

GENERAL NOTES

- SCOPE OF WORK: THESE DRAWINGS INDICATE GENERAL SCOPE OF WORK AND DESIGN INTENT ONLY. THE CONTRACTOR SHALL REVIEW CONSTRUCTION CONDITIONS AND, PRIOR TO STARTING WORK, SHALL VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS, ALL SITE CONDITIONS, AND ALL REQUIREMENTS FOR THE PROJECT. VARIATIONS OR AMBIGUITIES BETWEEN THESE DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING AND SHALL BE RESOLVED AND DOCUMENTED BY THE CONTRACTOR IN WRITING PRIOR TO STARTING CONSTRUCTION. OTHERWISE, THE CONTRACTOR SHALL PERFORM HIS WORK IN ACCORDANCE WITH THE MOST STRINGENT NOTATION OR REQUIREMENT TO PROPERLY AND FUNCTIONALLY EXECUTE THE WORK OF HIS CONTRACT.
- CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING CONSTRUCTION. CONTRACTOR, BY ACCEPTING THE CONTRACT FOR THIS PROJECT AND USING THESE PLANS AND SPECIFICATIONS, AGREES TO DEFEND AND INDEMNIFY OWNER AND ITS CONSULTANTS AGAINST ANY CLAIMS, DAMAGES, OR LAWSUITS BY ANY CONTRACTOR OR SUBCONTRACTOR EMPLOYEES, INCLUDING BENEFICIARIES AND ESTATES, ARISING FROM PERFORMANCE OF THE WORK, INCLUDING BUT NOT LIMITED TO BODILY INJURY, SICKNESS, DISEASE, OR DEATH. THIS DEFENSE AND INDEMNIFICATION OBLIGATION WILL NOT NEGATE OR REDUCE ANY OTHER OBLIGATIONS CONTAINED IN ANY CONTRACT DOCUMENTS AND WILL NOT BE IN ANY WAY LIMITED BY OR SUBJECT TO, BENEFITS PAID UNDER WORKERS' COMPENSATION ACTS, DISABILITY BENEFITS, OR OTHER EMPLOYEE BENEFIT ACTS.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
- SHOULD ANY OF THE DETAILED INSTRUCTIONS ON THE DRAWINGS CONFLICT WITH THE NOTES OR SPECIFICATIONS OR WITH EACH OTHER, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT.
- CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMITY WITH APPLICABLE BUILDING CODES, OSHA, AND THOSE LAWS HAVING JURISDICTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL PROCURE AND PAY FOR ALL NECESSARY BUILDING PERMITS. BUSINESS LICENSE COSTS ARE NOT REIMBURSABLE.
- MANUFACTURER'S SPECIFICATIONS: ALL MATERIALS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS BY COMPETENT CRAFTSMEN FAMILIAR WITH THE WORK TO BE PERFORMED.
- THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONDITION OF EXISTING CONSTRUCTION AND/OR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS.
- THE GENERAL CONTRACTOR SHALL CONSULT WITH PEP BOYS AND AUTOZONE CONSTRUCTION MANAGER TO RESOLVE ANY AND ALL CHANGES, OMISSIONS, OR PLAN DISCREPANCIES PRIOR TO FINAL CONSTRUCTION AGREEMENT.
- ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL CODES AND ORDINANCES.
- THE GENERAL CONTRACTOR SHALL RETAIN ONE SET OF PLANS TO ANNOTATE AND DOCUMENT ALL CHANGES DURING CONSTRUCTION. THIS SET SHALL BE PART OF THE GENERAL CONTRACTOR'S "STORE CLOSE-OUT PACKAGE" AS DESCRIBED IN THE CONSTRUCTION MANAGEMENT AGREEMENT.
- AT LEAST ONE MONTH PRIOR TO THE ANTICIPATED CONSTRUCTION START DATE, THE GENERAL CONTRACTOR SHALL HAVE THE PLUMBING SUB, VIDEO SCOPE THE EXISTING SANITARY LINE AND TO PULL THE EXISTING TOILET TO DETERMINE THE INVERT OF THE PIPE AT THE INTENDED POINT OF CONNECTION TO SEE IF THERE IS AMPLE FALL IN THE NEW SANITARY LINES. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE PEP BOYS PROJECT MANAGER AND THE ARCHITECT OF RECORD.
- AT LEAST ONE MONTH PRIOR TO THE ANTICIPATED CONSTRUCTION START DATE, THE GENERAL CONTRACTOR AND THEIR SUBS SHALL VISIT THE SITE FOR INSPECTION AND DUE DILIGENCE TO VERIFY SCOPE AND DESIGN INTENT DELIVERABLES. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE PEP BOYS PROJECT MANAGER AND THE ARCHITECT OF RECORD.
- THE MECHANICAL SUB IS TO REMOVE PEP BOYS RTU'S FROM EXISTING NOVAR EMS SYSTEM AND SUPPLY & INSTALL NEW THERMOSTATS IN CLEAR LOCKABLE COVER. VERIFY LOCATION(S) WITH PEP BOYS PROJECT MANAGER.
- THE GENERAL CONTRACTOR IS TO TAG ALL WIRING, CONDUIT, FIRE ALARM WIRING, SECURITY WIRING AND LOW VOLTAGE CABLES THAT NEED TO REMAIN IN PLACE PRIOR TO STARTING DEMOLITION WORK.
- THE GENERAL CONTRACTOR IS TO REVIEW PEP BOYS APPROVED CIMA SIGNAGE PACKAGE FOR FINAL BUILDING COLOR SCHEME. CIMA SIGNAGE PACKAGE IS THE CONTROL FOR BUILDING COLORS AND LOCATION.
- AUTOZONE IS RESPONSIBLE FOR PROVIDING REQUIRED DOCUMENTS AND WORK TO EXISTING SPRINKLER SYSTEM TO MEET CODE COMPLIANCE REQUIRED BY NEW WORK SCOPE.

