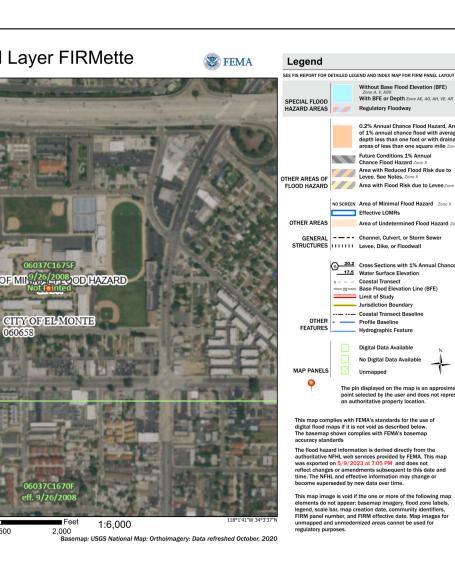
EL MONTE HIGH SCHOOL EL MONTE HIGH SCHOOL - EXTERIOR SHELTER 3048 TYLER AVENUE, EL MONTE, CA

DSA FILE NO.: 19-H10		PTN. : 64519-118	
SCOPE OF WORK	PROJECT DIRECTORY	SHEET INDEX	FEMA MAP
PROVIDE (4) 30' X 30' SHADE STRUCTURES FOR OUTDOOR LEARNING SPACES.	OWNEREL MONTE HIGH SCHOOL 3048 TYLER AVE, EL MONTE, CA 91731 [T]: 626.444.9201 EDDIE CUEVAS, PRINCIPALEL MONTE UNIFIED HIGH SCHOOL DISTRICT 3537 JOHNSON AVENUE, EL MONTE, CA 91731 [T]: 626.444.9005 NORMA MACIAS, OWNER'S AUTHORIZED REPRESENTATIVE	GENERAL G-001 COVER SHEET - INDEX, SCOPE OF WORK & VICINITY MAP G-002 GENERAL NOTES, ABBREVIATIONS & SYMBOL LEGEND G-101 FIRE LIFE SAFETY SITE PLAN ARCHITECTURAL A-101 OVERALL SITE PLAN	National Flood Hazard
CODE ANALYSIS - SHADE STRUCTURE		A-102 EXTERIOR SHADE PLAN	060658
SHADE STRUCTURE CODE ANALYSIS BUILDING OCCUPANCY CONSTRUCTION TYPE AREA (SQ. FT.) OCCUPANT LOAD FACTOR OCCUPANT LOAD SHADE STRUCTURE A-3 V-B 3,600 15 240 NOTICE: FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF IS ANTICIPATED FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF IS ANTICIPATED FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH	ARCHITECT CSDA DESIGN GROUP 610 E. FRANKLIN AVENUE EL SEGUNDO, CA , 90245 [T] 415.321.1104 CHRISTOPHER WARD, ASSOC. PRINCIPAL	PRE-APPROVED USA SHADE DRAWINGSP.C. T-1.0P.C. TITLE SHEETP.C. T-2.0P.C. DOCUMENT15.2-2000USA SHADE 30' X 30' TENSION SAILS DSA4183030-19 REACTIONS15.1-1000USA SHADE 30' X 30' TENSION SAILS DSA4183030-19 PRODUCT INFORMATIONSHEET COUNT : 09	
		ΝΟΤΕς	
STRUCTURAL CODE ANALYSIS STRUCTURAL DESIGN CRITERIA: CODES MAR WORK SHALL BE IN CONFORMANCE WITH THE CALIFORNIA CAL WORK SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MINING CODE (CBC) 2019 EDITION, INCLUDING ALL AMENDMENTS. AL STANDARDS USED SHALL BE THE LATEST VERSION APPROVED BY THE CODE ENFORCEMENT AGENCY ON THE DATE OF THE PERMIT SUBJORT UNFORMATION MINING NOED VITH 102 MPH (3 SEC GUST) EXPOSURE = C INTERNAL PRESSURE COEFF. = +/-0.18 SISMIC DESIGN INFORMATION MINING STRUCTURE STR	Roseneed Wortigate Market Interpretation Bit of the Burket Interpretation Bit of the Burket	 NOTES ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR). 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" CLASS 2 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DISA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. 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). GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL 	
APPLICABLE CODES	LOCATION MAP	COMPLY WITH ALL LOCAL ORDINANCES.	STATEMENT
 THE WORK ON PUBLIC SCHOOL PROJECTS IN CALIFORNIA IS ADMINISTERED AND ENFORCED BY THE DIVISION OF THE STATE ARCHTECT (DSA), INCLUSING THE STRUCTURAL SAFETY SECTION, THE ACCESS COMPLIANCE SECTION, AND THE STATE FIRE MARSHALL. 1. STATUTORY & JUDICIAL REGULATIONS: A. 2022 BUILDING STANDARDS ADMINSTRATIVE CODE, PART 1, TITLE 24 C.C.R. B. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, TITLE 24 C.C.R. C. 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3 TITLE 24 C.C.R. E. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. E. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. F. 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. G. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 54 C.C.R. H. 2022 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 C.C.R. 	El Monte Lubrary Sandblasting, Inc El Monte Asuette Center El Monte Asuette Center Midred St Monte El Monte El Monte Bible Andership Bible Andership<	•TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION.	THE DRAWING SHEETS OTHER DESIGN PROFES AUTHORIZED TO PREPA HAVE EXAMINED THE D (1) DESIGN INTENT AND REQUIREMENTS OF TIT PROJECT SPECIFICATION (2) COORDINATION WIT ACCEPTABLE FOR INCO THE STATEMENT OF GE RELIEVING ME OF MY F 17302 AND 81138 OF T 4-344" OF TITLE 24, PA

DSA APPLICATION NO.: 03-123272



T OF GENERAL CONFORMANCE

S LISTED ON THE SHEET INDEX HAVE BEEN PREPARED BY SSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR PARE SUCH DRAWINGS IN THE STATE OF CALIFORNIA. I DRAWINGS FOR:

ND THEY APPEAR TO MEET THE APPROPRIATE ITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE ONS PREPARED BY MYSELF, AND

/ITH MY PLANS AND SPECIFICATIONS, AND ARE ORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RIGHTS, DUTIES, AND RESPONSIBLITIES UNDER SECTIONS THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND PART 1. [PER TITLE 24, PART 1, SECTION 4-317(B)]

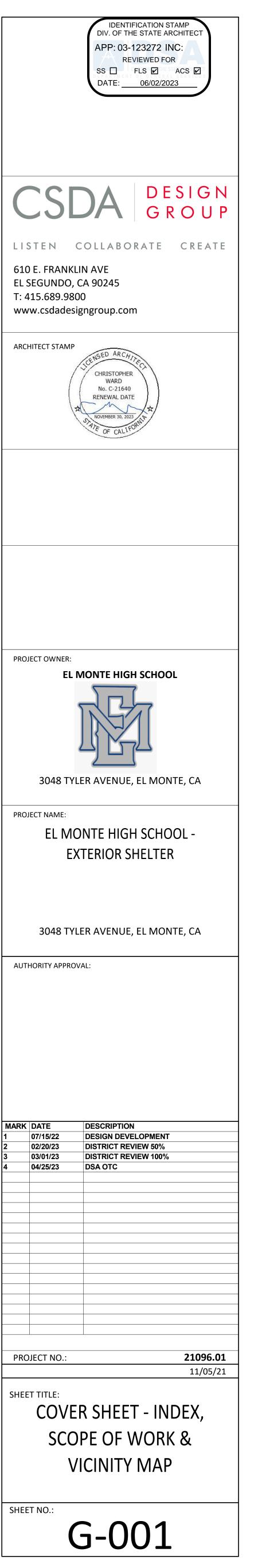
I FIND THAT:

ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET

☐ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE OF ARCHITECT DESIGNATED TO BE IN RESPONSIBLE CHARGE

RESPONSIBLE DESIGN PROFESSIONAL



GENERAL NOTES

1. ALL CONSTRUCTION AND ALL ON-SITE AND SITE-RELATED ACTIVITIES SHALL COMPLY WITH ALL CURRENT APPLICABLE CODES. ORDINANCES AND STATUTES.

2. DRAWINGS AND SPECIFICATIONS, INTEGRAL OR SEPARATELY PACKAGED, REPRESENT FINISHED CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, SHORING AND TEMPORARY BRACING.

3. WRITTEN DIMENSIONS GOVERN OVER SCALED DIMENSIONS. EXISTING BUILDING DIMENSIONS ARE FOR GUIDANCE ONLY, AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE COMMENCING WORK. OMISSION OR CONFLICTS BETWEEN VARIOUS ELEMENTS IN THE DRAWINGS, NOTES AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED BEFORE PROCEEDING WITH THE WORK.

4. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING EXISTING MECHANICAL, ELECTRICAL, PLUMBING AND/OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT. INSPECT THOSE AREAS AND ASCERTAIN WORK NEEDED. PERFORM THAT WORK IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.

5. NO DEVIATION FROM THE APPROVED DRAWINGS AND SPECIFICATIONS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. ANY DEVIATION OR MODIFICATION FROM THE DSA APPROVED PLANS AFFECTING THE HEALTH, FIRE/LIFE SAFETY, STRUCTURAL INTEGRITY, OR ACCESSIBILITY SHALL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL PRIOR TO COMMENCING SUCH WORK. THE ARCHITECT'S INTERPRETATION OF THESE DOCUMENTS SHALL BE FINAL. ALL MATTERS OF COLOR, TEXTURE, DESIGN AND INTERPRETATION OF DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ARCHITECT BY THE CONTRACTOR FOR RESOLUTION BY HIM OR HER.

6. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING THE JOB TO FAMILIARIZE HIMSELF / HERSELF IN DETAIL AS TO THE EXTENT OF THE WORK REQUIRED AND THE EXISTING CONDITIONS, AND SHALL TAKE THESE INTO CONSIDERATION IN THE COST OF THE BID. UPON BEING AWARDED A CONTRACT AND BEFORE BEGINNING WORK AT THE SITE, THE CONTRACTOR IS TO INSPECT AND VERIFY THE CONDITION OF EVERY ITEM AFFECTED BY THE WORK UNDER THIS CONTRACT, AND TO IMMEDIATELY REPORT DISCREPANCIES WITH THE PROJECT DOCUMENTS TO THE ARCHITECT.

7. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND LICENSES, AND SHALL POST OR PUBLISH, AS REQUIRED, ALL NECESSARY NOTICES PRIOR TO PERFORMING ANY WORK ON SITE. THE COSTS OF THESE PERMITS, LICENSES AND NOTICES IS INCIDENTAL TO OTHER ITEMS OF WORK AND NO ADDITIONAL PAYMENTS WILL BE MADE FOR COSTS INCURRED FOR PERMITS, LICENSES AND NOTICES OR IN CONFORMING TO THE REQUIREMENTS THEREOF.

8. THE CONTRACTOR SHALL FURNISH THREE (3) SETS OF SHOP DRAWINGS AND PERFORMANCE SPECIFICATIONS AS REQUESTED FOR REVIEW AND APPROVAL OR REJECTION BY THE ARCHITECT OR ENGINEER PRIOR TO FABRICATION OR DELIVERY OF MATERIAL. REVIEW OF SUCH SHOP DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLYING WITH ALL CONTRACT REQUIREMENTS.

9. ANY WORK OR MATERIALS NOT DIRECTLY NOTED IN THE CONTRACT DOCUMENTS, BUT NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE INTENT THEREOF, ARE IMPLIED AND ARE TO BE PROVIDED AS IF SPECIFICALLY DESCRIBED AT NO ADDITIONAL COST.

10. THE CONTRACTOR SHALL PHOTOGRAPH EXISTING CONDITIONS AT START OF JOB AND VERIFY FUNCTIONALITY OF ELECTRICAL AND MECHANICAL SYSTEMS. ALL DAMAGED AND NON-FUNCTIONING ITEMS NOT IDENTIFIED SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF THE PROJECT.

11. TRUCK ROUTES USED FOR THE CONSTRUCTION OF THIS PROJECT ARE TO BE SUBMITTED TO AND APPROVED BY ALL RELEVANT JURISDICTIONS, AS REQUIRED.

12. THE CONTRACTOR SHALL ASSUME CARE, CUSTODY & RESPONSIBILITY FOR SAFEGUARDING THE OWNER'S PROPERTY OF EVERY KIND, WHETHER FIXED OR PORTABLE. BEFORE BEGINNING WORK AT THE SITE THE CONTRACTOR SHALL INSPECT AND DETERMINE THE EXTENT OF EXISTING FINISHES, SPECIALTY ITEMS, CASEWORK, EQUIPMENT AND OTHER ITEMS WHICH MUST BE PRESERVED AND PROTECTED, AND/OR REMOVED TO BE PROPERLY STORED AND RE-INSTALLED, IN ORDER TO PERFORM THE WORK UNDER THIS CONTRACT. THE CONTRACTOR SHALL PROVIDE ALL FORMS OF SECURITY AND PROTECTION NECESSARY TO PROTECT OWNER'S PROPERTY, REGARDLESS OF THE CAUSE.

13. THE CONTRACTOR SHALL REPAIR, REPLACE OR OTHERWISE RESTORE ANY DAMAGED PROPERTY UNDER THE CONTRACTOR'S CARE.

14. IN THE DEMOLITION DRAWINGS, DASHED LINES INDICATE CONSTRUCTION FIXTURES OR ITEMS TO BE REMOVED OR SALVAGED. 'REMOVE' MEANS DEMOLITION AND DISPOSAL OF ITEMS. 'SALVAGE' MEANS CAREFUL EXTRACTION AND PROTECTION FOR REINSTALLATION, STORAGE OR OTHER DISPOSAL, AS DIRECTED. ITEMS NOT SPECIFICALLY NOTED FOR SALVAGE, ARE TO BE REMOVED AND DISPOSED OF.

15. THE CONTRACTOR SHALL MAINTAIN FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION AND SHALL USE CONSTRUCTION MATERIALS, THAT COMPLY WITH ALL APPLICABLE FIRE-RELATED REGULATIONS.

16. EACH CONTRACTOR AND SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND WASTE IN THEIR AREA OF WORK AT LEAST TWICE A WEEK AND SHALL AT ALL TIMES OPERATE IN A CLEAN AND SAFE MANNER. TRASH AND CONSTRUCTION RELATED DEBRIS MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION BY RAINWATER OR DISPERSAL BY WIND OR ANIMALS. AT THE COMPLETION OF THE PROJECT, CONTRACTOR SHALL TURN OVER AN ACCEPTABLY CLEAN SITE TO OWNER.

17. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE OR FOOT TRAFFIC. SITE ACCESS WAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY OR ADJOINING PROPERTIES. ANY SUCH ACCIDENTAL OR OTHER DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

18. FUELS, OILS AND SOLVENTS AND OTHER TOXIC OR NON-NATIVE MATERIALS MUST NOT CONTAMINATE ANY SOILS, SURFACE WATERS OR GROUND WATER, AND MUST BE STORED IN ACCORDANCE WITH THEIR LISTING IN APPROVED STORAGE CONTAINERS, FULLY PROTECTED FROM WIND, RAIN AND ANIMALS. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN THE PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE STORMWATER OR SEWAGE SYSTEMS.

19. HAZARDOUS MATERIALS MAY BE PRESENT ON SITE. THE CONTRACTOR IS TO REVIEW THE DISTRICT'S HAZMAT DOCUMENTS AND GET DIRECTION FROM THE DISTRICT REGARDING REMOVAL OF HAZARDOUS MATERIALS. SHOULD CONTRACTOR DISCOVER WHAT IS BELIEVED TO BE HAZARDOUS MATERIALS, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY AND WAIT FOR DIRECTION. NOTHING IN THESE DOCUMENTS INDICATE OR INVOLVE REMOVAL OR HANDLING OF HAZARDOUS MATERIALS.

20. NO MOTOR VEHICLES ARE TO BE STORED IN BUILDINGS UNDER CONSTRUCTION.

21. THERE SHALL NOT BE ANY TRESPASSING ON ANY ADJOINING PROPERTY. NO MATERIALS SHALL BE STORED ON ANY ADJOINING PROPERTY. REPRESENTATIVES OF THE OWNER AND OF THE CONTRACTOR ARE TO INSPECT ALL SIDEWALKS, ROADWAYS AND ADJOINING PROPERTIES PRIOR TO COMMENCING WORK. ALL EXISTING DAMAGE SHALL BE NOTED AND AGREED TO BY BOTH PARTIES. ANY DAMAGE TO THESE SIDEWALKS, ROADWAYS OR ADJOINING PROPERTIES OCCURRING DURING THIS CONTRACT SHALL BE REPAIRED PRIOR TO COMPLETION.

22. NO MATERIALS OR EQUIPMENT SHALL BE STORED ON THE PUBLIC RIGHT OF WAY UNLESS AND ENCROACHMENT PERMIT IS FIRST OBTAINED FROM THE APPROPRIATE LOCAL AUTHORITY.

