ROSEMEAD SCHOOL DISTRICT
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE
AT
MUSCATEL MIDDLE SCHOOL

4201 IVAR AVE, ROSEMEAD CA 91770

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE 2019 CALIFORNIA BUILDING CODE, PART 1 AND 2, TITLE 24 C.C.R. AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND THOSE CODES AND STANDARDS LISTED IN THE NOTES AND SPECIFICATIONS.
2. DO NOT SCALE THE CONSTRUCTION DOCUMENTS. DIMENSIONS SHALL TAKE PRECEDENCE OVER GRAPHIC SCALES SHOWN ON THE DRAWINGS. TYPICAL DETAILS & GENERAL NOTES ARE MINIMUM REQUIREMENTS TO BE USED WHEN CONDITIONS ARE NOT SHOWN OTHERWISE. IF ADDITIONAL DIMENSIONS ARE REQUIRED, CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING. WORK WITHIN THE AREA OF DISCREPANCY OR CONFLICT SHALL NOT PROCEED UNTIL GIVEN SUCH NOTICE BY THE ARCHITECT TO RESUME CONSTRUCTION.
3. SPECIFIC NOTES & DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
4. WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.
5. THIS SHEET IS ONE OF A SET OF DOCUMENTS WHICH INCLUDES, BUT IS NOT LIMITED TO, DRAWINGS, SPECIFICATIONS & ADDENDA ADDRESSING ALL TRADES. FULLY COORDINATE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND/OR MECHANICAL DRAWINGS, DETAILS & SPECIFICATIONS TO ASCERTAIN THE FULL SCOPE OF THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FURNISH COMPLETE SET OF CONSTRUCTION DOCUMENTS TO ALL BIDDERS. ALL BIDDERS SHALL REVIEW THE FULL SET OF CONSTRUCTION DOCUMENTS PRIOR TO SUBMITTING BIDS FOR THE WORK. ANY INCONSISTENCIES OR CONFLICTING INFORMATION INCORPORATED INTO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATIONS AND/OR ADJUSTMENTS BEFORE COMMENCING WORK.
6. WHERE APPLICABLE, REFER TO THE PROJECT SPECIFICATION MANUAL FOR INFORMATION NOT COVERED BY THESE GENERAL NOTES OR THE DRAWINGS. INFORMATION GIVEN IN ONE PORTION OF THE CONTRACT DOCUMENTS SHALL BE CONSIDERED TO BE GIVEN IN ALL CONTRACT DOCUMENTS.
7. THE DRAWINGS & SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE(S) OR MODIFICATION TO AN EXISTING STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.

   GENERAL:
   CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR

   ADDENDA:
   CHANGES OR ALTERATIONS OF THE APPROVED PLANS OR SPECIFICATIONS PRIOR TO LETTING A CONSTRUCTION CONTRACT FOR THE WORK INVOLVED SHALL BE MADE BY MEANS OF ADDENDA WHICH SHALL BE SUBMITTED TO & APPROVED BY DSA PRIOR TO DISTRIBUTION TO CONTRACTORS. ORIGINAL COPIES OF ADDENDA SHALL BE STAMPED & SIGNED BY THE ARCHITECT OR ENGINEER IN GENERAL RESPONSIBLE CHARGE OF PREPARATION OF THE PLANS & SPECIFICATIONS & BY THE ARCHITECT OR REGISTERED ENGINEER DELEGATED RESPONSIBILITY FOR THE PORTION AFFECTED BY THE ADDENDA. [SEE SECTION 4-317(h).] ONE COPY OF EACH ADDENDUM IS REQUIRED FOR THE FILES OF DSA.

   CONTRACT CHANGE DOCUMENT (CCD):
   CHANGES OR ALTERATIONS OF THE APPROVED PLANS OR SPECIFICATIONS AFTER A CONTRACT FOR THE WORK HAS BEEN LET SHALL BE MADE ONLY BY MEANS OF CCD SUBMITTED TO & APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK SHOWN THEREON. CCDS SHALL STATE THE REASON OF THE CHANGE & THE SCOPE OF WORK TO BE ACCOMPLISHED, &, WHERE NECESSARY, SHALL BE ACCOMPANIED BY SUPPLEMENTARY DRAWINGS REFERENCED IN THE TEXT OF THE CCD. ALL CCDS & SUPPLEMENTARY DRAWINGS SHALL BE STAMPED & SIGNED BY THE ARCHITECT OR ENGINEER IN GENERAL RESPONSIBLE CHARGE OF OBSERVATION OF THE WORK OF CONSTRUCTION OF THE PROJECT & BY THE ARCHITECT OR REGISTERED ENGINEER DELEGATED RESPONSIBILITY FOR OBSERVATION OF THE PORTION OF THE WORK OF CONSTRUCTION AFFECTED BY THE CCD, SHALL BEAR THE APPROVAL OF THE DISTRICT & SHALL INDICATE THE ASSOCIATED CHANGE IN THE PROJECT COST, IF ANY. ONE COPY OF EACH CCD IS REQUIRED FOR THE FILES OF DSA.

   VOIDANCE OF APPLICATION:
   ANY CHANGE, ERASURE, ALTERATION, OR MODIFICATION OF ANY PLANS OR SPECIFICATIONS BEARING THE STAMP OF DSA MAY RESULT IN VOIDANCE OF THE APPROVAL OF THE APPLICATION. HOWEVER, THE WRITTEN APPROVAL OF PLANS MAY BE EXTENDED BY DSA TO INLCUDE REVISED PLANS & SPECIFICATIONS AFTER DOCUMENTS ARE SUBMITTED FOR REVIEW & APPROVED. (SEE SECTION 4-323 FOR REVISED PLANS & SECTION 4-338 FOR ADDENDA & CHANGE ORDERS.)

   PERFORMANCE OF THE WORK:
   THE CONTRACTOR SHALL CAREFULLY STUDY THE APPROVED PLANS & SPECIFICATIONS & SHALL PLAN A SCHEDULE OF OPERATIONS WELL AHEAD OF TIME. IF AT ANY TIME IT IS DISCOVERED THAT WORK IS BEING DONE WHICH IS NOT IN ACCORDANCE WITH THE APPROVED PLANS & SPECIFICATIONS, THE CONTRACTOR SHALL CORRECT THE WORK IMMEDIATELY. ALL INCONSISTENCIES OR ITEMS WHICH APPEAR IN ERROR IN THE PLANS & SPECIFICATIONS SHALL BE PROMPTLY CALLED TO THE ATTENTION OF THE ARCHITECT OR REGISTERED ENGINEER, THROUGH THE INSPECTOR, FOR INTERPRETATION OR CORRECTION. IN NO CASE, HOWEVER, SHALL THE INSTRUCTION OF THE ARCHITECT OR REGISTERED ENGINEER BE CONSTRUED TO CAUSE WORK TO BE DONE WHICH IS NOT IN CONFORMITY WITH THE APPROVED PLANS, SPECIFICATIONS, AND CHANGE ORDERS. THE CONTRACTOR MUST NOTIFY THE PROJECT INSPECTOR, IN ADVANCE, OF THE COMMENCEMENT OF CONSTRUCTION OF EACH AND EVERY ASPECT OF THE WORK. SUBSTITUTIONS SHALL BE CONSIDERED AS A CHANGE ORDER.
8. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS & SITE CONDITIONS BEFORE STARTING WORK. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE REVIEW & CLARIFICATION OF THE ARCHITECT UNLESS NOTED AS (+/-) PLUS/MINUS OR (FIELD) VERIFY. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY BEFORE PROCEEDING WITH WORK.
9. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS REPRESENTING THE BEST INFORMATION CURRENTLY AVAILABLE, BUT WITHOUT GUARANTEE OF ACCURACY. THE CONTRACTOR & SUBCONTRACTOR SHALL CAREFULLY EXAMINE THE SITE, COMPARE THE CONSTRUCTION DOCUMENTS WITH THE EXISTING CONDITIONS, BE RESPONSIBLE FOR ACCURACY OF ALL DIMENSIONS & THOROUGHLY FAMILIARIZE HIMSELF/HERSELF WITH THE SCOPE OF WORK. BY THE ACT OF SUBMITTING A BID THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH AN EXAMINATION, HAVE ACCEPTED THE CONDITIONS & HAVE INCLUDED ALL RELATED SITE/BUILDING(S) CONDITION COST IN HIS/HER BID.
10. NO PART OF THESE CONTRACT DOCUMENTS SHALL BE CONSIDERED AS REQUIRING OR PERMITTING ANY WORK CONTRARY TO THE REQUIREMENTS OF ANY CODE REGULATION OR ORDINANCE WHICH HAS JURISDICTION OVER THE WORK.
11. ALL SYMBOLS & ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS ABBREVIATION OR SYMBOLS. IF THE CONTRACTOR HAS A QUESTION REGARDING THE SAME OR THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
12. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE(S) DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACES, SHORES & GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURE & COMPONENTS, ADJACENT SOILS OR STRUCTURES, UTILITIES & RIGHT-OF-WAYS MAY BE SUBJECTED DURING CONSTRUCTION.
13. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, THE CONTRACTOR SHALL ASSUME SOLE & COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS & PROPERTY ACCORDING TO THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) & CALIFORNIA OCCUPATIONAL REGULATIONS. THIS STIPULATION SHALL BE CONSIDERED TO BE CONTINUOUS & NOT LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL INDEMNIFY & HOLD DESIGN PROFESSIONALS, INSPECTORS, ET AL., HARMLESS FROM ANY & ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN.
14. THE DESIGN TEAM SHALL NOT HAVE CONTROL OR CHARGE OF & SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS & PROGRAMS IN CONNECTION WITH THE WORK, THE ACTS OR OMISSIONS OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES AND STANDARDS.
15. CONTRACTOR SHALL PROVIDE CONSTRUCTION BARRICADES OR PROTECTIVE DEVICES OF SUFFICIENT HEIGHT & MAGNITUDE AS TO PREVENT ANY PERSONS OF ANY AGE FROM ACCIDENTALLY ENTERING THE WORK AREA. PROVIDE TEMPORARY PASSAGEWAYS AS REQUIRED. YELLOW TAPE BARRICADES SHALL NOT BE ALLOWED AT THESE SITES.
16. DELIVERY OF MATERIALS TO THE CONSTRUCTION ZONE & REMOVAL OF WASTE FROM THE SITE SHALL BE COORDINATED WITH THE DISTRICT FOR AN ACCEPTABLE ACCESS ROUTE & SCHEDULE. USE OF THE AREA OUTSIDE THE CONSTRUCTION ZONE SHALL NOT BE ALLOWED UNDER ANY CIRCUMSTANCES WITHOUT CLEARANCE FROM THE SCHOOL DISTRICT OR THE OWNER'S AUTHORIZED REPRESENTATIVE.
17. CONTRACTOR SHALL INVESTIGATE THE SITE DURING CLEARING & EARTHWORK OPERATIONS, AS MAY BE REQUIRED BY THE SCOPE OF THE WORK, FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SYSTEMS, UTILITIES OR FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
18. IN DEMOLITION OF EXISTING BUILDINGS, WORK SHALL NOT BE PERFORMED IN AREA CONTAMINATED BY MATERIALS MADE OF ASBESTOS &/OR LEAD UNTIL THE ASBESTOS AND/OR LEAD MATERIALS HAVE BEEN REMOVED OR ENCAPSULATED BY THE CONTRACTOR. IF ASBESTOS OR LEAD IS ENCOUNTERED, NOTIFICATION SHALL BE GIVEN PER SPECIFICATIONS.
19. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE SHOP DRAWINGS, PRODUCT LITERATURE, PRODUCT SAMPLES, ETC. ARE SUBMITTED TO THE ARCHITECT IN A TIMELY MANNER SO AS NOT TO IMPACT THE CONSTRUCTION SCHEDULE.
20. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO PREVENT MOLECULAR BREAKDOWN.
21. CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS BEFORE PERFORMING THE WORK SHOWN ON THE CONSULTING ENGINEER'S DRAWINGS. DISCREPANCIES BETWEEN THE ARCHITECTURAL & CONSULTING ENGINEER'S DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION & DIRECTION. CONSTRUCTION INSTALLED IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO THE DISTRICT.
22. INSTALL ALL EQUIPMENT COMPLETELY AS REQUIRED AND/OR AS RECOMMENDED BY THE MANUFACTURER, INCLUDING ALL NECESSARY UTILITY CONNECTIONS, TO MAKE THE EQUIPMENT FULLY OPERATIONAL.
23. TRADE NAMES & MANUFACTURERS REFERRED TO ARE FOR QUALITY STANDARDS ONLY. SUBSTITUTION WILL BE PERMITTED AS APPROVED BY THE SCHOOL DISTRICT OR ARCHITECT OF RECORD. CONTRACTOR SHALL STIPULATE THAT ALL PROPOSED SUBSTITUTIONS ARE EQUAL IN PERFORMANCE & COMPLY WITH THE APPLICABLE CODES & REGULATIONS. SUBSTITUTIONS OF ALTERNATE MATERIALS OR SYSTEMS SHALL BE AT NO ADDITIONAL COST TO THE DISTRICT.
24. ELECTRICAL GROUNDING SHALL BE PERFORMED IN THE PRESENCE OF THE DSA BUILDING INSPECTOR OF THE WORK.
25. ALL INSPECTION & TESTING SHALL CONFORM TO THE REQUIREMENTS OF PART 1 & 2, TITLE 24, C.C.R..
26. SHOP AND FIELD WELDING OPERATIONS SHALL BE PERFORMED BY A CERTIFIED WELDER. ALL WELDING SHALL SPECIALLY INSPECTED BY AN A WS-CWI QUALIFIED INSPECTOR APPROVED BT DSA/ORS.
27. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE COORDINATION OF THE VARIOUS TRADES PERFORMING THE WORK. CONTRACTOR SHALL SUBMIT FOR REVIEW A COMPLETE COORDINATION SCHEDULE ILLUSTRATING THE EXTENT & THE POSITION OF EACH SCOPE OF WORK TO AVOID CONFLICT & TO MAINTAIN REQUIRED SERVICE ACCESS & CODE REQUIRED CLEARANCES.
28. THE DISTRICT MUST PROVIDE FOR & REQUIRE COMPETENT, ADEQUATE. & CONTINUOUS INSPECTION BY AN INSPECTOR SATISFACTORY TO THE ARCHITECT OR REGISTERED ENGINEER IN GENERAL RESPONSIBLE CHARGE OF OBSERVATION OF THE WORK OF CONSTRUCTION, TO ANY ARCHITECT OR REGISTERED ENGINEER DELEGATED RESPONSIBILITY FOR A PORTION OF THE WORK, & TO DSA. THE COST OF THE PROJECT INSPECTION SHALL BE PAID FOR BY THE DISTRICT. AN INSPECTOR SHALL NOT HAVE ANY CURRENT EMPLOYMENT WITH ANY ENTITY THAT IS A CONTRACTING PARTY FOR THE CONSTRUCTION. AN APPROVED PROJECT INSPECTOR MAY BE REMOVED & REPLACED IF THE WORK PERFORMED IS NOT IN CONFORMANCE WITH ACCEPTED INSPECTION STANDARDS AS DETERMINED BY THE DISTRICT THE PROJECT ARCHITECT & ENGINEER WITH CONCURRENCE OF DSA. THE INSPECTOR SHALL HAVE PERSONAL KNOWLEDGE AS DEFINED IN SECTIONS 17309 & 81141 OF THE EDUCATION CODE OF ALL WORK DONE ON THE PROJECT OR ITS PARTS AS DEFINED IN SECTION 4-316 OF TITLE 24. NO WORK SHALL BE CARRIED ON EXCEPT UNDER THE INSPECTION OF A PROJECT INSPECTOR APPROVED BY DSA.THE EMPLOYMENT OF SPECIAL OR ASSISTANT INSPECTORS SHALL NOT BE CONSTRUED AS RELIEVING THE PROJECT INSPECTOR OF HIS/HER DUTIES & RESPONSIBILITIES UNDER SECTION 17309 & 81141 OF THE EDUCATION CODE AND SECTIONS 4-336 & 4342 OF TITLE24. A PROJECT INSPECTOR SHALL, UNDER THE DIRECTION OF THE ARCHITECTAND/OR ENGINEER, BE RESPONSIBLE FOR MONITORING THE WORK OF THE SPECIAL INSPECTORS AND TESTING LABORATORIES TO ENSURE THAT THE TESTING PROGRAM IS SATISFACTORILY COMPLETED. THE PROJECT INSPECTOR AND ANY ASSISTANT INSPECTOR MUST BE APPROVED BY DSA.
29. THE INTENT OF THE DRAWINGS & SPECIFICATIONS IS TO MODIFY THE FACILITY FOR ACCESSIBILITY IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONSTRUCTION DOCUMENTS SUCH THAT THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CCD DETAILING & SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO & APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK-SECTION 4-417, PART 1, TITLE 24, CCR.
30. 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 CONTRACT DOCUMENTS WHEREIN FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A 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.
31. CUTTING, BORING SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS IS NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED & APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER & THE DSA FIELD ENGINEER IF DETAILS DO NOT SHOW OR CONFORM TO THE APPROVED DRAWINGS.
32. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT SHALL CONDUCT ALL THE REQUIRED TESTS & INSPECTION FOR THE PROJECT.
33. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 424, CCR).
34. A "DSA CERTIFIED" INSPECTOR WITH CLASS 2 CERTIFICATION IS REQUIRED FOR THIS PROJECT.
35. 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 THE ENERGY CODE.

    LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

    ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.

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

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

    PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.
36. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
37. THE SCOPE OF WORK - CLEARLY INDICATE THE SCOPE OF WORK ON THE COVER SHEET OR GENERAL NOTE SHEET OF THE DRAWINGS.
38. 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.
39. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGED DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR. •A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. - INSPECTOR CLASS = ?
40. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
41. 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 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)
42. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
43. WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
44. TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION.
45. SUBMIT RFI'S TO DESIGN TEAM IN CASE OF INCONSISTENCIES BETWEEN APPROVED DRAWINGS AND APPROVED SPECIFICATIONS IN THE DESCRIPTIONS OF WORK TO BE DONE, EQUIPMENT TO BE PROVIDED OR MATERIAL TO BE USED. IT SHALL BE THAT THE MORE STRINGENT, THE MORE RESTRICTIVE, THE HIGHER QUALITY, AND THE GREATER QUANTITY OF WORK SHALL APPLY. SUBMIT REVISED DRAWINGS OR SPECIFICATIONS AS RESULT OF SUCH RFI'S TO DSA VIA CCD'S IF REQUIRED BY IR A-6.
46. ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.

GENERAL SYMBOLS

- 1 / A2.1 — DETAIL NUMBER; SHEET NUMBER
- 1 / A2.1 — WALL OR BUILDING SECTION NUMBER; SHEET NUMBER
- 1A / A5.1 — EXTERIOR ELEVATION; SHEET NUMBER DETAIL NUMBER
- 1A, 1B, 1C, 1D / 1 / A5.2 — INTERIOR ELEVATION; SHEET NUMBER
- 1 — DOOR NUMBER
- A — WINDOW TYPE
- 3 — NEW CONSTRUCTION KEYNOTE
- 2 — DEMOLITION KEYNOTE
- 3 — REVISION NUMBER
- INTERNATIONAL ACCESSIBILITY SYMBOL (I.S.A.)
- 14 ROOM NAME — ROOM IDENTIFICATION TAG
- C — COLUMN GRID REFERENCE
- LEVEL CHANGE
- LATH AND PLASTER
- GYPSUM BOARD; MOISTURE RESISTANT GYPSUM BOARD
- PLYWOOD
- INSULATION BATT; LOOSE FILL
- CONCRETE
- CENTERLINE
- PROPERTY LINE/ BOUNDARY LINE
- WORK ABOVE, BELOW, OR BEYOND; (E) WORK TO BE REMOVED; FUTURE WORK AS NOTED ON DWGS.
- TO BREAK CONTINUITY
- FINISH GRADE LINE, ELEVATION EARTH DIMENSION LINES
- CONTOUR LINE ON PLAN, SECTIONS OR ELEVATIONS
- MATCH LINE — MATCH LINE
- DIMENSION LINE
- 000.00' — SURFACE ELEVATION

SHEET INDEX

Total Sheets = 22

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2019

PART 1 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R.

PART 2 2022 CALIFORNIA BUILDING CODE, TITLE 24 C.C.R. (2009 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, WITH CALIFORNIA AMENDMENTS)

PART 3 2022 CALIFORNIA ELECTRICAL CODE, TITLE 24 C.C.R. (2008 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA)

PART 4 2022 CALIFORNIA MECHANICAL CODE, TITLE 24 C.C.R. (2009 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING & MECHANICAL OFFICIALS, IAPMO)

PART 5 2022 CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 C.C.R. (2009 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING & MECHANICAL OFFICIALS, IAPMO)

PART 6 2022 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R.

PART 9 2022 CALIFORNIA FIRE CODE, TITLE 24 C.C.R. (2009 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL)

PART 12 2022 CALIFORNIA REFERENCED STANDARDS, TITLE 24 C.C.R.

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

CODE ANALYSIS

TYPE OF CONSTRUCTION : TYPE V-B (NON SPRINKLERED)
OCCUPANCY : A-2

ALLOWABLE AREA : 6,000 SF
ACTUAL AREA : 1,200 SF OK

OCCUPANT LOAD: 1,200 SF / 15 OLF = 80 OCCUPANTS

FLOOD MAP

DIRECTORY

ARCHITECT:

NAC | ARCHITECTURE
837 NORTH SPRING ST. THIRD FLOOR
LOS ANGELES, CA. 90012-2323
TEL: 323.475.8075
FAX: 323.859.3110
CONTACT: GARY CHRISTOFI
EMAIL: gchristofi@nacarchitecture.com

CIVIL ENGINEER:

BRANDOW AND JOHNSON
700 S FLOWER ST #1200
LOS ANGELES, CA. 90017
TEL: 213-596-4500
CONTACT: EDGAR S. MELO
EMAIL: ed.melo@bjsce.com

SCOPE OF WORK

CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE, RELATED PATH OF TRAVEL SITE WORK, NEW DRINKING FOUNTAIN, RESTROOM FIXTURE REMOVAL, AND RELATED ADA SIGNAGE.

VICINITY MAP MUSCATEL M.S. SITE

N
PROJECT SITE:
MUSCATEL MIDDLE SCHOOL

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS (APPLICATION NO. A# 03-122718 FILE NO. 19-91)

(**APPLICATION NO.** 03-122993 **FILE NO.** 19-91)

☒ THE DRAWINGS OR SHEETS LISTED ON THE COVER
☐ 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])

I FIND THAT: ☒ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
☐ THIS DRAWING OR PAGE

☒ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND	☐ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND
☒ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.	☐ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.
SIGNATURE [signed] — DATE 01/24/2023	SIGNATURE — DATE
ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE	ARCHITECT OR ENGINEER DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK
HELENA JUBANY — PRINT NAME	PRINT NAME
C-22214 — LICENSE NUMBER; 05/31/2023 — EXPIRATION DATE	LICENSE NUMBER — EXPIRATION DATE

SITE DESIGN DATA

REPORT SUMMARY

Site Information

Address:	4201 Ivar Ave, Rosemead, California, 91770
Elevation:	331 ft (NAVD 88)
Lat:	34.082626
Long:	-118.07557
Standard:	ASCE/SEI 7-22
Risk Category:	II
Soil Class:	D - Stiff Soil

Wind

	Wind Speed	95 Vmph
	10-year MRI	66 Vmph
	25-year MRI	72 Vmph
	50-year MRI	76 Vmph
	100-year MRI	81 Vmph
	300-year MRI	89 Vmph
	700-year MRI	95 Vmph
	1,700-year MRI	101 Vmph
	3,000-year MRI	106 Vmph
DESIGN VALUE	10,000-year MRI	115 Vmph
	100,000-year MRI	132 Vmph
	1,000,000-year MRI	150 Vmph

Seismic Data

	GEOTECH REPORT	PC VALUES
S_S	1.972g	3.00g
S_1	0.713g	1.389g
S_{MS}	1.972g	3.00g
S_{M1}	1.212g	2.085
S_{DS}	1.315g	2.000g
S_{D1}	0.808g	1.390g
T_L	8	8
PGA_M	0.939g	.83 per ASCE
V_{S30}	(260)	260

LICENSED ARCHITECT
HELENA L. JUBANY
22214
REN. 5-31-23
STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
4201 IVAR AVENUE
ROSEMEAD CA 91770

JUBANY NAC | ARCHITECTURE
837 N. SPRING ST. | LOS ANGELES CA 90012-2323 | P: 323.475.8075 | F: 323.859.3110
WWW.NACARCHITECTURE.COM

NAC NO	161-22133
FILE	DSA SUBMITTAL
DRAWN	-
CHECKED	-
DATE	01-18-2023

TITLE SHEET, INDEX TO DRAWINGS AND NOTES

G0.1

FIRE ACCESS PLAN - GENERAL NOTES

CFC 3310.1 REQUIRED ACCESS:
APPROVED VEHICLE ACCESS FOR FIRE FIGHTING SHALL BE PROVIDED TO ALL CONSTRUCTION OR DEMOLITION SITES. VEHICLE ACCESS SHALL BE PROVIDED WITHIN 150 FEET OF TEMPORARY OR PERMANENT FIRE DEPARTMENT CONNECTIONS. VEHICLE ACCESS SHALL BE PROVIDED BY EITHER TEMPORARY OR PERMANENT ROADS, CAPABLE OF SUPPORTING VEHICLE LOADING UNDER ALL WEATHER CONDITIONS. VEHICLE ACCESS SHALL BE MAINTAINED UNTIL PERMANENT FIRE APPARATUS ACCESS ROADS ARE AVAILABLE.

3310.2 KNOX BOXES:
KNOX BOXES SHALL BE PROVIDED AS REQUIRED BY CHAPTER 5.

FIRE DEPARTMENT ACCESS DURING CONSTRUCTION

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS FOR FIRE TRUCKS TO WITHIN 150' OF THE PERIMETER OF THE NEW TENT STRUCTURE. DURING CONSTRUCTION. ACCESS SHALL BE PROVIDED STARTING NO LATER THAN THE COMPLETION OF EXCAVATION AND FOUNDATIONS, BUT PRIOR TO STOCKPILING COMBUSTIBLE MATERIAL ON SITE, AND SHALL BE MAINTAINED CONTINUOUSLY THROUGHOUT THE REMAINING DURATION OF CONSTRUCTION. FIRE TRUCK ACCESS SHALL BE VIA COMPACTED EARTH DRIVEWAYS MINIMUM TWENTY FEET WIDE WITH MINIMUM INSIDE TURING RADII OF TWENTY FEET. THESE DRIVEWAYS SHALL BE MAINTAINED IN GOOD CONDITION BY THE CONTRACTOR DURING CONSTRUCTION AND SHALL REMAIN CLEAR AND UNOBSTRUCTED AT ALL TIME.

BUILDING CODE ANALYSIS

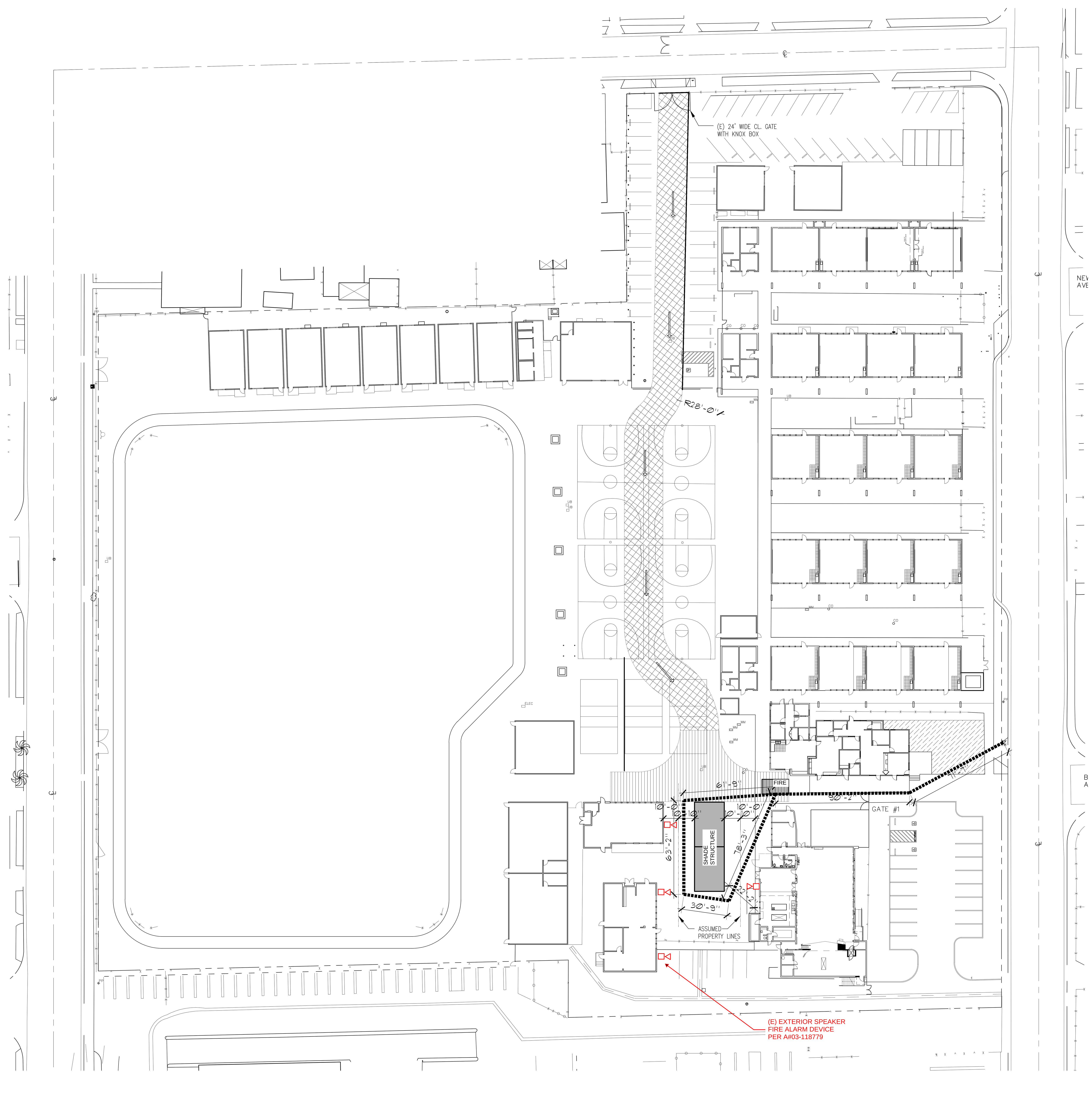
CONSTRUCTION OF A NEW 20' X 60' SHADE STRUCTURE CODE ANALYSIS:

TYPE OF CONSTRUCTION: TYPE V-B
ALLOWABLE AREA = 9,500 SF
PROPOSED AREA = 1,200 SF < 9,500 SF, OK

HYDRANT FLOW REQUIREMENT FOR THE NEW SHADE STRUCTURE PER CFC, APPENDIX BB, TABLE BB 105.1 = 1,500 GPM AT 20 PSI FOR A DURATION OF 2 HOURS.
2,144 GPM AT 20 PSI. HYDRANT FLOW PROVIDED AT (E) FH1
(SEE ATTACHED FIRE FLOW)

FIRE DEPARTMENT NOTES

1. PROVIDE A MINIMUM UNOBSTRUCTED WIDTH OF 26 FEET AND A MINIMUM UNOBSTRUCTED VERTICAL CLEARANCE OF 13 FEET 6 INCHES. VEHICULAR ACCESS TO WITHIN MINIMUM 150 FEET OF ALL PORTION OF EXTERIOR WALLS. FIRE CODE 902.2.1.
2. THE REQUIRED FIRE FLOW FOR PUBLIC FIRE HYDRANTS AT THIS LOCATION IS 1,500 GALLONS PER MINUTE AT 20 PSI FOR THE DURATION OF 2 HOURS, OVER AN ABOVE MAXINUM DAILY DOMESTIC DEMAND.
3. THE REQUIRED FIRE FLOW FOR ON-SITE HYDRANTS IS 1,500 GALLONS PER MINUTE AT 20 PSI. EACH ON-SITE HYDRANTS MUST BE CAPABLE OF FLOWING 1,500 GALLONS PER MINUTE AT 20 PSI WITH ANY TWO HYDRANTS FLOWING SIMULTANEOUSLY.
4. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION. SEE NOTE ON THIS SHEET REGARDING FIRE DEPT. ACCESS DURING CONSTRUCTION.
5. COMMERCIAL DUMPSTERS OR CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTERS ARE PROTECTED BY AN APPROVED SPRINKLER SYSTEM. FIRE CODE 1103.2.2.



1 MUSCATEL MS - SITE PLAN
SCALE: 1/32"=1'-0"

COUNTY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION DIVISION

FORM 196
Rev. 09/20

Fire Prevention Engineering
5823 Rickenbacker Road
Los Angeles, CA 90040
Telephone (323) 890-4125 Fax (323) 890-4129

Information on Fire Flow Availability for Building Permit

For All Buildings Other Than One and Two Family Dwellings (R-3), Townhomes, and Accessory Dwelling Unit's

INSTRUCTIONS:

Complete parts I & II:

Verifying fire flow, fire hydrant location and fire hydrant size.

