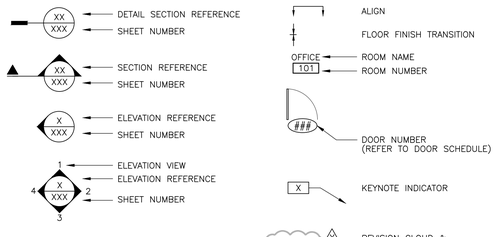
DISTRIBUTION FACILITY (TRUCK PARTS)
16454 ADELANTO ROAD

ABBREVIATIONS

&	And
@	At
℄	Centerline
#	Pound or Number
(E)	Existing
(N)	New
(R)	Relocated
BD.	Board
BLDG.	Building
BLK.	Block
BLKG.	Blocking
BM.	Beam
B.O.M.	Bottom of Mullion
CAB.	Cabinet
C.B.	Catch Basin
CEM.	Cement
CER.	Ceramic
CLG.	Ceiling
CLR.	Clear
C.O.	Cased Opening
COL.	Column
C.O.M.	Center of Mullion
CONC.	Concrete
CONN.	Connection
CONSTR.	Construction
CONT.	Continuous
CORR.	Corridor
CTR.	Center
DBL.	Double
DEPT.	Department
D.F.	Drinking Fountain
DET.	Detail
DIA.	Diameter
DIM.	Dimension
DISP.	Dispenser
DN.	Down
D.O.	Door Opening
DR.	Door
DS.	Downspout
D.S.P.	Dry Standpipe
DWG	Drawing
E.	East
EA.	Each
EL.	Elevation
ELEC.	Electrical
ELEV.	Elevator
EMER.	Emergency
ENCL.	Enclosure
E.P.	Electrical Panelboard
EQ.	Equal
EQPT.	Equipment
E.W.C.	Electric Water Cooler
EXP.	Expansion
EXT.	Exterior
F.A.	Fire Alarm
F.D.	Floor Drain
FDN.	Foundation
F.E.	Fire Extinguisher
F.E.C.	Fire Extinguisher Cab
FL.	Floor
FLUOR.	Fluorescent
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.M.	Face of Mullion
F.O.S.	Face of Stud
FT.	Foot or Feet
FTG.	Footing
FURR.	Furring
GA.	Gauge
GALV.	Galvanized
G.B.	Grab Bar
GL.	Glass
GND.	Ground
GR.	Grade
GYP.	Gypsum
H.B.	Hose Bibb
H.C.	Hollow Core
HDWD.	Hardwood
HDWE.	Hardware
HM	Hollow Metal
HORIZ.	Horizontal
HR.	Hour
HT.	Height
I.D.	Inside Diameter (Dim.)
INSUL.	Insulation
INT.	Interior
JAN.	Janitor
JT.	Joint
LAB.	Laboratory
LAM.	Laminate
LAV.	Lavatory
LCKR.	Locker
LT.	Light
MAX.	Maximum
MECH.	Mechanical
MEMB.	Membrane
MFGR.	Manufacturer
MIN.	Minimum
MISC.	Miscellaneous
N.	North
N.I.C.	Not In Contract
NO.	Number
N.T.S.	Not To Scale
O.C.	On Center
O.D.	Outside Diameter (Dim.)
OFF.	Office
OPP.	Opposite
PL.	Plate
P.LAM.	Plastic Laminate
PLYWD.	Plywood
PR.	Pair
PT.	Point
P.J.	Panel Joint
RAD.	Radius
R.D.	Roof Drain
REF.	Reference
REINF.	Reinforced
REQ.	Required
RM.	Room
R.O.	Rough Opening
S.	South
S.C.	Solid Core
SCHED.	Schedule
S.D.	Soap Dispenser
SECT.	Section
SHT.	Sheet
SIM.	Similar
SPEC.	Specification
SQ.	Square
SS.	Stainless Steel
STD.	Standard
STL.	Steel
STOR.	Storage
STRL.	Structural
SUSP.	Suspended
TRD.	Tread
T.C.	Top of Curb
TEL.	Telephone
THK.	Thick
T.O.C.	Top of Concrete
T.O.P.	Top of Panel
T.O.R.	Top of Reveal
T.O.RC.	Top of Deep Recess
T.O.M.	Top of Mullion
T.O.W.	Top of Wall
T.V.	Television
T.W.	Top of Wall
TYP.	Typical
UNF.	Unfinished
U.O.N.	Unless Otherwise Noted
VERT.	Vertical
W.	West
W/	With
W.C.	Water Closet
WD.	Wood
W/O	Without
WP	Waterproof
WT.	Weight

SYMBOLS LEGEND



PROJECT TEAM

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16454 ADELANTO ROAD
CITY OF ADELANTO, CA. 92301

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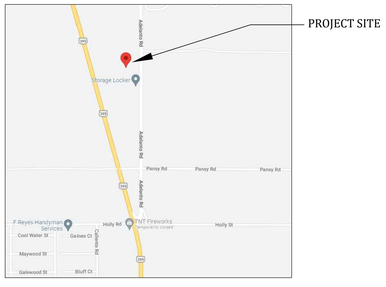
VICINITY MAP



PROJECT DATA

BUILDING DEPARTMENT: CITY OF ADELANTO

BUILDING CODES: 2019 CALIFORNIA BUILDING CODE WITH CITY OF ADELANTO AMENDMENTS; 2019 CALIFORNIA ELECTRICAL CODE; 2019 CALIFORNIA MECHANICAL CODE; 2019 CALIFORNIA PLUMBING CODE; 2019 CALIFORNIA FIRE CODE; 2019 CALIFORNIA GREEN BUILDING CODE; TITLE 24 (ADA) CALIFORNIA ADMINISTRATIVE CODE; 2019 TITLE 24 ENERGY STANDARDS

PROJECT ADDRESS: 16454 ADELANTO ROAD, CITY OF ADELANTO, 92301

ASSESORS PARCEL NUMBER: 3128–231–04–0000

ZONING: LM (LIGHT MANUFACTURING)

PROPOSED ZONING: LM (LIGHT MANUFACTURING)

LAND USE: DISTRIBUTION FACILITY / OFFICE

LAND AREA: (GROSS) 142,970 SF. = 3.28 ACRES

NET LAND AREA: (NET) 132,400 SF. = 3.03 ACRES

LANDSCAPE AREA: 13,317 SF. = 10.05%

BUILDING SQ. FT. :

MAIN BUILDING	46,682 SF.
GUARD HOUSE	60 SF.
TOTAL BUILDING SF.	46,742 SF

LOT COVERAGE: 35.30%

BUILDING HT.: 36'–10"

OCCUPANCY CLASSIFICATION: S2 / B

OCCUPANCY SEPARATION: NO

TYPE OF CONSTRUCTION: V–B

SPRINKLERED: FULLY SPRINKLERED (NFPA 13 SPRINKLER SYSTEM) 1

RATED CORRIDORS: NO

NUMBER OF STORIES: 1–STORY

PROJECT SCOPE: NEW SINGLE STORY TRUCK PART DISTRIBUTION FACILITY WITH 18 DOCK BAYS, 2 GRADE LEVEL BAYS, A 2,747 OFFICE AREA, TRASH ENCLOSURE, GUARDHOUSE, FENCING AND GATES. 1

ALLOWABLE BUILDING AREA

NON–SEPARATED OCCUPANCIES – FULLY SPRINKLERED

S2 OCCUPANCY – S1 = 54.000 SF. > 46,682 SF. = OK

INCIDENTAL USE PER SECTION 509, 10% MAX OF BUILDING AREA = 4,668 SF. MAX.

INCIDENTAL USE – B OCCUPANCY / OFFICE = 2,747 SF. < 4,668 SF. = OK

SHEET INDEX

DEFERRED SUBMITTAL:

DEFERRED SUBMITTALS THAT ARE NOT SUBMITTED AT THE TIME OF THE APPLICATION MUST HAVE THE PRIOR APPROVAL OF THE BUILDING OFFICIAL. DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE REVIEWED BY THE DESIGN PROFESSIONAL/CONTRACTOR IN RESPONSIBLE CHARGE BEFORE SUBMITTAL TO THE BUILDING OFFICIAL. THE CONSULTANT/SUB–CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THEIR PLANS AND OBTAINING A PERMIT BEFORE WORK COMMENCES. ITEMS FOR DEFERRED SUBMITTAL FOR THIS PROJECT ARE AS FOLLOWS:

1. FIRE ALARMS
2. FIRE SPRINKLERS
3. ROOF SOLAR SYSTEM 1

JURISDICTION APPROVAL PRIOR TO PERMIT

1. SOUTH COAST AQMD NOTIFICATION PRIOR TO DEMOLITION
2. COUNTY OF SAN BERNARDINO FIRE PREVENTION BUREAU
3. CITY OF ADELANTO PUBLIC WORKS: NEW DRIVEWAY APPROACH

PRIMIOR
750 N. Diamond Bar Blvd., Suite 101
Diamond Bar, CA 91765
800.735.9973 | www.primior.com

CHARLES NOLAN MINYARD
C-33826
3/1/2023
GENERAL CLASS

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

TITLE SHEET

	DATE:	REMARKS
	05/13/2022	PLANNING SUBMITTAL
	11/11/2022	FIRE / PLANNING DEPARTMENT SUBMITTAL
	12/29/2022	1ST PLAN CHECK SUBMITTAL
1	05/16/2023	2ND PLAN CHECK SUBMITTAL
2	07/14/2023	3RD PLAN CHECK SUBMITTAL
3	08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY:

SHEET NUMBER: T1.0

FIRE DEPT. NOTES CONT.

SAN BERNARDINO COUNTY FIRE

"Duty, Honor, Community"

"To protect the community by preventing fire and other hazardous conditions through education and enforcement of life safety codes"

CONFIDENTIALITY NOTICE: This communication contains legal privileged and confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

From: Markloff, Curtis <CMarkloff@SBCFire.org>
Sent: Tuesday, February 14, 2023 12:50 PM
To: Chuck Minyard <Chuck@primior.com>
Cc: Von Oesen, Karl <KVonOesen@SBCFire.org>
Subject: RE: SBCo Fire Department - Project Condition Letter for FPLN-2022-00205

Dang you guys are moving quick on this project, had no idea you had already submitted plans!

Not a problem with the drive aisles, they will be approved how you have shown and what we previously agreed to. Please disregard those corrections on the previous plan review and just correct the couple of others.

I have CCD Karl on this message so you have his information and that he sees what we have agreed to.

If you need anything else, do not hesitate to reach out!

Curtis Markloff
Assistant Fire Marshal
Planning and Engineering Office
San Bernardino County Fire Protection District
909-918-2201

From: Chuck Minyard <Chuck@primior.com>
Sent: Tuesday, February 14, 2023 12:40 PM
To: Markloff, Curtis <CMarkloff@SBCFire.org>
Subject: RE: SBCo Fire Department - Project Condition Letter for FPLN-2022-00205

Hi Curtis,

Sorry to bother you with this.

We received Fire Department comments from Karl and one of his comments was regarding the drive aisle needing to be 30'-0" all the way through. See attached site Marked-up site plan. His comments are in Yellow, mine are in Blue.

1. The office portion of the building, closest to Adelanto is 18'-0" in Height and the rest of the building is over 30' in height. I thought that the 30'-0" drive aisle, now 29'-6" drive aisle, based on your email response just below, would need to occur just where the building exceeds 30'-0" in height. Please confirm.
2. If this is acceptable, could you reach out to Karl or do you have Karl's email you could send to me? The phone number given was for the front counter and have not received a return call as of yet.

Thank you

Charles 'Chuck' Minyard
Managing Director, Architecture

O: (800) 735- 9973 **M:** (714) 323-9955
A: 750 N Diamond Bar Blvd, Ste 188, Diamond Bar,CA 91765

From: Markloff, Curtis <CMarkloff@SBCFire.org>
Sent: Monday, December 12, 2022 2:14 PM
To: Chuck Minyard <Chuck@primior.com>; jhirsch@ci.adelanto.ca.us
Subject: RE: SBCo Fire Department - Project Condition Letter for FPLN-2022-00205

Reducing the access road by 6" to keep the storm water people happy isn't going to hurt us any, thanks for reaching out and checking!

Curtis Markloff
Assistant Fire Marshal
Planning and Engineering Office
San Bernardino County Fire Protection District
909-918-2201

From: Chuck Minyard <Chuck@primior.com>
Sent: Monday, December 12, 2022 2:09 PM
To: Markloff, Curtis <CMarkloff@SBCFire.org>; jhirsch@ci.adelanto.ca.us
Subject: RE: SBCo Fire Department - Project Condition Letter for FPLN-2022-00205

Curtis,

Attached you will find the approved fire plan for our project in Adelanto. Our question is – could we add a 6" high concrete curb to the north property line? We are working with our Civil Engineer in trying to do the following.
1. There is an existing concrete drainage swale north of our property that was used to capture all the water from our site and flow east toward Adelanto Road and . We need to keep our storm water on our site and not have to drain to the existing swale.
2. Soften the slope along the drive aisle.

Thank you

Charles "Chuck" Minyard
Director of Architecture

O: (800) 735- 9973 Ext. 105 **M:** (714) 323-9955
A: 750 N Diamond Bar Blvd, Ste 188, Diamond Bar,CA 91765

From: Markloff, Curtis <CMarkloff@SBCFire.org>
Sent: Monday, November 14, 2022 2:10 PM
To: Chuck Minyard <Chuck.Minyard@primior.com>; jhirsch@ci.adelanto.ca.us
Subject: RE: SBCo Fire Department - Project Condition Letter for FPLN-2022-00205

You should be good to go now, provide a copy of the stamped site plan and condition letter to the City so they can take it to Planning Commision.

Curtis Markloff
Assistant Fire Marshal
Planning and Engineering Office
San Bernardino County Fire Protection District
909-918-2201

From: Chuck Minyard <Chuck.Minyard@primior.com>
Sent: Monday, November 14, 2022 2:08 PM
To: Markloff, Curtis <CMarkloff@SBCFire.org>; jhirsch@ci.adelanto.ca.us
Subject: RE: SBCo Fire Department - Project Condition Letter for FPLN-2022-00205

Hi Curtis, Jim,

Thank you very much

Charles "Chuck" Minyard
Director of Architecture

O: (800) 735- 9973 Ext. 105 **M:** (714) 323-9955
A: 750 N Diamond Bar Blvd, Ste 188, Diamond Bar,CA 91765

FIRE DEPT. NOTES CONT.

INSPECTIONS

1. FINAL INSPECTION REQUIRED. PLEASE SCHEDULE ALL FIELD INSPECTIONS AT LEAST 48 HOURS IN ADVANCE. INSPECTIONS CANCELED AFTER 1 P.M. ON THE DAY BEFORE THE SCHEDULED DATE WILL BE SUBJECT TO A REINSPECTION FEE. PHASING OF INSPECTIONS MAY REQUIRE ADDITIONAL FEES, ALSO. CALL FOR INSPECTION SCHEDULING AT XXX-XXX-XXXX
2. BUILDINGS UNDER CONSTRUCTION OR DEMOLITION SHALL CONFORM TO CFC CHAPTER 14. NO SMOKING OR COOKING IS ALLOWED IN STRUCTURES WHERE COMBUSTIBLE MATERIALS ARE EXPOSED OR WITHIN 25'-0" OF COMBUSTIBLE MATERIALS STORAGE AREAS. CUTTING, WELDING, OR OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 26.
3. IN BUILDINGS FOUR OR MORE STORIES IN HEIGHT, STANDPIPES SHALL BE PROVIDED DURING CONSTRUCTION WHEN THE HEIGHT REACHES 40'-0" ABOVE THE LOWEST POINT OF FIRE DEPARTMENT ACCESS. A FIRE DEPARTMENT CONNECTION SHALL BE NO MORE THAN 100'-0" FROM AVAILABLE FIRE DEPARTMENT VEHICLE ACCESS ROADWAYS. A HYDRANT SHALL BE LOCATED ALONG THE ACCESS ROADWAY WITHIN 150'-0" OF THE LOCATION(S) THAT THE FDC CAN BE ACCESSED FROM. CFC 1413
4. ADDRESS NUMBERS SHALL BE PROVIDED FOR ALL NEW AND EXISTING BUILDINGS, BE A MINIMUM 0'-6" HIGH, CONTRAST WITH THEIR BACKGROUND, AND BE PLAINLY VISIBLE FROM THE ROADWAY THE BUILDING IS ADDRESSED ON. TEMPORARY ADDRESS NUMBERS SHALL BE PROVIDED ON CONSTRUCTION FENCING OR THE BUILDING UNTIL PERMANENT NUMBERS CAN BE PROVIDED. CBC 501.2, CFC 505
5. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH CFC 906 AND CCR TITLE 19. AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED DURING CONSTRUCTION ON EACH FLOOR AT EACH STAIRWAY, IN EACH STORAGE AND CONSTRUCTION SHED, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, OR WHERE SIMILAR HAZARDS ARE PRESENT PER CFC 1415.1. BEFORE FINAL OCCUPANCY, AT LEAST ONE 2A:10B:C EXTINGUISHER SHALL BE PROVIDED SO THAT NO POINT IS MORE THAN 75'-0" TRAVEL DISTANCE FROM THE EXTINGUISHER. EXTINGUISHERS SHALL BE LOCATED ALONG THE PATH OF EGRESS TRAVEL AND IN A READILY VISIBLE AND ACCESSIBLE LOCATION, WITH THE BOTTOM OF THE EXTINGUISHER AT LEAST 0'-4" ABOVE THE FLOOR. ADDITIONAL EXTINGUISHERS MAY BE REQUIRED BY THE FIRE DEPT. DEPENDING ON PROJECT OR SITE CONDITIONS AND FINAL PLACEMENT IS SUBJECT TO THEIR APPROVAL.
6. WALL, FLOOR AND CEILING FINISHES AND MATERIALS SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.3. DECORATIVE MATERIALS SHALL BE PROPERLY TREATED BY A PRODUCT OR PROCESS APPROVED BY THE STATE FIRE MARSHAL WITH APPROPRIATE DOCUMENTATION PROVIDED TO THE FIRE. DEPT.. SUCH ITEMS SHALL BE APPROVED AND INSPECTED BY THE FIRE DEPT. PRIOR TO INSTALLATION.
7. KNOX BOXES/KEY CABINETS SHALL BE PROVIDED FOR ALL HIGH-RISE BUILDINGS, POOL ENCLOSURES, GATES IN THE PATH OF FIREFIGHTER TRAVEL TO STRUCTURES, SECURED PARKING LEVELS, DOORS GIVING ACCESS TO ALARM PANELS AND/OR ANNUNCIATORS, AND ANY OTHER STRUCTURES OR AREAS WHERE IMMEDIATE ACCESS IS REQUIRED OR IS UNDULY DIFFICULT. AN FIRE DEPT. INSPECTOR CAN ASSIST WITH LOCKING GATE KEYS IN KNOX BOXES, CONTACT YOUR LOCAL FIRE STATION TO ARRANGE AN APPOINTMENT TO SECURE MASTER BUILDING KEYS IN THE KNOX BOX.
8. APPROVAL OF THESE PLANS SHALL NOT PERMIT THE VIOLATION OF ANY CODE OR LAW. REQUIREMENTS OR FEATURES NOT IDENTIFIED ON THE PLAN MAY APPLY AND FIRE DEPT. INSPECTORS MAY REQUIRE ADDITIONAL INFORMATION OR ITEMS FROM THOSE SHOWN ON THE PLAN DEPENDING ON ACTUAL OR ANTICIPATED FIELD CONDITIONS. SUCH CHANGES MAY NECESSITATE SUBMITTAL OF REVISED OR AS-BUILT PLANS TO THE FIRE DEPT. AND THE CITY/COUNTY WHERE THE PROJECT IS LOCATED.

ADDITIONAL GENERAL REQUIREMENTS

1. THE PROJECT SHALL COMPLY WITH 2010 CALIFORNIA BUILDING CODE, 2010 CALIFORNIA FIRE CODE, AND OTHER CURRENTLY ADOPTED CODES, STANDARDS, REGULATIONS AND REQUIREMENTS AS ENFORCED BY THE FIRE DEPT.
2. DUMPSTERS AND TRASH CONTAINERS EXCEEDING 1.5 CUBIC YARDS SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5'-0" 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'-0" FROM OTHER STRUCTURES. CONTAINERS LARGER THAN ONE (1) CUBIC YARD SHALL BE OF NON- OR LIMITED-COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED. CFC 304.3
3. EXIT, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL.
4. THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN AISLES.
5. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. DOORS SHALL NOT BE PROVIDED WITH THUMB-TURN LOCKS OR DEADBOLTS THAT DO NOT UNLATCH IN TANDEM WITH THE NORMAL OPERATING LEVER. THE OPENING FORCE FOR INTERIOR DOORS WITHOUT CLOSERS SHALL NOT EXCEED (5) POUNDS. THE UNLATCHING AND OPENING FORCE FOR OTHER DOORS, INCLUDING FIRE DOORS, SHALL NOT EXCEED (15) POUNDS. CBC 1008.
6. THE EXIT PATH SHALL BE CLEARLY IDENTIFIED WITH EXIT SIGNS CONFORMING TO CBC 1011. STAIRS SERVING 4+ STORIES SHALL HAVE STAIRWELL SIGNS CONFORMING TO CBC 1022.8. ILLUMINATED EXIT SIGNS MUST HAVE 90-MINUTE EMERGENCY POWER BACK-UP. TACTILE SIGNS SHALL BE PROVIDED IN COMMERCIAL BUILDINGS, PUBLIC BUILDINGS AND ACCOMMODATIONS, AND PUBLICLY FUNDED HOUSING SUBJECT TO CBC CHAPTER 11B AND SHALL CONFORM TO 1117B.5.1, BE LOCATED 5'-0" ABOVE FINISH FLOOR LEVEL AND, WHENEVER POSSIBLE, ON THE STRIKE SIDE OF THE DOOR. LETTERING SHALL BE BETWEEN 0-5/8" AND 0'-2" HIGH. CBC 1011.3
7. THE EXIT PATH SHALL BE ILLUMINATED AT ALL TIMES IN ACCORDANCE WITH CBC 1006. EMERGENCY LIGHTING SHALL BE PROVIDED WITH 90-MINUTE BACKUP.
8. RATED ASSEMBLIES SHALL CONFORM TO APPROVED METHODS AND MATERIALS OF CONSTRUCTION. PENETRATIONS THROUGH RATED WALLS, CEILINGS, OR FLOORS SHALL BE PROTECTED IN AN APPROVED MANNER COMPLYING WITH CBC/CFC CHAPTER 7.
9. RATED DOORS SHALL BE SELF-CLOSING AND LATCHING? SUCH DOORS SHALL NOT BE EQUIPPED WITH DOOR STOPS OR OTHERWISE PROPPED OPEN. RATED DOORS SHALL BE EQUIPPED WITH RATED HARDWARE. CFC 703

EXTINGUISHING SYSTEMS:

1. AN AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT THE BUILDING IN COMPLIANCE WITH 2010 NFPA 13 (13-R) AND CFC 903. REVIEW AND APPROVAL OF A SPRINKLER PLAN IS REQUIRED PRIOR TO INSTALLATION OR MODIFICATION.
2. AN AUTOMATIC EXTINGUISHING SYSTEM SHALL BE PROVIDED TO PROTECT COMMERCIAL-TYPE FOOD HEATING EQUIPMENT THAT PRODUCES GREASE-LADEN VAPORS AND SHALL COMPLY WITH 2010 CFC AND CMC AND NFPA 17A. REVIEW AND APPROVAL OF A HOOD AND DUCT EXTINGUISHING SYSTEM PLAN IS REQUIRED PRIOR TO INSTALLATION OR USE OF COOKING EQUIPMENT.
3. MODIFICATION TO FIRE SPRINKLER SYSTEMS SHALL COMPLY WITH 2010 NFPA 13 (13-R) AND CFC 903. A SEPARATE PLAN SUBMITTAL IS REQUIRED.
4. WHEN FIRE SPRINKLER SYSTEMS ARE REQUIRED IN BUILDINGS OF UNDETERMINED USE OTHER THAN WAREHOUSES, THEY SHALL BE DESIGNED AND INSTALLED TO HAVE A FIRE SPRINKLER DENSITY OF NOT LESS THAN THAT REQUIRED FOR AN ORDINARY HAZARD (GROUP 2) USE, WITH A MINIMUM DESIGN AREA OF 3,000 SQUARE FEET (279 M^2). WAREHOUSE FIRE SPRINKLER SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH SECTION 16.2.2 OF THE 2010 NFPA 13. WHERE A SUBSEQUENT OCCUPANCY REQUIRES A SYSTEM WITH GREATER CAPABILITY, IT SHALL BE THE RESPONSIBILITY OF THE OCCUPANT TO UPGRADE THE SYSTEM TO THE REQUIRED DENSITY.

DOOR NOTES

1. VERIFY THAT ALL DOORS AND DOOR HARDWARE MEET THE REQUIREMENTS OF ALL GOVERNING CODES & STANDARDS. NOTIFY THE ARCHITECT IMMEDIATELY IN CASE OF DISCREPANCY.
2. FIELD MEASURE, AS REQUIRED, ALL DOORS PRIOR TO FABRICATION.
3. PROVIDE A SIGN ON OR NEAR THE MAIN EXIT DOOR READING: "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS".
4. LATCHING AND LOCKING DOORS THAT ARE HAND OPERATED SHALL BE OPERABLE WITH A SINGLE EFFORT WITHOUT REQUIRING THE ABILITY TO GRASP THE HARDWARE (LEVER OR PUSH TYPE). VERIFY CONDITION AT EXISTING DOORS.
5. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING PER THE REQUIREMENTS OF THE ADA:
   - INTERIOR DOORS – 5 POUNDS
   - EXTERIOR DOORS – 5 POUNDS
   - FIRE DOORS – 15 POUNDS
6. RATED DOORS SHALL COMPLY WITH REQUIREMENTS OF ALL GOVERNING CODES & STANDARDS.
7. ALL HARDWARE TO BE LEVER-TYPE PER STATE OF ALL GOVERNING CODES & STANDARDS AND THE ADA.
8. OPENING HARDWARE IS TO BE CENTERED BETWEEN 34" AND 48" ABOVE FINISH FLOOR. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND MATCH NEW.
9. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
10. PROVIDE WEATHER SEALS ON ALL EXTERIOR DOORS PER ANSI STANDARDS.
11. CONTRACTOR IS RESPONSIBLE TO COORDINATE & VERIFY ALL DOOR FRAME THROAT THICKNESS' FOR EACH LOCATION.
12. ALL DOOR FRAMES TO BE FACTORY FINISHED.
13. ALL DOOR STOPS TO HAVE BACKING IN THE WALL BEHIND.
14. MAXIMUM UNDERCUT OF ALL DOORS NOT IN A RATED CORRIDOR SHALL NOT EXCEED 0-1/2" ABOVE FINISH FLOOR SURFACE.
15. CONTRACTOR SHALL REFINISH ANY BLEMISHED DOOR OR REPLACE SAID DOOR IF NOT ABLE TO REFINISH TO "AS NEW" CONDITION.
16. OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 715 AS REQUIRED FOR FIRE BARRIERS. DOORS SHALL BE SELF- OR AUTOMATIC-CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH SECTION 715.4.8.3. C.B.C. 708.7
17. AUTOMATIC-CLOSING DOORS INSTALLED IN THE FOLLOWING LOCATION SHALL BE AUTOMATIC CLOSING BY THE ACTUATION OF SMOKE DETECTORS INSTALLED IN ACCORDANCE WITH SECTION 907.3 OR BY LOSS OF POWER TO THE SMOKE DETECTOR OR HOLD-OPEN DEVICE. DOOR THAT ARE AUTOMATIC-CLOSING BY SMOKE DETECTION SHALL NOT HAVE MORE THAN A 10 SECOND DELAY BEFORE THE DOOR STARTS TO CLOSE AFTER THE SMOKE DETECTOR IS ACTUATED.

GENERAL PROJECT NOTES

GENERAL NOTES:

1. THIS PROJECT AND ALL WORK ASSOCIATED WITH PROJECT SHALL CONFORM TO STATE AND LOCAL CODES AND ORDINANCES HAVING JURISDICTION OVER THIS PROJECT.
2. THE TERM "ARCHITECT" OR "DESIGNER" AS USED IN THESE DOCUMENTS REFERS TO CHARLES MINYARD AND ASSOCIATES
3. THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OF PROCEDURE, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, ALL OF WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. THE DESIGN ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. DURING DEMOLITION AND/OR CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND HAS NOT BEEN CONSIDERED BY THE STRUCTURAL ENGINEER OR ARCHITECT.
5. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OF PLANS FOR BID PURPOSES PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT.
6. ALL WORK NOTED "N.I.C." OR "NOT IN CONTRACT" IS TO BE ACCOMPLISHED BY A CONTRACTOR OTHER THAN THE GENERAL CONTRACTOR AND IS NOT TO BE PART OF THE CONSTRUCTION AGREEMENT. THE GENERAL CONTRACTOR SHALL COORDINATE WITH "OTHER" CONTRACTORS PER REQUIREMENTS ESTABLISHED BY OWNER AND TENANT.
7. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR EXAMINING CONTRACT DOCUMENTS, FIELD CONDITIONS, AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ITEMS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK.
8. CONTRACTOR SHALL MAINTAIN RECORD DOCUMENTS OF CONSTRUCTION CHANGES ("AS-BUILT DRAWINGS") AND SHALL PROVIDE SAID DOCUMENTATION TO THE ARCHITECT UPON COMPLETION OF CONSTRUCTION – NO EXCEPTION ALLOWED.
9. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE TO COORDINATE WITH ALL SUBCONTRACTORS PER REQUIREMENTS ESTABLISHED BY OWNER, TENANT, OR BOTH, WHICH ARE UNDER SEPARATE CONTRACT WITH THE OWNER, OR TENANT, OR BOTH.
10. THE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, OTHER DRAWINGS, AND JOB SPECIFICATIONS ARE SUPPLEMENTARY TO ARCHITECTURAL CONSTRUCTION DRAWINGS. ANY DISCREPANCY BETWEEN THESE DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
11. THE INTENT OF DRAWINGS AND SPECIFICATIONS IS TO INCLUDE ALL LABOR, MATERIALS AND SERVICES NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN, DESCRIBED, OR REASONABLY IMPLIED, BUT NOT LIMITED TO THAT EXPLICITLY INDICATED IN THE CONTRACT DOCUMENTS.
12. INSTALL ALL MANUFACTURED ITEMS, MATERIALS, AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, U.O.N.
13. ANY WORK INSTALLED IN CONFLICT WITH THE CONSTRUCTION DRAWINGS, WITHOUT THE PRIOR APPROVAL OF THE OWNER AND THE ARCHITECT SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
14. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR THAT WILL CAUSE A DELAY IN THE CONSTRUCTION COMPLETION SCHEDULE. THE CONTRACTOR SHALL SUBMIT CONFIRMATIONS OF DELIVERY DATES FOR ORDERS OF MATERIALS AND EQUIPMENT HAVING LONG LEAD TIMES.
15. ALL REQUESTS FOR SUBSTITUTIONS OF ITEMS SPECIFIED SHALL BE SUBMITTED IN WRITING AND WILL BE CONSIDERED ONLY IF BETTER SERVICE FACILITIES, A MORE ADVANTAGEOUS DELIVERY DATE, OR A LOWER PRICE WITH CREDIT TO THE OWNER / TENANT WILL BE PROVIDED WITHOUT SACRIFICING QUALITY, APPEARANCE, AND FUNCTION. UNDER NO CIRCUMSTANCES WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE PRODUCT SPECIFIED.
16. PROJECT SPECIFICATIONS ARE AN INTEGRAL PART OF THESE PLANS – SUBSTITUTIONS FOR SPECIFIED MATERIALS REQUIRE THE WRITTEN APPROVAL FROM THE ARCHITECT.
17. UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SUBMIT ONE (1) SET OF SHOP DRAWINGS. SHOP DRAWINGS SHOULD INCLUDE DETAILED, FABRICATION AND ERECTION DRAWINGS, SETTING DRAWINGS, DIAGRAMMATIC DRAWINGS, AND MATERIAL SCHEDULES. LOCATION AND ORIENTATION OF ALL ITEMS SHOULD BE CLEARLY INDICATED. BEGIN FABRICATION OF SHOP ITEMS AFTER RECEIVING ARCHITECT'S OR DESIGNER'S APPROVAL OF SHOP DRAWINGS.
18. THE ARCHITECT'S REVIEW OF SHOP DRAWINGS SHALL NOT RELIEVE THE GENERAL CONTRACTOR OR SUBCONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS UNLESS HE HAS, IN WRITING, AND BROUGHT TO THE ATTENTION OF THE ARCHITECT SUCH DEVIATIONS AT THE TIME OF THE SUBMISSION, NOR SHALL IT RELIEVE HIM (GENERAL CONTRACTOR) FROM RESPONSIBILITY FOR ERRORS OF ANY SORT IN THE SHOP DRAWINGS.
19. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING PERMITS PRIOR TO STARTING CONSTRUCTION.
20. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE WITH THE STATE LABOR DEPARTMENT IN COMPLIANCE WITH CURRENT LABOR CODES.
21. PROVIDE CONTINUOUS INSPECTIONS AS SET FORTH IN STATE AND LOCAL CODES AND PER CONTRACT DOCUMENTS AS NEEDED.
22. PRIOR TO THE ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY FOR THIS PROJECT, THE GENERAL CONTRACTOR SHALL SUBMIT A SIGNED CERTIFICATE TO THE DEPARTMENT OF BUILDING AND SAFETY STATING THAT ALL WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATIONS AFFECTING NON-RESIDENTIAL ENERGY.