PROJECT NOTES

- GENERAL CONTRACTOR TO VERIFY AND ENSURE EMERGENCY LIGHTING LEVELS. PROVIDE MINIMUM OF 1.0 F.C. AT FLOOR LEVEL ALONG ALL PATHS OF EGRESS. ADD/RELOCATE EMERGENCY LIGHTS AND EXIT SIGNS PER FIRE MARSHALL. "REQUIRED" PATHS OF EGRESS SHALL NOT PASS FROM RETAIL THROUGH STORAGE.
- ALL ROOMS SHALL HAVE EMERGENCY LIGHTS AS REQUIRED. REUSE EXISTING AS APPLICABLE, PROVIDE NEW AS REQUIRED.
- MINIMUM AISLE WIDTH IS 36" CLEAR. PRIMARY EGRESS PATHS ARE 48" MINIMUM.
- LOCATE DISPLAY / RACK / SHELVING FIXTURES AS SHOWN, COORDINATE LOCATIONS WITH PROJECT MANAGER.
- RELOCATE DISPLAY / RACK / SHELVING FIXTURES. COORDINATE NEW LOCATIONS WITH PEP BOYS PROJECT MANAGER.
- GENERAL CONTRACTOR SHALL SAVE ANY EXIT LIGHTS FROM DEMOLITION SIDE OF AUTOZONE SPACE AND REUSE AS NEEDED TO MEET LIFE SAFETY CONDITIONS AT THE PEP BOYS BACK OF HOUSE. NO "DEAD END" RACKING CONDITIONS WILL BE ALLOWED.
- GENERAL CONTRACTOR UPON INSTALLATION OF TV TO VERIFY IF TV CHANNELS FUNCTION. IF NOT THEN GENERAL CONTRACTOR TO PURCHASE AND INSTALL DIGITAL ANTENNA TYPE 1 - DIGITAL ANTENNA @ BACK OF TV (CORDLESS MAGIC 0 2021 EDITION A HDTV AMPLIFIED INDOOR ANTENNA - 120 MILES RANGE. IF TYPE 1 ANTENNA DOES NOT WORK, THEN GENERAL CONTRACTOR TO USE TYPE 2 ANTENNA SOLUTION - PURCHASE AND INSTALL ON ROOF, ESKY HG-997 180 MILE OUTDOOR ANTENNA.
- NIGHT WORK MAY BE NECESSARY FOR VARIOUS PHASES OF JOB DUE TO ONGOING DAYTIME OPERATIONS. GENERAL CONTRACTOR TO PLAN AND SCHEDULE ACCORDINGLY.
- FURNITURE FIXTURES & EQUIPMENT ON PEP BOYS SIDE IS PROVIDED BY PEP BOYS AND DELIVERED TO SITE. GENERAL CONTRACTOR TO ASSEMBLE AND INSTALL.
- TO PROVIDE PRELIMINARY SCHEDULING AND PHASING PLAN INTO CONSTRUCTION SCHEDULE WHICH INCORPORATES PEP BOYS SERVICE OPERATIONS TO REMAIN OPEN DURING RE-DEMISE WORK. FINAL COORDINATION OF PLAN SHALL BE MUTUALLY ACCEPTED BY ALL PARTIES. PEP BOYS REPRESENTATIVE WILL CONFIRM PHASING AT CONSTRUCTION "KICK OFF" ON-SITE MEETING.
- ALL LOW VOLTAGE AND DATA WIRING AND INSTALLATION BY PEP BOYS (UNLESS NOTED OTHERWISE).
- IF NOT EXISTING, PROVIDE AND INSTALL SIX (6) 10LB ABCV FIRE EXTINGUISHERS. REFER TO PEP BOYS CONSTRUCTION PROJECT MANAGER FOR ALL LOCATIONS. ALL EXTINGUISHERS SHALL HAVE CURRENT INSPECTION TAGS, HUNG AND HAVE REQUIRED SIGNAGE.
- GENERAL CONTRACTOR TO PROVIDE SEPARATE COST BREAK OUT FOR DEMISE WORK AND PEP BOYS WORK.
- FIRE ALARM - GENERAL CONTRACTOR IS RESPONSIBLE FOR THE FEES, DESIGN, PERMITTING, PROGRAMMING, PROCUREMENT, INSTALLATION, TESTING, AND FIRE ALARM PERFORMANCE TO MEET FEDERAL, STATE AND LOCAL CODE REQUIREMENTS. GENERAL CONTRACTOR WILL BE REQUIRED TO MEET FIRE ALARM MONITORING COMPANY INTEGRATION REQUIREMENTS. VECTOR SECURITY IS PEP BOYS FIRE ALARM MONITORING VENDOR. GENERAL CONTRACTOR TO COORDINATE INTEGRATION OF EXISTING FASPECIFICS WITH AUTOZONE AND PEP BOYS PRIOR TO FINAL DESIGN.
- THE GENERAL CONTRACTOR SHOULD PATCH AND REPAIR SIGNAGE BAND WHERE PEP BOYS SIGNAGE IS REMOVED.
- THE GENERAL CONTRACTOR TO PAINT PEP BOYS SIGNAGE BACKGROUND WHERE REQUIRED FOR NEW PEP BOYS SIGNAGE.

SCOPE OF WORK

- THE SCOPE OF THE WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
- RETAIL TRADE FIXTURES TO BE REMOVED BY PEP BOYS.
 - EXISTING CUSTOMER LOUNGE AND WRITE-UP AREA PER PLANS. WALLS TO RECEIVE NEW PAINT. EXISTING FLOOR TO REMAIN UNLESS OTHERWISE NOTED. EXISTING CEILING TILE TO REMAIN WHEN AND WHEREVER POSSIBLE. IF NEW CEILING TILES ARE REQUIRED, THESE SHOULD MATCH EXISTING. EXISTING LIGHTING TO REMAIN IN ALL AREAS POSSIBLE. RETROFIT EXISTING LIGHT FIXTURES FRONT OF THE HOUSE ONLY WITH LED BULBS AS INDICATED PER PLANS. CORRECT ALL NON-FUNCTIONAL FIXTURES IN BACK OF HOUSE TO OPERATE CORRECTLY. IT IS ADEQUATE TO REUSE LAMPS FROM DEMOLISHED TENANT SIDE.
 - EXISTING CUSTOMER TOILET ROOM TO BE MODIFIED TO BE ADA COMPLIANT, TO RECEIVE NEW WALL, NEW CEILING, AND TO ADD PLUMBING FIXTURES AND ACCESSORIES.
 - EXISTING LIGHTING IN BACK OF HOUSE TO BE RE LAMPED.
 - NEW OPENING INTO SERVICE AREA.
 - NEW EMPLOYEE BREAK AREA IN BACK OF HOUSE WHERE SHOWN.
 - SUPPLY AND RETURN DUCTWORK ALTERATIONS.
 - SIGNAGE TO BE SUBMITTED UNDER SEPARATE PERMIT.
 - ADD NEW HI/LO ADA COMPLIANT DRINKING FOUNTAIN WITH BOTTLE FILLER.
 - EXISTING CONCRETE FLOOR TO BE POLISHED -1800 GRIT.

