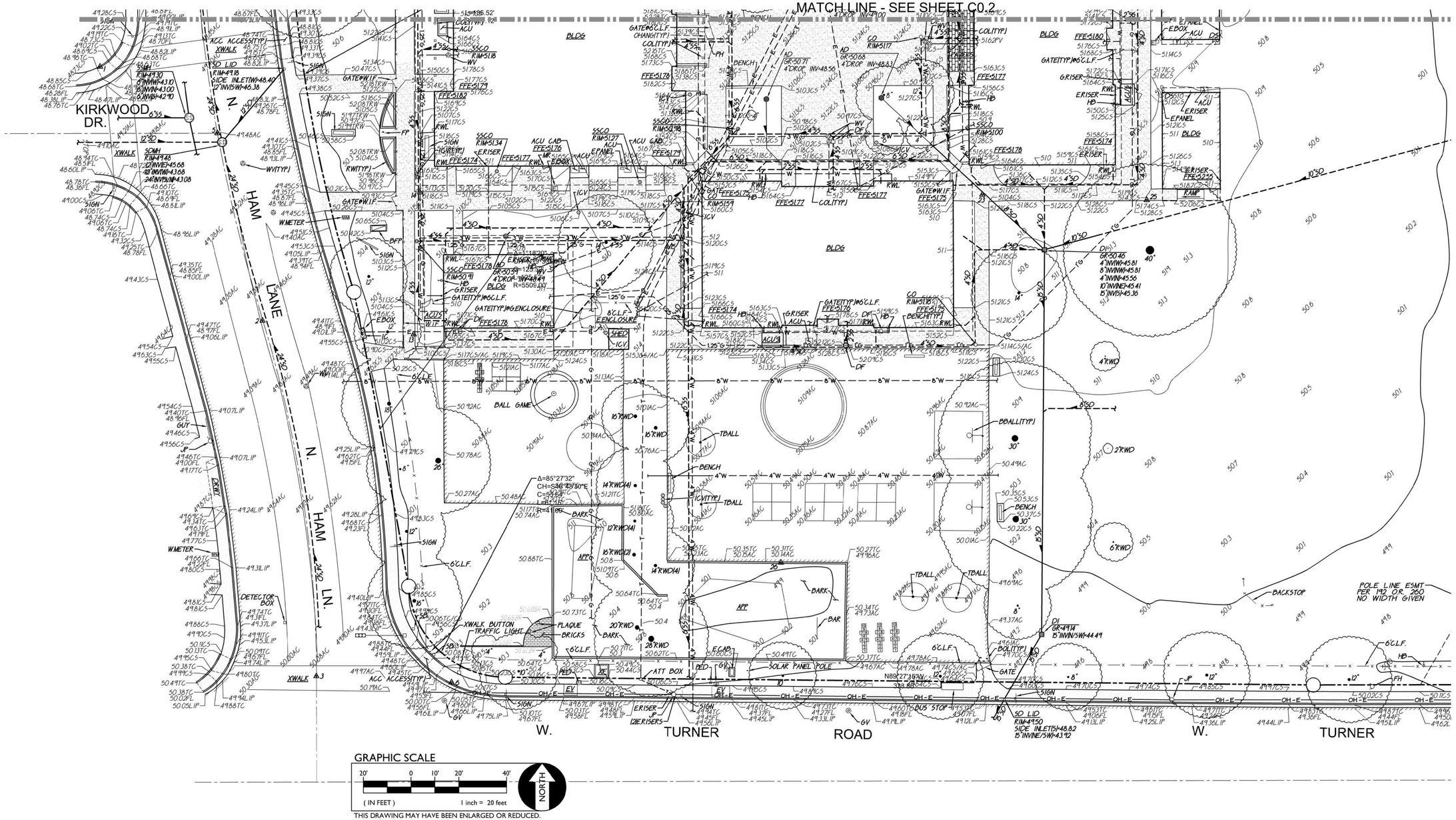
PROJECT NO.	REVISIONS	BY
21-32-52		
DATE 3/28/2022		
DRAWN ML/MG		
CHECKED MG		
SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

C0.2

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. C74696
CIVIL
STATE OF CALIFORNIA

FILENAME: I:\21-014\CIVIL\DWG\21-014 C0.2-C0.3.DWG



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APP: 02-120455 INC: A
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SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
STEPHEN L. HENRY
C-22525
12/31/23
RENEWAL DATE
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NO. C74696
CIVIL
STATE OF CALIFORNIA

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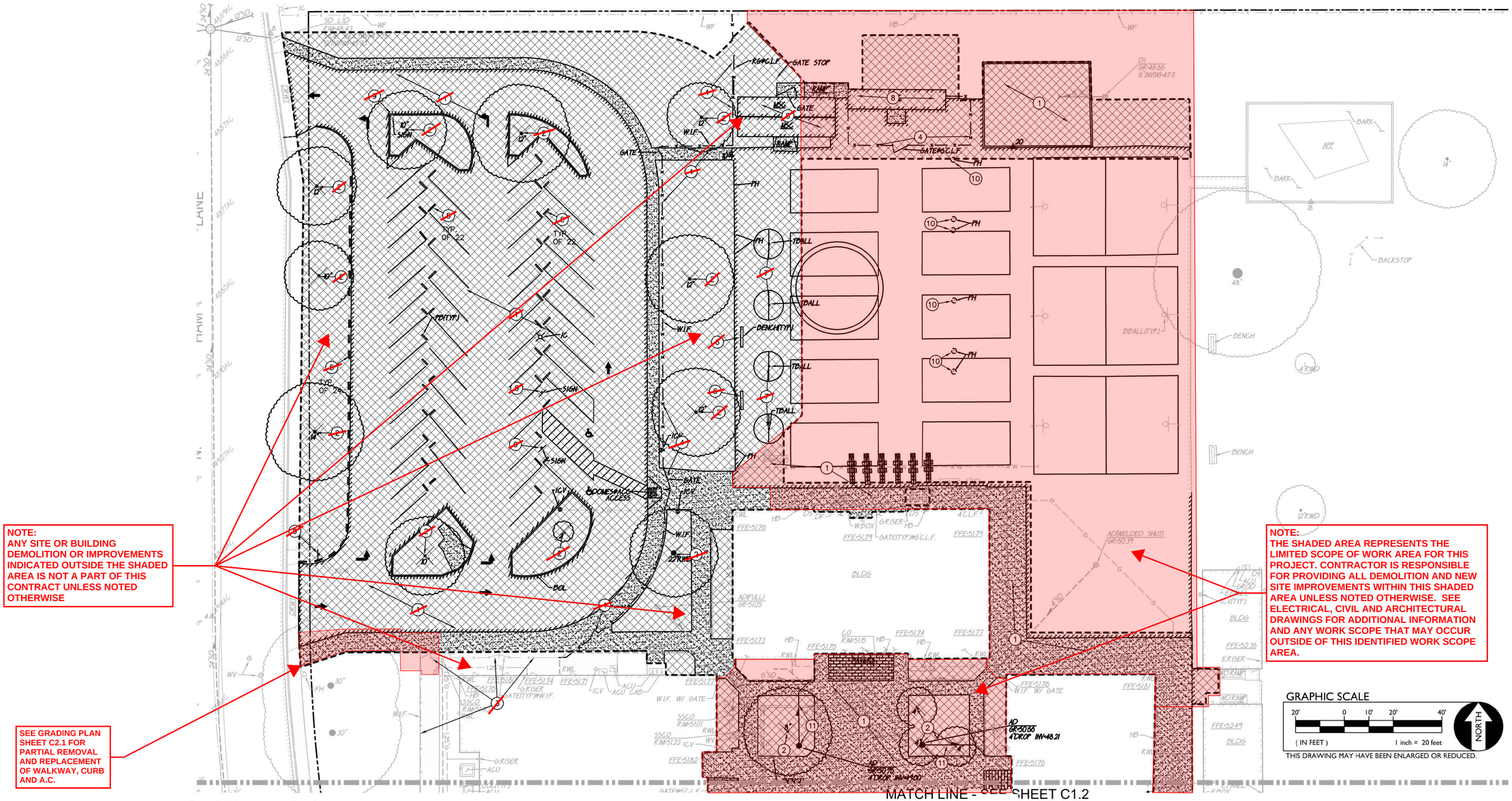

DEMOLITION GENERAL NOTES

1. REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
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. 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 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 EXTENT.
7. EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
8. ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
9. EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
10. SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST 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.
11. PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
12. WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
13. COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

DEMOLITION NOTES (NOTE: NOT ALL NOTES MAY BE USED FOR THIS LIMITED SCOPE PROJECT)

1. WITHIN LIMITS SHOWN REMOVE ALL PAVEMENT, CURB, GUTTER, BASE MATERIAL AND LANDSCAPING. COORDINATE LIMITS OF REMOVAL WITH PLANS BY OTHERS. ADDITIONAL DEMOLITION ITEMS SHOWN ON ARCHITECTURAL, ELECTRICAL AND PLUMBING PLANS.
2. REMOVE TREE, STUMP AND ALL ROOTS.
3. FENCING AND GATES TO REMAIN.
4. REMOVE EXISTING FENCE, GATES, AND ASSOCIATED FOOTINGS. SALVAGE AND PROTECT EXISTING GATES, POSTS AND FENCE PANELS FOR REUSE, SEE ARCHITECTURAL PLANS.
5. SALVAGE WHEEL STOP FOR REUSE.
6. SALVAGE BENCH. COORDINATE WITH OWNER.
7. REMOVE TETHERBALL POLE AND FOOTING.
8. DISTRICT TO REMOVE EXISTING CONTAINERS.
9. REMOVE SIGN, POST AND FOOTING.
10. REMOVE SLEEVE AND FOOTING. SEE PAVING PLAN FOR PATCH BACK.
11. REMOVE DRAIN INLET AND PIPING. SEE DRAINAGE PLAN FOR LIMITS.

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74696 STATE OF CALIFORNIA

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN M. GRIFFIN C-22023 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL DEMOLITION PLAN

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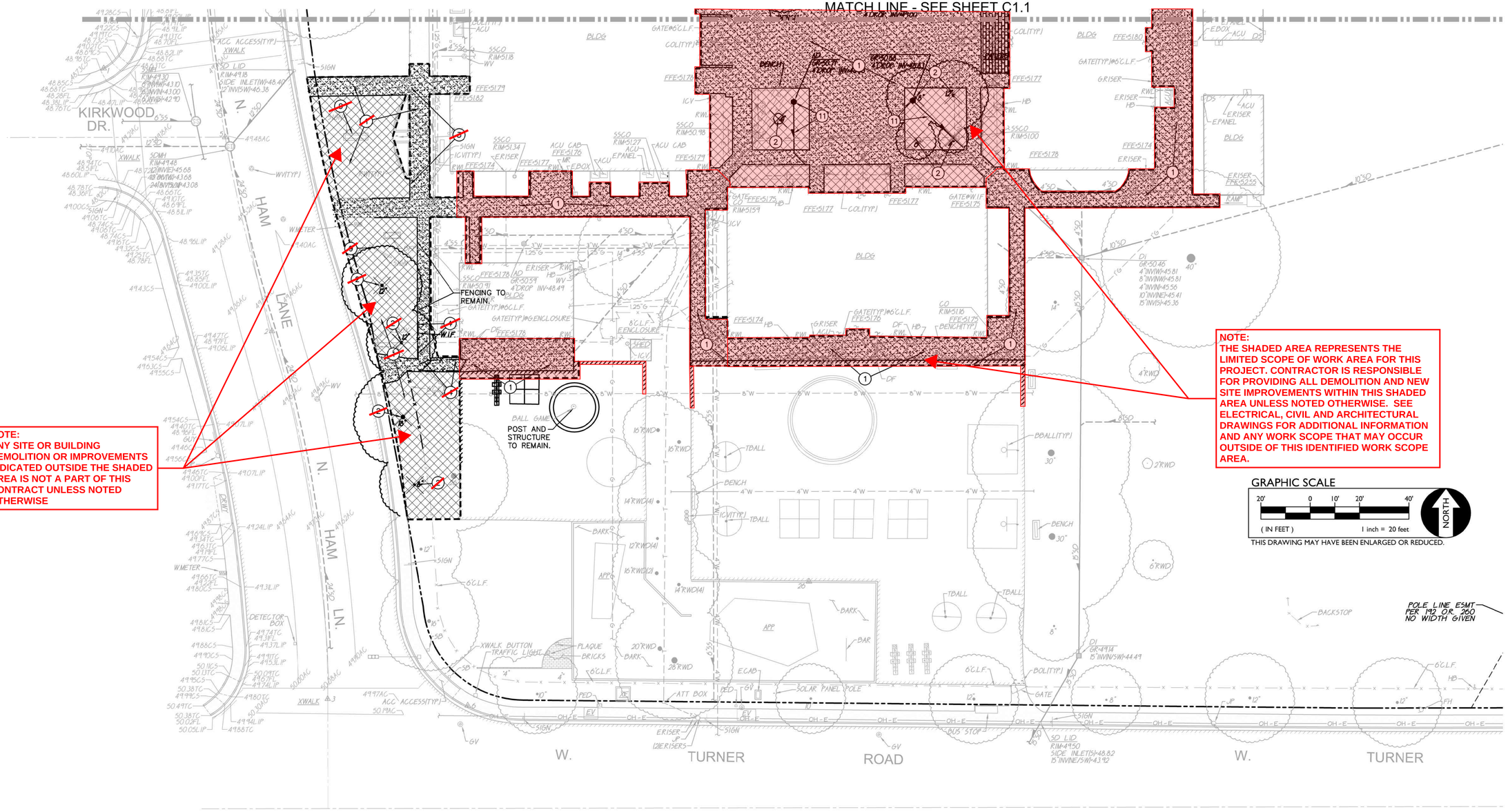
SHEET NO.

C1.1

MATCH LINE - SEE SHEET C1.1



GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

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DEMOLITION NOTES

(NOTE: NOT ALL NOTES MAY BE USED FOR THIS LIMITED SCOPE PROJECT)

1. WITHIN LIMITS SHOWN REMOVE ALL PAVEMENT, CURB, GUTTER, BASE MATERIAL AND LANDSCAPING. COORDINATE LIMITS OF REMOVAL WITH PLANS BY OTHERS. ADDITIONAL DEMOLITION ITEMS SHOWN ON ARCHITECTURAL, ELECTRICAL AND PLUMBING PLANS.
2. REMOVE TREE, STUMP AND ALL ROOTS.
3. FENCING AND GATES TO REMAIN.
4. REMOVE EXISTING FENCE, GATES, AND ASSOCIATED FOOTINGS. SALVAGE AND PROTECT EXISTING GATES, POSTS AND FENCE PANELS FOR REUSE, SEE ARCHITECTURAL PLANS
5. SALVAGE WHEEL STOP FOR REUSE.
6. SALVAGE BENCH. COORDINATE WITH OWNER.
7. REMOVE TETHERBALL POLE AND FOOTING.
8. RELOCATE EXISTING CONTAINER.
9. REMOVE SIGN, POST AND FOOTING. SIGNE TO BE RELOCATED. SEE ARCHITECTURAL PLANS.

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C1.2

NOTE:
ANY SITE OR BUILDING DEMOLITION OR IMPROVEMENTS INDICATED OUTSIDE THE SHADED AREA IS NOT A PART OF THIS CONTRACT UNLESS NOTED OTHERWISE

SEE SHEET C7.3 FOR FRONTAGE IMPROVEMENTS

NOTE:
THE SHADED AREA REPRESENTS THE LIMITED SCOPE OF WORK AREA FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL DEMOLITION AND NEW SITE IMPROVEMENTS WITHIN THIS SHADED AREA UNLESS NOTED OTHERWISE. SEE ELECTRICAL, CIVIL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND ANY WORK SCOPE THAT MAY OCCUR OUTSIDE OF THIS IDENTIFIED WORK SCOPE AREA.

NOTE:
THE DISTRICT HAS REQUESTED THAT THESE PLANTER AREAS BE POURED AS (N) CONCRETE WALKWAY ALONG WITH OTHER ADJACENT WALKWAYS WITHIN THE QUAD AREA.

MATCH LINE - SEE SHEET C2.2

1 / C2.1

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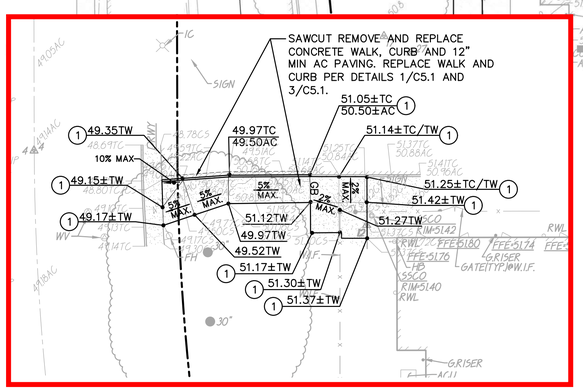

PARTIAL GRADING PLAN - (E) WALKWAY REMOVAL & REPLACEMENT

1 / C2.1 — 1" = 20'-0"

GRADING NOTES

1. MATCH EXISTING GRADE.
2. PROPOSED SIDEWALK ELEVATION SHALL MEET FLUSH WITH EXISTING FINISH FLOOR.
3. CONSTRUCT SWALE.
4. GRADE UNIFORMLY TO SWALE AND/OR INLET. (4 / C5.1)
5. ADJUST EXISTING STRUCTURE TO FINISH GRADE.
6. CONSTRUCT CONCRETE CURB PER (3 / C5.1)
7. ~~CONSTRUCT CONCRETE VALLEY GUTTER PER (6 / C5.1)~~
8. ~~CONSTRUCT ROLLED CURB PER (7 / C5.1) PROVIDE 10' TRANSITIONS FROM VERTICAL TO ROLLED CURB~~
9. ~~CONSTRUCT CURB OPENING PER (2 / C5.1)~~
10. ~~CONSTRUCT FLUSH CONCRETE CURB PER (5 / C5.1)~~
11. ~~CONSTRUCT GUTTER PER (8 / C5.1)~~
12. ~~PROVIDE 2:1 TRANSITION FROM VERTICAL CURB TO FLUSH~~
13. ~~CONSTRUCT SEAT WALL PER (5 / C5.3)~~
14. ~~CONSTRUCT MOWSTRIP AT BASE OF FENCE PER (4 / C5.3)~~
15. ~~CONSTRUCT SWALE PER (3 / C5.3)~~
16. ~~CONSTRUCT DROP OFF PER (1 / C5.3)~~
17. ~~CONSTRUCT STAIRS PER (6 / C5.3)~~

ACCESSIBILITY NOTES:

1. FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
2. PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED BY SPOT ELEVATIONS. (0.0% MAX.)
3. WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION.
4. TRANSITIONS BETWEEN ASPHALT AND CONCRETE SHALL BE FLUSH UNLESS SEPARATED BY CURB OR NOTED OTHERWISE.

GENERAL NOTES:

1. AT LIMITS OF NEW CONCRETE ADJACENT TO LANDSCAPING PROVIDE A 4:1 MAXIMUM TRANSITION TO EXISTING GRADE WITH TOPSOIL. ADJUST EXISTING IRRIGATION HEADS TO FINISH GRADE AND PROVIDE SOD IN GRASS AREAS TO RESTORE TO EXISTING CONDITION.
2. ALL TRANSITIONS TO EXISTING PAVEMENT SHAL BE A SMOOTH AND LEVEL TRANSITION.
3. WIDTH OF NEW SIDEWALKS SHALL MATCH WIDTH OF EXISTING, ADJACENT, SIDEWALKS.
4. SEE ARCHITECTURAL PLANS FOR EXPANSION AND CONTROL JOINT LAYOUT.

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT — STEVEN C. HENRY — C-22023 — 12/31/23 RENEWAL DATE — STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL GRADING PLAN

CONSULTANT
WCE
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SHEET NO.
C2.1

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. TASSANO — NO. C74696 — CIVIL — STATE OF CALIFORNIA

FILENAME: I:\21-014\CIVIL\DWG\21-014 C2.1-C2.2.DWG

NOTE:
THE DISTRICT HAS REQUESTED THAT THESE PLANTER AREAS BE POURED AS (N) CONCRETE WALKWAY ALONG WITH OTHER ADJACENT WALKWAYS WITHIN THE QUAD AREA.

NOTE:
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MATCH LINE - SEE SHEET C2.1

SEE SHEET C7.3 FOR FRONTAGE IMPROVEMENTS

NOTE:
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HAM LN.

W. TURNER ROAD

POLE LINE ESMT PER 142 OR 260 NO WIDTH GIVEN

ACCESSIBILITY NOTES:

1. FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
2. PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED BY SPOT ELEVATIONS. (2.0% MAX.)
3. WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION. △16
4. TRANSITIONS BETWEEN ASPHALT AND CONCRETE SHALL BE FLUSH UNLESS SEPARATED BY CURB OR NOTED OTHERWISE.