DRAWING NOTES:

1. UNLESS OTHERWISE NOTED OR INDICATED, ALL DIMENSIONS ON THESE DOCUMENTS SHALL BE TO FACE OF CURB, FACE OF CONCRETE OR MASONRY, FACE OF FINISH OR CENTERLINE OF GRIDS.
2. ALL VERTICAL DIMENSIONS SHOWN ARE FROM FLOOR SLAB, U.O.N.
3. DIMENSIONS SHOWN IN FIGURES TAKE PRECEDENCE OVER DIMENSIONS SCALED FROM DRAWINGS. LARGE SCALE DRAWINGS AND DETAILS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
4. THE TERM "ALIGN", AS USED IN THESE DOCUMENTS, SHALL MEAN TO ACCURATELY LOCATE FINISHES IN THE SAME PLANE.
5. "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS THE SAME OR REPRESENTATIVE FOR ALL SIMILAR CONDITIONS THROUGHOUT, U.O.N.
6. DETAILS ARE USUALLY KEYED AND NOTED "TYPICAL" ONLY ONCE, WHEN THEY FIRST OCCUR AND ARE REPRESENTATIVE OF ALL SIMILAR CONDITIONS THROUGHOUT, U.O.N.
7. COLUMN CENTERLINES (GRID LINES) ARE SHOWN FOR DIMENSIONING PURPOSES.

INTERIOR / EXTERIOR NOTES:

1. WHERE ELECTRICAL, MECHANICAL AND/OR PLUMBING ITEMS, SUCH AS LIGHTS, DUCTS, PIPING, DOWNSPOUTS, ETC. ARE TO PENETRATE ANY BUILDING FOOTINGS, SLABS, FLOORS, STRUCTURAL FRAMING, WALL PARTITIONS, CEILINGS, ETC., IT IS REQUIRED THAT AN APPROPRIATELY SIZED OPENING OR CLEARANCE BE FURNISHED. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL ITEMS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO THE INSTALLATION OF STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL WORK. ANY CONFLICT OR DISCREPANCY WITHIN CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION.
2. CONTRACTOR, ALONG WITH MECHANICAL CONTRACTOR, SHALL PROVIDE AND LOCATE ACCESS DOORS/PANELS IN WALL & CEILING CONSTRUCTION AS REQUIRED TO PROVIDE ACCESS TO MECHANICAL, FIRE SPRINKLER, PLUMBING & ELECTRICAL WORK. CONTRACTOR SHALL SUBMIT A PLAN OF ALL PROPOSED ACCESS PANEL LOCATIONS TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
3. ALL PENETRATIONS AT RATED CONSTRUCTION SHALL BE PROTECTED TO MAINTAIN RATING.
4. WHERE OCCURS, CONTRACTOR SHALL PATCH ANY EXISTING WALLS AND/OR CEILINGS AS NEEDED TO REFURBISH THE LEASE SPACE AND REPAIR ALL DAMAGES CAUSED BY CONTRACTOR.
5. INTERIOR WALLS AND CEILINGS SHALL BE INSTALLED IN ACCORDANCE TO STATE & LOCAL CODES, INCLUDING REQUIREMENTS FOR FLAME SPREAD AND SMOKE DENSITY RATINGS FOR FINISH MATERIALS.
6. WHEN USED, ALL NOISE BARRIER BATTS (SOUND INSULATION) AND INSULATION BATTS SHALL BE NON-COMBUSTIBLE AND SHALL NOT CONTAIN OR UTILIZE OZONE DEPLETING COMPOUNDS.
7. ALL NEW CONSTRUCTION MATERIALS SHALL BE 100% ASBESTOS-FREE.

JOB SITE NOTES:

1. WHERE EXISTING TENANTS/BUSINESSES ARE ADJACENT TO THE JOB SITE/TENANT, THE CONTRACTOR SHALL MINIMIZE CONSTRUCTION NOISE – EXTREME NOISE CONSTRUCTION SHALL OCCUR AT NON-TYPICAL BUSINESS HOURS. CONTRACTOR SHOULD NOTIFY BUILDING REPRESENTATIVE OF SPECIAL CIRCUMSTANCES IN ADVANCE PRIOR TO WORK.
2. THE CONTRACTOR AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AND SURROUNDING AREA FREE FROM DUST AND DEBRIS. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR AND WATER POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.
3. CONSTRUCTION DEBRIS AND WASTES SHALL BE DEPOSITED AT AN APPROPRIATE SITE. THE CONTRACTOR SHALL INFORM THE BUILDING REPRESENTATIVE OF THE LOCATION OF DISPOSAL SITES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL CLEANING OF THE JOB AFTER ITS COMPLETION. WHERE APPLICABLE, CLEANING SHALL INCLUDE, BUT NOT BE LIMITED TO, THE EXTERIOR AND THE INTERIOR OF THE BUILDING, THE PATH OF TRAVEL TO THE JOB SITE, PARKING LOTS, ELEVATORS, LOBBIES, AND CORRIDOR CARPETS.
5. THE CONTRACTOR SHALL PROVIDE PEDESTRIAN PROTECTION, WHERE REQUIRED PER STATE AND LOCAL CODES.
6. IF TRENCHES OR EXCAVATIONS 5'-0" OR MORE IN DEPTH ARE REQUIRED, OBTAIN ISSUANCE OF A BUILDING OR GRADING PERMIT.
7. NO HAZARDOUS MATERIALS SHALL BE USED OR STORED WITHIN THE BUILDING WHICH DOES NOT COMPLY WITH THE LOCAL FIRE AUTHORITY AND STATE & COUNTY REQUIREMENTS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR BLOCKING OFF SUPPLY AND RETURN AIR GRILLES, DIFFUSERS & DUCTS TO KEEP DUST FROM ENTERING INTO BUILDING AIR DISTRIBUTION SYSTEMS.
9. BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE DONE SO IN ACCORDANCE WITH STATE & LOCAL CODES.

FIRE DEPARTMENT NOTES

GENERAL REQUIREMENTS

1. PROVIDE AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN CBC SECTION 903.3 FOR BUILDING AREA INCREASE ALLOWANCES SPECIFIED IN CBC SECTIONS 506 AND 507 AND THE OCCUPANCY GROUP SPECIFIED IN CBC SECTION 903.2. FIRE SPRINKLER PLANS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION IN ACCORDANCE WITH CFC 901.2.
2. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED AND MAINTAINED AT SUCH LOCATIONS AS REQUIRED BY CFC 906. THE FINAL NUMBER AND LOCATION OF ALL FIRE EXTINGUISHERS SHALL BE DETERMINED BY THE LOCAL FIRE INSPECTOR.
3. THE MEANS OF EGRESS TRAVEL, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED WITH THE LIGHT INTENSITY OF NOT LESS THATN 1 FOOT CANDLE AT THE WALKING SURFACE AS REQUIRED BY CBC 1006.1 AND 1006.2.
4. IN THE EVENT OF POWER SUPPLY FAILURE AN EMERGENCY ELECTRICAL SYSTEM SHALL ILLUMINATE THE MEANS OF EGRESS SYSTEM FOR A DURATION OF NOT LESS THAN 90 MINUTES IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN CBC 1006.3 AND 1006.3.1.
5. DOORS IN THE MEANS OF EGRESS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT AS SET FORTH IN CBC 1008.1.9
6. APPROVED EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL AS REQUIRED BY CBC 1011.1: AND SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED AS REQUIRED BY SECTION 1011.3 IN ACCORDANCE WITH THE PROVISIONS SEF FORTH IN SECTIONS 1011.5 AND 1011.6. NOTE: ADDITIONAL EXIT SIGNS AND IDENTIFY EXIT SIGN LOCATION ON THE FLOOR PLAN OR REFLECTED CEILING PLAN.
7. IN THE EVENT OF POWER FAILURE AN EMERGENCY ELECTRICAL SYSTEM SHALL ILLUMINATE THE EXIT SIGNS FOR A DURATION OF NOT LESS THAN 90 MINUTES IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN CBC 1011.6.3.
8. EACH DOOR IN A MEANS OF EGRESS FROM GROUP A OCCUPANCY, HAVING AN OCCUPANT LOAD OF 50 OR MORE SHALL NOT BE PROVIDED WITH A LATCH OR LOCK UNLESS IT IS PANIC HARDWARE OR FIRE EXIT HARDWARE. CBC 1008.1.10
9. INTERIOR WALL, CEILING AND FLOOR FINISHES SHALL COMPLY WITH THE SPECIFICATIONS DETAILED IN CBC SECTIONS 803 AND 804. DECORATIVE MATERIALS AND TRIM SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701 FOR OCCUPANCIES SPECIFIED IN CBC 806.
10. CURTAINS, DRAPES AND OTHER DECORATIVE MATERIALS SUSPENDED FROM THE WALLS OR CEILING SHALL MEET THE FLAME SPREAD PROPAGATION PERFORMANCE CRITERIA OF NFPA 701 IN ACCORDANCE WITH SECTION 806.2 OR BE NON COMBUSTIBLE.
11. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT. CBC 1004.3.

POWER & SIGNAL NOTES

1. COORDINATE TELEPHONE/DATA INSTALLATION WITH APPROPRIATE SUB-CONTRACTOR.
2. ALL EXISTING ELECTRICAL DEVICES ARE TO REMAIN, UNLESS NOTED OTHERWISE.
3. ALL OUTLETS TO BE INSTALLED AT LOCATIONS SHOWN BY DIMENSIONS ON THE POWER & SIGNAL PLAN. DIMENSION ALL OUTLETS FROM THE CENTERLINE OF THE OUTLET BOX. NON-DIMENSIONED OUTLETS ARE TO LOCATED AT THE NEAREST WALL STUD.
4. WHEN OUTLETS ARE GROUPED TOGETHER (2 OR MORE), THEY ARE TO BE SPACED NO MORE THAN 2" APART.
5. ALL ELECTRICAL OUTLETS OF 30 AMPERES OR LESS SHALL BE MOUNTED BETWEEN +15" TO BOTTOM RECEPTACLE AND +48" TO TOP OF RECEPTACLE FROM FINISH FLOOR. SEE NOTE 6, BELOW, FOR GENERAL MOUNTING HEIGHT
6. ALL NEW WALL MOUNTED 15, 20, AND 30 AMP OUTLETS/RECEPTACLES TO BE CENTERED AT +18" A.F.F., U.O.N.
7. ALL TELEPHONE AND DATA CABLE TO BE TEFLON COATED PLENUM RATED CABLE, SUPPORTED INDEPENDENTLY FROM SUSPENDED CEILING SYSTEM. CABLING TO BE SUPPLIED BY TENANT; ALL PULLS AND TERMINATIONS BY GENERAL CONTRACTOR.
8. LOCATIONS OF FURNITURE POWER FEEDS SHALL ACCOMMODATE CIRCUITS AND WIRE PER ELECTRICAL DRAWINGS. TENANT SHALL BE RESPONSIBLE FOR PROVIDING FURNITURE POWER FEED, GENERAL CONTRACTOR SHALL INSTALL THE POWER FEED.
9. WHERE DEDICATED ELECTRICAL OUTLETS ARE NOTED WITHIN THE FURNITURE PANEL SYSTEM, THE PANEL SYSTEM SHALL ACCOMMODATE THIS REQUIREMENT.
10. FLOOR OUTLETS ARE ACCEPTABLE NEXT TO SLIDING PANELS/WALLS AND OTHER SPECIAL CONVENIENT LOCATIONS.
11. WHERE ELECTRICAL WORK IS SPECIFIED IN CONJUNCTION WITH CABINET WORK, LAMPS AND FIXTURES ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR.
12. CUT-OUTS FOR SWITCHES, OUTLETS, ETC. AS REQUIRED BY THE CABINET CONTRACTOR ARE TO BE COORDINATED WITH THE ELECTRICAL CONTRACTOR, U.N.O. ALL RECEPTACLES WHERE MILLWORK OCCURS SHALL BE LOCATED PER ELEVATIONS OF THE MILLWORK ITEM IN QUESTION.
13. ALL WALL COVER PLATES SHALL BE WHITE, UNLESS BUILDING STANDARD IS DIFFERENT, MATCH BUILDING STANDARD.
14. ALL SEPARATE CIRCUIT RECEPTACLES TO BE ORANGE COLOR WITH BUILDING STANDARD COLOR COVER PLATE.

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CHARLES NOLAN MINYARD
C-33826
5/31/2023
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

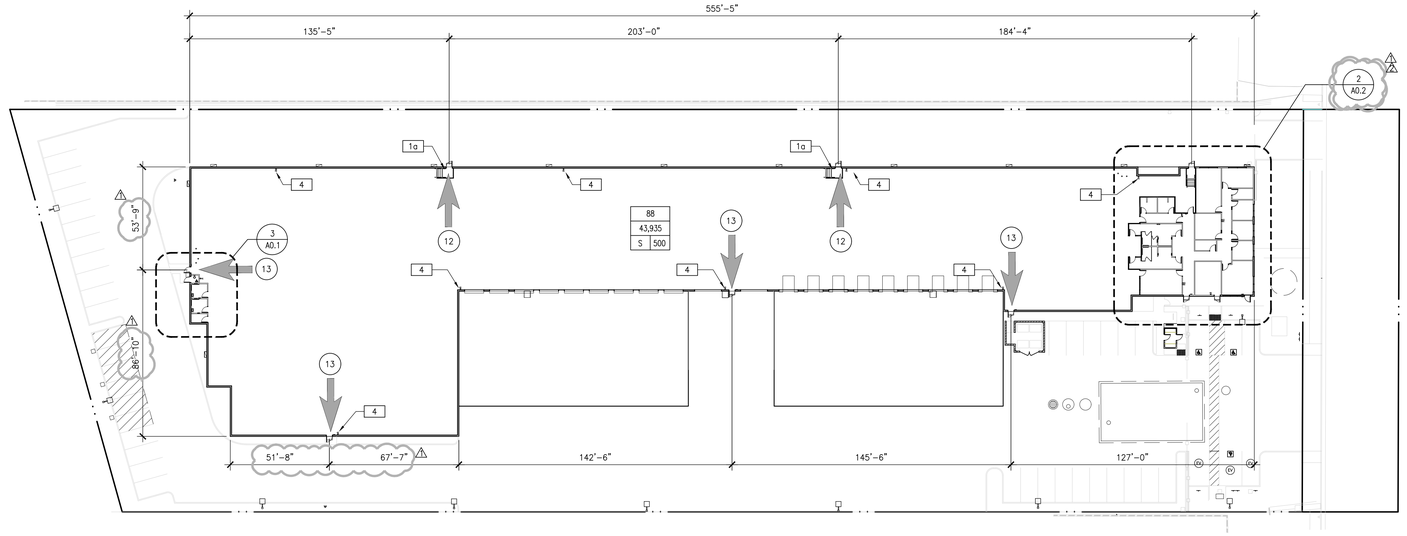
GENERAL NOTES

	DATE	REMARKS
	05/13/2022	PLANNING SUBMITTAL
	11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
	12/29/2022	1ST PLAN CHECK SUBMITTAL
1	05/16/2023	2ND PLAN CHECK SUBMITTAL
2	06/14/2023	3RD PLAN CHECK SUBMITTAL
3	08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY:

SHEET NUMBER:
A0.1

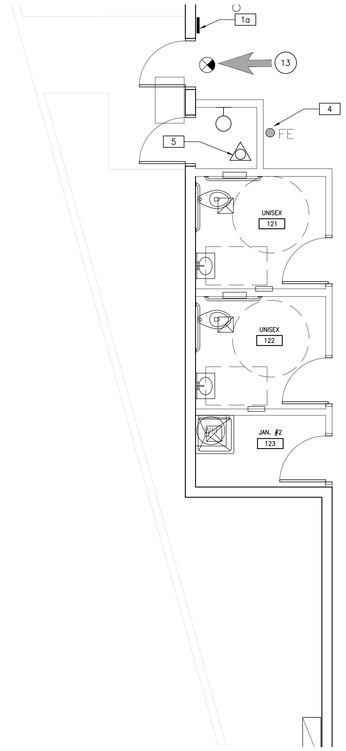


OVERALL FLOOR PLAN

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

North

REFER TO KEYNOTES ON SHEETS A7.0 & A7.1

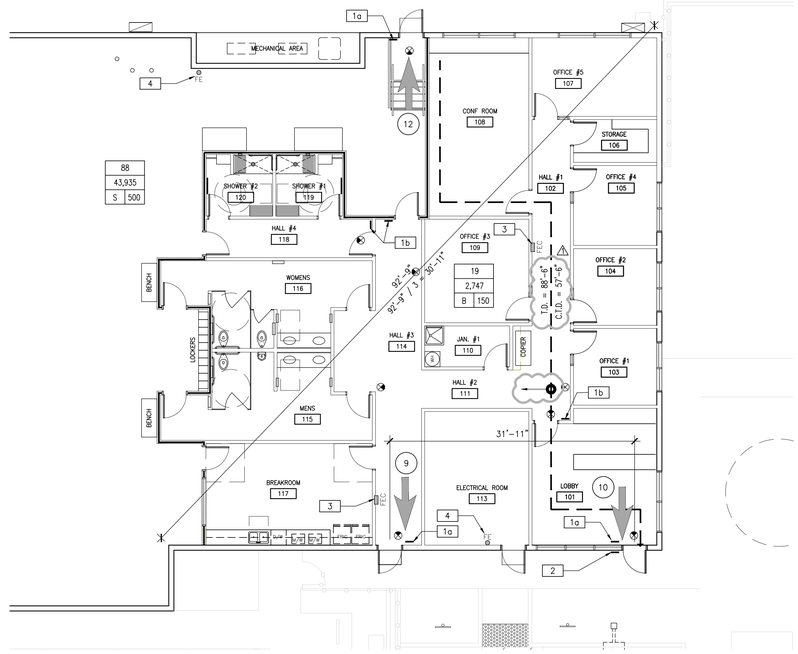


ENLARGED FLOOR PLAN

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

North

3



ENLARGED FLOOR PLAN

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

North

2

PLAN NOTES

1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WALL-MOUNTED TACTILE SIGNS LISTED BELOW AT LOCATIONS INDICATED. SEE DETAILS 12/A10.0 & 14/A10.0
   a) "EXIT" SIGN
   b) "EXIT ROUTE" SIGN
2. ACCESSIBLE ENTRY SIGNAGE – REFER TO DETAIL 13/A10.0
3. SEMI RECCESSED FIRE EXTINGUISHER CABINET – REFER TO DETAIL 13/A10.1 QUANTITY AND LOCATION TO BE CONFIRMED BY FIRE DEPARTMENT. SEE LEGEND BELOW FOR ADDITIONAL INFORMATION
4. WALL MOUNTED FIRE EXTINGUISHER CABINET – SEE LEGEND BELOW
5. PROPOSED FIRE SPRINKLER RISER LOCATION – SPRINKLER SYSTEM TO BE A DEFERRED SUBMITTAL

CHAPTER 10 - MEANS OF EGRESS:

OCCUPANT LOADS & MINIMUM EXIT WIDTHS REQUIRED:

(FULLY SPRINKLERED THROUGHOUT)

FLOOR/SPACE	OCCUPANCY	(N) GROSS AREA	AREA PER OCCUPANT (TABLE 1004.1.2)	OCCUPANT LOAD	NUMBER OF EXITS REQ'D 1015.1	NUMBER OF EXITS PROVIDED	OTHER EGRESS COMPONENT WIDTH REQ'D OBC SECTION 1005.3.1 & 1005.3.2
OFFICE	B	2,747 SF	150	19	2	2	19 * .2 = 3.8
WAREHOUSE	S	43,935 SF	500	88	2	7	88 * .2 = 18.4

EXIT WIDTHS PROVIDED:

EXIT COMPONENT	STAIRS	CORRIDORS	DOORS	NUMBER OF EXITS PROVIDED	TOTAL WIDTH REQUIRED	TOTAL WIDTH PROVIDED
FLOOR	N/A	60"	32"	30	77.6	960"

MAXIMUM TRAVEL DISTANCE TO EXITS: (1016.1 SPRINKLERED BUILDING)

B ____ 300 FEET MAX.

S ____ 400 FEET MAX.

LEGEND

INDICATES REQUIRED EXIT.

0 / XXXX / X 0
- OCCUPANT LOAD
- AREA (S.F.)
- OCCUPANT LOAD FACTOR PER TABLE 10-A
- ROOM TYPE (SEE LEGEND)

T.D. TRAVEL DISTANCE

C.T.D. COMMON PATH OF TRAVEL DISTANCE

PATH OF TRAVEL

(X) NUMBER OF OCCUPANTS

INDICATES ILLUMINATED EMERGENCY EXIT SIGN ABOVE DOOR WITH BATTERY POWERED BACK-UP, SEE ELECTRICAL DRAWINGS.

FEC NEW SEMI RECESSED FIRE EXTINGUISHER CABINET – POTTER ROEMER, ALTA 7008-A, WHITE WITH POTTER ROEMER FIRE EXTINGUISHER 2-A 10: B-C REFER TO DETAIL 13/A10.1

FE NEW WALL MOUNTED POTTER ROEMER FIRE EXTINGUISHER 2-A 10: B-C

PLUMBING FIXTURE ANALYSIS

RESTROOM SUMMARY:

FIXTURES REQUIRED (BASED ON CPC TABLE 422.1):

OFFICE: (B) 7,251 ÷ 200 = 36.25 = 38 ÷ 2 = 19
WAREHOUSE: (S) 17,641 ÷ 5000 = 3.54 = 4 ÷ 2 = 2

TOTAL REQUIRED: BASED ON MOST RESTRICTIVE – B OCCUPANCY

MEN: TOILET: 1 LAVATORIES: 1 URINALS: 1
WOMEN: TOILET: 2 LAVATORIES: 1

TOTAL PROVIDED:

MEN: TOILET: 2 LAVATORIES: 3 URINALS: 1
WOMEN: TOILET: 3 LAVATORIES: 3

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CHARLES NOLAN
ARCHITECT
C-33826
3/31/2022
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

FLOOR PLAN

DATE:	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY: CNM

SHEET NUMBER: A0.2

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 1

INSPECTOR SIGNOFF

CHAPTER 3
GREEN BUILDING
SECTION 301 GENERAL

301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of $200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

A code section will be designated by a banner to indicate where the code section only applies to newly constructed building [N] or to additions and alterations [A]. When the code section applies to both, no banner will be used.

301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 et seq. for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.

301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC)
301.5 HEALTH FACILITIES. (see GBSC)

SECTION 302 MIXED OCCUPANCY BUILDINGS

302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

SECTION 303 PHASED PROJECTS

303.1 Phased projects. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

303.1.1 Tenant improvements. The provisions of this code shall apply only to the initial tenant or occupant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.

ABBREVIATION DEFINITIONS:
HCD Department of Housing and Community Development
BSC California Building Standards Commission
DSA-SS Division of the State Architect, Structural Safety
OSHPD Office of Statewide Health Planning and Development
LR Low Rise
HR High Rise
AA Additions and Alterations
N New

CHAPTER 5
NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.1 PLANNING AND DESIGN

SECTION 5.101 GENERAL
5.101.1 Scope
The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.

SECTION 5.102 DEFINITIONS
5.102.1 DEFINITIONS
The following terms are defined in Chapter 2 (and are included here for reference)

CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.

LOW-EMITTING AND FUEL EFFICIENT VEHICLES.
Eligible vehicles are limited to the following:

1. Zero emission vehicle (ZEV), including neighborhood electric vehicles (NEV), partial zero emission vehicle (PZEV), advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer only) regulated under Health and Safety Code section 43800 and CCR, Title 13, Sections 1961 and 1962.
2. High-efficiency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane stickers issued by the Department of Motor Vehicles.

NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.

TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.

VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ridesharing.

Note: Source: Vehicle Code, Division 1, Section 668

ZEV. Any vehicle certified to zero-emission standards.

SECTION 5.106 SITE DEVELOPMENT
5.106.1 STORM WATER POLLUTION PREVENTION. Newly constructed projects and additions which disturb less than one acre of land shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:

5.106.1.1 Local ordinance . Comply with a lawfully enacted storm water management and/or erosion control ordinance.

5.106.1.2 Best Management Practices (BMP). Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMP.

1. Soil loss BMP that should be considered for each project include, but are not limited to, the following:
   a. Scheduling construction activity.
   b. Preservation of natural features, vegetation and soil.
   c. Drainage swales or lined ditches to control stormwater flow.
   d. Mulching or hydroseeding to stabilize disturbed soils.
   e. Erosion control to protect slopes.
   f. Protection of storm drain inlets (gravel bags or catch basin inserts).
   g. Perimeter sediment control (perimeter silt fence, fiber rolls).
   h. Sediment trap or sediment basin to retain sediment on site.
   i. Stabilized construction exits.
   j. Wind erosion control.
   k. Other soil loss BMP acceptable to the enforcing agency.
2. Good housekeeping BMP to manage construction equipment, materials and wastes that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Material handling and waste management.
   b. Building materials stockpile management.
   c. Management of washout areas (concrete, paints, stucco, etc.).
   d. Control of vehicle/equipment fueling to contractor's staging area.
   e. Vehicle and equipment cleaning performed off site.
   f. Spill prevention and control.
   g. Other housekeeping BMP acceptable to the enforcing agency.

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5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2

5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter.

5.106.4.1.1 Short-term bicycle parking. If the project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.
Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.2 Long-term bicycle parking. For new buildings with 10 or more tenant-occupants or for additions or alterations that add 10 or more tenant-occupants or for additions or alterations that add 10 or more tenant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicle parking spaces being added, with a minimum of one space. Acceptable parking facilities shall be convenient from the street and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2

5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building.
5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

5.106.5.2 DESIGNATED PARKING FOR CLEAN AIR VEHICLES. In new projects or additions or alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as follows:

TABLE 5.106.5.2 - PARKING

TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED SPACES
0-9	0
10-25	1
25-50	3
51-75	6
76-100	8
101-150	11
151-200	16
201 AND OVER	AT LEAST 8% OF TOTAL

5.106.5.2.1 - Parking stall marking. Paint, in the paint used for stall striping, the following characters such that the lower edge of the last word aligns with the end of the stall striping and is visible beneath a parked vehicle: CLEAN AIR / VAN POOL / EV

Note: Vehicles bearing Clean Air Vehicle stickers from expired HOV lane programs may be considered eligible for designated parking spaces.

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When EVSE(s) is/are installed, it shall be in accordance with the California Building Code, the California Energy Commission (CEC) and as follows:

5.106.5.3.1 Single charging space requirements. [N] When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. A listed raceway capable of accommodating a 208/240 -volt dedicated branch circuit.
3. The raceway shall not be less than trade size 1."
4. The raceway shall originate at a service panel or a subpanel serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and listed suitable cabinet, box, enclosure or equivalent.
5. The service panel or subpanel shall have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the future installation of the EVSE.

5.106.5.3.2 Multiple charging space requirements. [N] When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) is/are required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. The raceway(s) shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into listed suitable cabinet(s), box(es), enclosure(s) or equivalent.
3. Plan design shall be based upon 40-ampere minimum branch circuits.
4. Electrical calculations shall substantiate the design of the electrical system, to include the rating of equipment and any on-site distribution transformers and have sufficient capacity to simultaneously charge all required EVs at its full rated amperage.
5. The service panel or subpanel(s) shall have sufficient capacity to accommodate the required number of dedicated branch circuit(s) for the future installation of the EVSE.

5.106.5.3.3 EV charging space calculations. [N] Table 5.106.5.3.3 shall be used to determine if single or multiple charging space requirements apply for the future installation of EVSE.

Exceptions: On a case-by-case basis where the local enforcing agency has determined EV charging and infrastructure is not feasible based upon one or more of the following conditions:

1. Where there is insufficient electrical supply.
2. Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.

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TABLE 5.106.5.3.3

TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED SPACES
0-9	0
10-25	1
36-50	2
51-75	4
76-100	5
101-200	7
201 AND OVER	6% of total[1]

1. Calculation for spaces shall be rounded up to the nearest whole number.

5.106.5.3.4 [N] Identification. The service panel or subpanel(s) circuit directory shall identify the reserved overcurrent protective device space(s) for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".

5.106.5.3.5 [N] Future charging spaces qualify as designated parking as described in Section 5.106.5.2 Designated parking for clean air vehicles.
Notes:

1. The California Department of Transportation adopts and publishes the California Manual on Uniform Traffic Control Devices (California MUTCD) to provide uniform standards and specifications for all official traffic control devices in California. Zero Emission Vehicle Signs and Pavement Markings can be found in the New Policies & Directives number 13-01. www.dot.ca.gov/hq/traffops/policy/13-01.pdf.
2. See Vehicle Code Section 22511 for EV charging spaces signage in off-street parking facilities and for use of EV charging spaces.
3. The Governor's Office of Planning and Research published a Zero-Emission Vehicle Community Readiness Guidebook which provides helpful information for local governments, residents and businesses. www.opr.ca.gov/docs/ZEV_Guidebook.pdf.

5.106.8 LIGHT POLLUTION REDUCTION. [N] Outdoor lighting systems shall be designed and installed to comply with the following:

1. The minimum requirements in the California Energy Code for Lighting Zones 1-4 as defined in Chapter 10 of the California Administrative Code; and
2. Backlight, Uplight and Glare (BUG) ratings as defined in IES TM-15-11; and
3. Allowable BUG ratings not exceeding those shown in Table 5.106.8, or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

1. Luminaires that qualify as exceptions in Section 140.7 of the California Energy Code.
2. Emergency lighting.
3. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.

Note: [N] See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

1. Swales.
2. Water collection and disposal systems.
3. French drains.
4. Water retention gardens.
5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.

