

July 7, 2025

HMC Project No. 3431007000

DSA File and Application No. 39-50 / 02-122910

PTN: 68585-271

ADDENDUM NO. 3

Lodi Middle School – Site Work
945 South Ham Lane, Lodi, CA 95842



DATE SIGNED: 07-07-2025

HMC Architects

Warren Consulting Engineers

MTW Group

Capital Engineering Consultants, Inc.



1. ALL WORKMANSHIP, MATERIALS, APPLIANCES AND EQUIPMENT which may be included in the following items shall be the same relative quantity as described for similar work set forth in the original or main specifications of which these Addendum items shall be considered a part.
2. ADDENDUM SECTIONS (included with this Addendum)
The following modify or supplement the issued bid documents.

Section 32 18 13 REVISE 32 18 13, Synthetic Turf Landscape Surfacing
3. ADDENDUM DRAWINGS (included with this Addendum)
The following modify or supplement the issued bid documents.

AD3.01	REPLACE SHEET C1.2
AD3.02	REPLACE SHEET C2.2
AD3.03	REPLACE SHEET C3.2
AD3.04	REPLACE SHEET L2.2
AD3.05	REPLACE SHEET L3.1
AD3.06	REPLACE SHEET L3.2
AD3.07	REPLACE SHEET L3.3
AD3.08	REPLACE SHEET L3.4
AD3.09	REPLACE SHEET A1.01
AD3.10	REPLACE SHEET A1.42
AD3.11	REPLACE SHEET E0.2
AD3.12	REPLACE SHEET E1.0
AD3.13	REPLACE SHEET T0.3-3
AD3.14	REPLACE SHEET TH2.11-3
AD3.15	REPLACE SHEET TS2.11-3
AD3.16	REPLACE SHEET T0.3-4
AD3.17	REPLACE SHEET TJ2.11-4

4. PROJECT MANUAL

A. Section 32 18 13, Synthetic Turf Landscape Surfacing

1. Section 2.01.A.3 – REVISE “non-infilled type” to read “infilled type”.

5. DRAWINGS

A. Sheet C1.2 – Partial Civil Demolition Plan

1. DELETE sheet in its entirety and REPLACE with Sheet AD3.01 included with this addendum.

B. Sheet C2.2 – Partial Grading Plan

1. DELETE sheet in its entirety and REPLACE with Sheet AD3.02 included with this addendum.

C. Sheet C3.2 – Partial Drainage and Sewer Plan

1. DELETE sheet in its entirety and REPLACE with Sheet AD3.03 included with this addendum.

D. Sheet L2.2 – Landscape Planting Plan

1. DELETE sheet in its entirety and REPLACE with Sheet AD3.04 included with this addendum.

- E. Sheet L3.1 – Landscape Irrigation Plan
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.05 included with this addendum.
- F. Sheet L3.2 – Landscape Irrigation Plan
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.06 included with this addendum.
- G. Sheet L3.3 – Landscape Irrigation Plan
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.07 included with this addendum.
- H. Sheet L3.4 – Landscape Irrigation Plan
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.08 included with this addendum.
- I. Sheet A1.01 – Site Demolition Plan
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.09 included with this addendum.
- J. Sheet A1.42 – Enlarged Site Plan – Outdoor Gathering Spaces
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.10 included with this addendum.
- K. Sheet E0.2 – Electrical One-line Diagram
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.11 included with this addendum.
- L. Sheet E1.0 – Lighting Site Plan
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.12 included with this addendum.
- M. Sheet T0.3-3 – Technology One-line Diagram
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.13 included with this addendum.

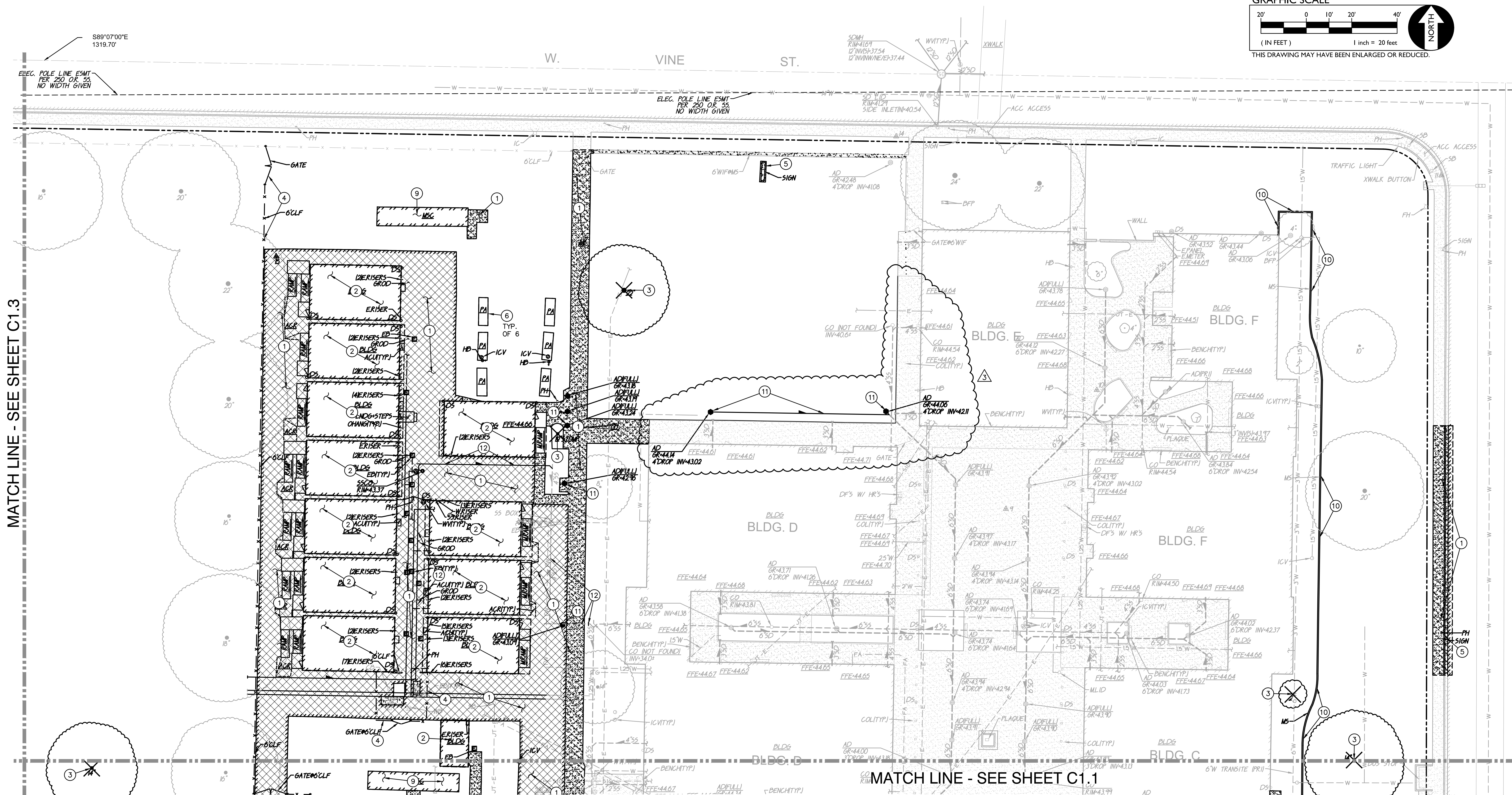
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- N. Sheet TH2.11-3 – Technology Floor Plan – BLDG H
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.14 included with this addendum.
- O. Sheet TS2.11-3 – Technology Floor Plan – BLDG S
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.15 included with this addendum.
- P. Sheet T0.3-4 – Technology One-line Diagram
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.16 included with this addendum.
- Q. Sheet TJ2.11-4 – Technology Floor Plan – BLDG J
 - 1. DELETE sheet in its entirety and REPLACE with Sheet AD3.17 included with this addendum.

* * * END OF ADDENDUM * * *

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AGENCY
APPROVAL:



HMC Architects

3431007000

2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com

ISSUE

DESCRIPTION	DATE
ADDENDUM A	5-30-2025
ADDENDUM 3	07-07-2025

KEYNOTES

NOTES

- DEMOLITION NOTES**
- SAWCUT, REMOVE AND DISPOSE OF EXISTING PAVING, CURBS AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
 - SEE ARCHITECTURAL PLANS FOR BUILDING REMOVAL.
 - REMOVE TREE, TRUNK AND ROOTS.
 - REMOVE FENCING, POST AND FOUNDATIONS.
 - REMOVE SIGN, POST AND FOUNDATIONS.
 - REMOVE PLANTER BOXES.
 - REMOVE PARKING BLOCK. BLOCKS NOT DAMAGED MAY BE REUSED.
 - REMOVE AND DISPOSE OF POLE AND FOUNDATION.
 - RELOCATE CONTAINER. COORDINATE RELOCATION WITH OWNER.
 - REMOVE MOWSTRIP.
 - REMOVE DRAIN INLET AND PIPING.
 - REMOVE SEWER PIPING. CAP END.



FACILITY:
LODI MIDDLE SCHOOL
945 SOUTH HAM LANE Lodi, CA 95242

PROJECT:
**LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION**

SHEET NAME:
PARTIAL CIVIL DEMOLITION PLAN

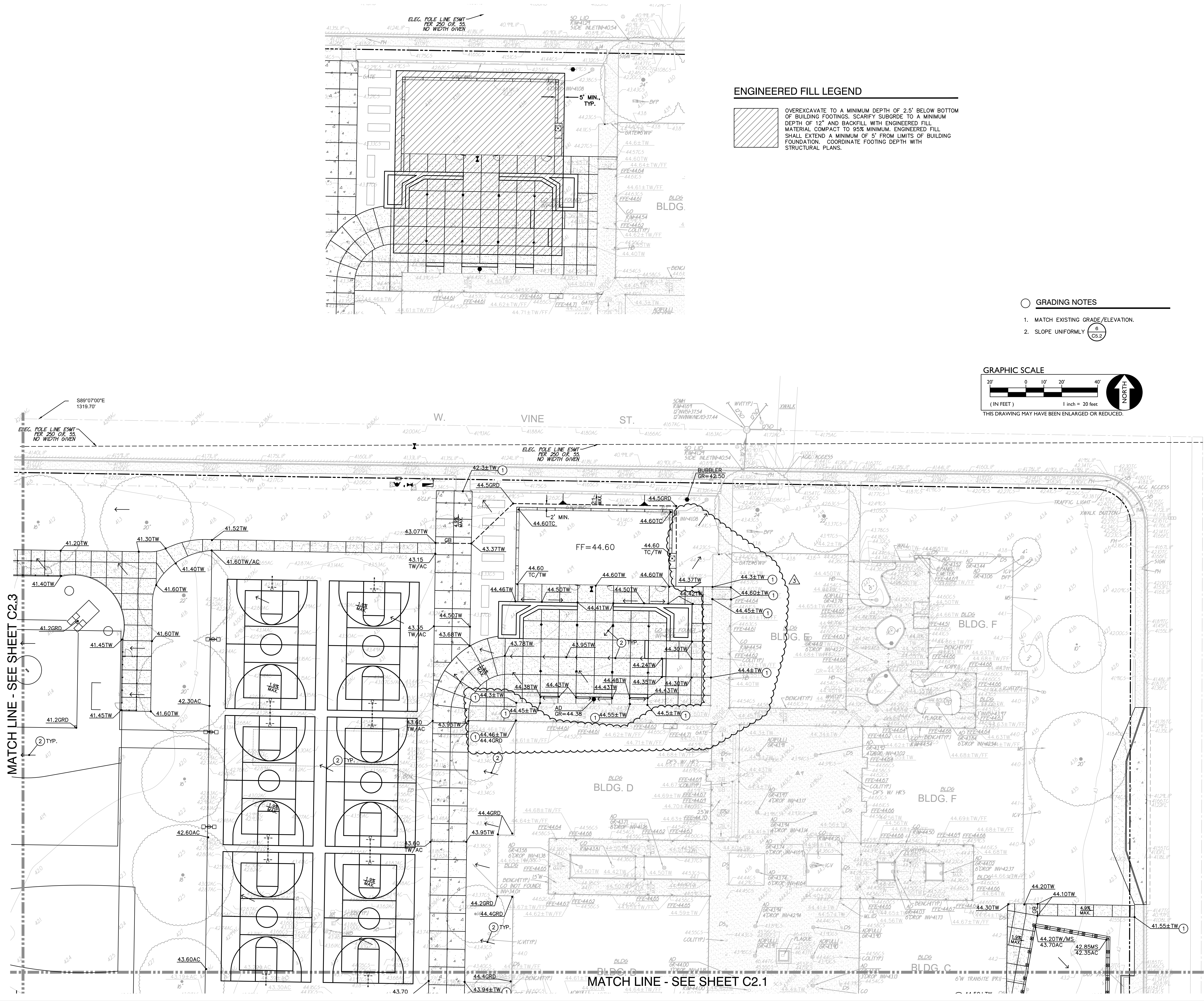
CONSTRUCTION DOCUMENTS

DATE: 03-11-2025 CLIENT PROJ NO: 3431007000
SHEET:

C1.2

AD3.01

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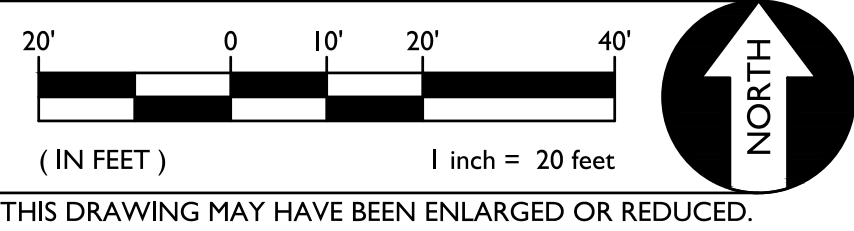
ENGINEERED FILL LEGEND

OVEREXCAVATE TO A MINIMUM DEPTH OF 2.5' BELOW BOTTOM OF BUILDING FOOTINGS. SCARIFY SUBGRADE TO A MINIMUM DEPTH OF 12" AND BACKFILL WITH ENGINEERED FILL MATERIAL COMPACT TO 95% MINIMUM. ENGINEERED FILL SHALL EXTEND A MINIMUM OF 5' FROM LIMITS OF BUILDING FOUNDATION. COORDINATE FOOTING DEPTH WITH STRUCTURAL PLANS.

GRADING NOTES

- MATCH EXISTING GRADE/ELEVATION.
- SLOPE UNIFORMLY $\frac{6}{65.2}$

GRAPHIC SCALE



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945 SOUTH HAM LANE Lodi, CA 95242

PROJECT:
LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION

SHEET NAME:
PARTIAL GRADING PLAN

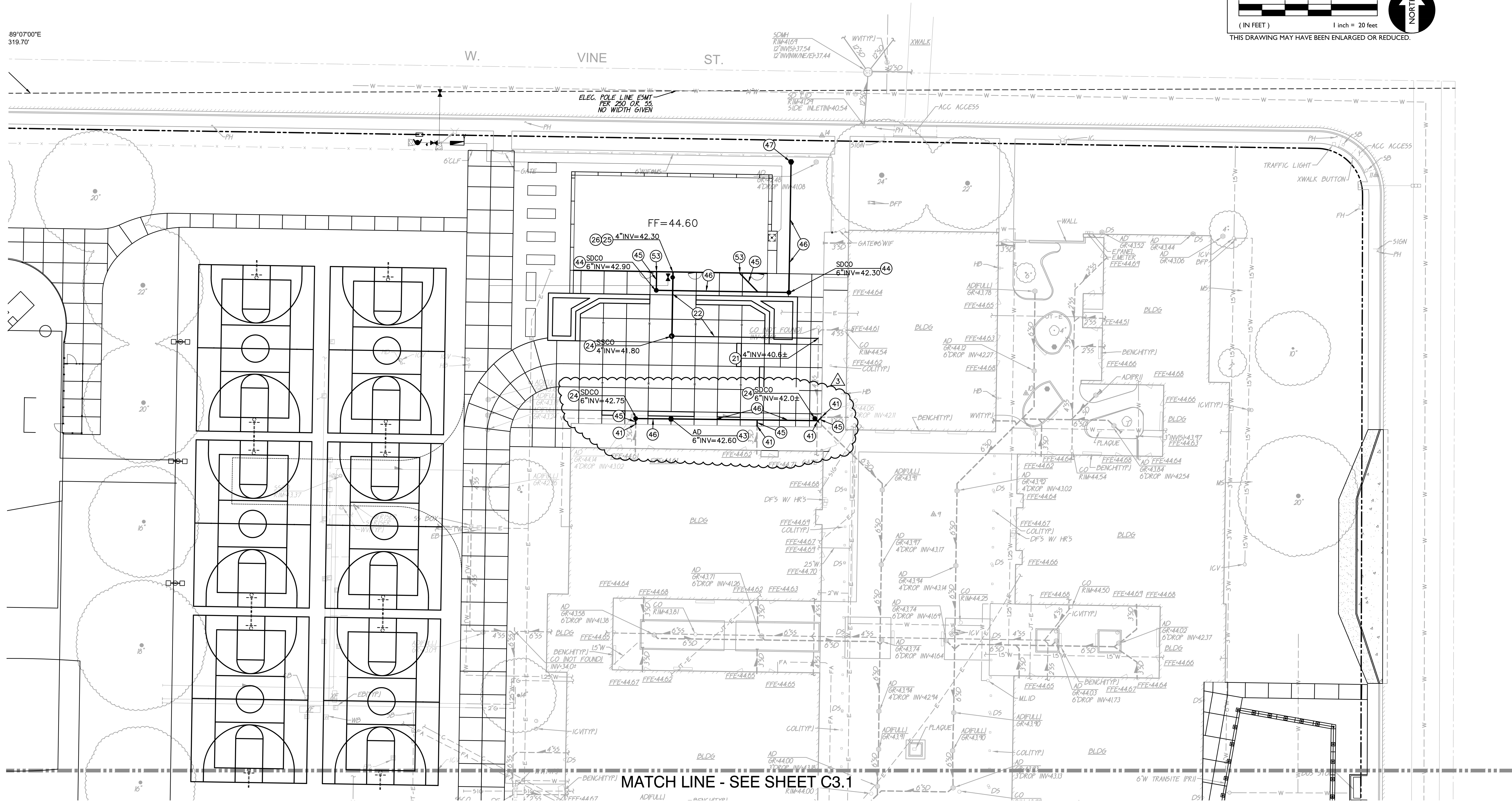
CONSTRUCTION DOCUMENTS

DATE: 03-11-2025 CLIENT PROJ NO: 3431007000
SHEET:

C2.2
AD3.02

ITC LINE DRAWING E
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89°07'00"E
319.70'



MATCH LINE - SEE SHEET C3.1

SEWER NOTES

- CONNECT TO EXISTING SEWER. POTHOLE AND FIELD VERIFY DEPTH AND LOCATION PRIOR TO TRENCHING.
- PLACE 4" SEWER PER
- PLACE 6" SEWER PER
- PROVIDE SEWER CLEANOUT PER
- CONNECT TO BUILDING SERVICE. COORDINATE WITH PLUMBING PLANS.
- PROVIDE 2-WAY CLEANOUT PER

DRAINAGE NOTES

- CONNECT TO EXISTING STORM DRAIN. POTHOLE AND FIELD VERIFY DEPTH AND LOCATION PRIOR TO TRENCHING.
- PROVIDE AREA DRAIN PER
- PROVIDE CLEANOUT PER
- PLACE 4" STORM DRAIN PER
- PLACE 6" STORM DRAIN PER
- CONSTRUCT BUBBLER PER

GRAPHIC SCALE



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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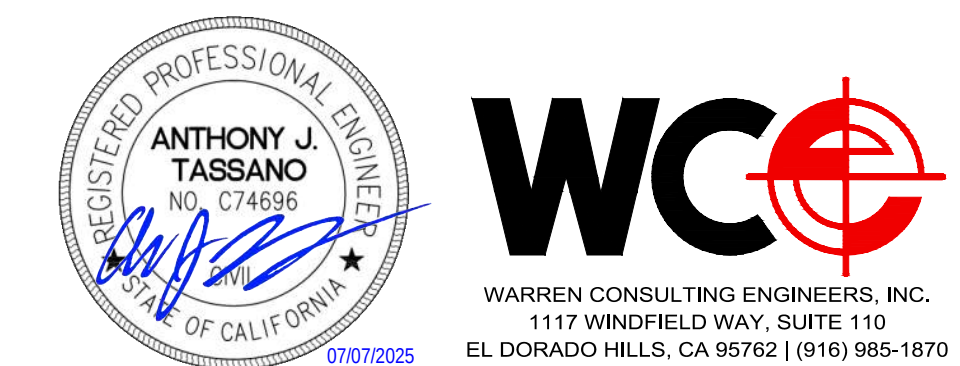
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945 SOUTH HAM LANE Lodi, CA 95242

PROJECT:
LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION

SHEET NAME:
PARTIAL DRAINAGE AND SEWER PLAN

CONSTRUCTION DOCUMENTS

DATE: 03-11-2025
CLIENT PROJ NO: 3431007000
SHEET:

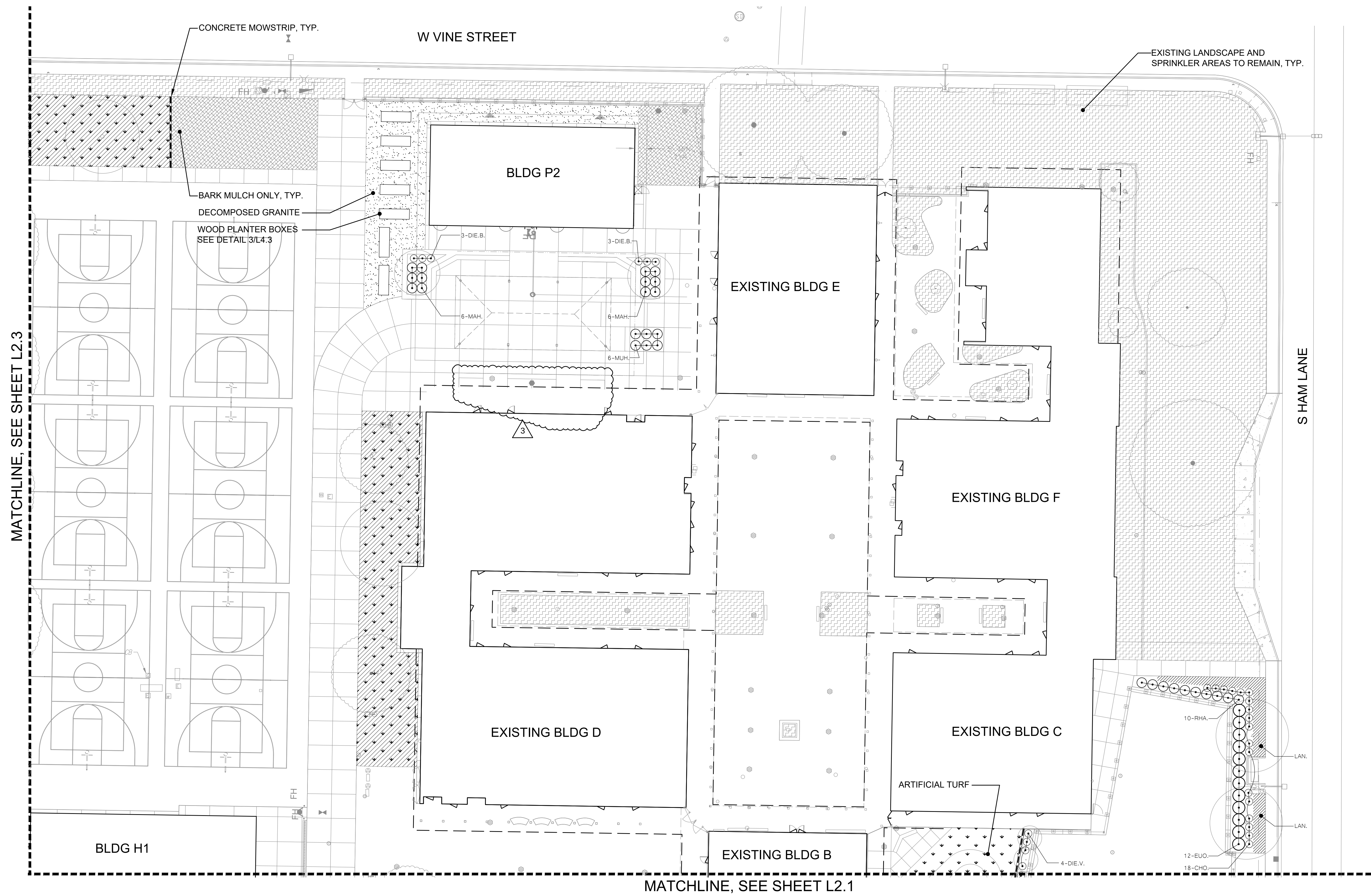
C3.2

AD3.03

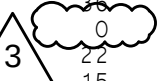
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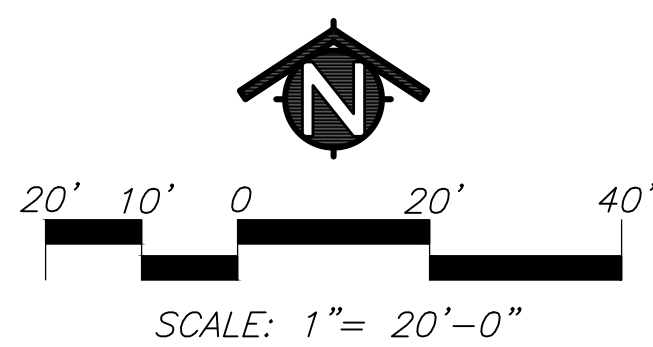
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KEY	LANDSCAPE LEGEND
	TREE OUTLINE FOR REFERENCE
	SHRUBS
	LAWN (SOD) SEE DETAIL 8/L4.1 FOR SOD ADJACENT TO EXISTING LAWN
	ARTIFICIAL TURF SEE DETAIL 4/L4.3
	DECOMPOSED GRANITE SEE DETAIL 5/L4.3
	BASEBALL INFIELD MIX SEE DETAIL 6/L4.3
	GROUNDCOVER
	BIOSWALE PLANTS
	3/8" SONOMA GOLD CRUSHED ROCK 2" DEPTH WITH WEED FABRIC
	BARK MULCH ONLY
	EXISTING LANDSCAPE AND SPRINKLER AREAS TO REMAIN
	CONCRETE MOWSTRIP SEE DETAIL 7/L4.1
	PLANT QUANTITY
	PLANT KEY
	EXISTING TREES TO REMAIN

PLANT MATERIAL LIST					
WATER USE	SIZE	QUANTITY	KEY	BOTANICAL NAME ... COMMON NAME	
SHRUBS:					
LOW	5 G.C.		ANI.	ANIGDAZANTHOS FLAVIDUS ... KANGAROO PAW	
MEDIUM	5 G.C.		AZA.	AZALEA 'ROBELEV' PP15882 ... ENCORE AUTUMN CHIFFON AZALEA	
LOW	5 G.C.		BUL.	BULBINE FRUTESCENS 'HALLMARK' ... HALLMARK BULBINE	
LOW	5 G.C.	15	CAL.	CALLISTEMON VIMINALIS 'LITTLE JOHN' ... DWARF BOTTLE BRUSH	
LOW	5 G.C.	41	CEA.	CEANOTHUS VALLEY VIOLET ... VALLEY VIOLET CEANOTHUS	
LOW	3 G.C.	32	CHO.	CHONDROPETALUM TECTORUM ... CAPE RUSH	
LOW	5 G.C.	28	DIA.	DIANELLA REVOLUTA 'CLARITY BLUE' ... CLARITY BLUE DIANELLA	
LOW	5 G.C.	26	DIE.B.	DIETES BICOLOR ... AFRICAN IRIS	
LOW	5 G.C.	32	DIE.V.	DIETES VEGETA ... FORTNIGHT LILY	
LOW	15 G.C.	46	EUD.	EUONYMUS 'ARONICUS' KUREOVARIEGATUS ... GOLD SPOT EUONYMUS	
LOW	15 G.C.	8	GAR.	GARDENIA AUGUSTA 'MYSTERY' ... GARDENIA	
LOW	5 G.C.	8	GRE.	GREVILLEA NOELII ... GREVILLEA	
LOW	3 G.C.	16	LOM.B.	LOMANDRA LONGIFOLIA 'BREEZE' ... BREEZE MAT RUSH	
MEDIUM	5 G.C.	36	LOR.P.	LOROPETALUM CHINENSE 'PURPLE DAYDREAM' ... DWARF LOROPETALUM	
MEDIUM	5 G.C.	23	LOR.P.	LOROPETALUM CHINENSE 'RAZZLEBERRY' ... FRINGE FLOWER	
LOW	5 G.C.	24	MAH.	MAHONIA 'SOFT CARESS' ... SOFT CARESS MAHONIA	
LOW	5 G.C.	6	MUH.	MUHLBERGIA RIGENS ... DEER GRASS	
LOW	5 G.C.	83	NAN.	NANDINA DOMESTICA 'HARBOR DWARF' ... HARBOR DWARF HEAVENLY BAMBOO	
LOW	5 G.C.	3	PHO.	PHORUM TENAX 'RUBRUM' ... NEW ZEALAND FLAX	
LOW	5 G.C.	3	PRU.	PRUNUS CAROLINIANA 'BRIGHT N TIGHT' ... CAROLINA LAUREL CHERRY	
LOW	5 G.C.	157	RHA.	RHAPHOLEPIS UMBELLATA 'MINOR' ... YEDDA HAWTHORN	
LOW	5 G.C.	22	ROS.	ROSA 'MEISENTIL' ... LEMON DRIFT GARRET ROSE	
LOW	1 G.C.	110	TEU.	TEUCRIUM CHAMAEDRYS ... WALL GERMANDER	
GROUNDCOVER:					
LOW	5 G.C.	48" O.C.	LAN.	LANTANA 'GOLD RUSH' ... YELLOW	
LOW	5 G.C.	36" O.C.	LOM.P.	LOMANDRA PLATINUM BEAUTY ... PLATINUM BEAUTY LOMANDRA	
LOW	5 G.C.	48" O.C.	MYO.	MYOPORUM PARVIFOLIUM ... MYOPORUM	
BIOSWALE PLANTS:					
LOW	1 G.C.	30" O.C.	ELY.	ELYMUS CONDENSATUS 'CANYON PRINCE' ... WILD RYE	
LOW	1 G.C.	18" O.C.	CAR.	CAREX TESTACEA 'PRAIRIE FIRE' ... PRAIRIE FIRE CAREX	

SEE SHEET L4.3 FOR GENERAL LANDSCAPE NOTES.



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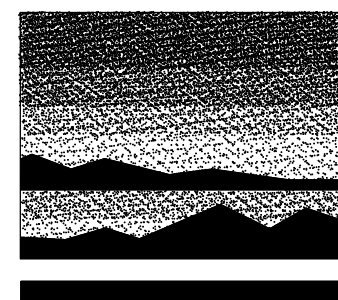
DESCRIPTION
ADDENDUM 3

DATE
7/7/25

KEYNOTES

NOTES

24-25



MTWgroup
LANDSCAPE ARCHITECTURE
AND PLANNING
2707 K Street, Suite 201
Sacramento, CA 95816
916 369-3990



FACILITY:

LODI MIDDLE SCHOOL
945 SOUTH HAM LANE
LODI, CA 95242

PROJECT:

LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION

SHEET NAME:

LANDSCAPE PLANTING PLAN

CONSTRUCTION DOCUMENTS

DATE: 06/20/25

CLIENT PROJ NO: 3431007000

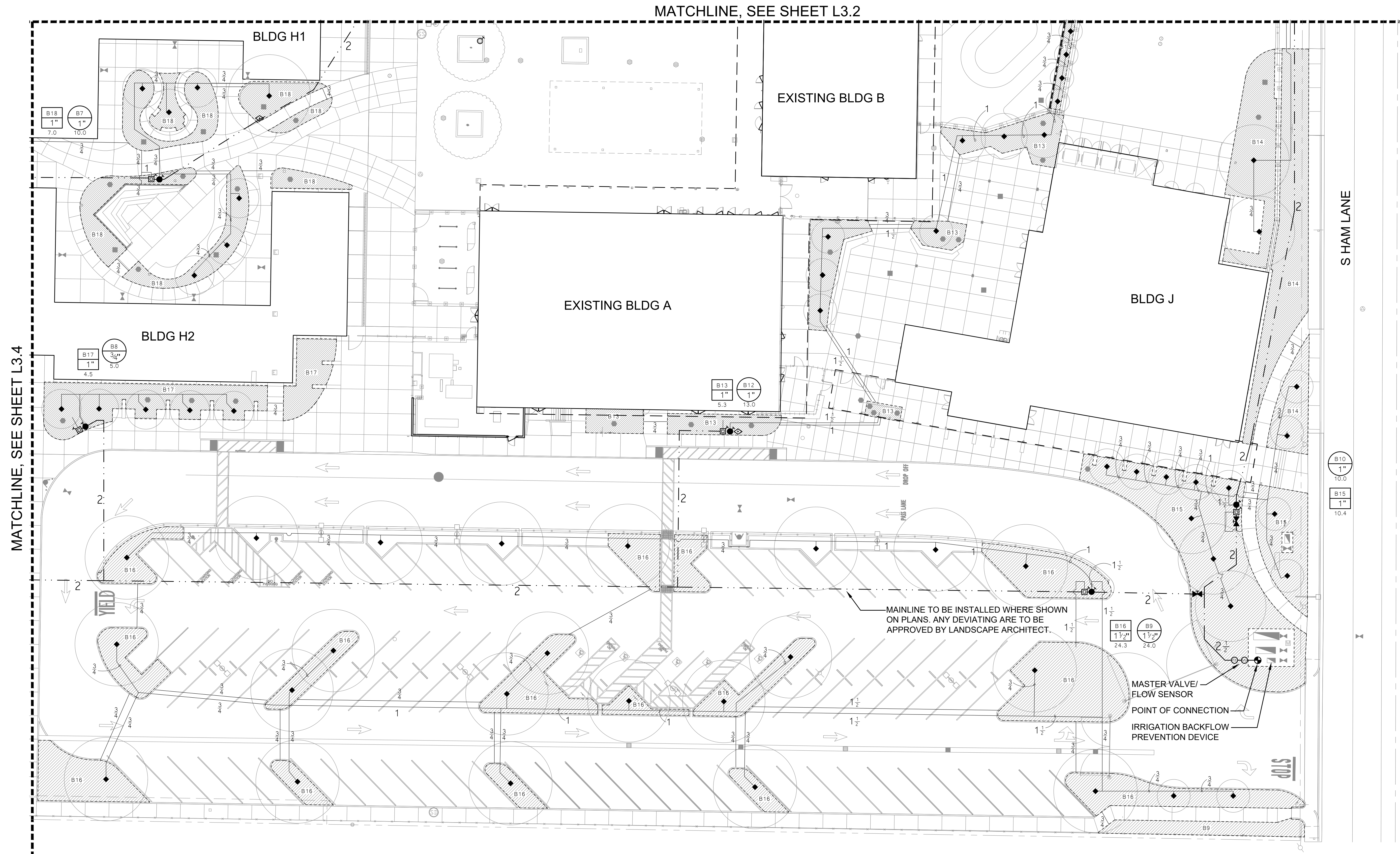
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L2.2

AD3.04

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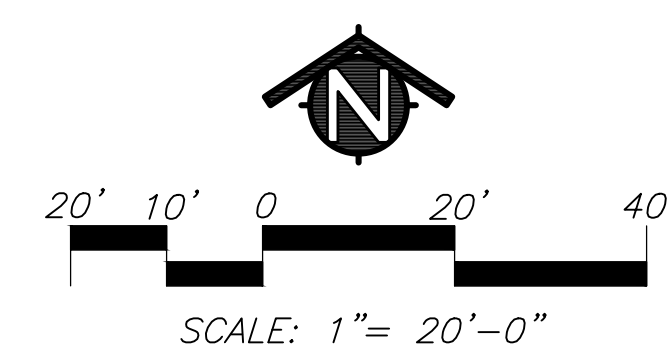
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KEY	SPRINKLER IRRIGATION LEGEND
	EXISTING AUTOMATIC CONTROLLER: RAINBIRD ESP-LIME CONTROLLER "A" - 36 STATIONS, ADD EXPANSION MODULE FOR ADDITIONAL VALVES ADD A RAINBIRD CARTRIDGE MODEL #10ACCRS, RAINBIRD RADIO MODEL #104652 AND A 3" OMNI ANTENNA. CONTROLLER "B" - 12 STATIONS, ADD EXPANSION MODULE FOR ADDITIONAL VALVES ADD A RAINBIRD 900MHZ RADIO MODEL #104652 AND A 3" OMNI ANTENNA.
	POINT OF CONNECTION: STATIC WATER PRESSURE PRIOR TO WATER METER: 56 PSI DYNAMIC WATER PRESSURE AFTER IRRIGATION BACKFLOW DEVICE: 44 PSI IRRIGATION SYSTEM OPERATING WATER PRESSURE: 40 PSI FOR CAMPUS IRRIGATION SYSTEM OPERATION WATER PRESSURE: 60 PSI FOR PLAYFIELD MAX FLOW 110 GPM CONTRACTOR SHALL LOCATE AS SHOWN. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS.
	EXISTING BOOSTER PUMP:
	MASTER VALVE/FLOW SENSOR ASSEMBLY: MASTER VALVE - 2" NORMALLY CLOSED GRISWOLD #2000P FLOW SENSOR - BADGER 200SS INSERT IN 3" SADDLE FLOW SENSOR TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH RAINBIRD PE-39 WIRE. MASTER VALVE TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH UF-14 CONTROL WIRES.
	GATE VALVE: TYPE: 3" SIZE AND SMALLER: LEEMCO LGT-YXSS THREADED 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.
	PRESSURE MAIN LINE: TYPE: 3" SIZE AND SMALLER: ASTM D1785, PVC SCHEDULE 40, 4" SIZE AND LARGER: ASTM D2241 SDR 21, 200 PSI, RUBBER GASKETED. 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. ROTOR HEADS - 18" MINIMUM COVER. BUBBLER HEADS - 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
	AUTOMATIC CONTROL VALVE: RAINBIRD PEB-PRS-D SERIES
	EXISTING AUTOMATIC CONTROL VALVE TO REMAIN:
	EXISTING SPRINKLER HEAD TO REMAIN:
	EXISTING IRRIGATION MAINLINE TO REMAIN:
	EXISTING LATERAL LINE TO REMAIN:

KEY	SPRINKLER IRRIGATION LEGEND
	QUICK COUPLER VALVE: RAINBIRD 441NP 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.
	LAWN POP-UP ROTOR HEADS: FULL CIRCLE RAINBIRD: 6504-PC-SS-10 60 PSI HALF CIRCLE RAINBIRD: 6504-PC-SS-10 60 PSI QUARTER CIRCLE RAINBIRD: 6504-PC-SS-10 60 PSI LAWN POP-UP ROTOR HEADS: HALF CIRCLE RAINBIRD: 3504-PC-SAM-2.0 35 PSI QUARTER CIRCLE RAINBIRD: 3504-PC-SAM-2.0 35 PSI
	LAWN POP-UP SPRAY HEADS (35 PSI): RAINBIRD: RD06-S-P45 BODY WITH RAINBIRD R-VAN 18 SERIES NOZZLES. HALF AND QUARTER SPRAY PATTERNS.
	TREE BUBBLER HEADS: RAINBIRD: 1402 BUBBLER NOZZLE WITH INLINE CHECK VALVE.
	SHRUB BUBBLER: EMITTER TO BE RAINBIRD XBT-20 (2 GPH). IH RISER TO BE BURIED A MINIMUM DEPTH OF 3" BELOW GRADE. HUNTER IH-RISER EXTENSION TO EACH BUBBLER NOT SHOWN. SEE DETAIL 7/L4.2 FOR INSTALLATION. PVC SCHEDULE 40 LATERAL LINES SHOWN ON PLAN. UNSIIZED PIPE TO BE 3/4" SIZE. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT. LIMITS OF SHRUB BUBBLER PLACEMENT INDICATES HYDROZONE PVC SCH 40 LATERAL LINE
	AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR: RAINBIRD CONTROL ZONE KIT MODELS XCZ-100-PRB-COM AND XCZ-150-PRB-COM
	INDICATES CONTROL VALVE AND STATION NUMBER
	INDICATES CONTROL VALVE SIZE
	INDICATES GALLONS PER MINUTE
	EXISTING TREE PROTECTION AREA: THE PROTECTION AREA UNDER ANY EXISTING TREE THAT IS TO REMAIN IS DEFINED BY ITS DRIP LINE OR CANOPY COVER. WITHIN THIS AREA NO STORAGE OR PARKING WILL BE PERMITTED. ALL TRENCHING WILL BE PERFORMED BY HAND, DO NOT CUT ROOTS 1" IN DIAMETER OR LARGER. USE BORING PROCEDURES WHEN ENCOUNTERING ROOTS 1" SIZE AND LARGER. NO ROOTS ARE TO BE EXPOSED LONGER THAN 48 HOURS.

SEE SHEET L4.3 FOR GENERAL IRRIGATION NOTES.



AGENCY
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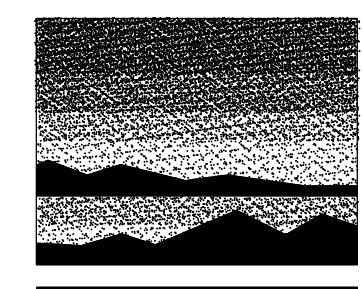
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ISSUE	DATE
DESCRIPTION	7/7/25
ADDENDUM 3	

KEYNOTES

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24-25



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LANDSCAPE ARCHITECTURE
AND PLANNING
2707 K Street, Suite 201
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SHEET NAME:
LANDSCAPE IRRIGATION PLAN

CONSTRUCTION DOCUMENTS

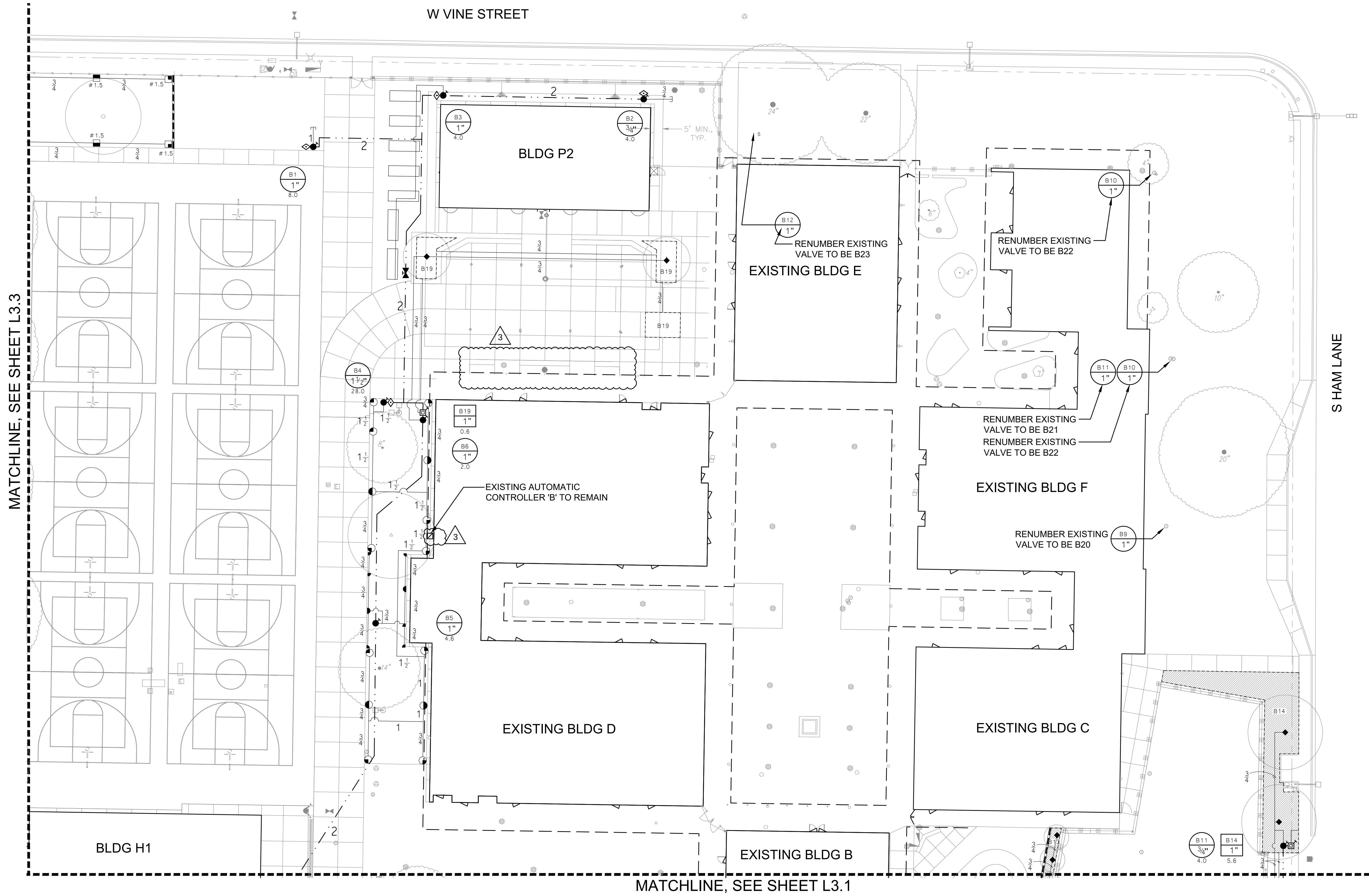
DATE: 06/20/25 CLIENT PROJ NO: 3431007000
SHEET:

L3.1

AD3.05

PLEASE RECYCLE

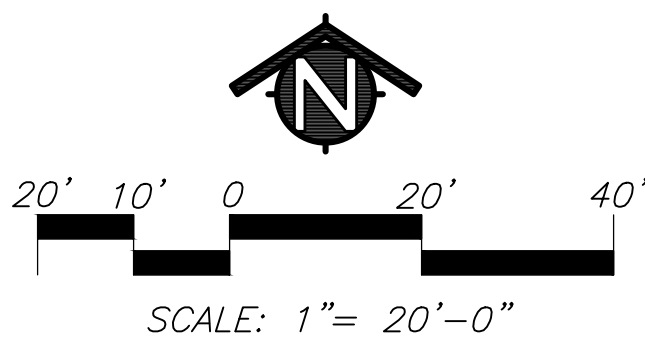
Autodesk Docs: 1/451007000 Lodi MS Additions 3431007000-LODI-MS-ADDITIONS.rvt 11/8/2024 4:38:34 PM



KEY	SPRINKLER IRRIGATION LEGEND
	EXISTING AUTOMATIC CONTROLLER: RAINBIRD ESP-LXME CONTROLLER "A" ~ 36 STATIONS, ADD EXPANSION MODULE FOR ADDITIONAL VALVES ADD A RAINBIRD CARTRIDGE MODEL #10VCR35, RAINBIRD RADIO MODEL #104552 AND A 3" OMNI ANTENNA. CONTROLLER "B" ~ 20 STATIONS, ADD EXPANSION MODULE FOR ADDITIONAL VALVES ADD A RAINBIRD 550MHZ RADIO MODEL #104552 AND A 3" OMNI ANTENNA.
	POINT OF CONNECTION: STATIC WATER PRESSURE PRIOR TO WATER METER: 55 PSI DYNAMIC WATER PRESSURE AFTER IRRIGATION BACKFLOW DEVICE: 44 PSI IRRIGATION SYSTEM OPERATING WATER PRESSURE: 40 PSI FOR CAMPUS IRRIGATION SYSTEM OPERATING WATER PRESSURE: 60 PSI FOR PLAYFIELD MAX FLOW 110 GPM CONTRACTOR SHALL LOCATE AS SHOWN. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS.
	EXISTING BOOSTER PUMP:
	MASTER VALVE/FLOW SENSOR ASSEMBLY: MASTER VALVE ~ 2" NORMALLY CLOSED GRISWOLD #2000P FLOW SENSOR ~ BADGER 200SS INSERT IN 3" SADDLE FLOW SENSOR TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH RAINBIRD PE-39 WIRE. MASTER VALVE TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH UF-14 CONTROL WIRES.
	GATE VALVE: TYPE: 3" SIZE AND SMALLER: LEEMCO LGT-XXSS THREADED 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.
	PRESSURE MAIN LINE: TYPE: 3" SIZE AND SMALLER: ASTM D1785, PVC SCHEDULE 40. 4" SIZE AND LARGER: ASTM D2241 SDR 21, 200 PSI, RUBBER GASKETED. 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. ROTOR HEADS ~ 18" MINIMUM COVER. BUBBLER HEADS ~ 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
	AUTOMATIC CONTROL VALVE: RAINBIRD FEB-PRS-D SERIES
	EXISTING AUTOMATIC CONTROL VALVE TO REMAIN:
	EXISTING SPRINKLER HEAD TO REMAIN:
	EXISTING IRRIGATION MAINLINE TO REMAIN:
	EXISTING LATERAL LINE TO REMAIN:

KEY	SPRINKLER IRRIGATION LEGEND
	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.
	LAWN POP-UP ROTOR HEADS: FULL CIRCLE RAINBIRD: 6504-PC-SS-10 60 PSI HALF CIRCLE RAINBIRD: 6504-PC-SS-10 60 PSI QUARTER CIRCLE RAINBIRD: 6504-PC-SS-10 60 PSI QUARTER CIRCLE RAINBIRD: 6504-PC-SAM 35 PSI NOZZLE SIZE AS SHOWN IN THE PLAN
	LAWN POP-UP ROTOR HEADS: HALF CIRCLE RAINBIRD: 3504-PC-SAM-2.0 35 PSI QUARTER CIRCLE RAINBIRD: 3504-PC-SAM-2.0 35 PSI
	LAWN POP-UP SPRAY HEADS (35 PSI): RAINBIRD: RD06-S-P45 BODY WITH RAINBIRD R-VAN 18 SERIES NOZZLES. HALF AND QUARTER SPRAY PATTERNS.
	TREE BUBBLER HEADS: RAINBIRD: 1402 BUBBLER NOZZLE WITH INLINE CHECK VALVE.
	SHRUB BUBBLER: EMITTER TO BE RAINBIRD XBT-20 (2 GPH). IN RISER TO BE BURIED A MINIMUM DEPTH OF 3" BELOW GRADE. HUNTER IH-RISER EXTENSION TO EACH BUBBLER NOT SHOWN. SEE DETAIL 7/L4.2 FOR INSTALLATION. PVC SCHEDULE 40 LATERAL LINES SHOWN ON PLAN. UNSIZE PIPE TO BE 3/4" SIZE. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT. LIMITS OF SHRUB BUBBLER PLACEMENT INDICATES HYDROZONE PVC SCH 40 LATERAL LINE
	AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR: RAINBIRD CONTROL ZONE KIT MODELS XCZ-100-PRB-COM AND XCZ-150-PRB-COM
	INDICATES CONTROL VALVE AND STATION NUMBER
	INDICATES CONTROL VALVE SIZE
	INDICATES GALLONS PER MINUTE
	EXISTING TREE PROTECTION AREA: THE PROTECTION AREA UNDER ANY EXISTING TREE THAT IS TO REMAIN IS DEFINED BY ITS DRIP LINE OR CANOPY COVER. WITHIN THIS AREA NO STORAGE OR PARKING WILL BE PERMITTED. ALL TRENCHING WILL BE PERFORMED BY HAND. DO NOT CUT ROOTS 1" IN DIAMETER OR LARGER. USE BORING PROCEDURES WHEN ENCOUNTERING ROOTS 1" SIZE AND LARGER. NO ROOTS ARE TO BE EXPOSED LONGER THAN 48 HOURS.

SEE SHEET L4.3 FOR GENERAL IRRIGATION NOTES.



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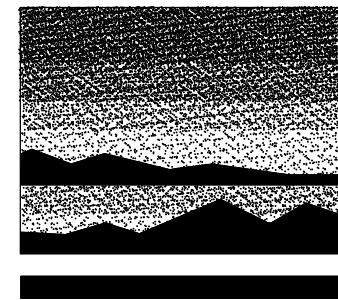
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DESCRIPTION	DATE
ADDENDUM 3	7/7/25

KEYNOTES

NOTES

24-25



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LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION

SHEET NAME:

LANDSCAPE IRRIGATION PLAN

CONSTRUCTION DOCUMENTS

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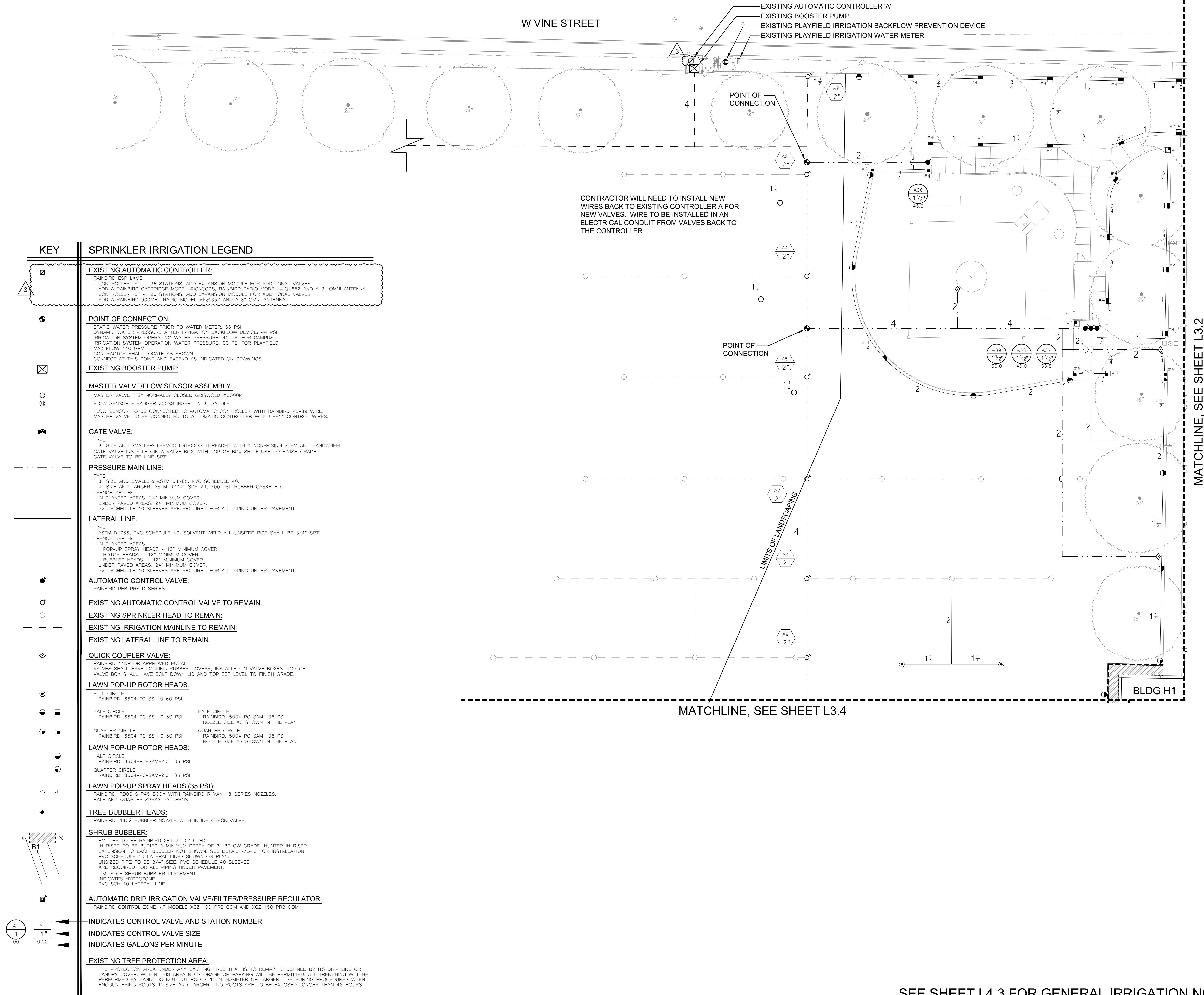
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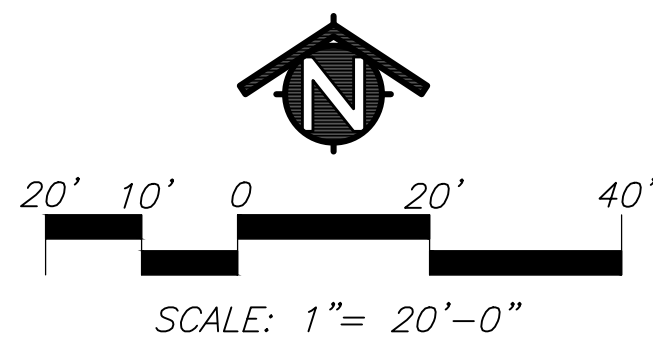
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KEY	SPRINKLER IRRIGATION LEGEND
	EXISTING AUTOMATIC CONTROLLER: RAINBIRD ESP-LXME CONTROLLER "A" - 36 STATIONS, ADD EXPANSION MODULE FOR ADDITIONAL VALVES ADD A RAINBIRD CARTRIDGE MODEL #10NCCRS, RAINBIRD RADIO MODEL #104852 AND A 3" OMNI ANTENNA. CONTROLLER "B" - 20 STATIONS, ADD EXPANSION MODULE FOR ADDITIONAL VALVES ADD A RAINBIRD 900MHZ RADIO MODEL #104852 AND A 3" OMNI ANTENNA.
	POINT OF CONNECTION: STATIC WATER PRESSURE PRIOR TO WATER METER: 56 PSI DYNAMIC WATER PRESSURE AFTER IRRIGATION BACKFLOW DEVICE: 44 PSI IRRIGATION SYSTEM OPERATING WATER PRESSURE: 40 PSI FOR CAMPUS IRRIGATION SYSTEM OPERATION WATER PRESSURE: 60 PSI FOR PLAYFIELD MAX FLOW 110 GPM CONTRACTOR SHALL LOCATE AS SHOWN. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS.
	EXISTING BOOSTER PUMP:
	MASTER VALVE/FLOW SENSOR ASSEMBLY: MASTER VALVE - 2" NORMALLY CLOSED GRSWOLD #2000P FLOW SENSOR - BADGER 200SS INSERT IN 3" SADDLE FLOW SENSOR TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH RAINBIRD PE-39 WIRE. MASTER VALVE TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH UF-14 CONTROL WIRES.
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	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. ROTOR HEADS - 18" MINIMUM COVER. BUBBLER HEADS - 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
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	LAWN POP-UP SPRAY HEADS (35 PSI): RAINBIRD: R006-S-P45 BODY WITH RAINBIRD R-VAN 18 SERIES NOZZLES. HALF AND QUARTER SPRAY PATTERNS.
	TREE BUBBLER HEADS: RAINBIRD: 1402 BUBBLER NOZZLE WITH INLINE CHECK VALVE.
	SHRUB BUBBLER: EMITTER TO BE RAINBIRD XBT-20 (2 GPH). 1/2" RISER TO BE BURIED A MINIMUM DEPTH OF 3" BELOW GRADE, HUNTER 1H-RISER EXTENSION TO EACH BUBBLER NOT SHOWN, SEE DETAIL 7/L4.2 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 INDICATES HYDROZONE PVC SCH 40 LATERAL LINE
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SEE SHEET L4.3 FOR GENERAL IRRIGATION NOTES.



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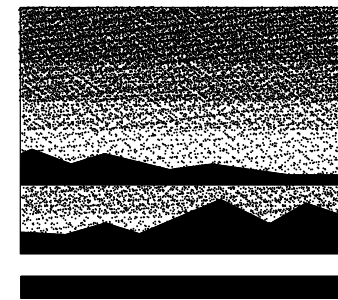
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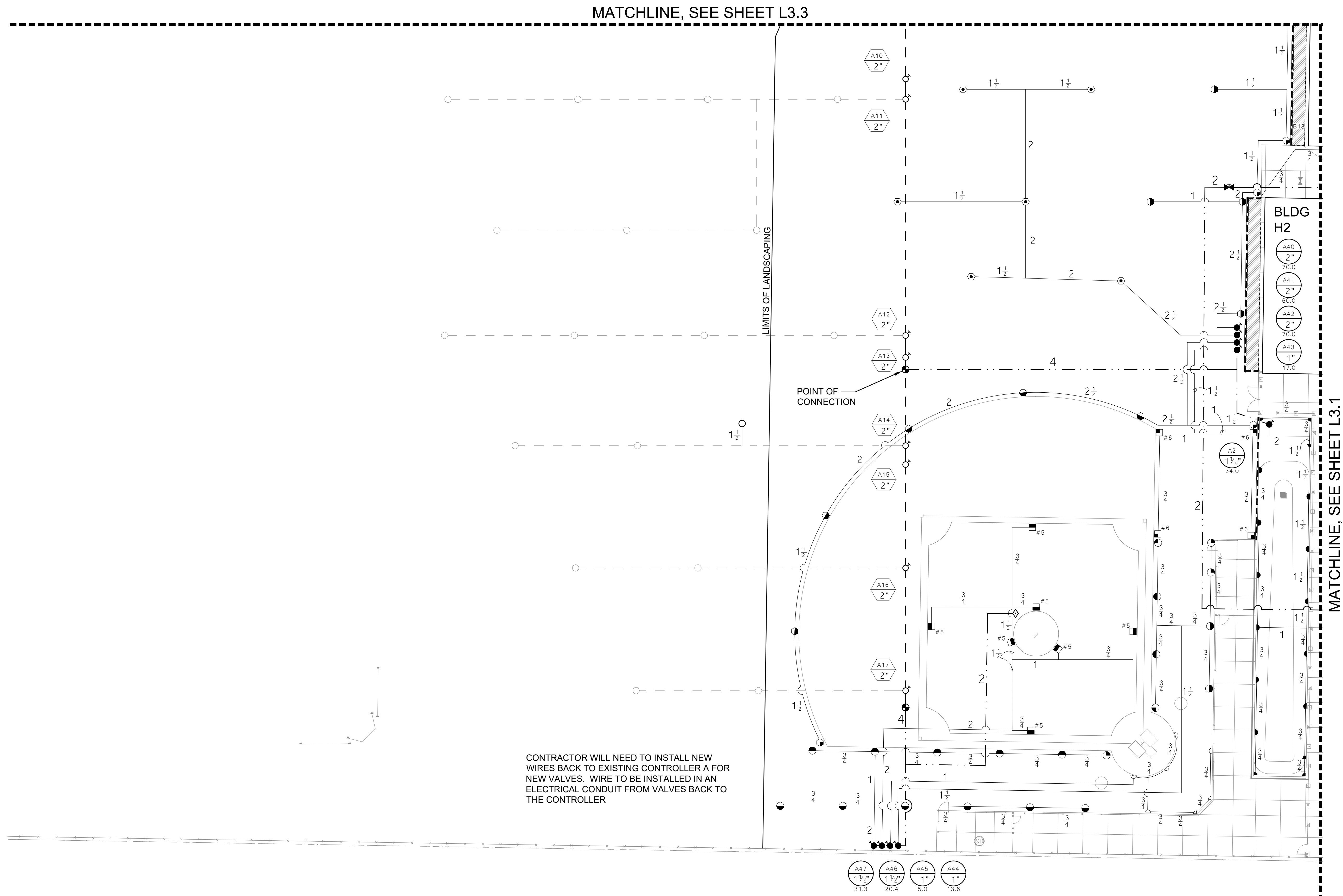
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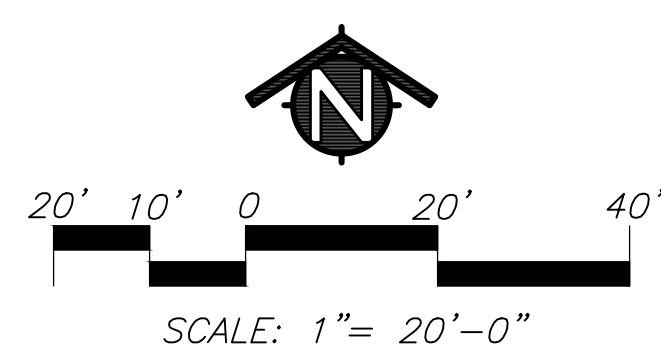
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SEE SHEET L4.3 FOR GENERAL IRRIGATION NOTES.



