

SWSD Rescue Junior San Diego, CA

Package 1
ISSUE FOR BID/ ISSUE FOR PERMIT

VOLUME 1 OF 1

PGAV Project Number: 64117-00

Issue Date: FEBRUARY 01, 2023

Sea World LLC
d/b/a SeaWorld San Diego
500 SeaWorld Drive; San Diego, CA 92109-7993

MEP **EXP**330 N Brand Blvd Ste 950 Glendale, CA 91203 818-539-1110 Structural Engineering
MLA

1424 Fourth Ave Ste 415
Seattle, WA 98101
206-264-2727



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GENERAL NOTES

1. ELEVATIONS SHOWN ARE BASED ON A SURVEY OF EXISTING CONDITIONS.

- 2. LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN FROM AVAILABLE RECORDS. ACTUAL LOCATIONS OF UTILITIES SHALL BE VERIFIED IN THE COURSE OF EXCAVATION. NOTIFY OWNER'S REPRESENTATIVE/OWNER'S PROJECT MANAGER AND ARCHITECT OF DISCREPANCIES BETWEEN UTILITY LOCATIONS SHOWN AND
- 3. CONTRACTOR SHALL INSPECT SITE AND ADJUST EXISTING SITE STRUCTURES, MANHOLES, CATCH BASINS, ETC., AS REQUIRED TO CONFORM TO FINISH GRADE ELEVATIONS. SITE STRUCTURES, MANHOLES, DRAINS, ETC., IN WALKING SURFACES SHALL BE COMPLIANT WITH ADA STANDARDS AND LOCAL ACCESSIBILITY
- 4. CONTRACTOR(S) SHALL VERIFY QUANITITIES AND REVIEW EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. NOTIFY THE OWNER 'S REPRESENTATIVE/OWNER'S PROJECT MANAGER AND ARCHITECT OF DISCREPANCIES BETWEEN CONDITIONS SHOWN AND ACTUAL FIELD CONDITIONS.
- 5. INFORMATION, INCLUDING DIMENSIONS, HAS BEEN PROVIDED FROM ORIGINAL CONSTRUCTION DOCUMENTS AND EXISTING FIELD CONDITIONS MAY VARY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE OWNER 'S REPRESENTATIVE/OWNER'S PROJECT MANAGER AND
- 6. CONTRACTOR TO COORDINATE WITH THE OWNER AND PUBLIC UTILITIES FOR LOCATION AND SCHEDULING OF TERMINATION, CUTTING, AND PATCHING OF a. REFER TO DIVISION 01 REQUIREMENT FOR NOTICES TO UTILITY OWNER, PROPERTY OWNER, OWNER 'S REPRESENTATIVE/OWNER'S PROJECT MANAGER, AND ARCHITECT BEFORE INTERRUPTING UTILITY SERVICES TO ANY LOCATION. b. NOTIFY AND COORDINATE WITH THE OWNER THE RELOCATION OF AND TEMPORARY PROVISION FOR UTILITY SERVICES AFFECTING OWNER 'S OPERATIONS OUTSIDE OF THE PROJECT AREA.
- 7. FIRE DEPARTMENT ACCESS PATH (FIRE LANE) AS INDICATED ON DRAWINGS SHALL BE MAINTAINED CLEAR OF CONSTRUCTION ACTIVITY AT ALL TIMES. THIS CLEARANCE SHALL BE 14'-0" WIDE X 13'-6" HIGH. INTERFERENCE WITH THE FIRE LANE IS NOT PERMITTED. 8. CONSTRUCTION ACCESS SHALL BE THROUGH A CONSTRUCTION GATE AND BE ALONG A CONSTRUCTION ACCESS PATH AS DESIGNATED BY THE OWNER. CONSTRUCTION SCHEDULE INCLUDING SCHEDULE OF CONSTRUCTION ACCESS SHALL BE REVIEWED WITH THE OWNER.

9. FACILITIES AND SITE IMPROVEMENTS ALONG THE CONSTRUCTION ACCESS ROUTE AND AT CONSTRUCTION LAY-DOWN AREAS WHICH ARE DAMAGED DUE TO

CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL CONDITION OR AS IDENTIFIED IN THE SCOPE OF WORK. RESTORATION WORK INCLUDES BUT IS

- NOT LIMITED TO A) REPAIR, RESEAL, AND RE-STRIPE ASPHALT SURFACES, AND B) REPAIR OR REPLACEMENT OF GRADING, LANDSCAPE AND FENCES. 10. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ETC., FOR FLOOR DRAINS AND SLOPE OF FLOORS TO DRAINS. SLOPE FLOORS AS INDICATED ON DRAWINGS. IF NOT SHOWN ON DRAWINGS, SLOPE THE ENTIRE FLOOR SURFACE WITHIN AN AREA OR ROOM TO THE DRAIN(S). PONDING WATER DUE TO IMPROPER SLOPES AND/OR DRAIN INLETS HIGHER THAN THE SURROUNDING FLOOR SHALL BE CORRECTED AT CONTRACTOR 'S a. FIRST FLOOR ELEVATION IS TOP OF SLAB. FLOOR TO SLOPE TO DRAIN FROM THAT ELEVATION UNLESS NOTED OTHERWISE. b. MINIMUM FLOOR SLOPE TO DRAIN = 1/16 " PER FOOT.
- c. MAXIMUM FLOOR SLOPE TO DRAIN = 1/4 " PER FOOT. d. TOP OF FLOOR DRAIN SHALL NOT BE LOWER THAN 1 -1/2 "BELOW THE FINISH FLOOR ELEVATION.

ARCHITECT OF DISCREPANCIES BETWEEN CONDITIONS SHOWN AND ACTUAL FIELD CONDITIONS.

11. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, ETC., FOR REQUIREMENTS FOR HOUSEKEEPING PADS. EQUIPMENT, UNLESS NOTED OTHERWISE, IS TO BE PLACED ON HOUSEKEEPING PADS. 12. CONTRACTOR(S) TO COORDINATE WITH OTHER CONTRACTOR(S) AS REQUIRED TO COMPLETE THE WORK, INCLUDING COORDINATION WITH CONTRACTOR(S) UNDER SEPARATE CONTRACT WITH THE OWNER.

SEA PROJECTS ADDITIONAL GENERAL NOTES

- 15. ELEVATIONS ARE BASED ON SEA DATUM STANDARDS. AQSD: ELEVATIONS SHOWN ARE BASED ON USGS DATUM. REFER TO EXISTING CONDITIONS DRAWING FOR MEAN SEA LEVEL REFERENCE ELEVATION. 16. REFER TO BUILDING DRAWINGS FOR ADDITIONAL INFORMATION.
- 17. REFER TO FINISH SCHEDULES, MATERIAL LEGENDS, AND SPECIFICATIONS FOR FLOOR, WALL, WALL BASE, AND CEILING FINISH MATERIALS 18. REFER TO CHARACTER REFERENCE GUIDE FOR ADDITIONAL INFORMATION. 19. REFER TO GRAPHICS GUIDE FOR ADDITIONAL INFORMATION.
- 20. CONSTRUCTION ACCESS ROUTE AND SCHEDULE OF CONSTRUCTION TRAFFIC ARE TO BE REVIEWED AND APPROVED BY THE OWNER 'S PROJECT MANAGER. a. CONTRACTOR TO COOPERATE WITH OWNER TO MAINTAIN CONTINUITY OF OWNER 'S VENDOR DELIVERIES, PARK OPERATIONS AND SITE ACCESS, AND TO ENSURE THE SAFETY OF GUESTS, PARK STAFF, AND ANIMALS. 21. CONTRACTOR TO PROVIDE TEMPORARY LIGHTING FOR GUESTS. LIGHTING TO BE ATTACHED TO THE CONSTUCTION FENCE. PROVIDE TEMPORARY LIGHTING FIXTURES AT 50 '-0" INTERVALS. 22. CONCRETE FLATWORK DESIGNATED AS A COLOR SHALL BE INTEGRAL COLOR MATERIAL. REFER TO SPECIFICATION FOR MOCK-UP REQUIREMENTS.
- a. CURBS ADJACENT TO COLOR CONCRETE PAVING SHALL BE INTEGRAL COLOR TO MATCH ADJACENT PAVEMENT. b. CAST-IN-PLACE CONCRETE DESIGNATED TO BE INTEGRAL COLOR SHALL MATCH ADJACENT PAVEMENT. UNLESS NOTED OTHERWISE. c. CONTRACTOR TO SUBMIT MOCK-UP OF INTEGRAL COLOR CONCRETE SYSTEMS FOR OWNER REVIEW PRIOR TO INSTALLATION.
- a. REFER TO CIVIL DRAWINGS FOR PAVEMENT SUB-BASE. b. REFER TO CIVIL DRAWINGS FOR PAVEMENT THICKNESS LOCATIONS. PAVEMENT TO BE 6 "THICKNESS UNLESS NOTED OTHERWISE. c. AT LOCATIONS FOR GOLF CART TRAFFIC, PROVIDE 4 "THICKNESS NON-COLOR CONCRETE WITH 6X6 W1.4 X 1.4 WELDED WIRE FABRIC SUPPORTED ON BARS 1 ½ "
- 24. IT IS THE OWNER'S INTENT FOR GUARDRAILS TO BE DIMENSIONED AT 3 '-7" ABOVE FINISH FLOOR (AFF) AS A MININUM DIMENSION. AT NO POINT ALONG ITS ELEVATION SHALL THE TOP OF GUARDRAIL BE BELOW 3 '-7". 25. PROVIDE CONCEALED FASTENERS AT ALL ATTACHMENTS, UNLESS NOTED OTHERWISE. FASTENERS SHALL BE NONCORROSIVE MATERIAL AND INSULATED FROM
- DISSIMILAR MATERIALS TO PREVENT GALVANIC ACTION ALONG CONDUCTIVE PATHS. a. IF FASTENERS ARE TO BE VISIBLE, NOTIFY ARCHITECT/DESIGNER BEFORE FABRICATION AND INSTALLATION. b. EXPOSED SCREW ENDS. IF PROVIDED. ARE TO BE CAPPED WITH STAINLESS STEEL ACORN NUTS. 26. REFER TO PAINTING & COATING SPECIFICATION FOR PAINTING OF SURFACES EXPOSED TO VIEW.

CALIFORNIA PROJECTS ADDITIONAL GENERAL NOTES

27. OWNER AND/OR CONTRACTOR SHALL SECURE BUILDING PERMITS REQUIRED BY AUTHORITY HAVING JURISDICTION, INCLUDING FIRE DEPARTMENT, PRIOR TO 28. BUILDING OWNER SHALL SECURE BUILDING OCCUPANCY PERMITS REQUIRED BY THE FIRE DEPARTMENT FROM THE FIRE PRESERVATION BUREAU PRIOR TO OCCUPYING THE BUILDING(S). 29. FIRE PROTECTION, INCLUDING FIRE APPARATUS ACCESS ROADS AND WATER SUPPLIES FOR FIRE PROTECTION, SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING THE TIME OF CONSTRUCTION. 30. FIRE EQUIPMENT, INCLUDING FIRE SUPPRESSION EQUIPMENT, TO BE INSTALLED AS A PART OF THIS SCOPE OF WORK SHALL BE REVIEWED BY THE FIRE MARSHAL PRIOR TO INSTALLATION. SUBMIT FIRE SUPPRESSION SHOP DRAWINGS AND PRODUCT DATA TO THE FIRE DEPARTMENT FOR APPROVAL. 31. FIRE HYDRANTS, IF REQUIRED AS A PART OF THIS SCOPE OF WORK, SHALL COMPLY WITH FIRE DEPARTMENT REQUIREMENTS FOR ON-SITE FIRE HYDRANTS. 32. CONTRACTOR TO PROVIDE A MINIMUM OF ONE 2A:10BC CLASSIFICATION FIRE EXTINGUISHER WITHIN 75 FEET TRAVEL DISTANCE FOR EACH 6,000 SQUARE FEET

- 33. THE MINIMUM WIDTH OF THE MEANS OF EGRESS SHALL REMAIN UNDIMINISHED ALONG THE PATH OF EXIT TRAVEL. THE MINIMUM WIDTH SHALL BE DETERMINED AS THE MINIMUM GOVERNING WIDTH DETERMINED FROM THE CUMULATIVE OCCUPANT LOAD AT THAT POINT. a. PROVIDE AND MAINTAIN AN UNOBSTRUCTED MINIMUM HEIGHT CLEARANCE OF 7 '-0" ALONG THE MEANS OF EGRESS. 34. DOORS IN THE MEANS OF EGRESS SHALL BE OPERABLE FROM FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. a. NO LATCH OR LOCKING DEVICE EXCEPT PANIC HARDWARE IS PERMITTED AT EMERGENCY EXITS. 35. GRADE LEVEL AREAS DESIGNATED AS EXIT DISCHARGE COMPONENTS FOR A BUILDING SHALL BE PERMANENTLY MAINTAINED. AREAS SHALL NOT BE
- DEVELOPED OR OTHERWISE ALTERED IN THEIR CAPACITY TO PROVIDE FOR CONTINUOUS, UNOBSTRUCTED, AND UNDIMINSHED MEANS OF EGRESS FOR THE 36. ELECTRICAL ITEMS ARE TO BE UL RATED. ASSEMBLIES CONTAINING ELECTRICAL COMPONENTS ARE TO BE UL RATED FOR THE ENTIRE ASSEMBLY. CALIFORNIA PROJECT BUILDING DEPARTMENT NOTES - REFER TO SWSD MASTER

CALIFORNIA PROJECT FIRE DEPARTMENT NOTES – REFER TO SWSD MASTER

EDITOR: INCLUDE CHULA VISTA FIRE LANE DIAGRAM WITH THESE NOTES CALIFORNIA PROJECT CALGREEN NOTES - REFER TO SWSD MASTER

EDITOR: INCLUDE CALGREEN MANDATORY MEASURES CHECKLIST WITH THESE NOTES

OR PORTION THEREOF. REVIEW FIRE EXTINGUISHERS LOCATIONS WITH THE FIRE MARSHAL.

DEMOLITION SITE PLAN GENERAL NOTES

- 1. CONTRACTOR SHALL PROTECT FROM DAMAGE DURING CONSTRUCTION EXISTING ITEMS TO REMAIN INCLUDING UTILITIES, FACILITIES, STRUCTURES, FINISHES,
- 2. CONTRACTOR SHALL PROTECT FROM DAMAGE DURING CONSTRUCTION ADJACENT FACILITIES AND ITEMS THAT REMAIN IN USE BY THE OWNER DURING THE CONSTRUCTION PERIOD. 3. CONTRACTOR SHALL PROTECT EXISTING LANDSCAPE TO REMAIN INCLUDING TREES, PLANTS, TURF AND GRASSES WITH A PROTECTIVE FENCE. LOCATE FENCE
- WHERE INDICATED, AND WHERE NOT INDICATED LOCATE FENCE AT THE DRIP LINE OF TREES AND PLANTS, OR AT A MINIMUM DISTANCE CONDUCIVE TO THE SURVIVAL OF THE LANDSCAPE MATERIAL. 4. CONTRACTOR SHALL RELOCATE FENCES AND GATES AS REQUIRED FOR STAGING AND PHASES THROUGHOUT THE CONSTRUCTION PERIOD. REFER TO
- 5. REFER TO TEMPORARY FACILITIES AND CONTROLS SPECIFICATION FOR TEMPORARY FENCE TYPES AND MATERIALS.

SITE PLAN GENERAL NOTES

CONSTRUCTION PHASING DRAWINGS.

1. REFER TO ELECTRICAL, PLUMBING, FIRE SUPPRESSION, AND LIFE SUPPORT SYSTEMS DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK. 2. SEE SHEET G01.351 FOR ADA DIMENSION AND CLEARANCE DETAILS.

LANDSCAPE GENERAL NOTES

FIELD CONDITIONS.

- 1. REFER TO SITE PLAN DRAWINGS FOR SITE IMPROVEMENTS.
- 2. REFER TO ELECTRICAL, PLUMBING, AND SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK. CONTRACTOR TO COORDINATE PLACEMENT OF TREES WITH SITE LIGHTING. CANOPY OF TREE AT ULTIMATE SIZE SHALL NOT CONFLICT WITH LIGHTING PROJECTED ALONG WALKWAYS. 3. CONTRACTOR SHALL VERIFY PLANT TOTALS PRIOR TO SUBMITTING A BID. PLANT SYMBOLS TAKE PRECEDENCE OVER PLANT QUANTITIES SPECIFIED. PLANTS, SHRUB(S), AND GROUNDCOVER(S) ARE SHOWN AS MASS QUANTITIES ON PLAN(S). CONTRACTOR SHALL MAINTAIN A CONSISTENT CENTER-ON-CENTER
- TRIANGULAR PLANTING SEPARATION DISTANCE. 4. UNDERPLANT TREES WITH THE ADJACENT SHRUB AND/OR GROUNDCOVER AS INDICATED ON PLAN(S) TO WITHIN 12 INCHES OF TREE. UNDERPLANT SHRUBS WITH GROUNDCOVER TO WITHIN 12 INCHES OF SHRUB STEMS.
- 5. FINISH GRADES SHALL BE SMOOTH AND CONSISTENT WITHOUT POTENTIAL FOR PONDING OR STANDING WATER. CONTRACTOR SHALL MAINTAIN A MINIMUM 2% SURFACE DRAINAGE SLOPE FROM BUILDINGS, STRUCTURES, AND PAVING INTO DRAINAGE STRUCTURES. REFER TO CIVIL ENGINEER 'S GRADING AND DRAINAGE PLAN. NOTIFY THE OWNER'S REPRESENTATIVE/OWNER'S PROJECT MANAGER AND ARCHITECT OF DISCREPANCIES BETWEEN CONDITIONS SHOWN AND ACTUAL
- 6. OWNER'S REPRESENTATIVE/OWNER'S PROJECT MANAGER TO REVIEW FINISH GRADING PRIOR TO PLACEMENT OF ANY PLANT MATERIAL. 7. CONTRACTOR TO CONDUCT PERCOLATION TEST PRIOR TO PLANTING. 8. CONTRACTOR SHALL DEMONSTRATE THE IRRIGATION SYSTEM IS FULLY OPERATIONAL PRIOR TO PLANTING. PLANTING AREAS SHALL BE THOROUGHLY WATERED.

CONSTRUCTION PHASING PLAN GENERAL NOTES

DEMOLITION FLOOR PLANS GENERAL NOTES

- 1. REFER TO OWNER'S FORM OF PROPOSAL AND CONTRACT FOR CONSTRUCTION PHASING SCOPE OF WORK, COMPLETION DATES, AND HIGH GUEST ATTENDANCE DATES CRITICAL TO THE CONSTRUCTION SCHEDULE. a. COORDINATE THE CONSTRUCTION SCHEDULE WITH THE OWNER'S REPRESENTATIVE/OWNER'S PROJECT MANAGER TO OPTIMIZE CRITICAL PATH OBJECTIVES.
- 2. PROJECT LIMIT LINE IS PROVIDED FOR THE CONVENIENCE OF THE OWNER AND CONTRACTOR. THE PROJECT LIMIT LINE INDICATES THE MAJOR WORK AREAS OF THE PROJECT. THE SCOPE OF WORK WHERE INDICATED ON DRAWINGS, SPECIFICATIONS, OR AS REQUIRED TO COMPLETE THE WORK MAY INCLUDE WORK OUTSIDE THE PROJECT LIMIT LINE SHOWN. IT IS THE RESPONSIBILITY OF CONTRACTOR TO PROVIDE A COMPLETE, FUNCTIONING PROJECT IRREGARDLESS OF
- THE PROJECT LIMIT LINE LOCATION. 3. CONTRACTOR SHALL RELOCATE FENCES AND GATES AS REQUIRED FOR STAGING AND PHASES THROUGHOUT THE CONSTRUCTION PERIOD. REFER TO
- CONSTRUCTION PHASING DRAWINGS. 4. REFER TO TEMPORARY FACILITIES AND CONTROLS SPECIFICATION FOR TEMPORARY FENCE TYPES AND MATERIALS.
- 5. MAINTAIN OWNER'S ACCESS TO FIRST AID, RESTROOMS, CHARACTER CHANGING AREA, AND STROLLER BUILDING. 6. REFER TO ELECTRICAL, PLUMBING, AND SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK.

1. PROTECT EXISTING EQUIPMENT TO REMAIN FROM DAMAGE DURING CONSTRUCTION. 2. DETACH CEILING MOUNTED EQUIPMENT TO REMAIN, TEMPORARILY SUPPORT, COVER AND PROTECT.

3. FOR EXISTING SURFACES TO REMAIN, REMOVE SCREWS, HANGERS, FASTENERS, ETC., PRIOR TO APPLICATION OF FINISH MATERIAL. PATCH SURFACES WHETHER OR NOT THE SURFACE IS TO RECEIVE FINISH. 4. ABATEMENT CONTRACTOR TO PROVIDE REMOVAL OF EXISTING HAZARDOUS MATERIALS (ASBESTOS).

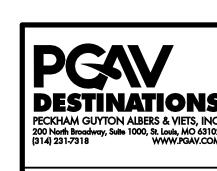
FLOOR PLANS GENERAL NOTES

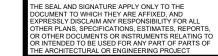
1. PROTECT EXISTING EQUIPMENT TO REMAIN FROM DAMAGE DURING CONSTRUCTION. 2. SEE SHEET G01.351 FOR ADA DIMENSION AND CLEARANCE DETAILS.

MEP DESIGN-BUILD GENERAL NOTES

- 1. ELECTRICAL (INCLUDING COMMUNICATIONS CABLE AND CONDUIT), PLUMBING, AND ENGINEERING AND WORK SHALL BE PERFORMED ON A DESIGN-BUILD BASIS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALTERED WORK AND ITS IMPACT ON THE EXISTING SYSTEMS.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE OF THE WORK WITH APPLICABLE BUILDING CODES. 3. IF REQUIRED TO OBTAIN A BUILDING PERMIT, IT SHALL BE THE CONTRACTOR 'S RESPONSIBILITY TO PROVIDE SIGNED AND SEALED DOCUMENTS PREPARED BY A QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION AND LICENSED BY THE AUTHORITY HAVING JURISDICTION. INCLUDE A LISTING OF CODES, DESIGN LOADS, AND OTHER FACTORS USED IN PERFORMING THESE SERVICES.

Keynote List SEE GENERAL DWG INFO. SHEET FOR COMPLETE LIST



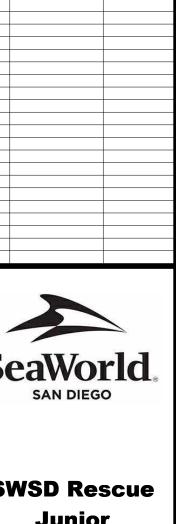


Accessibility for Persons with Disabilities: This drawing contains layouts and elements critical to providing Access for Disabled Persons. Contractor shall provide verification and certification of Compliance with the

applicable accessibility regulations.

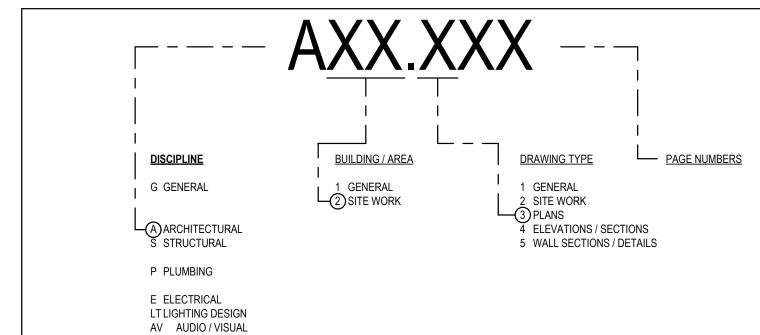
The theming scope of work shown on these drawings is for design intent. Outlines, sketches, drawings, picture references, material specifications, and notes on this document are for the express purpose of location, general identification, adjacency, and design intent. Structural design, code compliance, manufacture, installation, and safety of operation are to be provided by the documentation signed and sealed by a qualified Engineer licensed to practice by the authority having jurisdiction. The for the purpose of checking for conformance with information given and the design concept expressed in the Contract Documents.

Outlines, sketches, or references of a possible "Ride" or "Rides" or use of any "ride" terms such as "coaster", "merry-go-round", trade names, etc. on this drawing are for purpose of location, general identification, and adjacency only. Peckham, Guyton, Albers, and Viets, Inc. and all engineers or companies listed on this drawing (herein after referred to as Architect/Engineer) hereby gives notice that the "Ride" however shown or referenced on this drawing is not in any way, shape, or form the creation or responsibility of the Architect/Engineer. Its design, structural support, manufacture, erection, approval, acceptance, operation, safety, maintenance, and all of its function, characteristics, or appurtenances are not a part of the Architect/Engineer's work. Such functions are to be performed by others engaged by the Owner for such purpose, or by Owner's



DESCRIPTION

SHEET NUMBERING



SWSD Rescue Junior San Diego, CA Package 1 Issue for Bid/Issue for Permit

DRAWING INDEX

FEBRUARY 01, 2023 BCD 64117-00

BUILDING DEPARTMENT NOTES

1. THE CONSTRUCTION, REMODEL, OR DEMOLITION OF A BUILDING SHALL COMPLY WITH CFC 2. BUILDING OCCUPANT SHALL SECURE BUILDING PERMITS REQUIRED BY FIRE DEPARTMENT

FROM THE FIRE PREVENTION BUREAU PRIOR TO OCCUPYING

THIS BUILDING.

3. PLANS FOR THE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED IN A TIMELY MANNER THAT ALLOWS A MINIMUM 30 WORKING DAYS FOR INITIAL PLAN REVIEW. ALL COMMENTS RELATED TO THE DEFERRED SUBMITTAL MUST BE ADDRESSED TO THE SATISFACTION OF THE PLAN CHECK DIVISION PRIOR TO APPROVAL OF THE SUBMITTAL ITEMS

4. GRADE LEVEL AREAS DESIGNATED AS EXIT DISCHARGE COMPONENTS FOR A BUILDING SHALL BE PERMANENTLY MAINTAINED. SUCH AREAS SHALL NOT BE DEVELOPED OR OTHERWISE ALTERED IN THEIR CAPACITY TO PROVIDE FOR CONTINUOUS, UNOBSTRUCTED, AND UNDIMINISHED MEANS OF EGRESS FOR THE BUILDING OCCUPANT. IF SUCH AREAS ARE SOLD INDEPENDENT OF THE BUILDING THEY SERVE, AN EXIT DISCHARGE COMPLYING WITH THE REQUIREMENTS OF CBC SEC 1027 SHALL BE PROVIDED FOR THE BUILDING.