Exception: Additions and alterations not altering the drainage path.

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS [1,2]

ALLOWABLE RATING	LIGHTING ZONE 1	LIGHTING ZONE 2	LIGHTING ZONE 3	LIGHTING ZONE 4
MAXIMUM ALLOWABLE BACKLIGHT RATING[3]				
Luminaire greater than 2 mounting heights (MH) from property line	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING				
For area lighting [4]	U0	U0	U0	U0
For all other outdoor lighting,including decorative luminaires	U1	U2	U3	U4
MAXIMUM ALLOWABLE GLARE RATING [5]				
Luminaire greater than 2 MH from property line	G1	G2	G3	G4
Luminaire front hemisphere is 1-2 MH from property line	G0	G1	G1	G2
Luminaire front hemisphere is 0.5-1 MH from property line	G0	G0	G1	G1
Luminaire back hemisphere is less than 0.5 MH from property line	G0	G0	G0	G1

1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the *California Energy Code* and Chapter 10 of the *Callifornia Administrative Code.*

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.

3. If the nearest property line is less than or equal to two mounting heights from the back hemisphere of the luminaire distribution, the applicable reduced Backlight rating shall be met.

4. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet *U*-value limits for "all other outdoor lighting".

5. If the nearest property line is less than or equal to two mounting heights from the front hemisphere of the luminaire distribution, the applicable reduced Glare rating shall be met.

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DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL
5.201.1 Scope [BSC-CG]. California Energy Code [DSA-SS] . For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL
5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS
5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference)

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic puroses, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. A meter installed subordinate to a site meter. Usually used to measure water intended for one purpose, such as landscape irrigation. For the purposes of CALGreen, a dedicated meter may be considered a submeter.

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWELO).

SECTION 5.303 INDOOR WATER USE
5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
   a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
   b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
   c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals. The effective flush volume of urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads.
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 2.0 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.

Note: A hand-held shower shall be considered a showerhead.

5.303.3.4 Faucets and fountains.

5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.

Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.

5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.

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5/31/2023
RENEWAL DATE
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PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

GREEN CODE

	DATE	REMARKS
	05/13/2022	PLANNING SUBMITTAL
	11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
	12/29/2022	1ST PLAN CHECK SUBMITTAL
1	05/16/2023	2ND PLAN CHECK SUBMITTAL
2	06/14/2023	3RD PLAN CHECK SUBMITTAL
3	08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022
DRAWN BY: CNM

SHEET NUMBER:
A0.3A

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 2

INSPECTOR SIGNOFF

SECTION 5.304 OUTDOOR WATER USE

5.304.1 SCOPE. The provisions of Section 5.304, Outdoor Water Use reference the mandatory Model Water Efficiency Landscape Ordinance (MWELO) contained within Chapter 2.7, Division 2, Title 23, California Code of Regulations.

5.304.2 OUTDOOR WATER USE IN LANDSCAPE AREAS EQUAL TO OR GREATER THAN 500 SQUARE FEET. When water is used for outdoor irrigation for new construction projects with an aggregate landscape area equal to or greater than 500 square feet requiring a building or landscape permit, plan check or design review, one of the following shall apply:

1. A local water efficient landscape ordinance that is, based on evidence in the record, at least as effective in conserving water as the updated model ordinance adopted by the Department of Water Resouces (DWR) per Government Code Section 65595(c).
2. The California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations.

5.304.3 OUTDOOR WATER USE IN REHABILITATED LANDSCAPE PROJECTS EQUAL TO OR GREATER THAN 2,500 SQUARE FEET. Rehabilitated landscape project with an aggregate landscape area equal to or greater than 2,500 square feet requiring a building or landscape permit, plan check, or design review shall comply with Section 5.304.2, Item 1 or 2.

5.304.4 OUTDOOR WATER USE IN LANDSCAPE AREAS OF 2,500 SQUARE FEET OR LESS. Any project with an aggregate area of 2,500 square feet of less may comply with the performance requirements of MWELO or conform to the prescriptive compliance measures contained in MWELO's Appendix D.

5.304.5 GRAYWATER OR RAINWATER USE IN LANDSCAPE AREAS. For projects using treated or untreated graywater or rainwater captured on site, any lot or parcel within the project that has less than 2,500 square feet of landscape and meets the lot or parcel's landscape water requirement (Estimate Total Water Use) entirely with treated or untreated graywater or through stored rainwater captured on site is subject only to Appendix D Section (5).

Notes:
1. DWR's Model Water Efficient Landscape Ordinance, definitions and supporting documents are available at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance/
2. A water budget calculator is available at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance/
3. The MWELO prescriptive compliance measure Appendix D may be found at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance/ In addition, a copy of MWELO Appendix D may be found in Chapter 8 of this code.

5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS [DSA-SS]. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of MWELO.

5.304.6.1 Newly constructed landscapes. [DSA-SS] New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

5.304.6.2 Rehabilitated landscapes. [DSA-SS] Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

5.304.3 IRRIGATION DESIGN. In new nonresidential construction with at least 1,000 but not more than 2,500 square feet of cumulative landscaped area (the level at which the MWELO applies), install irrigation controllers and sensors which include the following criteria, and meet manufacturer's recommendations.

5.304.3.1 Irrigation controllers. Automatic irrigation system controllers installed at the time of final inspection shall comply with the following:

1. Controllers shall be weather- or soil moisture-based controllers that automatically adjust irrigation in response to changes in plants' needs as weather conditions change.
2. Weather-based controllers without integral rain sensors or communication systems that account for local rainfall shall have a separate wired or wireless rain sensor which connects or communicates with the controller(s). Soil moisture-based controllers are not required to have rain sensor input.

Note: More information regarding irrigation controller function and specifications is available from the Irrigation Association.

DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.401 GENERAL

5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.

SECTION 5.402 DEFINITIONS

5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.

TEST. A procedure to determine quantitative performance of a system or equipment

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2 (Weather Protection) and California Energy Code Section 150, (Mandatory Features and Devices), manufacturer's installation instructions or local ordinance, whichever is more stringent.

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings . Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:

1. An installed awning at least 4 feet in depth.
2. The door is protected by a roof overhang at least 4 feet in depth.
3. The door is recessed at least 4 feet.
4. Other methods which provide equivalent protection.

5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

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SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of loacl recycleing facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.

Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEAR-A_REGS_UWR_FinalText.pdf

5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.
2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception : Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.

5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.

Exception : Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.

5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).

Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.

5.410.2 COMMISSIONING. [N] For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. All occupancies other than I-occupancies and L-occupancies shall comply with the California Energy Code as prescribed in California Energy Code Section 120.8. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.

Commissioning requirements shall include:

1. Owner's or Owner representative's project requirements.
2. Basis of design.
3. Commissioning measures shown in the construction documents.
4. Commissioning plan.
5. Functional performance testing.
6. Documentation and training.
7. Commissioning report.

Exceptions:

1. Unconditioned warehouses of any size.
2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.
3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1.
4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.

Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning.

Informational Notes:

1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional performance tests or to adjust and balance systems.
2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.

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5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:

1. Environmental and sustainability goals.
2. Energy efficiency goals.
3. Indoor environmental quality requirements.
4. Project program, including facility functions and hours of operation, and need for after hours operation.
5. Equipment and systems expectations.
6. Building occupant and operation and maintenance (O&M) personnel expectations.

5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:

1. Heating, ventilation, air conditioning (HVAC) systems and controls.
2. Indoor lighting system and controls.
3. Water heating system.
4. Renewable energy systems.
5. Water reuse systems.

5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:

1. General project information.
2. Commissioning goals.
3. Systems to be commissioned. Plans to test systems and components shall include:
   a. An explanation of the original design intent.
   b. Equipment and systems to be tested, including the extent of tests.
   c. Functions to be tested.
   d. Conditions under which the test shall be performed.
   e. Measurable criteria for acceptable performance.
4. Commissioning team information.
5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included.

5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made.

5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations.

5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:

1. Site information, including facility description, history and current requirements.
2. Site contact information.
3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.
4. Major systems.
5. Site equipment inventory and maintenance notes.
6. A copy of verifications required by the enforcing agency or this code.
7. Other resources and documentation, if applicable.

5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:

1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces).
2. Review and demonstration of servicing/preventive maintenance.
3. Review of the information in the Systems Manual.
4. Review of the record drawings on the system/equipment.

5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.

5.410.4 TESTING AND ADJUSTING. Testing and adjusting of systems shall be required for buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. HVAC systems and controls.
2. Indoor and outdoor lighting and controls.
3. Water heating systems.
4. Renewable energy systems.
5. Landscape irrigation systems.
6. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.

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DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.501 GENERAL

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.

SECTION 5.502 DEFINITIONS

5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.

A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.

1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32º Fahrenheit.

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I–joists or finger–jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

Note: See CCR, Title 17, Section 93120.1.

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.).

DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.

ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code, off-road, self-propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.

ELECTRIC VEHICLE CHARGING STATION(S) (EVCS)). One or more spaces intended for charging electric vehicles.

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections.

GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundreths of a gram (g O^3/g ROC).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a)

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.

SECTION 5.503 FIREPLACES

5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.

5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation, or during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may collect in the system.

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5/1/2022
GENERAL DUTY

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

GREEN CODE

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2023	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/14/2023	3RD PLAN CHECK
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY: CNM

SHEET NUMBER: A0.3B

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 3

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5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. 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. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh 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.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT[1,2]

Less Water and Less Exempt Compounds in Grams per Liter

ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter

SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonfiat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

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TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS[2,3]

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS

COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS[1]	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet at least one of the testing and product requirements:

1. Carpet and Rug Institute's Green Label Plus Program.
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the 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 01350).
3. NSF/ANSI 140 at the Gold level or higher;
4. Scientific Certifications Systems Sustainable Choice; or
5. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High Performance Product Database.

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.

INSPECTOR SIGNOFF

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS[1]

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD[2]	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:

1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
2. 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 2010;
3. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7, and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High Performance Product DataBase; or
4. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program).

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 8. MERV 8 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions:

1. An ASHRAE 10% to 15% efficiency filter shall be permitted for an HVAC unit meeting the 2013 California Energy Code having 60,000 Btu/h or less capacity per fan coil, if the energy use of the air delivery system is 0.4 W/cfm or less at design air flow.
2. Existing mechanical equipment.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1203 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures not applicable to low-rise residential occupancies, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO_2) MONITORING. For buildings or additions equipped with demand control ventilation, CO_2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

   Exceptions:

   a. L_{dn} or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
   b. L_{dn} or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

2. Within the 65 CNEL or L_{dn} noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L_{eq} - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

INSPECTOR SIGNOFF

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO_2), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves Valves and fittings shall comply with the California Mechanical Code and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-reistant material, such as stainless steel; or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7
INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

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CHARLES NOLAN HARWOOD
C-33626
5/31/2022
GENERAL CLASS

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

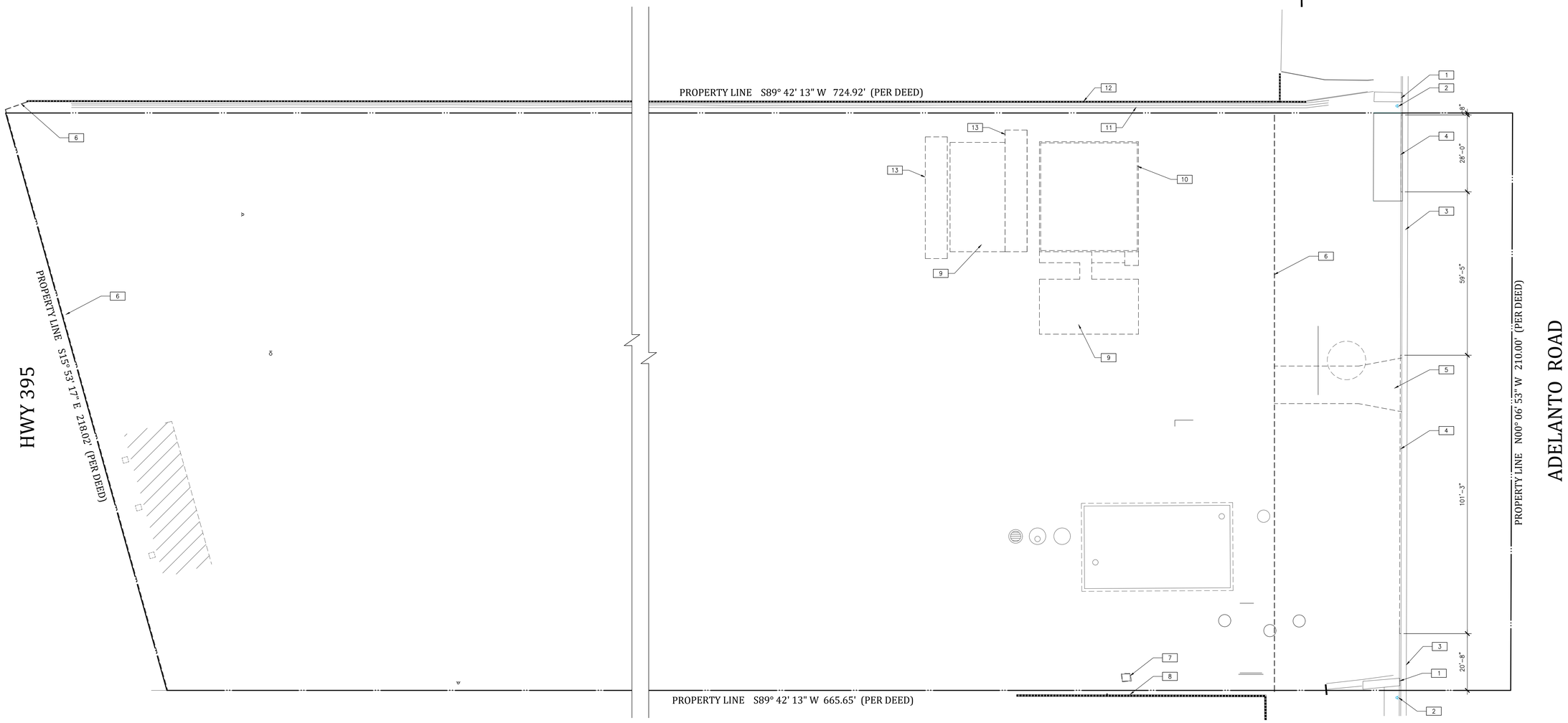
GREEN CODE

DATE:	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE / PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
07/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY: CNM

SHEET NUMBER: A0.3C



DEMO SITE PLAN
SCALE: 1/16"=1'-0"

North

DEMO SITE PLAN NOTES

1. EXISTING STORM DRAIN CHANNEL TO REMAIN
2. EXISTING FIRE HYDRANT TO REMAIN
3. EXISTING CURB AND GUTTER TO REMAIN
4. EXISTING PORTION OF CURB TO BE REMOVE
5. EXISTING CONCRETE DRIVE TO BE REMOVED
6. EXISTING FENCING TO BE REMOVED
7. EXISTING TRANSFORMER TO BE REMOVED
8. EXISTING BUILDING WALL TO REMAIN
9. EXISTING CONCRETE PAD TO BE REMOVED
10. EXISTING MOBILE UNIT TO BE REMOVED
11. EXISTING CONCRETE SWALE TO REMAIN
12. EXISTING CMU WALL TO REMAIN
13. EXISTING SHIPPING CONTAINERS TO BE REMOVED

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CHARLES NOLAN HARRISON
C-33826
3/1/2022
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

DEMO SITE PLAN

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
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12/29/2022	1ST PLAN CHECK SUBMITTAL
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06/14/2023	3RD PLAN CHECK
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY: CNM

SHEET NUMBER:
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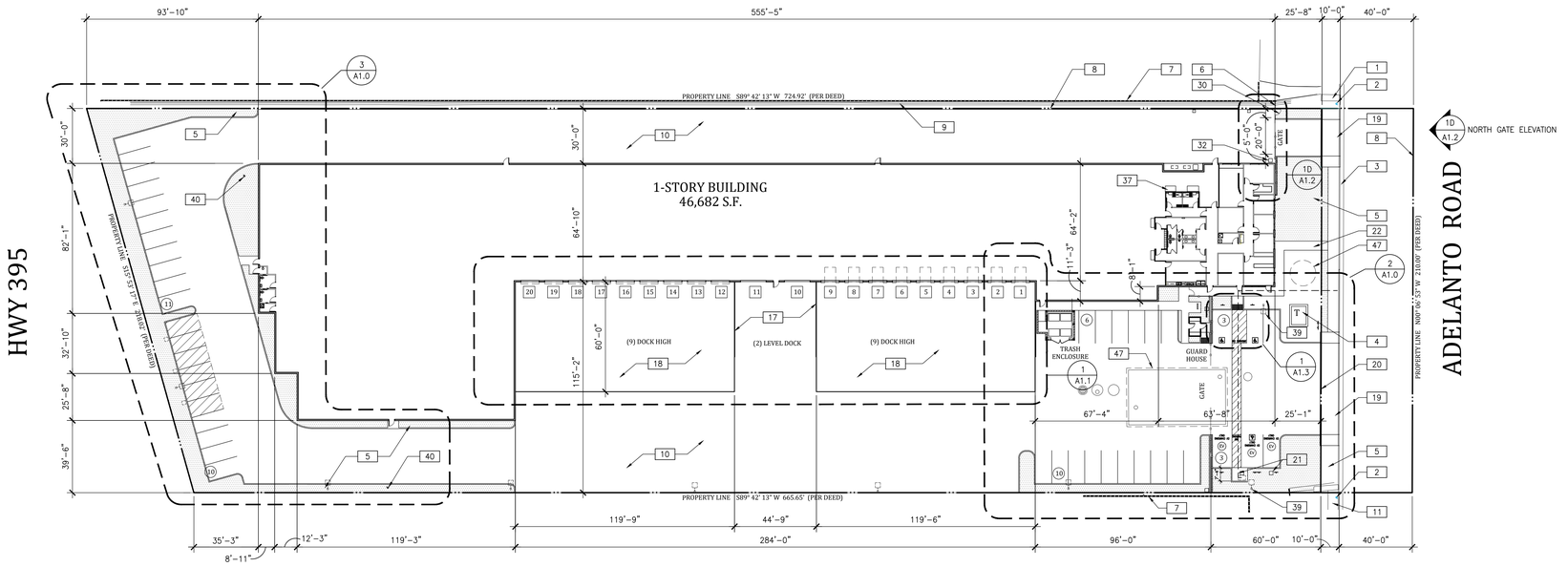
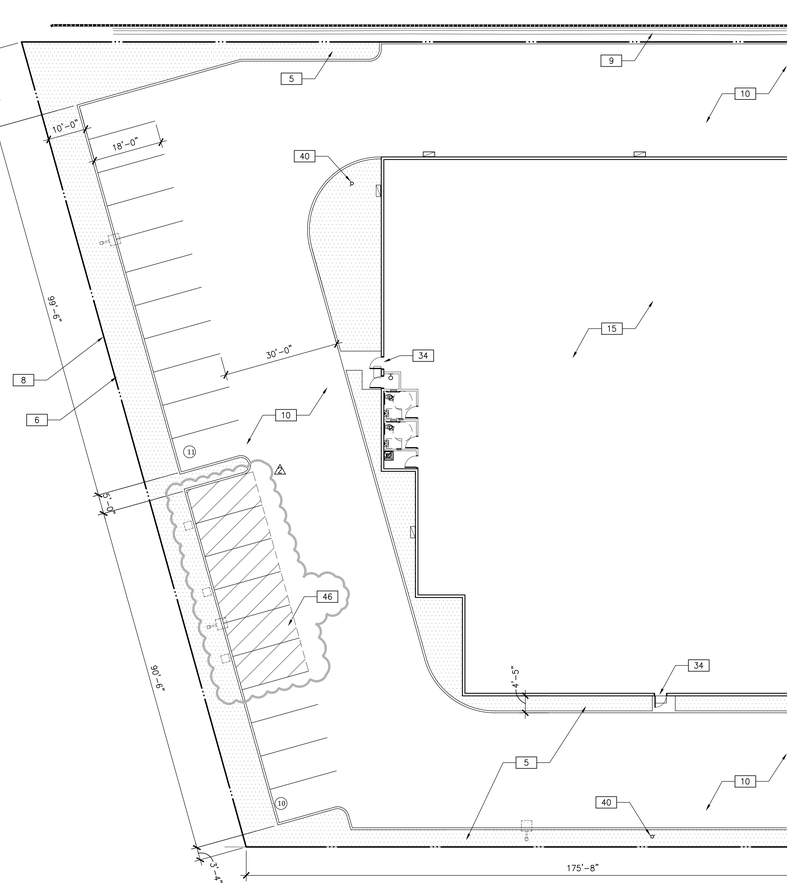
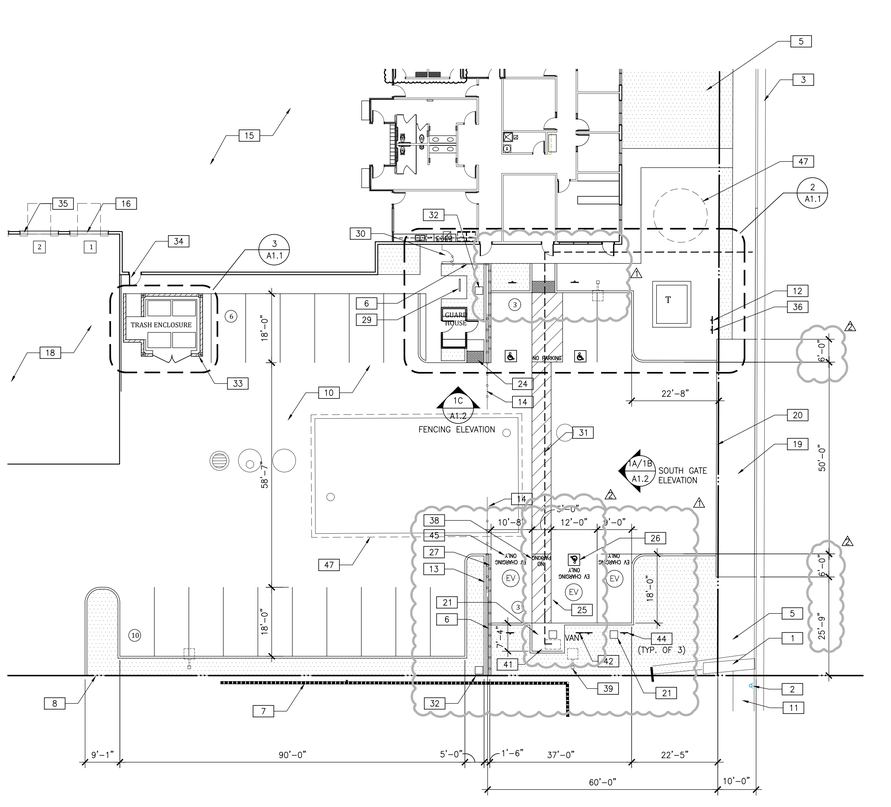


OVERALL SITE PLAN
SCALE: 1/32"=1'-0"



ENLARGED SITE PLAN
SCALE: 1/16"=1'-0"



ENLARGED SITE PLAN
SCALE: 1/16"=1'-0"

SITE PLAN NOTES

1. EXISTING STORM DRAIN CHANNEL TO REMAIN
2. EXISTING FIRE HYDRANT TO REMAIN
3. EXISTING CURB AND GUTTER TO REMAIN
4. TRANSFORMER – SEE ELECTRICAL
5. LANDSCAPING – SEE LANDSCAPING
6. WROUGHT-IRON FENCE – SEE DETAIL 1/A1.2
7. EXISTING BUILDING/CMU WALL TO REMAIN
8. PROPERTY LINE
9. EXISTING CONCRETE SWALE TO REMAIN
10. CONCRETE DRIVEWAY – SEE CIVIL
11. EXISTING SIDEWALK TO REMAIN
12. FIRE LANE ENTRY SIGNAGE – SEE DETAIL 7/A1.3
13. CONCRETE CURB – SEE CIVIL
14. WROUGHT-IRON GATE – SEE DETAILS 1B/A1.2, 1D/A1.2 & 23/A1.3
15. PRE-FAB STEEL BUILDING – SEE PRE-FAB PLANS
16. ROLL-UP DOOR – SEE DOOR SCHEDULE ON SHEET A9.0
17. 42" HIGH GUARD RAIL – SEE DETAIL 15/A1.3
18. DOCK WELL – SEE CIVIL
19. NEW CONCRETE APRON – SEE CIVIL
20. RIGHT OF WAY LINE
21. EV CHARGING STATION – SEE ELECTRICAL
22. CONCRETE SIDEWALK – SEE CIVIL – BROOM FINISH
23. ACCESSIBLE SIGNAGE – SEE DETAIL 10/A1.3
24. TRUNCATED DOMES – SEE DETAIL 2/A1.3
25. ACCESSIBLE LOADING ZONE – SEE DETAIL 1/A1.3 ⚠
26. ACCESSIBLE PARKING SYMBOL – SEE DETAIL 5/A1.3
27. CMU WALL – SPLIT FACE BLOCK – SEE CIVIL & DETAIL 1A/A1.2 & 6/A1.2
28. GUARD HOUSE BUILDING – SEE DETAIL 2/A1.1 & 3/A1.2
29. BIKE RACK – SEE LANDSCAPING
30. WROUGHT IRON MAN-GATE – 1A, 1D & 4 ON SHEET A1.2
31. ACCESSIBLE PATH OF TRAVEL (48" WIDE MIN., 2% MAX. SLOPE & 2% MAX CROSS-SLOPE) ⚠
32. GATE CONTROLLER – LIFT MASTER MODEL #CSL2400
33. TRASH ENCLOSURE – SEE DETAIL 3/A1.1 & 2/A1.2
34. MAN-DOOR – SEE DOOR SCHEDULE ON SHEET A9.0
35. LOADING DOCK BUMPER SEE DETAILS 19/A1.3 & 20/A1.3
36. ACCESSIBLE ENTRANCE SIGNAGE – SEE DETAIL 11/A1.3
37. BIKE LOCKERS – PARK WAREHOUSE MODEL# 930BR300-1-2-3 "GREY"
38. "NO PARKING" PAVEMENT MARKING – SEE DETAIL 8/A1.3 ⚠
39. YARD LIGHT – SEE ELECTRICAL
40. FIRE HYDRANT – SEE CIVIL
41. 30" X 52" CLEAR SPACE
42. ACCESSIBLE SIGNAGE – SEE DETAIL 4/A1.3
43. CURB RAMP – SEE DETAIL 1/A1.3
44. EV SIGNAGE – SEE DETAILS 24 & 25 ON SHEET A1.3
45. "EV CHARGING ONLY" PAVEMENT MARKING – SEE DETAIL 8/A1.3 SIMILAR
46. FUTURE LOCATION OF EV CHARGING STATIONS
47. STORM DRAIN SYSTEM – SEE CIVIL ⚠

SITE LEGEND

(X) PARKING COUNT

SITE DATA

SITE:

APN:	3128-231-04-0000	
ZONE:	LM	
SITE AREA:	(GROSS) 142,970 SF. = 3.28 ACRES	
	(NET) 132,400 SF. = 3.03 ACRES	
BUILDING AREA:	BUILDING 1	46,682 SF.
	GUARD HOUSE	60 SF.
TOTAL BUILDING AREA:		46,742 SF

PARKING:

OFFICE = 1 PER 250 S.F.: 2,747 / 250 = 11
WAREHOUSE = 1 PER 1000 UP TO 20K 20
1 PER 2000 FROM 20K – 40K 10
1 PER 4000 ABOVE 40K 2

TOTAL STALLS REQUIRED:	43 STALLS REQUIRED
TOTAL ACCESSIBLE STALLS REQUIRED:	2 STALLS (1 TO BE VAN ACCESSIBLE)
FUTURE EV STALLS REQUIRED:	2 STALLS
STANDARD STALLS: 9'-0" x 18'-0"	34
ACCESSIBLE: 17'-0" x 18'-0"	2
VAN ACCESSIBLE/FUTURE ACCESSIBLE EV STALL: 12'-0" x 18'-0"	1
FUTURE EV STALLS REQUIRED:	6
TOTAL STALLS PROVIDED:	43

LANDSCAPING:

13,317 SF. = 10.05%

BICYCLE SPACES

SHORT TERM BICYCLE PARKING:
5% OF TOTAL VEHICLE PARKING: 43 X .05 = 2.15 = 3 SPACES REQUIRED
TOTAL SHORT TERM STALLS PROVIDED: 3

LONG TERM BICYCLE PARKING:
5% OF TOTAL VEHICLE PARKING: 43 X .05 = 2.15 = 3 SPACES REQUIRED
TOTAL LONG TERM LOCKERS PROVIDED: 2 – SEE NOTE 22 ABOVE, EACH BOX ALLOWS FOR 2 BIKES

SITE PLAN GENERAL NOTES:

1. ALL DIMENSIONS ON SITE PLAN ARE TO BE FACE OF CONCRETE SLAB, FACE OF CONCRETE CURB, PROPERTY LINE, OR CENTERLINE OF PARKING STALL, U.O.N.
2. ALL PARKING STALL STRIPING SHALL BE PER LOCAL JURISDICTION STANDARDS.
3. CONCRETE WALK SHALL RECEIVE EXPANSION JOINTS AT 15'-0" O.C. MAX. AND CONTROL JOINTS AT 5'-0" O.C. MAX. BETWEEN EXPANSION JOINTS, U.O.N.
4. FOR ALL WORK OUTSIDE OF PROPERTY LINE – REFER TO CIVIL AND LANDSCAPING PLANS

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CHARLES NOLAN MANGRUM
C-33826
3/31/2022
GENERAL DAVID

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

SITE PLAN

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
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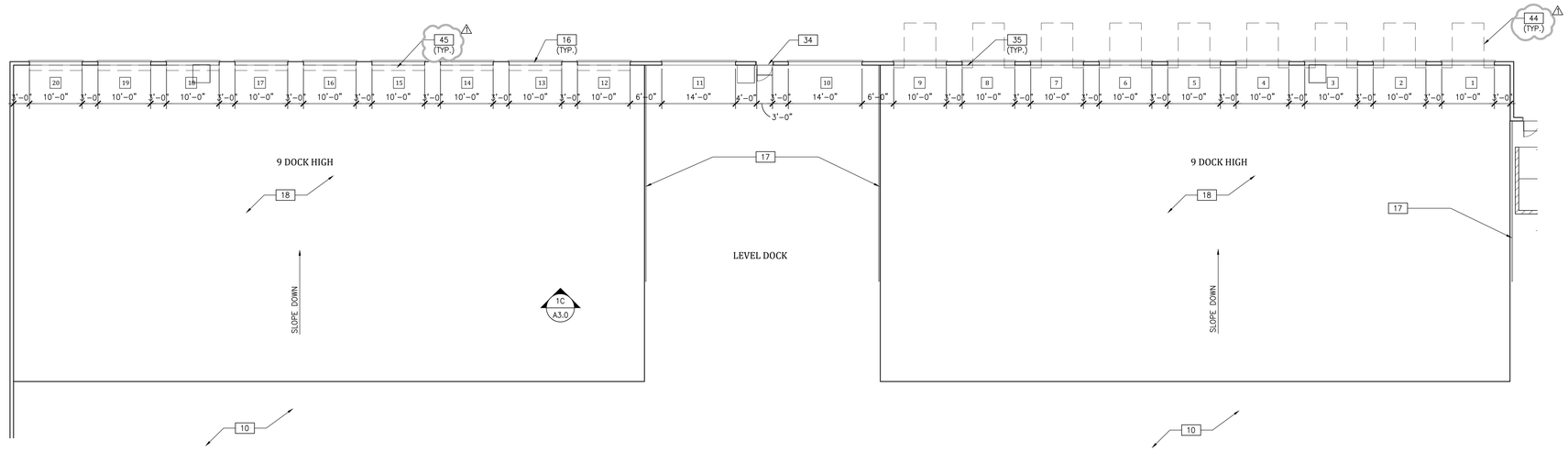
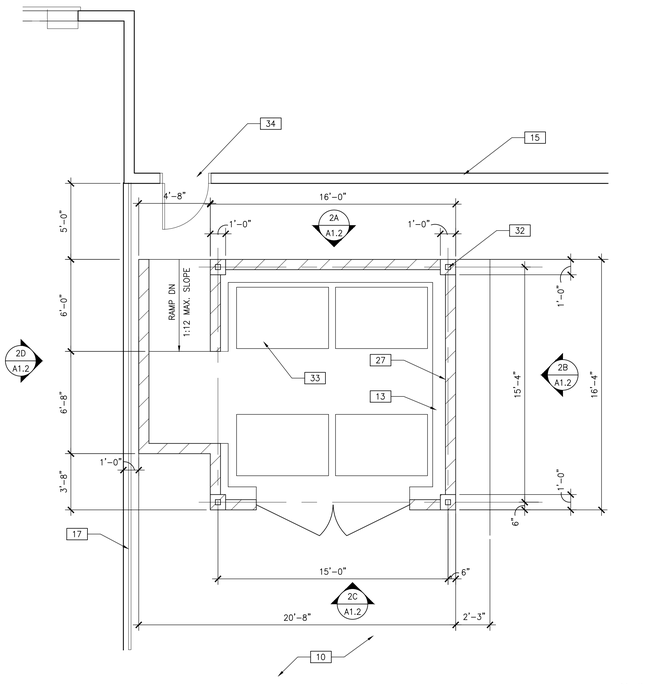