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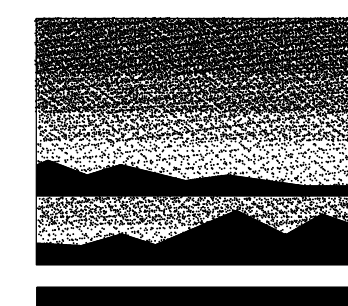
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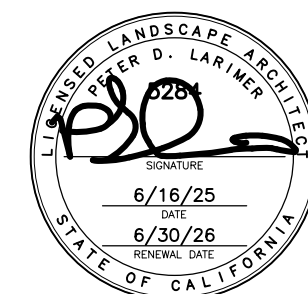
KEYNOTES

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MODERNIZATION

SHEET NAME:

LANDSCAPE IRRIGATION PLAN

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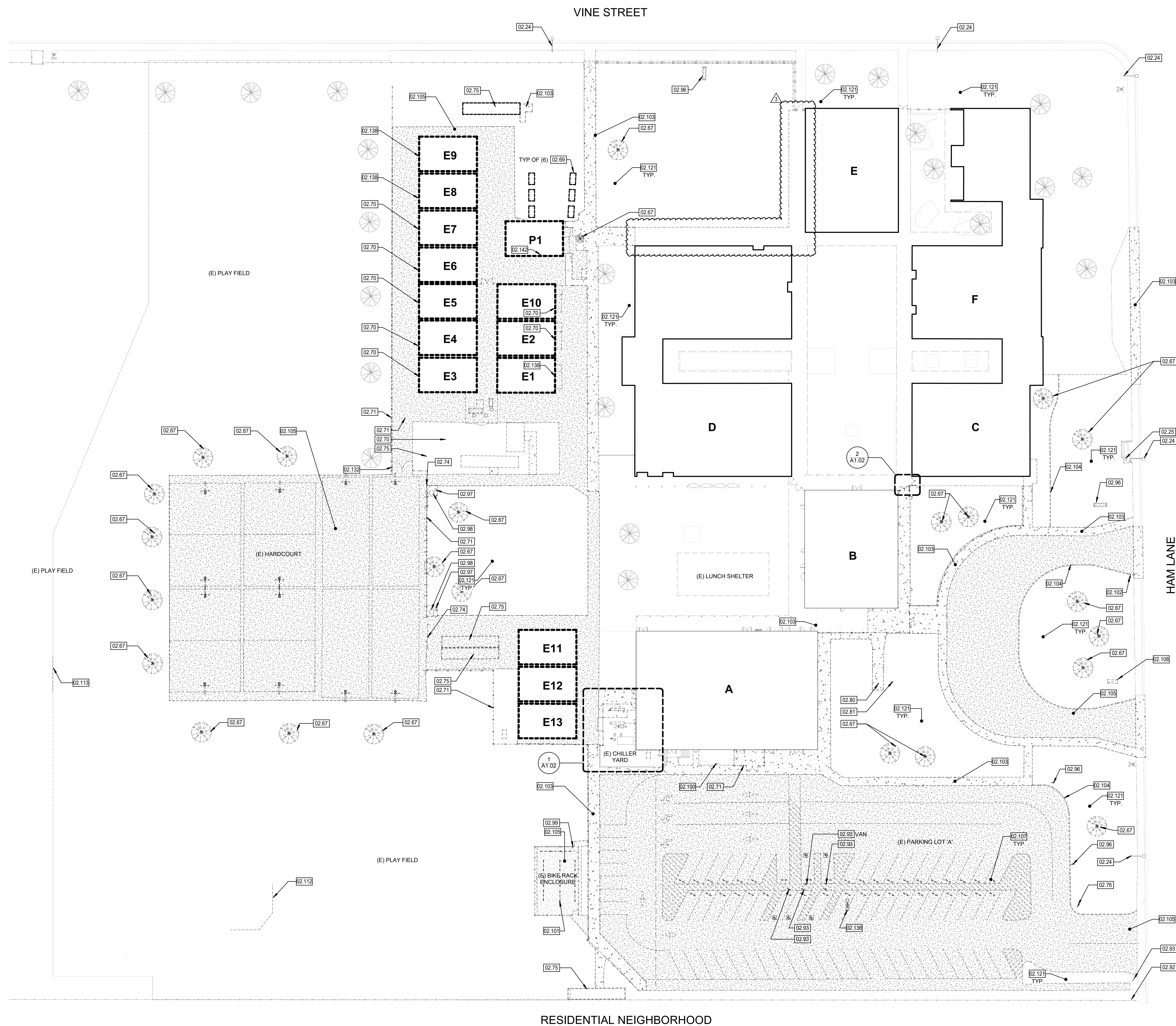
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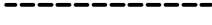
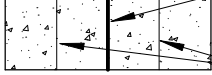
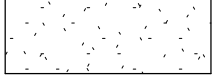
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LEGEND

- | | |
|---|---|
|  | PROPERTY LINE |
|  | ASSUMED PROPERTY LINE |
|  | ACCESSIBLE PATH OF TRAVEL /
PATH OF TRAVEL TO PUBLIC WAY |
|  | PATH OF EXIT DISCHARGE |
|  | OVERHANG LINE ABOVE |
|  | CHAIN LINK FENCE |
|  | ORNAMENTAL FENCE |
|  | EXISTING BUILDING |
|  | EXPANSION JOINT
CONCRETE WALK
CONTROL JOINT |
|  | ASPHALT CONCRETE PAVING |
|  | LANDSCAPE |
|  | PORTABLES TO BE RELOCATED |
|  | FIRE HYDRANT |
|  | TRUNCATED DOME |

DEMOLITION KEYNOTES

- | | |
|--------|---|
| 02.24 | (E) STREET LIGHT TO REMAIN |
| 02.25 | (E) TRASH RECEPTACLE TO REMAIN |
| 02.67 | REMOVE (E) TREE, TRUNK AND ROOTS |
| 02.69 | REMOVE (E) PLANTER |
| 02.70 | REMOVE AND SALVAGE (E) PORTABLE BUILDING, RAMPS AND ASSOCIATED FOUNDATION, PORTABLE BUILDINGS AND RAMPS TO BE RELOCATED TO DISTRICT'S YARD. |
| 02.71 | DEMOLISH AND REMOVE (E) CHAIN LINK FENCE AND FOUNDATION |
| 02.74 | REMOVE (E) TALL ROLLING GATE |
| 02.75 | REMOVE AND RETURN EXISTING STORAGE BUILDINGS TO DISTRICT |
| 02.76 | EXISTING ON-WAY SIGN CONSTRUCTED UNDER DSA APPLICATION NO. 02-109532 |
| 02.77 | REMOVE AND SALVAGE SIGNAGE AND SIGN POST. STORE IN SAFE LOCATION FOR RE-INSTALLATION. |
| 02.80 | REMOVE AND RELOCATE (E) FLAGPOLE |
| 02.81 | REMOVE AND RELOCATE (E) MONUMENT SIGN |
| 02.92 | TRIM BACK (E) LANDSCAPE PROTRUDING THOUGH FENCE ALONGS THE PROPERTY LINE |
| 02.93 | REMOVE (E) SIGN, POST, AND FOUNDATION AND SALVAGE SIGNAGE AND SIGN POST. STORE IN SAFE LOCATION FOR RE-INSTALLATION. |
| 02.96 | REMOVE AND DISPOSE OF EXISTING SIGN AND FOUNDATION SEE CIVIL |
| 02.97 | REMOVE AND DISPOSE OF CONCRETE HI-LO DRINKING FOUNTAIN |
| 02.98 | REMOVE AND STORE METAL TRASH RECEPTACLE FOR REUSE COORDINATE LOCATION WITH DISTRICT |
| 02.99 | REMOVE (E) CHAIN LINK FENCE ENCLOSURE GATES AND FOUNDATION |
| 02.100 | (E) DROP OF LANE NO PARKING SIGN TO REMAIN; PROTECT IN PLACE |
| 02.101 | REMOVE AND DISPOSE OF EXISTING BIKE LOCK RACKS |
| 02.102 | REMOVE (E) "BUSES ONLY" SIGN, POST, AND FOUNDATION, AND SALVAGE SIGNAGE AND SIGN POST. STORE IN SAFE LOCATION FOR RE-INSTALLATION. |
| 02.103 | REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING |
| 02.104 | REMOVE AND DISPOSE OF EXISTING CONCRETE CURB, SEE CIVIL DWGS |
| 02.105 | REMOVE AND DISPOSE OF EXISTING AC PAVING, SEE CIVIL DWGS |
| 02.107 | REMOVE (E) CONCRETE WHEEL STOP AND SALVAGE (E) CIVIL DWGS |
| 02.108 | REMOVE (E) BACK FLOW PREVENTER AND SALVAGE FOR REINSTALLATION |
| 02.112 | REMOVE AND DISPOSE OF EXISTING BASEBALL BACKSTOP |
| 02.113 | SALVAGE EXISTING SOCCER GOAL AND RETURN TO THE DISTRICT |
| 02.121 | REMOVE (E) SPRINKLER HEADS, SEE LANDSCAPE |
| 02.132 | REMOVE EXISTING (E) CHAIN LINK GATE AND FOUNDATION |
| 02.136 | REMOVE (E) LIGHT FIXTURE, CONCRETE BASE, AND FOOTING ELEC |
| 02.138 | REMOVE (E) PORTABLE BUILDINGS, RAMPS, AND ASSOCIATED FOUNDATION, CONTRACTOR TO COORDINATE DEMOLITION WITH SJC AIR BOARD. |
| 02.142 | CONTRACTOR TO REMOVE ALL INTERIOR FURNITURE, EQUIPMENT, ETC. FROM EXISTING PORTABLE BUILDING. CONTRACTOR TO DISCONNECT (E) PORTABLE BUILDING AND PATCH AND REPAIR HOLES IN THE CEILING, WALLS AS REQUIRED. CONTRACTOR TO COORDINATE WITH LEASING COMPANY FOR REMOVAL. |

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Δ	DESCRIPTION	DATE
1	ADDENDUM 1	06/13/2025
3	ADDENDUM 3	07/07/2025

KEYNOTES

1. REFER TO SHEET G0.10 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR UTILITY INFORMATION
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING OUTSIDE OF LIMIT OF WORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES

DEMOLITION GENERAL NOTES

1. PROTECT ALL ITEMS NOT NOTED TO BE REMOVED OR MODIFIED. REPAIR ALL DAMAGED ITEMS TO SAME CONDITION AS BEFORE DAMAGE OCCURRED.
2. REMOVE ALL ITEMS SCHEDULED FOR DEMOLITION INCLUDING MOUNTING HARDWARE, ABANDONED SWITCHES, WIRING AND SURFACE MOUNTED CONDUIT. SURFACES SHALL BE CLEANED AND PREPARED TO RECEIVE NEW WORK.
3. ALL ITEMS TO BE REMOVED AND NOT REINSTALLED SHALL BE DISPOSED OFF SITE.
4. REMOVE ALL MATERIALS REQUIRED TO INSTALL NEW WORK WHETHER OR NOT SPECIFICALLY SHOWN TO BE REMOVED OR MODIFIED.
5. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.

FACILITY:
LODI MIDDLE SCHOOL
945 SOUTH HAM LANE LODI, CA 95242

PROJECT:
**LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION
INCREMENT 1**
SHEET NAME:
SITE DEMOLITION PLAN

CONSTRUCTION DOCUMENTS

DATE: 2025.03.11

CLIENT PROJ NO: 343100700

SHEET:

SITE DEMOLITION PLAN

1
1" = 30'-0"

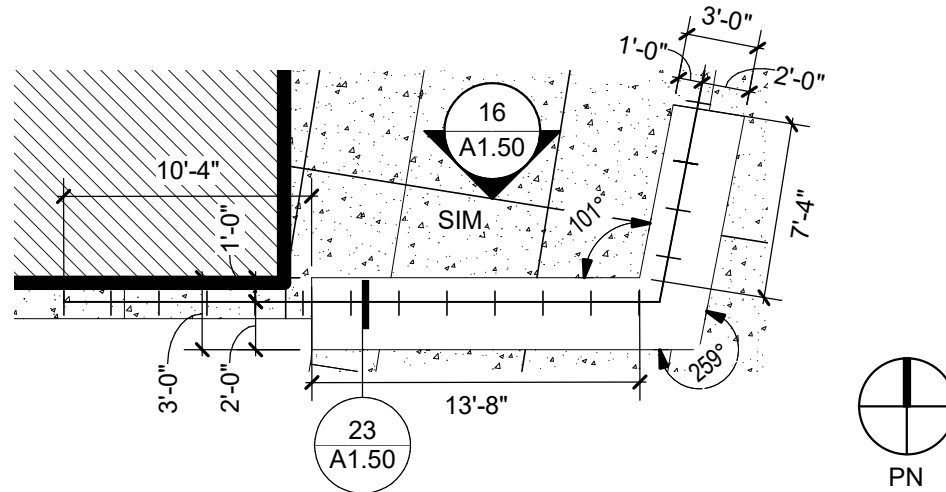
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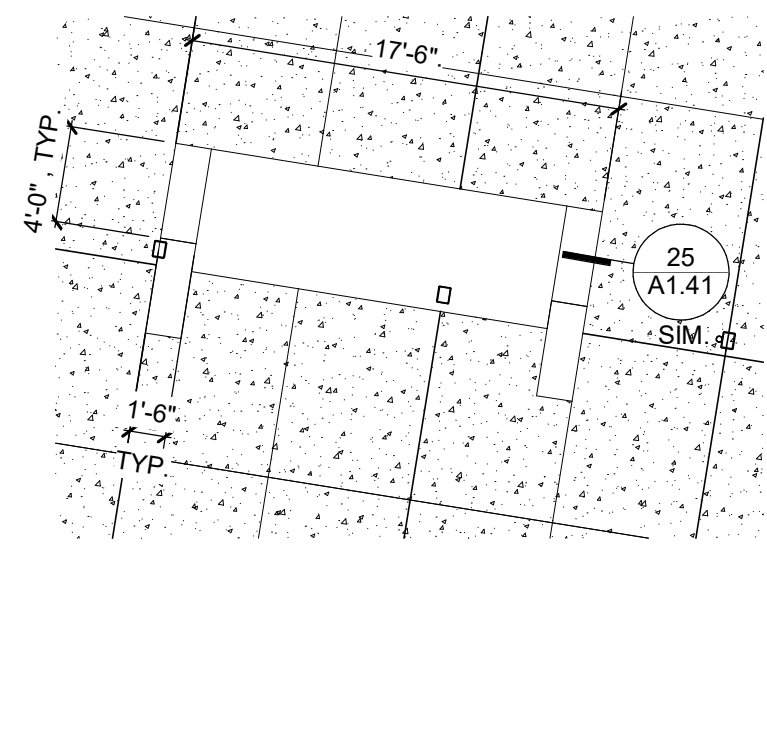
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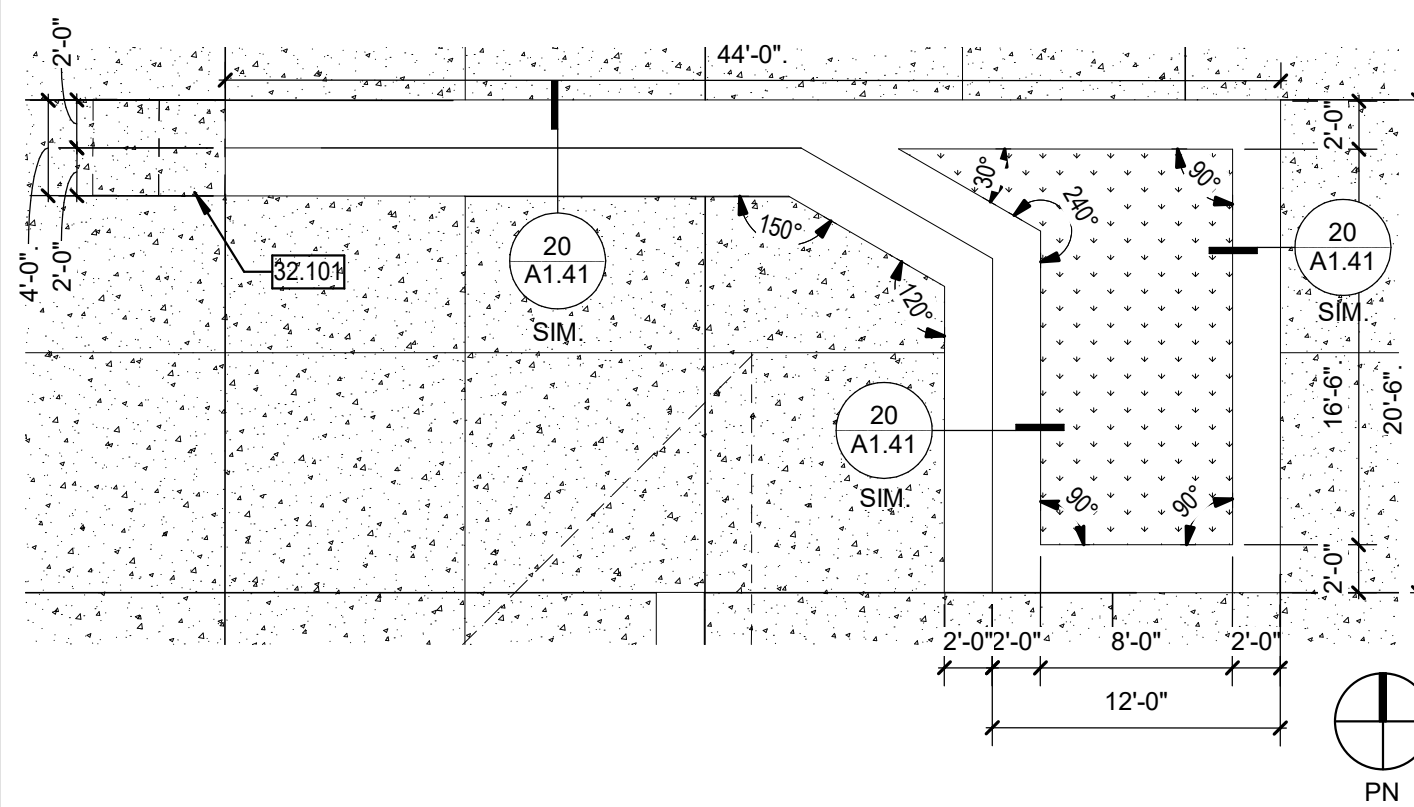
- NOTES:**
- REFER TO SHEET G0.10 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
 - REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION
 - REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR UTILITY INFORMATION
 - CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING OUTSIDE OF LIMIT OF WORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES



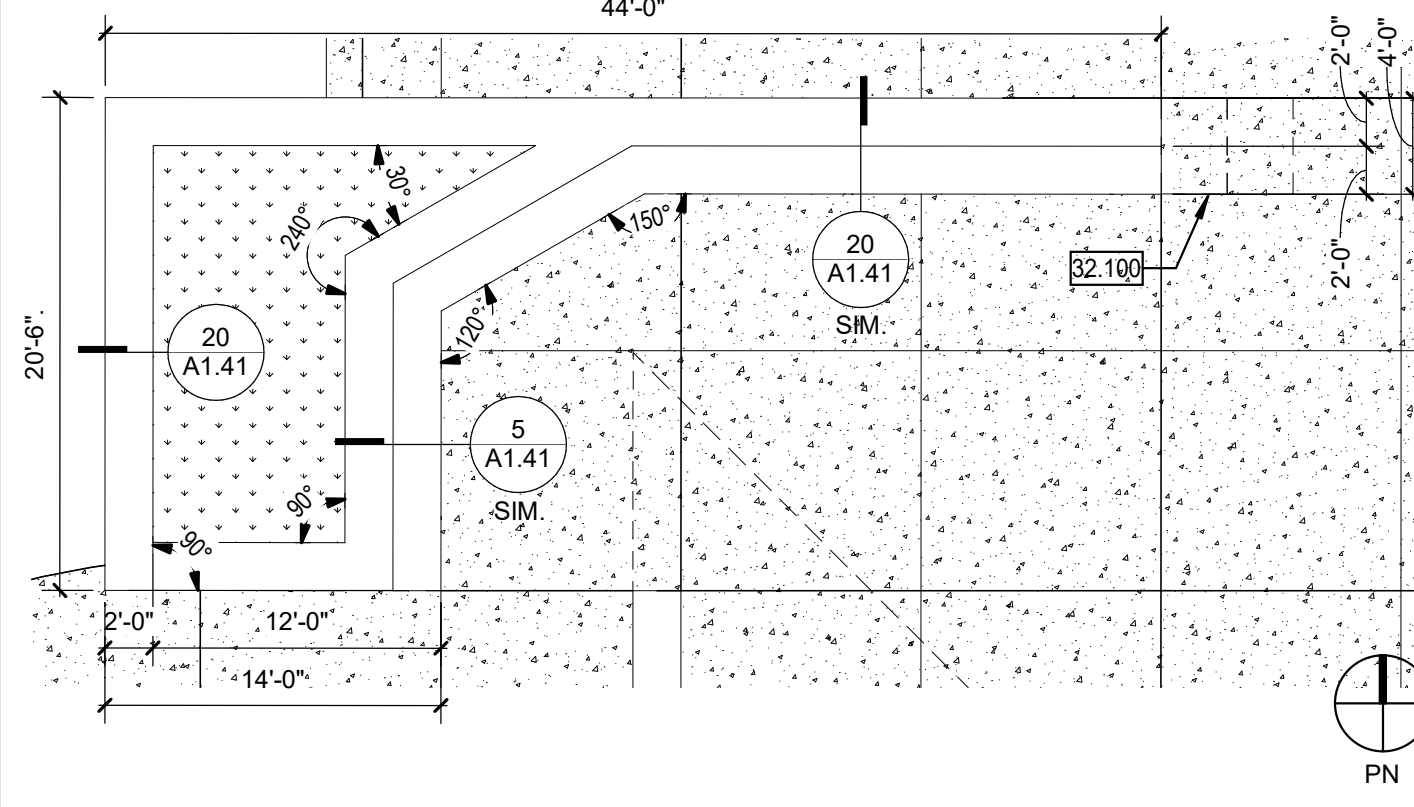
ENLARGED SITE PLAN - PLANTER F **25**
NTS



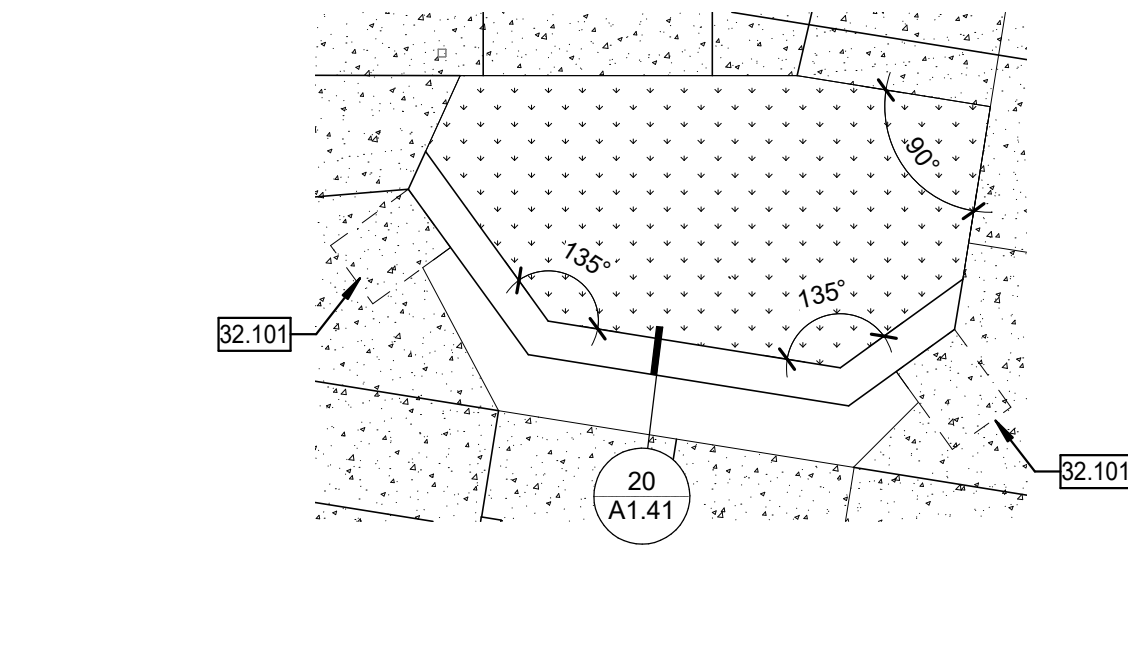
ENLARGED SITE PLAN - PLANTER D **24**
1/8" = 1'-0"