5. DOORS IN THE MEANS OF EGRESS SYSTEM TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT (CBC SEC 1008.1.9)

6. THE MINIMUM WIDTH OF THE MEANS OF EGRESS SYSTEM SHALL REMAIN UNDIMINISHED ALONG THE PATH OF EXIT TRAVEL. THE MINIMUM WIDTH SHALL BE DETERMINED AS THE MINIMUM GOVERNING WIDTH DETERMINED FROM THE CUMULATIVE OCCUPANT LOAD AT THAT POINT (CBC

7. PROVIDE AND MAINTAIN AN UNOBSTRUCTED MINIMUM HEIGHT CLEARANCE OF 7'-6" ALONG THE MEANS OF EGRESS SYSTEM (CBC SEC 1003.2)

8. EXIT SIGNS MUST BE INTERNALLY ILLUMINATED. (CFC SEC 1212.4 AND CBC SEC 1013.3) NO NEW EXIT SIGNS IN SCOPE OF WORK. 9. TWO SEPARATE POWER SUPPLIES ARE PROVIDED FOR EXIT SIGNS CONFORMING TO CODE

SECTIONS AS FOLLOWS: CBC SEC 1011.4. 10. ELECTRICAL PANELS SHALL NOT BE LOCATED WITHIN FIRE-RATED CORRIDORS. PROTECT ALL-EXIT ACCESS DOORWAYS FROM UNOCCUPIED AREAS TO A CORRIDOR BY TIGHT FITTING SMOKE AND DRAFT CONTROL ASSEMBLIES. DOORS AND FRAMES MUST BE APPROVED AND LABELED 20 MIN (3/4 HOUR AT WINDOW OPENINGS THAT ADHERE TO THE 25% AREA LIMITATION OF SEC 1004.3.4.3.2.2) FIRE ASSEMBLIES WITH TIGHT FITTING SMOKE AND DRAFT CONTROL AND SELF CLOSER OR AUTOMATIC CLOSER ACTIVATED BY SMOKE DETECTORS (SEC 1004.3.4.3.2)

11. FIRE HYDRANTS SHALL COMPLY WITH FIRE DEPARTMENT REQUIREMENTS FOR ON-SITE

FIRE HYDRANTS 12. PLANS FOR ALL FIXED FIRE EQUIPMENT SHALL BE SUBMITTED TO THE FIRE MARSHALL BY THE FIRE PROTECTION CONTRACTOR FOR APPROVAL PRIOR TO INSTALLATION. 13. THERE MUST BE A MINIMUM OF ONE 2A10BC CLASSIFICATION FIRE EXTINGUISHER WITHIN 75

FEET TRAVEL DISTANCE FOR EACH 6,000 SQUARE FEET OR PORTION THEREOF IN EACH AREA. (U.F.C. ARTICLE 10, DIVISION V, U.F.C. STANDARD 10-1. 14. BUILDING NUMBERS SHALL BE EASILY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD

FRONTING THE PROPERTY (U.F.C. SEC 901.4.4) 15. ALL INTERIOR FINISHES PROVIDED COMPLY WITH (CBC CHAPTER 8). 16. ALL DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME RETARDANT CONDITION.

(T19, SEC 3.08, 3.21, AND CFC 2501.5, CFC 1103.3.3.3.1 17. CAL - OSHA PERMIT: THE BUILDING PERMIT CANNOT BE ISSUED UNTIL A CONSTRUCTION ACTIVITY PERMIT HAS BEEN OBTAINED FROM THE CALIFORNIA DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (CAL-OSHA). FOR ADDITIONAL INFORMATION REFER TO THE CAL - OSHA WEBSITE AT HTTP://WWW.DIR.CA.GOV/DOSH.

18. "FIBER FLOOR FINISH MATERIALS SHALL BE CLASS I OR II PER NFPA 253 AND SHALL BE IDENTIFIED BY A HANGTAG OR OTHER SUITABLE METHOD IDENTIFYING THE MANUFACTURE, AND THE CLASSIFICATION, CARPET MATERIAL SHALL BE TESTED WITH THE UNDERLAYMENT."(SECTION 804)

19. "THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR AT LEAST 90 MINUTES.

20. "ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, SHALL AUTOMATICALLY UNLOCK THE ACCESS-CONTROLLED EGRESS DOORS, AND THE DOORS SHALL REMAIN UNLOCKED UNTIL THE FIRE ALARM SYSTEM HAS BEEN RESET. ACTIVATION OF THE BUILDING AUTOMATIC SPRINKLER OR FIRE DETECTION SYSTEM, SHALL AUTOMATICALLY UNLOCK THE DOORS. THE DOORS SHALL REMAIN UNLOCKED UNTIL THE FIRE ALARM SYSTEM HAS BEEN RESET." (SEC. 1008.1.4.4) 21. SEE STRUCT. DWGS. FOR STRUCTURAL DESIGN BASIS

CALGREEN NOTES

1. "A LETTER FROM THE CONTRACTOR AND OR THE BUILDING OWNER CERTIFYING WHAT MATERIAL HAS BEEN USED AND ITS COMPLIANCE WITH THE CODE MUST BE SUBMITTED TO THE BUILDING INSPECTOR."

2. "100% OF TREES, STUMPS, ROCKS AND ASSOCIATED VEGETATION AND SOILS RESULTING PRIMARILY FROM LAND CLEARING SHALL BE REUSED OR RECYCLED. A LETTER FROM THE CONTRACTOR WITH VERIFICATIONS NEEDS TO BE SUBMITTED TO THE INSPECTOR TO SHOW COMPLIANCE."

3. "PREVENT IRRIGATION SPRAY ON STRUCTURES."

4. "ADHESIVES, SEALANTS, CAULKS. ADHESIVES AND SEALANTS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS. (SECTION 5.504.4.1 OF CAL GREEN) ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS, AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE, OR SCAQMD RULE 1168 VOC LIMITS, AS SHOWN IN TABLES 5.504.4.1 AND 5.504.4.2 OF CALGREEN." (CGBSC 5.504.4.1)

MORE THAN ONE POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507."

6. "ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH TABLE 5.504.4.2

5. "AEROSOL ADHESIVES. AND SMALLER UNIT SIZES OF ADHESIVES. AND SEALANT OR

CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH

UNLESS MORE STRINGENT LOCAL LIMITS APPLY." (CGBSC 5.504.3) 7. "AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(3) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES (CCR, TITLE 17, SECTION 94520 ET SEQ)." (CGBSC

8. "PROVIDE A LETTER FROM THE CONTRACTOR AND OR THE BUILDING OWNER CERTIFYING WHAT PAINT HAS BEEN USED AND ITS COMPLIANCE WITH THE CODE MUST BE SUBMITTED TO THE BUILDING INSPECTOR."

9. "HARDWOOD PLYWOOD, PARTICLEBOARD, AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN TABLE 5.504.4." (CGBSC 5.504.4.5)"

10. DOCUMENTATION SHALL BE PROVIDED VERIFYING THAT RESILIENT FLOORING MATERIALS MEET THE POLLUTANT EMISSION LIMITS. 11. ALL CARPET INSTALLED IN THE BUILDING INTERIOR SHALL MEET AT LEAST ONE OF

THE FOLLOWING TESTING AND PRODUCT REQUIREMENTS WHICH ARE LISTED IN SECTION 5.504.4.4 OF CALGREEN. a) CARPET AND RUG INSTITUTES' GREEN LABEL PLUS PROGRAM.

b) COMPLIANT WITH THE VOC EMISSION LIMITS AND TESTING REQUIREMENTS

SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDARD METHOD

FRO TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM

INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS, VERSION 1.1, FEBRUARY 2010 (ALSO KNOWN AS CDPH STANDARD METHOD V1.1 OR SPECIFICATION c) NSF/ANSI 140 AT THE GOLD LEVEL OR HIGHER.

d) SCIENTIFIC CERTIFICATION SYSTEMS SUSTAINABLE CHOICE. e) COMPLIANCE WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CA-CHPS) CRITERIA INTERPRETATION FOR EQ2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT

12. "ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM. ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 804.4.1 A LETTER FROM THE INSTALLER CERTIFYING COMPLIANCE MUST BE SUBMITTED TO THE BUILDING INSPECTOR."

SCORE PROGRAM b) COMPLIANT WITH THE VOC-EMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S 2010 STANDARD METHOD FOR THE TESTING AND EVALUATION CHAMBERS, VERSION 1.1, FEBRUARY

a) CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOOR-

c) COMPLIANT WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CA-CHPS) CRITERIA INTERPRETATION FOR EQ 2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT

d) COMPLIANT WITH CDPH CRITERIA AS CERTIFIED UNDER THE GREENGUARD CHILDREN'S & SCHOOL PROGRAM.

APPLICABLE CODES

CALIFORNIA BUILDING CODE - 2019 CALIFORNIA MECHANICAL CODE - 2019 CALIFORNIA PLUMBING CODE - 2019 CALIFORNIA ELECTRICAL CODE - 2019 CALIFORNIA FIRE CODE - 2019 CALIFORNIA ENERGY CODE - 2019 CALIFORNIA EXISTING BUILDING CODE - 2019 NFPA 13 - 2016 NFPA 54 NATIONAL FUEL GAS CODE - 2015 NFPA 72 - 2016 NFPA 101 - 2015

FIRE DEPARTMENT NOTES

1. BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL CONFORM TO CFC CHAPTER 33. WELDING, CUTTING AND OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 35.

2. COMPLETE PLANS AND SPECIFICATIONS FOR THE FIRE ALARM, FIRE SPRINKLER, OTHER SPECIAL TYPES OF AUTOMATIC FIRE PROTECTION SYSTEMS AND APPURTENANCES THERETO, AND WET AND DRY STANDPIPES, SHALL BE SUBMITTED TO FIRE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION [CFC 901; 903.1.1; 905.2; 907.1.1].

3. COMPLETE PLANS AND SPECIFICATIONS FOR SPECIAL EGRESS CONTROL DEVICES SHALL BE SUBMITTED TO FIRE AND LIFE SAFETY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

4. NO LATCH OR LOCKING DEVICE EXCEPT PANIC HARDWARE PERMITTED. (CBC SEC 1008.1.10)

5. ALL EXIT DOORS SHALL BE OPENED FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE. ALL DOOR SWINGS SERVING AN OCCUPANT LOAD OF 50 OR GREATER SHALL SWING IN THE DIRECTION OF EXIT TRAVEL [CFC 1008.1.2].

6. PROVIDE ILLUMINATED EXIT SIGNS READILY VISIBLE FROM ANY DIRECTION

OF EGRESS TRAVEL [CBC 1011.1]. SHOW LOCATIONS ON PLANS. 7. ANY ROOM HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS WHERE FIXED SEATS ARE NOT INSTALLED, AND WHICH IS USED FOR ASSEMBLY. CLASSROOM, DINING, DRINKING, OR SIMILAR PURPOSES SHALL HAVE THE MAXIMUM CAPACITY OF THE ROOM POSTED ON AN APPROVED SIGN IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT FROM THE ROOM [CFC 1004.3].

8. AN APPROVED AUDIBLE SPRINKLER FLOW ALARM SHALL BE PROVIDED ON EXTERIOR OF THE BUILDING IN AN APPROVED LOCATION. AN APPROVED AUDIBLE SPRINKLER FLOW ALARM TO ALERT THE OCCUPANTS SHALL BE PROVIDED IN THE INTERIOR OF THE BUILDING IN A NORMALLY OCCUPIED LOCATION. (CBC 904.3.4)

9. AN APPROVED AUDIBLE SPRINKLER FLOW ALARM (BELL) SHALL BE PROVIDED ON THE EXTERIOR OF THE BUILDING IN AN APPROVED LOCATION [CFC 903.4.2]. 10. FIRE ALARM SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CFC

11. THE INSTALLATION OF AUTOMATIC FIRE SPRINKLER SYSTEMS SHALL COMPLY WITH CBC CHAPTER 9. 12. AT LEAST ONE FIRE EXTINGUISHER WITH A MINIMUM RATING OF 2A10BC

SHALL BE PROVIDED WITHIN 75' MAXIMUM TRAVEL DISTANCE FOR EACH 6,000 S.F. OR PORTION THEREOF ON EACH FLOOR (LIGHT HAZARD); 3,000 S.F. (MODERATE); OR 2,000 S.F. (HIGH HAZARD) [CFC 906.3].

13. A WET CHEMICAL TYPE PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 40K SHALL BE INSTALLED WITHIN 30 FEET OF COMMERCIAL FOOD HEAT-PROCESSING EQUIPMENT. (CFC 1006.2.7).

14. FIRE EXTINGUISHING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH CFC 903 AND 904, AND COMPLY WITH STANDARDS OF 903.3.

15. VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS AND WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY MONITORED WHERE THE NUMBER OF SPRINKLERS IS 20 OR MORE [CFC 903].

16. FIRE HYDRANTS SHALL COMPLY WITH THE FIRE AND LIFE SAFETY POLICY F-96-01 FOR ON-SITE FIRE HYDRANTS. 17. FIRE APPARATUS ACCESS ROADS AND WATER SUPPLIES FOR FIRE

PROTECTION SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING TIME OF CONSTRUCTION [CFC 1410, 1412]. 18. FIRE HYDRANT LOCATIONS SHALL BE IDENTIFIED WITH THE INSTALLATION OF REFLECTIVE MARKERS

20. DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME- RETARDANT CONDITION [CFC CHAPTER 8] (T-19, SEC 3.08, 3.21 2501.5 CFC 1103.3.3.1). 21. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH CFC 906 AND CALIFORNIA CODE OF REGULATIONS

NOT USED

(CCR), TITLE 19.

22. DURING CONSTRUCTION, AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH STAIRWAY, IN ALL STORAGE AND CONSTRUCTION SHEDS, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, AND WHERE OTHER SPECIAL HAZARDS ARE PRESENT PER CFC SECTION 3315.1.

23. WALL, FLOOR AND CEILING FINISHES AND MATERIALS SHALL NOT EXCEED THE INTERIOR FINISH CLASSIFICATIONS IN CBC TABLE 803.3 AND SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 19, DIVISION 1. DECORATIVE MATERIALS SHALL BE PROPERLY TREATED BY A PRODUCT OR PROCESS APPROVED BY THE STATE FIRE MARSHAL WITH APPROPRIATE DOCUMENTATION PROVIDED TO THE CITY SAN DIEGO.

24. DUMPSTERS AND TRASH CONTAINERS EXCEEDING 1.5 CUBIC YARDS SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS PROTECTED BY AN APPROVED SPRINKLER SYSTEM OR LOCATED IN A TYPE I OR IIA STRUCTURE SEPARATED BY 10 FEET FROM OTHER STRUCTURES. CONTAINERS LARGER THAN 1 CUBIC YARD SHALL BE ON NON-OR LIMITED-COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED. (CFC 304.3).

25. EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS OR OTHER DECORATIVE MATERIAL.

26. OPEN FLAMES, FIRE AND BURNING ON ALL PREMISES IS PROHIBITED

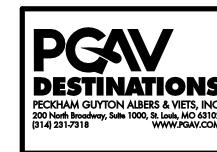
27. THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL

EXCEPT AS SPECIFICALLY PERMITTED BY THE CITY OF SAN DIEGO AND CFC

OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS

28. COMPLETE PLANS AND SPECIFICATIONS FOR FIRE ALARM SYSTEMS SHALL BE SUBMITTED TO THE CITY OF SAN DIEGO DEVELOPMENT SERVICES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. (CFC 907.1) 29. HIGH PILED COMBUSTIBLE STORAGE SHALL BE IN ACCORDANCE WITH CFC

Keynote List



R PLANS, SPECIFICATIONS, ESTIMATES, REPOR THER DOCUMENTS OR INSTRUMENTS RELATING ITENDED TO BE USED FOR ANY PART OF PARTS DOCUMENTIAL OR ENGINEERING PROJECT

Accessibility for Persons with Disabilities: This drawing contains layouts and elements critical to providing Access for Disabled Persons. Contractor shall provide verification and certification of Compliance with the

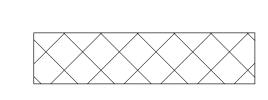
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applicable accessibility regulations.

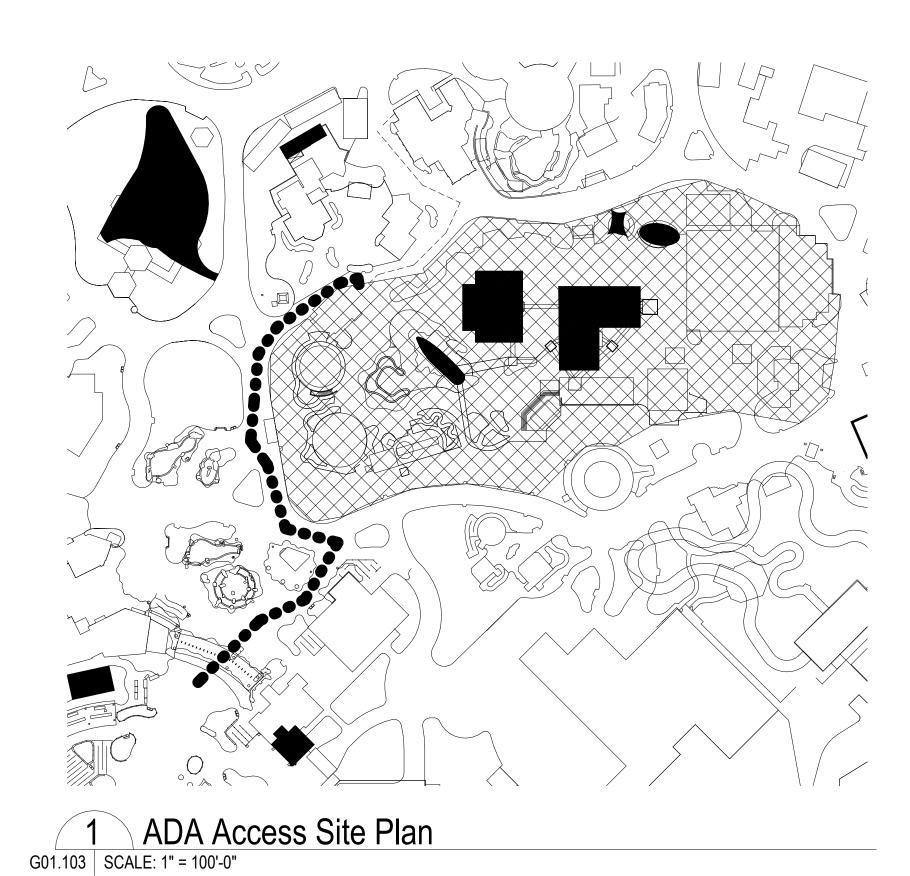
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<u>LEGEND</u>





PROJECT SITE



Issue for Bid/Issue for ADA & CODE COMPLIANCE

DESCRIPTION DA

SeaWorld

SWSD Rescue

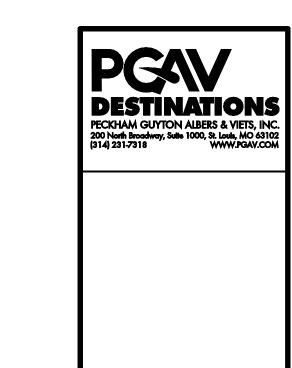
Junior

San Diego, CA

Package 1

FEBRUARY 01, 2023 BCD 64117-00

G01.103

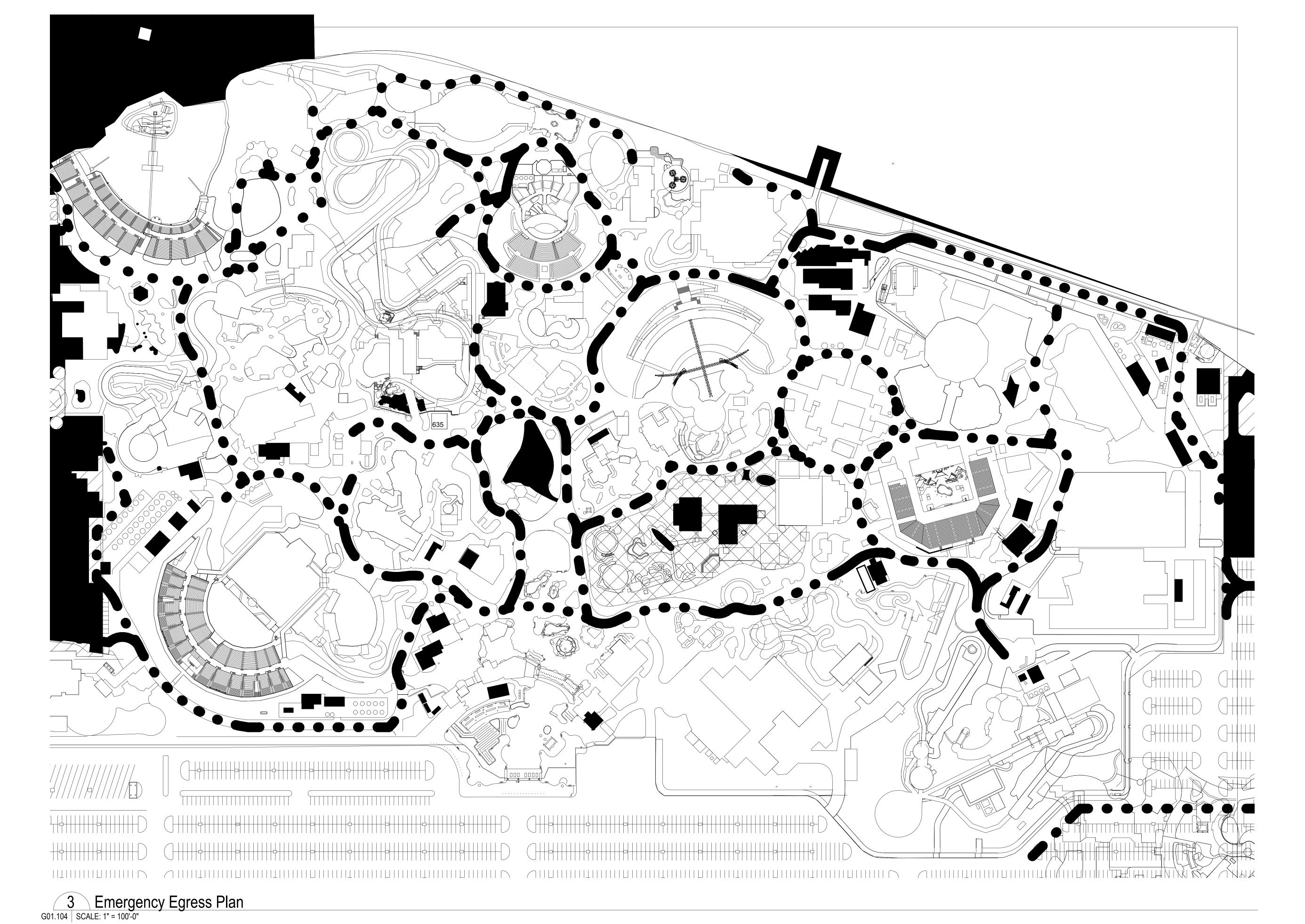


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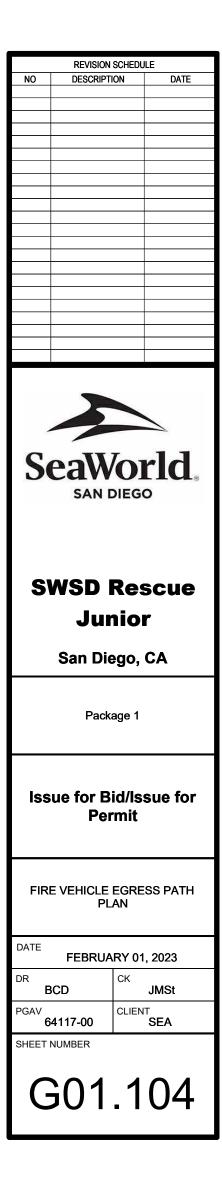


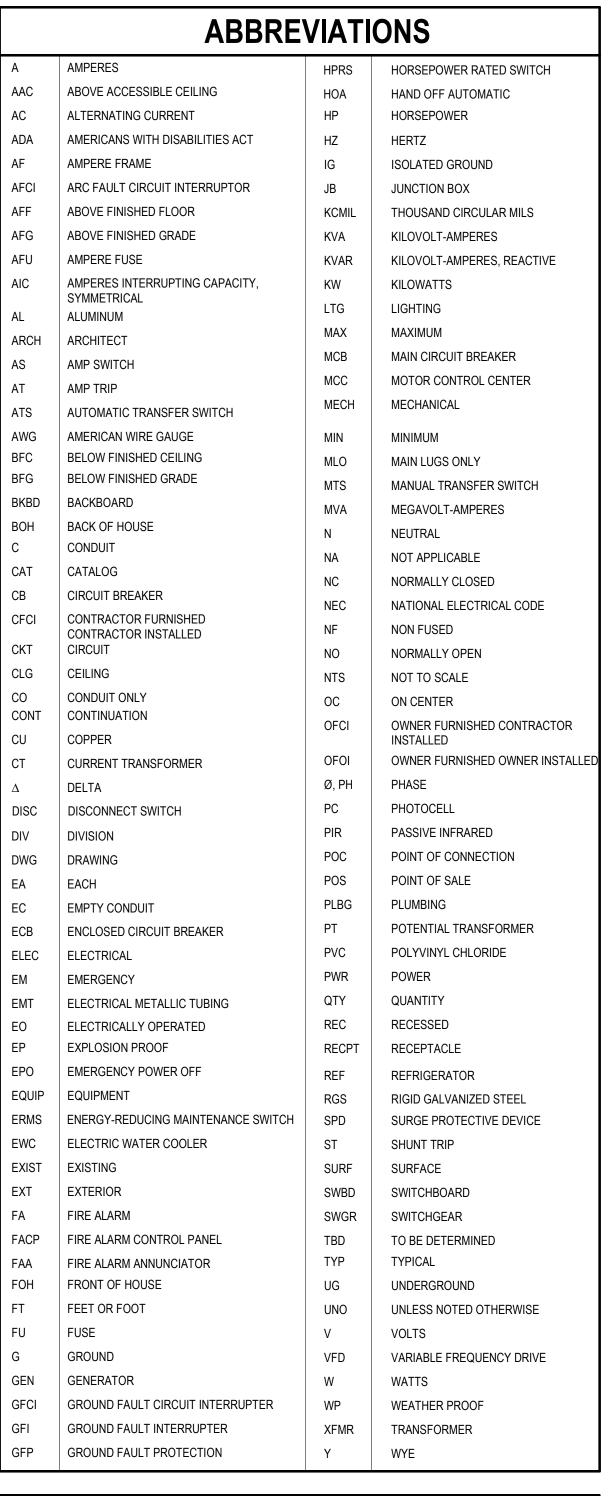
FIRE TRUCK ACCESS PATH

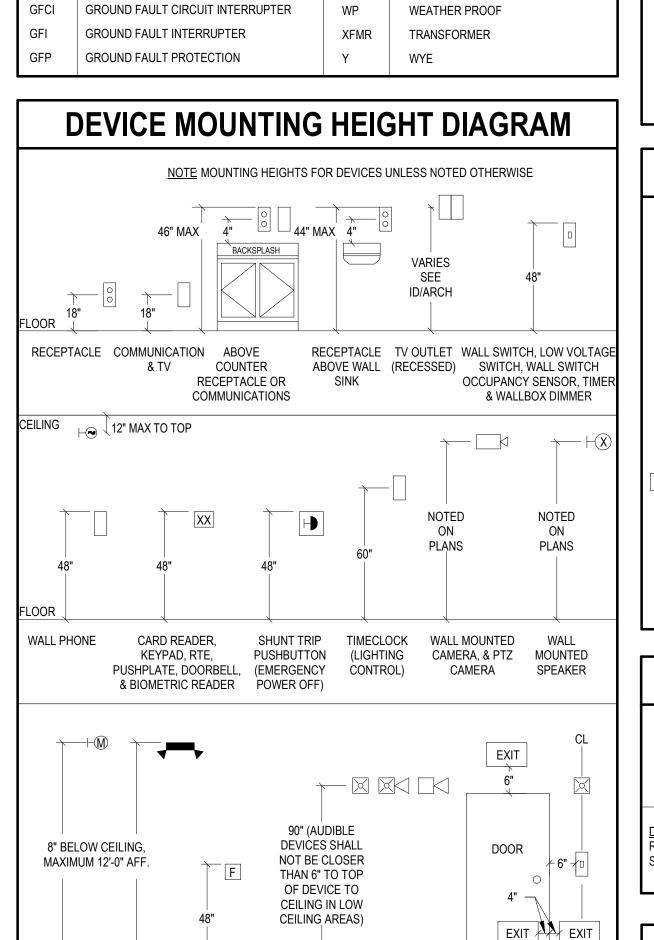
AERIAL W/ LADDER
50'-0" LENGTH, DUAL AXLES
96'-0" TURNING CUL-DE-SAC
30'-0" INSIDE TURNING RADIUS
20'-0"ACCESS WIDTH

