

Walmart

ONLINE GROCERY PICKUP

REMODELED SQ FT: 1,142
 EXISTING SQ FT: 206,136
 DATE: 05/15/20

HANFORD, CA
 STORE NO.: 1645-255

Walmart

Walmart

Walmart

brr
 ARCHITECT OF RECORD:
 MARIAH B MEYER
 8131 METCALF AVENUE
 SUITE 300
 OVERLAND PARK, KS 66204
 www.brrarch.com
 TEL: 913-262-9095
 FAX: 913-262-9044

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CONSULTANTS

Walmart
 HANFORD, CA
 250 S 12TH AVE
 STORE NO.: 1645-255
 JOB NUMBER: 8665486

ISSUE BLOCK

CHECKED BY:
 DRAWN BY: CEL
 PROTO: 04/24/20
 DOCUMENT DATE: 05/15/20

NOT FOR CONSTRUCTION

COVER SHEET

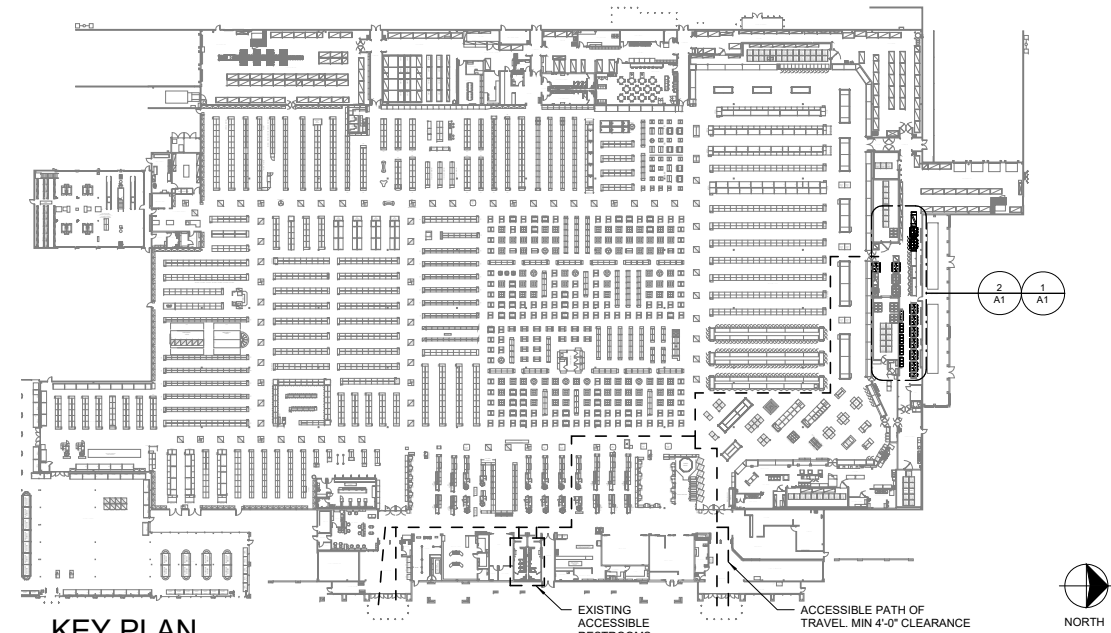
SHEET: C1

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 OS1 OWNER SUPPLIED ITEMS (NOT FOR PERMIT)

LEGEND

--- ACCESSIBLE PATH OF TRAVEL



BUILDING CODE SUMMARY

NAME OF PROJECT:	HANFORD, CA
STREET ADDRESS:	250 S 12TH AVE
PROPOSED USE:	RETAIL
CODES	
BUILDING CODE:	2019 California Building Code
MECHANICAL CODE:	2019 California Mechanical Code
PLUMBING CODE:	2019 California Plumbing Code
ELECTRICAL CODE:	2019 California Electrical Code
FIRE CODE:	2019 California Fire Code
ACCESSIBILITY CODE:	2019 California Building Code, Chapter 11B
ENERGY CODE:	2019 California Energy Code
ADDITIONAL CODES:	2019 California Green Building Standards
OCCUPANCY	
M - MERCANTILE; WHOLESALE OR RETAIL STORE (MAIN USE)	
S1 - STORAGE AREA; MOTOR VEHICLE SERVICE STATION AND RECEIVING AND STOCK ROOMS (MIXED USE)	
A2 - ASSEMBLY USE; BREAKROOM AND FOOD TENANT (ACCESSORY TO MAIN USE)	
B - BUSINESS; NON FOOD TENANT (ACCESSORY TO MAIN USE)	
TYPE OF CONSTRUCTION	
11B UNPROTECTED (SPRINKLERED)	
ALLOWABLE AREA	
UNLIMITED	
FIRE PROTECTION:	
BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND IS SURROUNDED ON ALL SIDES BY 60 FEET MINIMUM OF PERMANENT OPEN SPACE.	

NO CHANGES PROPOSED TO EXISTING BUILDING AREA, OCCUPANCY OR EGRESS. ALL EXISTING EXITS TO REMAIN.

OGP - ON LINE GROCERY PICKUP
 THIS SCOPE OF WORK ENHANCES THE CAPACITY OF THE ONLINE GROCERY PICKUP. THE FUNCTIONALITY OF THE PROGRAM REMAINS UNCHANGED.

VICINITY MAP



GENERAL SCOPE OF WORK

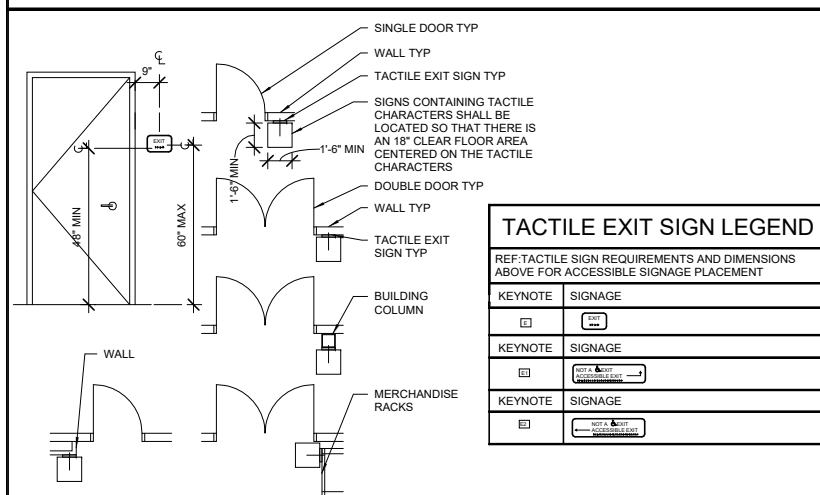
- SITE WORK: PICKUP STALL STRIPING AND INSTALL SIGNAGE AS NOTED
- GROCERY STORAGE: ADD (1) REFRIGERATION CASES, TOTS AND DOLLIES

GENERAL NOTES

- BUILDING WILL BE FULLY SPRINKLERED AS REQUIRED BY CONTRACT DOCUMENTS. SUBMIT FIRE SPRINKLER SYSTEM DRAWINGS AND CALCULATIONS TO AUTHORITIES HAVING JURISDICTION (FIRE DEPARTMENT, FIRE MARSHAL, ETC). OBTAIN ALL APPROVALS PRIOR TO FABRICATION OR INSTALLATION. OWNER WILL PROVIDE, OR HAS ALREADY PROVIDED, FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10. AUTHORITY HAVING JURISDICTION WILL APPROVE FINAL FIRE EXTINGUISHER LOCATIONS.
- WAL-MART'S ALARM CENTRALS ENGINEERING TEAM HAS CONTACTED THE AUTHORITY HAVING JURISDICTION FOR PRE-PAN DATA ABOUT STATE AND LOCAL REQUIREMENTS THAT DIFFER FROM THE NATIONALLY PUBLISHED CODES AND STANDARDS. A COMPLETE SITE SPECIFIC SUBMITTAL IS BEING MADE DIRECTLY TO THE AUTHORITY HAVING JURISDICTION. QUESTIONS SHOULD BE DIRECTED TO 1-800-530-9924, OPTION 3.
- THE STOCKROOM WILL HAVE A STACKING HEIGHT OF 15 FEET OF CLASS I-IV COMMODITIES IN FIXED, SINGLE AND DOUBLE ROW RACKS.
- REFER TO SPECIFICATION SECTIONS 01600 - PRODUCT REQUIREMENTS AND APPENDIX A - OWNER FURNISHED EQUIPMENT. THESE SECTIONS INCLUDE SPECIFIC INFORMATION REGARDING ITEMS AND SERVICES TO BE FURNISHED AND INSTALLED BY INDIVIDUALS OTHER THAN THE GENERAL CONTRACTOR.
- CONTACT WAL-MART ROOFING MAINTENANCE VIA EMAIL AT ROOFFM@WAL-MART.COM FOR APPROVED BONDED ROOFERS. NO EXCEPTIONS.
- INSTALL 5" DIA, 48" LONG PVC TUBE WITH SCREW GAP FOR REMODEL PLAN STORAGE. MOUNT INSIDE EDC. THIS WILL BE IN ADDITION TO EXISTING TUBES.
- REFER TO GENERAL CONTRACTOR PERMIT, REGISTRATION NOTIFICATION INSPECTION & INSTALLER CERTIFICATION(GCPRI) REPORT LOCATED IN GC PERMIT INFORMATION FOLDER ON OWNER'S DOCUMENT DELIVERY WEBSITE.

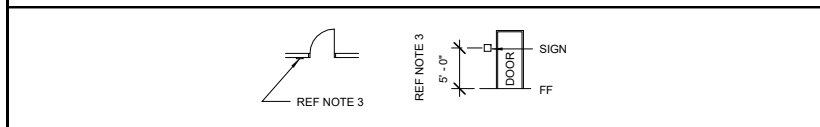
ARCHITECTURAL: MARIAH B MEYER ARCHITECT OF RECORD 8131 METCALF AVENUE, SUITE 300 OVERLAND PARK, KS 66204	STRUCTURAL/RACKING JOHNSTON BURKHOLDER ASSOCIATES ENGINEER OF RECORD 330 CENTRAL ST KANSAAS CITY, MO 64105	MECHANICAL / PLUMBING / ELECTRICAL: HENDERSON ENGINEERS, INC. ENGINEER OF RECORD 8345 LENEKA DRIVE, SUITE 300 LENEXA, KS 66214	BUILDING OFFICIAL COMMUNITY DEVELOPMENT DEPT. BUILDING DIVISION 317 N DOUTY STREET HANFORD, CA 93230
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TACTILE SIGNAGE



- ### TACTILE SIGN REQUIREMENTS
- A TACTILE SIGN STATING "EXIT" AND COMPLYING WITH ANSI A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE. REF DOOR SCHEDULE FOR LOCATIONS.
 - FOR CHARACTER WIDTH, THE UPPERCASE LETTER "O" SHALL BE USED TO DETERMINE THE ALLOWABLE WIDTH OF ALL CHARACTERS OF A FONT. THE WIDTH OF THE UPPERCASE LETTER "O" OF THE FONT SHALL BE 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE "T" OF THE FONT. CHARACTER HEIGHT MEASURED FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" (16 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "T".
 - CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND
 - CHARACTERS SHALL CONFORM TO THE FOLLOWING:
 - LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED GRADE 2 BRAILLE
 - RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH AND A MAXIMUM OF 2"
 - CONTRACTED GRADE 2 BRAILLE SHALL BE USED.

SIGNAGE LEGEND

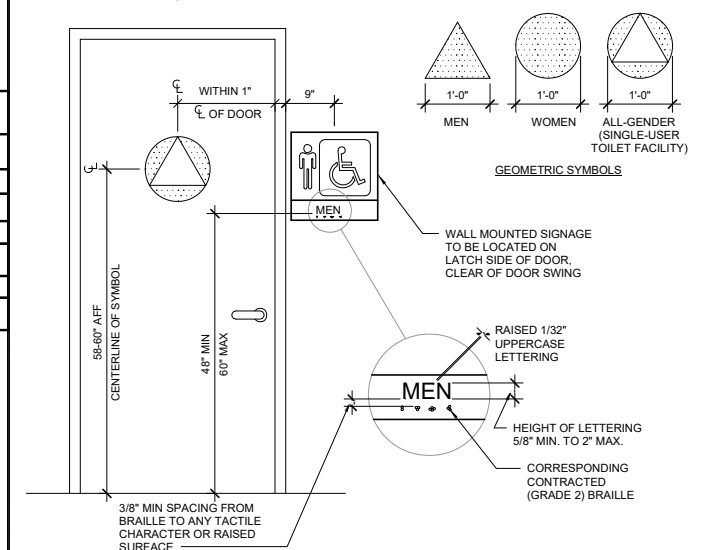


- REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT THE FOLLOWING LOCATIONS:
 - ACCESSIBLE ENTRANCES WHERE NOT ALL ENTRANCES ARE ACCESSIBLE
 - ACCESSIBLE ROOMS WHERE MULTIPLE SINGLE-USER TOILETS ARE CLUSTERED AT A SINGLE LOCATION
 - ACCESSIBLE CHECK-OUT AISLES WHERE NOT ALL AISLES ARE ACCESSIBLE. THE SIGN, WHERE PROVIDED, SHALL BE ABOVE THE CHECK-OUT AISLE IN THE SAME LOCATION AS THE CHECK-OUT AISLE NUMBER OR TYPE OF CHECK-OUT IDENTIFICATION
 - ACCESSIBLE UNISEX TOILET AND BATHING ROOMS
 - ACCESSIBLE DRESSING, FITTING AND LOCKER ROOMS WHERE NOT ALL SUCH ROOMS ARE ACCESSIBLE
- DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST LIKE ACCESSIBLE ELEMENT SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS. THESE DIRECTIONAL SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY:
 - AT EACH SEPARATE -SEX TOILET INDICATING THE LOCATION OF THE NEAREST UNISEX TOILET
- TACTILE SIGNAGE SHALL BE LOCATED 48 INCHES (1220 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE. MEASURED FROM THE BASE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES (1525 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE. MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (455 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. EXCEPTION: SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.
- CHARACTER AND SYMBOLS OF SIGNS SHALL BE IN CONTRAST WITH THEIR BACKGROUND AND SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE MATERIAL OR FINISHES ACCESSIBLE SIGNAGE SHALL USE CONTRACTED GRADE 2 BRAILLE AND MUST COMPLY WITH ANSI A117.1 SECTION 703.4

RESTROOM DOOR SYMBOLS

GEOMETRIC SYMBOL REQUIREMENT

DOORWAYS LEADING TO TOILET FACILITIES MUST BE IDENTIFIED BY A GEOMETRIC SYMBOL. AN EQUILATERAL TRIANGLE 14 INCH THICK WITH EDGES 12 INCHES LONG AND A VERTEX POINTING UPWARD IS REQUIRED FOR MEN AND A CIRCLE 14 INCH THICK AND 12 INCHES IN DIAMETER IS REQUIRED FOR WOMEN. WHERE A ALL-GENDER (SINGLE-USER TOILET FACILITY) IS PROVIDED A COMBINED CIRCLE AND TRIANGLE SYMBOL IS REQUIRED. GEOMETRIC SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60 INCHES FROM THE FINISH FLOOR. THE GEOMETRIC SYMBOL SHALL CONTRAST WITH THE DOOR, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND.