FIRE ALARM SYSTEM

DESIGN OF, AND POTENTIAL REQUIRED UPGRADES, OF EXISTING BUILDING FIRE ALARM SYSTEM FOR TENANTS WILL BE RESPONSIBILITY OF THE AUTOZONE GENERAL CONTRACTOR. ALL DESIGN, SYSTEM UPGRADES, DEVICES, INSTALLATION, PROGRAMMING, COORDINATION WITH VECTOR (MONITORING AGENT), AND OTHER REQUIREMENTS TO MEET CODE AND GAIN CERTIFICATE OF OCCUPANCY. MONITORING OF FINAL SYSTEM WILL BE BY VECTOR SECURITY, A PEP BOYS NATIONAL VENDOR.



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CURRENT ISSUED DRAWINGS

SHEET	DRAWING TITLE	CURRENT ISSUE	DATE
A-001	CODE DATA & GENERAL NOTES	PERMIT	06-25-24
A-002	EGRESS PLAN & NOTES	PERMIT	06-25-24
A-003	ACCESSIBILITY DETAILS	PERMIT	06-25-24
D-001	DEMO PLAN	PERMIT	06-25-24
D-002	DEMO REFLECTED CEILING PLAN	PERMIT	06-25-24
A-101	FLOOR & FIXTURE PLAN AND DETAILS	PERMIT	06-25-24
A-102	ENLARGED FLOOR & FIXTURE PLAN AND DETAILS	PERMIT	06-25-24
A-103	REFLECTED CEILING PLAN	PERMIT	06-25-24
A-201	INTERIOR ELEVATIONS & WALL FINISH PLAN	PERMIT	06-25-24
A-501	DETAILS	PERMIT	06-25-24
A-601	DOOR SCHEDULES & DETAILS	PERMIT	06-25-24
S-100	STRUCTURAL PLAN AND DETAILS	PERMIT	06-25-24
P1	PLUMBING PLAN	PERMIT	06-25-24
P2	PLUMBING SCHEDULES/ DETAILS/ RISERS	PERMIT	06-25-24
M1	HVAC PLAN	PERMIT	06-25-24
E1	POWER PLAN	PERMIT	06-25-24
E3	LIGHTING PLAN	PERMIT	06-25-24

CODE DATA

BUILDING CODE ANALYSIS APPLICABLE CODES (WITH APPLICABLE STATE AMENDMENTS)
NEW JERSEY STATE UNIFORM CONSTRUCTION CODE BASED ON:

- NEW JERSEY ADMINISTRATIVE CODE
- 2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION
- 2021 NATIONAL STANDARD PLUMBING CODE
- 2019 ASHRAE 90.1
- 2020 NATIONAL ELECTRICAL CODE
- 2021 INTERNATIONAL FIRE CODE
- 2017 ICC A117.1
- NEW JERSEY UNIFORM CONSTRUCTION CODE, SUBCHAPTER 6: NJ REHAB CODE
- 2021 INTERNATIONAL FUEL GAS CODE

CONSTRUCTION TYPE I-B, UNPROTECTED (EXISTING)
FULLY SPRINKLERED
HEIGHT ± 20'-0" (EXISTING)

CLASSIFICATION OF WORK: ALTERATION, RENOVATION

- MEANS OF EGRESS SIZING (SECTION 1005.3)
PER 1005.3.2 OTHER EGRESS COMPONENTS TO BE SIZED BY THE OCCUPANT LOAD MULTIPLIED BY 0.2 INCHES.
- | EGRESS AREA | OCCUPANT LOAD | REQUIRED EXIT (x0.2') | PROVIDED |
|-------------|---------------|-----------------------|----------|
| AREA 1 | 48 | 9.36" | 99" |
- MAXIMUM TRAVEL DISTANCE (TABLE 1017.2, WITH SPRINKLER)
OCCUPANCY S-1 = 250'
OCCUPANCY B = 300'
 - MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (TABLE 1006.2.1, WITH SPRINKLER)
OCCUPANCY B & S-1 = 100'

OCCUPANCY AND AREA CALCULATIONS

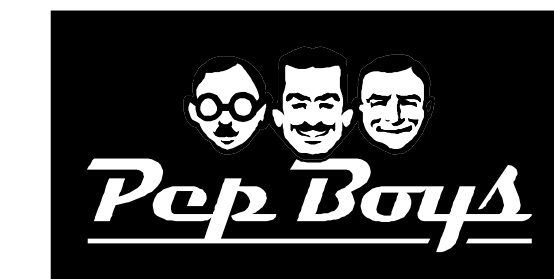
ROOM #	ROOM NAME	USE GROUP	AREA (SF)	SF PER PERSON	OCC. CALC
EGRESS AREA 1					
100	CUSTOMER SERVICE	B BUSINESS	1,387	150	10
200	SERVICE AREAS	S-1 STORAGE	6,035	300	21
201	STORAGE AREAS	S-1 STORAGE	5,081	300	17
TOTALS:			12,503 ft²		48



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DISTRIBUTION: DATE:

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CODE DATA & GENERAL NOTES

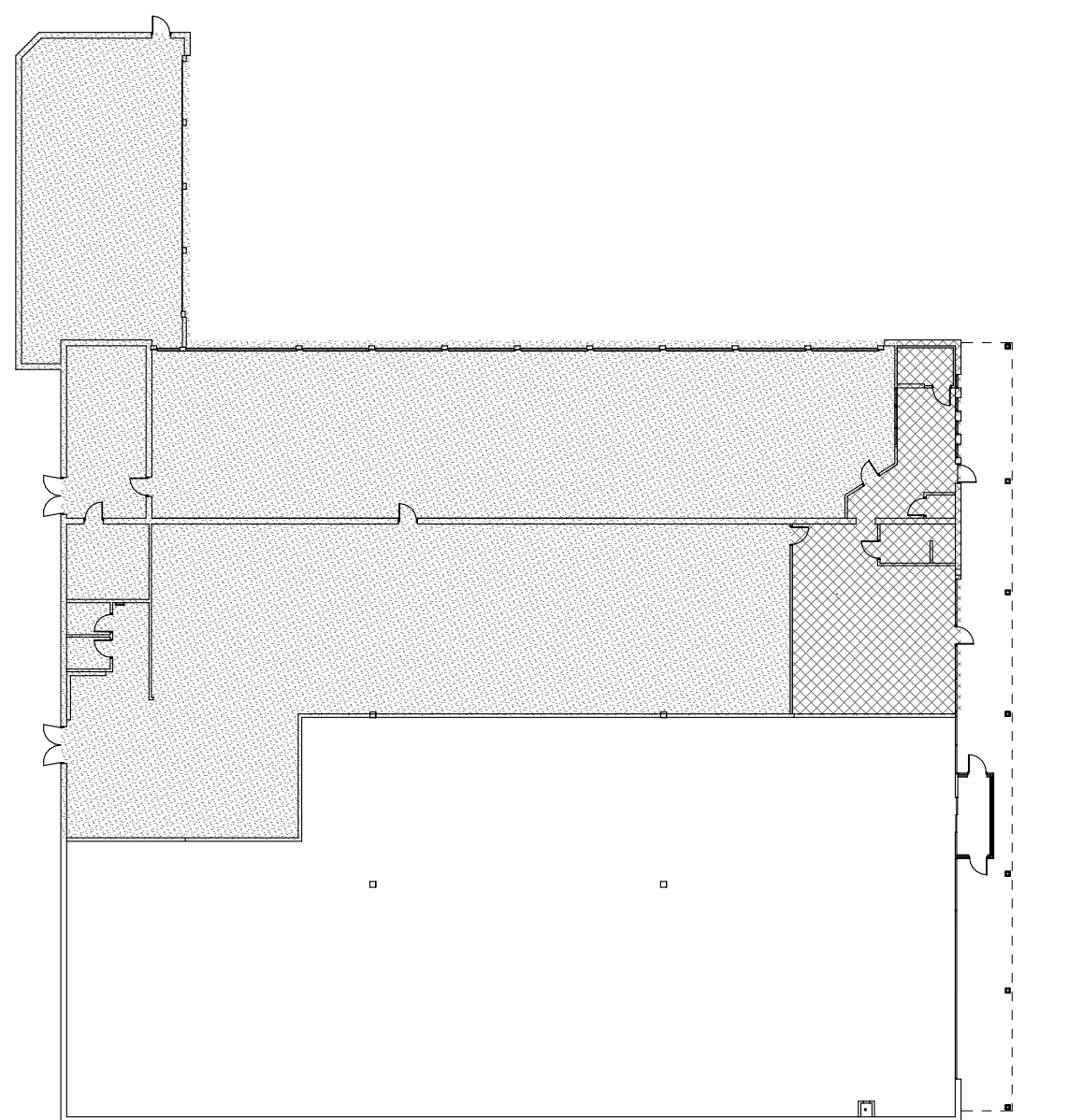
A-001

EGRESS PLAN LEGEND

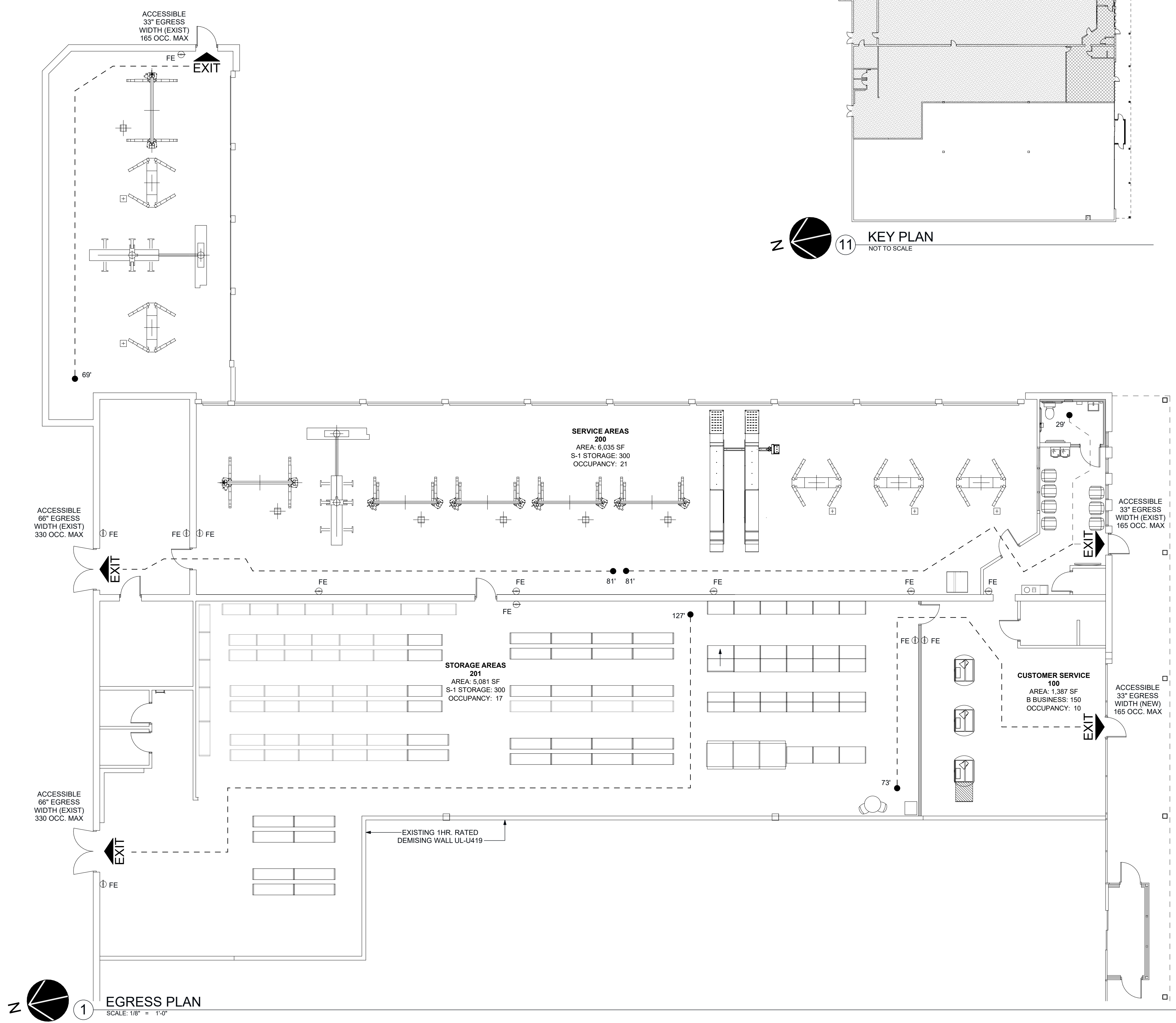
- MAXIMUM TRAVEL PATH START POINT, NUMBER ADJACENT NOTES DISTANCE
- - - PATH OF EGRESS TRAVEL
- EXIT EXIT
- FE FIRE EXTINGUISHER

