THE LINE SHOWN ABOVE IS 1" LONG WHEN PRINTED AT FULL SIZE. IF NOT, ADJUST SHEETS ORIGINAL PAGE SIZE

## SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

# SCUSD LEONARDO DE VINCI MS GYM MOD

4701 JOAQUIN WAY
SACRAMENTO, CA 95822



AGENCY APPROVAL:

REVIEWING AGENCIES STAMP HERE

Sacramento City Unified School District


HMC Architects DESIGN FOR GOOD
3186-081-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com

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NOT FOR CONSTRUCTION

## PROJECT TEAM

**CIVIL**
**WCE LTD.**
1117 WINFIELD WAY, STE 110 EL DORADO, CA 95762
916-985-1870

**STRUCTURAL**
**RW CONSULTING ENGINEERS**
1450 HARBOR BLVD, STE F WEST SACRAMENTO, CA 95691
916-716-6910

**PLUMBING**
**IMEG**
1677 EUREKA RD, STE 102 ROSEVILLE, CA 95661
916-780-2030

**ELECTRICAL**
**IMEG**
1677 EUREKA RD, STE 102 ROSEVILLE, CA 95661
916-780-2030

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**COVER SHEET**

## PROGRESS

DATE: **05/06/05**

CLIENT PROJ NO:

SHEET:

**G0.10**

Autodesk Docs://3186081000 SCUSD Leonardo De Vinci MS Gym Mod R24/3186081000-A-SCUSD-MS-GYM-MOD.rvt
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PLEASE RECYCLE

## GENERAL NOTES

1. CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.
2. THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
3. PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS NECESSARY TO DELIVER THE INDICATED RESULTS OF THE DESIGN INTENT.
4. VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
5. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.
6. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
7. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
8. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
9. DETAILS MARKED 'TYPICAL' SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
10. ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED. REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.
11. PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
12. CONTRACTOR SHALL EXCERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
13. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
14. ALL WORK SHALL CONFORM TO 2025 EDITION TITLE 24, CALIFORNIA CODE OF REGULATION (CCR)
15. THE LIMIT OF WORK LINE SHOWS THESE DRAWINGS IS AN APPROXIMATE LIMIT OF WORK ONLY. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL WORK, INCLUDING BUT NOT LIMITED TO INSTALLATION OF CONDUIT, MANHOLES, PULLBOXES, ETC WHICH ARE TO BE PART OF THIS WORK, ALTHOUGH OCCURING OUTSIDE OF SHOWN LIMIT OF WORK LINES.
16. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
17. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN SITE SAFETY PLAN.
18. CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH IN BOTH THE ENVIRONMENTAL IMPACT REPORT (ADDENDUM TO THE ENVIRONMENTAL IMPACT REPORT | SCH NO. [XXXXXXXXXX] INCLUDING ATTACHED BIOLOGICAL RESOURCES TECHNICAL REPORT.
19. NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA.
20. TO THE FULLEST EXTENT PERMITTED BY LAW, THE GENERAL CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS THE OWNER, THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS, AGAINST ANY CLAIMS RELATED TO HAZARDOUS MATERIALS CAUSED, IN WHOLE OR IN PART, BY THE GENERAL CONTRACTOR OR ITS SUBCONTRACTORS. FURTHER, THE GENERAL CONTRACTOR AND ITS SUBCONTRACTORS SHALL OBTAIN CONTRACTUAL LIABILITY COVERAGE FOR THIS INDEMNIFICATION OBLIGATION AND SHALL NAME THE OWNER, THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS AS ADDITIONAL INSUREDS UNDER ANY INSURANCE POLICIES PROVIDING SUCH CONTRACTUAL LIABILITY COVERAGE.
21. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
22. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 CCR.
23. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. INSPECTOR TO BE CLASS 1.
24. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. THE REPORTS SHALL BE SUBMITTED TO ARCHITECT OF RECORD, STRUCTURAL ENGINEER OF RECORD, OWNER, INSPECTOR OF RECORD, AND THE DSA FIELD ENGINEER. THE REPORTS OF ANY FAILURES OF TESTS AND INSPECTIONS ARE TO BE SUBMITTED TO DSA DISTRICT STRUCTURAL ENGINEER.
25. 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, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR., A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)

NOTE 18 IS FOR EIR - REMOVE OR UPDATE BASED ON PROJECT REQUIREMENTS

NOTES 21-25 ARE DSA RELATED - REVIEW FOR POTENTIAL EDITS OR REMOVAL IF YOUR PROJECT IS NOT DSA.

FOR NOTE 23 - CLASS # TO BE DETERMINED AND VERIFIED BASED ON PROJECT/ CONSTRUCTION TYPE PRIOR TO SUBMITTING TO DSA

## ACCEPTANCE TESTING REQUIREMENTS

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEM ACCEPTANCE TEST MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

A LISTING OF CERTIFIED ATTs CAN BE FOUND AT: HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGAM/ACCEPTANCE

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTUCTION/ INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL BE COLLECTING THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

USERS TO CONFIRM INCLUSION OF THIS SECTION OF NOTES FOR DSA PROJECTS UNDER 10,000 SF WHICH INVOLVES COMMISSIONING AND TESTING FOR NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES AND PROCESS EQUIPMENT.

## CODES

**PARTIAL LIST OF APPLICABLE CODES**

ALL WORK PERTAINING TO AND ALL MATERIALS SUPPLIED FOR EXECUTING AND COMPLETING THIS CONTRACT SHALL COMPLY WITH PROVISIONS SPECIFIED IN THE CONTRACT DOCUMENTS AND WITH ALL APPLICABLE LAWS, REGULATIONS AND ORDINANCES GOVERNING WORK INCLUDING, BUT NOT NECESSARILY LIMITED TO, THOSE OF:

- 2025 CALIFORNIA BUILDING STANDARDS, ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) VOL. 1&2 BASED ON THE 2024 INTERNATIONAL BUILDING CODE
- 2025 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2023 NATIONAL ELECTRICAL CODE (NEC)
- 2025 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 UNIFORM MECHANICAL CODE (UMC)
- 2025 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 UNIFORM PLUMBING CODE (UPC)
- 2025 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA HISTORICAL BUILDING CODE (CHBC) PART 8, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 INTERNATIONAL FIRE CODE (IFC)
- 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC) PART 10, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) BASED ON THE 2024 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN) PART 11, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2025 CALIFORNIA REFERENCED STANDARDS CODE (CRSC) PART12,TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- 2024 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101 LIFE SAFETY CODE
- 2024 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 99 HEALTH CARE FACILITIES CODE

TITLE 19 CCR, PUBLIC SAFETY STATE FIRE MARSHALL REGULATIONS

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2025 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

**PARTIAL LIST OF APPLICABLE STANDARDS**

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

FOR DSA HISTORICAL BUILDINGS CODE NOT REQUIRED

FOR HEALTHCARE - TITLE 19 CCR, NOT REQUIRED

## STATEMENT OF GENERAL CONFORMANCE

( ) THE DRAWINGS OR SHEETS LISTED ON THE INDEX SHEET WITH AN (*)
( ) THIS DRAWING PAGE OF SPECIFICATIONS/CALCULATIONS

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

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

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

ALL DRAWINGS OR SHEETS LISTED ON THE SHEET INDEX WITH AN (*) IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN AND HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE
ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

DATE

PRINT NAME

X-00000
LICENSE NUMBER

01-01-22
EXPIRATION DATE

## PROJECT DESCRIPTION

**GENERAL DESCRIPTION OF WORK**

GYM MODERNIZATION. NEW MAPLE SPORTS FLOORING W/ RUBBER VENTED BASE. NEW GAME STRIPING AND LOGO. NEW MOTORIZED BASKETBALL HOOPS; DEMO (E). REMOVE (E) BLEACHERS & REPLACE WITH NEW MOTORIZED BLEACHERS. REMOVE (E) DRINKING FOUNTAINS WITHIN GYM & CAP PLUMBING; (E) DF IN BOYS' AND GIRLS' RESTROOMS TO BE UPGRADED W/ (N) BOTTLE FILLERS. PROVIDE NEW ACOUSTICAL WALL PANELING IN GYM. PAINT INTERIOR OF GYM; AND ALL DOOR & DOOR FRAMES. GYM ACOUSTICAL CEILING TILES TO BE REANCHORED & REPAINTED. INTERIOR SIGNAGE TO BE UPGRADED IN MAIN GYM. NEW INTERIOR SPEAKER SYSTEM TO BE PROVIDED WITHIN MAIN GYM.

## PROJECT DATA

**PROJECT ADDRESS**

4701 JOAQUIN WAY
SACRAMENTO, CA 95822

**PROJECT INFORMATION**

BUILDING NAME: BUILDING D

YEAR BUILT: 1980

TYPE OF CONSTRUCTION: TYPE IIIB

OCCUPANCY: A-4/E

AUTOMATIC FIRE SPRINKLER SYSTEM: NON-SPRINKLERED

NUMBER OF STORIES: 1

BUILDING AREA: 22,085 SQ. FT.

AREA OF WORK: TBD

## DEFERRED APPROVAL

1. NONE

## BUILDING VITALS & AIA 2030 COMMITMENT REPORTING

**OVERVIEW**
CONDITIONED AREA (sqft): **[AREA]**

UNCONDITIONED AREA (sqft): **[AREA]**

**ENERGY**
ENERGY MODELING TOOL:
**[SOFTWARE]**

DESIGN ENERGY CODE:
**[CODE REFERENCE]**

ENERGY START TARGET FINDER EUI (kBtu/sf/yr):
**[EUI]**

PROJECT TEAM BASELINE EUI (kBtu/sf/yr):
**[EUI]**

PROJECT TEAM GOAL EUI (kBtu/sf/yr):
**[EUI]**

PROJECT TEAM PREDICTED EUI @ SD (kBtu/sf/yr):
**[EUI]**

PROJECT TEAM PREDICTED EUI @ DD (kBtu/sf/yr):
**[EUI]**

PROJECT TEAM PREDICTED EUI @ CD (kBtu/sf/yr):
**[EUI]**

LIGHTING POWER DENSITY (watts/sf):
**[LPD]**

WINDOW TO WALL RATIO:
**[WWR]**

ASHRAE 90.1 APPENDIX G - BASELINE ENGERY MODEL (kBtu/sf/yr):
**[EUI]**

**WATER**
REDUCTION IN POTABLE WATER PER LEED 2009 P1: **[%]**

**ATMOSPHERE**
CO2 OFFSET: **[TONS]**

## SHEET INDEX


| NUMBER | NAME |
|---|---|
| GENERAL SHEET | |
| G0.10 | COVER SHEET |
| G0.11 | PROJECT DATA SHEET |
| 2 | |
| PROJECT ANALYSIS | |
| G1.11 | CODE SITE PLAN |
| G1.21 | OCCUPANCY ANALYSIS |
| G1.51 | LOCAL FIRE AUTHORITY SITE ACCESS PLAN |
| 3 | |
| ARCHITECTURE | |
| A1.01 | OVERALL SITE PLAN |
| A2.10 | DEMOLITION PLAN |
| A2.11 | DEMOLITION PLAN - PHOTOS |
| A2.21 | IMPROVEMENT FLOOR PLAN |
| A2.22 | FINISH PLAN |
| A2.23 | COURT STRIPING PLANS |
| A2.24 | COURT STRIPING PLANS |
| A2.25 | BLEACHER PLAN - 8-TIER |
| A3.11 | REFLECTED CEILING PLAN |
| A5.11 | EXTERIOR ELEVATIONS |
| A6.11 | BUILDING SECTIONS |
| A8.11 | INTERIOR ELEVATIONS |
| A9.11 | DOOR SCHEDULE |
| A9.31 | INTERIOR FINISH SCHEDULE |
| A10.01 | EXTERIOR DETAILS |
| A10.11 | INTERIOR DETAILS |
| A10.31 | ACCESSORY ITEM TYPES AND MOUNTING HEIGHTS |
| 17 | |
| STRUCTURAL | |
| S0.01 | STRUCTURAL SPECIFICATIONS |
| S2.10 | FOUNDATION PLAN |
| S2.11 | ROOF FRAMING PLAN |
| S4.01 | ORIGINAL FDN & FRMG PLAN |
| S4.02 | BLEACHERS & B.B.B.S. |
| 5 | |
| PLUMBING | |
| P0.00 | PLUMBING COVERHSEET |
| P1.10 | DEMOLITION FLOORING - PLUMBING |
| P2.10 | FLOOR PLAN - PLUMBING |
| 3 | |
| ELECTRICAL | |
| E0.00 | ELECTRICAL COVERSHEET |
| E0.01 | ELECTRICAL COVERSHEET |
| E1.00 | DEMOLITION FLOOR - POWER |
| E1.10 | DEMOLITION FLOOR - POWER |
| E2.00 | FLOOR PLAN - POWER |
| E2.10 | FLOOR PLAN - SYSTEMS |
| 6 | |
| Grand total: 36 | |


## SYMBOL LEGEND

**NORTH ARROW**
TICK INDICATES PLAN NORTH
ARROW INDICATES TRUE NORTH

**ELEVATION CALLOUT**
(TYPICAL FOR EXTERIOR)
LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN

**ELEVATION CALLOUT**
(TYPICAL FOR INTERIOR)
LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN

**ELEVATION CALLOUT - ALT.**
(FOR EXTERIOR AND INTERIOR)
LOCATION & SHEET WHERE ELEVATION IS DRAWN

**SECTION CALLOUT**
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN

**DETAIL CALLOUT**
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN

**CONTROL OR DATUM POINT**
FIRST FLOOR +0' - 0"
NAME OF ELEVATION (IF APPLICABLE)
ELEVATION ABOVE FINISHED FLOOR

**GRID BUBBLE**
EXISTING BUILDING GRID SYMBOL
GRID NUMBER
NEW BUILDING GRID SYMBOL

**DOOR CALLOUT**
101A
DOOR NUMBER

**INTERIOR FINISH CALLOUT**
FA
MATERIAL FINISH TYPE
(SEE FINISH SCHEDULE)

**WINDOW CALLOUT**
09-WF1
WINDOW NUMBER
(SEE WINDOW SCHEDULE)

**WALL TYPE CALLOUT**
AS6A / AS4A 55 1FB
WALL TYPE MARK - SEE A10.11
WALL STC RATING
WALL FIRE RATING TYPE

**MATCHLINE REFERENCE**
LOCATION ON SHEET
SHEET WHERE PLAN IS DRAWN

**KEYNOTE**
KEYNOTE NUMBER (SEE LEGEND ON SHEET)

**ROOM EXITING INFORMATION**
AREA (SQ FT)
OCCUPANT LOAD (AREA DIVIDED BY LOAD FACTOR)
OCCUPANT LOAD FACTOR (REFER TO TABLE 1004.5)
OCCUPANCY TYPE
NUMBER OF EXITS REQUIRED (REFER TO TABLE 1006.2.1)

**WIC CASEWORK TAG**
MANUFACTURER REFERENCE AND MODEL NUMBER
LOCK
CABINET DEPTH
CABINET HEIGHT
CABINET WIDTH

### SHEET NUMBER SYSTEM

| DISCIPLINE | SHEET TYPE | BUILDING LETTER, SEGMENT, (USER DEFINED) |
|---|---|---|
| G GENERAL | 0 CODE ANALYSIS, NOTES | USED ONLY IF REQUIRED IF NOT COLUMN IS OMITTED |
| C CIVIL | 1 SITE PLAN | |
| L LANDSCAPE | 2 FLOOR PLAN | |
| A ARCHITECTURE | 3 CEILING PLAN | |
| I INTERIORS | 4 ROOF PLAN | |
| Q EQUIPMENT | 5 EXTERIOR ELEVATIONS | |
| S STRUCTURAL | 6 SECTIONS | |
| P PLUMBING | 7 ENLARGED PLANS | |
| M MECHANICAL | 8 INTERIOR ELEVATIONS | |
| E ELECTRICAL | 9 SCHEDULES | |
| FA FIRE ALARM | 10 DETAILS | |
| T TELECOM | | |
| AV AV EQUIPMENT | | |
| K KITCHEN | | |
| FP FIRE PROTECTION | | |

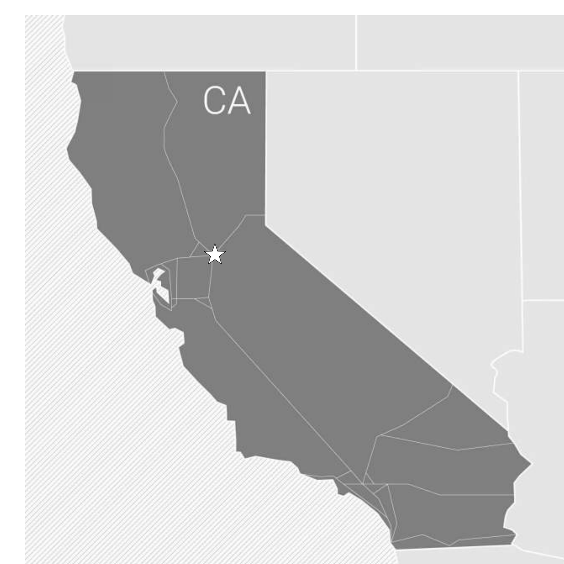
A A 1 . 1 1 A . A
SERIES ORDER
SHEET TYPE
DISCIPLINE
SEGMENT (IF APPLICABLE)
BUILDING LETTER (IF APPLICABLE)
FLOOR LEVEL OR SEQUENTIAL ORDER
USER DEFINED (IF APPLICABLE)

## ABBREVIATIONS

| | |
|---|---|
| (E) | EXISTING |
| AB | ANCHOR BOLT |
| AC PAVING | ASPHALTIC CONCRETE PAVING |
| ACC | ACCESS/ACCESSIBLE |
| ACP | ACOUSTICAL CEILING PANEL |
| ACT | ACOUSTICAL CEILING TILE |
| ADJ | ADJACENT/ADJUSTABLE |
| AFF | ABOVE FINISH FLOOR |
| AGG | AGGREGATE |
| AHU | AIR HANDLING UNIT |
| ARCH | ARCHITECTURAL |
| ATT | ATTENUATION |
| AUTO | AUTOMATIC |
| BD | BOARD |
| BLCG | BLOCKING |
| BLDG | BUILDING |
| BUR | BUILT UP ROOFING |
| CABT | CABINET |
| CF | CUBIC FEET |
| CFCI | CONTRACTOR FURNISHED, CONTRACTOR INSTALLED |
| CFOI | CONTRACTOR FURNISHED, OWNER INSTALLED |
| CG | CORNER GUARD |
| CJ | CONTROL JOINT |
| CL | CENTER LINE |
| CLF | CHAIN LINK FENCE |
| CLR | CLEAR |
| CMU | CONCRETE MASONRY UNIT |
| CO | CLEANOUT |
| COL | COLUMN |
| COMP | COMPRESSION / COMPOSITE |
| CF | CUBIC FEET |
| COORD | COORDINATE |
| CORR | CORRUGATED |
| CT | CERAMIC TILE |
| CTSK | COUNTER SUNK |
| CW | CURTAINWALL |
| DEPR | DEPRESSED / DEPRESSION |
| DF | DRINKING FOUNTAIN |
| DIM | DIMENSION |
| DISP | DISPENSER |
| DS | DOWNSPOUT |
| DTL | DETAIL |
| DW | DISHWASHER |
| DWG(S) | DRAWING(S) |
| E/W | EACH WAY |
| EIFS SYSTEM | EXTERIOR INSULATION FINISH |
| EJ | EXPANSION JOINT |
| ELEC | ELECTRICAL |
| ELEV | ELEVATION / ELEVATOR |
| ENCL | ENCLOSE / ENCLOSURE |
| EOS | EDGE OF SLAB |
| EP | ELECTRICAL PANEL |
| EQ | EQUAL |
| ESC | ESCUTCHEON |
| EWC | ELECTRIC WATER COOLER |
| EXP | EXPOSED |
| FA | FIRE ALARM |
| FD | FLOOR DRAIN |
| FDC | FIRE DEPARTMENT CONNECTION |
| FE | FIRE EXTINGUISHER |
| FEC | FIRE EXTINGUISHER W/ CABINET |
| FF | FINISH FLOOR |
| FG | FINISH GRADE |
| FH | FIRE HYDRANT |
| FHC | FIRE HOSE CABINET |
| FHS | FLAT HEAD SCREW |
| FIN | FINISH |
| FLR | FLOOR |
| FOC | FACE OF CONCRETE |
| FOF | FACE OF FINISH |
| FOM | FACE OF MASONRY |
| FOS | FACE OF STUD |
| FP | FIREPROOFING |
| FR | FIRE RATED |
| FRG | FIRE RATED GLASS |
| FRP | FIBERGLASS REINFORCED PLASTIC |
| FRT | FIRE RETARDANT TREATED |
| FS | FINISH SURFACE |
| FTG | FOOTING |
| GB | GRAB BAR |
| GFRC | GLASS FIBER REINFORCED CONCRETE |
| GL | GLASS TYPE |
| GLB | GLUE LAMINATED BEAM |
| GYP BD | GYPSUM BOARD |
| GYP PLAS | GYPSUM PLASTIC |
| HB | HOSE BIBB |
| HD | HEAVY DUTY |
| HDR | HEADER |
| HDWR | HARDWARE |
| HGT | HEIGHT |
| HM | HOLLOW METAL |
| HP | HIGH POINT |
| HSS | HOLLOW STEEL SECTION |
| HT | HIGH TEMP (SELF ADHERING FLASHING) |
| ID | INSIDE DIAMETER |
| INT | INTERIOR |
| INV | INVERT |
| LANDS | LANDSCAPE |
| LAV | LAVATORY |
| LLH | LONG LEG HORIZONTAL |
| LLV | LONG LEG VERTICAL |
| LP | LOW POINT |
| LT WT | LIGHT WEIGHT |
| LVR | LOUVER |
| MACH | MACHINE |
| MB | MACHINE BOLT |
| MDF | MEDIUM DENSITY FIBERBOARD |
| MDO | MEDIUM DENSITY OVERLAY |
| MECH | MECHANICAL |
| MED | MEDIUM |
| MEMB | MEMBRANE |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MO | MASONRY OPENING |
| MTD | MOUNTED |
| MTL | METAL |
| NIC | NOT IN CONTRACT |
| NR | NON RATED |
| NRC | NOISE REDUCTION COEFFICIENT |
| NTS | NOT TO SCALE |
| O/ | OVER |
| O/A | OVERALL |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| OFCI | OWNER FURNISHED, CONTRACTOR INSTALLED |
| OFOI | OWNER FURNISHED, OWNER INSTALLED |
| OFVI | OWNER FURNISHED, VENDOR INSTALLED |
| OH | OPPOSITE HAND |
| OPER | OPERABLE |
| OPNG | OPENING |
| ORD | OVERFLOW ROOF DRAIN |
| P/L | PROPERTY LINE |
| PA | PUBLIC ADDRESS |
| PAF | POWDER ACTUATED FASTENER |
| PCC | PORTLAND CEMENT CONCRETE |
| PED | PEDESTRIAN |
| PERF | PERFORATED |
| PERIM | PERIMETER |
| PERP | PERPENDICULAR |
| PH | PANIC HARDWARE |
| PIV | POST INDICATOR VALVE |
| PL | PLATE |
| PLAM | PLASTIC LAMINATE |
| PLAS | PLASTER |
| PLUMB | PLUMBING |
| PNL | PANEL |
| PNT | PAINT / PAINTED |
| POC | POINT OF CONNECTION |
| POLY ISO | POLYISOCYANURATE |
| PREFIN | PREFINISHED |
| PREP | PREP / PREPARATION |
| PTC | POST TENSIONED CONCRETE |
| PTD | PAPER TOWEL DISPENSER |
| PTN | PARTITION |
| PTS | PNEUMATIC TUBE STATION / SYSTEM |
| PVC | POLYVINYL CHLORIDE |
| PVMT | PAVEMENT |
| QT | QUARRY TILE |
| R | RADIUS, RISER |
| RB | RESILIENT BASE |
| RD | ROOF DRAIN |
| RECEPT | RECEPTACLE |
| REF | REFERENCE |
| REFL | REFLECT(ED), (IVE) |
| REFR | REFRIGERATOR |
| REINF | REINFORCE/REINFORCED/ REINFORCEMENT |
| REM | REMOVE |
| RH | ROUND HEAD |
| RHS | ROUND HEAD SCREW |
| RO | ROUGH OPENING |
| ROW | RIGHT OF WAY |
| SAF | SELF ADHERING FLASHING |
| SCH | SCHEDULE (FOR PIPE) |
| SCHED | SCHEDULE / SCHEDULING |
| SD | STORM DRAIN / SOAP DISPENSER |
| SECT | SECTION |
| SG | SAFETY GLASS |
| SHT | SHEET |
| SHTG | SHEATHING |
| SIM | SIMILAR |
| SMS | SHEET METAL SCREW |
| SND | SANITARY NAPKIN DISPOSAL |
| SOV | SHUT OFF VALVE |
| SPEC | SPECIFICATIONS |
| SS | STAINLESS STEEL |
| STC | SOUND TRAMISSION CLASS |
| STL | STEEL |
| STSMS SCREW | SELF TAPPING SHEET METAL |
| SUSP | SUSPENDED |
| SV | SHEET VINYL |
| SYM | SYMMETRICAL |
| T | TREAD |
| T&B | TOP AND BOTTOM |
| TO | TOP OF |
| TOC | TOP OF CURB / CONCRETE |
| TOP | TOP OF PARAPET |
| TOS | TOP OF STEEL |
| TOW | TOP OF WALL |
| TPD | TOILET PAPER DISPENSER |
| TS | TACKABLE SURFACE |
| U/C | UNDER CABINET (OR COUNTER) |
| UNO | UNLESS NOTED OTHERWISE |
| UR | URINAL |
| VAC | VACUUM |
| VB | VAPOR BARRIER |
| VCT | VINYL COMPOSITION TILE |
| VIF | VERIFY IN FIELD |
| VTR | VENT THROUGH ROOF |
| VWC | VINYL WALL COVERING |
| W/ | WITH |
| W/O | WITHOUT |
| WB | WOOD BASE |
| WC | WATER CLOSET |
| WD | WOOD |
| WDW | WINDOW |
| WGT | WEIGHT |
| WH | WATER HEATER |
| WP | WATERPROOFING/WALL PROTECTION |
| WR | WATER RESISTANT |
| WRGB | WATER RESISTANT GYPSUM BOARD |
| WS | WOOD SCREW |
| WSCT | WAINSCOT |
| WWF | WELDED WIRE FABRIC |

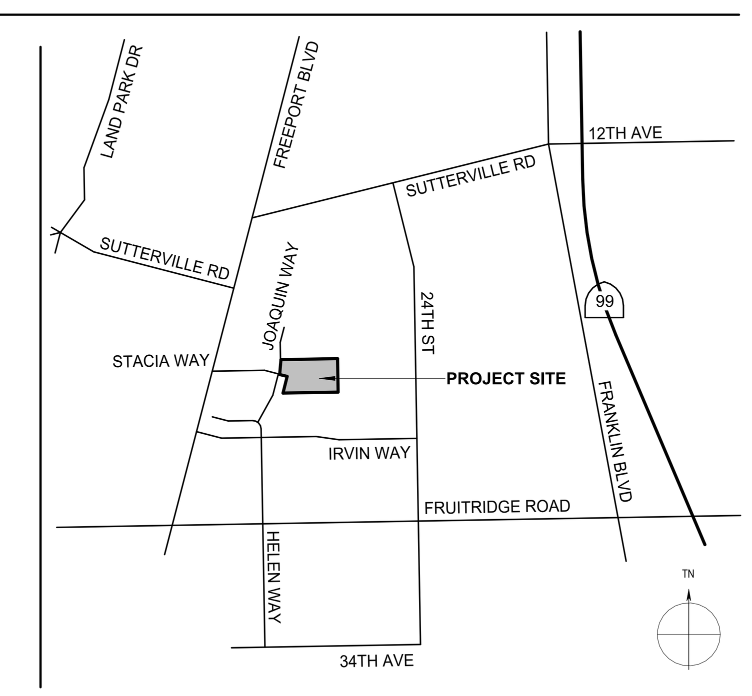
NOTE:
OTHER ABBREVIATIONS USED ON THESE DRAWINGS ARE CONSIDERED STANDARDS IN THE BUILDING INDUSTRY. CONTACT ARCHITECT FOR NECESSARY CLARIFICATION.

## STATE MAP




## OVERALL SITE PLAN

## VICINITY MAP




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**KEYNOTES**

**NOTES**

FACILITY:
**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**PROJECT DATA SHEET**

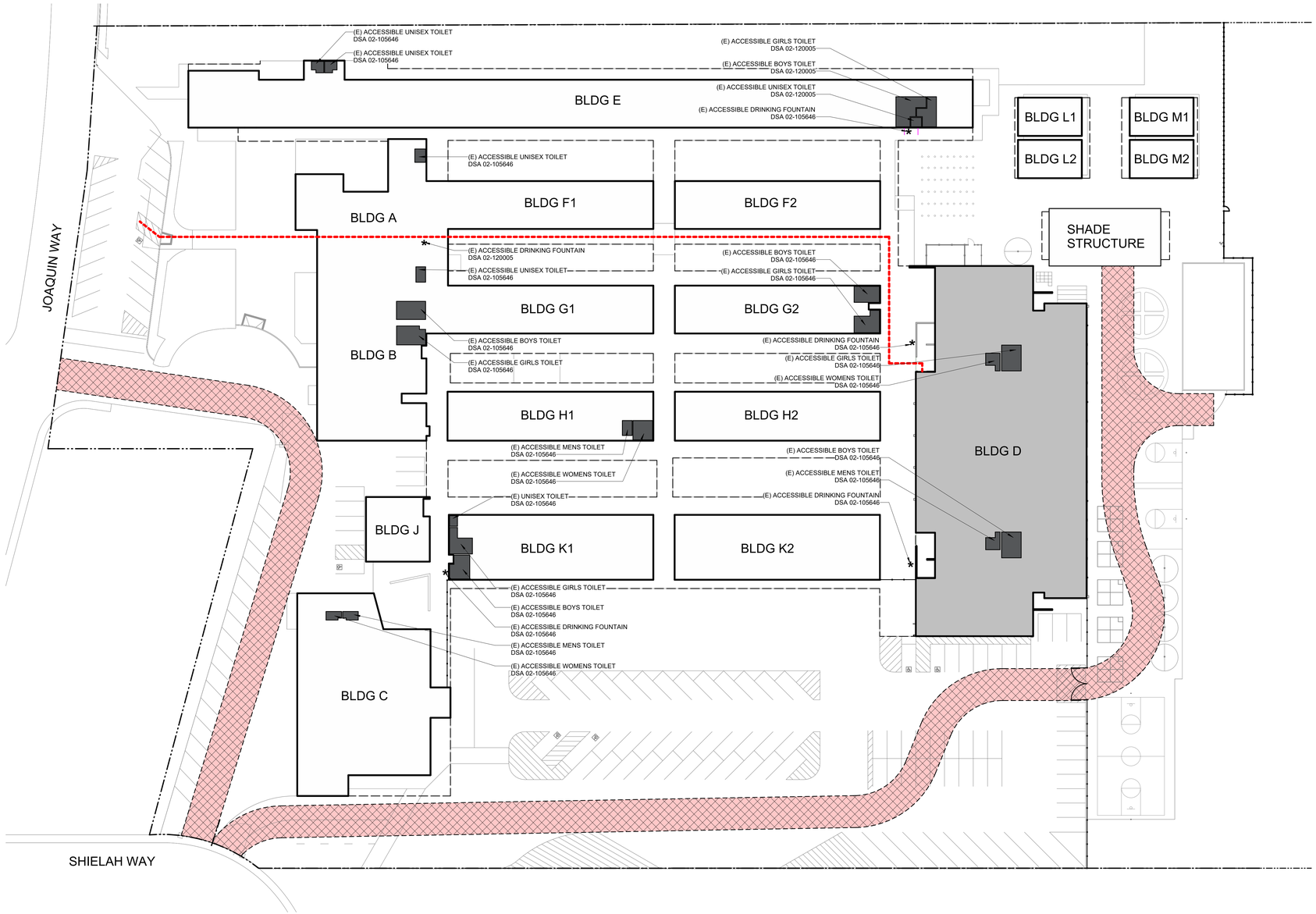
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DATE: **03/26/26**
CLIENT PROJ NO:

SHEET:
# G0.11

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## CODE SITE PLAN 1

1" = 30'-0"

## LEGEND

- APPROXIMATE LIMIT OF WORK. REFER TO ADDITIONAL DRAWINGS FOR WORK WHICH MAY EXTEND BEYOND THIS APPROXIMATE LIMIT OF WORK LINE.
- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL
- FENCING
- ROOF LINE
- EXISTING BUILDING TO BE MODERNIZED IN INCREMENT
- EXISTING BUILDINGS
- EXISTING EMERGENCY/FIRE ACCESS LANE
- FIRE HYDRANT - SEE CIVIL DRAWINGS

### EXISTING BUILDING DESIGNATIONS

| UNIT | DESCRIPTION | DSA APPLICATION # |
|---|---|---|
| A-B-F1-G1 | ADMIN., AUDITORIUM, CLASSROOMS | 8389, 16110 |
| C | CAFETERIA | 14811 |
| D | GYMNASIUM | 14811 |
| E | CLASSROOMS | 8389, 14811 |
| F2 | CLASSROOMS | 8389 |
| G2 | CLASSROOMS | 8389 |
| H1-H2 | CLASSROOMS | 8389, 14811 |
| J | CLASSROOMS | 8389 |
| K1-K2 | CLASSROOMS | 14811 |
| L1-L2 | RELOCATABLE CLASSROOMS | 02-114973 |
| M1-M2 | RELOCATABLE CLASSROOMS | 02-114973 |

### ACCESSIBLE PARKING STALL CALCULATION

| | |
|---|---|
| TOTAL PARKING STALL COUNT: | XX |
| ACCESSIBLE PARKING STALLS (PER TABLE 11B-208.2): | |
| REQUIRED ACCESSIBLE STALLS: | XX |
| REQUIRED VAN ACCESSIBLE STALLS: | XX |
| ACCESSIBLE STALLS PROVIDED: | XX |

### EXISTING PATH OF TRAVEL (POT): ARCHITECT STATEMENT

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE IN CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT

1) HAVE BEEN IDENTIFIED AND
2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.

ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF THE POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-CONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT TO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

### PATH OF TRAVEL, TECHNICAL REQUIREMENT FOR ACCESSIBLE ROUTE

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NO BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECTS SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE BATH OF TRAVEL.