ENLARGED SITE PLAN

SCALE: 3/32"=1'-0"

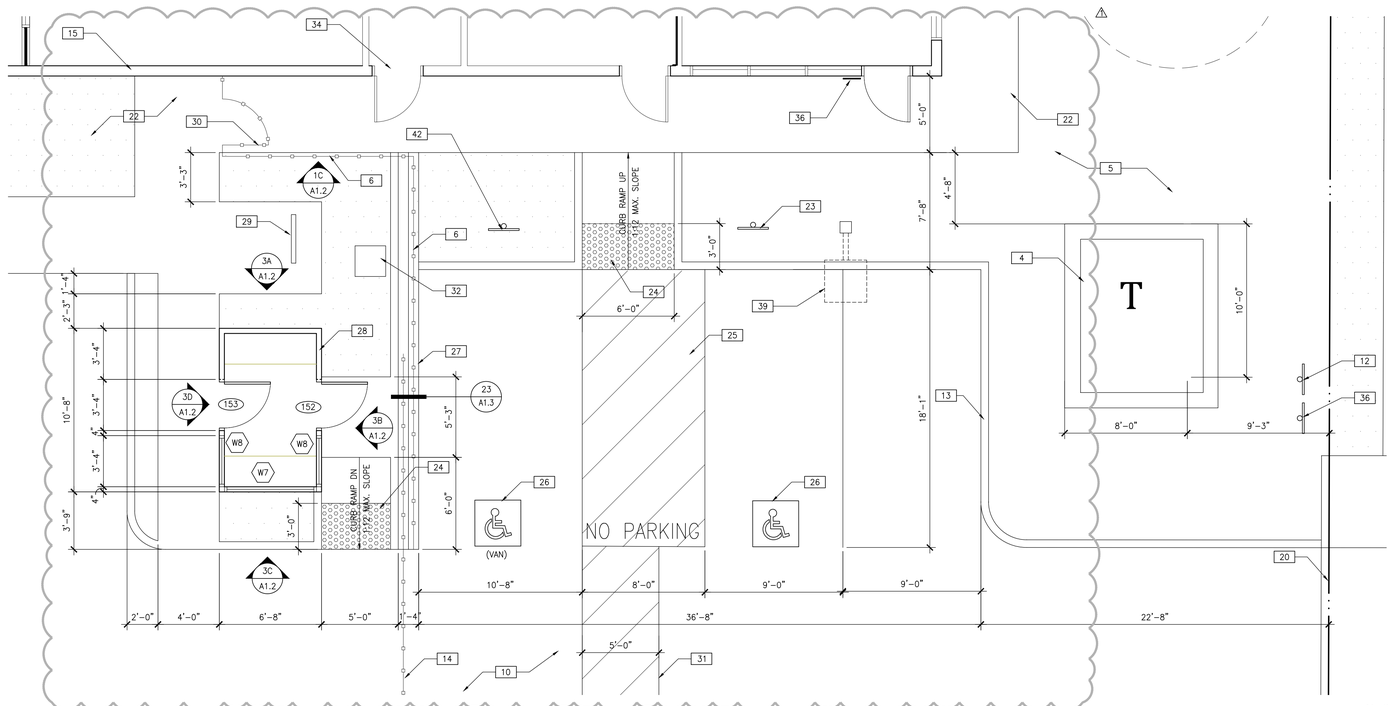
North



ENLARGED SITE PLAN

SCALE: 1/4"=1'-0"

North



ENLARGED SITE PLAN

SCALE: 1/4"=1'-0"

North

(##) WINDOW – SEE WINDOW SCHEDULE – SHEET A9.0

(###) DOOR – SEE DOOR SCHEDULE – SHEET A9.0

SITE PLAN NOTES

1. EXISTING STORM DRAIN CHANNEL TO REMAIN
2. EXISTING FIRE HYDRANT TO REMAIN
3. EXISTING CURB AND GUTTER TO REMAIN
4. TRANSFORMER – SEE ELECTRICAL
5. LANDSCAPING – SEE LANDSCAPING
6. WROUGHT-IRON FENCE – SEE DETAIL 1/A1.2
7. EXISTING BUILDING/CMU WALL TO REMAIN
8. PROPERTY LINE
9. EXISTING CONCRETE SWALE TO REMAIN
10. CONCRETE DRIVEWAY – SEE CIVIL
11. EXISTING SIDEWALK TO REMAIN
12. FIRE LANE ENTRY SIGNAGE – SEE DETAIL 7/A1.3
13. CONCRETE CURB – SEE CIVIL
14. WROUGHT-IRON GATE – SEE DETAILS 1B/A1.2, 1D/A1.2 & 23/A1.3
15. PRE-FAB STEEL BUILDING – SEE PRE-FAB PLANS
16. ROLL-UP DOOR – SEE DOOR SCHEDULE ON SHEET A9.0
17. 42" HIGH GUARD RAIL – SEE DETAIL 15/A1.3
18. DOCK WELL – SEE CIVIL
19. CONCRETE APRON – SEE CIVIL
20. RIGHT OF WAY LINE
21. EV CHARGING STATION – SEE ELECTRICAL
22. CONCRETE SIDEWALK – SEE CIVIL – BROOM FINISH
23. ACCESSIBLE SIGNAGE – SEE DETAIL 10/A1.3
24. TRUNCATED DOMES – SEE DETAIL 2/A1.3
25. ACCESSIBLE LOADING ZONE – SEE DETAIL 1/A1.3 ⚠1
26. ACCESSIBLE PARKING SYMBOL – SEE DETAIL 5/A1.3
27. CMU WALL – SPLIT FACE BLOCK – SEE CIVIL & DETAIL 1A/A1.2 & 6/A1.2
28. GUARD HOUSE BUILDING – SEE DETAIL 2/A1.1 & 3/A1.2
29. BIKE RACK – SEE LANDSCAPING
30. WROUGHT IRON MAN-GATE – 1A, 1D & 4 ON SHEET A1.2 ⚠1
31. ACCESSIBLE PATH OF TRAVEL (48" WIDE MIN., 2% MAX. SLOPE & 2% MAX CROSS-SLOPE)
32. GATE CONTROLLER – LIFT MASTER MODEL #CSL2400
33. TRASH ENCLOSURE – SEE DETAIL 3/A1.1 & 2/A1.2
34. MAN-DOOR – SEE DOOR SCHEDULE ON SHEET A9.0
35. LOADING DOCK BUMPER SEE DETAILS 19/A1.3 & 20/A1.3
36. ACCESSIBLE ENTRANCE SIGNAGE – SEE DETAIL 11/A1.3
37. BIKE LOCKERS – PARK WAREHOUSE MODEL# 930BR300-1-2-3 "GREY"
38. "NO PARKING" PAVEMENT MARKING – SEE DETAIL 8/A1.3 ⚠1
39. YARD LIGHT – SEE ELECTRICAL
40. FIRE HYDRANT – SEE CIVIL
41. 30" X 52" CLEAR SPACE
42. ACCESSIBLE SIGNAGE – SEE DETAIL 4/A1.3
43. CURB RAMP – SEE DETAIL 1/A1.3
44. DOCK LEVELERS (RITE-HITE MODEL RHH-4000 6'x8') – SEE DETAILS 17/A1.3 & 18/A1.3
45. EDGE OF DOCK LEVEL (RITE-HITE MODEL RHE-300-72") – SEE STRUCTURAL

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CHARLES NOLAN
ARCHITECT
C-33826
3/31/2023
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

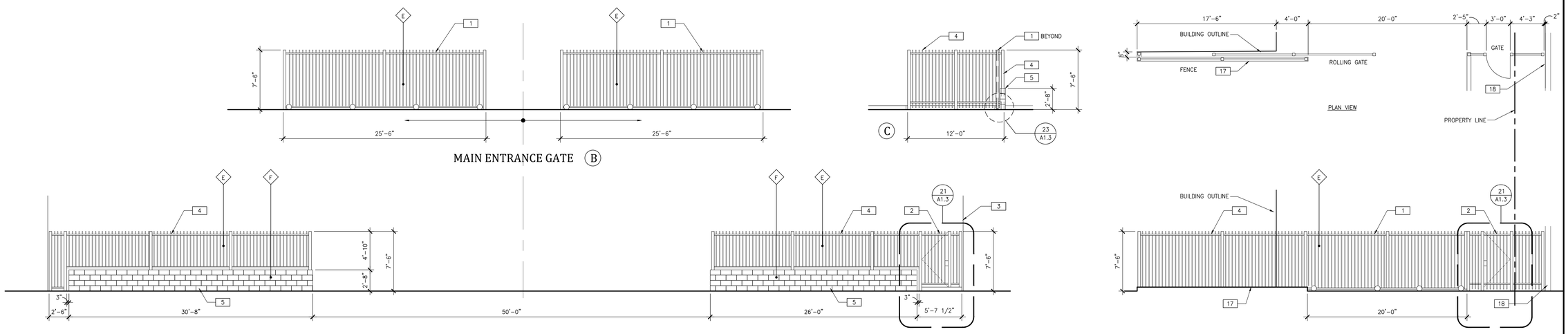
ENLARGED SITE PLAN

DATE:	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

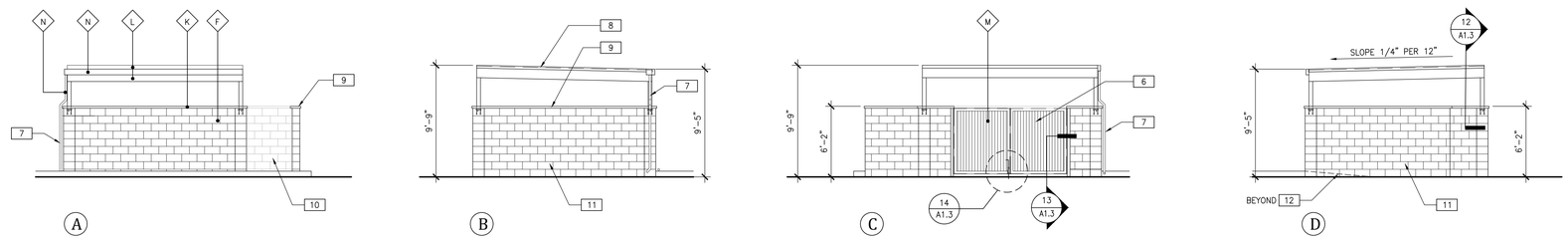
DRAWN BY: CNM

SHEET NUMBER: A1.1



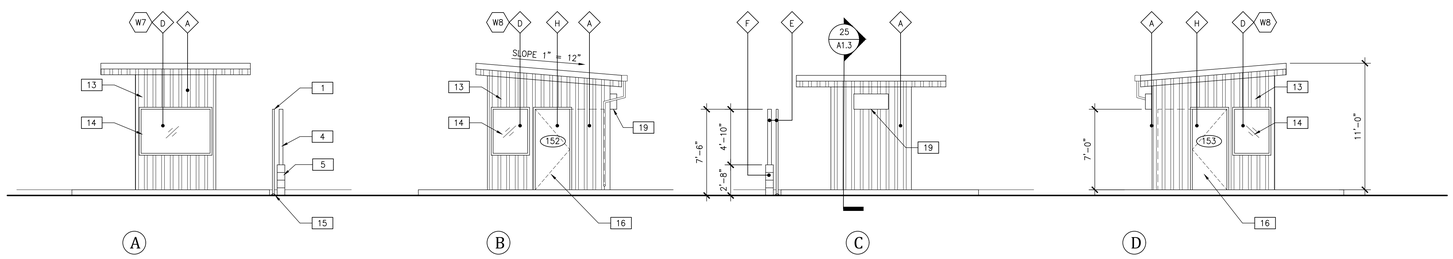
GATE / FENCING ELEVATIONS

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



TRASH ENCLOSURE ELEVATIONS

SCALE: 3/16"=1'-0" 2



GUARDHOUSE ELEVATIONS

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

EXTERIOR ELEVATION NOTES

1	WROUGHT-IRON ROLLING GATE
2	WROUGHT-IRON MAN GATE (3'-0" X 7'-6") - SEE DETAIL 21/A1.3
3	PRE-FAB METAL BUILDING
4	WROUGHT-IRON FENCING
5	CMU WALL (8"x8"x16") - SPLIT FACED BLOCK (FRONT AND BACK)
6	METAL GATES - SEE DETAIL 13/A1.3
7	DOWNSPOUT - SEE DETAIL 12/A1.3
8	METAL ROOF - SEE DETAIL 12/A1.3
9	2" STONE CAP - SEE DETAIL 12/A1.3 (SIM.)
10	CMU WALL (8"x8"x16") - SMOOTH INSIDE FACE
11	CMU WALL (8"x8"x16") SPLIT FACED BLOCK (OUTSIDE FACE), SMOOTH INSIDE FACE
12	ACCESSIBLE RAMP - 1:12 MAX. SLOPE
13	METAL SIDING TO MATCH MAIN BLDG. OVER WEATHER BARRIER OVER 3/4" PLYWOOD OVER METAL STUDS SEE DETAIL 25/A1.3
14	WINDOW - SEE WINDOW SCHEDULE ON SHEET A8.0
15	ROLLING GATE TRACK - SEE DETAIL 23/A1.3
16	METAL DOOR - SEE DOOR SCHEDULE ON SHEET A9.0
17	CONCRETE CURB - SEE CIVIL
18	EXISTING WALL TO REMAIN
19	MECHANICAL UNIT - SEE MECHANICAL

EXTERIOR FINISH LEGEND

A	FIELD COLOR - DESERT SAND
B	ROOF COLOR - CRIMSON RED
C	ROLL-UP DOOR - FERN GREEN
D	STOREFRONT GLASS SYSTEM - DUAL PANE, GREEN GLAZING, BRONZE ANODIZED FRAME
E	WROUGHT-IRON FENCING - BLACK
F	CMU - SPLIT FACE (SMOOTH AT INTERIOR WALLS OF TRASH ENCLOSURE)
G	RAILING - SAFETY YELLOW
H	HOLLOW METAL DOORS - DESERT SAND
J	CONCRETE RETAINING WALL - PAINTED WHITE
K	2" STONE CAP
L	TRASH ENCLOSURE ROOF STRUCTURE - DESERT SAND
M	TRASH ENCLOSURE GATES - FERN GREEN
N	TRASH ENCLOSURE ROOF GUTTER & DOWNSPOUT - DESERT SAND

(##) WINDOW - SEE WINDOW SCHEDULE - SHEET A9.0

(###) DOOR - SEE DOOR SCHEDULE - SHEET A9.0

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CHARLES NOLAN MANNOCCHI C-33826 3/31/2023 GENERAL DUTY

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

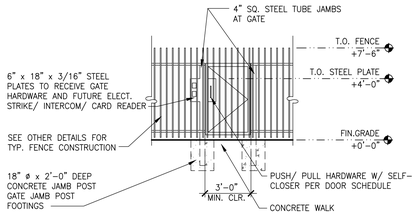
J.E., GUARDHOUSE & GATE ELEVATIONS

	DATE	REMARKS
	05/13/2022	PLANNING SUBMITTAL
	11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
	12/29/2022	1ST PLAN CHECK SUBMITTAL
1	05/16/2023	2ND PLAN CHECK SUBMITTAL
2	06/14/2023	3RD PLAN CHECK SUBMITTAL
3	08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

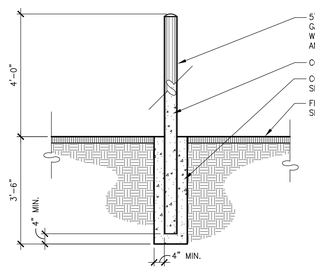
DRAWN BY: CNM

SHEET NUMBER: A1.2



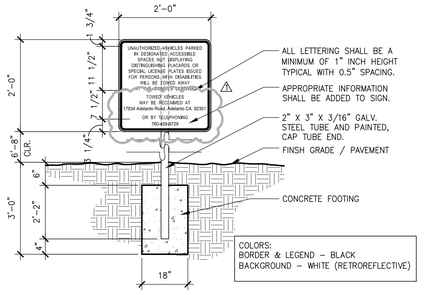
WROUGHT IRON GATE

SCALE: 1/4" = 1'-0" — WROUGHT IRON GATE — 21



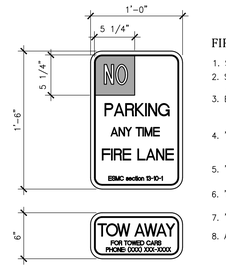
BOLLARD

SCALE: 1/2" = 1'-0" — Bollard — 16



ACCESSIBLE ENTRY SIGNAGE

SCALE: 3/4" = 1'-0" — ESIHC-Sign_access_entry-02 — 11

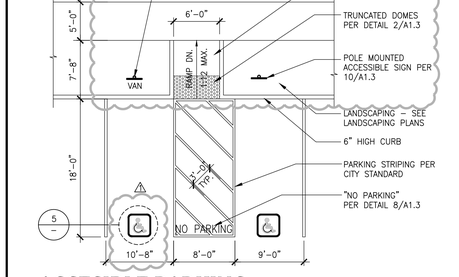


FIRE LANE SIGN SPECIFICATIONS

1. SIGN SIZES PER REFERENCED DIMENSIONS
2. SIGN STOCK SHALL BE .08 GAUGE, REFLECTORIZED ALUMINUM.
3. EXCEPT FOR "NO", ALL LETTERING SHALL BE RED REFLECTIVE MATERIAL NO WHITE REFLECTIVE BACKGROUND.
4. "NO" SHALL BE WHITE ON RED BACKGROUND, RED FIELD SHALL BE 5.25 INCHES HIGH X 5.25 INCHES WIDE.
5. "PARKING" AND "FIRE LANE" LETTERING SHALL BE 3 INCHES HIGH
6. "ANY TIME" LETTERING SHALL BE 1 1/2 INCHES HIGH
7. "TOW AWAY" LETTERING SHALL BE 2 INCHES HIGH
8. ALL OTHER LETTERING TO BE 3/4 INCHES IN HIGH

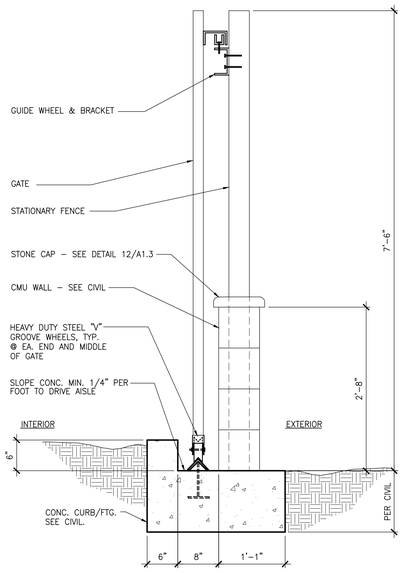
FIRELANE SIGNAGE

SCALE: 1–1/2"=1'-0" — FIRELAND SIGNAGE–01 — 6



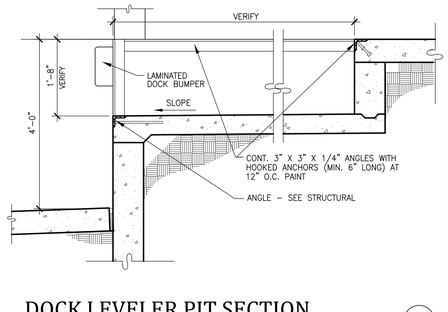
ACCESIBLE PARKING

SCALE: 1/8" = 1'-0" — Parking_Stalls–1 — 1



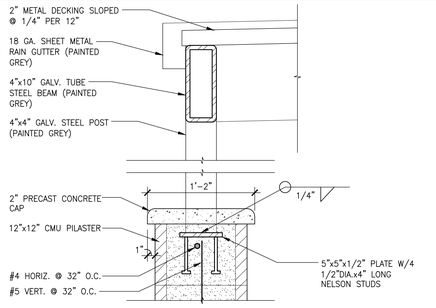
ROLLING GATE

SCALE: 1"=1'-0" — ROLLING GATE — 23



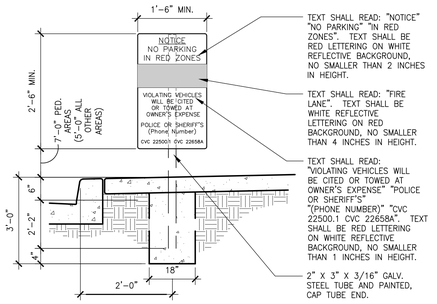
DOCK LEVELER PIT SECTION

SCALE: 3/4" = 1'-0" — PIT SECTION — 17



TRASH ENC. POST

SCALE: 1–1/2"=1'-0" — TRASH ENCLOSURE POST — 12

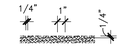


FIRELANE ENTRY SIGNAGE

SCALE: 3/4" = 1'-0" — ESIFI–Sign_firelane_entry_01 — 7

NOTE:

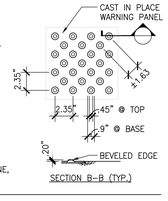
1. THE CURB RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 1" O.C.



RAMP BORDER GROOVING DETAIL

NOTE:

1. THE DETECTABLE WARNING SURFACE SHALL CONSIST OF RAISED TRUNCATED DOMES EXTENDING THE FULL WIDTH OF AND 3'–0" DEPTH OF THE SEPARATING VEHICLE DRIVE AISLES.
2. THE TRUNCATED DOME PANELS SHALL BE DEPRESSED IN THE CONCRETE LANDING OR APPROVED EQ.
3. THE RAISED TRUNCATED DOME PANELS SHALL BE CONCRETE, CASTINTACT – MANUF. MASCO. OR APPROVED EQUAL.
4. UNLESS PROHIBITED BY LOCAL AGENCY OR GOVERNING CODE, THE COLOR OF THE RAISED TRUNCATED DOMES SHALL BE " YELLOW "
5. THE EDGE OF THE RAISED TRUNCATED DOME PANEL NEAREST THE STREET SHALL BE 6" AND 8" FROM THE GUTTER FLOWLINE,

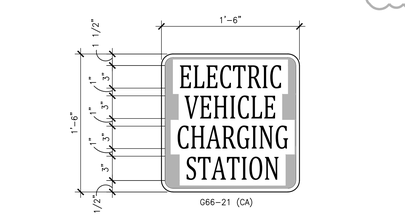


SECTION B–B (TYP.)

DETECTABLE WARNING / TRUNCATED DOMES

DETECTABLE WARNING

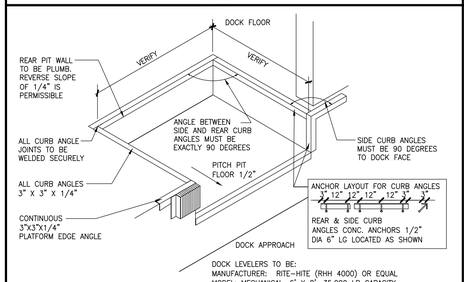
SCALE: 1–1/2"=1'-0" — TRUCKED DOMES — 2



COLOR:
BORDER & LEGEND – WHITE (RETROREFLECTIVE)
BACKGROUND – BLUE (RETROREFLECTIVE)

EV SIGN

SCALE: 1–1/2"=1'-0" — EV SIGN — 25

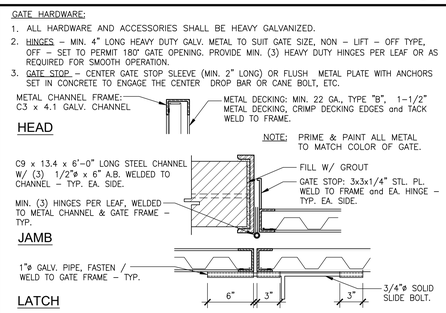


PIT LEVELER

SCALE: 1–1/2"=1'-0" — PIT LEVELER — 18

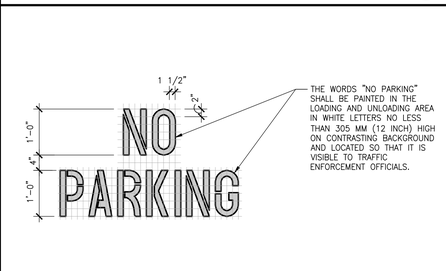
GATE HARDWARE:

1. ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY GALVANIZED.
2. HINGES – MIN. 4" LONG HEAVY DUTY GALV. METAL TO SUIT GATE SIZE, NON – LIFT – OFF TYPE, OFF – SET TO PERMIT 180° GATE OPENING. PROVIDE MIN. (3) HEAVY DUTY HINGES PER LEAF OR AS REQUIRED FOR SMOOTH OPERATION.
3. GATE STOP – CENTER GATE STOP SLEEVE (MIN. 2" LONG) OR FLUSH METAL PLATE WITH ANCHORS SET IN CONCRETE TO ENGAGE THE CENTER DROP BAR OR CANE BOLT, ETC.



TRASH ENC. DOOR / JAMB

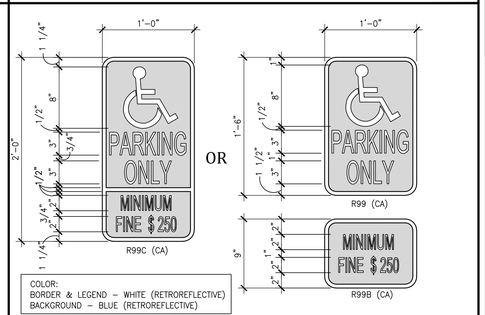
SCALE: 1–1/2"=1'-0" — TRASH ENCLOSURE DOOR JAMB — 13



THE WORDS "NO PARKING" SHALL BE PAINTED IN THE LOADING AND UNLOADING AREA IN WHITE LETTERS NO LESS THAN 305 MM (12 INCH) HIGH ON CONTRASTING BACKGROUND AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS.