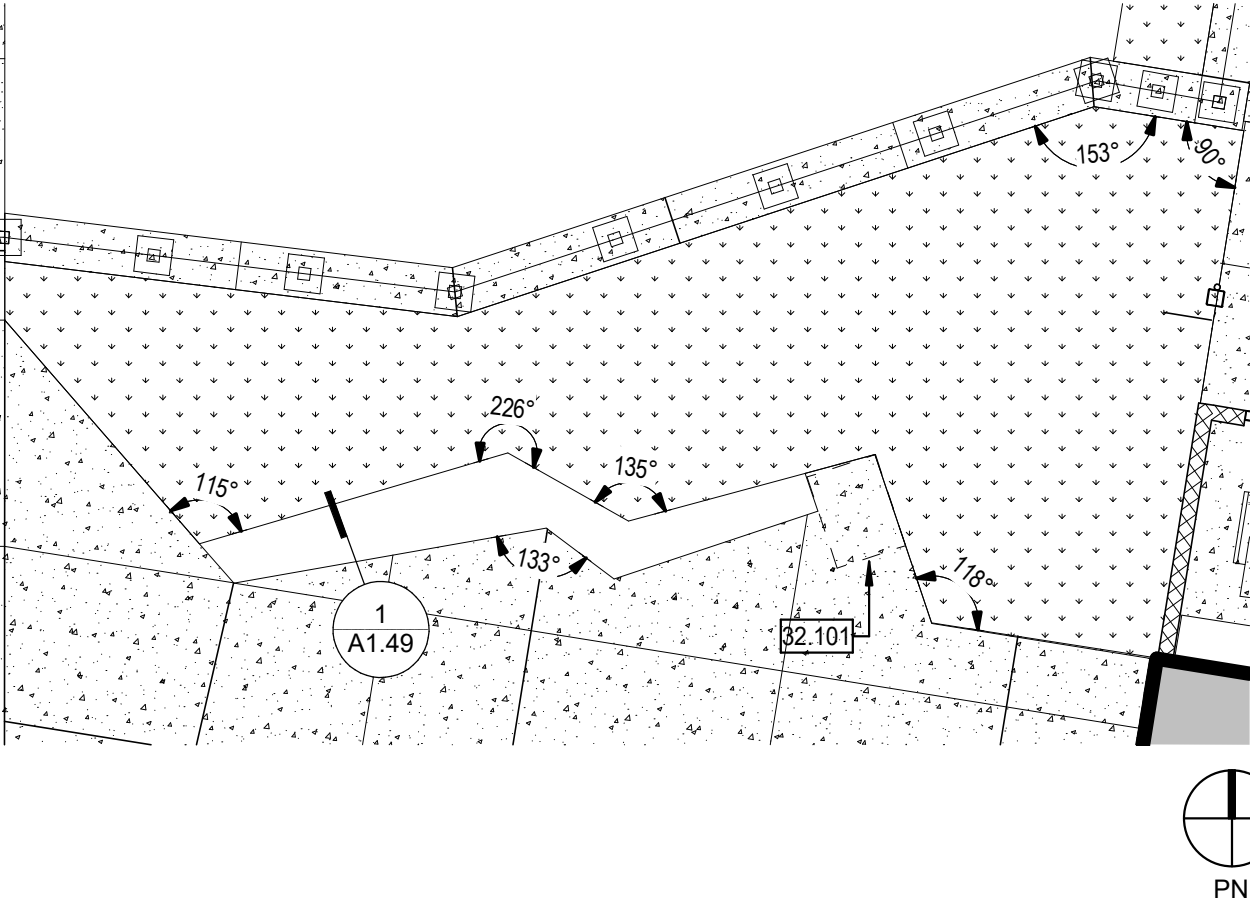
ENLARGED SITE PLAN - OUTDOOR GATHERING SPACE B **20**
1/8" = 1'-0"



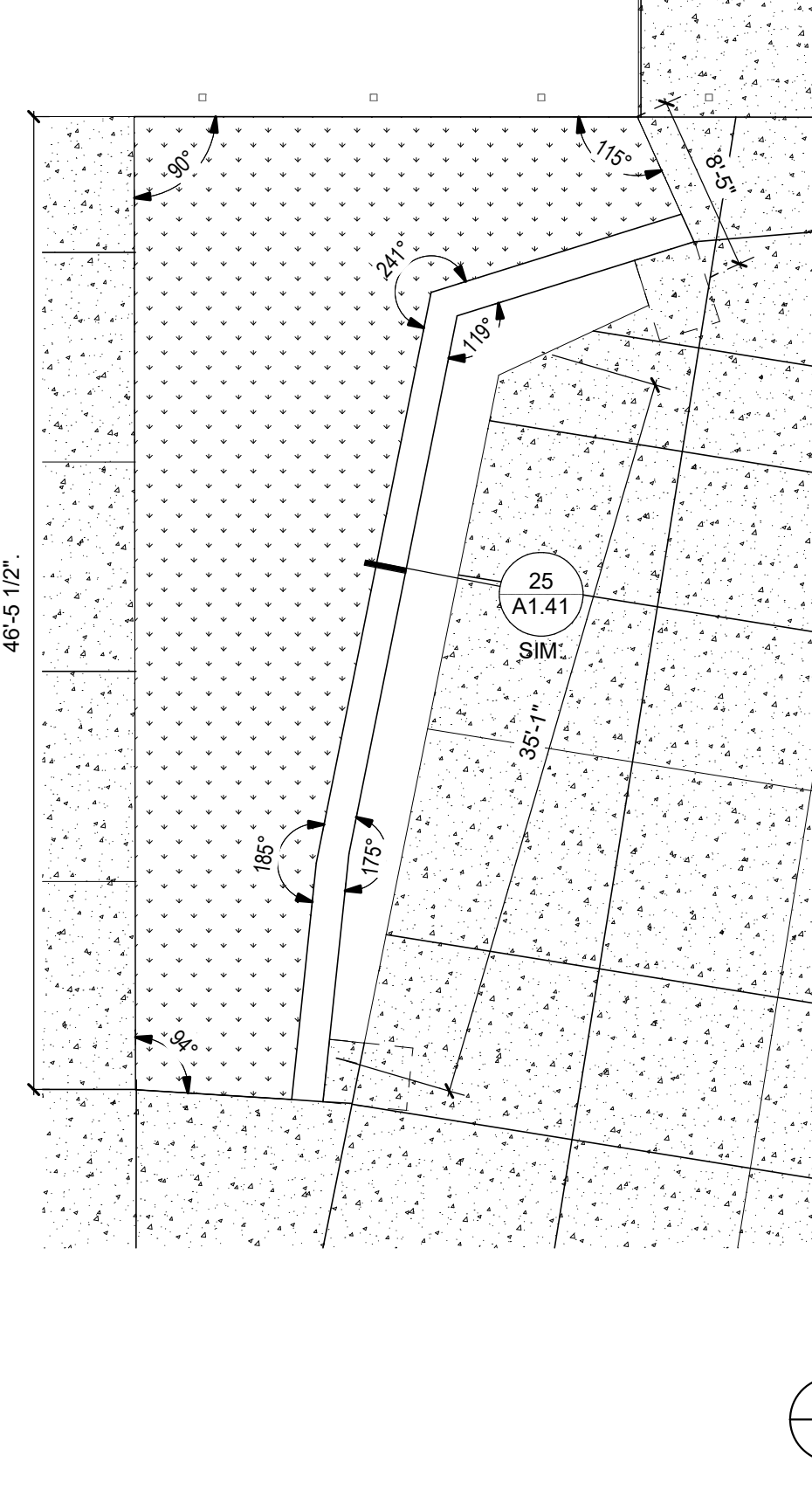
ENLARGED SITE PLAN - OUTDOOR GATHERING SPACE A **19**
1/8" = 1'-0"



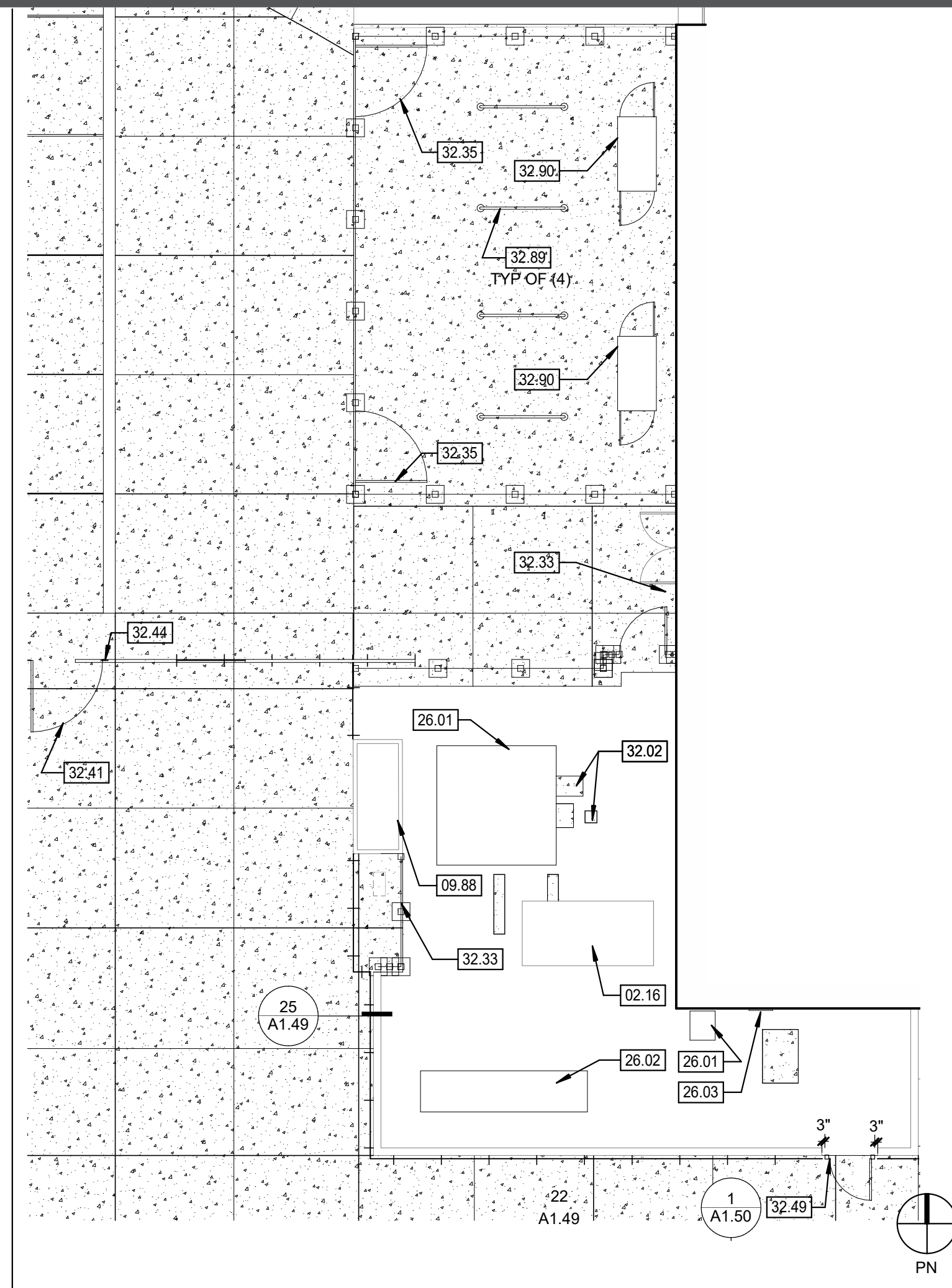
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1/8" = 1'-0"



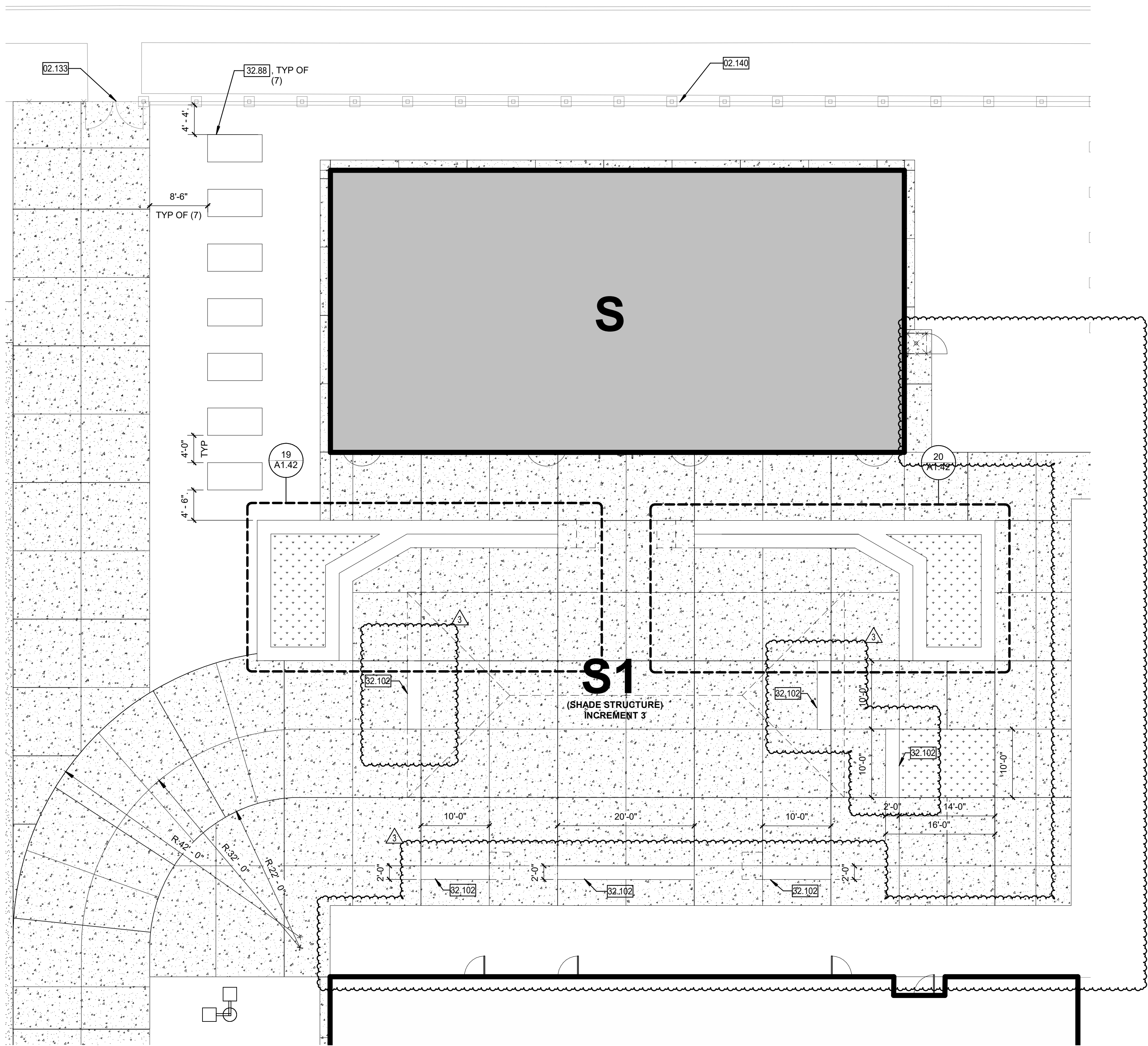
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1/8" = 1'-0"



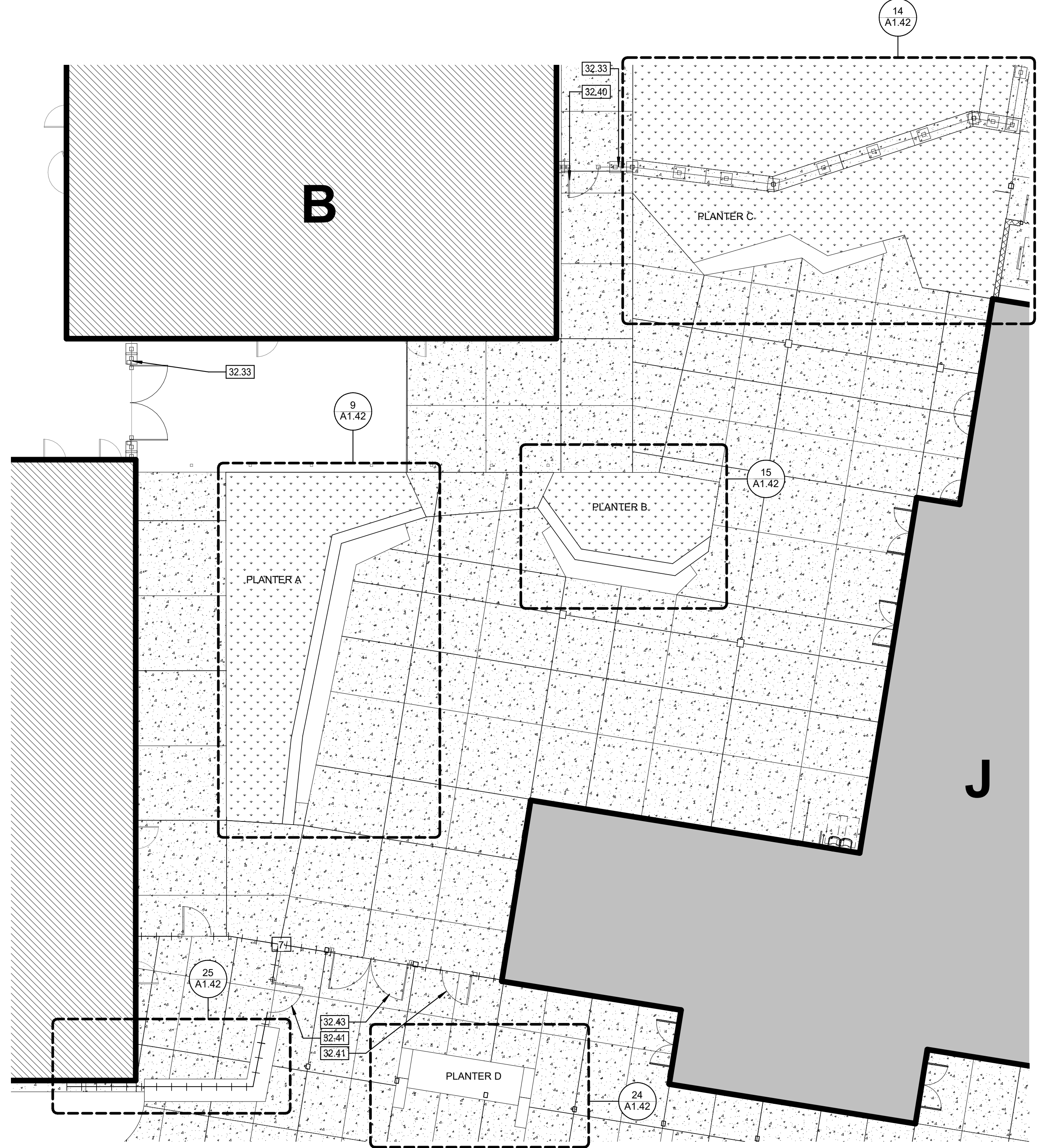
ENLARGED SITE PLAN - PLANTER A **9**
1/8" = 1'-0"



ENLARGED SITE PLAN - ELECTRICAL VEHICLE CHARGING STATIONS **4**
1" = 10'-0"



ENLARGED SITE PLAN - OUTDOOR GATHERING SPACE **11**
1" = 10'-0"



ENLARGED SITE PLAN - AMPITHEATRE **1**
1" = 10'-0"

AGENCY APPROVAL:



HMC Architects

3431007000

2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA 95816
916 368 7990 / www.hmcarchitects.com

ISSUE	DESCRIPTION	DATE
1	ADDENDUM 1	06/13/2025
3	ADDENDUM 3	07/07/2025

LEGEND	
---	PROPERTY LINE
---	ASSUMED PROPERTY LINE
---	OVERHANG LINE ABOVE
---	8'-0" TALL CHAIN LINK FENCE; POSTS SHOWN ARE DIAGRAMMATIC.
---	(E) CHAIN LINK FENCE; POSTS SHOWN ARE DIAGRAMMATIC.
---	4'-0" TALL ORNAMENTAL METAL FENCE; POSTS SHOWN ON PLANS ARE DIAGRAMMATIC.
---	7'-0" TALL ORNAMENTAL METAL FENCE; POSTS SHOWN ON PLANS ARE DIAGRAMMATIC.
---	7'-0" TALL CUSTOM PERFORATED METAL PLATE WALL PANEL (SEE 16/A1.50 FOR PATTERN) FENCE; POSTS SHOWN ON PLANS ARE DIAGRAMMATIC.
---	NEW FIRE LANE
X	NEW BUILDING
X	INCREMENT #3 BUILDINGS H1 & H2 AND BUILDING S
X	INCREMENT #4 BUILDING J
X	FUTURE INCREMENT
---	INCREMENT 2 AREA OF MODERNIZATION TO EXISTING BUILDING
---	EXPANSION JOINT
---	CONCRETE JOINT
---	ASPHALT CONCRETE PAVING
---	LANDSCAPE SEE LANDSCAPE PLANTING PLANS
---	FIRE HYDRANT
---	TRUNCATED DOMES

KEYNOTES	
02.16	(E) ELECTRICAL TO REMAIN; PROTECT IN PLACE ELEC
02.133	(E) CHAINLINK DOUBLE GATE
02.140	(E) DECORATIVE METAL FENCE
09.88	PAINT WOOD STORAGE SHED COLOR TO BE APPROVED BY OWNER
26.01	TRANSFORMER ELEC
26.02	SWITCHBOARD ELEC
26.03	ELEC PANEL ELEC
32.02	CONCRETE PAVING CIVIL
32.15	CONCRETE WALL BENCH
32.33	7'-0" H DECORATIVE METAL FENCING, SEE 1/A1.47
32.35	4'-0" W X 7'-0" H DECORATIVE METAL GATE WITH KNOX LOCK, KNOX LOCK PER LOCAL FIRE AUTHORITY STANDARDS. PROVIDE EXIT HARDWARE
32.40	4'-0" WIDTH X 7'-0" TALL DECORATIVE METAL GATE EQUIPPED WITH EXIT HARDWARE
32.41	4'-0" WIDTH X 7'-0" PERFORATED METAL PLATE WALL PANEL GATE EQUIPPED WITH EXIT HARDWARE
32.43	PE OF 4'-0" WIDTH X 7'-0" TALL FORMED METAL GATE EQUIPPED WITH EXIT HARDWARE
32.44	7'-0" CUSTOM PERFORATED METAL PLATE WALL PANEL FENCING
32.49	4'-0" WIDTH X 6'-0" TALL FORMED METAL GATE
32.88	4'-0" X 8'-0" PLANTER BOX, SEE LANDSCAPE DWGS
32.89	BIKE RACK, SEE 12/A1.49
32.90	BIKE LOCKER, "STANDARD CYCLOCKER 2176-2-C", ANCHOR WITH 1/2" DIA. BY 5" ANCHOR SPIKES PER MANUFACTURER. SPACING AND LAYOUT PER MANUFACTURER
32.100	33" X 48" ACCESSIBLE WHEELCHAIR SPACE, (MAX OF 2% SLOPE IN ANY DIRECTION)
32.101	36" X 48" ACCESSIBLE WHEELCHAIR SPACE (MAX SLOPE OF 2% IN ANY DIRECTION)
32.102	PRECAST CONCRETE SEAT WALL

FACILITY:
LODI MIDDLE SCHOOL
945 SOUTH HAM LANE Lodi, CA 95242

PROJECT:
LODI MIDDLE SCHOOL ADDITIONS AND MODERNIZATION INCREMENT 1
SHEET NAME:
ENLARGED SITE PLAN - OUTDOOR GATHERING SPACES

CONSTRUCTION DOCUMENTS

DATE: 2025.03.11 CLIENT PROJ NO: 3431007000
SHEET:

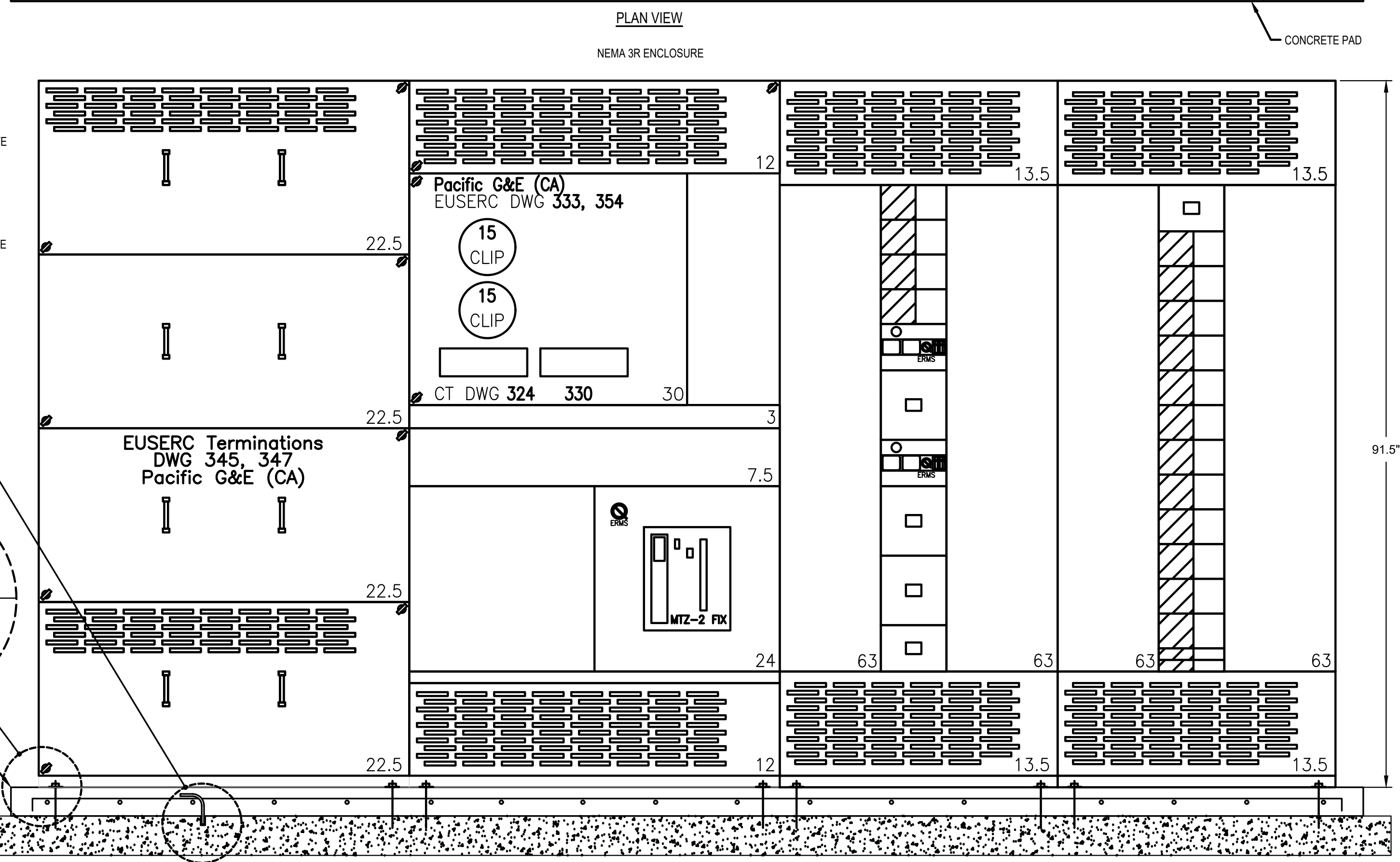
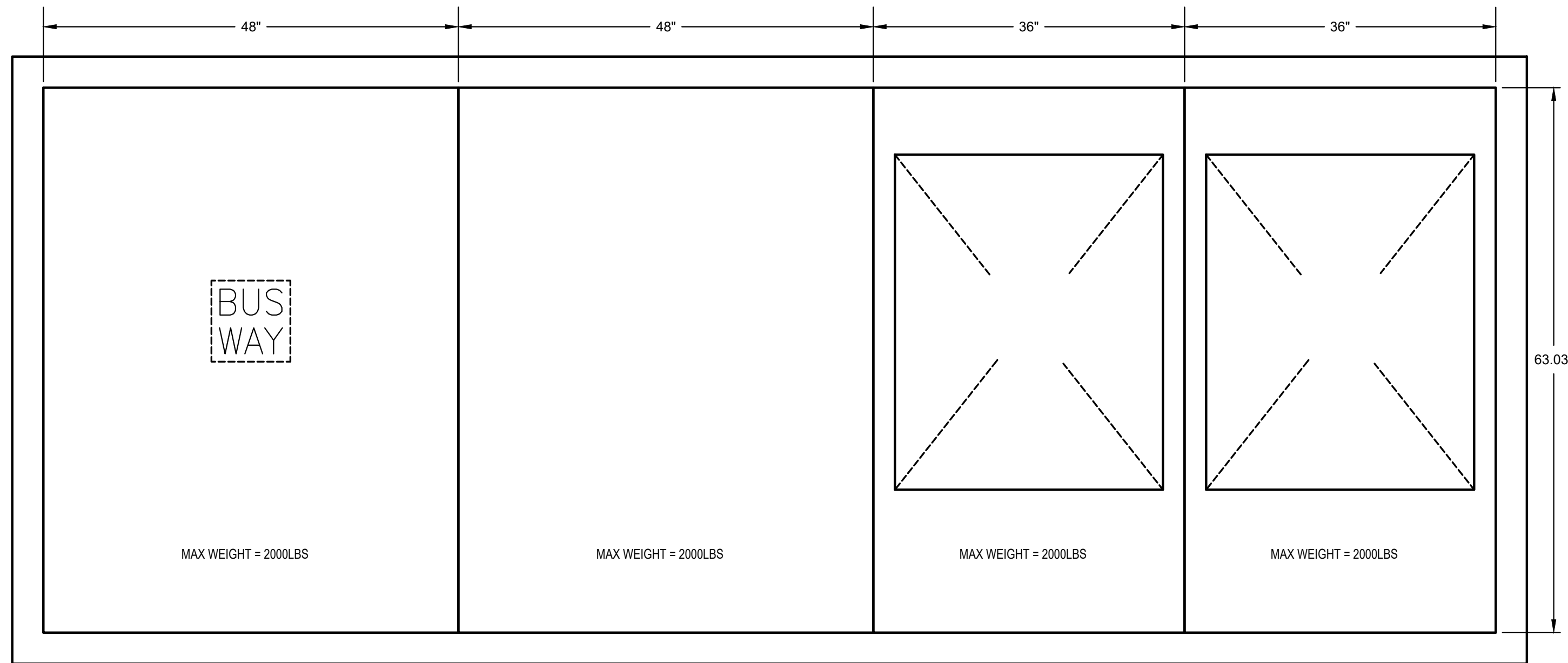
Autodesk Docs\3431007000 Lodi MS Additions\3431007000-LODI-MS-ADDITONS.rvt
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PLEASE RECYCLE

ALL LINES SHOWN ABOVE E-1
EXCEPT WHERE SHOWN OTHERWISE
SHOWN ORIGINAL PAGE 2 OF 2

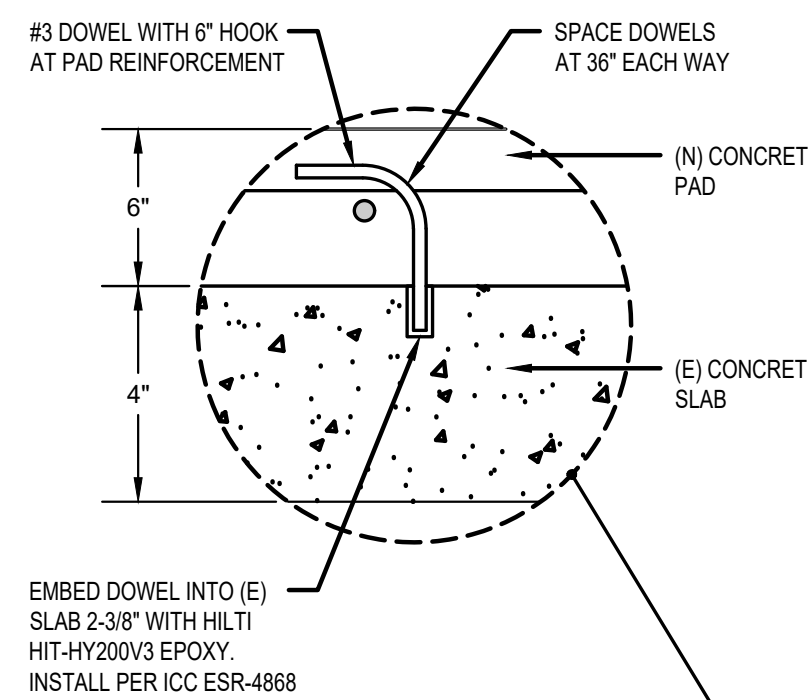
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22/02/2022 2:15:27 PM



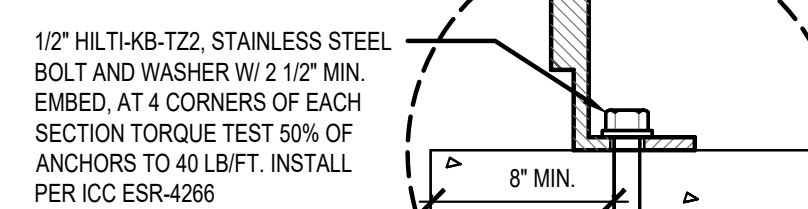
MSB PLAN VIEW AND ELEVATION

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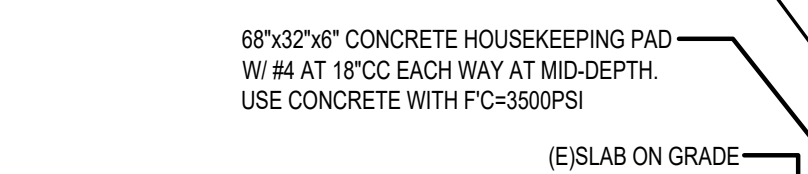
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E0.2



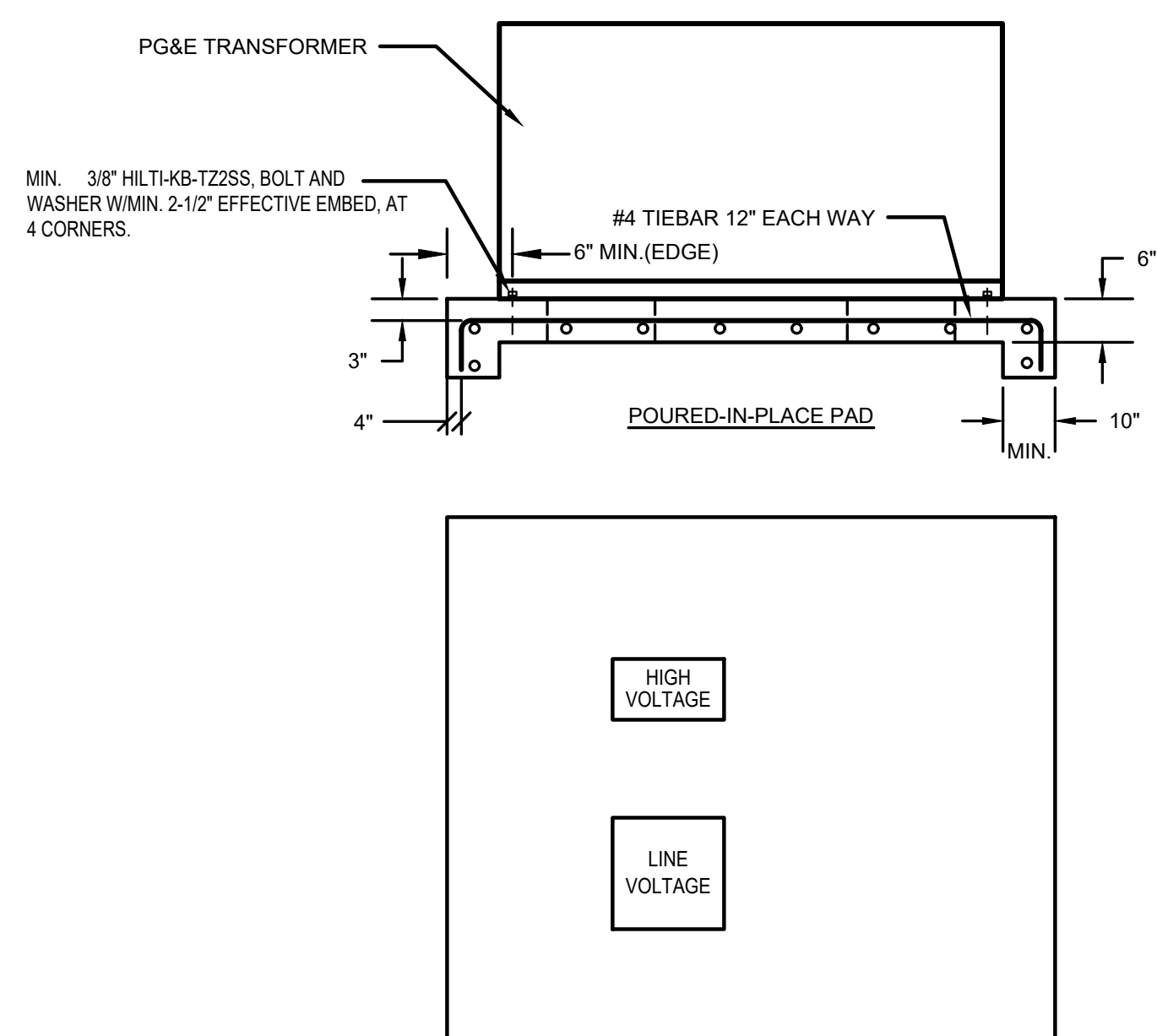
EMBED DOWEL INTO (E) SLAB 2-3/8\"/>



PER ICC ESR-4266



(E) SLAB ON GRADE



MINIMUM PAD SIZE: STYLE III-LB PAD 96\"/>

PAD SHALL CONFORM TO ALL REQUIREMENTS OF UTILITY "PG&E". THE CONTRACTOR SHALL CONSTRUCT THE PAD PER THE CONSTRUCTION DETAILS FOR STYLE III-LB PAD AS SPECIFIED IN THE PG&E GREEN BOOKS "CONCRETE PAD FOR THREE PHASE, LOOP-STYLE PAD-MOUNTED TRANSFORMERS" SECTION. REFER TO PG&E CONTRACTOR DOCUMENTS FOR FINAL REQUIREMENTS.

PGE TRANSFORMER PAD DETAIL

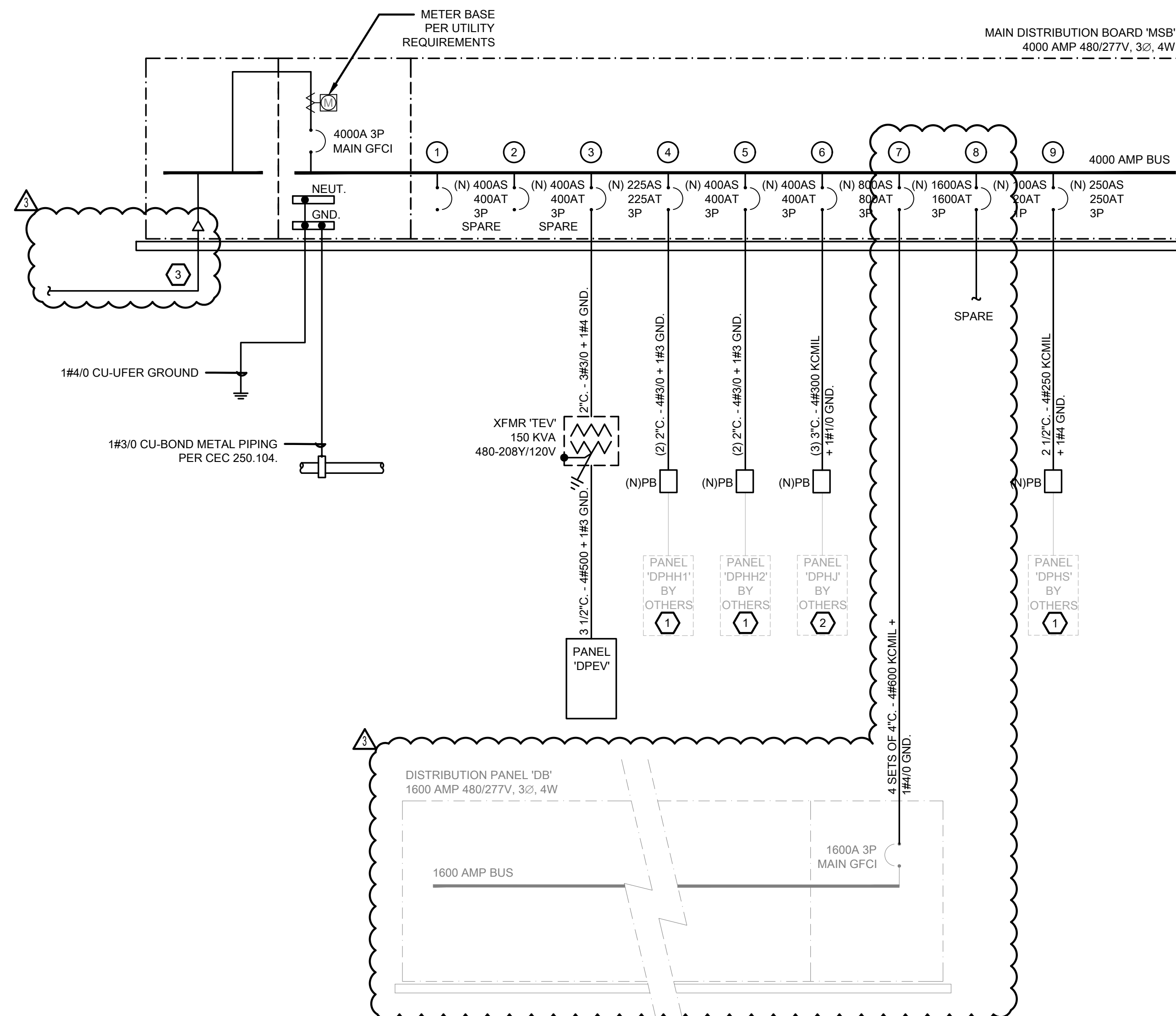
SCALE : NO SCALE

4
E0.2

TRANSFORMER GROUNDING DETAIL

SCALE : NO SCALE

3
E0.2



ONE LINE DIAGRAM

SCALE : NO SCALE

1
E0.2

PANELBOARD SCHEDULE - PANEL DPEV												Located at Site			
DESIGNATION	FEEDER NO.	POLES & AMPS	LOAD VA		OTHER	C	P	H	C	K	LOAD VA		POLES & AMPS	FEEDER NO.	DESIGNATION
			LTG.	RECP.							LTG.	RECP.			
EVCS	3	2/60			4992	1	A		2		4992	2/60	3	EVCS	
EVCS	3	2/60			4992	3	B		4		4992	2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60			4992	5	C		6		4992	2/60	3	EVCS	
FUTURE EVCS	3	2/60			4992	7	A		8		4992	2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60			4992	9	B		10		4992	2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				11	C		12			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				13	A		14			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				15	B		16			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				17	C		18			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				19	A		20			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				21	B		22			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				23	C		24			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				25	A		26			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				27	B		28			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				29	C		30			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				31	A		32			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				33	B		34			2/60	3	FUTURE EVCS	
FUTURE EVCS	3	2/60				35	C		36			2/60	3	FUTURE EVCS	
MARQUEE SIGN	2	1/20	1500			37	A		38	360		1/20	1	RECEPTACLE	
SPARE	1	1/20				39	B		40			1/20	1	SPARE	
SPARE	1	1/20				41	C		42			1/20	1	SPARE	
SECTION SUB-TOTALS			1500	0	19968					0	360	19968	SECTION SUB-TOTAL		

CATEGORY	CONN. LOAD		DESIGN LOAD		MOUNTING	SURFACE
	KVA	AMPS	KVA	AMPS		
LIGHTING:	1.5	4.2	1.25	1.9	5.2	
RECEPTACLE	0.4	1.0	1.00	0.4	1.0	
MOTORS	0.0	0.0	1.00	0.0	0.0	
SPECIAL LOADS	0.0	0.0	1.00	0.0	0.0	
ELECTRIC HEATING:	0.0	0.0	1.00	0.0	0.0	
WATER HEATING:	0.0	0.0	1.00	0.0	0.0	
BVS/ELECTRIC	39.9	111.0	1.25	49.9	138.7	
TOTAL:	41.8	116.2	52.2	144.9		

PHASEWARE:	3/4
MAINS SIZE	400 AMPS
MAINS TYPE	M.O.
BUS TYPE	COPPER
BREAK TYPE	BOLT-IN
A.I.C. (RMS)	65,000
A phase	16.8 Connected Kva
B phase	15.0 Connected Kva
C phase	15.0 Connected Kva

REMARKS:
(1) NEW LOAD WITH EXISTING BREAKER
(2) NEW LOAD WITH NEW BREAKER

FEEDER NO.:
1 = 2 #12, #12G - 1/2" C
2 = 2 #10, #10G - 3/4" C
3 = 2 #3, #6G - 1" C
4 = 1" C

VOLTAGE DROP CALCULATION

CEC 215.2(A)(3) FPN No. 2

3 PHASE FORMULA:

$$VD = \frac{\sqrt{3} \cdot L \cdot R \cdot A}{1000}$$

$$\%VD = \frac{VD \cdot 100}{V}$$

1 PHASE FORMULA:

$$VD = \frac{2 \cdot L \cdot R \cdot A}{1000}$$

$$\%VD = \frac{VD \cdot 100}{V}$$

PANEL - OKT	DISTANCE (FT)	AMPS	VOLTAGE	CONDUCTOR TYPE	PHASE	WIRE SIZE	CONDUIT	IMPEDANCE: OHMS/FT	VD	%VD
SITE LIGHTINGS	376	7.00	277	CU	1	#10	PVC	1.100	5.79	2.09%
EV CHARGERS	230	48.00	208	CU	1	#3	PVC	0.230	5.08	2.44%
DPH#1	131	320.00	480	CU	3	2 #3/0	PVC	0.044	3.19	0.67%
DPH#2	336	320.00	480	CU	3	2 #3/0	PVC	0.044	8.19	1.71%
DPH#3	316	640.00	480	CU	3	3 #3/0	PVC	0.019	6.82	1.42%

1. CONDUCTOR IMPEDANCE VALUES BASED ON CEC CHAPTER 9 TABLE 9 - EFFECTIVE IMPEDANCE FOR UNCOATED COPPER WIRES IN PVC OR STEEL CONDUIT @ 0.85 PF (OHM/KFT)
2. PER CEC 210.19(A)(1) FPN NO. 4: BRANCH CIRCUITS ARE ALLOWED 3% VOLTAGE DROP AND THE MAXIMUM TOTAL VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST OUTLET DOES NOT EXCEED 5%

LOAD CALCULATIONS

EXISTING SERVICE CAPACITY	1600A	480V 3PH
EXISTING LOADS		
FROM UTILITY BILL (7/23-7/24)		510,100.0 VA
25% OF EXISTING LOADS		127,525.0 VA
NEW LOAD		
(1) GYM BLDG J WITH KITCHEN 775KW @480V (3D)		775,000.0 VA
(1) CR BLDG H 400KW @480V (3D)		400,000.0 VA
(21) EV CHARGERS 9.984KW @480V (1D)		209,664.0 VA
(1) NEW HVAC UPGRADES 593KW @480V (3D)		593,000.0 VA
(1) NEW SCIENCE CR UPGRADE 73KW @480V (3D)		73,000.0 VA
TOTAL LOADS		= 2,688,289.0 VA
AMPS AT 480/277V 3PH		= 3,233.5 AMPS
+15% SPARE CAPACITY		= 485.0 AMPS
TOTAL		= 3,718.5 AMPS
THE EXISTING 1600A 480/277V SERVICE		
NEEDS TO BE UPGRADED TO 4000A 480/277V 3PH SERVICE		

AGENCY APPROVAL:



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ISSUE

DESCRIPTION	DATE
1. ADDENDUM #3	07/07/2025

KEYNOTES

- PANEL EQUIPMENT IS PROVIDED BY BUILDING MANUFACTURER IN INCREMENT 3.
- PANEL EQUIPMENT IS PROVIDED BY BUILDING MANUFACTURER IN INCREMENT 4.
- COORDINATE BUS DUCTING REQUIREMENT WITH UTILITY SERVICE PROVIDER.