PROJECT INFORMATION
(To be completed by applicant)

PART I

Building Address: 4201 Ivar Ave., Rosemead, CA 91770
City or Area: Rosemead APN: 5391-009-905
Nearest Cross Street: Newby Avenue
Distance of Nearest Cross Street to Property Line: 60'-0"
Applicant: Rosemead School District Telephone: ( ) (626) 312-2900
Address: 3907 Rosemead Blvd.
City: Rosemead
Occupancy (Use of Building): E-1 Fire Sprinklered: Yes ☐ No ☒
Type of Construction: TYPE V-B
Square Footage: 1,200 Number of Stories: 1

Maria C Rios — Applicant's Signature
11.8.22 — Date

mrios@rosemead.k12.ca.us

PART II — **INFORMATION ON FIRE FLOW AVAILABILITY**
(Part II to be completed by Water Purveyor)

Location of hydrant: West side of Ivar Ave +/- 35 feet North of Newby Ave Hydrant Number 1123
Distance from Nearest Property Line +/- 10 feet Size of Hydrant 6 inch Size of Water main 6 inch
Static PSI 79 Residual PSI 63 Orifice size 2 1/2 " Pitot 40
Fire Flow at 20 PSI 2,144 Duration 2 Hrs ☐ Flow Test Date / Time ____ ☒ Hydraulic model

Location of hydrant ____
Hydrant Number ____
Distance from Nearest Property Line ____ Size of Hydrant ____ Size of Water main ____
Static PSI ____ Residual PSI ____ Orifice size ____ Pitot ____
Fire Flow at 20 PSI ____ Duration ____ ☐ Flow Test Date / Time ____ ☐ Hydraulic model
☐ (Check box if Simultaneous/ Dual flow test was performed) Combined flow at 20 psi ____

Location of hydrant ____
Hydrant Number ____
Distance from Nearest Property Line ____ Size of Hydrant ____ Size of Water main ____
Static PSI ____ Residual PSI ____ Orifice size ____ Pitot ____
Fire Flow at 20 PSI ____ Duration ____ ☐ Flow Test Date / Time ____ ☐ Hydraulic model
☐ (Check box if Simultaneous/ Triple flow test was performed) Combined flow at 20 psi ____

California American Water — Water Purveyor
(626)614-2534 — Phone Number; 11/29/2022 — Date
Signature
Distribution Foreman — Title

This Information is Considered Valid for Twenty Four Months

Fire Department approval of building plans shall be required prior to the issuance of a Building Permit by the jurisdictional Building Department. Any deficiencies in water systems will need to be resolved by the Fire Prevention Division only prior to this department's approval of building plans.

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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

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

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

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

PROJECT INFORMATION	
School District/Owner:	Rosemead School District
Project Name/School:	MUSCATEL Middle School
Project Address:	3907 ROSEMEAD BOULEVARD ROSEMEAD, CA 91770

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

DGS DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — Page 1 of 4 STATE OF CALIFORNIA

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

(ALTERNATE ACCEPTED: Yes / No / N/A / N/R)

School District Acceptance of Acceptable Design Alternates

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

Accepted by: ____ Title: ____
Signature: ____ Date: ____

LOCAL FIRE AUTHORITY (LFA) INFORMATION			
LFA Agency Name:	COUNTY OF LOS ANGELES FIRE DEPARTMENT		
LFA Review Official:	MICHAEL BRAVO		
Title:	FIRE PREVENTION ENG. ASSIST. II	Work Phone:	
Work Email:	michael.bravo@fire.lacounty.gov		

LFA Reviewer's Signature: ____ Date: ____

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION ENGINEERING
APPROVED
By M. Bravo
Fire Prevention Engineer
Date 12/15/2022
FEPC 2022-3761

DGS DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — Page 2 of 4 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

DSA # 03-122690
FILE NO: 19-91

LICENSED ARCHITECT HELENA L. JUBANY 22214 REN. 5-31-23 STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
MUSCATEL MIDDLE SCHOOL
NEW 20' X 60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
3907 ROSEMEAD BOULEVARD
ROSEMEAD, CA 91770

JUBANY NAC | ARCHITECTURE
837 N. SPRING ST. | LOS ANGELES CA 90012-2323 | P: 323.475.8075 | F: 323.859.3110
WWW.NACARCHITECTURE.COM

NOTE:
THE PATH OF TRAVEL TO DISPERSAL AREA TO BE ILLUMINATED TO A LEVEL NOT LESS THAN 1 FT (11 LUX) AT THE WALKING SURFACE

LEGEND

- FH — EXISTING FIRE HYDRANT 6" FLOW = 2,144 GPM @ 20 PSI
- (E) FIRE APPARATUS ACCESS ROAD
- 60' / 60' / 20' / 28'R TYP / 26' — FIRE APPARATUS ACCESS ROAD TURN AROUND - 120' HAMMER HEAD
- FIRE — FIRE APPARATUS
- GATE #1 — (E) GATE #1 11'-5"W X 7'-0"H W/ LEVER HARDWARE

FIRE ACCESS PLAN
SCALE: 1/32"= 1' - 0"

NAC NO	161-22133
FILE	-
DRAWN	HH
CHECKED	GC
DATE	11-30-2022

DSA SUBMITTAL
G0.2

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION AND SUPPLEMENTS), THE UNIFORM BUILDING CODE (FOR EXCAVATION AND GRADING), CALIFORNIA BUILDING CODE (CBC) AND DISTRICT STANDARD PLANS.
2. ALL GEOTECHNICAL RECOMMENDATIONS IMPOSED BY THE CONSULTANT OR CONTAINED IN THE CONSULTANT GEOTECHNICAL REPORT ARE TO BE COMPLIED WITH AND ARE HEREBY MADE AN INTEGRAL PART OF THE GRADING SPECIFICATIONS AND NOTES.

   GEOTECHNICAL REPORT DATED: 09/19/2022
   REPORT NUMBER: 7077.22
   PREPARED BY: ASSOCIATED SOILS ENGINEERING, INC.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR, REPLACEMENT, AND MAINTENANCE OF EROSION CONTROL PLAN.
4. PRIOR TO POURING OF CONCRETE, THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE FOOTING EXCAVATIONS AND LEAVE A CERTIFICATE ON THE SITE FOR THE PROJECT INSPECTOR AND THE CONTRACTOR. NO CONCRETE SHALL BE POURED UNTIL THE PROJECT INSPECTOR HAS ALSO INSPECTED AND APPROVED THE FOOTING EXCAVATIONS.
5. IF AT ANY TIME DURING THE GRADING AND EXCAVATION OPERATIONS, UNFAVORABLE SOILS CONDITIONS ARE ENCOUNTERED, THE WORK SHALL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
6. ALL GRADES AND CONTOURS INDICATED ON THE PLANS ARE TO FINISHED SURFACE, AND NOT ROUGH GRADES. CONTRACTOR SHALL SUBTRACT THE STRUCTURAL THICKNESS OF PAVEMENTS AND TOP-SOIL THICKNESS IN LANDSCAPED AREAS, TO OBTAIN DESIRED ROUGH GRADES.
7. NO FILL TO BE PLACED, UNTIL THE PROJECT INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM EXCAVATION.
8. ALL CONCENTRATED DRAINAGE MUST BE CONDUCTED TO THE STREET IN APPROVED NON-EROSIVE DEVICES OR TO EXISTING STORM DRAIN SYSTEM.
9. EXCAVATIONS SHALL BE MADE IN ACCORDANCE WITH THE REGULATIONS OF THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY. ALL EXCAVATIONS SHALL BE STABILIZED WITHIN 30 DAYS OF INITIAL EXCAVATION. ALL TEMPORARY EXCAVATIONS SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
10. MAN MADE FILL SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90% MAX. DRY DENSITY, UNLESS A LOWER RELATIVE COMPACTION (NO LESS THAN 90% OF MAX. DRY DENSITY) IS JUSTIFIED BY THE SOILS ENGINEER.
11. THIS PLAN IS FOR GRADING PURPOSES ONLY AND DOES NOT CONSTITUTE APPROVAL OF BUILDINGS.
12. ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
13. EXISTING TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM A SURVEY DATED OCTOBER 22, 2022 BY CAL VADA SURVEYING, INC.
14. CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR.
15. STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
16. DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
17. ALL DIMENSIONS ARE IN FEET OR DECIMALS THEREOF.
18. ALL CURB DIMENSIONS AND RADII ARE TO BOTTOM OF CURB FACE.
19. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800-422-4133) PRIOR TO ANY EXCAVATION.
20. CONTRACTOR TO BE AWARE OF ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
21. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF ANY PUBLIC UTILITY LINES (IF ENCOUNTERED DURING CONSTRUCTION) WITH THEIR RESPECTIVE OWNERS. SEPARATE PERMITS MAY BE REQUIRED.
22. THE CONTRACTOR SHALL REPLACE ALL EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER. MATCH EXISTING MATERIALS, SURFACE TREATMENT, AND COLORS. SAME SHALL APPLY TO PERMANENT UTILITY TRENCH RESURFACING.
23. STORM DRAINAGE SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERIM CONDITIONS OF CONSTRUCTION.
24. CUT AND FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL ONE VERTICAL.
25. ANY TEMPORARY STOCKPILING OF EXCESS MATERIAL ON SITE SHALL BE APPROVED BY THE PROJECT INSPECTOR AND THE OWNER'S AUTHORIZED REPRESENTATIVE, INCLUDING PROTECTION AND EROSION CONTROL, PRIOR TO EXCAVATION.
26. PROJECT INSPECTOR IS REQUIRED ON GRADING AND FOUNDATION EARTHWORK.
27. STAKE AND FLAG THE PROPERTY LINES IN ACCORDANCE WITH A LICENSED SURVEY MAP.
28. CONTINUOUS INSPECTION BY THE SOIL ENGINEER/GEOLOGIST IS REQUIRED AS DESCRIBED IN THE SOIL REPORT.

NOTICE TO CONTRACTORS:

1. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN ELEVATION CONDITIONS FOR GRADING AND DRAINAGE WORK. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
2. THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
3. THE CONTRACTOR FURTHER SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT
4. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR THE ENGINEER, PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND NOT TO THE EXPENSE OF THE OWNER OR ENGINEER.
6. ALL CHANGES TO THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL BE DONE IN WRITING AND APPROVED BY THE ENGINEER OF RECORD. THE ENGINEER SHALL NOT BE RESPONSIBLE, OR LIABLE FOR UNAUTHORIZED CHANGES OR USES OF THE CONSTRUCTION DOCUMENTS.
7. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT ARCHITECT OR ENGINEER BEFORE PROCEEDING WITH THE WORK IN QUESTION.
8. THE CONTRACTOR SHALL OBTAIN AN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE 5 FEET OR DEEPER.
9. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

ENVIRONMENTAL QUALITY NOTES:

A. ALL UNPAVED DEMOLITION AND CONSTRUCTION AREAS SHALL BE WETTED AT LEAST TWICE DAILY DURING EXCAVATION AND CONSTRUCTION, AND TEMPORARY DUST COVERS SHALL BE USED TO REDUCE DUST EMISSIONS AND MEET SCAQMD DISTRICT RULE 403.

B. THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA SUFFICIENTLY DAMPENED TO CONTROL DUST CAUSED BY CONSTRUCTION AND HAULING, AND AT ALL TIMES PROVIDE REASONABLE CONTROL OF DUST CAUSED BY WIND.

C. EROSION CONTROL TO BE INSTALLED YEAR ROUND THROUGHOUT ENTIRE PROJECT. OBTAIN GRADING INSPECTOR'S APPROVAL OF PROPOSED PROCEDURES.

D. ALL LOADS SHALL BE SECURED BY TRIMMING, WATERING OR OTHER APPROPRIATE MEANS TO PREVENT SPILLAGE AND DUST.

E. ALL MATERIALS TRANSPORTED OFF-SITE SHALL BE EITHER SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT EXCESSIVE AMOUNT OF DUST.

F. ALL CLEARING, EARTH MOVING, OR EXCAVATION ACTIVITIES SHALL BE DISCONTINUED DURING PERIODS OF HIGH WINDS (I.E., GREATER THAN 15 MPH), SO AS TO PREVENT EXCESSIVE AMOUNTS OF DUST.

G. GENERAL CONTRACTORS SHALL MAINTAIN AND OPERATE CONSTRUCTION EQUIPMENT SO AS TO MINIMIZE EXHAUST EMISSIONS.

H. THE PROJECT SHALL COMPLY WITH THE NOISE ORDINANCES WHICH PROHIBIT THE EMISSION OR CREATION OF NOISE BEYOND CERTAIN LEVELS AT ADJACENT USES UNLESS TECHNICALLY INFEASIBLE.

I. CONSTRUCTION AND DEMOLITION SHALL BE RESTRICTED TO THE HOURS OF 7:00 AM TO 6:00 PM MONDAY THROUGH FRIDAY, AND 8:00 AM TO 6:00 PM ON SATURDAY.

J. CONSTRUCTION AND DEMOLITION ACTIVITIES SHALL BE SCHEDULED SO AS TO AVOID OPERATING SEVERAL PIECES OF EQUIPMENT SIMULTANEOUSLY.

K. THE PROJECT CONTRACTOR SHALL USE POWER CONSTRUCTION EQUIPMENT WITH STATE-OF-THE-ART NOISE SHIELDING AND MUFFLING DEVICES.

L. THE CONTRACTOR SHALL COMPLY WITH THE NOISE INSULATION STANDARDS OF TITLE 24 OF THE CALIFORNIA CODE REGULATIONS, WHICH INSURE AN ACCEPTABLE INTERIOR NOISE ENVIRONMENT.

M. ALL WASTE SHALL BE DISPOSED OF PROPERLY. USE APPROPRIATELY LABELED RECYCLING BINS TO RECYCLE CONSTRUCTION MATERIALS INCLUDING: SOLVENTS, WATER-BASED PAINTS, VEHICLE FLUIDS, BROKEN ASPHALT AND CONCRETE, WOOD, AND VEGETARIAN. NON RECYCLABLE MATERIALS/WASTES SHALL BE TAKEN TO AN APPROPRIATE LANDFILL. TOXIC WASTES MUST BE DISCARDED AT A LICENSED REGULATED DISPOSAL SITE.

O. PAVEMENT SHALL NOT BE HOSED DOWN AT MATERIAL SPILLS. DRY CLEANUP METHODS SHALL BE USED WHENEVER POSSIBLE.

P. DUMPSTERS SHALL BE COVERED AND MAINTAINED. UNCOVERED DUMPSTERS SHALL BE PLACED UNDER A ROOF OR BE COVERED WITH TARPS OR PLASTIC SHEETING.

Q. GRAVEL APPROACHES SHALL BE USED WHERE TRUCK TRAFFIC IS FREQUENT TO REDUCE SOIL COMPACTION AND THE TRACKING OF SEDIMENT INTO STREETS SHALL BE LIMITED.

R. ALL VEHICLE/EQUIPMENT MAINTENANCE, REPAIR, AND WASHING SHALL BE CONDUCTED AWAY FROM STORM DRAINS. ALL MAJOR REPAIRS SHALL BE CONDUCTED OFF-SITE. DRIP PANS OR DROP CLOTHES SHALL BE USED TO CATCH DRIPS AND SPILLS.

ACCESSIBILITY NOTES:

CALIFORNIA ACCESS COMPLIANCE, TITLE 24 CCR

1. WALKS AND SIDEWALK SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4" PER FOOT (2% GRADIENT) (SEC. 11B-403.3)
2. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1:20 (5% GRADIENT) IT SHALL COMPLY WITH THE PROVISIONS OF SECTION 11B-401 AS A PEDESTRIAN RAMP (SEC. 11B-403.3)
3. WALK AND SIDEWALK SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH. (SEC. 11B-403.2)
4. WALK & SIDEWALK SURFACES WITH A SLOPE OF 6% OR MORE GRADIENT SHALL BE SLIP-RESISTANT. (SEC. 11B-403.2)
5. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5' IN LENGTH AT INTERVALS OF' AT LEAST EVERY 400'. (SEC. 11B-403.7)
6. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" WIDE AND DOOR+36" DEEP AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE AND DOOR+12" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. (SEC. 11B-404.2.4.1 (c) OR (d))
7. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48" WIDE. (SEC. 11B-403.1, 11B-403.2, 11B-403.5.1, 11B-403.5.3, 11B-302.1)
8. WHEN ABRUPT CHANGES IN LEVEL NOT EXCEEDING 1/2" OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL (50%), EXCEPT THAT LEVEL CHANGES NOT EXCEEDING ¼" MAY BE VERTICAL (SEC. 11B-403.4 AND FIGURES 11B-5E (c) AND (d))
9. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE EXCEEDING 1/2" SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS. (SEC. 11B-303.4)
10. WALKS SHALL EXTEND A MINIMUM OF 36" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALL (SEC. 11B-404.2.4.1 (d))
11. WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE. GRID OPENINGS IN GRATINGS SHALL BE 1/2" WIDE MAX IN THE DIRECTION OF TRAFFIC FLOW. ELONGATED OPENINGS, IF PROVIDED SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL (SEC. 11B-302.3)
12. ABRUPT CHANGES IN LEVEL, 4" OR MORE, EXCEPT BETWEEN A WALK OR A SIDEWALK AND ADJACENT STREETS OR DRIVEWAYS SHALL BE IDENTIFIED BY A 6" HIGH CURBS ABOVE WALK SURFACE (SEC. 11B-303.5)
13. PROVIDE SIGNS DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND SHALL COMPLY WITH SECTION 11B-703 (SEC. 11B-216.6)

PAVING NOTES:

1. A PRE-PAVING MEETING WITH PROJECT INSPECTOR AND ENGINEER IS REQUIRED 48 HOURS PRIOR TO PAVING.
2. CRUSHED AGGREGATE BASE SHOULD CONFORM TO SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SHOULD BE COMPACTED TO A DRY DENSITY OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AT NEAR OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D 1557-02.
3. THE PCC PAVEMENT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF APPROXIMATELY 2,500 PSI FOR PEDESTRIAN AREAS.
4. ADJACENT PAVEMENTS SLAB SECTIONS SHALL HAVE FLUSH TRAPEZOIDAL KEYED CONSTRUCTION JOINT. AS AN ALTERNATIVE TO THE KEYED JOINT, DOWELING BETWEEN CONSTRUCTION JOINTS CAN BE USED. DOWELS SHALL CONSIST OF SMOOTH, #4bar REINFORCING STEEL, 18 INCHES LONG, EMBEDDED A MINIMUM OF SIX INCHES INTO THE SLAB ON EITHER SIDE OF THE CONSTRUCTION JOINT.

GEOTECHNICAL NOTES:

A. PARTICLES LARGER THAN 4 INCHES IN DIAMETER SHALL NOT BE ALLOWED IN THE BACKFILL MATERIAL.

B. ALL AREAS TO RECEIVE NEW FILL SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES AND COMPACTED TO 95 PERCENT RELATIVE COMPACTION.

C. WITHIN THE AT-GRADE PORTION OF THE PROPOSED STRUCTURE, ALL FILL MATERIALS AND UPPER ALLUVIAL SOILS SHALL BE REMOVED TO A MINIMUM DEPTH OF 3 FEET BELOW THE BOTTOM OF ALL FOUNDATIONS, OR 5 FEET BELOW THE PROPOSED SUBGRADE, WHICHEVER IS DEEPER. THE REMOVAL SHALL EXTEND AT LEAST 3 FEET BEYOND THE EDGE OF FOUNDATIONS, OR FOR A DISTANCE EQUAL TO THE DEPTH OF FILL BELOW THE FOUNDATIONS, WHICHEVER IS GREATER. THE EXPOSED GRADE SHALL THEN BE SCARIFIED TO A DEPTH OF SIX INCHES, MOISTENED TO APPROXIMATELY 3% ABOVE OPTIMUM MOISTURE CONTENT, AND RECOMPACTED IN EXCESS OF THE MINIMUM REQUIRED COMPARATIVE DENSITY.

D. FLOOR SLABS-ON-GRADE SHALL BE DESIGNED PER THE RECOMMENDATIONS OF THE REFERENCED HEREIN GEOTECHNICAL REPORT. THE DESIGN OF THE SLAB MAY BE ALTERED ONLY BY THE CONSULTING STRUCTURAL ENGINEER.

E. FILL SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90% MAX DRY DENSITY AS NOTED IN THE SOILS REPORT.

F. ON-SITE OR IMPORTED GRANULAR SOILS MAY BE USED AS BACKFILL MATERIAL PER THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. ALL BACKFILL SHOULD BE PLACED IN THIN HORIZONTAL LIFTS, WETTED OR AIR-DRIED AS NECESSARY TO ACHIEVE NEAR OPTIMUM MOISTURE CONDITIONS, AND COMPACTED IN PLACE TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY. FLOODING OR WETTING OF BACKFILL SOILS IS NOT PERMITTED.

G. BACKFILL FOR ALL UTILITY TRENCHES UNDER SLABS AND WITHIN DRIVEWAYS AND PARKING AREAS SHOULD BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95 PERCENT OF ITS MAXIMUM DRY DENSITY BY MECHANICAL METHODS. WHERE UTILITY TRENCHES ARE PARALLEL TO THE FOOTINGS, THE BOTTOM OF THE TRENCH SHOULD BE LOCATED ABOVE A PLANE WITH A SLOPE OF 1:1, PROJECTED DOWNWARD FROM THE ADJACENT BOTTOM EDGE OF THE FOOTING.

H. ALL REQUIRED FILLS SHOULD BE PLACED IN HORIZONTAL LIFTS NOT MORE THAN 6" TO 8" IN THICKNESS & COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY.

I. NO FILL TO BE PLACED, UNTIL THE CITY GRADING INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM EXCAVATION.

J. INSPECTION & TESTING; TO INSURE COMPLIANCE THE RECOMMENDATIONS OF THE HEREIN REFERENCED GEOTECHNICAL REPORT, THE FOLLOWING OPERATIONS SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER:

   A. TEMPORARY EXCAVATIONS
   B. REMOVAL OF UNSUITABLE SOILS
   C. BACKFILL PLACEMENT AND COMPACTION
   D. FOUNDATION EXCAVATIONS.

K. THE GEOTECHNICAL ENGINEER SHALL PERFORM PERIODIC INSPECTIONS AND SUBMIT A COMPLETE REPORT AND MAP UPON COMPLETION OF THE ROUGH GRADING OPERATIONS.

L. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE GEOTECHNICAL ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED. THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE, NUCLEAR GAGE, OR DRIVE RING SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.

M. NOTIFICATION OF NONCOMPLIANCE: IF, IN THE COURSE OF FULFILLING THEIR RESPONSIBILITY, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER, THE ENGINEERING GEOLOGIST OR THE TESTING AGENCY FINDS THAT THE WORK IS NOT BEING DONE IN CONFORMANCE WITH THE APPROVED GRADING PLANS, THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE PERSON IN CHARGE OF THE GRADING WORK AND TO THE OWNER REPRESENTATIVE. RECOMMENDATION FOR CORRECTIVE MEASURES, IF NECESSARY, SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER OF THE PROJECT.

N. ALL EXISTING SEWERS, CESSPOOLS AND SEPTIC TANKS OR OTHER SEWAGE DISPOSAL FACILITIES SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE AND TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER AND GRADING INSPECTOR.

O. EXPORT SOILS MUST GO TO A LEGAL DUMP SITE OR TO A PERMITTED SITE APPROVED BY THE CITY GRADING ENGINEER.

P. NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE GRADING INSPECTOR. A PRE-GRADING MEETING AT THE SITE IS REQUIRED BEFORE START OF CLEARING AND GRADING WITH THE FOLLOWING PEOPLE RESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, GEOTECHNICAL ENGINEER, ENGINEERING GEOLOGIST, CITY GRADING INSPECTORS, CONSTRUCTION MANAGER'S REPRESENTATIVE,

Q. CONTINUOUS INSPECTION BY THE SOILS ENGINEER/GEOLOGIST IS REQUIRED FOR GRADING OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE GRADING INSPECTOR WHEN THE GRADING OPERATION IS READY FOR EACH OF THE FOLLOWING INSPECTIONS:

   1. INITIAL INSPECTION. WHEN THE CONTRACTOR IS READY TO BEGIN WORK, BUT NOT LESS THAN TWO DAYS BEFORE ANY CLEARING OR GRADING IS STARTED.
   2. TOE INSPECTION. AFTER THE NATURAL GROUND OR BEDROCK IS EXPOSED AND PREPARED TO RECEIVE FILL, BUT BEFORE FILL IS PLACED.
   3. EXCAVATION INSPECTION. AFTER THE EXCAVATION IS STARTED, BUT BEFORE THE VERTICAL DEPTH OF THE EXCAVATION EXCEEDS TEN FEET.
   4. FILL INSPECTION. AFTER THE FILL PLACEMENT IS STARTED, BUT BEFORE THE VERTICAL HEIGHT OF THE FILL EXCEEDS TEN FEET.
   5. DRAINAGE DEVICE INSPECTION. AFTER PLACEMENT OF PIPE IN SUBDRAINS, BUT BEFORE ANY CONCRETE OR FILLER MATERIAL IS PLACED.
   6. ROUGH GRADING INSPECTION. WHEN ALL ROUGH GRADING HAS BEEN COMPLETED, THIS INSPECTION MAY BE CALLED FOR AT THE COMPLETION OF ROUGH GRADING WITHOUT THE INSPECTOR NECESSARILY HAVING PREVIOUSLY REVIEWED AND APPROVED THE REQUIRED REPORTS.
   7. FINAL GRADING AND IMPROVEMENT INSPECTION. WHEN ALL WORK (INCLUDING INSTALLATION OF ALL DRAINAGE STRUCTURES, OTHER PROTECTIVE DEVICES AND ALL OTHER IMPROVEMENTS WHICH INCLUDE LANDSCAPING AND IRRIGATION SYSTEMS) HAS BEEN COMPLETED AND THE AS-GRADED PLAN, PROFESSIONAL CERTIFICATIONS AND THE REQUIRED REPORTS HAVE BEEN SUBMITTED.

R. CONTRACTOR TO NOTE THE PRESENCE OF MINOR GROUND WATER SEEPAGE AT THE SITE. CONTRACTOR SHALL OBTAIN NECESSARY DEWATERING PERMITS WHEN REQUIRED.

GRADING NOTES:

1. ALL GRADING SLOPES SHALL BE PLANTED AND SPRINKLERED (7012.1)
2. STANDARD 12 INCH HIGH BERM IS REQUIRED AT TOP OF ALL GRADED SLOPES. (7013.3)
3. NO FILL TO BE PLACED, UNTIL THE DISTRICT INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM EXCAVATION.
4. MAN-MADE FILL SHALL BE COMPACTED TO A MINIMUM RELATIAVE COMPACTION OF 90% MAX. DRY DENSITY WITHIN 40 FEET BELOW FINISH GRADE AND 93% OF MAX. DRY DENSITY DEEPER THAN 40 FEET BELOW FINISH GRADE, UNLESS A LOWER RELATIVE COMPACTION (NOT LESS THAN 90% OF MAX. DRY DENSITY) IS JUSTIFIED BY THE SOILS ENGINEER.
5. TEMPORARY EROSION CONTROL TO BE DEPLOYED YEAR ROUND.

GENERAL UTILITY NOTES:

1. CONTRACTOR TO PROTECT IN PLACE OR ADJUST WHERE NECESSARY ALL EXISTING UTILITY LINES AND UNDERGROUND STRUCTURES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, THAT LAY WITHIN THE LIMITS OF THE NEW CONSTRUCTION, AND ARE NOT SPECIFICALLY MARKED TO BE REMOVED OR ABANDONED.
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE AMENDMENTS IN REGARD TO SAFETY ORDERS.
3. INSTALLATION OF PIPES IN TRENCHES SHALL BE IN ACCORDANCE WITH SECTION 306 OF THE STANDARD SPECIFICATIONS, AND APPLICABLE SPPWC STANDARD PLANS.
4. PIPE BEDDING SHALL BE CLEAN SAND AS DEFINED IN THE SOILS REPORT.
5. THE CONTRACTOR MAY VARY THE GRADE AND/OR ALIGNMENT OF THE WATER AND GAS LINES IF FIELD CONDITIONS WARRANT WITH APPROVAL OF THE ENGINEER.
6. ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS FROM BOTTOM TO TOP WITH A DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. SEWER TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF SANDBAGS EXTENDING DOWNWARD, TWO SANDBAGS FROM THE GRADED SURFACE OF THE STREET. SANDBAGS ARE TO BE PLACED WITH ALTERNATE HEADER AND STRETCHER COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKINGS, SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT SHALL NOT EXCEED THE FOLLOWING:

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

7. THE CONTRACTOR SHALL PROVIDE THE DESIGN OF, OBTAIN THE REQUIRED PERMITS FOR, AND FURNISH AND INSTALL ALL THE TEMPORARY SHORING, UNDERPINNING AND BRACING REQUIRED TO SAFELY EXECUTE THE WORK AND PROTECT EXISTING IMPROVEMENTS.
8. CONTRACTOR SHALL EXPOSE EXISTING UTILITY LINES AT THE DOWNSTREAM CONNECTION LOCATIONS FOR VERIFICATION OF JOIN ELEVATIONS. DISCREPANCIES WITH THE PLANS SHALL BE REPORTED TO THE ENGINEER, PRIOR TO CONTINUING WITH CONSTRUCTION.
9. SPECIAL PROVISIONS SUCH AS FLEXIBLE OR SWIVEL JOINTS SHALL BE MADE FOR BURIED UTILITIES TO ALLOW FOR DIFFERENTIAL VERTICAL DISPLACEMENT.
10. CONSTRUCTION INSPECTION SHALL BE DONE FOR SUBBEDDING, BEDDING, PIPE LAYING, PIPE TESTING, AND MANHOLE CONSTRUCTION, TRENCHING, CONSOLIDAITON OF BACKFILL, PAVING, RESURFACING.
11. NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED BY THE INSPECTOR.
12. CONCRETE FOR UTILITY STRUCTURES SHALL BE PORTLAND CEMENT CONCRETE WITH AN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I. UNLESS OTHERWISE NOTED.
13. FINAL MANHOLE AND RIM CLEANOUT ELEVATIONS SHALL BE ADJUSTED TO MEET FINAL GRADES.
14. ALL WATER LINES SHALL BE INSTALLED WITH 36" MINIMUM COVER FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
15. MAINTAIN ALL UTILITIES DURING SCHOOL HOURS AND ACTIVITIES WITHOUT ANY INTERRUPTION TO SERVICES OR IMPACT TO STAFF OR STUDENT ACTIVITIES. IN ORDER TO PREVENT ANY INTERRUPTION TO UTILITY SERVICES DURING SCHOOL HOURS AND/OR ACTIVITIES, CONTRACTOR TO SUBMIT PLANS TO AOR FOR REVIEW PRIOR TO INSTALLING ANY TEMPORARY REROUTING PIPING, INSTALL BY PASS PIPING, ISOLATION VALVING, ETC TO MAINTAIN UTILITY SERVICES. THIS TO INCLUDE BARRIERS CONSISTING OF IN GRADE FENCING SUPPORTS WITH WIND SCREENS, TRENCH PLANTING, ETC.

CALIFORNIA CODE OF REGULATIONS:

APPLICABLE CODES AS OF JANUARY 1, 2023
2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, CBSC
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, CBSC
(2021 IBC AND CALIFORNIA AMENDMENTS)
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, CBSC
(2021 UNIFORM PLUMBING CODE AND CALIFORNIA AMENDMENTS)
2022 CALIFORNIA FIRE CODE, PART 9, CBSC
(2021 INTERNATIONAL FIRE CODE AND CALIFORNIA AMENDMENTS)

LIST OF FEDERAL CODES AND STANDARDS
- AMERICANS WITH DISABILITIES ACT (ADA), TITLE II
- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)
- FOR TITLE II: ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36). (28 CFR 35,151(c))

NOTE: TITLE II APPLIES TO PROJECTS FUNDED AND/OR USED BY STATE AND LOCAL GOVERNMENT SERVICES. TITLE III COVERS PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES.

BENCH MARK

ELEVATIONS SHOWN HEREON ARE BASED UPON LOS ANGELES COUNTY BENCHMARK 1G5736, ELEVATION 348.01 FEET (NAVD 88).