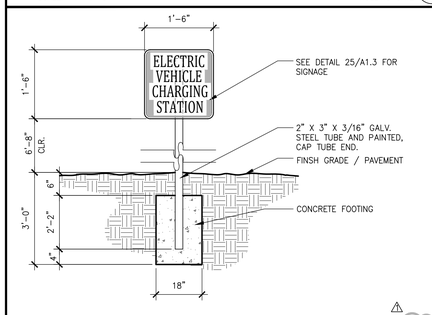
"NO PARKING" PAVEMENT MARKING

SCALE: 3/4"=1'-0" — ESIHC–No_Parking–01 — 8



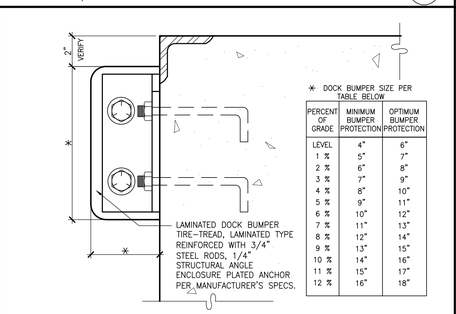
ACCESSIBLE SIGNS

SCALE: 1–1/2"=1'-0" — ESIHC–Sign_access–00 — 3



EV SIGNAGE

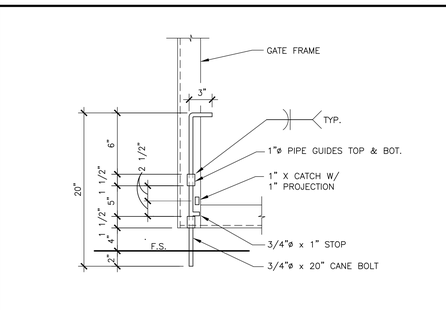
SCALE: 3/4" = 1'-0" — EV–SIGN–01 — 24



PERCENT OF GRADE	MINIMUM BUMPER PROTECTION	OPTIMUM BUMPER PROTECTION
LEVEL	4"	6"
1 %	5"	7"
2 %	6"	8"
3 %	7"	9"
4 %	8"	10"
5 %	9"	11"
6 %	10"	12"
7 %	11"	13"
8 %	12"	14"
9 %	13"	15"
10 %	14"	16"
11 %	15"	17"
12 %	16"	18"

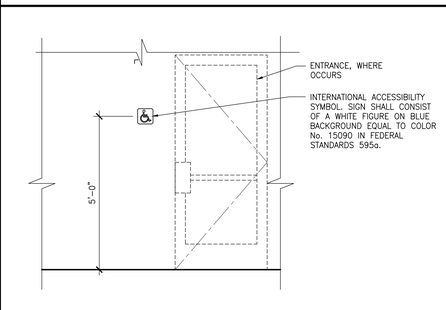
DOCK BUMPER

SCALE: 3"=1'-0" — DOCK BUMPER — 19



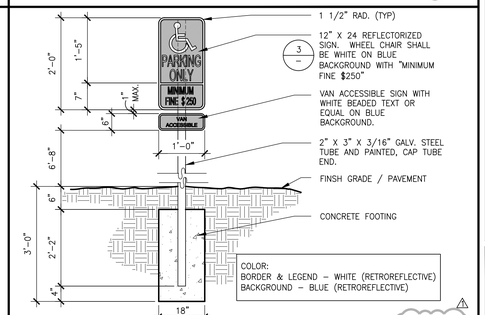
TRASH ENC. CANE BOLT

SCALE: 1–1/2"=1'-0" — TRASH ENCLOSURE CANE BOLT — 14



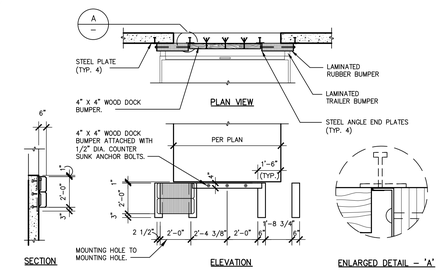
INT'L SYMBOL OF ACCESSIBILITY

SCALE: 1/2"=1'-0" — EDRMI–Intl_sumbol_accessbilty — 9



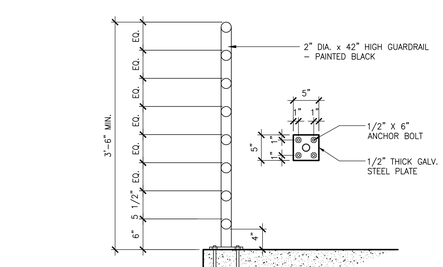
ACCESSIBLE SIGNAGE (VAN)

SCALE: 3/4"=1'-0" — ESIHC–Sign_access_–VAN — 4



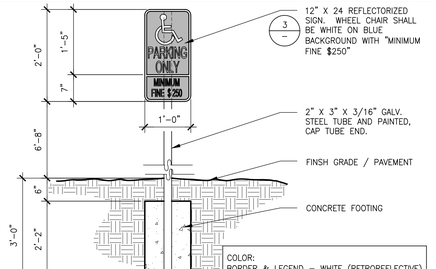
RUBBER BUMPER

SCALE: 1/4" = 1'-0" — EDROH–Rubber_bumper–01 — 20



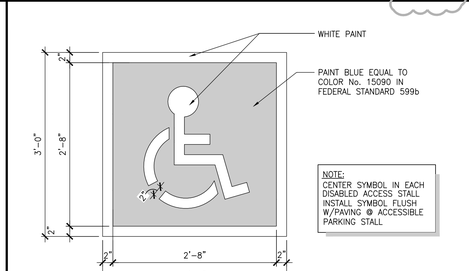
GUARDRAIL

SCALE: 1"=1'-0" — GUARDRAIL — 15



ACCESSIBLE SIGNAGE

SCALE: 3/4"=1'-0" — ESIHC–Sign_access_–01 — 10



NOTE:
CENTER SYMBOL IN EACH DISABLED ACCESS STALL INSTALL SYMBOL FLUSH W/PAVING @ ACCESSIBLE PARKING STALL

ACCESSIBLE STALL SYMBOL

SCALE: 1" = 1'-0" — ESIHC–Access_stall_symbol–02 — 5

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CHARLES NEAL AMERICA C-33676 5/31/2023 RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

SITE DETAILS

DATE:	REMARKS
05/13/2022	PLANNING SUBMITTAL
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12/29/2022	1ST PLAN CHECK SUBMITTAL
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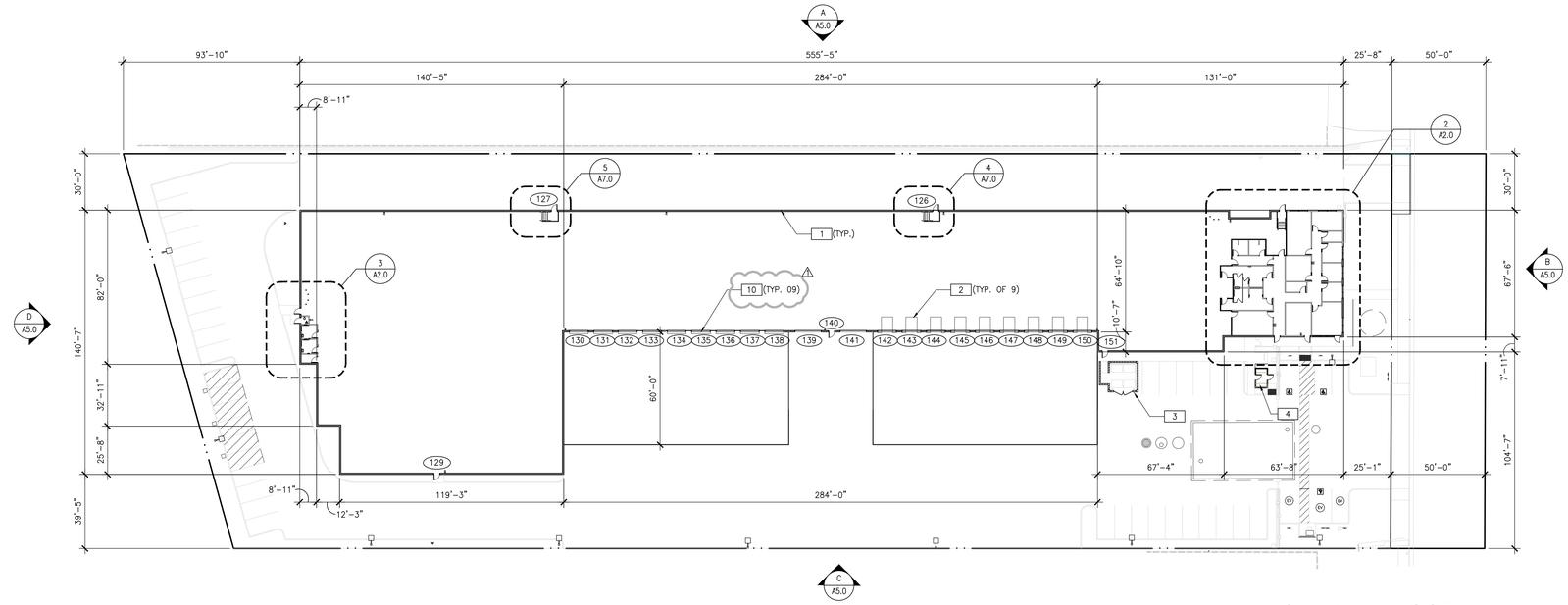
07/19/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY:

SHEET NUMBER: A1.3



OVERALL FLOOR PLAN

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

North

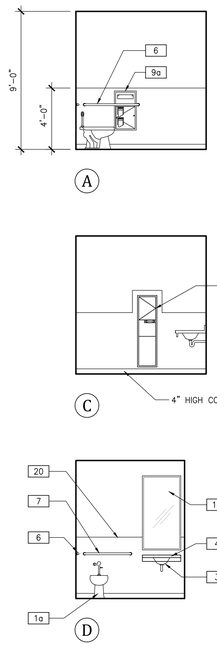
FLOOR PLAN NOTES

1. PRE-FAB BUILDING WALL – SEE PRE-FAB BUILDING PLANS
2. DOCK LEVELERS (RITE-HITE MODEL RHH-4000 6'x8') – SEE DETAILS 17/A1.3 & 18/A1.3
3. TRASH ENCLOSURE – SEE DETAIL 3/A1.1
4. GUARD HOUSE – SEE DETAIL 2/A1.1
5. MECHANICAL UNITS – SEE MECHANICAL
6. FIRE SPRINKLER RISER – DEFERRED SUBMITAL
7. BIKE LOCKERS – SEE NOTE 37 ON SHEET A1.1
8. ACCESSIBLE BENCHES – GLOBAL INDUSTRIAL ADA LOCKER ROOM BENCH TOP WITH WALL MOUNTS. 48" WIDE X 20" DEEP X 1 1/4" THICK. TOP OF SEAT TO BE MOUNTED @ 17" MIN. – 19" MAX. A.F.F.
9. BOLLARD – SEE DETAIL 16/A1.3
10. EDGE OF DOCK LEVEL (RITE-HITE MODEL RHE-300-72") – SEE STRUCTURAL

FLOOR PLAN LEGEND

- FULL HIEGHT WALL – 6" x 20 GA MIN. METAL STUDS @ 16" O.C. – 2A A10.2
- PRE-FAB BUILDING WALLS – SEE PRE-FAB BUILDING PLANS
- 4" x 20 GA MIN METAL STUDS @ 16" O.C. – 2B A10.2
- WINDOW – SEE WINDOW SCHEDULE – SHEET A9.0
- DOOR – SEE DOOR SCHEDULE – SHEET A9.0
- FIRE SPRINKLER RISER – PLANS AND DETAILS UNDER DEFERRED SUBMITTAL
- FE – WALL MOUNTED POTTER ROEMER FIRE EXTINGUISHER 2-A 10: B-C
- FEC – RECESSED FIRE EXTINGUISHER CABINET – POTTER ROEMER, ALTA 7008-A, WHITE WITH POTTER ROEMER FIRE EXTINGUISHER 2-A 10: B-C REFER TO DETAIL 13/A10.1

REFER TO HEIGHT REQUIREMENTS ON SHEET A7.0, A10.0 AND DETAILS PER KEYNOTES BELOW



1a WATER CLOSET – FULLY ACCESSIBLE, FLOOR-MOUNTED WITH FLUSH VALVE. SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.

4 SOLID SURFACE COUNTERTOP WITH 4" HIGH BACKSPLASH AND WITH 5" EASED FRONT EDGE. FINISH TO BE DETERMINED.

6 42" GRAB BAR – TOILET COMPARTMENT SIDE GRAB BAR, BOBRICK B-6806x42, 42"L X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2562 CONCEALED ANCHOR PLATES. REFER TO DETAIL 25/A10.2

7 36" GRAB BAR – TOILET COMPARTMENT REAR GRAB BAR, BOBRICK B-6806x36, 36L" X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2562 CONCEALED ANCHOR PLATES. REFER TO DETAIL 25/A10.2

9a PAPER TOWEL DISPENSER & WASTE RECEPTACLE, RECESSED – BOBRICK B-3944

11 TOILET SEAT COVER DISPENSER & TOILET TISSUE DISPENSER, RECESSED – BOBRICK B-34745. (MEN'S & UNISEX)

13 MIRROR AT SINK – 24" WIDE x 4'-4" HIGH – FIRST QUALITY MIRROR WITH BEVELED EDGES.

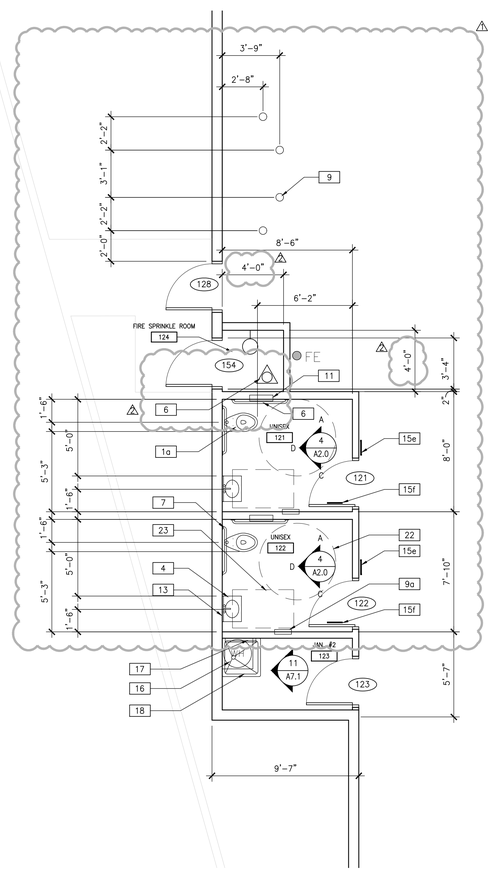
20 FRP ON WET WALLS ONLY – FINISH T.B.D.

ENLARGED UNISEX R.R. ELEV.

SCALE: 1/4"=1'-0"

4

REFER TO KEYNOTES ON SHEETS A7.0, A7.1 & A10.0



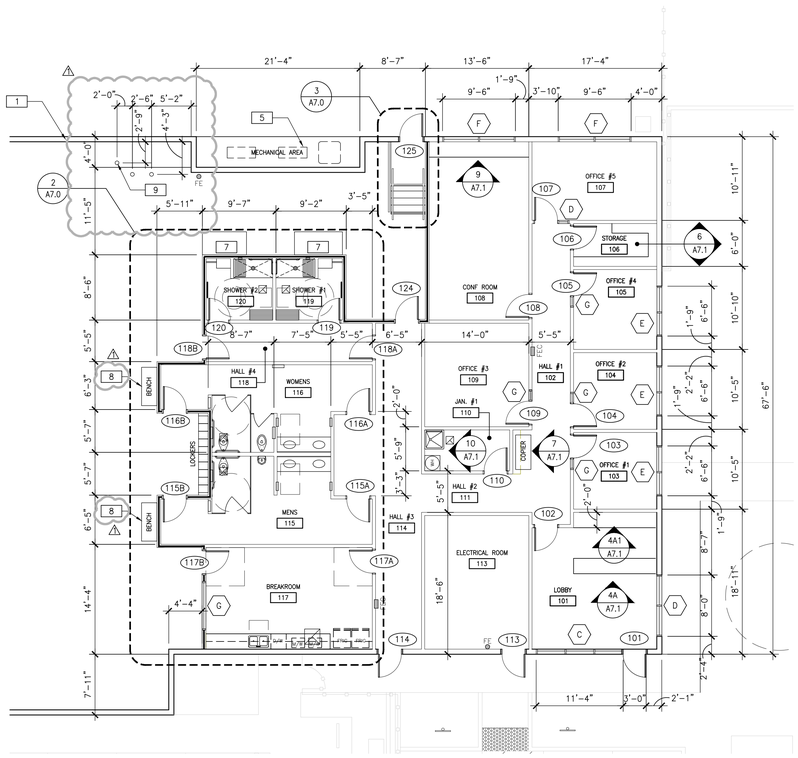
ENLARGED FLOOR PLAN

SCALE: 1/4"=1'-0"

3

North

REFER TO SHEET A0.2 FOR EXITING SIGNS AND NOTES



ENLARGED FLOOR PLAN

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

2

North

FLOOR PLAN GENERAL NOTES

1. CONTRACTOR AND ARCHITECT TO REVIEW & APPROVE CHALK LINES OF PARTITION LAYOUT PRIOR TO COMMENCEMENT OF PARTITION CONSTRUCTION.
2. EXTEND ALL STUDS AND WALL MATERIALS TO CONSTRUCTION ABOVE, UNLESS OTHERWISE INDICATED.
3. ALL CONDUIT PIPING IN ELECTRICAL ROOM TO BE CONCEALED WITHIN THE WALL CONSTRUCTION.
4. DOOR OPENINGS IN PARTITIONS NOT DIMENSIONED ARE TO BE LOCATED WITHIN 0'-4" OF ADJACENT PERPENDICULAR PARTITION.
5. CONTRACTOR SHALL USE 3-5/8" METAL STUDS MINIMUM AT ALL PLUMBING WALLS. CONTRACTOR TO VERIFY ACTUAL DEPTH REQUIRED, ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT.
6. USE WATER RESISTANT GYPSUM BOARD AT ALL AREAS SUBJECT TO MOISTURE OR WHERE TILE IS USED.
10. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
11. ALL HOT WATER LINES SHALL BE PROPERLY INSULATED. SEE PLUMBING DRAWINGS.
12. ALL PLUMBING CLEAN-OUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. CONTRACTOR SHALL COORDINATE ALL CLEAN-OUT LOCATIONS WITH EQUIPMENT, AND CABINETS. SUBMIT A PLAN OF ALL PROPOSED LOCATIONS TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
13. CONTRACTOR TO VERIFY LOCATION OF ALL SWITCHES WITH ARCHITECT PRIOR TO INSTALLATION.
14. PROVIDE AND INSTALL ALL NECESSARY WALL BACKING, STIFFENERS, BRACING, BACK-UP PLATES AND/ OR SUPPORTING BRACKETS AS REQUIRED FOR THE INSTALLATION OF WALL-MOUNTED OR SUSPENDED EQUIPMENT OR BUILT-IN ITEMS. VERIFY REQUIREMENTS WITH MANUFACTURERS PRIOR TO INSTALLATION. SUPPLY CATALOG CUT SHEETS FOR ARCHITECT'S APPROVAL.
15. PROVIDE AND INSTALL ALL NECESSARY ELECTRICAL CONNECTIONS AND PLUMBING SUPPLY, FITTINGS & CONNECTORS TO COMPLETE INSTALLATION OF APPLIANCES & EQUIPMENT INDICATED ON PLAN. VERIFY REQUIREMENTS WITH MANUFACTURERS PRIOR TO INSTALLATION. SUPPLY CATALOG CUT SHEETS FOR ARCHITECT'S APPROVAL.
16. EXACT LOCATION OF FIRE EXTINGUISHER CABINETS TO BE CONFIRMED WITH ARCHITECT BEFORE INSTALLATION. PROVIDE ADDITIONAL FIRE EXTINGUISHERS & CABINETS AS REQUIRED BY THE FIRE DEPARTMENT FIELD INSPECTORS.
17. CONTRACTOR TO VERIFY LOCATION OF ALL LIGHT SWITCHES AND THERMOSTATS WITH ARCHITECT PRIOR TO INSTALLATION.
18. ALL EXITS SHALL HAVE EXIT SIGNS AND ALL BLIND CORRIDOR TURNS SHALL HAVE DIRECTIONAL EXIT SIGNS.
19. PREPARE ALL FLOOR SURFACES AS REQUIRED TO RECEIVE FINISHES AS NOTED ON FINISH PLAN, ENLARGED FINISH PLANS & FINISH LEGEND.
20. UNLESS OTHERWISE NOTED, ALL GYPSUM BOARD SURFACES, WALLS, AND CEILINGS SHALL BE TAPED, SANDED SMOOTH TO A "LEVEL 4" FINISH, SO AS TO RECEIVE PAINT OR WALL COVERING MATERIAL.
21. PROVIDE SOUND INSULATION AT PERIMETER WALLS OF RESTROOMS, LOBBY, STAIRS, AND ACROSS CEILING OF RESTROOMS TO CREATE AN ACOUSTIC ENVELOPE, UNLESS NOTED OTHERWISE.
22. REFER TO PLUMBING, CIVIL AND SITE PLANS, FOR SIZE AND ROUTING OF ROOF DRAINAGE CONNECTION TO UNDERGROUND STORM DRAIN OR RUN TO DAYLIGHT AS SHOWN.

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CHARLES NOLAN MINOGUE C-33826 3/1/2022 GENERAL CLASS

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

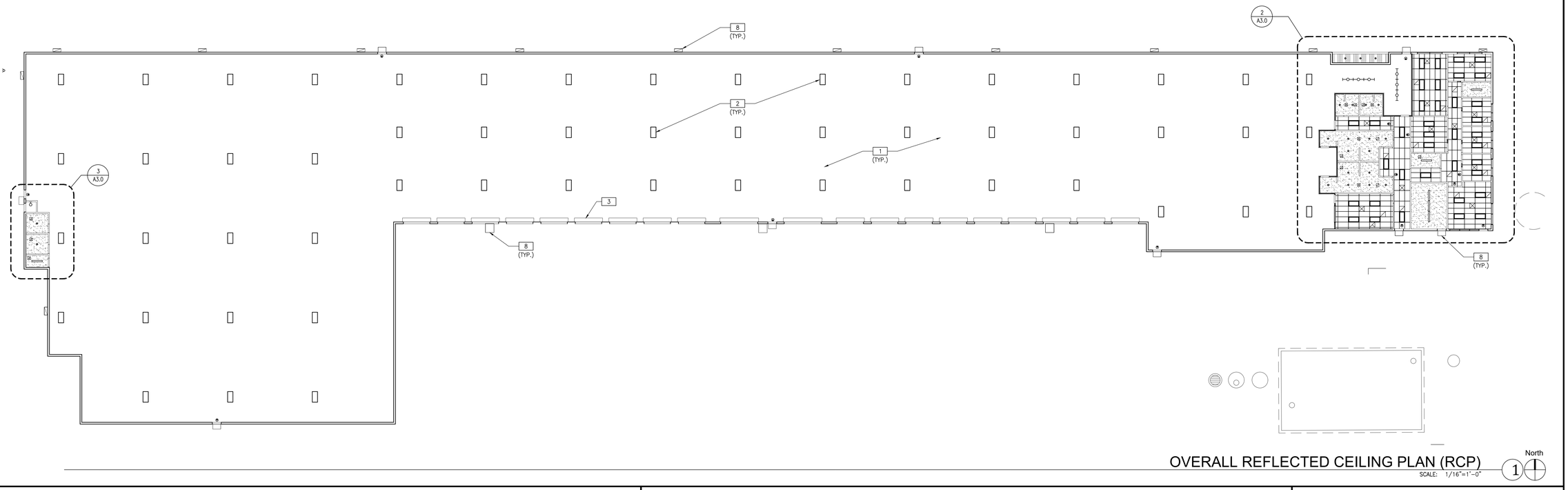
FLOOR PLAN

DATE:	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY: CNM

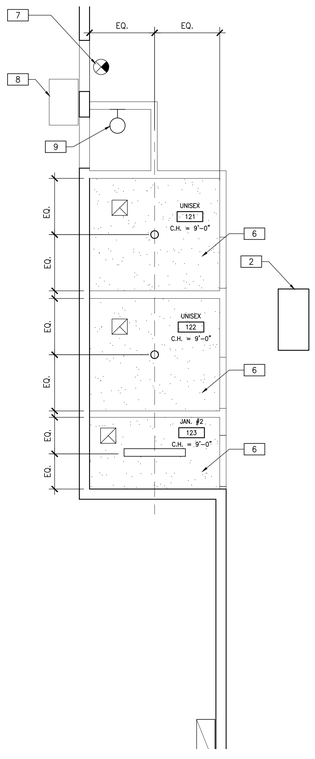
SHEET NUMBER: A2.0



OVERALL REFLECTED CEILING PLAN (RCP)

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

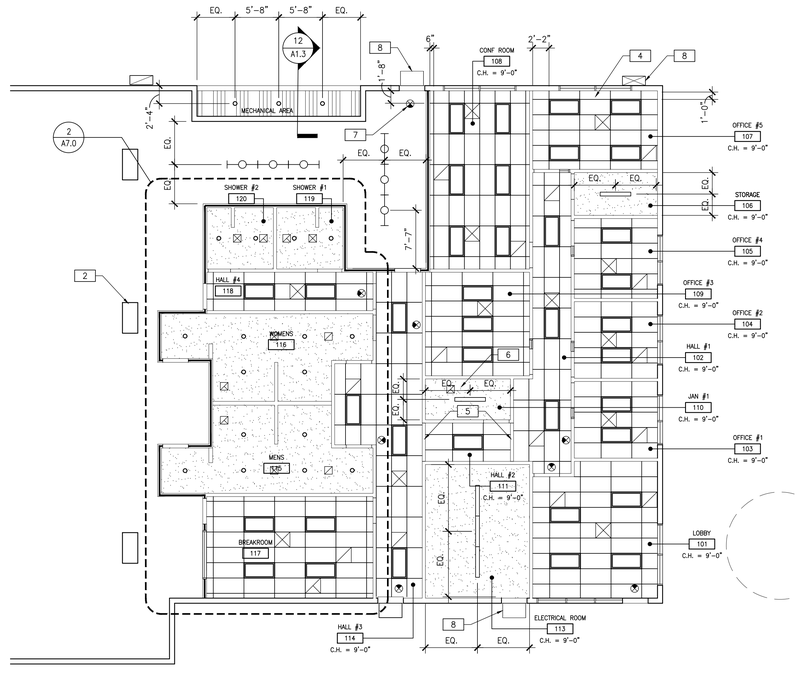
1 North



ENLARGED RESTROOM/JANITOR #2 RCP

SCALE: 1/4"=1'-0"

3 North



ENLARGED OFFICE RCP

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

2 North

RCP NOTES

1. OPEN TO ROOF ABOVE
2. WAREHOUSE LIGHTING – SEE ELECTRICAL
3. ROLL-UP DOOR – SEE SHEET A9.0
4. 2x4 $\frac{15}{16}$" GRID CEILING WITH ACOUSTICAL TILE (SECOND LOOK OR SIMILAR)
5. SOFFIT @ 8'-10"-0" – SEE DETAIL 16/A10.0
6. HARDLID CEILING – SEE DETAIL 17/A10.0
7. EMERGENCY LIGHT – SEE ELECTRIAL
8. EXTERIOR LIGHT FIXTURE – SEE ELECTRICAL & SHEET A5.0
9. INTERIOR WALL MOUNTED LIGHT FIXTURE – SEE ELECTRICAL

RCP LEGEND

- T-BAR SYSTEM AND CEILING TILES – SEE DETAIL 25/A10.0
- GYP. BD. CEILING SEE DETAIL 17/A10.0
- 2x4 LED LIGHT FIXTURE – SEE ELECTRICAL
- 4' LED SURFACE MOUNTED STRIP LIGHT FIXTURE – SEE ELECTRICAL
- LED DOWNLIGHT FIXTURE – SEE ELECTRICAL
- EMERGENCY LIGHT – SEE ELECTRICAL
- SUPPLY AIR GRILLE – SEE MECHANICAL
- RETURN AIR GRILLE – SEE MECHANICAL
- HANGING 2x4 LED LIGHT FIXTURE – (WAREHOUSE) SEE ELECTRICAL
- HANGING 4' LED SURFACE MOUNTED STRIP LIGHT FIXTURE (WAREHOUSE) SEE ELECTRICAL

RCP GENERAL NOTES

1. SEE ELECTRICAL ENGINEERING DRAWINGS FOR SPECIFICATIONS OF NEW BUILDING STANDARD LIGHT FIXTURES, SWITCHES, EXIT SIGNS, ETC.
2. THE MEANS OF EGRESS TRAVEL SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE FLOOR LEVEL.
3. EMERGENCY LIGHTING SHALL BE (2) SEPARATE SOURCES OF POWER AND SHALL COMPLY WITH THE NEC.
4. WHERE DISCREPANCIES IN LOCATION OF LIGHT FIXTURES, AIR DIFFUSERS, GRILLES, ETC. OCCUR ON THE ELECTRICAL ENGINEERING PLANS, THE ARCHITECTURAL PLANS SHALL GOVERN. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR CLARIFICATIONS.
5. FIELD VERIFY ALL CLEARANCES OF DUCTS, PIPES, SPRINKLERS, ETC., AND NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION OF LIGHTS, ETC.
6. PLACEMENT OF LIGHT FIXTURES IN AREAS WHERE MAIN DUCTS MAY CAUSE INTERFERENCE MUST BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
7. CONDUIT ABOVE CEILING MUST BE A MINIMUM OF 12" ABOVE THE CEILING GRID.
8. NO COMBUSTIBLE MATERIALS SHALL BE USED IN THE PLENUM SPACE, INCLUDING ALUMINUM FLEX, ALUMINUM CONDUIT, AND POT METAL CONNECTORS.
9. ALL JUNCTION BOXES AND MECHANICAL EQUIPMENT REQUIRING ACCESS FOR SERVICE SHALL BE LOCATED OVER ACOUSTICAL CEILINGS. NO ACCESS HATCHES SHALL BE INSTALLED IN GYPSUM BOARD CEILINGS WITHOUT PRIOR APPROVAL BY ARCHITECT. (NO EXCEPTION)
10. ALL SPRINKLER HEADS AT HARD-LID CEILINGS ARE TO BE FULLY RECESSED AND CONCEALED. HEADS ARE TO BE CENTERED BETWEEN LIGHTS IN A UNIFORM ARCHITECTURAL PATTERN. G.C. TO PROVIDE A SUBMITTAL WITH SPRINKLER HEAD LOCATIONS FOR ARCHITECT'S APPROVAL PRIOR TO INSTALLATION.
11. ALL HARD-LID CEILINGS ARE TO BE INSTALLED WITH LINEAR DIFFUSERS. G.C. TO PROVIDE A SUBMITTAL WITH ALL LINEAR DIFFUSER LOCATIONS PRIOR TO INSTALLATION.
12. LOCATE RECESSED DOWN LIGHTS, WALL WASHERS, SMOKE DETECTORS, EXIT SIGNS, SPEAKERS, FIRE SPRINKLERS, ETC. IN CENTER OF 24"x24" CEILING TILES OR IN CENTER OF 24"x24" PORTION OF 24"x48" CEILING TILES, UNLESS OTHERWISE NOTED.
13. PROVIDE SWITCHES AND LIGHT SENSORS FOR OPEN AREAS AND PRIVATE OFFICES. ACTUAL LOCATION OF ALL SWITCHES TO BE DETERMINED BY ELECTRICAL ENGINEER.
14. WHERE EXIT SIGNS ARE REQUIRED PER STATE & LOCAL CODES, THEY SHALL BE ILLUMINATED PER SAID CODES AND THE NEC. LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT.
15. PROVIDE BACK-UP POWER FOR EXIT SIGNS PER STATE & LOCAL CODES.

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CHARLES NOLAN
ARCHITECT
C-33826
3/1/2022
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

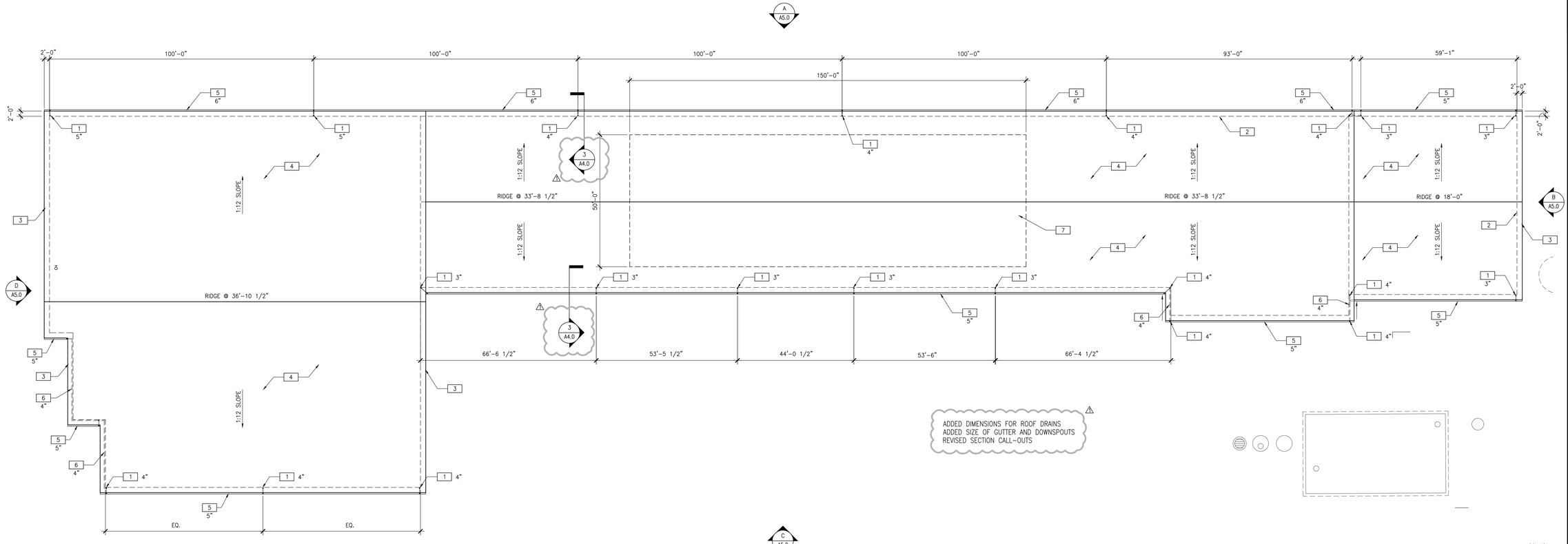
REFLECTED CEILING PLAN

	DATE:	REMARKS
	05/13/2022	PLANNING SUBMITTAL
	11/11/2022	FIRE / PLANNING DEPARTMENT SUBMITTAL
	12/29/2022	1ST PLAN CHECK SUBMITTAL
1	05/16/2023	2ND PLAN CHECK SUBMITTAL
2	07/14/2023	3RD PLAN CHECK SUBMITTAL
3	08/04/2023	CONSTRUCTION SET

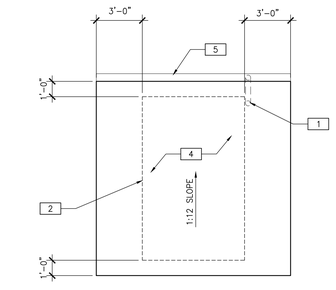
DATE: 05/13/2022

DRAWN BY: CNM

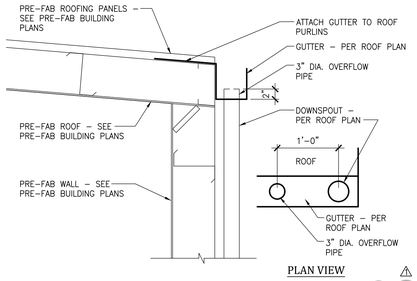
SHEET NUMBER: A3.0



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



GUARDHOUSE ROOF PLAN
SCALE: 1/4"=1'-0"



PLAN VIEW

GUTTER & DOWNSPOUT
SCALE: 1" = 1'-0"

ROOF PLAN NOTES

SEE SHEET A0.1 FOR FLOOR PLAN GENERAL NOTES

1. DOWNSPOUT – SEE DETAIL 3/A4.0
2. BUILDING OUTLINE BELOW
3. 3'-0" PRE-FAB BUILDING OVERHANG – SEE PRE-FAB PLANS
4. PRE-FAB BUILDING ROOF – SEE PRE-FAB PLANS
5. ROOF GUTTER – SEE DETAIL 3/A4.0
6. ROOF DRAIN LEADER
7. FUTURE SOLAR ZONE – SEE CALCULATION BELOW

SOLAR ZONE CALCULATION

TOTAL ROOF AREA = 49,534 SF.