23. ALL PAINT AND STAIN MATERIALS MUST COMPLY WITH LOCAL, STATE AND FEDERAL AIR POLLUTION CONTROL MANDATES.

24. ALL CONSTRUCTION APPARATUS AND ACTIVITIES SHALL BE LIMITED TO DESIGNATED AREAS. ALL WORK SHALL BE DONE IN A MANNER WHICH WILL NOT ENDANGER USERS OF THE FACILITIES OR THE PUBLIC.

25. THE CONTRACTOR SHALL FUMIGATE BUILDING(S) AND EMPLOY LICENSED PEST CONTROL CONTRACTOR TO REMOVE ANY INSECTS, BIRDS, OR RODENTS ON SITE, AND TO CLEAN UP CARCASSES AND DROPPINGS DURING CONSTRUCTION & PRIOR TO SUBSTANTIAL COMPLETION.

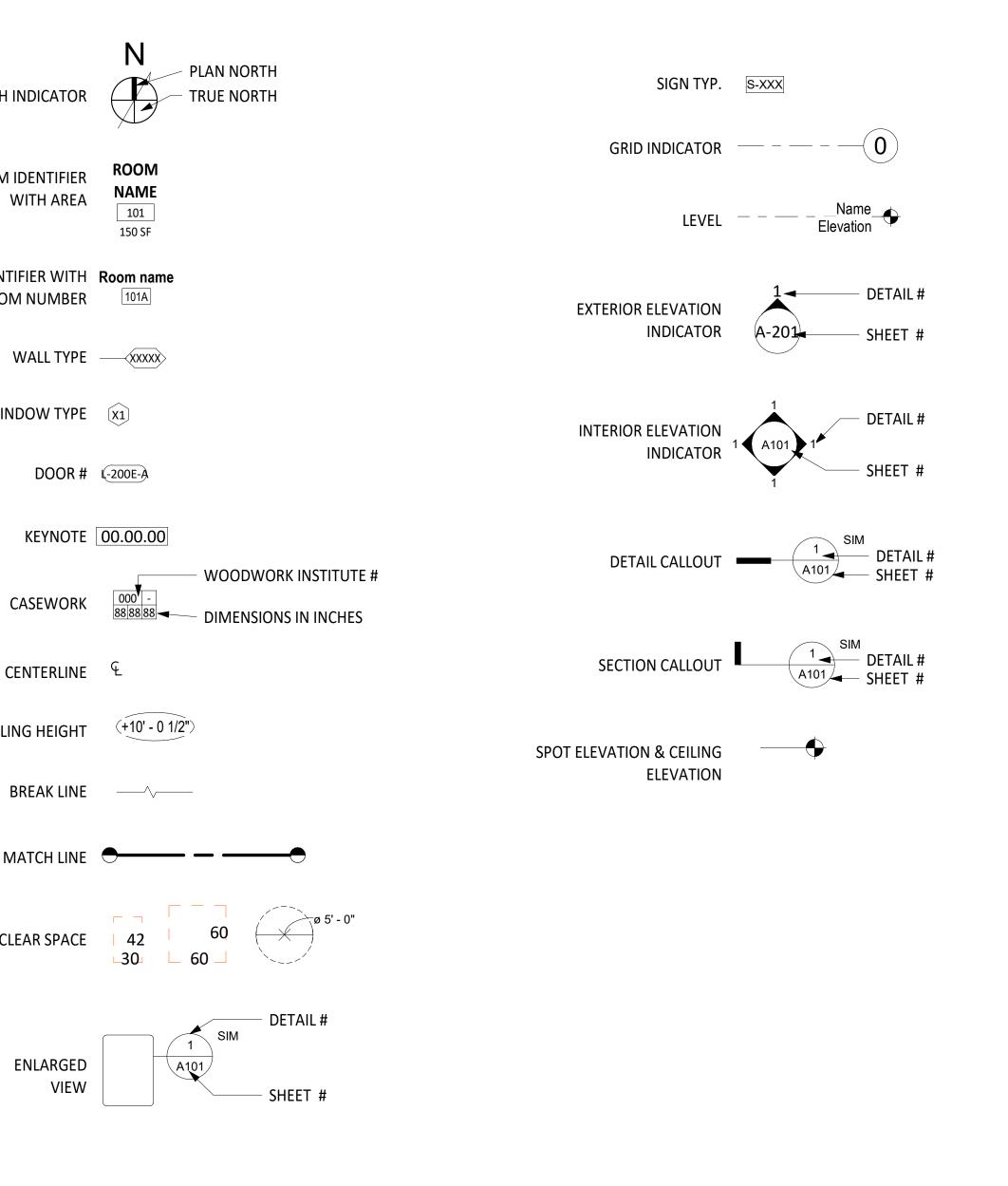
27. ALL CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY AND WHAT IS SPECIFIED BY ONE SHALL BE BINDING AS IF SPECIFIED BY ALL. ANY WORK SHOWN OR REFERRED TO ON CONSTRUCTION DOCUMENTS, WHETHER DRAWINGS OR SPECIFICATIONS, SHALL BE PROVIDED AS THOUGH IT WERE SHOWN ON ALL RELATED DOCUMENTS. GENERAL NOTES APPLY TO ENTIRE PROJECT. SHEET NOTES	IN THIS PROJ	BREVIATIONS A
APPLY TO ENTIRE SHEET ON WHICH THEY OCCUR. KEY NOTES APPLY TO THE SERIES OF DRAWINGS TO WHICH THEY BELONG.	d # AB	POUND OR N
28. N.I.C. ITEMS ARE SHOWN FOR SCOPE COORDINATION PURPOSES ONLY, AND ARE NOT A PART OF THE DSA APPROVAL.	AC A/C ACC	ASPHALTIC (AIR CONDITI ACCESSIBLE
29. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL NOT WORK BEFORE OR AFTER THE HOURS PERMITTED BY LOCAL GOVERNMENT AGENCIES & HUSD, AND IN NO CASE PRIOR TO 6:00 AM EACH WEEKDAY AND 8:00 AM ON WEEKENDS AND HOLIDAYS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALLOWABLE WORKING HOURS.	ACOUS ACS PNL ACST ACT ADA	ACOUSTICAI ACCESS PAN ACOUSTIC ACOUSTICAI AMERICANS
30. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR VENT, DUCT, CONDUIT SLEEVE PENETRATIONS, ETC. NOT SHOWN ON THE ARCHITECTURAL DRAWINGS.	ADDL ADH ADJ ADMIN AFF	ADDITIONAL ADHESIVE ADJUSTABLE ADMINISTRA ABOVE FINIS
31. CONTRACTOR SHALL NOT DRILL, CUT OR CORE DRILL ANY EXISTING FLOOR, WALL OR ROOF JOISTS, BEAMS, COLUMNS OR OTHER STRUCTURAL ELEMENTS UNLESS SPECIFICALLY INDICATED ON THE DSA APPROVED DRAWINGS OR PRIOR APPROVAL OBTAINED BY A.O.R. OR S.E.O.R. & DSA PRIOR TO COMMENCING SUCH WORK, AND SHALL MAKE OPENINGS OF PROPER SIZE FOR CONDUITS, DUCTS, PIPES OR OTHER ITEMS PASSING THROUGH. DO NOT PROGRESS WITH SUCH WORK BEFORE FIRST SECURING THE CONCURRENCE AND APPROVAL OF THE STRUCTURAL ENGINEER AND/OR ARCHITECT & DSA, (UNLESS SPECIFICALLY INDICATED ON DSA APPROVED DRAWINGS) AND ALL PENETRATIONS CAUSED BY THIS WORK SHALL BE TREATED FOR A TIGHT SEAL BY THE CONTRACTOR USING A	AGGR ALT ALUM ANOD APPROX ARCH ASPH BD BFF BITUM BLDG	AGGREGATE ALTERNATE ALUMINUM ANODIZED APPROXIMA ARCHITECT ASPHALT BOARD BELOW FINIS BITUMINOUS BUILDING
MATERIAL OF THE SAME INTEGRITY AS THE EXISTING PENETRATION. IF DETAILS DO NOT SHOW OR CONFORM TO THE APPROVED DRAWINGS, THEN REVIEW OF DETAILS TAKES PLACE BEFORE ANY WORK IS STARTED. APPROVAL BY ARCHITECT, STRUCTURAL ENGINEER AND ANY OTHER APPLICABLE AUTHORITY IS REQUIRED. WORK SHALL BE COORDINATED WITH SCHOOL SCHEDULE THROUGH THE CONSTRUCTION MANAGER.	BLDG BLK BM BOT BSMT BTWN BUR	BLOCK BEAM BOTTOM BASEMENT BETWEEN BUILT-UP RC
32. CONTRACTORS SHALL REPAIR, PATCH AND FINISH OR REFINISH TO MATCH ADJACENT EXISTING FINISHES ON ANY NEW OR OLD STRUCTURES OR FINISHES WHICH ARE DAMAGED BY CUTTING, GRINDING, DRILLING, DEMOLITION OR OTHER MEANS DURING CONSTRUCTION.	CAB CB CBB CER CG CJ	CABINET CATCH BASI CEMENTITIO CERAMIC CORNER GU CONTROL JO
33. WHERE CONDUIT, DUCTS, PIPES AND SIMILAR ITEMS ARE SHOWN TO BE INSTALLED IN EXISTING WALLS OR PARTITIONS, NEATLY CHASE THE WALLS OR PARTITIONS, INSTALL THE ITEMS, AND PATCH THE WALLS OR PARTITIONS. MAKE THE INSTALLATION INDISCERNIBLE IN THE FINISHED WORK. APPROVAL BY A.O.R. IS REQUIRED.	CL CLG CLO CLR CLR ANOD CLRM	CENTER LIN CEILING CLOSET CLEAR CLEAR ANOI CLASSROOM CONCRETE
34. SEAL TIGHT AND PROTECT WITH FIRE SAVING NEW SLEEVES AND OPENINGS THROUGH FIRE RATED PARTITIONS.	CMU COL CONC CONF	CONCRETE COLUMN CONCRETE CONFERENC
35. WHERE "MATCH EXISTING" IS INDICATED, NEW CONSTRUCTION OR FINISHES ARE REQUIRED TO MATCH THE EXISTING PRODUCTS, MATERIALS AND FINISHES.	CONN CONSTR CONT CONTR CORR	CONNECTIO CONSTRUCT CONTINUOU CONTRACTO CORRIDOR
36. PAINT ALL EXPOSED CONDUITS, METALS, PIPES, DUCTS, ETC. (U.O.N.). COLORS TO BE SELECTED BY THE ARCHITECT.	CORR CPT CSK CT	CORRIDOR CARPET COUNTER S CERAMIC TIL
37. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS OF REQUIRED SIZES WHERE PLUMBING AND HEATING VALVES NEED TO BE ACCESSIBLE.	CTR DBL DEMO DET(S)	DOUBLE DEMOLITION DETAIL(S)
38. CONNECTIONS OF ALL DISSIMILAR METAL ITEMS SHALL BE FURNISHED WITH DIELECTRIC SEPARATORS. THE CONTRACTOR TO ENSURE COORDINATION WITH ALL TRADES TO PREVENT ELECTROLYSIS.	DF DIA DIM DISP	DRINKING FO DIAMETER DIMENSION DISPENSER
39. WHERE WORK IS PERFORMED THAT AFFECTS EXISTING PAINT FINISHES, THE CONTRACTOR SHALL REPAINT AFFECTED AREA TO NEAREST CLEAR BREAK POINT OR WHERE NOTED BY A.O.R.	DN DR DR OPNG DS DWG(S)	DOWN DOOR DOOR OPEN DOWNSPOU DRAWING(S'
40. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY BACKBOARDS, ELECTRICAL OUTLETS, CONDUITS, ETC. AS REQUIRED BY THE OWNER'S TELEPHONE COMPANY, TO ACCOMMODATE THEIR INSTALLATION.		
41. ALL ELECTRICAL, PHONE, ELECTRONIC, MECHANICAL, PLUMBING AND OTHER LINES SHALL BE CONCEALED UNLESS OTHERWISE NOTED.		
42. NO THERMOSTATS SHALL BE LOCATED IN THE CENTER OF WALLS, OR IN ANY OTHER CONSPICUOUS LOCATIONS, WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.	SYMBO	DLS
43. ALL MECHANICAL , PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7, CHAPTER 13.		NORTH
44. PROOF LOAD TEST FOR EXPANSION ANCHOR BOLTS, ALL CONCRETE ANCHOR BOLTS OF THE EXPANSION TYPE (LOADED IN EITHER PULLOUT OR SHEAR) SHALL BE PROOF TESTED AS SPECIFIED IN CBC SECTION 1910A.5.7. IF THERE ARE ANY FAILURES, THE IMMEDIATELY ADJACENT BOLTS MUST ALSO BE TESTED. ALL TEST RESULTS MUST BE IMMEDIATELY REPORTED TO THE ARCHITECT, STRUCTURAL ENGINEER & DSA.		ROOM
45. EXIT SIGNS AND DIRECTIONAL SIGNS CONFORMING TO ALL APPLICABLE CODES AND REGULATIONS, INCLUDING TITLE 24, CCR SHALL BE PROVIDED.		ROOM ΙΠΕΝΙΤ
SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY		ROOM IDENT ROON
SHALL BE PROVIDED.		
SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM U.O.N. IN THE EVENT OF ITS FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY SYSTEM AND SHALL BE SUPPLIED FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR SET AND		
 SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM U.O.N. IN THE EVENT OF ITS FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY SYSTEM AND SHALL BE SUPPLIED FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR SET AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. 47. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL EFFORT OR KNOWLEDGE. FLUSH 		ROON
 SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM U.O.N. IN THE EVENT OF ITS FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY SYSTEM AND SHALL BE SUPPLIED FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR SET AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. 47. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL EFFORT OR KNOWLEDGE. FLUSH BOLTS OR SURFACE BOLTS ARE PROHIBITED, SPECIAL LOCKING DEVICES SHALL BE AN APPROVED TYPE ONLY. 48. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY LIGHTING SYSTEM OF 5 FOOT- CANDLES OR MORE DESIGNED TO OPERATE WHEN THE BUILDING POWER SOURCE IS INTERRUPTED. 49. THE EQUIPMENT MANUFACTURER OR PRODUCT BRAND SPECIFIED IS USED AS A MEASURE OF QUALITY AND UTILITY OR AS A STANDARD. IF THE CONTRACTOR DESIRES TO MAKE A SUBSTITUTION, IT SHALL BE HIS OR HER RESPONSIBILITY TO PROVIDE PROOF THAT THE SUBSTITUTION IS OF EQUAL QUALITY. THE OWNER SHALL ACCEPT OR REJECT THE REQUEST FOR SUBSTITUTION AND THE DECISION SHALL BE FINAL. THE CONTRACTOR SHALL PROVIDE A LIST OF PROPOSED SUBSTITUTIONS DURING THE BID PERIOD OR PRIOR 		ROON WIN (
 SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM U.O.N. IN THE EVENT OF ITS FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY SYSTEM AND SHALL BE SUPPLIED FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR SET AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. 47. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL EFFORT OR KNOWLEDGE. FLUSH BOLTS OR SURFACE BOLTS ARE PROHIBITED, SPECIAL LOCKING DEVICES SHALL BE AN APPROVED TYPE ONLY. 48. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY LIGHTING SYSTEM OF 5 FOOT- CANDLES OR MORE DESIGNED TO OPERATE WHEN THE BUILDING POWER SOURCE IS INTERRUPTED. 49. THE EQUIPMENT MANUFACTURER OR PRODUCT BRAND SPECIFIED IS USED AS A MEASURE OF QUALITY AND UTILITY OR AS A STANDARD. IF THE CONTRACTOR DESIRES TO MAKE A SUBSTITUTION, IT SHALL BE HIS OR HER RESPONSIBILITY TO PROVIDE PROOF THAT THE SUBSTITUTION IS OF EQUAL QUALITY. THE OWNER SHALL ACCEPT OR REJECT THE REQUEST FOR SUBSTITUTION AND THE DECISION SHALL BE FINAL. THE CONTRACTOR SHALL PROVIDE A LIST OF PROPOSED SUBSTITUTIONS DURING THE BID PERIOD OR PRIOR TO CONSTRUCTION. 50. WHEN REQUIRED, FIRE-RATED GYPSUM WALLBOARD AND/OR PLASTER WALL AND CEILINGS ARE BROKEN TO ANY EXTENT, THE DAMAGED GYPSUM WALLBOARD AND/OR PLASTER SHALL BE REPLACED OR RETURNED TO THE REQUIRED LEVEL OF FIRE RESISTANCE 		ROON
 SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM U.O.N. IN THE EVENT OF ITS FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY SYSTEM AND SHALL BE SUPPLIED FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR SET AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. 47. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL EFFORT OR KNOWLEDGE. FLUSH BOLTS OR SURFACE BOLTS ARE PROHIBITED, SPECIAL LOCKING DEVICES SHALL BE AN APPROVED TYPE ONLY. 48. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY LIGHTING SYSTEM OF 5 FOOT- CANDLES OR MORE DESIGNED TO OPERATE WHEN THE BUILDING POWER SOURCE IS INTERRUPTED. 49. THE EQUIPMENT MANUFACTURER OR PRODUCT BRAND SPECIFIED IS USED AS A MEASURE OF QUALITY AND UTILITY OR AS A STANDARD. IF THE CONTRACTOR DESIRES TO MAKE A SUBSTITUTION, IT SHALL BE HIS OR HER RESPONSIBILITY TO PROVIDE PROOF THAT THE SUBSTITUTION IS OF EQUAL QUALITY. THE OWNER SHALL ACCEPT OR REJECT THE REQUEST FOR SUBSTITUTION AND THE DECISION SHALL BE FINAL. THE CONTRACTOR SHALL PROVIDE A LIST OF PROPOSED SUBSTITUTIONS DURING THE BID PERIOD OR PRIOR TO CONSTRUCTION. 50. WHEN REQUIRED, FIRE-RATED GYPSUM WALLBOARD AND/OR PLASTER WALL AND CEILINGS ARE BROKEN TO ANY EXTENT, THE DAMAGED GYPSUM WALLBOARD AND/OR PLASTER SHALL BE REPLACED OR RETURNED TO THE REQUIRED LOF FIRE RESISTANCE USING A LISTED REPAIR SYSTEM OR USING MATERIALS AND METHODS EQUIVALENT TO THE ORIGINAL CONSTRUCTION, AS PER CFC 		ROOM WIN C
 SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM U.O.N. IN THE EVENT OF ITS FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY SYSTEM AND SHALL BE SUPPLIED FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR SET AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. 47. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL EFFORT OR KNOWLEDGE. FLUSH BOLTS OR SURFACE BOLTS ARE PROHIBITED, SPECIAL LOCKING DEVICES SHALL BE AN APPROVED TYPE ONLY. 48. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY LIGHTING SYSTEM OF 5 FOOT- CANDLES OR MORE DESIGNED TO OPERATE WHEN THE BUILDING POWER SOURCE IS INTERRUPTED. 49. THE EQUIPMENT MANUFACTURER OR PRODUCT BRAND SPECIFIED IS USED AS A MEASURE OF QUALITY AND UTILITY OR AS A STANDARD. IF THE CONTRACTOR DESIRES TO MAKE A SUBSTITUTION, IT SHALL BE HIS OR HER RESPONSIBILITY TO PROVIDE PROOF THAT THE SUBSTITUTION IS OF EQUAL QUALITY. THE OWNER SHALL ACCEPT OR REJECT THE REQUEST FOR SUBSTITUTION AND THE DECISION SHALL BE FINAL. THE CONTRACTOR SHALL PROVIDE A LIST OF PROPOSED SUBSTITUTIONS DURING THE BID PERIOD OR PRIOR TO CONSTRUCTION. 50. WHEN REQUIRED, FIRE-RATED GYPSUM WALLBOARD AND/OR PLASTER WALL AND CEILINGS ARE BROKEN TO ANY EXTENT, THE DAMAGED GYPSUM WALLBOARD AND/OR PLASTER SHALL BE REPLACED OR RETURNED TO THE REQUIRED LEVEL OF FIRE RESISTANCE USING A LISTED REPAIR SYSTEM OR USING MATERIALS AND METHODS EQUIVALENT TO THE ORIGINAL CONSTRUCTION, AS PER CFC 		ROOM WIN C
 SHALL BE PROVIDED. 46. FIXTURES REQUIRED FOR EXIT ILLUMINATIONS SHALL BE SUPPLIED FROM SEPARATE SOURCES OF POWER. THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM U.O.N. IN THE EVENT OF ITS FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY SYSTEM AND SHALL BE SUPPLIED FROM STORAGE BATTERIES OR AN ON-SITE GENERATOR SET AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. 47. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL EFFORT OR KNOWLEDGE. FLUSH BOLTS OR SURFACE BOLTS ARE PROHIBITED, SPECIAL LOCKING DEVICES SHALL BE AN APPROVED TYPE ONLY. 48. ALL EXIT WAYS IN THE AREA OF WORK SHALL BE EQUIPPED WITH AN APPROVED EMERGENCY LIGHTING SYSTEM OF 5 FOOT- CANDLES OR MORE DESIGNED TO OPERATE WHEN THE BUILDING POWER SOURCE IS INTERRUPTED. 49. THE EQUIPMENT MANUFACTURER OR PRODUCT BRAND SPECIFIED IS USED AS A MEASURE OF QUALITY AND UTILITY OR AS A STANDARD. IF THE CONTRACTOR DESIRES TO MAKE A SUBSTITUTION, IT SHALL BE HIS OR HER RESPONSIBILITY TO PROVIDE PROOF THAT THE SUBSTITUTION IS OF EQUAL QUALITY. THE OWNER SHALL ACCEPT OR REJECT THE REQUEST FOR SUBSTITUTION AND THE DECISION SHALL BE FINAL. THE CONTRACTOR SHALL PROVIDE A LIST OF PROPOSED SUBSTITUTIONS DURING THE BID PERIOD OR PRIOR TO CONSTRUCTION. 50. WHEN REQUIRED, FIRE-RATED GYPSUM WALLBOARD AND/OR PLASTER WALL AND CEILINGS ARE BROKEN TO ANY EXTENT, THE DAMAGED GYPSUM WALLBOARD AND/OR PLASTER SHALL BE REPLACED OR RETURNED TO THE REQUIRED LEVEL OF FIRE RESISTANCE USING A LISTED REPAIR SYSTEM OR USING MATERIALS AND METHODS EQUIVALENT TO THE ORIGINAL CONSTRUCTION, AS PER CFC SECTION 703.1 (MAINTENANCE OF FIRE-RESISTIVE CONSTRUCTION) OR ANY OTHER APPLICABLE REGULATION. 51. CONTRACTOR IS TO VERITY ALL EXISTING DIMENSIONS WHERE NEW CONSTRUCTION IS DEPENDENT ON EXISTING DIMENSIONS,		ROOM WIN C CEILII E