SIGNS & IDENTIFICATION

- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH IN TITLE 24 AND AS SPECIFICALLY REQUIRED IN THIS SECTION.
- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595C.
- FOR CHARACTER PROPORTION, THE UPPERCASE LETTER "O" SHALL BE USED TO DETERMINE THE ALLOWABLE WIDTH OF ALL CHARACTERS OF A FONT. THE WIDTH OF THE UPPERCASE LETTER "O" OF THE FONT SHALL BE 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "T".
- MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH TITLE 24, CBC TABLE 703.5.5. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN. CHARACTER HEIGHT SHALL BE BASED ON THE UPPERCASE LETTER "T". CHARACTER HEIGHT MEASURED FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" (15.9 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM.
- CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.
- WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:
 - CHARACTERS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS. RAISED LETTERS SHALL BE DUPLICATED IN BRAILLE.
 - PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 8" MINIMUM. PICTOGRAMS AND THEIR FIELDS SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST THEIR FIELDS, WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. A PICTOGRAM IS NOT REQUIRED FOR ALL-GENDER WALL SIGNAGE.
- CONTRACTED (GRADE 2) BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN. DOTS SHALL BE 11/16" ON CENTER IN EACH CELL WITH 3/16" SPACE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.
- WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE ACCOMPANIED BY BRAILLE. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES (1219 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE. MEASURED FROM THE BASE OF THE LOWEST BRAILLE CELLS AND 60 INCHES (1524 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE. MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (457 MM) MINIMUM BY 18 INCHES (457 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.
- SIGNS TO BE PROVIDED AT ALL PUBLIC MEN, WOMEN, AND ALL-GENDER RESTROOMS. ROOM NAME SHALL BE "RESTROOM" AT ALL-GENDER (SINGLE-USER TOILET FACILITIES).

SITE VERIFICATION REQUIREMENTS

- THE ARCHITECT HAS PRODUCED THESE DRAWINGS BASED ON THE EXISTING BUILDING AND CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO THE SUBMISSION OF HIS BID AND PRIOR TO THE COMMENCEMENT OF ANY WORK. NO ADDITIONAL COMPENSATION WILL BE PAID DUE TO THE CONTRACTOR'S FAILURE TO ACQUAINT HIMSELF WITH EXISTING SITE AND BUILDING CONDITIONS WHICH INCLUDE, BUT ARE NOT LIMITED TO EXISTING WALL, CEILING, OR UTILITIES.
- ANY DISCREPANCY WITH THE EXISTING SITE AND BUILDING CONDITIONS AND/OR THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION AND INSTRUCTION. THESE CONSTRUCTION DOCUMENTS HAVE BEEN DESIGNED AND DRAWN ASSUMING EXISTING BUILDING CONDITIONS MATCH THE ORIGINAL DRAWINGS. THE GENERAL CONTRACTOR, IMMEDIATELY UPON ARRIVAL AT THIS SITE, SHALL VERIFY ALL EXISTING STRUCTURAL COLUMN DIMENSIONS, STRUCTURAL BEARING HEIGHTS, EXISTING DIMENSION, AND ROOFING CONDITIONS (INCLUDING PARAPETS). IF DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND EXISTING FIELD CONDITIONS, CONTACT THE WALMART CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY TO DETERMINE WHAT ACTION SHOULD BE TAKEN TO MATCH EXISTING CONDITIONS.
- ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES (WHETHER SHOWN OR NOT) PRIOR TO THE SUBMISSION OF HIS BID OR THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE WALMART CONSTRUCTION MANAGER AND THE ARCHITECT OF THE DISCOVERY OF EXISTING UTILITIES NOT SHOWN OR NOTED ON THE DRAWINGS.
- THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND DEPTHS OF UNDERGROUND UTILITY SERVICES PRIOR TO ANY EXCAVATION.
- REPORT ANY DISCREPANCIES FOUND IN THE FIELD IMMEDIATELY TO WALMART AND THE ARCHITECT PRIOR TO MAKING ANY MODIFICATIONS OR ORDERING OF ANY MATERIALS.

GENERAL REQUIREMENTS

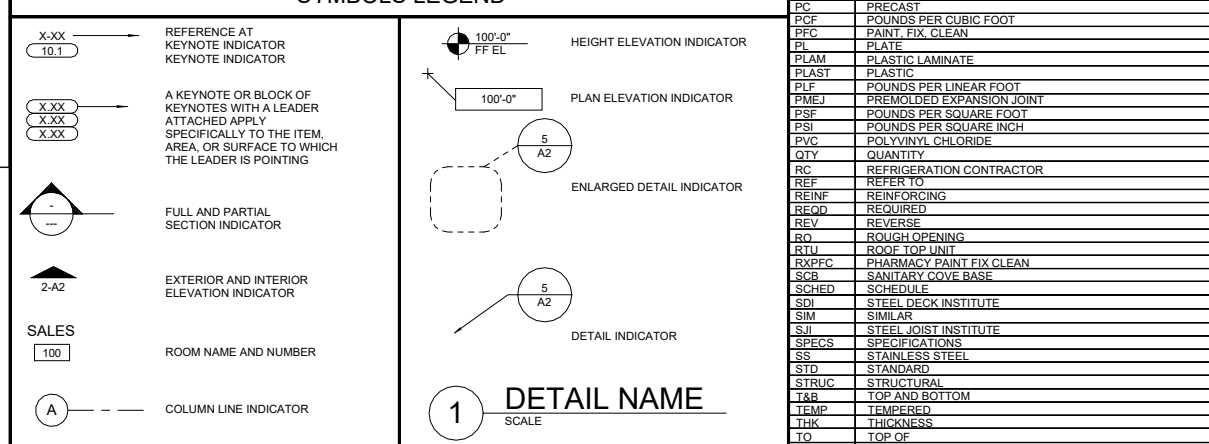
- ALL WORK SHALL BE DONE IN A SAFE MANNER AND IN STRICT ACCORDANCE WITH THE LOCAL AND/OR STATE (IF APPLICABLE) BUILDING CODES, NATIONAL ELECTRIC CODE (NEC), ADA-ADAAGS (ADOPTED HANDICAP ACCESSIBILITY REQUIREMENTS), OSHA AND ALL APPLICABLE CODES, REGULATIONS, ORDINANCES, AND AUTHORITIES HAVING JURISDICTION.
- EACH CONTRACTOR AND THEIR SUB-CONTRACTORS ARE RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE HIM OF ANY RESPONSIBILITY FOR PERFORMING HIS WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.
- THE EXISTING BUILDING SHALL BE PROTECTED FROM MOISTURE, DUST AND DEBRIS. INSTALL DUST PARTITIONS OR DRAPES AS REQUIRED AND/OR DIRECTED BY THE WALMART CONSTRUCTION MANAGER TO KEEP DUST AND MOISTURE FROM THE OPERATING AREAS OF THE STORE.
- ANY DAMAGE TO WALMART PROPERTY, WHICH OCCURS DURING THE PROCESS OF CONSTRUCTION, SHALL BE REPAIRED/REPLACED AT NO ADDITIONAL COST TO WALMART. THIS INCLUDES ALL MERCHANDISE. THE CONTRACTOR SHALL PAY WALMART THE RETAIL COST FOR ALL DAMAGED MERCHANDISE.
- THE CONTRACTOR SHALL KEEP WORK AREA CLEAN AND FREE OF DEBRIS AND SHALL REMOVE ALL TRASH AND DEBRIS FROM THE CONSTRUCTION AREA DAILY. NO FLAMMABLE MATERIALS OR LIQUIDS MAY BE STORED IN THE EXISTING BUILDING OR CONSTRUCTION AREAS.
- REMOVE ANY EXISTING ITEMS, SERVICES, FINISHES OR SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW CONSTRUCTION. PROVIDE FURRING FOR CONDUITS AND PIPING, SHOWN OR NOT, AND FINISH OUT FURRING TO MATCH ADJACENT FINISHES.
- ALL ADJACENT TENANT SPACES SHALL REMAIN IN SERVICE DURING DEMOLITION AND CONSTRUCTION.
- SCHEDULE ALL WORK TO KEEP DISRUPTIONS TO THE STORE OPERATIONS AT A MINIMUM. COORDINATE UTILITY DISRUPTIONS WITH THE WALMART STORE MANAGER.
- REPAIR, RE-ROUTE, AND EXTEND ALL SERVICES, PIPING, CONDUIT OF EXISTING ITEMS AND EQUIPMENT AS REQUIRED DURING THE CONSTRUCTION PROCESS FOR THE COMPLETE INSTALLATION AND OPERATIONS OF NEW EQUIPMENT. THIS INCLUDES ALL ITEMS SHOWN OR NOT SHOWN ON THE DRAWINGS. RESET EXISTING EQUIPMENT OR RELATED ITEMS AS REQUIRED FOR PROPER OPERATION.
- WHERE EXISTING FINISHES ARE TO REMAIN, CLEAN, REPAIR, PATCH, AND/OR REPAINT AS NECESSARY TO BLEND WITH ADJACENT SURFACES. COORDINATE WITH WALMART CONSTRUCTION MANAGER.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY ORDERING OF MATERIALS TO PROHIBIT DELAYS OF THE CONSTRUCTION SCHEDULE OF THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE DELIVERY OF MATERIALS IN A TIMELY MANNER.
- THE GENERAL CONTRACTOR SHALL RESPOND TO ALL REQUIREMENTS OF THE ARCHITECT FOR VERIFICATIONS, RESPONSES AND SUBMISSIONS.
- DURING ENTIRE CONSTRUCTION PERIOD, PROVIDE ONE 1.1 LITERS (2.2 GALLON) DRY CHEMICAL FIRE EXTINGUISHER, OR ONE STANDARD 1.1 LITERS (2.2 GALLON) WATER (E-10) AND ONE 1.1 LITERS (2.2 GALLON) CARBON DIOXIDE FIRE EXTINGUISHER MOUNTED TOGETHER IN EACH 3000 SQUARE FOOT OF WORK AREA OR FRACTION THEREOF (MINIMUM OF TWO AVAILABLE IN ALL CONSTRUCTION AREAS AT ALL TIMES).
- IF MODIFICATION TO SPRINKLER SYSTEM IS REQUIRED, THE GENERAL CONTRACTOR SHALL HIRE A LICENSED SPRINKLER CONTRACTOR. THE CONTRACTOR IS TO SUBMIT SIGNED AND SEALED SPRINKLER DRAWINGS FOR APPROVAL TO THE AJH PRIOR TO ANY ALTERATION OF THE AUTOMATIC SPRINKLER SYSTEM.
- THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING BUILDING SECURITY AT ALL TIMES. THIS INCLUDES KEEPING THE BUILDING SECURE FROM PERSONS, ENVIRONMENTAL ELEMENTS OR HAZARDS. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE INTEGRITY OF ALL EXISTING SECURITY SYSTEMS. THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE STORE MANAGER PRIOR TO THE MODIFICATION OF ANY EXISTING SECURITY SYSTEM FOR THE OPENING (DEMOLITION) OF ANY EXTERIOR WALL.
- FIRE ALARM DRAWINGS TO BE PROVIDED BY WALMART ALARM SERVICES.
- CONTRACTOR TO MAINTAIN ACCESS TO ALL EMERGENCY EGRESS EXITS DURING CONSTRUCTION OPERATIONS.

DEMOLITION NOTES

- CONTRACTOR IS RESPONSIBLE FOR ALL JOBSITE SAFETY AND COMPLIANCE WITH OSHA REGULATIONS. CONTRACTOR WILL INSTALL TEMPORARY WALL, DUST BARRICADES AND CONSTRUCTION BARRIERS AND TAKE ALL PRECAUTIONS TO PROTECT CUSTOMERS AND ASSOCIATES FROM CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION. IF DISCREPANCIES ARE FOUND, CONTACT THE ARCHITECT AND WALMART CONSTRUCTION MANAGER.
- UTILITIES ARE REMOVED, CAP AND SEAL A MINIMUM OF 8" BELOW FINISH FLOOR OR A MINIMUM OF 6" ABOVE FINISH CEILING.
- SAW CUTTING OF EXISTING CONCRETE WILL BE COORDINATED WITH STORE MANAGER FOR APPROPRIATE HOURS TO MINIMIZE CUSTOMERS DISTURBANCE. NO JACKHAMMERS ARE ALLOWED.
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF CONSTRUCTION WASTE AND DEBRIS. DO NOT USE STORE DUMPSTERS. PREVENT CUSTOMERS AND ASSOCIATES FROM CONTACT WITH CONSTRUCTION WASTE.
- COORDINATE LOCATION OF DUMPSTER ON SITE WITH WALMART CONSTRUCTION MANAGER.

DEFINITION LEGEND

FINAL MERCHANDISE PLAN - FINALIZED MERCHANDISE PRINT FROM WM. ALSO REFERRED TO AS THE DEAL BOX COPY



STIPULATION FOR REUSE: THIS DRAWING WAS PREPARED FOR THE PROJECT OF HANFORD, CA. IT IS NOT TO BE REUSED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. THE ARCHITECT ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE ARCHITECT ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREIN.

CONSULTANTS:

CHECKED BY:
DRAWN BY: CEL
PROTO: 04/24/20
DOCUMENT DATE: 05/15/20

NOT FOR CONSTRUCTION

GENERAL INFORMATION

SHEET: N1

CAL GREEN VOC LIMITS

TABLE 5.504.4.1 ADHESIVE VOC LIMIT 1.2 Less Water and Less Exempt Compounds in Grams Per Liter

Table with 2 columns: ARCHITECTURAL APPLICATIONS, CURRENT VOC LIMIT. Lists various adhesives like indoor carpet, rubber floor, and construction adhesives.

- 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.

TABLE 5.504.4.2 SEALANT VOC LIMIT Less Water and Less Exempt Compounds in Grams per Liter

Table with 2 columns: SEALANTS, CURRENT VOC LIMIT. Lists sealants like architectural, marine deck, nonmembrane roof, etc.

Note: For additional information regarding methods to measure the VOC content specified in these tables, see South Coast Air Quality Management District Rule 1168.

TABLE 5.504.4.3 VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS Less Water and Less Exempt Compounds

Table with 2 columns: COATING CATEGORY, CURRENT LIMIT. Lists various coating categories like flat, specialty, and industrial maintenance coatings.

- 1. Grams of VOC per liter of coating, including water and 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, February 1, 2008.

CAL GREEN FORMALDEHYDE LIMITS

TABLE 5.504.4.5 FORMALDEHYDE LIMITS Maximum Formaldehyde Emissions in Parts per Million.

Table with 2 columns: PRODUCT, CURRENT LIMIT. Lists products like hardwood plywood veneer core, particle board, etc.

- 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.
2. Thin medium density fiberboard has a maximum thickness of 5/16 inches (8mm).

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

SECTION A5.602 NON RESIDENTIAL OCCUPANCIES APPLICATION CHECKLISTS

APPLICATION CHECKLIST FOR BSC

Table with 2 columns: APPLICATION CHECKLIST FOR BSC, MANDATORY. Lists requirements for environmental quality, pollutant control, energy efficiency, and water efficiency.

SECTION A5.602 NON RESIDENTIAL OCCUPANCIES APPLICATION CHECKLISTS

APPLICATION CHECKLIST FOR BSC

Table with 2 columns: APPLICATION CHECKLIST FOR BSC, MANDATORY. Lists requirements for outdoor water use, weather resistance, moisture control, and construction waste management.

SECTION A5.602 NON RESIDENTIAL OCCUPANCIES APPLICATION CHECKLISTS

APPLICATION CHECKLIST FOR BSC

Table with 2 columns: APPLICATION CHECKLIST FOR BSC, MANDATORY. Lists requirements for construction waste reduction, disposal and recycling, and indoor moisture control.