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## KEYNOTES

## NOTES

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**CODE SITE PLAN**

PROGRESS

DATE: **03/04/14**

CLIENT PROJ NO:

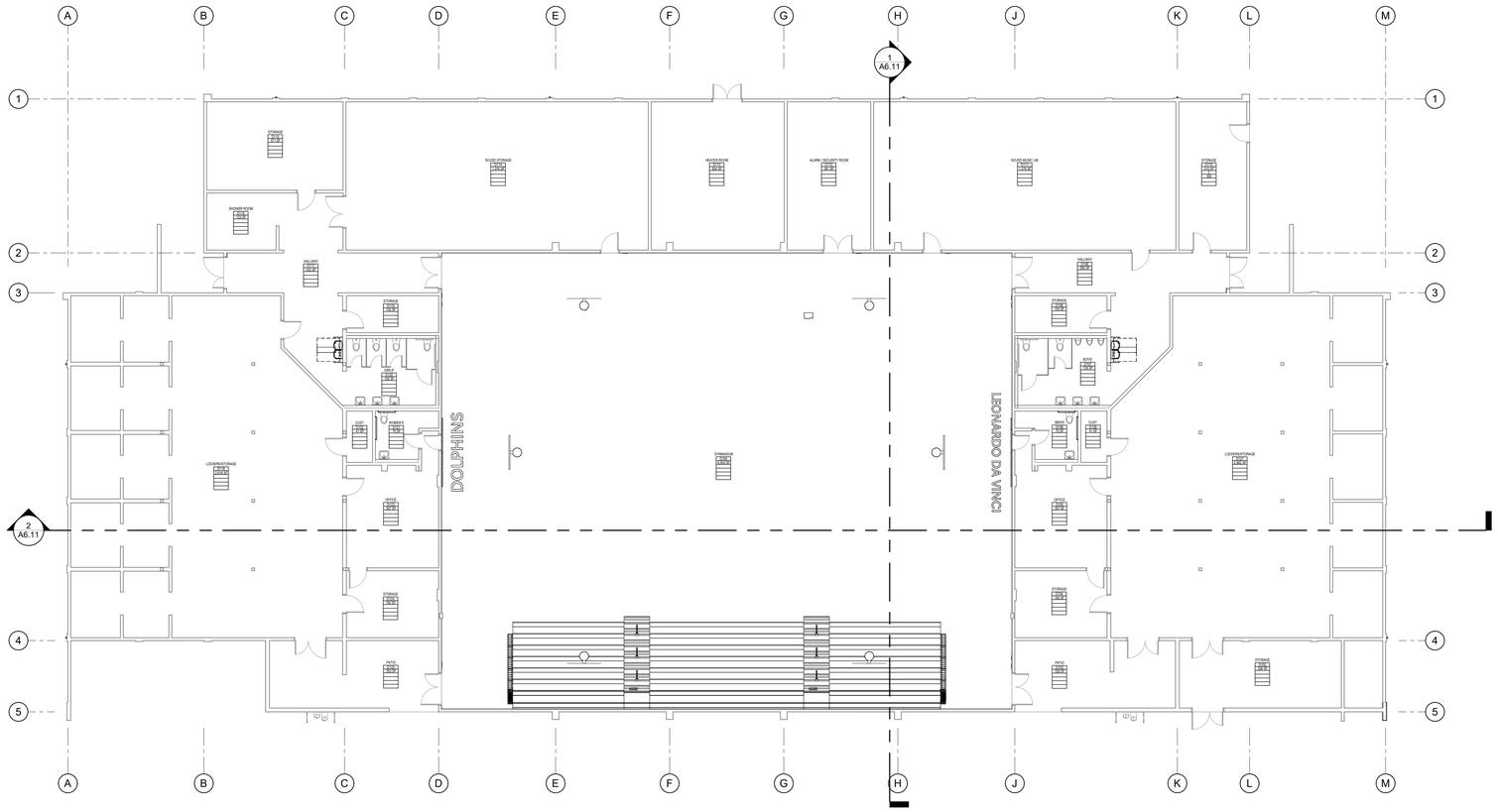
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**G1.11**

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## LEGEND

- DISTANCE- COMMON PATH OF TRAVEL (Cx 19'-7")
- DISTANCE- EGRESS PATH (Ex 19'-7")
- DISTANCE- BETWEEN FIRE EXTINGUISHERS (Fx 19'-7")
- PATH DISTANCE
- PATH NUMBER
- PATH

**BUILDING ELEMENTS**

- EXISTING PARTITION TO REMAIN
- TEMPORARY PARTITION
- SMOKE BARRIER
- 1 HR FIRE PARTITION
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- 3 HR FIRE BARRIER
- 4 HR FIRE BARRIER
- FIRE RATED DOOR
- OCCUPANTS REQUIRED (EGRESS)
- DOOR WIDTH MINIMUM (EGRESS)
- DOOR WIDTH PROVIDED (EGRESS)
- FIRE RATING OF DOOR (IN MINUTES)
- PANIC HARDWARE (WHEN PROVIDED)
- ROOM NAME
- ROOM NUMBER
- AREA (SQ FT)
- OCCUPANT LOAD (AREA DIVIDED BY LOAD FACTOR)
- OCCUPANT LOAD FACTOR (REFER TO TABLE 1004.5)
- OCCUPANCY TYPE
- NUMBER OF EXITS REQUIRED (REFER TO TABLE 1006.2.1)
- EXIT SIGN: AT EXIT (ONE SIDED)
- EXIT SIGN: EXIT DIRECTION (ONE SIDED)
- EXIT SIGN: MULTIPLE EXIT DIRECTION (ONE SIDED)
- EXIT SIGN: TWO FILLED QUADRANTS INDICATE TWO SIDED SIGN (HATCHED AREAS INDICATE DIRECTIONS SIGN IS VISIBLE FROM)
- FIRE EXTINGUISHERS (FE01, FEC13, FEC12, FEC11)

## NOTES

1. FIRE RESISTANCE RATINGS SHOWN ARE MINIMUM RATINGS REQUIRED. REFER TO PARTITION TYPES ON A0.11, AND SPECIFICATIONS, FOR MORE INFORMATION
2. FIRE RESISTANCE RATINGS IN PARTITIONS ARE SHOWN WHERE PARTITIONS ARE NOT CUT BY DOORS, WINDOWS, STOREFRONTS, OR OTHER OBJECTS. RATED PARTITION MAY EXIST ABOVE OBJECTS.

## CODE ANALYSIS

ASSEMBLY SF = XXX SF
FIXED BLEACHER SF = XXX SF
BLEACHERS OPEN SF = XXX SF

ASSEMBLY SPACE:
XXX SF - XXX SF = XXX SF
XXX SF / 7 SF PER PERSON = XXX OCC.

GYM W/ BLEACHERS OPEN:
XXX SF - XXX SF = XXX SF
XXX SF / 7 SF PER PERSON = XXX OCC.
XXX OCC. + XXX (SEATS) = XXX OCC.

TOTAL DOOR WIDTH REQUIRED:
XXX OCC. x 0.2" = XXX"

REQUIRED EXITS:
EXITS PROVIDED:

PN

**FLOOR PLAN - EXITING ANALYSIS** 1 — 3/32" = 1'-0"

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## KEYNOTES

## NOTES

FACILITY:

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PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**OCCUPANCY ANALYSIS**

**PROGRESS**

DATE: **03/26/26** | CLIENT PROJ NO:

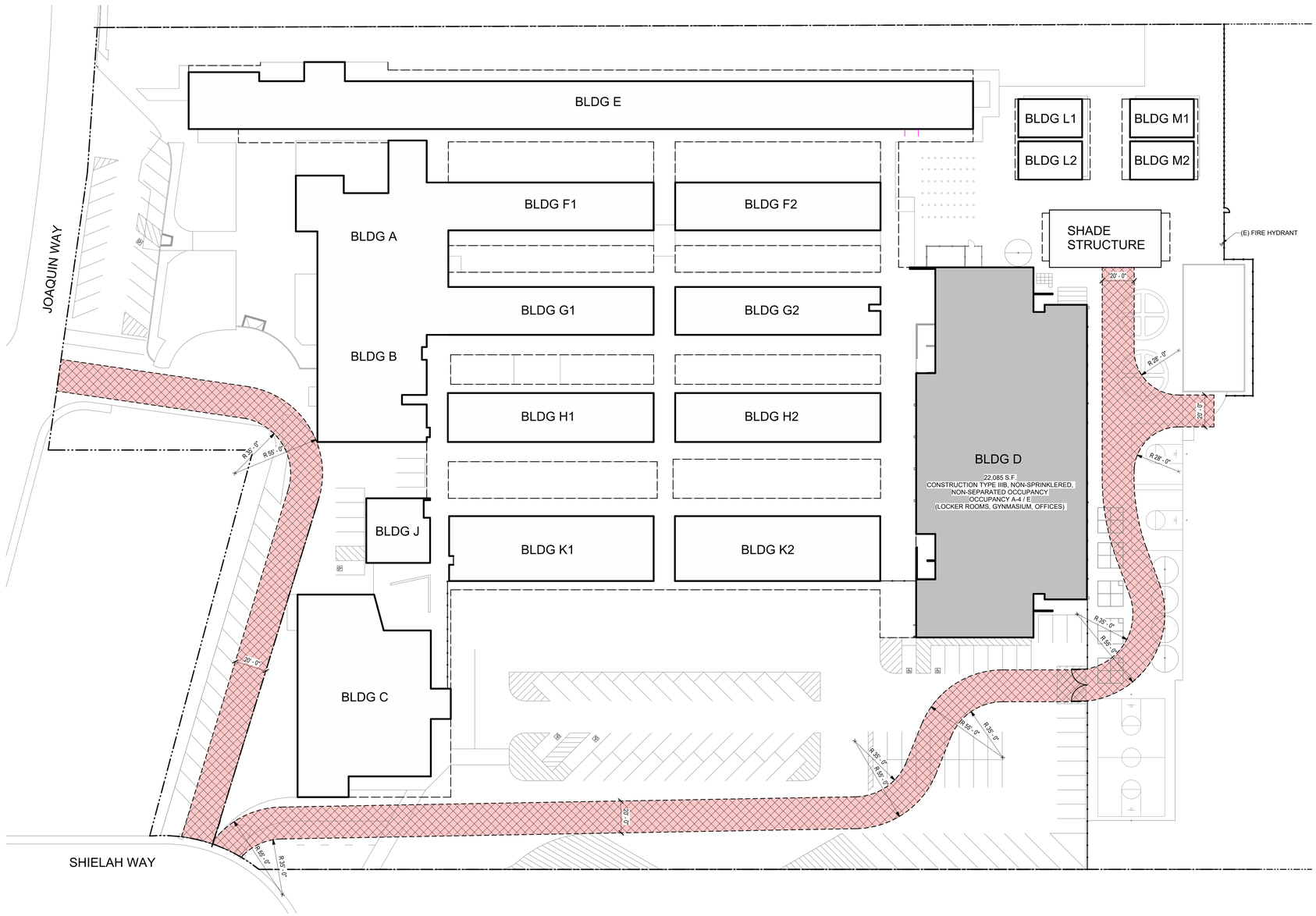
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## LEGEND

- APPROXIMATE LIMIT OF WORK. REFER TO ADDITIONAL DRAWINGS FOR WORK WHICH MAY EXTEND BEYOND THIS APPROXIMATE LIMIT OF WORK LINE.
- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL
- FENCING
- ROOF LINE
- EXISTING BUILDING TO BE MODERNIZED IN INCREMENT
- EXISTING BUILDINGS
- EXISTING EMERGENCY/FIRE ACCESS LANE
- FIRE HYDRANT - SEE CIVIL DRAWINGS

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## KEYNOTES

## NOTES

FIRE/LIFE SAFETY SITE PLAN 1
1" = 30'-0"

TN

FACILITY:

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**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**LOCAL FIRE AUTHORITY SITE ACCESS PLAN**

**PROGRESS**

DATE: **03/26/26**

CLIENT PROJ NO:

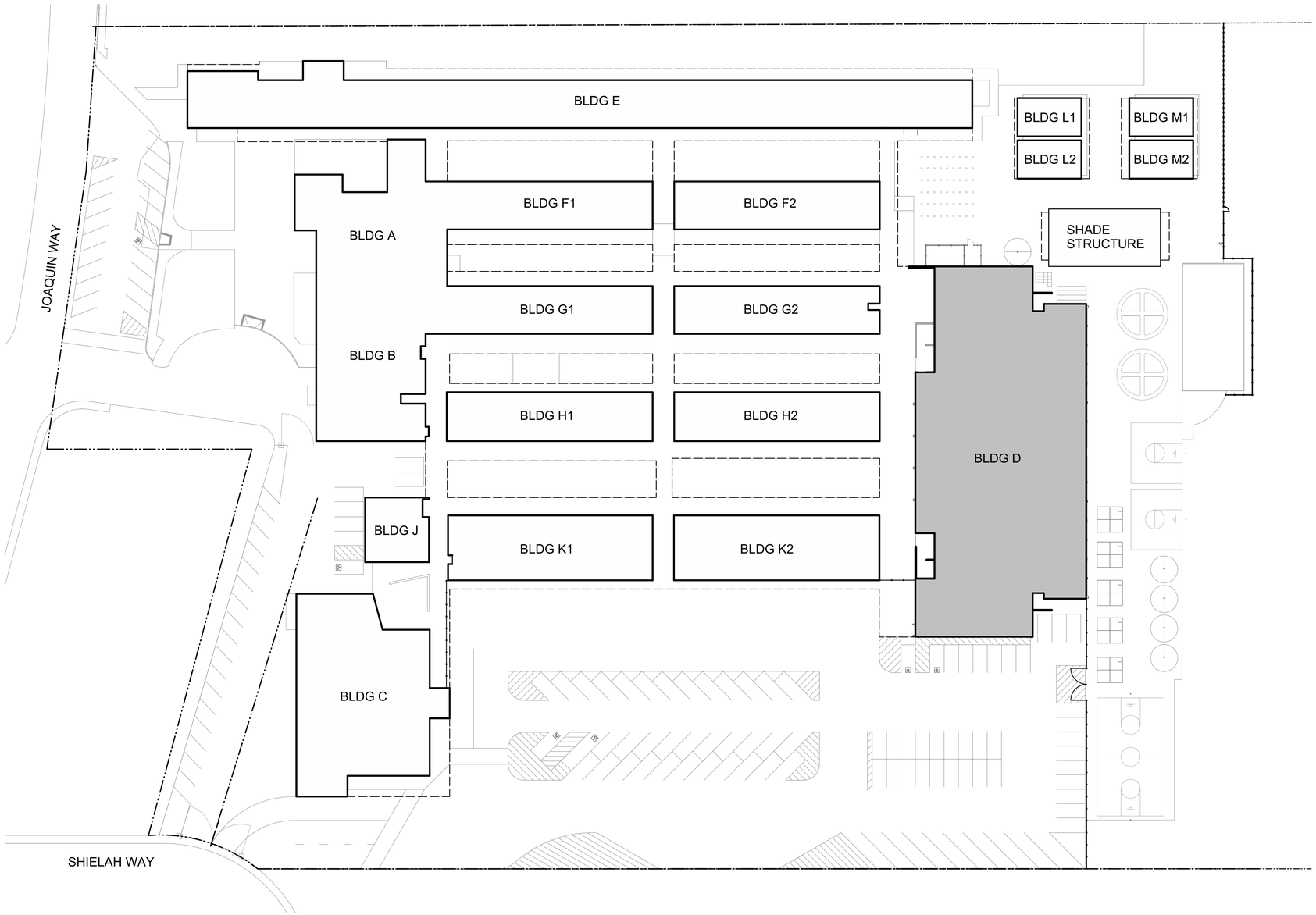
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OVERALL SITE PLAN 1 1" = 30'-0"

## LEGEND

- APPROXIMATE LIMIT OF WORK. REFER TO ADDITIONAL DRAWINGS FOR WORK WHICH MAY EXTEND BEYOND THIS APPROXIMATE LIMIT OF WORK LINE.
- PROPERTY LINE
- FENCING
- ROOF LINE
- EXISTING BUILDING TO BE MODERNIZED IN INCREMENT
- EXISTING BUILDINGS
- FIRE HYDRANT - SEE CIVIL DRAWINGS

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## KEYNOTES

## NOTES

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PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**OVERALL SITE PLAN**

**PROGRESS**

DATE: **03/26/26** | CLIENT PROJ NO:

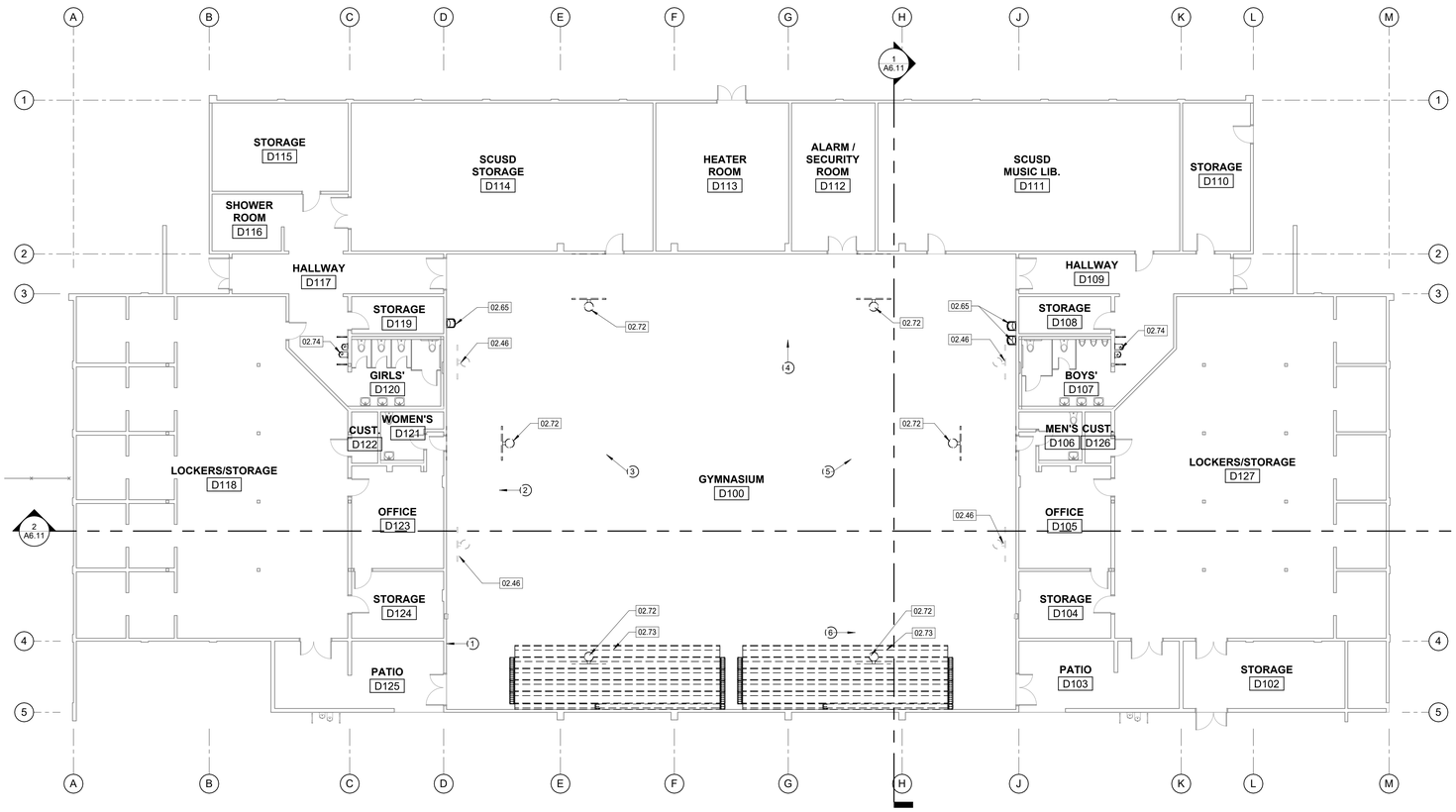
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## LEGEND

- EXISTING ELEMENT TO REMAIN
- EXISTING ELEMENT TO BE DEMOLISHED
- DEMOLITION PHOTO REFERENCE
  - VIEW DIRECTION
  - PHOTO NUMBER

## KEYNOTES

| | |
|---|---|
| 02.46 | (E) WALL MOUNTED BACKSTOP TO REMAIN PROTECTED IN PLACE |
| 02.65 | REMOVE (E) DRINKING FOUNTAIN AND CAP PLUMBING |
| 02.72 | REMOVE (E) BASKETBALL BACKSTOP AND BACKSTOP SUPPORT STRUCTURE |
| 02.73 | REMOVE (E) BLEACHERS |
| 02.74 | REMOVE (E) DRINKING FOUNTAIN |

## NOTES

DEMOLITION PLAN 1
3/32" = 1'-0"

PN

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PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**DEMOLITION PLAN**

PROGRESS

DATE: **03/26/26**

CLIENT PROJ NO:

SHEET:

**A2.10**

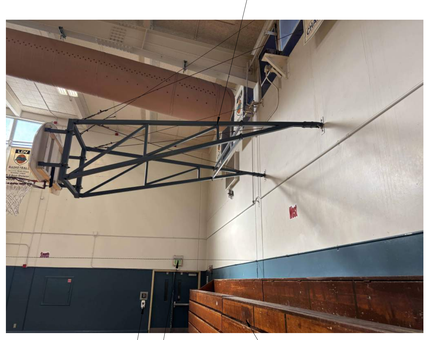
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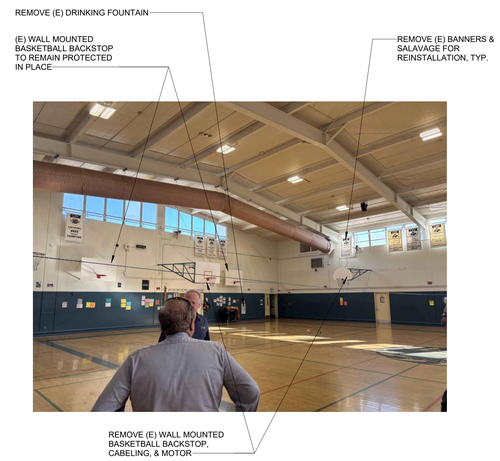
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12

9




6



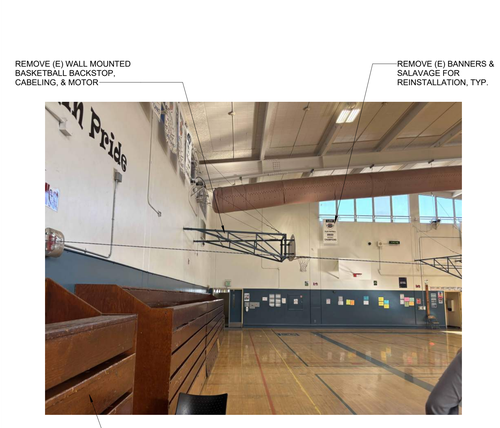

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11

8




5



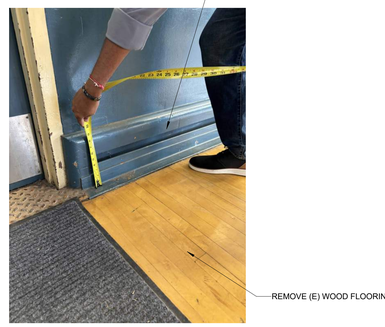

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10

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PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**DEMOLITION PLAN - PHOTOS**

**PROGRESS**

DATE: **04/26/26**

CLIENT PROJ NO:

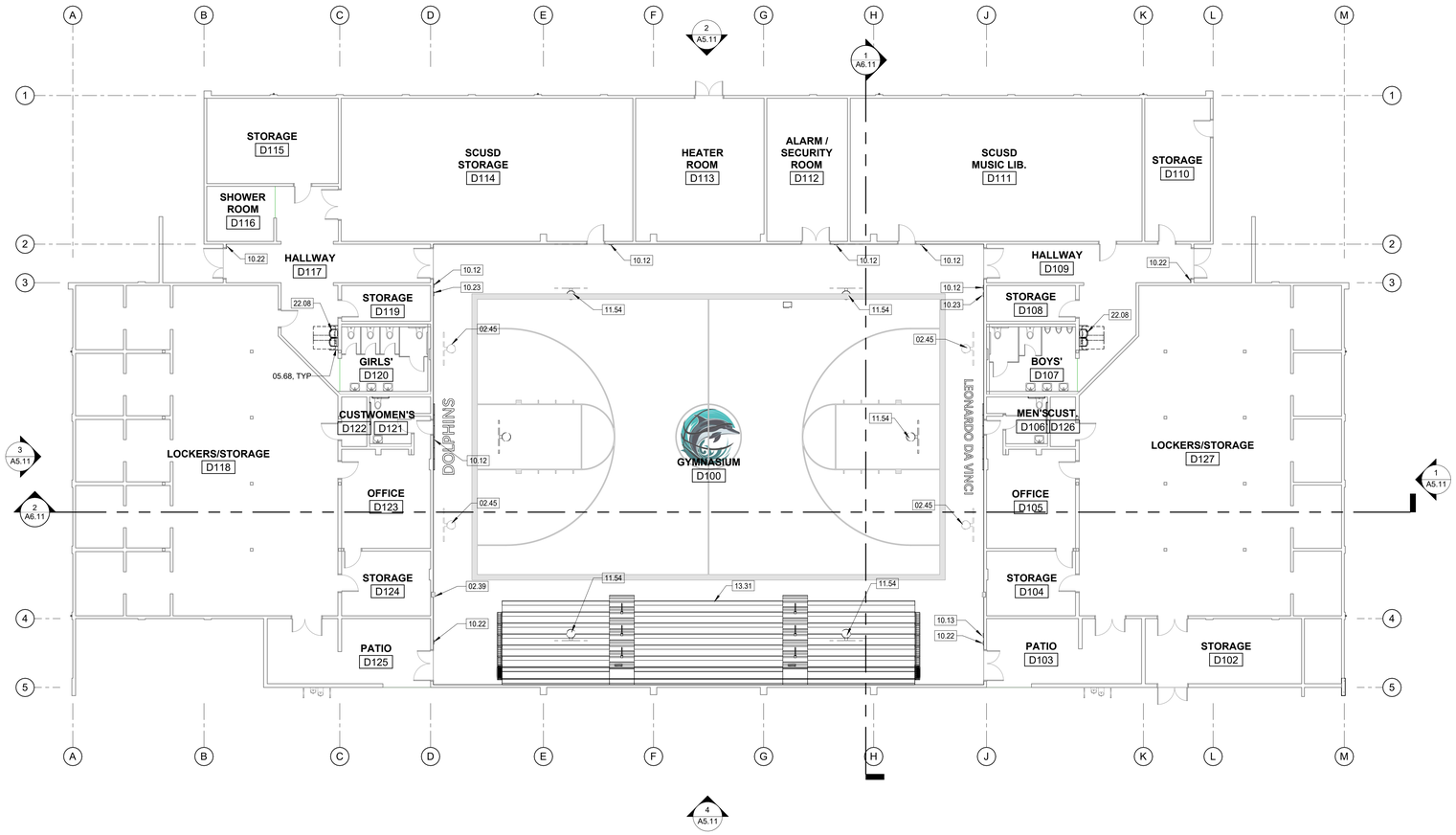
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1" LONG ON ORIGINAL PLOT
SCALE IT ON ORIGINAL PAGE SIZE




## LEGEND

- EXISTING ELEMENT TO REMAIN
- NON-RATED PARTITION
- SMOKE BARRIER
- 1 HR FIRE PARTITION
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- 3 HR FIRE BARRIER
- 4 HR FIRE BARRIER
- TEMPORARY PARTITION

## KEYNOTES

| | |
|---|---|
| 02.39 | (E) FIRE EXTINGUISHER TO REMAIN; PROTECT IN PLACE |
| 02.45 | (E) BASKETBALL BACKSTOP TO REMAIN |
| 05.68 | METAL CANE DETECTION RAIL, FINISH (GALV / PAINTED) \| XX/A10.XX |
| 10.12 | ROOM ID SIGN \| XX/A10.8X |
| 10.13 | OCCUPANT LOAD SIGN \| XX/A10.8X |
| 10.22 | TACTILE "EXIT" SIGN \| XX/A10.8X |
| 10.23 | TACTILE "EXIT ROUTE" SIGN \| XX/A10.8X |
| 11.54 | BASKETBALL BACKSTOP |
| 13.31 | BLEACHER, PC #... \| XX/A10.XX |
| 22.08 | ACCESSIBLE "HI-LO" DRINKING FOUNTAIN W/ BOTTLE REFILL \| PLUMB |

## NOTES

1. FOR GYMNASIUM COURT STRIPING LAYOUT AND NOTES, SEE A2.23 & A2.24

PN

IMPROVEMENT FLOOR PLAN 1
3/32" = 1'-0"

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FACILITY:

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**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**IMPROVEMENT FLOOR PLAN**

PROGRESS

DATE: **04/21/05**

CLIENT PROJ NO:

SHEET:

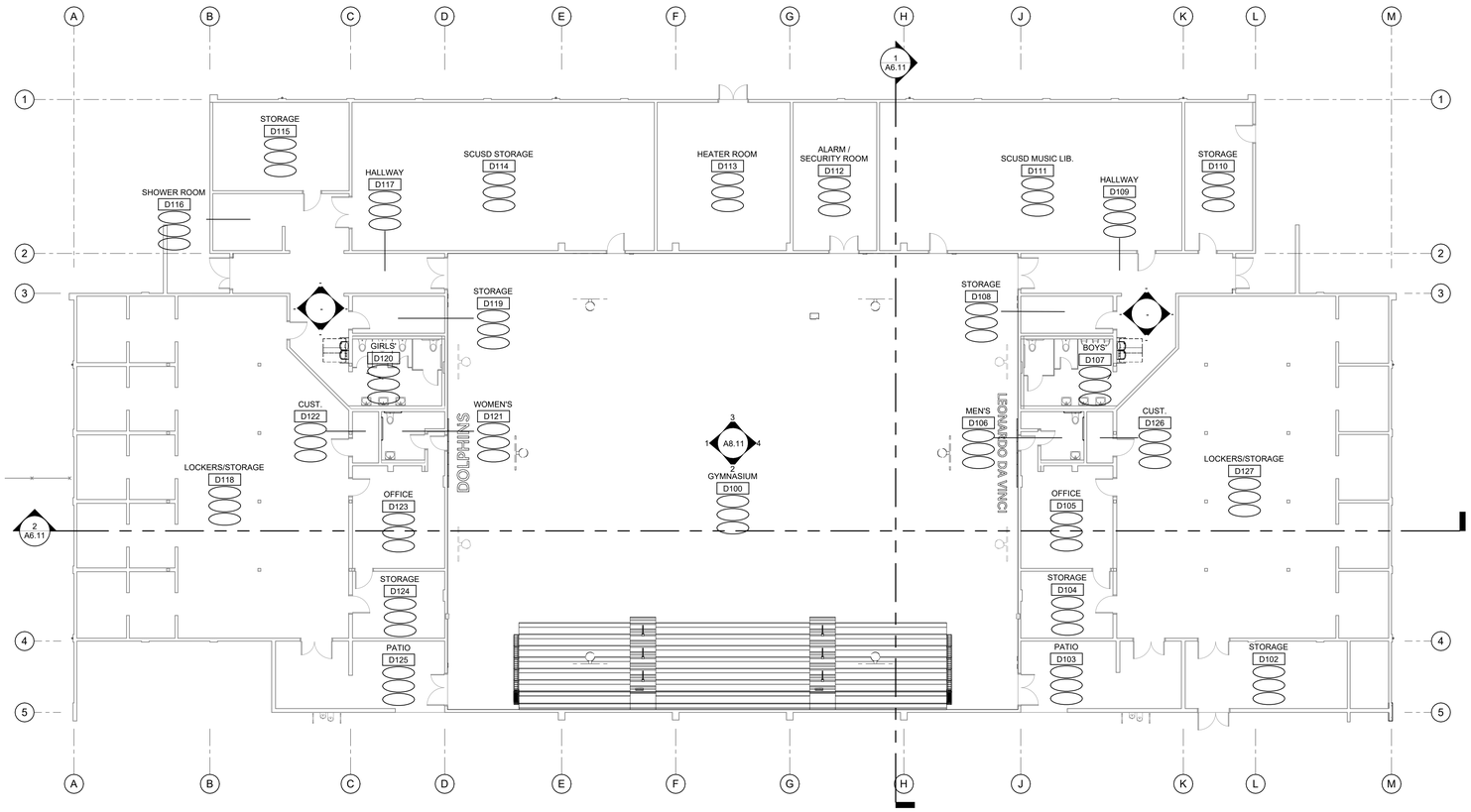
**A2.21**


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## FINISH PLAN 1

3/32" = 1'-0"

PN

## LEGEND

Room Name
###
XX#
XX#
XX#

- ROOM FIELD WALL FINISH - SEE SCHEDULE * = MULTIPLE FINISHES, SEE INT ELEVATION
- WALL BASE FINISH. SEE FINISH SCHEDULE
- ROOM FLOORING FINISH. SEE FINISH SCHEDULE

FINISHES NOTED ABOVE ARE TYPICAL FIELD FINISHES FOR THE ROOM, U.N.O. ADDITIONAL FINISHES MAYH BE INDICATED ON THIS PLAN AND/OR INTERIOR ELEVATIONS.

FA — FINISH/COLOR - SEE FINISH SCHEDULE

DENOTES DIRECTION OF FLOORING - IF APPLICABLE

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## KEYNOTES

## NOTES

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PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**FINISH PLAN**

**PROGRESS**

DATE: **03/26/26**

CLIENT PROJ NO:

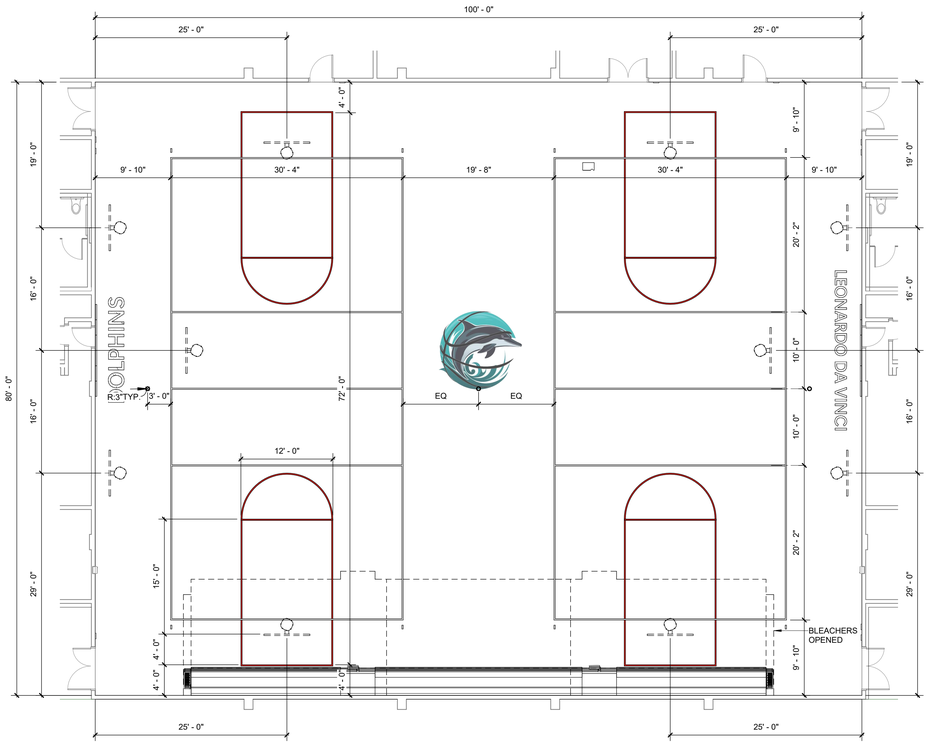
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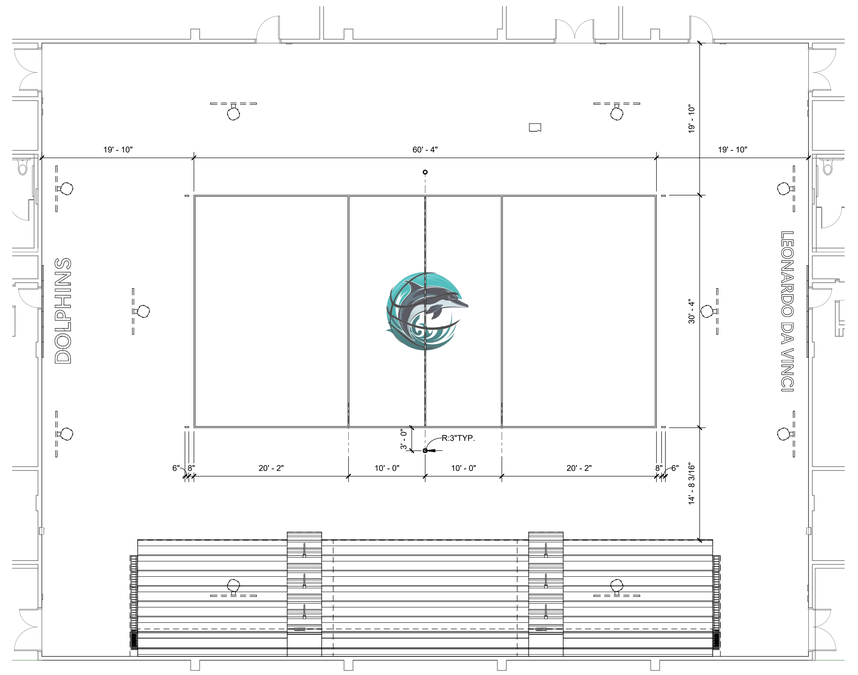
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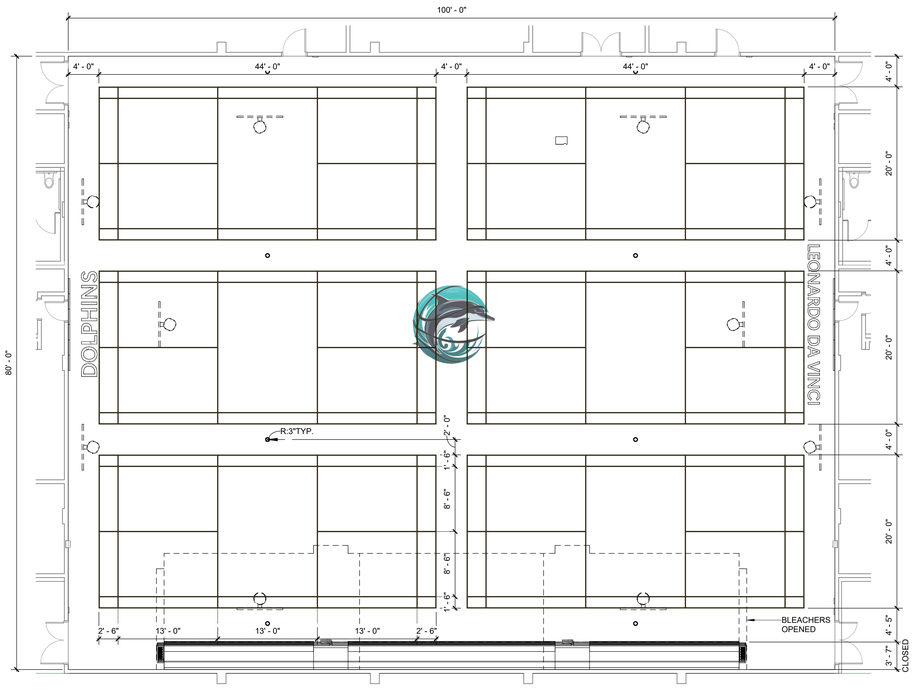
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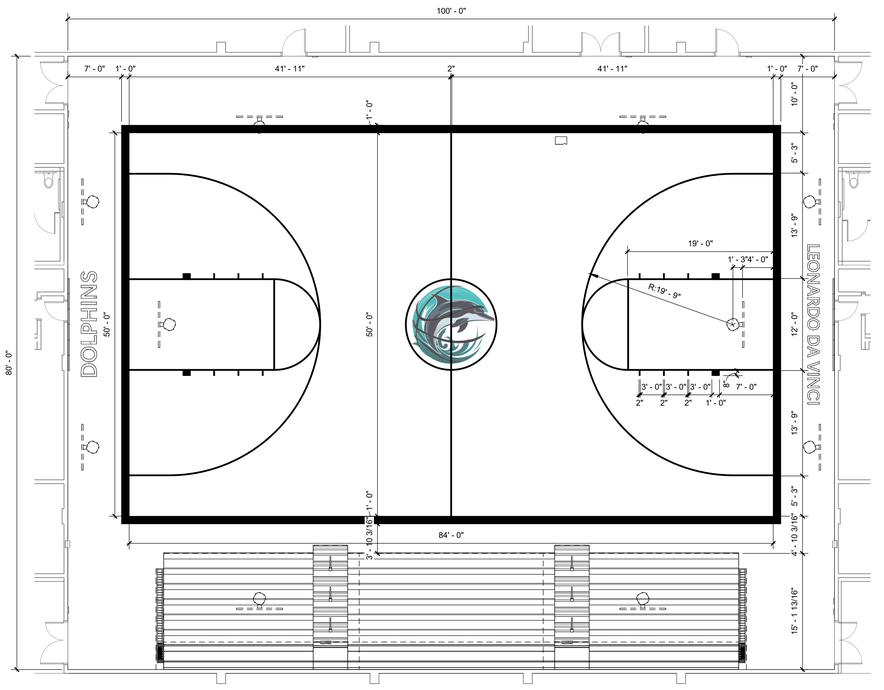