SOLAR ZONE REQUIRED (49,534 SF. x 0.15 = 7,430 SF.)

TOTAL SOLAR ZONE PROVIDED = 7,500 SF.

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3/31/2023
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

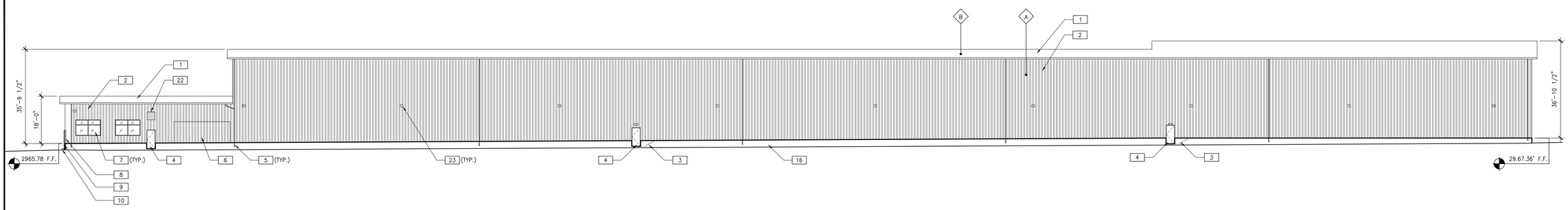
ROOF PLAN

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

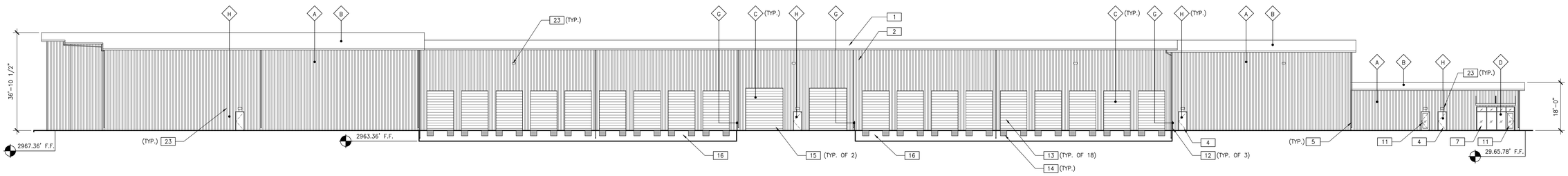
DRAWN BY: CNM

SHEET NUMBER:
A4.0



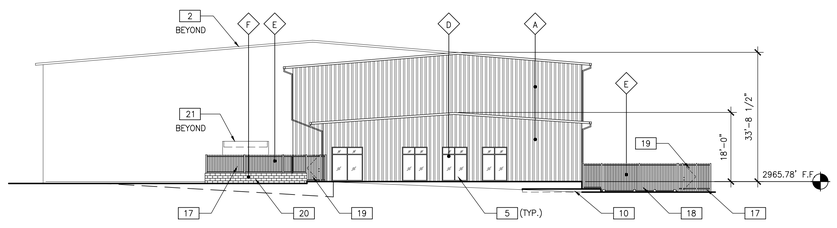
NORTH ELEVATION

SCALE: 1/16"=1'-0" (1)



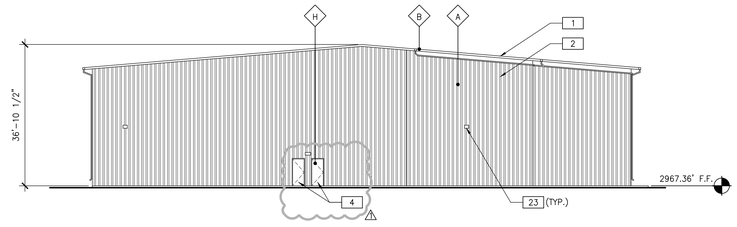
SOUTH ELEVATION

SCALE: 1/16"=1'-0" (2)



EAST ELEVATION

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



WEST ELEVATION

SCALE: 1/16"=1'-0" (4)

EXTERIOR ELEVATION NOTES

1	PRE-FAB METAIL ROOF – SEE PRE-FAB PLANS
2	PRE-FAB METAL BUILDING – SEE PRE-FAB PLANS
3	CONCRETE STAIRS BEYOND
4	HOLLOW METAL MAN DOOR – SEE SHEETS A2.0 & A8.0
5	DOWNSPOUT – SEE DETAIL
6	MECHANICAL AREA – SEE SHEET A2.0
7	STOREFRONT WINDOW SYSTEM – SEE SHEET A2.0 & A8.0
8	WROUGHT-IRON FENCING – SEE DETAIL 1/A1.2
9	WROUGHT-IRON ROLLING GATE – SEE DETAIL 1/A1.2
10	CONCRETE CURB – SEE CIVIL AND DETAIL 1/A1.2
11	STOREFRONT GLASS DOOR – SEE SHEET A8.0
12	42" HIGH GUARDRAIL – SEE DETAIL 15/A1.3
13	10'-0"W x 15'-0"H METAL ROLL-UP DOOR – SEE SHEET A8.0
14	DOCK BUMPER – SEE DETAIL 19/A1.3
15	14'-0"W x 16'-0"H METAL ROLL-UP DOOR – SEE SHEET A8.0
16	CONCRETE STEM WALL – SEE STRUCTURAL
17	WROUGHT-IRON FENCING – SEE DETAIL 1/1.2
18	WROUGHT-IRON ROLLING GATE – SEE DETAIL 1/1.2
19	WROUGHT-IRON MAN GATE (3'-0" X 7'-6") – SEE DETAIL 1/A1.2
20	8" x 8" x 16" SPLIT FACED BLOCK – SEE DETAIL 1/A1.2
21	GUARDHOUSE BEYOND – SEE DETAIL 2/A1.1 & 3/A1.2
22	MECHANICAL LOUVER – SEE MECHANICAL
23	EXTERIOR LIGHT FIXTURES – SEE ELECTRICAL

EXTERIOR FINISH LEGEND

A	FIELD COLOR – DESERT SAND
B	ROOF COLOR – CRIMSON RED
C	ROLL-UP DOOR – FERN GREEN
D	STOREFRONT GLASS SYSTEM – DUAL PANE, GREEN GLAZING, BRONZE ANODIZED FRAME
E	WROUGHT-IRON FENCING – BLACK
F	CMU – SPLIT FACE (SMOOTH AT INTERIOR WALLS OF TRASH ENCLOSURE)
G	RAILING – SAFETY YELLOW
H	HOLLOW METAL DOORS – DESERT SAND
J	CONCRETE RETAINING WALL – PAINTED WHITE
K	2" STONE CAP – SEE DETAIL
L	TRASH ENCLOSURE ROOF STRUCTURE – DESERT SAND
M	TRASH ENCLOSURE GATES – FERN GREEN

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CHARLES NOLAN HARRISON
C-33826
3/31/2023
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

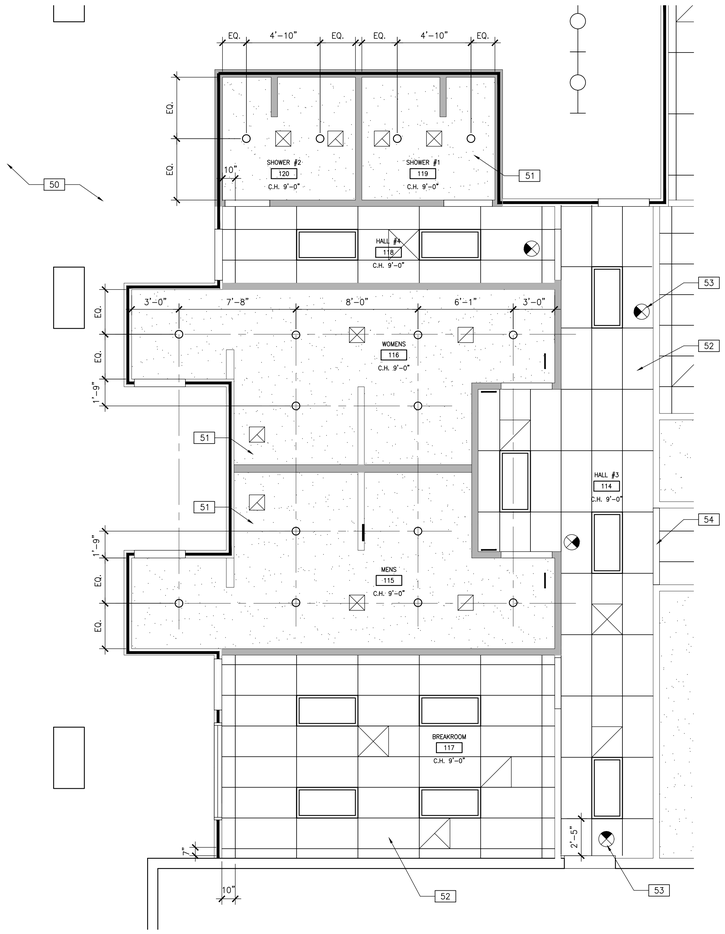
EXTERIOR ELEVATIONS

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
07/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

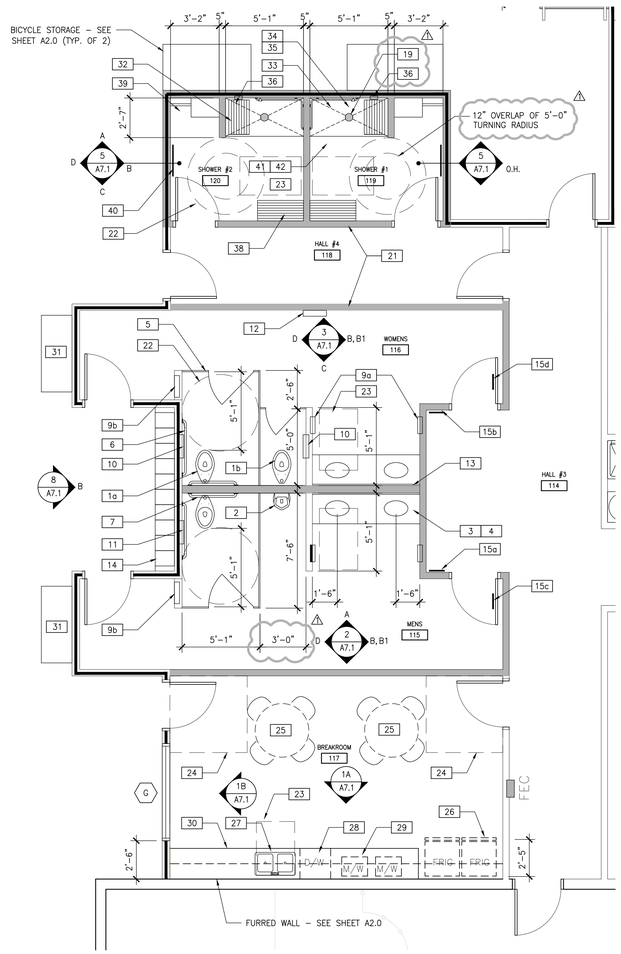
DRAWN BY: CNM

SHEET NUMBER: A5.0



ENLARGED RCP PLAN

SCALE: 1/4"=1'-0" (2)



ENLARGED FLOOR PLAN

SCALE: 1/4"=1'-0" (1)

RCP NOTES

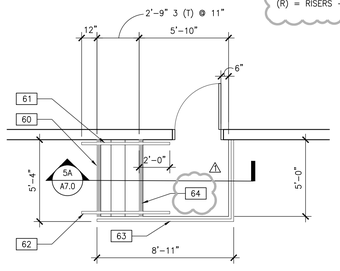
SEE SHEET A3.0 FOR GENERAL RCP NOTES

- 50 OPEN TO ROOF ABOVE
- 51 HARDLID CEILING - SEE DETAIL 17/A10.0
- 52 2x4 ½" GRID CEILING WITH ACOUSTICAL TILE (SECOND LOOK OR SIMILAR)
- 53 EMERGENCY LIGHT - SEE ELECTRICAL
- 54 SOFFIT @ 8'-10"-0" - SEE DETAIL 15/A10.0

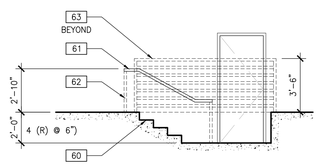
RCP LEGEND

- T-BAR SYSTEM AND CEILING TILES - SEE DETAIL 25/A10.0
- GYP. BD. CEILING SEE DETAIL 17/A10.0
- 2x4 LED LIGHT FIXTURE - SEE ELECTRICAL
- 4' LED SURFACE MOUNTED STRIP LIGHT FIXTURE - SEE ELECTRICAL
- LED DOWNLIGHT FIXTURE - SEE ELECTRICAL
- EMERGENCY LIGHT - SEE ELECTRICAL
- SUPPLY AIR GRILLE - SEE MECHANICAL
- RETURN AIR GRILLE - SEE MECHANICAL
- HANGING 2x4 LED LIGHT FIXTURE - (WAREHOUSE) SEE ELECTRICAL
- HANGING 4' LED SURFACE MOUNTED STRIP LIGHT FIXTURE (WAREHOUSE) SEE ELECTRICAL

(T) = TREADS - 11" MIN.
(R) = RISERS - 7" MAX.



PLAN VIEW



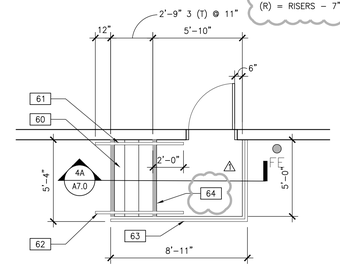
SECTION/ELEVATION - A

- 60 CONCRETE STEPS - SEE STRUCTURAL
- 61 HANDRAIL - SEE DETAIL
- 62 HANDRAIL EXTENSION TO FLOOR ON GUARDRAIL SIDE
- 63 GUARDRAIL - SEE DETAIL 15/A1.3
- 64 FULL WIDTH X 2" MIN. / 4" MAX. CONTRASTING STRIPE @ TOP & BOTTOM RISER - SAFETY YELLOW

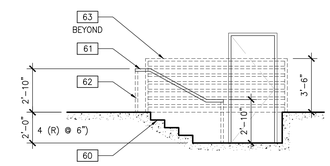
ENLARGED STAIR #3 PLAN & ELEV.

SCALE: 1/4"=1'-0" (5)

(T) = TREADS - 11" MIN.
(R) = RISERS - 7" MAX.



PLAN VIEW



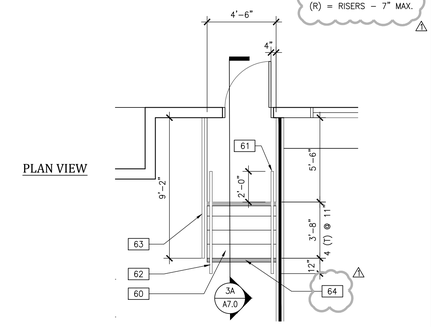
SECTION/ELEVATION - A

- 60 CONCRETE STEPS - SEE STRUCTURAL
- 61 HANDRAIL - SEE DETAIL
- 62 HANDRAIL EXTENSION TO FLOOR ON GUARDRAIL SIDE
- 63 GUARDRAIL - SEE DETAIL 15/A1.3
- 64 FULL WIDTH X 2" MIN. / 4" MAX. CONTRASTING STRIPE @ TOP & BOTTOM RISER - SAFETY YELLOW

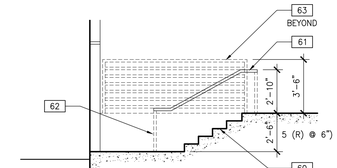
ENLARGED STAIR #2 PLAN & ELEV.

SCALE: 1/4"=1'-0" (4)

(T) = TREADS - 11" MIN.
(R) = RISERS - 7" MAX.



PLAN VIEW



SECTION/ELEVATION - A

- 60 CONCRETE STEPS - SEE STRUCTURAL
- 61 HANDRAIL - SEE DETAIL
- 62 HANDRAIL EXTENSION TO FLOOR ON GUARDRAIL SIDE
- 63 GUARDRAIL - SEE DETAIL 15/A1.3
- 64 FULL WIDTH X 2" MIN. / 4" MAX. CONTRASTING STRIPE @ TOP & BOTTOM RISER - SAFETY YELLOW

ENLARGED STAIR #1 PLAN & ELEV.

SCALE: 1/4"=1'-0" (3)

ENLARGED RESTROOM NOTES

SEE SHEET A10.0 FOR ADA RESTROOM DETAILS

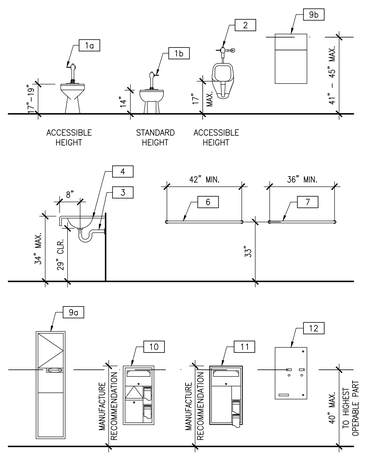
- 1a WATER CLOSET - FULLY ACCESSIBLE, FLOOR-MOUNTED WITH FLUSH VALVE. SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.
- 1b WATER CLOSET - REGULAR HEIGHT, FLOOR-MOUNTED WITH FLUSH VALVE. SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.
- 2 URINAL - FULLY ACCESSIBLE, WALL-MOUNTED URINAL WITH FLUSH VALVE. SEE PLUMBING DRAWINGS FOR SPECIFICATIONS.
- 3 LAVATORY - FULLY ACCESSIBLE, COUNTER TOP-MOUNTED, SELF-RIMMING PORCELAIN SINK WITH WRIST BLADE FAUCET CONTROLS. SEE PLUMBING DRAWINGS FOR SPECIFICATIONS & DETAIL 7/A10.0 FOR ADDITIONAL INFORMATION.
- 4 SOLID SURFACE COUNTERTOP WITH 4" HIGH BACKSPLASH AND WITH 5" EASED FRONT EDGE. FINISH TO BE DETERMINED.
- 5 TOILET PARTITIONS - STAINLESS STEEL PANELS WITH S.S. BRACKETS
- 6 42" GRAB BAR - TOILET COMPARTMENT SIDE GRAB BAR, BOBRICK B-6806x42, 42"L X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2562 CONCEALED ANCHOR PLATES. REFER TO DETAIL 25/A10.2
- 7 36" GRAB BAR - TOILET COMPARTMENT REAR GRAB BAR, BOBRICK B-6806x36, 36L" X 1-1/2" DIAMETER GRAB-BAR WITH BOBRICK B-2562 CONCEALED ANCHOR PLATES. REFER TO DETAIL 25/A10.2
- 8 SOAP DISPENSER - LAVATORY MOUNTED, BOBRICK B-8221. MOUNTED IN COUNTERTOP ADJACENT TO LAVATORY.
- 9a PAPER TOWEL DISPENSER & WASTE RECEPTACLE, RECESSED - BOBRICK B-3944
- 9b PAPER TOWEL DISPENSER, SEMI RECESSED - BOBRICK 43644
- 10 TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPONSAL & TOILET TISSUE DISPENSER, RECESSED - BOBRICK B-3574, (WOMEN'S)
- 11 TOILET SEAT COVER DISPENSER & TOILET TISSUE DISPENSER, RECESSED - BOBRICK B-34745. (MEN'S & UNISEX)
- 12 NAPKIN/TAMPON VENDING MACHINE - RECESSED, BOBRICK B-3500 SERIES OWNER TO APPROVE COIN CHARGE.
- 13 MIRROR AT SINK - 24" WIDE x 4'-4" HIGH - FIRST QUALITY MIRROR WITH BEVELED EDGES.
- 14 2 TIER METAL LOCKERS - 10 LOCKERS TOP & BOTTOM = 20 LOCKERS X 5% = 1 ACCESSIBLE UNIT
- 15 ADA SIGNAGE FOR WALLS AND DOORS. SEE DETAILS 1,2,3, & 11 ON SHEET A10.0
  - a) MEN'S WALL-MOUNTED SIGN
  - b) WOMEN'S WALL-MOUNTED SIGN
  - c) MEN'S DOOR-MOUNTED SIGN
  - d) WOMEN'S DOOR-MOUNTED SIGN
  - e) UNISEX WALL-MOUNTED SIGN
  - f) UNISEX DOOR-MOUNTED SIGN
- 16 WATER HEATER - SEE PLUMBING
- 17 MOP RACK - BOBRICK B-223 24"
- 18 MOP SINK - SEE PLUMBING
- 19 FLOOR DRAIN - SEE PLUMBING
- 20 FRP ON WET WALLS ONLY - FINISH T.B.D.
- 21 SHADED WALLS INDICATE LOCATION FOR SOUND INSULATION
- 22 5'-0" TURNING RADIUS
- 23 30" x 48" CLEAR AREA
- 24 60" x 60" DOOR CLEARANCE AREA
- 25 TABLE AND CHAIRS - BY OTHERS
- 26 REFRIGERATOR - BY OTHERS
- 27 KITCHEN SINK - SEE PLUMBING
- 28 DISHWASHER - 32" TALL (GE-GDT225SSLSS)
- 29 MICROWAVE - BY OTHERS
- 30 SOLID SURFACE COUNTER TOP - SEE DETAIL 16/A10.1 - FINISHES T.B.D.
- 31 LOCKER ROOM BENCH - SEE FLOOR PLAN NOTES ON SHEET A2.0 (NOTE 8)

SHOWER NOTES

SEE DETAIL 10 / A10.1 FOR ADDITIONAL INFORMATION

- 32 FOLD-UP SOLID SHOWER SEAT - BOBRICK B5181
- 33 SHOWER GRAB BAR - TWO WALL, HORIZONTAL SHOWER COMPARTMENT GRAB BAR 24x36, BOBRICK B-68616. SEE DETAIL 25/A10.2
- 34 STANDARD SHOWER HEAD, FLEXIBLE SPRAY HOSE (MIN. 60" LONG) AND SINGLE-LEVER MIXING VALVE.
- 35 STANDARD SHOWER HEAD AND MIXING VALVE.
- 36 BOBRICK B-4390 RECESSED SOAP DISH & BAR, STAINLESS STEEL FINISH.
- 37 PROVIDE SHOWER ROD BOBRICK B-6107 STAINLESS STEEL FINISH & SHOWER CURTAIN BOBRICK 204-3 W/(12) STAINLESS STEEL SHOWER CURTAIN HOOKS, BOBRICK 204-1.
- 38 20" DEEP X 48" WIDE BENCH MOUNTED AT 19" MAX.
- 39 MILLWORK SHELVES WITH CLOTHES RACK
- 40 18" x 60" FULL LENGTH MIRROR.
- 41 CERAMIC TILE UP, FULL HEIGHT, 8'-0" ON SHOWER WALLS - BULLNOSE AT EDGE PER PLAN
- 42 1/2" MAX. THRESHOLD WITH MAX. 1/4" VERTICAL CHANGE IN LEVEL

HEIGHT REQUIREMENT LEGEND



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CHARLES NOLAN MANNING C-33826 5/31/2023 RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

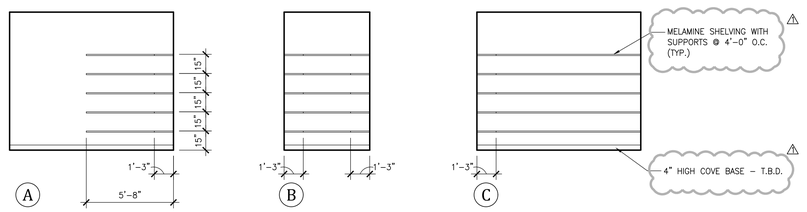
ENLARGED FLOOR PLANS

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/15/2023	2ND PLAN CHECK SUBMITTAL
06/16/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

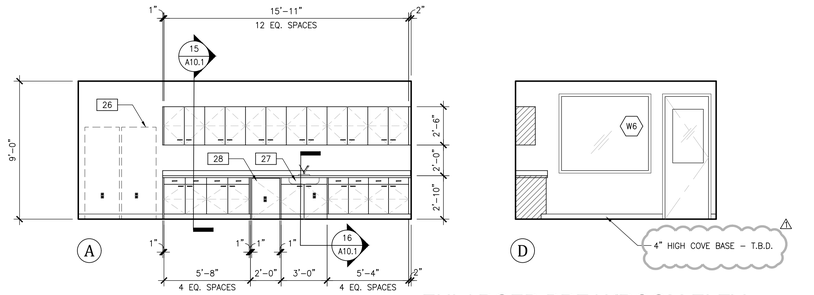
DRAWN BY: CNM

SHEET NUMBER: A7.0



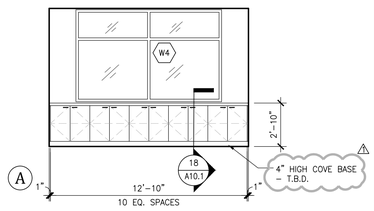
ENLARGED STORAGE ROOM ELEV.

SCALE: 1/4"=1'-0" 6



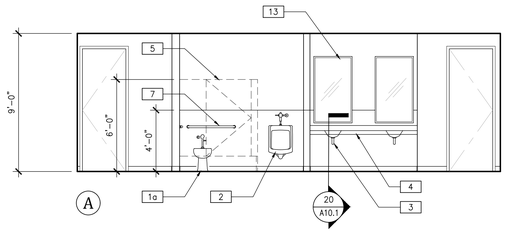
ENLARGED BREAKROOM ELEV.

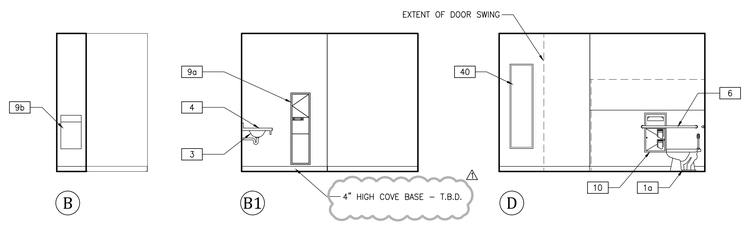
SCALE: 1/4"=1'-0" 1



ENLARGED FLOOR PLAN

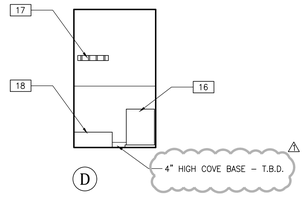
SCALE: 1/4"=1'-0" 9





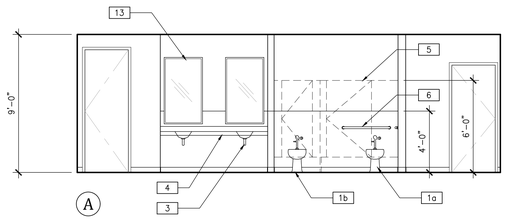
ENLARGED MENS RESTROOM ELEV.

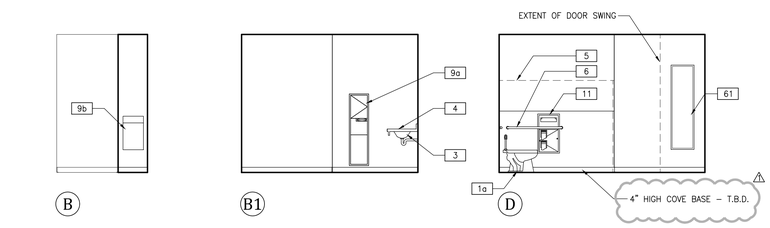
SCALE: 1/4"=1'-0" 2



ENLARGED JAN. #1 ELEV.

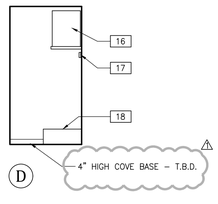
SCALE: 1/4"=1'-0" 10





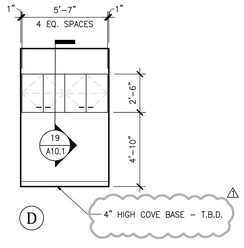
ENLARGED WOMENS RESTROOM ELEV.

SCALE: 1/4"=1'-0" 3



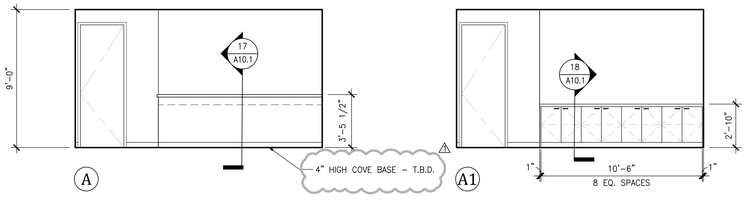
ENLARGED JAN. #2 ELEV.

SCALE: 1/4"=1'-0" 11



ENLARGED COPIER AREA ELEV.

SCALE: 1/4"=1'-0" 7

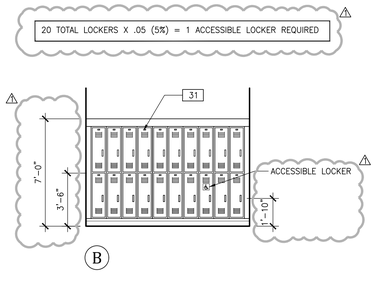


ENLARGED RECEPTION ELEV.

SCALE: 1/4"=1'-0" 4

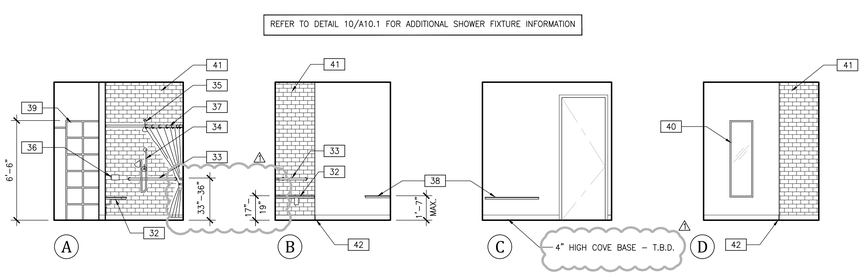
ENLARGED JAN. #1 ELEV.

SCALE: 1/4"=1'-0" 10



ENLARGED LOCKER AREA ELEV.

SCALE: 1/4"=1'-0" 8



ENLARGED SHOWER ROOM ELEV.