54. ALL WALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD.

55. PROVIDE BACKING FOR ALL WALL MOUNTED OR CEILING MOUNTED EQUIPMENT EVEN IF NOT NOTED. POSITIVE CONNECTION IS **REQUIRED THROUGH OUT THE PROJECT..**

ABBREVIATIONS

EACH EXIT DEVICE EXPANSION JOINT ELEVATION ELECTRICAL ELEVATOR EMERGENCY ENCLOSURE EQUAL EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MATL MAX MB MECH MEMB MEZZ MFR MH MIN MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS PLYWD	MATERIAL MAXIMUM MACHINE BOLT MECHANICAL MEMBRANE MEZZANINE MANUFACTURER MANUFACTURER MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SC SCD SCHED SCW SD SD SECT SED SF SHT SIM SLD SLNT SMD SNR SPD SNR SPD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STD STL STOR STL STD STL STOR STL STOR STL STOR STL STOR STL STOR STL STD STL STOR STL STD STL STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STD STL STL STD STL STL STL STL STL STL STL STL STL STL	SEALED CONCRETE SEE CIVIL DRAWINGS SCHEDULE SOLID CORE WOOD SOAP DISPENSER SMOKE DETECTOR SECTION SEE ELECTRICAL DRAWINGS SQUARE FEET SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM TONGUE AND GROOVE
EXPANSION JOINT ELEVATION ELECTRICAL ELEVATOR EMERGENCY ENCLOSURE EQUAL EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FIRE HEAD WOOD SCREW FINISH FINISHED FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MB MECH MEMB MEZZ MFR MH MIN MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MACHINE BOLT MECHANICAL MEMBRANE MEZZANINE MANUFACTURER MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SCHED SCW SD SD SECT SED SF SHT SIM SLD SLNT SMD SNR SPD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STA STA STA STA STA STA STA STA STA STA	SCHEDULE SOLID CORE WOOD SOAP DISPENSER SMOKE DETECTOR SECTION SEE ELECTRICAL DRAWINGS SQUARE FEET SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
ELECTRICAL ELEVATOR EMERGENCY ENCLOSURE EQUAL EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD MACHINE SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING	MEMB MEZZ MFR MH MIN MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MEMBRANE MEZZANINE MANUFACTURER MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SD SD SECT SED SF SHT SIM SLD SLNT SMD SNR SPD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STOR STL STA STA STA STA STA STA STA STA STA STA	SOAP DISPENSER SMOKE DETECTOR SECTION SEE ELECTRICAL DRAWINGS SQUARE FEET SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
ELEVATOR EMERGENCY ENCLOSURE EQUAL EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FIRE HOSE CABINET FIRE HOSE CABINET FIRE HOSE CABINET FIRE HOSE CABINET FIRE HOSE CABINET FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MEZZ MFR MH MIN MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MEZZANINE MANUFACTURER MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SD SECT SED SF SHT SIM SLD SLNT SMD SNR SPD SPEC SPKLR SQ SSD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SMOKE DETECTOR SECTION SEE ELECTRICAL DRAWINGS SQUARE FEET SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EMERGENCY ENCLOSURE EQUAL EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FIRE HOSE CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MFR MH MIN MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MANUFACTURER MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SECT SED SF SHT SIM SLD SLNT SMD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SECTION SEE ELECTRICAL DRAWINGS SQUARE FEET SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
ENCLOSURE EQUAL EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MH MIN MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SED SF SHT SIM SLD SLNT SMD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SEE ELECTRICAL DRAWINGS SQUARE FEET SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EQUAL EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE HOSE CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MIN MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MINIMUM MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SF SHT SIM SLD SLNT SMD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SQUARE FEET SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EQUIPMENT EACH SIDE EACH WAY EXHAUST EXPANSION BOLT EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MISC MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MISCELLANEOUS MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SHT SIM SLD SLNT SMD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EACH WAY EXHAUST EXPANSION EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MTD MTL MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	MOUNTED METAL METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SIM SLD SLNT SMD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SIMILAR SEE LANDSCAPE DRAWINGS SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EXHAUST EXPANSION EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	MTLP (N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PA PH PHS PL PLAM PLAS	METAL PARTITION NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER OVER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SLNT SMD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SEALANT SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EXPANSION EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	(N) NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PA PH PHS PL PLAM PLAS	NEW NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SMD SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SEE MECHANICAL DRAWINGS SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EXPANSION BOLT EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SND SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	NIC NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	NOT IN CONTRACT NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SNR SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SANITARY NAPKIN RECEPTACLE SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	NO NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	NUMBER NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SPD SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SEE PLUMBING DRAWINGS SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	NOM NPS NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	NOMINAL NOMINAL PIPE SIZE NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SPEC SPKLR SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SPECIFICATION SPRINKLER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	NTS O/ OC OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	NOT TO SCALE OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SQ SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	O/ OC OFD OFF OF/CI OH OPNG PA PA PA PH PHS PL PLAM PLAS	OVER ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SSD SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SEE STRUCTURAL DRAWINGS STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FIRE EXTINGUISHER CABINET FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	OC OFD OFF OF/CI OH OPNG PA PA PA PH PHS PL PLAM PLAS	ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SST STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FIRE HOSE CABINET FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	OC OFD OFF OF/CI OH OPNG PA PA PA PH PHS PL PLAM PLAS	ON CENTER OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	STC STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FLAT HEAD MACHINE SCREW FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	OFD OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	OVERFLOW DRAIN OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	STD STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FLAT HEAD WOOD SCREW FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	OFF OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	OFFICE OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	STL STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	STEEL STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FINISH FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	OF/CI OH OPNG PA PA PH PHS PL PLAM PLAS	OWNER FURNISHED & CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	STOR STRUCT SUSP SVCE SYM T T&B T&B T&G	STORAGE STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FINISHED FLOOR FIXTURE FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	OH OPNG PA PA PH PHS PL PLAM PLAS	CONTRACTOR INSTALLED OVERHEAD OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	STRUCT SUSP SVCE SYM T T&B T&B T&G	STRUCTURAL SUSPENDED SERVICE SYMBOL TREAD TOP AND BOTTOM
FLOURESCENT FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	OPNG PA PH PHS PL PLAM PLAS	OPENING PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SVCE SYM T T&B T&G	SERVICE SYMBOL TREAD TOP AND BOTTOM
FLOOR FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	PA PH PHS PL PLAM PLAS	PUBLIC ADDRESS PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	SYM T T&B T&G	SYMBOL TREAD TOP AND BOTTOM
FIRE LIFE SAFETY FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	PA PH PHS PL PLAM PLAS	PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	T T&B T&G	TREAD TOP AND BOTTOM
FACE OF FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	PA PH PHS PL PLAM PLAS	PLANTING AREA PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	T&G	TOP AND BOTTOM
FIRE RATED FRAMING FOOT OR FEET FOOTING GAGE	PH PHS PL PLAM PLAS	PANIC HARDWARE PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	T&G	TOP AND BOTTOM
FRAMING FOOT OR FEET FOOTING GAGE	PHS PL PLAM PLAS	PHILLIPS HEAD SCREW PLATE PLASTIC LAMINATE	T&G	
FOOTING GAGE	PLAM PLAS	PLASTIC LAMINATE	TEL	
GAGE	PLAS			TELEPHONE
			TER	TERRAZZO
		PLASTER	THK	THICK THRESHOLD
GALVANIZED	PNL	PLYWOOD PANEL	THRES TMPD	TEMPERED
GRAB BAR	PR	PAIR	TO	TOP OF
GENERAL	PRCST	PRECAST	TOC	TOP OF CONCRETE
GLASS-FIBER-REINF. CONC.	PREFAB	PREFABRICATED	TOP	TOP OF PARAPET
GLASS	PREP	PREPARATION	TOS	TOP OF STEEL
GROUND	PT	PRESSURE TREATED	TOW	TOP OF WALL
GALVANIZED SHEET METAL GYPSUM	PTD PTD	PAINTED PAPER TOWEL DISPENSER	TPD TS	TOILET PAPER DISPENSER TUBE STEEL
GTPSUM	PTD/R	PAPER TOWEL DISPENSER PAPER TOWEL DISPENSER & RECEP.	TSCD	TOILET SEAT COVER DISPENSER
HOSE BIBB	PTN	PARTITION	TWS	TACKABLE WALL SURFACE
HOLLOW CORE	PVC	POLYVINYL CHLORIDE	TYP	TYPICAL
HEADER				
HARDWARE	QT	QUARRY TILE	UNFIN	UNFINISHED
HARDWOOD	QTY	QUANTITY	UON	UNLESS OTHERWISE NOTED
HOLLOW METAL HANDRAIL	R	RISER	UR	URINAL
HORIZONTAL	R	RADIUS	VCT	VINYL COMPOSITION TILE
HOUR	RBR	RUBBER	VERT	VERTICAL
HEIGHT	RCP	REFLECTED CEILING PLAN	VIF	VERIFY IN FIELD
HEATING, VENTILATING AND	RD	ROOF DRAIN		
AIR CONDITIONING				
INSULATION	REV	REVISION		
INTERIOR	RM	ROOM		
JUINT	RVVL			
KITCHEN				
NH OHEN				
LABORATORY				
LAMINATE				
LAVORATORY				
LAY IN SUSPENDED CEILING				
	HEIGHT HEATING, VENTILATING AND AIR CONDITIONING INCH INCLUDING/INCLUDED INFORMATION INSULATION INTERIOR JANITOR JOINT KITCHEN LABORATORY LAMINATE	HEIGHT RCP HEATING, VENTILATING AND RD AIR CONDITIONING REBAR REF INCH REINF INCLUDING/INCLUDED RELOC INFORMATION REQD INSULATION REV INTERIOR RM RO JANITOR RWD JOINT RWL KITCHEN LABORATORY LAMINATE LAVORATORY LAG BOLT	HEIGHT RCP REFLECTED CEILING PLAN HEATING, VENTILATING AND RD ROOF DRAIN AIR CONDITIONING REBAR REINFORCING STEEL BARS REF REFERENCE INCH REINF REINFORCED INCLUDING/INCLUDED RELOC RELOCATABLE INFORMATION REQD REQUIRED INSULATION REV REVISION INTERIOR RM ROOM RO ROUGH OPENING JANITOR RWD REDWOOD JOINT RWL RAIN WATER LEADER KITCHEN LABORATORY LABORATORY LAMINATE LAVORATORY LAG BOLT	HEIGHT RCP REFLECTED CEILING PLAN VIF HEATING, VENTILATING AND RD ROOF DRAIN AIR CONDITIONING REBAR REINFORCING STEEL BARS REF REFERENCE INCH REINF REINFORCED INCLUDING/INCLUDED RELOC RELOCATABLE INFORMATION REQD REQUIRED INSULATION REV REVISION INTERIOR RM ROOM RO ROUGH OPENING JANITOR RWD REDWOOD JOINT RWL RAIN WATER LEADER KITCHEN LABORATORY LAMINATE LAVORATORY LAG BOLT





GENERAL NUTES, **ABBREVIATIONS &** SYMBOL LEGEND

PROJECT OWNER: **EL MONTE HIGH SCHOOL** 3048 TYLER AVENUE, EL MONTE, CA

EL MONTE HIGH SCHOOL

EXTERIOR SHELTER

3048 TYLER AVENUE. EL MONTE. CA





610 E. FRANKLIN AVENUE

EL SEGUNDO, CA 90245

[T]: 310.821.9200

PROJECT NAME:

AUTHORITY APPROVAL:



IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITEC

REVIEWED FOR

SS 🔲 FLS 🗹 ACS 🗹

APP: 03-123272 INC:



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.