**CROSS COURT STRIPING** 4 — 1/8" = 1'-0"




**VOLLEYBALL COURT STRIPING PLAN** 2 — 1/8" = 1'-0"




**BADMINTON COURT STRIPING PLAN** 3 — 1/8" = 1'-0"




**BASKETBALL COURT STRIPING PLAN** 1 — 1/8" = 1'-0"

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**KEYNOTES**

**NOTES**

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PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**COURT STRIPING PLANS**

**PROGRESS**

DATE: **03/26/26**

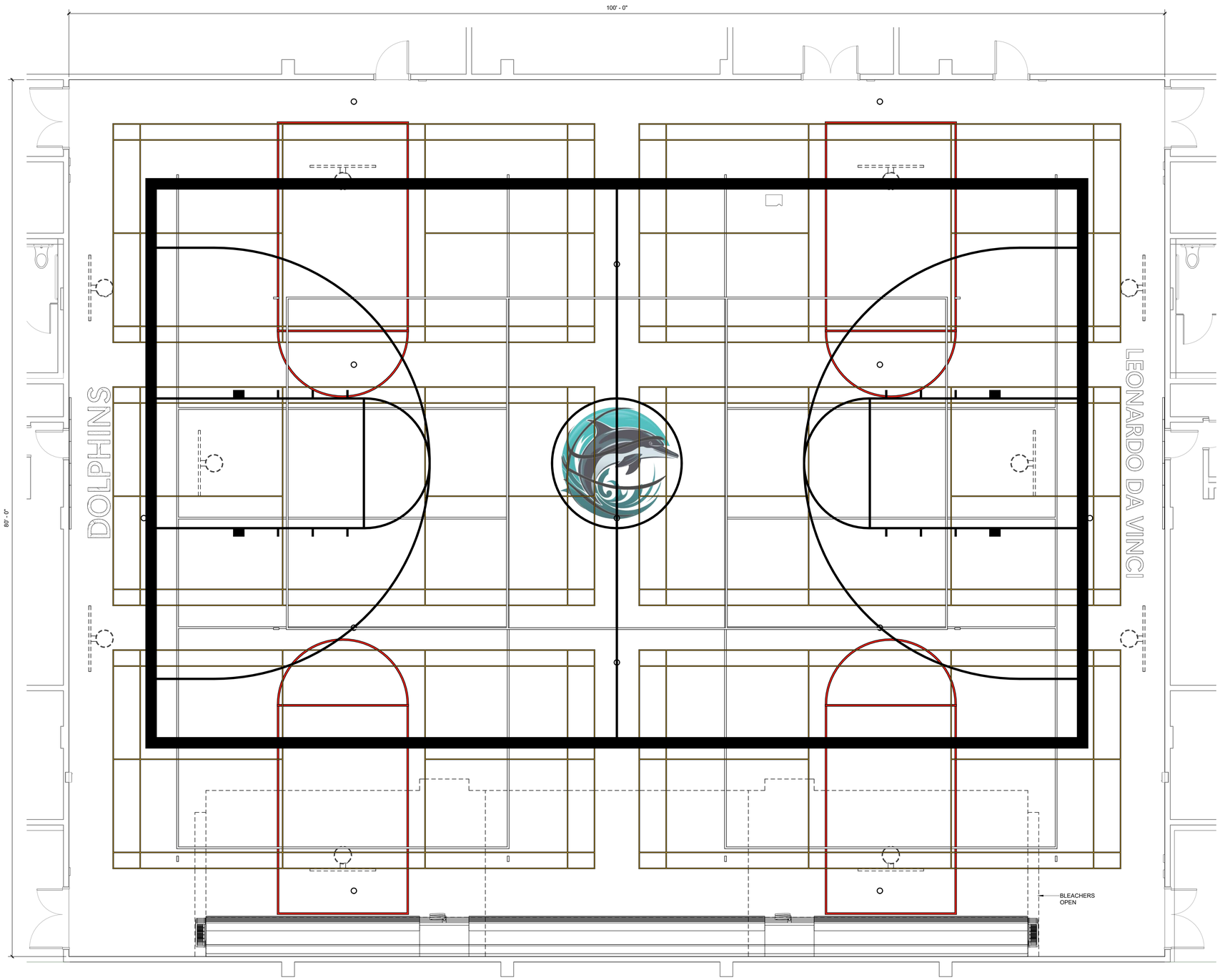
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SHEET:

**A2.23**

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PN

## COURT STRIPING - OVERALL

1
1/4" = 1'-0"

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PROJECT:

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SHEET NAME:

**COURT STRIPING PLANS**

**PROGRESS**

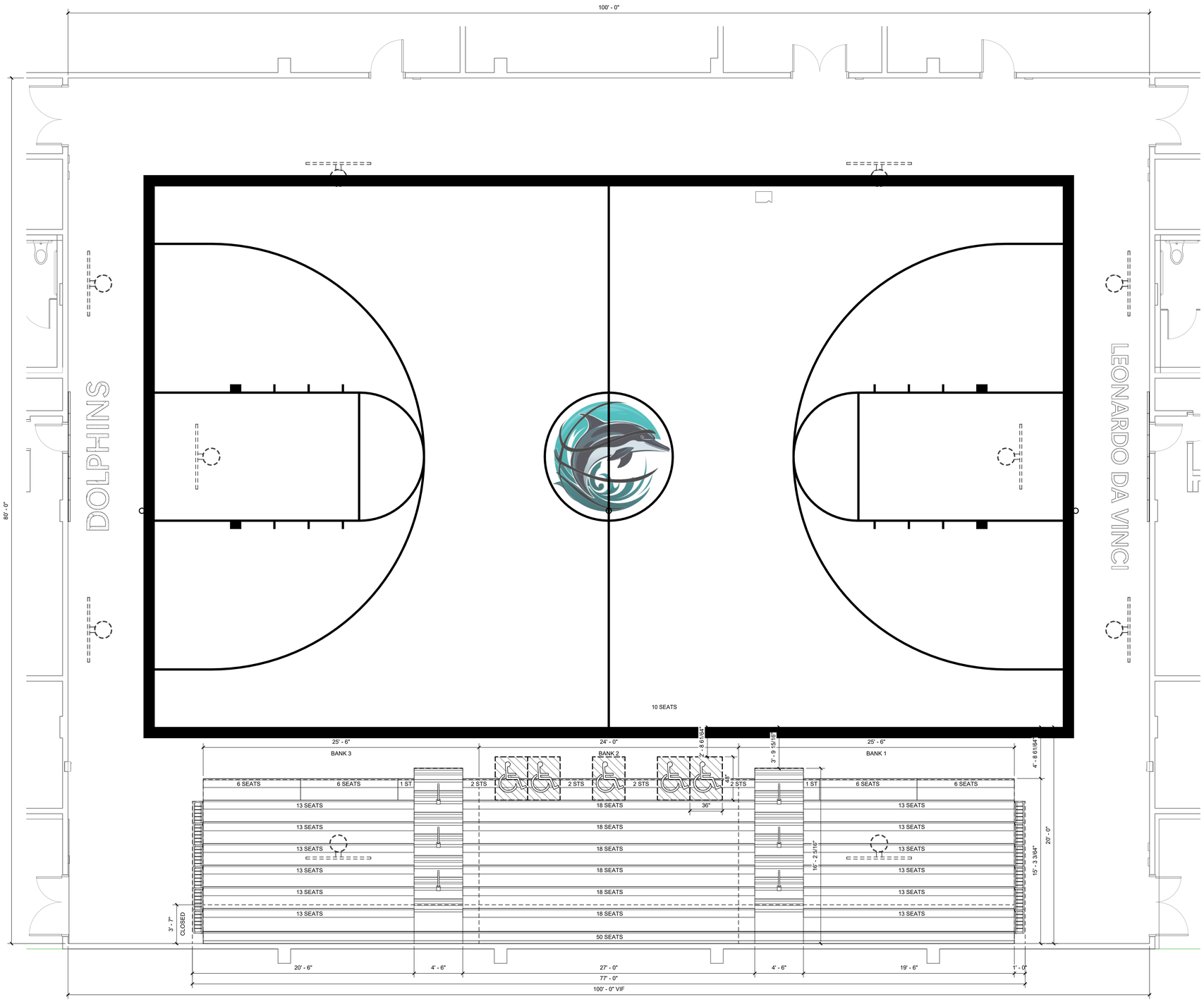
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**A2.24**

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TOTAL SEATS = 353

PN

**BLEACHER PLAN - 8-TIER** 1 1/4" = 1'-0"

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PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**BLEACHER PLAN - 8-TIER**

**PROGRESS**

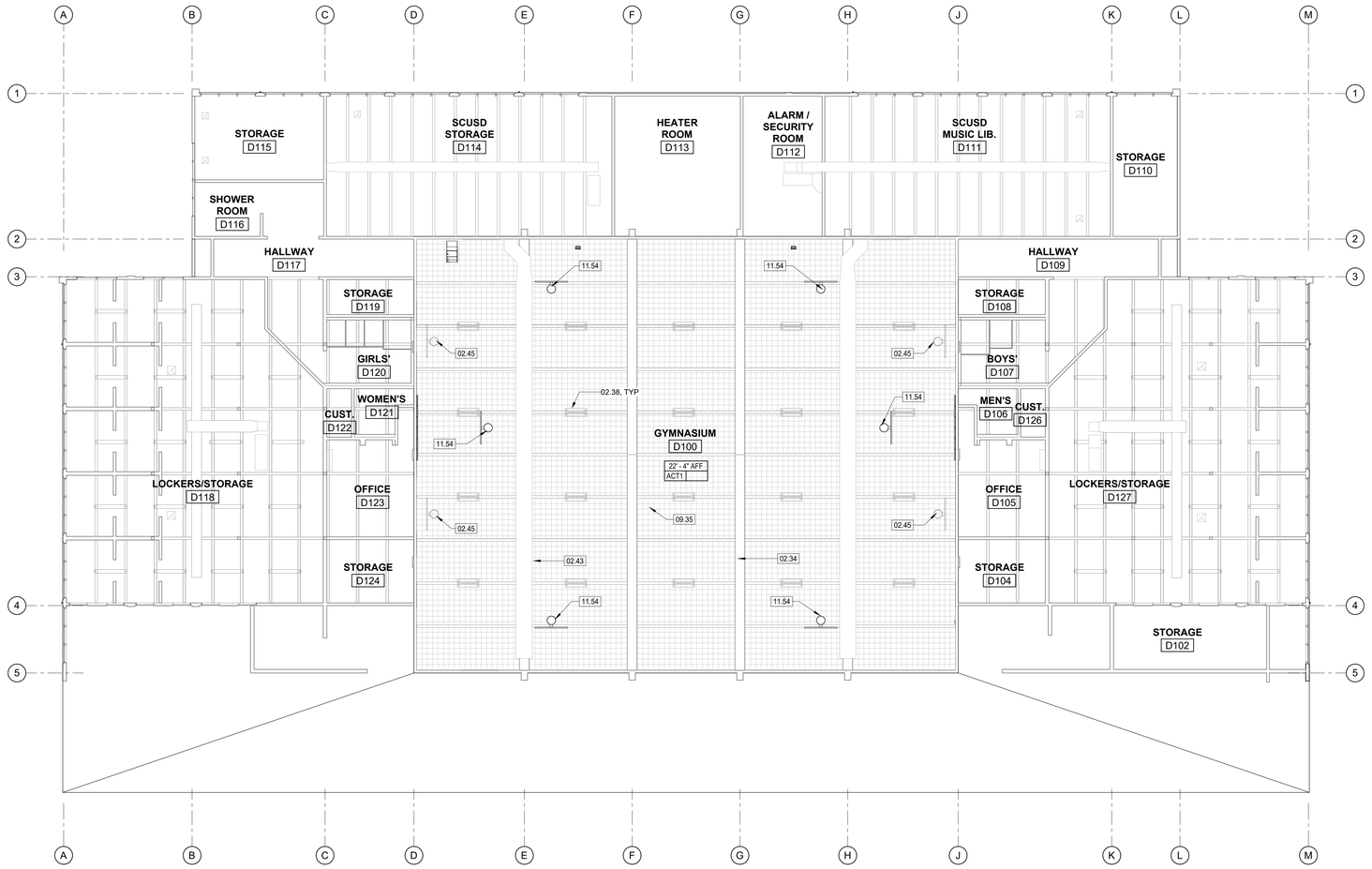
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**A2.25**

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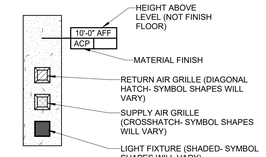


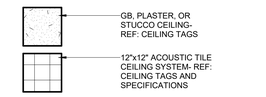

## REFLECTED CEILING PLAN 1
3/32" = 1'-0"

## LEGEND- RCP'S

**BUILDING ELEMENTS**

- EXISTING PARTITION TO REMAIN
- TEMPORARY PARTITION
- PARTITION




## GENERAL NOTES- PARTIAL RCP'S

1. DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A0.11. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.
2.

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## KEYNOTES

| | |
|---|---|
| 02.34 | (E) BEAM TO REMAIN; PROTECT IN PLACE, TYP. |
| 02.38 | (E) LIGHT FIXTURE TO REMAIN; PROTECT IN PLACE; CLEAN ALL FIXTURE HOUSING AND LENSES AT ALL SCOPE OF WORK AREAS \| ELEC |
| 02.43 | (E) MECH DUCT TO REMAIN; PROTECT IN PLACE, TYP. |
| 02.45 | (E) BASKETBALL BACKSTOP TO REMAIN |
| 09.35 | ANCHOR (E) CEILING TILE TO (E) FRAMING ABOVE, SEE DETAIL X/X.XX |
| 11.54 | BASKETBALL BACKSTOP |

## NOTES

1. ALL (E) DECKING, BEAMS, TRUSSES, STRUCTURE, AND ITS APPURTENANCES SHALL REMAIN U.O.N. PROTECT DURING CONSTRUCTION

FACILITY:

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**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**REFLECTED CEILING PLAN**

**PROGRESS**

DATE: **03/26/26**

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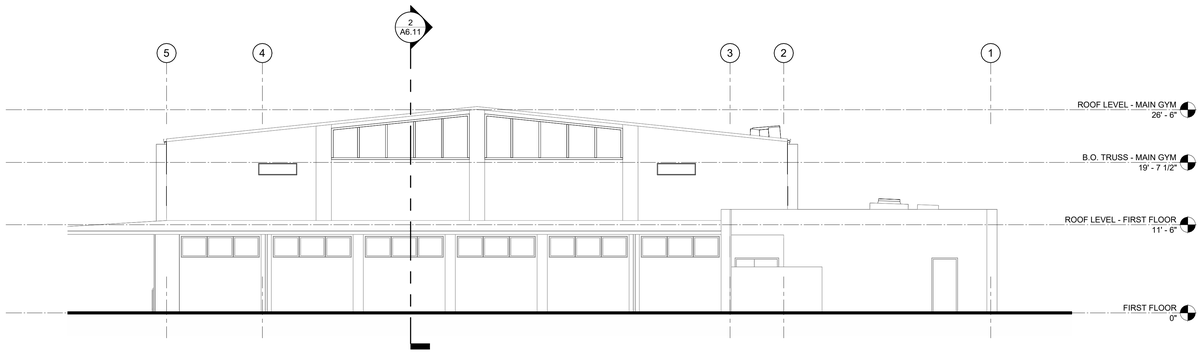
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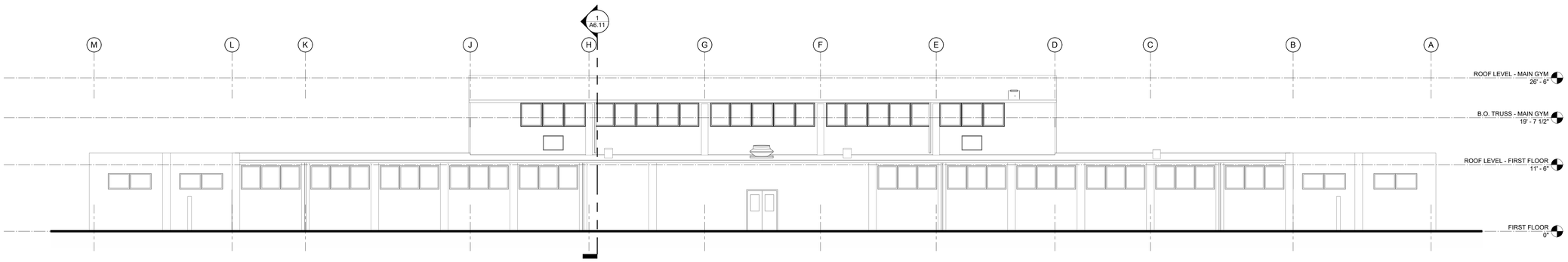
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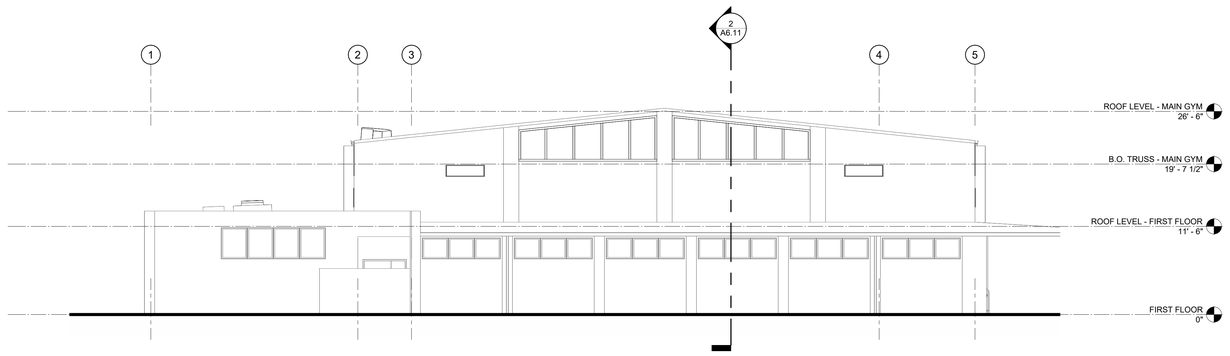
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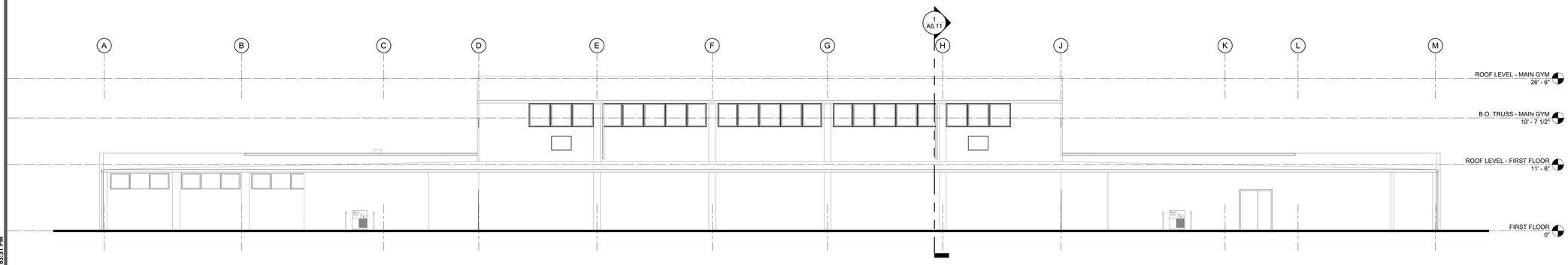

**ELEVATION - EXTERIOR - SOUTH** **1**
1/8" = 1'-0"




**ELEVATION - EXTERIOR - EAST (REAR)** **2**
1/8" = 1'-0"




**ELEVATION - EXTERIOR - NORTH** **3**
1/8" = 1'-0"




**ELEVATION - EXTERIOR - WEST (FRONT)** **4**
1/8" = 1'-0"

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## KEYNOTES

## NOTES

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PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**EXTERIOR ELEVATIONS**

**PROGRESS**

DATE: **03/26/26**

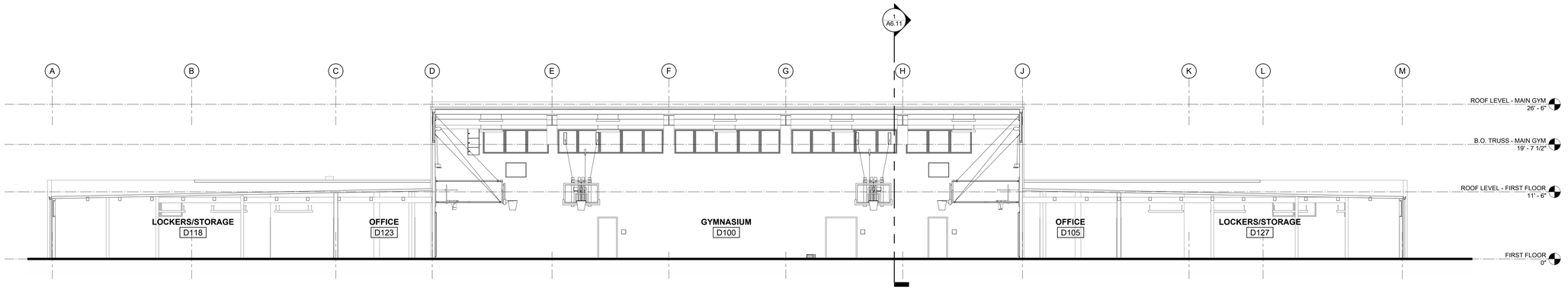
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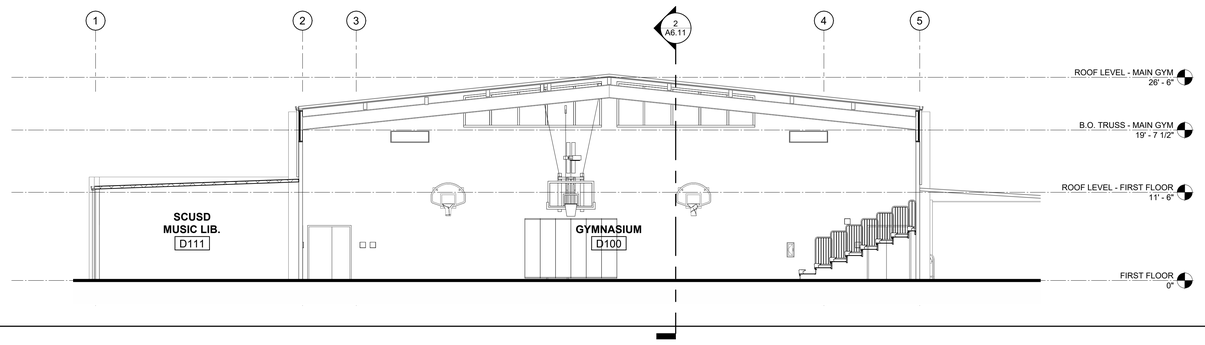
# A5.11

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**LONGITUDINAL SECTION** 2
1/8" = 1'-0"




**TRANSVERSE SECTION** 1
1/8" = 1'-0"

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**KEYNOTES**

**NOTES**

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PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**BUILDING SECTIONS**

**PROGRESS**

DATE: **03/26/26**

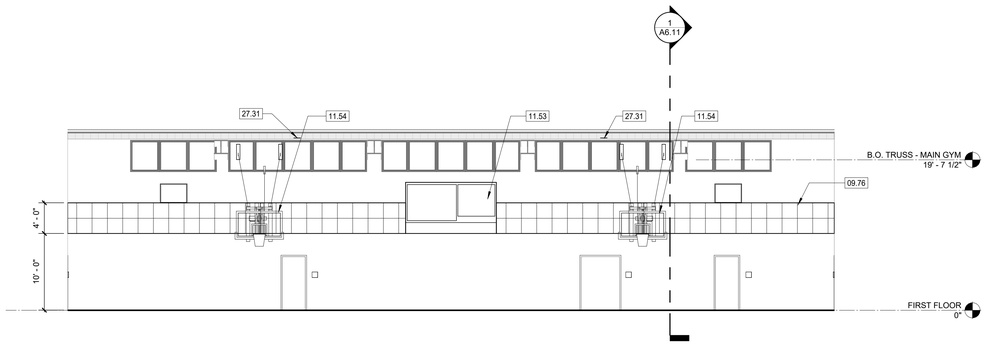
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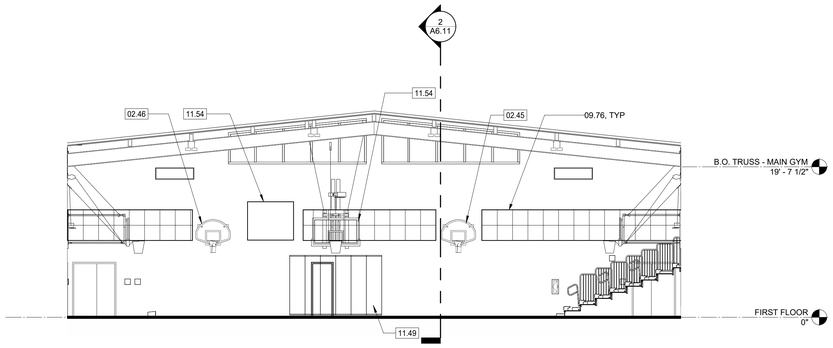
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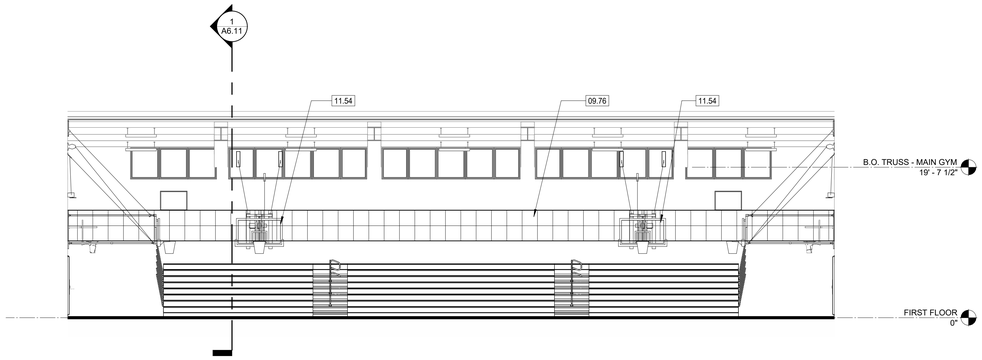
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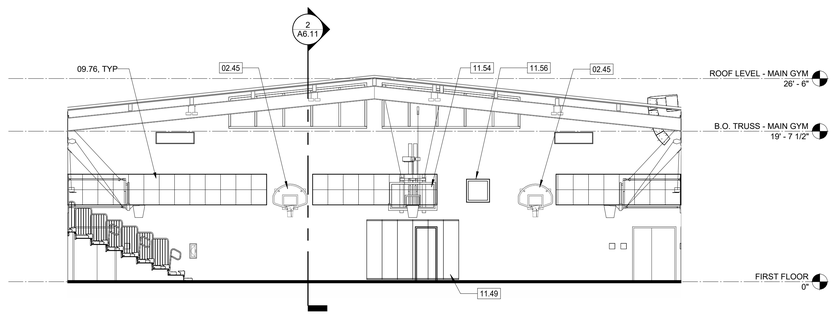

INTERIOR ELEVATION - EAST **3**
1/8" = 1'-0"




INTERIOR ELEVATION - NORTH **4**
1/8" = 1'-0"




INTERIOR ELEVATION - WEST **2**
1/8" = 1'-0"




INTERIOR ELEVATION - SOUTH **1**
1/8" = 1'-0"

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## KEYNOTES

| | |
|---|---|
| 02.45 | (E) BASKETBALL BACKSTOP TO REMAIN |
| 02.46 | (E) WALL MOUNTED BACKSTOP TO REMAIN PROTECTED IN PLACE |
| 09.76 | ACOUSTICAL WALL PANEL \| XX/A10.XX |
| 11.49 | PROTECTIVE WALL PADDING \| XX/A10.XX |
| 11.53 | VIDEOSCORE BOARD \| ELECT |
| 11.54 | BASKETBALL BACKSTOP |
| 11.56 | SHOT CLOCK \| ELECT |
| 27.31 | SPEAKER \| TECHNOLOGY |

## NOTES

FACILITY:

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**SACRAMENTO, CA 95822**

PROJECT:

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SHEET NAME:

**INTERIOR ELEVATIONS**

**PROGRESS**

DATE: **03/26/26**

CLIENT PROJ NO:

SHEET:

# A8.11

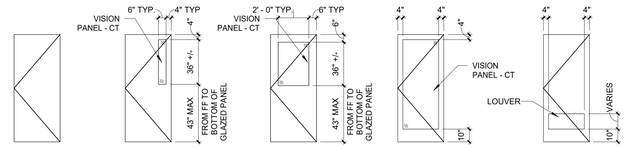
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# GENERAL NOTES

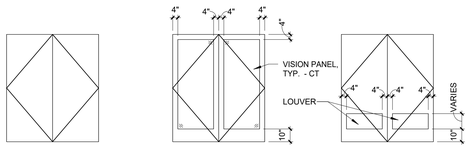
1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR SCHEDULE FOR DOOR TYPES USED.
2. FIRE DOORS, FIRE WINDOWS AND FIRE DAMPERS SHALL HAVE AN APPROVED LABEL OR LISTING MARK, INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT THE FACTORY WHERE FABRICATION AND ASSEMBLY ARE DONE.
3. SMOKE BARRIER DOORS INSTALLED ACROSS THE CORRIDORS AND EXIT ACCESS DOORS LOCATED AT ZONE BOUNDARIES SHALL BE EQUIPPED WITH APPROVED VISION PANELS.
4. ALL SMOKE BARRIER DOORS LOCATED ON THE FLOOR OR IN THE AFFECTED ZONE SHALL COMPLY WITH CBC SECTION 716.2.6.6 AND SHALL BE AUTOMATIC CLOSING UPON ACTIVATION OF THE FIRE ALARM OR FIRE SPRINKLER SYSTEM.
5. ALL DOORS IN THE SMOKE BARRIERS AND OPENING INTO RATED EXIT WAYS SHALL BEAR AN APPROVED LABEL BEARING THE LETTER "S" (CBC 716.2.9.3)
6. ALL INTERIOR DOORS IN A 2-HOUR EXIT ENCLOSURE SHALL BE PROTECTED BY A FIRE ASSEMBLY OF NOT LESS THAN 90 MINUTES. THE MAXIMUM TRANSMITTED TEMPERATURE END POINT FOR SUCH DOORS SHALL NOT EXCEED 450 DEGREES F ABOVE AMBIENT AT THE END OF 30 MINUTES OF THE FIRE EXPOSURE SPECIFIED IN CBC 716.2.2.3.
7. FIRE ASSEMBLIES REQUIRED TO HAVE 1 1/2 HOURS, 1 HOUR OR 3/4 HOUR FIRE PROTECTION RATING SHALL BE EITHER AUTOMATIC OR SELF CLOSING FIRE ASSEMBLIES. AUTOMATIC CLOSING FIRE ASSEMBLIES TO BE ACTIVATED BY AN INCREASE IN TEMPERATURE SHALL HAVE HEAT-ACTUATING DEVICES INSTALLED ON EACH SIDE OF THE WALL AT THE CEILING HEIGHT WHERE THE CEILING IS MORE THAN 3 FEET ABOVE THE TOP OF THE OPENING OR BY A SINGLE FUSIBLE LINK IN THE OPENING INCORPORATED IN THE CLOSING DEVICE.
8. GLASS:
   A. INTERIOR DOORS:
      1. NON-RATED DOORS SHALL HAVE 1/4" CLEAR TEMPERED GLASS MIN, UNO.
      2. ALL RATED DOORS SHALL HAVE 1/4" CLEAR FIRE RATED GLASS MN, UNO.
   B. MAXIMUM GLASS IN FIRE RATED DOORS:
      1. 20 MINUTE DOORS: 1296 SQUARE INCHES MAXIMUM.
      2. 60 MINUTE DOORS: 100 SQUARE INCHES MAXIMUM.
      3. 90 MINUTE DOORS: 100 SQUARE INCHES MAXIMUM PER LITE.
9. GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT, AND AS SUCH SHALL BE REQUIRED TO BE COMPOSED OF SAFETY GLAZING:
   A. INGRESS AND EGRESS DOORS.
   B. FIXED PANELS IN SWINGING DOORS.
   C. GLAZING IN FIXED PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR ON A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
   D. GLAZING IN INDIVIDUAL FIXED PANELS WHERE:
      1. THE EXPOSED AREA OF THE INDIVIDUAL PANE EXCEEDS 9 SQUARE FEET.
      2. THE EXPOSED BOTTOM EDGE IS LESS THAN 18 INCHES ABOVE THE FLOOR.
      3. THE EXPOSED TOP EDGE IS GREATER THAN 36 INCHES ABOVE THE FLOOR.
      4. ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.
10. EACH LIGHT OF THE GLAZING SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. WHEN APPROVED BY THE AGENCY, LABELS MAY BE OMITTED FROM OTHER THAN SAFETY GLAZING MATERIALS, PROVIDED AN AFFIDAVIT IS FURNISHED BY THE GLAZING CONTRACTOR CERTIFYING THAT EACH LIGHT IS GLAZED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. IDENTIFICATION OF GLAZING IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND READABLE FROM THE INSIDE OF THE BUILDING AFTER INSTALLATIONS.
11. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
12. PANIC HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF CBC SECTION 1010.1.10. THE ACTIVATING MEMBER SHALL BE MOUNTED AT A HEIGHT OF NOT LESS THAN 36 INCHES NOR MORE THAN 44 INCHES ABOVE THE FLOOR. THE UNLATCHING FORCE SHALL NOT EXCEED 15 POUNDS WHEN APPLIED IN THE DIRECTION OF TRAVEL.
13. DOOR ASSEMBLIES, APPROACHES AND FINISH HARDWARE SHALL BE IN COMPLIANCE WITH DISABLED ACCESS CONSTRUCTION STANDARDS.
14. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:
   A. EXTERIOR DOORS = 5.0 POUNDS
   B. INTERIOR DOORS = 5.0 POUNDS
   C. FIRE DOORS = 15.0 POUNDS
15. DOOR OPENING LOCATIONS:
   A. IMMEDIATELY 6" FROM F.O.S. ADJACENT TO A FLANKING WALL U.N.O.
   B. DOOR OPENINGS IN OTHER LOCATIONS ARE LOCATED BY DIMENSIONS.
16. SEE SPECIFICATIONS FOR HARDWARE SCHEDULE
17. FINISH FLOOR TRANSITIONS OCCUR AT CENTERLINE OF DOORS, UNLESS NOTED OTHERWISE
18. ALL INTERIOR DOORS WITH FIRE-RATINGS GREATER THAN 20 MINUTE SHALL HAVE A NONCOMBUSTIBLE SILL WITH AN UNDERCUT OF 3/8" MAXIMUM ABOVE THE SILL.
19. MIN. 32" CLEAR WIDTH: AT LEAST ONE ACTIVE LEAF TO MEET 32" CLEAR WIDTH.
20. THE BOTTOM 10 INCHES OF ALL DOORS AND GATES TO HAVE SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION (CBC. 11B-404.2.10).
21. DOOR THRESHOLD NOT TO EXCEED 1/2" WITH BEVELED SLOPE NOT MORE THAN 2:1 FOR THE UPPER 1/4" (CBC. 11B-303.3).
22. EACH LIGHT OF SAFETY GLAZING MATERIAL IN HAZARDOUS LOCATIONS AS DEFINED IN CBC SECTION 2406 OF CHAPTER 24, "GLASS AND GLAZING," SHALL BE IDENTIFIED BY A LABEL WHICH WILL SPECIFY THE LABELER, WHETHER THE MANUFACTURER OR INSTALLER, AND STATE THAT SAFETY GLAZING MATERIAL HAS BEEN UTILIZED IN SUCH INSTALLATIONS. THE LABEL SHALL BE LEGIBLE AND VISIBLE FROM THE INSIDE OF THE BUILDING AFTER INSTALLATION AND SHALL SPECIFY THAT THE LABEL SHALL NOT BE REMOVED.
23. EACH PANE SHALL BEAR THE MANUFACTURER'S MARK DESIGNATING THE TYPE AND THICKNESS OF THE GLASS OR GLAZING MATERIAL. SAFETY GLAZING SHALL BE IDENTIFIED IN ACCORDANCE WITH CBC SECTION 2406.3. EACH PANE OF TEMPERED GLASS, EXCEPT TEMPERED SPANDREL GLASS, SHALL BE PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION MARK SHALL BE ACID ETCHED, SAND BLASTED, CERAMIC FIRED, LASER ETCHED, EMBOSSED OR OF A TYPE THAT, ONCE APPLIED CANNOT BE REMOVED WITHOUT BEING DESTROYED. TEMPERED SPANDREL GLASS SHALL BE PROVIDED WITH A REMOVABLE PAPER MARKING BY THE MANUFACTURER.