NOTES



DATE SIGNED: 07-07-2025

FACILITY:
LODI MIDDLE SCHOOL
945 SOUTH HAM LANE Lodi, CA 95242

PROJECT:
LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION
Author
SHEET NAME:
ELECTRICAL ONE-LINE DIAGRAM

CONSTRUCTION DOCUMENTS

DATE: 03/11/2025
CLIENT PROJ NO: 3431007000
SHEET:

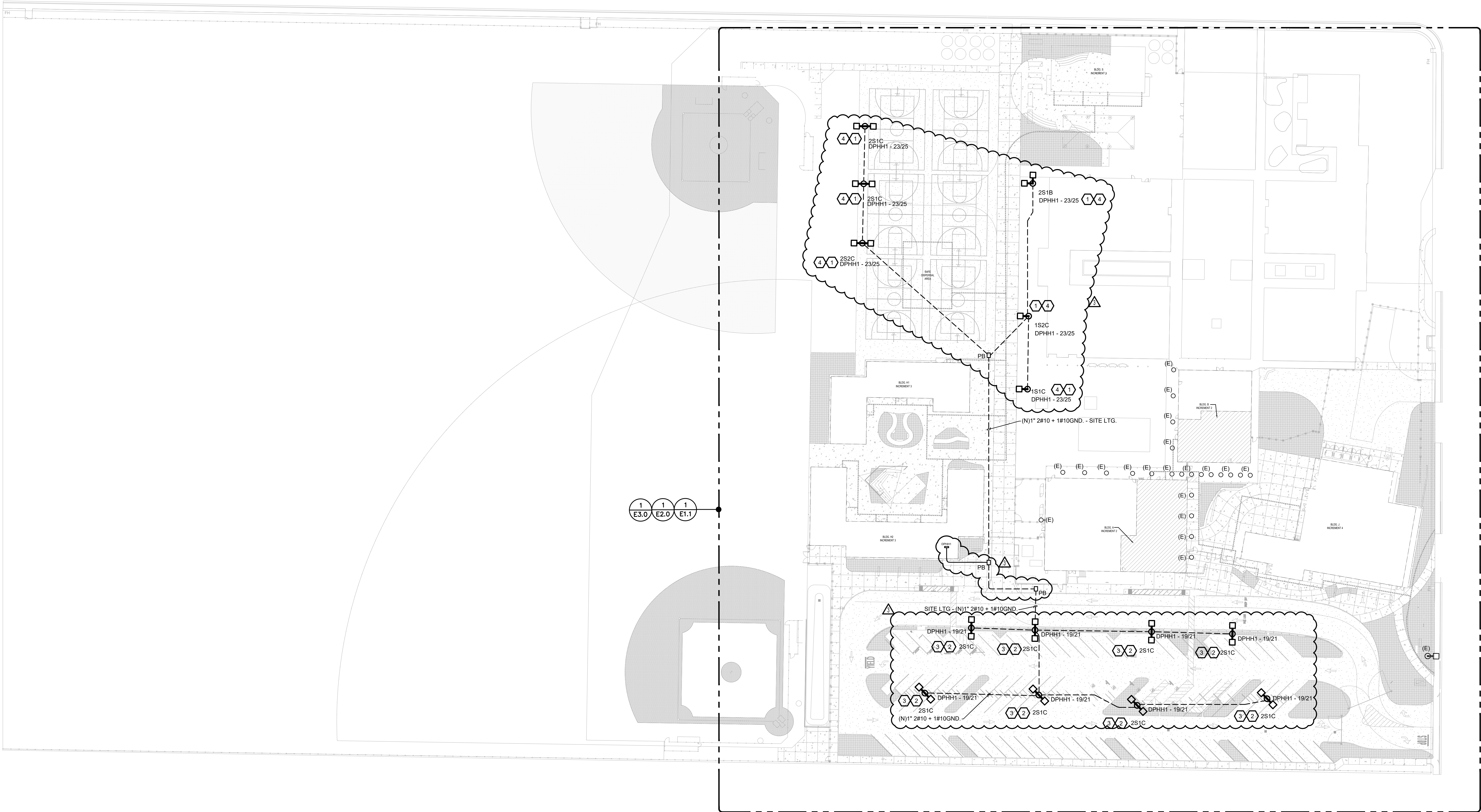
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AD3.11

PLEASE RECYCLE

FILE NAME: LODI MIDDLE SCHOOL ADDITIONS AND MODERNIZATION - LIGHTING SITE PLAN
DATE: 07/07/2025
SHEET: 1 OF 1

Autodesk Docs 12/10/2024 12:10 PM
Autodesk Docs 12/10/2024 12:10 PM
Autodesk Docs 12/10/2024 12:10 PM



LIGHTING SITE PLAN

SCALE : 1"=40'-0"

1
E1.1

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	LAMPS	VOLTS	WATTS	COLOR	LUMENS	MOUNTING	NOTES
1S1C	SINGLE 15' POLE LIGHT	LITHONIA LIGHTING DSX1 LED P3 40K 80CRI T2M MVOLT SPA	LED	MVOLT	102	4K	13055	POLE	1
2S1C	180° DUAL 15' POLE LIGHT	LITHONIA LIGHTING DSX1 LED P3 40K 80CRI T2M MVOLT SPA	LED	MVOLT	204	4K	13055	POLE	1
2S1B	90° DUAL 15' POLE LIGHT	LITHONIA LIGHTING DSX1 LED P3 40K 80CRI T2M MVOLT SPA	LED	MVOLT	204	4K	13055	POLE	1
1S2C	SINGLE 15' POLE LIGHT	LITHONIA LIGHTING DSX2 LED P6 40K 80CRI T4M MVOLT SPA	LED	MVOLT	342	4K	45563	POLE	1
2S2C	90° DUAL 15' POLE LIGHT	LITHONIA LIGHTING DSX2 LED P6 40K 80CRI T4M MVOLT SPA	LED	MVOLT	684	4K	45563	POLE	1

NOTES:

- 1 COORDINATE FINAL MOUNTING HEIGHT IN FIELD WITH ARCHITECT.

GENERAL NOTES:

- A. THIS LIGHTING SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING ELECTRICAL SPECIFICATIONS. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.
- B. PROVIDE SUBMITTALS THAT INCLUDE LIGHTING FIXTURE, LAMP, AND DRIVER INFORMATION FOR EACH FIXTURE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.
- C. PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH CALIFORNIA TITLE 24 COMMISSIONING REQUIREMENTS.
- D. COORDINATE COLOR TEMPERATURE WITH ARCHITECT.

AGENCY
APPROVAL:



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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM #3	07/07/2025

KEYNOTES

- 1 REFER TO DETAIL 5 SHEET E0.3.
- 2 REFER TO DETAIL 8 SHEET E0.3.
- 3 ROUTE EXTERIOR LIGHTING TO LIGHTING CONTROL PANEL IN BUILDING H. COORDINATE WITH MODULAR BUILDING CONTRACTOR PRIOR ROUGH-IN. USE CIRCUIT DPHH1-19/21 FOR EXTERIOR LIGHTING CIRCUIT.
- 4 ROUTE EXTERIOR LIGHTING TO LIGHTING CONTROL PANEL IN BUILDING H. COORDINATE WITH MODULAR BUILDING CONTRACTOR PRIOR ROUGH-IN. USE CIRCUIT DPHH1-23/25 FOR EXTERIOR LIGHTING CIRCUIT.

NOTES



RANCHO CORDOVA, CALIFORNIA
JG - JSG 240047.00
PM - DESIGN TEAM PROJECT NO.

DATE SIGNED: 07-07-2025

FACILITY:

LODI MIDDLE SCHOOL
945 SOUTH HAM LANE LODI, CA 95242

PROJECT:

LODI MIDDLE SCHOOL ADDITIONS AND MODERNIZATION

Author

SHEET NAME:

LIGHTING SITE PLAN

CONSTRUCTION DOCUMENTS

DATE: 03/11/2025

CLIENT PROJ NO: 3431007000

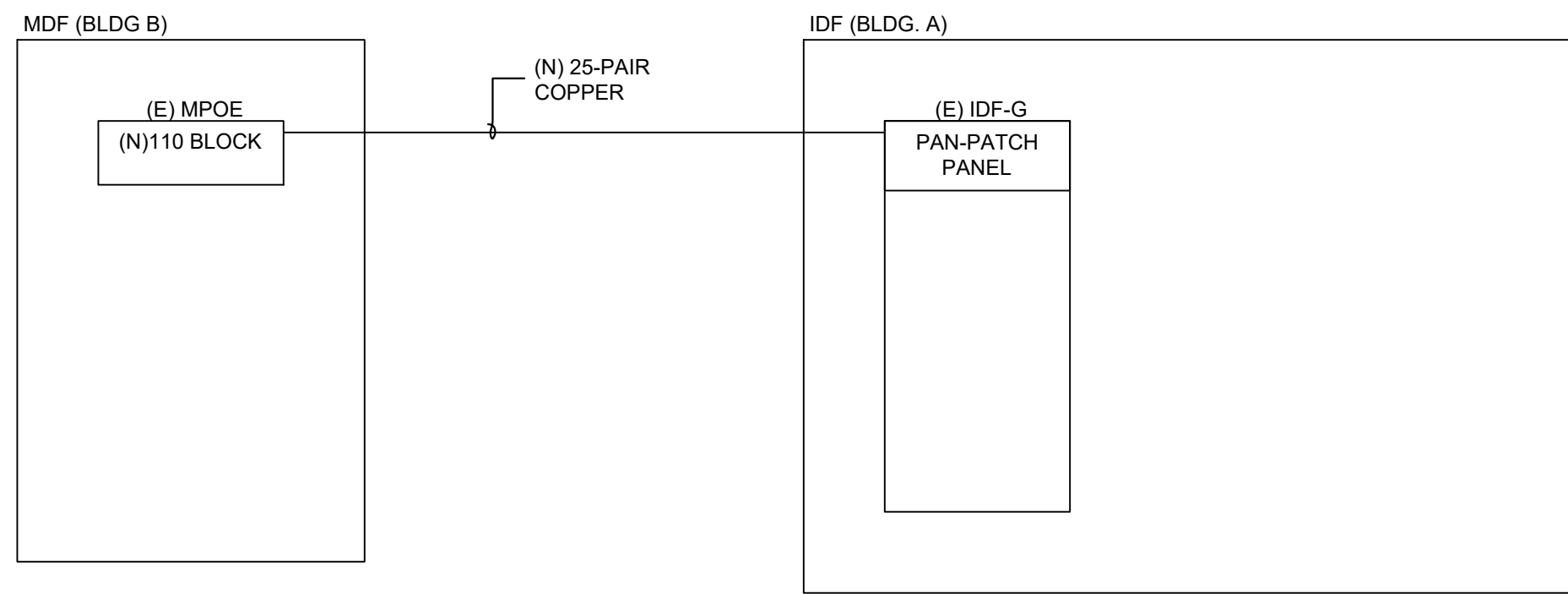
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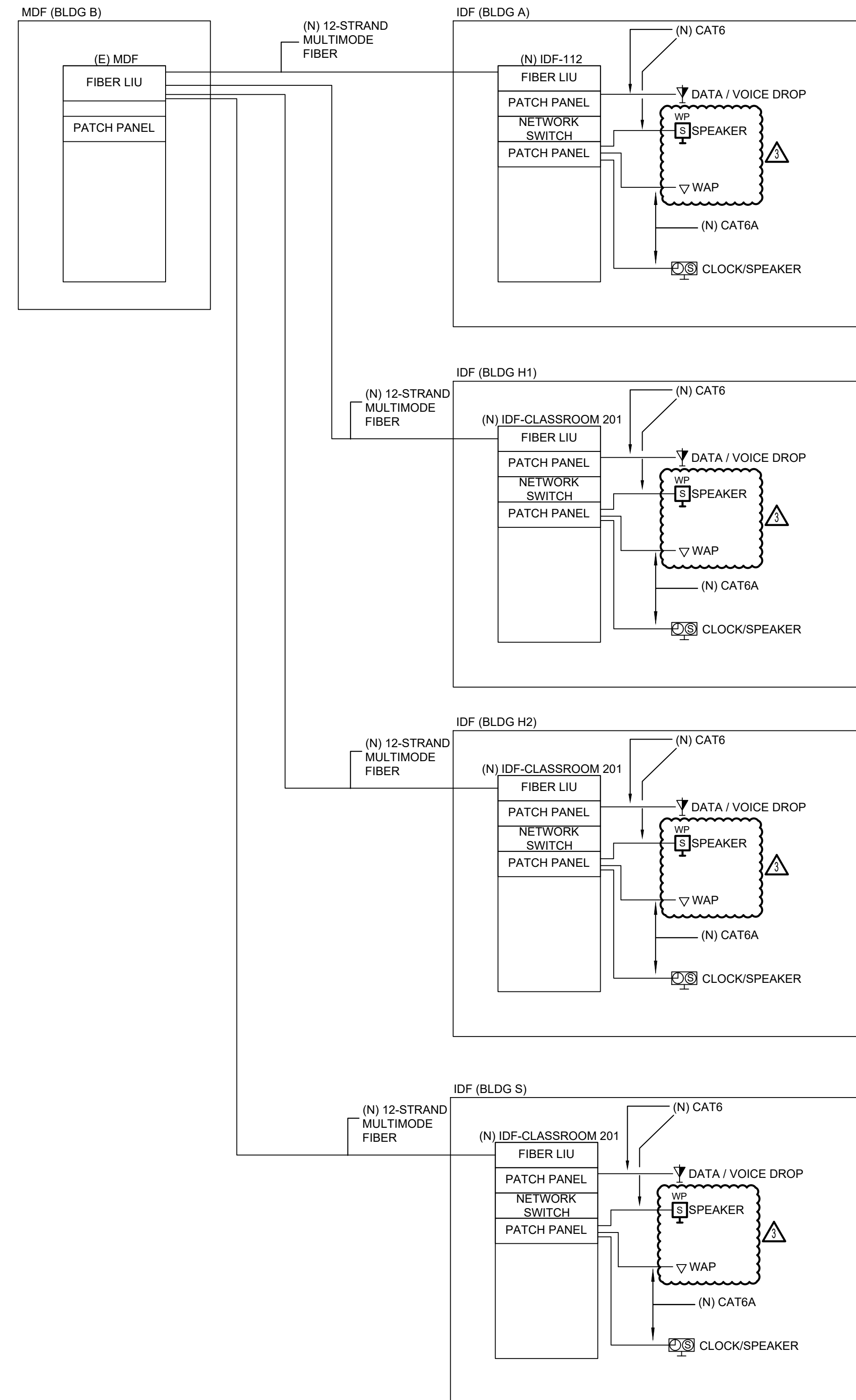
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CABLE ROUTING AND
SHEET TO ORIGINAL PAGE 0.01



25-PAIR COPPER ONE-LINE DIAGRAM

SCALE : NTS

2
T0.3-3



FIBER ONE-LINE DIAGRAM

SCALE : NTS

1
T0.3-3

AGENCY
APPROVAL:



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ISSUE

DESCRIPTION	DATE
1 ADDENDUM #3	07/07/2025

KEYNOTES

NOTES



RANCHO CORDOVA, CALIFORNIA
JG - JSG 240047.00
PM - DESIGN TEAM PROJECT NO.

DATE SIGNED: 07-07-2025

FACILITY:
LODI MIDDLE SCHOOL
945 SOUTH HAM LANE LODI, CA 95242

PROJECT:
LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION
Author
SHEET NAME:
TECHNOLOGY ONE-LINE DIAGRAM

CONSTRUCTION DOCUMENTS

DATE: 03/12/2025 CLIENT PROJ NO: 3431007000
SHEET:

T0.3-3

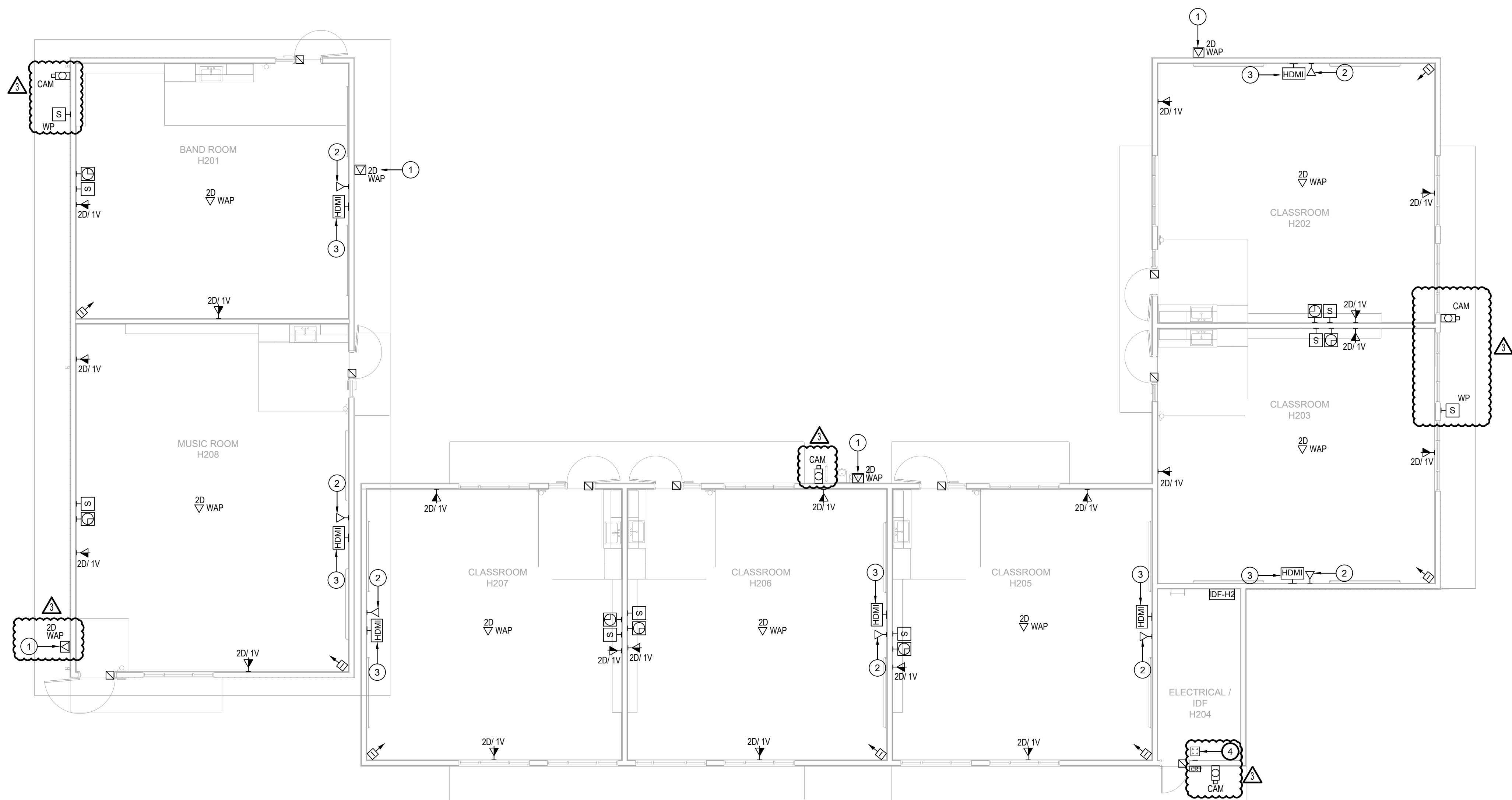
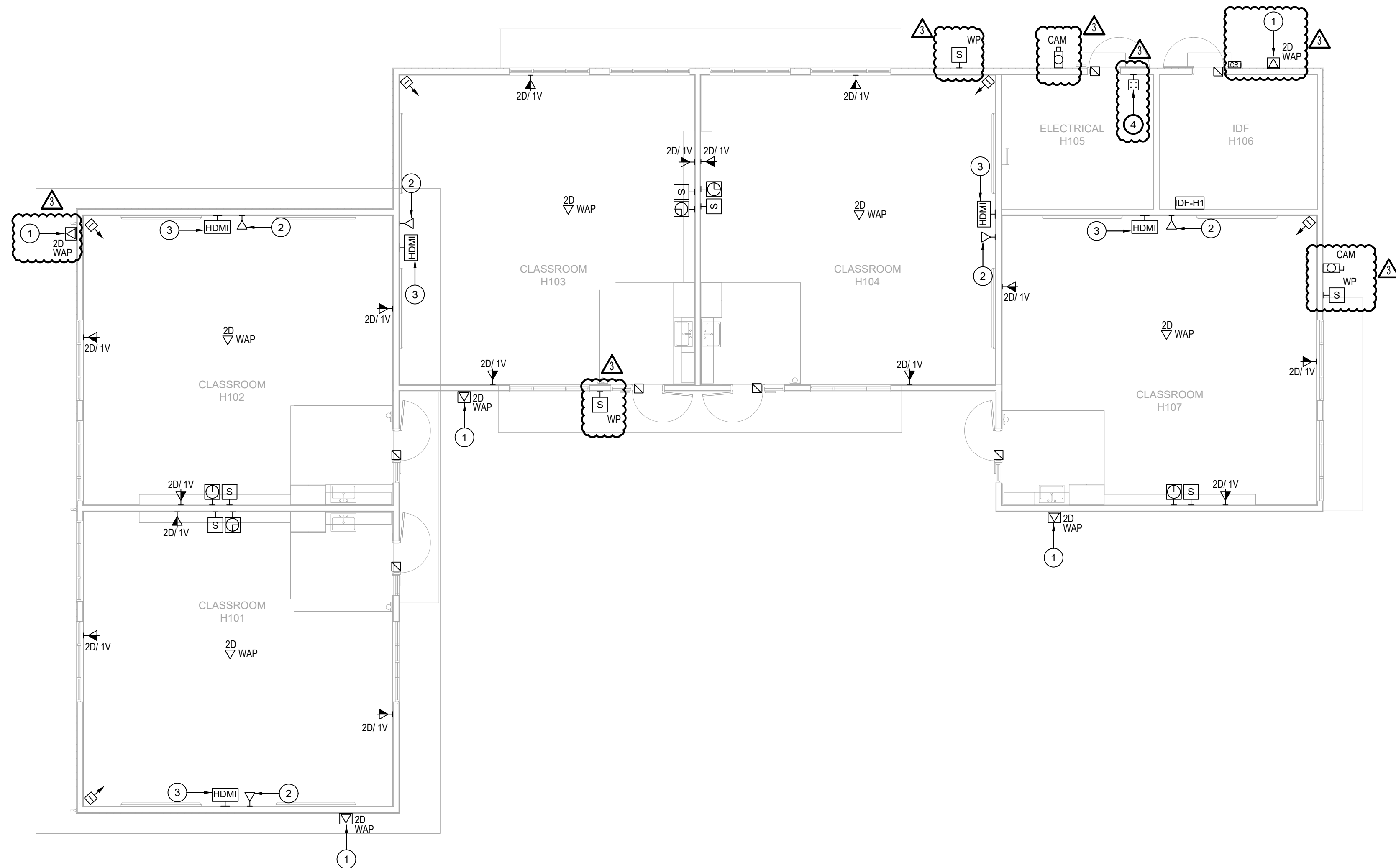
AD3.13