DESCRIPTION:
L&BR 1.5FT W/O BCR @ NE COR C/L INT MISSION DR & MUSCATEL AVE

SITE INFORMATION

SITE NAME:
MUSCATEL MIDDLE SCHOOL

SITE ADDRESS:
4201 IVAR AVENUE,
ROSEMEAD, CA 91770
LOS ANGELES COUNTY

ASSESSOR'S PARCEL NO:
5391-009-904
5391-009-905

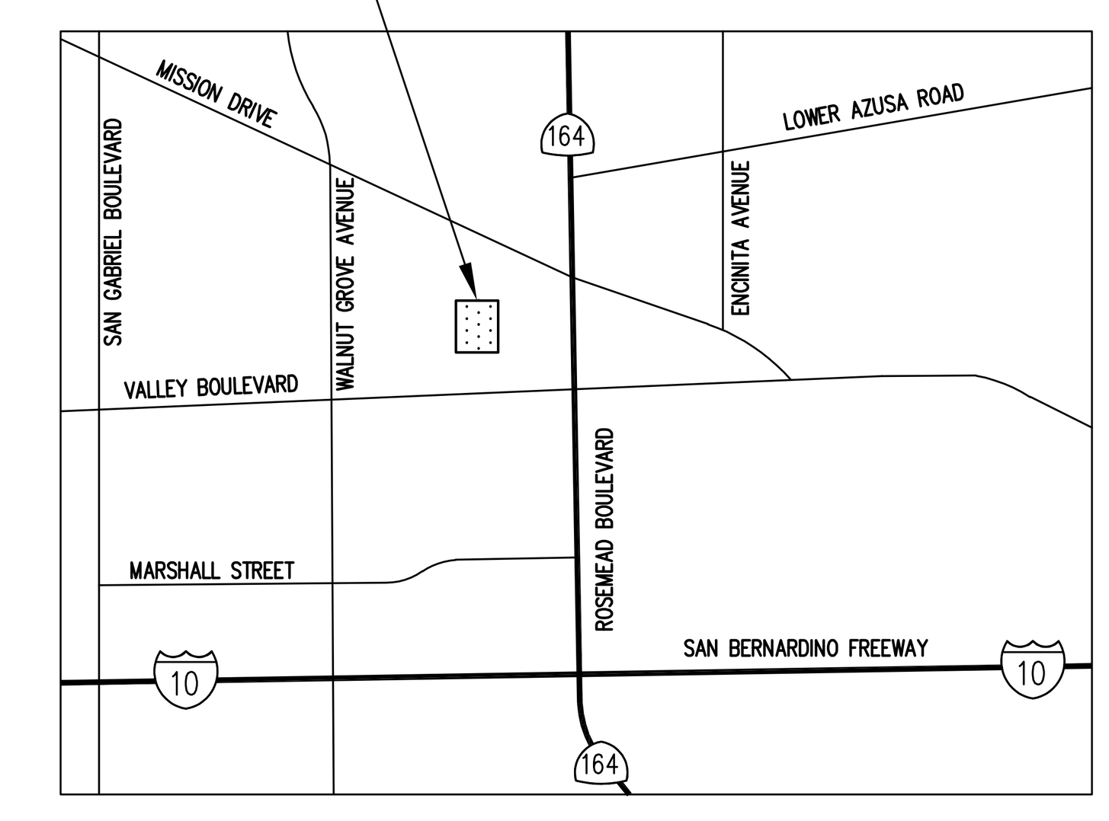
BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE V, (2017.50) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID BEARINGS ARE DETERMINED LOCALLY UPON FIELD-OBSERVED TIES TO THE FOLLOWING CALIFORNIA SPATIAL REFERENCE CENTER (C.S.R.C.) CONTINUOUSLY OPERATING REFERENCE STATIONS (C.O.R.S.):

C.S.R.C. LORS:
NORTHING = 1870992.79' EASTING = 6636093.05'

C.S.R.C. CNPP:
NORTHING = 1770801.76' EASTING = 6680408.39'

PROJECT SITE



VICINITY MAP
SCALE: N.T.S.

PREPARED BY

BRANDOW & JOHNSTON, INC.
700 SOUTH FLOWER ST. SUITE 1200
LOS ANGELES, CA. 90017
TEL (213) 596-4500
FAX (213) 596-4599

REPRESENTATIVE:

ED MELO, PE
DIRECTOR OF CIVIL ENGINEERING

PREPARED FOR

ROSEMEAD SCHOOL DISTRICT
3907 ROSEMEAD BLVD.
ROSEMEAD, CA 91770

REPRESENTATIVE:

NAC ARCHITECTURE
323-475-8075

INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION
C1.01	TITLE SHEET AND GENERAL NOTES
C2.01	TYPICAL DETAILS
C3.01	SITE DEMOLITION PLAN
C4.01	PRECISE GRADING PLAN
C5.01	SITE UTILITY PLAN
C6.01	EROSION CONTROL PLAN

LEGEND:

NEW PORTABLE BUILDING
EXISTING BUILDING
PROPERTY LINE
R RIDGE LINE
GRADE BREAK LINE
SAWCUT LINE
LIMITS OF BUILDING OVEREXCAVATION
FENCE
320 PROP. CONTOUR (1' INTERVAL)
320 EXIST. CONTOUR (1' INTERVAL)
325.00 FS PROPOSED SPOT ELEVATION
(325.00) FS EXISTING SPOT ELEVATION
ADA PATH OF TRAVEL
NEW ASPHALT CONCRETE PAVEMENT
NEW CONCRETE PAVEMENT

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

BRANDOW & JOHNSTON
STRUCTURAL+CIVIL ENGINEERS
700 S FLOWER ST #1200, LOS ANGELES, CA 90017
T: (213) 596-4500
WWW.BJSCE.COM
EST. 1945

REGISTERED PROFESSIONAL ENGINEER
EDGARD S. MELO
No.C80534
State of California
FOR BRANDOW & JOHNSTON

ROSEMEAD SCHOOL DISTRICT
MUSCATEL MIDDLE SCHOOL:
SHADE STRUCTURE
4201 IVAR AVENUE, ROSEMEAD, CA 91770

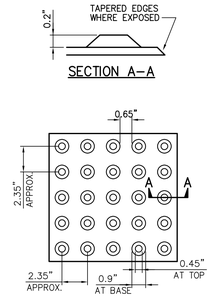
ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
3907 ROSEMEAD BOULEVARD
ROSEMEAD, CA 91770

JUBANY NAC ARCHITECTURE
837 N. SPRING ST. | LOS ANGELES CA 90012-2323 | P: 323.475.8075 | F: 323.859.3110
WWW.NACARCHITECTURE.COM

NAC NO	
DSA FILE	
DRAWN	
CHECKED	
DATE	01-18-2023

DSA SUBMITTAL

C1.01

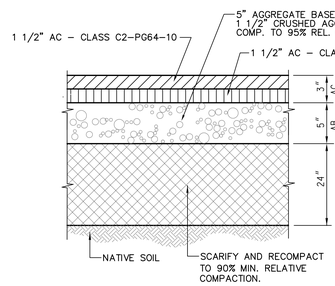


SECTION A–A

TRUNCATED DOME PLAN

TRUNCATED DOMES (DSA APPROVED PRODUCT ONLY)

SCALE: NO SCALE | 8

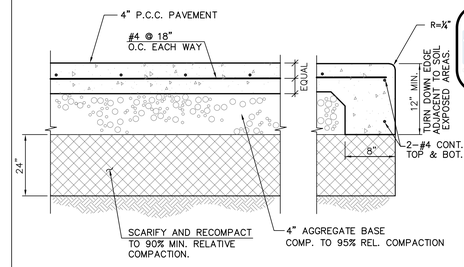


NOTES:

THE ACTUAL PAVEMENT THICKNESS WILL BE DETERMINED BY GEOTECHNICAL ENGINEER, BASED ON TRAFFIC INDEX AND AFTER SOIL TESTING.

AC PAVEMENT DETAIL

SCALE: NO SCALE | 4

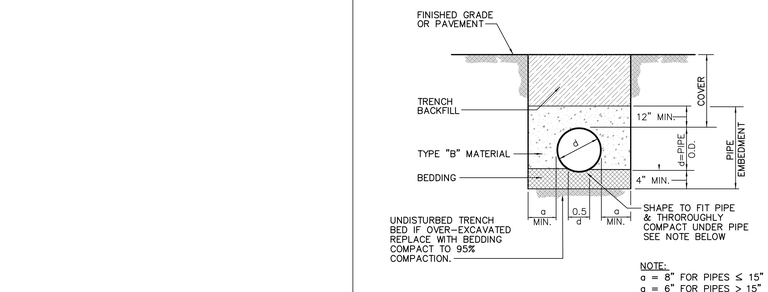


NOTES:

1 – PORTLAND CEMENT CONCRETE, fc=2500 psi, W/C RATIO 0.5 MAX.
2 – EXPANSION JOINTS–PER DETAIL 2 HEREON. SPACING – 32' O.C. OR LESS TO FIT WITH CONTROL JOINT SPACING PER DETAIL 2 HEREON.
3 – CONTROL JOINTS – PER DETAIL 2 HEREON.
4 – FINISH – BROOM FINISH.

PEDESTRIAN CONCRETE PAVEMENT

SCALE: NO SCALE | 1



NOTE:
a = 8" FOR PIPES ≤ 15"
a = 6" FOR PIPES > 15"

PIPE:

FOR GRAVITY FLOW SAN. SEWERS AND DRAINAGE P.V.C CONFORMING TO A.S.T.M. D–3034 MAXIMUM SDR 35, GASKETED JOINT, 15" DIA. MAXIMUM PIPE SIZE.

COMPACTION:

PIPE EMBEDMENT AND TRENCH BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 306–1.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION. WATER DENSIFIED BACKFILL SHALL NOT BE USED.

BEDDING:

CLEAN COARSE SAND

BEDDING TYPE B:

SAND OR OTHER GRANULAR MATERIAL WITH SAND EQUIVALENT VALUE NOT LESS THAN 30 AND SHALL BE COMPLETED PRIOR TO PLACING THE BALANCE OF THE BACKFILL. THE MAXIMUM ROCK SIZE FOR BEDDING TYPE B SHALL BE 3/4" IN THE GREATEST DIMENSION. NESTING OF ROCKS WILL NOT BE PERMITTED.

TRENCH BACKFILL:

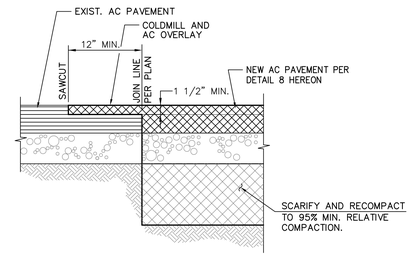
BACKFILL WITH ONSITE OR IMPORT SOILS TO MINIMUM 95% RELATIVE COMPACTION

TRENCH RESURFACING AT EXISTING PAVEMENT:

PER SPPWC STD. PLANS 132–3 OR 133–3 (WHICHEVER IS APPLICABLE)

FLEXIBLE PIPE BEDDING AND TRENCH DETAIL

SCALE: NO SCALE | 9

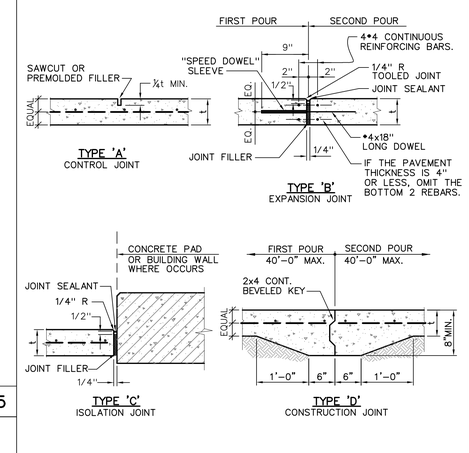


AC PAVEMENT JOINT DETAIL

SCALE: NO SCALE | 5

AC TO CONCRETE PAVEMENT TRANSITION

SCALE: NO SCALE | 6



SUGGESTED SPACING OF CONTROL JOINTS

PAVEMENT/SLAB TICKNESS (IN)	LESS THAN 3/4 INCH AGGREGATE: SPACING (FT)	LARGER THAN 3/4 INCH AGGREGATE: SPACING (FT)
3	4	6
4	8	10
5	10	13
6	12	15
7	14	18
8	16	20
9	18	23
10	20	25

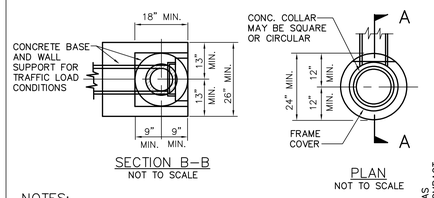
* GIVEN SPACING ALSO APPLY TO THE DISTANCE FROM CONTROL JOINTS TO PARALLEL ISOLATION JOINTS OR TO PARALLEL EXPANSION JOINTS.

NOTES:

1. SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT AND JOINT FILLER.
2. PLACE 18" LONG #4 DOWELS AT 24" O.C. (TYPE 'B' ONLY)
3. SPACING OF JOINTS PER TABLE HEREON.
4. STOP SLAB REINFORCING AT EXPANSION JOINT.

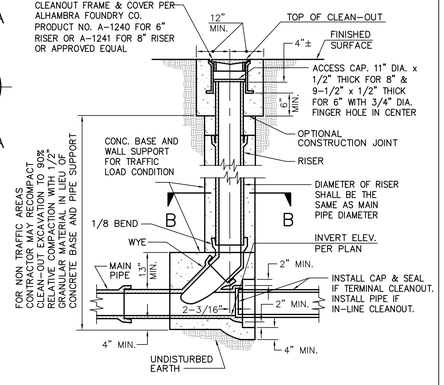
CONSTRUCTION JOINTS

SCALE: NO SCALE | 2



SECTION B–B
NOT TO SCALE

PLAN
NOT TO SCALE

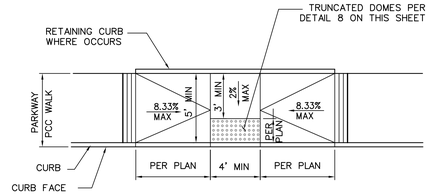


NOTES:

1. PIPE DIAMETER AND INVERT ELEVATION PER PLAN.
2. PIPE AND FITTINGS EXCEPT AS OTHERWISE SHOWN HEREON SHALL BE OF THE SAME MATERIAL AS THE SEWER.
3. PIPES AND FITTINGS SHALL BE PROPERLY ALIGNED AND MAINTAINED WHILE CONCRETE IS BEING PLACED AND ALLOWED TO HARDEN. JOINTS FOR PIPES AND FITTINGS SHALL BE MADE PRIOR TO PLACING CONCRETE. CONCRETE FOR BEDDING, ENCASEMENT, AND WALL SUPPORT FOR PIPES AND FITTINGS SHALL BE PLACED UNIFORMLY AROUND THE PIPE AND FITTINGS AS SHOWN HEREON TO MAINTAIN PROPER ALIGNMENT, AND SHALL BE CLASS 420–C–2000.
4. THE ACCESS FRAME, AND CAP SHALL BE CAST IRON. THE FINGER HOLES MAY BE DRILLED OUT OR MAY BE BLOCKED OUT PRIOR TO CASTING, THEY SHALL NOT BE PUNCHED OUT.

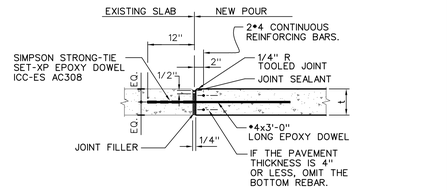
CLEANOUT DETAIL

SCALE: NO SCALE | 10



CURB RAMP DETAIL

SCALE: NO SCALE | 7



NOTES:

1. SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT AND JOINT FILLER.
2. PLACE THE DOWELS AT 24" O.C. (2 DOWELS MIN.)
3. 12" MAX. BETWEEN THE CONCRETE EDGE AND THE FIRST DOWEL.

CONSTRUCTION JOINT AT (E) CONC.

SCALE: NO SCALE | 3

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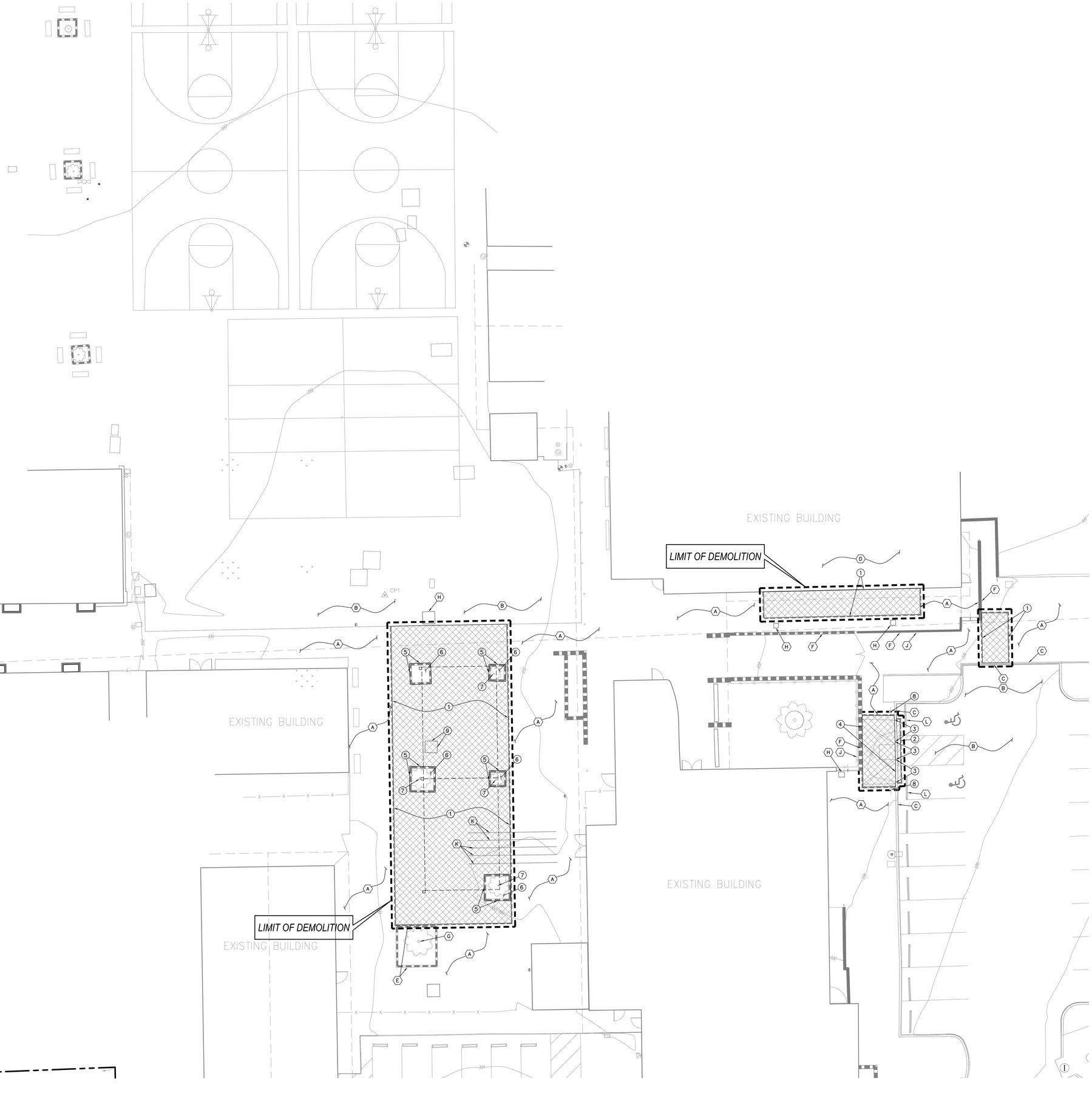

DEMOLITION NOTES:

1. REMOVE EXISTING CONCRETE PAVEMENT AND FULL BASE.
2. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT AND FULL BASE.
3. REMOVE EXISTING CONCRETE CURB.
4. REMOVE EXISTING CURB RAMP.
5. REMOVE EXISTING PLANTER WALL.
6. REMOVE EXISTING LANDSCAPE/DIRT.
7. REMOVE EXISTING TREE.
8. RELOCATE EXISTING SIGN.
9. REMOVE EXISTING DRAIN INLET/CATCH BASIN.

SALVAGE NOTES:

A. PROTECT EXISTING CONCRETE PAVEMENT.
B. PROTECT EXISTING ASPHALT CONCRETE PAVEMENT.
C. PROTECT EXISTING CONCRETE CURB.
D. PROTECT EXISTING BUILDING.
E. PROTECT EXISTING PLANTER & LANDSCAPE.
F. PROTECT EXISTING WALL.
G. PROTECT EXISTING TREE.
H. PROTECT EXISTING STORM DRAIN INLET.
J. PROTECT EXISTING FENCE.
K. PROTECT EXISTING HANDRAIL.
L. PROTECT EXISTING WHEEL STOP.

LEGEND:

- LIMITS OF DEMOLITION
- EXISTING BUILDING
- PROPERTY LINE
- SAWCUT LINE
- REMOVE EXIST. AC PAVEMENT
- REMOVE EXIST. PCC PAVEMENT
- REMOVE EXIST. LANDSCAPE

NOTE:

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

NORTH

SITE DEMOLITION PLAN

0' 5' 10' 20'

GRAPHIC SCALE : 1"=10'

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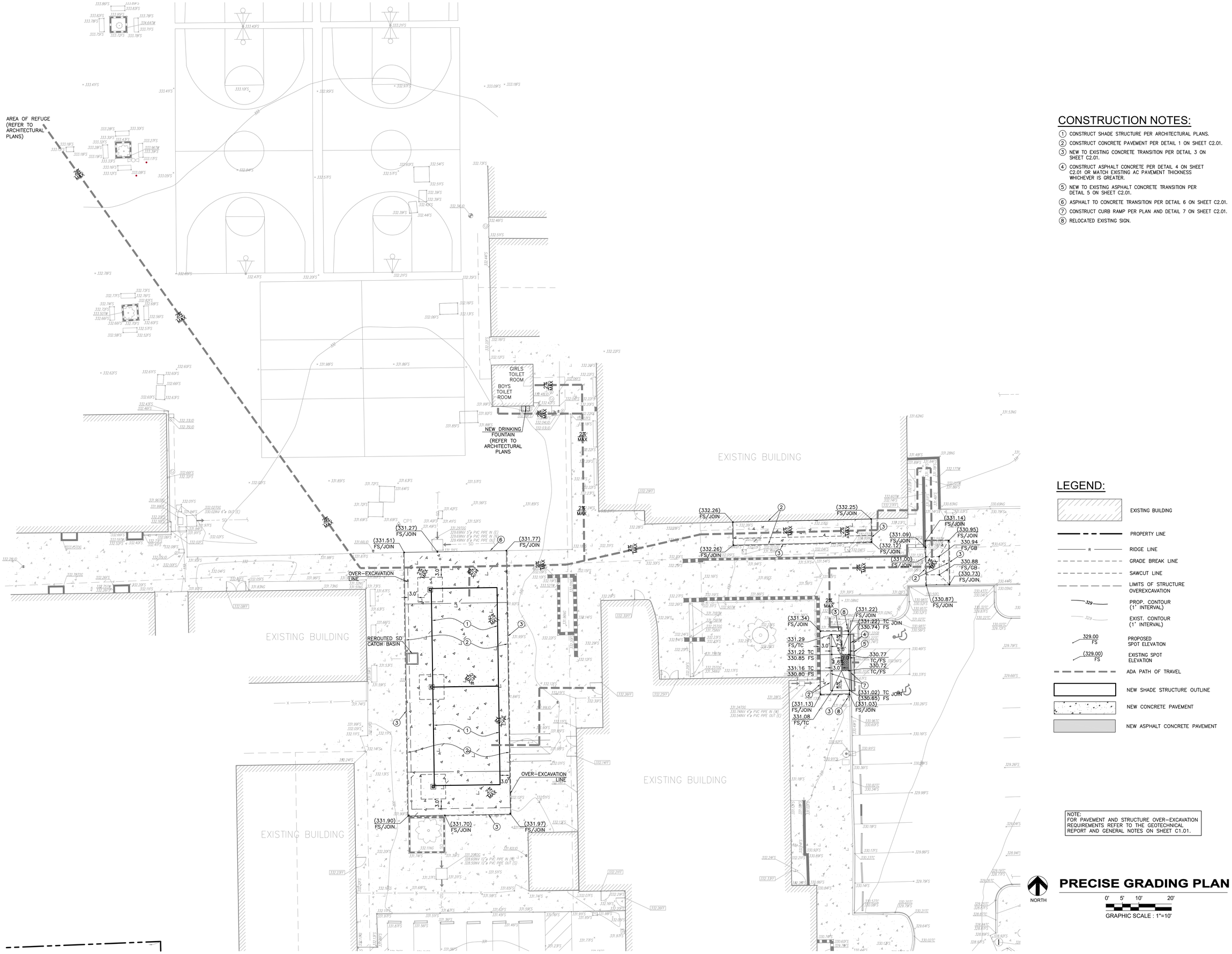

CONSTRUCTION NOTES:

1. CONSTRUCT SHADE STRUCTURE PER ARCHITECTURAL PLANS.
2. CONSTRUCT CONCRETE PAVEMENT PER DETAIL 1 ON SHEET C2.01.
3. NEW TO EXISTING CONCRETE TRANSITION PER DETAIL 3 ON SHEET C2.01.
4. CONSTRUCT ASPHALT CONCRETE PER DETAIL 4 ON SHEET C2.01 OR MATCH EXISTING AC PAVEMENT THICKNESS WHICHEVER IS GREATER.
5. NEW TO EXISTING ASPHALT CONCRETE TRANSITION PER DETAIL 5 ON SHEET C2.01.
6. ASPHALT TO CONCRETE TRANSITION PER DETAIL 6 ON SHEET C2.01.
7. CONSTRUCT CURB RAMP PER PLAN AND DETAIL 7 ON SHEET C2.01.
8. RELOCATED EXISTING SIGN.

LEGEND:

- EXISTING BUILDING
- PROPERTY LINE
- RIDGE LINE
- GRADE BREAK LINE
- SAWCUT LINE
- LIMITS OF STRUCTURE OVEREXCAVATION
- PROP. CONTOUR (1' INTERVAL)
- EXIST. CONTOUR (1' INTERVAL)
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- ADA PATH OF TRAVEL
- NEW SHADE STRUCTURE OUTLINE
- NEW CONCRETE PAVEMENT
- NEW ASPHALT CONCRETE PAVEMENT

NOTE:
FOR PAVEMENT AND STRUCTURE OVER-EXCAVATION REQUIREMENTS REFER TO THE GEOTECHNICAL REPORT AND GENERAL NOTES ON SHEET C1.01.

PRECISE GRADING PLAN

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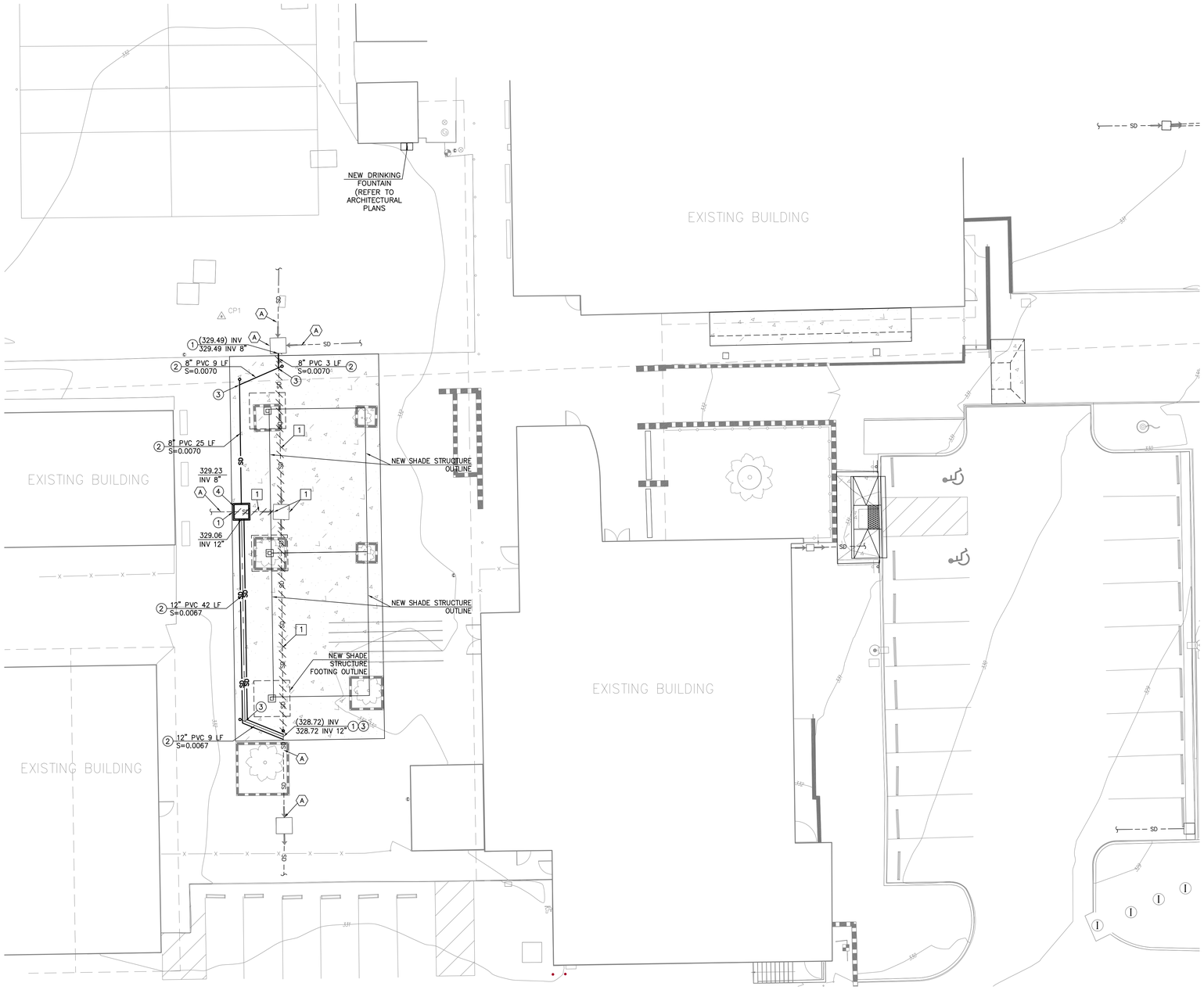

NORTH

SITE UTILITY PLAN

0' 5' 10' 20'

GRAPHIC SCALE : 1"=10'

CONSTRUCTION NOTES:

1. POINT OF CONNECTION.
2. INSTALL PVC SDR35 STORM DRAIN PIPE WITH PUSH-ON JOINTS. SIZE, LENGTH AND SLOPE PER PLAN. SEE DETAIL 9 ON SHEET C2.01 FOR TRENCHING.
3. CONSTRUCT CLEANOUT PER DETAIL 10 ON SHEET C2.01.
4. INSTALL 36"X36" PRECAST INLET WITH FILTER INSERT PER BROOKS PRODUCT AND OLDCASTLE OR APPROVED EQUAL.

UTILITY DEMOLITION NOTES:

1. REMOVE EXISTING UTILITY LINE AND ALL APPURTENANCES. COORDINATE THE DISCONNECTION WITH THE DISTRICT AND/OR UTILITY COMPANY PRIOR TO COMMENCE DEMOLITION.

UTILITY PROTECTION NOTES:

A. PROTECT EXISTING UTILITY IN PLACE. KEEP THE UTILITY LINE OPERATIONAL AT ALL TIMES. COORDINATE ANY NECESSARY INTERRUPTIONS WITH THE DISTRICT.