SECTION A5.602 NON RESIDENTIAL OCCUPANCIES APPLICATION CHECKLISTS

APPLICATION CHECKLIST FOR BSC

Table with 2 columns: APPLICATION CHECKLIST FOR BSC, MANDATORY. Lists requirements for building maintenance and operation, and indoor air quality.

SECTION A5.602 NON RESIDENTIAL OCCUPANCIES APPLICATION CHECKLISTS

APPLICATION CHECKLIST FOR BSC

Table with 2 columns: APPLICATION CHECKLIST FOR BSC, MANDATORY. Lists requirements for indoor air quality, including outdoor air delivery, carbon dioxide monitoring, and indoor moisture control.

CAL GREEN CHECK LIST

SECTION A5.602 NON RESIDENTIAL OCCUPANCIES APPLICATION CHECKLIST- continued

APPLICATION CHECKLIST FOR BSC

Table with 2 columns: APPLICATION CHECKLIST FOR BSC, MANDATORY. Lists requirements for environmental quality, pollutant control, energy efficiency, and water efficiency.

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ISSUE BLOCK

Table with 2 columns: CHECKED BY, DRAWN BY, PROTO, DOCUMENT DATE. Includes fields for project tracking and documentation.

NOT FOR CONSTRUCTION

CAL GREEN

SHEET: N2

SIGNAGE GENERAL NOTES

- BUILDING SIGNAGE FURNISHED BY WALMART, INSTALLED BY OTHERS. SITE DIRECTIONAL PLACARDS FURNISHED BY WALMART, INSTALLED BY G.C.; POLE FURNISHED AND INSTALLED BY G.C. PAVEMENT PAINT FURNISHED AND INSTALLED BY G.C.
- GENERAL CONTRACTOR RESPONSIBILITIES:
 - REMOVE EXISTING BUILDING SIGNAGE AS INDICATED.
 - BY END OF FIRST WEEK OF CONSTRUCTION, REVIEW EXISTING CONSTRUCTION WHERE SIGN(S) WILL BE INSTALLED. IF EXISTING CONDITIONS DO NOT MATCH SIGN ATTACHMENT DETAILS SHOWN, REQUEST APPROVAL FROM CONSTRUCTION MANAGER TO SUBMIT RFI IN ACCORDANCE WITH SECTION 01255. NOTE DIFFERENCES IN CONSTRUCTION, INCLUDING DIMENSIONS, AND INCLUDE PHOTOGRAPHS FOR CLARIFICATION.
 - PROVIDE JUNCTION BOXES AND CIRCUITRY TO NEW "Pickup" AND "spark" SIGNAGE.
 - VERIFY VOLTAGE AT CIRCUITS FEEDING LIGHTED SIGNAGE. REFER TO ELECTRICAL.
 - MAKE FINAL TERMINATIONS ON LIGHTED SIGNAGE.
 - INSTALL CHECK-IN KIOSKS & COORDINATE W/ VENDOR.
 - FOR SPECIAL PROJECTS, WHEN REQUIRED BY AHJ, G.C. IS RESPONSIBLE TO ACQUIRE SEPARATE PERMIT(S) FOR INSTALLATION OF SITE SIGNS. FOR REM PROJECTS, FOLLOW REM SIGN STANDARDS FOR PERMIT(S) AND INSTALLATION.
 - ALL SIGN PLACARDS FURNISHED BY WALMART AND INSTALLED BY GENERAL CONTRACTOR. ALL PAINT FOR PAVEMENT MARKINGS ARE SUPPLIED AND PAINTED BY THE GENERAL CONTRACTOR.
 - FOR REMODEL PROJECTS, THE G.C. SHALL CONTACT THE WALMART SIGN SHOP WITH QUANTITIES AND TYPES OF PARKING STALL SIGNS AND WAY FINDING SIGNS NEEDED. CONTRACTOR TO PLACE ORDER AT LEAST 3 WEEKS IN ADVANCE OF THE OGP LAUNCH DATE. ORDER SHALL BE SENT VIA EMAIL TO GETTY THOMAS (Getty.Thomas@walmart.com) AND BRAD KEENER (Bradley.Keener@walmart.com). REQUEST SHALL CONTAIN A DELIVERY ADDRESS, DESIRED DELIVERY DATE, AND ANY SITE SPECIFIC SIGN SIZE AND/OR COLORS BASED ON APPROVED PLANS.
- SIGNAGE CONTRACTOR RESPONSIBILITIES:
 - FURNISH SPECIFIED CONDUIT FOR LIGHTED SIGNAGE.
 - MAKE REQUIRED EXTERIOR WALL PENETRATIONS, INSTALL CONDUIT, AND SEAL PENETRATIONS PER SPECIFICATION SECTION 07900.
 - INSTALL SIGNAGE PER DETAILS ON THIS SHEET.



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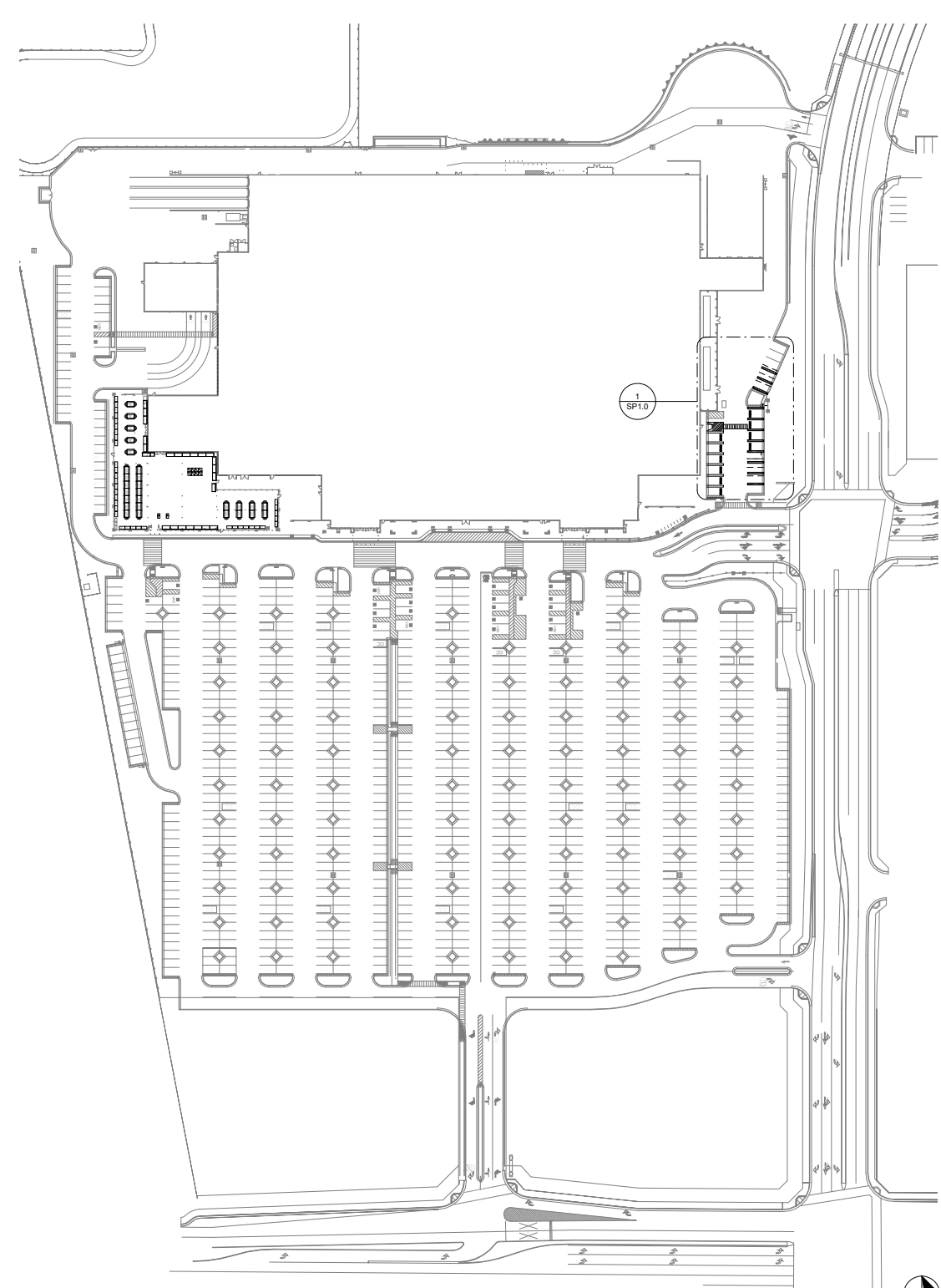
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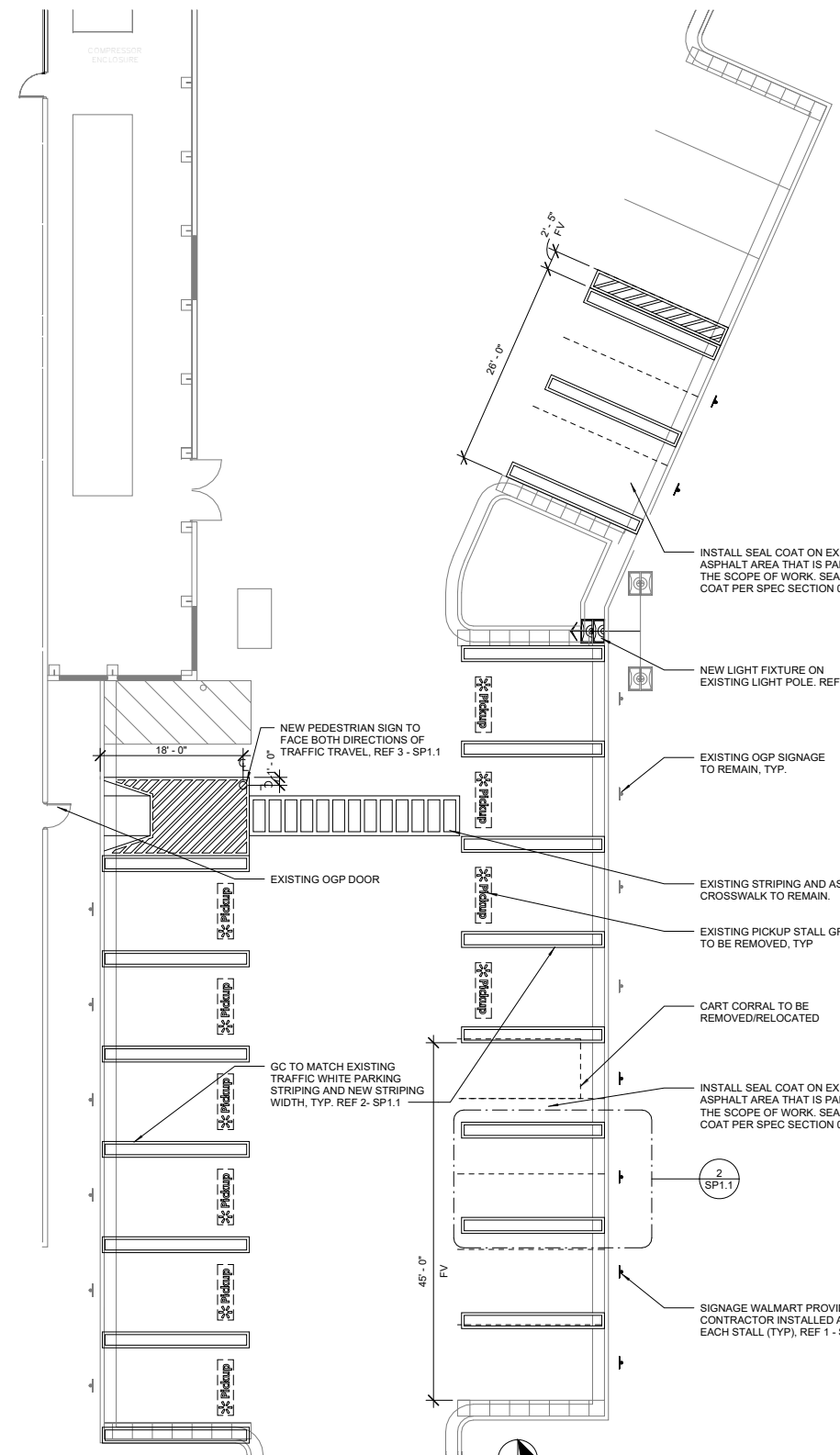
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SITE PLANS

SHEET:
SP1.0



2 SITE PLAN
 1" = 80'-0"



1 PICKUP PARKING PLAN
 1" = 10'-0"

FINISH LEGEND

PSE SAFETY YELLOW



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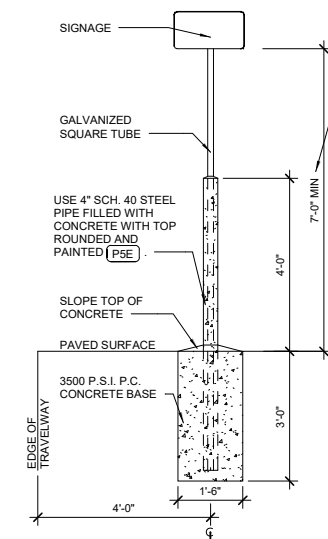
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SITE AND PAVEMENT SIGNAGE DETAILS

SHEET: **SP1.1**

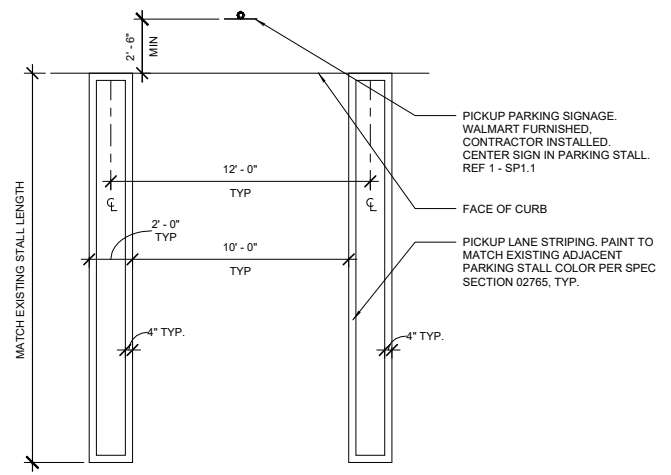


3 SIGNAGE SITE WITH NEW BASE
 1/2" = 1'-0"

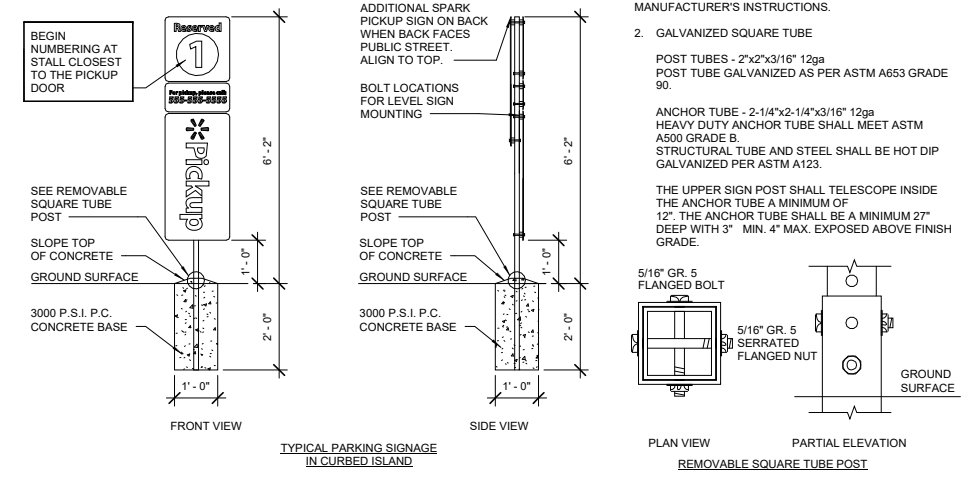
NOTE: THE MIN. HEIGHT OF THE BOTTOM OF THE LOWEST SIGN SHALL BE 7'-0"

RELOCATE EXISTING SIGNS WHERE POSSIBLE. FOR NEW PEDESTRIAN CROSSING SIGN USE MUTCD WARNING SIGNS. MATCH EXISTING SITE SIGNAGE (R1-5b or W11-2).

ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.



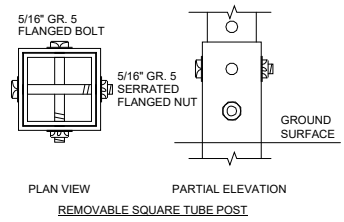
2 PARKING STALL
 1/4" = 1'-0"

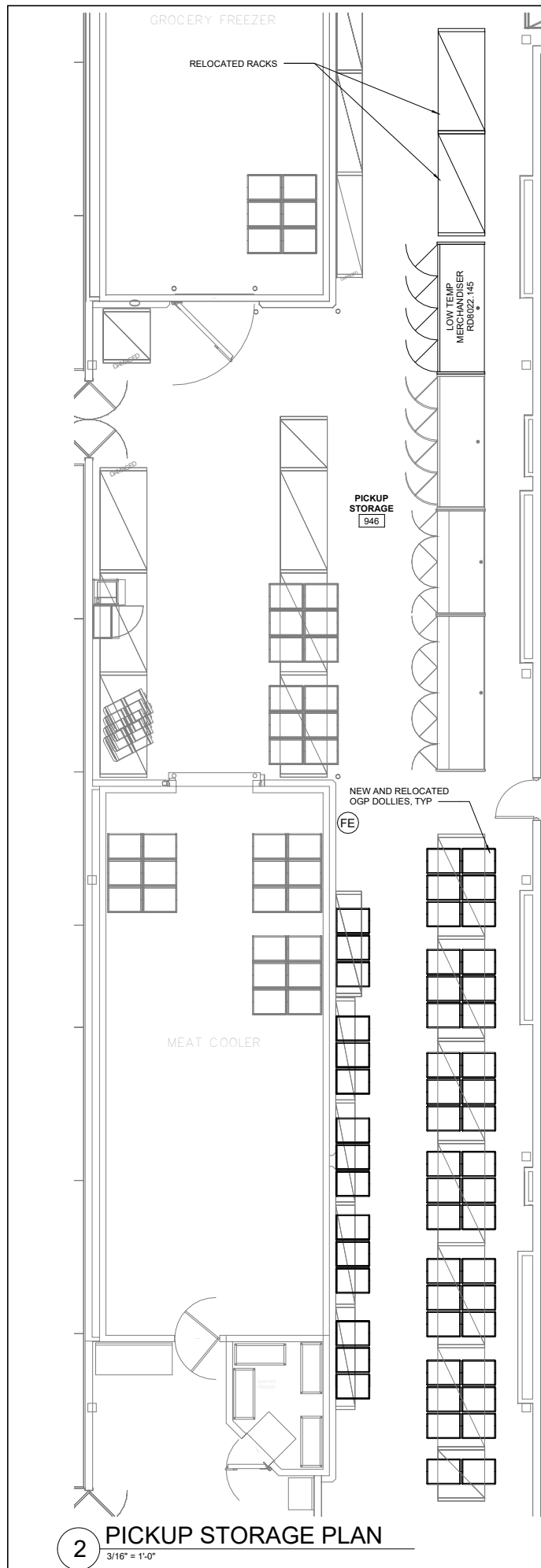


1 SIGNAGE PARKING STALL MOUNTING AND BASE
 1/2" = 1'-0"

NOTES:
 1. ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

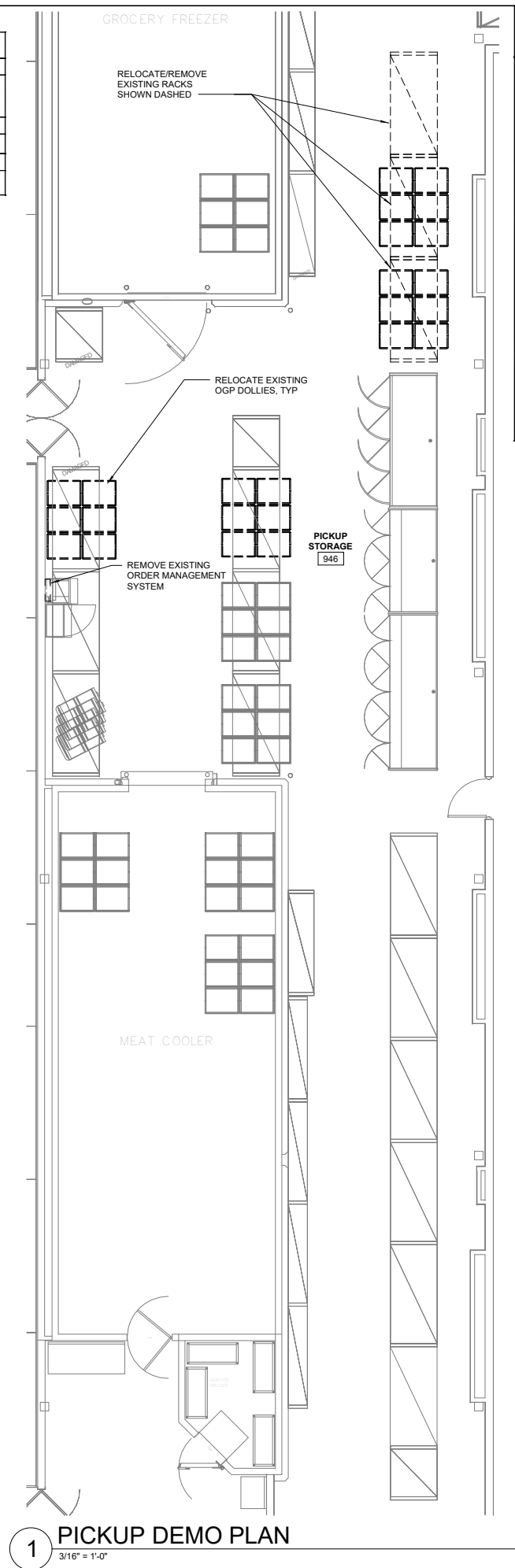
2. GALVANIZED SQUARE TUBE
 POST TUBES - 2"x2"x3/16" 12ga
 POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.
 ANCHOR TUBE - 2-1/4"x2-1/4"x3/16" 12ga
 HEAVY DUTY ANCHOR TUBE SHALL MEET ASTM A500 GRADE B.
 STRUCTURAL TUBE AND STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.
 THE UPPER SIGN POST SHALL TELESCOPE INSIDE THE ANCHOR TUBE A MINIMUM OF 12". THE ANCHOR TUBE SHALL BE A MINIMUM 27" DEEP WITH 3" MIN. 4" MAX. EXPOSED ABOVE FINISH GRADE.





2 PICKUP STORAGE PLAN
3/16" = 1'-0"

946 PICKUP STORAGE	
WALL FINISH	
EXISTING WALLS ETR. NEW WALLS DO NOT PAINT AND MATCH ADJACENT CEILINGS. REF SPECIFICATIONS FOR FINISH.	
FLOOR	
ICC, EC, VCT, PVC ALL ETR.	
CEILING	
OPEN TO STRUCTURE ETR.	



1 PICKUP DEMO PLAN
3/16" = 1'-0"

PICKUP STORAGE SHEET NOTES

- STUD WALL DIMENSIONS ARE TO THE FACE OF THE STUDS
- WALLS AND INFILL OF EXISTING OPENINGS ARE TO MATCH THE CONSTRUCTION AND FINISHES OF ADJACENT EXISTING WALLS.
- DIMENSIONS OF REFRIGERATED CASES ARE TO THE OUTERMOST POINTS OF THE CASES. ENDCAPS AND BUMPERS ARE CONSIDERED PART OF THE CASE, WHERE THEY OCCUR. DIMENSIONS ON THE FIXTURE PLAN ARE FOR LAYOUT OF OWNER-FURNISHED ITEMS ONLY AND ARE NOT TO BE USED FOR LOCATION OF WALLS AND OTHER CONTRACTOR-BUILT ITEMS.
- PROPER INSTALLATION OF JOINT SEALANTS IS CRITICAL TO MEETING WALMART QUALITY ASSURANCE STANDARDS. PROVIDE SEALANTS IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS. REFERENCE SECTION 07900 FOR SEALANT SCHEDULE.
- ALL JOINTS BETWEEN DISSIMILAR MATERIALS SHALL BE SEALED AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, REGARDLESS OF WHETHER SHOWN ON THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS, SUCH JOINTS NOT SHOWN OR SCHEDULED SHALL BE SEALED WITH SEALANTS CONSISTENT WITH SPECIFIED MATERIALS OR AS RECOMMENDED BY THE MANUFACTURER FOR THE SPECIFIC APPLICATION.
- INTERIOR SEALANTS USED IN FOOD PREPARATION AREAS SHALL MEET THE REQUIREMENTS FOR USE IN USDA REGULATED FACILITIES.
- INSTALL CONT USDA APPROVED SEALANT AT ALL JOINTS BETWEEN MATERIALS ON WALLS AND FLOORS IN FOOD PREPARATION COOLER AND FREEZER AREAS.
- ALL FIXED (NON-MOVEABLE) EQUIPMENT INCLUDING SINKS, OVENS, AND REFRIGERATED EQUIPMENT SHALL BE SEALED TO THE WALLS. BASE OR LEGS SHALL BE SET IN A BED OF SEALANT WITH EXCESS REMOVED. MOVABLE EQUIPMENT SHALL NOT BE SEALED.
- PROVIDE STEEL CLOSURE PANELS AT ALL VERTICAL GAPS AND HORIZONTAL GAPS 52" OR LOWER BETWEEN REFRIGERATED CASES, WALLS, AND/OR EQUIPMENT.
- VERIFY EXACT LOCATION OF CASES WITH WALMART CONSTRUCTION MANAGER PRIOR TO STARTING CONSTRUCTION.
- ROUTE ALL UTILITY SERVICE LINES (PIPES AND CONDUIT) WITHIN STUD WALLS WHEREVER POSSIBLE. ON COOLER/FREEZER PANELS IN FOOD PREP AREAS WHERE UTILITIES MUST BE EXPOSED, CONTRACTOR TO HAVE THE OPTION OF THE FOLLOWING:
 - SURFACE MOUNT UTILITIES WITH NON-CORROSIVE ANCHORS; SEAL BOTH SIDES OF PIPE/CONDUIT TO PANEL CONTINUOUSLY WITH SEALANT.
 - INSTALL UTILITIES 12" OFF FACE OF PANEL TO ALLOW FOR CLEANING; USE ONLY NON-CORROSIVE ANCHORS; APPLY CONTINUOUS SEALANT ALONG EDGES AND JOINTS.
 - COVER UTILITIES WITH 20 GAUGE STAINLESS STEEL BENT PLATES MOUNTED TO WALL WITH NON-CORROSIVE ANCHORS; APPLY CONTINUOUS SEALANT ALONG EDGES AND JOINTS.
- ALL COOLER BOX MODIFICATIONS TO BE PERFORMED BY COOLER/FREEZER MANUFACTURER. RELATED SLAB WORK BY G.C.
- COOLER PANEL MANUFACTURERS TO FURNISH AND INSTALL LINERS, DOORS, PANELS, DOOR HARDWARE, STRIP CURTAINS, BATTEN STRIPS, MATERIALS, ETC (WHERE INDICATED ON DRAWINGS).
- REFER TO RACK ANCHORAGE PLAN FOR STEEL RACK AND/OR GONDOLA SHELVING FIXTURE ANCHORING REQUIREMENTS.
- RELOCATION AND SETUP OF GONDOLAS AND/OR RACKING AS INDICATED ON FXS SHEETS WILL BE PERFORMED BY OTHERS. ANCHORING OF UPRIGHTS TO BE PERFORMED BY GENERAL CONTRACTOR. ON SPECIAL PROJECTS, RELOCATION AND SETUP OF GONDOLA AND/OR RACKING AS INDICATED ON THIS SHEET WILL BE PERFORMED BY G.C.
- REPAIR BOLT HOLES AND SPALLS RESULTING FROM MERCHANDISE FIXTURE AND OR STORAGE RACK RELOCATION OR REMOVAL. REF SPEC 03905. FILL ALL BOLT HOLES AND SPALLS RESULTING FROM FIXTURE AND OR STORAGE RACK RELOCATION OR REMOVAL IN NON-CUSTOMER ACCESSIBLE AREAS WITH NON SHRINK GROUT.

REFRIGERATED CASE LEGEND						
WDS NUMBER	QTY.	CASE LENGTH-DOOR NO	Description	MFR OR SUPPLIER	MODEL NUMBER	NOTES
RD8022-145	1	4DR	REACH-IN	HUSSMANN CORPORATION	RFL	5

EQUIPMENT NOTES

ALL EQUIPMENT IS FURNISHED BY OWNER, INSTALLED BY VENDOR. GENERAL CONTRACTOR TO MAKE SITE AND CONNECTIONS READY, UNLESS OTHERWISE NOTED.

5. FINISHES FOR OWNER SUPPLIED EQUIPMENT ARE SPECIFIED PER BID ALIGNMENT BETWEEN OWNER AND OEM

OWNER WILL PROVIDE FIRE EXTINGUISHERS IN ACCORDANCE NFPA. AUTHORITY HAVING JURISDICTION WILL PROVIDE FINAL FIRE EXTINGUISHER LOCATIONS.