KEY PLAN LEGEND

- GROUP S-1 - STORAGE
- GROUP B - BUSINESS



11 KEY PLAN
NOT TO SCALE



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EGRESS PLAN & NOTES

A-002

ACCESSIBLE CLEARANCES - 2017

SECTION 304 TURNING SPACE

304.3.1 CIRCULAR SPACE

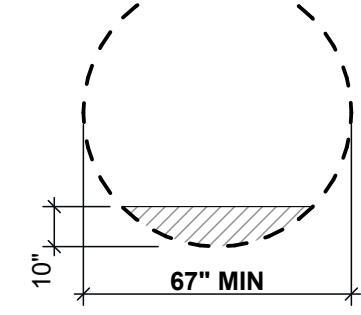
304.3.1.1 NEW BUILDINGS AND FACILITIES

IN NEW BUILDINGS AND FACILITIES, THE TURNING SPACE SHALL BE A CIRCULAR SPACE WITH A 67-INCH (1700 MM) MINIMUM DIAMETER.

304.3.1.1.1 OVERLAP

TURNING SPACES SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306. WHERE THE TURNING SPACE INCLUDED KNEE AND TOE CLEARANCES UNDER AN OBSTRUCTION, THE OVERLAP SHALL COMPLY WITH ALL OF THE FOLLOWING:

1. THE DEPTH OF THE OVERLAP SHALL NOT BE MORE THAN 10 INCHES (255 MM), AND
2. THE DEPTH SHALL NOT EXCEED THE DEPTH OF THE KNEE AND TOE CLEARANCES PROVIDED, AND
3. THE OVERLAP SHALL BE PERMITTED ONLY WITHIN THE TURNING CIRCLE AREA SHOWN SHADED IN FIGURE 304.3.1



OVERLAP OF KNEE AND TOE CLEARANCE

FIGURE 304.3.1.1 CIRCULAR TURNING SPACE - NEW BUILDINGS SIZE AND OVERLAP

304.3.2 T-SHAPED SPACE

304.3.2.1 NEW BUILDINGS AND FACILITIES

IN NEW BUILDINGS AND FACILITIES, THE TURNING SPACE SHALL BE A T-SHAPED SPACE COMPLYING WITH ONE OF THE FOLLOWING:

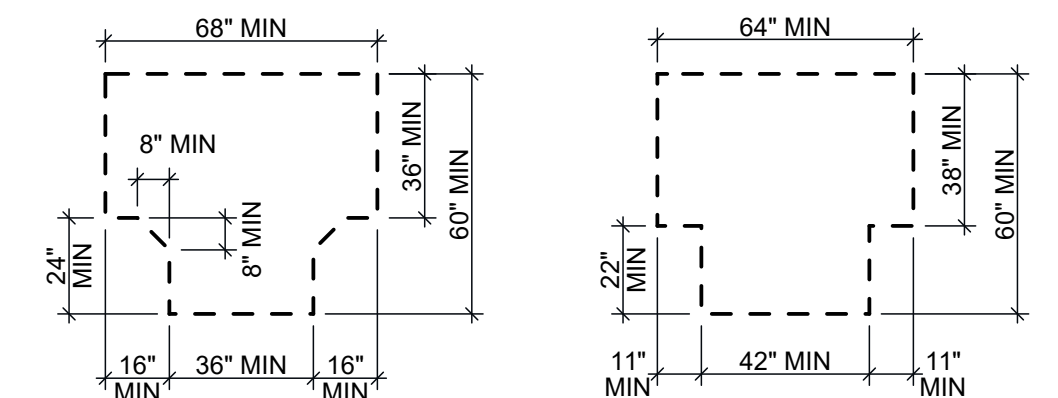


FIGURE 304.2.1 (A) T-SHAPED TURNING SPACE NEW BUILDINGS - OPTION 1

FIGURE 304.2.1 (B) T-SHAPED TURNING SPACE NEW BUILDINGS - OPTION 2

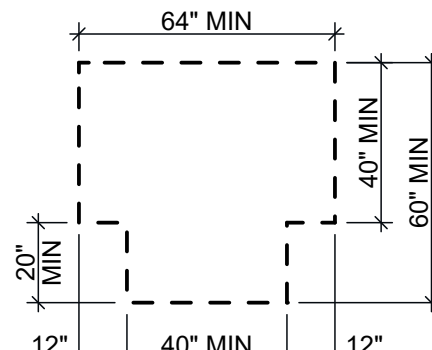
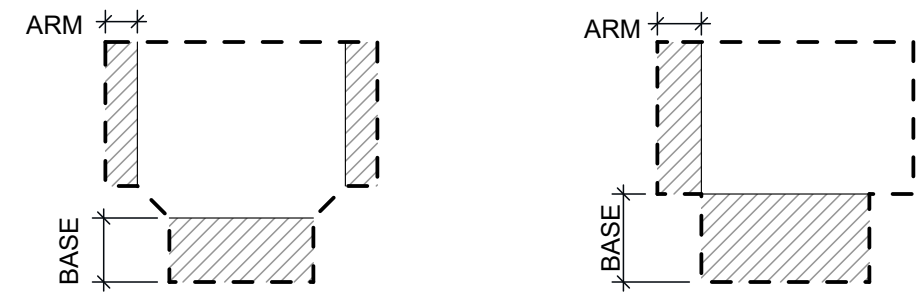