SCALE: 1/4"=1'-0" 5

ENLARGED RESTROOM NOTES

SEE SHEET A10.0 FOR ADA RESTROOM DETAILS

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10 TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPONSAL & TOILET TISSUE DISPENSER, RECESSED – BOBRICK B-3574, (WOMEN'S)

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- b) WOMEN'S WALL-MOUNTED SIGN
- c) MEN'S DOOR-MOUNTED SIGN
- d) WOMEN'S DOOR-MOUNTED SIGN
- e) UNISEX WALL-MOUNTED SIGN
- f) UNISEX DOOR-MOUNTED SIGN

16 WATER HEATER – SEE PLUMBING

17 MOP RACK – BOBRICK B-223 24"

18 MOP SINK – SEE PLUMBING

19 FLOOR DRAIN – SEE PLUMBING

20 FRP ON WET WALLS ONLY – FINISH T.B.D.

21 SHADED WALLS INDICATE LOCATION FOR SOUND INSULATION

22 5'-0" TURNING RADIUS

23 30" x 48" CLEAR AREA

24 60" x 60" DOOR CLEARANCE AREA

25 TABLE AND CHAIRS – BY OTHERS

26 REFRIGERATOR – BY OTHERS

27 KITCHEN SINK – SEE PLUMBING

28 DISHWASHER – 32" TALL (GE-GDT225SSLSS)

29 MICROWAVE – BY OTHERS

30 SOLID SURFACE COUNTER TOP – SEE DETAIL 16/A10.1 – FINISHES T.B.D.

31 LOCKER ROOM BENCH – SEE FLOOR PLAN NOTES ON SHEET A2.0 (NOTE 8)

SHOWER NOTES

SEE DETAIL 10 / A10.1 FOR ADDITIONAL INFORMATION

32 FOLD-UP SOLID SHOWER SEAT – BOBRICK B5181

33 SHOWER GRAB BAR – TWO WALL, HORIZONTAL SHOWER COMPARTMENT GRAB BAR 24x36, BOBRICK B-68616. SEE DETAIL 25/A10.2

34 STANDARD SHOWER HEAD, FLEXIBLE SPRAY HOSE (MIN. 60" LONG) AND SINGLE-LEVER MIXING VALVE.

35 STANDARD SHOWER HEAD AND MIXING VALVE.

36 BOBRICK B-4390 RECESSED SOAP DISH & BAR, STAINLESS STEEL FINISH.

37 PROVIDE SHOWER ROD BOBRICK B-6107 STAINLESS STEEL FINISH & SHOWER CURTAIN BOBRICK 204-3 W/(12) STAINLESS STEEL SHOWER CURTAIN HOOKS, BOBRICK 204-1.

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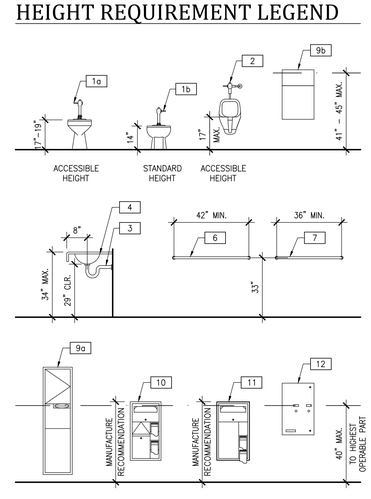
39 MILLWORK SHELVES WITH CLOTHES RACK

40 18" x 60" FULL LENGTH MIRROR.

41 CERAMIC TILE UP, FULL HEIGHT, 8'-0" ON SHOWER WALLS – BULLNOSE AT EDGE PER PLAN

42 1/2" MAX. THRESHOLD WITH MAX. 1/4" VERTICAL CHANGE IN LEVEL

HEIGHT REQUIREMENT LEGEND



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CHARLES NOLAN
ARCHITECT
C-33826
3/1/2023
RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

ENLARGED ELEVATIONS

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/30/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY: CNM

SHEET NUMBER: A7.1

DOOR HARDWARE

Set 7.0 Doors: 102

Description: Interior WD – Single – Lobby

4	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Classroom Lock	PB 4708LN	626	YA
1	Cylinder	Match Facility Standard		
1	Wall/Floor Stop	406/441H as required	US26D	RO

Notes: Gasketing/seals by frame manufacturer.

Set 8.0 Doors: 118A, 118B, 124

Description: Interior HM/WD – Single – Hall / Warehouse

3	Continuous Hinge	TA2314 (NRP)	US32D	MK
1	Classroom Lock	PB4708LN	626	YA
1	Cylinder	Match Facility Standard		
1	Surface Closer – Tri-pack	8501 mounting as req'd	689	NO
1	Kick Plate	K1050 10" High CSK BEV	US32D	RO
1	Wall/Floor Stop	406/441H as req'd	US26D	RO
1	Silencer	608-RKW		RO

Notes: Gasketing/seals by frame manufacturer.

Set: 9.0 Doors: 117A, 117B

Description: Interior WD – Single – Breakroom

4	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Passage Latch	PB 4701LN	626	YA
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
3	Silencer	608-RKW		RO

Notes: Gasketing/seals by frame manufacturer.

Set: 10.0 Doors: 121, 122

Description: Interior HM – Single – Unisex Restrooms (Warehouse)

4	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Privacy Lock	PBR 8802FL V20	626	YA
1	Surface Closer – Tri-pack	8501 mounting as req'd	689	NO
1	Mop Plate	K1050 6" high CSK BEV	US32D	RO
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Wall/Floor Stop	406/441H as required	US26D	RO

Set: 11.0 Doors: 119, 120

Description: Interior HM – Single – Showers

4	Hinge, Full Mortise	TA2314 (NRP)	US32D	MK
1	Privacy Lock	PBR 8802FL V20	630	YA
1	Surface Closer – Tri-pack	8501 mounting as req'd	689	NO
1	Mop Plate	K1050 6" high CSK BEV	US32D	RO
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Wall/Floor Stop	406/441H as required	US26D	RO
1	Smoke Gasketing	S88BL		PE

Notes: Gasketing/Seals by Frame manufacturer.

Set: 12.0 Doors: 115A, 115B, 116A, 116B

Description: Interior WD – Single – Restrooms

4	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Push Pull Plate	110x73C/73CL	US32D	RO
1	Surface Closer – Tri-pack	8501 mounting as req'd	689	NO
1	Mop Plate	K1050 6" high CSK BEV	US32D	RO
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Wall/Floor Stop	406/441H as required	US26D	RO
1	Smoke Gasketing	S88BL		PE

Notes: Door(s) 115A, 116A – Gasketing/Seals by Frame manufacturer.

Set: 13.0 Doors: 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150

Description: EXTERIOR MTL – ROOL-UP DOOR

1	Hardwareby Roll-up Door Mfg.			

Set 1.0 Doors: 101 and 114

Description: Exterior AL – Single – Lobby / Hall #3

1	Continuous Hinge	CFM HD1		PE
1	Rim Exit Device	8800 – 03 Night Latch Trim	628	AD
1	Mortise Cylinder	Match Facility Standard		
1	Offset Pull	RM3131-12	US32D	RO
1	Surface Closer – Parallel Rigid	PR8501	689	NO
1	Door Stop	466-RKW	Black	RO
1	Threshold	271A x FHSL14 (verify with details)		PE
1	Rain Guard	346c (omit @ overhang)		PE
1	Sweep	315CN		PE

Notes: Gasketing/seals by frame manufacturer.

Set 2.0 Doors: 113, 154

Description: Exterior HM – Single – Electrical Room / Fire Sprinkler Riser Room

3	Continuous Hinge	TA2314 (NRP)	US32D	MK
1	Storeroom Lock	PB4705LN	626	YA
1	Cylinder	Match Facility Standard		
1	Surface Closer – Tri-pack	8501 mounting as req'd	689	NO
1	Kick Plate	K1050 10" High CSK BEV	US32D	RO
1	Door Stop	466-RKW	Black	RO
1	Threshold	271A x FHSL14 (Verify with Details)		PE
1	Smoke Gasketing	S88BL		PE
1	Sweep	315CN		PE

Notes: Door Closers – Mount door Closer on the Push side on Out-swinging doors.

Set: 3.0 Doors: 125, 126, 127, 128, 129, 140, 151,

Description: Exterior HM – Single – Warehouse

3	Hinge, Full Mortise	TA2314 (NRP)	US32D	MK
1	Dormitory or Exit Lock	PBCN 8822FL LC	630	YA
1	Mortise Cylinder	Match Facility Standard		
1	Surface Closer – Tri-pack	8501 mounting as req'd	689	NO
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Door Stop	466-RKW	Black	RO
1	Threshold	271A x FHSL14 (verify with Details)		PE
1	Smoke Gasketing	S88BL		PE
1	Sweep	315CN		PE

Notes: Door Closers – Mount door Closer on the Push side on Out-swinging doors.

Set: 4.0 Doors: 152 and 153

Description: Exterior HM – Single – Guardhouse (Pocket Door)

1	Pocket Door Track Kit	H600S–OH		PE
1	Mortise Hookbolt Deadlock	MS1850SN 45X	628	AD
1	Thumb-turn	4066	130	AD
1	Mortise Cylinder	Match Facility Standard		
2	Flush Pull – set	BF97 x BTB Mtg.	US32D	RO

Set: 5.0 Doors: 106, 110, 123

Description: Interior HM – Single – Storage / Janitor

4	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Storeroom Lock	PB 4705LN	626	YA
1	Cylinder	Match Facility Standard		
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Wall/Floor Stop	406/441H as required	US26D	RO
3	Silencer	608-RKW		RO

Notes: Gasketing/Seals by Frame manufacturer.

Set: 6.0 Doors: 103, 104, 105, 107, 108, 109

Description: Interior WD – Single – EXAM / PROCEDURE

4	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Entry Lock	PB 4704LN	626	YA
1	Cylinder	Match Facility Standard		
1	Wall/Floor Stop	406/441H as required	US26D	RO

Notes: Gasketing/Seals by Frame manufacturer.

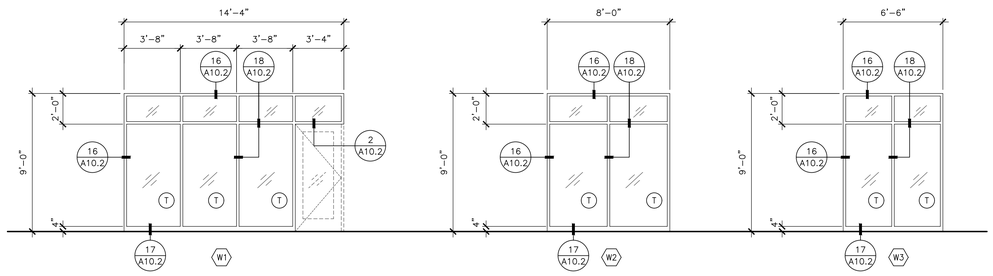
DOOR SCHEDULE

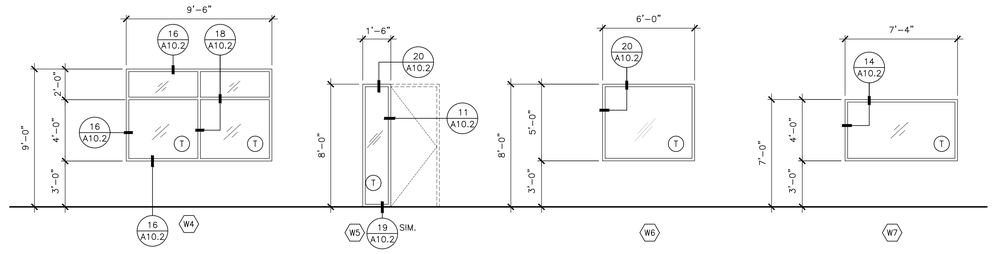
SEE SHEET A0.1 FOR DOOR NOTES

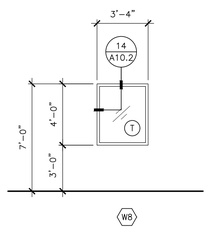
FLOOR	DOOR NO.	ROOM NO. & NAME	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	WALL THICKNESS	FIRE RATING	HDWARE NO.	REMARKS
FIRST FLOOR	101	LOBBY	A	3'–0"	8'–0"	1–3/4"	STOREFRONT	CLR. ANOD.	STOREFRONT	CLR. ANOD.	VERIFY	–	1	
	102	LOBBY	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	7	
	103	OFFICE 103	G	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	6	
	104	OFFICE 104	G	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	6	
	105	OFFICE 105	G	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	6	
	106	STORAGE	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	5	
	107	OFFICE 107	G	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	6	
	108	CONFERENCE ROOM	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	6	
	109	OFFICE 109	G	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	6	
	110	JANITOR #1	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	5	
	113	ELECTRICAL ROOM	C	3'–0"	8'–0"	1–3/4"	SOLID CORE	PAINTED	HOLLOW METAIL	FIELD COLOR	VERIFY	–	2	14" X 14" LOUVER
	114	HALL #3	B	3'–0"	8'–0"	1–3/4"	STOREFRONT	CLR. ANOD.	STOREFRONT	CLR. ANOD.	VERIFY	–	1	
	115A	MEN'S	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	12	
	115B	MEN'S	D	3'–0"	8'–0"	1–3/4"	SOLID CORE	PAINTED	HOLLOW METAIL	PAINTED	VERIFY	–	12	
	116A	WOMEN'S	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	12	
	116B	WOMEN'S	D	3'–0"	8'–0"	1–3/4"	SOLID CORE	PAINTED	HOLLOW METAIL	PAINTED	VERIFY	–	12	
	117A	BREAKROOM	H	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	9	
	117B	BREAKROOM	E	3'–0"	8'–0"	1–3/4"	SOLID CORE	PAINTED	HOLLOW METAIL	PAINTED	VERIFY	–	9	
	118A	HALL #4	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	8	
	118B	HALL #4	D	3'–0"	8'–0"	1–3/4"	SOLID CORE	PAINTED	HOLLOW METAIL	PAINTED	VERIFY	–	8	
	119	SHOWER #1	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	11	PRIVACY LOCKSET – 1" UNDERCUT
	120	SHOWER #2	F	3'–0"	8'–0"	1–3/4"	SOLID CORE	STAINED	TIMELY	BLACK	5"	–	11	PRIVACY LOCKSET – 1" UNDERCUT
	121	UNISEX	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	5"	–	10	PRIVACY LOCKSET & 18" X 12" LOUVER
	122	UNISEX	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	5"	–	10	PRIVACY LOCKSET & 18" X 12" LOUVER
	123	JANITOR #2	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	5"	–	5	1" UNDERCUT
	124	WAREHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	7 1/4"	–	8	
	125	WAREHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	3	
	126	WAREHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	3	
	127	WAREHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	3	
	128	WAREHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	3	
	129	WAREHOUSE	D	3'–0"	8'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	3	
	130	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	131	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	132	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	133	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	134	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	135	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	136	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	137	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	138	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	139	DOCK	K	14'–0"	16'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	140	WAREHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	3	
	141	DOCK	K	14'–0"	16'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	142	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	143	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	144	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	145	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	146	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	147	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	148	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	149	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	150	DOCK	K	10'–0"	15'–0"	–	MFG.	PAINTED	MFG.	MFG.	–	–	13	ROLL–UP DOOR
	151	WAREHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	3	
	152	GUARDHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	2	
	153	GUARDHOUSE	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	2	
	154	FIRE SPRINKLER RM.	D	3'–0"	7'–0"	1–3/4"	HOLLOW METAL	PAINTED	HOLLOW METAL	PAINTED	VERIFY	–	2	⚠1

WINDOW TYPES

(T) TEMPERED GLAZING





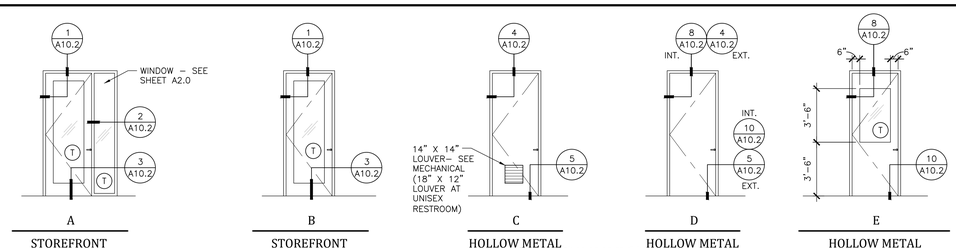


GLAZING NOTES

1. EACH LIGHT SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF THE GLASS.
2. GLASS SHALL BE FIRMLY SUPPORTED ON ALL FOUR EDGES.
3. FIELD MEASURE ALL OPENINGS PRIOR TO FABRICATION.
4. ALL GLAZING WITHIN A 24" ARC OF EITHER EDGE OF A DOOR AND WITHIN 60" OF THE FLOOR SHALL BE TEMPERED.
5. ALL GLASS SHALL COMPLY WITH THE REQUIREMENTS OF STATE AND LOCAL CODES.

DOOR TYPES

(T) TEMPERED GLAZING



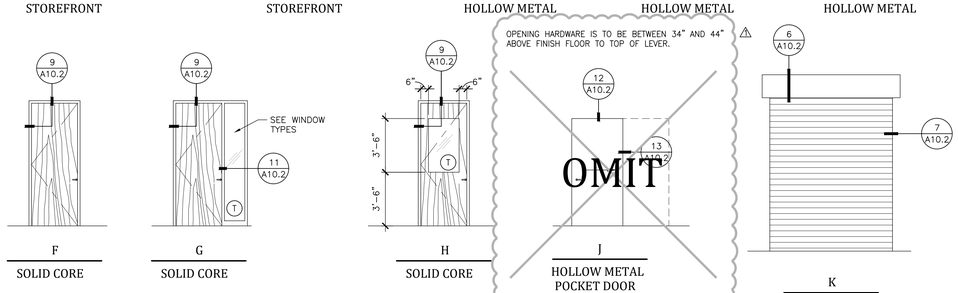
A — STOREFRONT

B — STOREFRONT

C — HOLLOW METAL

D — HOLLOW METAL

E — HOLLOW METAL



F — SOLID CORE

G — SOLID CORE

H — SOLID CORE

J — HOLLOW METAL POCKET DOOR

K — ROLL-UP DOOR

PRIMIOR
750 N. Diamond Bar Blvd., Suite 101
Diamond Bar, CA 91765
800.735.9973 | www.primior.com

CHARLES NOLAN MINNICH
C-33826
5/31/2023
GENERAL DUTY

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

DOOR SCHEDULE & WINDOWS

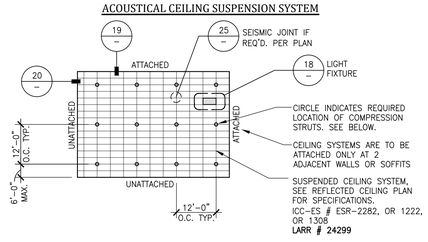
DATE:	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY:

SHEET NUMBER: A9.0

ACOUSTICAL CEILING SUSPENSION SYSTEM



LATERAL FORCE BRACING AND SUSPENSION

LATERAL FORCE BRACING: A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. LATERAL FORCE BRACING SHALL BE 12 FEET ON CENTER (MAXIMUM) AND BEGIN NO FARTHER THAN 6 FEET FROM WALLS. LATERAL FORCE BRACING MEMBERS MUST BE SPACED A MINIMUM OF 6" FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZ. FORCES. BRACING WIRES MUST BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL LOADS, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.

THE FOLLOWING INSTALLATION DETAILS ARE TO BE CONSIDERED TO BE COMPLYING WITH THE ABOVE REQUIREMENTS.

NOTES:

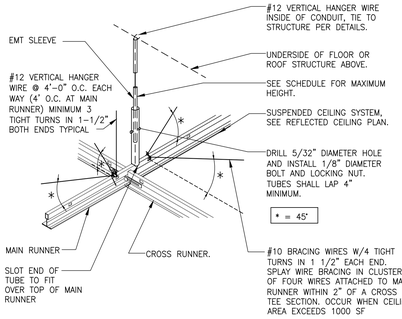
1. WHERE THE ROOF SYSTEM IS COMPOSED OF WOOD BEAMS, PURLINS, AND SUB-PURLINS, THE 2 X 4 SUB-PURLINS ARE NOT TO BE CONSIDERED AS STRUCTURAL MEMBERS SUPPORTING THE ROOF.
2. CEILING SUSPENSION SYSTEM SHALL COMPLY WITH 803.9 AND 2506.2.1. COMPONENTS SHALL BE ASTM "HEAVY DUTY" CLASS.
3. THE COMPRESSION STRUT SHALL BE VERTICAL, AND SHALL NOT HANG MORE THAN 1 IN 6 OUT-OF-PLUMB.

COMPRESSION STRUT INSTALLATION

EMT:

ELECTRICAL METALLIC TUBING	
1/2"	TO 5'-10"
3/4"	TO 7'-8"
1"	TO 9'-9"

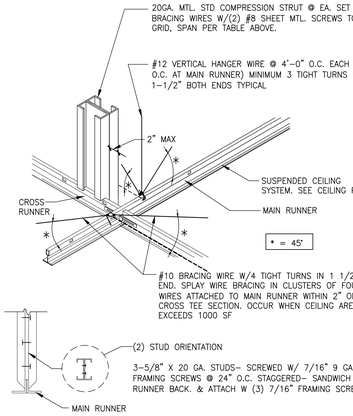
CONDUIT CAN BE FLATTENED AT THE ENDS AND CONNECTED TO THE T-BAR MAIN RUNNER WITH ONE #10 SHEET METAL SCREW.



METAL STUDS:

THE FOLLOWING SPANS ARE BASED UPON STUDS HAVING A 1-5/8" LEG WITH A 3/8" RETURN. DOUBLE STUDS ARE CONNECTED TOGETHER IN THE SHAPE OF A I-I , WITH ONE #6 SHEET METAL SCREW AT 16" O.C.. ATTACH THE METAL STUD TO THE T-BAR MAIN RUNNER WITH TWO #8 SCREWS. SEE DETAILS FOR ATTACHMENT TO STRUCTURE ABOVE.

STEEL STUDS	
1-5/8 X 20 GA.	TO 12'-0"
DBL 1-5/8 X 20 GA	TO 15'-0"
2-1/2" X 20 GA	TO 13'-6"
DBL 2-1/2" X 20 GA	TO 15'-0"



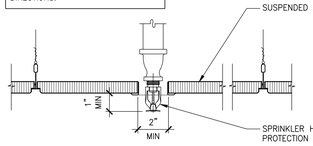
MANUFACTURED STRUTS:

PRE-MANUFACTURED STRUTS MAY ONLY BE USED IF ENGINEERING IS APPROVED BY THE BUILDING DEPARTMENT. GC TO SUBMIT FOR APPROVAL.

SUSPENDED CEILINGS

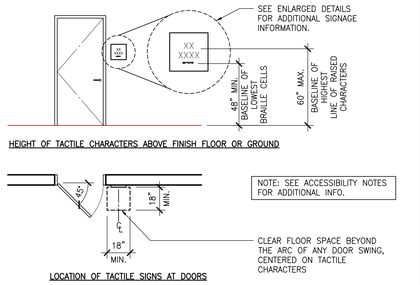
SCALE: N.T.S. ICEAC-Susp_vertical_strut-03 (25)

NOTE:
PROVIDE 2 INCHES OVER SIZED TRIM RINGS FOR SPRINKLERS (AND OTHER PENETRATIONS) TO ALLOW FOR AT LEAST 1" OF MOVEMENT IN ALL DIRECTIONS.



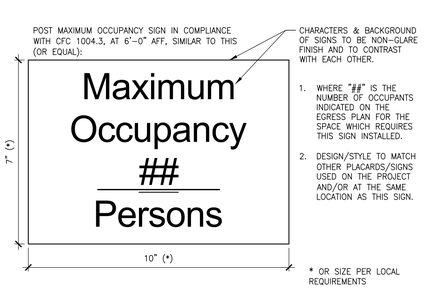
SPRINKLER CEILING PENETRATION

SCALE: 3" = 1'-0" ICEAC_sprklr_pen (16)



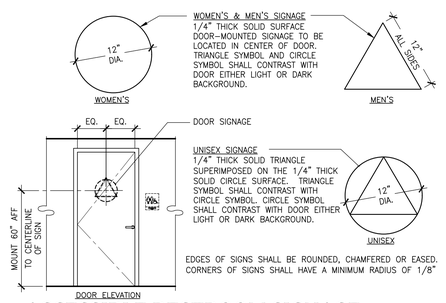
TYP. TACTILE SIGN INSTALLATION

SCALE: 1/4"=1'-0" Tactile sign location (11)



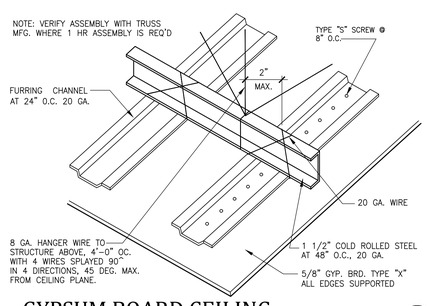
"MAXIMUM OCCUPANCY" SIGN

SCALE: N.T.S. MAX OCC SIGN (6)



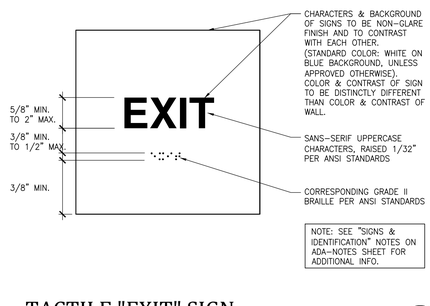
ACCESSIBLE RESTROOM SIGNAGE

SCALE: N.T.S. ACCESSIBLE RESTROOM SIGNAGE-01 (1)



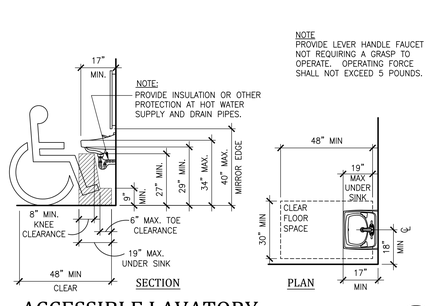
GYPSUM BOARD CEILING

SCALE: N.T.S. ICEGB-GB_clng-01 (17)



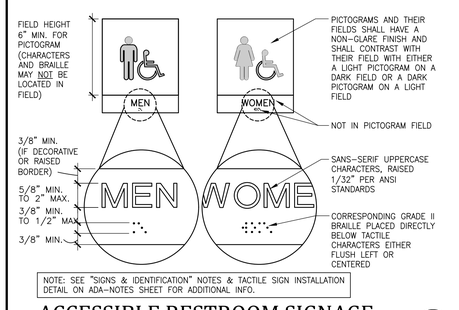
TACTILE "EXIT" SIGN

SCALE: 3"= 1'-0" exit-01 (12)



ACCESSIBLE LAVATORY

SCALE: 3/8"=1'-0" Accessible Lav (7)



ACCESSIBLE RESTROOM SIGNAGE

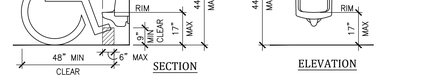
SCALE: N.T.S. ACCESSIBLE RESTROOM SIGNAGE-02 (2)

LIGHT FIXTURE @ SUSPENDED CLNG.

SCALE: N.T.S. ICEAC-Susp_light_heavyduty-02 (18)

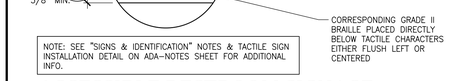
ACCESSIBLE SIGNAGE @ ENTRY

SCALE: N.T.S. Accessible Entry Sign (13)



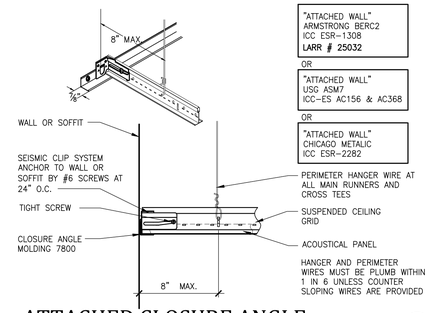
ACCESSIBLE URINAL

SCALE: 3/8"=1'-0" Accessible Urinal (8)



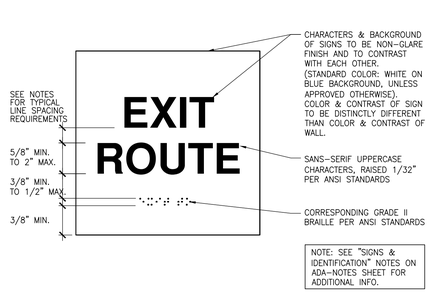
ACCESSIBLE RESTROOM SIGNAGE

SCALE: N.T.S. ACCESSIBLE RESTROOM SIGNAGE-03 (3)



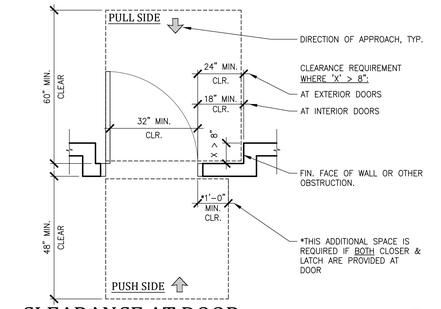
ATTACHED CLOSURE ANGLE

SCALE: 3" = 1'-0" ICEAC-Clng_grid_wall_attach-ARMSTRONG (19)



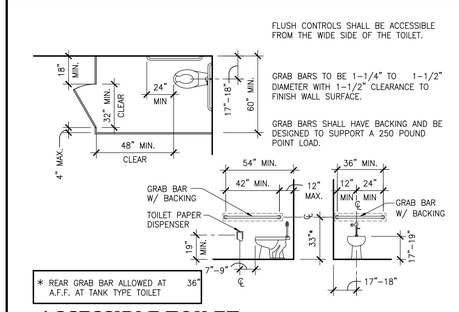
TACTILE "EXIT ROUTE" SIGN

SCALE: 3"= 1'-0" Exit Route (14)



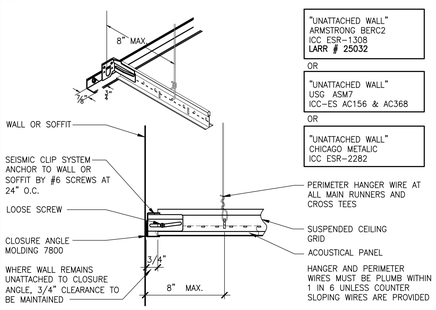
CLEARANCE AT DOOR (FRONT APPROACH)

SCALE: 1/2"=1'-0" Door Clearance (9)



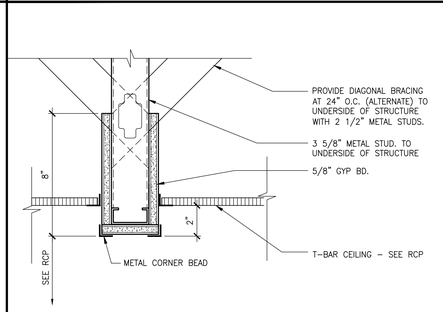
ACCESSIBLE TOILET

SCALE: 1/4"=1'-0" Accessible Toilet-02 (4)



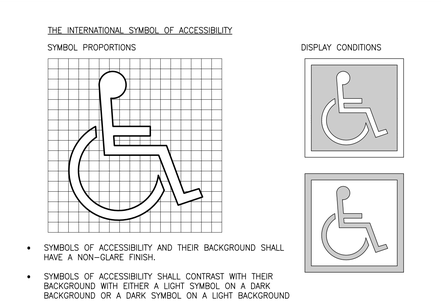
UNATTACHED CLOSURE ANGLE

SCALE: 3" = 1'-0" ICEAC-Clng_grid_wall_unattach-ARMSTRONG (20)



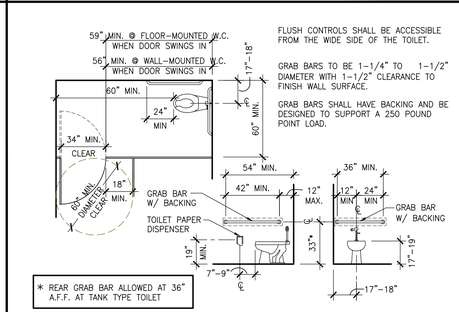
CEILING SOFFIT TRANSITION

SCALE: 3" = 1'-0" ICEGB-Clng_trnstn_soffit-3 (15)



INTL SYMBOL OF ACCESSIBILITY

SCALE: N.T.S. INTL SYM (10)



ACCESSIBLE TOILET

SCALE: 1/4"=1'-0" Accessible Toilet-01 (5)

PRIMIOR
750 N. Diamond Bar Blvd., Suite 101
Diamond Bar, CA 91765
800.735.9973 | www.primior.com

CHARLES NOLAN MARTINEZ
C-33636
5/31/2023
GENERAL DUTY

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

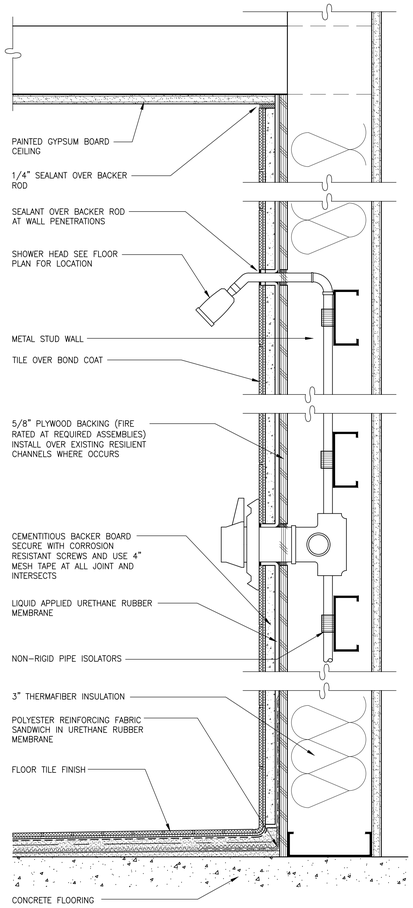
ADA , EXITING AND RCP DETAILS

	DATE	REMARKS
1	05/13/2022	PLANNING SUBMITTAL
2	11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
3	12/29/2022	1ST PLAN CHECK SUBMITTAL
4	05/19/2023	2ND PLAN CHECK SUBMITTAL
5	06/16/2023	3RD PLAN CHECK SUBMITTAL
6	08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

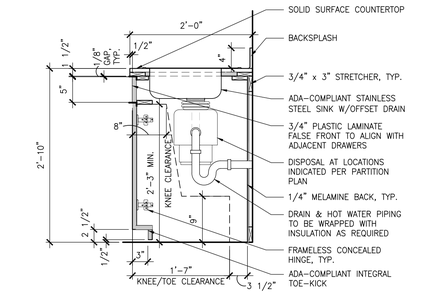
DRAWN BY:

SHEET NUMBER: A10.0



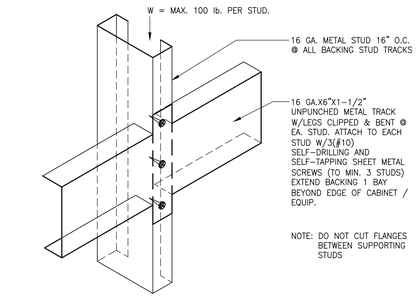
WALL DETAIL AT SHOWER

SCALE: 3"=1'-0" — SHOWER WALL — 23



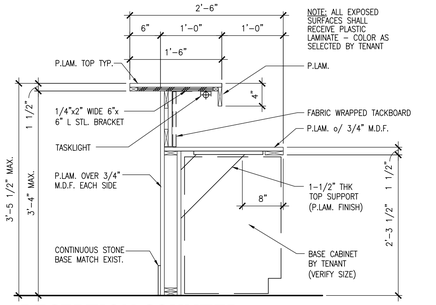
LOWER CABINET AT SINK

SCALE: 1"=1'-0" — IWMCB-Low_sink_splash-01 — 16



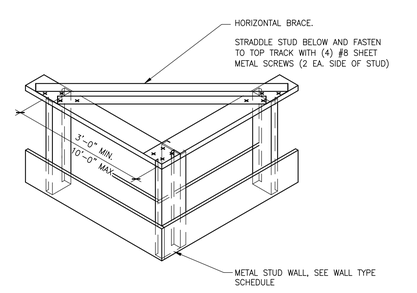
BACKING DETAIL FOR MISC. EQUIP.