FIRE EXTINGUISHERS

FE TYPE: ABC
RATING: 2A-10B/C
(ORDINARY COMBUSTIBLE, FLAMMABLE LIQUID, ELECTRICAL EQUIPMENT)

brr

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STORAGE FLOOR PLANS AND DETAILS

SHEET: **A1**



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SIGNAGE DETAILS AND SCHEDULE

SHEET: **A2.1**

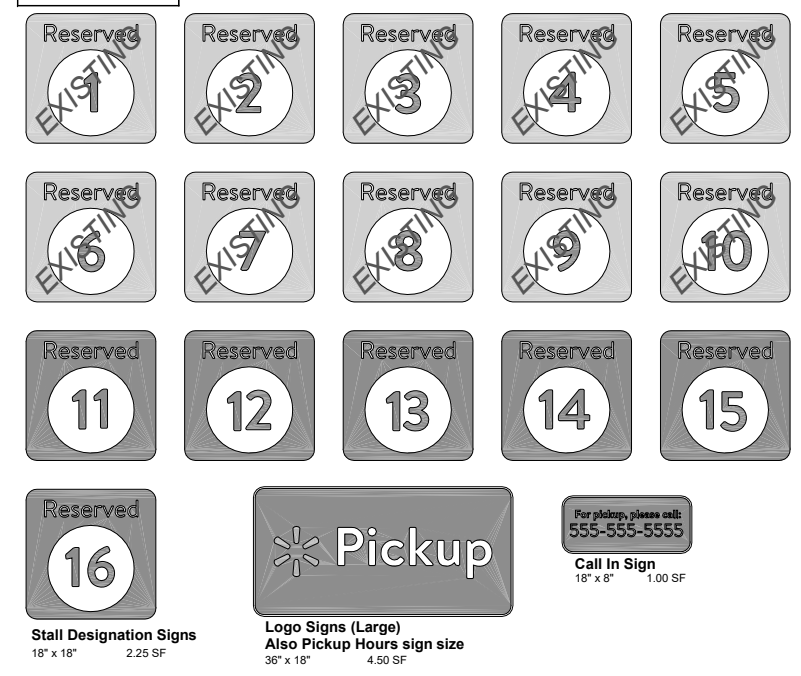
SIGNAGE NOTES

G.C. NOTE: FOR PICKUP SIGNAGE (DIRECTIONAL, CANOPY, AND PARKING), CONTACT WM SIGN SHOP AT GETTY.THOMAS@WALMART.COM

1. REF SP1.1 FOR POLE DETAILS AND SIGNAGE DETAILS

SIGNAGE CANOPY AND DIRECTIONAL	QTY	SIZE	INDIVIDUAL AREA	TOTAL AREA
SIGNAGE				
Stall Designation Sign #11	1	1'-6"	2.25 SF	2.25 SF
Stall Designation Sign #12	1	1'-6"	2.25 SF	2.25 SF
Stall Designation Sign #13	1	1'-6"	2.25 SF	2.25 SF
Stall Designation Sign #14	1	1'-6"	2.25 SF	2.25 SF
Stall Designation Sign #15	1	1'-6"	2.25 SF	2.25 SF
Stall Designation Sign #16	1	1'-6"	2.25 SF	2.25 SF
Logo Sign (Large)	6	3'-0"	4.50 SF	27.00 SF
Call In Sign	6	1'-6"	1.00 SF	6.00 SF

SIGNS FURNISHED BY WALMART. ATTACHMENT TO WALL OR BOLLARD BY G.C. REF 1-SP1.1



1 SIGNAGE MOUNTED TO BUILDING OR POST
 1" = 1'-0"

GENERAL NOTES

- 08.02.19
- FURNISH AND INSTALL ALL MATERIALS, EQUIPMENT, AND LABOR, FOR A COMPLETE INSTALLATION IN ALL RESPECTS, READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH NEC, NESC, STATE, AND LOCAL CODES, AND MANUFACTURER'S RECOMMENDATIONS. PAY ALL NECESSARY FEES AND PERMITS.
 - NO CIRCUITRY SHALL BE ALLOWED TO BE ROUTED ACROSS THE ROOF OR THE EXTERIOR SIDE OF THE EXTERIOR WALLS.
 - ALL EQUIPMENT SHALL BE UL LISTED WHERE APPLICABLE.
 - ARRANGE ALL WORK TO MINIMIZE DISRUPTIONS TO STORE OPERATIONS. COORDINATE ALL DISRUPTIONS WITH WALMART CONSTRUCTION MANAGER AND STORE MANAGER.
 - CONTRACTOR SHALL VERIFY ALL WALL FINISH THICKNESS BEFORE INSTALLING BOXES. FURNISH AND INSTALL EXTENDED BOXES OR BOX EXTENDERS WHERE REQUIRED.
 - CONTRACTOR SHALL VERIFY THAT ALL AFFECTED PANELBOARDS HAVE CIRCUIT BREAKER KNOCKOUTS PROPERLY COVERED AND THAT ALL TRIM IS IN GOOD CONDITION, ALLOWING NO ACCESS TO LIVE PARTS.
 - PROVIDE SEALS AT RACEWAY PENETRATIONS AS FOLLOWS:
 - FIRE RATED WALLS: SEAL PER SPECIFICATIONS FOR FIRE STOPPING.
 - NEUTRALIZATION AREA: SEAL PER MECHANICAL DETAIL.
 - FREEZER/COOLER BOXES: SEAL WITH EXPANDING FOAM SEALANT.
 - EXTERIOR: REFER TO ARCHITECTURAL DOCUMENTS FOR SEALING REQUIREMENTS AT ALL EXTERIOR MOUNTED DEVICES, FIXTURES, ENCLOSURES, AND RACEWAY PENETRATIONS.
 - PROVIDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR (SIZE PER NEC) IN PVC TYPE CONDUIT. POWER AND LIGHTING CIRCUITS, ISOLATED GROUND CIRCUITS, OR AS SHOWN ON PLANS. CONDUIT SHALL BE PER NEC BASED ON THWV 600 VOLT COPPER SINGLE CONDUCTORS, PLUS THE EQUIPMENT GROUNDING CONDUCTOR.
 - WIRING DEVICES: DEVICE MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTER OF OUTLET BOX UNLESS NOTED OTHERWISE ON PLANS. COORDINATE THE STANDARD MOUNTING HEIGHTS WITH MASONRY:
 - SWITCHES +44"
 - RECEPTACLES +20"
 - VOICE/DATE +20"
 - WIRING SHALL INCLUDE FINAL CONNECTION TO ALL EQUIPMENT IN CONFORMANCE WITH EQUIPMENT SUPPLIER WIRING DIAGRAMS.
 - CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE PANELBOARD IDENTIFICATION SCHEDULES FOR PANELBOARDS AFFECTED BY REMODEL.
 - NEW OVERCURRENT PROTECTIVE DEVICES INSTALLED IN EXISTING PANELBOARDS OR DISTRIBUTION BOARDS SHALL MATCH THE TYPE AND AIC RATING OF EXISTING OVERCURRENT PROTECTIVE DEVICES.
 - BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE IN SCHEDULES. WHERE 20A BRANCH CIRCUITS HAVE #8 AND LARGER WIRE SPECIFIED, #10 AWG WIRE SHALL BE USED FOR THE FINAL CONNECTION (15-FT MAXIMUM).
 - WHERE BRANCH CIRCUITS ARE GROUPED, SIZE CONDUIT AND DERATE CURRENT CARRYING CAPACITY PER NEC.
 - PROVIDE UL LISTED HANDLE TIES ON ALL MULTIWIRE BRANCH CIRCUITS PER NEC REQUIREMENTS.
 - SUPPORTS FROM STRUCTURE: NO ATTACHMENT OF ANY TYPE SHALL BE MADE TO BRIDGING OR JOIST WEB MEMBERS. UTILIZE ONLY THE TOP AND BOTTOM CHORDS FOR SUPPORTING THE ELECTRICAL SYSTEM INSTALLATIONS.
 - DEVICES SHOWN ON COOLER/FREEZER PANELS SHALL BE SURFACE MOUNTED UNLESS NOTED OTHERWISE. SEAL DEVICES TO COOLER/FREEZER PANELS WITH SILICONE SEALANT.
 - SURFACE MOUNTED CONDUIT ON COOLER/FREEZER PANELS OR IN FOOD PREP AREAS SHALL BE INSTALLED WITH GALVANIZED 1/2" STANDOFF CONDUIT HANGERS TO ALLOW FOR CLEANING.
 - ONLY FEEDER CIRCUITS NOTED ON THE ONE LINE DIAGRAM AND BRANCH CIRCUITS NOTED BY LEGEND SHALL BE INSTALLED UNDER SLAB. PROVIDE EXTERIOR COATED GRC BENDS ON ALL CONDUIT RUNS THAT HAVE 45 DEGREE BENDS OR GREATER. REFER TO SPECIFICATION SECTION 16.100 FOR UNDER SLAB.
 - SEISMIC ZONE REQUIREMENTS: PROVIDE EXPANSION COUPLINGS AND BRACING FOR ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL CODES.
 - EXISTING ELECTRICAL AND ALARM:
 - WHERE DEMOLITION OR NEW CONSTRUCTION INTERRUPTS EXISTING ELECTRICAL CIRCUITS FEEDING EXISTING EQUIPMENT, DEVICES, OR LIGHTING TO REMAIN, BUT NOT SHOWN ON DRAWINGS, PROVIDE LABOR AND MATERIALS TO REWORK CIRCUITRY, AS REQUIRED, TO MAINTAIN EXISTING OPERATION.
 - IF DEMOLITION OR NEW CONSTRUCTION WILL DISRUPT EXISTING UNDERGROUND SERVICES (ELECTRICAL, TELEPHONE, PARKING LOT LIGHTING CIRCUITRY, ETC.) PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO REROUT, SLEEVE, OR OTHERWISE REWORK THESE SERVICES TO MAINTAIN THEIR EXISTING OPERATION.
 - EXERCISE CAUTION AROUND ALARM AND SECURITY CABLES DURING DEMOLITION AND CONSTRUCTION. PROTECT ALARM AND SECURITY CABLES FROM ACCIDENTAL DAMAGE SO THAT SYSTEMS REMAIN OPERATIONAL AT ALL TIMES.
 - DISPOSE OF ALL REMOVED MATERIALS, UNLESS OTHERWISE NOTED.
 - EXISTING ELECTRICAL DEMOLITION:
 - GENERAL: REMOVE OR RELOCATE EXISTING ELECTRICAL EQUIPMENT, CONDUIT AND CONDUCTORS AS INDICATED ON THE DRAWINGS, OR ONLY AS REQUIRED BY DEMOLITION. REMOVE ALL PANELBOARDS, DISCONNECT SWITCHES, BOXES, RELAYS, TIME SWITCHES, LIGHTS, DEVICES, ETC., WHICH WILL NOT BE REUSED.
 - SALES FLOOR: REMOVE UNUSED POWER DROP CONDUIT, CONDUCTORS AND RELATED DEVICES SERVING SALES AREA GONDOLAS BEING RELOCATED OR REMOVED. EXISTING CONDUIT AND CONDUCTORS MAY BE REUSED FOR NEW POWER DROPS WHERE SIZE, RATING, AND CONDITION MEET REQUIREMENTS INDICATED ON PLANS AND ALL U.L. RATINGS. REMOVE ALL UNUSED CONDUIT AND CONDUCTORS BACK TO POINT OF ORIGIN WHENEVER FEASIBLE AND RELABEL DEMOLISHED CIRCUITS AS "SPACE". REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. UPDATE TYPED CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE".
 - CONDUIT AND WIRING TO BE ABANDONED IN CEILING SPACES AND OTHER NON-PUBLIC AREAS (I.E., THROUGH STOCKROOM AREA): CUT WIRING LOOSE AND REMOVE FROM RACEWAY(S), LEAVING RACEWAY(S) IN PLACE. CONDUIT TO BE ABANDONED IN WALLS OR FLOORS SHALL BE REMOVED BACK TO FINISHED SURFACE AND CAPPED INSIDE. REPAIR SURFACE(S) TO MATCH ADJACENT.
 - ALL CIRCUIT BREAKERS SERVING BRANCH CIRCUITS TO BE REMOVED SHALL ALSO BE REMOVED. REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. UPDATE TYPED CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE".
 - DEMOLISHED FLUORESCENT LIGHT FIXTURES: REFER TO SELECTIVE SITE DEMOLITION SPECIFICATION FOR DISPOSAL OF LIGHT FIXTURE.
 - BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
 - DATA AND PHONE CONDUIT INSTALLATION MILESTONE DATE: ALL RACEWAY AND CONDUIT SLEEVES FOR DATA AND PHONE CABLING TO BE INSTALLED 3 WEEKS PRIOR TO CONTRACT SUBSTANTIAL COMPLETION DATE.
 - ETHERNET CABLE:
 - FURNISH AND INSTALL JUNCTION BOXES AS SHOWN ON PLANS. PROVIDE CONDUIT AS REQUIRED BY LOCAL CODES AND/OR ORDINANCES.
 - ETHERNET CABLE IS FURNISHED BY OTHERS.
 - ELECTRICAL CONTRACTOR SHALL INSTALL CABLE IN POWER POLES.
 - ELECTRICAL CONTRACTOR SHALL INSTALL OTHER CABLE AS DIRECTED BY WALMART CONSTRUCTION MANAGER.