GENERAL NOTES:

1. AT LIMITS OF NEW CONCRETE ADJACENT TO LANDSCAPING PROVIDE A 4:1 MAXIMUM TRANSITION TO EXISTING GRADE WITH TOPSOIL. ADJUST EXISTING IRRIGATION HEADS TO FINISH GRADE AND PROVIDE SOD IN GRASS AREAS TO RESTORE TO EXISTING CONDITION.
2. ALL TRANSITIONS TO EXISTING PAVEMENT SHAL BE A SMOOTH AND LEVEL TRANSITION.
3. WIDTH OF NEW SIDEWALKS SHALL MATCH WIDTH OF EXISTING, ADJACENT, SIDEWALKS.
4. SEE ARCHITECTURAL PLANS FOR EXPANSION AND CONTROL JOINT LAYOUT.

GRADING NOTES

1. MATCH EXISTING GRADE.
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3. CONSTRUCT SWALE.
4. GRADE UNIFORMLY TO SWALE AND/OR INLET. (4 / C5.1)
5. ADJUST EXISTING STRUCTURE TO FINISH GRADE.
6. ~~CONSTRUCT CONCRETE CURB PER~~ (3 / C5.1)
7. ~~CONSTRUCT CONCRETE VALLEY GUTTER PER~~ (6 / C5.1)
8. ~~CONSTRUCT ROLLED CURB PER~~ (5 / C5.1) ~~PROVIDE 18' TRANSITIONS FROM VERTICAL TO ROLLED CURB.~~
9. ~~CONSTRUCT CURB OPENING PER~~ (2 / C5.1)
10. ~~CONSTRUCT FLUSH CONCRETE CURB PER~~ (5 / C5.1)
11. ~~CONSTRUCT GUTTER PER~~ (8 / C5.1)
12. ~~PROVIDE 2:1 TRANSITION FROM VERTICAL CURB TO FLUSH.~~
13. ~~CONSTRUCT CRAT WALL PER~~ (5 / C5.1)
14. ~~CONSTRUCT MOWSTRIP AT BASE OF FENCE PER~~ (4 / C5.1)
15. ~~CONSTRUCT BIOSWALE PER~~ (3 / C5.1)
16. ~~CONSTRUCT DROP OFF PER~~ (8 / C5.1)
17. ~~CONSTRUCT STAIRS PER~~ (6 / C5.1)

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

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LICENSED ARCHITECT STEVEN C. HENRY C-22025 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL GRADING PLAN

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NOTE:
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SEE GRADING PLAN SHEET C2.1 FOR PARTIAL REMOVAL AND REPLACEMENT OF WALKWAY, CURB AND A.C.

MATCH LINE - SEE SHEET C3.2

GRAPHIC SCALE
20' 0 10' 20' 40'
(IN FEET) 1 inch = 20 feet
NORTH
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DRAINAGE NOTES

21. CONNECT TO EXISTING STORM DRAIN PIPING. POTHOLE AND FIELD VERIFY DEPTH AND LOCATION.
22. PROVIDE DROP INLET PER 9/C5.1
23. PROVIDE AREA DRAIN PER 10/C5.1
24. PLACE 6" STORM DRAIN PER SLOPE AT 0.010 MIN. 11/C5.1
25. ~~PLACE 8" STORM DRAIN PER SLOPE AT 0.005 MIN.~~
26. ~~PLACE 4" SUBDRAIN PER SLOPE AT 0.005 MIN.~~
27. ~~PROVIDE 2 SACK SLURRY BACKFILL TO 6" OVER TOP OF PIPE.~~
28. ~~PROVIDE STORM DRAIN CLEANOUT PER~~
29. PLACE 4" STORM DRAIN PER SLOPE AT 0.020 MIN. 11/C5.1
30. CLEAN AND FLUSH EXISTING STORM DRAIN PIPING TO LIMITS NOTED ON PLAN. PUMP ALL DEBRIS FROM SYSTEM.

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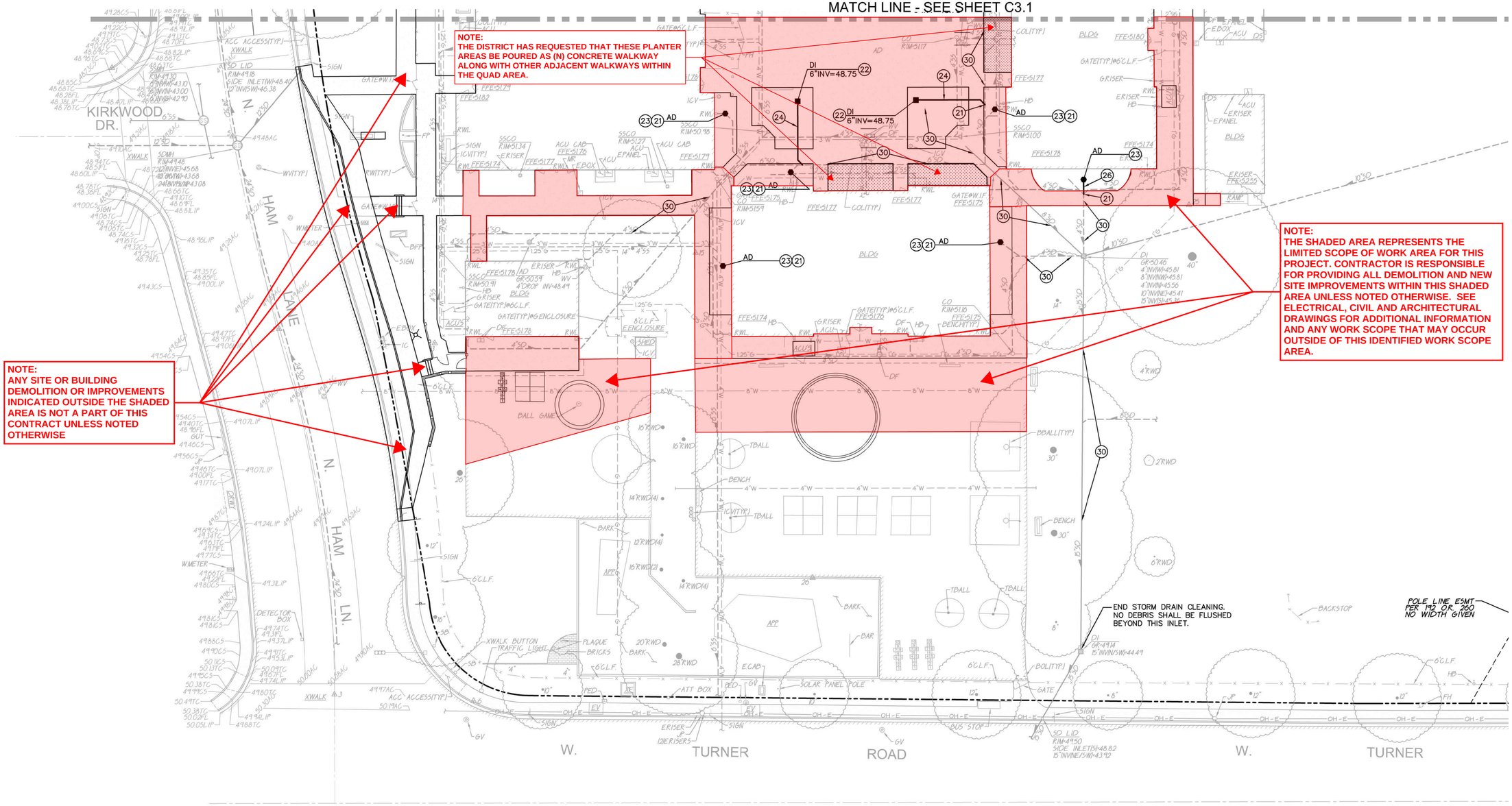
MATCH LINE - SEE SHEET C3.1



DRAINAGE NOTES

21. CONNECT TO EXISTING STORM DRAIN PIPING. POTHOLE AND FIELD VERIFY DEPTH AND LOCATION.
22. PROVIDE DROP INLET PER 9/C5.1
23. PROVIDE AREA DRAIN PER 10/C5.1
24. PLACE 6" STORM DRAIN PER SLOPE AT 0.010 MIN. 11/C5.1
25. ~~PLACE 8" STORM DRAIN PER SLOPE AT 0.005 MIN.~~
26. ~~PLACE 4" SUBDRAIN PER SLOPE AT 0.005 MIN. C5.0~~
27. ~~PROVIDE 2 SACK SLURRY BACKFILL TO 6" OVER TOP OF PIPE.~~
28. ~~PROVIDE STORM DRAIN CLEANOUT PER 12/C5.1~~
29. PLACE 4" STORM DRAIN PER SLOPE AT 0.020 MIN. 11/C5.1
30. CLEAN AND FLUSH EXISTING STORM DRAIN PIPING TO LIMITS NOTED ON PLAN. PUMP ALL DEBRIS FROM SYSTEM.

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

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CONSULTANT

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

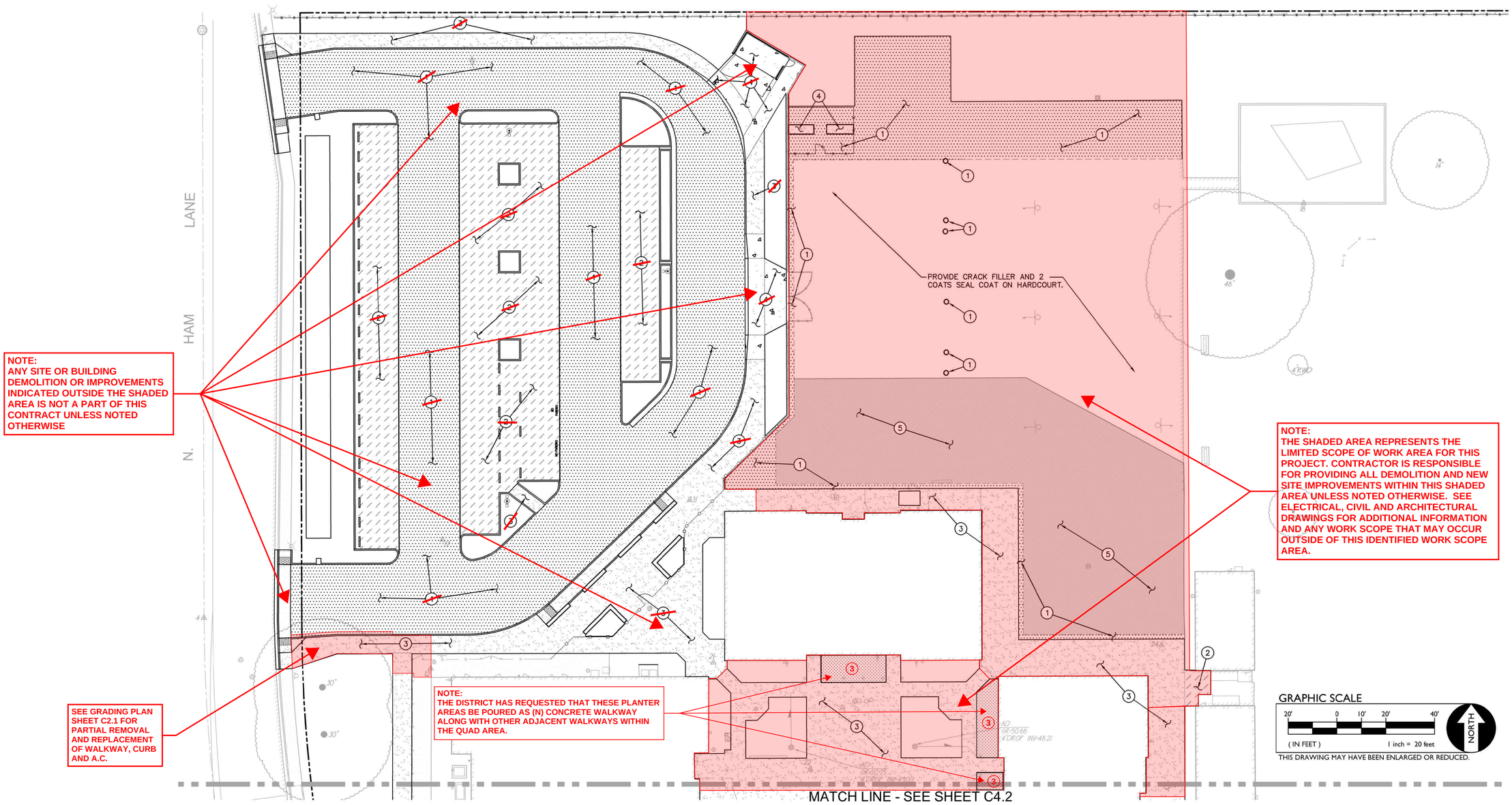
PROJECT NO. 21-32-52	REVISIONS	BY
DATE 3/28/2022		
DRAWN ML/MG		
CHECKED MG		
SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

C3.2

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. C74696
STATE OF CALIFORNIA

FILENAME: I:\21-014\CIVIL\DWG\21-014 C3.1-C3.2.DWG



PAVING GENERAL NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR STRIPING LAYOUT.
2. ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
3. REFER TO ARCHITECTURAL PLANS FOR CONTROL AND EXPANSION JOINTS, AND CONCRETE FINISH.
4. PRIOR TO NEW SEALCOAT ON EXISTING ASPHALT SURFACES, FILL ALL CRACKS 1/4" INCHES OR WIDER WITH AN APPROVED CRACK FILLER.
5. SLOPE IN ACCESSIBLE STALLS AND UNLOAD ZONES SHALL NOT EXCEED 1.9% IN ANY DIRECTION.
6. SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS;

   CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL – 1.9%
   DIRECTION OF TRAVEL – 4.9%
   RAMP IN DIRECTION OF TRAVEL – 8.0%
   PLAZA 1.9% – IN ANY DIRECTION

6. ALL EXPOSED ASPHALT EDGES SHALL HAVE HEADER BOARDS WHETHER SHOWN OR NOT.
7. ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

PAVING LEGEND

1. PLACE 3.5" AC OVER 4" AB COMPACTED TO 95% MIN. ON SUBGRADE PER SPECIFICATIONS.
2. PLACE 2.5" AC OVER 4" AB COMPACTED TO 95% MIN. ON SUBGRADE PER SPECIFICATIONS.
3. PLACE 4" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 4" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS. (1 / C5.1)
4. PLACE 6" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 6" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS. (1 / C5.1)
5. PROVIDE 1.5" MIN. AC OVERLAY. GRIND AT LIMITS TO PROVIDE MINIMUM SECTION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STATE OF CALIFORNIA C-22023 12/31/23 RENEWAL DATE

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL PAVING PLAN

CONSULTANT
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
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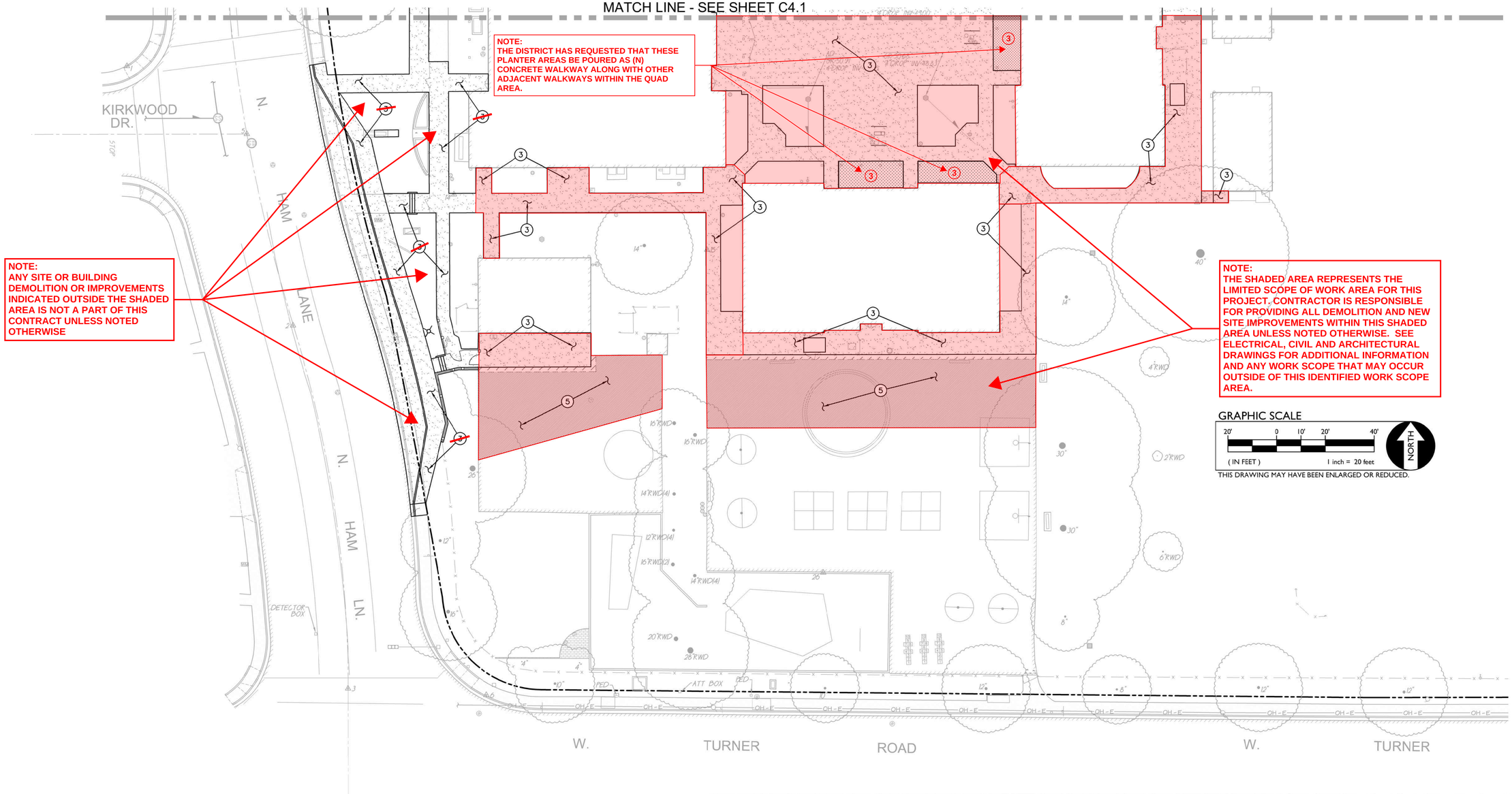
SHEET NO.
C4.1

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74696 STATE OF CALIFORNIA

FILENAME: I:\21-014\CIVIL\DWG\21-014 C4.1-C4.2.DWG

MATCH LINE - SEE SHEET C4.1



PAVING GENERAL NOTES:

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2. ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
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   DIRECTION OF TRAVEL – 4.9%
   RAMP IN DIRECTION OF TRAVEL – 8.0%
   PLAZA 1.9% – IN ANY DIRECTION

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7. ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

PAVING LEGEND

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2. PLACE 2.5" AC OVER 4" AB COMPACTED TO 95% MIN. ON SUBGRADE PER SPECIFICATIONS.
3. PLACE 4" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 4" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS. (1 / C5.1)
4. PLACE 6" PCC WITH NO. 3 BARS AT 18" O.C. EACH WAY OVER 6" MIN. AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS. (1 / C5.1)
5. PROVIDE 1.5" MIN. AC OVERLAY. GRIND AT LIMITS TO PROVIDE MINIMUM SECTION.

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74696 STATE OF CALIFORNIA

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT ANTHONY J. HENRY C-22025 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

PARTIAL PAVING PLAN

CONSULTANT

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

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SHEET NO.