PR	OJECT INFORMAT	ION		
Scł	hool District/Owner:	El Monte Unified High School District		
Pro	oject Name/School:	El Monte High School		
Pro	oject Address:	3048 Tyler Ave, El Monte, CA 91731		
-11-	RE & LIFE SAFETY			
1.	Has a fire hydrant	flow test been performed within the past 12 months?	Yes □	No 🖻
	(If yes, provide a d	copy of the test data.)		
2.	Was the fire hydra review?	int water flow test performed as part of this LFA	Yes 🗆	No 🖻

(FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)				
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.)				

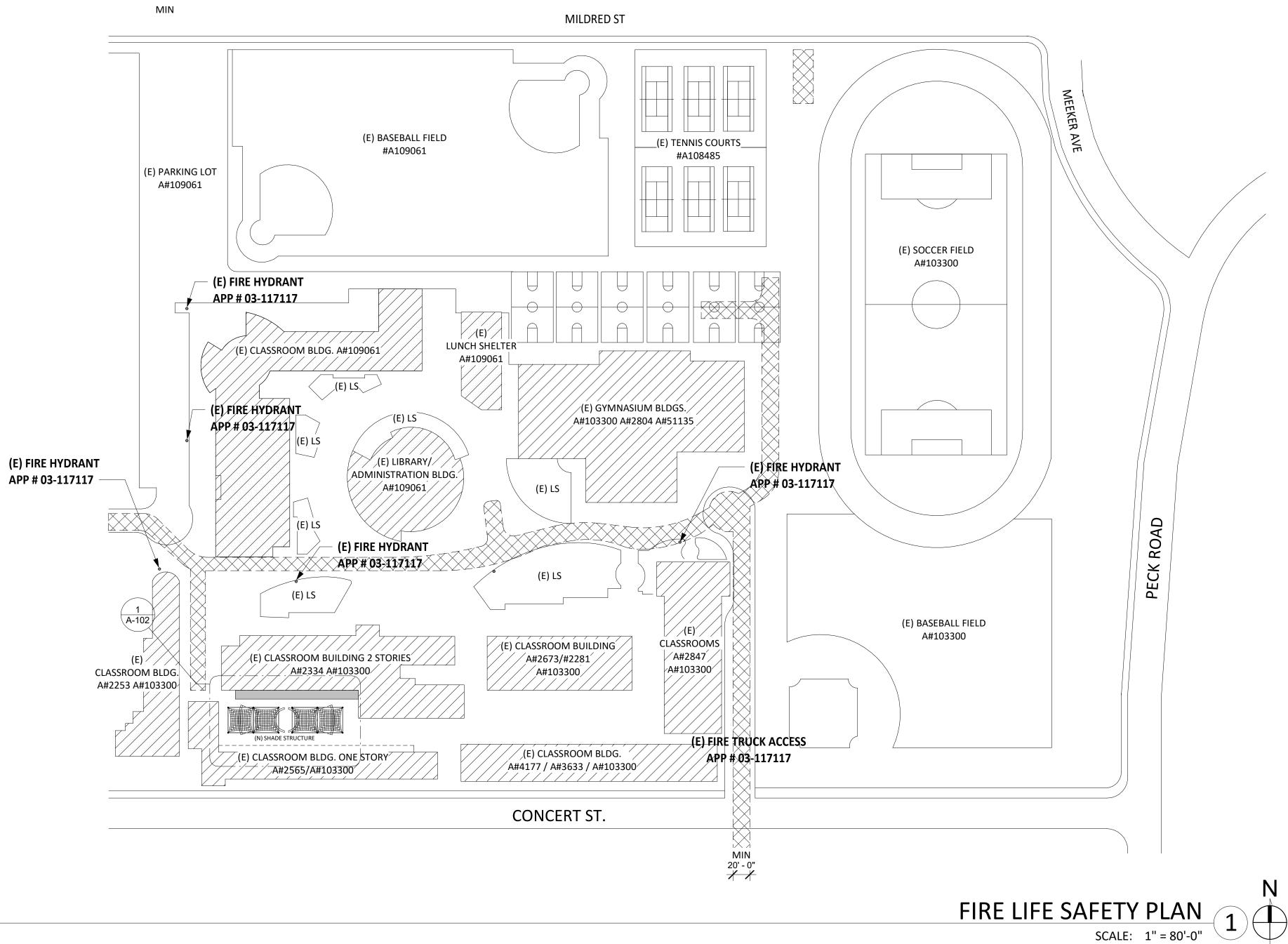
DGS DSA 810 (revised 12/29/20) Page 1 of 4 STATE OF CALIFORNIA DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES

CON	DITION MEANS AND METHODS RESOLUTION	ALTER		CCEPTE	D			
4.	Emergency vehicle access roadways do not meet CFC requirements.	Yes	No	N/A	N/R			
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.							
By s Build indic	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: Norma Macias Title: Director of FMOT							
Sign	ature:D	ate: <u>Fe</u>	1 21	1202	-3			
LOC	AL FIRE AUTHORITY (LFA) INFORMATION							
LFA	Agency Name: COUNTY OF LOS ANGELES FIRE DEPARTMENT							
LFA	FA Review Official: MICHAEL BRAVO							

Title: FIRE PREVENTION ENGINEER ASSIST II

LFA Reviewer's Signature: _

DGS DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT



DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Work Phone 323-890-4125 Work Email: michael.bravo@fire.lacounty.gov

COUNTY OF LOS ANGELES FIRE DEPARDMENT FIRE PREVENTION ENGINEERING APPROVED *M. Brauo* Page 2 of 4 DEPARTMENT OF GENERAL PROVIDENTIAL PAGE 2 of 4 DEPARTMENT OF GENERAL PROVIDENTIAL PAGE 2 OF A

Date 03/06/2023

	SHEET NOTES
	1. USE A "NON CASE HARDENED LOCK" AT VECHULAR ENTRY GATES.
	2. EXISTING KNOX BOXES AT VEHICULAR ENTRY GATES, PEDESTRIAN GATES, AND MAIN ENTRY TO MPR AND GYM BUILDINGS.
	3. FIRE DEPARTMENT VEHICULAR ACCESS ROADS MUST BE INSTALLED AND MAINTAINED IN A SERVICABLE MANNER PRIOR TO AND DURING THE TIME OF CONSTRUCTUION. FIRE CODE 501.4.
	4. BUILDING ADDRESS NUMBERS SHALL BE PROVIDED AND MAINTAINED SO AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET FRONTING THE PROPERTYY. THE NUMBERS SHALL BE MINIMUM 4" HIGH WITH A STROKE WIDTH ON 1/2". FIRE CODE 505.1
	5. FIRE ACCESS ENTRANCE SIGNAGE - BOTTOM OF SIGN MUST BE A MINIMUM OF 8'-6" ABOVE GRADE. SIGN SHALL NOT BE LESS THAN 17" X 22" WITH LETTERING NOT LESS THAN 1" IN HEIGHT. <u>SIGN SHALL READ;</u>
	NO PARKING - DESIGNATED FIRE LANE. VIOLATERS WILL BE CITED VEHICLES PARKED IN VIOLATION WILL BE TOWED AWAY AT OWNER'S EXPENSE. SIGN SHALL ALSO CONTAIN THE TELEPHONE NUMBER OF THE LOS ANGELES POLICE DEPARTMENT.
	6. ON SITE VEHICULAR GATES IN THE FIRELANES SHALL BE KEPT OPEN DURING OFF HOURS. PROVIDE SIGNAGE AT GATE - BOTTOM OF SIGN SHALL NOT BE LESS THAN 17" X 22" WITH LETTERING NOT LESS THAN 1" IN HEIGHT. <u>SIGN SHALL READ;</u>
	THIS GATE TO REMAIN OPEN WHEN STUDENTS ARE NOT PRESENT ON CAMPUS
	EMERGENCY ACCESS PATH
	EXISTING BUILDING
	(E) FIRE TRUCK ACCESS LANE: 20 FT MIN. WIDTH, 10% MAX. SLOPE. APP # 03-117117
	EXISTING LANDSCAPING
	● ● ● ● ● ● ● ● PATH OF TRAVEL
	(N) 30' X 30' SHADE STRUCTURE PER PC-04-119455
	(E) FIRE HYDRANT
	FLAME RETARDANT
	Fabric Registration LICENSE NUMBER: F-052001 COLOURSHADE 190/F5
	Product Marketed by: MULTIKNIT (PTY) LTD BOX 798 WHITE RIVER 1240 Issue Date : 05/16/2022 MPUMALANGA SOUTH AFRICA, , Expiration Date : 06/30/2023
	This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code. The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.
	Harelin Paturi Bette
	Issued By Vikkie FranklinReviewed and Approved By Patricia SetterFire Engineering License ManagerDeputy State Fire Marshal IIIFire Engineering & Investigations DivisionFire Engineering & Investigations Division
	OFFICE OF THE STATE FIRE MARSHAL Please visit calfire.govmotus.org for more information on Licensing and Permitting with CAL FIRE
N I	
	Page 1 of 1



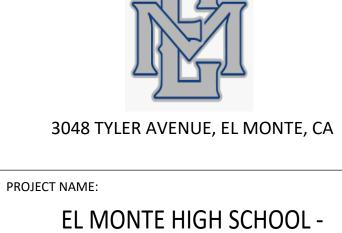
SHEET TITLE: FIRE LIFE SAFETY SITE PLAN

<u> </u>	D.475	
RK	DATE 07/15/22	DESCRIPTION DESIGN DEVELOPMENT
	02/20/23	DISTRICT REVIEW 50%
	03/01/23	DISTRICT REVIEW 100%
	04/25/23	DSA OTC
PRO	JECT NO.:	21096.01

AUTHORITY APPROVAL:

PROJECT OWNER:

3048 TYLER AVENUE, EL MONTE, CA



EXTERIOR SHELTER

EL MONTE HIGH SCHOOL

CHRISTOPHER WARD No. C-21640 RENEWAL DATE OVEMBER 30, 20

610 E. FRANKLIN AVENUE EL SEGUNDO, CA 90245

LISTEN COLLABORATE CREATE

[T]: 310.821.9200

DA DESIGN GROUP

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC

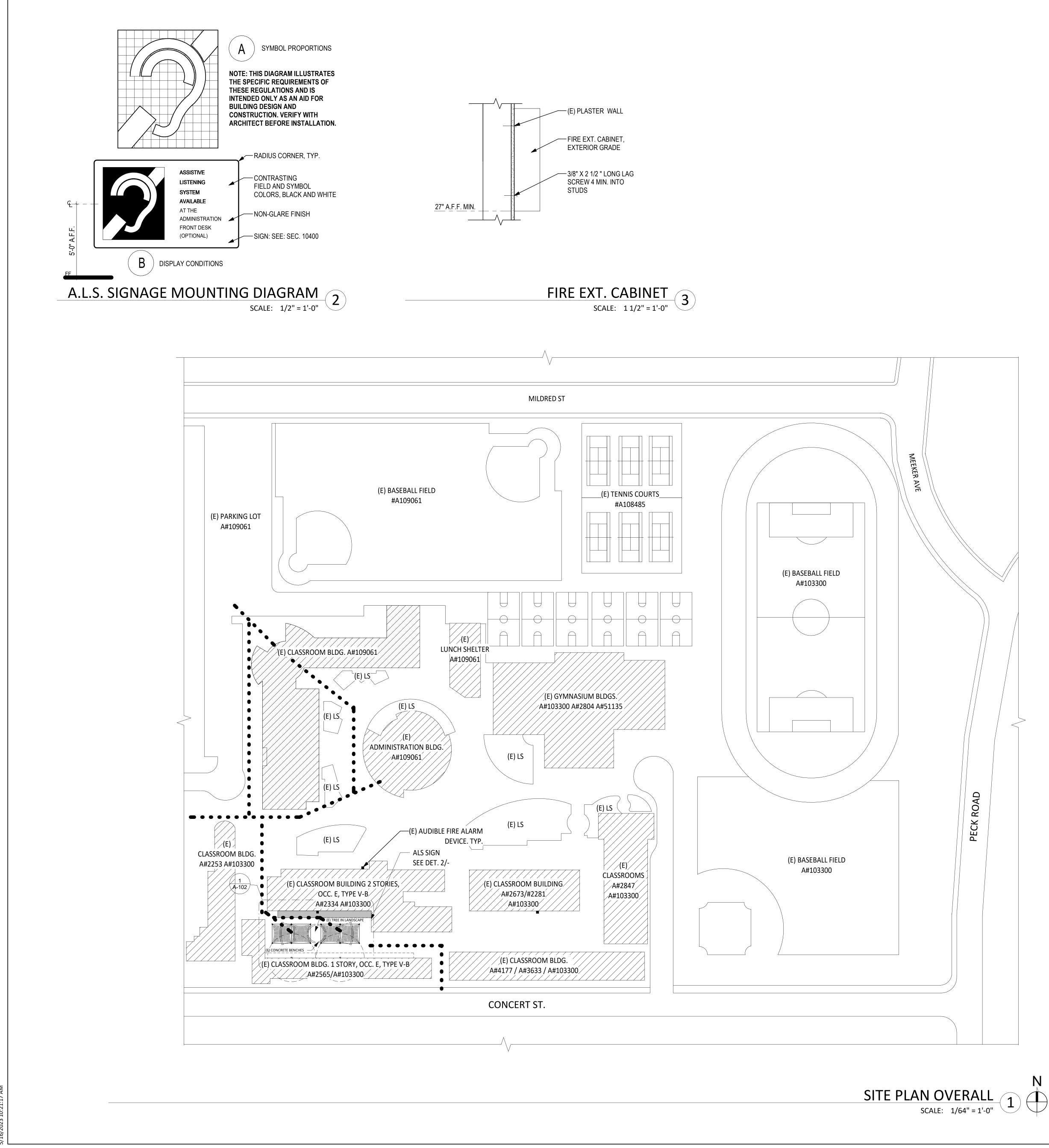
REVIEWED FOR

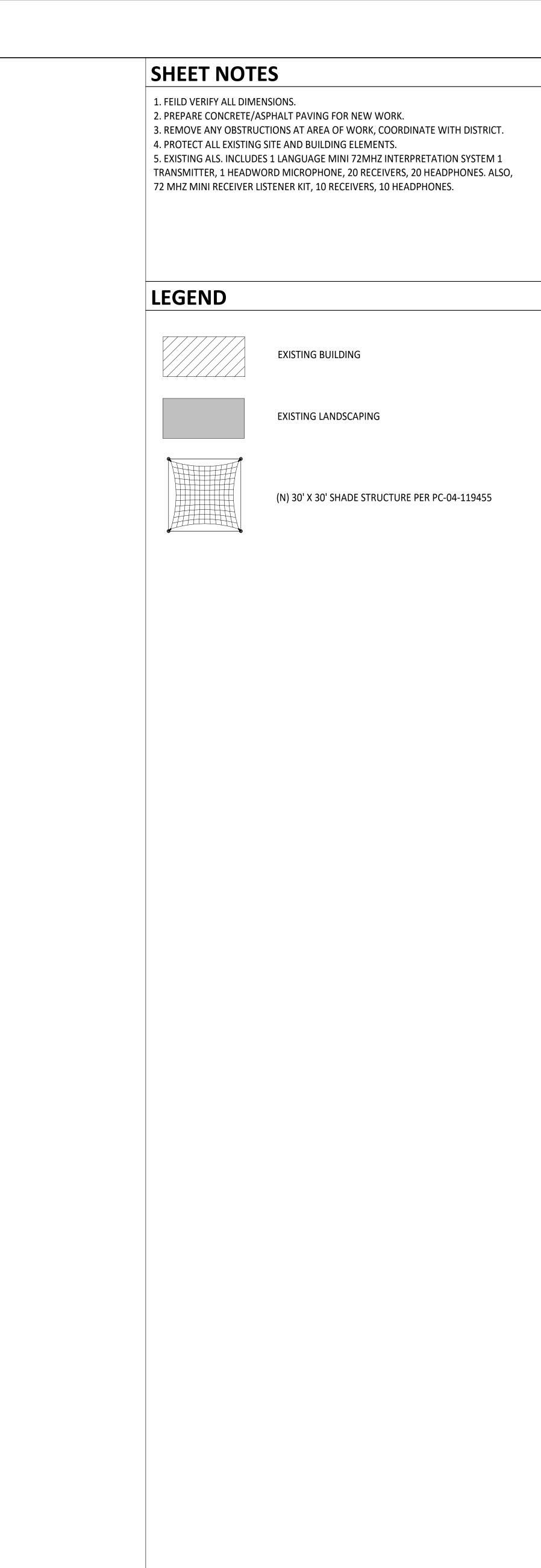
SS 🔲 FLS 🗹 ACS 🗹

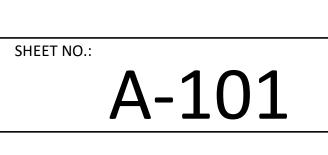
APP: 03-123272 INC:

DATE: 06/02/2023

www.csdadesigngroup.com ARCHITECT STAMP







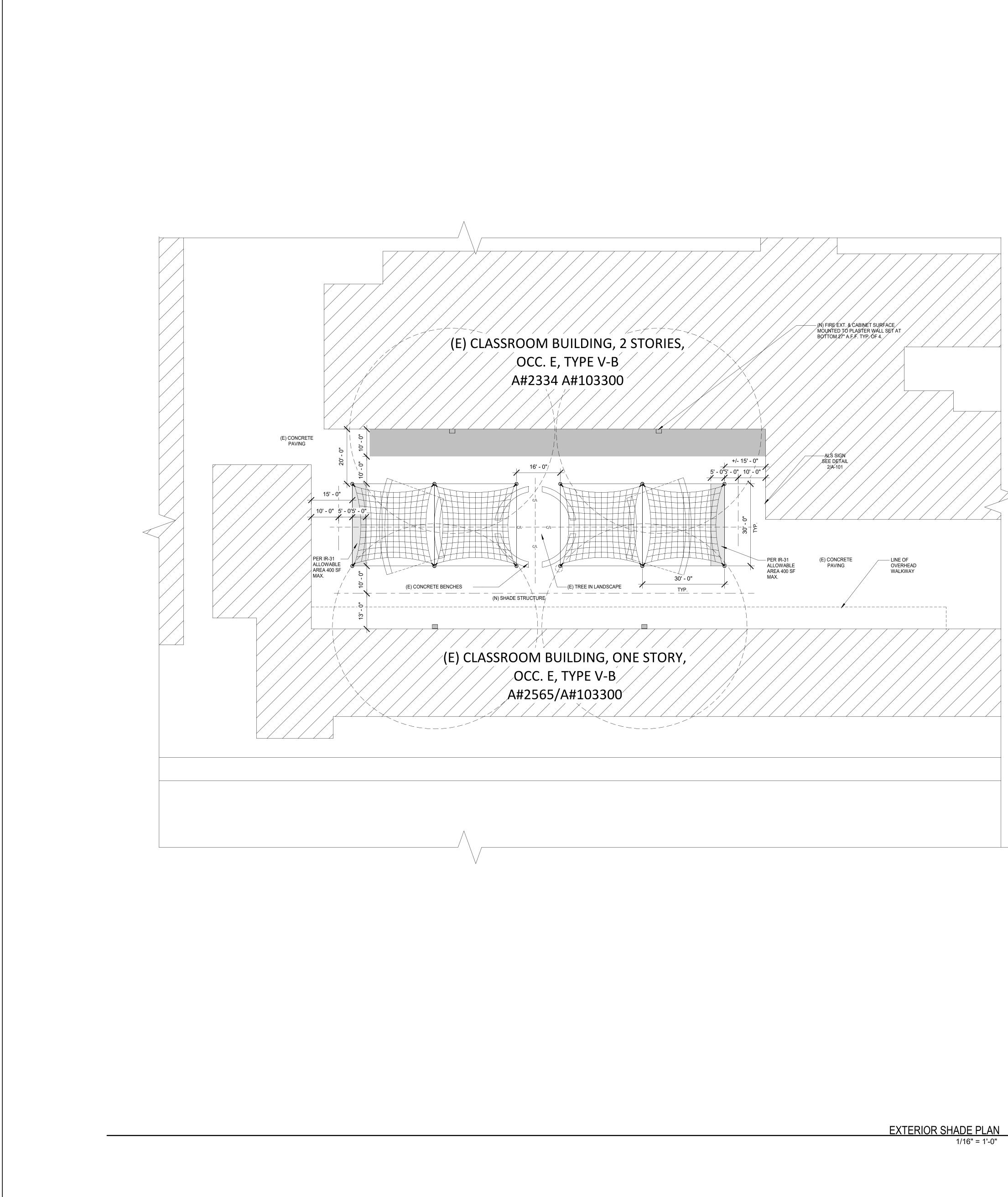
(CSE	DA DESIGN GROUP						
LI	STEN (COLLABORATE CREATE						
EL [[T]	610 E. FRANKLIN AVENUE EL SEGUNDO, CA 90245 [T]: 310.821.9200 www.csdadesigngroup.com							
ARC	HITECT STAMP	JENSED ARCHITEC						
	CHRISTOPHER WARD No. C-21640 RENEWAL DATE							
PROJ	ECT OWNER:	NONTE HIGH SCHOOL						
	3048 TYLI	ER AVENUE, EL MONTE, CA						
	PROJECT NAME: EL MONTE HIGH SCHOOL - EXTERIOR SHELTER							
	3048 TYLI	ER AVENUE, EL MONTE, CA						
AUTHORITY APPROVAL:								
MARK		DESCRIPTION						
1 2 3	07/15/22 02/20/23 03/01/23	DESCRIPTION DESIGN DEVELOPMENT DISTRICT REVIEW 50% DISTRICT REVIEW 100%						
4	04/25/23	DSA OTC						
PRO	JECT NO.:	21096.01						
SHE	ET TITLE:							
	OVEI	RALL SITE PLAN						

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC

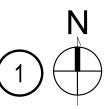
REVIEWED FOR SS 🔲 FLS 🗹 ACS 🗹

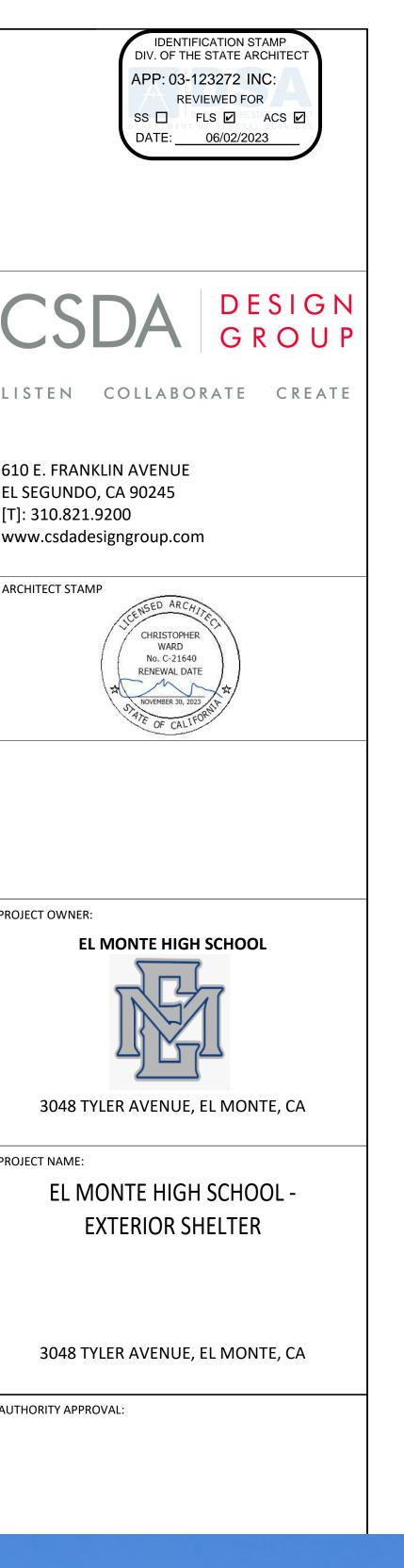
APP: 03-123272 INC:

DATE: 06/02/2023



 FEILD VERIFY ALL DIMENSIONS. PREPARE CONCRETE/ASPHALT PAVING FOR NEW WORK. REMOVE ANY OBSTRUCTIONS AT AREA OF WORK, COORDINATE WITH DISTRICT. PROTECT ALL EXISTING SITE AND BUILDING ELEMENTS. PROVIDE THE FOLLOWING ASSISTIVE LISTENING DEVICE SYSTEM TO DISTRICT STAFF TO STORE IN THE ADMINISTRATIVE OFFICE: FOR USE IN SHADE SHELTER : 2 RECEIVERS + 2 HEARDING-AID COMPATIBLE 	
RECEIVERS	(
LEGEND	LI
EXISTING BUILDING	61 EL [T] w\
EXISTING LANDSCAPING	AR
(N) 30' X 30' SHADE STRUCTURE PER PC-04-119455	
FIRE RATING	PRC
REQUIRED RATING (CBC TABLE 601) 0 HR STRUCTURAL FRAME 0 HR EXTERIOR WALLS	
REQUIRED RATING (CBC TABLE 508.4) A-E 0 HR REQUIRED SEPERATION PER (CBC TABLE 602)	
	PRO
	AU
	R. A.
	AL AL
	-









FABRIC SHADE STRUCTURE DSA P.C. 04-119455

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.
- 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 2040 CALIFORNIA AMENDMENTED
- (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.
- 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- ITTLE 19 C.O.N., FOBLIC SAFETT, STATE FIRE MARSHAL REGULATIONS
 2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS

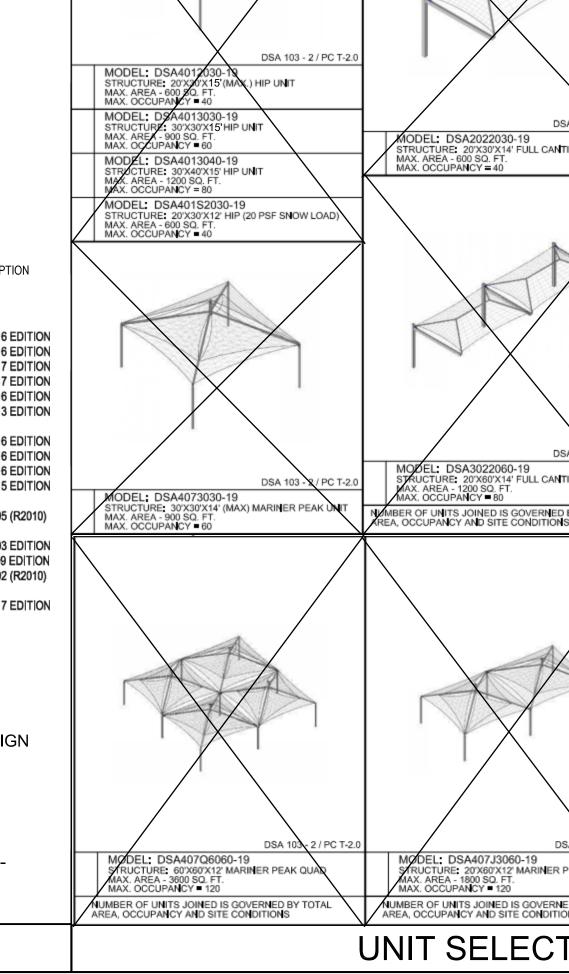
(PER 2019 CBC, PART 2, CHAPTER 35)

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

174		
NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)	2016 ED
NFPA 14	STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2016 ED
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 ED
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2017 ED
NFPA 20	STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 ED
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 ED
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND	
	THEIR APPURTENANCES	2016 ED
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)	2016 ED
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 ED
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 ED
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION	
	OF COMMERCIAL COOKING EQUIPMENT	2005 (R2
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS,	
	INCLUDING ACCESSORIES	2003 ED
UL521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 ED
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 (R2
ICC 300	SANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING	
	AND GRANDSTANDS	2017 ED
	IPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 DRNIA FIRE CODE CHAPTER 80.	
	ORNIA BUILDING CODE, CHAPTER 35, FOR STATE OF CALIFORNIA AMENDMENTS TO	
THE NEPA S	STANDARDS.	
SEE IN	IDIVIDUAL STRUCTURAL DRAWINGS FOR SPECIFIC D	ESIGN
NOTES	S AND LOADING.	
	ORK SHALL CONFORM TO 2019 EDITION TITLE 24,	
CALIF	ORNIA CODE OF REGULATIONS (C.C.R.).	
	· · · ·	
ALL W	ORK SHALL BE IN COMPLIANCE WITH CFC CHAPTER	33 -
		00

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



BUILDING CODE DATA

USASHADE & Fabric Structures®

			DRAWING NUMBER	DRAWING DESCRIPTION	STRUC	CTURE TYPE
			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		
			P.C. T-3.0	DSA 103 SAMPLE FORM		
			P.C. T-3.1	DSA 103 SAMPLE FORM		
			1.1-1000	PRODUCT INFORMATION	HIP	
			1.2-2000	REACTIONS	HIP	
\mathbf{i}			2.1-1000	PRODUCT INFORMATION	HIP	
\mathbf{i}			2.2-2000	REACTIONS	HIP	
			3.1-1000	PRODUCT INFORMATION	HIP	
DSA 103 - 1 PC T-2.0	DSA 103 - 1 PC T-2.0	DSA 103 - 1 VPC T-2.0	3.2-2000	REACTIONS	HIP	
ANTI HIP SINGLE	MODEL: DSA2062030-19 STRUCTURE: 20'X30'X14' TRI TRUSS HIP SINGLE WDE MAX. AREA - 600 SQ. FT. MAX. OCCUPANCY = 40	MODEL: DSA1031414-19 STRUCTURE: 14'X14'X12' SINGLE POST PYRAMID UNIT MAX. AREA - 196 SQ. FT. MAX. OCCUPANCY = 13	4.1-1000	PRODUCT INFORMATION	HIP (20# SNOW L	LOAD)
	MAX. OCCUPANCY = 40	MAX. OCCUPANCY = 13	4.2-2000	REACTIONS	HIP (20# SNOW L	LOAD)
			5.1-1000	PRODUCT INFORMATION	SINGLE POST P	YRAMID
			5.2-2000	REACTIONS	SINGLE POST P	YRAMID
. /		L L	6.1-1000	PRODUCT INFORMATION	MARINER	
			6.2-2000	REACTIONS	MARINER	
			7.1-1000	PRODUCT INFORMATION	JOINED MARINE	.R
			7.2-2000	REACTIONS	JOINED MARINE	.R
			8.1-1000	PRODUCT INFORMATION	QUAD MARINER	
			8.2-2000	REACTIONS	QUAD MARINER	
			9.1-1000	PRODUCT INFORMATION	FULL CANTILEVE	 ER
		'	9.2-2000	REACTIONS	FULL CANTILEVE	 ER
\backslash			10.1-1000	PRODUCT INFORMATION	FULL CANTILEVE	ER JOINED
\mathbf{i}			10.2-2000	REACTIONS	FULL CANTILEVE	ER JOINED
DSA 103 - 1 / PC T-2.0		DSA 103 - 2 / PC T-2.0	11.1-1000	PRODUCT INFORMATION	TRI TRUSS CAN	
ANTI HIP JOINED	MODEL: DSA3052060-19 STRUCTURE: 20'X60'X14' T RI TRUSS HIP JOINED MAX. AREA - 1200 SQ. FT. MAX. OCCUPANCY = 80	MODEL: DSA4182020-19 STRUCTURE: 20'X20'X14' TENSION SAILS JOINED	11.2-2000	REACTIONS	TRI TRUSS CAN	TILEVER
		STRUCTURE: 20'X20'X14' TENSION SAILS JOINED MAX. AREA/SAIL - 400 SQ. FT/SAIL MAX. OCCUPANCY / SAIL = 26 / SAIL	12.1-1000	PRODUCT INFORMATION	TRI TRUSS CAN	TILEVER JOINED
ED BY TOTAL	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL AREA, OCCUPANCY AND SITE CONDITIONS	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL AREA, OCCUPANCY AND SITE CONDITIONS	12.2-2000	REACTIONS	TRI TRUSS CAN	TILEVER JOINED
/	<u> </u>		13.1-1000	PRODUCT INFORMATION	THREE POINT SA	AILS
			13.2-2000	REACTIONS	THREE POINT SA	AILS
			14.1-1000	PRODUCT INFORMATION	FOUR-POINT SA	,ILS
			14.2-2000	REACTIONS	FOUR-POINT SA	,ILS
			15.1-1000	PRODUCT INFORMATION	FOUR POINT SA	ILS
			15.2-2000	REACTIONS	FOUR POINT SA	ILS
				SHEET	INDEX - I	P.C. DRA
1						Τ
				N, AIA, ARCHITECT		MARK LOWE
	r i i i i i i i i i i i i i i i i i i i		38868 BUTTERFL		RCHIT	STRUCTURA
\			YUCAIPA, CA 923		GINCE	
\backslash			(909) 499-0058		2	19471 MISTY
\backslash			dhigginson.arch@	gmail.com	X	TRABUCO CA
DSA 103 - 2 / PC T-2.0		DSA 103 2 / PC T-2.0		NO.C1 REN. 10		92367
ER PEAK JOINED	MODEL: DSA4183030-19 STRUCTURE: 30'X30'X14' TENSION SAILS JOINED	MODEL: DSA30730-19 SRUCTURE: 30'X30'X12' TENSION SAILS JOINED		No.	LOF /	PH. 949-400-
	STRUCTURE: 30'X30'X14' TENSION SAILS JOINED MAX. AREA/SAIL- 900 SQ. FT./SAIL MAX. OCCUPANCY / SAIL = 60 /SAIL	STRUCTURE: 30/30/30/12 TENSION SAILS JOINED MAX. AREA/SAIL - 480 SQ. FT. / SAIL MAX. OCCUPANCY / SAIL = 120		OFC	ALIP	malowe@me.
RNED BY TOTAL	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL AREA, OCCUPANCY AND SITE CONDITIONS	NUMBER OF UNITS JOINED IS GOVERNED BY TOTAL REA, OCCUPANCY AND SITE CONDITIONS				
		<u> </u>	<u> </u>			
/ HON /	AND DESCRIPTION		AKC	HITECT OF RECO	JKU	EN
						<u>.</u>

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).
- 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.