# DOOR TYPE LEGEND

PNL-F- XX-
- DOOR PANEL TYPE - SEE BELOW
- DOOR PANEL MATERIAL /FINISH - SEE LEGEND



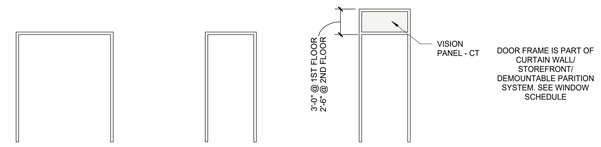

PNL-F | PNL-N | PNL-G | PNL-FG | PNL-L




PNL-F | PNL-FG | PNL-L

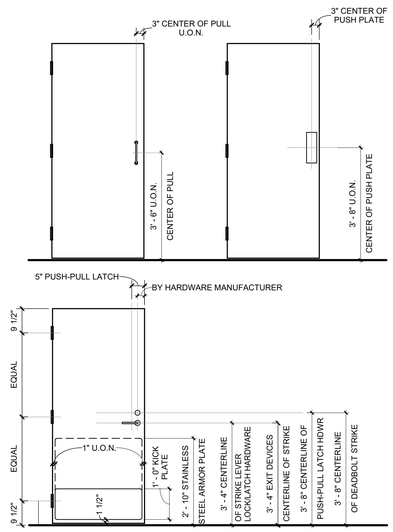
# DOOR FRAME LEGEND

FRM-##XX(#)
- DOOR FRAME TYPE - SEE BELOW
- DOOR FRAME MATERIAL / FINISH - SEE LEGEND
- FRAME PROFILE (WHERE APPLICABLE)




FRM-00HM | FRM-00HM | FRM-10HM | FRM-00AL | FRM-50AL

# TYPICAL FINISH HARDWARE




NOTES:

1. KICK AND ARMOR PLATES TO BE 1/2" FROM EDGE OF DOOR LEAVES FOR PAIR OF DOORS.
2. ARMOR PLATE AFFIXED TO FIRE RATED DOOR SHALL BE LABELED.

# DOOR SCHEDULE

| DOOR | SIZE | | | DOOR | FRAME | FIRE RATING (MINUTES) | HARDWARE GROUP | PANIC HARDWARE | UNDERCUT | DETAIL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WIDTH | | | | | | | | | | | | |
| NUMBER | PANEL 1 | PANEL 2 | HEIGHT | TYPE | TYPE | | | | | HEAD | JAMB | SILL | COMMENTS |

# DOOR MATERIAL/FINISH LEGEND

| | |
|---|---|
| A | ALARM CONTACT |
| AL(#) | ALUMINUM |
| ADG-1 | ACOUSTIC DOOR GASKET |
| AO | AUTOMATIC DOOR OPERATOR |
| CA | CLEAR ANODIZED |
| CL | COMBO LOCK |
| CR | CARD READER |
| CT | CLEAR TEMPERED GLAZING |
| CW | CURTAIN WALL |
| DE | DELAYED EGRESS |
| EB | "PUSH TO EXIT" EMERGENCY BUTTON |
| EL | ELECTRICAL LOCK |
| EMC | ELECTRO MECHANICAL CLOSER |
| FA | FIRE ALARM INTERFACE RELAY |
| FF | FACTORY FINISHED |
| FG | FIRE RATED GLASS |
| FGF | FIRE RATED GLASS & FRAMING |
| HM(#) | HOLLOW METAL |
| ID | INTEGRATED DOOR ASSEMBLY |
| IGU | INSULATED GLAZING UNITS |
| IP | INFILL PANEL |
| KD | KNOCK DOWN FRAME |
| MHO | MAGNETIC HOLD OPEN |
| NR | NOT RATED |
| PH | PANIC HARDWARE |
| PL | PLASTIC LAMINATE |
| PT | PAINT |
| REX | REQUEST TO EXIT MOTION SENSOR |
| RF | RF COPPER SHIELDED NON-FERROUS SYSTEM |
| ST | STAIN GRADE WOOD VENEER |
| SC | SOLID CORE WOOD DOOR |
| SG | SAFETY GLAZING |
| SHD | SHIELDED DOOR FRAME / GLAZING |
| SP | SPANDREL GLAZING |
| STL | STEEL |
| SM | SMOKE BARRIER SEAL |
| SF | STOREFRONT SYSTEM |
| UC | UNDERCUT |
| WD(#) | WOOD |
| WS | WAVE SENSOR |

"#" IN FRAME FINISH DESIGNATION DESCRIBES DOOR FRAME PROFILE ONLY

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## NOTES

1. FOR DOORS INDICATED WITH "ADG-1" SEE ACOUSTIC DOOR GASKET SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS IN ADDITION TO ANY REQUIREMENTS OUTLINED IN THE DOOR HARDWARE GROUP.

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**DOOR SCHEDULE**

**PROGRESS**

DATE: **03/26/26** | CLIENT PROJ NO:

SHEET:

**A9.11**

PLEASE RECYCLE

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## SUSPENDED WOOD CELINGS

| TAG | MANUFACTURER | COLLECTION | COLOR | VENEER CUT | SLAT WIDTH (W) | SLAT LENGTH (L) | SLAT HEIGHT (H) | SLAT PER PANEL OR REVEAL SIZE | NOTE |
|---|---|---|---|---|---|---|---|---|---|
| WDC1 | | | | | | | | | |
| WDC2 | | | | | | | | | |
| WDC3 | | | | | | | | | |
| WDC4 | | | | | | | | | |
| WDC5 | | | | | | | | | |

## STONE FLOORING

| TAG | MANUFACTURER | STONE | COLLECTION | COLOR NAME | COLOR # | PATTERN / SHAPE | SIZE | NOTE |
|---|---|---|---|---|---|---|---|---|
| STNF1 | | | | | | | | |
| STNF2 | | | | | | | | |
| STNF3 | | | | | | | | |
| STNF4 | | | | | | | | |
| STNF5 | | | | | | | | |

## WOOD FLOORING

| TAG | MANUFACTURER | COLOR NAME | COLOR # | FINISH | NOTE |
|---|---|---|---|---|---|
| WDF1 | | | | | |
| WDF2 | | | | | |
| WDF3 | | | | | |
| WDF4 | | | | | |
| WDF5 | | | | | |

## WOOD ATHLETIC FLOORING

| TAG | MANUFACTURER | COLOR NAME | COLOR # | FINISH | NOTE |
|---|---|---|---|---|---|
| WDAF11 | | | | | |
| WDAF2 | | | | | |
| WDAF3 | | | | | |
| WDAF4 | | | | | |
| WDAF5 | | | | | |

## RESILIENT FLOORING

| TAG | MANUFACTURER | TYPE | COLLECTION | STYLE | COLOR NAME | COLOR # | FINISH | SIZE | GUAGE | INSTALL DIRECTION | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SVT1 | | | | | | | | | | | |
| SVT2 | | | | | | | | | | | |
| SVT3 | | | | | | | | | | | |
| SVT4 | | | | | | | | | | | |
| SVT5 | | | | | | | | | | | |

## RESILIENT BASE & ACCESSORIES

| TAG | MANUFACTURER | TYPE | COLOR NAME | COLOR # | HEIGHT | NOTE |
|---|---|---|---|---|---|---|
| RB1 | | | | | | |
| RB2 | | | | | | |
| RB3 | | | | | | |
| RB4 | | | | | | |
| RB5 | | | | | | |

## STATIC-CONTROL RESILIENT FLOORING

| TAG | MANUFACTURER | COLLECTION | STYLE | COLOR NAME | COLOR # | SIZE | THICKNESS | NOTE |
|---|---|---|---|---|---|---|---|---|
| SCRF1 | | | | | | | | |
| SCRF2 | | | | | | | | |
| SCRF3 | | | | | | | | |
| SCRF4 | | | | | | | | |
| SCRF5 | | | | | | | | |

## LINOLEUM FLOORING

| TAG | MANUFACTURER | TYPE | COLLECTION | STYLE | COLOR NAME | COLOR # | SIZE | GUAGE | NOTE |
|---|---|---|---|---|---|---|---|---|---|
| LNLT1 | | | | | | | | | |
| LNLT2 | | | | | | | | | |
| LNLT3 | | | | | | | | | |
| LNLT4 | | | | | | | | | |
| LNLT5 | | | | | | | | | |

## RESINOUS MATRIX TERRAZZO FLOORING

| TAG | MANUFACTURER | RESIN COLOR | AGGREGATE TYPE | BLEND COLOR | AGGREGATE SCALE | NOTE |
|---|---|---|---|---|---|---|
| TRZ1 | | | | | | |
| TRZ2 | | | | | | |
| TRZ3 | | | | | | |
| TRZ4 | | | | | | |
| TRZ5 | | | | | | |

## RESINOUS FLOORING

| TAG | MANUFACTURER | COLLECTION | STYLE | COLOR NAME | FINISH | NOTE |
|---|---|---|---|---|---|---|
| RESF1 | | | | | | |
| RESF2 | | | | | | |
| RESF3 | | | | | | |
| RESF4 | | | | | | |
| RESF5 | | | | | | |

## TILE CARPETING

| TAG | MANUFACTURER | COLLECTION | STYLE | COLOR NAME | COLOR # | SIZE | BACKING | INSTALL DIRECTION |
|---|---|---|---|---|---|---|---|---|
| CPTT1 | | | | | | | | |
| CPTT2 | | | | | | | | |
| CPTT3 | | | | | | | | |
| CPTT4 | | | | | | | | |
| CPTT5 | | | | | | | | |

## ARCHITECTURAL WOOD CASEWORK

| TAG | MANUFACTURER | COLOR NAME | COLOR # | FINISH | NOTE |
|---|---|---|---|---|---|
| PLAM1 | | | | | |
| PLAM2 | | | | | |
| PLAM3 | | | | | |
| PLAM4 | | | | | |
| PLAM5 | | | | | |

## FLUSH WOOD PANELING

| TAG | MANUFACTURER | COLLECTION | SIZE | VENEER SPECIES | MOUNTING | NOTE |
|---|---|---|---|---|---|---|
| VFP1 | | | | | | |
| VFP2 | | | | | | |
| VFP3 | | | | | | |
| VFP4 | | | | | | |
| VFP5 | | | | | | |

## PLASTIC PANELING

| TAG | MANUFACTURER | COLLECTION | COLOR NAME | COLOR # | FINISH | NOTE |
|---|---|---|---|---|---|---|
| FRP1 | | | | | | |
| FRP2 | | | | | | |
| FRP3 | | | | | | |
| FRP4 | | | | | | |
| FRP5 | | | | | | |

## DECORATIVE GLASS GLAZING

| TAG | MANUFACTURER | GLAZING TYPE | GUAGE | COLOR NAME | COLOR # | FRONT TEXTURE / FINISH | PATTERN / INTERLAYER | REAR TEXTURE / FINISH | EDGE FINISH | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|
| DGL1 | | | | | | | | | | |
| DGL2 | | | | | | | | | | |
| DGL3 | | | | | | | | | | |
| DGL4 | | | | | | | | | | |
| DGL5 | | | | | | | | | | |

## DECORATIVE PLASTIC GLAZING

| TAG | MANUFACTURER | MATERIAL | STYLE | GUAGE | COLOR NAME | COLOR # | FRONT FACE FINISH | REAR FACE FINISH | NOTE |
|---|---|---|---|---|---|---|---|---|---|
| DPGL1 | | | | | | | | | |
| DPGL2 | | | | | | | | | |
| DPGL3 | | | | | | | | | |
| DPGL4 | | | | | | | | | |
| DPGL5 | | | | | | | | | |

## GLAZING SURFACE FILM

| TAG | MANUFACTURER | TYPE | COLLECTION | PATTERN / SHAPE | COLOR | NOTE |
|---|---|---|---|---|---|---|
| GSF1 | | | | | | |
| GSF2 | | | | | | |
| GSF3 | | | | | | |
| GSF4 | | | | | | |
| GSF5 | | | | | | |

## TILING

| TAG | MANUFACTURER | APPLICATION | COLLECTION | COLOR NAME | COLOR # | FINISH | SIZE | JOINT WIDTH | GROUT | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|
| CT1 | | | | | | | | | GT1 | |
| CTB1 | | | | | | | | | GT1 | |
| GT1 | | | | | | | - | - | - | |

## STONE TILING

| TAG | MANUFACTURER | APPLICATION | STONE | COLLECTION | COLOR NAME | COLOR # | PATTERN / SHAPE | SIZE | NOTE |
|---|---|---|---|---|---|---|---|---|---|
| STNT1 | | | | | | | | | |
| STNT2 | | | | | | | | | |
| STNT3 | | | | | | | | | |
| STNT4 | | | | | | | | | |
| STNT5 | | | | | | | | | |

## ACOUSTICAL PANEL CEILINGS

| TAG | MANUFACTURER | COLLECTION | EDGE TYPE | PANEL SIZE | PANEL COLOR | GRID SIZE | GRID COLLECTION | NOTE |
|---|---|---|---|---|---|---|---|---|
| ACP1 | | | | | | | | |
| ACP2 | | | | | | | | |
| ACP3 | | | | | | | | |
| ACP4 | | | | | | | | |
| ACP5 | | | | | | | | |

## ACOUSTICAL METAL PAN CEILINGS

| TAG | MANUFACTURER | COLLECTION | SIZE | PANEL COLOR | PATTERN / SHAPE | PERFORATION | NOTE |
|---|---|---|---|---|---|---|---|
| AMPC1 | | | | | | | |
| AMPC2 | | | | | | | |
| AMPC3 | | | | | | | |
| AMPC4 | | | | | | | |
| AMPC5 | | | | | | | |

## METAL PAN CEILINGS

| TAG | MANUFACTURER | COLLECTION | SIZE | PANEL COLOR | PATTERN / SHAPE | NOTE |
|---|---|---|---|---|---|---|
| MPC1 | | | | | | |
| MPC2 | | | | | | |
| MPC3 | | | | | | |
| MPC4 | | | | | | |
| MPC5 | | | | | | |

MAKE SURE TO REVIEW ALL SECTIONS NEEDED FOR YOUR PROJECT. REMOVE THOSE THAT DO NOT APPLY FROM IDEATE STICKY AND REORGANIZE SCHEDULES AS NEEDED ON SHEET(S) ACCORDINGLY.

# GENERAL FINISH NOTES

# PAINT SHEEN SCHEDULE

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## KEYNOTES

## NOTES

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**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**INTERIOR FINISH SCHEDULE**

PROGRESS

DATE: **03/26/26**

CLIENT PROJ NO:

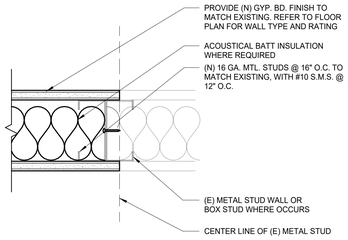
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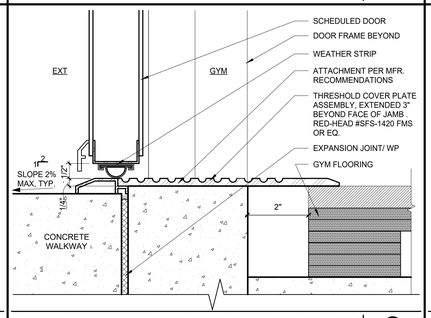
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NOTES:
1. AT RATED WALLS, 5/8" TYPE 'X' GYP. BD. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS.
2. UL #U419

**OPENING INFILL** 1
3" = 1'-0"




**08.001A - EXTERIOR DOOR THRESHOLD @ GYM** 2
6" = 1'-0"

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## KEYNOTES

## NOTES

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**EXTERIOR DETAILS**

**PROGRESS**

DATE: **03/26/26**

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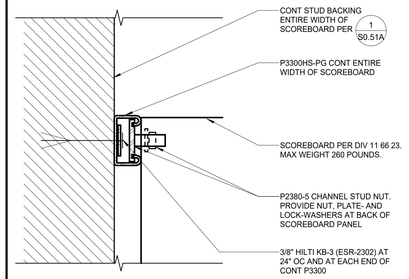
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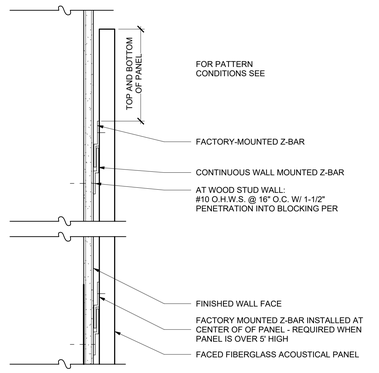
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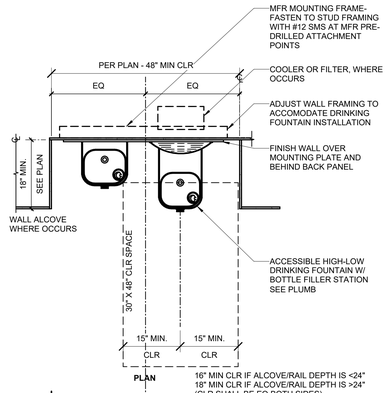



05.056

**05.056 - SCOREBOARD ATTACHMENT AT FRAMED WALL** **8** 6" = 1'-0"

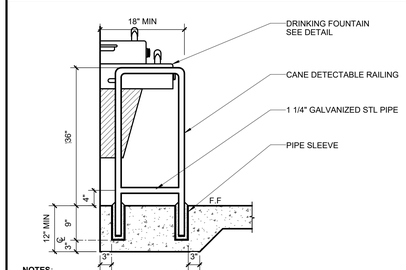



**ACOUSTICAL WALL PANEL** **7** 3" = 1'-0"




22.02.01.01

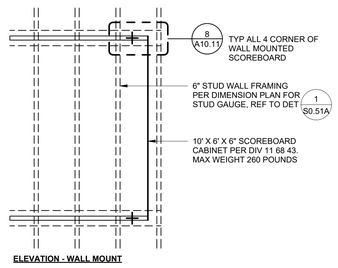
**DRINKING FOUNTAIN DETAILS** **3** 3/4" = 1'-0"




**NOTES**:
1. ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH, U.N.O.
2. GUARDRAIL MUST PROJECT BEYOND FRONT EDGE OF DRINKING FOUNTAIN

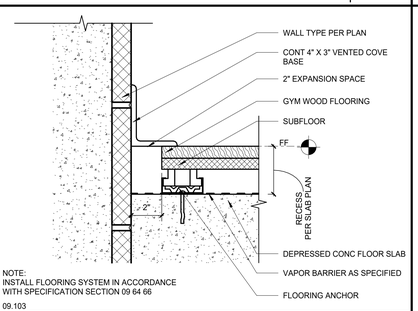
05.52.12.01

**CANE DETECTABLE RAILING AT DRINKING FOUNTAIN** **1** 3/4" = 1'-0"




05.055

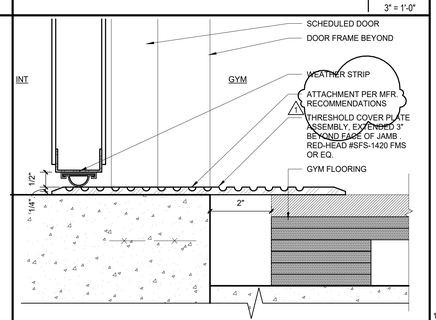
**05.055 - ENLARGED SCOREBOARD MOUNTING - ELEVATION** **9** 1/2" = 1'-0"



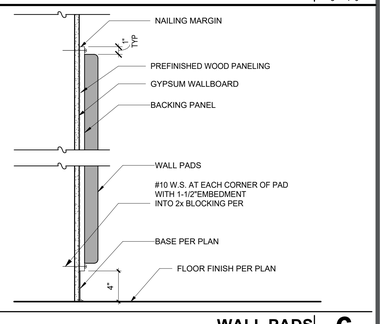

NOTE:
INSTALL FLOORING SYSTEM IN ACCORDANCE WITH SPECIFICATION SECTION 09 64 66

09.103

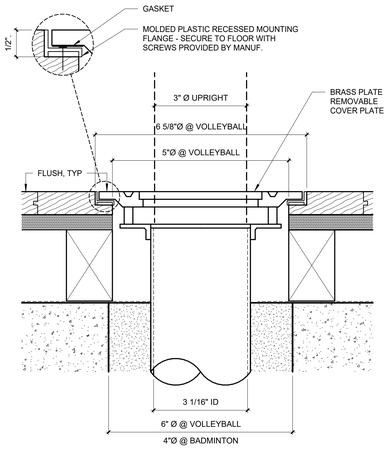
**VENTED COVE BASE @ GYM** **4** 3" = 1'-0"




**INTERIOR DOOR THRESHOLD @ GYM** **2** 6" = 1'-0"




**WALL PADS** **6** 1 1/2" = 1'-0"




11.663

**GYM FLOOR POST SLEEVE** **5** 6" = 1'-0"

PLEASE RECYCLE

Autodesk Docs://3186081000 SCUSD Leonardo De Vinci MS Gym Mod R24/3186081000-A-SCUSD-MS-GYM-MOD.rvt
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**AGENCY APPROVAL:**

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**ISSUE**

| Δ | DESCRIPTION | DATE |
|---|---|---|
| 1 | Revision 1 | Date 1 |

## KEYNOTES

## NOTES

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**INTERIOR DETAILS**

**PROGRESS**

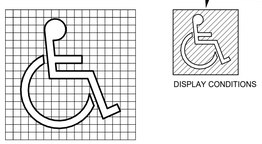
DATE: **03/26/26**

CLIENT PROJ NO:

SHEET:

# A10.11

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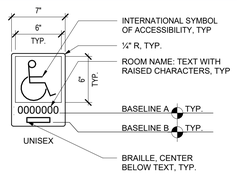



ALL ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST 1 STANDARD SIGN, WHITE FIGURE ON BLUE, 6" SQUARE MIN.

PROVIDE DIRECTIONAL SIGNS AS REQUIRED (MIN. 2 PER ENTRY) TO PERSONS ON PEDESTRIAN WAY APPROACHING ENTRY.

## SYMBOL OF ACCESSIBILITY 8

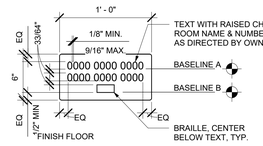
1 : 1




TOILET ROOM IDENTIFICATION SIGN

NOTES: (COMPLY W/ CBC 11B-703)

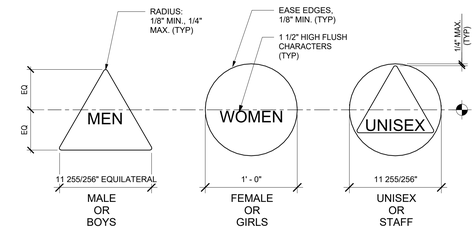
- MATERIAL TO BE 1/4" THICK W/ EASED EDGES
- COLOR OF BACKGROUND TO CONTRAST W/ COLOR OF DOOR (70%)
- COLOR OF SYMBOL AND LETTERS TO CONTRAST W/ BACKGROUND
- ALL BRAILLE IS CA CONTRACTED (GRADE 2) PER CBC 11B-703.3




ROOM IDENTIFICATION SIGN

NOTES: (COMPLY W/ CBC 11B-703)

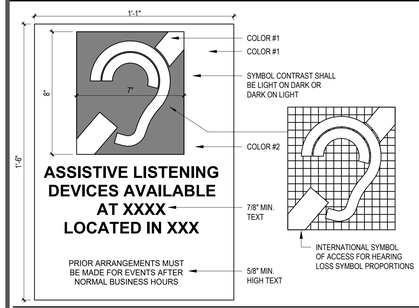
- CHARACTERS TO BE 1" HIGH.
- VERIFY ROOM NAME BEFORE FABRICATION.
- **BASELINE A (BOT. OF HIGHEST LEVEL OF TEXT) = 59" A.F.F MAX., BASELINE B (LOWEST LINE OF BRAILLE) = 49" A.F.F MIN. (REFER TO 4/A10.31 FOR ACTUAL HEIGHT AND LOCATION).**




TOILET ROOM DOOR SYMBOLS

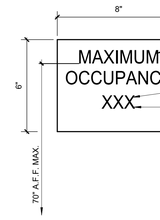
## TYPICAL SIGNAGE 9

1 1/2" = 1'-0"




## ASSISTIVE LISTENING SIGN (NON-TACTILE) 7

3" = 1'-0"

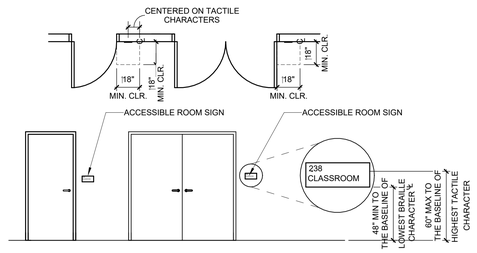



**NOTE:** SEE TBD FOR ADDITIONAL INFORMATION.

10.14.11.01

## OCCUPANT LOAD SIGN 6

3" = 1'-0"




**NOTES:**

1. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING IS LIMITED TO 90 DEGREE, MOUNT SIGN 9" FROM EDGE OF DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING EXCEEDS 90 DEGREES, MOUNT SIGN AT DOOR WIDTH PLUS 9" FROM EDGE OF DOOR. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MIN BY 18" MIN, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND THE 45 DEGREE OPEN POSITION.
2. RESTROOM GEOMETRIC SYMBOLS SHALL BE INSTALLED CENTERED ON THE DOOR. MOUNTING HEIGHT SHALL BE 60" MAX (58" MIN - 60" MAX) ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. THE COLOR AND CONTRAST OF THE SYMBOL SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.
3. AT RESTROOM SIGNAGE, CONTRAST DOOR TO GEOMETRIC SYMBOL 70% LIGHT/DARK.
4. SEE (3 / A10.31) FOR SIGNAGE ON GLAZING.

10.14.02.01

## DOOR SIGNAGE LOCATIONS 5

1/4" = 1'-0"




NOTES:

1. **BASELINE A = 59" A.F.F. MAX, BASELINE B = 49" A.F.F.MIN. (REFER TO 14/A0.2 FOR ACTUAL HEIGHT AND LOCATION).**
2. EACH GRADE - LEVEL EXTERIOR EXIT DOOR, WITH ILLUMINATED EXIT SIGN, SHALL BE IDENTIFIED BY "EXIT".
3. EACH EXIT DOOR FROM AN INTERIOR ROOM, WITH ILLUMINATED EXIT SIGN, SHALL BE IDENTIFIED BY "EXIT ROUTE".
4. EACH DOOR AT STAIRWAYS LEADING TO GRADE - LEVEL EXTERIOR EXIT SHALL BE IDENTIFIED BY "EXIT STAIR DOWN".
5. STAIR LANDINGS SHALL BE IDENTIFIED AS DESCRIBED IN SPECIFICATIONS.
6. EXIT DOORS LEADING TO EXIT BY MEANS OF AN EXIT ENCLOSURE, EXIT PASSAGEWAY OR EXTERIOR BALCONY SHALL BE IDENTIFIED BY "EXIT ROUTE"
7. INCREASE SIZE OF SIGN TO ACCOMMODATE ADDITIONAL TEXT AS NEEDED. CHARACTER HEIGHT, WHEN NOT INDICATED, SHALL BE 5/8" MIN.

## TACTILE EXIT SIGNAGE 4

6" = 1'-0"




10.14.09.01

## SIGN MOUNTING 3

3" = 1'-0"

**MATERIALS KEYNOTES :**

1. SIGN MOUNTING METHOD : SEE DTL. 16/A10.81 FOR SIGN MOUNTING, U.N.O.
2. SIGN MOUNTING HEIGHT: SEE DTL. 2/A10.81 FOR MOUNTING HEIGHT, U.N.O.
3. TEXT SIZE: 5/8" U.N.O.
4. COLOR : ARCHITECT / PROJECT TEAM TO DETERMINE.
5. SIGNAGE (BACKGROUND COLOR) : ARCHITECT / PROJECT TEAM TO DETERMINE.
6. BRAILLE: WHERE BRAILLE IS INDICATED REFER TO DTL (1 / A10.31) FOR REQUIREMENTS.
7. SIGN THICKNESS PER SPECIFICATIONS: ROUNDED EDGES: 1/4" RADIUS.
8. ISA SYMBOLS SHALL BE 4" x 4" UNO .

10.14.01.01

## SIGNAGE MATERIALS AND COLOR KEYNOTES 2

12" = 1'-0"




**BRAILLE MEASUREMENT**
**CBC FIGURE 11B-703.3.1**

**NOTES:**

1. CHARACTER TYPE: CHARACTERS ON SIGN SHALL BE RAISED 1/32" MINIMUM AND SHALL BE "FUTURA MEDIUM" UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" AND A MAXIMUM OF 2" HIGH.
3. FINISH AND CONTRAST: CHARACTERS, SYMBOLS, AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH AND CONTRAST 70% MINIMUM WITH THEIR BACKGROUNDS.

   CHARACTER & SYMBOLS - "APCO" COLOR #A01 WHITE, UNO

   BACKGROUND - "APCO" COLOR #A54 GRAPHITE, UNO

   INTEGRAL COLOR FRAME: "APCO" COLOR PEARL GREY, UNO

   PANEL: 1/4" THICK ACRYLIC PANEL WITH PHOTO POLYMER RAISED TACTILE COPY SUB-SURFACE SYMBOL, UNO
4. BRAILLE: CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHERE BRAILLE IS REQUIRED, DOTS SHALL BE 1/10 INCH ON CENTER IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS AND HAVE DOMED OR ROUNDED TOPS. CBC TABLE 11B-703.3.1.
5. EXTERIOR SIGNS SHALL BE METAL COMPONENTS SUITABLE TO EXTERIOR USE AND SIMILAR TO INTERIOR SIGNS FOR SHAPE AND FORM.




*MEASURED CENTER TO CENTER

**CBC TABLE 11B-703.3.1**

| MEASUREMENT RANGE | MINIMUM IN INCHES MAXIMUM IN INCHES |
|---|---|
| DOT BASE DIAMETER | 0.059 IN TO 0.063 IN |
| DISTANCE BETWEEN TWO DOTS IN THE SAME CELL* | 0.100 IN |
| DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS* | 0.300 IN |
| DOT HEIGHT | 0.025 IN TO 0.037 IN |
| DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW* | 0.395 TO 0.400 IN |

10.14.03.01

## BRAILLE REQUIREMENTS 1

3" = 1'-0"

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| Δ | DESCRIPTION | DATE |
|---|---|---|

## KEYNOTES

## NOTES

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**ACCESSORY ITEM TYPES AND MOUNTING HEIGHTS**

PROGRESS

DATE: **03/26/26**

CLIENT PROJ NO:

SHEET:

**A10.31**

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THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEETS ORIGINAL PAGE SIZE

## ROUGH CARPENTRY - NAILS

1. ALL SPECIFIED NAILS SHALL CONFORM TO A.S.T.M. F1667 OR I.C.C. E.S.R. 1539. ALTERNATE FASTENERS MUST HAVE AN I.C.C. EVALUATION REPORT & MAY NOT BE USED UNLESS APPROVED IN WRITING BY STRUCTURAL ENGINEER. ALL NAILS SHALL BE FULL ROUND HEAD w/ MINIMUM PROPERTIES AS FOLLOWS:

| FRMG NAILS | DIAMETER | LENGTH | PENETRATION |
|---|---|---|---|
| 8d COMMON | 0.131"Ø | $2\frac{1}{2}$" | $1\frac{3}{8}$" |
| 10d COMMON | 0.148"Ø | 3" | $1\frac{1}{2}$" |
| 16d BOX | 0.135"Ø | $3\frac{1}{2}$" | $1\frac{1}{2}$" |
| 16d SINKER | 0.148"Ø | $3\frac{1}{4}$" | $1\frac{1}{2}$" |
| 16d COMMON | 0.162"Ø | $3\frac{1}{2}$" | $1\frac{5}{8}$" |

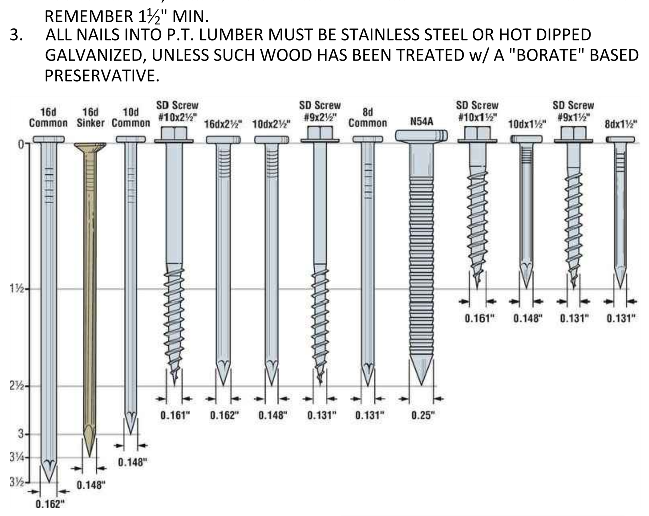
| PLWD NAILS | DIAMETER | LENGTH | PENETRATION |
|---|---|---|---|
| 8d COMMON | 0.131"Ø | $2\frac{1}{4}$" | $1\frac{1}{2}$" |
| 10d COMMON | 0.148"Ø | $2\frac{1}{4}$" | $1\frac{1}{2}$" |

ALL NAILS SHALL BE COMMON WIRE NAILS EXCEPT WHERE SPECIFICALLY NOTED

2. NAILS SHALL BE LOCATED & SPACED TO PREVENT SPLITTING OF WOOD. PREDRILL ALL FASTENERS 75% MAX OF FASTENER DIAMETER WHERE WOOD TENDS TO SPLIT.
3. TOENAILS SHALL BE DRIVEN AT AN ANGLE OF APPROX 30° WITH THE MEMBER AND STARTED APPROX $\frac{1}{3}$ THE LENGTH OF THE NAIL FROM THE MEMBER END.
4. NAILS USED IN HARDWARE SHALL BE THE LARGEST NAIL AS SPECIFIED BY HARDWARE MFR. NAILS THROUGH STRAPS INSTALLED OVER PLYWOOD SHALL BE FULL LENGTH, NOT "TECO" OR PLYWOOD NAILS.
5. MINIMUM NAILING SHALL BE PER **C.B.C. TABLE 2304A.10.2** U.N.O. (SEE TABLE ON THIS SHEET
6. NAILS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, NAILS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER A.S.T.M. A153 CLASS D OR TYPE 316 STAINLESS STEEL. H.D.G. & S.S. NAILS MAY NOT BE REQUIRED IN BORATE TREATED WOOD.
7. SHEATHING NAILS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN ARE FLUSH WITH THE SURFACE OF THE SHEATHING.