SMALL PUMPER ACCESS PATH
30'-0" LENGTH, SINGLE AXLE
65'-0" TURNING RADIUS
30'-0" INSIDE TURNING RADIUS
15'-0"ACCESS WIDTH

AMBULANCE ACCESS PATH
24'-0" LENGTH

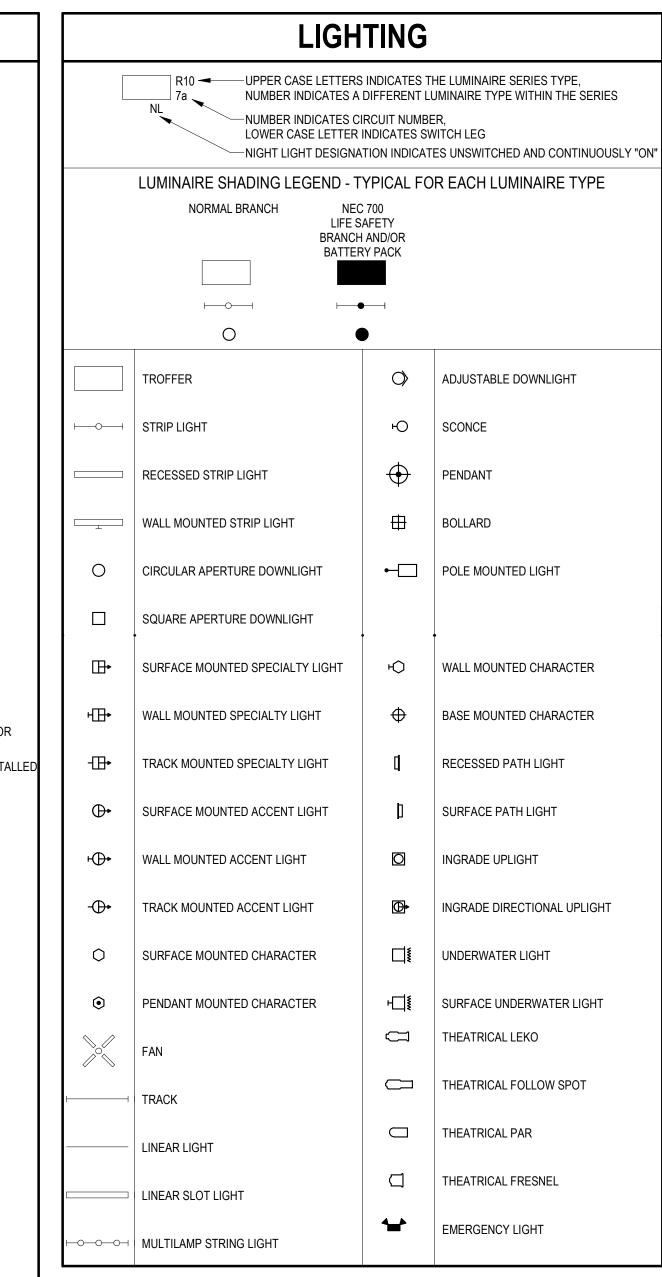






WALL WALL MOUNTED MOUNTED EMERGENCY OCCUPANCY LIGHT SENSOR	FIRE ALARM PULL STATION	FIRE ALARM WALL VISUAL, AUDIO & AUDIO/VISUAL NOTIFICATION
	LIN	NE TYPES
U-OH	UTILITY OVER	HEAD ELECTRICAL DISTRIBUTION
U-E	UTILITY UNDEF	RGROUND ELECTRICAL DISTRIBUTION
Е	600 VOLT UNDI	ERGROUND ELECTRICAL DISTRIBUTION
XE	EXISTING 600 \	VOLT UNDERGROUND ELECTRICAL DISTRIBUTION
MV	MEDIUM VOLTA	AGE UNDERGROUND ELECTRICAL DISTRIBUTION
XMV	EXISTING MED	DIUM VOLTAGE UNDERGROUND ELECTRICAL DISTRIBUTION

10"-12" 10"-12"



		EXIT S	SIGNS	3
	⊗ ↑	CEILING MOUNTED SINGLE FACE EXIT SIGN - ARROWS INDICATE DIRECTION	(⊗)	CEILING MOUNTED DOUBLE FACE EXIT SIGN - ARROWS INDICATE DIRECTION
	X X	WALL MOUNTED SINGLE FACE EXIT SIGN ARROWS INDICATE DIRECTION SUBSCRIPT 'L' INDICATES LOW LEVEL EXIT SIGN		WALL MOUNTED DOUBLE FACE EXIT SIGN - ARROWS INDICATE DIRECTION
	$\overline{\bigotimes}$	WALL END-MOUNTED SINGLE FACE EXIT SIGN ARROWS INDICATE DIRECTION		

SWITCHES / CONTROLS

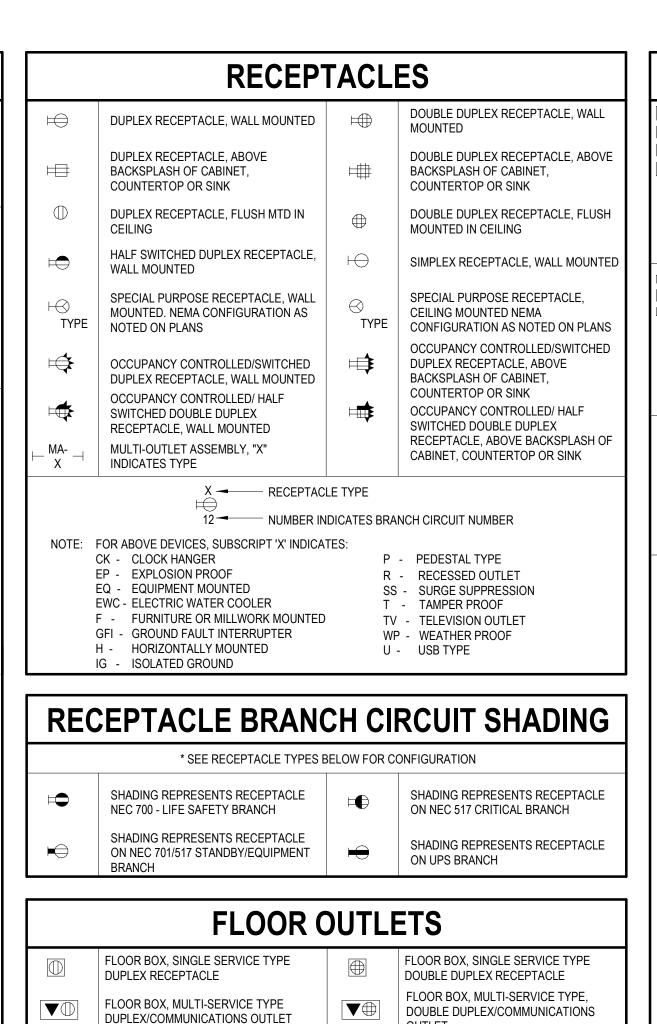
OCCUPANCY AND VACANCY SENSORS

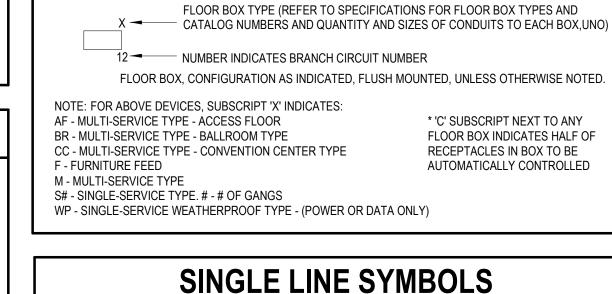
WALL MOUNTED SWITCH

'ab' INDICATES INDIVIDUAL GANGED

LCP L X TC X	SWITCHES AND ASSOCIATED SWITCH LEGS CONTROLLED, SUBSCRIPT 'X' INDICATES: 2 - DOUBLE POLE 3 - THREE WAY 4 - FOUR WAY D - WALL BOX DIMMER EP - EXPLOSION PROOF F- FAN SWITCH H - HORSEPOWER RATED K - KEY OPERATED LV - LOW VOLTAGE TYPE P - PILOT LIGHT T - WALL BOX TIMER W - WIRELESS WP - WEATHER PROOF LIGHTING CONTROL PANEL CONTROL STATION SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER LIGHTING CONTROL WALL STATION, SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER TIME CLOCK, SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER	M X ab X → Mab X ab X ab	OCCUPANCY/VACANCY SENSOR, CEILING MOUNTED OCCUPANCY/VACANCY SENSOR, WALL MOUNTED (REFER TO MOUNTING HEIGHT LEGEND) OCCUPANCY/VACANCY SENSOR, WALL SWITCH TYPE NOTE: 'ab' INDICATES SWITCH LEGS CONTROLLED, SUBSCRIPT 'X' INDICATES: VS - VACANCY SENSOR TYPE OS - OCCUPANCY SENSOR TYPE LV - LOW VOLTAGE SWITCH W - WIRELESS CONTACTOR, SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER PHOTOCELL AUTOMATIC LOAD CONTROL RELAY (EMERGENCY LIGHTING)
DS X	DAYLIGHT SENSOR, CEILING MOUNTED	BCELTS E D C	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH (EMERGENCY LIGHTING)
HXX			XX
M XX	MANHOLE MANHOLE		BOX NUMBER SIZE DESIGNATION/TYPE BOX TYPE
DEVICE NO			HH-HANDHOLE MH-MAHHOLE PB-PULLBOX UTILITY TYPE
SPECIFICA	DETAILS FOR EXACT BOX TYPE, SIZE AND ATIONS.	<u>EXAMPL</u>	C-COMMUNICATION P-POWER <u>E: CMH-1-01</u>

	POWER CONNECTIONS				
$\vdash \bigcirc$	JUNCTION BOX, WALL MOUNTED	(J)	JUNCTION BOX, CEILING MOUNTED		
⊢Œ _X	SPECIAL EQUIPMENT CONNECTION, WALL MOUNTED. SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE.	© _X	SPECIAL EQUIPMENT CONNECTION, CEILING MOUNTED. SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE		
-	DISCONNECT SWITCH, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR DISCONNECT TYPE, UNO	4	COMBINATION MOTOR STARTER DISCONNECT, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR DISCONNECT TYPE, UNO		
∕ ∕ ∕x	MOTOR, SUBSCRIPT 'X' DENOTES MOTOR DESIGNATION, REFER TO EQUIPMENT CONNECTION SCHEDULE	₩	VARIABLE FREQUENCY DRIVE		
	POWER POLE	H	SHUNT TRIP PUSH BUTTON B - BUILDING SHUNT TRIP OR - LIGHTING OVERRIDE		





CKT BREAKER, '###' INDICATES

TRIP SETTING, '#' INDICATES

NUMBER OF POLES

POKE THRU, SINGLE SERVICE TYPE

POKE THRU, MULTI-SERVICE TYPE

POKE THRU, MULTI-SERVICE TYPE

JBOX (POWER)/COMMUNICATIONS

POKE THRU, SINGLE-SERVICE TYPE

POWER/COMMUNICATIONS OUTLET

DUPLEX RECEPTACLE

JBOX (POWER) - UNO

OUTLET

M

UTILITY METER

OUTLET

FLOOR BOX, SINGLE-SERVICE TYPE

FLOOR BOX, MULTI-SERVICE TYPE

JBOX (POWER)/COMMUNICATIONS

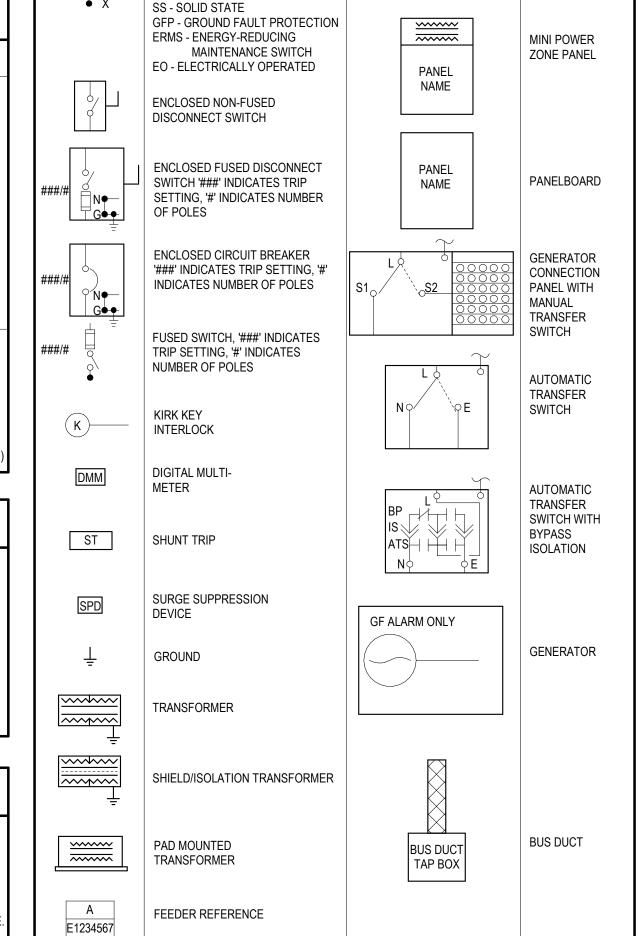
POKE THRU, SINGLE SERVICE TYPE

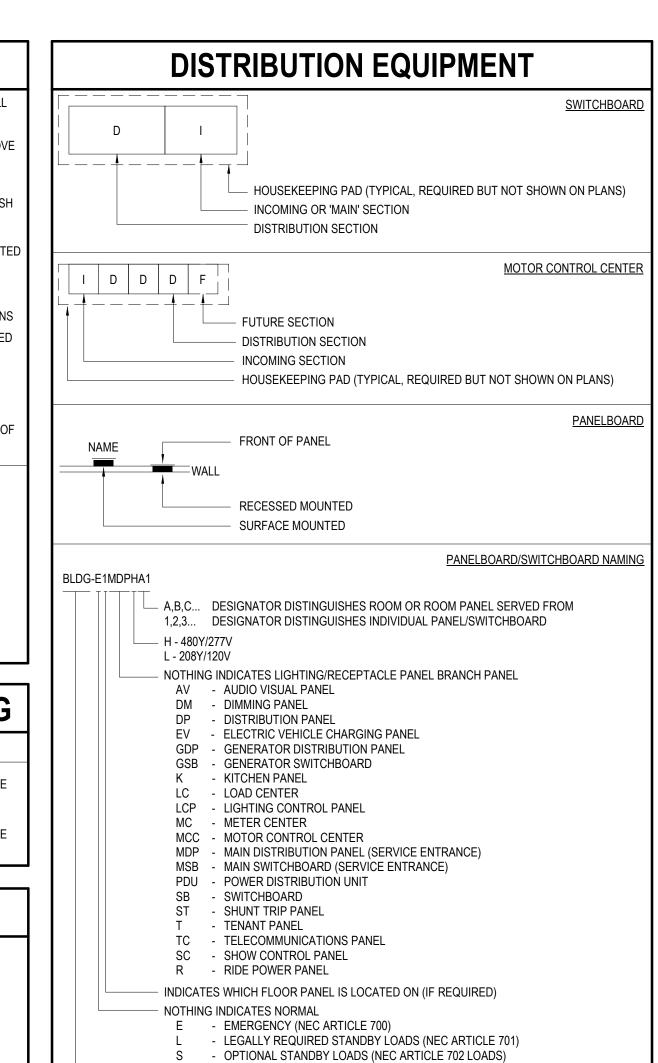
POKE THRU, MULTI-SERVICE TYPE,

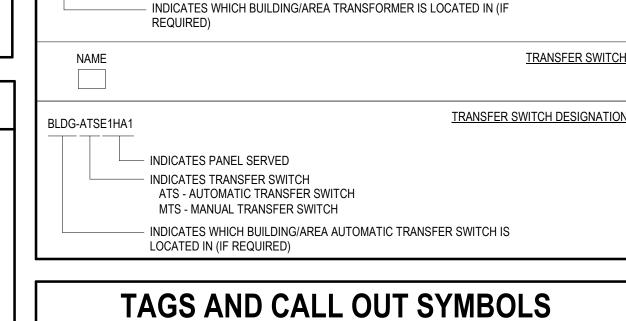
DOUBLE DUPLEX/COMMUNICATIONS

DOUBLE DUPLEX RECEPTACLE

JBOX (POWER) - UNO







LIFE SAFETY LOADS (HEALTHCARE NEC ARTICLE 517)

- EQUIPMENT LOADS (HEALTHCARE NEC ARTICLE 517)

HOUSEKEEPING PAD (TYPICAL, REQUIRED BUT NOT SHOWN ON PLANS)

TRANSFORMER

TRANSFORMER DESIGNATION

POINT OF CONNECTION

POINT OF DEMARCATION

REVISION CALLOUT

- CRITICAL LOADS (HEALTHCARE NEC ARTICLE 517)

—INDICATES WHICH BUILDING/AREA PANEL IS LOCATED IN (IF REQUIRED)

FLOOR MOUNTED TRANSFORMER, NUMBER INDICATES KVA RATING

N - NORMAL LOADS (HEALTHCARE)

INDICATES TRANSFORMER IS SUSPENDED

INDICATES PANEL SERVED

SECTION CALLOUT

SECTION DESIGNATION

DETAIL CALLOUT

DETAIL DESIGNATION

\xxxx / ↑ SHEET NUMBER

- INDICATES TRANSFORMER

BLDG-TE1DPHA1

XXXX	— DETAIL DESIGNATION — SHEET NUMBER	X	KEYNOTE CALLOUT
	DEMO	LITION	N
< R >	EXISTING TO BE REMOVED	< X >	EXISTING TO REMAIN
< RL >	EXISTING TO BE RELOCATED	< NL >	EXISTING - NEW LOCATION
/////	DEMOLITION CONDUIT	·*////////////////////////////////////	DEMOLITION EQUIPMENT

С	IRCUITING
BLDG-E1MDPHA-1 CIRCUIT NUMBER PANEL DESIGNATION	3#12,#12G,3/4"C CONDUIT SIZE GROUND CONDUCTOR QUANTITY AND SIZE CIRCUIT CONDUCTOR QUANTITY AND SIZE

	LIGHTNING P	ROTE	CTION
*X	AIR TERMINAL, "#" INDICATES TERMINAL LENGTH IF GREATER THAN 18", SUBSCRIPT 'X' INDICATES: A-FLATE SURFACE BASE B-FLAT WALL MOUNTED PARAPET BASE C-SWIVEL BASE D-RIDGE SADDLE BASE(EXPOSED) E-RIDGE SADDLE BASE (CONCEALED) F-CONCEALED AIR TERMINAL BASE ASSEMBLY G-EASE AIR TERMINAL	— M — G — B — — B — — i — • ○	MAIN CONDUCTOR CABLE COUNTERPOISE CONDUCTOR CABLE BONDING CONDUCTOR CABLE TEE CONNECTOR GROUND ROD BONDING CONNECTION DOWN CONDUCTOR UP CONDUCTOR

		GROUN	DING	
- -	GROUND ROD		+	GROUND BUS BAR

GENERAL NOTES

1. NOT ALL SYMBOLS ON ELECTRICAL SYMBOLS SHEET ARE USED.

2. ALL MOUNTING HEIGHTS ARE TO THE CENTERLINE OF THE DEVICE BACKBOX UNLESS NOTED OTHERWISE. 3. ALL ELECTRICAL SYSTEMS INSTALLATIONS SHALL COMPLY WITH NFPA 70 (NATIONAL ELECTRICAL CODE)

AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES. 4. DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR MAKING EVERY ATTEMPT TO CONCEAL RACEWAY SYSTEMS WITHIN WALLS OR ABOVE CEILINGS. WHERE RACEWAY SYSTEMS MUST BE INSTALLED WITHIN FRONT OF HOUSE EXPOSED AREAS, CONTRACTOR SHALL INSTALL SYSTEM COMPONENT PER CODE WITH CAREFUL CONSIDERATION FOR THEMING AND EXTREME SENSITIVITY FOR VISIBILITY OF SYSTEM

COMPONENTS. CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO STRUCTURE AS BEST

FITS ROUTING REQUIREMENTS AND SHALL BE INSTALLED IN A NEAT AND PROFESSIONAL MANNER. REFER

TO ARCHITECT'S PAINT SPECIFICATION SECTION AND ARCHITECTURAL FINISH SCHEDULES TO DETERMINE

PAINT COLOR OF ALL EXPOSED FRONT OF HOUSE RACEWAY SYSTEMS. 5. DIVISION 26 CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO AND DURING

6. DIVISION 26 CONTRACTOR SHALL ENSURE THAT ALL CONDUIT ROUTED THROUGH OR NEAR CASEWORK SHALL NOT INTERFERE IN ANY WAY WITH THE INTENDED USE OF OR SERVICING OF EQUIPMENT OR

7. DIVISION 26 CONTRACTOR SHALL NOT CUT, DRILL, OR IN ANY OTHER MANNER ALTER ANY STRUCTURAL MEMBER WITHOUT PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

8. DIVISION 26 CONTRACTOR SHALL, AFTER EXAMINATION OF ALL PLANS AND SPECIFICATIONS, INCLUDE ALL COSTS NECESSARY FOR ALTERATION OF, MODIFICATION OF, OR ADDITIONS TO THE ELECTRICAL SYSTEMS NECESSARY FOR A COMPLETE AND APPROVED INSTALLATION IN ALL ASPECTS. IT IS THE INTENT THAT ALL COSTS REQUIRED BE INCLUDED IN THE BID OF THIS TRADE. DIVISION 26 CONTRACTOR SHALL BASE THEIR PROPOSAL AND BID UPON THE EQUIPMENT AS SCHEDULED OR SPECIFIED. USING THE MANUFACTURERS AND MODEL NUMBERS AS CALLED FOR IN THE SPECIFICATIONS AND SCHEDULED ON THE DRAWINGS. IF MORE THAN ONE MANUFACTURER OF EQUIPMENT IS SPECIFIED, ANY ONE OF THE MANUFACTURERS OF EQUIPMENT MAY BE USED IN THIS CONTRACTOR'S PROPOSAL.

9. DIVISION 26 CONTRACTOR TO NOTIFY ELECTRICAL ENGINEER, IN WRITING, OF ANY DISCREPANCIES FOUND BETWEEN THE ELECTRICAL PLANS AND OTHER ENGINEERING PLANS, ARCHITECTURAL PLANS, OR EXISTING FIELD CONDITIONS PRIOR TO FINAL BID PRICE OR PERMITTING.

10. IN CASE OF DISPUTE OR DOUBT AS TO INTENT OF DRAWINGS OR SPECIFICATIONS. DIVISION 26 CONTRACTOR SHALL CONTACT ELECTRICAL ENGINEER AND OBTAIN WRITTEN CLARIFICATION PRIOR TO

PROCEEDING WITH AND BID OR CONSTRUCTION SCOPE INVOLVED. 11. DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR ORDERING ALL MATERIALS IN SUFFICIENT TIME TO AVOID DELAYING THE COMPLETION OF THE PROJECT. DELAY IN DELIVERIES SHALL NOT BE CONSIDERED A

JUSTIFIABLE REASON FOR SUBMISSION OF SUBSTITUTE MATERIALS.

12. ALL ELECTRICAL DEVICES AND COVER PLATES SHALL BE PROVIDED PER THE COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER. THE GC SHALL BE RESPONSIBLE FOR ENSURING THAT THE TELECOMMUNICATION DEVICE COVER PLATES MATCH THE ELECTRICAL COVER PLATES WITHIN THE SAME

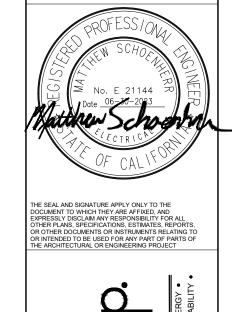
13. DIVISION 26 CONTRACTOR SHALL ASSIST LIGHTING DESIGNER/ARCHITECT/INTERIOR DESIGNER WITH THE PROCESS OF AIMING AND FOCUSING ALL LUMINAIRES. THIS PROCESS MAY INCLUDE WORKING OFF OF LIFTS AND WORKING DURING NIGHTTIME HOURS.