GENERAL NOTES

MODEL

NUMBER

DSA4012030-19

DSA4012030-19

DSA4013030-19

DSA4013030-19

DSA4013040-19

DSA4013040-19

DSA401S2030-19

DSA401S2030-19

DSA1031414-19

DSA1031414-19

DSA4073030-19

DSA4073030-19

DSA407J3060-19

DSA407J3060-19

DSA407Q6060-19

DSA407Q6060-19

DSA2022030-19

DSA2022030-19

DSA3022060-19

DSA3022060-19

DSA2062030-19

DSA2062030-19

DSA3052060-19

DSA3052060-19

DSA30730-19

DSA30730-19

DSA4182020-19

DSA4182020-19

DSA4183030-19

DSA4183030-19

MAX

SIZE

20 X 30

20 X 30

30 X 30

30 X 30

30 X 40

30 X 40

20 X 30

20 X 30

14 X 14

14 X 14

30 X 30

30 X 30

30 X 200

30 X 200

60 X 60

60 X 60

20 X 30

20 X 30

20 X 300

20 X 300

20 X 30

20 X 30

20 X 300

20 X 300

30 X 200

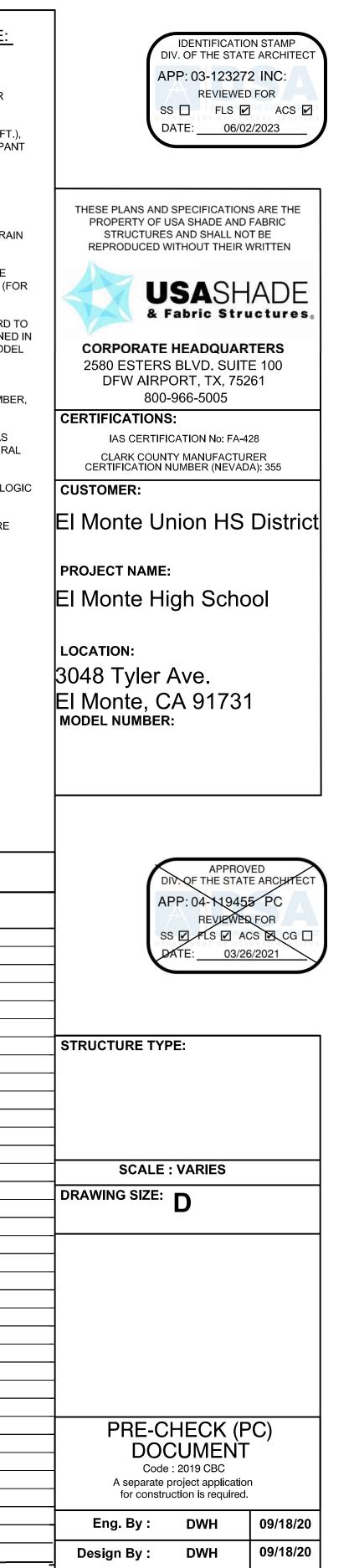
30 X 200

20 X 300

20 X 300

30 X 200

30 X 200



X - P.C. DRAWINGS 09/18/20 DWH Approved By : **DRAWING DESCRIPTION:** MARK LOWE, S.E. P.C. TITLE SHEET STRUCTURAL ENGINEER DWG. 19471 MISTY RIDGE LANE TRABUCO CANYON, CALIFORNIA 92367 SHEET PH. 949-400-1265 P.C. T-1.0 malowe@me.com 12/04/2020 REV. **ENGINEER OF RECORD**

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2019 CBC Application Number: School Name: School District: 04-119455 TO BE DETERMINED USA SHADE DSA File Number: Date Created: 2021-03-26 09:09:12	Image: Second District: Application Number: School Name: School District: 04-119455 TO BE DETERMINED USA SHADE DSA File Number: Increment Number: Date Created: 2021-03-26 09:09:12 2021-03-26 09:09:12	DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC Table 1705A.3; ACI 318-14 Sections 26.12 & 26.13 Application Number: School Name: School District: 04-119455 TO BE DETERMINED USA SHADE DSA File Number: Increment Number: Date Created: 2021-03-26 09:09:12 2021-03-26 09:09:12	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: School Name: 04-119455 TO BE DETERMINED USA SHADE DSA File Number: Increment Number: Date Created: 2021-03-26 09:09:12	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-123272 INC: REVIEWED FOR SS S FLS ACS S
Display Set Set Set Set Set Set Set Set Set Set	Image: Second	Test or Special Inspection Type Performed By Code References and Notes a. Sample and test prestressing tendons and anchorages. Test LOR 1705A.3.4, 1910A.3 b. Inspect placement of prestressing tendons. Periodic SI 1705A.3.4, Table 1705A.3 Items 1 & 9. c. Verify in-situ concrete strength prior to stressing of post-tensioning tendons. Periodic SI Table 1705A.3 Item 11. Special inspector to verify specified concrete strength test prior to stressing. d. Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons. Continuous SI 1705A.3.4, Table 1705A.3 Item 9; ACI 318-14 Section 26.13	Image: Inspection of High-Strength bolts, nuts and washers. Test LOR Table 1705A.2.1 Item 1c, 2213A.1; RCSC 2014 Section 7.2; DSA IR 17-8. Inspection of High-Strength Bolt Installation: C. Bearing-type ("snug tight") connections. Periodic SI Table 1705A.2.1 Item 2a, 205A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, M2.5 & N5.6; RCSC 2014 Section 9.1; DSA IR 17-9. Image:	DATE: 06/02/2023 THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN
KEY TO COLUMNS 1. TYPE 2. PERFORMED BY Continuous – Indicates that a continuous special inspection is required GE – Indicates that the special inspection shall be performed by a registered geotechnicatengineer or his or her authorized representative. Periodic – Indicates that a periodic special inspection is required LOR – Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See CAC Section 4-335. PI – Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA.	Image: Section 2 above Image: Section 2 above Image: Section 2 abo	9. PRECAST CONCRETE (in addition to Cast-in-Place Concrete tests and inspections): Test or Special Inspection Type Performed By Code References and Notes a. Inspect fabrication of precast concrete members. Continuous SI ACI 318-14 Section 26.13. b. Inspect erection of precast concrete members. Periodic SI* Table 1705A.3 Item 10. * May be performed by PI when specifically approved by DSA. 10. SHOTCRETE (in addition to Cast-in-Place Concrete tests and inspections): Image: Concrete tests and inspections	Image: Second	USASHADE & Fabric Structures. CORPORATE HEADQUARTERS 2580 ESTERS BLVD. SUITE 100 DFW AIRPORT, TX, 75261
Test – Indicates that a test is required SI – Indicates that the special inspection shall be performed by an appropriately qualified/approved special inspector. DGS DSA 103-19 (Revised 07/16/2020) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 19 Page 1 of 19 Page 1 of 19	Test or Special Inspection Type Performed By Code References and Notes DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 4 of 19 STATE OF CALIFORNIA	Test or Special Inspection Type Performed By Code References and Notes DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 7 of 19 Page 7 of 19 Page 7 of 19 STATE OF CALIFORNIA	DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 10 of 19	800-966-5005 CERTIFICATIONS: IAS CERTIFICATION No: FA-428 CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355 CUSTOMER:
DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBCApplication Number:School Name:School District:04-119455TO BE DETERMINEDUSA SHADEDSA File Number:Increment Number:Date Created: 2021-03-26 09:09:12	DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC Application Number: School Name: 04-119455 TO BE DETERMINED DSA File Number: Date Created: 2021-03-26 09:09:12	DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC Table 1705A.3; ACI 318-14 Sections 26.12 & 26.13 Application Number: School Name: School District: 04-119455 TO BE DETERMINED USA SHADE DSA File Number: Increment Number: Date Created: 2021-03-26 09:09:12 2021-03-26 09:09:12	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: School Name: 04-119455 TO BE DETERMINED DSA File Number: Increment Number: 2021-03-26 09:09:12	El Monte Union HS District
Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report 1. GENERAL: Table 1705A.6 Image: Test or Special Inspection Type Performed By Code References and Notes Image: A. Verify that: • Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. See Notes PI Refer to specific items identified in the Appendix listing exemptions for foundations. • Foundation excavations are extended to proper depth and have reached proper material. • Materials below footings are adequate to achieve the design bearing capacity. PI Refer to specific items identified without a geotechnical report.	a. Soil Improvements Test GE* Submit a comprehensive report documenting final soil improvements constructed, construction observation and the results of the confirmation testing and analysis to CGS for final acceptance. 	a. Inspect shotcrete placement for proper application techniques. Continuous SI 1705A.19, Table 1705A.3 Item 7, 1908A.6, 1908A.7, 1908A.8, 1908A.9, 1908A.11, 1908A.42. See ACI 506.2-13 Section 3.4, ACI 506R-16. b. Sample and test shotcrete (fc). Test LOR 1908A.5, 1908A.10. 11. POST-INSTALLED ANCHORS: Test LOR 1908A.5, 1908A.10. Test or Special Inspection Type Performed By Code References and Notes a. Inspect installation of post-installed anchors See Notes St 1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3.8 (See Appendix for exemptions). ACI 318-14 Sections 17.8 & 26.13.* May be performed by the project inspector when specifically approved by DSA.	19.1 SHOP WELDING: Test or Special Inspection Type Performed By Code References and Notes Image: State of the	El Monte High School Location: 3048 Tyler Ave. El Monte, CA 91731 MODEL NUMBER:
2. SOIL COMPACTION AND FILL: Table 1705A.6 Image: Test or Special Inspection Type Performed By Code References and Notes Image: Refer to Special Inspect Inft thicknesses, placement and compaction during placement of fill. Continuous LOR* * Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Test LOR* * Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific items identified in the Appendix listing exemptions for limitations. Image: Refer to specific i	DGS DSA 103-19 (Revised 07/16/2020)	b. Test post-installed anchors. Test LOR 1910A.5. (See Appendix for exemptions.) 12. OTHER CONCRETE:	□ e. Inspect welding of reinforcing steel. Continuous SI Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3. □ 19.2 FIELD WELDING:	APPROVED DIV: OF THE STATE ARCHITECT APP: 04-119455 PC
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 2 of 19 Page 2 of 19 Page 2 of 19 DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC Explication Number: School Name: 04-119455 TO BE DETERMINED USA SHADE Date Created: DSA File Number: Increment Number: Date Created: 2021-03-26 09:09:12 Date Created: 2021-03-26 09:09:12	DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 5 of 19 DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC Table 1705A.3; ACI 318-14 Sections 26.12 & 26.13 Application Number: School Name: 04-119455 TO BE DETERMINED DSA File Number: Increment Number: DSA File Number: Date Created: 2021-03-26 09:09:12	Page 8 of 19 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: DSA File Number: School Name: DSA File Number: Date Created: 2021-03-26 09:09:12 2021-03-26 09:09:12	Page 11 of 19 DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16 Image: School Name: School Name: School Name: USA SHADE 04-119455 TO BE DETERMINED USA SHADE DSA File Number: Increment Number: Date Created: 2021-03-26 09:09:12	REVEWEBFOR SS ☑ FLS ☑ ACS ☑ CG □ DATE: 03/26/2021
Test or Special Inspection Type Performed By Code References and Notes a. Verify pile materials, sizes and lengths comply with the requirements. Continuous GE* * By geotechnical engineer or his or her qualified representative. b. Determine capacities of test piles and conduct additional load tests as required. Test LOR* * Under the supervision of the geotechnical engineer. c. Inspect driving operations and maintain complete and accurate records for each pile. Continuous GE* * By geotechnical engineer or his or her qualified representative. d. Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and record any pile damage. GE* * By geotechnical engineer or his or her qualified representative.	7. CAST-IN-PLACE CONCRETE Test or Special Inspection Type Performed By Code References and Notes Material Verification and Testing: Periodic SI Fable 1705A.3 Item 5, 1910A.1. Image: a verify use of required design mix. Periodic SI Fable 1705A.3 Item 5, 1910A.1. Image: b ldentify, sample, and test reinforcing steel. Test LOR 1910A.2; ACI 318-14 Section 26.6.1.2; DSA IR 17-10. (See Appendix for exemptions.). Image: b ldentify tests, perform slump and air content tests, and determine the temperature of the concrete. Test LOR Table 1705A.3 Item 6; ACI 318-14 Sections 26.5 & 26.12.	17. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES Material Verification and Testing: Image: Test or Special Inspection Image: A verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements. Image: Description Image: Description: Image: Description: Image: Description: Image: Description: Image: Description: Image: Description: <	c. Inspect end-welded studs (ASTM A-108) installation (including bend test). Periodic SI 2213A.2; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3. d. Inspect floor and roof deck welds. Periodic SI 1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3. e. Inspect welding of structural cold-formed steel. Periodic SI* 1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-15 Chapter D shall also apply.* May be performed by the project inspector when specifically approved by DSA. f. Inspect welding of stairs and railing systems. Periodic SI* 1705A.2.1; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. g. Verification of reinforcing steel weldability. Periodic SI* 1705A.2.1; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. g. Verification of reinforcing steel weldability. Periodic SI* 1705A.2.1; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. g. Verification of reinforcing steel weldability. Periodic SI 1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.	STRUCTURE TYPE: SCALE : VARIES DRAWING SIZE: D
e. Steel piles. Provide tests and inspections per STEEL section below. f. Concrete piles and concrete filled piles. Provide tests and inspections per CONCRETE section below. g. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge. * * 4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS): Table 1705A.8 Test or Special Inspection Type Performed Code References and Notes	Image: Construction of the construc	Inspection: Image: Construction of the c	h. Inspect welding of reinforcing steel. Continuous SI Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3. 20. NONDESTRUCTIVE TESTING: 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 a. Ultrasonic 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.	
DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 3 of 19 STATE OF CALIFORNIA	DOS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 6 of 19	DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 9 of 19 STATE OF CALIFORNIA Page 9 of 19	DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 12 of 19	PRE-CHECK (PC) DOCUMENT
	THE SAMPLE DSA-103 FORM SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES	FIONAL TESTING AND INSPECTION NOTES:		DOCUMENT Code : 2019 CBC A separate project application for construction is required.Eng. By :DWH09/18/20Design By :DWH09/18/20Approved By :DWH09/18/20DRAWING DESCRIPTION:Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Code : 2019 CBC A separate project application for construction is required.
	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. 2. THE 3. THE 4. COP CON 5. THE 6. PER REC 6.1. 6.2.	E PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND PROVED BY DSA AND THE ARCHITECT OF RECORD. E SITE PROJECT INSPECTOR SHALL BE CLASS 2. E COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT. PIES OF VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE NTRACTOR, AND THE PROJECT INSPECTOR. E IN PLANT INSPECTOR SHALL BE WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING. R 2019 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING QUIREMENTS ARE MET: A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET. 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 ITS LOAD, AND TIME OF	CENSED ARCHITICS	DSA 103 SAMPLE FORMS DWG. SHEET P.C. T-2.0
SAMPLE DSA 103 - STATEM		INTERCEIPT 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.	ILEVER AND SINGLE POST UNITS	REV.

ENERAL NOTE DESIGN LOADS

BUILDING CODE LIVE LOADS SNOW LOAD WIND LOADS

CBC 2019 (BASED ON IBC 2018) 5 PSF 5 PSF

115 MPH (3-Sec. Gust); EXPOSURE C; TOPOGRAPHIC FACTOR , Kzt = 1.0

.- 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 STEE

- 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 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

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

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

7 - 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.

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

.- 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.

10.- ALL STRUCTURAL STEEL (ITEMS FROM NOTE 4) 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

.- 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 /INIMUM 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 2.- THE STRUCTURE CAN BE PLACED FOLLOWING A CURVED CONFIGURATION SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN AS LONG AS THE MAXIMUM DIMENSIONS ARE NOT EXCEEDED. 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 1/2" 6x19 GALV. CABLE PER ASTM A1023A, ASTM 1023M-02, WITH A BREAKING STRENGTH VALUE OF 20,700 LBS. CABLE SHALL BE TENSIONED TO 250 LBS MINIMUM. CABLE SHALL BE TENSIONED TO 250 LBS MINIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS Sa=7056 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.

CODE ANALYSIS									
BUILDING	OCCUPANCY	CONST. TYPE	AREA (SQ. FT.)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD				
SHADE STRUCTURE	A-3	V-N	3,600	15	240				
MAXIMUM OCCUPANT LOAD (PER CBC 2019 TABLE 1604A.5) -K-12: 250 PERSONS -PUBLIC ASSEMBLY: 300 PERSONS -EDUCATIONAL OCCUPANCIES									
ABOVE 12TH GR	ADE:	500 PEF	SONS						

2019 CBC PC DESIGN NOTES

FLOOR LIVE LOAD N/A ROOF LIVE LOAD RLI ALLOWABLE SOIL PRESSURE DL + LL (CONC FTG) 1500 PSF DL + LL + SEISMIC (CONC FTG) 1500 PSF LATERAL BEARING DESIGN VALUE

UPLIFT FRICTIONAL RESISTANCE HAVE A SAFETY FACTOR OF 3.