C4.2

NOTE:
ANY SITE OR BUILDING DEMOLITION OR IMPROVEMENTS INDICATED OUTSIDE THE SHADED AREA IS NOT A PART OF THIS CONTRACT UNLESS NOTED OTHERWISE

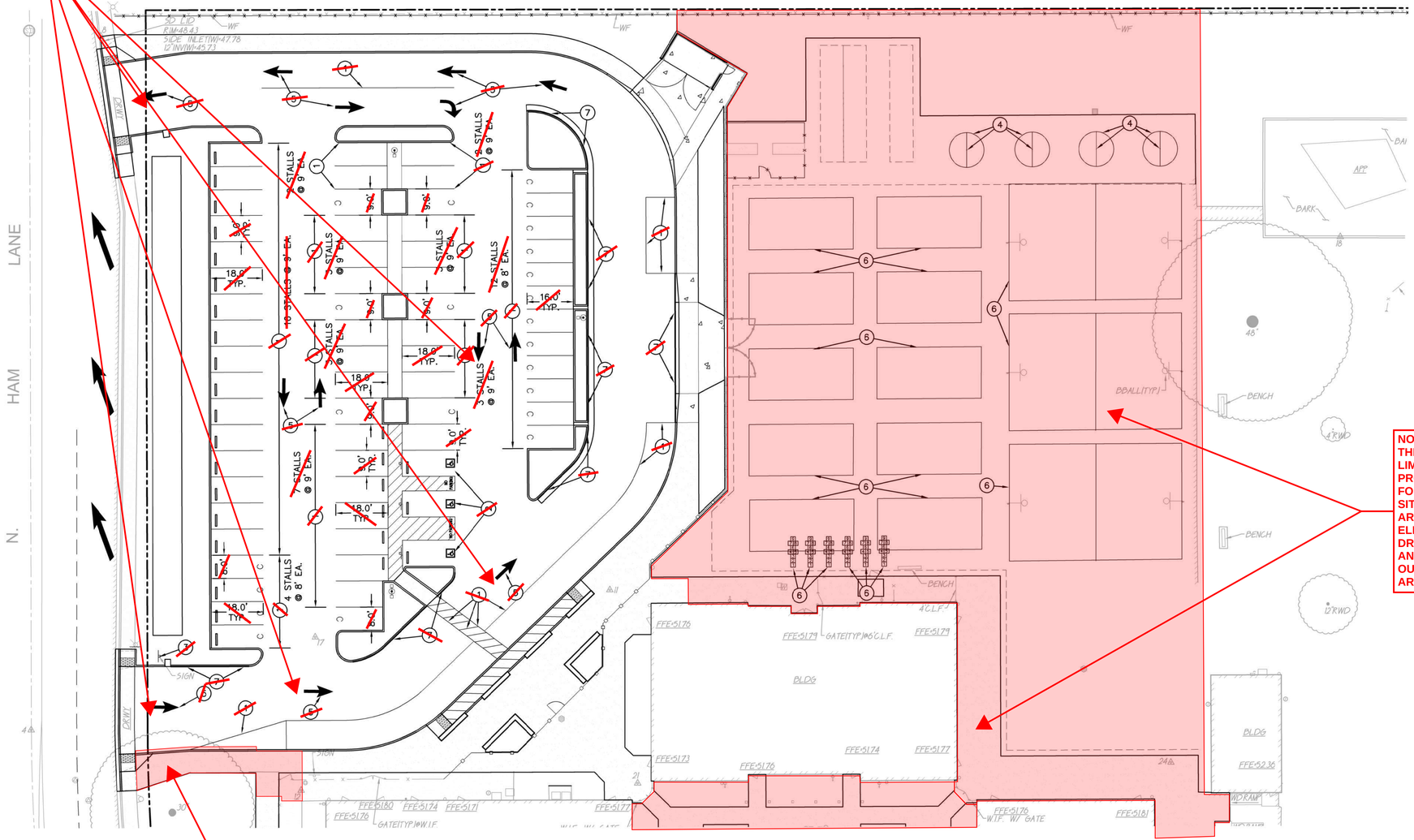
GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



NOTE:
THE SHADED AREA REPRESENTS THE LIMITED SCOPE OF WORK AREA FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL DEMOLITION AND NEW SITE IMPROVEMENTS WITHIN THIS SHADED AREA UNLESS NOTED OTHERWISE. SEE ELECTRICAL, CIVIL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND ANY WORK SCOPE THAT MAY OCCUR OUTSIDE OF THIS IDENTIFIED WORK SCOPE AREA.

SEE GRADING PLAN SHEET C2.1 FOR PARTIAL REMOVAL AND REPLACEMENT OF WALKWAY, CURB AND A.C.

STRIPING AND SIGNAGE NOTES

(NOTE: NOT ALL NOTES MAY BE USED FOR THIS LIMITED SCOPE PROJECT)

1. PROVIDE 4" WIDE HIGHT STRIPE, TYPICAL OF STALLS.
2. PROVIDE ACCESSIBLE STRIPING AND SIGNAGE PER — 1 C4.4, 2 C4.4, 4 C4.4
3. PROVIDE "UNAUTHORIZED VEHICLE" TOWING SIGN PER — 3 C4.4
4. PROVIDE TEATHERBALL POLE AND STRIPING PER — 6 C4.4, 6 C4.4
5. PROVIDE TYPE I ARROW.
6. PROVIDE NEW HARD COURT STRIPING TO MATCH EXISTING CONDITION.
7. PAINT CURB RED WITH 4" HIGH, 3/4" WIDE STROKE SAYING "NO PARKING – FIRE LANE". MARKINGS SHALL BE LOCATED EVERY 25'.

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74696 STATE OF CALIFORNIA

FILENAME: I:\21-014\CIVIL\DWG\21-014 C4.3-C4.4.DWG

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Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C-22023 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

STRIPING AND SIGNAGE PLAN

CONSULTANT

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

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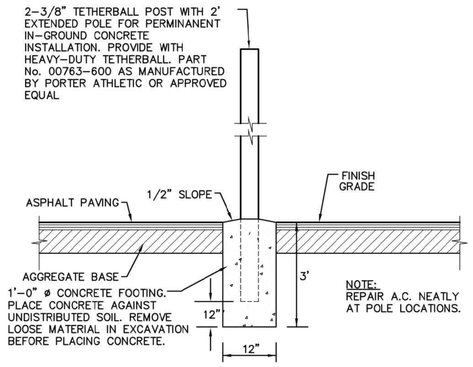
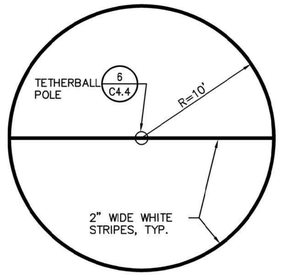
SHEET NO.

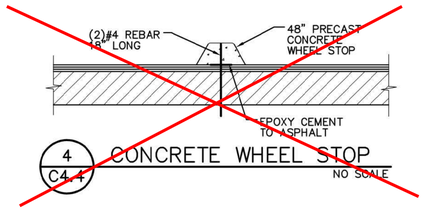
C4.3



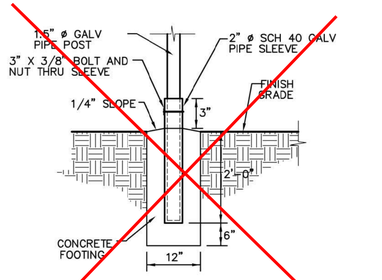
6 C4.4 TETHER BALL POST NO SCALE



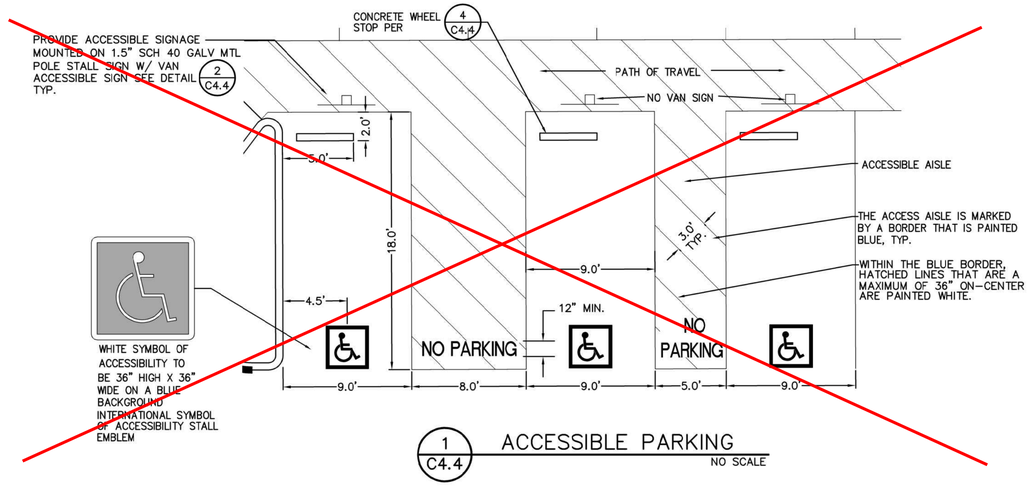
7 C4.4 TETHERBALL COURT STRIPING NO SCALE



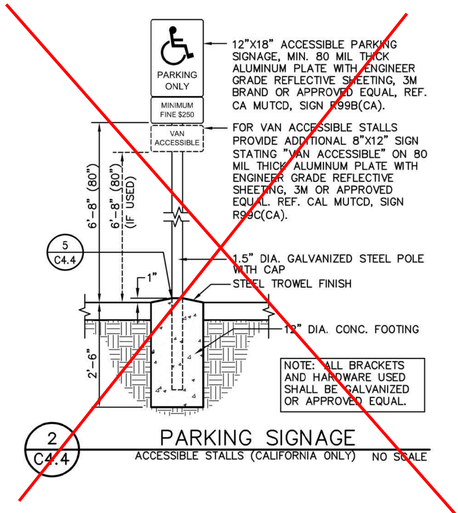
4 C4.4 CONCRETE WHEEL STOP NO SCALE



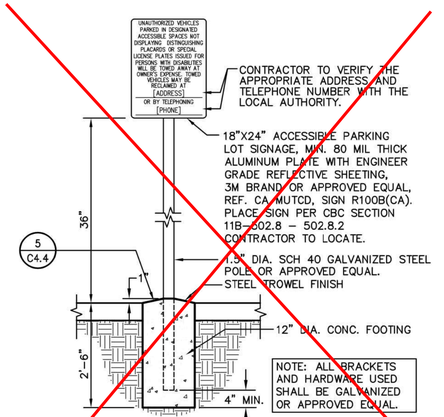
5 C4.4 SIGN SLEEVE NO SCALE



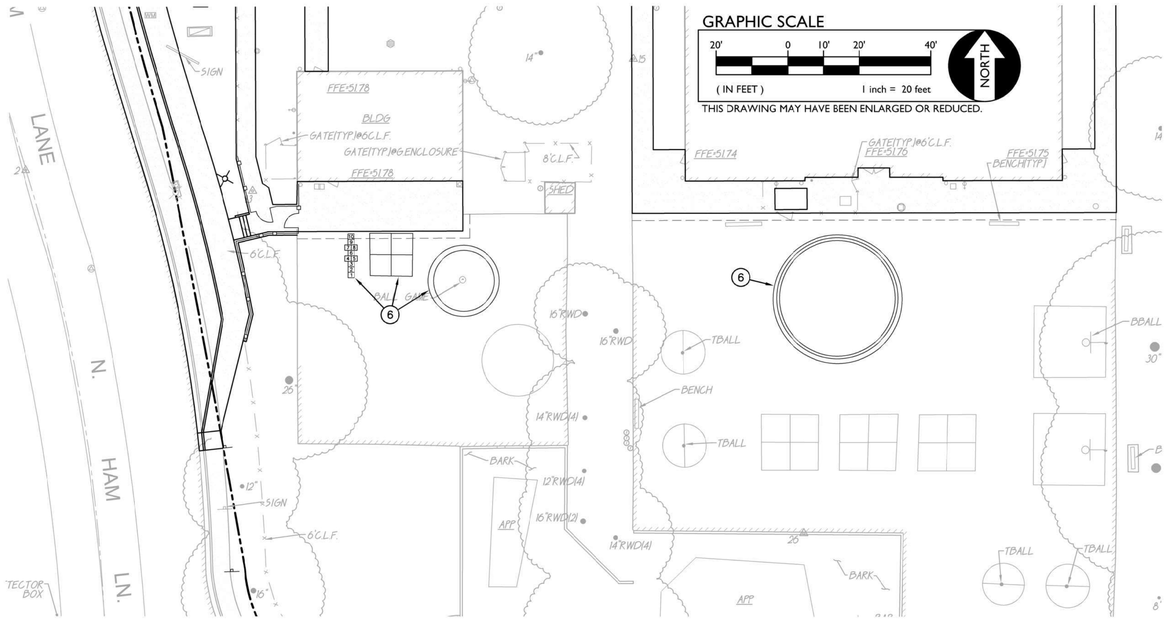
1 C4.4 ACCESSIBLE PARKING NO SCALE



2 C4.4 PARKING SIGNAGE ACCESSIBLE STALLS (CALIFORNIA ONLY) NO SCALE



3 C4.4 UNAUTHORIZED VEHICLE SIGN NO SCALE



STRIPING AND SIGNAGE NOTES

6. PROVIDE NEW HARD COURT STRIPING TO MATCH EXISTING CONDITION.

IDENTIFICATION STAMP
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
JAMES C. HENRY
C-22025
12/31/23
RENEWAL DATE
STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

STRIPING AND SIGNAGE PLAN AND DETAILS

CONSULTANT

WCE
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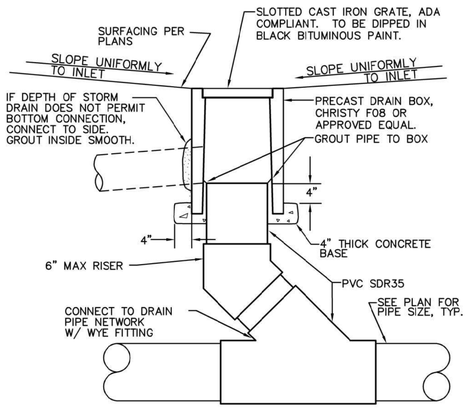
SHEET NO.

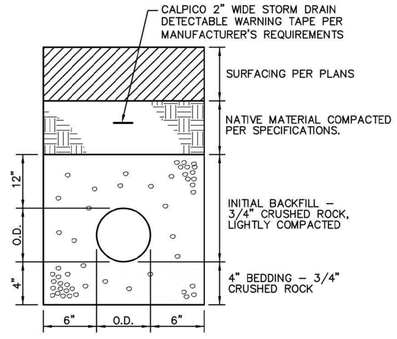
C4.4

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. C74696
STATE OF CALIFORNIA

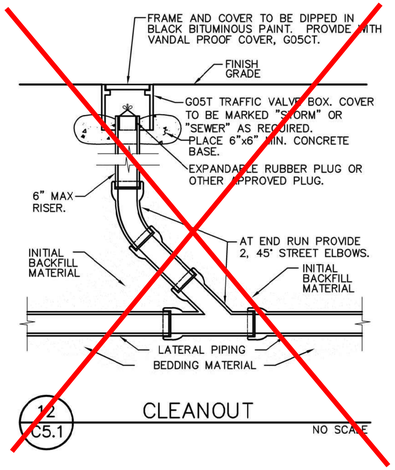
FILENAME: I:\21–014\CIVIL\DWG\21–014 C4.3–C4.4.DWG



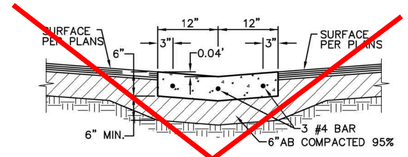
10 C5.1 AREA DRAIN — NO SCALE



11 C5.1 STORM DRAIN TRENCH — NO SCALE

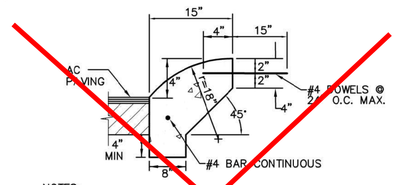


12 C5.1 CLEANOUT — NO SCALE



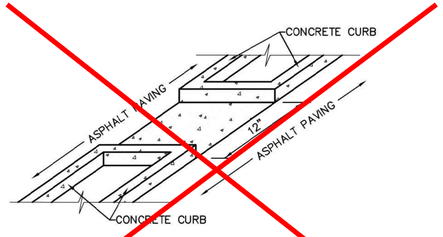
NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. SEAL E.J. WITH APPROVED JOINT SEALANT. PROVIDE CONTROL JOINTS AT 10 FEET O.C.
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

6 C5.1 CONCRETE VALLEY GUTTER — NO SCALE

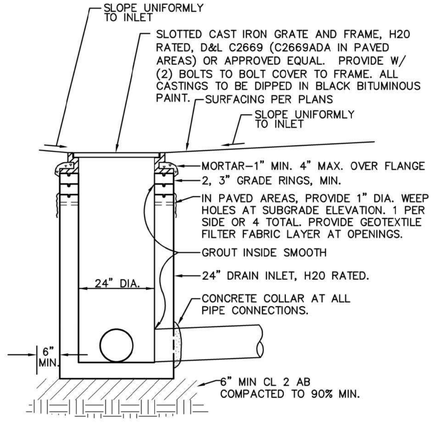


NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. PROVIDE CONTROL JOINTS AT 10 FEET O.C., EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE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

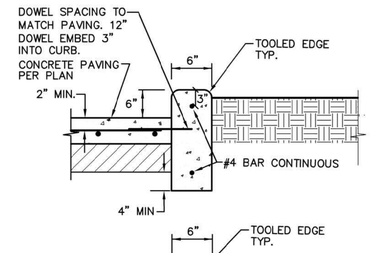
7 C5.1 ROLLED CURB — NO SCALE



8 C5.1 CONCRETE GUTTER — NO SCALE

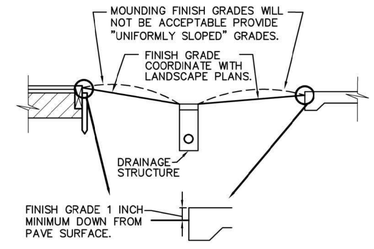


9 C5.1 DROP INLET — NO SCALE



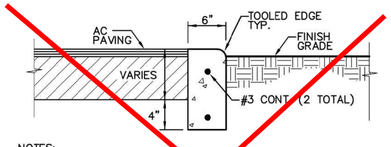
NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. MAXIMUM PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAXIMUM, EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH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

3 C5.1 CONCRETE CURB — NO SCALE



1. FINSH GRADE IN LANDSCAPED AREAS IS DEFINED AS THE FINISHED GRADE ELEVATION WITH THE SOIL AMENDMENTS ROTOTILLED INTO THE SOIL.
2. THE FINISH DIRT GRADE ELEVATION IN AREAS THAT RECEIVE ROLLED TURF TO BE DOWN 2 INCHES FROM TOP OF PAVED SURFACE.
3. IN AREAS WHERE NO DRAINAGE IS SHOWN, GRADE 1 INCH BELOW AND UNIFORMLY BETWEEN FINISHED AND/OR EXISTING SURFACES, UNLESS NOTED OTHERWISE.