LEGEND:

- PROPERTY LINE
- CENTER LINE
- SS SANITARY SEWER
- SD STORM DRAIN
- W WATER MAIN
- FW FIRE WATER
- G GAS MAIN (FOR REF. ONLY)
- E ELECTRIC CABLE (FOR REF. ONLY)
- T TECHNOLOGY (FOR REF. ONLY)
- EXIST. GAS MAIN
- EXIST. SANITARY SEWER
- EXIST. STORM DRAIN
- EXIST. STORM DRAIN
- EXIST. WATER MAIN
- EXIST. FIRE WATER
- EXIST. ELECTRIC U/G CABLE
- EXIST. TECHNOLOGY
- EXISTING STORM DRAIN TO BE REMOVED/RELOCATED
- EXISTING SANITARY SEWER LINE TO BE REMOVED/RELOCATED
- EXISTING DOMESTIC WATER LINE TO BE REMOVED/RELOCATED
- EXISTING FIRE WATER LINE TO BE REMOVED/RELOCATED
- VALVE
- FIRE HYDRANT
- DOUBLE DETECTOR CHECK ASSEMBLY

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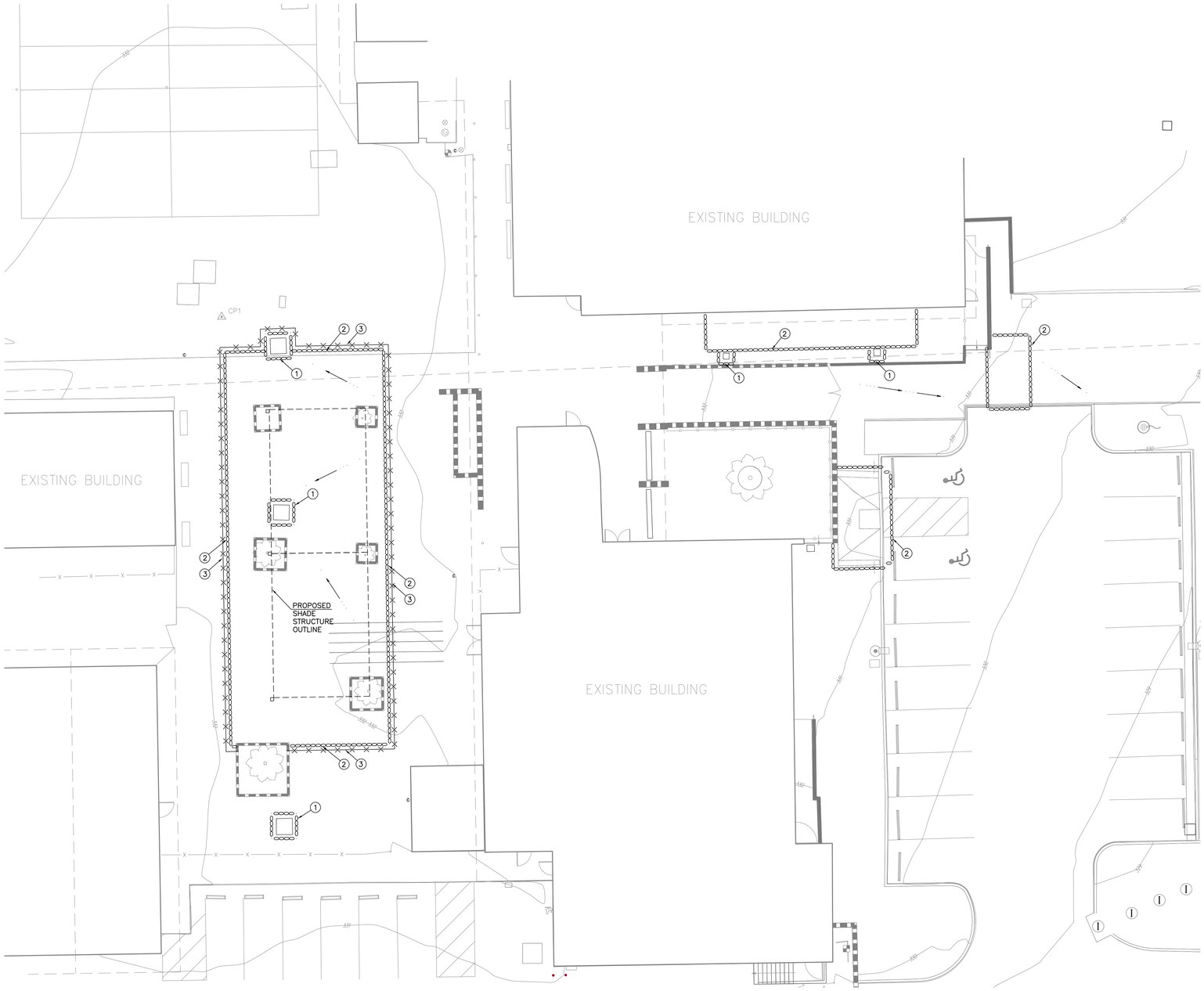
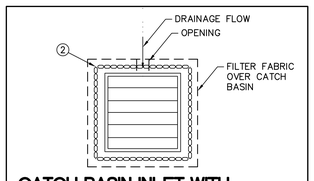


NORTH

EROSION CONTROL PLAN

0' 5' 10' 20'

GRAPHIC SCALE : 1"=10'



CATCH BASIN INLET WITH PERMEABLE FILTER FABRIC 1

NOT TO SCALE

EROSION CONTROL NOTES

1. COVER CATCH BASIN INLET WITH PERMEABLE FILTER PER DETAIL 1 (REFER TO SE-10 OF CASQA BMP MANUAL).
2. SINGLE ROW GRAVEL BAGS – 2 BAGS HIGH (PER SE-8 OF CASQA BMP MANUAL).
3. INSTALL TEMPORARY CONSTRUCTION FENCE WITH WIND SCREEN.

LEGEND

- GRAVEL BAGS OR STRAW WADDLE
- SCREENED FENCE
- TREE PROTECTION FENCE
- DRAINAGE FLOW

STORM WATER POLLUTION CONTROL

CONSTRUCTION MEANS CONSTRUCTING, CLEARING, GRADING OR EXCAVATION THAT RESULT IN SOIL DISTURBANCE. CONSTRUCTION INCLUDES STRUCTURE TEARDOWN (DEMOLITION). IT DOES NOT INCLUDE ROUTINE MAINTENANCE TO MAINTAIN ORIGINAL LINE AND GRADE, HYDRAULIC CAPACITY, OR ORIGINAL PURPOSE OF FACILITY; EMERGENCY CONSTRUCTION ACTIVITIES
REQUIRED TO IMMEDIATELY PROTECT PUBLIC HEALTH AND SAFETY; INTERIOR REMODELING WITH NO OUTSIDE EXPOSURE OF CONSTRUCTION MATERIAL OR CONSTRUCTION WASTE TO STORM WATER; MECHANICAL PERMIT WORK; OR SIGN PERMIT WORK.
(ORDER NO. 01-182, NPDES PERMIT NO. CAS004001 – PART 5: DEFINITIONS)

1. ERODED SEDIMENTS AND POLLUTANTS SHALL BE RETAINED ON SITE AND SHALL NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE OR WIND.
2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE COVERED AND/OR PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY WIND OR WATER.
3. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND SHALL NOT CONTAMINATE THE SOIL NOR THE SURFACE WATERS. ALL APPROVED TOXIC STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY AND SHALL NOT BE WASHED INTO THE DRAINAGE SYSTEM.
4. NON-STORM WATER RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND ANY OTHER ACTIVITY SHALL BE CONTAINED ON THE PROJECT SITE.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTE ON-SITE UNTIL IT CAN BE APPROPRIATELY DISPOSED OF OR RECYCLED.
6. TRASH AND CONSTRUCTION -RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF STORM WATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS SHALL NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE STREET/PUBLIC WAYS. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR BY ANY OTHER MEANS.
8. RETENTION BASINS OF SUFFICIENT SIZE SHALL BE PROVIDED TO RETAIN STORM WATER RUNOFF ON-SITE AND SHALL BE PROPERLY LOCATED TO COLLECT ALL TRIBUTARY SITE RUNOFF.
9. WHERE RETENTION OF STORM WATER RUNOFF ON-SITE IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, RUNOFF MAY BE CONVEYED TO THE STREET AND THE STORM DRAIN SYSTEM PROVIDED THAT AN APPROVED FILTERING SYSTEM IS INSTALLED AND MAINTAINED ON-SITE DURING THE CONSTRUCTION DURATION.

TYPICAL DEMOLITION DEBRIS NOTES

1. EROSION CONTROL DEVICES SHOWN ON THE PLAN MAY BE REMOVED WHEN APPROVED BY THE PROJECT INSPECTOR IF THE DEMOLITION OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
2. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
3. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
4. STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES, THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE CONTRACTOR. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE PROJECT INSPECTOR.
5. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITE AT ALL TIMES.
6. POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA PUMPS, SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
7. CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL BMPS ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 40% CHANCE OF 0.25 INCHES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.
8. MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
9. A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERBENCY DEVICES WHEN RAIN IS IMMINENT.

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

DETAILED IN THE CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICES HANDBOOK – CONSTRUCTION. DECEMBER 2019

EROSION CONTROL
EC-1 SCHEDULING

SEDIMENT CONTROL
SE-8 SANDBAGS BARRIER
SE-10 STORM DRAIN INLET PROTECTION

NON-STORM WATER CONTROL
NS-3 PAVING AND GRINDING OPERATIONS

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL
WM-1 MATERIAL DELIVERY AND STORAGE
WM-2 MATERIAL USE

SECTION 2 OF THE CASQA BMP CONSTRUCTION HANDBOOK, DECEMBER 2019, IS PART OF THESE EROSION CONTROL PLANS, INCLUDING BUT NOT LIMITED TO:

- MINIMUM REQUIREMENTS
- GOOD HOUSEKEEPING PRACTICES
- STAFF TRAINING
- SITE INSPECTIONS
- BMP MONITORING AND MAINTENANCE
- STORMWATER POLLUTION CONTROL DOCUMENTATION

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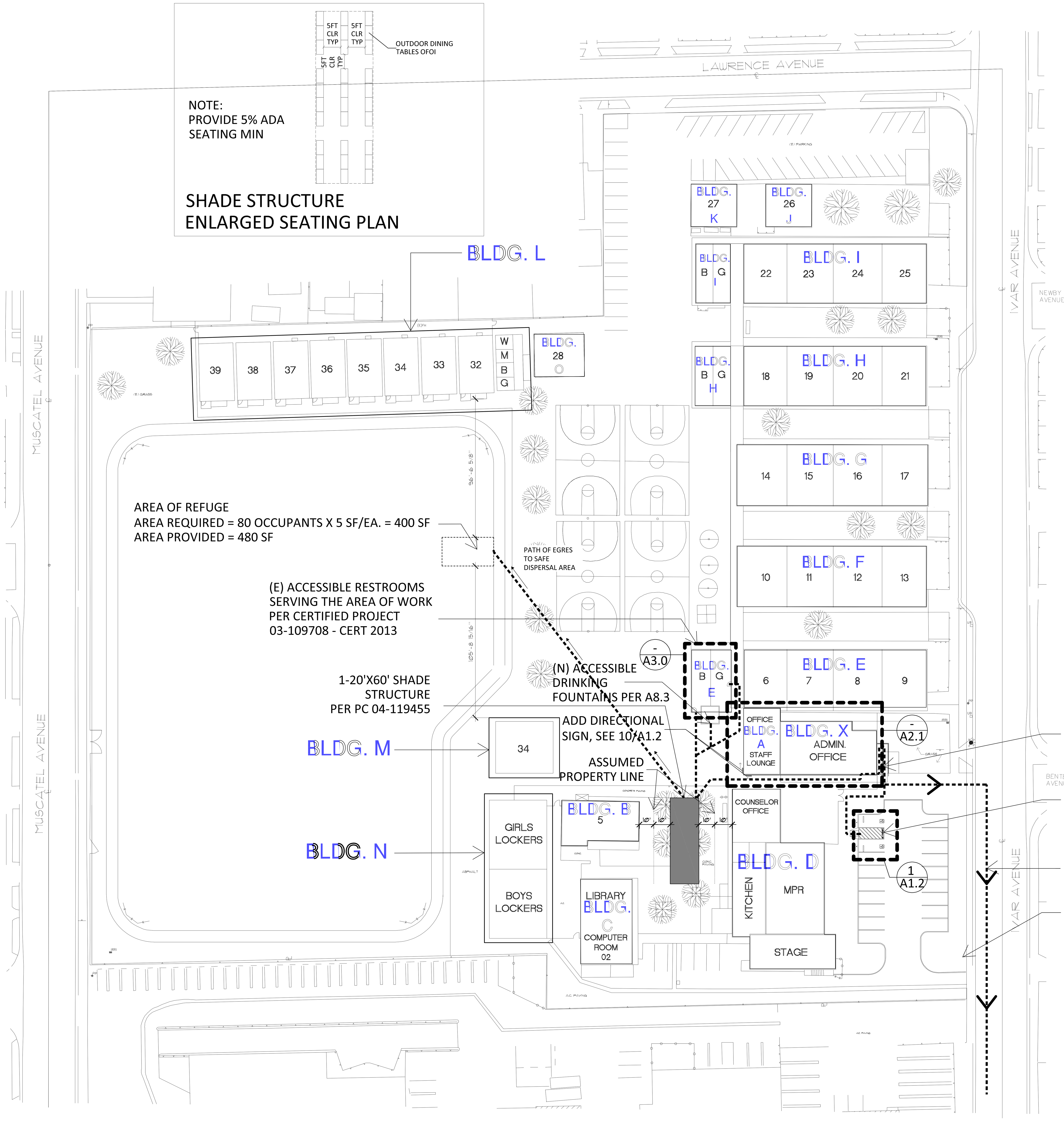


ACCESSIBILITY NOTES

1. SITE WALKWAYS SHALL PROVIDE A BARRIER FREE PATH OF TRAVEL FOR A PERSON IN A WHEELCHAIR.THE PATH OF TRAVEL SHALL BE A HARD, DURABLE AND SLIP RESISTANT ROUTE A MINIMUM OF 48 INCHES IN WIDTH (11B-403.5.1 EXCEPTION 3) AND WITH A MAXIMUM GRADIENT SLOPE OF 5% AND MAXIMUM CROSS-SLOPE OF 2% (11B-403.3) ABRUPT CHANGES IN LEVEL SHALL NOT EXCEED A BEVELED SLOPE OF 1:2 WITH A 1/2" IN VERTICAL HEIGHT AND 1/4" MAXIMUM IN VERTICAL DIFFERENTIAL LEVELS. CONCRETE FINISH SHALL BE STABLE, FIRM AND SLIP-RESISTANT (11B-302).

2. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING ½" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING ¼" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL

3. GATES IN THE PATH OF TRAVEL SHALL HAVE ACCESSIBLE HARDWARE AND KICK PLATES.

4. FOR ALL SITE GRADIENTS SEE CIVIL PLANS

PATH OF TRAVEL STATEMENT

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIOINS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BENN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION TRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE CONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

ACCESSIBLE PARKING SPACE TABULATION

TOTAL # OF PARKING SPACES = 18
TOTAL # OF REQUIRED ACCESSIBLE STALLS PER TABLE 11B-208.2 = 1
VAN ACCESSIBLE REQUIRED STALLS = 1

TOTAL PROVIDED = 2 ACCESSIBLE STALLS (1 VAN ACCESSIBLE)

NOTE: BUILDING LETTER DESGINATIONS ON THIS PLAN DO NOT CORRESPOND WITH DSA BUILDING DESIGNATIONS

N

ROSEMEAD SCHOOL DISTRICT
MUSCATEL MS
4201 IVAR AVENUE, ROSEMEAD, CA 91770

LEGEND

PATH OF TRAVEL

LICENSED ARCHITECT HELENA L. JUBANY 22214 STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
4201 IVAR AVENUE
ROSEMEAD CA 91770

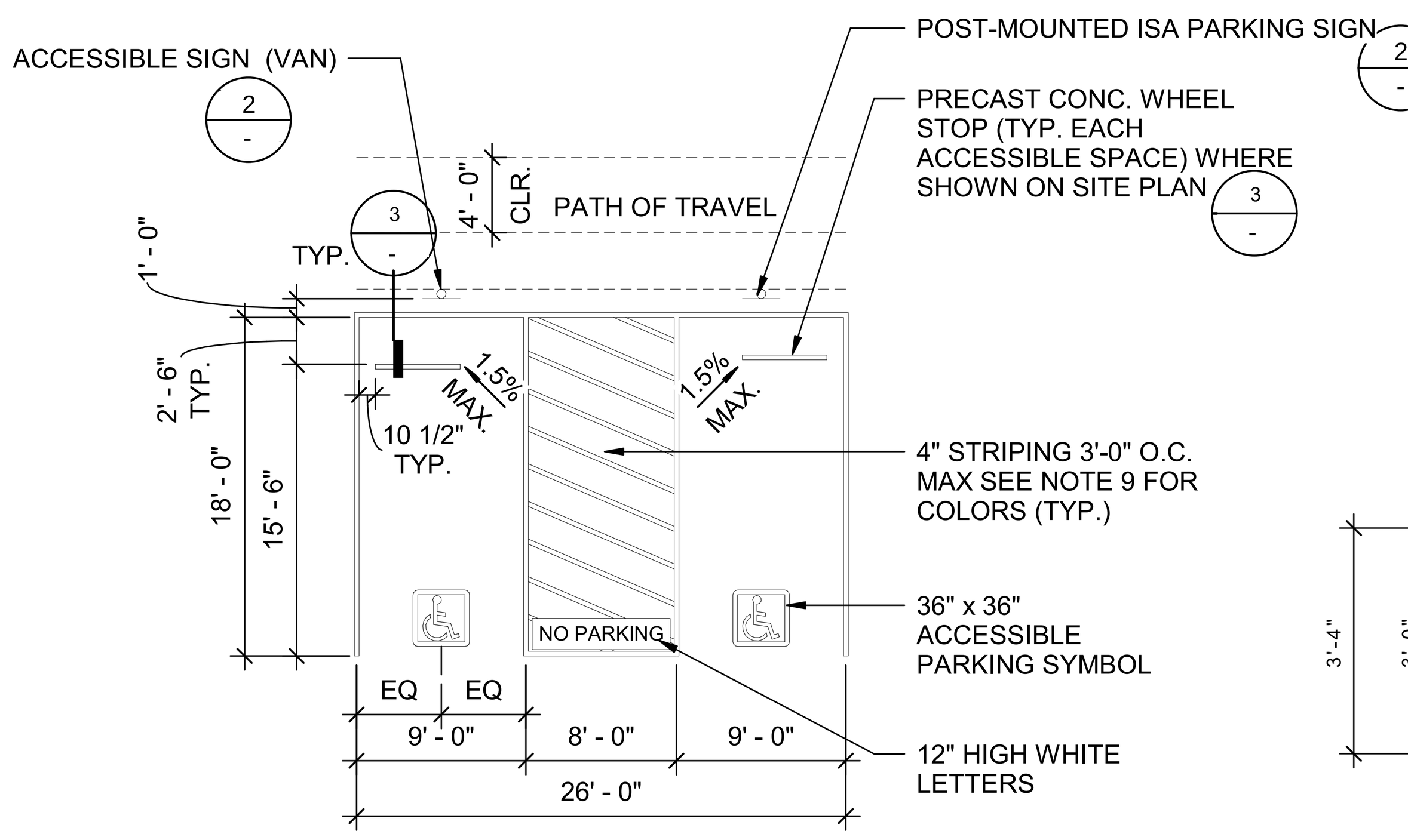
JUBANY NAC ARCHITECTURE

NAC NO	161-22133
FILE	DSA SUBMITTAL
DRAWN	-
CHECKED	-
DATE	01-18-2023

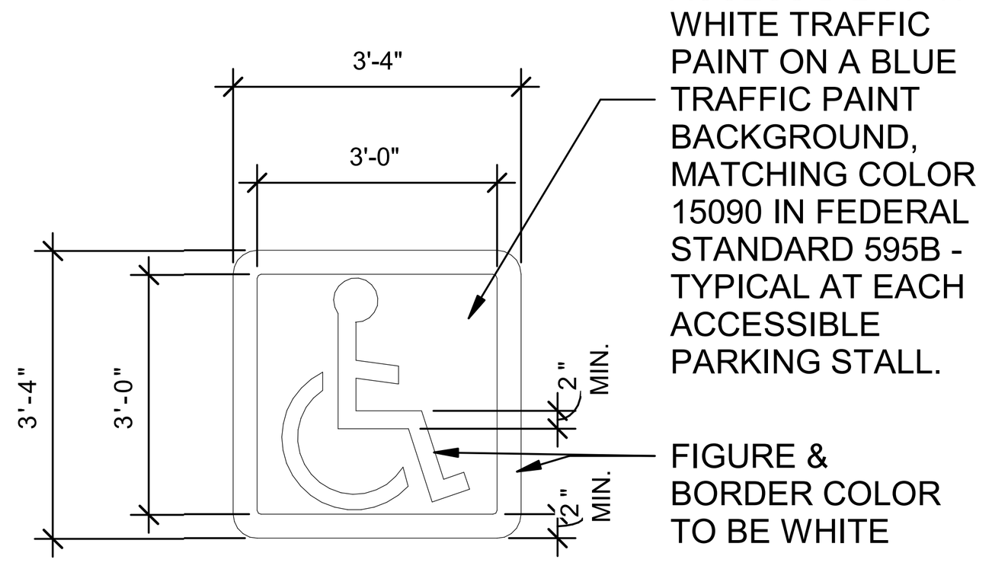
SITE PLAN
SCALE: 1/32"=1'-0"

A1.1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023



DOUBLE ACCESSIBLE PARKING SPACE

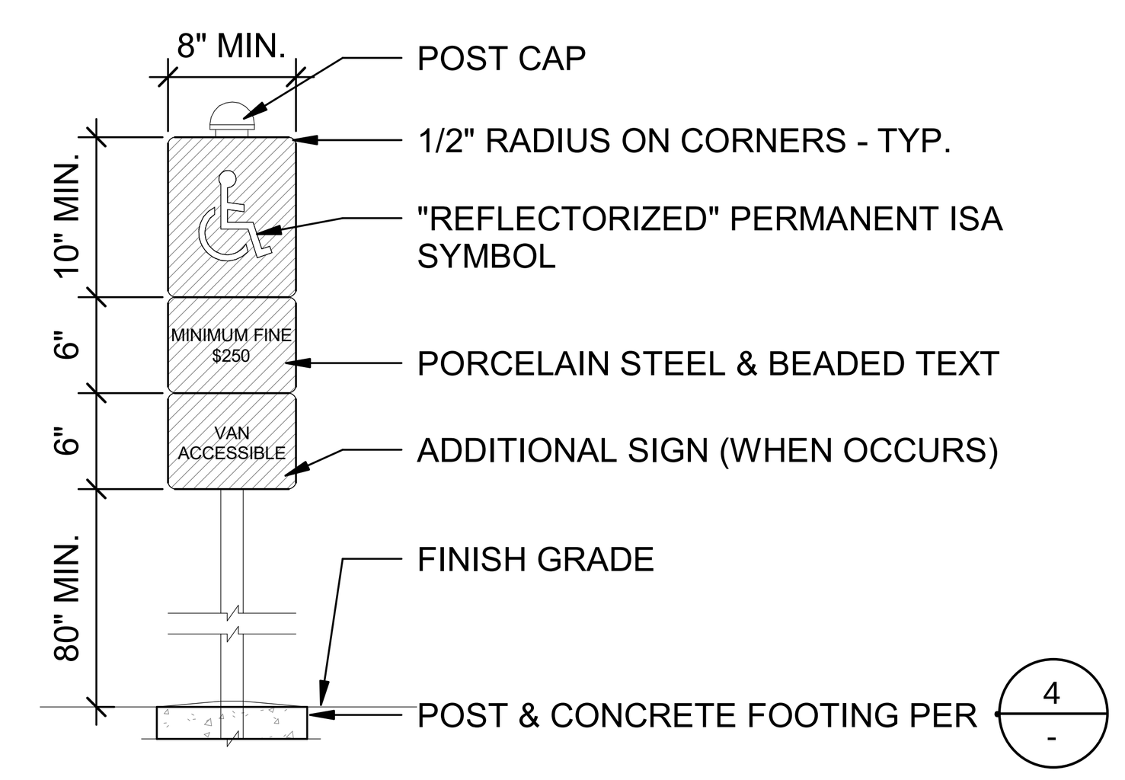


ACCESSIBLE PARKING SYMBOL

NOTES

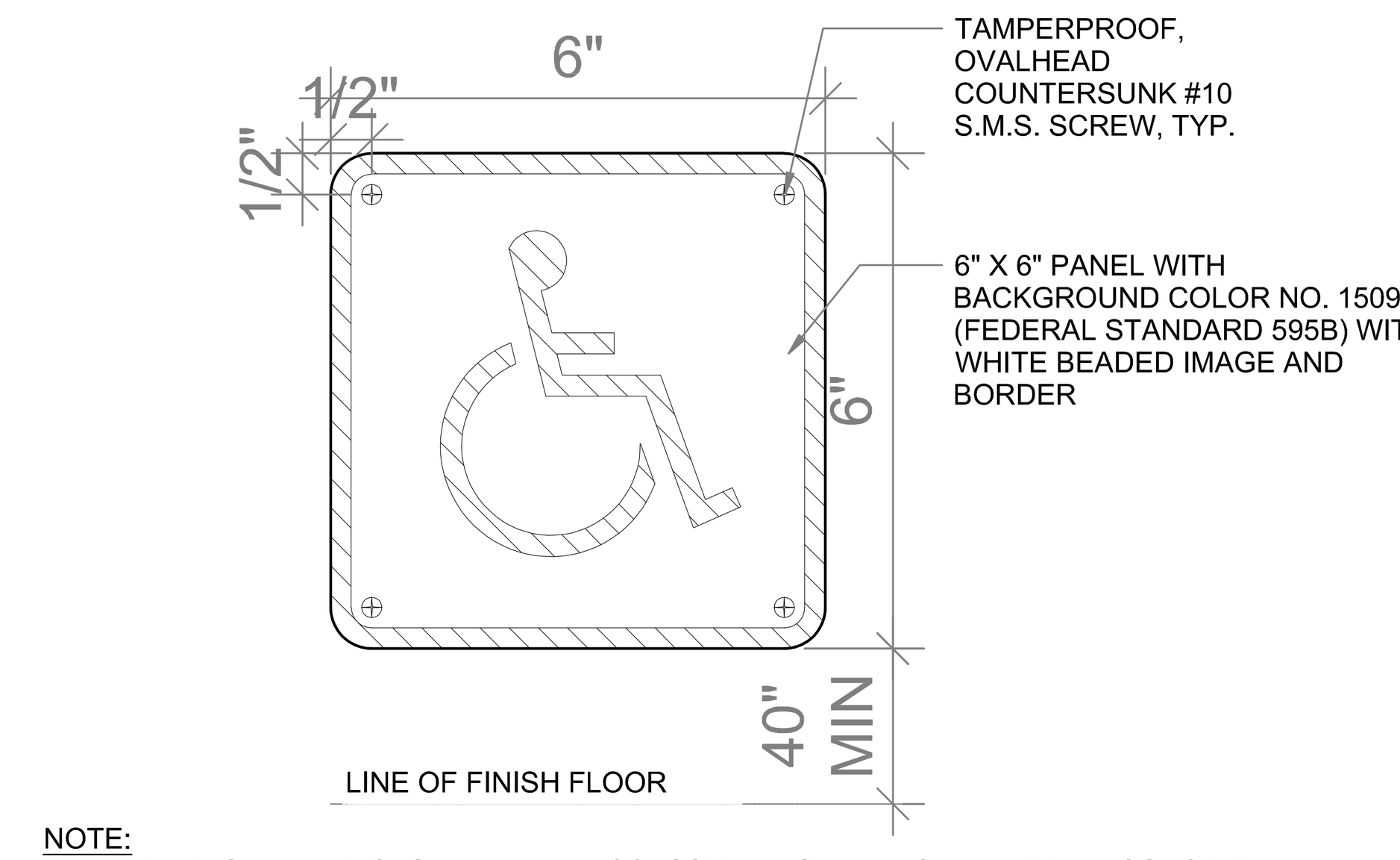
1. A CONCRETE CUTTING SAW SHALL BE USED TO SAWCUT ALL EXISTING PAVEMENT ALONG LINES OF REMOVAL, WHERE NEW PAVEMENT IS TO ADJOIN EXISTING.
2. OVERLAP SEALER COAT A MINIMUM OF 12" BEYOND JOINT LINES, WHERE NEW PAVEMENT ABUTTS EXISTING.
3. ALL SURFACES SHALL PROVIDE POSITIVE DRAINAGE FREE FROM DEPRESSIONS AND SHALL BE FLOODED AS NECESSARY TO VERIFY DRAINAGE CHARACTERISTICS.
4. DUST SHALL BE CONTROLLED BY WATERING.
5. PATCH, REPAIR AND/OR RECONSTRUCT ALL DAMAGED AREAS OF EXISTING PAVING TO MATCH ADJACENT SURFACES.
6. REFER TO ELECTRICAL AND PLUMBING DRAWINGS PRIOR TO EXCAVATING, TRENCHING OR GRADING OPERATIONS. VERIFY LOCATIONS AND DEPTHS OF UTILITIES AND PROTECT THROUGH-OUT THE WORK.
7. SCORE CONCRETE WALKS AND RAMPS AS INDICATED. EQUAL SPACES BETWEEN EXPANSIONS JOINTS.
8. DOUBLE LINES ACROSS CONCRETE WALKS INDICATE EXPANSION JOINTS AT 20'-0" O.C. MAXIMUM.
9. STRIPING & LETTERING SHALL BE 2 COATS OF WHITE TRAFFIC PAINT APPLIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. ALL LETTERING TO BE 12" HIGH WITH 1-1/2" WIDE STROKE. ALL STRIPING 4" WIDE. ALL STRIPING TO BE APPLIED WITH CUTOUTS & TEMPLATES WITHOUT FUZZINESS OR WAVINESS.
10. SEE SITE PLAN FOR OVERALL LAYOUT.
11. THESE DETAILS ARE FOR REFERENCE AND DIMENSION CONTROL ONLY.
12. 8' ACCESS AISLE SHALL BE PLACED ON THE PASSENGER SIDE OF A VAN ACCESSIBLE SPACE.
13. ALL DIMENSIONS ARE TO CENTERLINE OF STRIPE INLESS OTHERWISE INDICATED.
14. PARKING SPACE AND ACCESS AISLE SHALL HAVE A MAXIMUM SLOPE OF 1.5% IN ANY DIRECTION.
15. POLE SIGNAGE SHALL NOT BE PLACED IN A PATH OF TRAVEL.
16. IF POLE INSTALLED NECT TO ACESSIBEL WALK PROVIDE 1'-0: MIN. CLEAR.
17. PER CH 11B-502.2 EXCEPTION: VAN PARKING SPACES SHALL BE PERMITED TO BE 108 INCHES WIDE MINIMUM WHERE THE ACCESS AISLE IS 96 INCHES WIDE MINIMUM.

1 PARKING STRIPING
N.T.S.



NOTE:
TEXT AND SYMBOLS TO BE COLOR WHITE ON BLUE BACKGROUND-TYPICAL

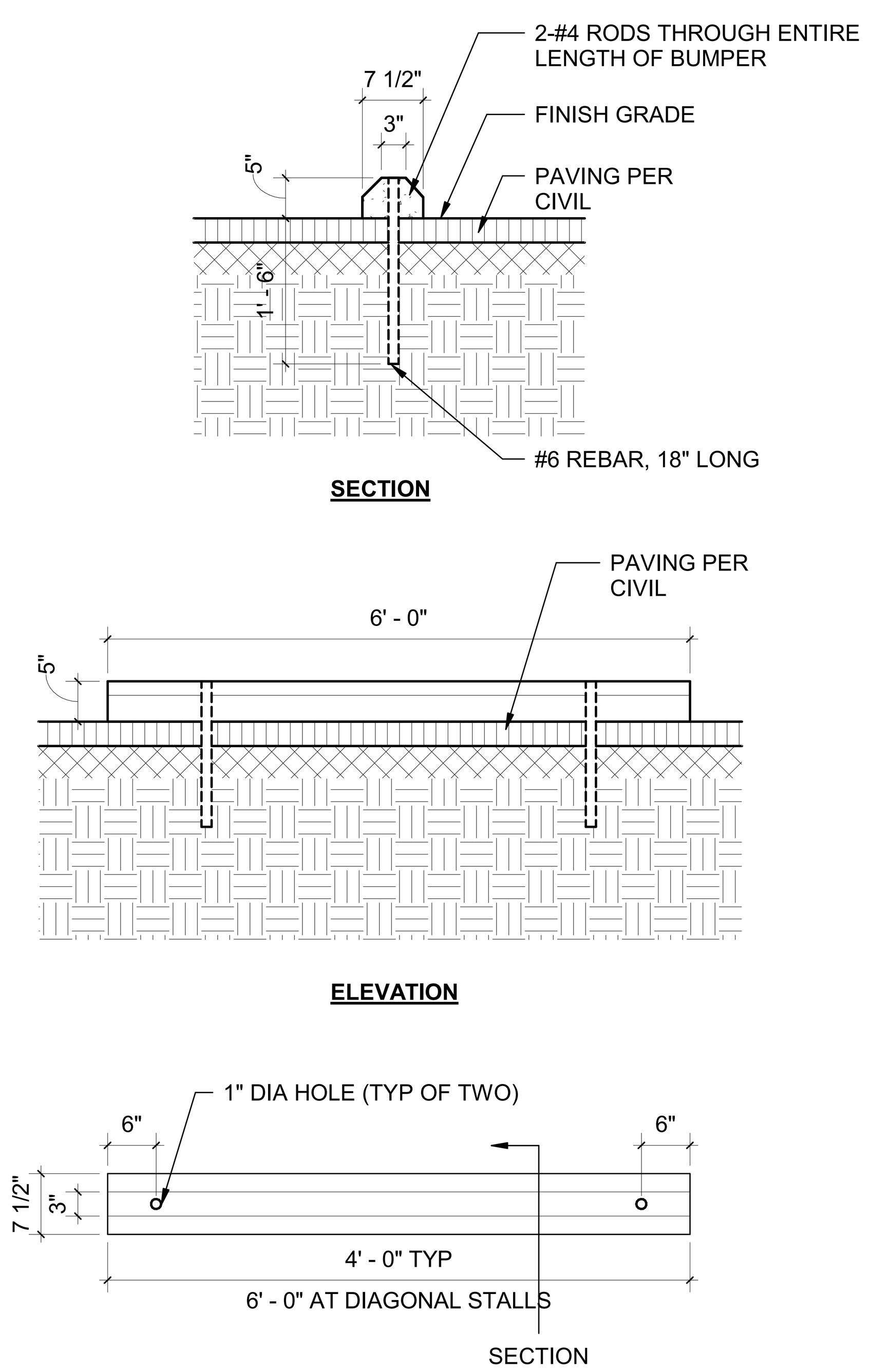
2 ACCESSIBLE PARKING SIGN
Scale: 1" = 1'-0"



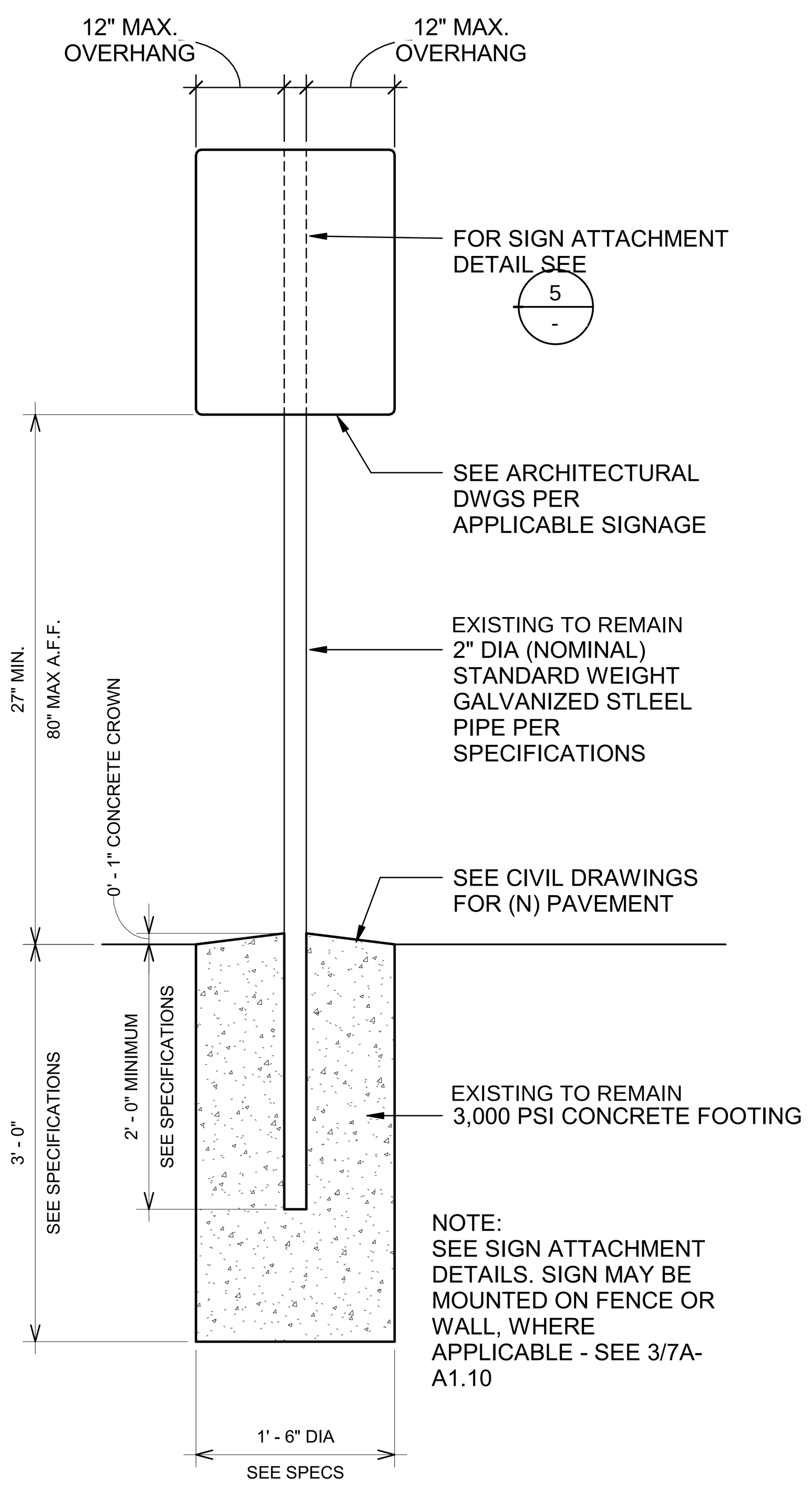
NOTE:
ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN, TO BE VISIBLE TO PERSONS APPROACHING FROM PEDESTRIANS WAYS.