ROOF SNOW LOAD 5 PSF ICE LOAD ZERO PSF FLOOD HAZARD AREA NO

-BASIC DESIGN WIND SPEED (3 SEC GUST) -WIND EXPOSURE FACTOR -TOPOGRAPHIC FACTOR Kzt

-VELOCITY PRESSURE EXPOSURE COEFFICIENT Kz -VELOCITY PRESSURE

SEISMIC DESIGN -SITE CLASS

-SPECTRAL RESPONSE COEFFICIENTS

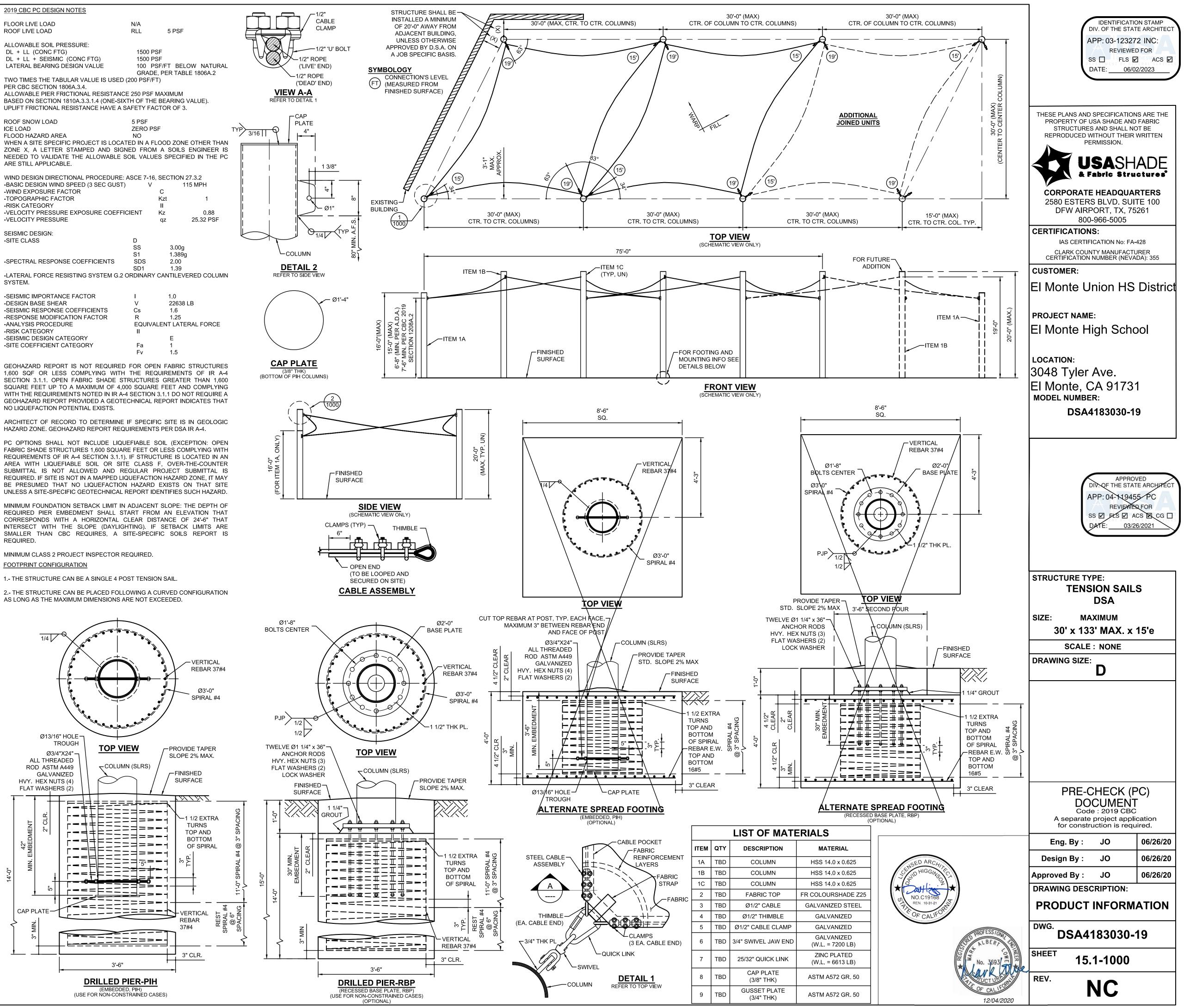
SYSTEM

-SEISMIC IMPORTANCE FACTOR	I	1.0
-DESIGN BASE SHEAR	V	226
-SEISMIC RESPONSE COEFFICIENTS	Cs	1.6
-RESPONSE MODIFICATION FACTOR	R	1.2
-ANALYSIS PROCEDURE	EQUIVA	LENT LA
-RISK CATEGORY	П	
-SEISMIC DESIGN CATEGORY		Е
-SITE COFFFICIENT CATEGORY	Fa	1

NO LIQUEFACTION POTENTIAL EXISTS.

REQUIRED.

MINIMUM CLASS 2 PROJECT INSPECTOR REQUIRED.

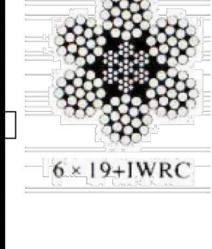


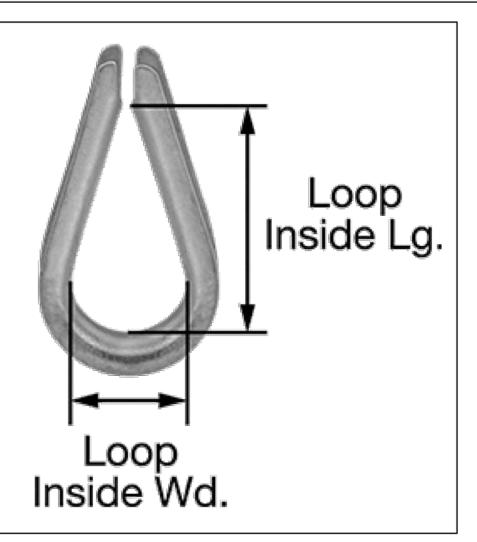
		Pr	Support Forces (kip	Pz	Support Mor M ₂		ASD REACTIO		Support Forces [kip] SHEAR RESULTANT	Support Moments [kipft] MOMENT RESULTANT	Support Forces (kip) UPLIFT	Support Forces [kip] AXIAL		
						MAX	IMUM REAC	TIONS	6.620	118.071	1.921	-5.007		
-	May	Px	Support Forces (kip	PZ	Ma	pport Moments (ki Mr	Mz							
-	Max Min Max P _x	4.635 0.000 4.635	3.291 0.000 2.365	0.629 -2.225 -2.225	0.000 -45.534 -38.044	73.212 0.000 73.212	0.260 -0.330 -0.200	CO 10	5.204	82.507		-2.225		
	Min P ₂ Max P ₇ Min P ₇	0.090 2.358 0.000	0.000 3.291 0.000	0.000 -2.150 0.000	0.000 -42,436 0.000	0.000 37.802 0.000	0.000 -0.024 0.000	CO 15	0.000 4.049 0.000	0.000 56.831 0.000		-2.150		
_	Max P _Z Min P _Z Max M _X	3.855 4.635 0.000	2.333 2.365 0.000	0.629 -2,225 0.000	-34.982 -38.044 0.000	60.674 73.212 0.000	-0.206 -0.200 0.600	C0 5 C0 10	4.506 5,204 0.000	70.035 82,507 0.000	0.629	-2,225		
	Min Mg Max Mg Min Mg	4.058 4.635 0.000	2.914 2.365 0.000	-2.193 -2.225 0.000	-45.534 -38.044 0.000	65.407 73.212 0.300	0.089 -0.200 0.000	CO 11 CO 10	5.004 5.204 0.000	79.695 82.507 0.000		-2.193 -2.225		
	Max M _z Min M _z	3.162 3.885	2.230 1.617	0.541 -1.534	-35.070 -26.071	47.890 60.783	0.260	CO 33 CO 31	3.859 4.208	59.358 66.138	0.541	-1.534		
-	Max Min Max P _X	3.059 0.000 3.059	1.781 -3.544 -1.905	0.271 -4.438 -3.130	72.261 -11.785 38.784	45.421 0.000 43.880	0.007 -0.082 0.006	CO 14	3,604	58,563		-3.130		
	Min P _X Max P _y Min P _y	0.000 0.455 2.341	0.000 1.781 -3.544	0.000 -0.701 -3.763	0.000 -11.785 72.261	0.000 9.182 45.421	0.000 0.004 -0.047	CO 19 CO 10	0.000 1.838 4.247	0.000 14.940 85.351		-0.701 -3.763		
	Max P _z Min P _z	1.786 1.558	-2.390 -2.272	0.271 -4.438	46.998 49.428	32.238 32.232	-0.002 0.005	C0 4 C0 11	2.984 2.755	56.992 59.009	0.271	-4.438		
_	Max M _X Min M _K Max M _Y	2.341 0.456 2.341	-3.544 1.781 -3.544	-3.763 -0.701 -3.763	72.261 -11.785 72.261	45.421 9.182 45.421	-0.047 0.004 -0.047	CO 10 CO 19 CO 10	4.247 1.838 4.247	85.351 14.940 85.351		-3.763 -0.701 -3.763		
-	Min M _r Max M _z Min M _z	0.000 1.236 1.842	0.000 -1.600 -2.906	0.000 -1.254 -0.739	0.000 31.736 60.934	0.000 22.312 36.731	0.000 0.007 -0.082	CO 12 CO 5	0.000 2.022 3.441	0.000 38.794 71.149		-1.254 -0.739		
_	Max Min Max P _x	3.056 0.000 3.056	6.365 0.000 3.228	1.921 -4.992 -3.197	0.000 -116.418 -59.753	43.142 0.000 33.567	0.186 -0.289 -0.015	CO 14	4,445	68,536		-3.197		
	Min P _X Max P _Y Min P _Y	0.000 1.821 0.000	0.000 6-365 0.000	0.000 -4.219 0.000	0.000	0.000 19.688 0.000	0.000 0.068 0.000	CO 11	0.000 6.620 0.000	0.000 118.071 0.000		-4.219		
	Max P _Z Min P _Z	2.272 2.909	4.579 4.750	1.921 -4.992	-79.281 -88.023	29.520 37.836	-0.160 -0.151	C0 5 CO 10	5.112 5.570	84.599 95.810	1.921	-4.992		
	Max M _x Min M _x Max M _y	0.000 1.821 3.031	0.000 6.365 2.631	0.000 -4.219 -3.787	0.000 -116.418 -48.203	0.000 19.688 43.142	0.000 0.068 -0.289	CO 11 CO 31	0.000 6.620 4.014	0.000 118.071 64.690		-4.219 -3.787		
	Min M _Y Max M ₂ Min M _z	0.000 1.439 3.031	0.000 4.994 2.631	0.000 0.962 -3.787	0.000 -90.295 -48.203	0.000 13.544 43.142	0.000 0.186 -0.289	CO 33 CO 31	0.000 5.197 4.014	0.000 91.305 64.690	0.962	-3.787		
	Max Min	2.112 -2.609	1.252 -6.047	1.906 -4.941	112.264 -3.365	22.198 -38.236	0.258							
	Max P _X Min P _X Max P _Y	2.112 -2.609 -0.462	-1.324 -2.260 1.252	-0.573 -3.635 -0.564	24.373 43.586 -3.366	22.180 -38.236 -5.444	-0.007 -0.222 -0.014	CO 18 CO 32 CO 19	2,493 3,452 1,335	32.954 57.980 6.401		-0.573 -3.635 -0.564		
	Min Py Max Pz Min Pz	-1.496 -1.867 -2.578	-6.047 -4.264 -4.468	-4.270 1.906 -4.941	112.264 75.993 84.512	-15.880 -24.734 -33.863	0.132 -0.132 -0.090	CO 10 CO 4 CO 11	6.229 4.655 5.158	113.382 79.917 91.044	1.906	-4.270 -4.941		
	Max M _X Min M _X	-1.496 -0.462	-6.047 1.252	-4.270 -0.564	112.264 -3.365	-15.880 -5.444	0.132	CO 10 CO 19	6.229 1.335	113.382 6.401		-4.270 -0.564		
	Max M _y Min M _y Max M _z	2.112 -2.609 -0.776	-1.329 -2.260 -5.077	-2.271 -3.635 -3.113	24.519 43.586 94.130	22.198 -38.236 -5.521	-0.007 -0.222 0.258	CO 16 CO 32 CO 31	2.495 3.452 5.136	33.075 57.980 94.363		-2.271 -3.635 -3.113		
	Min M _z Max Min	-2.609 3.037 0.000	-2,260 6,369 0.000	-3.635 1.907 -5.007	43.586 0.000 -116.532	-38,236 41,260 0.000	-0.222 0.237 -0.243	CO 32	3,452	57,980		-3.635		
	Max P _x Min P _x Max P _y	3.037 0.000 1.677	1.329 0.000 6.369	-2.257 0.000 -4.239	-24.309 0.000 -116.532	32.870 0.000 17.180	-0.006 0.000 0.122	CO 16	3.315 0.000 6.586	40.882 0.000 117.792		-2.257 -4.239		
	Min P ₇ Max P ₂	0.000	0.000 4.578	0.000	0.000 -79.284	0.000 28.020	0.000	C0 5	0.000 5.071	0.000 84.090	1.907			
	Min Pz Max M _X Min M _X	2.781 0.000 1.677	4.749 0.000 6.369	-5.007 0.000 -4.239	-88.017 0.000 -116.532	35.657 0.000 17.180	-0.103 0.000 0.122	CO 10 CO 11	5,503 0,000 6,586	94,965 0.000 117,792		-5.007 -4.239		
1	Max M _y Min M _y Max M _z	2.918 0.000 1.006	2.634 0.000 5.464	-3.799 0.000 -2.984	-48.245 0.000 -99.006	41.260 0.000 8.229	-0.243 0.000 0.237	CO 31	3.931 0.000 5.556	63,482 0.000 99,347		-3.799 -2.984		
	Min M _Z Max	2.918 2.113	2.634 1,252	-3.793 1,921	-48.245 112,155	41.260 22,207	-0.243 0.204	CO 32 CO 31	3.931	53.482 63.482		-2.984 -3.799		
	Min Max P _x Min P _x	-2.716 2.113 -2.716	-6.043 -1.323 -2.258	-4.927 -0.573 -3.624	-3.365 24.363 43.552	-46.001 22.191 -40.001	-0.265 -0.006 -0.265	CO 18 CO 32	2.493 3.532	32.954 59.134		-0.573 -3.624		
	Max P _Y Min P _Y Max P _Z	-0.462 -1.635 -1.957	1.252 -6.943 -4.264	-0.565 -4.251 1.921	-3.365 112.155 75.989	-5.435 -13.297 -26.231	-0.013 0.080 -0.164	CO 19 CO 10 CO 4	1.335 6.260 4.692	6.392 113.638 80.389	1.921	-0.565 -4.251		
	Min P ₂ Max M ₂ Min M _x	-2.704 -1.635 -0.462	-4.469 -6.043 1.252	-4.927 -4.251 -0.565	84.521 112.155 -3.365	-25.251 -35.994 -18.297 -5.435	-0.137 0.080 -0.013	C011 C010 C019	5.223 6.260 1.335	91.865 113.638 6.392		-4.927 -4.251 -0.565		
	Max M _Y Min M _Y	2.113 -2.716	-1.329 -2.258	-2.271 -3.624	24.508 43.552	22.207 -40.001	-0.006 -0.265	CO 16 CO 32	2.496 3.532	33.073 59.134		-2.271 -3.624		
	Max M _Z Min M _Z Max	-0.911 -2.716 2.036	-5.071 -2.258 3.883	-3.094 -3.624 0.271	93.988 43.552 0.000	-9.012 -40.001 16.921	0.204 -0.265 0.009	CO 31 CO 32	5.152 3.532	94.419 59.134		-3.094 -3.624		
	Min Max P _x Min P _x	-2.173 2.036 -2.173	0.000 0.738 3.883	-4.485 -0.703 -3.752	-75.797 -14.855 -75.797	-44.308 16.921 -44.308	-0.083 0.009 -0.048	CO 18 CO 11	2.166 4.450	22.516 88.662		-0.703 -3.752		
	Max Py Min Py Max Pz	-2.173 0,000 -1,474	3.883 0.000 2.703	-3.752 0.000 0.271	-76.797 0.000 -50.271	-44.308 0.000 -28.977	-0.048 0.000 -0.003	CO 11 CO 5	4,450 0,000 3,079	88.662 0.000 58,024	0.271	-3.752		
	Min P _Z Max M _X	-1.358 0.000	2.573 0.000	-4.485 0.000	-53.238 0.000	-30.499 0.000	0.001 0.000	CQ 10	2.909 0.000	61.355 0.000	wand k	-4.486		
	Min M _X Max M _Y Min M _Y	-2.173 2.036 -2.173	3.883 0.738 3.893	-3.752 -0.703 -3.752	-75.797 -14.855 -76.797	-44.308 16.921 -44.308	-0.048 0.009 -0.048	CO11 CO18 CO11	4.450 2.166 4.450	88.662 22.516 88.662		-3.752 -0.703 -3.752		
	Max M _z Min M _z Max	2.033 -1.529 1.615	0.742 3.219 1.970	-2.377 -0.739 0.629	-14.960 -64.214 43.309	16.866 -33.469 12.165	0.009 -0.983 0.266	CO 16 CO 4	2.164 3.564	22.545 72.413		-2.377 -0.739		
	Min Max P _X Min P _x	-4.395 1.615 -4.395	-2.694 -0.538 -2.148	-2.214 -0.414 -2.207	-17.824 8.562 35.870	-70.651 12.166 -70.651	-0.307 -0.009 -0.188	CO 18 CO 11	1.702 4.892	14.877 79.235		-0.414 -2.207		
	Max P _y Min P _y	-0.919 -3.818	1,970 -2.694	-0.413 -2.214	-17,824 43.309	-14,622 -62.716	-0.017 0.103	CO 19 CO 10	2.174 4.673	23.054 76.217	p. 9	-2.207 -0,413 -2.214		
	Max Pz Min Pz Max Mx	-3.538 -3.818 -3.818	-2.017 -2.694 -2.694	0.629 -2.214 -2.214	31.658 43.309 43.309	-57.340 -52.716 -52.716	-0.206 0.103 0.103	C0 4 C0 10 C0 10	4.073 4.673 4.673	65.499 76.217 76.217	0.629	-2.214 -2.214		
-	Min M _x Max M _y Min M _y	-0.919 1.615 -4.395	1.970 -0.538 -2.148	-0.413 -0.414 -2.207	-17.824 8.562 35.870	-14.622 12.166 -70.651	-0.017 -0.009 -0.188	CO 19 CO 18 CO 11	2.174 1.702 4.892	23.054 14.877 79.235		-0.413 -0.414 -2.207		
	Max M ₂ Min M ₂	-2.649 -3.527	-2.312 -1.316	-1.526 -1.484	37.202 22.976	-44.444 -56.740	0.266	CO 31 CO 32	3.516 3.765	57.959 61.215		-1.526 -1.484		
		ult		III	1	190/	/F5 F	ire	rated	specif	ficatio	ons		
	NTI	RN	<i>ATIO</i>	NAL	5	tand	ard ra	ange			Revision	0	28-Oct-12	
						Average	_	erage break	Average Elongation	Average Weft break	Average	Contraction of the second s	Average Burst to	CONVERSION
D	Colou esert S		Shade % 80	-	ock %	GSM 185		ngth kgs 50	% 40	strength kgs 72	% 73	Kpa 156	Mass ratio 0.84	185 GSM = .03 50 KGS = 110 L
	Blue		80 85		5	185 185	-	50 50	40	72	73	156	0.84	72 KGS = 159 l
_	Brow	n	80		15	185		50	40	72	73	156	0.84	156 Kpa = 325
	Red		80 80	-	16 1	185 185		50 50	40 40	72	73 73	156 156	0.84	
٦	Terraco Yello	otta	75 80	8	12	185 185		50 50	40 40	72	73 73	156	0.84	
			90	ar			110	O LB		159 LB		3258 PS		
	Note	s:		Tear te This repo provided and chara	ests are do int has been con is considered to acteristics of th	one using ompiled using to be a good r ne fabric teste	the mean res reflection of th d.	wide str ults from all to be relevant pr	ip and a cros ests conducted on operties of the fabr	itle 19 Test for is head speed of the given sample by on ic tested. These result information differ to that	of 500mm/m ur Quality Control s must only be us	in Laboratory, the informated as an indication of the	ation he quality	>
	í		on Jouber				_					1	Tommy Rogers	
		Ge	neral Mar	ager - M	lultiknit (P	ty) ttd							wanaging Direc	ctor - Multiknit (Pty)