4 C5.1 UNIFORM GRADING — NO SCALE



NOTES:
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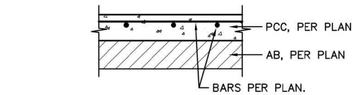
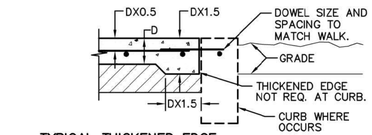
2. AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

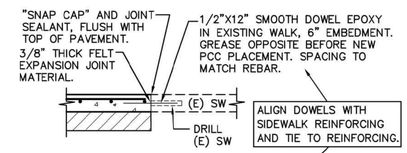
5 C5.1 FLUSH CONCRETE CURB — NO SCALE



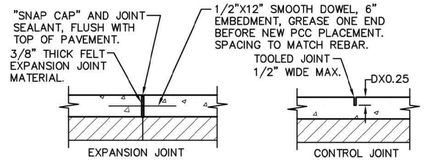
TYPICAL SECTION



TYPICAL THICKENED EDGE



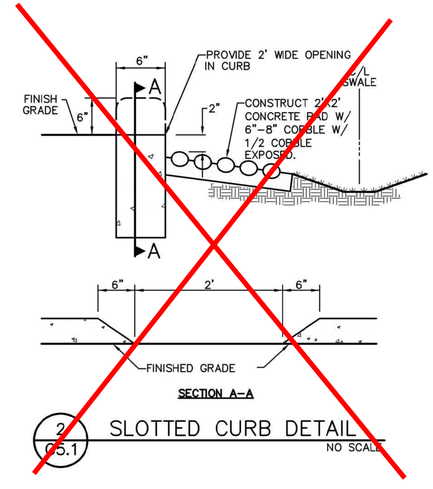
CONNECTION TO (E) CONCRETE



TYPICAL JOINTS

NOTES:
1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MIN. SEE PLAN FOR LAYOUT.
2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MIN. SEE PLAN FOR LAYOUT.
3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

1 C5.1 CONCRETE SIDEWALK — NO SCALE



SECTION A–A

2 C5.1 SLOTTED CURB DETAIL — NO SCALE

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

IDENTIFICATION STAMP
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APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

LICENSED ARCHITECT — STATE OF CALIFORNIA — C-22025 — 12/31/23 RENEWAL DATE

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

DETAILS

CONSULTANT

WCE
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

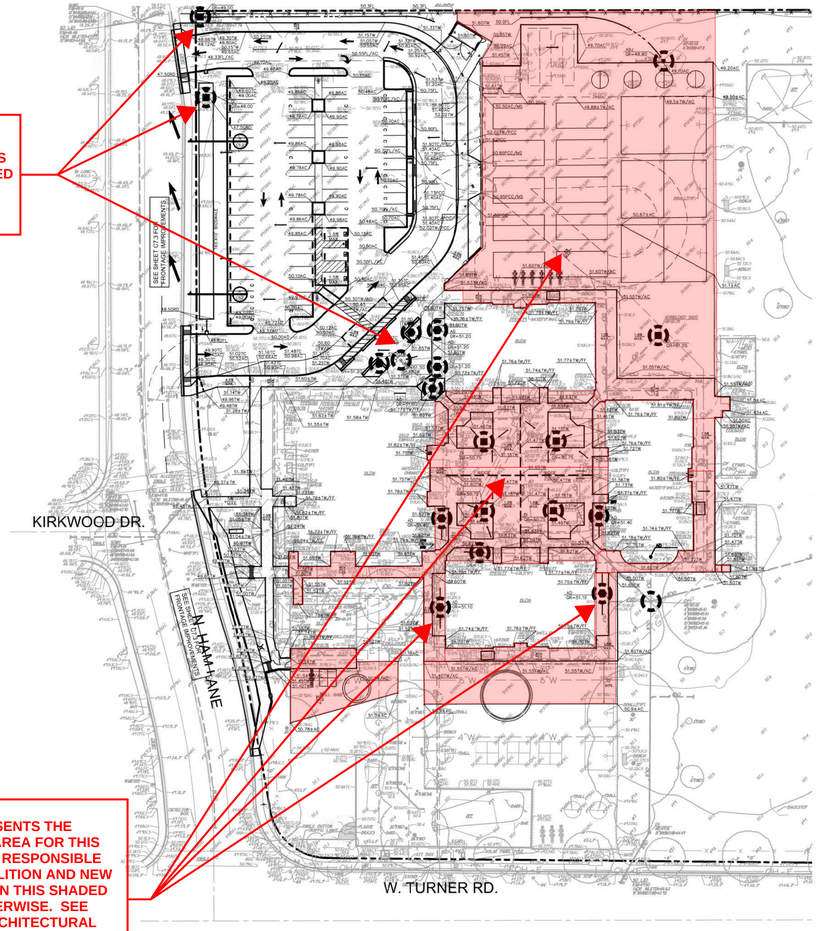
PROJECT NO. 21-32-52	REVISIONS	BY
DATE 3/28/2022		
DRAWN ML/MG		
CHECKED MG		
SCALE AS NOTED		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

C5.1

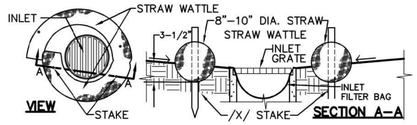
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. TASSANO — NO. C74696 — STATE OF CALIFORNIA — 12/31/23

FILENAME: I:\21-014\CIVIL\DWG\21-014 C5.1-C5.2.DWG



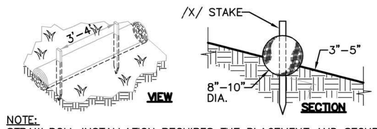
NOTE:
ANY SITE OR BUILDING DEMOLITION OR IMPROVEMENTS INDICATED OUTSIDE THE SHADED AREA IS NOT A PART OF THIS CONTRACT UNLESS NOTED OTHERWISE

NOTE:
THE SHADED AREA REPRESENTS THE LIMITED SCOPE OF WORK AREA FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL DEMOLITION AND NEW SITE IMPROVEMENTS WITHIN THIS SHADED AREA UNLESS NOTED OTHERWISE. SEE ELECTRICAL, CIVIL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND ANY WORK SCOPE THAT MAY OCCUR OUTSIDE OF THIS IDENTIFIED WORK SCOPE AREA.



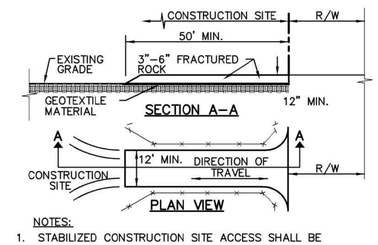
NOTE: STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE IN A TRENCH, 3–1/2" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

1 / C6.1 **STRAW WATTLE INLET FILTER** — NO SCALE



NOTE:
STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND 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.

2 / C6.1 **STRAW ROLLS** — 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 / C6.1 **STABILIZED CONSTRUCTION SITE ACCESS** — NO SCALE

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. IF CERTAIN SOIL TYPES (E.G. COLLOIDAL SOILS) ARE DETECTED, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL TREATMENT MEASURES PRIOR TO DISCHARGE.
2. CONTRACTOR IS RESPONSIBLE FOR THE DEWATERING AND REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES JUST PRIOR TO THE COMMENCING OF THE FINAL GRADING AND PAVING OPERATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE SITE TO MINIMIZE DUST CREATED DURING CONSTRUCTION.
4. PRIOR TO PLACEMENT OF HYDRO SEEDING, REMOVE TEMPORARY EROSION CONTROL MEASURES (STRAW WATTLE FENCE AND TRACKED LOOSE STRAW).
5. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.
6. ALL MATERIALS STORED ON–SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS.
7. CONTRACTOR SHALL MAINTAIN ALL WATTLE OR SILT FENCES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AS WELL AS BEFORE, DURING, AND AFTER A STORM EVENT. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED. REFER TO SPECIFICATIONS AND ADDITIONAL REQUIREMENTS.
8. CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION FENCING THROUGHOUT THE PROJECT. THIS FENCING SHALL DETER PEDESTRIANS AND NON–CONSTRUCTION RELATED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE AREA TO THE GREATEST POSSIBLE EXTEND, THE CONTRACTOR SHALL COORDINATE THIS FENCING LAYOUT WITH SCHOOL DISTRICT PERSONNEL PRIOR TO ANY FENCING PLACEMENT SO AS TO NOT SIGNIFICANTLY INTERFERE WITH SCHOOL OPERATION.
9. CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.
10. CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.

LEGEND

(#) EROSION CONTROL NOTES

NOTE: EXACT LOCATION WILL BE COORDINATED BY CONTRACTOR AND PROJECT QSP.

1. CONTRACTOR SHALL PROVIDE STRAW WATTLE BARRIER AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF ON–SITE WORK PER THE DETAIL PROVIDED. IN ADDITION TO WATTLE, PROVIDE FILTER BAG AT EACH INLET. STRAW WATTLES NOT REQUIRED AT INLETS IN PAVED AREAS, ONLY FILTER BAG. (1 / C6.1)
2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE PER DETAIL (2 / C6.1)
3. CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION SITE ACCESS PER DETAIL (3 / C6.1)
4. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A STAGING AREA IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS IN SECTION 4 OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BMP HANDBOOK. SIZE AS NEEDED. AFTER CONSTRUCTION COMPLETE, RETURN AREA TO NATURAL CONDITION. (STAGE)

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			X		N/A			N/A	N/A				
CUT-FILL ACTIVITIES	X	X	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	X	X	X
STORM IMPROVEMENTS	X		X	X	X	X	X	X		X	X		X	X	X	X	X
CURB AND GUTTER	N/A		X	X	X	X	X	X		X	X			X	X	X	X
STREET IMPROVEMENTS			X	X	X	X	X	X		X	X			X	X	X	X
PAVE OUT				X	X		X	X		X	X			X		X	X
POST CONSTRUCTION			X	X	X												
MAINTENANCE SCHEDULE																	
DAILY*																	
WEEKLY*		X	X		X	X		X		X	X				X	X	X
MONTHLY*																	
BEFORE RAIN		X	X		X	X		X		X	X						
DURING RAIN		X	X		X	X		X		X	X						
AFTER RAIN		X	X		X	X		X		X	X						
AS NEEDED				X			X							X			

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

MONITORING SCHEDULE

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

PARCEL AREA	– ACRES
TOTAL DISTURBED AREA	– ACRES
S.W.P.P.P. REQUIRED?	NO

ANY CHANGES MADE TO THE SWPPP IN THE FIELD MUST BE SHOWN ON THE MAP. UPDATE MAP TO REFLECT CHANGES.

MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.

STORM DRAINAGE OUTFALL BMP'S
REFER TO PROTECT CONSTRUCTION PLAN DETAILS FOR SPECIFIC POST CONSTRUCTION BMP MEASURES AT OUTFALL STRUCTURES.

SEDIMENT AND EROSION CONTROL MEASURES ON SWPPP MAP 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.

ADD TO MAP AS LOCATED IN THE FIELD

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

GRAPHIC SCALE

50' 0 25' 50' 100'
(IN FEET) 1 inch = 50 feet
NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

ANTHONY J. TASSANO
REGISTERED PROFESSIONAL ENGINEER
No. C74696
STATE OF CALIFORNIA

FILENAME: I:\21–014\CIVIL\DWG\21–014 C6.1.DWG

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730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT
ANTHONY J. TASSANO
No. C-22025
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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

EROSION CONTROL PLAN

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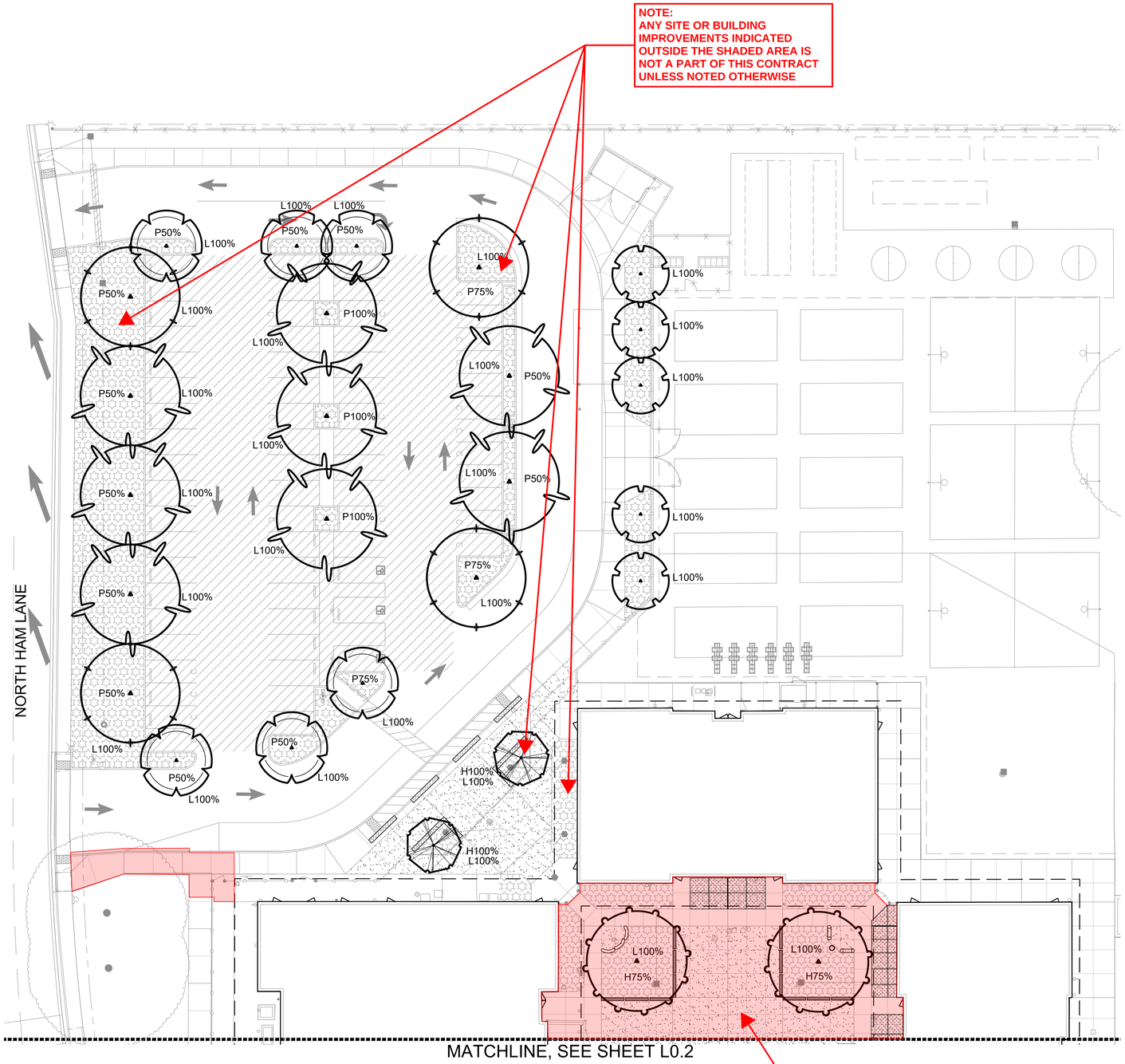
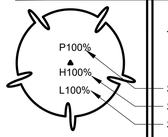


KEY

TREE SHADING LEGEND



TREES - NOT ALL SYMBOLS SHOWN
WITH TREE SHADING CANOPY PERCENTAGE
NOTE: COORDINATE UTILITY LINE LOCATIONS WITH TREE PLACEMENTS

SHADE PERCENTAGE: PARKING
SHADE PERCENTAGE: HARDSCAPE
SHADE PERCENTAGE: LANDSCAPE

AREA USED AS 'TOTAL PARKING AREA'

AREA USED AS 'TOTAL HARDSCAPE AREA'

AREA USED AS 'TOTAL LANDSCAPE AREA'

PARKING LOT SHADING (50% WITHIN 15 YEARS)

TREES	100%	75%	50%	25%
35'	3 (962) = 2,886 S.F.	2 (722) =1,444 S.F.	7 (481) = 3,367 S.F.	0 (240) = X S.F.
30'	0 (706) = X S.F.	0 (530) = X S.F.	0 (354) = X S.F.	0 (177) = X S.F.
25'	0 (491) = X S.F.	1 (368) = 368 S.F.	5 (246) = 1,230 S.F.	0 (123) = X S.F.
20'	0 (314) = X S.F.	0 (236) = X S.F.	0 (157) = X S.F.	0 (79) = X S.F.
SUB-TOTALS	2,886 S.F.	1,812 S.F.	4,597 S.F.	0 S.F.

TOTAL PARKING LOT AREA = 17,998 S.F. (8,999 S.F. NEEDED)

TOTAL SHADED AREA = 9,295 S.F.

PERCENTAGE OF SHADE = 51.6%

HARDSCAPE SHADING (20% WITHIN 15 YEARS)

TREES	100%	75%	50%	25%
35'	0 (962) = X S.F.	4 (722) = 2,888 S.F.	0 (481) = X S.F.	0 (240) = X S.F.
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20'	2 (314) = 628 S.F.	0 (236) = X S.F.	0 (157) = X S.F.	0 (79) = X S.F.
SUB-TOTALS	628 S.F.	2,888 S.F.	0 S.F.	0 S.F.

TOTAL PAVED AREA = 8,100 S.F. (1,620 S.F. NEEDED)

TOTAL SHADED AREA = 3,516 S.F.

PERCENTAGE OF SHADE = 43.4%

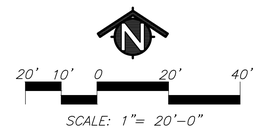
LANDSCAPE SHADING (20% WITHIN 15 YEARS)

TREES	100%	75%	50%	25%
30'	16 (707) = 11,312 S.F.	00 (530) = 0000 S.F.	00 (354) = 0000 S.F.	00 (177) = 0000 S.F.
20'	8 (314) = 2,512 S.F.	00 (236) = 0000 S.F.	00 (157) = 0000 S.F.	00 (79) = 0000 S.F.
SUB-TOTALS	13,824 S.F.	0 S.F.	0 S.F.	0000 S.F.

LANDSCAPE AREA = 12,821 S.F. (2,564 S.F. NEEDED)

TOTAL SHADED AREA = 13,824 S.F.

PERCENTAGE OF SHADE = 107.8%



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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

TREE SHADING PLAN

CONSULTANT

LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 RENEWAL DATE 7/31/23 STATE OF CALIFORNIA

Bryan Hollis Walker C-5453

PROJECT NO. 21-32-052	REVISIONS	BY
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L0.1

OF 97 SHEETS

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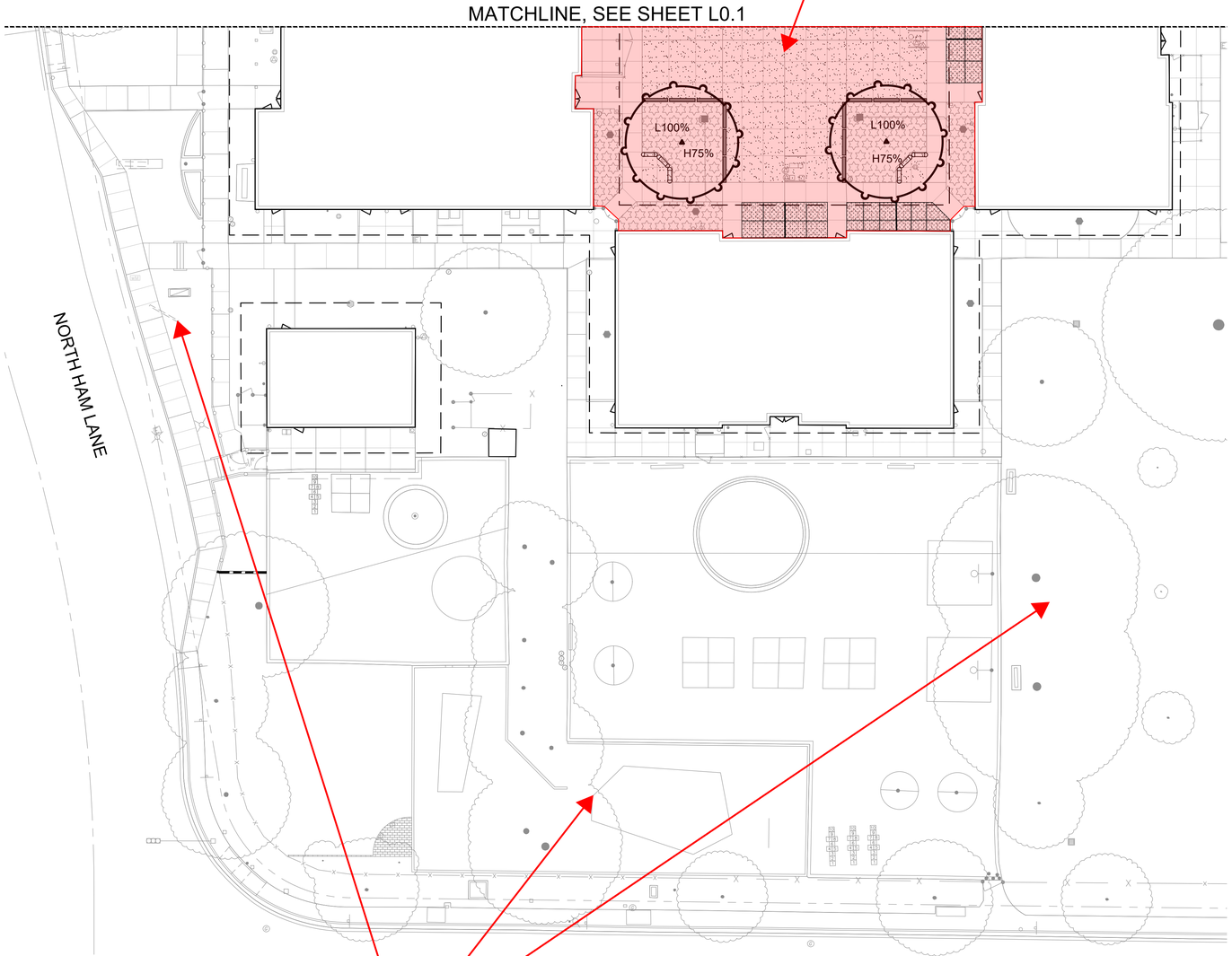

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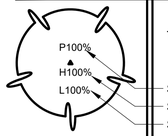
TREE SHADING LEGEND



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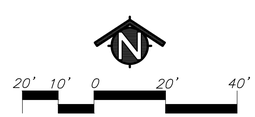

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LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

TREE SHADING PLAN

CONSULTANT

LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 DATE 7/31/23 RENEWAL DATE STATE OF CALIFORNIA