ISA (INTERNATIONAL SYMBOL OF ACCESSIBILITY) SHALL COMPLY WITH CBC 11B-703.7 & CBC FIGURE 11B-703.7.2.1 (PROPORTIONS), TYP.

11 INTERNATIONAL SYMBOL OF ACCESSIBILITY
Scale: 6" = 1'-0"

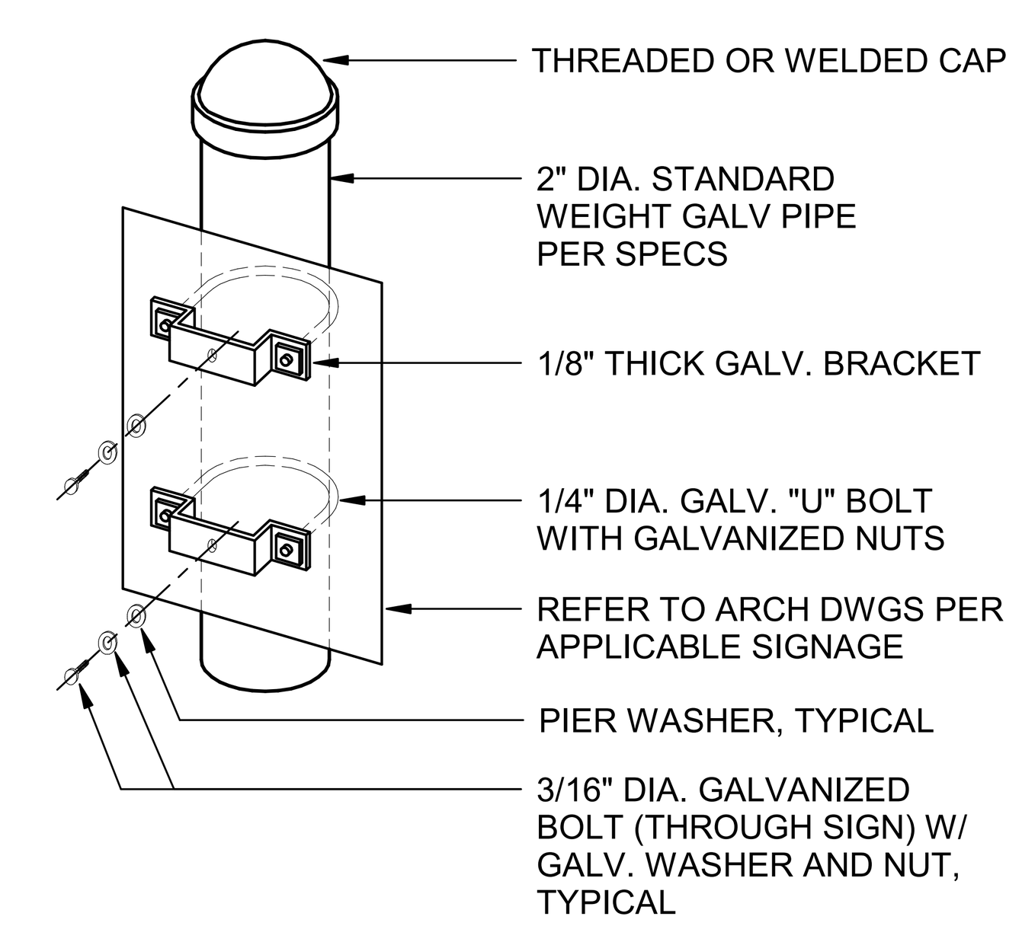


3 CONCRETE WHEEL STOP SECTION/PLAN
Scale: 3/4" = 1'-0"

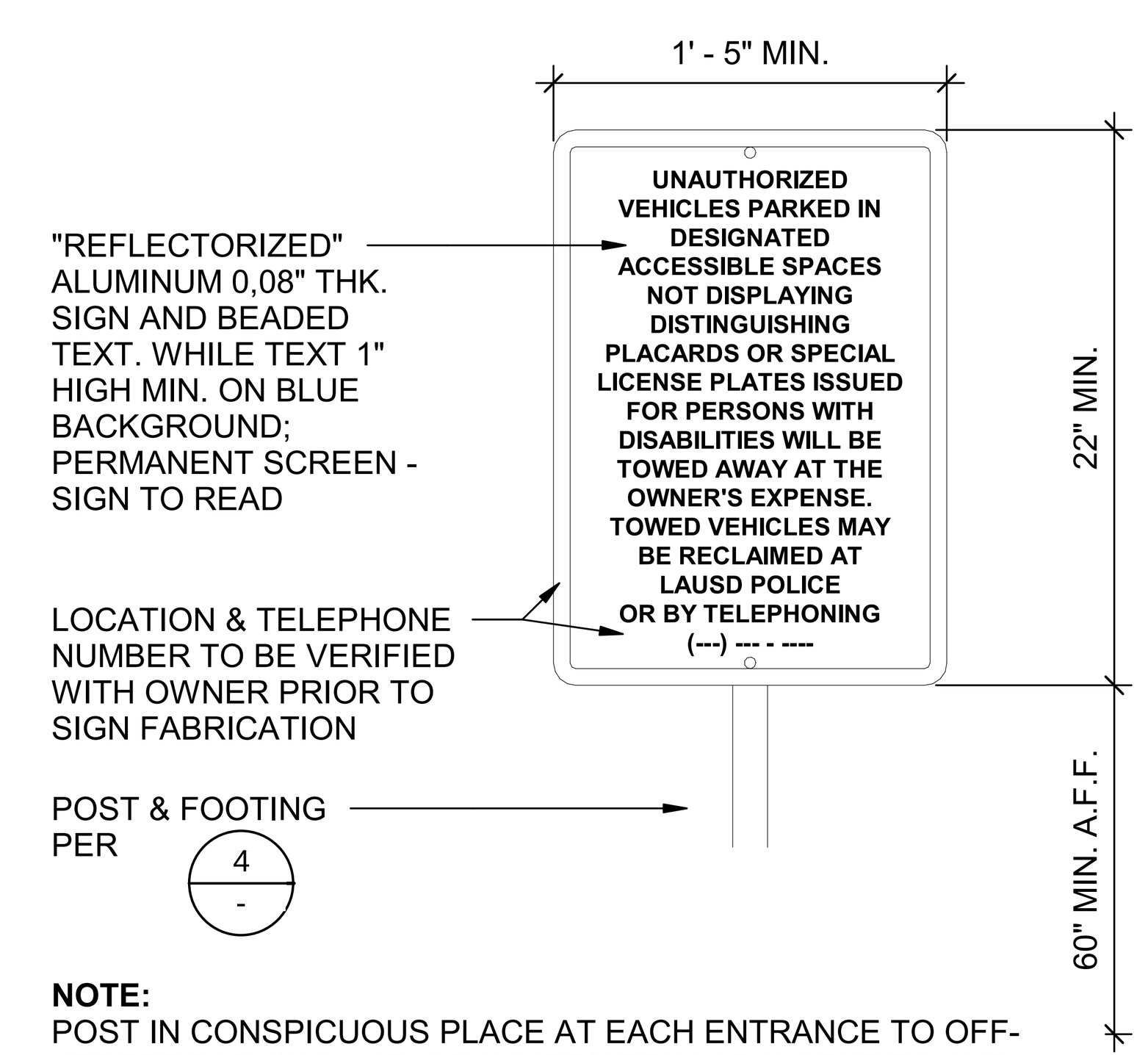


NOTE:
SEE SIGN ATTACHMENT DETAILS. SIGN MAY BE MOUNTED ON FENCE OR WALL, WHERE APPLICABLE - SEE 3/7A-A1.10

4 POST MOUNTED SIGN - TYPE 3
Scale: 1" = 1'-0"



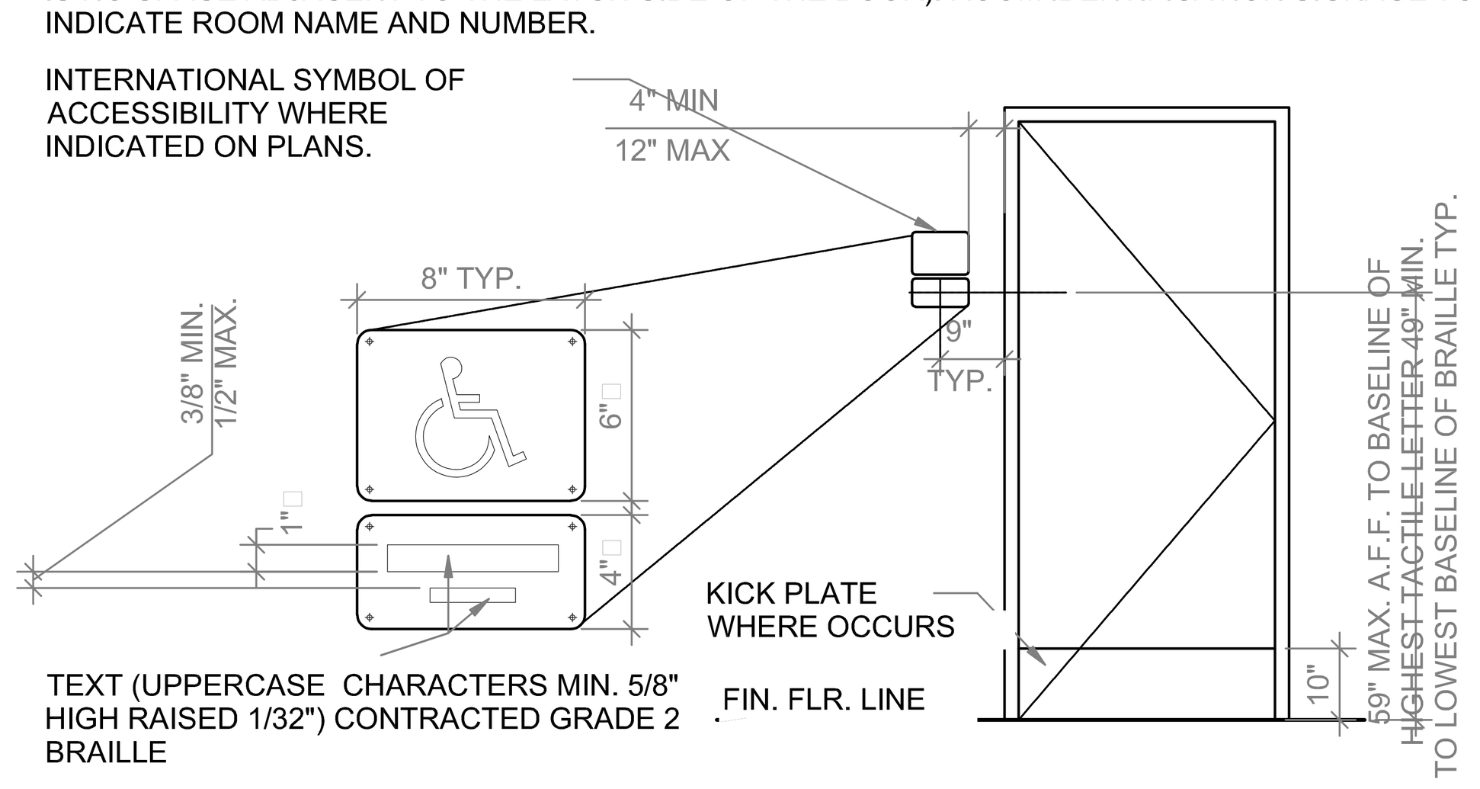
5 SIGN ATTACHMENT DETAIL - TYPE 1
Scale: 1" = 1'-0"



NOTE:
POST IN CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING LOT, OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH DESIGNATED STALL. SIGN SHALL NOT OBSTRUCT PASSAGE FROM PARKING STALL OR ANY WALKWAY. ALL LETTERS MUST BE PERMANENT PART OF SIGN. DECALS/STICKERS ARE NOT ACCEPTABLE.

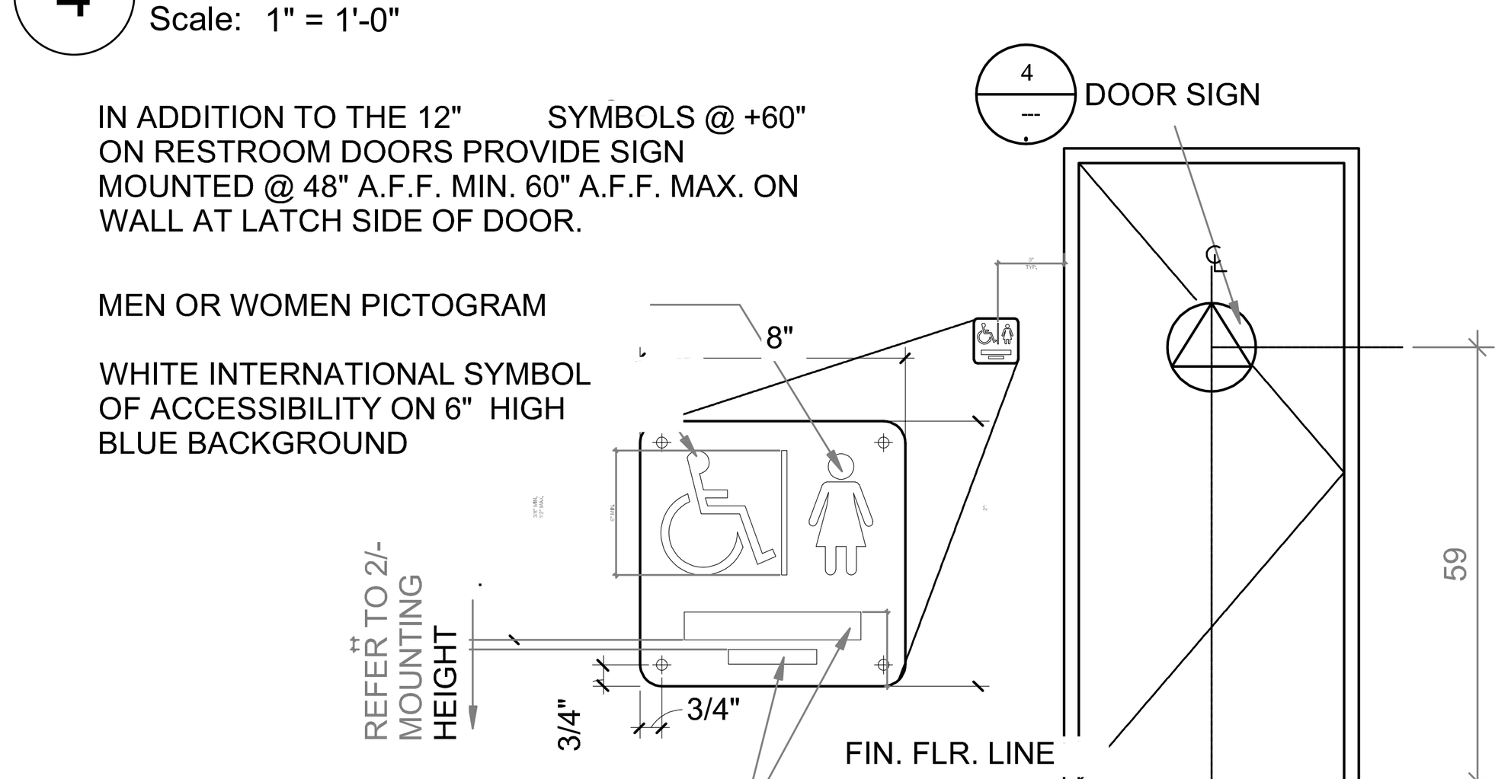
6 TOW AWAY PARKING LOT SIGN
Scale: 1 1/2" = 1'-0"

PERMANENT ROOM IDENTIFICATION SIGNAGE TO BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. MOUNTING LOCATION MUST ALLOW A PERSON TO APPROACH WITHIN 3" WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING PATH OF THE DOOR. (PLACE SIGN NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT, WHERE THERE IS NO SPACE ADJACENT TO THE LATCH SIDE OF THE DOOR). ROOM IDENTIFICATION SIGNAGE TO INDICATE ROOM NAME AND NUMBER.



7 ROOM NAME & NUMBER SIGN MOUNTING HEIGHT
Scale: NTS.

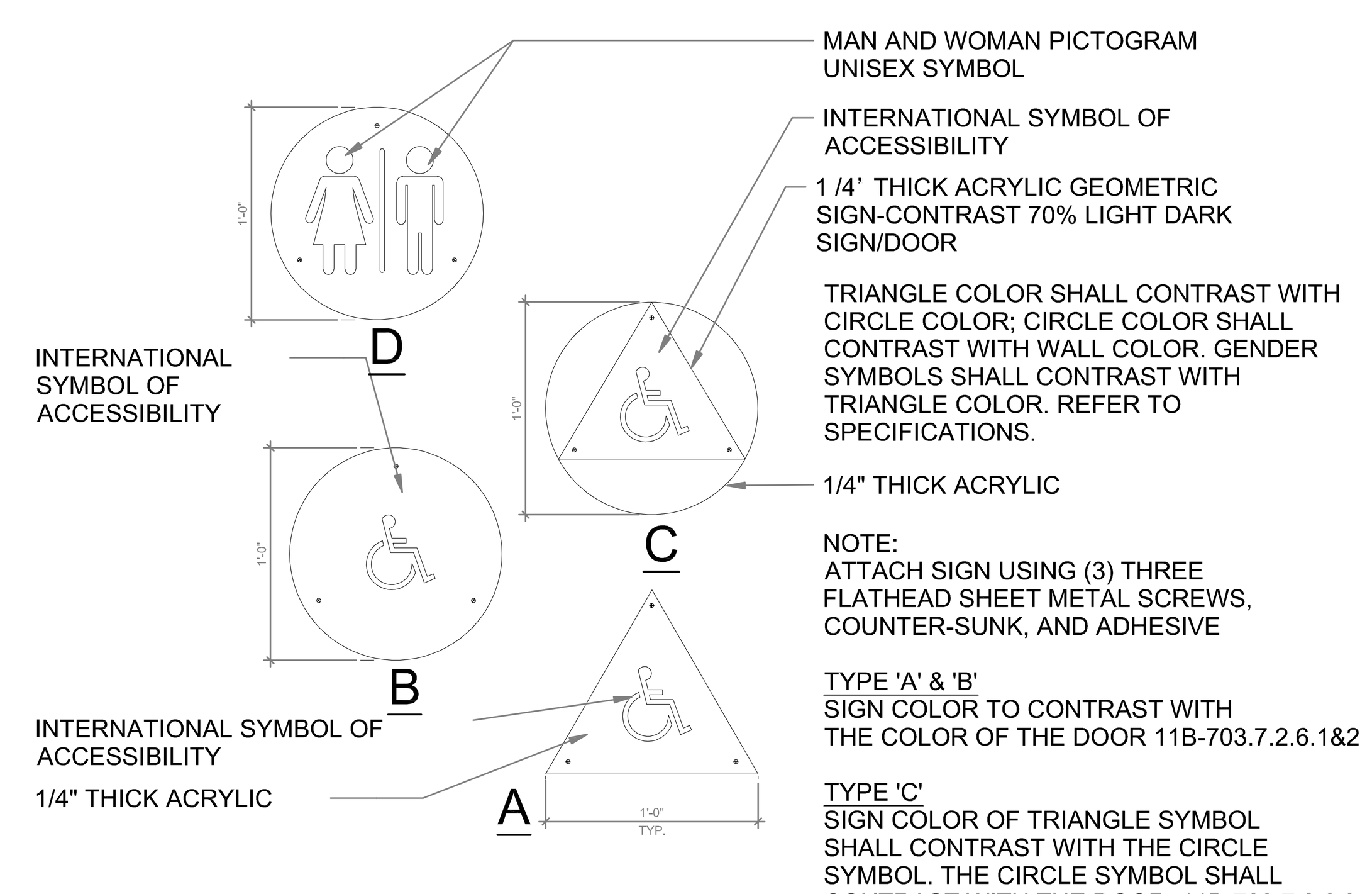
IN ADDITION TO THE 12" SYMBOLS @ +60" ON RESTROOM DOORS PROVIDE SIGN MOUNTED @ 48" A.F.F. MIN. 60" A.F.F. MAX. ON WALL AT LATCH SIDE OF DOOR.



TEXT (UPPERCASE CHARACTERS MIN. 5/8" HIGH RAISED 1/32") CONTRACTED GRADE 2 BRAILLE

RAISED CHARACTER (1) & BRAILLE (2) ON RESTROOM IDENTIFICATION SIGN; COMPLY WITH *TACTILE* SIGN REQUIREMENTS & *VISUAL* SIGN REQUIREMENTS (11B-703.5); BOTH RAISED CHARACTERS AND BRAILLE SHALL BE CENTERED ON THE SIGN TO ENSURE 18"x18" CLEAR APPROACH AREA IS MAINTAINED.

8 RESTROOM WALL SIGN MOUNTING HEIGHT
Scale: 1/2" = 1'-0"



TRIANGLE COLOR SHALL CONTRAST WITH CIRCLE COLOR; CIRCLE COLOR SHALL CONTRAST WITH WALL COLOR. GENDER SYMBOLS SHALL CONTRAST WITH TRIANGLE COLOR. REFER TO SPECIFICATIONS.

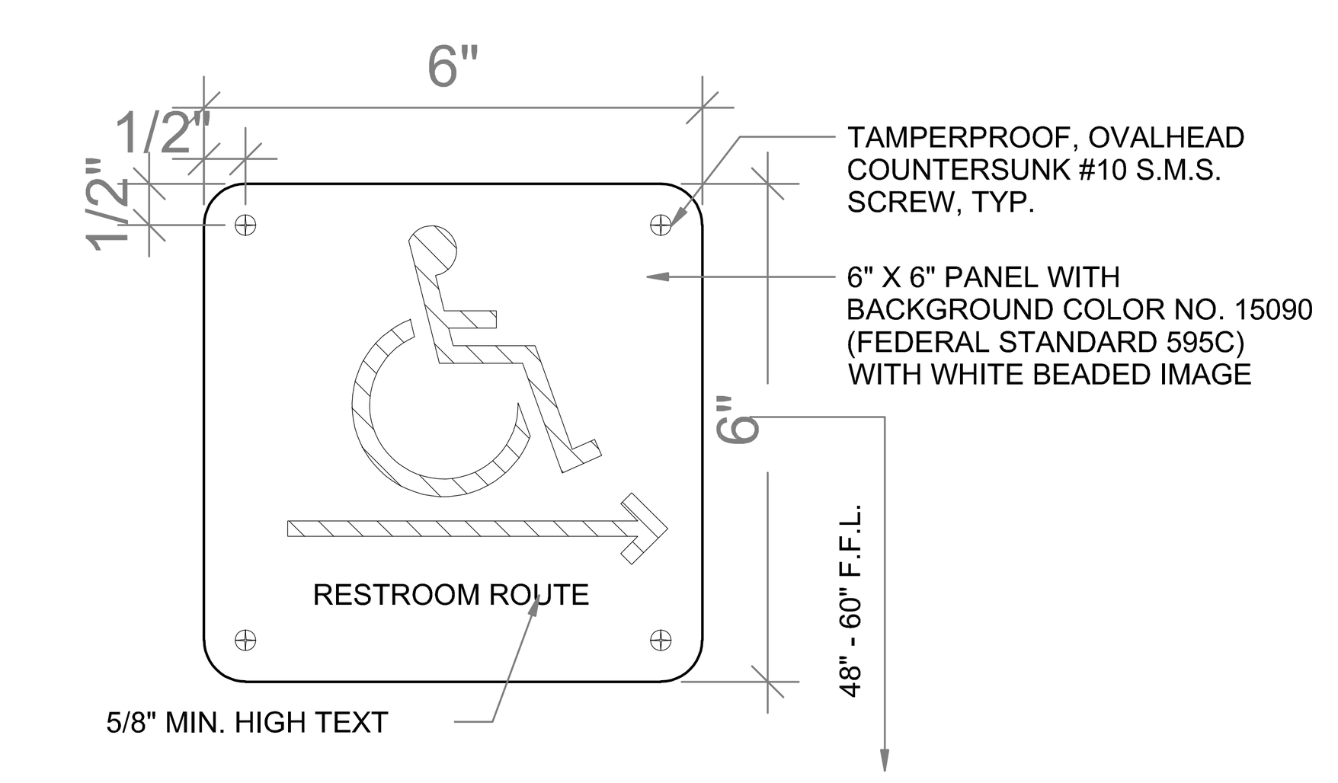
1/4" THICK ACRYLIC

NOTE:
ATTACH SIGN USING (3) THREE FLATHEAD SHEET METAL SCREWS, COUNTER-SUNK, AND ADHESIVE

TYPE 'A' & 'B'
SIGN COLOR TO CONTRAST WITH THE COLOR OF THE DOOR 11B-703.7.2.6.1&2

TYPE 'C'
SIGN COLOR OF TRIANGLE SYMBOL SHALL CONTRAST WITH THE CIRCLE SYMBOL. THE CIRCLE SYMBOL SHALL CONTRAST WITH THE DOOR, 11B-703.7.2.6.3

9 RESTROOM DOOR SIGNS
Scale: 1 1/2" = 1'-0"



NOTE:
VISUAL CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 10 PERCENT MINIMUM AND 20 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER

CHARACTER HEIGHT TO BE 5/8" MIN. AND 2" MAX BASED ON THE HEIGHT OF THE UPPERCASE "T" CBC 11B-703.2.5

ISA (INTERNATIONAL SYMBOL OF ACCESSIBILITY) SHALL COMPLY WITH CBC 11B-703.7 & CBC FIGURE 11B-703.7.2.1 (PROPORTIONS), TYP.