GALVANIZED IWRC <u>6 X 19 IWRC</u>

IMPROVED PLOW STEEL / EXTRA IMPROVED PLOW STEEL

NOMINAL	MIN. BREAK	ING STRENGTH	WEIGHT	STOCK
DIAMETER	IPS	EIPS*	WEIGHT	NUMBER
INCH	LBS	LBS	LBS/FT	6X19
1/4"	5,300	6,120	0.105	J42
5/16"	8,240	9,480	0.164	K42
3/8"	11,800	13,600	0.236	L42
7/16"	16,000	18,360	0.320	M 42
1/2"	20,700	24,000	0.420	N42
9/16"	26,100	30,200	0.530	042
5/8"	32,200	37,000	0.660	A42
3/4"	46,000	53,000	0.950	Q42
7/8"	62,200	71,600	1.290	R42
4"	80,800	93,000	1.680	S42
1 1/8"	101,800	117,000	2.130	T42
1 1/4"	125,000	143,800	2.630	U42
1 3/8"	150,400	172,800	3.180	V42
1 1/2"	178,000	206,000	3.780	W 42





BASIC LOAD CASES

DEAD LOAD FLOOR LIVE LOAD ROOF LIVE LOAD ROOF SNOW LOAD SUPERIMPOSED LOADS 0.0378 PSF (FABRIC) N/A 5 PSF 5 PSF 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 22638 I 22638 LB WIRE ROPE THIMBLE FITTING TYPE: THIMBLE MATERIAL: GALVANIZED STEEL FOR WIRE ROPE DIAMETER" 1/2" LOOP INSIDE LENGTH: 17/8" INSIDE WIDTH: 1 1/8" SPECIFICATIONS MET FED. SPEC. FF-T-276B

Clevis Inside Lg Pi Di	n –			-	In
			N		61
Dead Er Live Er	7		R Turi	openba	
Delta	Mai	llon	rapio	le	
	ape: d	evelop		T the e	
- Carton Contraction (at nort			ver
Delta sh onto its I Zinc plated stea	ower fl	at part.			ver
onto its l Zinc plated stee Reference	ower fi	neter inches	L.T.	LII	L.I.
onto its I Zinc plated stee	ower fl	neter		LI.1 10 12,5	
onto its I Zinc plated stee Reference MRDZ02.5	Dian mm 2,5	neter inches 3/32"	L.T. 22	10	
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.5 MRDZ03.0	Ower fl Dian mm 2,5 3 3,5 4	neter inches 3/32" 7/64" 1/8" 5/32"	L.T. 22 27 31 35,5	10 12,5 14 16	
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.5	Dian mm 2,5 3 3,5	neter inches 3/32" 7/64" 1/8"	L.T. 22 27 31	10 12,5 14	LI
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.5 MRDZ03.0 MRDZ03.0	ower fl Dian mm 2,5 3 3,5 4 5	neter inches 3/32" 7/64" 1/8" 5/32" 3/16"	L.T. 22 27 31 35,5 40	10 12,5 14 16 17	LI
Onto its I Zinc plated stee Reference MRD202.5 MRD203.0 MRD203.0 MRD204.0 MRD205.0 MRD205.0 MRD206.0 MRD206.0 MRD207.0 MRD208.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 8	neter inches 3/32" 7/64" 1/8" 5/32" 3/16" 1/4" 9/32" 5/16"	L.T. 222 277 311 35,5 400 477 511 566	10 12,5 14 16 17 20,5 21 22,5	LI
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.0 MRDZ04.0 MRDZ04.0 MRDZ05.0 MRDZ05.0 MRDZ06.0 MRDZ07.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7	neter inches 3/32" 7/64" 1/8" 5/32" 3/16" 1/4" 9/32"	L.T. 22 27 31 35,5 40 47 51	10 12,5 14 16 17 20,5 21	LI
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.0 MRDZ03.0 MRDZ04.0 MRDZ04.0 MRDZ05.0 MRDZ06.0 MRDZ06.0 MRDZ06.0 MRDZ08.0 MRDZ09.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 8 9	neter inches 3/32" 7/64" 1/8" 5/32" 3/16" 1/4" 9/32" 5/16" 3/8"	L.T. 22 27 31 35,5 40 47 51 56 60	10 12,5 14 16 17 20,5 21 22,5 23	LI
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.0 MRDZ03.0 MRDZ04.0 MRDZ04.0 MRDZ05.0 MRDZ05.0 MRDZ06.0 MRDZ06.0 MRDZ06.0 MRDZ09.0 MRDZ09.0 MRDZ10.0 MRDZ10.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 8 9 10 12 14	neter inches 3/32" 7/64" 1/8" 5/32" 3/16" 1/4" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16"	L.T. 22 27 31 35,5 40 47 51 56 60 66 75 85	10 12,5 14 16 17 20,5 21 22,5 23 25,5 27,5 30,5	LI
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.0 MRDZ03.0 MRDZ04.0 MRDZ04.0 MRDZ05.0 MRDZ06.0 MRDZ06.0 MRDZ06.0 MRDZ08.0 MRDZ08.0 MRDZ08.0 MRDZ08.0 MRDZ10.0 MRDZ10.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 7 8 9 10 12 14 16	neter inches 3/32" 7/64" 1/8" 5/32" 3/16" 1/4" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16"	L.T. 222 277 311 35,5 400 447 511 566 600 666 755 855 933	10 12,5 14 16 17 20,5 21 22,5 23 25,5 23,5 30,5 31,5	LI
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.0 MRDZ03.0 MRDZ04.0 MRDZ04.0 MRDZ05.0 MRDZ05.0 MRDZ06.0 MRDZ06.0 MRDZ06.0 MRDZ09.0 MRDZ09.0 MRDZ10.0 MRDZ10.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 8 9 10 12 14	neter inches 3/32" 7/64" 1/8" 5/32" 3/16" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 1/1/16"	L.T. 22 27 31 35,5 40 47 51 56 60 66 75 85	10 12,5 14 16 17 20,5 21 22,5 23 25,5 27,5 30,5	LI
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.0 MRDZ03.0 MRDZ04.0 MRDZ04.0 MRDZ05.0 MRDZ06.0 MRDZ06.0 MRDZ06.0 MRDZ09.0 MRDZ09.0 MRDZ09.0 MRDZ10.0 MRDZ10.0 MRDZ16.0 MRDZ16.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 7 8 9 10 12 14 16 18 20	neter inches 3/32" 7/64" 1/8" 5/32" 3/16" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 1/1/16"	L.T. 222 277 311 35,5 400 477 51 56 600 666 755 855 933 102	10 12,5 14 16 17 20,5 21 22,5 23 25,5 27,5 30,5 31,5 32,5	LI
Conto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.0 MRDZ03.0 MRDZ04.0 MRDZ04.0 MRDZ05.0 MRDZ05.0 MRDZ06.0 MRDZ06.0 MRDZ06.0 MRDZ09.0 MRDZ10.0 MRDZ10.0 MRDZ10.0 MRDZ10.0 MRDZ10.0 MRDZ10.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 7 8 9 10 12 14 16 18 20	neter inches 3/32" 7/64" 5/32" 3/16" 3/16" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 25/32"	L.T. 222 277 311 35,55 400 447 511 566 600 666 755 855 933 1022 1112	10 12,5 14 16 17 20,5 21 22,5 23 25,5 27,5 30,5 31,5 32,5 31,5	27
Conto its I Zinc plated stee Reference MRD202.5 MRD203.0 MRD203.0 MRD203.0 MRD203.0 MRD203.0 MRD203.0 MRD205.0 MRD205.0 MRD203.0 MRD203.0 MRD203.0 MRD210.0 MRD210.0 MRD210.0 MRD216.0 MRD218.0 MRD218.0 MRD218.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 7 8 9 10 12 14 16 18 20	neter inches 3/32" 7/64" 5/32" 3/16" 3/16" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 25/32"	L.T. 222 277 311 35,55 400 447 511 566 600 666 755 855 933 1022 1112	10 12,5 14 16 17 20,5 21 22,5 23 25,5 27,5 30,5 31,5 32,5 31,5	27
Onto its I Zinc plated stee Reference MRDZ02.5 MRDZ03.0 MRDZ03.5 MRDZ04.0 MRDZ05.0 MRDZ06.0 MRDZ06.0 MRDZ06.0 MRDZ07.0 MRDZ08.0 MRDZ09.0 MRDZ10.0 MRDZ10.0 MRDZ14.0 MRDZ18.0 MRDZ18.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 8 9 10 12 14 16 18 20 12	neter inches 3/32" 7/64" 5/32" 3/16" 3/16" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 25/32"	L.T. 222 277 311 35,5 400 447 516 600 666 755 855 933 1022 1122	10 12,5 14 16 17 20,5 21 22,5 23 25,5 30,5 31,5 32,5 31,5 31,5 31,5 31,5 1TS	
Conto its I Zinc plated stee Reference MRD202.5 MRD203.0 MRD203.0 MRD203.0 MRD204.0 MRD205.0 MRD205.0 MRD205.0 MRD205.0 MRD209.0 MRD209.0 MRD210.0 MRD210.0 MRD210.0 MRD210.0 MRD218.0 MRD218.0 MRD218.0 MRD218.0 MRD218.0	ower fl Dian mm 2,5 3 3,5 4 5 6 7 8 9 10 12 14 16 18 20 1 14	neter inches 3/32" 7/64" 5/32" 3/16" 9/32" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 25/32"	L.T. 222 277 311 35,5 400 447 516 566 600 666 755 855 933 1022 1122	10 12,5 14 16 17 20,5 21 22,5 23 25,5 30,5 31,5 32,5 31,5 31,5 31,5 31,5 31,5 31,5 31,5 31,5	

Eye

Eye Inside Lg.

			12/04/2020	REV.	NC	
			No. 3693		.2-2000	
			SS AL BERT		183030-	19
		NO.C19168 REN. 10-31-21 FOF CALIFO	TIME		CTIONS	
		* Daitting		Approved By : DRAWING DES	JO CRIPTION:	06/26/20
		SED ARCHI	Res la construction de la constr	Design By :	JO	06/26/20
				Eng. By :	JO	06/26/20
O E R] [in] [in] [in] 54 0.945 2.362 0.69	T WEIGHT LOAD [in] [lb] [lb]	LOAD [Ib] 33069		DO Cod A separate	CHECK (I CUMEN e : 2019 CBC project appl ruction is requ	C ication
	WORKING	BREAKING				
	Chorrent auto said dimensiones Stat	nless steel Ziens				
	52 16,25 22 845 2600 13 60 17,75 24 1185 3000 19					
46 87 67 12	29 10,25 13 153 900 4	1500 × 1				
40 73 57 10	24 8,85 11 88 550 2	2750 × 1000		DRAWING SIZE	D	
35 56 44 7,5		750 > (****) 250 > (****) 2000 > (****)			: NONE	
27,5 40 32 5,5 1	11 5 5 9 70 2,5 5,75 6 14 100 10 0.5 7 0.2 150	350 > 100 500 > 100 350 > 100			XIMUM 3' MAX. x	15'e
17 27 22 3,5 21 30 24 4	8 3,5 3,5 3 25 9 4,25 4 6 40	125 • 🐲 200 • 🐲			DSA	.~
Dimensions - mm L.I.2 H.T. H.I. O E	Weight WLL I	aleas steel Zicaal BL Quote rg Qty		STRUCTURE TY	PE: SION SAIL	.s
ver-increasing development of	of webbing-fitted systems; perfect for	n r webbing uphold		A	APPRO DIV. OF THE STA APP: 04-1194! REVIEWE SS P FLS P A DATE: 03/2	TE ARCHITECT
	1			MODEL NUMBE		2.9
- a J	Direction of loading			3048 Tyler El Monte, C		1
3	REQUIRED TORQUE: 65 CAPACITY: 80% OF THE SPECIFICATIONS MET A		F-C-450	LOCATION:		
	HEIGHT: 2 3/8" THICKNESS: 1 15/16" REQUIRED INSTALLATIO	ON TOOL: TORQUE WREN	СН	El Monte H		loc
ck 🗲	CLAMP WIDTH: 2 5/16"			PROJECT NAMI	E:	
	ROPE TURNBACK: 11 1/2 FOR WIRE ROPE CONS ATTACHMENT TYPE: LC	FRUCTION: 6 × 19		El Monte U	nion HS	District
	FOR WIRE ROPE DIAME NUMBER OF CLAMPS R	EQUIRED: 3		CLARK COUN CERTIFICATION	NTY MANUFACT NUMBER (NEV/	URER ADA): 355
	FITTING TYPE: ROPE CL FABRICATION: FORGED MATERIAL: GALVANIZEI				ICATION No: FA	
	FORGED WIRE ROPE CI			DFW AIRF	PORT, TX, 75 9-966-5005	
nside Wd.	ATTACHMENT TYPE: EY	E-TO-CLEVIS		CORPORATE 2580 ESTER	E HEADQUA	RTERS
Clevis	SPECIFICATIONS MET FI FITTING TYPE: SWIVEL				SASH	IADE
a	CAPACITY: 7,200 LBS. FABRICATION: FORGED				VITHOUT THEIR ERMISSION.	WRITTEN
	INSIDE LENGTH: 1 3/4" PIN DIAMETER: 3/4" PIN TYPE: COTTER			THESE PLANS AND PROPERTY OF U STRUCTURE		D FABRIC
Lg.	CLEVIS INSIDE WIDTH: 1 1/8"					
Thick.	INSIDE LENGTH: 1 3/4" ID: 2"				DATE: 06/0	02/2023
·	EYE: THICKNESS: 3/4"			Ę		ACS 🗹
	LENGTH: 5 7/8"	STEEL		A	DIV. OF THE STA	