FIGURE 304.2.1 (C) T-SHAPED TURNING SPACE NEW BUILDINGS - OPTION 3

304.3.2.1.1 OVERLAP

TURNING SPACES SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCES COMPLYING WITH SECTION 306 OF EITHER THE BASE OR ONE ARM. FOR OPTION 1, THE BASE OR ARM IS THE PORTION BEYOND THE CHAMFER.



OVERLAP OF KNEE AND TOE CLEARANCE

FIGURE 304.3.1.1 T-SHAPED TURNING SPACE NEW BUILDINGS - OVERLAP

304.4 DOOR SWING

UNLESS OTHERWISE SPECIFIED, DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES

SECTION 305 CLEAR FLOOR SPACE

305.3.1 NEW BUILDINGS AND FACILITIES

IN NEW BUILDINGS AND FACILITIES, THE CLEAR FLOOR SPACE SHALL BE 52 INCHES (1320 MM) MINIMUM IN LENGTH AND 30 INCHES (760 MM) MINIMUM IN WIDTH.

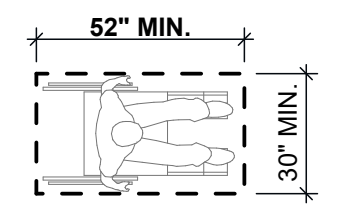


FIGURE 305.3.1 SIZE OF CLEAR FLOOR SPACE - NEW BUILDINGS

SECTION 307 PROTRUDING OBJECTS

307.2 PROTRUSION LIMITS

OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FLOOR SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO A CIRCULATION PATH.

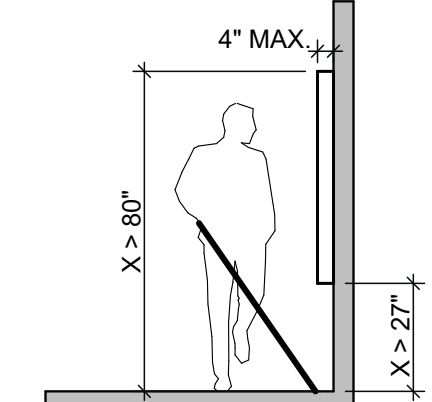


FIGURE 307.2 LIMITS OF PROTRUDING OBJECTS

DOOR CLEARANCE REQUIREMENTS & NOTES - 2017 ICC A117.1

404.2.2 CLEAR WIDTH.

DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (815 MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES (610 MM) DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES (915 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (865 MM) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (865 MM) AND 80 INCHES (2030 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES (100 MM). EXCEPTIONS:

1. IN ALTERATIONS, A PROJECTION OF 5/8 INCH (16 MM) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.
2. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES (1980 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND

404.2.3 MANEUVERING CLEARANCES.

MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH TABLE 404.2.3. MANEUVERING CLEARANCES SHALL INCLUDE THE FULL CLEAR OPENING WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.

404.2.4 THRESHOLDS.

THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH (13 MM) HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 AND 303.

EXCEPTION: EXISTING OR ALTERED THRESHOLDS 3/4 INCH (19 MM) HIGH MAXIMUM THAT HAVE A BEVELED EDGE ON EACH SIDE WITH A SLOPE NOT STEEPER THAN 1:2 SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.4.

404.2.6 DOOR AND GATE OPENING FORCE.

HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. THE OPERATIONAL FORCE TO RETRACT LATCHES OR DISENGAGE DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION SHALL BE AS FOLLOWS:

1. HARDWARE OPERATION BY A FORWARD, PUSHING OR PULLING MOTION: 15 POUNDS (66.7 N) MAXIMUM.
2. HARDWARE OPERATION BY A ROTATIONAL MOTION: 28 INCH-POUNDS (315 N-CM) MAXIMUM

404.2.6.1 HARDWARE HEIGHT

OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES (865 MM) MINIMUM AND 48 INCHES (1220 MM) MAXIMUM ABOVE THE FLOOR, WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.