## NAILING SCHEDULE

1. THESE NOTES ARE GENERAL/TYPICAL ONLY & MAY BE SUPERCEDED BY SPECIFIC INFO ELSEWHERE IN THE STRL DRWGS. FOR ADNL INFO SEE **2025 C.B.C. TABLE 2304A.10.2**
2. IN GENERAL (2) 10d OR (2) 16d NAILS MAY BE REPLACED w/ (1) **-SDS-** OR **-SDWS-** SCREW, **-SDS-** OR **-SDWS-** SCREWS MUST PENETRATE THE RECEIVING REMEMBER $1\frac{1}{2}$" MIN.
3. ALL NAILS INTO P.T. LUMBER MUST BE STAINLESS STEEL OR HOT DIPPED GALVANIZED, UNLESS SUCH WOOD HAS BEEN TREATED w/ A "BORATE" BASED PRESERVATIVE.




SIMPSON **-SDS-**
0.25"Ø x LENGTH AS NOTED

SIMPSON **-SDWS-**
0.22"Ø x LENGTH AS NOTED

| ROOF | |
|---|---|
| RAFTERS BRNG ON TOP PLATE/BM | 10d TOE NAIL EA SIDE |
| LONG RAFTERS TO FACE OF BM | HNGR PER DETAILS |
| SHORT RAFTERS TO FACE OF BM | (2) 10d TOE NAILS EA SIDE |
| RAFTERS LAP OVER SUPPORT | (4) 10d FACE NAILS |
| BLKG BTWN RAFTERS | (3) 16d END NAILS EA END |

| CEILING | |
|---|---|
| CLG JOIST BRNG ON TOP PLATE/BM | 10d TOE NAIL EA SIDE |
| CLG JOIST TO LEDGER | HNGR PER DETAILS |
| CLG JOIST LAP OVER SUPPORT | (4) 10d FACE NAILS |
| BLKG BTWN CLG JOISTS | (2) 16d END NAILS EA END |
| COLLAR TIE | (4) 16d FACE NAILS EA END |

| WALL | |
|---|---|
| 2x4 STUD TO SILL/TOP PLATE | (2) 16d END NAILS |
| 2x6 STUD TO SILL/TOP PLATE | (3) 16d END NAILS |
| 2x8 STUD TO SILL/TOP PLATE | (4) 16d END NAILS |
| 3x6 STUD TO SILL/TOP PLATE | (3) 10d TOE NAILS EA SIDE |
| 3x8 STUD TO SILL/TOP PLATE | (4) 10d TOE NAILS EA SIDE |
| HDR TO STUD | (8) 16d END NAILS |
| STITCH NAIL STUDS | 16d @ 24" |
| STITCH NAIL STUDS @ SHEAR WALL | 16d @ 6" |
| TOP PLATE LAP SPLICE | (12) 16d FACE NAILS EA SIDE LAP |
| TOP PLATE INTERSECTIONS | (3) 16d FACE NAILS |
| GENERAL TOP PLATE | (2) 16d @ 16" |

| SHEATHING | |
|---|---|
| ROOF PLWD | 8d @ 6-6-12 |
| WALL PLWD | 8d @ 6-6-12 |
| MISC 1x SHEATHING | (2) 10d EA CONTACT |
| MISC 2x SHEATHING | (2) 16d EA CONTACT |

## DRAWING STANDARDS

SHEET NUMBERING
- STRUCTURAL SHEETS
- DRAWING TYPE
  - 0 TYPICAL
  - 2 PLANS
  - 3 ELEVATIONS & SECTIONS
  - 4 DETAILS
- SHEET NUMBER WITHIN DRAWING TYPE

S2.01

SYMBOLS

1 / SX.XX — STANDARD DETAIL & LOCATION

X — REFERENCE GRID LINE

## ROUGH CARPENTRY - MATERIALS

1. ALL WORK SHALL CONFORM TO THE **2024 N.D.S.**, U.N.O. SEE ALSO THE PROJECT SPECIFICATIONS.
2. ALL SAWN LUMBER SHALL BE DOUGLAS FIR U.N.O. & HAVE MOISTURE CONTENT NOT TO EXCEED 19% AT TIME OF INSTALLATION. EACH PIECE SHALL BEAR THE STAMP OF W.C.L.I.B. OR W.W.P.A. SHOWING GRADE MARK.
3. ALL COMPOSITE WOOD PRODUCTS (GLULAM, L.V.L. OR L.S.L.) SHALL BE PROTECTED FROM EXPOSURE & EXCESSIVE MOISTURE IN ACCORDANCE w/ THE MANUFACTURER'S SPECIFICATIONS. MAX MOISTURE CONTENT OF 16% PRIOR TO MEMBERS BEING WRAPPED OR ENCLOSED.
4. ALL SAWN LUMBER TO BE SPECIES & GRADE AS NOTED BELOW U.N.O.:

| MEMBER | SPECIES & GRADE |
|---|---|
| 2x & 3x STUDS | D.F. #2 |
| 2x & 3x PLATES | D.F. #2 |
| 2x JOISTS/RAFTERS | D.F. #1 |
| 4x HEADERS/BEAMS | D.F. #1 |
| 4x COLUMNS/POSTS | D.F. #1 |
| 6x & LARGER HEADERS | D.F. SEL STRL |
| 6x & LARGER COLUMNS | D.F. SEL STRL |

   A. MATERIAL EXPOSED TO WEATHER OR IN CONTACT w/ CONCRETE OR MASONRY SHALL BE PRESSURE TREATED
   B. OPTIONAL FOR EXPOSED 8x BEAMS & POSTS TO BE #1 A.C. IN LIEU OF TREATED D.F.
   C. STUDS TALLER THAN 12'-0" SHALL BE D.F. #1
5. PRESERVATIVE TREATED & PRESSURE TREATED LUMBER:
   D. SAWN LUMBER TO BE PROTECTED FROM EARTH, WEATHER & CONCRETE/MASONRY OR WOOD SHALL BE TREATED
   E. PRESERVATIVE TREATMENT & CLEARANCES TO SOIL OR CONCRETE SHALL BE PER **C.B.C. §2303.1.9** & **§2304.12.1.2**
   F. FIELD CUTS & HOLES IN TREATED LUMBER SHALL BE PROTECTED IN ACCORDANCE w/ A.W.P.A. STANDARD M4
   G. CONTRACTOR TO COORDINATE WITH TREATED WOOD SUPPLIER TO DETERMINE THE APPROPRIATE LEVEL OF CORROSION PROTECTION FOR HARDWARE & FASTENERS IN CONTACT WITH WOOD TREATED WITH CORROSIVE CHEMICALS.
   H. IN GENERAL, BORATE TREATED WOOD DOES NOT TRIGGER THE NEED FOR H.D.G OR S.S. FASTENERS. HOWEVER, BORATE TREATED WOOD IS NOT SUITABLE FOR EXTERIOR CONDITIONS EXPOSED TO WEATHER (TRELLIS, DECK, FENCE).
   I. EXTERIOR CONDITIONS REQUIRE COPPER-ARSENIC SALT BASED PRESERVATIVES, OR EQUIV, AND REQUIRED H.D.G. OR S.S. FASTENERS FOR ALL FASTENERS < $\frac{1}{2}$"Ø. THIS APPLIES TO ALL NAILS, SCREWS, STAPLES, ETC. IN STRUCTURAL FRAMING & FINISH (DRYWALL SCREWS, STUCCO STAPLES).
6. ALL WOOD PANEL STRUCTURAL SHEATHING SHALL BE STAMPED w/ A.P.A. TRADEMARK AND CONFORM TO MOST CURRENT EDITION OF P.S.-1. USE THICKNESS & NAILING AS SHOWN ON DRAWINGS. SHEATHING SHALL HAVE EXPOSURE RATING AS APPROPRIATE FOR ON-SITE EXPOSURE CONDITIONS DURING CONSTRUCTION & IN FINAL CONDITION.
7. STRUCTURAL COMPOSITE LUMBER:
   A. LAMINATED VENEER LUMBER (L.V.L.): 2600Fb 1.9E BY WEYERHAEUSER PER I.C.C. E.S.R. 1387
   B. LAMINATED STRAND LUMBER (L.S.L.): 1700Fb 1.3E BY WEYERHAEUSER PER I.C.C. E.S.R. 1387
8. FRAMING:
   A. ALL FRAMING SHALL BE LEVEL, PLUMB, TRUE TO LINE, ACCURATE, SQUARE, NEAT, ETC.
   B. CUSTOM CUT, SHAPE, RIP, BEVEL, PLANE, ETC. ALL MATERIAL AS IS REQUIRED FOR TIGHT FITTING, EVEN BEARING CONNECTIONS AS SHOWN IN STRUCTURAL DRAWINGS.
   C. COUNTERSINK 1" MAX AT 3x & LARGER MEMBERS AS REQ TO CONCEAL BOLT HEADS, NUTS & WASHERS. DO NOT COUNTERSINK 2x & SMALLER MEMBERS.
   D. BOUNDARY NAIL ALL ROOF & WALL PLYWOOD AS SHOWN OR NOTED IN STRUCTURAL DRAWINGS. PROVIDE ADDITIONAL BOUNDARY NAILING TO, FRAMING 3x & LARGER, POSTS, BEAMS & AROUND ALL PLYWOOD EDGES AT DOORS, WINDOWS, ETC.
   E. DO NOT OVERCUT PLYWOOD SHEAR WALL PANELS AT PENETRATIONS, J-BOXES, ETC. CLEAN CUT ALL HOLES WITHIN $\frac{1}{4}$" MAXIMUM ALL AROUND. SPACE BOXES OUT WITH AT LEAST ONE STUD BAY CLEAR BETWEEN.
9. HOLES IN FRAMING MEMBERS:
   A. NOTCHES ARE NOT PERMITTED IN ANY STRUCTURAL MEMBER WITHOUT FIRST RECEIVING WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.
   B. DEFECTS IN THE WOOD, SUCH AS KNOTS, SHALL BE CONSIDERED HOLES. SPACE NEW HOLES AWAY FROM DEFECTS AS SHOWN IN TYPICAL HOLE DETAIL **-/S-000**
   C. HOLES THRU TOP PLATES GREATER THAN ONE-THIRD OF THE WIDTH OF THE TOP PLATE SHALL BE PATCHED EACH SIDE WITH A **-CTS219-** STRAP w/ #9x$1\frac{1}{2}$" **-SD-** SCREWS.
   D. SILLS MAY BE COMPLETELY CUT EACH SIDE OF AN OBSTRUCTION IF AN ADDITIONAL ANCHOR BOLT IS PLACED WITHIN 6"± OF THE CUT, EACH SIDE OF THE CUT.
   E. DO NOT USE AN INVERTED "V" NOTCH AT THE BOTTOM OF STUDS THAT CONFLICT WITH ANCHOR BOLT LOCATIONS. CUT OFF THE ANCHOR BOLT & INSTALL AN ADDITIONAL WEDGE ANCHOR AS DIRECTED BY STRUCTURAL ENGINEER.
   F. DO NOT CUT/DRILL INTO ANY MANUFACTURED LUMBER (GLULAM, L.V.L. OR L.S.L.) OR PRE-FABRICATED TRUSS COMPONENTS w/o FIRST RECEIVING WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.

## ROUGH CARPENTRY - HARDWARE

1. ALL STEEL CONNECTORS, STRAPS, HANGERS, HARDWARE, ETC SHALL BE BY **SIMPSON STRONG-TIE** OR APPROVED EQUAL U.N.O. ATTACH WITH FASTENERS PER MANUFACTURER TO ACHIEVE THE MAXIMUM TABULATED VALUE.
2. HARDWARE COMPONENTS & FASTENERS INSTALLED AGAINST OR INTO TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS (SEE NOTES ON BORATE TREATED WOOD). AS A MINIMUM, ALL HARDWARE & FASTENERS INTO/AGAINST TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED (G185 MIN FOR HARDWARE) OR STAINLESS STEEL.
3. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
4. NAILS FOR HARDWARE SHALL NOT BE OVERDRIVEN OR DEFORM THE PART. THE CONTRACTOR SHALL VERIFY WITH THE HARDWARE MFR THAT THE PART PUBLISHED CAPACITIES ARE NOT REDUCED AS A RESULT OF THE INSTALLED CONDITION.
5. FASTENER SUBSTITUTIONS FOR HARDWARE ARE NOT ALLOWED UNLESS APPROVED FOR USE BY THE MFR AND THE HARDWARE CAPACITY IS NOT REDUCED.
6. BOLTS, NUTS, ALL-THREAD ROD:
   A. A.S.T.M. A307 GRD A/B MILD STEEL ELECTRO-GALV U.N.O.
   B. ACCURATELY LOCATE & DRILL HOLES MAXIMUM $\frac{1}{16}$" LARGER THAN THE BOLTS.
   C. RE-TIGHTEN ALL NUTS AT THE LATEST PRACTICABLE TIME DURING CONSTRUCTION.
7. LAG SCREWS:
   A. PRE-DRILL FOR THE THREADED PORTION AT 60%-75% OF THE SHANK DIAMETER FOR THE FULL LENGTH OF THE THREAD.
   B. PRE-DRILL AT THE SHANK DIAMETER FOR THE LENGTH OF THE UNTHREADED SHANK
   C. INSTALL LAG SCREWS BY TURNING WITH A WRENCH, NOT DRIVING WITH A HAMMER
   D. SOAP OR OTHER LUBRICANT MAY BE USED TO EASE INSTALLATION OF & PREVENT DAMAGE TO THE LAG SCREW
8. WASHERS AT WOOD CONNECTIONS SHALL BE SQUARE PLATE STEEL WITH THE FOLLOWING MIN DIMENSIONS:

| ANCHOR | WASHER |
|---|---|
| $\frac{1}{2}$"Ø | 2" SQ x $\frac{3}{16}$" |
| $\frac{5}{8}$"Ø | $2\frac{1}{2}$" SQ x $\frac{1}{4}$" |
| $\frac{3}{4}$"Ø | $2\frac{3}{4}$" SQ x $\frac{5}{16}$" |
| $\frac{7}{8}$"Ø | 3" SQ x $\frac{5}{16}$" |
| 1"Ø | $3\frac{1}{2}$" SQ x $\frac{3}{8}$" |

## EPOXY ANCHOR NOTES

1. ALL POST-INSTALLED EPOXY ANCHORS ARE AS FOLLOWS:
   - INTO CONCRETE: HILTI **-HIT HY 200-** PER I.C.C. E.S.R. 4868
   - INTO CONCRETE: SIMPSON **-SET 3G-** PER I.C.C. E.S.R. 4057
   - INTO MASONRY BLOCK: NOT PERMITTED
   - REBAR: PER "CONCRETE" NOTES
   - ALL-THREAD ROD: PER "ROUGH CARPENTRY - HARDWARE" NOTES
2. TESTING:
   - ALL POST-INSTALLED EPOXY ANCHORS SHALL BE TENSION TESTED PER CHAPTER 17A OF THE **2025 C.B.C.** & PER **D.S.A. 103**. ANY EXCEPTION TO THIS WILL BE CLEARLY NOTED ON THE PLANS & APPLIES ONLY TO ITEMS LOADED IN SHEAR, SUCH AS SLAB DOWELS.
   - ALL TESTING SHALL BE DONE BY THE TESTING LABORATORY-OF-RECORD & SHALL BE PERFORMED IN THE PRESENCE OF A SPECIAL INSPECTOR. TESTING SHALL OCCUR AFTER SUFFICIENT CURE TIME, BUT WITHIN 24 HOURS OF THE INSTALLATION OF EACH ANCHOR.
   - TENSION TEST SHALL BE PERFORMED WITH A CALIBRATED HYDRAULIC RAM TO THE SPECIFIED LOAD PER THE TABLES BLW. SUCH LOAD SHALL BE MET FOR 15 SECONDS w/o SHOWING ANY SIGNS OF FAILURE OR FATIGUE.
   - ALL TEST RESULTS SHALL BE SUBMITTED TO D.S.A. & TO THE ARCHITECT & STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO ENCLOSING CONSTRUCTION.
3. ALL POST-INSTALLED EPOXY ANCHORS ARE TO BE INSTALLED PER THE MANUFACTURER'S WRITTEN INSTRUCTIONS FOR EACH ANCHOR PER THE I.C.C. REPORTS LISTED BELOW.
4. ALL ANCHORS SHALL BE CAREFULLY INSTALLED TO AVOID DISTURBING OR DAMAGING THE STEEL REINFORCING IN ANY WAY. ANCHORS MAY NOT BE INSTALLED UNTIL CONCRETE OR GROUT HAS REACHED A MINIMUM AGE OF 28 DAYS.
5. ALL HOLES SHALL BE COMPLETELY DRY & WELL CLEANED WITH A BOTTLE BRUSH & COMPRESSED AIR PRIOR TO INSTALLING THE ANCHORS.
6. ALL POST-INSTALLED ANCHORS SHALL BE INSTALLED ONLY WHERE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS. POST-INSTALLED ANCHORS MAY NOT BE USED AT LOCATIONS OTHER THAN THOSE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
7. GENERAL MINIMUM EMBEDMENT PER THE TABLE BELOW, MAY BE SUPERCEDED AS SPECIFICALLY IDENTIFIED IN EACH APPLICABLE DETAIL.

| EPOXY ANCHORS INTO CONCRETE | | | |
|---|---|---|---|
| HILTI **-HIT HY 200 V3-** PER I.C.C. E.S.R. 4868 OR SIMPSON **-SET 3G-** PER I.C.C. E.S.R. 4057 | | | |
| ANCHOR | MIN EMBED | HOLE DIA Ø | VERIFY ANCHOR EMBEDMENT w/ EA APPLICATION SPECIFIC DETAIL. PROOF LOAD NOTED IN EA APPLICATION SPECIFIC DETAIL. |
| $\frac{3}{8}$"Ø | 4" | $\frac{1}{2}$"Ø | |
| $\frac{1}{2}$"Ø | 6" | $\frac{5}{8}$"Ø | |
| $\frac{5}{8}$"Ø | 8" | $\frac{3}{4}$"Ø | |
| $\frac{3}{4}$"Ø | 12" | $\frac{7}{8}$"Ø | |

## STRUCTURAL STEEL

1. THE FABRICATION & ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE **2025 C.B.C.** & THE **16th EDITION OF A.I.S.C.** STEEL CONSTRUCTION MANUAL 16th EDITION & **A.W.S. D1.1**. SEE ALSO THE PROJECT SPECIFICATIONS.
2. STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING

| MEMBER | ABBREV | A.S.T.M. | YIELD |
|---|---|---|---|
| ALL MISC STL | | A36 | 36 K.S.I. |
| LIGHT GAGE | | A653 | 33 K.S.I. |

3. WELDING:
   A. ALL SHOP & FIELD WELDING REQUIRES SPECIAL INSPECTION PER CHAPTER 17A OF THE **2025 C.B.C.** & PER **D.S.A. 103**
   B. WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER A.W.S. STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" **A.W.S. D1.1**.
   C. ALL WELDED JOINTS & ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX LOW HYDROGEN U.N.O. w/ CHARPY V-NOTCH (C.V.N.) TOUGHNESS OF 20 FT-LBS AT 0°F, MINIMUM YIELD STRENGTH Fy = 58 K.S.I.
   D. F.C.A.W. FILLER METAL WIRE SHALL BE $\frac{5}{64}$" MAX DIAMETER & S.M.A.W. FILLER METAL WIRE SHALL BE $\frac{5}{32}$" MAX DIAMETER.
   E. SUBMIT WELDER'S CERTIFICATION & "WELDING PROCEDURE SPECIFICATIONS" TO ARCHITECT FOR REVIEW & APPROVAL BY STRUCTURAL ENGINEER & INSPECTION LAB. ALL SUCH DOCUMENTS SHALL BE APPROVED BEFORE PROCEEDING.
4. BOLTS:
   A. ALL STEEL BOLTS ARE TO HAVE STANDARD GAGE & PITCH PER A.I.S.C.
   B. ALL STEEL-TO-STEEL BOLTED CONNECTIONS SHALL BE WITH A.S.T.M. F3125-N HIGH-STRENGTH BOLTS w/ COMMENSURATE HIGH-STRENGTH NUTS & HARDENED WASHERS, U.N.O.
   C. ALL BOLTS INSTALLED IN MAX $\frac{1}{16}$" OVERSIZED HOLES SHALL BE INSTALLED "SNUG" TIGHT ONLY.
   D. ALL EMBEDDED ANCHOR BOLTS SHALL BE A.S.T.M. F1554 GRADE 36 U.N.O.
   E. HOLES AT STEEL-TO-STEEL CONNECTIONS ARE TO BE $\frac{1}{16}$" OVERSIZE. U.N.O. HOLES AT STEEL COLUMN BASE PLATES ARE TO BE $\frac{1}{8}$" OVERSIZE, U.N.O.
5. AS A DEFUALT, ALL STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT, EXCEPT THE BELOW NOTED LOCATIONS, WHERE PRIMER SHALL BE HELD 2" CLEAR:
   A. STEEL SURFACES EMBEDDED IN CONCRETE
   B. SURFACES TO BE FIELD WELDED
   C. CONTACT SURFACES WITH HIGH-STRENGTH SLIP-CRITICAL BOLTED CONNECTIONS
   D. COMPONENTS THAT ARE HOT DIPPED GALVANIZED H.D.G. OR POWDER COATED PER ARCHITECTURAL DRAWINGS & SPECIFICATIONS.
   E. ALL SHOP PRIMER SHALL MEET LOCAL, STATE & FEDERAL ENVIRONMENTAL REGULATIONS.
6. ALL STRUCTURAL STEEL SHALL BE ERECTED PLUM & TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE UNTIL THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETE.
7. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE & LOCATED BELOW GRADE SHALL HAVE 3" MINIMUM COVER. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE & LOCATED ABOVE GRADE AT CONCRETE EXPOSED TO WEATHER SHALL HAVE $1\frac{1}{2}$" MINIMUM COVER.
8. ALL STRUCTURAL COLUMNS ARE TO BE SET UPON ANCHOR RODS WITH LEVELING NUTS ALLOWING APPROXIMATELY 1 $\frac{1}{2}$"± CLEARANCE. CLEARANCE SPACE UNDER COLUMNS & BLOCK-OUTS IN CURBS FOR COLUMN PLACEMENT ARE TO BE FILLED WITH A NON-SHRINK, MIN 8000 P.S.I. HIGH-STRENGTH, POURABLE GROUT.

## UNISTRUT

1. ALL PRE-MANUFACTURED METAL FRAMING DESIGNATED AS "UNISTRUT" SHALL BE MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUIVALENT (SUCH AS B-LINE).
2. SEE NOTES &/OR SCHEDULES ON PLANS FOR SIZES, SPAN, GAGE OF MATERIAL, ETC. COORDINATE ALL FRAMING WITH SUPPORTED TRADE: MECHANICAL, PLUMBING, ELECTRICAL, ETC. DRAWINGS.
3. ALL FRAMING SHALL BE INSTALLED IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS & THE MANUFACTURER'S WRITTEN SPECIFICATIONS. WHERE CONFLICTS OCCUR, THE MOST STRINGENT REQUIREMENT SHALL GOVERN.
4. TYPICAL MEMBERS:
   A. $1\frac{5}{8}$" SQ x 12GA **-P1000-** w/ FACTORY PUNCHED HOLES U.N.O.
   B. $1\frac{5}{8}$" x $3\frac{1}{4}$" x 12GA **-P1001-** BACK-TO-BACK
   C. DEFAULT FINISH IS ELECTRO-GALV "EG" U.N.O.
   D. USE ONLY HOT DIPPED GALV "HG" OR STAINLESS STEEL "SS" FRMG MEMBERS AT EXTERIOR LOCATIONS
5. TYPICAL CONNECTORS:
   A. $\frac{1}{2}$"Ø A307 A/B MILD STEEL MACHINE BOLTS INSTALLED TO 50 FT-LBS TORQUE U.N.O.
   B. USE VENDOR SPECIFIED SPRINGS NUTS AS MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUIV.
   C. DEFAULT FINISH IS ELECTRO-GALV "EG" U.N.O.
   D. USE ONLY HOT DIPPED GALV "HG" OR STAINLESS STEEL "SS" HARDWARE AT EXTERIOR LOCATIONS.

## CONCRETE REINFORCING

1. ALL CONCRETE REINFORCING SHALL CONFORM TO THE **2025 C.B.C.** & BE DETAILED, FABRICATED & PLACED PER **A.C.I. 318-19** & PER THE LATEST EDITION OF **A.C.I. 315**. SEE ALSO THE PROJECT SPECIFICATIONS.
2. REINFORCEMENT SHALL BE DEFORMED BILLET STEEL:
   A. REINFORCEMENT SHALL CONFORM TO A.S.T.M. A706 GRADE 60 OR A.S.T.M. A615 GRADE 60 (YIELD STRENGTH $F_Y$ = 60 K.S.I.).
   B. A.S.T.M. A615 GRADE 60 REQUIRES MIN 80 K.S.I. TENSILE STRENGTH ($F_U$) WITH 1.10 MIN RATIO OF ACTUAL TENSILE STRENGTH TO ACTUAL YIELD STRENGTH ($F_U$ / $F_Y$) BASED ON MILL TESTING.
   C. ALL REINFORCEMENT TO BE WELDED SHALL BE A.S.T.M. A706 GRADE 60 & WILL BE EXPLICITLY NOTED IN THE STRUCTURAL DRAWINGS.
   D. TACK WELDING OF REINFORCING IS NOT PERMITTED. REINFORCING SHALL BE TIED IN PLACE.
3. ALL BENDING OF REINFORCEMENT IS PER A.C.I. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED. REINFORCEMENT IN SLABS & FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR CORNER BARS PROVIDED.
4. LAP SPLICES OF CONCRETE REINFORCEMENT: 80 x D
   A. #3 BARS = 30"
   B. #4 BARS = 40"
   C. #5 BARS = 50"
   D. #6 BARS = 60"
5. ALL ADJACENT REINFORCING LAPS ARE TO BE STAGGERED A MINIMUM OF 5'-0".
6. REINFORCING SHALL BE PLACED WITH THE FOLLOWING MINIMUM CLEAR COVERAGE, U.N.O.:
   A. POURED AGAINST EXCAVATIONS/GROUND: 3"
   B. POURED AGAINST FORMS, EXPOSED TO SOIL: 2"
   C. CONCRETE EXPOSED TO WEATHER: $1\frac{1}{2}$"
   D. SLABS ON GRADE: CENTER REINFORCING WITHIN SLAB DEPTH
7. WHERE REINFORCING IS NOT SPECIFIED, REFER TO A.C.I. 318 FOR MINIMUM REINFORCEMENT & CONTACT STRUCTURAL ENGINEER FOR DIRECTION.

## WEDGE ANCHORS

1. ALL POST-INSTALLED EXPANSION/WEDGE ANCHORS ARE AS FOLLOWS:
   A. INTO CONCRETE: HILTI **-KB TZ2-** PER I.C.C. E.S.R. 4266
   B. INTO CONCRETE: SIMPSON **-STRONG BOLT 2-** PER I.C.C. E.S.R. 3037
   C. INTO SOLID GROUTED MASONRY BLOCK: HILTI **-KB TZ2-** PER I.C.C. E.S.R. 4561
   D. CARBON STEEL ANCHORS ARE THE DEFAULT. STAINLESS STEEL ANCHORS ARE REQUIRED IN EXTERIOR & MOISTURE PRONE CONDITIONS (KITCHEN).
2. TESTING:
   A. ALL POST-INSTALLED EXPANSION/WEDGE ANCHORS SHALL BE TORQUE TESTED PER CHAPTER 17A OF THE **2025 C.B.C.** & PER **D.S.A. 103**.
   B. ALL TESTING SHALL BE DONE BY THE TESTING LABORATORY-OF-RECORD & SHALL BE PERFORMED IN THE PRESENCE OF A SPECIAL INSPECTOR. TESTING SHALL OCCUR WITHIN 24 HOURS OF THE INSTALLATION OF EACH ANCHOR.
   C. TORQUE TEST SHALL BE PERFORMED WITH A CALIBRATED TORQUE WRENCH TO THE MANUF SPECIFIED INSTALLATION TORQUE PER THE TABLES BLW. THE TORQUE VALUE SHALL BE MET BEFORE EXCEEDING $\frac{1}{2}$ TURN OF THE NUT.
   D. ALL TEST RESULTS SHALL BE SUBMITTED TO D.S.A. & TO THE ARCHITECT & STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO ENCLOSING CONSTRUCTION.
3. ALL POST-INSTALLED WEDGE/MECHANICAL ANCHORS ARE TO BE INSTALLED PER THE MANUFACTURER'S WRITTEN INSTRUCTIONS FOR EACH ANCHOR PER THE I.C.C. REPORTS LISTED BELOW.
4. ALL ANCHORS SHALL BE CAREFULLY INSTALLED TO AVOID DISTURBING OR DAMAGING THE STEEL REINFORCING IN ANY WAY. ANCHORS MAY NOT BE INSTALLED UNTIL CONCRETE OR GROUT HAS REACHED A MINIMUM AGE OF 28 DAYS.
5. ALL HOLES SHALL BE COMPLETELY DRY & WELL CLEANED WITH A BOTTLE BRUSH & COMPRESSED AIR PRIOR TO INSTALLING THE ANCHORS.
6. ALL POST-INSTALLED ANCHORS SHALL BE INSTALLED ONLY WHERE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS. POST-INSTALLED ANCHORS MAY NOT BE USED AT LOCATIONS OTHER THAN THOSE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
7. GENERAL MINIMUM EMBEDMENT & PROOF TESTING ARE PER THE TABLES BELOW. SUCH REQUIREMENTS SHALL BE SUPERCEDED AS SPECIFICALLY IDENTIFIED IN EACH APPLICABLE DETAIL.

| WEDGE ANCHORS INTO CONCRETE | | | | | |
|---|---|---|---|---|---|
| HILTI **-KB TZ2-** CARBON STEEL & STAINLESS STEEL PER I.C.C. E.S.R. 4266 | | | | | |
| ANCHOR | EMBED | HOLE DIA | HOLE DEPTH | TORQUE C.S. | TORQUE S.S. |
| $\frac{3}{8}$"Ø | 2" | $\frac{3}{8}$"Ø | $2\frac{3}{4}$" | 30 FT-LB | 30 FT-LB |
| $\frac{1}{2}$"Ø | $2\frac{1}{2}$" | $\frac{1}{2}$"Ø | $3\frac{1}{4}$" | 50 FT-LB | 40 FT-LB |
| $\frac{5}{8}$"Ø | 3" | $\frac{5}{8}$"Ø | 4" | 80 FT-LB | 60 FT-LB |
| $\frac{3}{4}$"Ø | 4" | $\frac{3}{4}$"Ø | 5" | 110 FT-LB | 125 FT-LB |

| WEDGE ANCHORS INTO CONCRETE | | | | | |
|---|---|---|---|---|---|
| SIMPSON **-STRONG BOLT 2-** CARBON STEEL & STAINLESS STEEL PER I.C.C. E.S.R. 3037 | | | | | |
| ANCHOR | EMBED | HOLE DIA | HOLE DEPTH | TORQUE C.S. | TORQUE S.S. |
| $\frac{3}{8}$"Ø | 2" | $\frac{3}{8}$"Ø | $2\frac{3}{4}$" | 30 FT-LB | 30 FT-LB |
| $\frac{1}{2}$"Ø | $2\frac{1}{2}$" | $\frac{1}{2}$"Ø | $3\frac{1}{4}$" | 60 FT-LB | 65 FT-LB |
| $\frac{5}{8}$"Ø | 3" | $\frac{5}{8}$"Ø | 4" | 90 FT-LB | 80 FT-LB |
| $\frac{3}{4}$"Ø | 4" | $\frac{3}{4}$"Ø | 5" | 150 FT-LB | 150 FT-LB |

| WEDGE ANCHORS INTO SOLID GROUTED MASONRY | | | | | |
|---|---|---|---|---|---|
| HILTI **-KB TZ2-** CARBON STEEL & STAINLESS STEEL PER I.C.C. E.S.R. 4561 | | | | | |
| ANCHOR | EMBED | HOLE DIA | HOLE DEPTH | TORQUE C.S. | TORQUE S.S. |
| $\frac{3}{8}$"Ø | 2" | $\frac{3}{8}$"Ø | $2\frac{3}{4}$" | 15 FT-LB | 15 FT-LB |
| $\frac{1}{2}$"Ø | $2\frac{1}{2}$" | $\frac{1}{2}$"Ø | $3\frac{1}{4}$" | 25 FT-LB | 25 FT-LB |
| $\frac{5}{8}$"Ø | 3" | $\frac{5}{8}$"Ø | 4" | 30 FT-LB | 35 FT-LB |
| $\frac{3}{4}$"Ø | 4" | $\frac{3}{4}$"Ø | 5" | 50 FT-LB | 50 FT-LB |

## GENERAL NOTES

1. ALL NEW WORK SHALL CONFORM TO **TITLE 24 - 2025 EDITIONS** WITH AMENDMENTS & ALL OTHER APPLICABLE CODES & REGULATIONS. WHERE CONFLICTS EXIST IN THE CODES OR CONSTRUCTION DOCUMENTS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN.
2. THE CONTRACTOR SHALL KEEP A COPY OF TITLE 24 C.C.R. PARTS 1 -5 ON SITE AT ALL TIMES (T-24 PART 1, 4-317(c).
3. CHANGES TO THE CONSTRUCTION DOCUMENTS:
   A. ALL CHANGES TO THE ACCESSIBILITY, FIRE & LIFE SAFETY, & STRUCTURAL PORTIONS OF THE APPROVED DRAWINGS SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (C.C.D.)
   B. ALL SUCH CHANGES BY C.C.D. ARE TO BE SIGNED BY THE STRUCTURAL ENGINEER & THE OWNER & APPROVED BY D.S.A.
   C. CHANGES BY C.C.D. ARE NOT VALID UNTIL APPROVED BY D.S.A. (T-24, PART 1, 4-338)
4. DUTIES OF THE PARTIES:
   A. STRUCTURAL-ENGINEER-OF-RECORD (S.E.O.R.) SHALL PERFORM DUTIES PER T-24 PART 1, 4-333(a) & 4-341
   B. CONTRACTOR-OF-RECORD (C.O.R.) SHALL PERFORM DUTIES PER 4-343
   C. INSPECTOR-OF-RECORD (I.O.R.) SHALL PERFORM DUTIES PER T-24 PART 1, 4-342
5. A PROJECT INSPECTOR (INSPECTOR-OF-RECORD I.O.R.) EMPLOYED BY THE OWNER/DISTRICT & CERTIFIED BY D.S.A. SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK.
6. IT IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE & COORDINATE:
   A. ALL WORK, INCLUDING THAT OF SUB-CONTRACTORS & TRADESMEN
   B. ALL INSPECTIONS BY THE I.O.R.
   C. SPECIAL INSPECTION(S) BY THE SPECIAL INSPECTOR(S)
   D. STRUCTURAL OBSERVATION VISITS BY THE STRUCTURAL ENGINEER, OTHER REQUIRED SITE VISITS BY OTHER MEMBERS OF THE DESIGN TEAM
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" & ALL O.S.H.A. REQUIREMENTS.
   A. THESE REQUIREMENTS ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR (C.O.R.), EXTEND FOR THE DURATION OF THE PROJECT & ARE NOT LIMTED TO WORKING HOURS.
   B. EVERY MEMBER OF THE DESIGN TEAM, INCLUDING THE THE STRUCTURAL ENGINEER, ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY w/ THESE REQUIREMENTS.
   C. SITE VISITS BY ANY MEMBER OF THE DESIGN TEAM IN NO WAY RELIEVE THE CONTRACTOR OF THESE REQUIREMENTS.
8. STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE & DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. DESIGN, CONSTRUCTION & INSPECTION OF ALL BARRICADES, TRAFFIC CONTROL, PEDESTRIAN SAFETY, TEMPORARY BRACING, SHORING, FORMING, ETC. SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS REQUIREMENT EXISTS FOR THE DURATION OF THE PROJECT & IS NOT LIMITED TO WORKING HOURS.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS & OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION & SHALL NOTIFY THE STRUCTURAL ENGINEER IF ANY CONFLICTS ARE SHOWN OR NOTED.
10. NOTES ON THIS SHEET ARE TYPICAL & SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. TYPICAL DETAILS SHALL APPLY FOR ALL LIKE CONDITIONS UNLESS OTHERWISE NOTED OR DETAILED.
11. THIS SET OF STRUCTURAL DRAWINGS & SPECIFICATIONS IS APPLICABLE ONLY TO THE LISTED PROJECT & SITE LOCATION. IT IS NOT APPROPRIATE, MODIFIED OR IN WHOLE, FOR ANY OTHER PROJECT OR SITE.
12. VISUAL CONTACT WITH STRUCTURAL DRAWINGS CONSTITUTES PRIMA FACIE EVIDENCE OF, & ACCEPTANCE OF, THESE TERMS.