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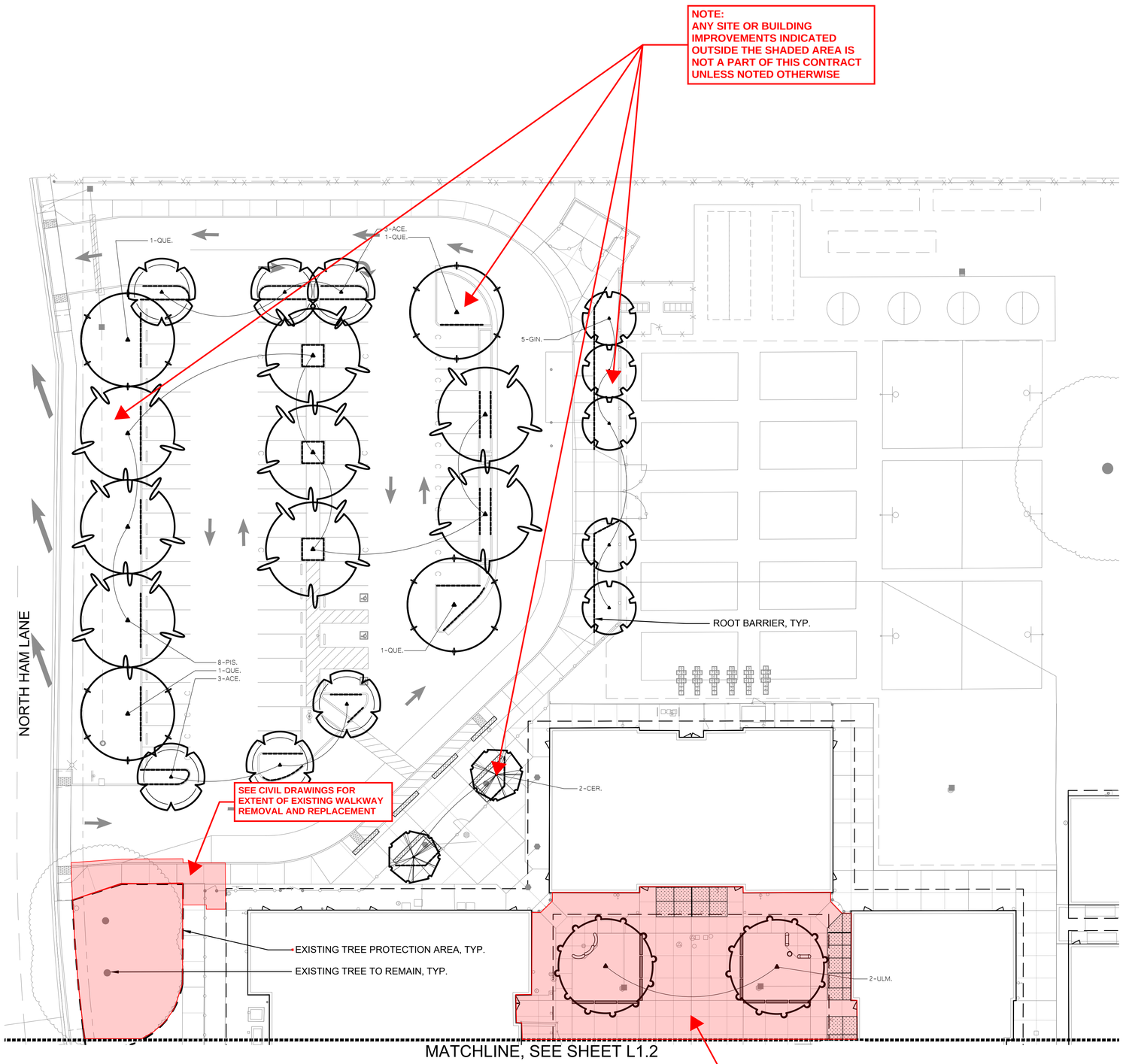

KEY — LANDSCAPE LEGEND

- TREES - NOT ALL SYMBOLS SHOWN
- EXISTING TREE TO REMAIN
- EXISTING TREE PROTECTION AREA
  SEE TREE PROTECTION DETAILS L4.1-1 AND L4.1-2 FOR OPERATIONS UNDERNEATH TREE DRIP LINES. SEE TREE PROTECTION SPECIFICATIONS.
  NOTE:
  CONTRACTOR TO IRRIGATE ALL TREES BY HAND DURING CONSTRUCTION PROCESS
- ROOT BARRIER, INSTALL WHERE SHOWN ON PLANS
  SEE DETAIL L4.1-4
- 7-AAA. — PLANT QUANTITY / PLANT KEY
- CONCRETE MOWSTRIP
  SEE DETAIL L4.1-8

TREE MATERIAL LIST

SIZE	QTY.	KEY	BOTANICAL NAME ... COMMON NAME	WATER USE
			TREES:	
24" BOX	6	ACE.	ACER BUERGERANIUM ... TRIDENT MAPLE	MEDIUM
24" BOX	2	CER.	CERCIS CANADENSIS VAR. TEXENSIS ... TEXAS REDBUD	LOW
24" BOX	5	GIN.	GINKGO BILOBA 'PRINCETON SENTRY' ... PRINCETON SENTRY GINKGO (NON-FRUITING)	MEDIUM
24" BOX	8	PIS.	PISTACIA CHINENSIS 'KEITH DAVEY' ... CHINESE PISTACHE (NON-FRUITING)	LOW
24" BOX	4	QUE.	QUERCUS ILEX ... HOLLY OAK	LOW
24" BOX	4	ULM.	ULMUS PARVIFOLIA 'TRUE GREEN' ... TRUE GREEN CHINESE ELM	MEDIUM

GENERAL LANDSCAPE REQUIREMENTS/NOTES

1. NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
2. NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
3. QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
4. PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
5. SEE SHEET L4.1 FOR PLANTING INSTALLATION DETAILS.

ENVIRONMENTAL REQUIREMENTS:

GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.

PROTECTION:

EXISTING CONSTRUCTION: EXECUTE WORK IN AN ORDERLY AND CAREFUL MANNER TO PROTECT NEW CONCRETE WALKS, WORK OF OTHER TRADES, AND OTHER IMPROVEMENTS.

EXISTING UTILITIES: DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE, AS REQUIRED, TO MINIMIZE POSSIBILITY OF DAMAGE TO UNDERGROUND UTILITIES. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY ALL PARTIES CONCERNED. BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES WITHIN CONSTRUCTION AREA; REPAIR DAMAGE TO UTILITIES THAT OCCUR AS A RESULT OF OPERATIONS OF THIS WORK.

LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACT.

ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOD OR PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.

PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS

NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

SOIL TESTING/SOIL IMPROVEMENT:

SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

SOIL PERCOLATION

EXCAVATE TREE PITS. FILL EXCAVATED PLANTING PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.

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MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

TREE PLANTING PLAN

CONSULTANT

LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 DATE 7/31/23 RENEWAL DATE STATE OF CALIFORNIA

Bryan Hollis Walker C-5453

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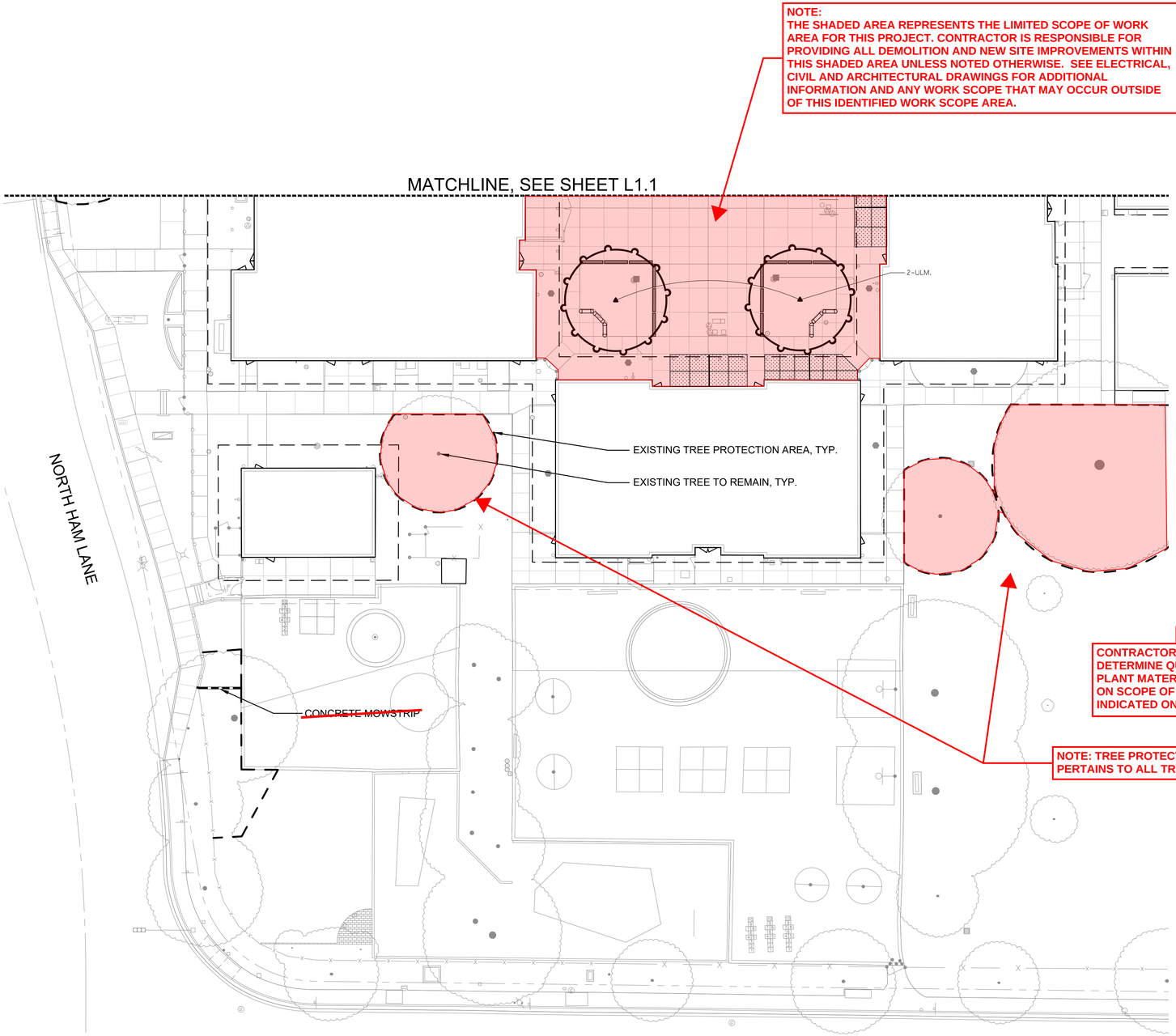
OF 97 SHEETS



KEY | LANDSCAPE LEGEND

TREES - NOT ALL SYMBOLS SHOWN

EXISTING TREE TO REMAIN

EXISTING TREE PROTECTION AREA
SEE TREE PROTECTION DETAILS L4.1-1 AND L4.1-2 FOR OPERATIONS UNDERNEATH TREE DRIP LINES. SEE TREE PROTECTION SPECIFICATIONS.

NOTE:
CONTRACTOR TO IRRIGATE ALL TREES BY HAND DURING CONSTRUCTION PROCESS

ROOT BARRIER, INSTALL WHERE SHOWN ON PLANS
SEE DETAIL L4.1-4

7-AAA. PLANT QUANTITY
PLANT KEY

CONCRETE MOWSTRIP
SEE DETAIL L4.1-8

TREE MATERIAL LIST

SIZE	QTY.	KEY	BOTANICAL NAME ... COMMON NAME	WATER USE
			TREES:	
24" BOX	6	ACE.	ACER BUERGERANIUM ... TRIDENT MAPLE	MEDIUM
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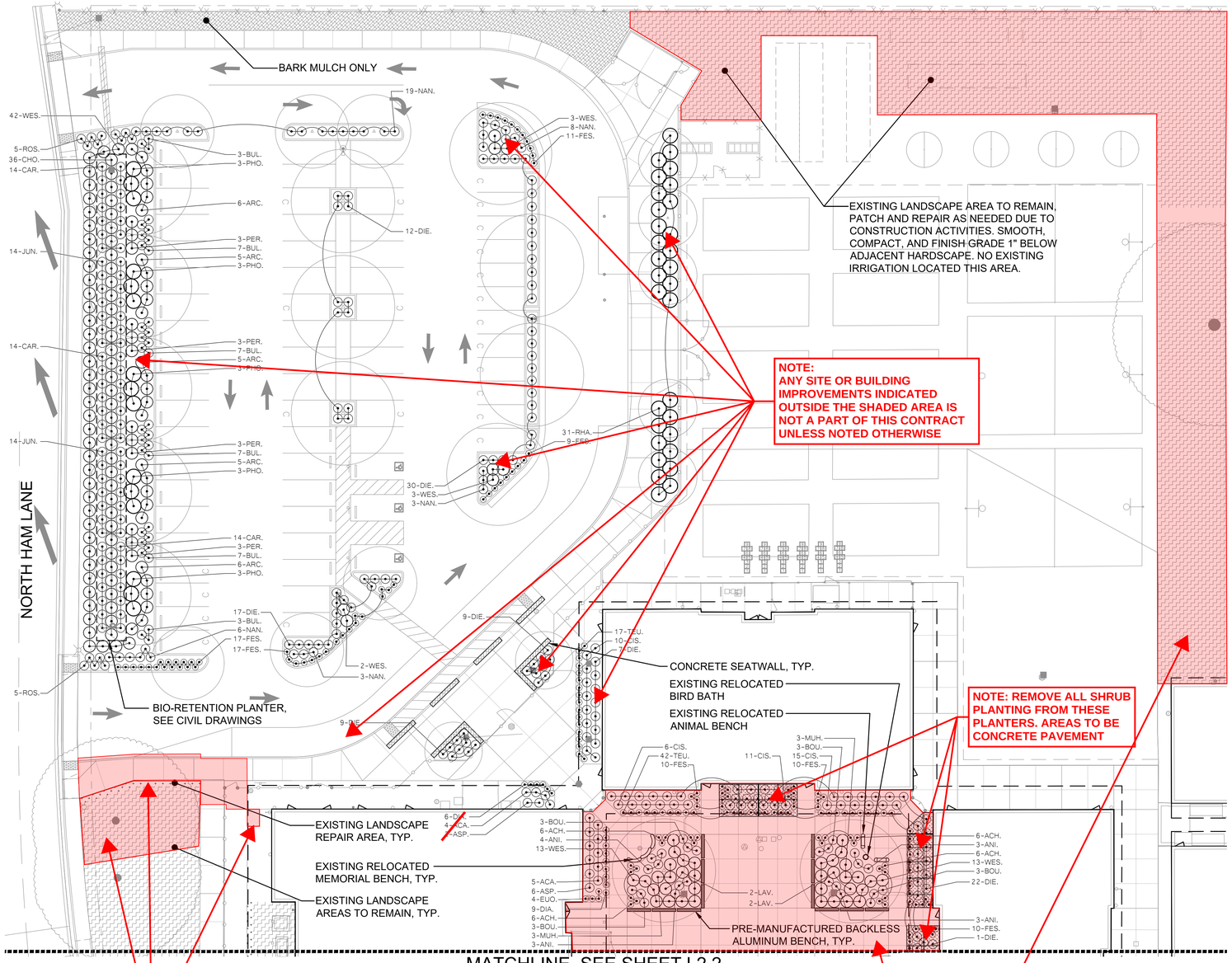

MATCHLINE, SEE SHEET L2.2

SEE CIVIL FOR EXTENT OF WALKWAY REPAIR. CONTRACTOR TO REPAIR LANDSCAPE AND IRRIGATION DAMAGED DURING CONSTRUCTION OF NEW WALKWAY. EXISTING TREES TO REMAIN, SEE SHEET L1.1 AND TREE PROTECTION SPECIFICATIONS. ALL LAWN DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH SOD. IRRIGATION TO LAWN AND EXISTING TREES SHALL NOT BE PAUSED FOR MORE THAN 96 HOURS. CONTRACTOR RESPONSIBLE TO REPLACE ALL TURF IN EXISTING LAWN AREAS THAT ARE LEFT WITHOUT WATER FOR MORE THAN 96 HOURS. REPAIR SHALL BE WITH SOD.

PLANT MATERIAL LIST

WATER USE	SIZE	QUANTITY	KEY	BOTANICAL NAME ... COMMON NAME
				SHRUBS:
LOW	5 G.C.	36	ACA.	ACACIA COGNATA 'COUSIN ITT' ... COUSIN ITT ACACIA
LOW	1 G.C.	48	ACH.	ACHILLEA MILLEFOLIUM 'SONOMA COAST' ... SONOMA COAST YARROW
LOW	5 G.C.	28	ANI.	ANIGOZANTHOS 'YELLOW GEM' ... YELLOW GEM KANGAROO PAW
LOW	5 G.C.	30	ASP.	ASPIDISTRA ELATIOR ... CAST IRON PLANT
LOW	1 G.C.	34	BUL.	BULBINE FRUTESCENS 'HALLMARK' ... ORANGE STALKED BULBINE
LOW	5 G.C.	56	CIS.	CISTUS HYBRIDUS 'MICKIE' ... MICKIE ROCKROSE
LOW	1 G.C.	53	DIA.	DIANELLA REVOLUTA 'CLARITY BLUE' ... CLARITY BLUE DIANELLA
LOW	1 G.C.	130	DIE.	DIETES GRANDIFLORA 'VARIEGATA' ... STRIPED FORTNIGHT LILY
LOW	1 G.C.	30	EUO.	EUONYMUS FORTUNEI 'EMERALD GAIETY' ... EMERALD GAIETY WINTERCREEPER
LOW	5 G.C.	53	NAN.	NANDINA DOMESTICA 'OBSESSION' ... OBSESSION HEAVENLY BAMBOO
LOW	5 G.C.	8	LAV.	LAVANDULA X GINGINSII 'GOODWIN CREEK GRAY' ... GOODWIN CREEK LAVENDER
LOW	5 G.C.	12	PER.	PEROVSKIA ATRIPLICIFOLIA ... RUSSIAN SAGE
LOW	5 G.C.	15	PHO.	PHORMIUM 'EVENING GLOW' ... EVENING GLOW PHORMIUM
LOW	5 G.C.	31	RHA.	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO' ... SAN BRUNO COFFEEBERRY
LOW	5 G.C.	10	ROS.	ROSA 'MEISENTMIL' ... LEMON DRIFT CARPET ROSE
LOW	1 G.C.	75	TEU.	TEUCRIUM CHAMAEDRYS ... WALL GERMANDER
				GROUNDCOVER:
LOW	5 G.C.	27	ARC.	ARCSTOSTAPHYLOS 'EMERALD CARPET' ... EMERALD CARPET MANZANITA
LOW	5 G.C.	145	WES.	WESTRINGIA FRUTICOSA 'MUNDI' ... MUNDI WESTRINGIA
				ORNAMENTAL GRASSES:
LOW	1 G.C.	24	BOU.	BOUTELOUA GRACILIS 'BLONDE AMBITION' ... BLONDE AMBITION GRAMMA GRASS
LOW	1 G.C.	94	FES.	FESTUCA GLAUCA 'ELIJAH BLUE' ... ELIJAH BLUE FESCUE
LOW	5 G.C.	12	MUH.	MUHLENBERGIA RIGENS ... DEER GRASS
				BIO-RETENTION PLANTING
LOW	5 G.C.	42	CAR.	CAREX DIVULSA ... EUROPEAN GRAY SEDGE
LOW	5 G.C.	36	CHO.	CHONDROPETALUM TECTORUM ... SMALL CAPE RUSH
MEDIUM	5 G.C.	28	JUN.	JUNCUS PATENS ... CALIFORNIA GRAY RUSH

NOTE:
THE SHADED AREA REPRESENTS THE LIMITED SCOPE OF WORK AREA FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL DEMOLITION AND NEW SITE IMPROVEMENTS WITHIN THIS SHADED AREA UNLESS NOTED OTHERWISE. SEE ELECTRICAL, CIVIL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND ANY WORK SCOPE THAT MAY OCCUR OUTSIDE OF THIS IDENTIFIED WORK SCOPE AREA.

CONTRACTOR TO DETERMINE QUANTITY OF PLANT MATERIAL BASED ON SCOPE OF WORK INDICATED ON PLAN.