LUMINAIRES. REFER TO CIRCUITING LEGEND FOR INFORMATION REGARDING FRONT-OF-HOUSE LUMINAIRE CIRCUITING FOR LUMINAIRES ON EMERGENCY POWER. 15. CONTRACTOR SHALL BE RESPONSIBLE FOR FIRESTOPPING ALL PENETRATIONS THROUGH FIRE-

14. FRONT-OF-HOUSE EMERGENCY LIGHTING MAY NOT BE SHADED TO DESIGNATE EMERGENCY

RESISTANCE-RATED WALL & HORIZONTAL ASSEMBLIES AND WEATHERPROOFING ALL PENETRATIONS THROUGH EXTERIOR WALLS OR ROOFS. FIRESTOP SYSTEMS SHALL BE APPROVED AND UL-LISTED. MEETING THE F RATING & T RATING REQUIREMENTS IN CHAPTER 7 OF THE BUILDING CODE. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR APPLICABLE FIRESTOP SYSTEMS.

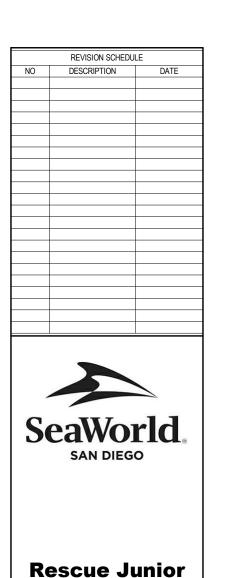
200 North Broadway, Suite 1000, St. Louis, MO 63102 (314) 231-7318 WWW PGAY COM



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LEGEND AND ABBREVIATIONS

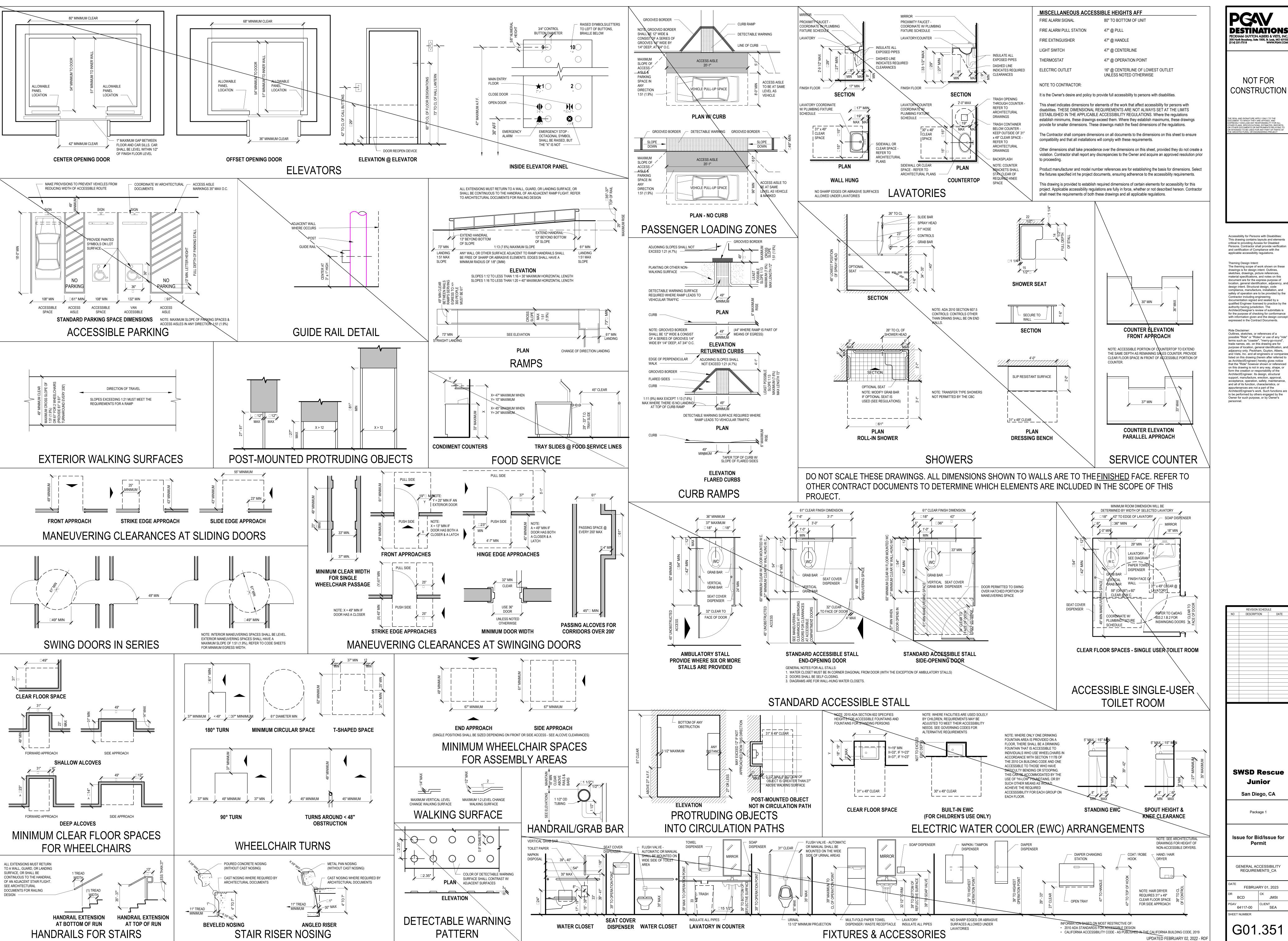
San Diego, CA

Package 1

Issue for Bid/Issue for

Permit

YWH 64117-00 SHEET NUMBER



DESTINATIONS PECKHAM GUYTON ALBERS & VIETS, INC. 200 North Broadway, Suite 1000, St. Louis, MO 63102 (314) 231-7318 WWW.PGAY.COM

NOT FOR CONSTRUCTION

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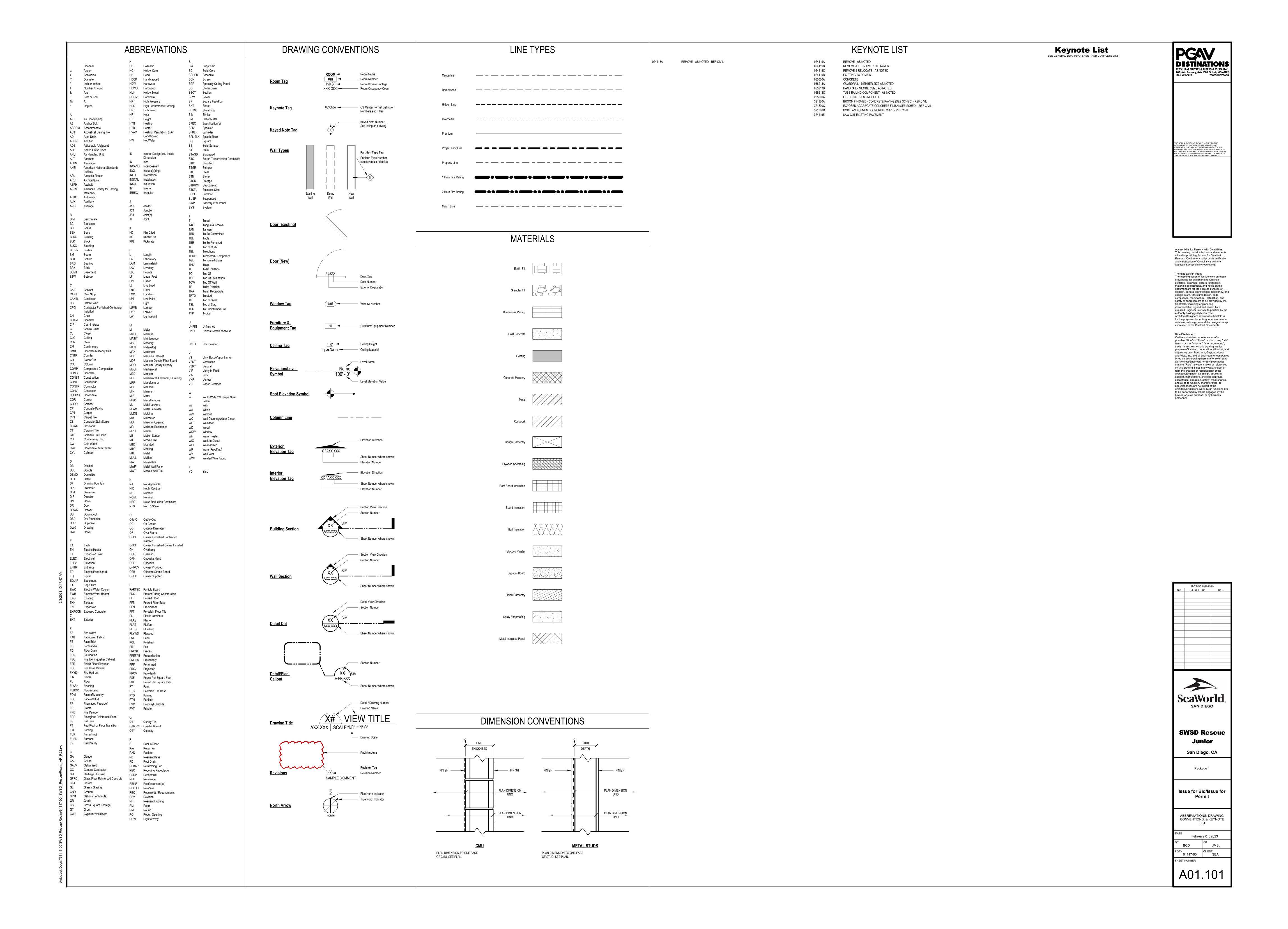
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Junior

Package 1

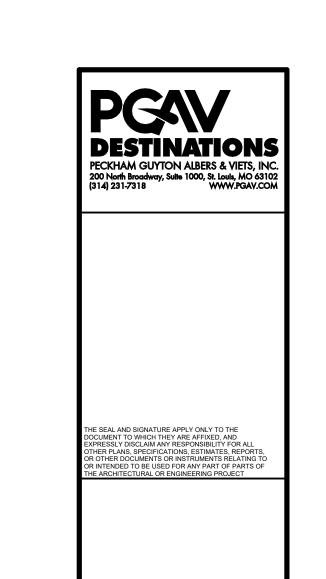
Permit

CLIENT SEA



Keynote List
SEE GENERAL DWG INFO. SHEET FOR COMPLETE LIST

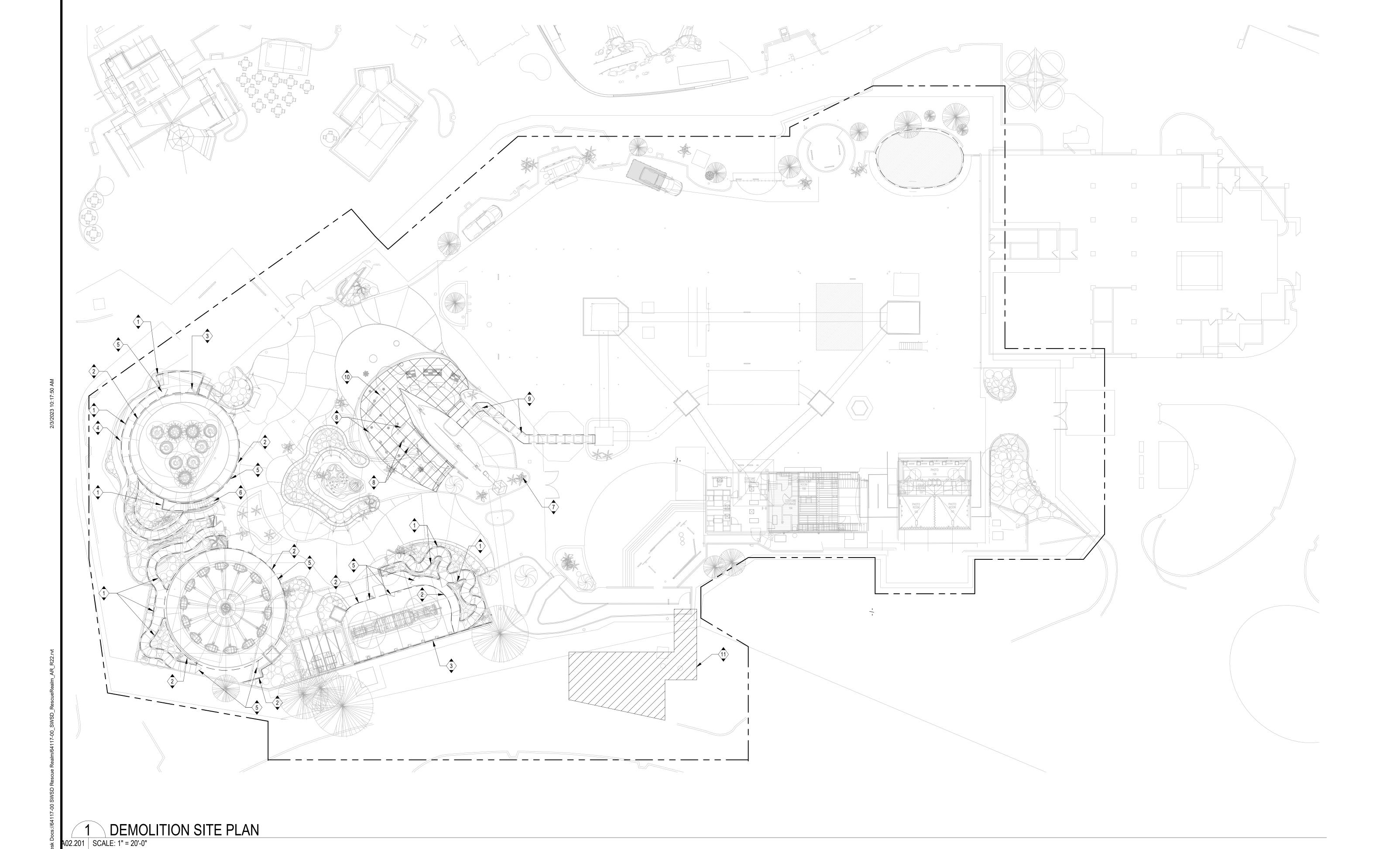
/ Value Keynote Text



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KEY:

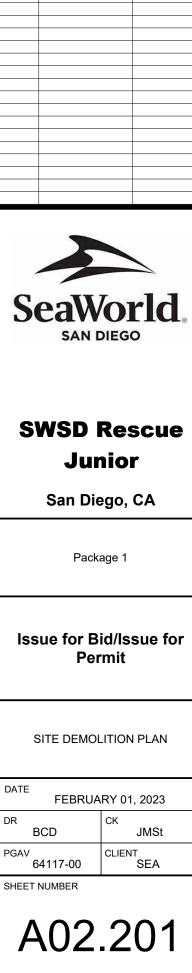
PROJECT LIMIT LINE
DEMOLITION
SURFACE DEMOLITION
NEW CONSTRUCTION - RAMP

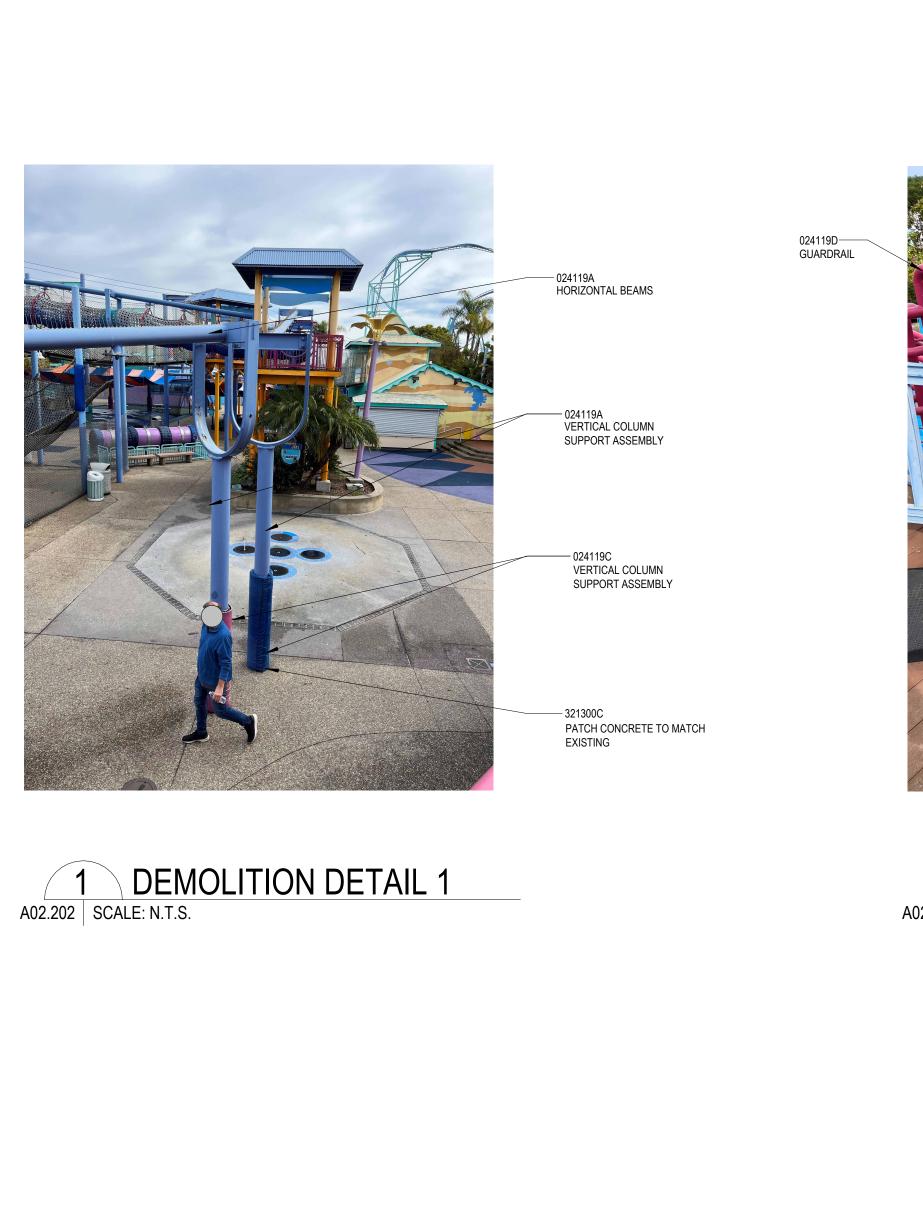
KEYED NOTES - FLOOR PLAN

NOTE NUMBER	NOTE TEXT
HOMBER	10.2.2.
1	024119A, QUEUE RAILING
2	024119A, RIDE RESTRICTED RAILING
3	024119A, GUARDRAIL
4	024119A, CONCRETE FOOTING
5	024119C, RIDE RESTRICTED GATE ASSEMBLY AND MAG-LOCK GATE HARDWARE. COORDINATE WITH EXISTING RIDE
	CONTROL SYSTEM.
6	024119A, ACCESS GATE ASSEMBLY AND HARDWARE
7	024119C, LIGHT POLE
8	024119B, WATER PLAY; REFER TO BMP DESIGN INTENT PACKAGE FOR CLARITY. REFER TO PLUMBING DRAWINGS FOR
	ADDITIONAL INFORMATION REGARDING CAPPING AND REROUTING PIPING
9	024119A, ABANDONED PLAY STRUCTURE SUPPORTS
10	024119A, SPLASH PAD SAFETY SURFACE. 024113E, EXISTING CONCRETE AS REQUIRED FOR NEW PLUMBING ROUTING
11	024119A, EXISTING LANDSCAPE AREA AS REQUIRED FOR NEW RAMP ASSEMBLY. SAW CUT CURBIING AND PAVEMENT.
	REQUIRED. CONTRACTOR TO COORDINATE WITH OWNER REGARDING LANDSCAPE AND IRRIGATION DEMOLITION
	EXTENTS

GENERAL NOTES

REFER TO BMP DESIGN INTENT PACKAGE FOR ADDITIONAL DEMOLITION SCOPE
 ALL EXISTING LANDSCAPE TO REMAIN, U.N.O. CONTRACTOR TO PROTECT EXISTING PLANTS AND IRRIGATION SYSTEMS. COORDINATE WITH OWNER WHEN EXISTING PLANTS AND/OR IRRIGATION SYSTEMS WILL BE DISTURBED DUE TO DEMOLITION/CONSTRUCTION.
 CONTRACTOR TO PATCH ALL CONCRETE PATHWAYS AND CURBING AS REQUIRED IF DAMAGED DURING DEMOLITION OF RAILING SYSTEMS. NEW RAILINGS TO USE EXISITING CONCRETE CORES WHENEVER POSSIBLE.
 REFER TO SHEET A02.202 FOR ADDITIONAL DEMOLITION SCOPE AND DETAILS.
 REFER TO STRUCTURAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE
 CONTRACTOR TO COORDINATE LOCATION OF 015000A, CONSTRUCTION FENCE AND GATES WITH OWNER.
 ELEVATIONS SHOWN ARE BASED ON A SURVEY OF EXISTING CONDITIONS.







2 DEMOLITION DETAIL 2

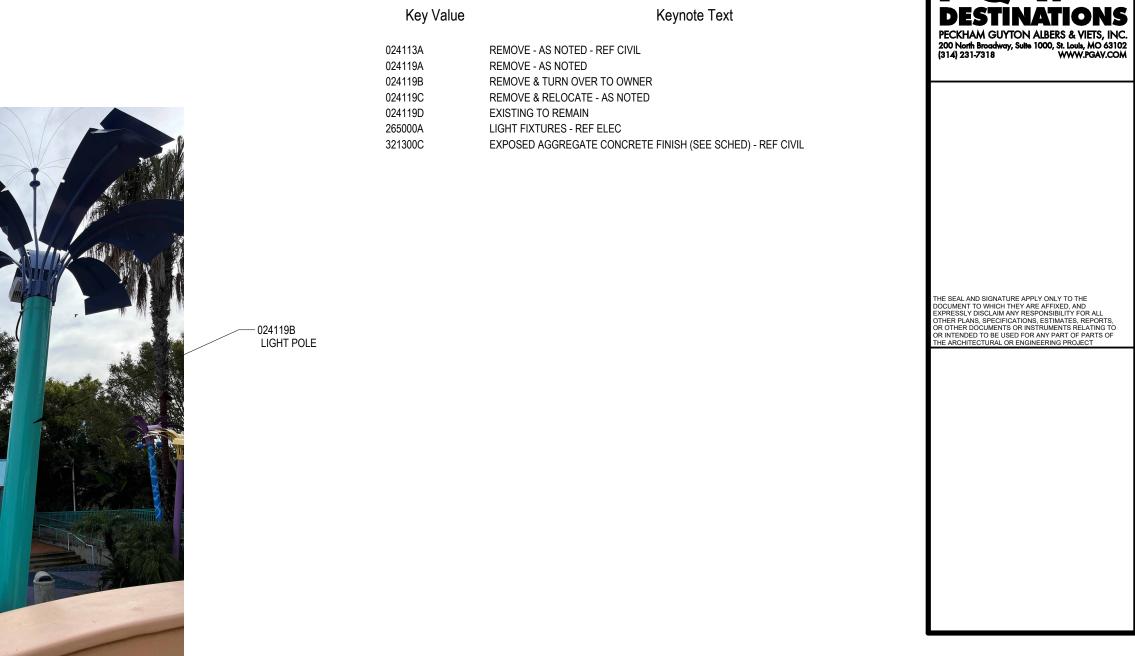
A02.202 | SCALE: 1/4" = 1'-0"



3 DEMOLITION DETAIL 3 A02.202 SCALE: 1/4" = 1'-0"



4 DEMOLITION DETAIL 4 A02.202 | SCALE: 1/4" = 1'-0"



Keynote List
SEE GENERAL DWG INFO. SHEET FOR COMPLETE LIST

Keynote Text

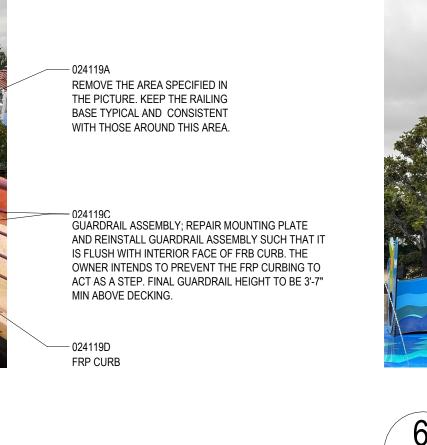
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Owner for such purpose, or by Owner's



A02.202 | SCALE: 1/4" = 1'-0"





REMOVE ALL SESAME THEMING OFF THE FRONT OF THE BOAT, INCLUDING THE

EYES, HORNS, AND ORANGE FINS, AS SEEN IN PHOTO TO THE LEFT.