PLEASE RECYCLE

SEE LINES SHOWN ABOVE THIS SHEET FOR ORIGINAL PAGE 202

KEY NOTES:

- 1 PROVIDE WEATHERPROOF ENCLOSURE FOR WAP.
- 2 PROVIDE ONE (1) DATA DROP 20" BELOW FROM THE CEILING.
- 3 PROVIDE HDMI RECEPTACLE / FACEPLATE MOUNTED BELOW THE DISPLAY 14" ABOVE THE FLOOR.
- 4 PROVIDE NEW INTRUSION KEYPAD, NEW CABLING, AND ALL NECESSARY ACCESSORIES AND HARDWARE FOR A FULLY FUNCTIONAL AND OPERATIONAL SYSTEM.



TECHNOLOGY FLOOR PLAN - BLDG H

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

1
TH2.11-3

AGENCY
APPROVAL:



HMC Architects

3431007000

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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM #3	07/07/2025

KEYNOTES

NOTES



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TECHNOLOGY FLOOR PLAN - BLDG H

CONSTRUCTION DOCUMENTS

DATE: 03/12/2025 CLIENT PROJ NO: 3431007000
SHEET:

TH2.11-3

AD3.14

PLEASE RECYCLE

ALL LINES SHOWN ABOVE THIS
DATE: 03/12/2025
SHEET: 01 OF 01

KEY NOTES:

- 1 PROVIDE WEATHERPROOF ENCLOSURE FOR WAP.
- 2 PROVIDE ONE (1) DATA DROP 28" BELOW FROM THE CEILING.
- 3 PROVIDE HDMI RECEPTACLE / FACEPLATE MOUNTED BELOW THE DISPLAY 14" ABOVE THE FLOOR.
- 4 PROVIDE NEW INTRUSION KEYPAD, NEW CABLING, AND ALL NECESSARY ACCESSORIES AND HARDWARE FOR A FULLY FUNCTIONAL AND OPERATIONAL SYSTEM.

AGENCY
APPROVAL:



HMC Architects

3431007000

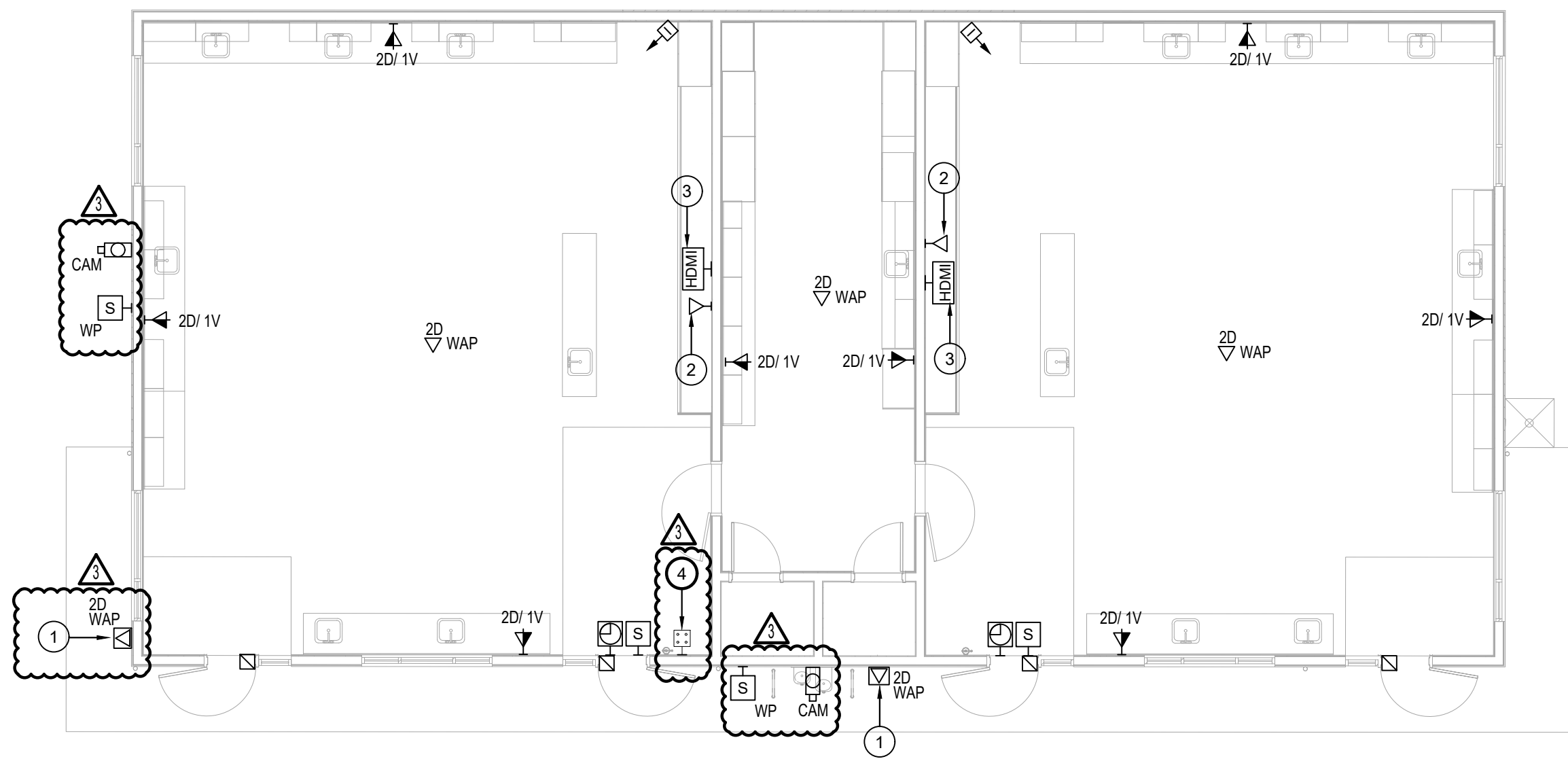
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Δ	DESCRIPTION	DATE
1	ADDENDUM #3	07/07/2025

KEYNOTES

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TECHNOLOGY FLOOR PLAN - BLDG S

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

1
TS2.11-3



DATE SIGNED: 07-07-2025

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945 SOUTH HAM LANE LODI, CA 95242

PROJECT:
LODI MIDDLE SCHOOL ADDITIONS AND
MODERNIZATION
Author
SHEET NAME:
TECHNOLOGY FLOOR PLAN - BLDG S

CONSTRUCTION DOCUMENTS

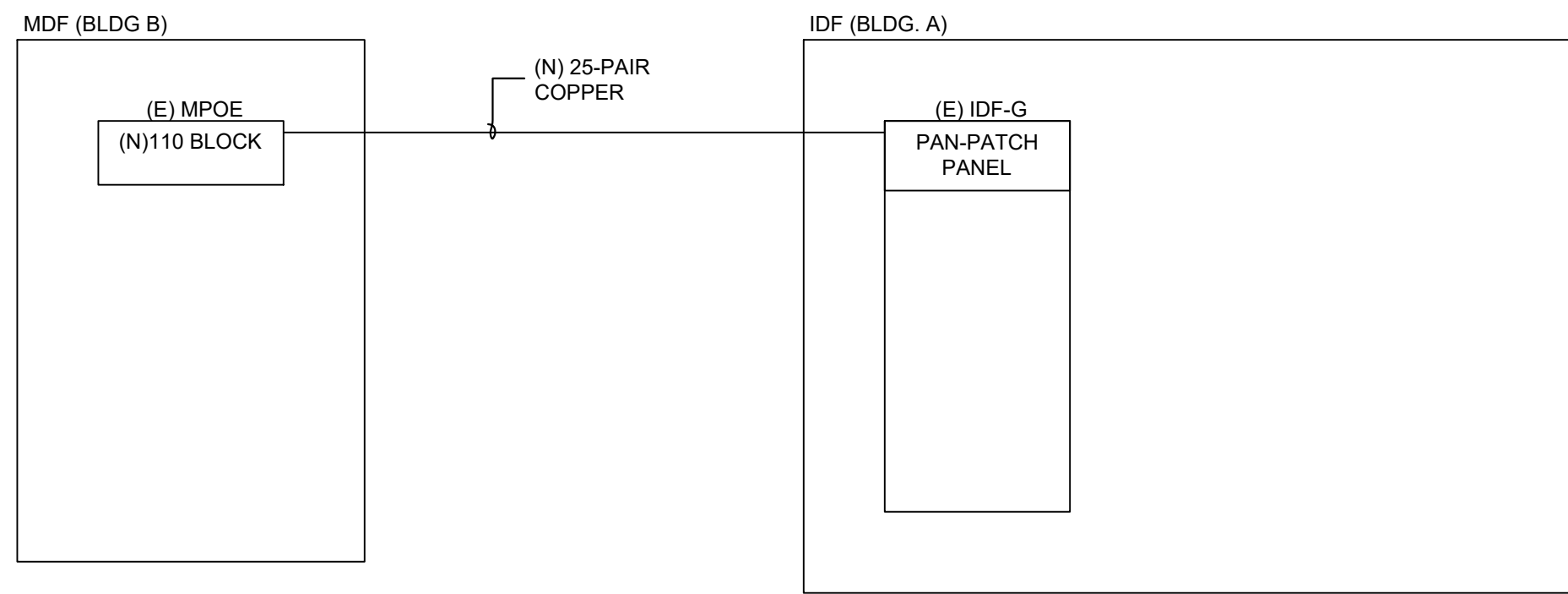
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SHEET:

TS2.11-3

AD3.15

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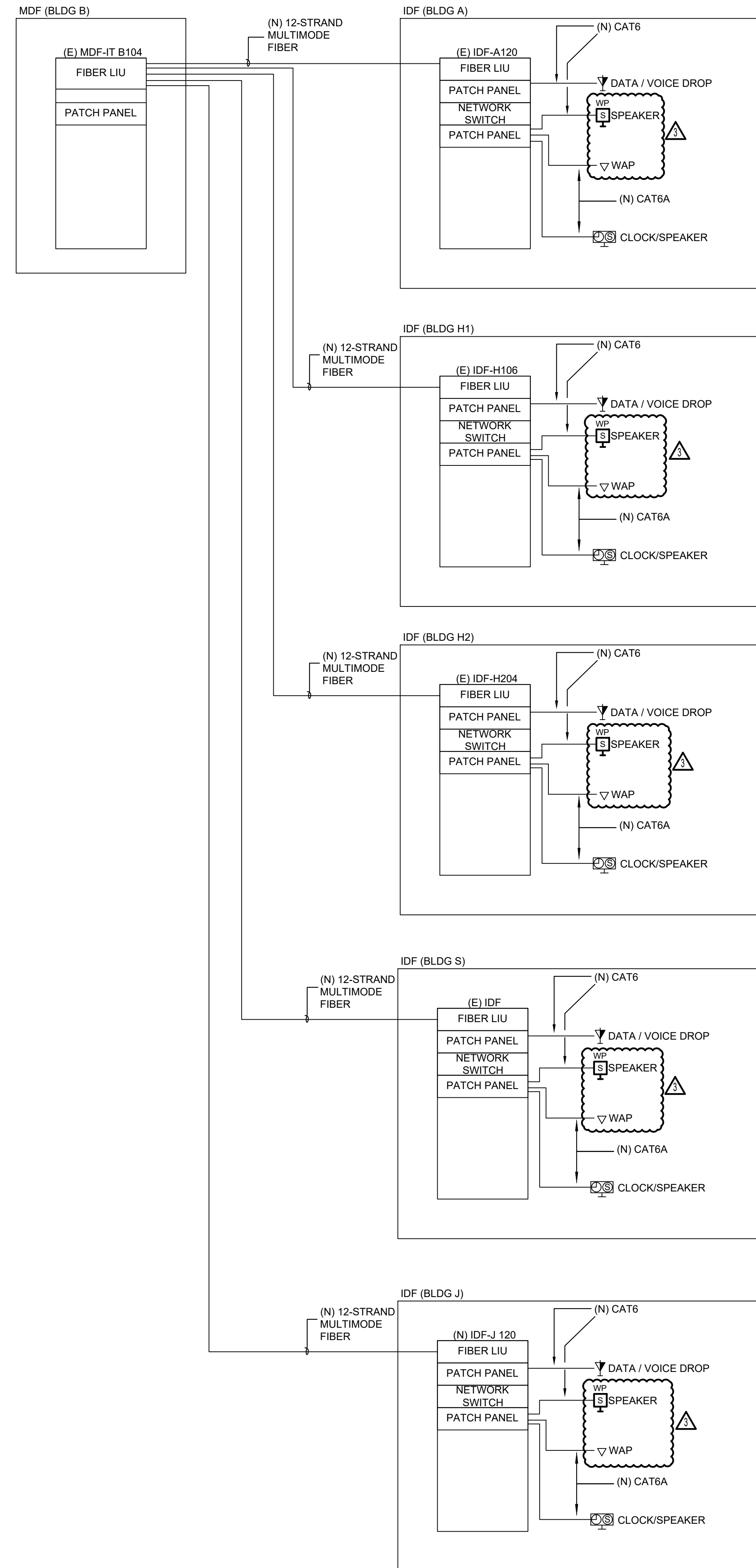
SEE LANE SHOWN ABOVE FOR
CABLE ROUTING AND SCHEDULING
SHEET T0.3-4, PAGE 2 OF 2



25-PAIR COPPER ONE-LINE DIAGRAM

SCALE : NTS

2
T0.3-4



FIBER ONE-LINE DIAGRAM

SCALE : NTS

1
T0.3-4

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1	ADDENDUM #3	07/07/2025

KEYNOTES

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RANCHO CORDOVA, CALIFORNIA
JG - JSG 240047.00
PM - DESIGN TEAM PROJECT NO.

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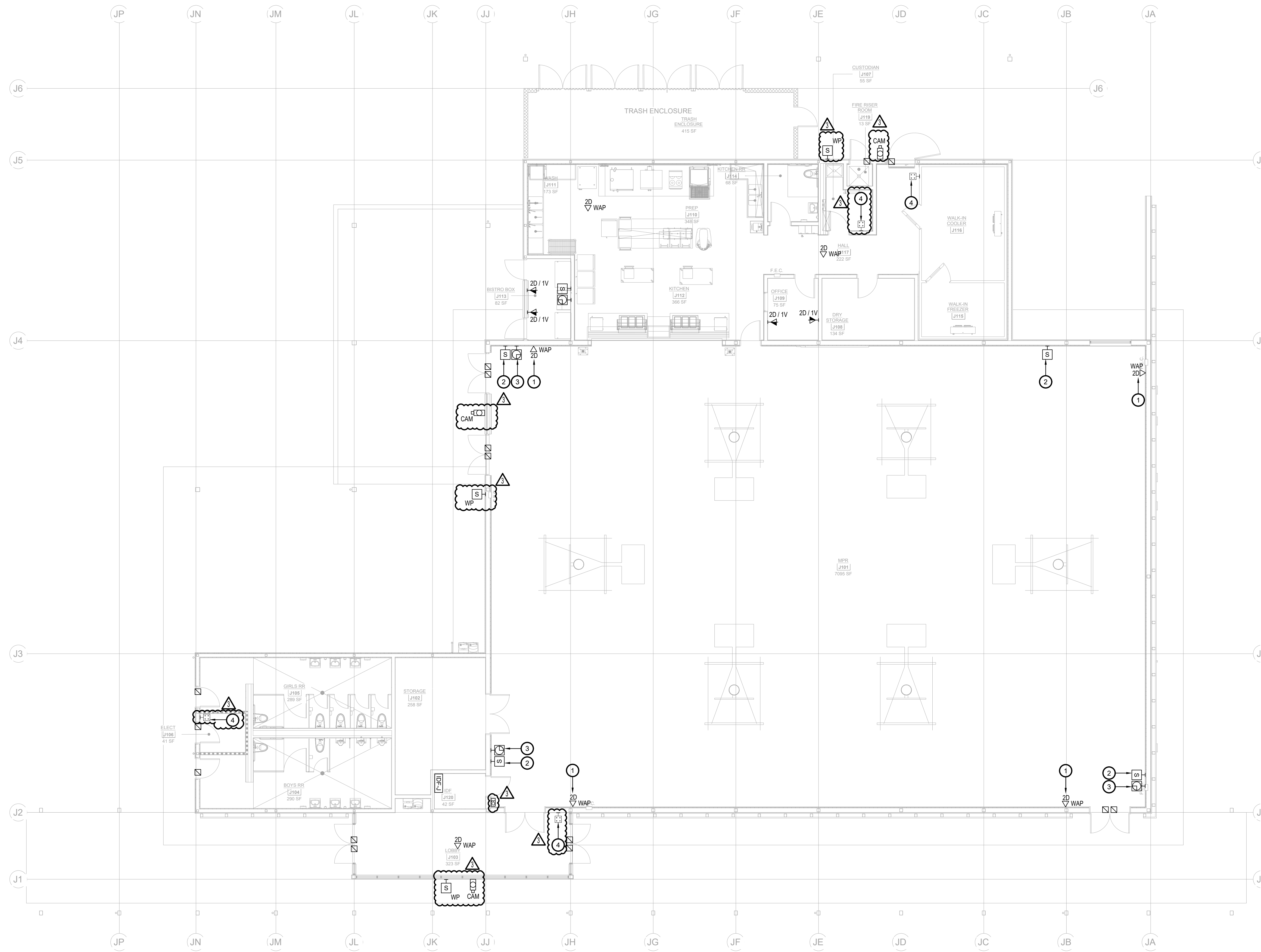
DATE: 03/12/2025 CLIENT PROJ NO: 3431007000
SHEET:

T0.3-4

AD3.16

PLEASE RECYCLE

SEE LANE SHOWN ABOVE FOR
EXISTING AND PROPOSED
SHEETING ORIGINAL PAGE 202



- KEY NOTES:
- 1 PROVIDE TWO (2) DATA DROPS FOR WAP AT +108" A.F.F. AND PROTECTIVE CAGE.
 - 2 PROVIDE ONE (1) DATA DROP FOR INTERCOM SPEAKER AT +108" A.F.F.
 - 3 PROVIDE BATTERY OPERATED CLOCK 16" DIA. AT +108" A.F.F. WITH PROTECTIVE CAGE.
 - 4 PROVIDE NEW INTRUSION KEYPAD, NEW CABLING, AND ALL NECESSARY ACCESSORIES AND HARDWARE FOR A FULLY FUNCTIONAL AND OPERATIONAL SYSTEM.

AGENCY
APPROVAL:



HMC Architects

3431007000

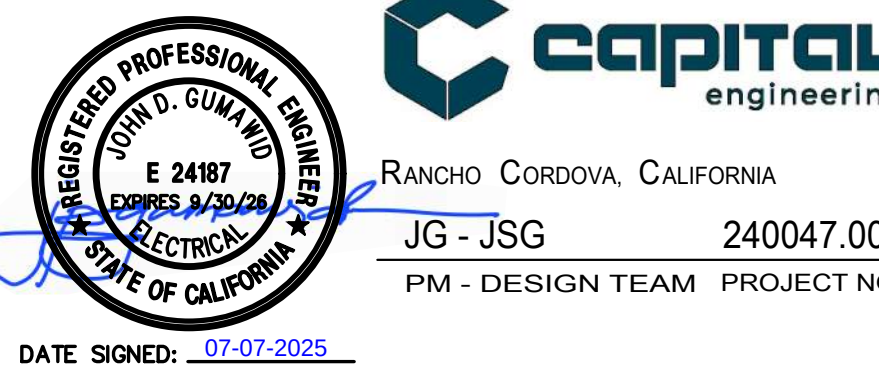
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TECHNOLOGY - FLOOR PLAN - BLDG J

CONSTRUCTION DOCUMENTS

DATE: 03/12/2025 CLIENT PROJ NO: 3431007000
SHEET:

TJ2.11-4
AD3.17

TECHNOLOGY - FLOOR PLAN - BLDG J 1
SCALE : 1/8"=1'-0" TJ2.11-4

PLEASE RECYCLE