KEY — LANDSCAPE LEGEND

- TREES - NOT ALL SYMBOLS SHOWN
- EXISTING TREE TO REMAIN
- SHRUBS
- LAWN (SOD)
- BARK MULCH ONLY
- EXISTING LANDSCAPE REPAIR AREA (SOD, MINIMUM 24" WIDTH)
  MINIMUM REPAIR AREA SHOWN. CONTRACTOR RESPONSIBLE FOR REPAIRING ALL AREA DAMAGED DUE TO CONSTRUCTION ACTIVITIES.
  SEE DETAIL L4.1-7
- EXISTING LANDSCAPE AREAS TO REMAIN
  EXISTING LANDSCAPE TO BE REPAIRED AS NEEDED DUE TO CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR HAND WATERING EXISTING LANDSCAPE FOR THE DURATION OF CONSTRUCTION.
- BIO-RETENTION PLANTER
  SEE CIVIL DRAWINGS
- 7 - AAA — PLANT QUANTITY / PLANT KEY
- CONCRETE SEATWALL
  18" WIDE, 18" TALL
  COLOR: NO COLOR
  SEE CIVIL DRAWINGS
- PRE-MANUFACTURED BACKLESS ALUMINUM BENCH
  SEE ARCHITECTURAL DRAWINGS
- EXISTING RELOCATED MEMORIAL BENCH, ANIMAL BENCH, AND BIRD BATH
  CONTRACTOR TO SALVAGE BEFORE DEMOLITION. COORDINATE EXACT LOCATION AND PLACEMENT WITH OWNER
- CONCRETE MOWSTRIP
  SEE DETAIL L4.1-8

GENERAL LANDSCAPE REQUIREMENTS/NOTES

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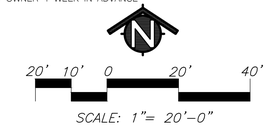

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SHRUB PLANTING PLAN

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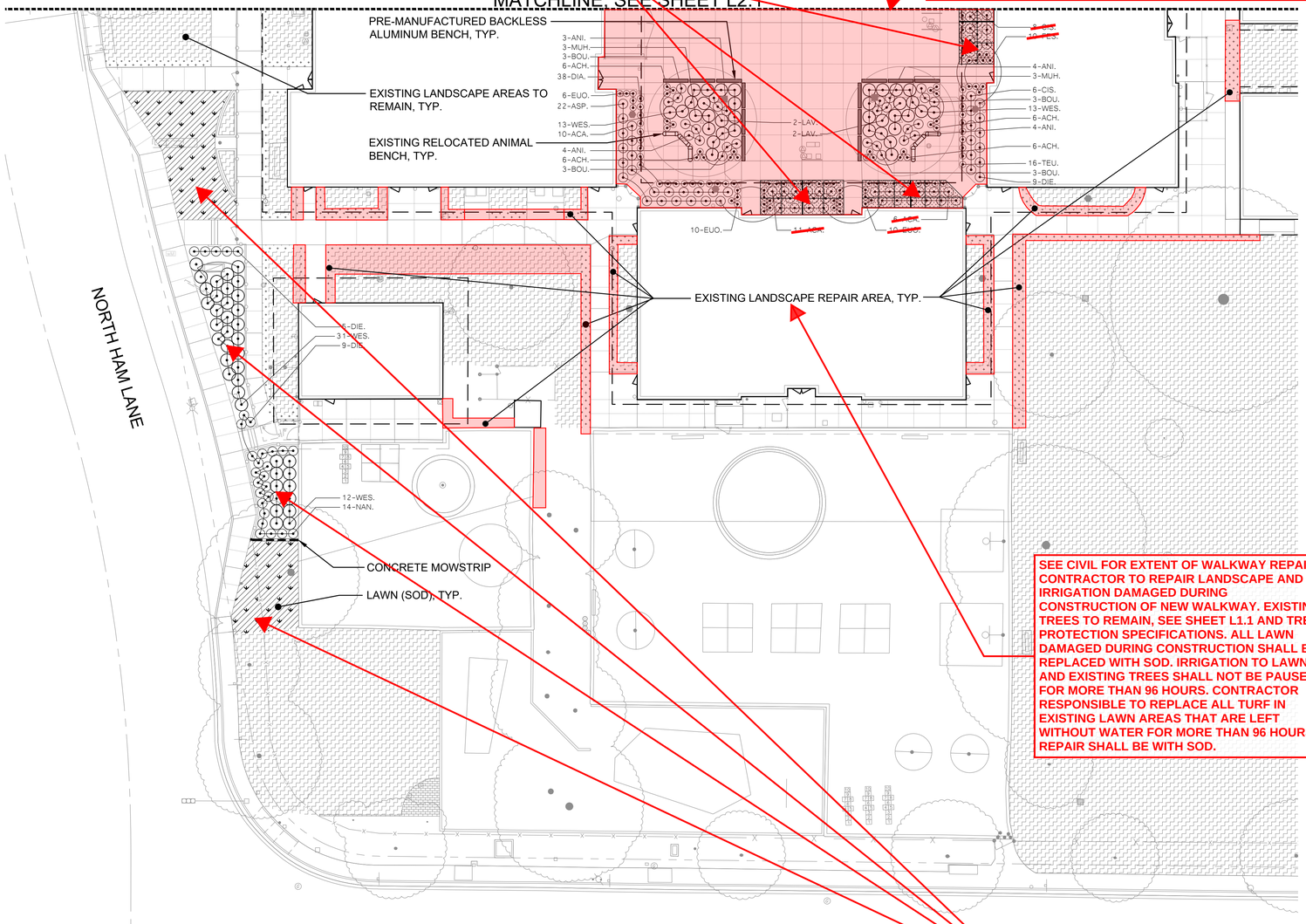


PLANT MATERIAL LIST

WATER USE	SIZE	QUANTITY	KEY	BOTANICAL NAME ... COMMON NAME
				SHRUBS:
LOW	5 G.C.	36	ACA.	ACACIA COGNATA 'COUSIN ITT' ... COUSIN ITT ACACIA
LOW	1 G.C.	48	ACH.	ACHILLEA MILLEFOLIUM 'SONOMA COAST' ... SONOMA COAST YARROW
LOW	5 G.C.	28	ANI.	ANIGOZANTHOS 'YELLOW GEM' ... YELLOW GEM KANGAROO PAW
LOW	5 G.C.	30	ASP.	ASPIDISTRA ELATIOR ... CAST IRON PLANT
LOW	1 G.C.	34	BUL.	BULBINE FRUTESCENS 'HALLMARK' ... ORANGE STALKED BULBINE
LOW	5 G.C.	56	CIS.	CISTUS HYBRIDUS 'MICKIE' ... MICKIE ROCKROSE
LOW	1 G.C.	53	DIA.	DIANELLA REVOLUTA 'CLARITY BLUE' ... CLARITY BLUE DIANELLA
LOW	1 G.C.	130	DIE.	DIETES GRANDIFLORA 'VARIEGATA' ... STRIPED FORTNIGHT LILY
LOW	1 G.C.	30	EUO.	EUONYMUS FORTUNEI 'EMERALD GAIETY' ... EMERALD GAIETY WINTERCREEPER
LOW	5 G.C.	53	NAN.	NANDINA DOMESTICA 'OBSESSION' ... OBSESSION HEAVENLY BAMBOO
LOW	5 G.C.	8	LAV.	LAVANDULA X GINGINSII 'GOODWIN CREEK GRAY' ... GOODWIN CREEK LAVENDER
LOW	5 G.C.	12	PER.	PEROVSKIA ATRIPLICIFOLIA ... RUSSIAN SAGE
LOW	5 G.C.	15	PHO.	PHORMIUM 'EVENING GLOW' ... EVENING GLOW PHORMIUM
LOW	5 G.C.	31	RHA.	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO' ... SAN BRUNO COFFEEBERRY
LOW	5 G.C.	10	ROS.	ROSA 'MEISENTMIL' ... LEMON DRIFT CARPET ROSE
LOW	1 G.C.	75	TEU.	TEUCRIUM CHAMAEDRYS ... WALL GERMANDER
				GROUNDCOVER:
LOW	5 G.C.	27	ARC.	ARCSTOSTAPHYLOS 'EMERALD CARPET' ... EMERALD CARPET MANZANITA
LOW	5 G.C.	145	WES.	WESTRINGIA FRUTICOSA 'MUNDI' ... MUNDI WESTRINGIA
				ORNAMENTAL GRASSES:
LOW	1 G.C.	24	BOU.	BOUTELOUA GRACILIS 'BLONDE AMBITION' ... BLONDE AMBITION GRAMMA GRASS
LOW	1 G.C.	94	FES.	FESTUCA GLAUCA 'ELIJAH BLUE' ... ELIJAH BLUE FESCUE
LOW	5 G.C.	12	MUH.	MUHLENBERGIA RIGENS ... DEER GRASS
				BIO-RETENTION PLANTING
LOW	5 G.C.	42	CAR.	CAREX DIVULSA ... EUROPEAN GRAY SEDGE
LOW	5 G.C.	36	CHO.	CHONDROPETALUM TECTORUM ... SMALL CAPE RUSH
MEDIUM	5 G.C.	28	JUN.	JUNCUS PATENS ... CALIFORNIA GRAY RUSH

CONTRACTOR TO DETERMINE QUANTITY OF PLANT MATERIAL BASED ON SCOPE OF WORK INDICATED ON PLAN.

KEY / LANDSCAPE LEGEND

- TREES - NOT ALL SYMBOLS SHOWN
- EXISTING TREE TO REMAIN
- SHRUBS
- LAWN (SOD)
- BARK MULCH ONLY
- EXISTING LANDSCAPE REPAIR AREA (SOD, MINIMUM 24" WIDTH)
  MINIMUM REPAIR AREA SHOWN. CONTRACTOR RESPONSIBLE FOR REPAIRING ALL AREA DAMAGED DUE TO CONSTRUCTION ACTIVITIES.
  SEE DETAIL L4.1-7
- EXISTING LANDSCAPE AREAS TO REMAIN
  EXISTING LANDSCAPE TO BE REPAIRED AS NEEDED DUE TO CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR HAND WATERING EXISTING LANDSCAPE FOR THE DURATION OF CONSTRUCTION.
- BIO-RETENTION PLANTER
  SEE CIVIL DRAWINGS
- 7 - AAA — PLANT QUANTITY
- PLANT KEY
- CONCRETE SEATWALL
  18" WIDE, 18" TALL
  COLOR: NO COLOR
  SEE CIVIL DRAWINGS
- PRE-MANUFACTURED BACKLESS ALUMINUM BENCH
  SEE ARCHITECTURAL DRAWINGS
- EXISTING RELOCATED MEMORIAL BENCH, ANIMAL BENCH, AND BIRD BATH
  CONTRACTOR TO SALVAGE BEFORE DEMOLITION. COORDINATE EXACT LOCATION AND PLACEMENT WITH OWNER
- CONCRETE MOWSTRIP
  SEE DETAIL L4.1-8

GENERAL LANDSCAPE REQUIREMENTS/NOTES

1. NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
2. NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
3. QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
4. PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
5. SEE SHEET L4.1 FOR PLANTING INSTALLATION DETAILS.

ENVIRONMENTAL REQUIREMENTS:

GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.

PROTECTION:

EXISTING CONSTRUCTION: EXECUTE WORK IN AN ORDERLY AND CAREFUL MANNER TO PROTECT NEW CONCRETE WALKS, WORK OF OTHER TRADES, AND OTHER IMPROVEMENTS.

EXISTING UTILITIES: DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE, AS REQUIRED, TO MINIMIZE POSSIBILITY OF DAMAGE TO UNDERGROUND UTILITIES. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY ALL PARTIES CONCERNED. BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES WITHIN CONSTRUCTION AREA; REPAIR DAMAGE TO UTILITIES THAT OCCUR AS A RESULT OF OPERATIONS OF THIS WORK.

LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACT.

ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOD OR PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.

PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS

NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

SOIL TESTING/SOIL IMPROVEMENT:

SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

SOIL PERCOLATION

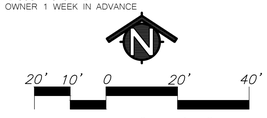
EXCAVATE TREE PITS. FILL EXCAVATED PLANTING PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.

PLANT MATERIAL STANDARDS

PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1- AMERICAN STANDARD FOR NURSERY STOCK, EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS. WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1, DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD. UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT, DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.

EXISTING LANDSCAPE AND SPRINKLER IRRIGATION SYSTEM

WORK LIMITS OF THIS PROJECT EXTEND INTO AREAS THAT WERE PREVIOUSLY DEVELOPED UNDER OTHER CONTRACTS. PRIOR TO START OF WORK, CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO LOCATE ALL CONNECTIONS CALLED FOR ON DRAWINGS. WORK LIMITS/FENCING SHALL BE LAID OUT BY CONTRACTOR AND VERIFIED BY OWNER'S REPRESENTATIVE. FENCE TO BE INSTALLED AND IRRIGATION SYSTEM SHALL BE TESTED WITH CONTRACTOR, INSPECTOR, AND OWNER'S REPRESENTATIVE PRESENT. DEFICIENCIES SHALL BE NOTED AT THIS TIME AND ARE THE RESPONSIBILITY OF OWNER. AT COMPLETION OF WORK, SYSTEM WILL AGAIN BE TESTED, DEFICIENCIES NOTED AT THIS TIME THAT WERE NOT NOTED PREVIOUSLY WILL BE RESPONSIBILITY OF CONTRACTOR. EXISTING LANDSCAPE THAT HAS BEEN DAMAGED DUE TO CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER. PRIOR TO MAKING ANY CONNECTION TO MAIN LINE, CONTRACTOR SHALL NOTIFY OWNER 1 WEEK IN ADVANCE SO ADJUSTMENTS TO EXISTING WATERING PROGRAMS CAN BE MADE.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

SHRUB PLANTING PLAN

CONSULTANT

LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 7/31/23 RENEWAL DATE STATE OF CALIFORNIA

Bryan Hollis Walker C-5453

PROJECT NO. 21-32-052	REVISIONS	BY
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DRAWN MS		
CHECKED JCBS		
SCALE		
CADFILE		
UPDATED 11/17/2022		

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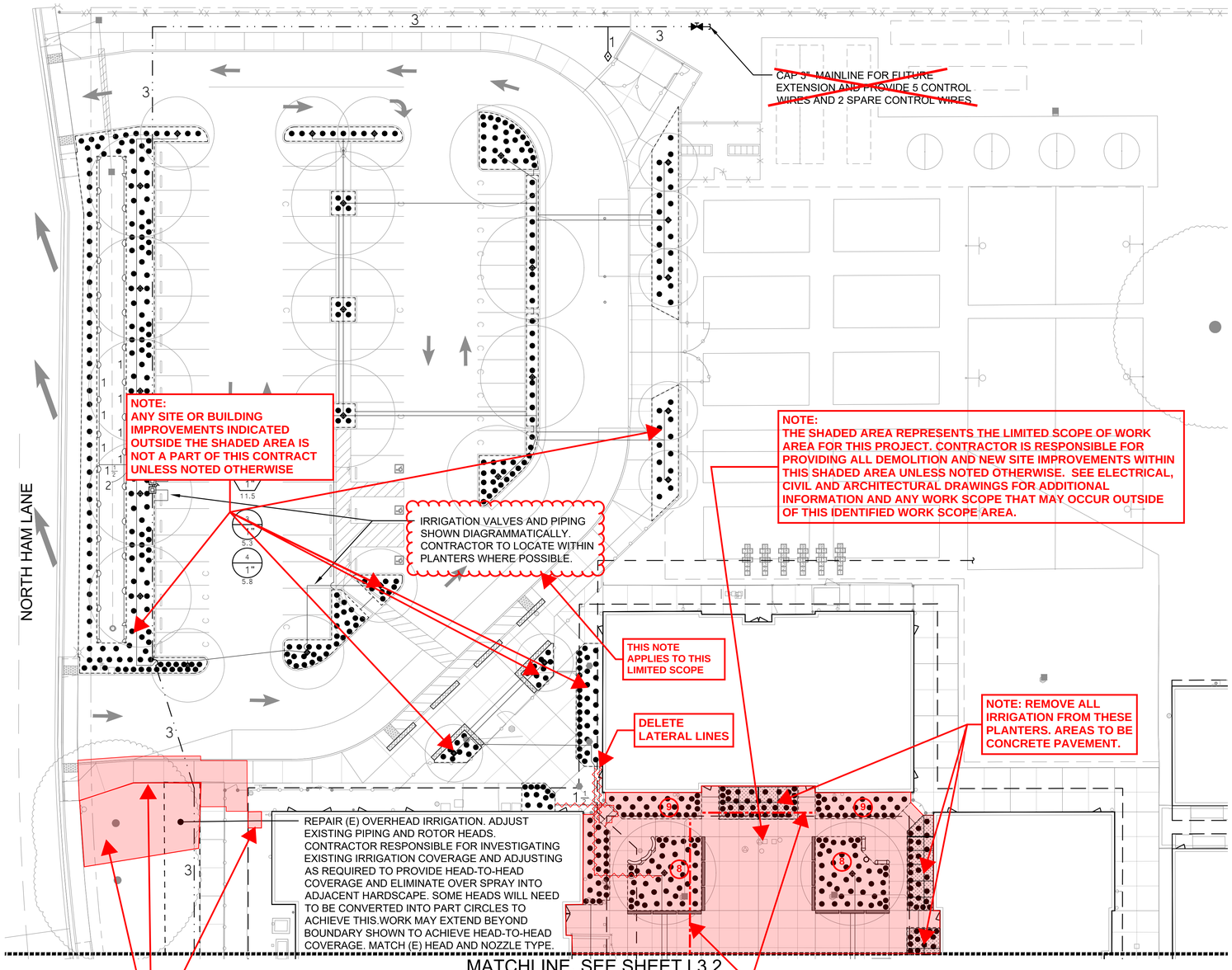
L2.2



SEE CIVIL FOR EXTENT OF WALKWAY REPAIR. CONTRACTOR TO REPAIR LANDSCAPE AND IRRIGATION DAMAGED DURING CONSTRUCTION OF NEW WALKWAY. EXISTING TREES TO REMAIN, SEE SHEET L1.1 AND TREE PROTECTION SPECIFICATIONS. ALL LAWN DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH SOD. IRRIGATION TO LAWN AND EXISTING TREES SHALL NOT BE PAUSED FOR MORE THAN 96 HOURS. CONTRACTOR RESPONSIBLE TO REPLACE ALL TURF IN EXISTING LAWN AREAS THAT ARE LEFT WITHOUT WATER FOR MORE THAN 96 HOURS. REPAIR SHALL BE WITH SOD.

SPRINKLER IRRIGATION NOTES

1. COMPOSITE BASE SHEET. PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
2. DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
3. DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
4. SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
5. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
6. TESTING:
   A. PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
      SYSTEMS WITH BOOSTER PUMP:
      MAIN LINE - AT 100 PSI FOR 4 HOURS.
      LATERAL LINES - AT 100 PSI FOR 2 HOURS.
      SYSTEMS WITH OUT BOOSTER PUMP:
      MAIN LINE - AT STATIC PSI FOR 4 HOURS.
      LATERAL LINES - AT STATIC PSI FOR 2 HOURS.
   B. COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVES PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
7. LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
8. INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
9. CONTROL WIRE SHALL BE UF-14, COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
10. PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
11. COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
12. NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
13. FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L4.2.

KEY | SPRINKLER IRRIGATION LEGEND

AUTOMATIC CONTROLLER:
RAINBIRD: ESP-12LXMEF, 12-STATION CONTROLLER WITH FLOW SMART MODULE, IQ COMMUNICATION CARTRIDGE, AND LXMMPED STAINLESS STEEL CABINET AND PEDESTAL.

COORDINATE 110V SERVICE AND POWER CONNECTION WITH ELECTRICAL SUB-CONTRACTOR.
COORDINATE ETHERNET CONNECTION WITH THE ELECTRICAL SUB-CONTRACTOR.

POINT OF CONNECTION:
STATIC WATER PRESSURE PRIOR TO WATER METER: 55 PSI
THIS IRRIGATION SYSTEM IS DESIGNED TO OPERATE AT 40 PSI
MAXIMUM FLOW IS 33.6 GPM

CONTRACTOR SHALL LOCATE EXISTING 2.5" BACKFLOW PREVENTION DEVICE INDICATED ON CIVIL SHEETS. CONNECT UPSTREAM AND EXTEND AS INDICATED ON DRAWINGS.

DESIGN PRESSURE SHOWN ON PLANS IS BASED ON FLOW INFORMATION RECEIVED FROM THE DISTRICT ON 8/24/22. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.

GATE VALVE:
TYPE:
NIBCO NO T-113 WITH A NON-RISING STEM AND HANDWHEEL.

GATE VALVE INSTALLED IN A VALVE BOX WITH TOP OF BOX SET FLUSH TO FINISH GRADE.
GATE VALVE TO BE LINE SIZE.

MASTER VALVE ASSEMBLY:
COMPONENTS:
FLOW SENSOR = BADGER 200SS, 2.5" SIZE INSERT IN SADDLE.
MASTER VALVE = 2.5" NORMALLY CLOSED GRISWOLD #2000M.

TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH UF-14 WIRE IN 1" CONDUIT.

REDUCED PRESSURE BACKFLOW PREVENTION DEVICE:
WILKINS MODEL NO. 975XL 1" SIZE. PROVIDE CONCRETE SLAB AND ENCLOSURE, PIPE STAND, AND ALL INCIDENTAL WORK. COORDINATE EXACT LOCATION IN FIELD.

EXISTING MAIN LINE TO REMAIN:

PRESSURE MAIN LINE:
TYPE:
ASTM D1785, PVC SCHEDULE 40.

TRENCH DEPTH:
IN PLANTED AREAS: 24" MINIMUM COVER.
UNDER PAVED AREAS: 24" MINIMUM COVER.
PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.

LATERAL LINE:
TYPE:
ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD ALL UNSIZED PIPE SHALL BE 3/4" SIZE.
TRENCH DEPTH:
IN PLANTED AREAS:
POP-UP SPRAY HEADS - 12" MINIMUM COVER.
BUBBLER HEADS: - 12" MINIMUM COVER.
UNDER PAVED AREAS: 24" MINIMUM COVER.
PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.

QUICK COUPLER VALVE:
RAINBIRD 44NP OR APPROVED EQUAL.
VALVES SHALL HAVE LOCKING RUBBER COVERS, INSTALLED IN VALVE BOXES. TOP OF VALVE BOX SHALL HAVE BOLT DOWN LID AND TOP SET LEVEL TO FINISH GRADE.