6 DEMOLITION DETAIL 6 A02.202 | SCALE: 1/4" = 1'-0"



GENERAL NOTES

- 1. REFER TO BMP DESIGN INTENT PACKAGE FOR ADDITIONAL DEMOLITION 2. ALL EXISTING LANDSCAPE TO REMAIN, U.N.O. CONTRACTOR TO PROTECT EXISTING PLANTS AND IRRIGATION SYSTEMS. COORDINATE WITH OWNER WHEN EXISTING PLANTS AND/OR IRRIGATION SYSTEMS WILL BE DISTURBED DUE TO DEMOLITION/CONSTRUCTION. 3. CONTRACTOR TO PATCH ALL CONCRETE PATHWAYS AND CURBING AS REQUIRED IF DAMAGED DURING DEMOLITION OF RAILING SYSTEMS. NEW RAILINGS TO USE EXISITING CONCRETE CORES WHENEVER POSSIBLE. 4. REFER TO SHEET A02.201 FOR ADDITIONAL DEMOLITION SCOPE AND
- 5. COORDINATE WITH OWNER FOR ALL FRP PATCHING AND REPAIR ASSOCIATED WITH THE EXISTING SHIP HULL ASSEMBLY. THIS INCLUDES GUEST FACING (EXTERIOR) AS WELL AS BOH AREAS (INTERIOR) AND REPAIR AREAS. CONTRACTOR TO PROVIDE ANY NECESSARY BLOCKING AS REQUIRED. 7. THE OWNER INTENDS FOR THE UPPER DECK LEVEL TO BE ACCESSIBLE TO GUESTS. CONTRACTOR TO ENSURE ALL EXISTING GUARDRAILS MEET MINIMUM STANDARDS FOR GUARDRAIL (3'-7") AND THAT ALL PORTIONS OF THE ENTIRE SECTIONS OF EXISITING GUARDRAIL MAY REQUIRE
- REPLACEMENT. 8. REFER TO STRUCTURAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE

 9. CONTRACTOR TO COORDINATE LOCATION OF 015000A, CONSTRUCTION FENCE AND GATES WITH OWNER.

024119B FABRIC SAILS
— 024119A REMOVE WALLS AND DOOR
024119D EXISTING TO REMAIN

8 DEMOLITION DETAIL 8 A02.202 | SCALE: 1/4" = 1'-0"



9 DEMOLITION DETAIL 9
A02.202 | SCALE: 1/4" = 1'-0"



10 DEMOLITION DETAIL 10
A02.202 SCALE: 1/4" = 1'-0"

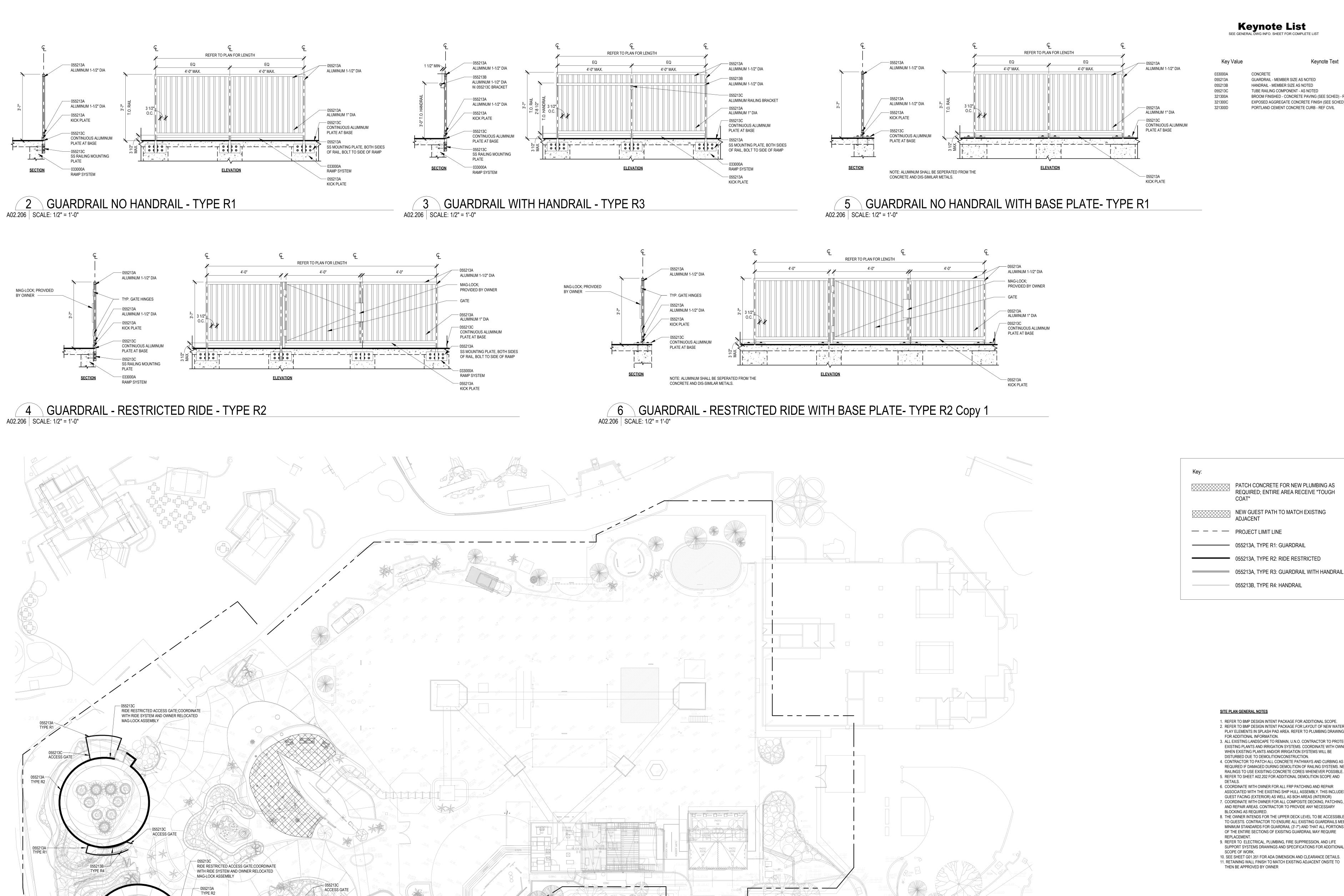
DEVICION COLIEDIU E				
REVISION SCHEDULE				
NO	DESCRIPTION	DATE		
S	eaWo!	Manager Control of the Control of th		
SWSD Rescue Junior				

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DEMOLITIC	DEMOLITION DETAILS					
DATE FEBRUA	RY 01, 2023					
DR BCD	CK JMSt					
PGAV 64117-00	CLIENT SEA					
SHEET NUMBER						

San Diego, CA

Package 1

A02.202



HANDRAIL; TYPE R3

— 321300C

MATCH EXISTING

TYPE R1; TOP OF

RIDE RESTRICTED ACCESS GATE; COORDINATE WITH RIDE SYSTEM AND OWNER RELOCATED

MAG-LOCK ASSEMBLY

RIDE RESTRICTED ACCESS GATE; COORDINATE

WITH RIDE SYSTEM AND OWNER RELOCATED

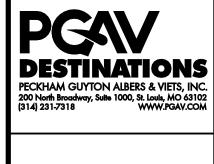
MAG-LOCK ASSEMBLY

EXISTING RETAINING

Keynote List SEE GENERAL DWG INFO. SHEET FOR COMPLETE LIST

CONCRETE 055213A GUARDRAIL - MEMBER SIZE AS NOTED HANDRAIL - MEMBER SIZE AS NOTED 055213B TUBE RAILING COMPONENT - AS NOTED

BROOM FINISHED - CONCRETE PAVING (SEE SCHED) - REF CIVIL EXPOSED AGGREGATE CONCRETE FINISH (SEE SCHED) - REF CIVIL PORTLAND CEMENT CONCRETE CURB - REF CIVIL



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SITE PLAN GENERAL NOTES

SCOPE OF WORK.

THEN BE APPROVED BY OWNER

1. REFER TO BMP DESIGN INTENT PACKAGE FOR ADDITIONAL SCOPE. 2. REFER TO BMP DESIGN INTENT PACKAGE FOR LAYOUT OF NEW WATER PLAY ELEMENTS IN SPLASH PAD AREA. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. 3. ALL EXISTING LANDSCAPE TO REMAIN, U.N.O. CONTRACTOR TO PROTECT EXISTING PLANTS AND IRRIGATION SYSTEMS. COORDINATE WITH OWNER WHEN EXISTING PLANTS AND/OR IRRIGATION SYSTEMS WILL BE DISTURBED DUE TO DEMOLITION/CONSTRUCTION. 4. CONTRACTOR TO PATCH ALL CONCRETE PATHWAYS AND CURBING AS REQUIRED IF DAMAGED DURING DEMOLITION OF RAILING SYSTEMS. NEW RAILINGS TO USE EXISITING CONCRETE CORES WHENEVER POSSIBLE. 5. REFER TO SHEET A02.202 FOR ADDITIONAL DEMOLITION SCOPE AND 6. COORDINATE WITH OWNER FOR ALL FRP PATCHING AND REPAIR

PATCH CONCRETE FOR NEW PLUMBING AS REQUIRED; ENTIRE AREA RECEIVE "TOUGH

055213A, TYPE R2: RIDE RESTRICTED

055213B, TYPE R4: HANDRAIL

ASSOCIATED WITH THE EXISTING SHIP HULL ASSEMBLY. THIS INCLUDES GUEST FACING (EXTERIOR) AS WELL AS BOH AREAS (INTERIOR) 7. COORDINATE WITH OWNER FOR ALL COMPOSITE DECKING, PATCHING, AND REPAIR AREAS. CONTRACTOR TO PROVIDE ANY NECESSARY BLOCKING AS REQUIRED. 8. THE OWNER INTENDS FOR THE UPPER DECK LEVEL TO BE ACCESSIBLE TO GUESTS. CONTRACTOR TO ENSURE ALL EXISTING GUARDRAILS MEET MINIMUM STANDARDS FOR GUARDRAIL (3'-7") AND THAT ALL PORTIONS OF THE ENTIRE SECTIONS OF EXISITING GUARDRAIL MAY REQUIRE 9. REFER TO ELECTRICAL, PLUMBING, FIRE SUPPRESSION, AND LIFE SUPPORT SYSTEMS DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL

10. SEE SHEET G01.351 FOR ADA DIMENSION AND CLEARANCE DETAILS. 11. RETAINING WALL FINISH TO MATCH EXISTING ADJACENT ONSITE TO



SWSD Rescue Junior

San Diego, CA

Package 1

Issue for Bid/Issue for Permit

NEW CONSTRUCTION - RAMP SITE PLAN

FEBRUARY 01, 2023 BCD 64117-00

055213A

TYPE R2

055213C

ACCESS GATE

Keynote List SEE GENERAL DWG INFO. SHEET FOR COMPLETE LIST

Key Value

Keynote Text

O55213A

GUARDRAIL - MEMBER SIZE AS NOTED

321300A

BROOM FINISHED - CONCRETE PAVING (SEE SCHED) - REF CIVIL

321300C

EXPOSED AGGREGATE CONCRETE FINISH (SEE SCHED) - REF CIVIL

321300D

PORTLAND CEMENT CONCRETE CURB - REF

PESTINATIONS
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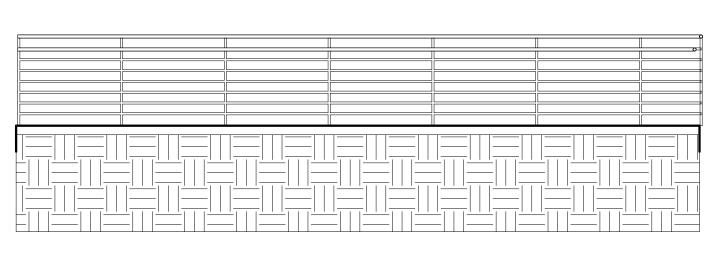
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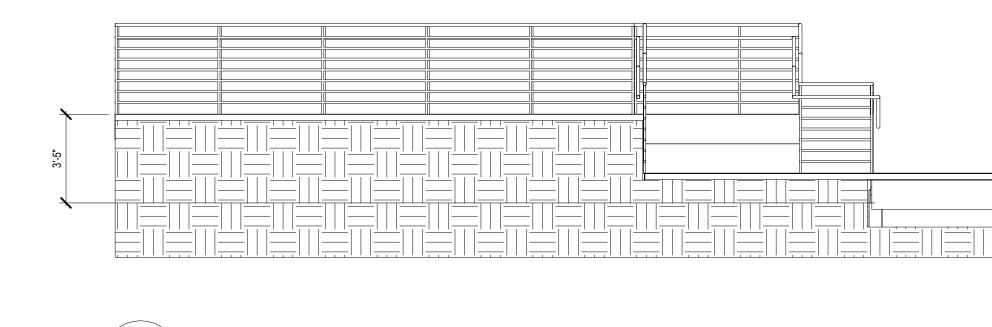
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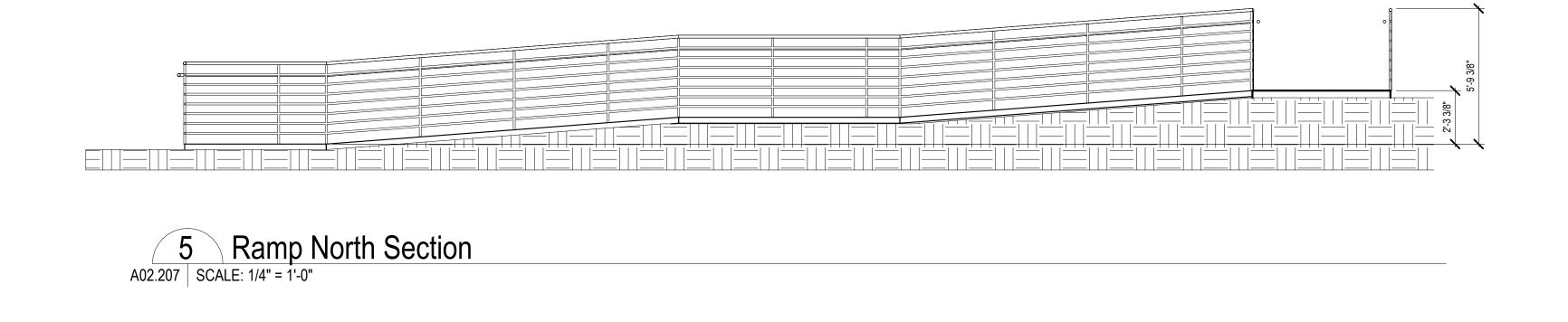


2 Ramp East Elevation

A02.207 SCALE: 1/4" = 1'-0"



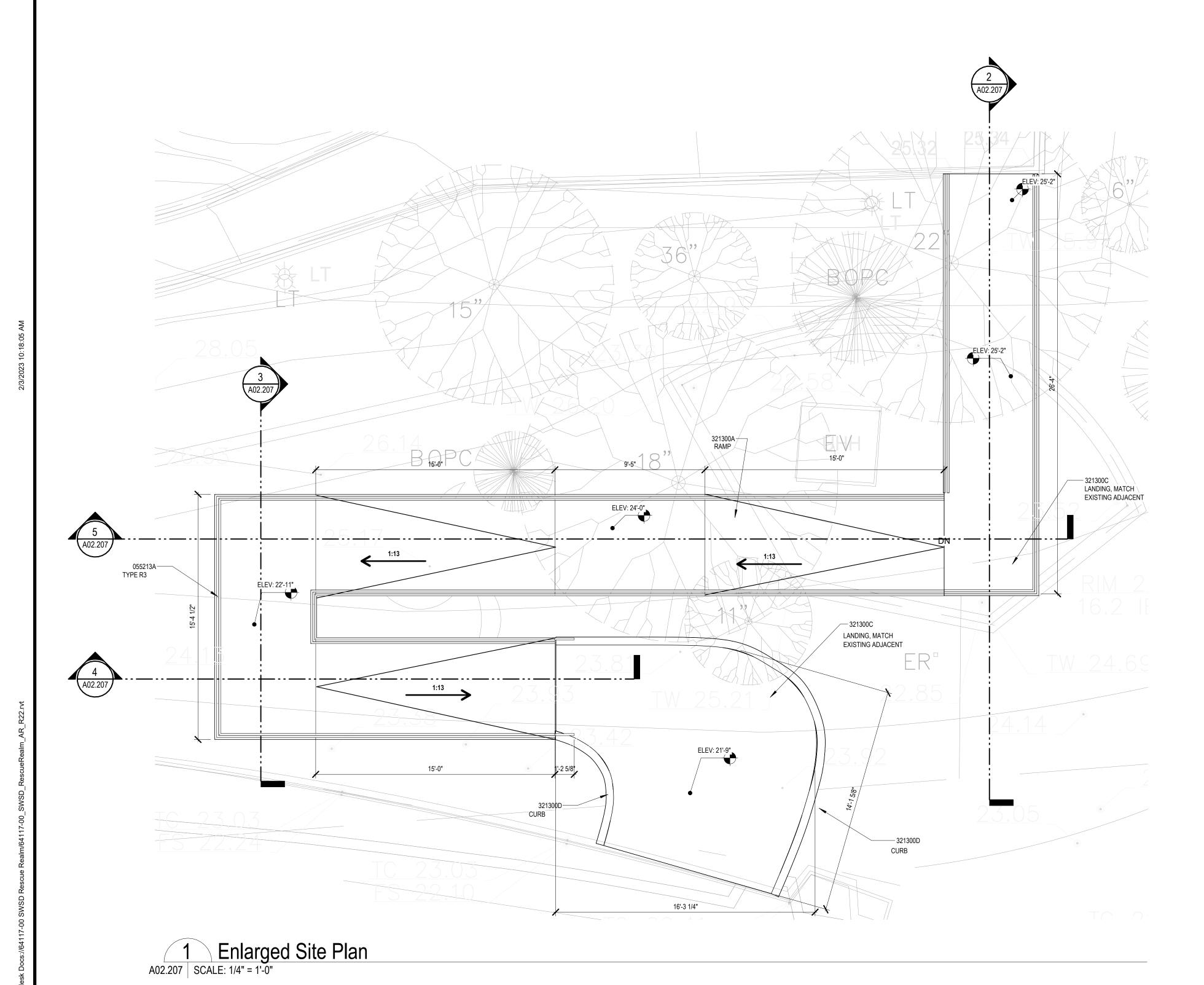
3 Ramp East Section
A02.207 SCALE: 1/4" = 1'-0"

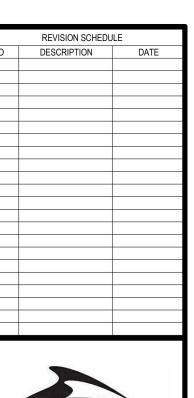


4 Ramp North Elevation

A02.207 SCALE: 1/4" = 1'-0"

RETAINING WALL FINISH TO MATCH
EXISTING ADJACENT







SWSD Rescue
Junior
San Diego, CA

Package 1

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NEW CONSTRUCTION - RAMP ENLARGED SITE PLAN

DATE FEBRUARY 01, 2023

DR BCD CK JMSt

PGAV 64117-00 CLIENT SEA

A02.207

STRUCTURAL GENERAL NOTES

TYPICAL DETAILS AND THESE NOTES SHALL APPLY UNLESS NOTED OTHERWISE ON THE DRAWINGS OR PROJECT SPECIFICATIONS.

USE OF DRAWINGS

<u>JSE OF DRAWINGS AND COORDINATION:</u> USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH SPECIFICATIONS, EXISTING AND OTHER DRAWINGS FOR BIDDING AND CONSTRUCTION. COORDINATE WORK AND VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY BETWEEN TRADES. NOTIFY OWNER'S PROJECT MANAGER OF DISCREPANCIES PRIOR TO CONSTRUCTION.

DRAWING SCALE: NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS - DO NOT SCALE DRAWINGS.

DIMENSION VERIFICATION: DIMENSIONS NOTED PLUS OR MINUS (+/-) INDICATE UN-VERIFIED DIMENSIONS THAT REQUIRE CONFIRMATION OR DETERMINATION BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION. NOTIFY OWNER'S PROJECT MANAGER IMMEDIATELY OF CONFLICTS OR VARIATIONS FROM INDICATED DIMENSIONS.

NOTE CONFLICTS: IF ANY STRUCTURAL NOTES ARE IN CONFLICT WITH OTHER DRAWINGS OR THE SPECIFICATIONS, USE THE MOST STRINGENT REQUIREMENT FOR BIDDING AND CONSTRUCTING THE WORK.

EXISTING CONDITIONS: INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE. BUT WITHOUT GUARANTEE OF ACCURACY.

VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S PROJECT MANAGER. DO NOT

DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S PROJECT MANAGER.

DESIGN AND CONSTRUCTION CRITERIA

GOVERNING BUILDING CODE: DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA EXISTING BUILDING CODE (2019). THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS REFERENCED BY THE BUILDING CODE. IN CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

PRIMARY REFERENCE STANDARDS: (USE VERSION REFERENCED BY GOVERNING CODE. IF NOT REFERENCED BY GOVERNING CODE, USE LATEST EDITION)

MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7

ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS

INTERNATIONAL CODE COUNCIL

ACI 315 GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS

ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

AMERICAN WELDING SOCIETY

MEANS AND METHODS

<u>MEANS AND METHODS:</u> THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION MEANS AND THE METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES REQUIRED FOR SAFELY CONSTRUCTING ALL WORK

<u>IOBSITE SAFETY:</u> THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING A SAFE PLACE TO WORK AND FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE JURISDICTIONS. EXECUTE WORK IN A MANNER THAT PROVIDES FOR THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST INJURY AND DAMAGE DUE TO FALLING DEBRIS AND OTHER HAZARDS IN CONNECTION WITH CONSTRUCTING THE WORK.

SUBMITTALS

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE OWNER'S PROJECT MANAGER AND ENGINEER-OF-RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION. DIMENSION AND QUANTITY VERIFICATION ARE THE CONTRACTOR'S RESPONSIBILITIES AND ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALI REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. IF DEVIATIONS. DISCREPANCIES. OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED. EITHER PRIOR TO OR AFTER THE ENGINEER PROCESSES THE SHOP DRAWING SUBMITTALS, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

REQUIRED SUBMITTALS:

REQUIRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

EPOXY ADHESIVES CONCRETE MIX DESIGN REINFORCING BARS DECORATIVE CONCRETE SURFACE SAMPLE

OTHERS PER SPECIFICATIONS

SUBMITTAL ACCEPTANCE: FOLLOWING ACCEPTANCE BY THE OWNER'S PROJECT MANAGER AND ENGINEER AND PRIOR TO FABRICATION, ADDITIONAL TIME FOR REVIEW AND ACCEPTANCE OF SUBMITTAL BY THE BUILDING OFFICIAL IS REQUIRED AND SHALL BE IDENTIFIED AND ALLOWED FOR IN THE CONTRACTOR'S SCHEDULE.

SUBSTITUTIONS: SUBMIT SUBSTITUTION REQUESTS PER THE PROCEDURES IN THE SPECIFICATIONS WITH APPLICABLE ICC REPORTS TO THE OWNER'S PROJECT MANAGER AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DETAILING, FABRICATION AND ERECTION. ADDITIONAL ENGINEERING CALCULATIONS AND DETAILS, PROVIDED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT SITE STATE, MAY BE REQUIRED OF THE CONTRACTOR FOR SUBSTITUTIONS THAT ARE NOT SIMILAR TO THE SPECIFIED PRODUCTS AND CONFIGURATION.

CONCRETE

REFERENCE STANDARDS: (USE VERSION REFERENCED BY GOVERNING CODE. IF NOT REFERENCED BY GOVERNING CODE, USE LATEST EDITION)

ACI 318 AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

ACI 350 AMERICAN CONCRETE INSTITUTE, CODE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURE

AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE – REINFORCING STEEL, AWS D1.4

REINFORCING STEEL MATERIALS:

DEFORMED BARS ASTM A615, GRADE 60

REINFORCING STEEL DETAILING: REINFORCING STEEL SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 -DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.

CONCRETE PROTECTION: COVER FOR REINFORCING STEEL SHALL BE 2 1/2" AT ALL CONCRETE FACES, UON.

ADHESIVE ANCHORS AND EPOXIED REINFORCING BARS: PLACEMENT AND CURING SHALL BE CONDUCTED WITH CONCRETE AND AIR TEMPERATURES ABOVE 50 DEGREES. APPLY EPOXY ONLY TO CLEAN, DRY CONCRETE. PROVIDE POSITIVE PROTECTION SO DOWELS ARE NOT DISTURBED DURING THE CURING PERIOD

STAINLESS STEEL ADHESIVE ANCHORS AND REINFORCING BARS. WHERE CALLED OUT. SHALL BE EPOXIED INTO CONCRETE WITH HILTI HY-200 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-3187. ADHESIVE ANCHOR RODS SHALL BE ASTM F593 TYPE 316 STAINLESS STEEL THREADED RODS, OR APPROVED EQUIVALENT.

STAINLESS STEEL ADHESIVE ANCHORS AND REINFORCING BARS, WHERE CALLED OUT, SHALL BE EPOXIED INTO CONCRETE MASONRY UNITS WITH HILTI HY-270 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-4143. ADHESIVE ANCHOR RODS SHALL BE ASTM F593 TYPE 316 STAINLESS STEEL THREADED RODS, OR APPROVED EQUIVALENT.

POST-INSTALLED DRILLING: HOLES FOR INSTALLING REINFORCING BARS, BOLTS, THREADED RODS AND INSERTS INTO CONCRETE SHALL BE DRILLED BY THE ICC APPROVED DRILLING METHOD FOR THE ANCHOR. CHIP AWAY A SUFFICIENT QUANTITY OF CONCRETE COVER TO LOCATE EXISTING REINFORCING PRIOR TO DRILLING, DO NOT CUT EXISTING REINFORCING.

CONCRETE MIX DESIGNS							
AREA	MIN F'c (PSI), 28 DAYS	MAX W/C	ENTRAINED AIR	FLY ASH	MAXIMUM AGGREGATE	EXPOSURE CLASS	
ALL CONCRETE	4,000	0.40	-	25-30%	3/4"	W1	

FORMULATE ALL CONCRETE TO HAVE LOW SHRINKAGE, LOW PERMEABILITY, AND A HIGH LEVEL OF CORROSION RESISTANCE THAT WILL PROTECT REBAR AND OTHER EMBEDDED METALS. CORROSION INHIBITOR ADMIXTURE IS REQUIRED WITH DOSAGE AS REQUIRED TO PROVIDE 9.9 lbs/CY CHLORIDE

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS: REFER TO IBC TABLE 1705.3 FOR REQUIRED SPECIAL INSPECTIONS THAT SHALL BE PERFORMED BY A TESTING AGENCY CERTIFIED TO PROVIDE THE REQUIRED INSPECTIONS IN THE STATE OF CALIFORNIA.

REQUIRED SPECIAL INSPECT	BLE 1705.3 TIONS AND TESTS TRUCTION	OF CONCRET	E		
TYPE	CONTINUOUS SPECIAL	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	APPLICABLE TO PROJECT?
INSPECT REINFORCING STEEL AND VERIFY PLACEMENT.	-	Х	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4	YES
REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	-	Х	AWS D1.4		
 b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND 	-	X	ACI 318: 26.6.4	-	NO
c. INSPECT ALL OTHER WELDS.	X	-			
INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 17.8.2	-	YES
INSPECTION OF ANCHORS POST INSTALLED IN HARDENED CONCRETE MEMBERS. ^b a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	X -	- X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-	YES
VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3	YES
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Х	-	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10	YES
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Х	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8	YES
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	Х	ACI 318: 26.5.3 - 26.5.5	1908.9	YES
INSPECTION OF PRESTRESSED CONCRETE: a. APPLICATION OF PRESTRESSING FORCES; AND b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	-	ACI 318: 26.10	-	NO
INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: 26.8	-	NO
VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS.	-	Х	ACI 318: 26.11.2	-	YES
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		Х	ACI 318: 26.11.1.2(b)	-	YES

SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 OF ACI 318 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

fc = 40	00 PSI	SPLICE AN	ND DEVELOPI	MENT LENGTH	S BASED ON	N ACI 318-14		
BAR SIZE		SION LAP NGTH. Ls			COMP LAP LENGTH,	COMP DEV LENGTH,	STANDARD	HOOK
		OTHER BARS	TOP BARS	OTHER BARS	Lcs Lcd		LENGTH, Ldh	HOOI
CLASS	В	В		Brito				
#3	25	20	20	15	12	8	7	6
#4	33	25	25	19	15	9	9	8
#5	40	31	31	24	19	12	12	10
#6	48	38	38	29	23	14	14	12
#7	70	55	55	42	26	17	17	14
#8	81	62	62	48	30	19	19	15
#9	91	70	70	54	34	21	21	19
#10	103	79	79	61	38	24	24	21
#11	113	87	87	67	42	27	27	23

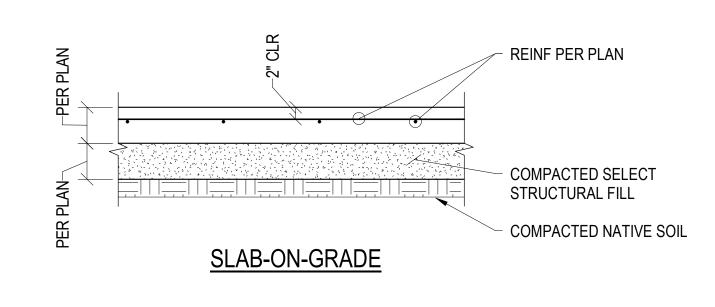
1. USE THE LENGTHS IN THESE SCHEDULES, UNLESS OTHERWISE NOTED. ALL VALUES IN INCHES.