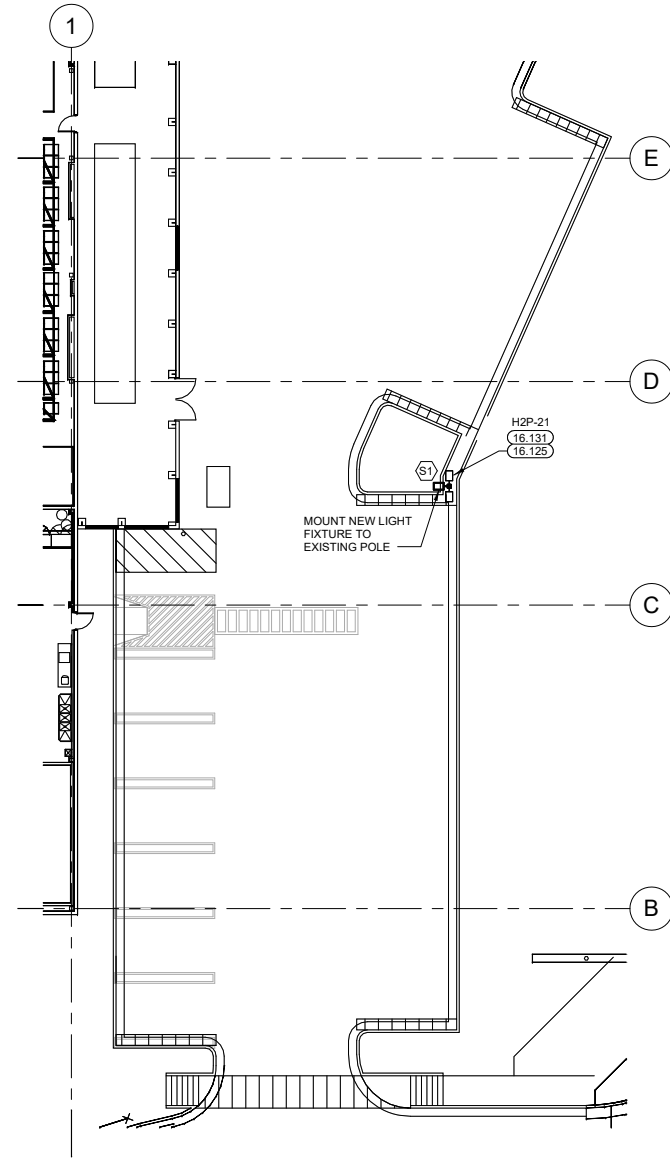
ELECTRICAL SYMBOLS LEGEND

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

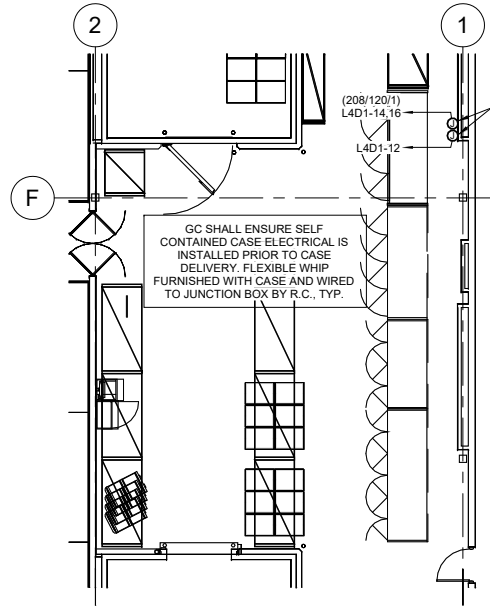
SYMBOL	DESCRIPTION
	LIGHT FIXTURE (WALL MOUNTED/CEILING MOUNTED)
	LIGHT FIXTURE
	LIGHT FIXTURE, NIGHT LIGHT
	VOLUMETRIC LIGHT FIXTURE
	TRACK LIGHTING
	EXIT FIXTURE (WALL MOUNTED/CEILING MOUNTED)
	EMERGENCY LIGHT (WALL MOUNTED/CEILING MOUNTED)
	EMERGENCY LIGHT REMOTE HEADS (WALL MOUNTED/CEILING MOUNTED)
	SINGLE POLE SWITCH
	3-WAY SWITCH
	4-WAY SWITCH
	KEYED SWITCH
	DIMMER SWITCH
	VARIABLE SPEED SWITCH
	MANUAL MOTOR SWITCH
	SINGLE POLE OCCUPANCY SENSOR SWITCH
	DOUBLE POLE OCCUPANCY SENSOR SWITCH
	CEILING MOUNTED OCCUPANCY SENSOR SWITCH
	RECEPTACLE, DUPLEX
	RECEPTACLE, DUPLEX, MOUNTED HORIZONTALLY
	RECEPTACLE, GFI
	RECEPTACLE, DUPLEX FLUSH FLOOR
	RECEPTACLE, DUPLEX ISOLATED GROUND FLUSH FLOOR
	RECEPTACLE, DOUBLE DUPLEX
	RECEPTACLE, DUPLEX ISOLATED GROUND
	RECEPTACLE, DOUBLE DUPLEX, ISOLATED GROUND
	RECEPTACLE, SIMPLEX TWIST LOCK, L5-15R, UNO
	RECEPTACLE, SIMPLEX TWIST LOCK, ISOLATED GROUND, L5-15R, UNO
	RECEPTACLE, DUPLEX TWIST LOCK, L5-15R, UNO
	RECEPTACLE, DUPLEX TWIST LOCK, ISOLATED GROUND, L5-15R, UNO
	RECEPTACLE, SPECIAL
	RECEPTACLE, SIMPLEX
	RECEPTACLE, PLUG-MOLD
	JUNCTION BOX (WALL MOUNTED/CEILING MOUNTED)
	THERMOSTAT (WALL MOUNTED/CEILING MOUNTED)
	ALARM JUNCTION BOX (WALL MOUNTED/CEILING MOUNTED)
	ALARM JUNCTION BOX, FOR REMOTE TEST/RESET (WALL MOUNTED/CEILING MOUNTED)
	SMOKE DETECTOR
	NON-FUSED DISCONNECT
	FUSED DISCONNECT
	EQUIPMENT CONNECTION POINT (PROVIDED WITH EQUIPMENT)
	CIRCUIT, CONCEALED IN WALLS OR CEILING, E INDICATES EXISTING WIRING
	CIRCUIT, CONCEALED IN SLAB FLOOR, E INDICATES EXISTING WIRING
	CIRCUIT, EXPOSED, E INDICATES EXISTING WIRING
	MANUFACTURED WIRING SYSTEM
	CONDUIT SLEEVE
	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
	TELEPHONE / DATA BOX FOR ISD
	LOW VOLTAGE CABLE BOX FOR OTHER
	TELEPHONE, FLUSH FLOOR
	MOTOR
	TELEPOWER POLE
	PUSH BUTTON
	BUZZER
	SAIL SWITCH JUNCTION BOX
	HORN / STROBE
	DOOR HOLD OPEN
	TIME CLOCK

ABBREVIATIONS

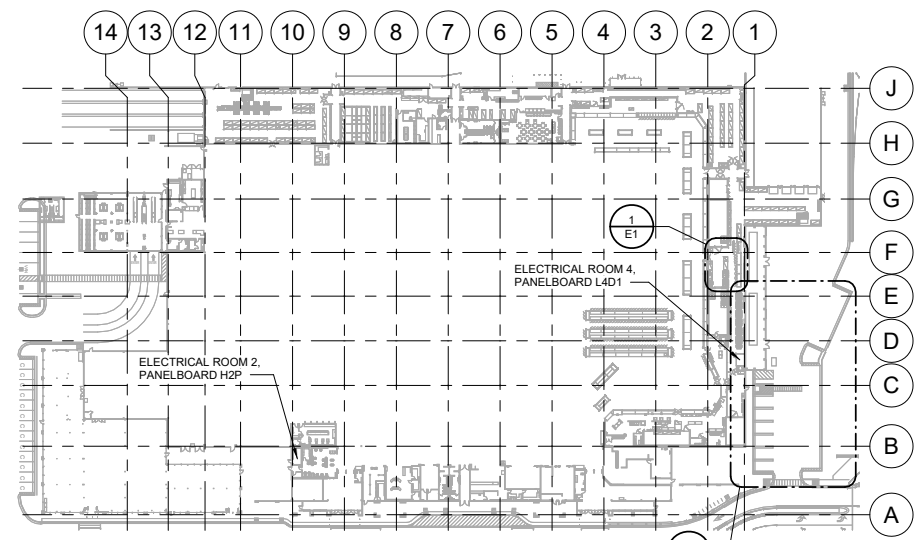
a, b, c	LOWER CASE LETTERS INDICATE SWITCHING CONFIGURATION	NL	NIGHT LIGHT
AFF	ABOVE FINISHED FLOOR	NTS	NOT TO SCALE
AFG	ABOVE FINISHED GRADE	REC	REFRIGERATION
c	CONDUIT	RC	REFRIGERATION CONTRACTOR
CCT	CIRCUIT	RH	RADIANT HEATER
CF	CEILING FAN	SC	SECURITY CAMERA
CW	CASH WRAP	TR	TAMPER RESISTANT
EC	ELECTRICAL CONTRACTOR	TYP	TYPICAL
EF	EXHAUST FAN	UH	UNIT HEATER
ETR	EXISTING TO REMAIN	UNO	UNLESS NOTED OTHERWISE
EWC	ELECTRIC WATER COOLER	WH	WATER HEATER
G	GROUND	WP	WEATHER PROOF
GFEP	GROUND FAULT EQUIPMENT PROTECTION	WR	WEATHER RESISTANT
GFI	GROUND FAULT CIRCUIT INTERRUPTER		
IG	ISOLATED GROUND		
LCU	LIGHTING CONTROL UNIT		



2 OGP EXTERIOR LIGHTING PLAN
1/16" = 1'-0"



1 OGP POWER PLAN
1/8" = 1'-0"



KEY PLAN
1" = 80'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

GENERAL POWER NOTES

- 07.26.19
- PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND WIRING FROM DISCONNECT SWITCH OR JUNCTION BOX TO EQUIPMENT KNOCKOUT OR ELECTRICAL CONNECTION POINT.
 - WHERE EQUIPMENT NAMEPLATE PROTECTIVE DEVICE RATING DIFFERS FROM SIZE PROVIDED, NOTIFY WALMART CONSTRUCTION MANAGER IMMEDIATELY TO COORDINATE RESOLUTION.
 - UPON COMPLETION OF ELECTRICAL INSTALLATION AND PRIOR TO ENERGIZING CIRCUIT:
 - INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE.
 - PERFORM CONTINUITY TEST.
 - VERIFY PROPER PHASING CONNECTION TO ALL THREE PHASE MOTOR LOADS.

POWER INTERRUPTION NOTE

11.30.18

COORDINATE ALL WORK THAT REQUIRES POWER INTERRUPTIONS TO THE STORE WITH THE STORE MANAGER AND THE WALMART CONSTRUCTION MANAGER A MINIMUM OF 48 HOURS IN ADVANCE OF ALL STORE POWER INTERRUPTIONS. IN ADDITION, IF THE MAIN ELECTRICAL SWITCHGEAR REQUIRES WORK AND DOES NOT HAVE A MAIN SERVICE DISCONNECTING MEANS, COORDINATE WITH THE UTILITY COMPANY A MINIMUM OF TWO WEEKS IN ADVANCE OF THE STORE POWER INTERRUPTION. IF STORE IS NOT OPEN 24 HOURS PER DAY, ALL STORE POWER INTERRUPTIONS ARE TO BE ACCOMPLISHED AFTER NORMAL STORE BUSINESS HOURS. PROVIDE TEMPORARY POWER AS REQUIRED PER SPECIFICATIONS. INSTALLATION OF NEW EQUIPMENT SHALL BE COMPLETED AND THE POWER SYSTEM TESTED AND RE-ENERGIZED PRIOR TO THE TIME ESTABLISHED BY THE STORE MANAGER AND THE WALMART CONSTRUCTION MANAGER.

SOURCE OF SUPPLY NOTE

CONTRACTOR TO VERIFY THE FEEDER ORIGIN POINT SOURCE OF POWER FOR ALL DISTRIBUTION BOARDS, PANELBOARDS, AND BUSWAY AFFECTED BY THE REMODEL SCOPE OF WORK. PROVIDE A LAMINATED PLASTIC NAMEPLATE PER SPECIFICATIONS INDICATING THIS INFORMATION.

EXAMPLES:
H1A FED FROM MSWB
L1D FED FROM H1B VIA T1D

KEYNOTES

- 16.125 EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.
- 16.131 CONNECT TO EXISTING CIRCUIT.

brr
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JOB NUMBER: 208662145 04/24/2020

ISSUE BLOCK

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DRAWN BY: ZJD
PROTO: 04/24/2020
DOCUMENT DATE: 05/15/20

NOT FOR CONSTRUCTION

ELECTRICAL PLAN

SHEET: **E1**



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ELECTRICAL SCHEDULES

SHEET: E1.1

PANELBOARD NOTES ()

07.26.19

- TERMINATE GROUND ON ISOLATED GROUND BUS.
- INSTALL LOCKING DEVICE (LOCK-OFF FOR MAINTENANCE). LOCKING DEVICE SHALL BE UL LISTED. MANUFACTURER SHALL MATCH EXISTING PANELBOARD MANUFACTURER.
- INSTALL LOCKING DEVICE (LOCK-ON FOR CRITICAL LOAD).
- GFI BREAKER FOR PERSONNEL PROTECTION (5MA).
- GFI BREAKER FOR EQUIPMENT PROTECTION (30MA).
- CONDUCTOR SIZE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUNDING CONDUCTOR PROPORTIONATELY PER NEC.
- REFER TO ONE-LINE DIAGRAM FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
- REFER TO ONE-LINE DIAGRAMS FOR WIRE SIZES.
- FACTORY WIRED TO LOAD.
- BREAKER SHALL BE HIGH MAGNETIC TYPE.
- FIELD VERIFY BREAKER IS NOT CONNECTED TO ANY LOAD. REMOVE CIRCUIT BREAKER AND REPLACE WITH BLANK COVER. UPDATE TYPED WRITTEN CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE". IF AN EXISTING LOAD IS CONNECTED, REFER TO PANELBOARD NOTE (2).
- DUAL TAP SOLENOID OPERATED BREAKER. CONNECT EMERGENCY/NIGHT LIGHTING TO UNSWITCHED TERMINATION.
- EXISTING CIRCUIT.
- ROUTE CIRCUIT THROUGH CONTACTOR.
- PROVIDE INTERLOCK WIRING WITH EXHAUST HOOD ANSUL SYSTEM.
- RELOCATED CIRCUIT FROM EXISTING PANELBOARD.
- PROVIDE BLANK CIRCUIT BREAKER FILLER PLATE FOR EXPOSED SPACE IN PANELBOARD.
- PROVIDE U.L. LISTED OVERCURRENT DEVICE TO COORDINATE AND MAINTAIN MANUFACTURER'S SERIES RATED SYSTEM.
- EXISTING CIRCUIT BREAKER TO REMAIN. VERIFY CONDITION OF CIRCUIT BREAKER TO ENSURE THAT IT IS OPERATIONAL AND MEETS ALL U.L. RATINGS.
- ROUTE CIRCUIT THROUGH EXISTING LCU CABINET UTILIZING EXISTING RELAY AND CONTROLS. UPDATE LCU IDENTIFICATION SCHEDULE WITH LOAD IDENTIFICATION.
- SOLENOID OPERATED CIRCUIT BREAKER. REFER TO ENERGY MANAGEMENT PLANS FOR CIRCUIT BREAKER CONTROL.
- TRACE EXISTING CIRCUIT. IDENTIFY LOAD AND PROVIDE COMPLETE TYPED WRITTEN PANELBOARD IDENTIFICATION SCHEDULE AND PLACE ON INTERIOR OF PANELBOARD DOOR. IF CIRCUIT IS A "SPARE", REFER TO PANELBOARD NOTE (11).

GENERAL NOTES:

- E.C. SHALL ADD OR REARRANGE CIRCUIT BREAKERS WITHIN PANELBOARDS AS REQUIRED TO MATCH NEW CIRCUIT DESIGNATIONS SHOWN ON DRAWINGS.
- NEW OVERCURRENT PROTECTIVE DEVICES PLACE IN EXISTING PANELBOARDS OR DISTRIBUTION BOARDS SHALL MATCH THE TYPE AND A/RATING OF EXISTING OVERCURRENT PROTECTION DEVICES IN SAID BOARD.
- E.C. SHALL TRACE ALL ELECTRICAL CIRCUITS FOR ALL EXISTING ELECTRICAL PANELBOARDS AFFECTED BY THE REMODEL AND IDENTIFY LOADS ON EACH CIRCUIT. PROVIDE A COMPLETE TYPED WRITTEN PANELBOARD IDENTIFICATION SCHEDULE FOR ALL AFFECTED PANELBOARDS.
- ALL OVERCURRENT DEVICES ARE NEW UNLESS NOTED OTHERWISE.

SITE LIGHT FIXTURE SCHEUDLE									
TYPE	SUPPLIED BY	DESCRIPTION	VENDOR/MFR	MODEL	VOLTAGE	INPUT VA	LIGHT SOURCE	MOUNTING	COUNT
S1	OW	LED POLE LIGHT	GE LIGHTING	EALP03SL3AW750NDD1BLCKF	277	263	INTEGRAL LED	POLE	1

SITE LIGHTING CONTACT:
WALMART_OUTDOOR@GE.COM
JAMES.WASKO@GE.COM

PANELBOARD: H2P (EXISTING)

BUS AMPS: 250A
MAIN SIZE/TYPE: 200A MCB
VOLTS/PHASE: 480Y/277V, 3PH, 4W

SERVES: LIGHTING
MOUNTING: SURFACE
LOCATION: ELECTRICAL ROOM 2

CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.		
		A	B	C						A	B	C				
1	PARKING LOT SEC LTG (13)	4,860			30	2	1	20		3,870			GARDEN CENTER LIGHTS (13)	2		
3		4,860	4,860			1	20			1,900			CANOPY LTG (13)	4		
5	PARKING LOT LIGHTS (13)			3,780	20	2	1	20				790	SHADE CLOTH LTG (13)	6		
7		3,780				1	20			3,530			PERIMETER LIGHTING (13)	8		
9	PARKING LOT LIGHTS (13)		3,240		20	2	1	20			3,530		PERIMETER LIGHTING (13)	10		
11				3,240		1	20				3,530		PERIMETER LIGHTING (13)	12		
13	PARKING LOT LIGHTS (13)	4,320			30	2	1	20		1,370			HAIR CARE LIGHTING (13)	14		
15		4,320	4,320			1	20			2,820			VESTIBULE LIGHTING (13)	16		
17	PARKING LOT LIGHTS (13)			4,320	30	2	1	20			1,740		VISION CENTER LTG (13)	18		
19		4,320				1	20			1,480			PHARMACY LIGHTING (13)	20		
21	PARKING LOT LIGHTS (19)		4,583		30	2	1	20			2,900		TENANT WALL LIGHTING (13)	22		
23				4,320		1	20				3,650		COURT DESK LTG (13)	24		
25	WALMART SIGN (13)	1,080			20	2	1	20			250		FLAG POLE LIGHT (13)	26		
27			1,080			1	20			1,340			TENANT SPACE LTG (13)	28		
29	WALMART SIGN (13)			1,080	30	2	1	20				670	FUTURE TENANT LTG (13)	30		
31		1,080				1	20			1,600			FRONT CANOPY LIGHTS (13)	32		
33	CANOPY LTG (13)		1,260		20	1	1						SPACE (11)	34		
35	DELIBAKERY LTG (13)			3,103	20	2	1	20				535	SEASONAL GC EMER LTS (13)	36		
37		275				1	20						FUTURE TENANT LTG (13)	38		
39	SPACE					1	1						SPACE (11)	40		
41	SPACE					1	1						SPACE	42		
SUBTOTAL		19,715	19,343	19,843					12,100	12,490	10,915		SUBTOTAL			
TOTAL PHASE A - VA		31,815	LOAD			CONN. VA			DF	LOAD			CONN. VA			DF
AMPS		115	COOLING						1.00	REFRIG			1.00			
TOTAL PHASE B - VA		31,833	HEATING						0	SIGN/DISP			1.25			
AMPS		115	LIGHTING			263			1.25	KITCHEN			1.00			
TOTAL PHASE C - VA		30,758	RECEPTACLES			1.0/5			1.00	EXISTING			94,143			1.00
AMPS		111	MOTORS			1.00			1.00	LRG MOTOR			1.25			TOTAL DEMAND
TOTAL PNLBD - VA		94,496	SUPP HEAT			1.00			1.00	SHOW WNDW			1.25			94,472 VA
AMPS		114	MISC EQUIP			1.00			1.00	LTG TRACK			1.00			114 A