AUTOMATIC CONTROL VALVE:
RAINBIRD PEB-PRS-D SERIES
VALVE SHALL HAVE PRESSURE REGULATION OPTION FOR FLOW RANGES OF 6 GPM AND ABOVE.

SHRUB POP UP SPRAY HEADS:
RAINBIRD: RD-06-S-P-45 SERIES BODY WITH RAINBIRD HE-VAN 10 SERIES NOZZLES.
HALF AND QUARTER SPRAY PATTERNS.

SHRUB POP UP SPRAY HEADS:
RAINBIRD: RD-06-S-P-45 SERIES BODY WITH RAINBIRD HE-VAN 12 SERIES NOZZLES.
HALF AND QUARTER SPRAY PATTERNS.

TREE BUBBLER HEADS (TWO PER SYMBOL):
RAINBIRD: RWS-M-B-C-1401 WITH INLINE CHECK VALVE

AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR:
RAINBIRD CONTROL ZONE KIT MODEL XCZ-100-PRB-COM

DRIP IRRIGATION:
EMITTER TO BE RAINBIRD XBT-20-6 (2 GPH) WITH PC DIFFUSER CAP AND IPS FLEXIBLE PVC TUBING.
IPS TUBING TO BE BURIED A MINIMUM DEPTH OF 3" BELOW GRADE.
EXTENSION TO EACH BUBBLER NOT SHOWN. SEE DETAIL L4.2-6 FOR INSTALLATION.
PVC SCHEDULE 40 LATERAL LINES SHOWN ON PLAN.
UNSIZED PIPE TO BE 3/4" SIZE. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
LIMITS OF SHRUB BUBBLER PLACEMENT
PVC SCH 40 LATERAL LINE

1 / 1" / 00 — INDICATES CONTROL VALVE AND STATION NUMBER
2 / 1" / 00 — INDICATES CONTROL VALVE SIZE
INDICATES GALLONS PER MINUTE

EXISTING IRRIGATION REPAIR AREA:

N

20' 10' 0 20' 40'
SCALE: 1"= 20'-0"

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730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

LANDSCAPE IRRIGATION PLAN

CONSULTANT

LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 DATE 7/31/23 RENEWAL DATE STATE OF CALIFORNIA

Bryan Hollis Walker C-5453

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
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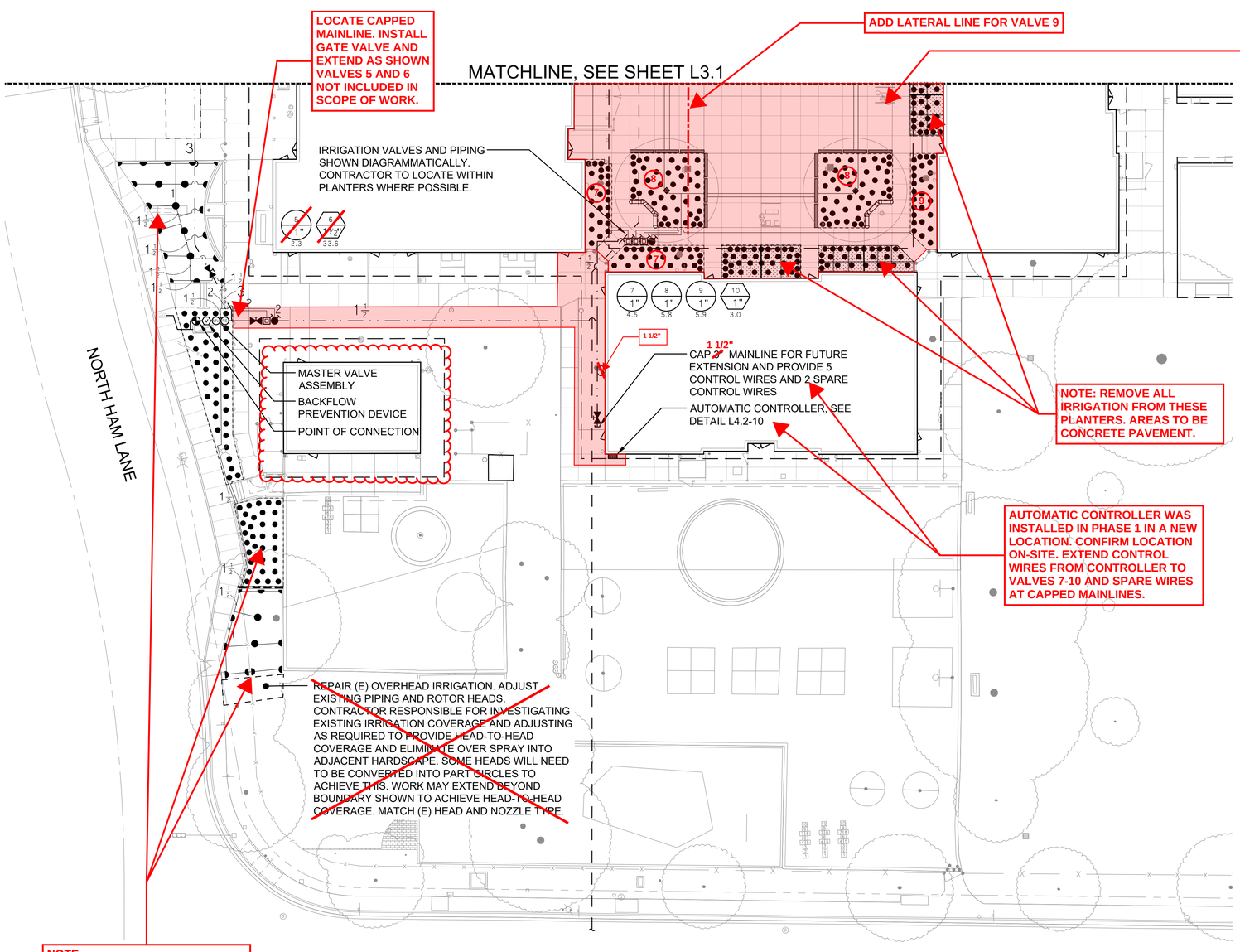
UPDATED 11/17/2022		

SHEET NO.
L3.1



NOTE:
THE SHADED AREA REPRESENTS THE LIMITED SCOPE OF WORK AREA FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL DEMOLITION AND NEW SITE IMPROVEMENTS WITHIN THIS SHADED AREA UNLESS NOTED OTHERWISE. SEE ELECTRICAL, CIVIL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND ANY WORK SCOPE THAT MAY OCCUR OUTSIDE OF THIS IDENTIFIED WORK SCOPE AREA.

KEY | SPRINKLER IRRIGATION LEGEND

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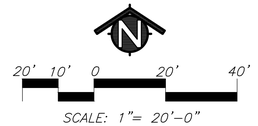
EXTENSION TO EACH BUBBLER NOT SHOWN. SEE DETAIL L4.2-6 FOR INSTALLATION.
PVC SCHEDULE 40 LATERAL LINES SHOWN ON PLAN.
UNSIZED PIPE TO BE 3/4" SIZE. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
LIMITS OF SHRUB BUBBLER PLACEMENT
PVC SCH 40 LATERAL LINE

1 / 1" / 00 — INDICATES CONTROL VALVE AND STATION NUMBER
2 / 1" / 00 — INDICATES CONTROL VALVE SIZE
INDICATES GALLONS PER MINUTE

EXISTING IRRIGATION REPAIR AREA:

SPRINKLER IRRIGATION NOTES

1. COMPOSITE BASE SHEET. PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
2. DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
3. DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
4. SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
5. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
6. TESTING:
   A. PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
      SYSTEMS WITH BOOSTER PUMP:
      MAIN LINE - AT 100 PSI FOR 4 HOURS.
      LATERAL LINES - AT 100 PSI FOR 2 HOURS.
      SYSTEMS WITH OUT BOOSTER PUMP:
      MAIN LINE - AT STATIC PSI FOR 4 HOURS.
      LATERAL LINES - AT STATIC PSI FOR 2 HOURS.
   B. COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVES PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
7. LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
8. INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
9. CONTROL WIRE SHALL BE UF-14, COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
10. PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
11. COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
12. NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
13. FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L4.2.



SCALE: 1"= 20'-0"

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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

LANDSCAPE IRRIGATION PLAN

CONSULTANT

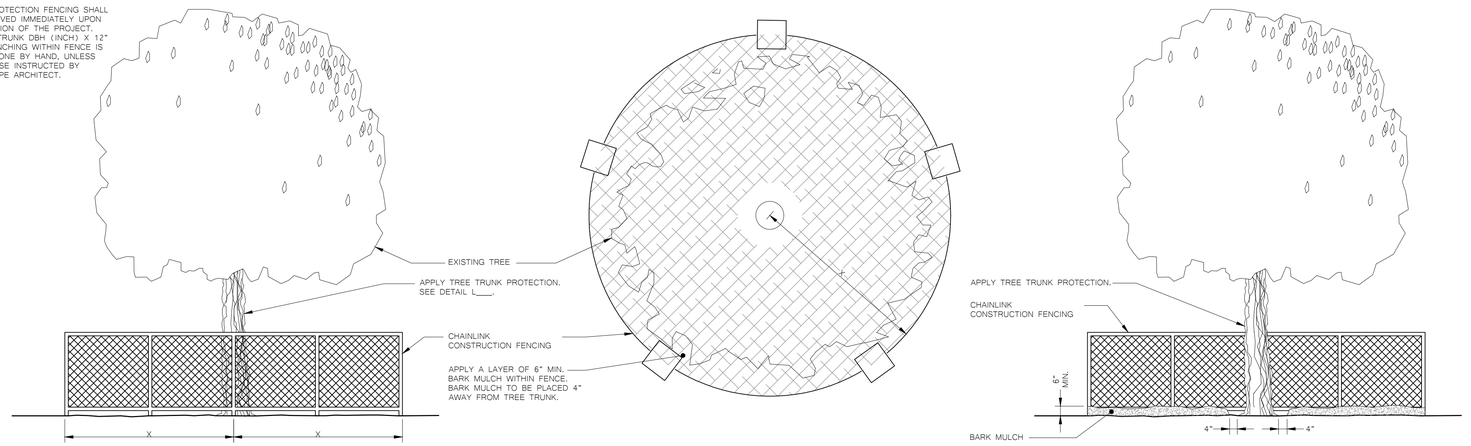
LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 DATE 7/31/23 RENEWAL DATE STATE OF CALIFORNIA

Bryan Hollis Walker C-5453

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.
L3.2

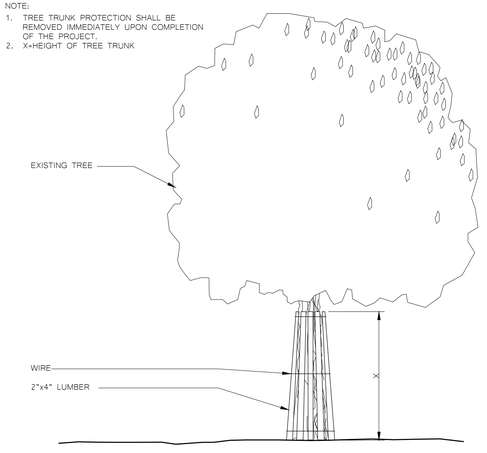
NOTE:
1. TREE PROTECTION FENCING SHALL BE REMOVED IMMEDIATELY UPON COMPLETION OF THE PROJECT.
2. X=TREE TRUNK DBH (INCH) X 12"
3. ALL TRENCHING WITHIN FENCE IS TO BE DONE BY HAND, UNLESS OTHERWISE INSTRUCTED BY LANDSCAPE ARCHITECT.



ELEVATION | PLAN | ELEVATION - WITHIN FENCE

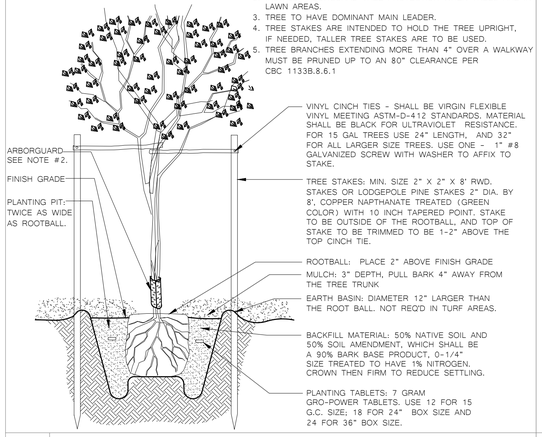
1 TREE PROTECTION FENCING DETAIL

NOTE:
1. TREE TRUNK PROTECTION SHALL BE REMOVED IMMEDIATELY UPON COMPLETION OF THE PROJECT.
2. X=HEIGHT OF TREE TRUNK



2 TREE TRUNK PROTECTION DETAIL

NOTES:
1. VITAMIN B-1: SUPERTHRIVE, LIQUINOX START OR EQUAL. APPLY AS PER MANUFACTURER'S INSTRUCTIONS WITH THE SECOND WATERING OF THE BASIN.
2. INSTALL ARBORGUARD TREE PROTECTION WHEN TREES ARE IN LAWN AREAS.
3. TREE TO HAVE DOMINANT MAIN LEADER.
4. TREE STAKES ARE INTENDED TO HOLD THE TREE UPRIGHT, IF NEEDED, TALLER TREE STAKES ARE TO BE USED.
5. TREE BRANCHES EXTENDING MORE THAN 4" OVER A WALKWAY MUST BE PRUNED UP TO AN 80" CLEARANCE PER CBC 1133B.8.6.1



3 TREE PLANTING AND STAKING DETAIL

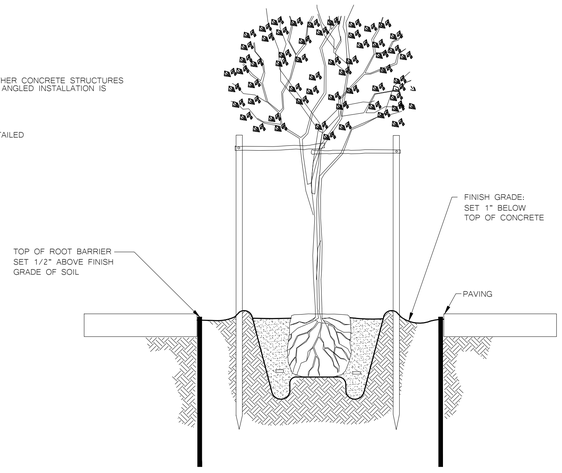
NOTE:
1. SEE TREE PLANTING DETAIL FOR ADDITIONAL INFORMATION.

TREE ROOT BARRIER PROTECTION

1. CONTRACTOR TO REMOVE ALL CONCRETE SPOILS FROM FLATWORK, CURBS OR OTHER CONCRETE STRUCTURES TO ENSURE THE ROOT BARRIER IS ADJACENT TO THE CONCRETE AND VERTICAL. ANGLED INSTALLATION IS NOT ACCEPTABLE.
2. TREE SHALL BE LOCATED IN CENTER OR MIDPOINT OF PLANTER.
3. TREE ROOT BARRIER IS TO BE INSTALLED IN LOCATIONS SHOWN ON THE PLANS.
4. TREE ROOT BARRIER SHALL BE INSTALLED ADJACENT TO EDGE OF PAVING AS DETAILED
5. PLACE ROOT BARRIER SO THAT VERTICAL RIBS FACE TOWARD THE TREE.

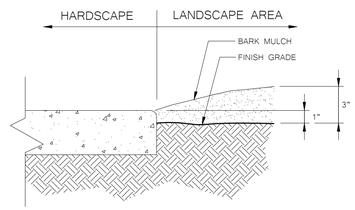
ROOT BARRIER
BY: DEEP ROOT PARTNERS OR NDS INC. OR APPROVED EQ.

15 GAL SIZE TREE OR LARGER:
24" MODULAR ROOT BARRIER PANEL



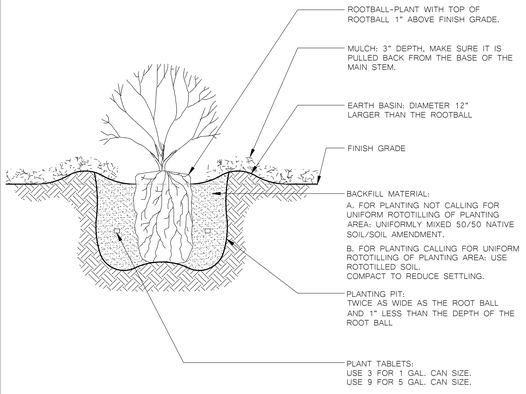
4 ROOT BARRIER CONTROL DETAIL

NOTES:
1. FINISH GRADE OF SOIL TO BE 1" BELOW ADJACENT HARDSCAPE FOR BOTH LAWN AREAS AND PLANTER BED AREAS
2. BARK MULCH DEPTH DOES NOT DICTATE THE ELEVATION OF THE FINISH GRADE
3. BARK MULCH TO BE FEATHERED DOWN TO 1" DEPTH, 12" FROM EDGE OF HARDSCAPE



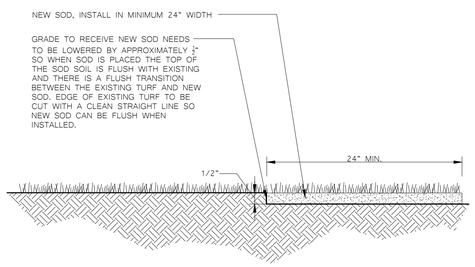
5 LANDSCAPE GRADE ADJACENT TO HARDSCAPE DETAIL

NOTE: VITAMIN B-1 SUPERTHRIVE LIQUINOX OR EQUAL. APPLY AS PER MANUFACTURE'S INSTRUCTIONS WITH SECOND WATERING OF THE BASIN.



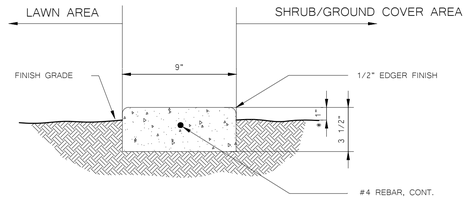
6 SHRUB PLANTING DETAIL

NOTE:
1. SEE SPECIFICATIONS FOR SOD BLEND.



7 TURF REPAIR WITH SOD DETAIL

NOTES:
1. USE 1/2" FELT EXPANSION JOINT MATERIAL AT ALL CHANGES OF DIRECTIONS AND AT 10' O.C.
*2. WHEN SURFACE DRAINAGE IS INTENDED TO FLOW TOWARD AND ACROSS MOWSTRIP, SOIL SURFACE SHALL BE FLUSH WITH TOP OF MOWSTRIP. UNLESS OTHERWISE NOTED SOIL SHALL BE 1" BELOW TOP OF MOWSTRIP.
3. ALL CONCRETE SHALL BE 5 SACK MIX, 2800 PSI AT 28 DAYS AFTER POUR.
4. FINISH SHALL BE FINE BROOM.