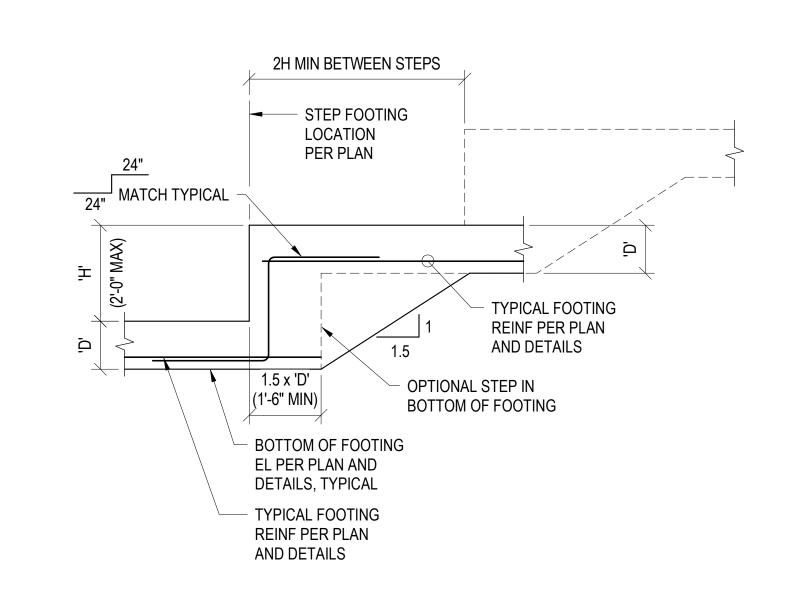
- 2. fc = PER GENERAL NOTES $F_V = 60,000 PSI$
- 3. LAP SPLICES SHALL BE 'CLASS B', UNLESS OTHERWISE NOTED ON PLANS.
- 4. A TOP BAR IS A HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE 5. MULTIPLY LENGTHS BY 1.5 IF MIN CENTER-TO-CENTER SPACING < 3x BAR DIAMETERS OR MIN
- CLEAR COVER < 1 BAR DIAMETER. 6. STAGGER ADJACENT LAP SPLICES BY THE GREATER OF 40d OR 24".
- ASSUMPTIONS:

CONCRETE IS NORMAL WEIGHT.

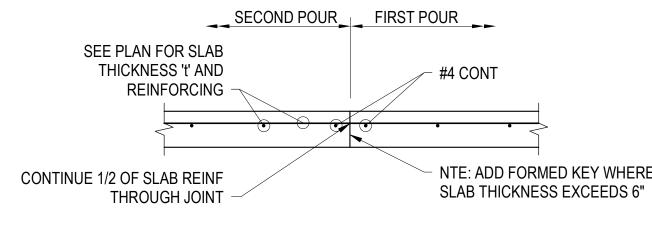
- REINFORCEMENT IS UNCOATED OR ZINC-COATED (GALVANIZED)
- CONFINING REINFORCEMENT DOES NOT EXIST FOR MODIFICATION FACTOR.

CONCRETE DEVELOPMENT AND SPLICE LENGTH $^{\prime}$ SCALE: NTS

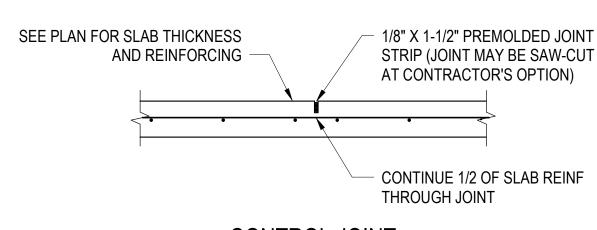




2 TYPICAL STEPPED FOOTING SCALE: NTS



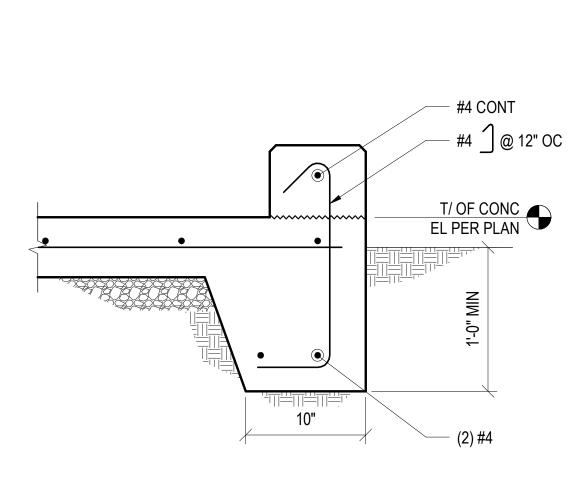
CONSTRUCTION JOINT



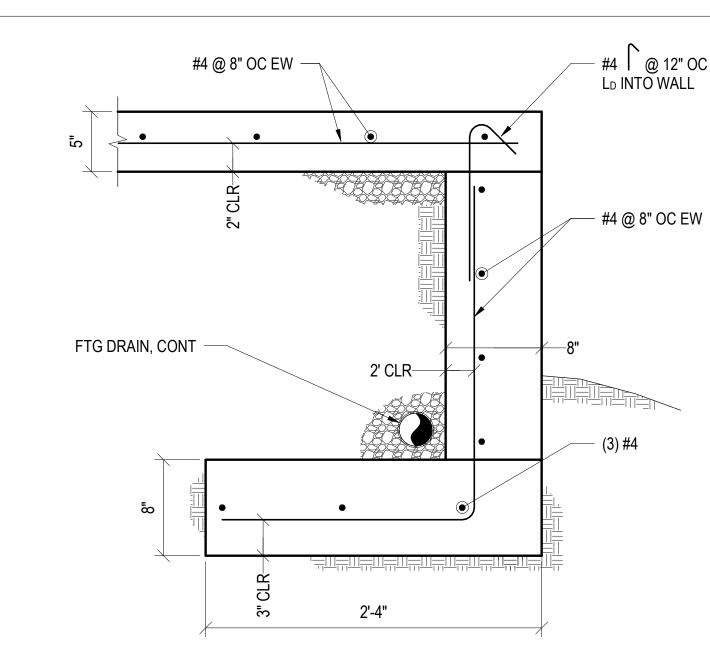
CONTROL JOINT

TYPICAL SLAB-ON-GRADE DETAILS

SCALE: NTS

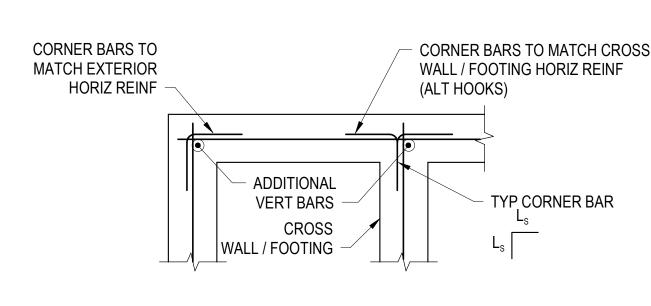


4 TYP TURNED-DOWN SLAB DETAIL
1 1/2" = 1'-0"



TYP RETAINING WALL

1 1/2" = 1' 0" √ 1 1/2" = 1'-0



SINGLE CURTAIN

TYPICAL CONCRETE WALL 6 AND FOOTING CORNER BARS
SCALE: NTS

CONSTRUCTION 1424 Fourth Ave. Suite 4 Seattle, WA 98101 (206) 264-2727 www.mlaengineering.com Accessibility for Persons with Disabilities This drawing contains layouts and elements critical to providing Access for Disabled Persons. Contractor shall provide verification and certification of Compliance with the applicable accessibility regulations. The theming scope of work shown on thes drawings is for design intent. Outlines, sketches, drawings, picture reference material specifications, and notes on this document are for the express purpose of location, general identification, adjacency, and design intent. Structural design, code compliance, manufacture, installation, and safety of operation are to be provided by the Contractor including engineering documentation signed and sealed by a authority having jurisdiction. The Architect/Designer's review of submittals is for the purpose of checking for conformance with information given and the design concep expressed in the Contract Documents Ride Disclaimer: Outlines, sketches, or references of a

possible "Ride" or "Rides" or use of any "ride' terms such as "coaster", "merry-go-round",

trade names, etc. on this drawing are for purpose of location, general identification, and

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that the "Ride" however shown or reference on this drawing is not in any way, shape, or

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DESCRIPTION

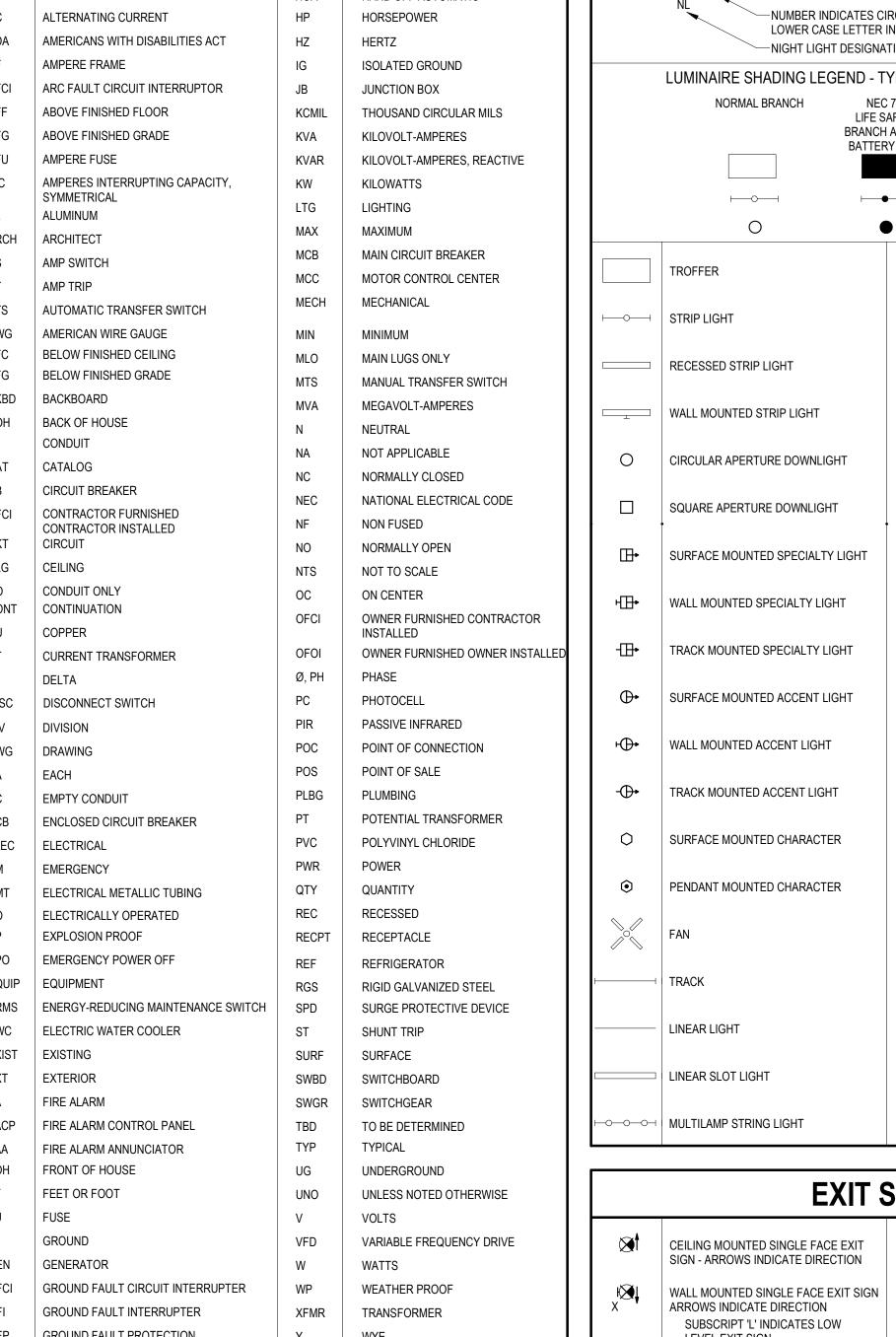
SeaWorld Rescue Junior San Diego, CA

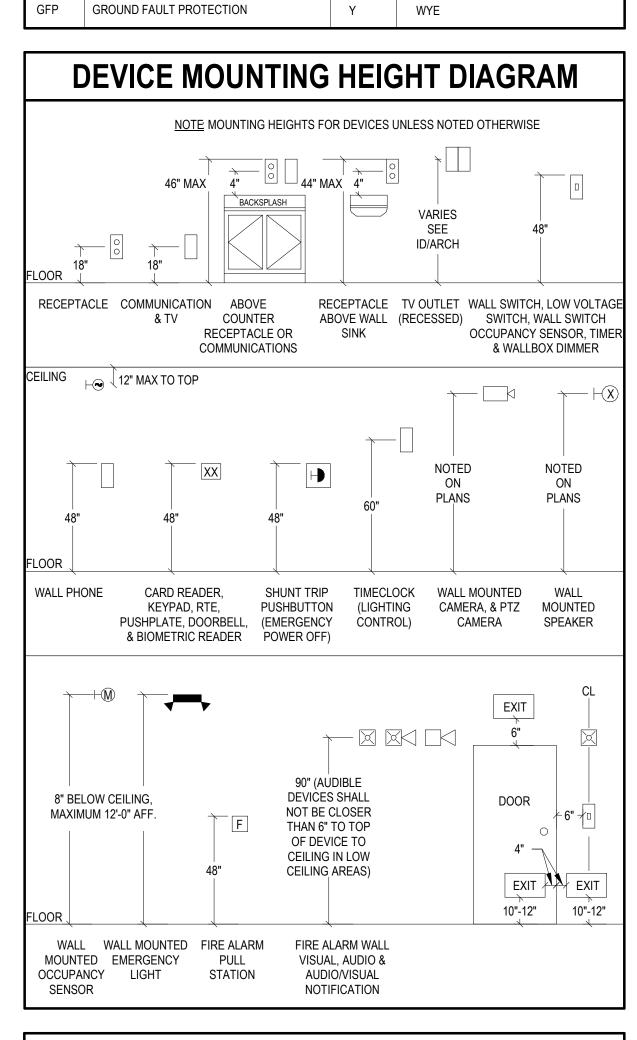
DESIGN DEVELOPMENT GENERAL STRUCTURAL

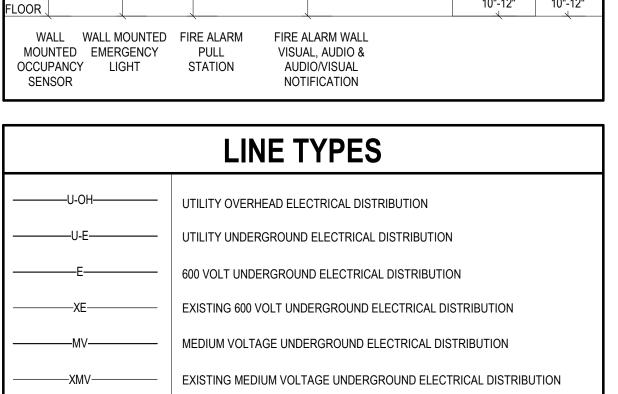
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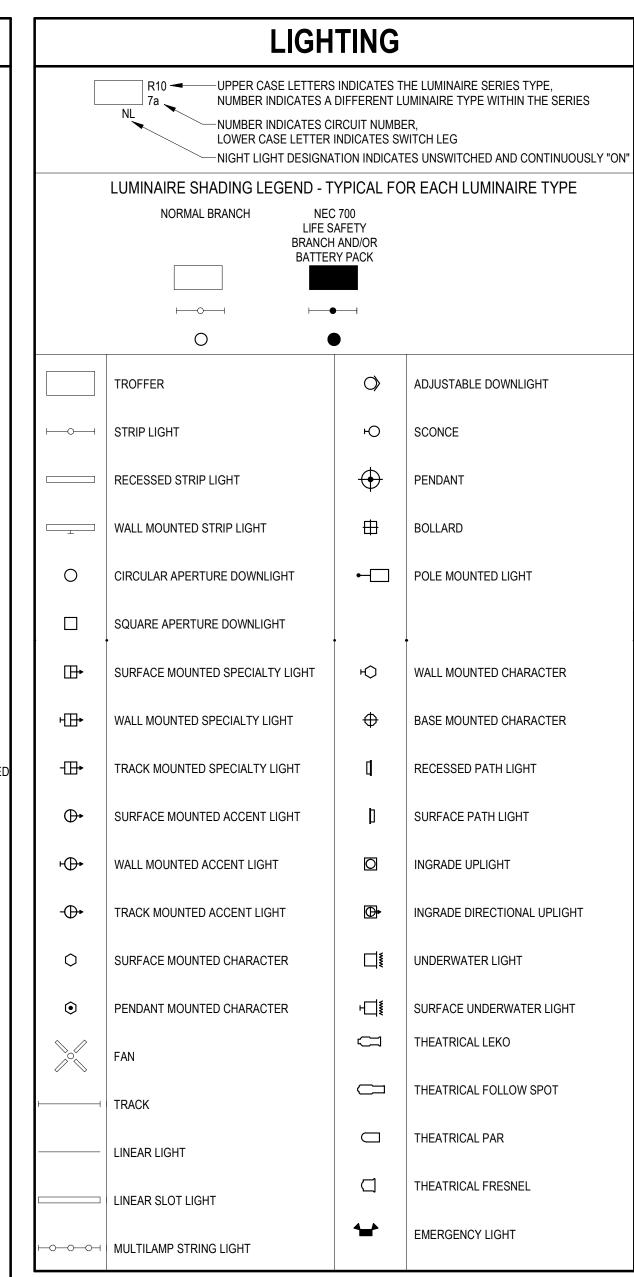
S010









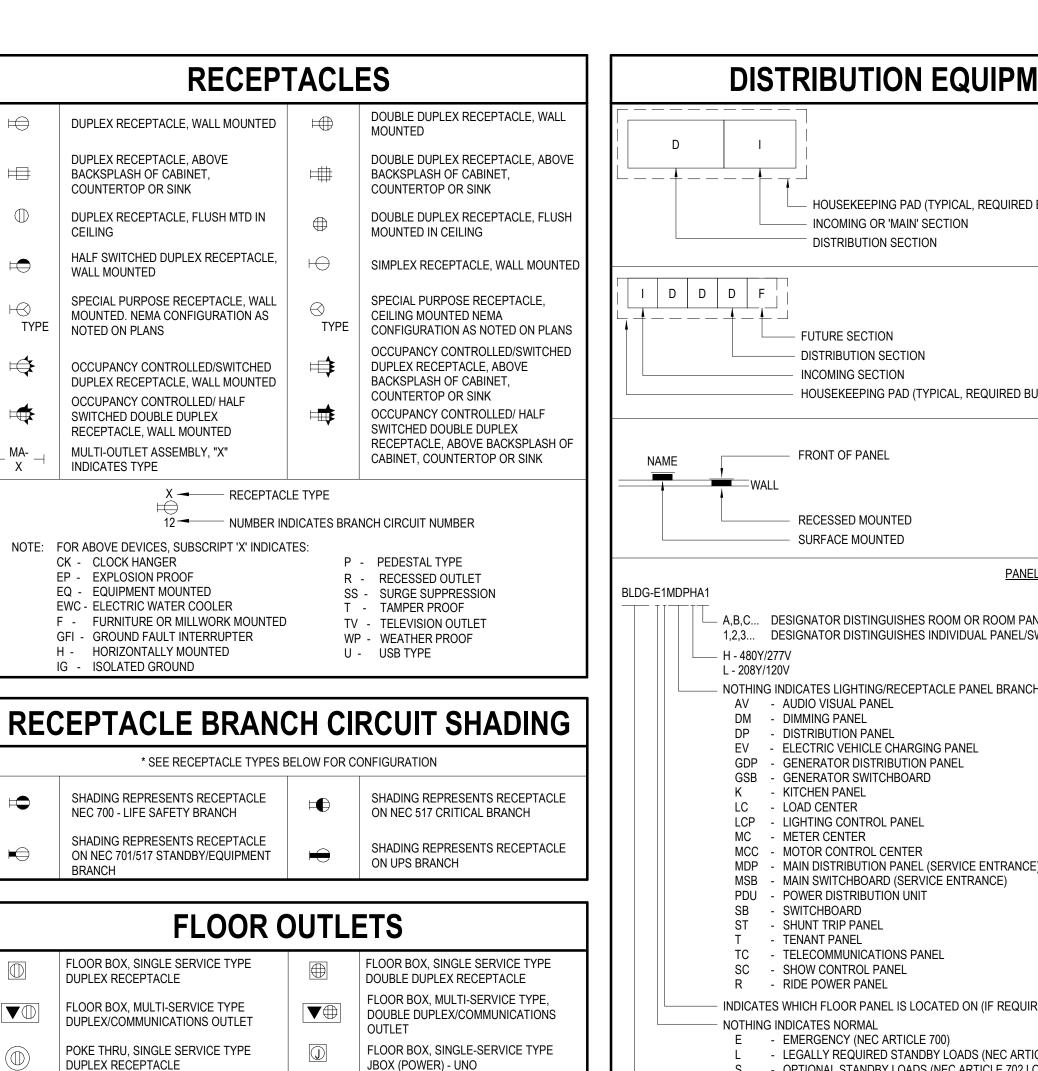


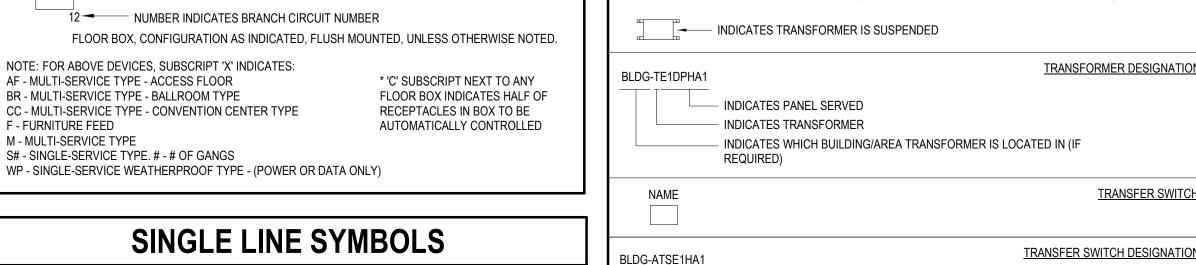
	EXIT SIGNS						
⊘ ↑	CEILING MOUNTED SINGLE FACE EXIT SIGN - ARROWS INDICATE DIRECTION	(8)	CEILING MOUNTED DOUBLE FACE EXIT SIGN - ARROWS INDICATE DIRECTION				
x ^X ↓	WALL MOUNTED SINGLE FACE EXIT SIGN ARROWS INDICATE DIRECTION SUBSCRIPT 'L' INDICATES LOW LEVEL EXIT SIGN		WALL MOUNTED DOUBLE FACE EXIT SIGN - ARROWS INDICATE DIRECTION				
፟፟፟	WALL END-MOUNTED SINGLE FACE EXIT SIGN ARROWS INDICATE DIRECTION						

≨ X ab	WALL MOUNTED SWITCH 'ab' INDICATES INDIVIDUAL GANGED	OCCUPANCY AND VACANCY SENSOF		
LCP	SWITCHES AND ASSOCIATED SWITCH LEGS CONTROLLED, SUBSCRIPT 'X' INDICATES: 2 - DOUBLE POLE 3 - THREE WAY 4 - FOUR WAY D - WALL BOX DIMMER EP - EXPLOSION PROOF F- FAN SWITCH H - HORSEPOWER RATED K - KEY OPERATED LV - LOW VOLTAGE TYPE P - PILOT LIGHT T - WALL BOX TIMER W - WIRELESS WP - WEATHER PROOF LIGHTING CONTROL PANEL CONTROL STATION SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER	M ab X ab Ab Ab Ab	OCCUPANCY/VACANCY SENSOR, CEILING MOUNTED OCCUPANCY/VACANCY SENSOR, WALL MOUNTED (REFER TO MOUNTING HEIGHT LEGEND) OCCUPANCY/VACANCY SENSOR, WALL SWITCH TYPE NOTE: 'ab' INDICATES SWITCH LEGS CONTROLLED, SUBSCRIPT 'X' INDICATES: VS - VACANCY SENSOR TYPE OS - OCCUPANCY SENSOR TYPE LV - LOW VOLTAGE SWITCH W - WIRELESS	
	LIGHTING CONTROL WALL STATION, SUBSCRIPT 'X' INDICATES UNIQUE	C X PC X	CONTACTOR, SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER PHOTOCELL	
TC	IDENTIFIER TIME CLOCK, SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER	ALCR	AUTOMATIC LOAD CONTROL RELAY (EMERGENCY LIGHTING)	
DS	DAYLIGHT SENSOR, CEILING MOUNTED	BCELTS	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH (EMERGENCY LIGHTING)	

IN-GRADE BOXES						
HXX	HANDHOLE	H x xx x				
M	MANHOLE	BOX NUMBER SIZE DESIGNATION/TYPE BOX TYPE				
PXX	PULLBOX	HH-HANDHOLE MH-MAHHOLE				
EVICE NO EFER TO I PECIFICAT	DETAILS FOR EXACT BOX TYPE, SIZE AND	PB-PULLBOX UTILITY TYPE C-COMMUNICATION P-POWER				
		EXAMPLE: CMH-1-01				