10 RESTROOM DIRECTIONAL SIGNAGE
Scale: 6" = 1'-0"

LICENSED ARCHITECT
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22214
STATE OF CALIFORNIA

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ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
4201 IVAR AVENUE
ROSEMEAD CA 91770

JUBANY NAC ARCHITECTURE

NAC NO	161-22133
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A1.2

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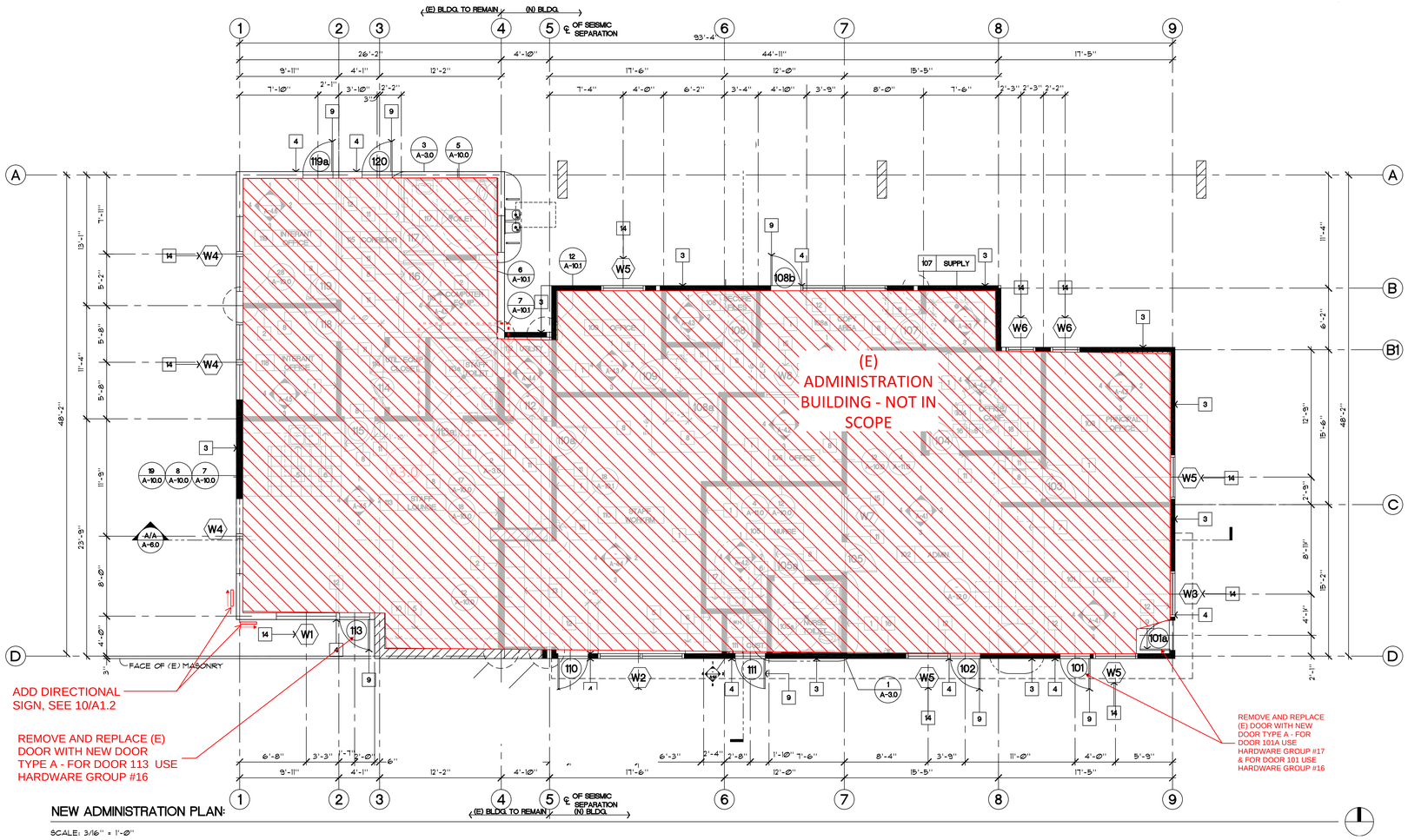

NEW ADMINISTRATION PLAN:

SCALE: 3/16" = 1'-0"

DOOR TYPE A

LICENSED ARCHITECT
HELENA L. JUBANY
22214
RENEWAL 8-31-23
STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
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PARK ROSEMEAD
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ROSEMEAD CA 91770

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831 N. SPRING ST | LOS ANGELES CA 90012-2323 | P: 323.478.9070 | F: 323.850.1110
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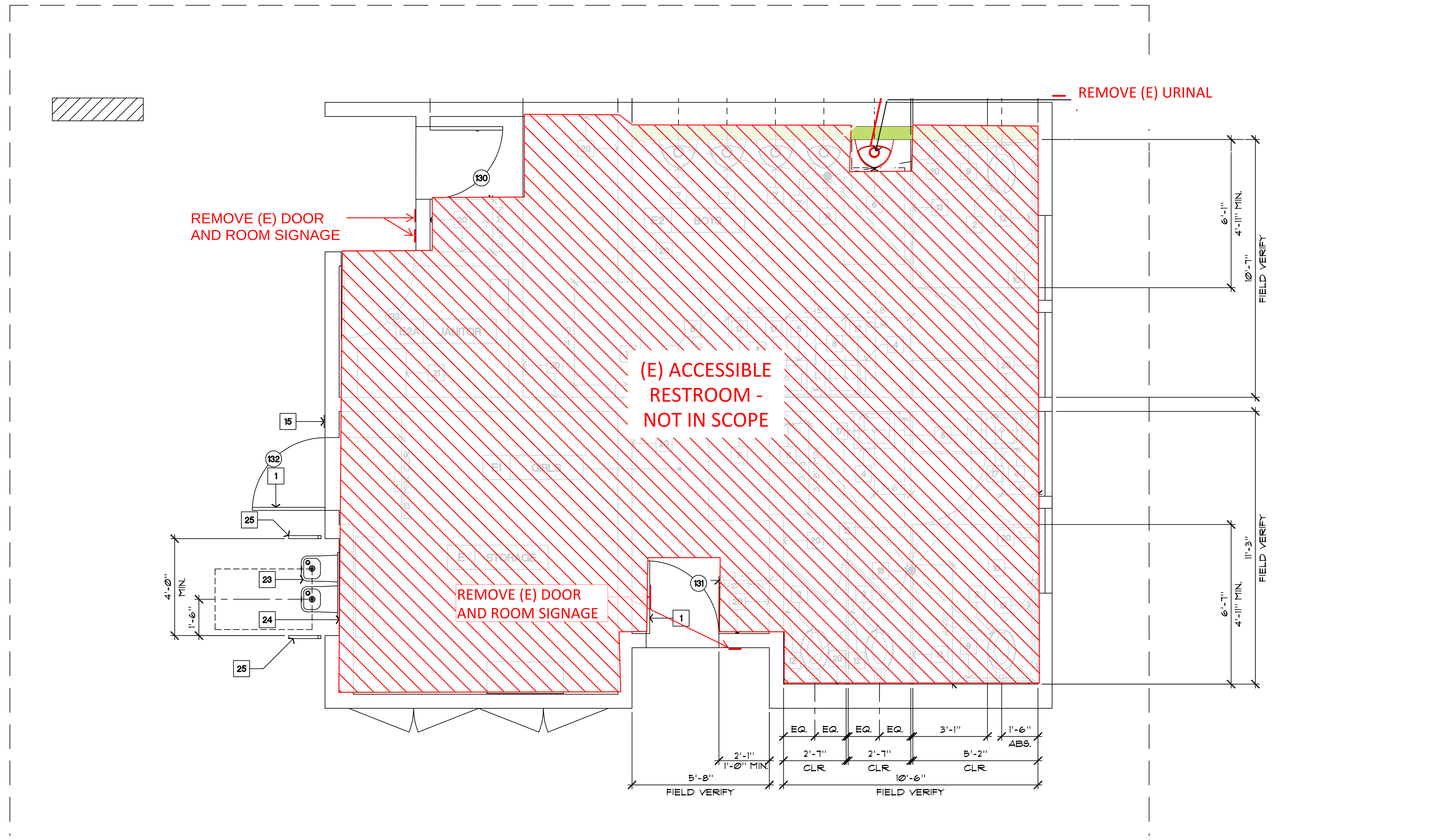
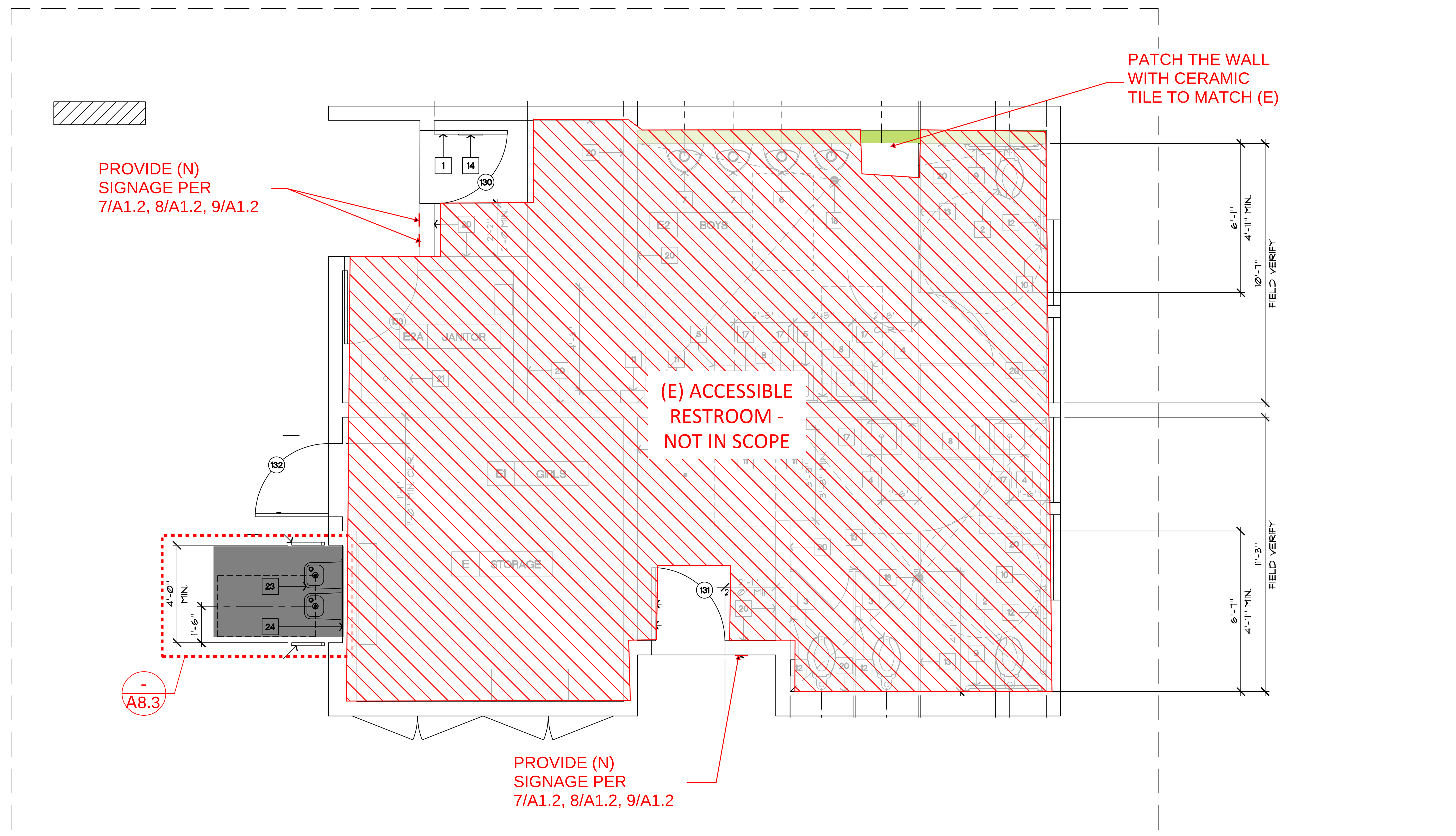


DEMO ENLARGED PLAN: BLDG. E - BOYS AND GIRLS TOILET ROOMS

SCALE: 3/8" = 1'-0"



NEW ENLARGED PLAN: BLDG. E - BOYS AND GIRLS TOILET ROOMS

SCALE: 3/8" = 1'-0"

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LICENSED ARCHITECT HELENA L. JUBANY 22214 REN. 5-31-23 STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
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A3.1

ELKAY SPECIFICATIONS

Elkay ezH2O Vandal-Resistant Bottle Filling Station
& Bi-Level Reverse Cooler
Non-Filtered Refrigerated Stainless
Model VRCTLR8WSK

PRODUCT SPECIFICATIONS

Elkay ezH2O® Vandal-Resistant Bottle Filling Station, & Bi-Level Reverse Cooler, Non-Filtered Refrigerated Stainless. Chilling Capacity of 8.0 GPH (gallons per hour) of 50° F drinking water, based on 80° F inlet water and 90° F ambient, per ASHRAE 18 testing. Features shall include Green Ticker™, Laminar Flow, Real Drain, Vandal Resistant. Furnished with Vandal Resistant bubbler. Electronic Bottle Filler Button with Mechanical Front Bubbler Button activation. Product shall be Wall Mount (On Wall), for Indoor + Outdoor applications, serving 2 station(s). Unit shall be certified to UL 399 and CAN/CSA C22.2 No. 120. Unit shall be lead-free design which is certified to NSF/ANSI 61 & 372 (lead free) and meets Federal and State low-lead requirements.

Special Features:	Green Ticker™, Laminar Flow, Real Drain, Vandal Resistant
Finish:	Stainless Steel
Power:	115V/60Hz
Bubbler Style:	Vandal Resistant
Activation by:	Electronic Bottle Filler Button with Mechanical Front Bubbler Button
Mounting Type:	Wall Mount (On Wall)
Chilling Capacity*:	8.0 GPH
Full Load Amps	1
Rated Watts:	370
Dimensions (L x W x H):	36-1/8" x 18-5/8" x 38-13/16"
Approx. Shipping Weight:	118 lbs.
Installation Location:	Indoor + Outdoor
No. of Stations Served:	2

*Based on 80° F inlet water & 90° F ambient air temp for 50° F chilled drinking water.

**When used in non-temperature controlled environments, unit(s) must be adequately winterized and/or protected from extreme heat to prevent damage where climates dictate.

Included with Product: **Water Cooler (VRCTLR8WSC), Bottle Filler (VRCWS)**

▼ **Ships in multiple boxes.**

AMERICAN PRIDE. A LIFETIME TRADITION.
Like your family, the Elkay family has values and traditions that endure. For almost a century, Elkay has been a family-owned and operated company, providing thousands of jobs that support our families and communities.

PRODUCT COMPLIANCE

ADA & ICC A117.1
ASME A112.19.3/CSA B45.4
Buy American Act
CAN/CSA C22.2 No. 120
GreenSpec®
NSF/ANSI 61 & 372 (lead free)
UL 399

Complies with ADA & ICC A117.1 accessibility requirements when installed according to the requirements outlined in these standards. Installation may require additional components and/or construction features to be fully compliant. Consult the local Authority Having Jurisdiction if necessary.

- Mechanically-Activated bubbler continues to supply water in event of service disruptions.
- Green Ticker: Informs user of number of 20 oz. plastic water bottles saved from waste.
- Laminar flow provides clean fill with minimal splash.
- Real Drain System eliminates standing water.

COOLING SYSTEM

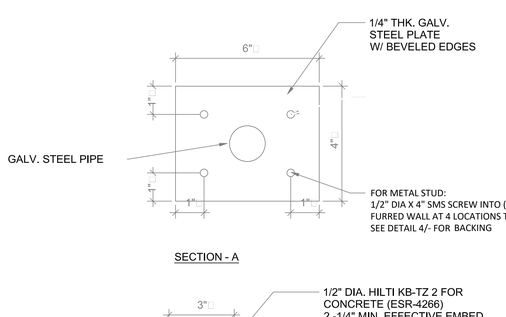
- Compressor: Hermetically-sealed, reciprocating type, single phase. Sealed-in lifetime lubrication.
- Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.
- Cooling Unit: Combination tube-tank type. Continuous copper tubing with is fully insulated with EPS foam that meets UL requirements for self-extinguishing material.
- Refrigerant Control: Refrigerant R-134a is controlled by

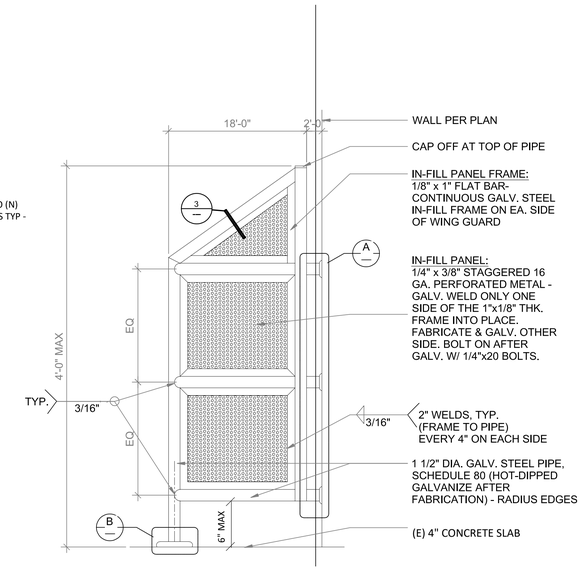
PART:_____QTY: _____
PROJECT:_____
CONTACT:_____
DATE:_____
NOTES:_____
APPROVAL:_____

Installation Instructions (PDF)

5 Year Limited Warranty on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. **Warranty pertains to drinking water applications only. Non-drinking water applications are not covered under warranty.**
Warranty (PDF)

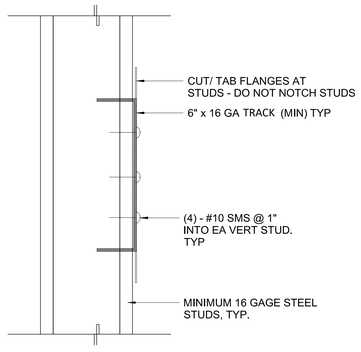
In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.



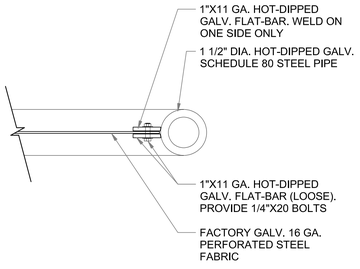


2 WING GUARD - INTERIOR
Scale: 1 1/2" = 1'-0"

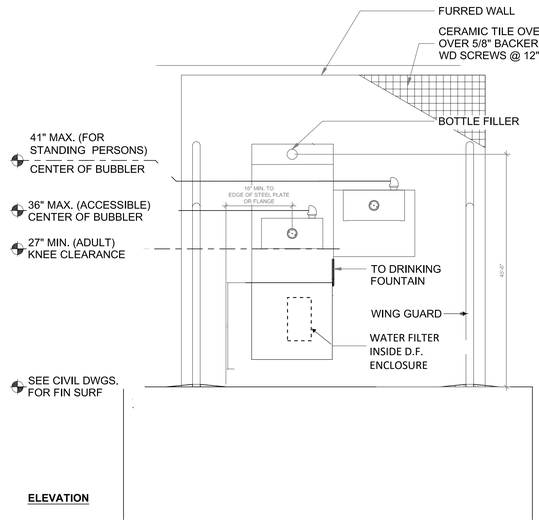
PLAN VIEW



4 BACKING PLATE SECTION, TYP.
Scale: 1" = 1'-0"



3 PERFORATED PANEL FRAME
Scale: 3" = 1'-0"



SECTION

1 INTERIOR DUAL HT DRINKING FOUNTAIN - CONCRETE
Scale: 1" = 1'-0"

ACCESSIBLE DUAL-HEIGHT DRINKING FOUNTAIN NOTES:

1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. REFER TO WALL TYPE PER ARCHITECTURAL PLANS.
3. REFER TO TITLE 24, CCR TABLE FOR HIGH SCHOOL ACCESSIBLE DIMENSION REQUIREMENTS.
4. GRIND SMOOTH ALL WELD AND GALV. METAL AFTER FABRICATION.
5. FABRICATION OF PROTECTIVE WING WALL/RAILINGS SHALL BE PERFORMED IN CONFORMANCE TO C.B.C.-TITLE 24 REQUIREMENT, THE "AMERICAN WELDING SOCIETY (A.W.S.) AND THE STRUCTURAL WELDING CODE.
6. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO ANY FABRICATION.
7. FABRICATION SHALL BE PERFORMED IN AN APPROVED SHOP.
8. ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER. NO FIELD WELDING SHALL BE ALLOWED.
9. THE SPOUT SHALL PROVIDE A FLOW OF WATER AT LEAST 4 INCHES (102MM) HIGH MINIMUM AND SHALL BE LOCATED 5 INCHES (127MM) MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES (76MM) OF THE FRONT OF THE UNIT, THE ANGLEOF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES (76MM) AND 5 INCHES (127 MM) MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM. ON AN ACCESSIBLE DRINKING FOUNTAIN WITH A ROUND OR OVAL BOWL, THE SPOUT MUST BE POSITIONED SO THE FLOW OF WATER IS WITHIN 3 INCHES (75MM) OF THE FRONT EDGE OF THE FOUNTAIN

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LICENSED ARCHITECT
HELENA L. JUBANY
22214
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

DRAWINGS, SPECIFICATIONS AND OTHER VISUAL AIDS, AS INSTRUMENTS OF SERVICE FOR THIS PROJECT, ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT FOR WHICH THEY ARE MADE. BE EXECUTED OR NOT, AND THEY ARE NOT TO BE USED FOR ANY OTHER SITE PREPARED, EXCEPT BY AGREEMENT IN WRITING.

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
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JUBANY NAC ARCHITECTURE
837 N. SPRING ST. | LOS ANGELES CA 90012-2923 | P: 323.478.8070 | F: 323.850.3110

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WWW.NACARCHITECTURE.COM

A8.3

FABRIC SHADE STRUCTURE
DSA P.C. 04-119455

SITE SPECIFIC APPLICATION SITE PLAN SHALL INCLUDE:

1. ACTUAL DIMENSIONS OF SHADE STRUCTURES.
2. DIMENSIONS FROM ADJACENT STRUCTURES AND PROXIMITY OF ASSUMED OR ACTUAL PROPERTY LINES.
3. PROVIDE CODE ANALYSIS INCLUDING ACTUAL SHADE STRUCTURE AREA (SQ. FT.), OCCUPANCY TYPE (A-3), AND TYPE OF CONSTRUCTION (V-B). INDICATE OCCUPANT LOAD FACTOR per 2019 CBC, SECTION 1004.
4. INDICATE LOCATIONS OF FIRE EXTINGUISHER WITHIN 75 FEET.
5. SHOW LOCATIONS OF AUDIBLE FIRE ALARM.
6. INDICATE DIMENSIONS FROM THE ROOF TO THE HIGHER STRUCTURE OR TERRAIN FEATURE. MINIMUM DIMENSION OF 20' FOR SNOW LOAD MODEL (ASCE 7-16).
7. ACTUAL SITE ELEVATION (FT.) TO DETERMINE SITE OCCURS AT OR BELOW THE UPPER ELEVATION LIMIT FOR THE GROUND SNOW LOAD SHOWN IN ASCE 7-16 (FOR SNOW LOAD MODEL).
8. FOR RECESSED BASE PLATE (RBP) OPTION: ARCHITECT/ENGINEER OF RECORD TO SPECIFY THE LOWEST ANTICIPATED SERVICE TEMPERATURE (LAST), AS DEFINED IN AISC 341-10 SECTION A.3.4b, A4.1 AND A4.2 PER NOTE ON EACH INDIVIDUAL MODEL ENGINEERING DRAWING WHICH RELATES TO DEMAND CRITICAL WELD AND "L.A.S.T." TEMPERATURE (EITHER STRUCTURAL STEEL NOTE #14).
9. COMPLETE SCOPE OF WORK INCLUDING THE SHADE STRUCTURE MODEL NUMBER, P.C. NUMBER, AND SPECIFIC SIZE OF SHADE STRUCTURE.
10. ALL SADDLES, CLAMPS AND FITTINGS SHALL CONFORM TO THE GUIDELINES AS SPECIFIED IN APPENDICES "A, B & C" RESPECTIVELY IN ASCE 19-16, "STRUCTURAL APPLICATIONS OF STEEL CABLES FOR BUILDINGS."
11. ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN MAPPED GEOLOGIC HAZARD ZONE. GEOHAZARD REPORT REQUIREMENTS PER DSA IR A-4.
12. ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN A MAPPED FIRE HAZARD SEVERITY ZONE OR WILDLAND INTERFACE AREA.

USASHADE & Fabric Structures®
CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX. 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Rosemead U.S.D.

PROJECT NAME:
Muscatel Middle School

LOCATION:
4201 Ivar Ave.
Rosemead, CA 91770

MODEL NUMBER:

GENERAL NOTES

SITE SPECIFIC APPLICATION TITLE SHEET SHALL INCLUDE:

PARTIAL LIST OF APPLICABLE CODES

- 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
  (2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC) , PART 3, TITLE 24 C.C.R.
  (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.,
  (2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
  (2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
  (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R.
  (2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
- 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS
  (PER 2019 CBC, PART 2, CHAPTER 35)

NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES C.C.R. TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 14	STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2016 EDITION
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 20	STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 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	2016 EDITION
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)	2016 EDITION
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 EDITION
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
UL521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 (R2010)
ICC 300	SANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING AND GRANDSTANDS	2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

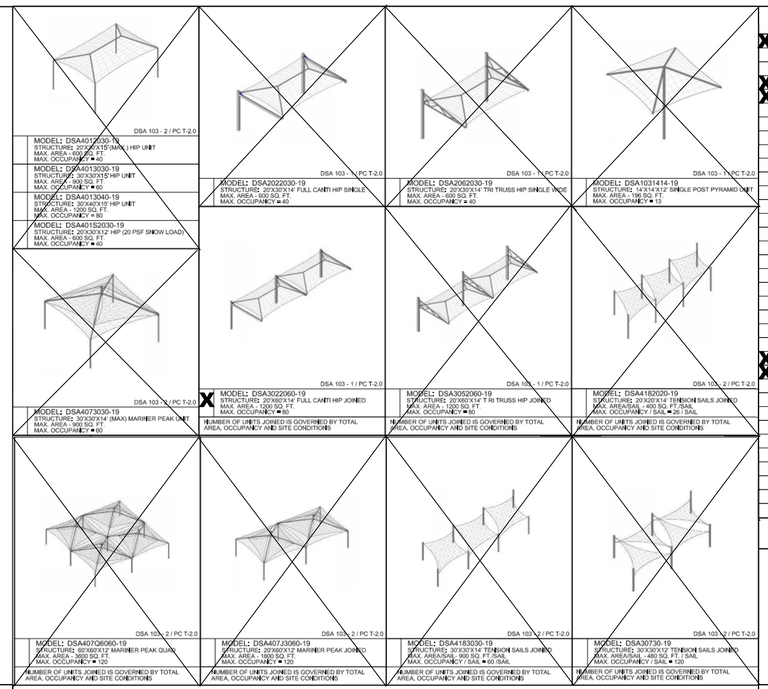
SEE CALIFORNIA BUILDING CODE, CHAPTER 35, FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

SEE INDIVIDUAL STRUCTURAL DRAWINGS FOR SPECIFIC DESIGN NOTES AND LOADING.

ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (C.C.R.).

ALL WORK SHALL BE IN COMPLIANCE WITH CFC CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.

BUILDING CODE DATA



UNIT SELECTION AND DESCRIPTION

	DRAWING NUMBER	DRAWING DESCRIPTION	STRUCTURE TYPE	MAX SIZE	MODEL NUMBER
X	P.C. T-1.0	P.C. TITLE SHEET			
	P.C. T-2.0	DSA 103 SAMPLE FORM			
	P.C. T-2.1	DSA 103 SAMPLE FORM			
X	P.C. T-3.0	DSA 103 SAMPLE FORM			
X	P.C. T-3.1	DSA 103 SAMPLE FORM			
	1.1-1000	PRODUCT INFORMATION	HIP	20 X 30	DSA4012030-19
	1.2-2000	REACTIONS	HIP	20 X 30	DSA4012030-19
	2.1-1000	PRODUCT INFORMATION	HIP	30 X 30	DSA4013030-19
	2.2-2000	REACTIONS	HIP	30 X 30	DSA4013030-19
	3.1-1000	PRODUCT INFORMATION	HIP	30 X 40	DSA4013040-19
	3.2-2000	REACTIONS	HIP	30 X 40	DSA4013040-19
	4.1-1000	PRODUCT INFORMATION	HIP (20# SNOW LOAD)	20 X 30	DSA401S2030-19
	4.2-2000	REACTIONS	HIP (20# SNOW LOAD)	20 X 30	DSA401S2030-19
	5.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID	14 X 14	DSA1031414-19
	5.2-2000	REACTIONS	SINGLE POST PYRAMID	14 X 14	DSA1031414-19
	6.1-1000	PRODUCT INFORMATION	MARINER	30 X 30	DSA4073030-19
	6.2-2000	REACTIONS	MARINER	30 X 30	DSA4073030-19
	7.1-1000	PRODUCT INFORMATION	JOINED MARINER	30 X 200	DSA407J3060-19
	7.2-2000	REACTIONS	JOINED MARINER	30 X 200	DSA407J3060-19
	8.1-1000	PRODUCT INFORMATION	QUAD MARINER	60 X 60	DSA407Q6060-19
	8.2-2000	REACTIONS	QUAD MARINER	60 X 60	DSA407Q6060-19
	9.1-1000	PRODUCT INFORMATION	FULL CANTILEVER	20 X 30	DSA2022030-19
	9.2-2000	REACTIONS	FULL CANTILEVER	20 X 30	DSA2022030-19
X	10.1-1000	PRODUCT INFORMATION	FULL CANTILEVER JOINED	20 X 300	DSA3022060-19
X	10.2-2000	REACTIONS	FULL CANTILEVER JOINED	20 X 300	DSA3022060-19
	11.1-1000	PRODUCT INFORMATION	TRI TRUSS CANTILEVER	20 X 30	DSA2062030-19
	11.2-2000	REACTIONS	TRI TRUSS CANTILEVER	20 X 30	DSA2062030-19
	12.1-1000	PRODUCT INFORMATION	TRI TRUSS CANTILEVER JOINED	20 X 300	DSA3052060-19
	12.2-2000	REACTIONS	TRI TRUSS CANTILEVER JOINED	20 X 300	DSA3052060-19
	13.1-1000	PRODUCT INFORMATION	THREE POINT SAILS	30 X 200	DSA30730-19
	13.2-2000	REACTIONS	THREE POINT SAILS	30 X 200	DSA30730-19
	14.1-1000	PRODUCT INFORMATION	FOUR-POINT SAILS	20 X 300	DSA4182020-19
	14.2-2000	REACTIONS	FOUR-POINT SAILS	20 X 300	DSA4182020-19
	15.1-1000	PRODUCT INFORMATION	FOUR POINT SAILS	30 X 200	DSA4183030-19
	15.2-2000	REACTIONS	FOUR POINT SAILS	30 X 200	DSA4183030-19

SHEET INDEX - P.C. DRAWINGS

DAVID HIGGINSON, AIA, ARCHITECT
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YUCAIPA, CA 92399
(909) 499-0058
dhigginson.arch@gmail.com

LICENSED ARCHITECT DAVID HIGGINSON NO.C19188 REN. 10-31-21 STATE OF CALIFORNIA

ARCHITECT OF RECORD

MARK LOWE, S.E.
STRUCTURAL ENGINEER

19471 MISTY RIDGE LANE
TRABUCO CANYON, CALIFORNIA
92367
PH. 949-400-1265
malowe@me.com

REGISTERED PROFESSIONAL ENGINEER MARK ALBERT LOWE No. 3693 STRUCTURAL STATE OF CALIFORNIA
12/04/2020

ENGINEER OF RECORD

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119455 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☒ CG ☐
DATE: 03/26/2021

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE: D

LICENSED ARCHITECT HELENA L. JUBANY 22214 RENEWAL 08-31-23 STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
4201 IVAR AVENUE
ROSEMEAD CA 91770

PRE-CHECK (PC) DOCUMENT

Code : 2019 CBC
A separate project application for construction is required.

Eng. By :	DWH	09/18/20
Design By :	DWH	09/18/20
Approved By :	DWH	09/18/20

DRAWING DESCRIPTION:
P.C. TITLE SHEET

DWG.

SHEET P.C. T-1.0

REV.

JUBANY NAC ARCHITECTURE
857 N. SPRING ST | LOS ANGELES CA 90012-2223 | P: 323.478.9979 | F: 323.850.3110
WWW.NACARCHITECTURE.COM

NAC NO	161-22133
FILE	DSA SUBMITTAL
DRAWN	-
CHECKED	-
DATE	01-18-2023

PC 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2019 CBC

2019 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2019 CBC).

**NOTE: Undefined section and table references found in this document are from the CBC, or California Building Code.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — STATE OF CALIFORNIA

THE SAMPLE DSA-103 FORM SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECTS SPECIFIC FORM DSA-103. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS DRAWING.

ADDITIONAL TESTING AND INSPECTION NOTES:

1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT.
4. COPIES OF VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
5. THE IN PLANT INSPECTOR SHALL BE WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING.
6. PER 2019 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
   6.1. A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
   6.2. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK IT'S LOAD, AND TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCEMENT AGENCY.

SAMPLE DSA 103 - STATEMENT OF STRUCTURAL TESTS AND INSPECTIONS FORM - FOR CANTILEVER AND SINGLE POST UNITS

USA SHADE & Fabric Structures

CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER: Rosemead U.S.D.

PROJECT NAME: Muscatel Middle School

LOCATION: 4201 Ivar Ave. Rosemead, CA 91770

MODEL NUMBER:

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119455 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 03/26/2021

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT
Code : 2019 CBC
A separate project application for construction is required.

Eng. By :	DWH	09/18/20
Design By :	DWH	09/18/20
Approved By :	DWH	09/18/20

DRAWING DESCRIPTION:
DSA 103 SAMPLE FORMS

DWG.

SHEET P.C. T-3.0

REV.

LICENSED ARCHITECT
DAVID HIGGINSON
NO. C19165
REN. 10-31-21
STATE OF CALIFORNIA

LICENSED ARCHITECT
HELENA L. JUBANY
22214
STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
4201 IVAR AVENUE
ROSEMEAD CA 91770

JUBANY NAC ARCHITECTURE

NAC NO	161-22133
FILE	DSA SUBMITTAL
DRAWN	-
CHECKED	-
DATE	01-18-2023

PC 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

☐	b. Magnetic Particle	Test	LOR	**1705A.2.1, 1705A.2.5;** AISC 341-16 J6.2, AISC 360-16 N5.5; ANSI/ASNT CP-189, SNT-TC-1A; AWS D1.1, AWS D1.8; DSA IR 17-2.
☐	c.	Test	LOR	

	21. STEEL JOISTS AND TRUSSES: 1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joist.	Continuous	SI	**1705A.2.3, Table 1705A.2.3;** AWS D1.1; DSA IR 22-3 for steel joists only. **1705A.2.4;** AWS D1.3 for cold-formed steel trusses.

	22. SPRAY APPLIED FIRE-PROOFING: 1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Examine structural steel surface conditions, inspect application, take samples, measure thickness and verify compliance of all aspects of application with DSA-approved documents.	Periodic	SI	1705A.14.
☐	b. Test bond strength.	Test	LOR	1705A.14.6.

DGS DSA 103-19 (Revised 07/16/2020)
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DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

☐	c. Test density.	Test	LOR	1705A.14.5.

	23. ANCHOR BOLTS AND ANCHOR RODS:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☑	a. Anchor Bolts and Anchor Rods	Test	LOR	Sample and test anchor bolts and anchor rods not readily identifiable per procedures noted in DSA IR 17-11.
☐	b. Threaded rod not used for foundation anchorage.	Test	LOR	Sample and test threaded rods not readily identifiable per procedures noted in DSA IR 17-11.

	Other Steel			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a.			

DGS DSA 103-19 (Revised 07/16/2020)
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Page 14 of 20

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Other), 2019 CBC

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

	26. OTHER:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Load test for identified product(s):	Test	LOR	**1709A.2, 1709A.3.** Testing is not required for: 1) a product with a valid evaluation service report per DSA IR A-5, or 2) a product that can be justified by structural calculation.
☐	b. Installation torque for non-HS bolts	Continuous	SI*	Applicable to communication towers identified as Essential Service Facility Projects (ESFP). Calibrated wrench use required, verified by SI during installation. DSA Policy PL 18-01: Communication Towers, Poles and Buildings Utilized by State Agencies for Essential Services Communications.*EXCEPTION: Non-ESFP may use PI without need for notification to DSA.
☐	c.			

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — STATE OF CALIFORNIA
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Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

Exempt items given in DSA IR A-22 or the 2019 CBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. **Items marked as exempt shall be identified on the approved construction documents**. The project inspector shall verify all construction complies with the approved construction documents.