## FOUNDATIONS & SOIL

1. A PROJECT SOILS/GEOTECHNICAL REPORT IS NOT AVAILABLE FOR THIS PROJECT. DESIGN IS BASED UPON CODE MINIMUM STANDARDS APPLICABLE TO ASSUMED FIRM, NATIVE SOIL.
2. ALL EXPOSED SURFACE SOILS, DISTURBED SOILS & TRENCH BACKFILL (UNLESS SLURRY IS USED) SHALL BE MOISTENED & COMPACTED TO MIN 90% AS INSPECTED & APPROVED BY I.O.R. OR A LOCAL SOILS ENGINEER.
3. ALL NEW SLABS, CURBS, FOOTINGS, ETC. SHALL BEAR ON FIRM/DRY, NATIVE SOIL AS INSPECTED & APPROVED BY I.O.R. OR A LOCAL SOILS ENGINEER.
4. THE STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY WHERE JOB SITE CONDITIONS ARE DIFFERENT THAN THOSE SHOWN ON CONTRACT DRAWINGS OR ARE OTHERWISE QUESTIONABLE OR DELETERIOUS.
5. THE STRUCTURAL ENGINEER SHALL BE NOTIFIED A MINIMUM OF 48-HOURS PRIOR TO THE PLACING OF CONCRETE SLABS AND FOUNDATIONS.

## CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE **2025 C.B.C.** & **A.C.I. 318-19**. SEE ALSO THE PROJECT SPECIFICATIONS.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT PER A.C.I. 301 & HAVE PROPORTIONS OF CEMENT, COARSE & FINE AGGREGATE, WATER & ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER A.C.I. 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE & SUPPORTED BY PREVIOUS TEST RECORDS.
3. STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
   A. 28-DAY STRENGTH, F'c = **4,000** PSI
   B. MIN 6.0 SACKS/C.Y. (94 LB SACKS, INCLUDING FLY ASH, IF USED)
   C. MAX 1" AGGREGATE (PEA GRAVEL MIX RECOMMENDED)
   D. MAX WATER TO CEMENT RATIO = 0.48
   E. MAX 34 GAL WATER PER C.Y. REGARDLESS OF W/C RATIO
   F. SLUMP = 5" ± 1"
4. CONSTITUENTS OF STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:
   A. PORTLAND CEMENT PER A.S.T.M. C-150 TYPE I OR II
   B. COARSE & FINE AGGREGATES PER A.S.T.M. C-33
   C. FLY ASH PER A.S.T.M. C-618 CLASS N OR F
   D. ADMIXTURES PER PROJECT SPECIFICATIONS
5. ALL DEBRIS SHALL BE REMOVED FROM FORMS & FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE (USE BRIDGING FORMS).
6. ALL REINFORCEMENT, ANCHOR BOLTS & OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE (NO WET SETTING ANCHOR BOLTS).
7. FREE-FALL OF CONCRETE SHALL BE LIMITED TO 4'-0" MAX. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEPARATION OF AGGREGATES.
8. CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER A.C.I. 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.
9. CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED & SHALL BE INTENTIONALLY ROUGHENED TO $\frac{1}{4}$" AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
10. ALL FORMWORK TO REMAIN IN PLACE FOR DURATION AS REQUIRED BY LATEST EDITION OF A.C.I. 318.
11. REFER TO A.C.I. RECOMENDATIONS FOR PLACING & CURING CONCRETE IN COLD & HOT WEATHER CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONCRETE MIX DESIGN WITH BATCH PLANT TO PROVIDE CONCRETE MIX APPROPRIATE FOR SITE CONDITIONS
12. CONTRACTOR IS RESPONSIBLE FOR DETERMINING & IMPLEMENTING APPROPRIATE CURING PROCEDURES FOR ACTUAL SITE/WEATHER CONDITIONS AND SHALL INCLUDE PROVISIONS FOR INCLEMENT WEATHER. REFER TO A.C.I. 308R.
13. ALL SLABS SHALL BE FLAT & LEVEL w/ A TOLERANCE OF $\frac{3}{16}$" IN 10' FOR FLATNESS AND MINIMUM LOCAL VALUE F = 32 PER A.S.T.M. 1155. THE PROJECT OWNER MAY REJECT ANY CONSTRUCTION THAT DOES NOT MEET THE FLATNESS CRITERIA NOTED WITH REPLACEMENT AT CONTRACTOR'S EXPENSE.
14. CONDUITS & PIPES EMBEDDED IN THE SLAB (OTHER THAN THOSE PASSING VERTICALLY THROUGH) SHALL NOT BE PERMITTED. CONTRACTOR TO SUBMIT FOOTING PENETRATIONS TO STRUCTURAL ENGINEER FOR REVIEW & APPROVAL PRIOR TO CONSTRUCTION.
15. THE STRUCTURAL ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 48 HOURS BEFORE PLACING CONCRETE.

## STRUCTURAL SHEET INDEX:

## APPLICABLE BUILDING CODES

ALL WORK SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE FOLLOWING CODES, AS ADOPTED BY THE BUILDING OFFICIAL. WHERE CONFLICTS OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

- 2025 CALIFORNIA BUILDING CODE, VOLUMES 1 & 2
- 2025 CALIFORNIA ELECTRIC CODE
- 2025 CALIFORNIA FIRE CODE
- 2025 CALIFORNIA GREEN BUILDING CODE
- 2025 CALIFORNIA MECHANICAL CODE
- 2025 CALIFORNIA REFERENCE STANDARDS CODE
- 2025 CALIFORNIA PLUMBING CODE
- 2025 CALIFORNIA RESIDENTIAL CODE
- 2025 CALIFORNIA ENERGY CODE

- TITLE 16: CALIFORNIA FIRE CODE ORDINANCE
- TITLE 24: CALIFORNIA STATE ENERGY & ACCESSIBILITY STANDARDS

## DESIGN CRITERIA

**PROJECT LOCATION**
4701 JOAQUIN WAY — +38.53 LATITUDE
SACRAMENTO, CA — -121.49 LONGITUDE

**BASIS OF STRUCTURAL DESIGN**
2025 CALIFORNIA BUILDING CODE - C.B.C.
2022 A.S.C.E. 7
RISK CATEGORY III
D.S.A. - S.S. AMENDMENTS

**GRAVITY LOADS** - A.S.D.

| | | |
|---|---|---|
| ROOF DEAD | 20 P.S.F. | SINGLE PLY N.T.E. 2 P.S.F. |
| ROOF LIVE | 20 P.S.F. | 300 LB POINT LOAD ANYWHERE |
| EXTERIOR WALL | 15 P.S.F. | STUCCO EXTR + DRYWALL INTR |
| INTERIOR WALL | 10 P.S.F. | DRYWALL BOTH FACES |

**WIND LOADS** - A.S.D.
ULTIMATE WIND SPEED - 100 M.P.H.
77 M.P.H. - A.S.D.
EXPOSURE C
ENCLOSED BUILDING

TOPOGRAPHIC FACTOR - $K_{ZT}$ — 1.00
INTERNAL PRESSURE - $GC_{PI}$ — ± 0.18
Q (0'-20') — **14.4** P.S.F.

**SEISMIC LOADS** - A.S.D.
SOIL SITE CLASS — DEFAULT
SEISMIC DESIGN CATEGORY — D

| | | | |
|---|---|---|---|
| $S_{MS}$ | 0.99 | $S_{D1}$ | 0.43 |
| $S_{M1}$ | 0.64 | $S_S$ | 0.67 |
| $S_{DS}$ | **0.66** | $S_1$ | 0.24 |

IMPORTANCE FACTOR - $I_E$ — 1.25
OVER-STRENGTH - $\Omega_o$ — 3.0
RESPONSE MODIFIER - R — 6.5
BASE SHEAR — **0.100 x W**

**OTHER LOADS**
ICE N.A. — SNOW N.A.
RAIN N.A. — FLOOD N.A.
TSUNAMI N.A. — TORNADO N.A.

**FOUNDATION BEARING PRESSURE** - A.S.D.
MAXIMUM ALLOWABLE PER 2025 C.B.C. TABLE 1806A.2.
DEAD — 1000 P.S.F.
DEAD + LIVE — 1500 P.S.F.
DEAD + LIVE + E/W — 2000 P.S.F.

## INSPECTION CODES

1. ALL TESTS AND INSPECTIONS ARE TO BE PROVIDED BY A QUALIFIED TESTING LAB OF RECORD, HIRED BY THE DISTRICT (T-24 PART 1, 4-335).
2. ALL TESTS & INSPECTIONS SHALL CONFORM TO CHAPTER 17A OF THE **2025 C.B.C.** & THE PROJECT SPECIFIC D.S.A.-103.
3. ALL SPECIAL INSPECTORS SHALL HAVE A MINIMUM OF THREE YEARS OF EXPERIENCE WITH MATERIAL BEING INSPECTED.
4. A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER-OF-RECORD SHALL OBSERVE ALL FOOTING EXCAVATIONS.

## ABBREVIATIONS

| | |
|---|---|
| @ | AT |
| AB | ANCHOR BOLT |
| ACI | AMERICAN CONCRETE INSTITUTE |
| AISC | AMERICAN INSTITUTE OF STEEL CONSTRUCTION |
| AISI | AMERICAN IRON AND STEEL INSTITUTE |
| APA | AMERICAN PLYWOOD ASSOCIATION |
| ARCH | ARCHITECT/ARCHITECTURAL |
| ASTM | AMERICAN SOCIETY OF TESTING AND MATERIALS |
| AWS | AMERICAN WELDING SOCIETY |
| B.O. | BOTTOM OF |
| CBC | CALIFORNIA BUILDING CODE |
| CFS | COLD-FORMED STEEL |
| Ø | DIAMETER |
| DWGS | DRAWINGS |
| DSA | DIVISION OF THE STATE ARCHITECT |
| ES | EDGE SCREW w/SPACING PER SHEAR WALL DIAGRAMS |
| F.O. | FACE OF |
| HD | HOLDOWN |
| HSS | HOLLOW STRUCTURAL SECTION |
| L | STEEL ANGLE |
| MAX | MAXIMUM |
| MC | MISCELLANEOUS CHANNEL |
| MIN | MINIMUM |
| NTS | NOT TO SCALE |
| # | NUMBER OR POUNDS |
| oc | ON CENTER |
| OH | OPPOSITE HAND |
| PAF | POWDER-ACTUATED FASTENER |
| PJ | PANEL JOINT |
| SEOR | STRUCTURAL ENGINEER OF RECORD |
| SMS | SHEET METAL SCREW |
| T & B | TOP AND BOTTOM |
| THRU | THROUGH |
| T.O. | TOP OF |
| TYP | TYPICAL |
| UNO | UNLESS NOTED OTHERWISE |
| w/ | WITH |

| R.W. STRUCTURAL ENGINEERS - PROJECT STAFF | |
|---|---|
| PROJECT ENGINEER | MANAGING PRINCIPAL |
| CHUCK RICHARDS | GREG RICHARDS |
| crichards@RWEngineers.com | grichards@RWEngineers.com |
| 805.474.9600 x 1 | 916.229.8345 x |

AGENCY APPROVAL:

Sacramento City Unified School District


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|---|---|---|


RW CONSULTING Engineers Inc
1450 HARBOR BLVD - SUITE F
WEST SACRAMENTO, CA 95691
916.229.8345


REGISTERED PROFESSIONAL ENGINEER CHARLES K. RICHARDS 4836 Exp 2027.9.30 STRUCTURAL STATE OF CALIFORNIA

FACILITY:
**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**STRUCTURAL SPECIFICATIONS**

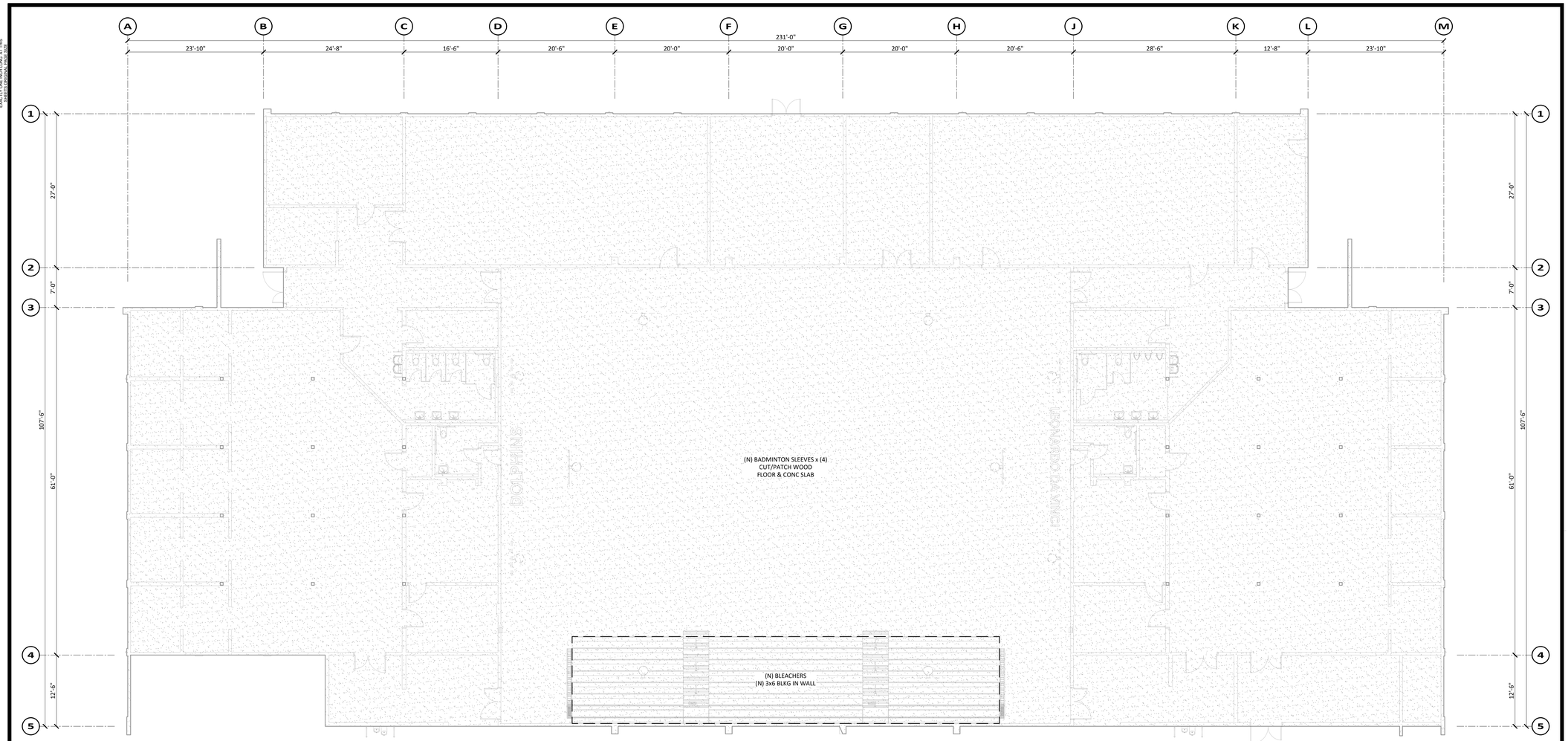
PROGRESS

DATE: **04 / 23 / 2026** CLIENT PROJ NO:

SHEET:
**S0.01**

PLEASE RECYCLE

THE LINE BROWN ABOVE IS EXACTLY ONE INCH WHEN PRINTED ON 22X34 ORIGINAL MADE SIDE




## FOUNDATION PLAN

1/8" = 1'-0"

N

### FOUNDATION PLAN NOTES

1. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
2. (E) FOUNDATION: c. 1956
   A. SLAB: 4" THICK w/ W.W.F. REINF UNDER WOOD FURRING/FLOOR
   B. FTG: 12" WIDE x --" DEEP BLW F.F. w/ - REINF
3. (E) WALLS: CONC TILT-UP
4. ALL TRENCH BACKFILL & SLAB SUB-GRADE SHALL BE MOISTENED & RECOMPACTED TO MIN 90% AS INSPECTED & APPROVED BY I.O.R.
5. (N) SLABS:
   A. MIN 4" THICK w/ #3 @ 12" EA WAY
   B. 4000 P.S.I. CONC

### FOUNDATION LEGEND

(E) WALL ON CONC FTG | (E) SLAB-ON-GRADE | (N) SLAB-ON-GRADE

(E) WOOD WALL | (N) WOOD WALL | (N) EQUIPMENT

### FOUNDATION PLAN KEY NOTES

1

PLEASE RECYCLE

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REGISTERED PROFESSIONAL ENGINEER
CHARLES K. RICHARDS
4836
Exp 2027.9.30
STRUCTURAL
STATE OF CALIFORNIA

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**FOUNDATION PLAN**

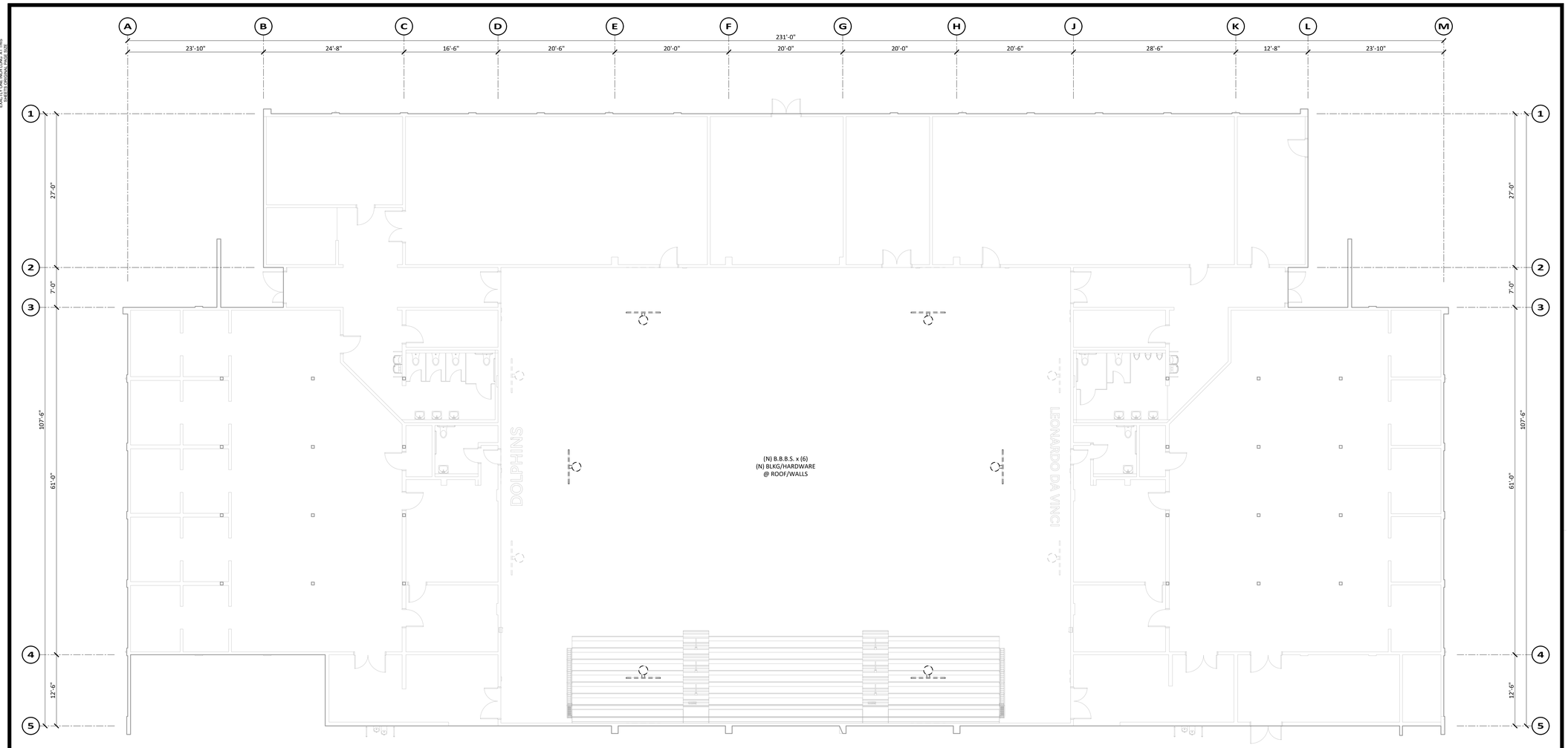
PROGRESS

DATE: **04 / 23 / 2026**

CLIENT PROJ NO:

SHEET:

# S2.10




THE LINE BROWN ABOVE IS EXACTLY ONE INCH LONG ON 30X42 ORIGINAL MADE SIDE

## ROOF FRAMING PLAN

1/8" = 1'-0"

N

### ROOF FRAMING PLAN NOTES

1. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.

2. (E) ROOF FRMG: c. 1956
   A. STEEL RIGID FRAMES
   B. PERIMETER CONC TILT-UP WALLS
   C. JOISTS
   D. SHEETING

3. (N) FRAMING:
   A. BLKG & BACKING

5. (N) EQUIP:
   A. BLEACHERS
   B. BASKETBALL BACKSTOPS x (-)

### ROOF FRAMING PLAN KEY NOTES

(1) (E) FRAMING:

(N) FRAMING:
A.

PLEASE RECYCLE

AGENCY APPROVAL:

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REGISTERED PROFESSIONAL ENGINEER
CHARLES K. RICHARDS
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Exp 2027.9.30
STRUCTURAL
STATE OF CALIFORNIA

FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**ROOF FRAMING PLAN**

PROGRESS

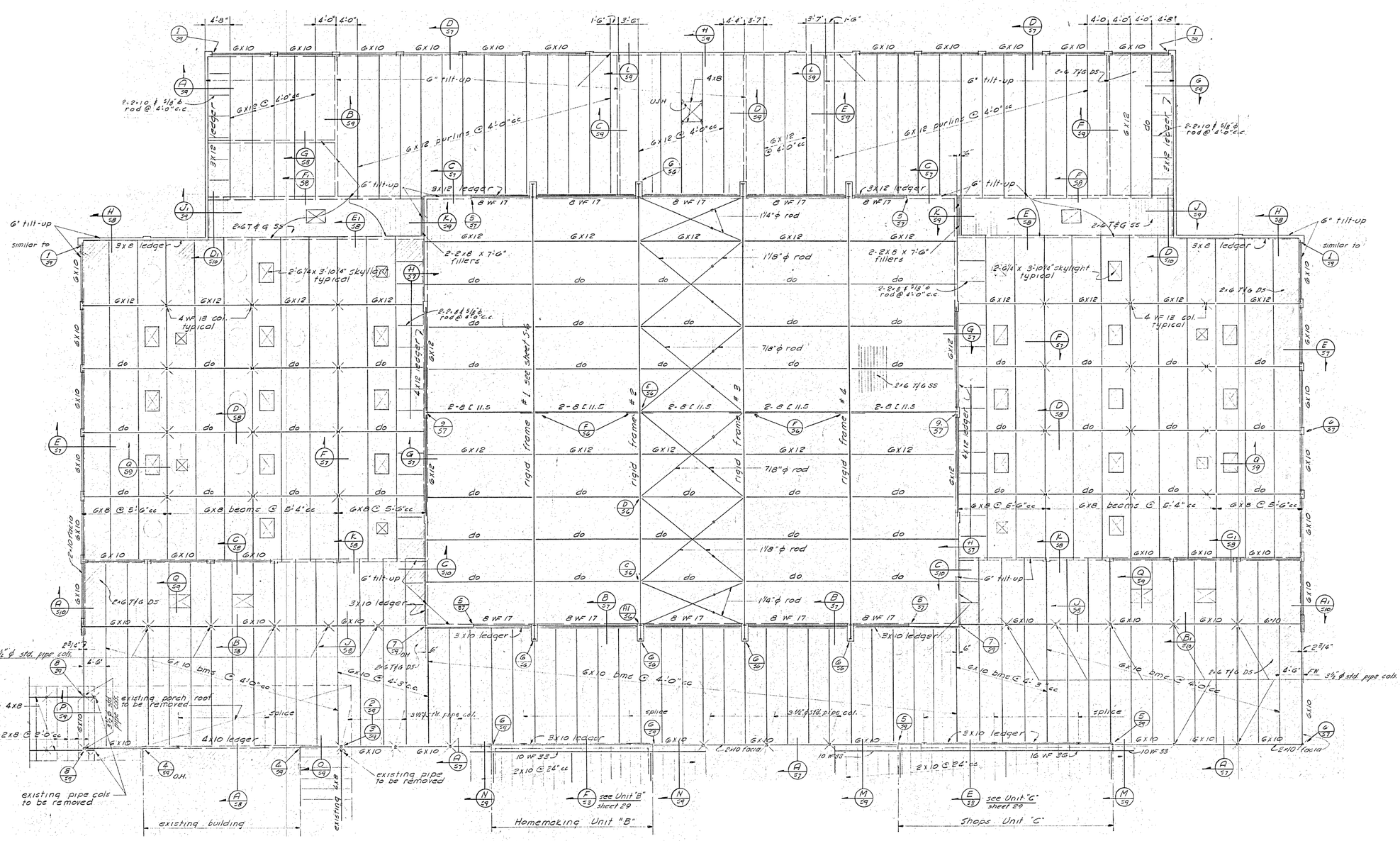
DATE: **04 / 23 / 2026**

CLIENT PROJ NO.:

SHEET:

# S2.11

THE LINE BROWN ABOVE IS EXACTLY ONE INCH WHEN PRINTED ON 30X42 ORIGINAL MADE SIDE




## Roof Framing Plan @ Gymnasium - Unit "D"  1/8"=1'-0"

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REGISTERED PROFESSIONAL ENGINEER
CHARLES K. RICHARDS
4836
Exp 2027.9.30
STRUCTURAL
STATE OF CALIFORNIA

FACILITY:
**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**ORIGINAL FDN & FRMG PLAN**

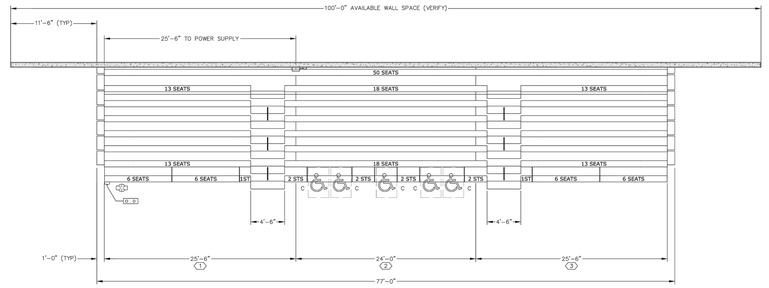
**PROGRESS**

DATE: **04 / 23 / 2026**
CLIENT PROJ NO.

SHEET:
# S4.01

PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG ON ANSI B SIZED DRAWINGS




MAIN
PLAN OF SEATING
1/8" = 1'

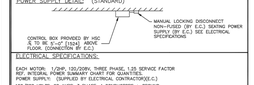
FLEX ROW SCHEDULE
6, 6, 6, 4, 2, 2, 2, 4, 6, 6, 6,

GROSS SEATS = 400
Net Seats = 358

| INTEGRAL POWER SUMMARY | | | |
|---|---|---|---|
| BANK LETTER | NO. OF MOTORS | PWR TRAIN MODEL | CONTROL - PENDANT/KEY | POWER SUPPLY LOCATION |
| MAIN | 2 | #12 | PENDANT | 25'-4" |

POWER SPECIFICATIONS

POWER SUPPLY DETAIL: (STANDARD)




ELECTRICAL SPECIFICATIONS:

EACH MOTOR: 1/2HP, 120/208V, THREE PHASE, 1.25 SERVICE FACTOR
MOTOR CONTROL: SOLID STATE, VARIABLE SPEED
POWER SUPPLY: (SUPPLIED BY ELECTRICAL CONTRACTOR)(E.C.)
120/208 VOLTS, 20 AMPS, 3 PHASE, 4 CONDUCTORS + GROUND

MAXIMUM ALLOWABLE FULL LOAD VOLTAGE DROP IS 4 %

POWER SUPPLY (FLOOR MOUNTED) | [ ] = VALUE IN MILLIMETERS | NON-USEABLE SEAT
INDICATES CUT MODULE | CONTOUR PLASTIC BACKREST | WOOD BACKREST
KEY SWITCH: CONTROL (SEE DETAIL) | HATCHWAY | "WX" PENDANT CONTROL

LEGEND

SELF STORING RAILED STEP (TYP. ALL)
AISLE STEP
WHEELCHAIR SEATING SPACE (30" W x 48" D)
TELESCOPIC SEATING IN CLOSED POSITION
INDICATES SECTION NUMBER FOR BANK
POWER SUPPLY (WALL MOUNTED)
FOOT LEVEL AISLE
COMPANION SEAT (18" W)
PENDANT CONTROL
AISLE HAND RAIL
COMPANION SPACE (24" W)
END PANEL

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*NORTH BERWICK, ME. 03906*
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IMPORTANT

THIS PLAN HAS BEEN DRAWN IN ACCORDANCE WITH THE INFORMATION SUPPLIED BY THE ARCHITECT, AND/OR DEALER. HUSSEY SEATING Co. DOES NOT ACCEPT ANY RESPONSIBILITY FOR ERRORS WHICH MAY OCCUR IN THIS PLAN AS A RESULT OF A DEVIATION FROM THE INFORMATION SUPPLIED WITHOUT THE APPROVAL OF HUSSEY SEATING CO.

GENERAL NOTES

1. DEALER WILL VERIFY ALL DIMENSIONS AND INFORMATION SHOWN ON THIS PLAN AND WILL CONFIRM THAT OVERALL DIMENSIONS EQUAL THEIR CORRESPONDING OVERALL DIMENSION, AND RETURN THIS DRAWING WITH THE APPROPRIATE SIGNATURES FOR FURTHER ACTION.
2. HUSSEY SEATING Co. WILL ASSUME RESPONSIBILITY FOR MANUFACTURING ONLY THE EQUIPMENT / PRODUCT ACCORDING TO THIS DRAWING AND APPROVAL.
3. THE ARCHITECT, GENERAL CONTRACTOR AND OWNER WILL ENSURE THAT FLOORING IS LEVEL WITHIN ±1/4"[6] IN 8'-0"[2438] AND THAT THE FLOORING IS CONTINUOUS.
4. THE LAYOUT SHOWN IS DRAWN PER HUSSEY SEATING CO. INTERPRETATION OF 2024 / CBC 2022
IN A BUILDING THAT IS NOT SPRINKLERED, PLEASE VERIFY
IF NO OTHER CODE IS INDICATED, IT IS ASSUMED THAT THE DEALER/ARCHITECT IS AWARE OF THE CODE APPLIED TO THIS LAYOUT. HUSSEY SEATING CO. ASSUMES NO RESPONSIBILITY AND CANNOT BE HELD RESPONSIBLE IF ANY DEVIATION OCCURS.
5. HUSSEY SEATING COMPANY STRIVES TO CONTINUOUSLY IMPROVE ITS PRODUCT AND MANUFACTURING METHODS. THE COMPANY RESERVES THE RIGHT TO MAKE CHANGES WITHOUT NOTICE IN THE DESIGN OF ITS PRODUCTS. WE BELIEVE THESE CHANGES IMPROVE THE PRODUCT OR ITS PERFORMANCE.

BANK SUMMARY

BANK: MAIN
MODEL: MAXAM26
STAND TYPE: WALL ATTACHED
RISE: 9 5/8"
ROW SPACING: 24"
TIERS: 6

FIELD SUMMARY (REQUIRED BEFORE FIELD CHECK)
SLAB: CONCRETE
WALL CONSTRUCTION: CONCRETE
LOWER ATTACHMENT TYPE: LOWER WALL

| Field Check By | Date | Approval By | Date |
|---|---|---|---|
| | | | |

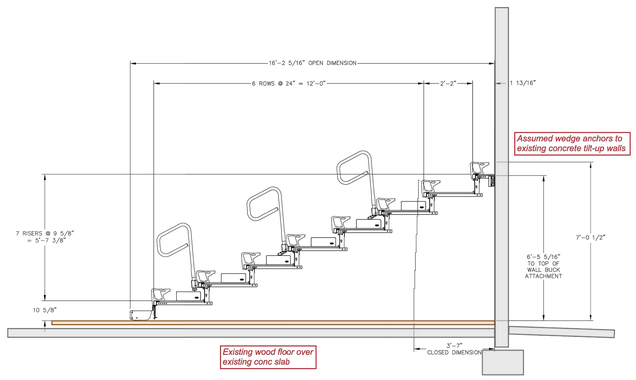
| REV. | CHK | DATE | DESCRIPTION |
|---|---|---|---|

REVISIONS

PLAN OF SEATING: BANK MAIN
NO PROJECT NAME
NO LOCATION

DRAWN BY: HUSSEY DATE: 4/9/2026
CHKD BY: X DATE: X

| CAD NO: | JOB NO. | DRAWING NO. |
|---|---|---|
| No Order | NO ORDER | C-1113499 |




MAIN
SECTION
3/8" = 1'




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*36 DIER STREET EXT.*
*NORTH BERWICK, ME. 03906*
*TELEPHONE: (207) 676-2271 FAX: (207) 676-9815*

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BANK SUMMARY

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MODEL: MAXAM26
STAND TYPE: WALL ATTACHED
RISE: 9 5/8"
ROW SPACING: 24"
TIERS: 6

FIELD SUMMARY (REQUIRED BEFORE FIELD CHECK)
SLAB: CONCRETE
WALL CONSTRUCTION: CONCRETE
LOWER ATTACHMENT TYPE: LOWER WALL

| Field Check By | Date | Approval By | Date |
|---|---|---|---|
| | | | |

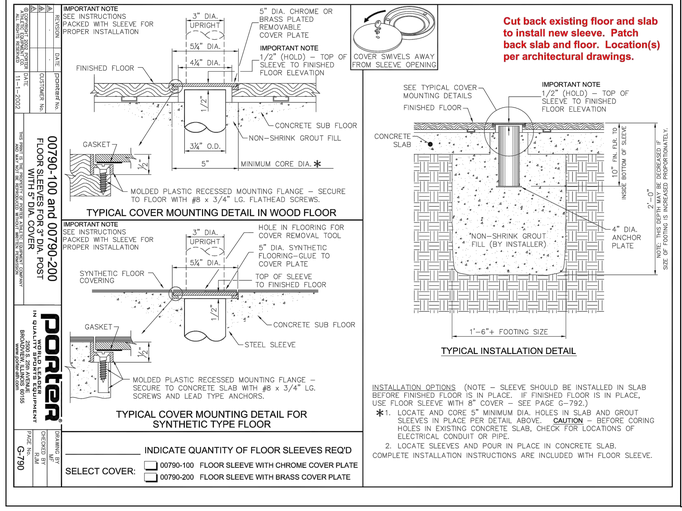
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REVISIONS

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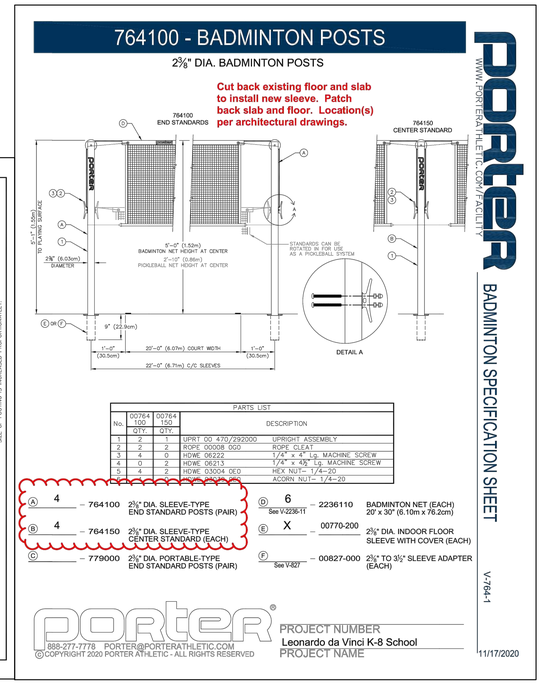
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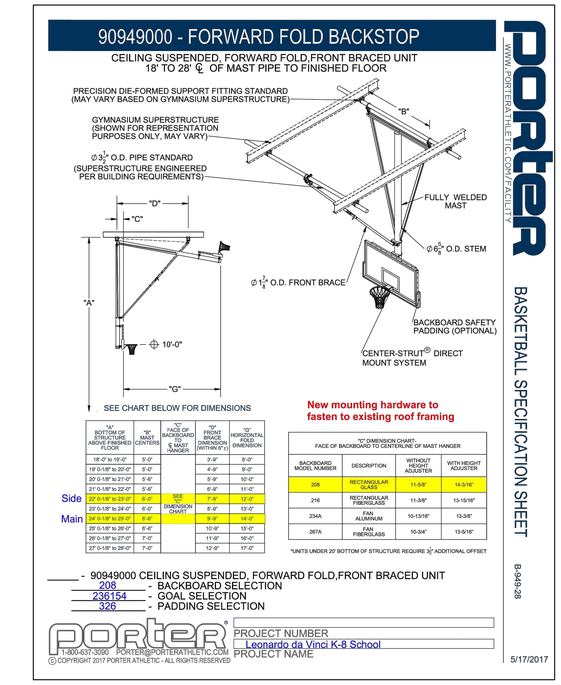
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WEST SACRAMENTO, CA 95691
916.229.8345

REGISTERED PROFESSIONAL ENGINEER CHARLES K. RICHARDS 4836 Exp 2027.9.30 STRUCTURAL STATE OF CALIFORNIA

FACILITY:
**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:
**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:
**BLEACHERS & B.B.B.S.**

PROGRESS

DATE: **04 / 23 / 2026** | CLIENT PROJ NO.