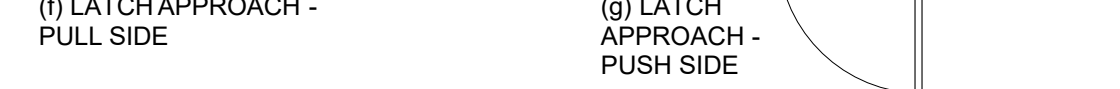
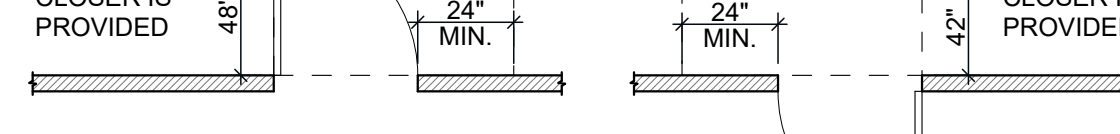
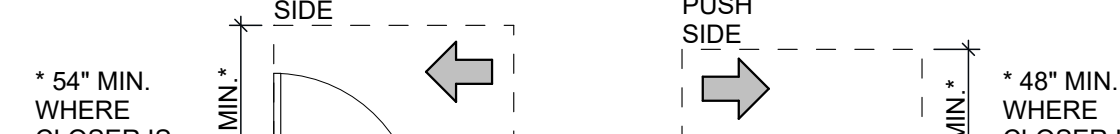
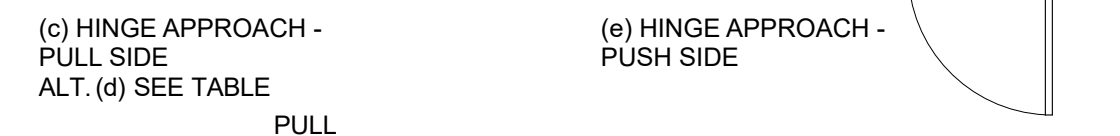
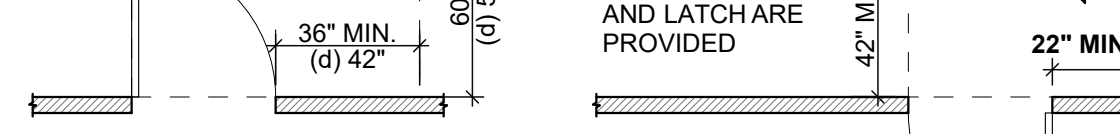
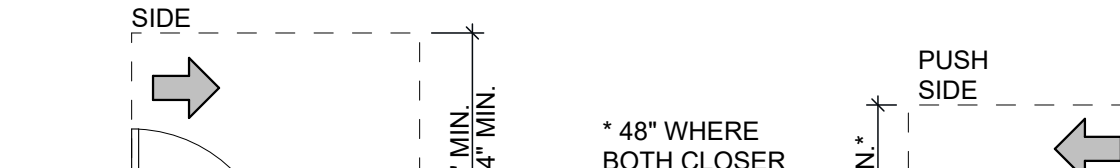
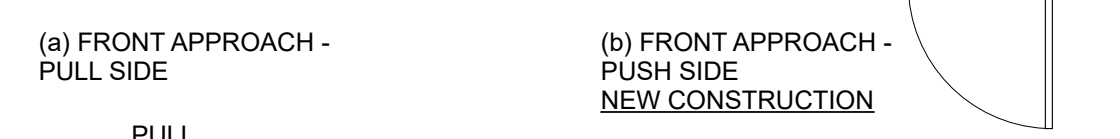
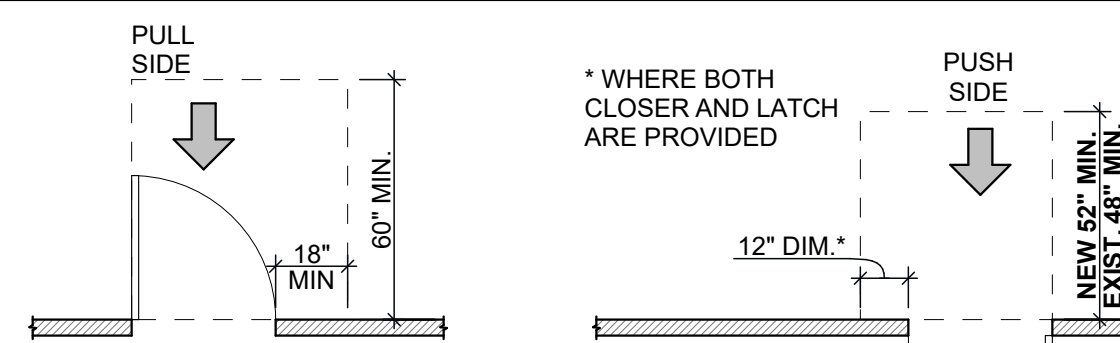
404.2.7.1 DOOR CLOSERS AND GATE CLOSERS.

DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.

404.2.8 DOOR AND GATE OPENING FORCE.

FIRE DOORS SHALL HAVE A MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:

1. INTERIOR HINGED DOORS AND GATES: 5 POUNDS (22.2 N) MAXIMUM.
 2. SLIDING OR FOLDING DOORS: 5 POUNDS (22.2 N) MAXIMUM.
- EXCEPTION: THE FORCE FOR OPENING DOORS OR GATES ON BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION SHALL NOT APPLY TO PANIC HARDWARE, DELAYED EGRESS DEVICES OR FIRE-RATED HARDWARE.



TYPE OF USE	MINIMUM CLEARANCES	
	PERPENDICULAR TO DOOR (1)	BEYOND LATCH PARALLEL TO DOOR
(a) FRONT PULL	60 INCHES	18 INCHES
(b) FRONT PUSH	52 INCHES ²	0 INCHES ³
(c) HINGE PULL	60 INCHES	36 INCHES
(d) HINGE PULL	54 INCHES	42 INCHES
(e) HINGE PUSH	42 INCHES ¹	22 INCHES ¹
(f) LATCH PULL	48 INCHES ²	24 INCHES
(g) LATCH PUSH	42 INCHES ²	24 INCHES

1. ADD 6 INCHES IF CLOSER AND LATCH PROVIDED.
2. ADD 12 INCHES IF CLOSER PROVIDED.
3. ADD 12 INCHES IF CLOSER AND LATCH PROVIDED.
4. BEYOND HINGE SIDE
5. IN EXISTING BUILDING & FACILITIES, THE DIMENSION PERPENDICULAR TO THE DOOR OR GATE FOR THE FRONT DIRECTION ON THE PUSH SIDE SHALL BE 48 INCHES MINIMUM.

GENERAL NOTES:
1. MANEUVERING CLEARANCES AT SWINGING DOORS IN ACCORDANCE WITH ICC/ANSI A117.1-2017 AND ADAAG.