	SOILS:
☐	1. Deep foundations acting as a cantilever footing designed based on minimum allowable pressures per CBC Table 1806A.2 and having no geotechnical report for the following cases: A) free standing sign or scoreboard, B) cell or antenna towers and poles less than 35'-0" tall (e.g., lighting poles, flag poles, poles supporting open mesh fences, etc.), C) single-story structure with dead load less than 5 psf (e.g., open fabric shade structure), or D) covered walkway structure with an apex height less than 10'-0" above adjacent grade.
☐	2. Shallow foundations, etc. are exempt from special inspections and testing by a Geotechnical Engineer for the following cases: A) buildings without a geotechnical report and meeting the exception item #1 criteria in CBC Section 1803A.2 supported by native soil (any excavation depth) or fill soil (not exceeding 12" depth per CBC Section 1804A.6), B) soil scarification/recompaction not exceeding 12" depth, C) native or fill soil supporting exterior non-structural flatwork (e.g., sidewalks, site concrete ramps, site stairs, parking lots, driveways, etc.), D) unpaved landscaping and playground areas, or E) utility trench backfill.

	CONCRETE/MASONRY:
☐	1. Post-installed anchors for the following: A) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment - see item 7 for "Welding") given in CBC Section 1617A.1.18 (which replaces ASCE 7-16, Section 13.1.4) or B) interior nonstructural wall partitions meeting criteria listed in exempt item 3 for "Welding."
☐	2. Concrete batch plant inspection is not required for items given in CBC Section 1705A.3.3.2 subject to the requirements and limitations in that section.

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Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

☐	3. Non-bearing non-shear masonry walls may be exempt from certain DSA masonry testing and special inspection items as allowed per DSA IR 21-1.16. Refer to construction documents for specific exemptions accordingly for each applicable wall condition.
☐	4. Epoxy shear dowels in site flatwork and/or other non-structural concrete.
☐	5. Testing of reinforcing bars is not required for items given in CBC Section 1910A.2 subject to the requirements and limitations in that section.

	Welding:
☐	1. Solid-clad and open-mesh gates with maximum leaf span or rolling section for rolling gates of 10' and apex height less than 8'-0" above lowest adjacent grade. When located above circulation or occupied space below, these gates are not located within 1.5x gate/fence height (max 8'-0") to the edge of floor or roof.
☐	2. Handrails, guardrails, and modular or relocatable ramps associated with walking surfaces less than 30" above adjacent grade (excluding post base connections per the 'Exception' language in Section 1705A.2.1); fillet welds shall not be ground flush.
☐	3. Non-structural interior cold-formed steel framing spanning less than 15'-0", such as in interior partitions, interior soffits, etc. supporting only self weight and light-weight finishes or adhered tile, masonry, stone, or terra cotta veneer no more than 5/8" thickness and apex less than 20'-0" in height and not over an exit way. Maximum tributary load to a member shall not exceed the equivalent of that occurring from a 10'x10' opening in a 15' tall wall for a header or king stud.
☐	4. Manufactured support frames and curbs using hot rolled or cold-formed steel (i.e., light gauge) for mechanical, electrical, or plumbing equipment weighing less than 2000# (equipment only) (connections of such frames to superstructure elements using welding will require special inspection as noted in selected item(s) for Sections 19, 19.1 and/or 19.2 of listing above).
☐	5. Manufactured components (e.g., Tolco, B-Line, Afcon, etc.) for mechanical, electrical, or plumbing hanger support and bracing (connections of such components to superstructure elements using welding will require special inspection as noted in selected item(s) for Sections 19, 19.1 and/or 19.2 of listing above).

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — STATE OF CALIFORNIA
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Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

☐	6. TV Brackets, projector mounts with a valid listing (see DSA IR A-5) and recreational equipment (e.g., playground structures, basketball backstops, etc.) (connections of such elements to superstructure elements using welding will require special inspection as noted in selected item(s) for section 19, 19.1 and/or 19.2 located in the Steel/Aluminum category).
☐	7. Any support for exempt non-structural components given in CBC Section 1617A.1.18 (which replaces ASCE 7-16, Section 13.1.4) meeting the following: A) when supported on a floor/roof, <400# and resulting composite center of mass (including component's center of mass) ≤4' above supporting floor/roof, B) when hung from a wall or roof/floor, <20# for discrete units or <5 plf for distributed systems.

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — STATE OF CALIFORNIA
Page 18 of 20

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS(SIGNATURE), 2019 CBC

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

Name of Architect or Engineer in general responsible charge:
Name of Structural Engineer (When structural design has been delegated):
Signature of Architect or Structural Engineer: Date:

Note: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends against using secured electronic or digital signatures.

DSA STAMP

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — STATE OF CALIFORNIA
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DSA 103-19: LIST OF REQUIRED VERIFIED REPORTS, CBC 2019

Application Number: 04-119455 | **School Name:** TBD | **School District:** USA Shade & Fabric Structures
DSA File Number: | **Increment Number:** | **Date Created:** 2021-03-25 21:00:56

1. ~~Soils Testing and Inspection: Geotechnical Verified Report Form DSA 293~~
2. Structural Testing and Inspection: Laboratory Verified Report Form DSA 291
3. Post-installed Anchors: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292
4. Shop Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292

DGS DSA 103-19 (Revised 07/16/2020)
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THE SAMPLE DSA-103 FORM SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECTS SPECIFIC FORM DSA-103. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS DRAWING.

ADDITIONAL TESTING AND INSPECTION NOTES:

1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT.
4. COPIES OF VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
5. THE IN PLANT INSPECTOR SHALL BE WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING.
6. PER 2019 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
   - 6.1. A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
   - 6.2. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK IT'S LOAD, AND TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCEMENT AGENCY.

LICENSED ARCHITECT — DAVID HIGGINSON — NO. C19168 — REN. 10-31-21 — STATE OF CALIFORNIA

SAMPLE DSA 103 - STATEMENT OF STRUCTURAL TESTS AND INSPECTIONS FORM - FOR CANTILEVER AND SINGLE POST UNITS

USA SHADE & Fabric Structures

CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER: Rosemead U.S.D.

PROJECT NAME: Muscatel Middle School

LOCATION: 4201 Ivar Ave. Rosemead, CA 91770

MODEL NUMBER:

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119455 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 03/26/2021

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT
Code : 2019 CBC
A separate project application for construction is required.

Eng. By :	DWH	09/14/20
Design By :	DWH	09/14/20
Approved By :	DWH	09/14/20

DRAWING DESCRIPTION: DSA 103 SAMPLE FORMS

DWG.

SHEET P.C. T-3.1

REV.

LICENSED ARCHITECT — HELENA L. JUBANY — 22214 — REN. 5-31-23 — STATE OF CALIFORNIA

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
4201 IVAR AVENUE
ROSEMEAD CA 91770

JUBANY NAC | ARCHITECTURE
837 N. SPRING ST. | LOS ANGELES CA 90012-2323 | P: 323.475.8075 | F: 323.859.3110

NAC NO	161-22133
FILE	DSA SUBMITTAL
DRAWN	-
CHECKED	-
DATE	01-18-2023

WWW.NACARCHITECTURE.COM

PC 3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

GENERAL NOTES
DESIGN LOADS

BUILDING CODE	CBC 2019 (BASED ON IBC 2018)
LIVE LOADS	5 PSF
SNOW LOAD	5 PSF
WIND LOADS	115 MPH (3-Sec. Gust); EXPOSURE C; TOPOGRAPHIC FACTOR , Kzt = 1.0

1.- SPECIAL INSPECTION REQUIREMENTS SHALL FOLLOW THE ATTACHED SAMPLE TEST AND INSPECTION LIST (T & I LIST) APPROVED BY DSA. THE SHOP WELDING INSPECTION SHALL INCLUDE WELDING OF ALL STEEL MEMBERS AND IDENTIFICATION OF STEEL THROUGH MILL CERTIFICATE OR MATERIAL TESTING, UNCERTIFIED STEEL SHALL BE TESTED TO THE REQUIREMENTS OF CBC 2019 CHAPTER 17A. THE FIELD SPECIAL INSPECTION SHALL INCLUDE COMPRESSION CYLINDER TESTS FOR THE CONCRETE FOUNDATION.

2.- STRUCTURE SHALL BE IN THE LOCATION SHOWN ON THE SITE SPECIFIC DSA APPLICATION DRAWING.

3.- FOUNDATION DESIGN BASED ON CBC 2019, TABLE 1806A.2, SOIL CLASS 5 (ALLOWABLE FOUNDATION PRESSURE 1500 PSF)

4.- DESIGN PER FOLLOWING CODES: CBC 2019, ASCE 7-16, AISC 360-16, AISC 341-16, ACI 318-14, ASCE 55-16 & ASCE 19-16

STRUCTURAL STEEL

1.- FABRICATION OF THE STEEL STRUCTURES SHALL BE PERFORMED BY SHADE STRUCTURES OR AN AUTHORIZED LICENSEE. MATERIAL TESTING (OR MILL CERTIFICATES) AND INSPECTION OF WELDING SHALL BE CONDUCTED PER CBC 2019 SECTIONS 1704A, 1705A, 1705A.2, AND TABLE 1705A.2.1.

2.- ONLY CALIFORNIA LICENSED CONTRACTORS AUTHORIZED BY SHADE STRUCTURES SHALL INSTALL THE SHADE STRUCTURES.

3.- ALL WORK SHALL CONFORM TO CBC 2019 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

4.- ALL GALVANIZED STEEL TUBE PRODUCTS MANUFACTURED BY ALLIED TUBE & CONDUIT FOR THIS STRUCTURE SHALL BE, AND CONFORM TO ASTM A500-16, IN ITS' ENTIRETY.
TYPICAL MECHANICAL PROPERTIES ARE:
ROUND TUBE 42,000 PSI YIELD STRESS MINIMUM / 48,000 PSI TENSILE STRESS MINIMUM

5.- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE B, UNLESS OTHERWISE NOTED. TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR HSS PRODUCTS:
SQUARE AND RECTANGULAR 46,000 PSI YIELD STRESS / 58,000 PSI TENSILE STRESS
ROUND PIPE 42,000 PSI YIELD STRESS / 58,000 PSI TENSILE STRESS

6.- ALL PLATES PRODUCTS SHALL COMPLY WITH ASTM A572 GRADE 50.

7.- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

8.- ALL WELDING TO CONFORM WITH AMERICAN WELDING SOCIETY STANDARDS AND SHALL BE INSPECTED BY AN AWS/CWI INSPECTOR. AWS D1.1 FOR HOT ROLLED. AWS D1.3 FOR SHEET/COLD FORMED. AWS D1.8 SEISMIC SUPPLEMENT.

9.- ALL FULL PENETRATION WELD SHALL BE CONTINUOUSLY INSPECTED PER AWS D1.1 & D1.8.

10.- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. FIELD CONNECTIONS SHALL BE AS INDICATED ON THE DRAWINGS (IF REQUIRED). ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" ER70SX ELECTRODES UNLESS OTHERWISE NOTED. EITHER SMAW OR GMAW IS ACCEPTABLE.

11.- ALL STAINLESS STEEL BOLTS SHALL COMPLY WITH ASTM F-593, YIELD STRENGTH= 65 KSI, TENSILE STRENGTH=100 KSI MINIMUM, ALLOY GROUP 1, CONDITION CW1. ALL NUTS SHALL COMPLY WITH ASTM F-594 ALLOY GROUP 1, CONDITION CW1. REFERRING TO RCSC, ASTM F-593 IS NOT CONSIDERED AS HIGH STRENGTH BOLTS.

12.- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM F3125 GRADE A325 N (GALVANIZED). ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436. ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.

13.- ALL STRUCTURAL STEEL (ITEMS FROM NOTE 5) SHALL BE POWDER COATED WITH ONE SHOP COAT (2.5 MILS MIN.) OF ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM. THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS, ASKO NOBEL, PPG OR TIGER DRYLAC). TO ACHIEVE OPTIMUM ADHESION, IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING. POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:
- PENCIL HARDNESS (ASTM D-3363). - HUMIDITY (ASTM D-2247).
- SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL. SOFTNESS.

14.- ALL STEEL ROUND TUBING (ITEMS FROM NOTE 4) SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS. TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT.

15.- COLD-FORMED STEEL MEMBERS SHALL BE 55% ALUMINUM ZINC ALLOY COATED PER ASTM A792/A792M STANDARD IN ACCORDANCE TO AISI S200 TABLE A4-1, CP 90 COATING DESIGNATION. ALL EXPOSED STEEL FASTENERS SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329), OR PROTECTED WITH CORROSION PREVENTIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RED RUST IN MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117. ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT.

CONCRETE SPECIFICATION
1.- CONCRETE SHALL BE SAMPLED AND TESTED PER CBC 2019 SECTION 1903A & SHALL BE INSPECTED PER SECTION 1903A.

2.- CONCRETE TO BE F'c= 4500 PSI, TYPE V CEMENT, WATER/CEMENT RATIO OF 0.45, PER ACI 318-14 CHAPTER 5. REINFORCING STEEL TO BE Fy= 60000 PSI , MIN. GR. 60

3.- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 55 (GALVANIZED PER ASTM A153, CLASS D MINIMUM OR ASTM F2329).
ANCHOR BOLT'S EMBEDMENT NEEDS TO BE AS FOLLOW:
A) ANCHOR BOLT Ø1 1/4" 30 IN (MINIMUM EMBEDMENT)

4.- CERTIFIED MILL TEST REPORTS ARE TO BE PROVIDED FOR EACH SHIPMENT OF REINFORCEMENT.

5.- ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN APPLICABLE.

FABRIC SPECIFICATION
1.- FABRIC SHALL BE MANUFACTURED BY MULTIKNIT LTD. OR OTHER COMPANY WHO CAN MANUFACTURE FABRIC, WHICH MEETS THE SPECIFICATIONS LISTED ON PAGE 2000, AND SHALL BE FABRICATED FROM POLYETHYLENE MATERIALS.

2.- THE FABRIC SHALL RETAIN 80% OF ITS TENSILE AND TEARING STRENGTH AFTER ULTRAVIOLET EXPOSURE PER ASTM G53 USING A 313 NM LIGHT SOURCE FOR 500 HOURS WHILE MOISTENED FOR 1 HOUR EVERY 12 HOURS.

3.- PROVIDE CERTIFICATION BY MANUFACTURER AND STATE FIRE MARSHAL TO SCHOOL'S DISTRICT INSPECTOR OF RECORD AT SITE SPECIFIC INSTALLATION. COPY OF FIRE CERTIFICATION SHALL BE SENT TO DSA.

4.- FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE BY THE DISTRICT. FABRICS SAMPLES OF THE SAME MATERIAL WHICH ARE MAINTAINED AT THE PROJECTS SITE SHALL BE TESTED TO BE IN COMPLIANCE WITH ASTM D5034 AND D2261. THE ANNUAL TESTING ON THE APPROVED PLANS SHALL BE COMPARED TO THE FABRIC SPECIFICATIONS INDICATED IN NOTE 1 OF "FABRIC SPECIFICATION" ON THE APPROVED PLANS. THE FABRIC SHALL BE REPLACED WHEN THE TEST RESULTS RETURN LESS THAN 50% OF THE ULTIMATE VALUES IN NOTE 1 OF "FABRIC SPECIFICATION". FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84 EXTENDED 30 MINUTES TEST. FLAME SPREAD INDEX (FSI): 10. SMOKE DEVELOPED INDEX (SDI): 50. FABRIC IS ACCEPTABLE FOR USE IN WILDLIFE URBAN INTERFACE AREA.

5.- FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF ARE ANTICIPATED, FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED.

6.- A VISUAL INSPECTION LOOKING FOR TEAR AND ABNORMAL WEAR IN FABRIC MATERIAL AND THREAD IS REQUIRED PRIOR TO RE-INSTALLATION. USA SHADE & FABRIC STRUCTURES SHALL BE NOTIFIED IF SIGNIFICANT DAMAGE IS PRESENT BEFORE RE-INSTALLATION.

AIRCRAFT CABLE
1.- FOR FABRIC ATTACHMENT USE 3/8" 7x19 GALV. CABLE PER ASTM A1023A, ASTM 1023M-02, WITH A BREAKING STRENGTH VALUE OF 14,400 LBS. CABLE SHALL BE TENSIONED TO 250 LBS MINIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS Sa=4909 LB.
2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTING VISITS AS REQUIRED.

2019 CBC PC DESIGN NOTES

FLOOR LIVE LOAD	N/A	
ROOF LIVE LOAD	RLL	5 PSF

ALLOWABLE SOIL PRESSURE:
DL + LL (CONC FTG) 1500 PSF
DL + LL + SEISMIC (CONC FTG) 1500 PSF
LATERAL BEARING DESIGN VALUE 100 PSF/FT BELOW NATURAL GRADE, PER TABLE 1806A.2
TWO TIMES THE TABULAR VALUE IS USED (200 PSF/FT)
PER CBC SECTION 1806A.3.4.
ALLOWABLE PIER FRICTIONAL RESISTANCE 250 PSF MAXIMUM
BASED ON SECTION 1810A.3.3.1.4 (ONE-SIXTH OF THE BEARING VALUE).
UPLIFT FRICTIONAL RESISTANCE HAVE A SAFETY FACTOR OF 3.

ROOF SNOW LOAD 5 PSF
ICE LOAD ZERO PSF
FLOOD HAZARD AREA NO
WHEN A SITE SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED AND SIGNED FROM A SOILS ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN THE PC ARE STILL APPLICABLE.

WIND DESIGN DIRECTIONAL PROCEDURE: ASCE 7-16, SECTION 27.3.2

-BASIC DESIGN WIND SPEED (3 SEC GUST)	V	115 MPH
-WIND EXPOSURE FACTOR	C	
-TOPOGRAPHIC FACTOR	Kzt	1
-RISK CATEGORY	II	
-VELOCITY PRESSURE EXPOSURE COEFFICIENT	Kz	0.88
-VELOCITY PRESSURE	qz	25.32 PSF

SEISMIC DESIGN:

-SITE CLASS	D	
	SS	3.00g
	S1	1.389g
-SPECTRAL RESPONSE COEFFICIENTS	SDS	2.00
	SD1	1.39

-LATERAL FORCE RESISTING SYSTEM G.2 ORDINARY CANTILEVERED COLUMN SYSTEM.

-SEISMIC IMPORTANCE FACTOR	I	1.0
-DESIGN BASE SHEAR	V	25358 LB
-SEISMIC RESPONSE COEFFICIENTS	Cs	1.6
-RESPONSE MODIFICATION FACTOR	R	1.25
-ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE	
-RISK CATEGORY	II	
-SEISMIC DESIGN CATEGORY		E
-SITE COEFFICIENT CATEGORY	Fa	1
	Fv	1.5

GEOHAZARD REPORT IS NOT REQUIRED FOR OPEN FABRIC STRUCTURES 1,600 SQF OR LESS COMPLYING WITH THE REQUIREMENTS OF IR A-4 SECTION 3.1.1. OPEN FABRIC SHADE STRUCTURES GREATER THAN 1,600 SQUARE FEET UP TO A MAXIMUM OF 4,000 SQUARE FEET AND COMPLYING WITH THE REQUIREMENTS NOTED IN IR A-4 SECTION 3.1.1 DO NOT REQUIRE A GEOHAZARD REPORT PROVIDED A GEOTECHNICAL REPORT INDICATES THAT NO LIQUEFACTION POTENTIAL EXISTS.

ARCHITECT OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN GEOLOGIC HAZARD ZONE. GEOHAZARD REPORT REQUIREMENTS PER DSA IR A-4.

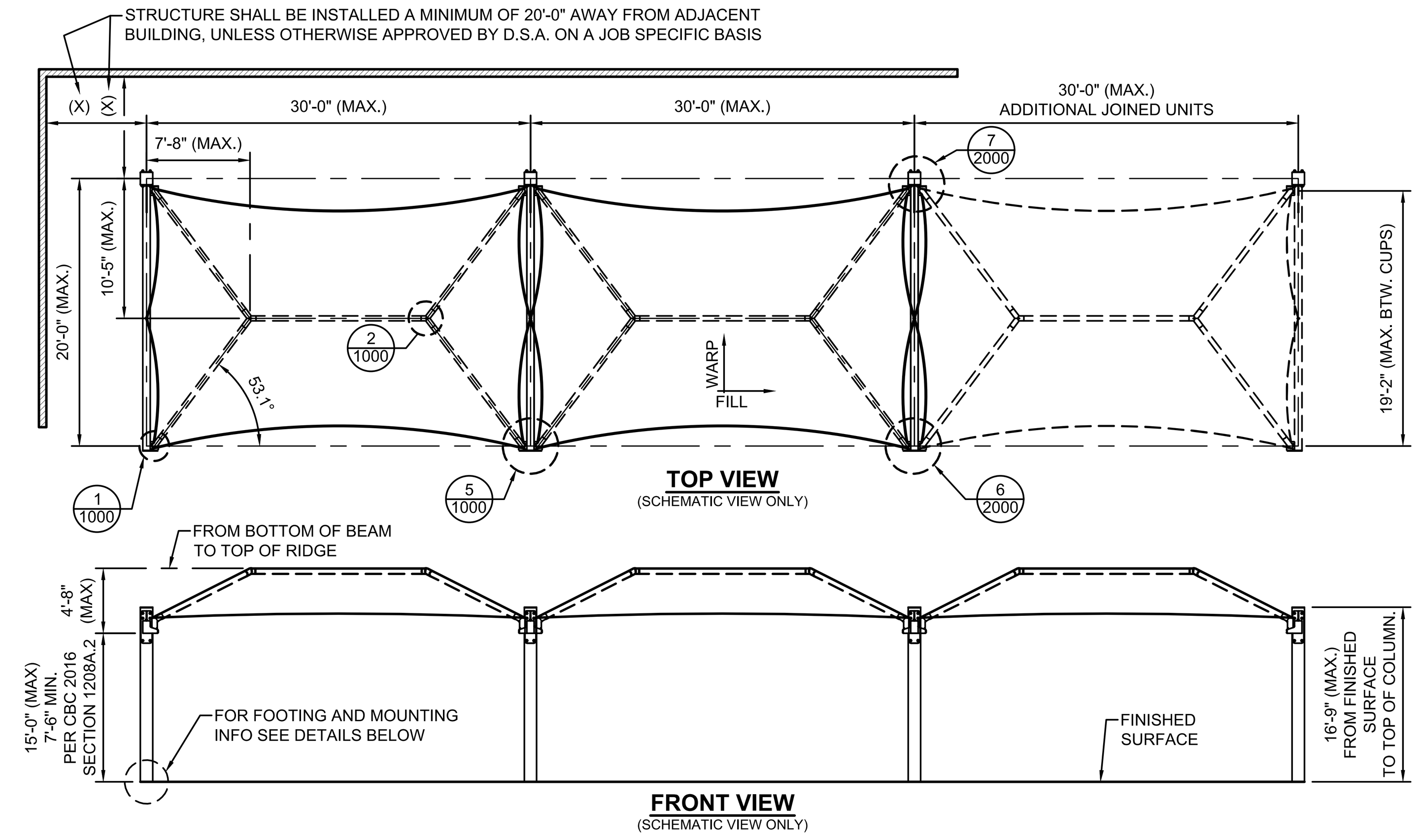
PC OPTIONS SHALL NOT INCLUDE LIQUEFIABLE SOIL (EXCEPTION: OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET OR LESS COMPLYING WITH REQUIREMENTS OF IR A-4 SECTION 3.1.1). IF STRUCTURE IS LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F, OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND REGULAR PROJECT SUBMITTAL IS REQUIRED. IF SITE IS NOT IN A MAPPED LIQUEFACTION HAZARD ZONE, IT MAY BE PRESUMED THAT NO LIQUEFACTION HAZARD EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEOTECHNICAL REPORT IDENTIFIES SUCH HAZARD.

MINIMUM FOUNDATION SETBACK LIMIT IN ADJACENT SLOPE: THE DEPTH OF REQUIRED PIER EMBEDMENT SHALL START FROM AN ELEVATION THAT CORRESPONDS WITH A HORIZONTAL CLEAR DISTANCE OF 17'-6" THAT INTERSECT WITH THE SLOPE (DAYLIGHTING). IF SETBACK LIMITS ARE SMALLER THAN CBC REQUIRES, A SITE-SPECIFIC SOILS REPORT IS REQUIRED.

MINIMUM CLASS 2 PROJECT INSPECTOR REQUIRED.

FOOTPRINT CONFIGURATION

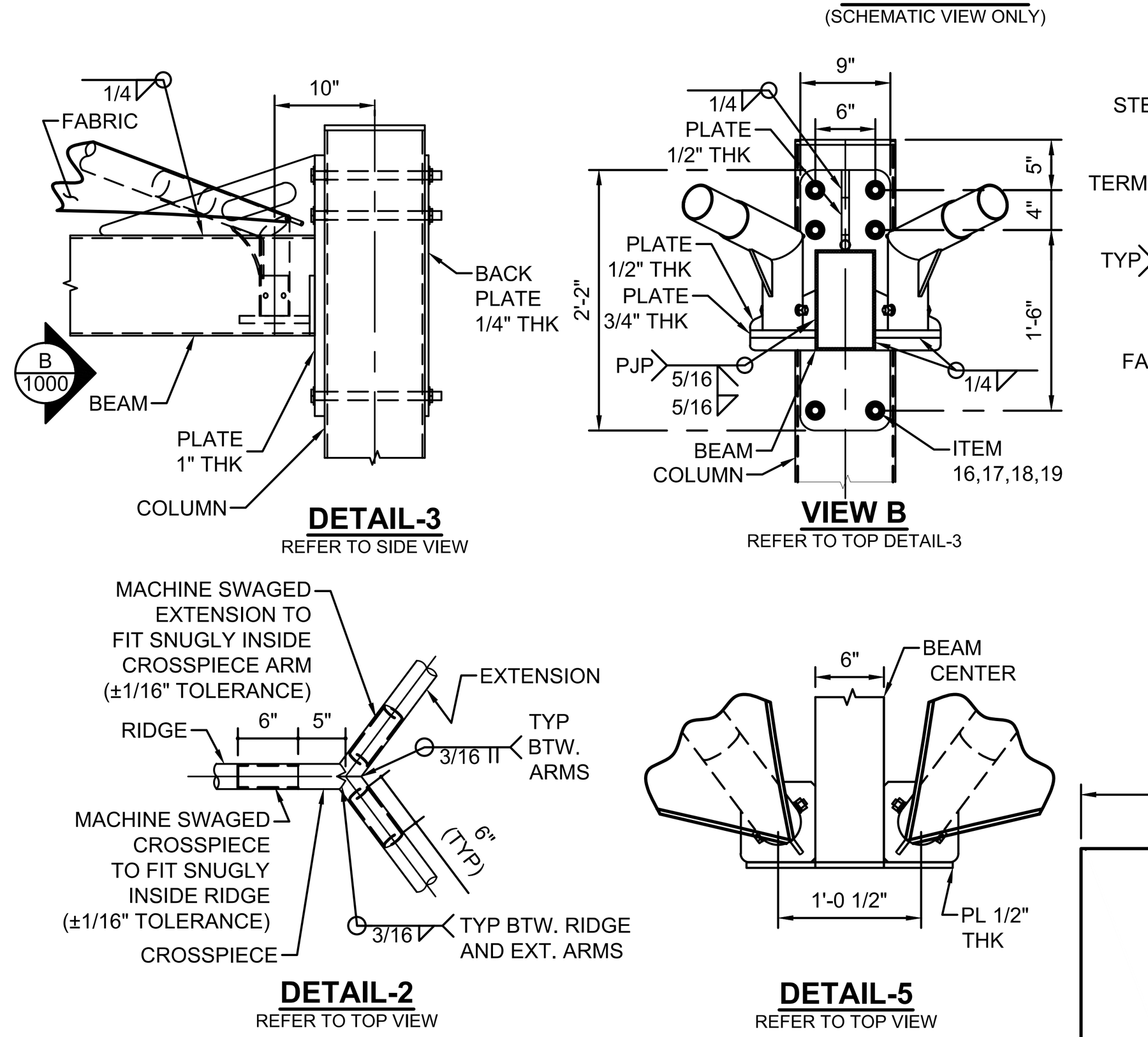
1.- THE STRUCTURE CAN BE PLACED FOLLOWING A CURVED CONFIGURATION AS LONG AS THE MAXIMUM DIMENSIONS ARE NOT EXCEEDED.

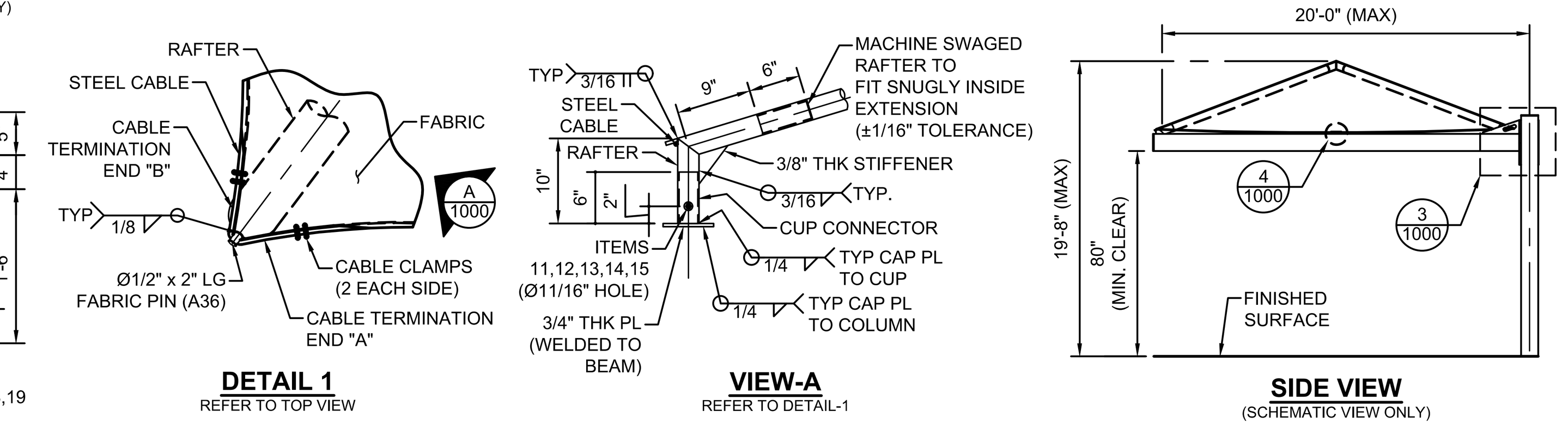


STRUCTURE SHALL BE INSTALLED A MINIMUM OF 20'-0" AWAY FROM ADJACENT BUILDING, UNLESS OTHERWISE APPROVED BY D.S.A. ON A JOB SPECIFIC BASIS
30'-0" (MAX.)
30'-0" (MAX.)
ADDITIONAL JOINED UNITS
TOP VIEW
(SCHEMATIC VIEW ONLY)
FROM BOTTOM OF BEAM TO TOP OF RIDGE
FOR FOOTING AND MOUNTING INFO SEE DETAILS BELOW
FINISHED SURFACE
FRONT VIEW
(SCHEMATIC VIEW ONLY)