PANELBOARD NOTES

PANELBOARD: L4D1 (EXISTING)

BUS AMPS: 100A
MAIN SIZE/TYPE: 100A MCB
VOLTS/PHASE: 208Y/120V, 3PH, 4W

SERVES: GROCERY
MOUNTING: SURFACE
LOCATION: ELECTRICAL ROOM 4

CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.		
		A	B	C						A	B	C				
1	R/O WATER FILTRATION (13)	360			20	1	1	20		500			GREASE TANK (13)	2		
3	R/O WATER FILTRATION (13)		360		20	1	1	20		1,000			LIFT CHARGER (13)	4		
5	EXISTING LOAD (13.22)			500	20	1	1	20			500		YOGURT COOLER (13)	6		
7	S01 SCALEWRAPPER (13)	960			20	1	1	20		500			YOGURT COOLER (13)	8		
9	INSECT ONTRL BUZZER (13)		1,080		20	1	1						SPACE	10		
11	P04 SCALEWRAPPER (13)			1,500	20	1	1	20	8			1,761	FREEZER (2,6)	12		
13	LANDSCAPE RECEPTS (13)	540			20	1	2	20	10	1,400			FREEZER (2,6)	14		
15	32A CASH WRAP (13)		650		20	1					1,400		FREEZER (13)	16		
17	SPACE (11)					1	1	20				1,761	FREEZER (13)	18		
19	EXISTING LOAD (13.22)	500			20	1	2	20		1,400			FREEZER (13)	20		
21	EXISTING LOAD (13.22)		500		20	1				1,400			FREEZER (13)	22		
23	EXISTING LOAD (13.22)			500	20	1	1	20			1,625		COOLER (13)	24		
25	EXISTING LOAD (13.22)				20	1	1	20		944			COOLER (13)	26		
27	EXISTING LOAD (13.22)		500		20	1	2	20			510		COOLER (13)	28		
29	EXISTING LOAD (13.22)			500	20	1					510		COOLER (13)	30		
SUBTOTAL		2,860	3,090	3,000					4,744	4,310	6,157		SUBTOTAL			
TOTAL PHASE A - VA		7,604	LOAD			CONN. VA			DF	LOAD			CONN. VA			DF
AMPS		63	COOLING						1.00	REFRIG			4,561			1.00
TOTAL PHASE B - VA		7,400	HEATING						0	SIGN/DISP			1.25			
AMPS		62	LIGHTING			1.25			1.00	KITCHEN			1.00			
TOTAL PHASE C - VA		9,157	RECEPTACLES			1.0/5			1.00	EXISTING			15,680			1.00
AMPS		76	MOTORS			1.00			1.00	LRG MOTOR			1.25			TOTAL DEMAND
TOTAL PNLBD - VA		24,161	SUPP HEAT			1.00			1.00	SHOW WNDW			1.25			20,241 VA
AMPS		67	MISC EQUIP			1.00			1.00	LTG TRACK			1.00			56 A

PANELBOARD NOTES

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTO-E (Created 11/19)
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 This document is used to demonstrate compliance with requirements in §110.8, §130.0, §130.2, §140.7, and §141.0(b)(1) for outdoor lighting scopes using the prescriptive path.
 Project Name: Walmart #1645 Report Page: Page 1 of 6
 Project Address: 250 S 12th Ave Date Prepared: 05/15/20

A. GENERAL INFORMATION

01 Project Location (city) Hanford 04 Total Illuminated Hardscape Area (ft²) 7,692
 02 Climate Zone 13
 03 Outdoor Lighting Zone per Title 24, Part 1 §10-114 or as designated by Authority Having Jurisdiction (AHJ):
 L2-0: Very Low - Undeveloped Parkland L2-2: Moderate - Rural Areas L2-4: High - Must be reviewed by CA Energy Commission for Approval
 L2-1: Low - Developed Parkland L2-3: Moderately High - Urban Areas

B. PROJECT SCOPE

Table Instructions: Include any outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)(1) for alterations.
 My project consists of:
 New Lighting System Must Comply with Allowances from §140.7
 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No
 03 % of Existing Luminaires Being Altered 04 Sum Total of Luminaires Being Added or Altered 05 Calculation Method
 Please proceed to Table F, Outdoor Lighting Fixture Schedule to define the project's luminaires.
 FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Existing Luminaires within the Scope of the Permit Application) x 100

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.
 Table 140.7-3: Calculation of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)(1)
 01 General Hardscape Allowance §140.7(d)(1) (See Table I) 02 Per Application (See Table J) 03 Sales Frontage §140.7(d)(2) (See Table K) 04 Ornamental §140.7(d)(2) (See Table L) 05 Per Specific Area §140.7(d)(2) OR Existing Power §141.0(b)(2) (See Table M) 06 Total Allowed (Watts) ≥ 07 Total Actual (Watts) (See Table F) 08 Compliance Results 09 07 Must be ≥ 08
 230.76 + + = + 1,087 OR = 1,317.76 ≥ 1,087 COMPLIES
 Cutoff Compliance (See Table G for Details) Not Applicable
 Controls Compliance (See Table H for Details) COMPLIES

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTO-E (Created 11/19)
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 Project Name: Walmart #1645 Report Page: Page 4 of 6
 Project Address: 250 S 12th Ave Date Prepared: 05/15/20

J. LIGHTING ALLOWANCE: PER APPLICATION
 This Section Does Not Apply

K. LIGHTING ALLOWANCE: SALES FRONTAGE
 This Section Does Not Apply

L. LIGHTING ALLOWANCE: ORNAMENTAL
 This Section Does Not Apply

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

Table Instructions: Please complete this table for areas using the wattage allowance per specific area type from Table 140.7-3. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01 Area Description	02 Specific Area Type per Table 140.7-3	03 CALCULATED ALLOWANCE (Watts)			04 DESIGN WATTS			09 Additional Allowance (Watts)
		03 Specific Area (ft ²)	04 Allowed Density (W/ft ²)	05 Extra Allowance (Watts)	06 Luminaire Name or Item Tag	07 Watts per Luminaire ²	08 # of Luminaires ²	
OGP	Outdoor Sales Lot	7,692	0.28	2,153.76	S1	263	1	263
					ETR	412	2	824
					Total Design Watts for this Area:			1,087
					Total Allowance (Watts) All Areas:			1,087

Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTO-E (Created 11/19)
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 Project Name: Walmart #1645 Report Page: Page 2 of 6
 Project Address: 250 S 12th Ave Date Prepared: 05/15/20

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
 No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: For new or altered lighting systems demonstrating compliance with §140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)(1) (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scope (ie, do not include existing luminaires remaining or existing luminaires being moved).
 Designated Wattage:
 01 02 03 04 05 06 07 08 09 10

Name or Item Tag	Complete Luminaire Description	Watts per luminaire ^{1,2}	How Wattage is determined	Total number luminaires ³	Luminaire Status ³	Excluded per §140.7(a)	Design Watts	Cutoff Req. ≥ 6,200 initial lumen output §130.2(b) ⁴	Field Inspector
S1	LED Pole Light <input type="checkbox"/> Linear	263	NAB Default	1	New		263	NA: <6,200 lumens	Pass
ETR	ETR Pole light <input type="checkbox"/> Linear	412	NAB Default	2	Exist. Remain		824		Pass
Total Design Watts:								1,087	

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
 * Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b).
 FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c)
¹ Select "New" for new luminaires in a new outdoor lighting project or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstated" for existing luminaires which are being removed and reinstalled as part of the project scope
² Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output ≥ 6,200 unless exempted by §130.2(b).
 Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTO-E (Created 11/19)
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 Project Name: Walmart #1645 Report Page: Page 5 of 6
 Project Address: 250 S 12th Ave Date Prepared: 05/15/20

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
 This Section Does Not Apply

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E, Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_documents/NRCC/

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTO-01-E - Must be submitted for all buildings.	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTO-02-E - Must be submitted for a lighting control system; or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/>	<input type="checkbox"/>

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E, Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/otatp/providers.html>

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls area added to ≤ 20 luminaires.	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTO-E (Created 11/19)
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 Project Name: Walmart #1645 Report Page: Page 3 of 6
 Project Address: 250 S 12th Ave Date Prepared: 05/15/20

G. CUTOFF REQUIREMENTS (BUG)
 This Section Does Not Apply

H. OUTDOOR LIGHTING CONTROLS

Table Instructions: Complete this table demonstrating compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
 When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank. For each requirement in columns 02 through 04, do not leave the field blank, instead select NA or Exempt* from the dropdown list to indicate not applicable or an exemption.

Mandatory Controls	01				
	02	03	04	05	
Area Description	Shut-Off §130.2(c)(1)	Auto-Schedule §130.2(c)(2)	Motion Sensor §130.2(c)(3)	Field Inspector	
Existing BAS Controls	Photocell	Yes - EMCS	Yes	Pass	Fail

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
 EX: Not permitted by health & safety to be turned off; EXCEPTION 1 to §130.2(c).
 Table Continued

I. LIGHTING POWER ALLOWANCE (per §140.7)

Table Instructions: Please complete this table for areas using the allowance calculations per §140.7. General Hardscape Allowance is per Table 140.7-3 while "Use it or lose it" Allowances are per Table 140.7-3. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.

Area Description	03 Surface Type	01 "Use it or lose it" Allowances (select all that apply)						09 Total General AWA + LWA (Watts)
		04 General Hardscape Allowance	05 Per Application	06 Sales Frontage	07 Ornamental	08 Per Specific Area		
OGP	Concrete	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	230.76	

Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTO-E (Created 11/19)
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 Project Name: Walmart #1645 Report Page: Page 6 of 6
 Project Address: 250 S 12th Ave Date Prepared: 05/15/20

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete
 Documentation Author Name: Zachary Dalrymple Documentation Author Signature: *Zach Dalrymple*
 Company: Henderson Engineers Signature Date: 05/14/20
 Address: 8345 Lenexa Dr Suite 300 CEA/HERS Certification Identification (if applicable):
 City/State/Zip: Lenexa, KS 66214 Phone: (913)742-5000

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Harvey Ward Responsible Designer Signature:
 Company: Henderson Engineers Date Signed: 23912
 Address: 8345 Lenexa Dr Suite 300 license: 23912
 City/State/Zip: Lenexa, KS 66214 Phone: (913)742-5000

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

brr
 ARCHITECT OF RECORD:
 MAREAH B MEYER
 8121 METCALF AVENUE
 SUITE 300
 OVERLAND PARK, KS 66204
 www.brrarch.com
 TEL: 913-262-9995
 FAX: 913-262-9944

STIPULATION FOR REUSE
 THIS DRAWING WAS PREPARED FOR THE PROJECT AND SITE AT: HANFORD, CA. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF RECORD IS PROHIBITED. THE ARCHITECT OF RECORD ASSUMES NO LIABILITY FOR REPRODUCTION OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF RECORD.

CONSULTANTS
HENDERSON ENGINEERS
 8345 LENEXA DRIVE SUITE 300
 LENEXA, KS 66214
 TEL: 913-742-5000 FAX: 913-742-5001
 WWW.HENDERSONENGINEERS.COM
 208892145

Walmart
HANFORD, CA
250 S 12TH AVE
STORE NO: 1645-255
 JOB NUMBER: 208892145 04/24/2020

ISSUE BLOCK

CHECKED BY: BC
 DRAWN BY: ZJD
 PROTO: 04/24/2020
 DOCUMENT DATE: 05/15/20

NOT FOR CONSTRUCTION

TITLE-24 LIGHTING COMPLIANCE

SHEET: E1.2

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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 AUTHORIZED SIGNATURE OF THE
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CONSULTANTS
HENDERSON
 ENGINEERS
 8045 LEADERSHIP SUITE 300
 250 S 12TH AVE
 HANFORD, CA 93230
 TEL 913-742-5000 FAX 913-742-5001
 WWW.HENDERSONENGINEERS.COM
 2088921645

Walmart
 HANFORD, CA
 250 S 12TH AVE
 STORE NO: 1645-255
 JOB NUMBER: 208892145 04/24/2020

ISSUE BLOCK

CHECKED BY:
 DRAWN BY:
 PROTO: 04/24/2020
 DOCUMENT DATE: 05/15/2020

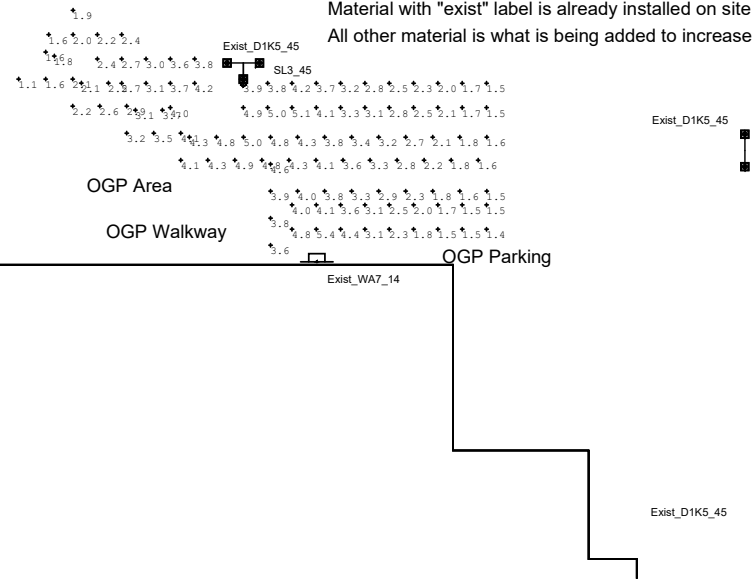
NOTE: THIS SHEET FOR
 INFORMATION ONLY

OGP
 PHOTOMETRY
 PLAN

SHEET: E2

Notes:

This is a remodel request for the OGP area on a site that has already been retrofitted to LED fixtures in 2015
 Material with "exist" label is already installed on site and is included here as light contribution only
 All other material is what is being added to increase the lighting in the OGP Pick up area per request



LED STATISTICS SHOWN ARE AT 50000 HOURS L89 & L96 RATING (~12 YEARS @ 12 HRS/DAY)

L85 = OPERATING HOURS AT WHICH AN AVERAGE OF 15% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 85% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

L89 = OPERATING HOURS AT WHICH AN AVERAGE OF 11% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 89% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

L96 = OPERATING HOURS AT WHICH AN AVERAGE OF 4% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 96% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

IN COMPARISON, NON-LED LUMINAIRES ARE RATED WITH MEAN LUMENS MEASURED AT 40-50% OF RATED LIFE, DEPENDING ON TECHNOLOGY, AND RATED LIFE OF B50, WHERE B50 = OPERATING HOURS AT WHICH 50% OF A TESTED POPULATION OF LAMPS HAVE FAILED.