SHEET:

# S4.02

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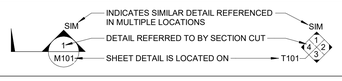
THE LINE SHOWN ABOVE IS 3" LONG ON ORIGINAL 24X36 SHEETS. IF SHORTER, ADJUST SCALE ACCORDINGLY

## VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

1 — KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL




LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
——— NEW
- - - - - - - - EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
— — — — NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN
——————— EXISTING (NARROW LINE PATTERN)
— — — — EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

WORK BY OTHERS (NARROW LINE)
——————— WORK BY OTHERS (NARROW LINE)
- - - - - - - - EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

'TAG'-(E) TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

'TAG'-(R) TAGS WITH DASH 'R' INDICATES THE REFERENCED OBJECT IS REMOVED

TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

## PLUMBING ABBREVIATION KEY

| ABBR: | DESCRIPTION: |
|---|---|
| AD | ACCESS DOOR |
| AFF | ABOVE FINISHED FLOOR |
| BFP | BACKFLOW PREVENTER |
| BT | BATHTUB |
| CB | CATCH BASIN |
| CI | CAST IRON |
| CO | CLEANOUT |
| CS | CLINICAL SINK |
| DB | DIALYSIS BOX |
| DF | DRINKING FOUNTAIN |
| DI | DUCTILE IRON |
| DN | DOWN |
| E | EXISTING |
| EE | EMERGENCY EYEWASH |
| ES | EMERGENCY SHOWER |
| ESE | EMERGENCY SHOWER/EYEWASH |
| EWC | ELECTRIC WATER COOLER |
| FCO | FLOOR CLEANOUT |
| FD | FLOOR DRAIN |
| FM | FLOW METER |
| FS | FLOOR SINK |
| GD | GARBAGE DISPOSER |
| GI | GREASE INTERCEPTOR |
| HB | HOSE BIBB |
| I.E. | INVERT ELEVATION (FOR REFERENCE ONLY) |
| L or LAV | LAVATORY |
| MB | MOP BASIN |
| MH | MANHOLE |
| MV | MIXING VALVE |
| NIC | NOT IN CONTRACT |
| NT | NEUTRALIZATION TANK |
| OS | OIL SEPARATOR |
| RD | ROOF DRAIN |
| SCCR | SHORT CIRCUIT CURRENT RATING |
| SH | SHOWER |
| SK | SINK |
| SS | SERVICE SINK |
| TD | TRENCH DRAIN |
| TP | TRAP PRIMER |
| TYP | TYPICAL |
| UR | URINAL |
| VTR | VENT THROUGH ROOF |
| WC | WATER CLOSET |
| WCO | WALL CLEANOUT |
| WF | WASH FOUNTAIN |
| WH | WATER HEATER |
| WMF | WASHING MACHINE FIXTURE |
| WM | WATER METER |
| WS | WATER SOFTENER |
| UB | UTILITY BOX |
| UON | UNLESS OTHERWISE NOTED |
| YCO | YARD CLEANOUT |

## CALIFORNIA DSA MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENT ANCHORAGE NOTES:

1. EQUIPMENT 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 2025 CBC, SECTION 1617A.18 THROUGH 1617A.1.26 AND ASCE 7-22 CHAPTERS 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 CONNECTION EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
   3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS 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 BETWEEN 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 DISTRIBUTED 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 COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

2. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS BRACING NOTE.

   PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-22 SECTION 13.3 AS DEFINED INS ASCE 7-22 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2025 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 A PREAPPROVED INSTALLATION GUIDE (E.G. HCAI 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)M ELECTRICAL DISTRIBUTION SYSTEMS (E):

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

   MP [] MD [] PP []  OPTION 2: SHALL COMPLY WITH THE APPLICABLE HCAI PRE-APPROVAL (OPM#) #_____.

## PLUMBING GENERAL NOTES:

1. THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR FULLY OPERATIONAL SYSTEMS, WHETHER SPECIFIED OR NOT.
2. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR A COMPLETE DESCRIPTION OF MATERIAL ON THESE DRAWINGS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL TAKES PRECEDENCE OVER THE CATALOG NUMBER. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN.
3. CONTRACTOR SHALL VERIFY THAT FIXTURES SUPPLIED ARE APPROVED PER ALL APPLICABLE STATE, LOCAL AND GOVERNING AUTHORITIES.
4. ALL FIXTURES SHALL CONFORM TO FEDERAL ACT S.3874
5. INVERT ELEVATIONS ARE FROM EXISTING DRAWINGS AND MAY NOT BE ACCURATE. VERIFY ALL ELEVATIONS BEFORE BEGINNING WORK.
6. VERIFY UNDERGROUND PIPE SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
7. REFER TO THE PLUMBING ROUGH-IN SCHEDULE FOR THE SIZES OF BRANCH PIPES TO PLUMBING FIXTURES.
8. FOR CLARITY, NOT ALL VALVES HAVE BEEN SHOWN. PROVIDE SHUTOFF VALVES IN DOMESTIC WATER PIPING SERVING EACH ROOM WITH FIXTURES. ANGLE STOPS SHALL NOT BE CONSIDERED SHUTOFF VALVES.
9. EXISTING CONDITIONS ON DEMOLITION PLANS ARE PROVIDED TO INDICATE THE GENERAL SCOPE OF ITEMS TO BE REMOVED.
10. P.C. SHALL CUT AND PATCH EXISTING AS REQUIRED FOR NEW OR DEMOLITION WORK UNLESS NOTED OTHERWISE.

## MECHANICAL RENOVATION NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.

1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
2. NOT ALL EXISTING DUCTWORK AND PIPING IS SHOWN. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEER OF ANY CONFLICTS WITH NEW WORK.
3. FIELD VERIFY THE AVAILABLE CLEARANCES FOR DUCTWORK AND PIPING BEFORE FABRICATION. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
4. EACH CONTRACTOR SHALL FIELD VERIFY ACCESSIBILITY TO THE AREA OF THEIR WORK AND SHALL NOTIFY THE GENERAL CONTRACTOR PRIOR TO BIDDING IF OTHER UTILITIES ARE REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO THEIR AREA OF WORK.
5. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CUTTING, REMOVAL AND PATCHING OF ROOFS, WALLS, AND FLOORS ASSOCIATED WITH WORK BY ALL CONTRACTORS. CONTRACTORS SHALL NOTIFY THE GC OF AFFECTED AREAS PRIOR TO BIDDING] EACH CONTRACTOR SHALL CUT AND PATCH ROOFS, WALLS, AND FLOORS ASSOCIATED WITH THEIR WORK.
6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILINGS, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING.
7. WHERE EXISTING MECHANICAL SYSTEMS DIFFER FROM THOSE SHOWN ON THE PROJECT DRAWINGS AND CREATE CONFLICTS WITH NEW EQUIPMENT, PIPING, OR DUCTWORK INSTALLATIONS, THE CONTRACTOR SHALL PROVIDE DETAILED DOCUMENTATION (SUCH AS SKETCHES, PHOTOS, AND DIMENSIONS) ALONG WITH RECOMMENDATIONS TO RESOLVE THE CONFLICT. THIS INFORMATION MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. NO WORK RELATED TO THE CONFLICT SHALL PROCEED UNTIL AN APPROVED RESOLUTION IS PROVIDED BY THE ENGINEER.
8. PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT REMAIN ACTIVE.
9. OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW SYSTEMS ARE INSTALLED.
10. MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR TIE IN AND SWITCHOVER. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER BEFORE PARTIALLY OR COMPLETELY DRAINING SYSTEM. MAKE CHANGEOVER TO NEW SYSTEMS WITH MINIMUM OUTAGE.
11. DISCONNECT AND REMOVE MECHANICAL DEVICES AND EQUIPMENT SERVING EQUIPMENT THAT HAS BEEN REMOVED.
12. PROPERLY RECLAIM AND DISPOSE OF ALL REFRIGERANT IN REMOVED EQUIPMENT/ REFRIGERANT PIPING. RECLAIMED REFRIGERANT SHALL HAVE DOCUMENTATION AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION (AHJ).

## SYMBOL LIST - PLUMBING SYSTEMS

| SYMBOL | DESCRIPTION |
|---|---|
| CW | COLD WATER - POTABLE |
| SAN | SANITARY DRAINAGE |
| V | VENT |

## PLUMBING ROUGH-IN SCHEDULE

NOTES: (APPLIES TO ALL PLUMBING FIXTURES LISTED BELOW)
1) SIZES SHOWN ARE MINIMUMS. LARGER SIZES SHOWN ON THE DRAWING SHALL DICTATE THE ROUGH-IN SIZE. 2) SANITARY RISERS UP IN WALL TO FIXTURES SHALL BE A MINIMUM OF 2". 3) DOMESTIC WATER BRANCH PIPING OUTSIDE OF THE WALL/CHASE SHALL BE A MINIMUM OF 3/4" UNLESS NOTED OTHERWISE. ONLY THE FINAL RISE-DROP SHALL BE SMALLER. 4) FINAL SANITARY SIZE SHALL MATCH P-TRAP SIZE (REFER TO MATERIAL LIST).

| TAG NAME | DESCRIPTION | CW | HW | SAN | VENT |
|---|---|---|---|---|---|
| EWC-1 | ELECTRIC WATER COOLER (ACCESSIBLE) | 1/2" | - | 1 1/2" | 1 1/2" |

## PLUMBING SHEET INDEX



| | |
|---|---|
| P0.00 | PLUMBING COVERSHEET |
| P1.10 | DEMOLITION FLOOR - PLUMBING |
| P2.10 | FLOOR PLAN - PLUMBING |
| GRAND TOTAL: 3 | |



## PLUMBING (WITH POWER) MATERIAL LIST

| TAG NAME | DESCRIPTION | ELECTRICAL | | | | | | | | | | | | | | | | MANUFACTURER AND MODEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | WATTS | # OF STAGES | TOTAL (QTY*KW) QTY | TOTAL (QTY*KW) KW | H.P. (NOTE E) | FLA | MCA | MOCP | VOLTAGE | PHASES | SCCR | # OF WIRES | DISCONNECT BY (NOTE A) | DISCONNECT TYPE (NOTE B) | CONTROLLER /STARTER BY (NOTE A) | CONTROLLER /STARTER TYPE (NOTE C) | EMERGENCY POWER | |
| EWC-1 | ELECTRIC WATER COOLER - WALL HUNG, NON REFRIGERATED, BI-LEVEL UNITS, ADA COMPLIANT WITH MATCHING CANE APRON INSTALLED UNDER UPPER UNIT, 18 GAUGE PAINTED STEEL CABINET, NON-SPLASH STAINLESS STEEL BASIN, STREAM PROJECTORS WITH PROTECTIVE HOODS, PUSH BAR OR LEVER OPERATING CONTROLS ON FRONT AND BOTH SIDES, BUILT-IN FLOW REGULATOR, PLASTIC P-TRAP ASSEMBLY, ADJUSTABLE THERMOSTAT, MOUNTING ACCESSORIES, TANK DRAIN AND ANGLE STOPS, COMPLIANT TO LATEST ANSI A117.1 AND ADA STANDARDS.<br><br>BOTTLE FILLING STATION - UNIT MOUNTED, STAINLESS STEEL CONSTRUCTION AND FINISH, INTEGRAL DRAIN OR DISCHARGE EXCESS WATER TO BOWL BELOW, SENSOR OPERATED WITH AUTOMATIC SHUTOFF, REPLACEABLE LEAD-CHLORINE-TASTE-ODOR WATER FILTER, BOTTLE COUNTER, FILTER REPLACEMENT INDICATOR.<br><br>ORIFICE SHALL BE AT 36" (MAXIMUM) ABOVE FINISHED FLOOR ON LOWER UNIT AND 40" ABOVE FINISHED FLOOR ON UPPER UNIT. BOTTOM OF APRON SHALL BE 27" ABOVE FLOOR ON LOWER UNIT IN COMPLIANCE WITH LATEST ADA STANDARDS.<br><br>ELECTRICAL REQUIREMENTS - CORD AND PLUG, PLAIN RECEPTACLE MOUNTED WITHIN EWC LOWER ENCLOSURE, GFCI BREAKER. | 15 | | | | 0 | 1.1 | 0 | 0 | 115 | 0 | 0 | 0 | EC | NF | 0 | 0 | No | ELECTRIC WATER COOLER -ELKAY LZSTLDDWSLK |

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## KEYNOTES

## NOTES

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FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**PLUMBING COVERSHEET**

PROGRESS

DATE: **07/26/13**

CLIENT PROJ NO:

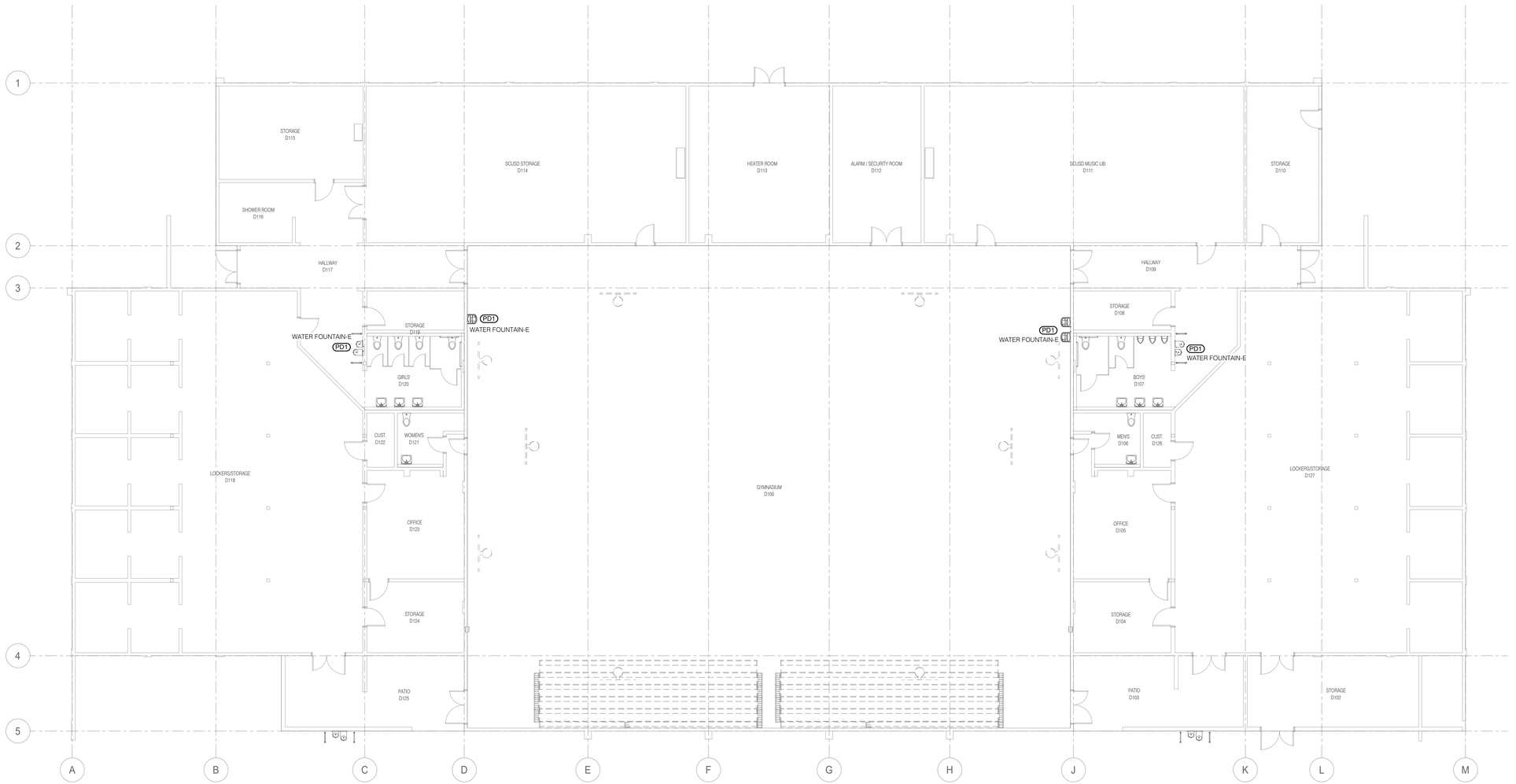
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**P0.00**

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4/24/2026 2:15:12 AM

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## 1 DEMOLITION FLOOR - PLUMBING

1/8" = 1'-0"

NORTH

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|---|---|---|

## KEYNOTES

PD1 CONTRACTOR TO DRAIN AND REMOVE EXISTING ELECTRIC WATER COOLER COMPLETELY. COORDINATE ALL DISPOSAL REQUIREMENTS WITH OWNER. CONTRACTOR TO CAP ALL EXISTING COLD WATER, SANITARY SEWER AND VENT PIPING SERVING FIXTURE WITH WATER TIGHT SEAL.

## NOTES

1. ALL EXISTING PLUMBING FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.


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SHEET NAME:

**DEMOLITION FLOOR - PLUMBING**

**PROGRESS**

DATE: **04/22/26**

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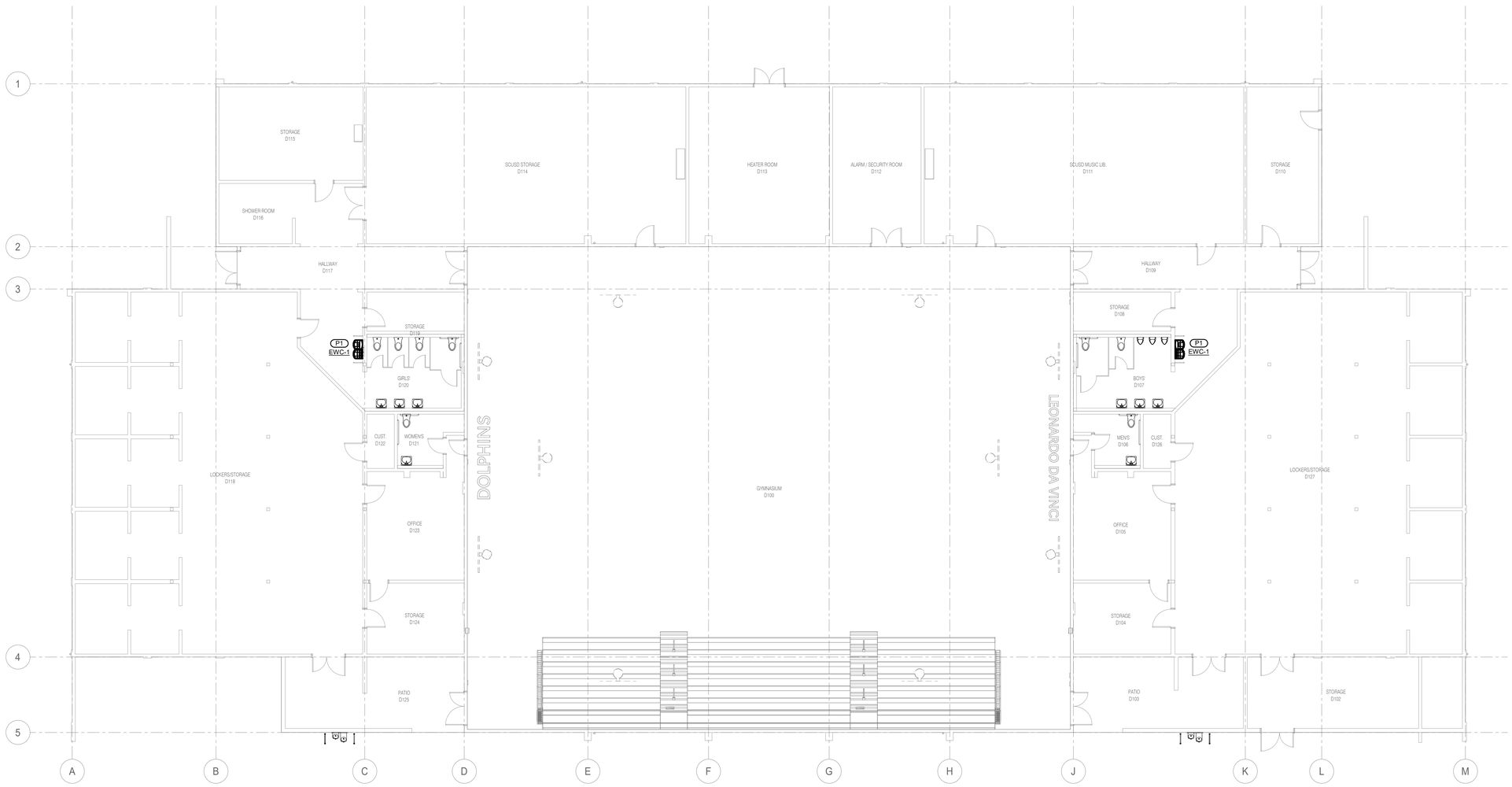
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NORTH 1 **FLOOR PLAN - PLUMBING**
1/8" = 1'-0"

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|---|---|---|

## KEYNOTES

P1 CONTRACTOR TO INSTALL NEW ELECTRIC WATER COOLER.CONTRACTOR TO CONNECT NEW ELECTRIC WATER COOLER TO EXISTING COLD WATER, SANITARY SEWER AND VENT PIPING. CONTRACTOR TO FIELD VERIFY ALL EXISTING COLD WATER, SANITARY SEWER AND VENT PIPING LOCATION.

## NOTES

1. ALL EXISTING PLUMBING FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.


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PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**FLOOR PLAN - PLUMBING**

**PROGRESS**

DATE: **04/22/26**

CLIENT PROJ NO:

SHEET:

# P2.10

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## VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

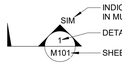
1 — KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH
PLAN OR DETAIL NUMBER
PLAN OR DETAIL NAME




VIEW NAME
1/8" = 1'-0"
PLAN OR DETAIL SCALE

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS
DETAIL REFERRED TO BY SECTION CUT
SHEET DETAIL IS LOCATED ON




LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
NEW
EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN
EXISTING (NARROW LINE PATTERN)
EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

WORK BY OTHERS (NARROW LINE)
WORK BY OTHERS (NARROW LINE)
EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

'TAG'-(E) TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

'TAG'-(R) TAGS WITH DASH 'R' INDICATES THE REFERENCED OBJECT IS REMOVED

TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

## FIRE / SMOKE BARRIER DESIGNATIONS

FIRE AND SMOKE SEPARATIONS ARE NOT SHOWN ON THESE DOCUMENTS. CONTRACTOR SHALL REVIEW THE ARCHITECTURAL PLANS AND DETERMINE THE LOCATIONS OF ALL FIRE AND SMOKE PARTITIONS, BARRIERS, AND WALLS. THIS INCLUDES FLOOR RATINGS. PRICING SHALL INCLUDE ALL MATERIALS AND LABOR REQUIRED TO MAINTAIN THE RATINGS OF ALL RATED SEPARATIONS, WHETHER SHOWN ON THE ENGINEERING PLANS OR NOT.

## APPLICABLE CODES

CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND LOCAL AMENDMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

| | | |
|---|---|---|
| BUILDING CODE: | IBC 20** EDITION<br>UBC 20** | |
| FIRE CODE: | IFC 20** EDITION<br>NFPA: 1 20** EDITION | -OR- |
| PLUMBING CODE: | IPC 20** EDITION<br>UPC 20** | |
| MEDICAL GAS CODE: | NFPA 99 - 20** EDITION | |
| MECHANICAL CODE: | IMC 20** EDITION<br>UMC 20** | |
| ELECTRICAL CODE: | NFPA 70 (NEC) 20** EDITION | |
| LIFE SAFETY CODE: | NFPA 101 20** EDITION | |
| ENERGY CONSERVATION CODE: | IECC 20**<br>ASHRAE 90.1 20** | |
| HEALTH DEPARTMENT CODE: | CURRENT EDITION | |
| LOCAL BUILDING CODE: | CURRENT EDITION | |

**NTD: COORDINDATE THIS LEGEND VIEW WITH OTHER DISCIPLINES. CONSIDER DELETING IF ALL CODES ARE SHOWN BY ARCHITECT**

## CONTRACTOR ABBREVIATION KEY

| ABBR: | DESCRIPTION: |
|---|---|
| A.C. | ASBESTOS ABATEMENT CONTRACTOR |
| A.V.C. | AUDIO/VISUAL CONTRACTOR |
| C.C. | CIVIL CONTRACTOR |
| C.M. | CONSTRUCTION MANAGER |
| E.C. | ELECTRICAL CONTRACTOR |
| F.P.C. | FIRE PROTECTION CONTRACTOR |
| F.S.C. | FOOD SERVICE CONTRACTOR |
| G.C. | GENERAL CONTRACTOR |
| H.C. | HEATING CONTRACTOR |
| M.C. | MECHANICAL CONTRACTOR |
| N.C.C. | NURSE CALL CONTRACTOR |
| P.C. | PLUMBING CONTRACTOR |
| S.C. | SECURITY CONTRACTOR |
| T.C. | TECHNOLOGY CONTRACTOR |
| T.C.C. | TEMPERATURE CONTROLS CONTRACTOR |
| V.C. | VENTILATION CONTRACTOR |

## CONTACT PERSONS:

| DESCRIPTION: | PERSON: |
|---|---|
| PROJECT MANAGER | ---- |
| MECHANICAL | ---- |
| ELECTRICAL | ---- |
| TECHNOLOGY | ---- |
| MEDICAL EQUIPMENT | ---- |
| ACOUSTICAL | ---- |

**NTD: DELETE THIS ITEM IF NOT REQUIRED BY PROJECT MANAGER**

## ELECTRICAL SYMBOL LIST - POWER

| SYMBOL | EQUIP ABBREV | SPEC SECTION | DESCRIPTION |
|---|---|---|---|

## ELECTRICAL SYMBOL LIST - RECEPTACLES

| SYMBOL | TAG | EQUIP ABBREV | SPEC SECTION | DESCRIPTION |
|---|---|---|---|---|

## ELECTRICAL EQUIPMENT TAGS

| TAG: | DESCRIPTION: | RELATED SPECIFICATION |
|---|---|---|
| ATS-# | AUTOMATIC TRANSFER SWITCH, REFER TO TRANSFER SWITCH SCHEDULE | 26 36 00 |
| BAT-# | BATTERY RACK | 26 32 13 |
| C-# | GENERAL PURPOSE CONTACTOR | 26 28 21 |
| CR-# | CORD REEL | 26 27 26 |
| CT-# | CABLE TRAY | 26 05 36 |
| CUP-# | CUSTOM UTILITY PEDESTAL | 26 27 16 |
| DIM-# | DC DIMMING PANEL | 26 09 33 |
| DP-# | DISTRIBUTION PANEL | 26 24 16 |
| DR-# | DIMMING RACK | 26 09 33 |
| DT-# | GENERATOR DAY TANK | 26 32 13 |
| DTR-# | TRANSFORMER - DISTRIBUTION TYPE<br>REFER TO TRANSFORMER SCHEDULE | 26 12 19<br>26 12 13<br>26 12 16<br>26 12 21 |
| EVCS-# | ELECTRICAL VEHICLE CHARGING STATION | 26 27 29 |
| GCC-# | TEMP. GENERATOR/LOAD BANK CONNECTION CABINET | 26 36 00 |
| GCP-# | GENERATOR CONTROL PANEL | 26 32 13 |
| GEN-# | GENERATOR | 26 32 13 |
| GPS-# | GENERATOR PARALLELING AND DISTRIBUTION SWITCHBOARD | 26 24 14<br>26 13 35 |
| GANN-# | GENERATOR ANNUNCIATOR PANEL | 26 32 13 |
| HH-# | HANDHOLE | 26 05 33 |
| HT-# | HEAT TAPE | 26 05 17 |
| INV-# | LIGHTING INVERTER | 26 52 00 |
| M-# | METER DISTRIBUTION CENTER | 26 20 00 |
| MC-# | EXTERIOR MOUNTED METERING CABINET | 26 20 00 |
| MCC-# | MOTOR CONTROL CENTER, REFER TO MOTOR CONTROL SCHEDULE | 26 14 19 |
| MH-# | MANHOLE | 26 05 37 |
| MPC-# | PACKAGED POWER CENTER | 26 24 23 |
| MTS-# | MANUAL TRANSFER SWITCH, REFER TO TRANSFER SWITCH SCHEDULE | 26 36 00 |
| MVSG-# | MEDIUM VOLTAGE SWITCHGEAR | 26 13 13<br>26 13 34 |
| MX-# | MANUAL SWITCH, REFER TO DISCONNECT AND STARTER SCHEDULE | 26 24 19 |
| PDU-# | POWER DISTRIBUTION UNIT | 26 26 00 |
| PS-# | PAD-MOUNT MEDIUM VOLTAGE SWITCH | 26 13 15 |
| R-# | RELAY | 26 09 39 |
| RA-ATS-# | REMOTE ANNUNCIATOR FOR ATS | 26 36 00 |
| RFFS-# | REMOTE FUEL FILL STATION | 26 32 13 |
| SB-# | SWITCHBOARD | 26 24 13 |
| SC-# | SECTIONALIZING CABINET | 26 13 14 |
| SG-# | SWITCHGEAR | 26 23 00 |
| SMP-# | SNOW MELT CONTROL PANEL | 26 05 17 |
| SMS-# | PAVEMENT MOUNTED DEICING CONTROLLER | 26 05 17 |
| SPD-# | SURGE PROTECTION DEVICE | 26 43 00 |
| UD-# | UNDERFLOOR DUCT - TRENCH DUCT - CELLULAR FLOOR DUCT | 26 05 38 |
| UPS-# | UNINTERRUPTIBLE POWER SUPPLY | 26 33 53 |
| US-# | UNIT SUBSTATION | 26 11 00 |
| VFD-# | VARIABLE FREQUENCY DRIVE - REFER TO VFD SCHEDULE | 26 29 23 |
| WD-# | WALL DUCT | 26 05 38 |

## SUGGESTED MATRIX OF RESPONSIBILITY

| ITEM: | SHOWN ON: | FURNISHED BY: | INSTALLED BY: | NOTES: |
|---|---|---|---|---|
| TECHNOLOGY ROUGH-IN, REFER TO TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR DEFINITION | T-SERIES | E.C. | E.C. | 3. 4. |
| INFORMATION OUTLET FACEPLATES, JACKS, AND TERMINATIONS | T-SERIES | T.C. | T.C. | |
| CONDUIT SLEEVES (WHEN SHOWN ON DRAWINGS) | T-SERIES | E.C. | E.C. | |
| CONDUIT SLEEVES (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM) | N/A | T.C. | T.C. | 2. 4. |
| TELECOMMUNICATION SYSTEMS ROUGH-IN | T-SERIES | E.C. [T.C] | E.C. | 1. |
| TELECOMMUNICATION EQUIPMENT, CABLING, AND TERMINATIONS | T-SERIES | T.C. | T.C. | |
| NURSE CALL ROUGH-IN | T-SERIES | N.C.C. [E.C.] | E.C. | |
| NURSE CALL EQUIPMENT, CABLING, AND TERMINATIONS | T-SERIES | N.C.C. [OWNER] | | |
| CABLE TRAY (INCLUDING WIRE BASKET TRAY) REFER TO SPECIFICATION SECTION 27 05 28 FOR DEFINITION | T-SERIES | E.C. | E.C. | |
| LADDER RACK | T-SERIES | T.C. | T.C. | 5. |
| GROUNDING LUGS ON TECHNOLOGY EQUIPMENT | T-SERIES | T.C. | E.C. | 6. |
| BONDING SYSTEM FOR TECHNOLOGY SYSTEM, REFER TO SPECIFICATION SECTION 27 05 26 FOR DEFINITION | T-SERIES | E.C. | E.C. | 7. 8. |
| CONNECTION OF TECHNOLOGY BONDING SYSTEM TO THE ELECTRICAL GROUND SYSTEM | T-SERIES | E.C. | E.C. | |
| LINE VOLTAGE POWER (+120V OR GREATER) | E-SERIES | E.C. | E.C. | |
| LINE VOLTAGE POWER (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM) | N/A | T.C. | E.C. | 2. 4. |
| LINE VOLTAGE POWER FOR DOOR HARDWARE POWER SUPPLIES | ARCH SPEC | E.C. | E.C. | |
| LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS | T-SERIES | T.C. | T.C. | |
| CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY) | T-SERIES | T.C. | T.C. | 5. |
| TECHNOLOGY SERVICE ENTRANCE CONDUITS, HANDHOLES, AND MANHOLES | [E]T-SERIES | E.C. | E.C. | |
| FLOOR BOX (ROUGH-IN) | T & E SERIES | E.C. | E.C. | |

## SUGGESTED MATRIX OF RESPONSIBILITY NOTES

| Key Name | SUGGESTED MATRIX NOTES |
|---|---|
| 1. | LOCATIONS OF TELECOMMUNICATIONS ROUGH-INS SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOLS ON THE DRAWINGS. REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION. |
| 2. | BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS. |
| 3. | INCLUDES BACKBOXES AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION. THE E.C. SHALL BASE THE BID ON THE BASIS OF DESIGN SHOWN ON THE CONTRACT DOCUMENTS. |
| 4. | ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN. |
| 5. | UNLESS TRADE RULES DICTATE OTHERWISE. |
| 6. | FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD. |
| 7. | INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE BONDING SYSTEM REQUIRED BY THE SPECIFICATIONS. |
| 8. | REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE TECHNOLOGY DRAWINGS FOR CONNECTION TO THE GROUNDING FLOW DIAGRAM. |

## ELECTRICAL ABBREVIATION KEY

| ABBR: | DESCRIPTION: |
|---|---|
| ABV | ABOVE |
| AFC | ABOVE FINISHED CEILING |
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| ASR | ARCHITECTURAL SURFACE RACEWAY |
| BC | BELOW COUNTER |
| C | CONDUIT (BRANCH CIRCUIT OR FEEDER CONTEXT) |
| CO | CONDUIT AND BOX ROUGH-IN ONLY (ROUGH-IN ONLY) |
| EG | EQUIPMENT GROUND |
| EGC | EQUIPMENT GROUNDING CONDUCTOR |
| EOL | END OF LINE |
| EPO | EMERGENCY POWER OFF |
| GFR | GROUND FAULT REMOTE |
| HOA | HAND/OFF/AUTO |
| ITR | IT RACK MOUNTED RECEPTACLE |
| NC | NORMALLY CLOSED |
| NEMA # | NEMA RATING |
| NIC | NOT IN CONTRACTED SCOPE |
| NO | NORMALLY OPEN |
| ROOF | EQUIPMENT LOCATED ON ROOF ABOVE |
| SM | SURFACE MOUNTED |
| TYP | TYPICAL |
| UG | UNDERGROUND |
| UON | UNLESS OTHERWISE NOTED |

## HEALTHCARE EQUIPMENT ABBREVIATION KEY

| ABBR: | DESCRIPTION: |
|---|---|
| AED | AUTOMATIC EXTERNAL DEFIBRILLATOR - CRASH CART |
| BSC | BIOSAFETY CABINET |
| BW | BLANKET WARMER |
| DIS | MEDICAL EQUIPMENT DISINFECTOR |
| INF | INFUSION PUMP |
| LIFT | PATIENT LIFT |
| MAB | MEDICAL ANESTHESIA BOOM |
| MEB | MEDICAL EQUIPMENT BOOM |
| MED | MEDICATION DISPENSING CABINETS |
| MEL | MEDICAL EXAM LIGHT (BOOM LIGHT) |
| PASS | MEDICAL PASS THRU CABINET |
| PEG | PORTABLE MEDICAL EQUIPMENT (X-RAY) |
| PNTU | PNEUMATIC TUBE |
| SSK | SURGICAL SCRUB SINK |
| STER | MEDICAL EQUIPMENT STERILIZER |
| UCL | MEDICAL ULTRASONIC CLEANER |

## ELECTRICAL RENOVATION NOTES:

THESE NOTES APPLY TO ALL ELECTRICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, LIGHTING, POWER, FIRE ALARM, AND OTHER LOW VOLTAGE SYSTEMS.