8 CONCRETE MOWSTRIP DETAIL

IDENTIFICATION STAMP
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HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

LANDSCAPE PLANTING DETAILS

CONSULTANT

LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 RENEWAL DATE 7/31/23 RENEWAL DATE STATE OF CALIFORNIA

Bryan Hollis Walker C-5453

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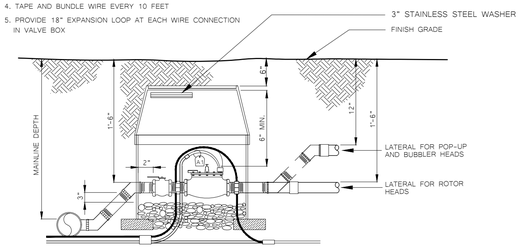
L4.1

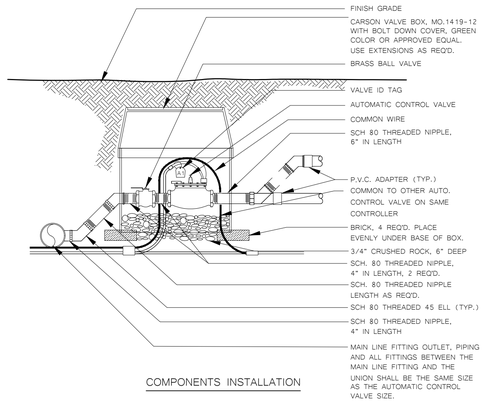
NOTES:
1. SET VALVE BOX 6" BELOW FINISH GRADE.
2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED.
3. CONNECT ALL WIRES WITH WEATHER TIGHT CONNECTORS. SPLICES IN WIRE SHALL BE PERMITTED ONLY AT VALVE LOCATIONS.
4. TAPE AND BUNDLE WIRE EVERY 10 FEET
5. PROVIDE 18" EXPANSION LOOP AT EACH WIRE CONNECTION IN VALVE BOX



6. FOR VALVES WITH PRESSURE REGULATION FEATURE, SET VALVE PRESSURE AS PER MANUFACTURERS RECOMMENDATIONS TO THE PRESSURE AS FOLLOWS:

POP-UP SPRAY HEADS:	30 PSI
INTERMEDIATE POP-UP ROTOR HEADS:	50 PSI
POP-UP ROTOR HEADS:	70 PSI
BUBBLER HEADS:	30 PSI

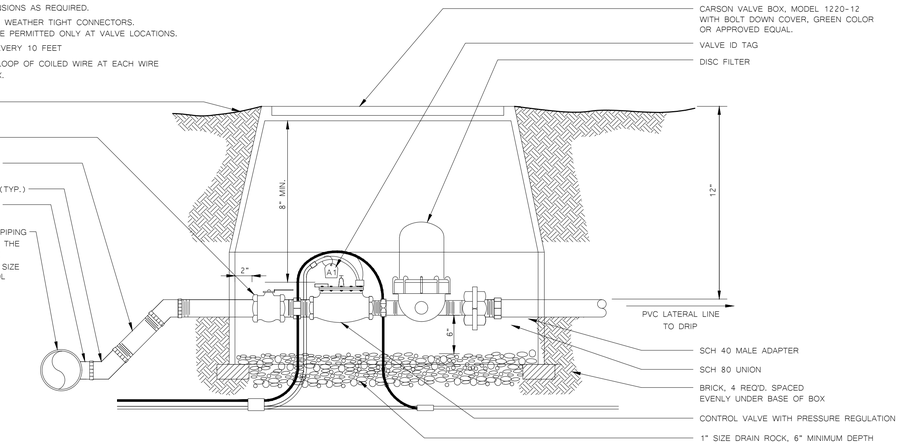
VALVE BOX, SETTINGS, AND CLEARANCES



COMPONENTS INSTALLATION

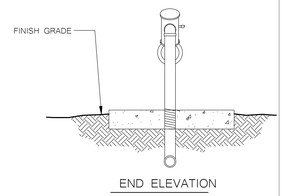
1 AUTOMATIC CONTROL VALVE/GATE VALVE DETAIL

NOTES:
1. SET VALVE BOX LEVEL WITH FINISH GRADE.
2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED.
3. CONNECT ALL WIRES WITH WEATHER TIGHT CONNECTORS. SPLICES IN WIRE SHALL BE PERMITTED ONLY AT VALVE LOCATIONS.
4. TAPE AND BUNDLE WIRE EVERY 10 FEET
5. PROVIDE 18" EXPANSION LOOP OF COILED WIRE AT EACH WIRE CONNECTION IN VALVE BOX.



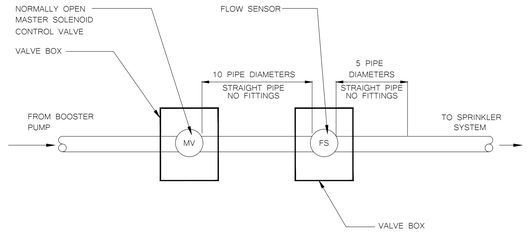
2 PRESSURE REGULATOR DRIP IRRIGATION VALVE DETAIL

NOTES:
1. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS
2. PIPING AND FITTINGS SHOWN ON THE DETAIL SHALL BE COPPER.
3. THE SIZE OF ALL PIPE SHALL BE THE SAME SIZE AS THE MAINLINE.



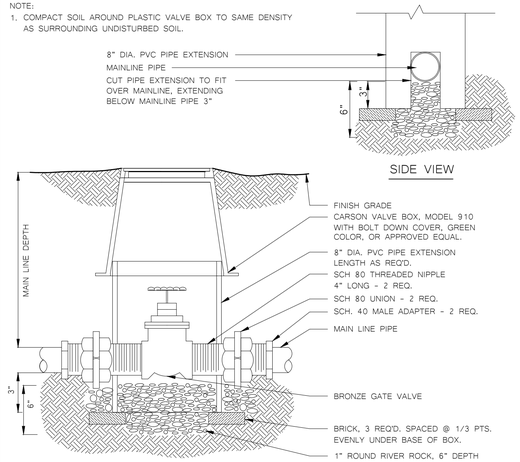
3 BACKFLOW PREVENTION DEVICE/ENCLOSURE

NOTES:
1. UF 14 WIRE AND EV-CAB-SEN CABLE NOT SHOWN, SEE OVERALL SCHEMATIC LAYOUT DETAIL.
2. VALVE BOX AND LID TO BE CONCRETE H20 TRAFFIC RATED. TOP OF BOX TO BE LEVEL, FLUSH TO FINISH GRADE IF LOCATED IN PAVED AREA., 1" ABOVE FINISH GRADE IF LOCATED IN NON PAVED AREA. USE VALVE BOX EXTENSIONS AS REQUIRED TO ENCASE VALVE AND PIPE WITHIN BOX WITH A 3" CLEARANCE BELOW. ALL PENETRATION SHALL BE SEALED FROM THE INSIDE.

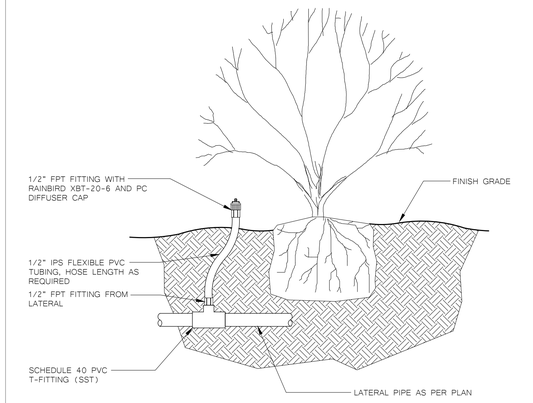


4 MASTER VALVE AND FLOW SENSOR LAYOUT

NOTE:
1. COMPACT SOIL AROUND PLASTIC VALVE BOX TO SAME DENSITY AS SURROUNDING UNDISTURBED SOIL.

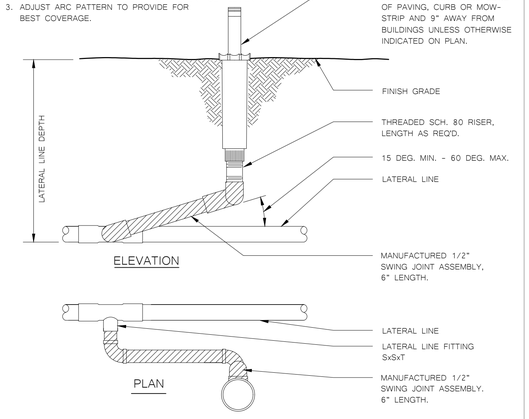


5 GATE VALVE DETAIL, 3" SIZE AND SMALLER



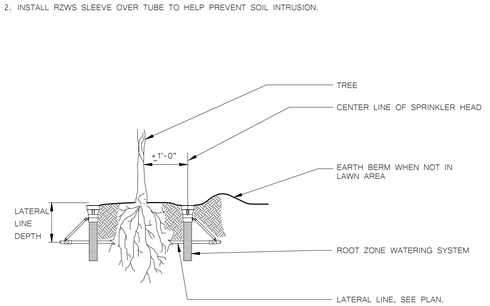
6 SHRUB BUBBLER DETAIL

NOTES:
1. SET BODY PLUMB SO TOP OF HEAD IS LEVEL WITH FINISH GRADE.
2. COMPACT SOIL AROUND HEAD TO PREVENT SETTLEMENT.
3. ADJUST ARC PATTERN TO PROVIDE FOR BEST COVERAGE.



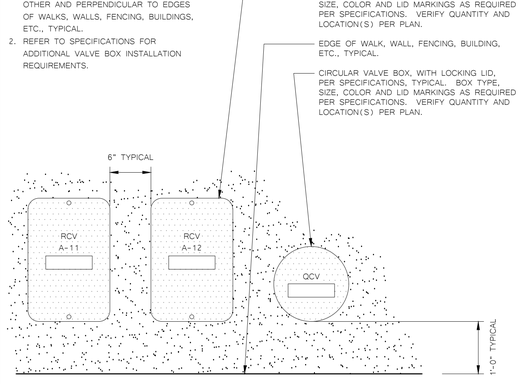
7 POP-UP SPRINKLER HEAD DETAIL

NOTES:
1. SEE TREE PLANTING DETAIL FOR ADDITIONAL INFORMATION.
2. INSTALL RZWS SLEEVE OVER TUBE TO HELP PREVENT SOIL INTRUSION.



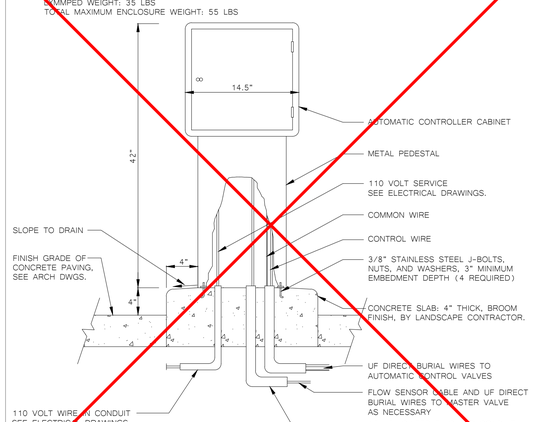
8 TREE BUBBLER HEAD DETAIL

NOTE:
1. ALIGN VALVE BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGES OF WALKS, WALLS, FENCING, BUILDINGS, ETC., TYPICAL.
2. REFER TO SPECIFICATIONS FOR ADDITIONAL VALVE BOX INSTALLATION REQUIREMENTS.



9 TYPICAL VALVE BOX LAYOUT

NOTE:
1. INSTALL PER MANUFACTURERS INSTRUCTIONS.
2. LXMM WEIGHT: 20 LBS
   VAMPED WEIGHT: 35 LBS
   TOTAL MAXIMUM ENCLOSURE WEIGHT: 55 LBS



10 AUTOMATIC CONTROLLER/PEDESTAL DETAIL

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DIV. OF THE STATE ARCHITECT
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LANDSCAPE IRRIGATION DETAILS

CONSULTANT

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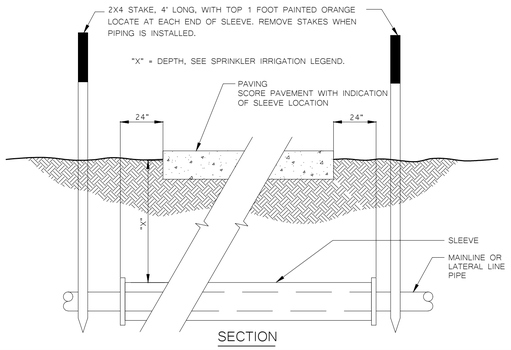
SHEET NO.

L4.2

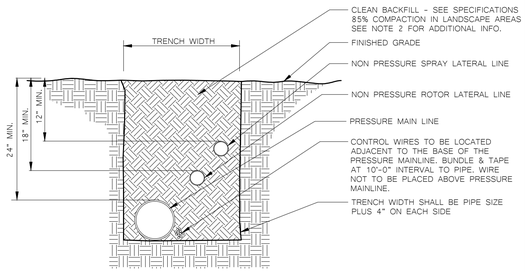
NOTES:
1. ALL PIPE AND FITTINGS TO BE SCHEDULE 40, P.V.C. SEE PLAN FOR LOCATION.
2. SLEEVES TO BE LARGE ENOUGH TO ACCEPT THE PIPE AND FITTINGS TO BE ENCASED.
3. PROVIDE A SEPARATE SLEEVE FOR EACH LATERAL OR MAIN CROSSING.
4. PROVIDE A SEPARATE SLEEVE FOR CONTROL WIRE
5. TAPE ALL ENDS WITH DUCT TAPE TO PREVENT ENTRY OF SOIL.



SECTION

1 SLEEVE DETAIL

NOTES:
1. REFER TO SPECIFICATIONS AND PLAN SHEETS FOR MORE INFORMATION.
2. WHEN TRENCHES ARE LOCATED UNDER PAVEMENT, COMPACTION RATE FOR THE BACKFILL SHALL COMPLY WITH THE COMPACTION RATES REQUIRED FOR THOSE PAVING SECTIONS.
3. PIPES TO HAVE A MINIMUM OF 6" HORIZONTAL SEPARATION WHEN PLACED IN THE SAME TRENCH ALONG WITH A MINIMUM OF 6" VERTICAL SEPARATION BETWEEN PIPES.



2 PIPE TRENCH DETAIL

IRRIGATION SCHEDULE TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION TYPE	FLOW (GPM)	PRECIP. RATE (PR) INCH/HR	IRRIGATION EFFICIENCY (IE)	SOIL TYPE	ROOT DEPTH	SLOPE	EXPOSURE	MAINTENANCE PERIOD (X/Y Z GAL)																									
											JANUARY			FEBUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMEBER			DECEMBER		
1	SHRUB - MEDIUM	0.8	SPRAY	33.1	1.83	0.75	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/1	0 GAL	0	/1	0 GAL	2	/1	256 GAL	14	/2	3,965 GAL	17	/3	7,291 GAL	12	/5	8,570 GAL	13	/5	9,210 GAL	9	/6	8,059 GAL	12	/3	5,244 GAL	17	/1	2,558 GAL	0	/1	0 GAL	0	/1	0 GAL
2	TREE - MEDIUM	0.5	BUBBLER	11.5	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/2	0 GAL	0	/2	0 GAL	2	/2	188 GAL	19	/3	2,918 GAL	26	/4	5,365 GAL	21	/6	6,307 GAL	22	/6	6,777 GAL	17	/7	5,930 GAL	19	/4	3,859 GAL	19	/2	1,883 GAL	0	/2	0 GAL	0	/2	0 GAL
3	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.8	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/3	0 GAL	0	/3	0 GAL	0	/3	38 GAL	6	/4	589 GAL	8	/5	1,082 GAL	7	/7	1,272 GAL	8	/7	1,367 GAL	6	/8	1,196 GAL	6	/5	779 GAL	5	/3	380 GAL	0	/3	0 GAL	0	/3	0 GAL
4	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.3	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/4	0 GAL	0	/4	0 GAL	0	/4	35 GAL	5	/5	538 GAL	7	/6	989 GAL	6	/8	1,163 GAL	7	/8	1,249 GAL	5	/9	1,093 GAL	5	/6	711 GAL	4	/4	347 GAL	0	/4	0 GAL	0	/4	0 GAL
5	SHRUB - LOW	0.2	POINT-SOURCE DRIP	1.7	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/5	0 GAL	0	/5	0 GAL	0	/5	11 GAL	4	/6	173 GAL	6	/7	317 GAL	6	/9	373 GAL	6	/9	401 GAL	5	/10	351 GAL	4	/7	228 GAL	3	/5	111 GAL	0	/5	0 GAL	0	/5	0 GAL
6	SHRUB - LOW	0.2	POINT-SOURCE DRIP	4.5	0.50	0.81	SANDY LOAM	12-24"	0-5%	PART SHADE	0	/6	0 GAL	0	/6	0 GAL	0	/6	29 GAL	3	/7	457 GAL	5	/8	840 GAL	5	/10	987 GAL	5	/10	1,061 GAL	4	/11	928 GAL	4	/8	604 GAL	2	/6	295 GAL	0	/6	0 GAL	0	/6	0 GAL
7	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.9	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/7	0 GAL	0	/7	0 GAL	0	/7	39 GAL	3	/8	599 GAL	5	/9	1,101 GAL	5	/11	1,294 GAL	5	/11	1,391 GAL	4	/12	1,217 GAL	3	/9	792 GAL	2	/7	386 GAL	0	/7	0 GAL	0	/7	0 GAL
8	SHRUB - LOW	0.2	POINT-SOURCE DRIP	5.8	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/8	0 GAL	0	/8	0 GAL	0	/8	38 GAL	3	/9	589 GAL	4	/10	1,082 GAL	4	/12	1,272 GAL	4	/12	1,367 GAL	4	/13	1,196 GAL	3	/10	779 GAL	2	/8	380 GAL	0	/8	0 GAL	0	/8	0 GAL
9	TREE - MEDIUM	0.5	BUBBLER	3.0	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/9	0 GAL	0	/9	0 GAL	0	/9	49 GAL	6	/10	761 GAL	10	/11	1,400 GAL	10	/13	1,645 GAL	10	/13	1,768 GAL	8	/14	1,547 GAL	7	/11	1,007 GAL	4	/9	491 GAL	0	/9	0 GAL	0	/9	0 GAL
10	SHRUB - LOW	0.2	POINT-SOURCE DRIP	1.4	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0	/10	0 GAL	0	/10	0 GAL	0	/10	9 GAL	2	/11	142 GAL	4	/12	261 GAL	4	/14	307 GAL	4	/14	330 GAL	3	/15	289 GAL	3	/12	188 GAL	1	/10	92 GAL	0	/10	0 GAL	0	/10	0 GAL
									MONTHLY RAINFALL (CITY)			4.2			3.8			3.1			1.2			0.6			0.2			0.1			0.1			0.4			1			2.6			2.8		
									MONTHLY ET (CITY)			1.0	JAN		1.6	FEB		3.3	MAR		4.3	APR		6.3	MAY		6.9	JUN		7.3	JUL		6.4	AUG		4.5	SEP		3.0	OCT		1.4	NOV		0.8	DEC
									MONTHLY TOTALS (GAL)				0 GAL			0 GAL			692 GAL			10,730 GAL			19,729 GAL			23,191 GAL			24,921 GAL			21,806 GAL			14,191 GAL			6,923 GAL			0 GAL			0 GAL

IRRIGATION HYDROZONE INFORMATION TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	HYDROZONE AREA (HA) (SQ.FT.)	PF x HA (SQ.FT.)	IRRIGATION EFFICIENCY (IE)	ETWU (GALLONS)
1	SHRUB - MEDIUM	0.8	1,650	1320.0	0.75	50,959
2	TREE - MEDIUM	0.5	460	230.0	0.81	8,222
3	SHRUB - LOW	0.2	3,118	623.6	0.81	22,291
4	SHRUB - LOW	0.2	2,473	494.6	0.81	17,680
5	SHRUB - LOW	0.2	555	111.0	0.81	3,968
6	SHRUB - LOW	0.2	1,363	272.6	0.81	9,744
7	SHRUB - LOW	0.2	1,706	341.2	0.81	12,196
8	SHRUB - LOW	0.2	2,192	438.4	0.81	15,671
9	TREE - MEDIUM	0.5	3,778	1889.0	0.81	67,524
10	SHRUB - LOW	0.2	674	134.8	0.81	4,819
		TOTAL AREA	17,969		ETWU TOTAL	213,073
		TOTAL AREA (SLA)	1,650			
Eto (Lodi)	46.7					
ESTIMATED TOTAL WATER USAGE (ETWU) = (ETo)(0.62)(PF)(HA)/IE = GAL/YEAR						
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) = (ETo)(0.62)[(0.45 x LA)+(0.55 x SLA)] = GAL/YEAR						
					MAWA TOTAL	260,399

LANDSCAPE HYDROZONE INFORMATION TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	IRRIGATION TYPE	HYDROZONE AREA (HA) (SQ.FT.)	% OF TOTAL LANDSCAPE AREA
1	SHRUB - MEDIUM	SPRAY	1,650	9.2%
2	TREE - MEDIUM	BUBBLER	460	2.6%
3	SHRUB - LOW	POINT-SOURCE DRIP	3,118	17.4%
4	SHRUB - LOW	POINT-SOURCE DRIP	2,473	13.8%
5	SHRUB - LOW	POINT-SOURCE DRIP	555	3.1%
6	SHRUB - LOW	POINT-SOURCE DRIP	1,363	7.6%
7	SHRUB - LOW	POINT-SOURCE DRIP	1,706	9.5%
8	SHRUB - LOW	POINT-SOURCE DRIP	2,192	12.2%
9	TREE - MEDIUM	BUBBLER	3,778	21.0%
10	SHRUB - LOW	POINT-SOURCE DRIP	674	3.8%
		TOTAL AREA	17,969	100.0%

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120455 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/12/2023

730 Howe Avenue, Suite 450
Sacramento, CA 95825
Phone: 916.921.2112
Fax: 916.921.2212

HENRY+ ASSOCIATES ARCHITECTS

LICENSED ARCHITECT STEPHEN C. HENRY C-22525 12/31/23 RENEWAL DATE STATE OF CALIFORNIA

MODERNIZATION LAKEWOOD ELEMENTARY SCHOOL

WATER EFFICIENCY CHARTS

CONSULTANT

LICENSED LANDSCAPE ARCHITECT BRYAN HOLLIS WALKER 5453 11/4/22 RENEWAL DATE 7/31/23 RENEWAL DATE STATE OF CALIFORNIA

Bryan Hollis Walker C-5453

PROJECT NO. 21-32-052	REVISIONS	BY
DATE 3/28/2022		
DRAWN MS		
CHECKED JCBS		
SCALE		
CADFILE		
UPDATED 11/17/2022		

SHEET NO.

L5.1