SCALE: N.T.S. — IWAMI-Wall_equip_backing-01 — 11



RECEPTION COUNTER

SCALE: 1" = 1'-0" — RECEPTION COUNTER – 01 — 17



HORIZONTAL WALL BRACE

SCALE: N.T.S. — IWAMT-Ac_iso_hor_brc-01 — 12

MEMBER DEPTH:
(EXAMPLE: 6" = 600 X 1/100 INCHES) ALL MEMEBER DEPTHS ARE TAKEN IN 1/100 INCHES. FOR ALL "T" SECTIONS MEMBER DEPTH IS THE INSIDE DIMENSION.

STYLE:
(EXAMPLE: STUD OR JOIST SECTION = S) THE FOUR ALPHA CHARACTERS UTILIZED BY THE DESIGNATOR SYSTEM ARE:

S = STUD OR JOIST, T = TRACK, U = CHANNEL, F = FURRING

600 S 162 54

FLANGE WIDTH:
(EXAMPLE: 1 5/8" = 1.625" ~162 X 1/100 INCHES) ALL FLANGE WIDTHS ARE TAKEN IN 1/100 INCHES.

MATERIAL THICKNESS:
(EXAMPLE: 0.054 IN. = 54 MILS; 1 MIL =1/1000 IN.) MATERIAL THICKNESS IS THE MINIMUM BASE METAL THICKNESS IN MILS. MINIMUM BASE METAL THICKNESS REPRESENTS 95% OF THE DESIGN THICKNESS.

INTERIOR NON-STRUCTURAL NON-COMPOSITE:

USE FOR FURRING PURPOSES ONLY, U.N.O.

(S) STUD MEMBER	SPACING (IN.) O.C.	5 PSF L/240
250S125-18	12"	10'-6"
250S125-18	16"	9'-7"
250S125-18	24"	8'-3"
250S125-33	12"	13'-2"
250S125-33	16"	12'-0"
250S125-33	24"	10'-6"
250S125-43	12"	14'-4"
250S125-43	16"	13'-0"
250S125-43	24"	11'-5"
362S125-18	12"	14'-0"
362S125-18	16"	12'-2"
362S125-18	24"	9'-11" ●
362S125-33	12"	17'-7"
362S125-33	16"	16'-0"
362S125-33	24"	14'-0"
362S125-43	12"	19'-2"
362S125-43	16"	17'-5"
362S125-43	24"	15'-3"
362S125-54 (50 KSI)	12"	20'-6"
362S125-54 (50 KSI)	16"	18'-7"
362S125-54 (50 KSI)	24"	16'-3"
362S125-68 (50 KSI)	12"	21'-11"
362S125-68 (50 KSI)	16"	19'-11"
362S125-68 (50 KSI)	24"	17'-5"
400S125-18	12"	14'-9" ●
400S125-18	16"	12'-10" ●
400S125-18	24"	10'-5" ●
400S125-33	12"	19'-0"
400S125-33	16"	17'-3"
400S125-33	24"	15'-1"

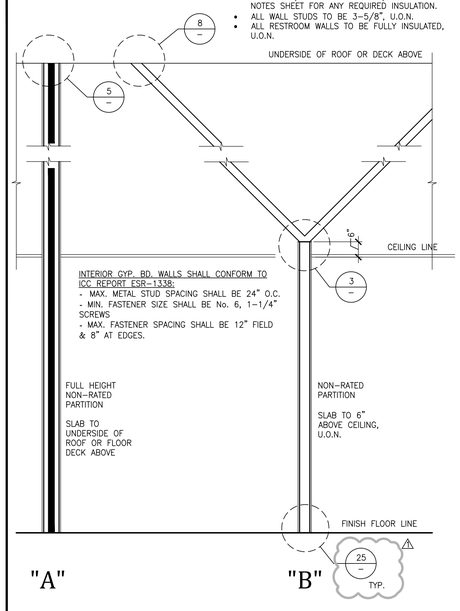
(S) STUD MEMBER	SPACING (IN.) O.C.	5 PSF L/240
400S125-43	12"	20'-9"
400S125-43	16"	18'-10"
400S125-43	24"	16'-5"
400S125-54 (50 KSI)	12"	22'-2"
400S125-54 (50 KSI)	16"	20'-2"
400S125-54 (50 KSI)	24"	17'-7"
400S125-68 (50 KSI)	12"	23'-8"
400S125-68 (50 KSI)	16"	21'-6"
400S125-68 (50 KSI)	24"	18'-10"
600S125-27	12"	24'-4" ●
600S125-27	16"	21'-6" ●
600S125-27	24"	17'-7" ●
600S125-33	12"	26'-2"
600S125-33	16"	23'-9"
600S125-33	24"	20'-6"
600S125-43	12"	28'-9"
600S125-43	16"	26'-1"
600S125-43	24"	22'-10"
600S125-54 (50 KSI)	12"	30'-9"
600S125-54 (50 KSI)	16"	27'-11"
600S125-54 (50 KSI)	24"	24'-5"
600S125-68 (50 KSI)	12"	33'-0"
600S125-68 (50 KSI)	16"	30'-0"
600S125-68 (50 KSI)	24"	26'-2"
800S125-43	12"	36'-1"
800S125-43	16"	32'-9"
800S125-43	24"	28'-8"
800S125-54 (50 KSI)	12"	38'-9"
800S125-54 (50 KSI)	16"	35'-2"
800S125-54 (50 KSI)	24"	30'-9"
800S125-68 (50 KSI)	12"	41'-11"
800S125-68 (50 KSI)	16"	38'-1"
800S125-68 (50 KSI)	24"	33'-4"

● INDICATES THAT WEB STIFFENERS ARE REQUIRED

NOTE: ALL STUD INFORMATION IS BASED ON STEEL STUD MANUFACTURERS ASSOCIATION (SSMA)

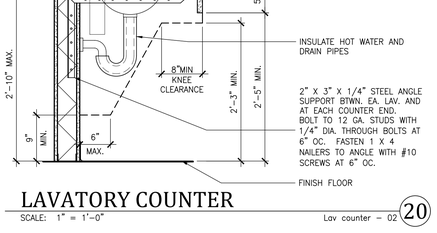
LIMITING WALL HEIGHT TABLE-L/240

SCALE: NONE — IWAMT-Height_table-L_240 — 7



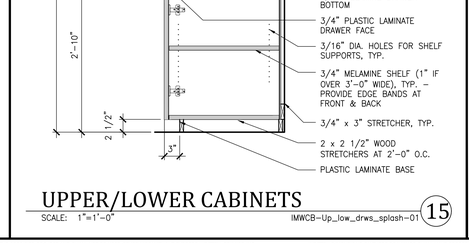
WALL TYPE SCHEDULE

SCALE: 1/2"=1'-0" — IWAMT-Wall_type_schedule-01 — 2



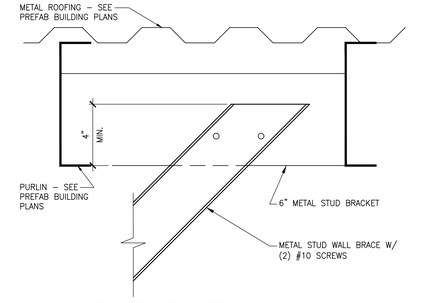
BASE CABINET

SCALE: 1" = 1'-0" — BASE CABINET — 18



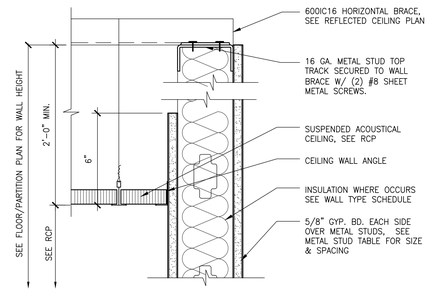
FIRE EXTINGUISHER CABINET

SCALE: 3"= 1'-0" — FEC-01 — 13



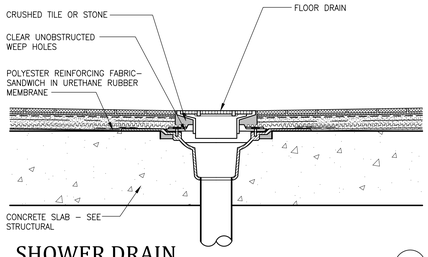
WALL BRACE AT PURLIN

SCALE: 3" = 1'-0" — WALL BRACE AT PURLIN-PREFAB — 8



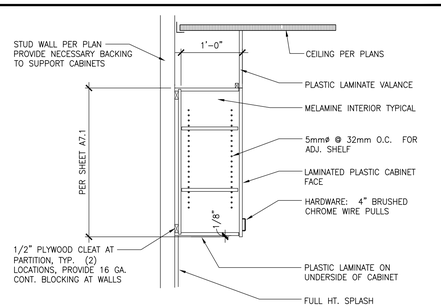
BRACED-OVER PARTITION

SCALE: 3"=1'-0" — IWAMT-Ac_hd_hor_brc_ct-01 — 3



SHOWER DRAIN

SCALE: 3"=1'-0" — SHOWER DRAIN — 24

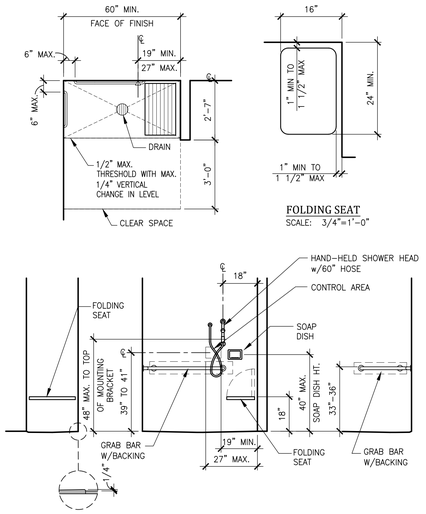


UPPER WALL CABINET

SCALE: 1" = 1'-0" — UPPER WALL CABINET – 01 — 19

UPPER/LOWER CABINETS

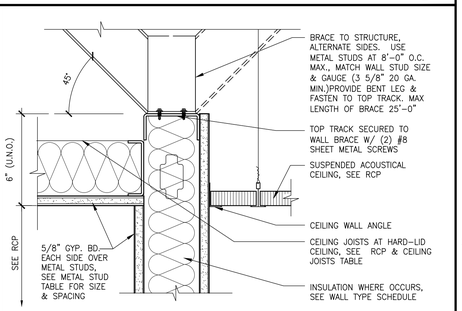
SCALE: 1"=1'-0" — IWMCB-Up_low_drws_splash-01 — 15



1. SHOWER CONTROLS SHALL BE SINGLE-LEVER MIXING CONTROL, WITH VALVE FORCE TO OPERATE NOT TO EXCEED 5 LBS.
2. GRAB BARS TO BE 1-1/4" TO 1-1/2" DIAMETER WITH 1-1/2" CLEARANCE TO FINISH WALL SURFACE. TOP OF GRAB BAR TO BE 33" – 36" MAX.
3. GRAB BARS, SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL HAVE BACKING AND BE DESIGNED TO SUPPORT A 250 POUND POINT LOAD.
4. SHOWER FLOOR TO SLOPE 2% MAX. IN ANY DIRECTION.
5. FLOOR SURFACE TO BE NON-SLIP.

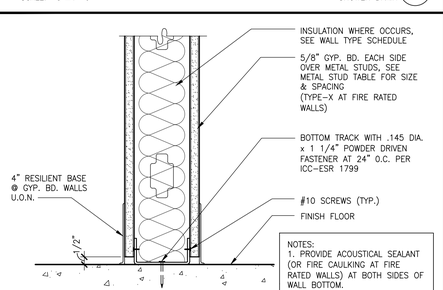
ACCESSIBLE ROLL-IN SHOWER

SCALE: 3/8"=1'-0" — Accessible Roll-In Shower — 10



PARTITION TO 6" ABOVE CEILING

SCALE: 3" = 1'-0" — IWAMT-6oc_hd_dia_brc_ct_hl-01 — 4

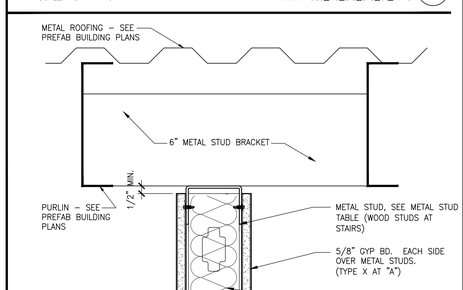


WALL BASE

SCALE: 3"=1'-0" — IWAMT-Base_typ-01 — 25

LAVATORY COUNTER

SCALE: 1" = 1'-0" — Lav counter – 02 — 20



FULL HT. WALL BRACE AT PURLIN

SCALE: 3" = 1'-0" — WALL BRACE AT PURLIN-PREFAB — 5

PRIMIOR
750 N. Diamond Bar Blvd., Suite 101
Diamond Bar, CA 91765
800.735.9973 | www.primior.com

CHARLES NOLAN ARCHITECT C-33826 5/31/2023 RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

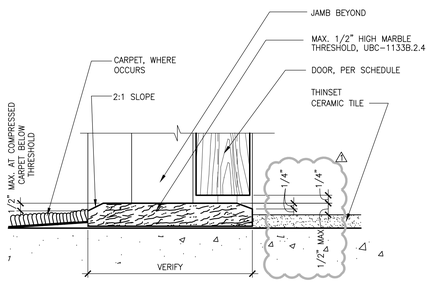
DETAILS

REMARKS	DATE:
PLANNING SUBMITTAL	05/13/2022
FIRE /PLANNING DEPARTMENT SUBMITTAL	11/11/2022
1ST PLAN CHECK SUBMITTAL	12/29/2023
2ND PLAN CHECK SUBMITTAL	05/16/2023
3RD PLAN CHECK SUBMITTAL	06/16/2023
CONSTRUCTION SET	08/04/2023

DATE: 05/13/2022

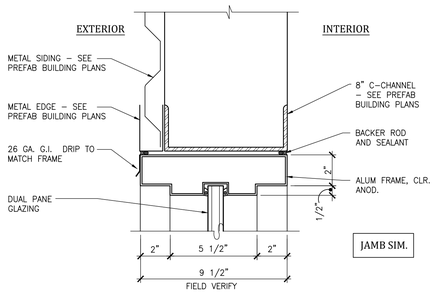
DRAWN BY:

SHEET NUMBER: A10.1



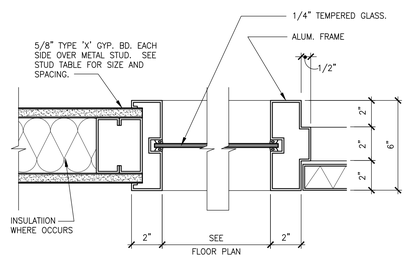
TYPICAL MARBLE THRESHOLD

SCALE: 3"=1'-0" — MARBLE THRESHOLD — 21



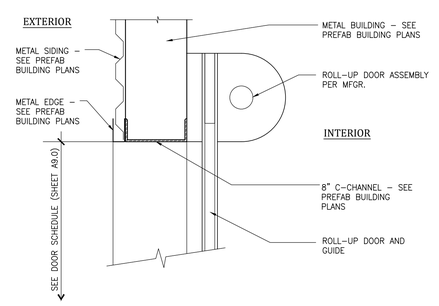
STOREFRONT WINDOW HEAD

SCALE: 3"=1'-0" — EXT SF WINDOW HEAD–PREFAB — 16



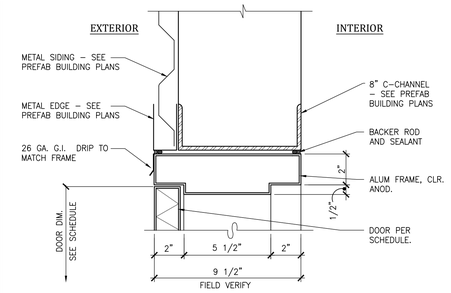
SIDELIGHT JAMB

SCALE: 3"= 1'-0" — sidelight jamb — 11



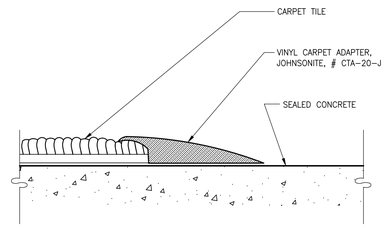
ROLL-UP DOOR HEAD

SCALE: 1-1/2"=1'-0" — ROLL-UP DOOR HEAD–PREFAB — 6



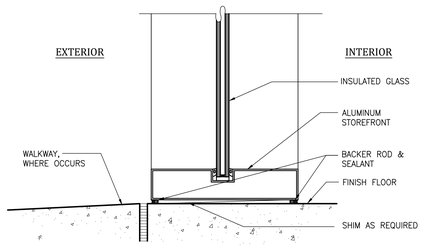
STOREFRONT DOOR HEAD/JAMB SIM.

SCALE: 3"=1'-0" — EXT SF DOOR HEAD–PREFAB — 1



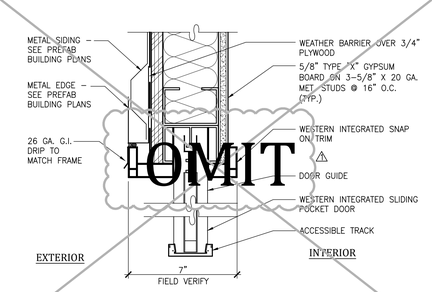
CARPET TILE TO CONCRETE

SCALE: 3" = 1'-0" — IFLTR-Carpet_tile_concrete-01 — 22



WINDOW SILL

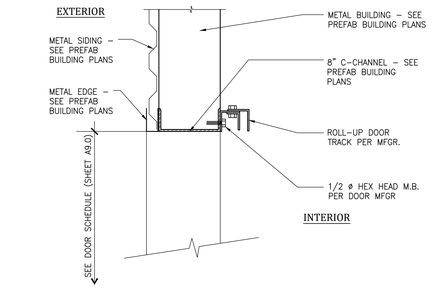
SCALE: 3" = 1'-0" — EXT SF Window Sill – PREFAB — 17



OMIT

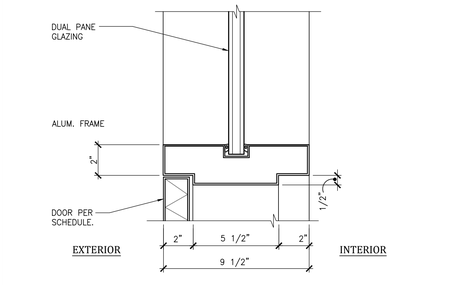
SLIDING POCKET DOOR HEAD/SILL

SCALE: 3"= 1'-0" — Pocket Door Head-02 — 12



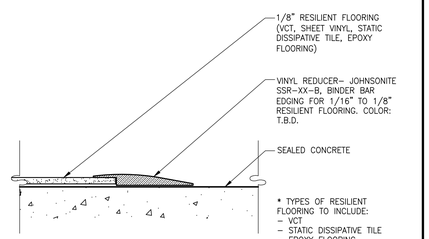
ROLL-UP DOOR JAMB

SCALE: 1-1/2"=1'-0" — ROLL-UP DOOR JAMB–PREFAB — 7



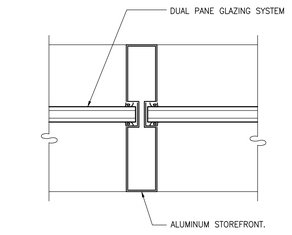
STOREFRONT DOOR/WINDOW JAMB

SCALE: 3"=1'-0" — EXT SF DOOR JAMB–PREFAB — 2



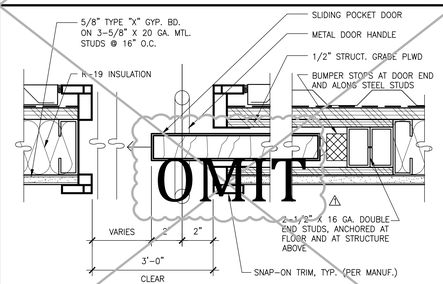
RESILIENT FLOORING TO CONC.

SCALE: 3" = 1'-0" — FLTR–Resilient flooring to conc — 23



TYP. HORIZONTAL MULLION

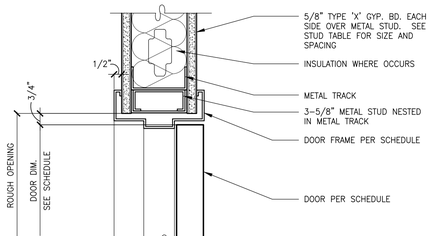
SCALE: 3" = 1'-0" — SF – MULLION–PREFAB — 18



OMIT

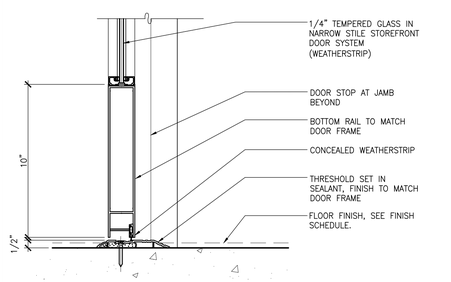
SLIDING POCKET DOOR JAMBS

SCALE: 3"= 1'-0" — pocket door jamb-02 — 13



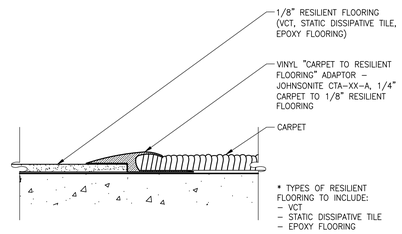
H.M. DOOR HEAD (JAMB SIM.)

SCALE: 3"=1'-0" — IDRAL–Head–HM — 8



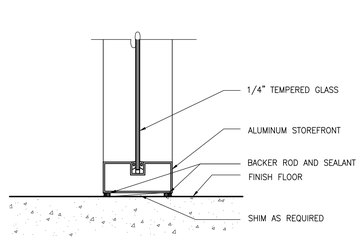
STOREFRONT DOOR SILL

SCALE: 3" = 1'-0" — IDRSF–Door_sill–01 — 3



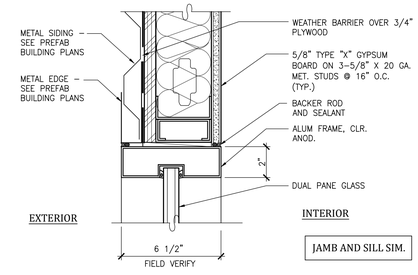
CARPET TO RESILIENT FLOORING

SCALE: 3" = 1'-0" — FLTR–Carpet to resilient1 — 24



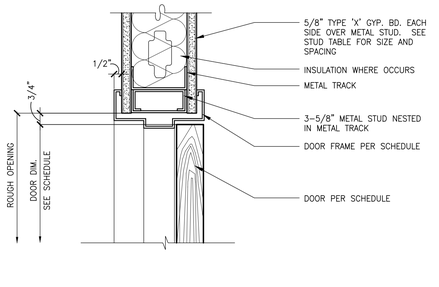
INTERIOR WINDOW SILL

SCALE: 3" = 1'-0" — INT SF Window Sill — 19



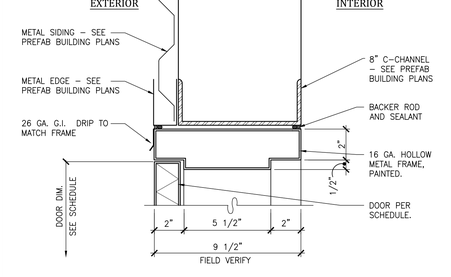
GUARDHOUSE WINDOW HEAD

SCALE: 3"= 1'-0" — GUARDHOUSE WINDOW HEAD — 14



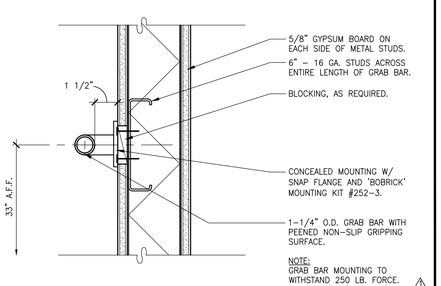
DOOR HEAD (JAMB SIM.)

SCALE: 3" = 1'-0" — IDRAL–Head–07 — 9



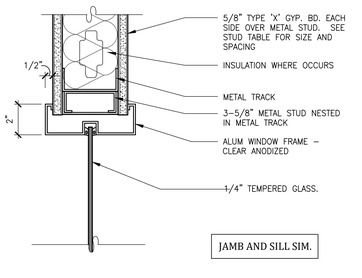
H.M. DOOR HEAD/JAMB SIM.

SCALE: 3"=1'-0" — EXT HM DOOR HEAD–PREFAB — 4



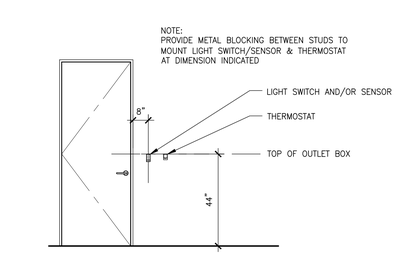
GRAB BAR MOUNTING

SCALE: 3" = 1'-0" — grab_bar — 25



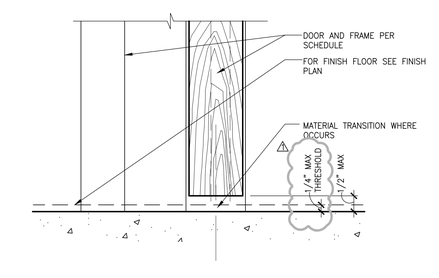
STOREFRONT WINDOW HEAD

SCALE: 3"=1'-0" — INTERIOR WINDOW HEAD–SF — 20



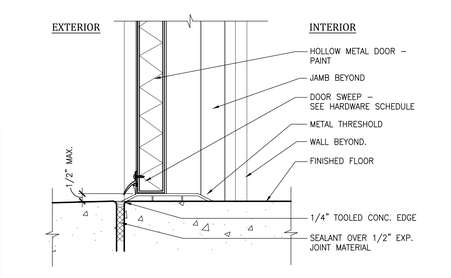
LT. SWITCH / T-STAT INSTALLATION

SCALE: 3/8"=1'-0" — Light_switch_T_stat-01 — 15



CONC. TO FUTURE FINISH FLOOR

SCALE: 3"=1'-0" — CONC. TO FINISH FLOOR — 10



HOLLOW METAL DOOR SILL

SCALE: 3" = 1'-0" — EXT DOOR FRAME –Sill — 5

PRIMIOR
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CHARLES NOLAN MANOOGIAN C-33826 5/31/2023 RENEWAL DATE

PROJECT:
DISTRIBUTION FACILITY
16454 ADELANTO ROAD
ADELANTO, CALIFORNIA 92301

DOOR AND WINDOW DETAILS

DATE	REMARKS
05/13/2022	PLANNING SUBMITTAL
11/11/2022	FIRE /PLANNING DEPARTMENT SUBMITTAL
12/29/2022	1ST PLAN CHECK SUBMITTAL
05/16/2023	2ND PLAN CHECK SUBMITTAL
06/14/2023	3RD PLAN CHECK SUBMITTAL
08/04/2023	CONSTRUCTION SET

DATE: 05/13/2022

DRAWN BY:

SHEET NUMBER: A10.2