	POWER CONNECTIONS						
HQ	D	JUNCTION BOX, WALL MOUNTED	(J)	JUNCTION BOX, CEILING MOUNTED			
HE	X	SPECIAL EQUIPMENT CONNECTION, WALL MOUNTED. SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE.	© _X	SPECIAL EQUIPMENT CONNECTION, CEILING MOUNTED. SUBSCRIPT 'X' INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE.			
4		DISCONNECT SWITCH, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR DISCONNECT TYPE, UNO	4	COMBINATION MOTOR STARTER DISCONNECT, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR DISCONNECT TYPE, UNO			
) _x	MOTOR, SUBSCRIPT 'X' DENOTES MOTOR DESIGNATION, REFER TO EQUIPMENT CONNECTION SCHEDULE	\	VARIABLE FREQUENCY DRIVE SHUNT TRIP PUSH BUTTON			
		POWER POLE	H	B - BUILDING SHUNT TRIP OR - LIGHTING OVERRIDE			





UTILITY METER

FLOOR BOX, MULTI-SERVICE TYPE

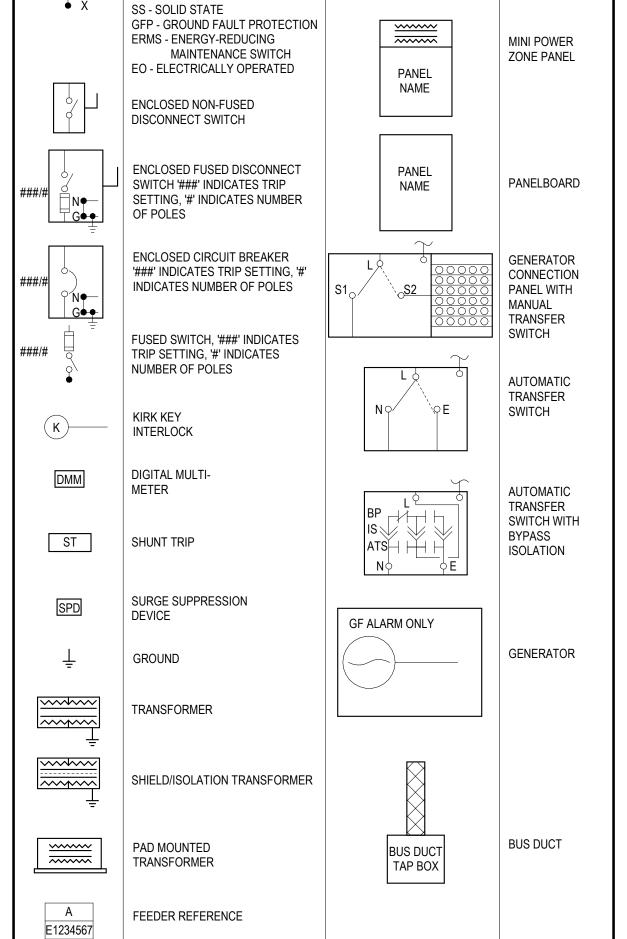
JBOX (POWER)/COMMUNICATIONS

DOUBLE DUPLEX RECEPTACLE

OUTLET

M

FLOOR BOX TYPE (REFER TO SPECIFICATIONS FOR FLOOR BOX TYPES AND



POKE THRU, MULTI-SERVICE TYPE

POKE THRU, MULTI-SERVICE TYPE

JBOX (POWER)/COMMUNICATIONS

POKE THRU, SINGLE-SERVICE TYPE

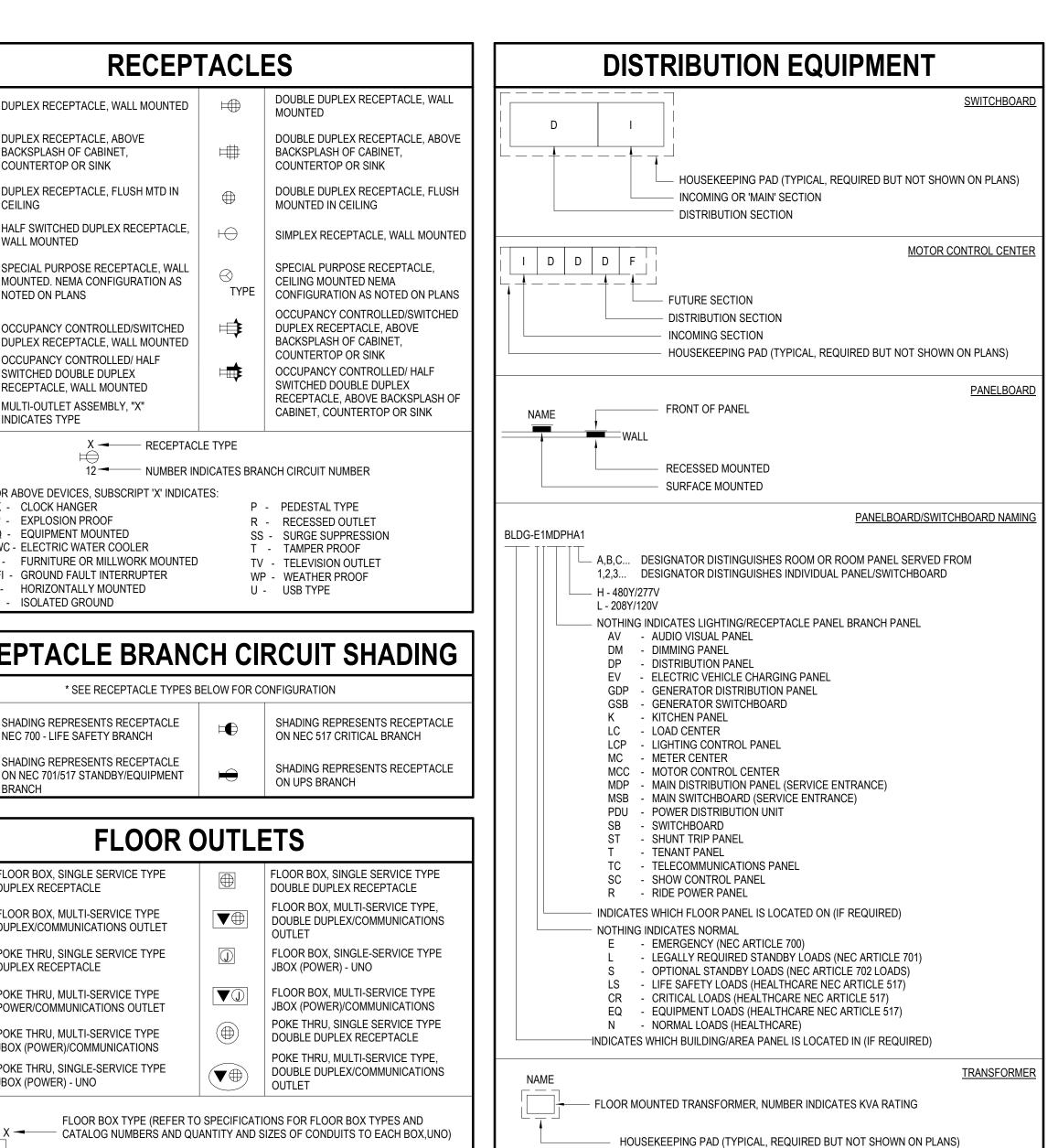
CKT BREAKER, '###' INDICATES

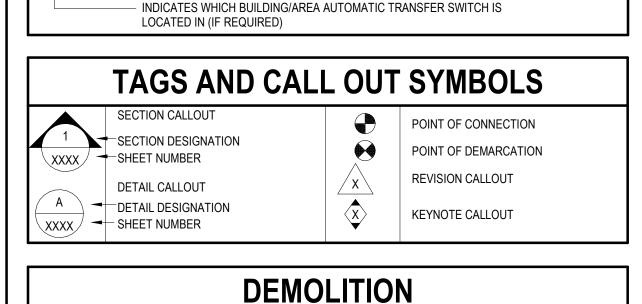
TRIP SETTING, '#' INDICATES

NUMBER OF POLES

JBOX (POWER) - UNO

POWER/COMMUNICATIONS OUTLET





- INDICATES PANEL SERVED

< R > EXISTING TO BE REMOVED

< RL > EXISTING TO BE RELOCATED

INDICATES TRANSFER SWITCH

ATS - AUTOMATIC TRANSFER SWITCH

MTS - MANUAL TRANSFER SWITCH

TRANSFORMER DESIGNATION

TRANSFER SWITCH

DEMOLITION CONDUIT	DEMOLITION EQUIPMENT						
CIRCUITING							
BLDG-E1MDPHA-1 CIRCUIT NUMBER PANEL DESIGNATION	3#12,#12G,3/4"C CONDUIT SIZE GROUND CONDUCTOR QUANTITY AND SIZE CIRCUIT CONDUCTOR QUANTITY AND SIZE						

< X > EXISTING TO REMAIN

< NL > EXISTING - NEW LOCATION

	LIGHTNING PROTECTION						
⊙# X	AIR TERMINAL, "#" INDICATES TERMINAL LENGTH IF GREATER THAN 18", SUBSCRIPT 'X' INDICATES: A-FLATE SURFACE BASE B-FLAT WALL MOUNTED PARAPET BASE C-SWIVEL BASE D-RIDGE SADDLE BASE(EXPOSED) E-RIDGE SADDLE BASE (CONCEALED) F-CONCEALED AIR TERMINAL BASE ASSEMBLY G-EASE AIR TERMINAL	— M — G — B — ⊥	MAIN CONDUCTOR CABLE COUNTERPOISE CONDUCTOR CABLE BONDING CONDUCTOR CABLE TEE CONNECTOR GROUND ROD BONDING CONNECTION DOWN CONDUCTOR UP CONDUCTOR				

GROUNDING					
-I-I	GROUND ROD		+	GROUND BUS BAR	

GENERAL NOTES

1. NOT ALL SYMBOLS ON ELECTRICAL SYMBOLS SHEET ARE USED.

2. ALL MOUNTING HEIGHTS ARE TO THE CENTERLINE OF THE DEVICE BACKBOX UNLESS NOTED OTHERWISE. 3. ALL ELECTRICAL SYSTEMS INSTALLATIONS SHALL COMPLY WITH NFPA 70 (NATIONAL ELECTRICAL CODE)

AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES. 4. DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR MAKING EVERY ATTEMPT TO CONCEAL RACEWAY SYSTEMS WITHIN WALLS OR ABOVE CEILINGS. WHERE RACEWAY SYSTEMS MUST BE INSTALLED WITHIN FRONT OF HOUSE EXPOSED AREAS, CONTRACTOR SHALL INSTALL SYSTEM COMPONENT PER CODE WITH CAREFUL CONSIDERATION FOR THEMING AND EXTREME SENSITIVITY FOR VISIBILITY OF SYSTEM

TO ARCHITECT'S PAINT SPECIFICATION SECTION AND ARCHITECTURAL FINISH SCHEDULES TO DETERMINE PAINT COLOR OF ALL EXPOSED FRONT OF HOUSE RACEWAY SYSTEMS. 5. DIVISION 26 CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO AND DURING

COMPONENTS. CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO STRUCTURE AS BEST

FITS ROUTING REQUIREMENTS AND SHALL BE INSTALLED IN A NEAT AND PROFESSIONAL MANNER. REFER

6. DIVISION 26 CONTRACTOR SHALL ENSURE THAT ALL CONDUIT ROUTED THROUGH OR NEAR CASEWORK SHALL NOT INTERFERE IN ANY WAY WITH THE INTENDED USE OF OR SERVICING OF EQUIPMENT OR

7. DIVISION 26 CONTRACTOR SHALL NOT CUT, DRILL, OR IN ANY OTHER MANNER ALTER ANY STRUCTURAL MEMBER WITHOUT PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

8. DIVISION 26 CONTRACTOR SHALL, AFTER EXAMINATION OF ALL PLANS AND SPECIFICATIONS, INCLUDE ALL COSTS NECESSARY FOR ALTERATION OF, MODIFICATION OF, OR ADDITIONS TO THE ELECTRICAL SYSTEMS NECESSARY FOR A COMPLETE AND APPROVED INSTALLATION IN ALL ASPECTS. IT IS THE INTENT THAT ALL COSTS REQUIRED BE INCLUDED IN THE BID OF THIS TRADE, DIVISION 26 CONTRACTOR SHALL BASE THEIR PROPOSAL AND BID UPON THE EQUIPMENT AS SCHEDULED OR SPECIFIED. USING THE MANUFACTURERS AND MODEL NUMBERS AS CALLED FOR IN THE SPECIFICATIONS AND SCHEDULED ON THE DRAWINGS. IF MORE THAN ONE MANUFACTURER OF EQUIPMENT IS SPECIFIED, ANY ONE OF THE MANUFACTURERS OF EQUIPMENT MAY BE USED IN THIS CONTRACTOR'S PROPOSAL.

9. DIVISION 26 CONTRACTOR TO NOTIFY ELECTRICAL ENGINEER, IN WRITING, OF ANY DISCREPANCIES FOUND BETWEEN THE ELECTRICAL PLANS AND OTHER ENGINEERING PLANS, ARCHITECTURAL PLANS, OR EXISTING FIELD CONDITIONS PRIOR TO FINAL BID PRICE OR PERMITTING.

10. IN CASE OF DISPUTE OR DOUBT AS TO INTENT OF DRAWINGS OR SPECIFICATIONS. DIVISION 26 CONTRACTOR SHALL CONTACT ELECTRICAL ENGINEER AND OBTAIN WRITTEN CLARIFICATION PRIOR TO PROCEEDING WITH AND BID OR CONSTRUCTION SCOPE INVOLVED.

11. DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR ORDERING ALL MATERIALS IN SUFFICIENT TIME TO AVOID DELAYING THE COMPLETION OF THE PROJECT. DELAY IN DELIVERIES SHALL NOT BE CONSIDERED A

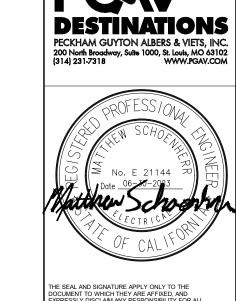
JUSTIFIABLE REASON FOR SUBMISSION OF SUBSTITUTE MATERIALS.

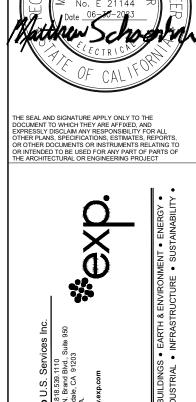
12. ALL ELECTRICAL DEVICES AND COVER PLATES SHALL BE PROVIDED PER THE COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER. THE GC SHALL BE RESPONSIBLE FOR ENSURING THAT THE TELECOMMUNICATION DEVICE COVER PLATES MATCH THE ELECTRICAL COVER PLATES WITHIN THE SAME

13. DIVISION 26 CONTRACTOR SHALL ASSIST LIGHTING DESIGNER/ARCHITECT/INTERIOR DESIGNER WITH THE PROCESS OF AIMING AND FOCUSING ALL LUMINAIRES. THIS PROCESS MAY INCLUDE WORKING OFF OF LIFTS AND WORKING DURING NIGHTTIME HOURS.

14. FRONT-OF-HOUSE EMERGENCY LIGHTING MAY NOT BE SHADED TO DESIGNATE EMERGENCY LUMINAIRES. REFER TO CIRCUITING LEGEND FOR INFORMATION REGARDING FRONT-OF-HOUSE LUMINAIRE CIRCUITING FOR LUMINAIRES ON EMERGENCY POWER.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR FIRESTOPPING ALL PENETRATIONS THROUGH FIRE-RESISTANCE-RATED WALL & HORIZONTAL ASSEMBLIES AND WEATHERPROOFING ALL PENETRATIONS THROUGH EXTERIOR WALLS OR ROOFS. FIRESTOP SYSTEMS SHALL BE APPROVED AND UL-LISTED. MEETING THE F RATING & T RATING REQUIREMENTS IN CHAPTER 7 OF THE BUILDING CODE. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR APPLICABLE FIRESTOP SYSTEMS.

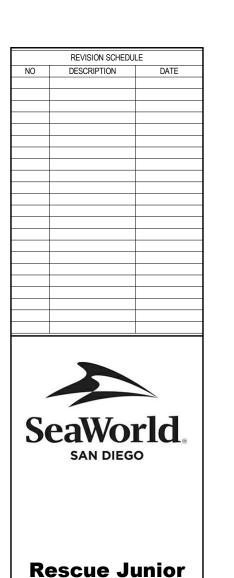




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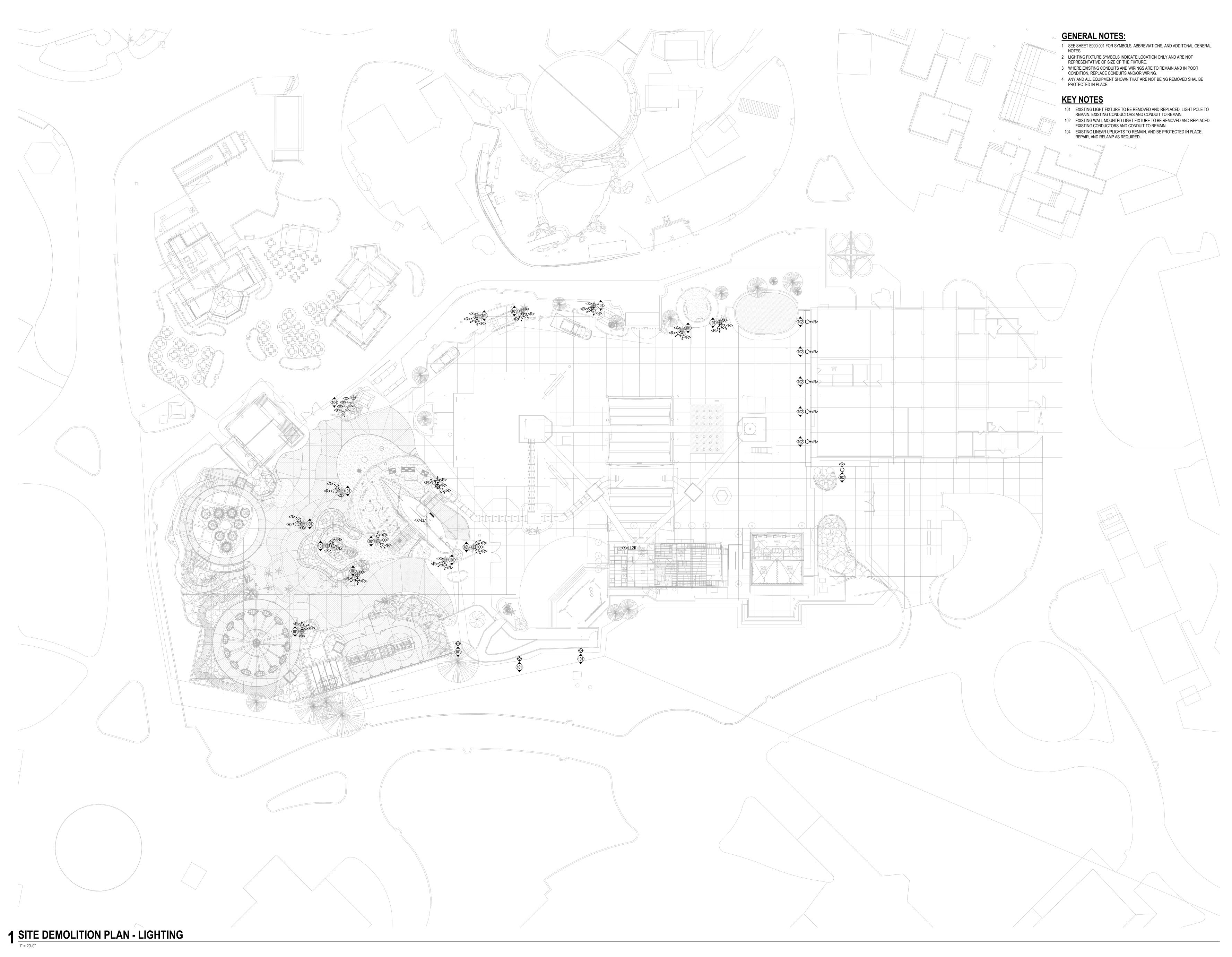
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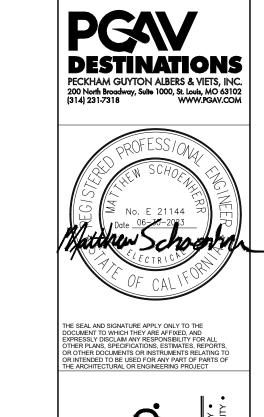
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LEGEND AND ABBREVIATIONS

02/01/23 YWH 64117-00

SHEET NUMBER E000.001

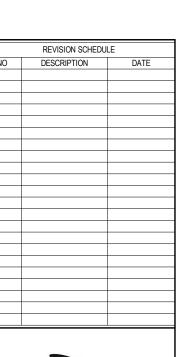




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Package 1

Package 1

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SITE DEMOLITION PLAN -LIGHTING

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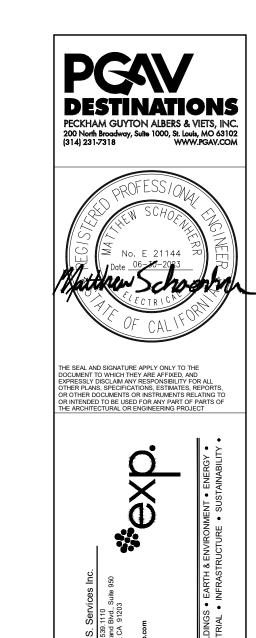
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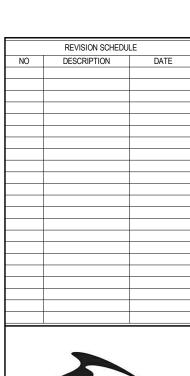




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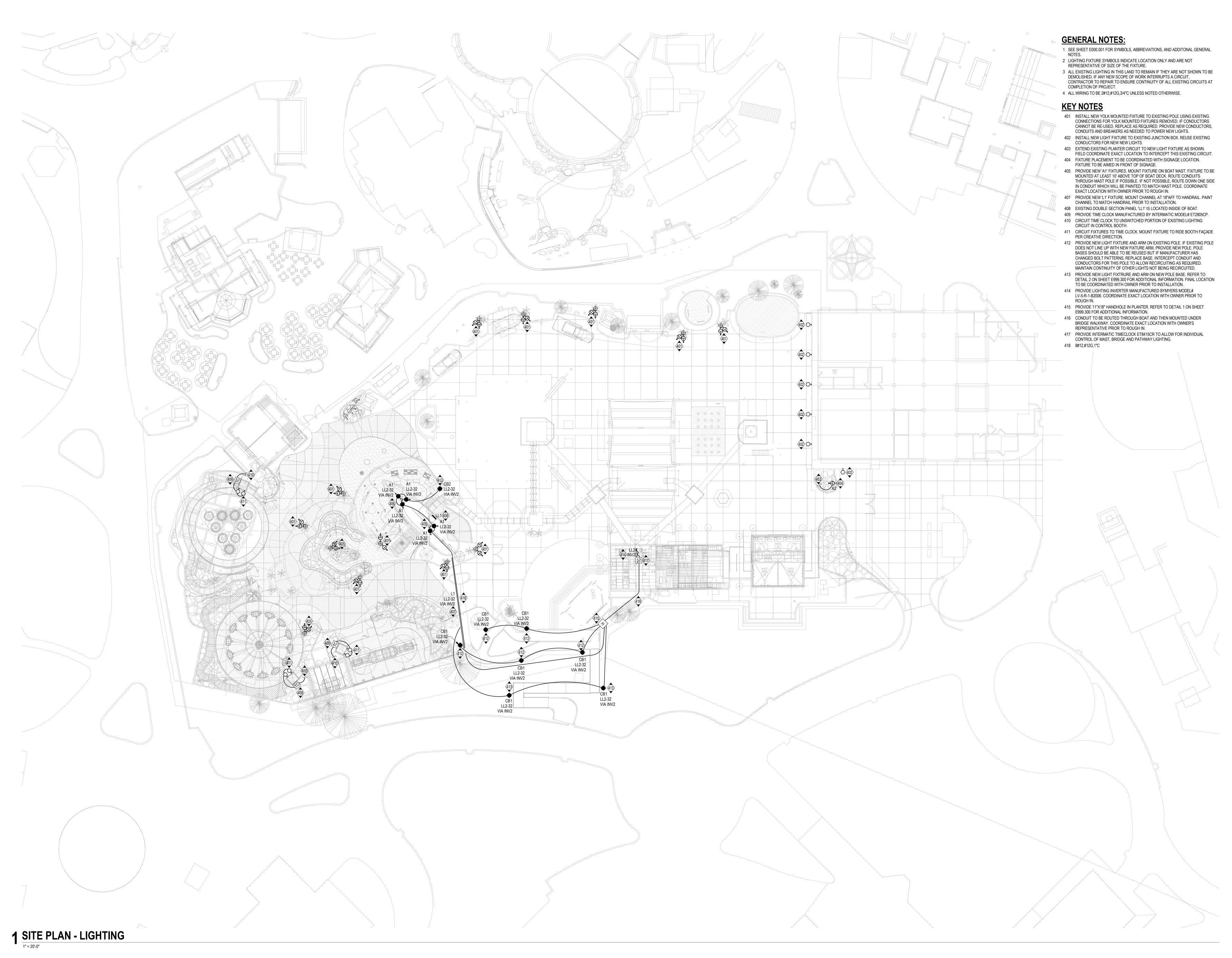
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SITE PLAN - POWER

02/01/23 YWH CK MAS

SHEET NUMBER



PECKHAM GUYTON ALBERS & VIETS, INC. 200 North Broadway, Suite 1000, St. Louis, MO 63102 (314) 231-7318

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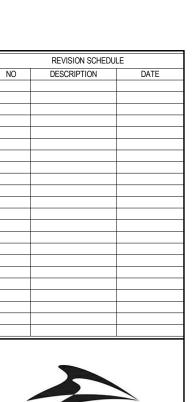
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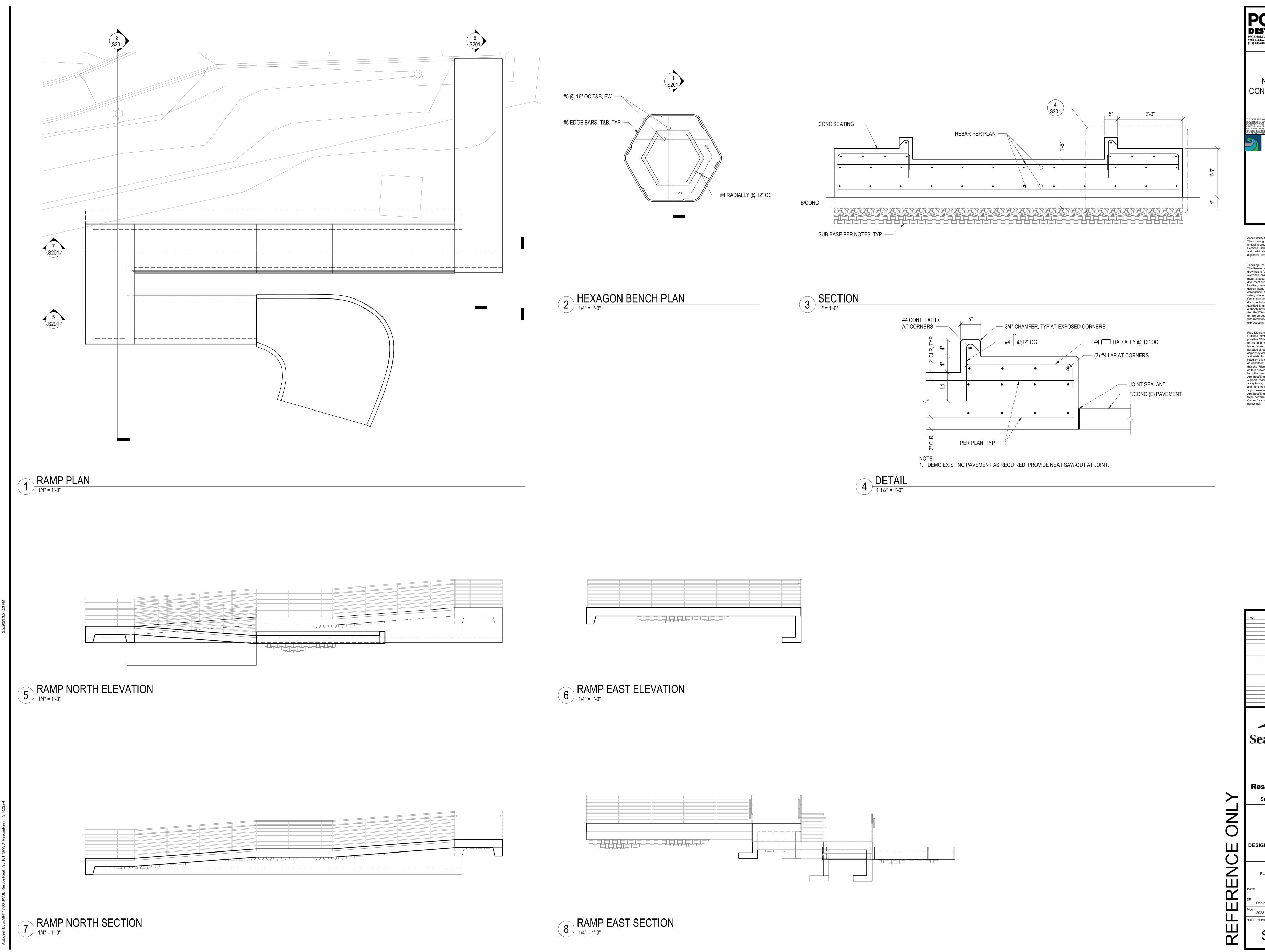
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SITE PLAN - LIGHTING

PGAV CLIENT SFA

E002 212



CONSTRUCTION 1424 Fourth Ave, Suite 415 Seattle, WA 98101 (206) 264-2727 www.mlaengineering.com

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DESIGN DEVELOPMENT

PLANS & SECTIONS

STRUCTURAL GENERAL NOTES

TYPICAL DETAILS AND THESE NOTES SHALL APPLY UNLESS NOTED OTHERWISE ON THE DRAWINGS OR PROJECT SPECIFICATIONS.