LIST OF MATERIALS

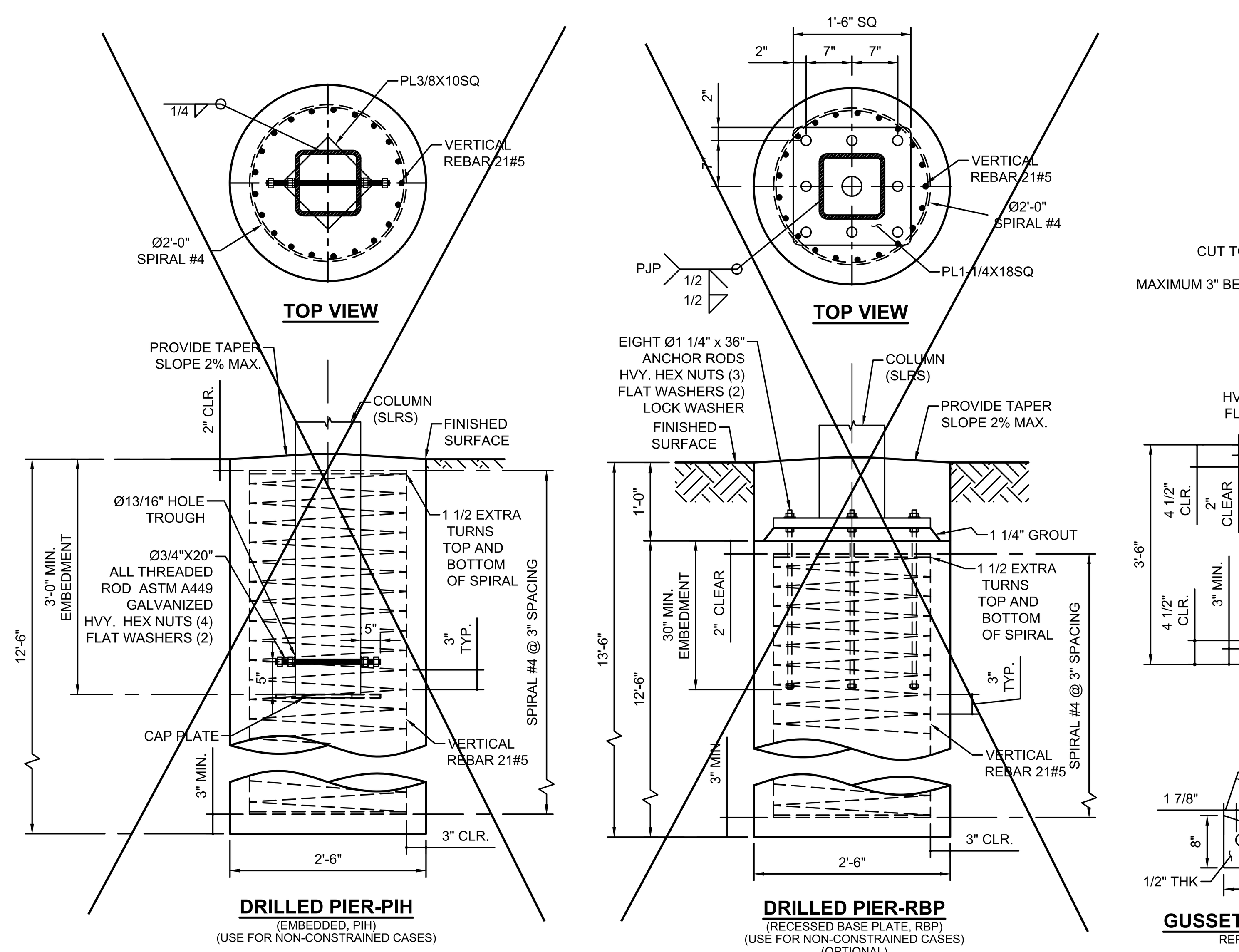
ITEM	QTY	DESCRIPTION	MATERIAL
1	TBD	COLUMN	HSS 10 x 10 x 0.625
2A	TBD	BEAM LEFT	HSS 10 x 6 x 0.375
2B	TBD	BEAM RIGHT	HSS 10 x 6 x 0.375
2C	TBD	BEAM CENTER	HSS 10 x 6 x 0.375
3	TBD	CUP CONNECTOR (6" LG)	HSS 4.0 x 0.25
4	TBD	RAFTER (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (4.5 x 0.188)
5	TBD	EXTENSION (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (4.5 x 0.188)
6	TBD	CROSSPIECE (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (4.5 x 0.188)
7	TBD	RIDGE (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (4.5 x 0.188)
8	TBD	FABRIC TOP	FR COLOURSHADE Z25
9	TBD	Ø3/8" CABLE	GALVANIZED STEEL
10	TBD	Ø3/8" CABLE CLAMP	GALVANIZED STEEL
11	TBD	Ø5/8"-11NC x 6" HEX BOLT	18-8 SS
12	TBD	Ø5/8"-11NC HEX NUT	18-8 SS
13	TBD	Ø5/8" FLAT WASHER	18-8 SS
14	TBD	Ø5/8" FLAT WASHER	DELRIN (ACETAL)
15	TBD	Ø5/8" SPLIT LOCK WASHER	18-8 SS
16	TBD	Ø1"-8NC x 13" HEX BOLT	ASTM F3125 GRADE A325, GALVANIZED
17	TBD	Ø1"-8NC HEX NUT	ASTM A563 GALVANIZED
18	TBD	Ø1" SPLIT LOCK WASHER	ASTM F436 GALVANIZED
19	TBD	Ø1" FLAT WASHER	ASTM F436 GALVANIZED

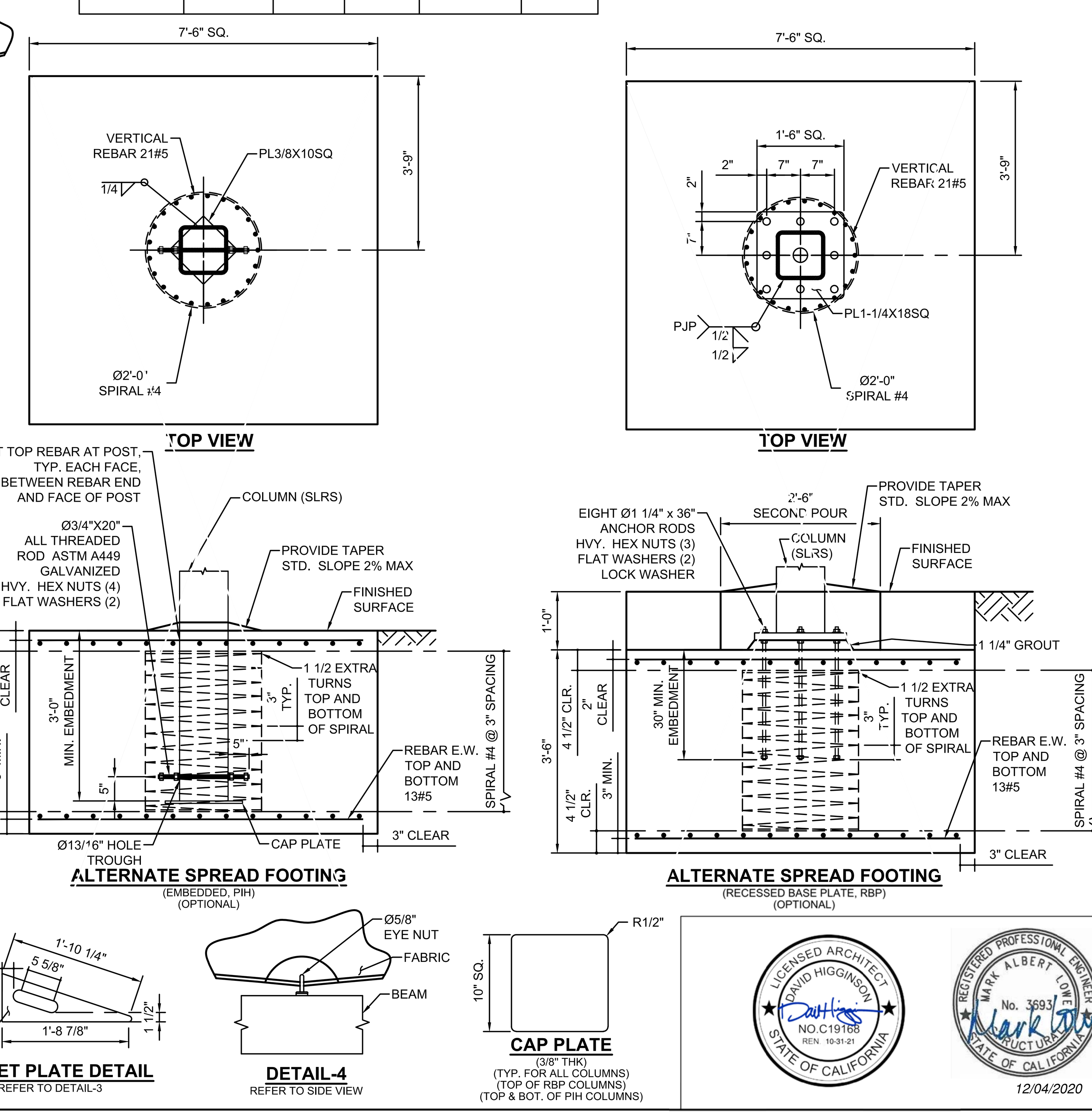




CODE ANALYSIS					
BUILDING	OCCUPANCY	CONST. TYPE	AREA (SQ. FT.)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
SHADE STRUCTURE					

MAXIMUM OCCUPANT LOAD (PER CBC 2019 TABLE 1604A.5)
-K-12: 250 PERSONS
-PUBLIC ASSEMBLY: 300 PERSONS
-EDUCATIONAL OCCUPANCIES ABOVE 12TH GRADE: 500 PERSONS





TOP VIEW
TOP VIEW
ALTERNATE SPREAD FOOTING
(EMBEDDED, PIH)
(OPTIONAL)
ALTERNATE SPREAD FOOTING
(RECESSED BASE PLATE, RBP)
(OPTIONAL)
GUSSET PLATE DETAIL
REFER TO DETAIL-3
DETAIL-4
REFER TO SIDE VIEW
CAP PLATE
(3/8" THK)
(TYP. FOR ALL COLUMNS)
(TOP OF RBP COLUMNS)
(TOP & BOT. OF PIH COLUMNS)
12/04/2020

USA SHADE & Fabric Structures®

CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Rosemead U.S.D.

PROJECT NAME:
Muscatel Middle School

LOCATION:
4201 Ivar Ave.
Rosemead, CA 91770

MODEL NUMBER:
DSA3022060-19

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119455 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 03/26/2021

STRUCTURE TYPE:
FULL CANTILEVER HIP JOINED - DSA

SIZE: MAXIMUM
20' x 200' x 15'e MAX.

SCALE : NONE

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT
Code : 2019 CBC
A separate project application for construction is required.

Eng. By :	JO	06/26/20
Design By :	JO	06/26/20
Approved By :	JO	06/26/20

DRAWING DESCRIPTION:
PRODUCT INFORMATION

DWG. DSA3022060-19

SHEET 10.1-1000

REV. NC

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
PARK ROSEMEAD
4201 IVAR AVENUE
ROSEMEAD CA 91770

JUBANY NAC ARCHITECTURE

NAC NO	161-22133
FILE	DSA SUBMITTAL
DRAWN	-
CHECKED	-
DATE	01-18-2023

PC 4

ENVELOPE JOINT REACTIONS

Shear resultant $= \sqrt{Px^2 + Py^2 + Pz^2}$ Moment resultant $= \sqrt{Mx^2 + My^2 + Mz^2}$

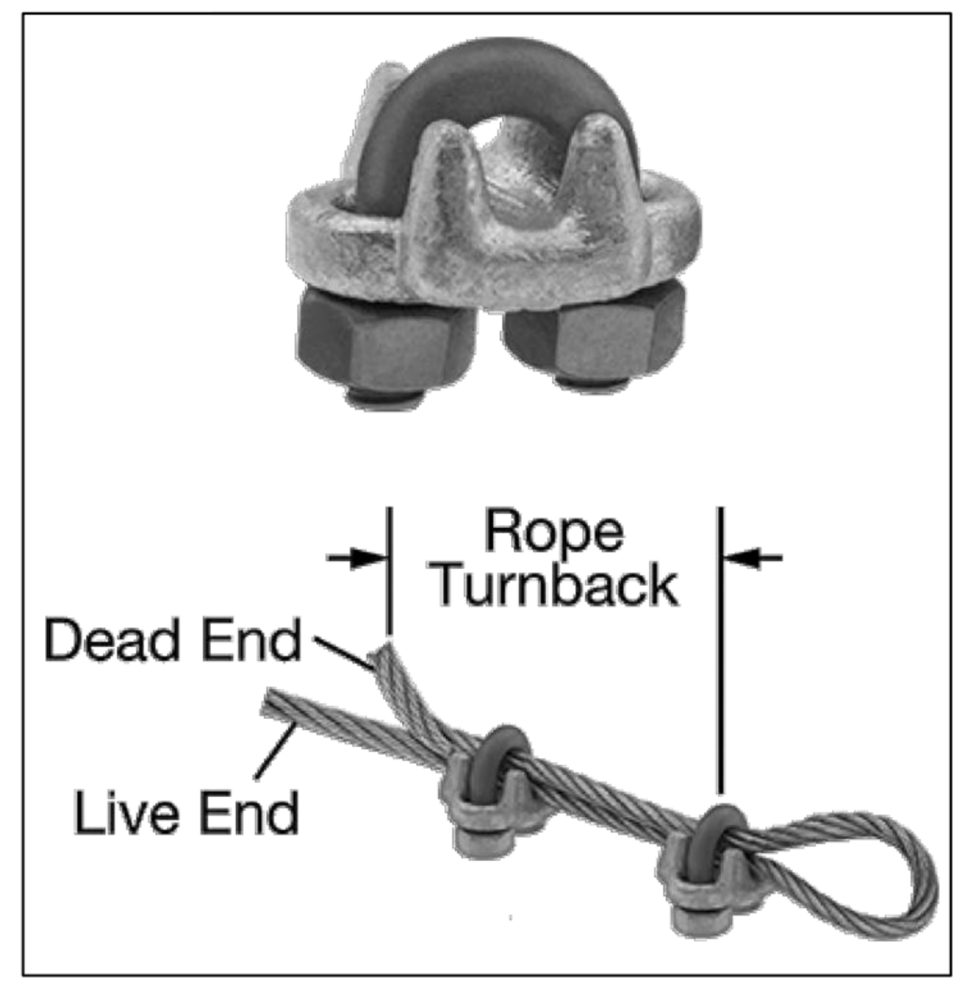
ASD REACTIONS

Node No.		Support Forces [kip] P_X	P_Y	P_Z	Support Moments [kipft] M_X	M_Y	M_Z		Support Forces [kip] SHEAR RESULTANT	Support Moments [kipft] MOMENT RESULTANT	Support Forces [kip] UPLIFT	Support Forces [kip] AXIAL
						MAXIMUM REACTIONS			3.718	71.735	1.298	-6.828

Node No.		Support Forces [kip] P_X	P_Y	P_Z	Support Moments [kipft] M_X	M_Y	M_Z					
86	Max	3.558	3.236	0.121	7.185	43.222	6.365					
	Min	-0.093	-0.714	-4.361	-54.252	-0.229	-17.166					
	Max P_X	**3.558**	0.483	-0.603	-12.470	43.222	-10.993	CO 24	3.591	44.985		-0.603
	Min P_X	**-0.093**	-0.399	-4.334	-33.350	-0.229	-6.265	CO 16	0.410	33.351		-4.334
	Max P_Y	0.453	**3.236**	-0.697	-43.348	7.140	-0.896	CO 25	3.268	43.932		-0.697
	Min P_Y	0.006	**-0.714**	-2.850	-19.028	0.351	-10.612	CO 39	0.714	19.031		-2.850
	Max P_Z	2.028	-0.324	**0.121**	7.185	30.525	-6.565	CO 42	2.054	31.359	0.121	
	Min P_Z	0.701	0.703	**-4.361**	-41.581	13.662	6.114	CO 15	0.993	43.768		-4.361
	Max M_X	2.028	-0.324	0.121	**7.185**	30.525	-6.565	CO 42	2.054	31.359	0.121	
	Min M_X	0.109	2.454	-3.615	**-54.252**	2.992	1.659	CO 21	2.456	54.334		-3.615
	Max M_Y	3.558	0.483	-0.603	-12.470	**43.222**	-10.993	CO 24	3.591	44.985		-0.603
	Min M_Y	-0.093	-0.399	-4.334	-33.350	**-0.229**	-6.265	CO 16	0.410	33.351		-4.334
	Max M_Z	1.079	0.940	-2.938	-32.870	19.131	**6.365**	CO 38	1.431	38.032		-2.938
	Min M_Z	1.562	0.700	0.074	1.404	21.816	**-17.166**	CO 6	1.712	21.861	0.074	
88	Max	3.596	3.492	1.274	32.872	43.881	0.000					
	Min	0.000	-2.899	-6.813	-69.531	0.000	-8.405					
	Max P_X	**3.596**	-0.115	-3.175	-15.331	43.881	-8.405	CO 22	3.598	46.482		-3.175
	Min P_X	**0.000**	-2.899	-4.470	-1.097	0.000	0.000	CO 39	2.899	1.097		-4.470
	Max P_Y	0.000	**3.492**	-3.171	-61.758	0.000	0.000	CO 23	3.492	61.758		-3.171
	Min P_Y	0.000	**-2.899**	-4.470	-1.097	0.000	0.000	CO 39	2.899	1.097		-4.470
	Max P_Z	0.000	-1.020	**1.274**	24.775	0.000	0.000	CO 42	1.020	24.775	1.274	
	Min P_Z	0.000	1.223	**-6.813**	-69.531	0.000	0.000	CO 15	1.223	69.531		-6.813
	Max M_X	0.000	0.063	1.202	**32.872**	0.000	0.000	CO 41	0.063	32.872	1.202	
	Min M_X	0.000	1.223	-6.813	**-69.531**	0.000	0.000	CO 15	1.223	69.531		-6.813
	Max M_Y	3.596	-0.115	-3.175	-15.331	**43.881**	-8.405	CO 22	3.598	46.482		-3.175
	Min M_Y	0.000	-2.899	-4.470	-1.097	**0.000**	0.000	CO 39	2.899	1.097		-4.470
	Max M_Z	0.000	-1.020	1.274	24.775	0.000	**0.000**	CO 42	1.020	24.775	1.274	
	Min M_Z	3.596	-0.115	-3.175	-15.331	43.881	**-8.405**	CO 22	3.598	46.482		-3.175
420	Max	3.591	3.248	0.131	5.991	43.785	6.789					
	Min	-0.115	-0.628	-4.361	-54.036	-0.568	-18.077					
	Max P_X	**3.591**	0.499	-0.602	-12.781	43.785	-11.119	CO 24	3.626	45.612		-0.602
	Min P_X	**-0.115**	0.051	-2.560	-21.186	-0.568	1.891	CO 36	0.126	21.194		-2.560
	Max P_Y	0.476	**3.248**	-0.696	-43.592	7.552	-0.971	CO 25	3.283	44.241		-0.696
	Min P_Y	0.128	**-0.628**	-2.860	-21.071	2.596	-10.958	CO 39	0.641	21.230		-2.860
	Max P_Z	1.564	0.714	**0.131**	1.886	22.297	-16.285	CO 41	1.719	22.377	0.131	
	Min P_Z	0.646	0.664	**-4.361**	-40.791	12.717	6.582	CO 15	0.926	42.727		-4.361
	Max M_X	2.151	-0.263	0.128	**5.991**	32.666	-7.068	CO 42	2.167	33.211	0.128	
	Min M_X	0.092	2.442	-3.615	**-54.036**	2.692	1.860	CO 21	2.444	54.103		-3.615
	Max M_Y	3.591	0.499	-0.602	-12.781	**43.785**	-11.119	CO 24	3.626	45.612		-0.602
	Min M_Y	-0.115	0.051	-2.560	-21.186	**-0.568**	1.891	CO 36	0.126	21.194		-2.560
	Max M_Z	1.030	0.901	-2.936	-32.050	18.284	**6.789**	CO 38	1.368	36.899		-2.936
	Min M_Z	1.782	0.828	0.087	-1.101	25.672	**-18.077**	CO 6	1.965	25.696	0.087	
422	Max	3.717	3.552	1.298	30.092	45.892	1.400					
	Min	0.000	-2.586	-6.828	-71.734	0.000	-8.614					
	Max P_X	**3.717**	-0.081	-0.798	-2.862	45.892	-8.614	CO 24	3.718	45.981		-0.798
	Min P_X	**0.000**	0.000	0.000	0.000	0.000	0.000		0.000	0.000		
	Max P_Y	0.061	**3.552**	-3.175	-63.142	1.128	0.137	CO 23	3.553	63.152		-3.175
	Min P_Y	0.384	**-2.586**	-4.546	-9.108	6.976	-1.381	CO 39	2.614	11.473		-4.546
	Max P_Z	0.353	-0.986	**1.298**	24.500	5.911	-1.725	CO 42	1.047	25.203	1.298	
	Min P_Z	0.001	1.299	**-6.828**	-71.734	0.324	1.400	CO 15	1.299	71.735		-6.828
	Max M_X	0.532	0.259	1.256	**30.092**	8.841	-2.910	CO 41	0.592	31.364	1.256	
	Min M_X	0.001	1.299	-6.828	**-71.734**	0.324	1.400	CO 15	1.299	71.735		-6.828
	Max M_Y	3.717	-0.081	-0.798	-2.862	**45.892**	-8.614	CO 24	3.718	45.981		-0.798
	Min M_Y	0.000	0.000	0.000	0.000	**0.000**	0.000		0.000	0.000		
	Max M_Z	0.001	1.299	-6.828	-71.734	0.324	**1.400**	CO 15	1.299	71.735		-6.828
	Min M_Z	3.717	-0.081	-0.798	-2.862	45.892	**-8.614**	CO 24	3.718	45.981		-0.798
756	Max	2.961	3.236	0.121	7.185	33.848	17.166					
	Min	-2.235	-0.714	-4.361	-54.252	-33.725	-7.981					
	Max P_X	**2.961**	-0.363	-2.876	-7.203	33.848	-7.981	CO 22	2.983	34.606		-2.876
	Min P_X	**-2.235**	-0.317	0.082	7.006	-33.725	7.410	CO 7	2.257	34.445	0.082	
	Max P_Y	-0.453	**3.236**	-0.697	-43.348	-7.140	0.896	CO 25	3.268	43.932		-0.697
	Min P_Y	-0.006	**-0.714**	-2.850	-19.028	-0.351	10.612	CO 39	0.714	19.031		-2.850
	Max P_Z	-2.028	-0.324	**0.121**	7.185	-30.525	6.565	CO 42	2.054	31.359	0.121	
	Min P_Z	-0.701	0.703	**-4.361**	-41.581	-13.662	-6.114	CO 15	0.993	43.768		-4.361
	Max M_X	-2.028	-0.324	0.121	**7.185**	-30.525	6.565	CO 42	2.054	31.359	0.121	
	Min M_X	-0.109	2.454	-3.615	**-54.252**	-2.992	-1.659	CO 21	2.456	54.334		-3.615
	Max M_Y	2.961	-0.363	-2.876	-7.203	**33.848**	-7.981	CO 22	2.983	34.606		-2.876
	Min M_Y	-2.235	-0.317	0.082	7.006	**-33.725**	7.410	CO 7	2.257	34.445	0.082	
	Max M_Z	-1.562	0.700	0.074	1.404	-21.816	**17.166**	CO 6	1.712	21.861	0.074	
	Min M_Z	2.961	-0.363	-2.876	-7.203	33.848	**-7.981**	CO 22	2.983	34.606		-2.876
1086	Max	3.538	3.552	1.298	30.092	42.867	3.105					
	Min	-0.612	-2.586	-6.828	-71.734	-10.280	-8.131					
	Max P_X	**3.538**	-0.070	-3.176	-16.277	42.867	-8.131	CO 22	3.539	45.853		-3.176
	Min P_X	**-0.612**	0.291	1.183	28.357	-10.280	3.105	CO 6	0.678	30.163	1.183	
	Max P_Y	-0.061	**3.552**	-3.175	-63.142	-1.128	-0.137	CO 23	3.553	63.152		-3.175
	Min P_Y	-0.384	**-2.586**	-4.546	-9.108	-6.976	1.381	CO 39	2.614	11.473		-4.546
	Max P_Z	-0.353	-0.986	**1.298**	24.500	-5.911	1.725	CO 42	1.047	25.203	1.298	
	Min P_Z	-0.001	1.299	**-6.828**	-71.734	-0.324	-1.400	CO 15	1.299	71.735		-6.828
	Max M_X	-0.532	0.259	1.256	**30.092**	-8.841	2.910	CO 41	0.592	31.364	1.256	
	Min M_X	-0.001	1.299	-6.828	**-71.734**	-0.324	-1.400	CO 15	1.299	71.735		-6.828
	Max M_Y	3.538	-0.070	-3.176	-16.277	**42.867**	-8.131	CO 22	3.539	45.853		-3.176
	Min M_Y	-0.612	0.291	1.183	28.357	**-10.280**	3.105	CO 6	0.678	30.163	1.183	
	Max M_Z	-0.612	0.291	1.183	28.357	-10.280	**3.105**	CO 6	0.678	30.163	1.183	
	Min M_Z	3.538	-0.070	-3.176	-16.277	42.867	**-8.131**	CO 22	3.539	45.853		-3.176
1420	Max	2.939	3.248	0.131	5.991	33.455	18.077					
	Min	-2.372	-0.628	-4.361	-54.036	-36.129	-7.897					
	Max P_X	**2.939**	-0.349	-2.876	-7.503	33.455	-7.897	CO 22	2.960	34.286		-2.876
	Min P_X	**-2.372**	-0.247	0.089	5.627	-36.129	8.003	CO 7	2.385	36.565	0.089	
	Max P_Y	-0.476	**3.248**	-0.696	-43.592	-7.552	0.971	CO 25	3.283	44.241		-0.696
	Min P_Y	-0.128	**-0.628**	-2.860	-21.071	-2.596	10.958	CO 39	0.641	21.230		-2.860
	Max P_Z	-1.564	0.714	**0.131**	1.886	-22.297	16.285	CO 41	1.719	22.377	0.131	
	Min P_Z	-0.646	0.664	**-4.361**	-40.791	-12.717	-6.582	CO 15	0.926	42.727		-4.361
	Max M_X	-2.151	-0.263	0.128	**5.991**	-32.666	7.068	CO 42	2.167	33.211	0.128	
	Min M_X	-0.092	2.442	-3.615	**-54.036**	-2.692	-1.860	CO 21	2.444	54.103		-3.615
	Max M_Y	2.939	-0.349	-2.876	-7.503	**33.455**	-7.897	CO 22	2.960	34.286		-2.876
	Min M_Y	-2.372	-0.247	0.089	5.627	**-36.129**	8.003	CO 7	2.385	36.565	0.089	
	Max M_Z	-1.782	0.828	0.087	-1.101	-25.672	**18.077**	CO 6	1.965	25.696	0.087	
	Min M_Z	2.939	-0.349	-2.876	-7.503	33.455	**-7.897**	CO 22	2.960	34.286		-2.876

BASIC LOAD CASES

DEAD LOAD	0.0378 PSF (FABRIC)
FLOOR LIVE LOAD	N/A
ROOF LIVE LOAD	5 PSF
ROOF SNOW LOAD	5 PSF
SUPERIMPOSED LOADS	N/A
WIND LOAD	
ULTIMATE DESIGN WIND SPEED (3 SEC GUST)	115 MPH
VELOCITY PRESSURE qz	25.32 PSF
COMPONENT AND CLADDING qz (CABLE AND CABLE HARDWARE ONLY)	25.32 PSF
SEISMIC LOAD	
SEISMIC RESPONSE COEFFICIENTS Cs	1.6
DESIGN BASE SHEAR	25358 LB



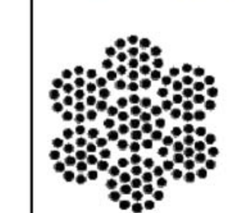
FORGED WIRE ROPE CLAMP

FITTING TYPE ROPE CLAMP
FABRICATION: FORGED
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER 3/8"
NUMBER OF CLAMPS REQUIRED: 2
ROPE TURNBACK: 6 1/2"
FOR WIRE ROPE CONSTRUCTION 7 × 19
ATTACHMENT TYPE: LOOP
CLAMP:WIDTH 2", HEIGHT 1 15/16", THICKNESS 1 11/16"
REQUIRED INSTALLATION TOOL TORQUE WRENCH
REQUIRED TORQUE 45 FT.-LBS.
CAPACITY 80% OF THE ROPE'S CAPACITY
SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450

Aircraft Cable

Preformed, made in accordance with commercial specifications military and federal specification rope available.

Carbon Steel (Aircraft Cable) - Galvanized cable has the highest strength and greatest fatigue life of the materials offered. It has good to fair corrosion resistance in rural to industrial atmosphere environments. This material is most widely used for small diameter cables. Tin over galvanized cable offers greater corrosion resistance and reduced friction over pulleys.



7 x 19

7 x 19 Dia. (In)	Approx. Wt 1000 Ft/lbs	Galvanized Min. Breaking Strengths (lbs)
3/32	17.	1,000
1/8	29.	2,000
5/32	45.	2,800
3/16	65.	4,200
7/32	86.	5,600
1/4	110.	7,000
9/32	139.	8,000
5/16	173.	9,800
3/8	243.	14,400

Multiknit INTERNATIONAL

190/F5 Fire rated specifications

Standard range — Revision 0 28-Oct-12

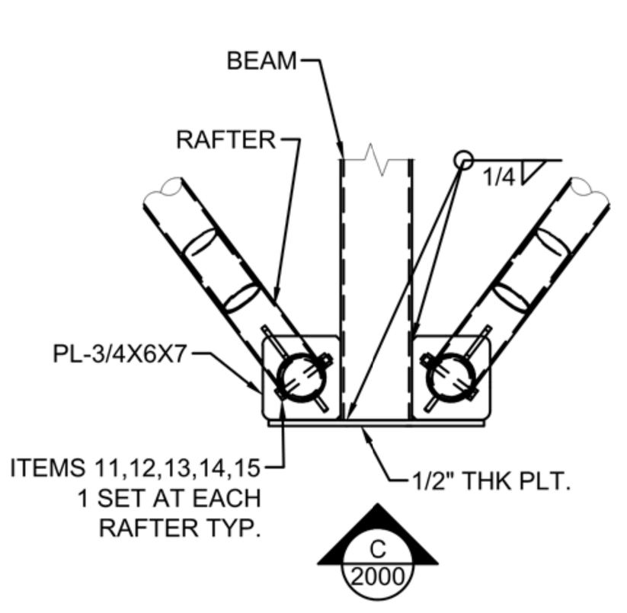
Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Mass ratio
Desert Sand	80	92	185	50	40	72	73	156	0.84
Blue	80	85	185	50	40	72	73	156	0.84
Brown	85		185	50	40	72	73	156	0.84
Green	80	85	185	50	40	72	73	156	0.84
Red	80	86	185	50	40	72	73	156	0.84
Silver	80	81	185	50	40	72	73	156	0.84
Terracotta	75	82	185	50	40	72	73	156	0.84
Yellow	80	89	185	50	40	72	73	156	0.84
				110 LB		159 LB		3258 PSF	

CONVERSION TO IMPERIAL UNITS:
185 GSM = .0378 psf
50 KGS = 110 Lb
72 KGS = 159 Lb
156 Kpa = 3258 psf

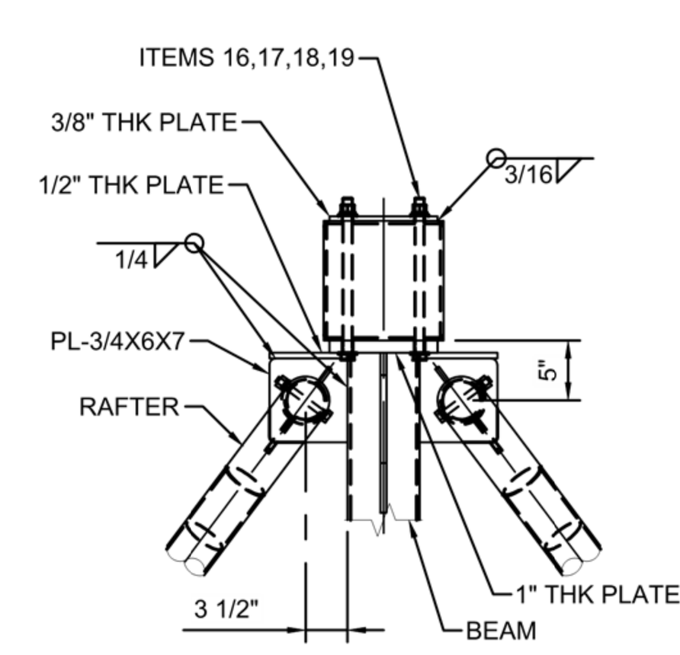
Notes:
- 190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics
- Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min
- This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory, the information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.
Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

pp Deon Joubert
General Manager - Multiknit (Pty) Ltd

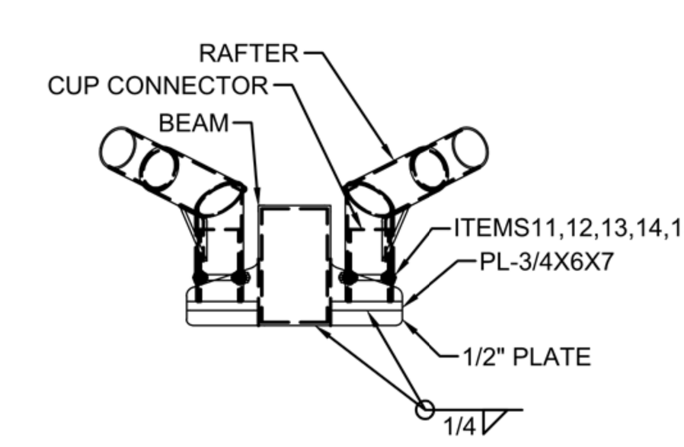
Tommy Rogers
Managing Director - Multiknit (Pty) Ltd



DETAIL-6
REFER TO TOP VIEW PG 1000



DETAIL-7
REFER TO TOP VIEW PG 1000



VIEW C
REFER TO DETAIL-6

12/04/2020

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122993 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 03/01/2023

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119455 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 03/26/2021

USA SHADE & Fabric Structures
CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Rosemead U.S.D.

PROJECT NAME:
Muscatel Middle School

LOCATION:
4201 Ivar Ave.
Rosemead, CA 91770

MODEL NUMBER:
DSA3022060-19

STRUCTURE TYPE:
FULL CANTILEVER HIP JOINED - DSA

SIZE: MAXIMUM
20' x 200' x 15'e MAX.

SCALE : NONE

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT
Code : 2019 CBC
A separate project application for construction is required.

Eng. By :	JO	06/26/20
Design By :	JO	06/26/20
Approved By :	JO	06/26/20

DRAWING DESCRIPTION:
REACTIONS

DWG. DSA3022060-19

SHEET 10.2-2000

REV. NC

ROSEMEAD SCHOOL DISTRICT
RSD - MUSCATEL MIDDLE SCHOOL
CONSTRUCTION OF NEW 20'X60' SHADE STRUCTURE

ROSEMEAD SCHOOL DISTRICT
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4201 IVAR AVENUE
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JUBANY NAC | ARCHITECTURE

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