PROPERTY LINES BASED OFF PROVIDED LIGHTING RETROFIT SURVEY AND GOOGLE EARTH PRO. CALCULATION AREAS TREATED AS OPEN AND EMPTY. NO TREES ARE CONSIDERED IN THE DESIGN. ACTUAL VALUES MAY VARY FROM CALCULATED VALUES SHOWN.

Calculation Summary Illuminance Foot-candles					
Label	Avg	Max	Min	Avg/Min	Max/Min
Horizontal Spill P	0.11	1.7	0.0	N.A.	N.A.
OGP Area	3.03	4.9	1.1	2.75	4.45
OGP Parking	2.93	5.4	1.4	2.09	3.86
OGP Walkway	3.18	5.0	1.5	2.12	3.33
Vert Spill Propert	0.16	2.4	0.0	N.A.	N.A.

ADDITIONAL MAT'L BOM									
Project: New Mat'l									
Symbol	Qty	Label	Arrangement	LLF	Description	Arr. Watts	Arr. Lum. Lumens	BUG Rating	[MANUFAC]
	1	SL3_45	SINGLE	0.864	1-EALP035L3AW750NDD1BLCKF 42ft pole 3ft base	263	35000	B4-U0-G3	GE LIGHTING

EXISTING MAT'L BOM									
Project: Existing Mat'l									
Symbol	Qty	Label	Arrangement	LLF	Description	Arr. Watts	Arr. Lum. Lumens	BUG Rating	[MANUFAC]
	3	Exist_D1K5_45	BACK-BACK	0.765	2-EASB5K5N7509BBLCKD2F 42ft pole on 3ft base	824	64000	B5-U0-G3	GE LIGHTING
	1	Exist_WA7_14	SINGLE	0.801	1-EWS30A7D1401BLCK mounted at 14ft	25	2900	B1-U0-G1	GE LIGHTING

SPECIAL INSPECTIONS REQUIRED
SPECIAL INSPECTION AS REQUIRED BY SECTION 1704 OF THE 2019 CALIFORNIA BUILDING CODE OR BY THE ENGINEER OF RECORD:
PERIODIC SPECIAL INSPECTIONS:
1. POST INSTALLED ANCHORS - MECHANICAL - USED FOR THE ANCHORAGE OF STORAGE RACK FIXTURES, PER SECTION 1705.3, TABLE 1705.3(4.b.) AND 1705.12.7 OF THE 2019 CALIFORNIA BUILDING CODE FOR EACH ANCHOR LISTED IN THE "ANCHOR BOLT DETAIL" ON SHEET FXS1.
NOTES:
1. SPECIAL INSPECTIONS NOTED ABOVE SHALL BE PROVIDED BY, BUT NOT LIMITED TO, THE OWNER'S CONSTRUCTION TESTING LABORATORY (CTL), REFERENCE SPECIFICATIONS FOR DETAILS.

DESIGN LOADS	
1. BUILDING CODE	2019 CBC
A. BUILDING CODE	2019 CBC
2. GRAVITY LOADS	
A. REFER TO MANUFACTURER'S RATED LOADS.	
3. LATERAL LOADS	
A. SEISMIC LOADS	
1. 5% DAMPED SPECTRAL RESPONSE COEFF (S _{ds})	0.606g
2. 1-SEC PERIOD SPECTRAL RESPONSE COEFF (S _{d1})	0.374g
3. SEISMIC DESIGN CATEGORY	D
4. SEISMIC SITE CLASS	D
5. NON-BUILDING STRUCTURAL SYSTEM AND SEISMIC RESISTING SYSTEM	STEEL STORAGE RACKS
6. RESPONSE MODIFICATION FACTOR (R)	4.0
7. OVERSTRENGTH FACTOR (Ω _p)	2.0
8. IMPORTANCE FACTOR (I _p)	
- STORAGE AREA	1.0 (NO PUBLIC ACCESS)
9. ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE
10. DESIGN BASE SHEAR (PER RMI 2.6.2)	
- STORAGE AREA RACKS	0.152W (NO PUBLIC ACCESS)

GENERAL NOTES	
1.0 GENERAL	
1.1 ALL FIXTURES SHALL BE DESIGNED TO MEET ALL BUILDING CODE REQUIREMENTS INCLUDING SECTION 2209.1 OF THE 2019 CBC.	
1.2 JOHNSTON BURKHOLDER ASSOCIATES HAS DESIGNED THE BASE ANCHORAGE FOR THE FIXTURES SHOWN ON THIS INSTALLATION DRAWING TO RESIST DESIGN SEISMIC LATERAL FORCES FOR THE BUILDING CODES NOTED IN THE "DESIGN LOADS" TABLE ON THIS SHEET. INSTALLATION OF THE FIXTURES SHALL MEET THE LAYOUT SHOWN ON THE FIXTURE LAYOUT PLAN, PROVIDED BY OWNER.	
2.0 SLAB AND FOUNDATION	
2.1 SLAB ON GRADE IS ASSUMED TO HAVE A MINIMUM OF 2,500 PSI COMPRESSIVE STRENGTH.	
2.2 THE SLAB ON GRADE IS ASSUMED TO BE A MINIMUM OF 4 INCHES THICK, UNREINFORCED AND PLACED OVER A MINIMUM OF 4 INCHES OF DRAINAGE FILL.	
2.3 THE SLAB ON GRADE IS DESIGNED TO BEAR ON A NET SOIL BEARING CAPACITY OF 500 PSF MINIMUM.	
3.0 MATERIAL FOR RACKS AND ANCHORAGE	
3.1 ALL ANCHORS TO THE SLAB SHALL BE AS NOTED ON THESE PLANS.	
3.2 OWNER IS TO PROVIDE MAINTENANCE PER RMI 1.4.1.	
3.3 FIXTURE INSTALLER SHALL OBTAIN OUT-OF-PLUMB INSTALLATION TOLERANCE FROM FIXTURE SUPPLIER PRIOR TO INSTALLATION PER RMI, SECTION 1.4.11.1.	
3.4 NO FIELD WELDING IS PERMITTED. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS, IN AN APPROVED SHOP. USE E70xx WELD RODS OR EQUAL TO TENSILE STRENGTH OF BASE METAL OF WELDMENTS. PER AWS D1.1 OR D1.3.	
3.5 PROVIDE 6" AT 120" TALL RACKS AND 4 1/2" AT RACKS LESS THAN 120" (OR EQUAL TO 5% OF THE UPRIGHT FRAME HEIGHT) MINIMUM CLEARANCE BETWEEN OTHER RACK FIXTURES OR ADJACENT BUILDING ELEMENTS PER ASCE 7-16, SECTION 15.5.3.8.	

ANCHORAGE BILL OF MATERIALS		
USAGE	MATERIAL TYPE	COUNT
ANCHOR	DEWALT SCREW BOLT+ - 1/2" DIAMETER x 3" (#PFM1411380)	6
NOTES:		
1. ANCHOR BOLTS AS NOTED ARE FURNISHED BY AND INSTALLED BY THE GENERAL CONTRACTOR (GC).		

brr
 ARCHITECT OF RECORD:
 MAJZAH B MEYER
 8131 METCALF AVENUE
 SUITE 300
 OVERLAND PARK, KS 66204
 www.brrarch.com
 TEL: 913-262-9095
 FAX: 913-262-9044

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 THIS DRAWING WAS PREPARED FOR THE PROJECT AND IS NOT TO BE REUSED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF JOHNSTON BURKHOLDER ASSOCIATES. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF JOHNSTON BURKHOLDER ASSOCIATES IS STRICTLY PROHIBITED. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF JOHNSTON BURKHOLDER ASSOCIATES IS STRICTLY PROHIBITED.

CONSULTANTS:
 JOHNSTON BURKHOLDER ASSOCIATES
 CONSULTING STRUCTURAL ENGINEERS
 98 CENTRAL KANSAS CITY, MO 64105
 816.421.2200 www.jbaonline.com

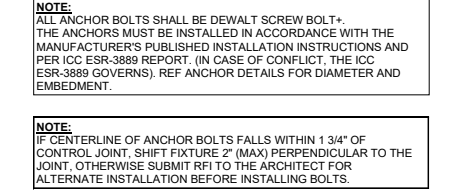
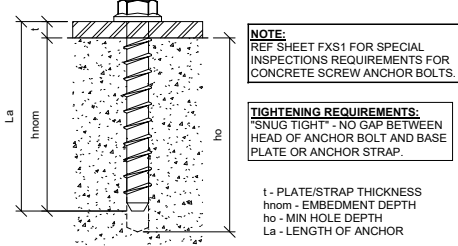
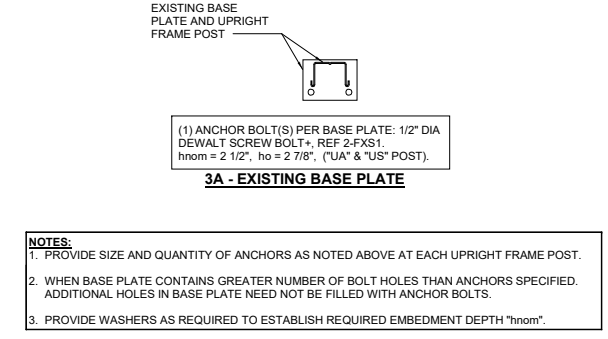
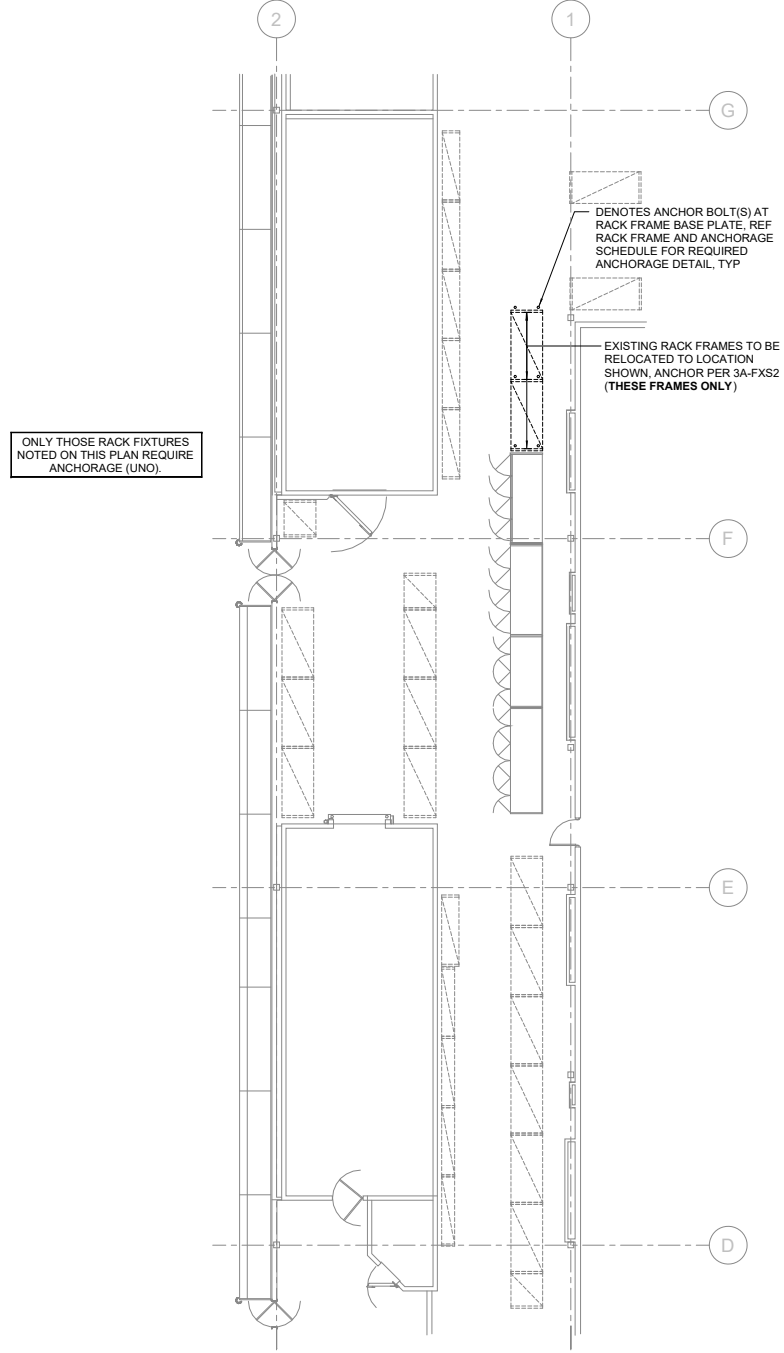
Walmart
 HANFORD, CA
 250 S 12TH AVE
 STORE NO. 1645-255
 JOB NUMBER: 98645486

ISSUE BLOCK	
CHECKED BY:	BBB
DRAWN BY:	SMK
PROTO:	04/24/20
DOCUMENT DATE:	05/15/20

NOT FOR CONSTRUCTION

FIXTURE ANCHORAGE PLAN, NOTES AND DETAILS

SHEET: FXS1



3 TYPICAL ANCHOR AT RACK FRAMES
 1 1/2" = 1'-0"

2 ANCHOR BOLT DETAIL
 NTS

1 FIXTURE ANCHORAGE PARTIAL PLAN
 1" = 10'-0"

SHEET NOTES

1. THE QUANTITIES (COUNT) OF ITEMS PURCHASED BY OWNER AS SCHEDULED ON THIS "OWNER SUPPLIED MATERIALS AND OWNER SUPPLIED ITEMS" SCHEDULES, MAY NOT ACCURATELY REPRESENT THE ACTUAL QUANTITY REQUIRED TO COMPLETE THE SCOPE OF WORK INCLUDED IN THE CONTRACT DOCUMENTS. ACTUAL QUANTITY (COUNT) OF OWNER SUPPLIED ITEMS SHALL BE DETERMINED THROUGH A THOROUGH REVIEW AND ACCOUNTING OF THE CONTRACT DRAWINGS.
2. REFERENCE APPENDIX A IN THE SPECIFICATIONS TO DETERMINE WHO IS RESPONSIBLE FOR THE INSTALLATION OF OWNER FURNISHED PRODUCTS.

OWNER SUPPLIED ITEMS

WDS NUMBER	COUNT	DESCRIPTION	MODEL	VENDOR	VENDOR NUMBER
HUSSMANN CORPORATION					
RD8022-145	1	REACH-IN	RFL	HUSSMANN CORPORATION	1000048208
NATIONAL CART CO INC					
PU1075	113	TOTE DOLLY	STEEL-PC WM	NATIONAL CART CO INC	1000041654
ORBIS					
PU1075	LOT	TOTE	CR2416-10, 3H (NPL-678)	ORBIS	TBD



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CONSULTANTS

Walmart
HANFORD, CA
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 STORE NO: 1645-255
 JOB NUMBER: 8665486

ISSUE BLOCK

CHECKED BY:
 DRAWN BY: CEL
 PROTO: 04/24/20
 DOCUMENT DATE: 05/15/20

NOT FOR CONSTRUCTION

OWNER SUPPLIED ITEMS (NOT FOR PERMIT)

SHEET: **OS1**