1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.
2. NOT ALL EXISTING EQUIPMENT, LUMINAIRES, AND CONDUIT ARE SHOWN. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.
3. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS PRIOR TO FABRICATION OF CABLE TRAY, BUSWAY, CONDUIT RACKS, AND OTHER SYSTEMS. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS. **[INTD: KEEP FOR WORK IN CONGESTED RENOVATIONS]**
4. ELECTRICAL CONTRACTOR SHALL REVIEW EXISTING CONDITIONS TO VERIFY ACCESSIBILITY TO THE AREAS OF THEIR WORK INCLUDING WALLS, FLOOR, CEILINGS, CEILING TILES/GRID, AND ROOF. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE CUTTING, REMOVAL, PATCHING, AND REINSTALLATION OF AFFECTED AREAS ASSOCIATED WITH THEIR WORK BY COORDINATING WITH THE GENERAL CONTRACTOR OR QUALIFIED CONTRACTOR. **[CONTRACTOR SHALL NOTIFY THE PRIME CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING].**
5. WHERE EXISTING ELECTRICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, CONDUIT, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING ELECTRICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.

## ELECTRICAL PHASING NOTES:

THESE NOTES APPLY TO ALL ELECTRICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, LIGHTING, POWER, FIRE ALARM, AND OTHER LOW VOLTAGE SYSTEMS.

1. REFER TO **[ARCHITECTURAL]** DRAWINGS FOR GENERAL DESCRIPTION OF PHASES.
2. REFER TO **[CONSTRUCTION MANAGER'S/GENERAL CONTRACTOR'S/ARCHITECT'S]** INSTRUCTIONS FOR MORE DETAILS AND PHASING SCHEDULES AND FOR CONCURRENT WORK. MECHANICAL, ELECTRICAL AND TECHNOLOGY DRAWINGS DEPICT THE INTENT OF THE FINAL DESIGN. THE MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS DO NOT DEPICT THE MEANS AND METHODS TO MEET THE REQUIREMENTS OF THE PHASING CRITERIA.
3. REVIEW PROJECT PHASING PLANS TO COORDINATE DEMOLITION WORK, OUTAGES, ETC. WITH AFFECTED ADJACENT AREAS.
4. PROVIDE TEMPORARY LIGHTING, POWER, FIRE ALARM, AND OTHER LOW VOLTAGE SYSTEMS, ETC. AS NEEDED TO MAINTAIN SERVICE TO ALL AREAS DURING ALL PHASES OF PROJECT.

## EQUIPMENT ABBREVIATION KEY

| ABBR: | DESCRIPTION: |
|---|---|
| AD | AUTOMATIC DOOR OPERATOR WITH SENSOR |
| ATM | AUTOMATIC TELLER MACHINE |
| COF | COFFEE |
| COPY | COPIER |
| DB | DOOR BELL |
| DISP | GARBAGE DISPOSAL |
| DLVL | DOCK LEVELER |
| DOOR | DOOR OPERATOR, ELECTRIC |
| DRY | DRYER, CLOTHS |
| DW | DISHWASHER |
| ELEV | ELEVATOR |
| ELVC | ELEVATOR CAB CONNECTION |
| ELVD | ELEVATOR AUDIO VISUAL DATA SYSTEM |
| EPT | ELECTRONIC PAPER TOWEL DISPENSER (NON-BATTERY) |
| ESP | ESPRESSO MACHINE |
| EWC | ELECTRIC WATER COOLER |
| EWCC | ELECTRIC WATER COOLER CONDENSER |
| FAN | CEILING FAN |
| FDO | FIRE DOOR OPERATOR |
| FFE | OWNER FURNISHED FIXTURES, FURNITURE, AND EQUIPMENT |
| FURN | OWNER FURNITURE |
| HD | HAND DRYER |
| HOOD | KITCHEN EXHAUST HOOD |
| ICE | ICE MACHINE |
| MS | MOTORIZED SHADE |
| MW | MICROWAVE |
| OHD | OVERHEAD DOOR |
| OVEN | OVEN, WALL |
| PFR | PLUMB FIXTURE RECEPT FOR LV VALVE POWER |
| PP | PUSH PAD AUTOMATIC DOOR OPERATOR (REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATION) |
| PW | POWER WASHER SPECIAL RECEPTACLE |
| RANGE | ELECTRICAL COOKTOP RANGE |
| REF | REFRIGERATOR |
| SIGN | DEDICATED SIGNAGE CIRCUIT |
| SINK | SCRUB SINK |
| STOVE | RANGE / OVEN APPLIANCE |
| TCP | TEMPERATURE CONTROLS PANEL |
| TRSH | TRASH COMPACTOR |
| TV | TELEVISION - MONITOR - DISPLAY |
| UCF | UNDERCOUNTER FREEZER |
| UCM | UNDERCOUNTER MICROWAVE |
| UCR | UNDERCOUNTER REFRIGERATOR |
| VEND | VENDING MACHINE |

## ELECTRICAL INSTALLATION NOTES:

1. **[THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2010 (LATEST PUBLISHED) ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA STANDARDS FOR ALL CONFIGURATION DETAILS ON THIS PAGE FOR ADDITIONAL INFORMATION.] [CHICAGO. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO MAYOR'S OFFICE FOR PEOPLE WITH DISABILITIES (MOPD).] [CALIFORNIA. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ACCESSIBILITY CODE REQUIREMENTS. REFER TO THE ARCHITECTURAL DRAWINGS ACCESSIBILITY STANDARDS.]**
2. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
3. **[EMERGENCY, LEGALLY REQUIRED, OPTIONAL STANDBY] [LIFE SAFETY, CRITICAL, EQUIPMENT]** BRANCH WIRING FOR FEEDERS AND BRANCH CIRCUITS SHALL BE ROUTED IN SEPARATE RACEWAY, JUNCTION BOXES, PULL BOXES, AND CABINETS. WIRING FOR EACH BRANCH SHALL BE INDEPENDENT FROM OTHER BRANCHES, INCLUDING THE NORMAL BRANCH.
4. FLUSH MOUNT ALL LIGHTING CONTROL DEVICES AT +42" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED.
5. FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TECHNOLOGY OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. RECEPTACLES AND OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED. MOUNT EXTERIOR LOCATED RECEPTACLES WITH WHILE-IN-USE COVERS AT +20" FROM FINISHED GRADE (CENTER DIMENSIONS) TO MAINTAIN INSTALLATION ADA COMPLIANCE.
6. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO **[27 05 03 AND 28 05 03] [DIVISION 7] [26 05 03]** FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
7. CONNECTION FOR ELECTRIC WATER COOLERS (EWC) SHALL BE A JUNCTION BOX CONCEALED BEHIND WATER COOLER ACCESS PLATE OR BE A GFI RECEPTACLE LOCATED DIRECTLY BELOW AND CENTERED ON EWC. CONTRACTOR SHALL VERIFY TYPE OF EWC TO BE INSTALLED.
8. MOUNT ALL FIRE ALARM PULL STATIONS AT +42" FROM FLOOR (CENTERLINE DIMENSION) EXCEPT WHERE OTHERWISE NOTED. **NTD: REMOVE FOR CHICAGO**
9. INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90° ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT SHALL BE MEASURED TO THE TOP OF THE DEVICE.
10. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING MOUNTED DEVICES AND EQUIPMENT WITH LUMINAIRES, SPRINKLER, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERN. SMOKE DETECTORS,CARBON MONOXIDE DETECTORS, AND OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR SUPPLY DIFFUSER OR RETURN GRILLE. CARBON MONOXIDE DETECTORS SHALL BE LOCATED 10 PLUS FT FROM FIRE PLACES, COOKING, AND SIMILAR FUEL-BURNING APPLIANCES.
11. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION, THIS CONTRACTOR SHALL ADJUST RECEPTACLES, OUTLETS, OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
12. ELECTRICAL AND TECHNOLOGY EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF, OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS. **NTD: EDIT TO MATCH SCOPE**
14. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH. **[NTD: EDIT TO MATCH SCOPE]**
15. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND OTHER ELECTRICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
16. ELECTRICAL IDENTIFICATION. REFER TO SPECIFICATION SECTION 26 05 53 FOR COLOR/LABEL REQUIREMENTS FOR CONDUIT, BOX, CABLE/WIRE, AND EQUIPMENT.

## RECEPTACLE SUBSCRIPT KEY:

DEVICE KEY:

DEVICE — # = MOUNTING (IF APPLICABLE)
1 = CIRCUIT NUMBER

*IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: A / 1

ELECTRICAL MOUNTING SUBSCRIPT KEY:

| | |
|---|---|
| A | MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH |
| C | MOUNT AT CEILING (DEVICE OR ROUGH-IN CONTEXT) |
| H | MOUNT ORIENTED HORIZONTALLY |
| L | MOUNT IN CASEWORK |
| M | MOUNT IN MODULAR FURNITURE |
| R | MOUNT IN SURFACE RACEWAY |
| SM | SURFACE MOUNTED |
| WG | WIRE GUARD |
| +#" | MOUNT AT #" TO CENTERLINE ABOVE FINISHED FLOOR |

SHADED DEVICE INDICATES DEVICE IS CONNECTED TO AN EMERGENCY CIRCUIT.
DEVICE — E

| PROJECT ALTITUDE: | 0,000.00 FT. ABOVE SEA LEVEL |
|---|---|

**NTD: DELETE THIS ITEM IF NOT REQUIRED BY PROJECT MANAGER**

## SCOPE OF WORK NOTES:

1. DEMOLISION OF EXISTING ELECTRICAL EUQIPMENT AS INDICATED ON PLANS
2. REPLACEMENT OF VARIOUS EXISTING EQUIPMENT TO EXISTING ELECTRICAL CONNECTIONS
3. REPLACEMENT OF EXISTING MANUAL BLEACHERS WITH NEW MOTORIZED BLEACHERS
4. PROVIDE NEW GYM SOUND SYSTEM
5. PROVIDE NEW POWER AND DATA CONNECTIONS AS REQUIRED FOR SCOREBOARD/TABLE

## ELECTRICAL SHEET INDEX



| | |
|---|---|
| E0.00 | ELECTRICAL COVERSHEET |
| E0.01 | ELECTRICAL COVERSHEET |
| E1.00 | DEMOLITION FLOOR - POWER |
| E1.10 | DEMOLITION FLOOR - SYSTEMS |
| E2.00 | FLOOR PLAN - POWER |
| E2.10 | FLOOR PLAN - SYSTEMS |
| E3.00 | ELECTRICAL ENLARGED PLANS |
| E4.00 | ELECTRICAL DETAILS |
| E4.10 | ELECTRICAL DETAILS |
| E5.00 | ELECTRICAL DIAGRAMS |
| E6.00 | ELECTRICAL SCHEDULES |
| E7.00 | ELECTRICAL PANEL SCHEDULES |
| GRAND TOTAL: 12 | |



AGENCY APPROVAL:

REVIEWING AGENCIES STAMP HERE

Sacramento City Unified School District


HMC DESIGN FOR GOOD Architects
3186-081-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
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## KEYNOTES

## NOTES


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FACILITY:

**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**ELECTRICAL COVERSHEET**

**PROGRESS**

DATE: **08/02/13**

CLIENT PROJ NO:

SHEET:

# E0.00


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# CALIFORNIA DSA MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENT ANCHORAGE NOTES:

1. EQUIPMENT 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 2025 CBC, SECTION 1617A.18 THROUGH 1617A.1.26 AND ASCE 7-22 CHAPTERS 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 CONNECTION EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
   3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS 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 BETWEEN 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 DISTRIBUTED 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 COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

2. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS BRACING NOTE.

   PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-22 SECTION 13.3 AS DEFINED INS ASCE 7-22 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2025 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 A PREAPPROVED INSTALLATION GUIDE (E.G. HCAI 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)M ELECTRICAL DISTRIBUTION SYSTEMS (E):

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

   MP [] MD [] PP []  OPTION 2: SHALL COMPLY WITH THE APPLICABLE HCAI PRE-APPROVAL (OPM#) #_____.

## APPLICABLE CODES AND STANDARDS:

**[2025]** CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 1

**[2025]** CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 2
(2021 INTERNATIONAL BUILDING CODE (IBC) W/ 2022 CALIFORNIA AMENDMENTS)

**[2025]** CALIFORNIA ELECTRICAL CODE (CEC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 3
(2020 NATIONAL ELECTRICAL CODE (NEC) W/ 2022 CALIFORNIA AMENDMENTS)

**[2025]** CALIFORNIA MECHANICAL CODE (CMC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 4
(2021 UNIFORM MECHANICAL CODE (UMC) W/ 2022 CALIFORNIA AMENDMENTS)

**[2025]** CALIFORNIA PLUMBING CODE (CPC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 5
(2021 UNIFORM MECHANICAL CODE (UPC) W/ 2022 CALIFORNIA AMENDMENTS)

**[2025]** CALIFORNIA ENERGY CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 6

**[2025]** CALIFORNIA HISTORICAL BUILDING CODE (CHBC)
CALIFORNIA CODE OF REGULATIONS (CHBC) TITLE 24, PART 8

**[2025]** CALIFORNIA FIRE CODE (CFC)
CALIFORNIA CODES OF REGULATIONS (CRR) TITLE 24, PART 9
(2021 INTERNATIONAL FIRE CODE (IFC) W/ 2022 CALIFORNIA AMENDMENTS)

**[2025]** CALIFORNIA EXISTING BUILDING CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 10
(2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC))

**[2025]** CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
CALIFORNIA CODES OF REGULATIONS (CCR) TITLE 24, PART 11

**[2025]** CALIFORNIA REFERENCED STANDARDS CODE
CALIFORNIA DOE OF REGULATIONS (CCR) TITLE 24, PART 12

AMERICANS WITH DISABILITIES ACT (ADA)
TITLE II - ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAG)
1990 STATE FIRE MARSHAL REGULATIONS AND AMENDMENTS TO-DATE

CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, CALIFORNIA STATE
ACCESSIBILITY STANDARDS CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 19

NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS **[2022]** EDITION
(CA AMENDED)

NFPA 14 STANDARDS FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS **[2019]** EDITION
(CA AMENDED)

NFPA 17 STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS **[2021]** EDITION

NFPA 17A STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS **[2017]** EDITION

NFPA 20 STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION **[2019]** EDITION

NFPA 22 STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION **[2013]** EDITION

NFPA 24 STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES **[2019]** EDITION (CA AMENDED)

NFPA 54 NATIONAL FUEL GAS CODE **[2018]** EDITION (CA AMENDED)

NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE **[2025]** EDITION (CA AMENDED)

NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENINGS PROTECTIVES **[2019]** EDITION

NFPA 90A STANDARD FOR INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS **[2018]** EDITION (CA AMENDED)

NFPA 99 HEALTHCARE FACILITIES CODE **[2021]** EDITION (CA AMENDED)

NFPA 418 STANDARD FOR HELIPORTS **[2016]** EDITION (CA AMENDED)

NFPA 2001 STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS **[2018]** EDITION
(CA AMENDED)

UL 300 STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT 2005 (R2010)

UL 464 AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES **[2003]** EDITION

UL 521 STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS **[1999]** EDITION

UL 1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED **[2002]** (R2012)

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2025 CALIFORNIA BUILDING CODE (CBC) CHAPTER 35 AND CALIFORNIA FIRE CODE (CFC) CHAPTER 80

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**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**ELECTRICAL COVERSHEET**

**PROGRESS**

DATE: **08/02/13**

CLIENT PROJ NO:

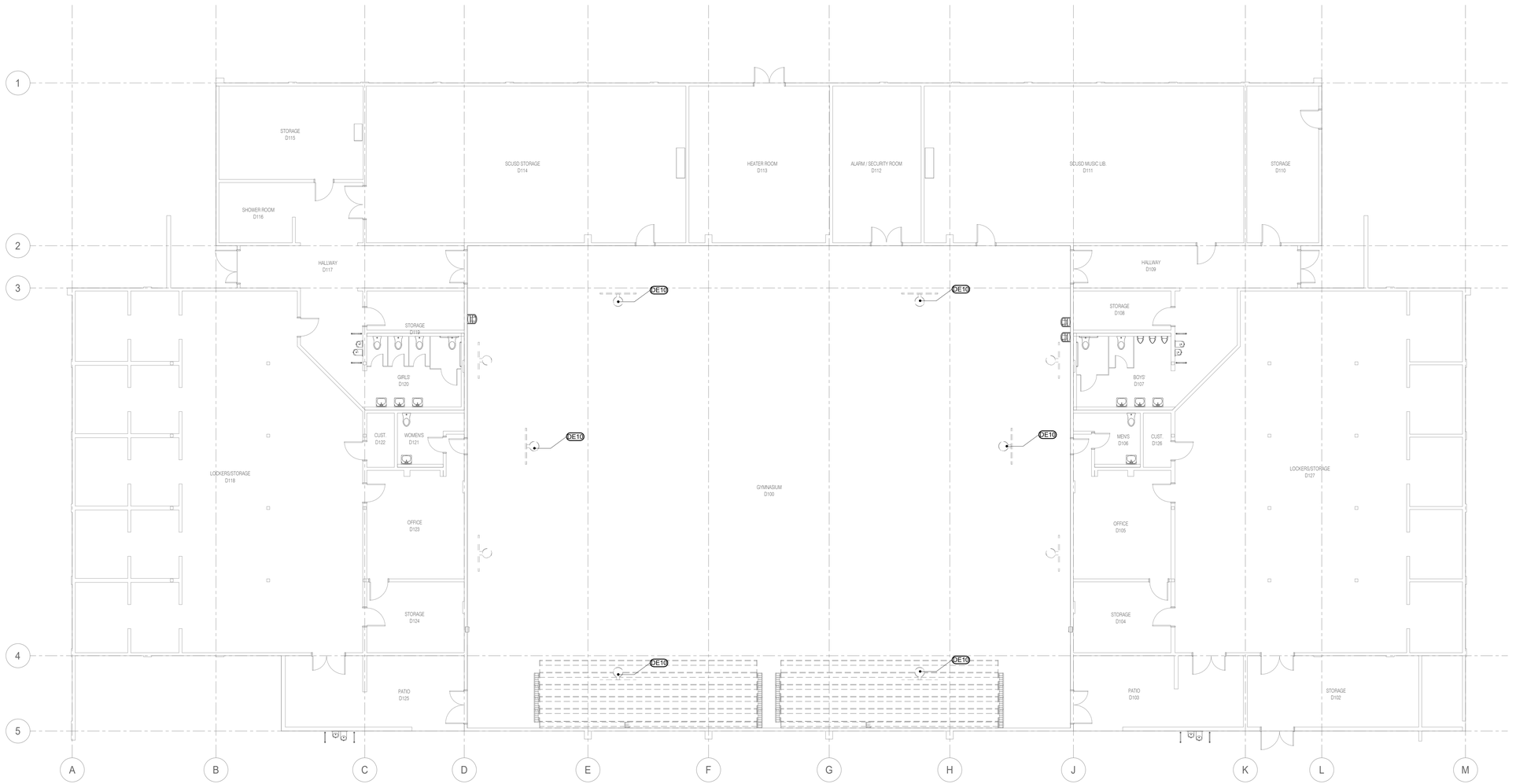
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## 1 DEMOLITION FLOOR - POWER

1/8" = 1'-0"

NORTH

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## KEYNOTES

DE 10 DENERGIZE PANEL SERVING EQUIPMENT PRIOR TO DEMOLISION OF EQUIPMENT. ELECTRICAL CONTRACTOR TO REMOVE BASKETBALL HOOP MOTOR AND RUN BACK ELECTRICAL CONNECTION BACK TO PANEL FEEDER. LEAVE IN CONDUIT PULLTHROUGH FEEDER.

## NOTES

1. ELECTRICAL CONTRACTOR SHALL VERIFY ALL BREAKERS SERVING EQUIPMENT SCHEDULED FOR DEMOLITION ARE DE-ENERGIZED AND LOCKED OUT PRIOR TO WORK. WHERE INDIVIDUAL BREAKER LOCKOUT MEANS ARE NOT AVAILABLE, THE ENTIRE PANELBOARD SHALL BE DE-ENERGIZED AND LOCKED OUT IN ACCORDANCE WITH APPLICABLE LOCKOUT/TAGOUT REQUIREMENTS. COORDINATE DE-ENERGIZED PANEL WORK WITH OTHER DISCIPLINES PRIOR TO LOCKING OUT PANEL.
2. EXISTING CIRCUITS INDICATED TO REMAIN SHALL BE MAINTAINED IN SERVICE AND PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL VERIFY CIRCUIT ROUTING PRIOR TO DEMOLITION AND SHALL REPAIR OR REPLACE ANY CIRCUITS DAMAGED BY CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.


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**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**DEMOLITION FLOOR - POWER**

**PROGRESS**

DATE: **04/22/26**

CLIENT PROJ NO:

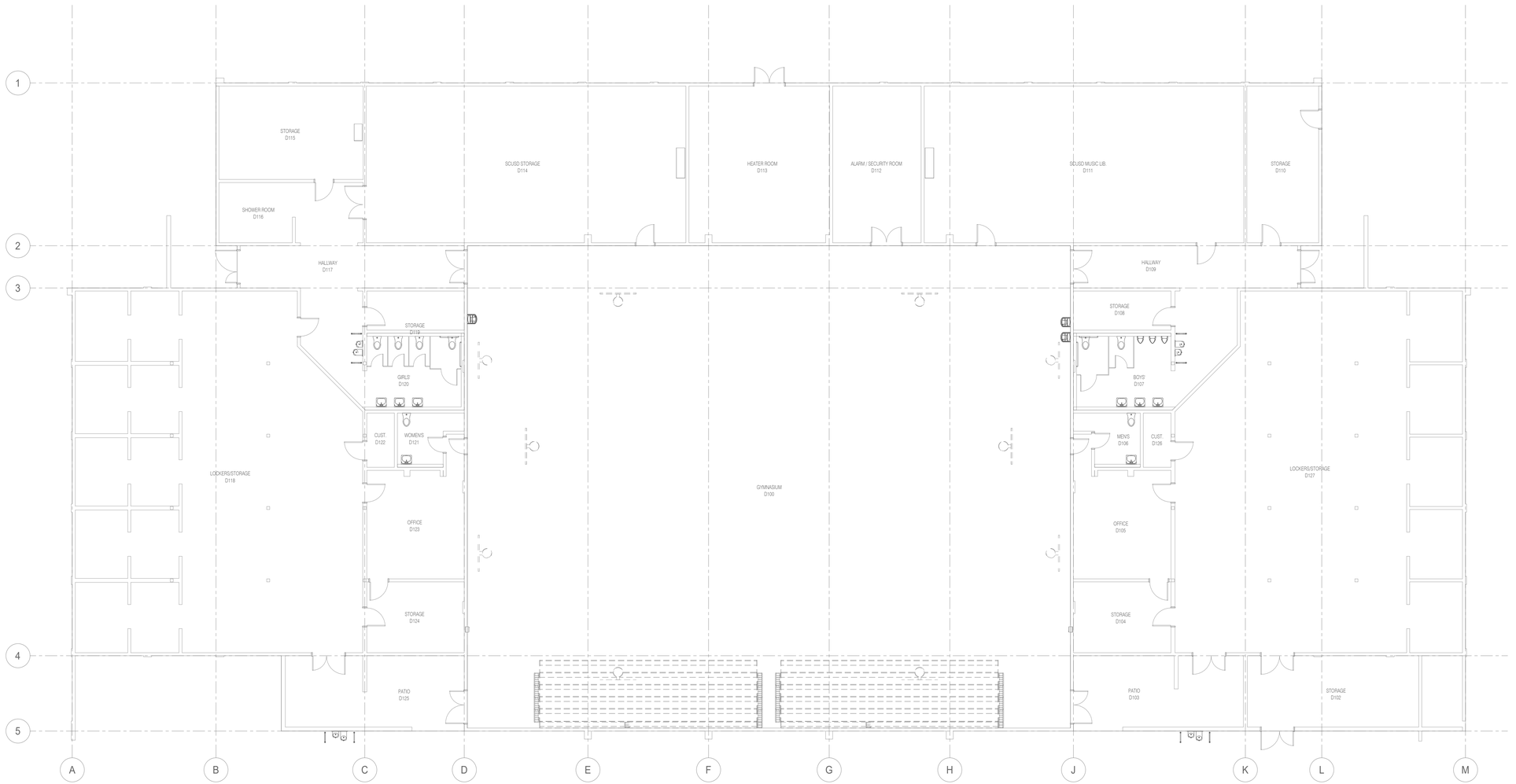
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## 1 DEMOLITION FLOOR - SYSTEMS

1/8" = 1'-0"

NORTH

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## NOTES

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SHEET NAME:

**DEMOLITION FLOOR - SYSTEMS**

**PROGRESS**

DATE: **04/22/26**

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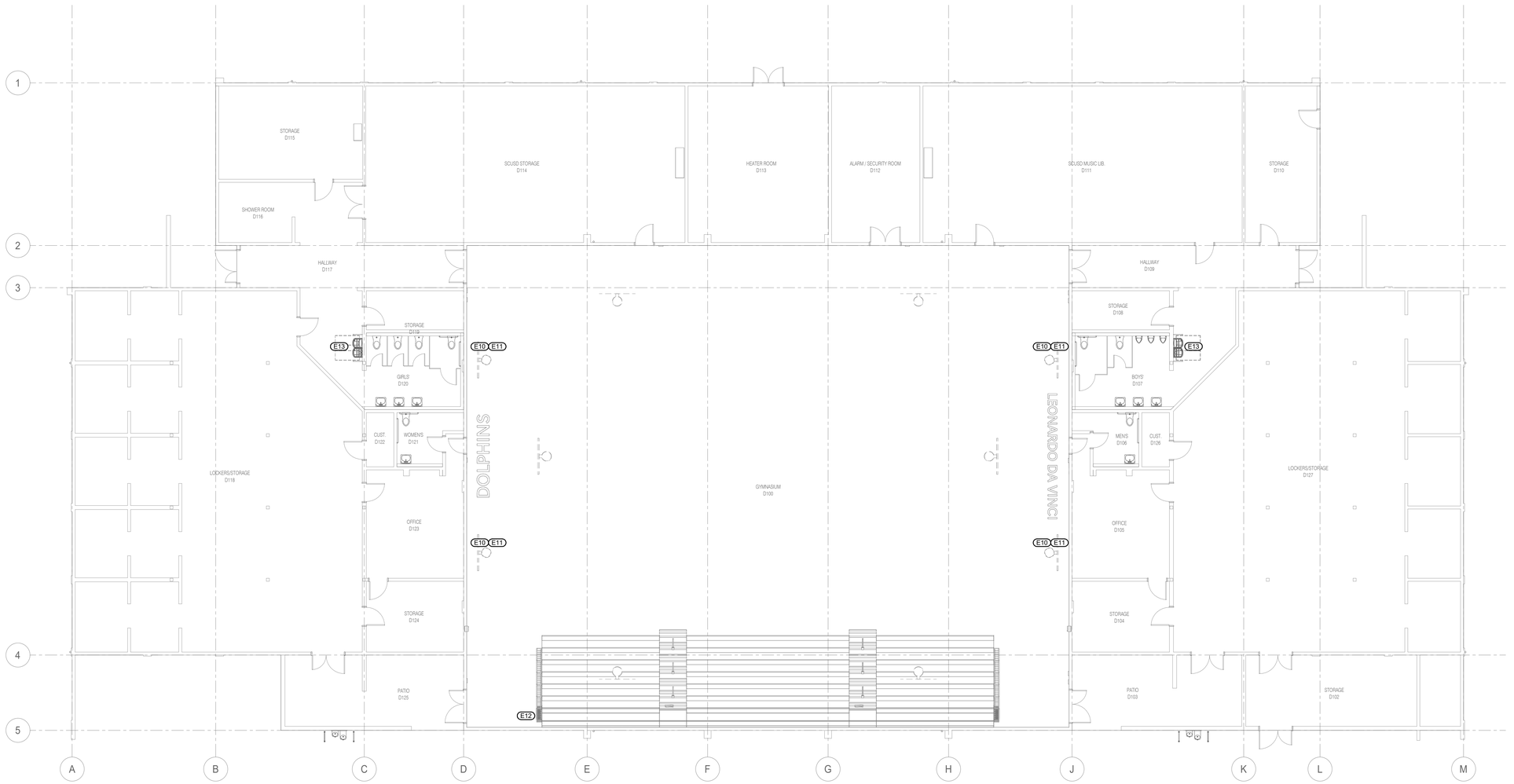
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NORTH

## 1 FLOOR PLAN - POWER

1/8" = 1'-0"

## KEYNOTES

E10 EC TO PROVIDE BACKSTOP RAISE/LOWER HOIST MOTOR POWER CONNECTION PER MANUFACTURER'S FINAL SUBMITTAL. BASIS OF DESIGN LOAD: 1HP, 120V 1Ø. EC TO PROVIDE 1#10 CU & 1#10 CU GROUND IN 1/2" CONDUIT WITH 30A BREAKER CONNECTION IN PANEL. DETERMINE EXACT LOCATION OF MOTOR WITH MANUFACTURER DESIGNS/RECOMMENDATIONS.

E11 EC TO PROVIDE GOAL HEIGHT ADJUSTMENT MOTOR POWER CONNECTION PER MANUFACTURER'S FINAL SUBMITTAL. BASIS OF DESIGN LOAD: 1/10HP, 120V 1Ø. EC TO PROVIDE 1#12 CU & 1#12 CU GROUND IN 1/2" CONDUIT WITH 15A BREAKER CONNECTION IN PANEL. DETERMINE EXACT LOCATION OF MOTOR WITH MANUFACTURER DESIGNS/RECOMMENDATIONS.

E12 EC TO PROVIDE BLEACHER POWER CONNECTION PER MANUFACTURER'S FINAL SUBMITTAL. BASIS OF DESIGN LOAD: 2 HP, 208V 3Ø. EC TO PROVIDE 4#12 CU & 1#12 CU GROUND IN 1/2" CONDUIT WITH 20A BREAKER CONNECTION IN PANEL. DETERMINE EXACT LOCATION OF MOTOR WITH MANUFACTURER DESIGNS/RECOMMENDATIONS.

E13 EC TO PROVIDE 120V CONNECTION FOR WATER FOUNTAIN FILTER. PROVIDE 120V CONNECTION THROUGH DEAD-FRONT GFCI PLACED IN AN ACCESSIBLE LOCATION. CONNECT CIRCUIT TO AN EXISTING, LOCAL RECEPTACLE CIRCUIT.

## NOTES

1. PRIOR TO PERMIT SUBMITTAL, CONTRACTOR SHALL VERIFY AVALABLE CAPACITY OF ALL EXISTING ELECTRICAL EQUIPMENT AFFECTED BY NEW OR ADDED LOADS BY PERFORMING LOAD ANALYSIS IN ACCORDANCE WITH CEC/NEC 220.87, DETERMINING EXISTING LOADS.
   A. SWITCHBOARDS: VERIFY EXISTING DEMAND LOAD USING A MINIMUM 12-MONTH UTILITY BILLING CYCLE AS PER CEC/NEC 220.87(1).
   B. PANELBOARD(S): VERIFY EXISTING DEMAND LOAD USING A MINIMUM 30-DAY CLAMP-ON METER LOAD STUDY WITH MAXIMUM DEMAND RECORDED AND CONTINUOUS LOADS AT 125% AS REQUIRED BY CEC/NEC 220.87(2).
   C. SUBMIT LOAD ANALYSIS RESULTS TO ENGINEER FOR REVIEW PRIOR TO INSTALLATION OF NEW LOADS.


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**4701 JOAQUIN WAY**
**SACRAMENTO, CA 95822**

PROJECT:

**SCUSD LEONARDO DE VINCI MS GYM MOD**

SHEET NAME:

**FLOOR PLAN - POWER**

PROGRESS

DATE: **04/22/26**

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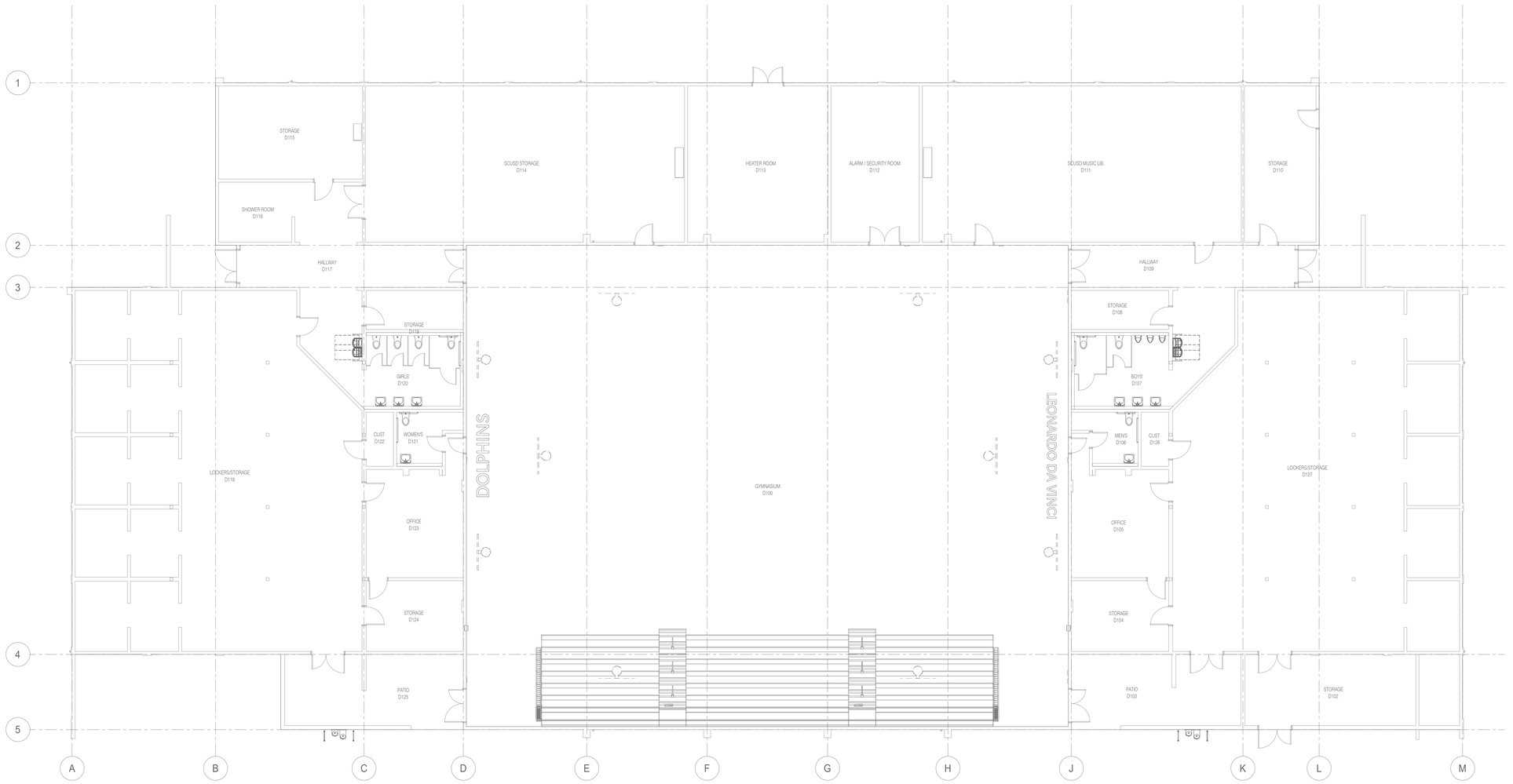
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NORTH 1 **FLOOR PLAN - SYSTEMS**
1/8" = 1'-0"

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## KEYNOTES

## NOTES

1. AV SYSTEM BASIS OF DESIGN SHALL BE PROVIDED IN ACCORDANCE WITH DISTRICT SPECIFICATIONS (27 41 00) AND SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING CORE SYSTEM:
   A. AUDIO DSP – ALLEN & HEATH AHM-64
   B. AMPLIFIER – POWERSOFT QUATTROCANALI 4804 DSP
   C. SPEAKERS – FULCRUM DX1295
   D. WIRELESS MICROPHONE RECEIVER – SHURE ULXD4D
   E. WIRELESS HANDHELD MICROPHONE – SHURE ULXD2/B87A
   F. ANTENNA – SHURE UA864US
   G. WALL TOUCH PANEL – EXTRON 10" TOUCH SCREEN
   H. DEDICATED AV RACK
   I. ASSISTED LISTENING DEVICE (CONFIRM WITH OWNER/ARCHITECT ON REQUIREMENTS)
2. PROVIDE COMPLETE SYSTEM INSTALLATION, POWER CONNECTIONS, LOW VOLTAGE CABLING, BACKBOXES, RACK MOUNTING, AND COORDINATION WITH OWNER-FURNISHED/CONTRACTOR-INSTALLED EQUIPMENT AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.


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SHEET:

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