USE OF DRAWINGS

<u>JSE OF DRAWINGS AND COORDINATION:</u> USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH SPECIFICATIONS, EXISTING AND OTHER DRAWINGS FOR BIDDING AND CONSTRUCTION. COORDINATE WORK AND VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY BETWEEN TRADES. NOTIFY OWNER'S PROJECT MANAGER OF DISCREPANCIES PRIOR TO CONSTRUCTION.

DRAWING SCALE: NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS - DO NOT SCALE DRAWINGS.

DIMENSION VERIFICATION: DIMENSIONS NOTED PLUS OR MINUS (+/-) INDICATE UN-VERIFIED DIMENSIONS THAT REQUIRE CONFIRMATION OR DETERMINATION BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION. NOTIFY OWNER'S PROJECT MANAGER IMMEDIATELY OF CONFLICTS OR VARIATIONS FROM INDICATED DIMENSIONS.

NOTE CONFLICTS: IF ANY STRUCTURAL NOTES ARE IN CONFLICT WITH OTHER DRAWINGS OR THE SPECIFICATIONS, USE THE MOST STRINGENT REQUIREMENT FOR BIDDING AND CONSTRUCTING THE WORK.

EXISTING CONDITIONS: INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE. BUT WITHOUT GUARANTEE OF ACCURACY.

VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S PROJECT MANAGER. DO NOT

DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S PROJECT MANAGER.

DESIGN AND CONSTRUCTION CRITERIA

GOVERNING BUILDING CODE: DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA EXISTING BUILDING CODE (2019). THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS REFERENCED BY THE BUILDING CODE. IN CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

PRIMARY REFERENCE STANDARDS: (USE VERSION REFERENCED BY GOVERNING CODE. IF NOT REFERENCED BY GOVERNING CODE, USE LATEST EDITION)

MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7

ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS

INTERNATIONAL CODE COUNCIL

ACI 315 GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS

ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

AMERICAN WELDING SOCIETY

MEANS AND METHODS

<u>MEANS AND METHODS:</u> THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION MEANS AND THE METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES REQUIRED FOR SAFELY CONSTRUCTING ALL WORK

<u>IOBSITE SAFETY:</u> THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING A SAFE PLACE TO WORK AND FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE JURISDICTIONS. EXECUTE WORK IN A MANNER THAT PROVIDES FOR THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST INJURY AND DAMAGE DUE TO FALLING DEBRIS AND OTHER HAZARDS IN CONNECTION WITH CONSTRUCTING THE WORK.

SUBMITTALS

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE OWNER'S PROJECT MANAGER AND ENGINEER-OF-RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION. DIMENSION AND QUANTITY VERIFICATION ARE THE CONTRACTOR'S RESPONSIBILITIES AND ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALI REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. IF DEVIATIONS. DISCREPANCIES. OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED. EITHER PRIOR TO OR AFTER THE ENGINEER PROCESSES THE SHOP DRAWING SUBMITTALS, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

REQUIRED SUBMITTALS:

REQUIRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

EPOXY ADHESIVES CONCRETE MIX DESIGN REINFORCING BARS DECORATIVE CONCRETE SURFACE SAMPLE

OTHERS PER SPECIFICATIONS

SUBMITTAL ACCEPTANCE: FOLLOWING ACCEPTANCE BY THE OWNER'S PROJECT MANAGER AND ENGINEER AND PRIOR TO FABRICATION, ADDITIONAL TIME FOR REVIEW AND ACCEPTANCE OF SUBMITTAL BY THE BUILDING OFFICIAL IS REQUIRED AND SHALL BE IDENTIFIED AND ALLOWED FOR IN THE CONTRACTOR'S SCHEDULE.

SUBSTITUTIONS: SUBMIT SUBSTITUTION REQUESTS PER THE PROCEDURES IN THE SPECIFICATIONS WITH APPLICABLE ICC REPORTS TO THE OWNER'S PROJECT MANAGER AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DETAILING, FABRICATION AND ERECTION. ADDITIONAL ENGINEERING CALCULATIONS AND DETAILS, PROVIDED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT SITE STATE, MAY BE REQUIRED OF THE CONTRACTOR FOR SUBSTITUTIONS THAT ARE NOT SIMILAR TO THE SPECIFIED PRODUCTS AND CONFIGURATION.

CONCRETE

REFERENCE STANDARDS: (USE VERSION REFERENCED BY GOVERNING CODE. IF NOT REFERENCED BY GOVERNING CODE, USE LATEST EDITION)

ACI 318 AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

ACI 350 AMERICAN CONCRETE INSTITUTE, CODE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURE

AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE - REINFORCING STEEL, AWS D1.4

REINFORCING STEEL MATERIALS:

DEFORMED BARS ASTM A615, GRADE 60

REINFORCING STEEL DETAILING: REINFORCING STEEL SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 -DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.

CONCRETE PROTECTION: COVER FOR REINFORCING STEEL SHALL BE 2 1/2" AT ALL CONCRETE FACES, UON.

ADHESIVE ANCHORS AND EPOXIED REINFORCING BARS: PLACEMENT AND CURING SHALL BE CONDUCTED WITH CONCRETE AND AIR TEMPERATURES ABOVE 50 DEGREES. APPLY EPOXY ONLY TO CLEAN, DRY CONCRETE. PROVIDE POSITIVE PROTECTION SO DOWELS ARE NOT DISTURBED DURING THE CURING PERIOD

STAINLESS STEEL ADHESIVE ANCHORS AND REINFORCING BARS. WHERE CALLED OUT. SHALL BE EPOXIED INTO CONCRETE WITH HILTI HY-200 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-3187. ADHESIVE ANCHOR RODS SHALL BE ASTM F593 TYPE 316 STAINLESS STEEL THREADED RODS, OR APPROVED EQUIVALENT.

STAINLESS STEEL ADHESIVE ANCHORS AND REINFORCING BARS, WHERE CALLED OUT, SHALL BE EPOXIED INTO CONCRETE MASONRY UNITS WITH HILTI HY-270 ADHESIVE, OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ICC REPORT ESR-4143. ADHESIVE ANCHOR RODS SHALL BE ASTM F593 TYPE 316 STAINLESS STEEL THREADED RODS, OR APPROVED EQUIVALENT.

POST-INSTALLED DRILLING: HOLES FOR INSTALLING REINFORCING BARS, BOLTS, THREADED RODS AND INSERTS INTO CONCRETE SHALL BE DRILLED BY THE ICC APPROVED DRILLING METHOD FOR THE ANCHOR. CHIP AWAY A SUFFICIENT QUANTITY OF CONCRETE COVER TO LOCATE EXISTING REINFORCING PRIOR TO DRILLING, DO NOT CUT EXISTING REINFORCING.

CONCRETE MIX DESIGNS							
AREA	MIN F'c (PSI), 28 DAYS	MAX W/C	ENTRAINED AIR	FLY ASH	MAXIMUM AGGREGATE	EXPOSURE CLASS	
ALL CONCRETE	4,000	0.40	-	25-30%	3/4"	W1	

FORMULATE ALL CONCRETE TO HAVE LOW SHRINKAGE, LOW PERMEABILITY, AND A HIGH LEVEL OF CORROSION RESISTANCE THAT WILL PROTECT REBAR AND OTHER EMBEDDED METALS. CORROSION INHIBITOR ADMIXTURE IS REQUIRED WITH DOSAGE AS REQUIRED TO PROVIDE 9.9 lbs/CY CHLORIDE

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS: REFER TO IBC TABLE 1705.3 FOR REQUIRED SPECIAL INSPECTIONS THAT SHALL BE PERFORMED BY A TESTING AGENCY CERTIFIED TO PROVIDE THE REQUIRED INSPECTIONS IN THE STATE OF CALIFORNIA.

IBC TABLI REQUIRED SPECIAL INSPECTIO CONSTRI	NS AND TESTS	OF CONCRET	E			
TYPE	CONTINUOUS SPECIAL	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	APPLICABLE TO PROJECT?	
INSPECT REINFORCING STEEL AND VERIFY PLACEMENT.	-	Х	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4	YES	
REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	-	Х	AWS D1.4			
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND	-	X	ACI 318: 26.6.4	-	NO	
c. INSPECT ALL OTHER WELDS.	X	-				
INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 17.8.2	-	YES	
INSPECTION OF ANCHORS POST INSTALLED IN HARDENED CONCRETE MEMBERS. ^b a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	X -	- X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-	YES	
VERIFYING USE OF REQUIRED DESIGN MIX.	-	Х	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3	YES	
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Х	-	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10	YES	
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Х	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8	YES	
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	Х	ACI 318: 26.5.3 - 26.5.5	1908.9	YES	
INSPECTION OF PRESTRESSED CONCRETE: a. APPLICATION OF PRESTRESSING FORCES; AND b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	-	ACI 318: 26.10	-	NO	
). INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	Χ	ACI 318: 26.8	-	NO	
1. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS.	-	X	ACI 318: 26.11.2	-	YES	
2. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	Х	ACI 318: 26.11.1.2(b)	-	YES	

SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 OF ACI 318 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

fc = 40	00 PSI	SPLICE AN	ND DEVELOPI	MENT LENGTH	S BASED ON	N ACI 318-14		
BAR SIZE	TENSION LAP LENGTH, Ls		TENSION DEV LENGTH, Ld		COMP LAP	COMP DEV LENGTH,	STANDARD HOOK	
		OTHER BARS	TOP BARS	OTHER BARS	LENGTH, Lcs	LENGTH,	LENGTH, Ldh	HOOK
CLASS	В	В		D/ ((C)				
#3	25	20	20	15	12	8	7	6
#4	33	25	25	19	15	9	9	8
#5	40	31	31	24	19	12	12	10
#6	48	38	38	29	23	14	14	12
#7	70	55	55	42	26	17	17	14
#8	81	62	62	48	30	19	19	15
#9	91	70	70	54	34	21	21	19
#10	103	79	79	61	38	24	24	21
#11	113	87	87	67	42	27	27	23

1. USE THE LENGTHS IN THESE SCHEDULES, UNLESS OTHERWISE NOTED. ALL VALUES IN INCHES

- 2. fc = PER GENERAL NOTES $F_V = 60,000 PSI$
- 3. LAP SPLICES SHALL BE 'CLASS B', UNLESS OTHERWISE NOTED ON PLANS. 4. A TOP BAR IS A HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE
- 5. MULTIPLY LENGTHS BY 1.5 IF MIN CENTER-TO-CENTER SPACING < 3x BAR DIAMETERS OR MIN
- CLEAR COVER < 1 BAR DIAMETER. 6. STAGGER ADJACENT LAP SPLICES BY THE GREATER OF 40d OR 24".

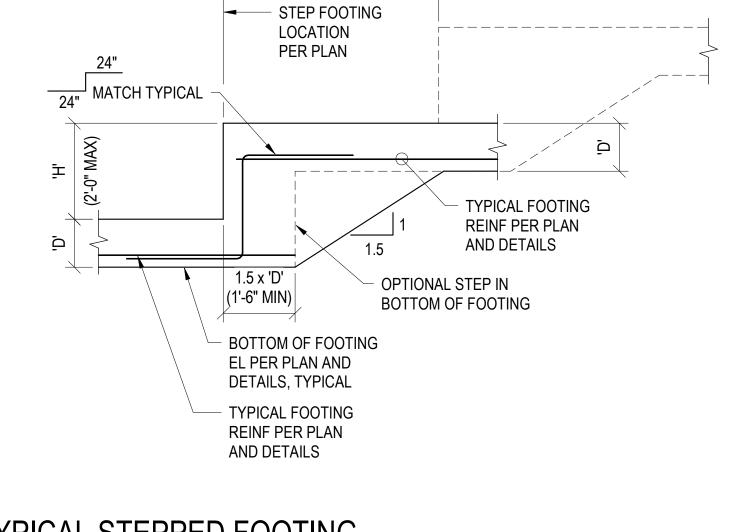
ASSUMPTIONS:

CONCRETE IS NORMAL WEIGHT. REINFORCEMENT IS UNCOATED OR ZINC-COATED (GALVANIZED)

CONFINING REINFORCEMENT DOES NOT EXIST FOR MODIFICATION FACTOR.

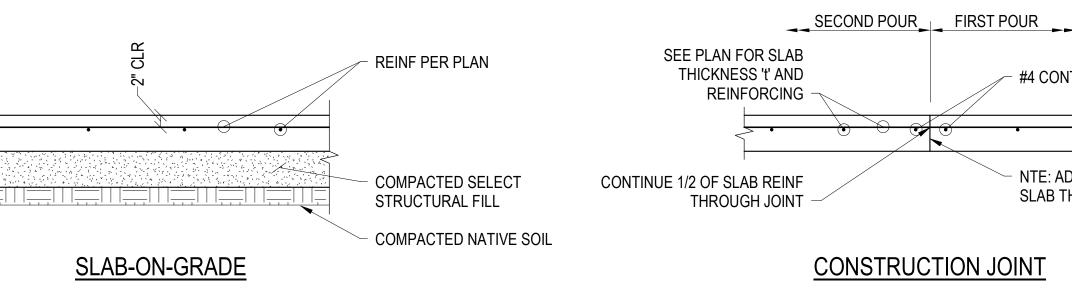
CONCRETE DEVELOPMENT AND SPLICE LENGTH

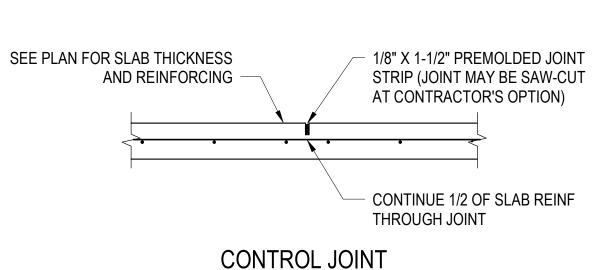
 $^{\prime}$ SCALE: NTS



2H MIN BETWEEN STEPS

2 TYPICAL STEPPED FOOTING SCALE: NTS



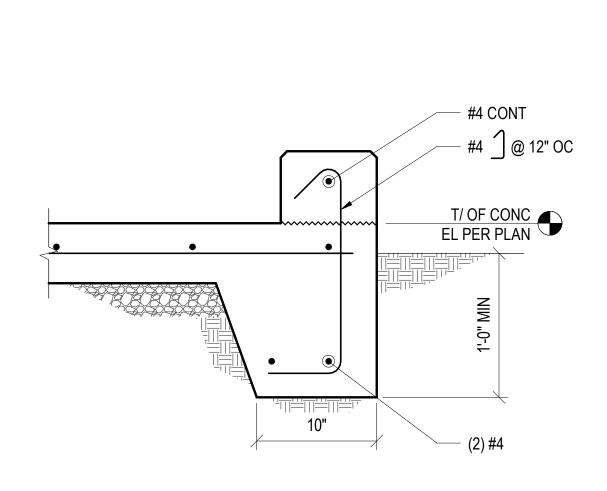


NTE: ADD FORMED KEY WHERE

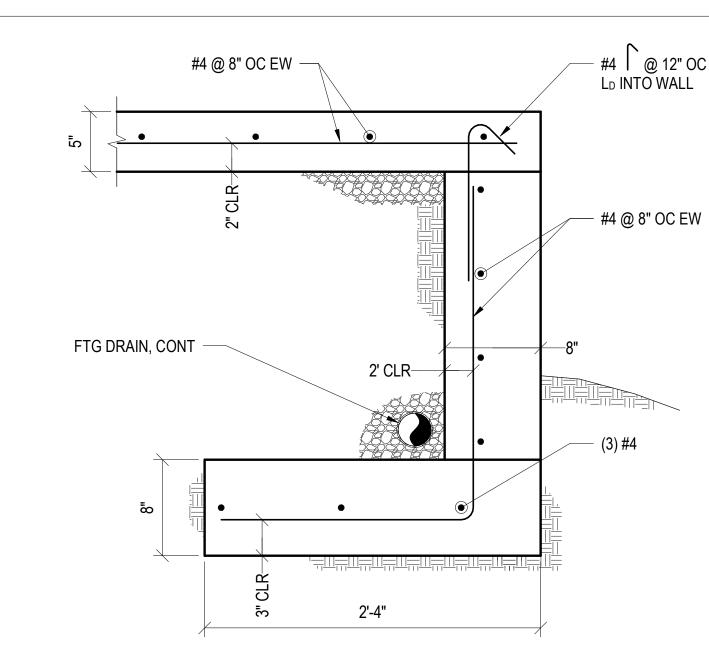
SLAB THICKNESS EXCEEDS 6"

TYPICAL SLAB-ON-GRADE DETAILS

SCALE: NTS

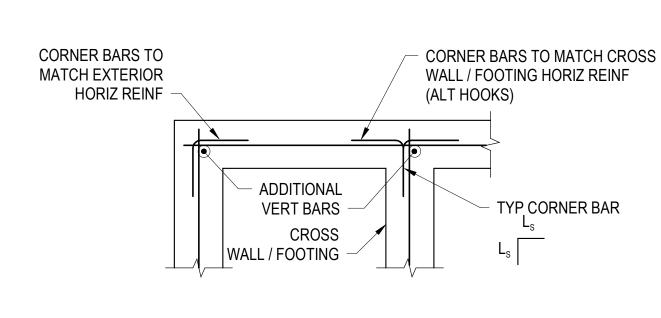


4 TYP TURNED-DOWN SLAB DETAIL
1 1/2" = 1'-0"



TYP RETAINING WALL

1 1/2" = 1' 0" √ 1 1/2" = 1'-0



SINGLE CURTAIN

TYPICAL CONCRETE WALL 6 AND FOOTING CORNER BARS
SCALE: NTS

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CONSTRUCTION

1424 Fourth Ave. Suite 4

www.mlaengineering.con

Seattle, WA 98101 (206) 264-2727

DESCRIPTION SeaWorld

> Rescue Junior San Diego, CA

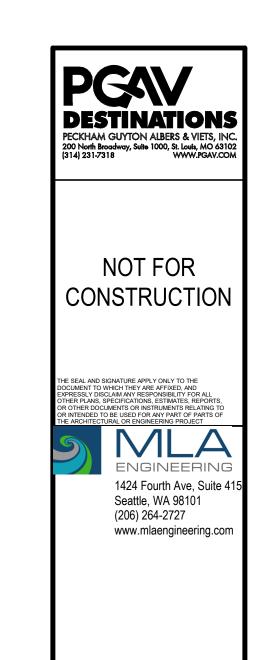
DESIGN DEVELOPMENT

GENERAL STRUCTURAL

2023.101 ET NUMBER

S010





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REVISION SCHEDULE

NO DESCRIPTION DATE

SeaWorld SAN DIEGO

Rescue Junio
San Diego, CA

DESIGN DEVELOPMENT

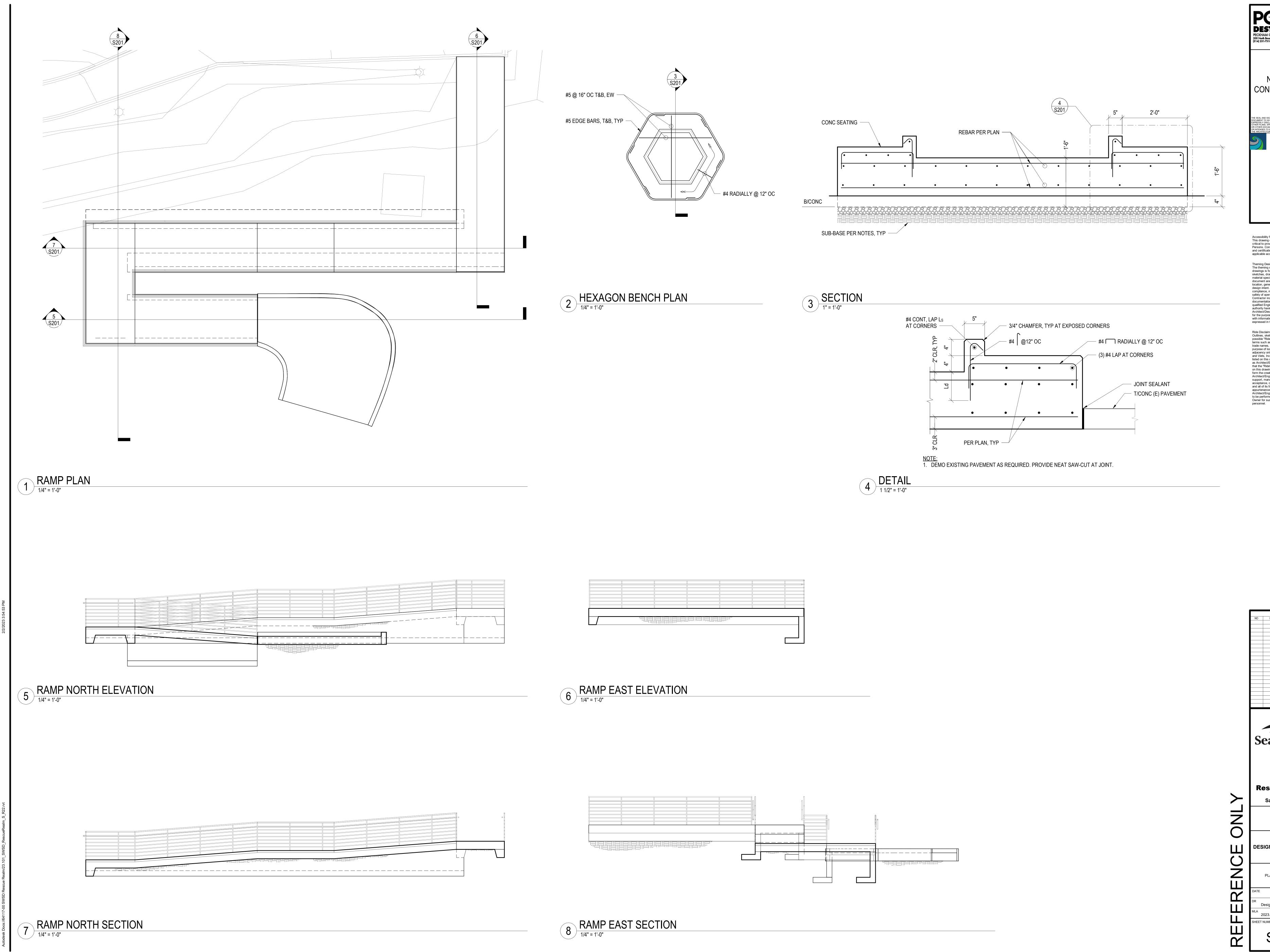
SITE PLAN

DATE 01/16/23

DR Designer CK Checker

MLA COSTA ANA CLIENT

S10′



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SeaWorld.
SAN DIEGO

Rescue Junior

San Diego, CA

DESIGN DEVELOPMENT

PLANS & SECTIONS