CONTROL & DEVICE ACCESSIBILITY - 2017

SECTION 309 OPERABLE PARTS

309.1 GENERAL
OPERABLE PARTS SHALL COMPLY WITH SECTION 309.

EXCEPTIONS

1. RECEPTACLE OUTLETS SERVING A DEDICATED USE.
2. WHERE TWO OR MORE RECEPTACLE OUTLETS ARE PROVIDED IN A KITCHEN ABOVE A LENGTH OF COUNTERTOP THAT IS UNINTERRUPTED BY A SINK OR APPLIANCE, ONE RECEPTACLE OUTLET SHALL NOT BE REQUIRED TO COMPLY WITH THIS SECTION.
3. IN A KITCHEN, WHERE A CLEAR FLOOR SPACE FOR A PARALLEL APPROACH CANNOT BE LOCATED AT A COUNTERTOP IN A CORNER BETWEEN APPLIANCES, RECEPTACLE OUTLETS OVER THE COUNTERTOP SHALL NOT BE REQUIRED TO COMPLY WITH THIS SECTION PROVIDED THAT THE COUNTERTOP AREA DOES NOT EXCEED 9 SQUARE FEET MAXIMUM.
4. FLOOR RECEPTACLE OUTLETS.
5. HVAC DIFFUSERS.
6. CONTROLS MOUNTED ON CEILING FANS.
7. WHERE REDUNDANT CONTROLS OTHER THAN LIGHT SWITCHES ARE PROVIDED FOR A SINGLE ELEMENT, ONE CONTROL IN EACH SPACE SHALL NOT BE REQUIRED TO COMPLY WITH THIS SECTION.
8. RESET BUTTONS AND SHUT-OFFS SERVING APPLIANCES, PIPING AND PLUMBING FIXTURES.
9. ELECTRICAL PANELBOARDS SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 309.4.
10. EMERGENCY AID DEVICES, SUCH AS FIRE DEPARTMENT HOSE CONNECTIONS, VALVE CONTROLS, GAUGES, POLICE CALL BOXES AND ANNUNCIATOR PANELS SHALL NOT BE REQUIRED TO COMPLY WITH THIS SECTION PROVIDED THAT THEY ARE USED ONLY FOR EMERGENCIES BY EMERGENCY PERSONNEL ACTING IN THEIR OFFICIAL CAPACITY.

309.2 CLEAR FLOOR SPACE

A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305 SHALL BE PROVIDED.

309.3 HEIGHT

OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN SECTION 308.

309.4 OPERATION

OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5.0 POUNDS MAXIMUM.

DEFINITIONS - 2017 ICC A117.1

SECTION 107 DEFINITIONS

CIRCULATION PATH: AN EXTERIOR OR INTERIOR WAY OF PASSAGE PROVIDED FOR PEDESTRIAN TRAVEL, INCLUDING BUT NOT LIMITED TO, WALKS, HALLWAYS, COURTYARDS, ELEVATORS, PLATFORMS LIFTS, RAMPS, STAIRWAYS AND LANDINGS.

COMMON USE: INTERIOR OR EXTERIOR CIRCULATION PATHS, ROOMS, SPACES OR ELEMENTS THAT ARE NOT FOR PUBLIC USE AND ARE MADE AVAILABLE FOR THE SHARED USE OF TWO OR MORE PEOPLE.

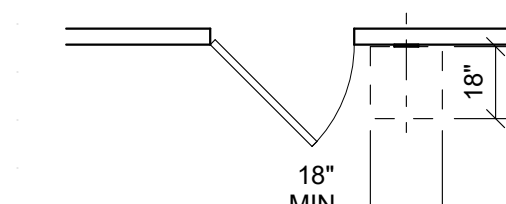
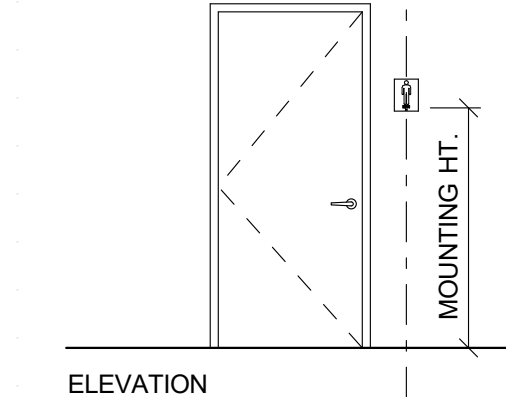
EMPLOYEE WORK AREA: ALL OR ANY PORTION OF A SPACE USED ONLY BY EMPLOYEES AND USED ONLY FOR WORK, CORRIDORS, TOILET ROOMS, KITCHENETTES AND BREAK ROOMS ARE NOT EMPLOYEE WORK AREAS.

EXISTING BUILDING: A BUILDING ERRECTED PRIOR TO THE DATE OF ADOPTION OF THIS STANDARD, OR ONE FOR WHICH A LEGAL BUILDING PERMIT HAS BEEN ISSUED.

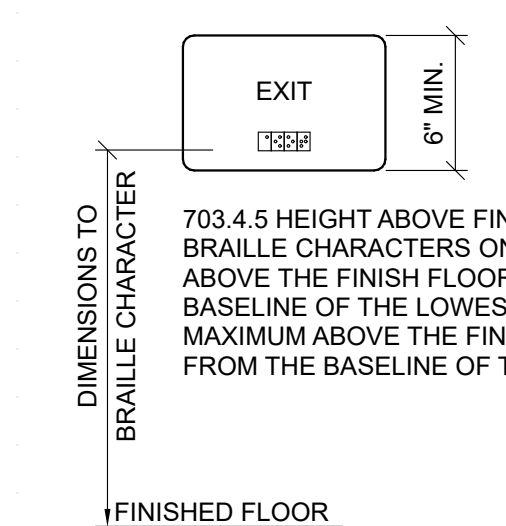
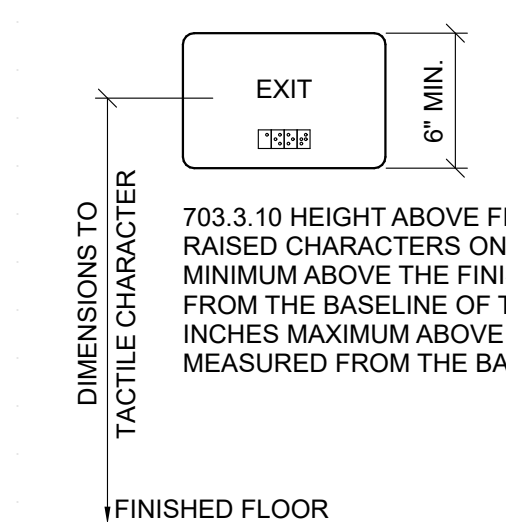
EXISTING FACILITY: A FACILITY COMPLETED PRIOR TO THE DATE OF ADOPTION OF THIS STANDARD, OR ONE FOR WHICH A LEGAL PERMIT HAS BEEN ISSUED.

ACCESSIBLE SIGNAGE

ROOM SIGNS SHALL BE IN ACCORDANCE WITH ICC/ANSI A117.1 AND ADAAG.



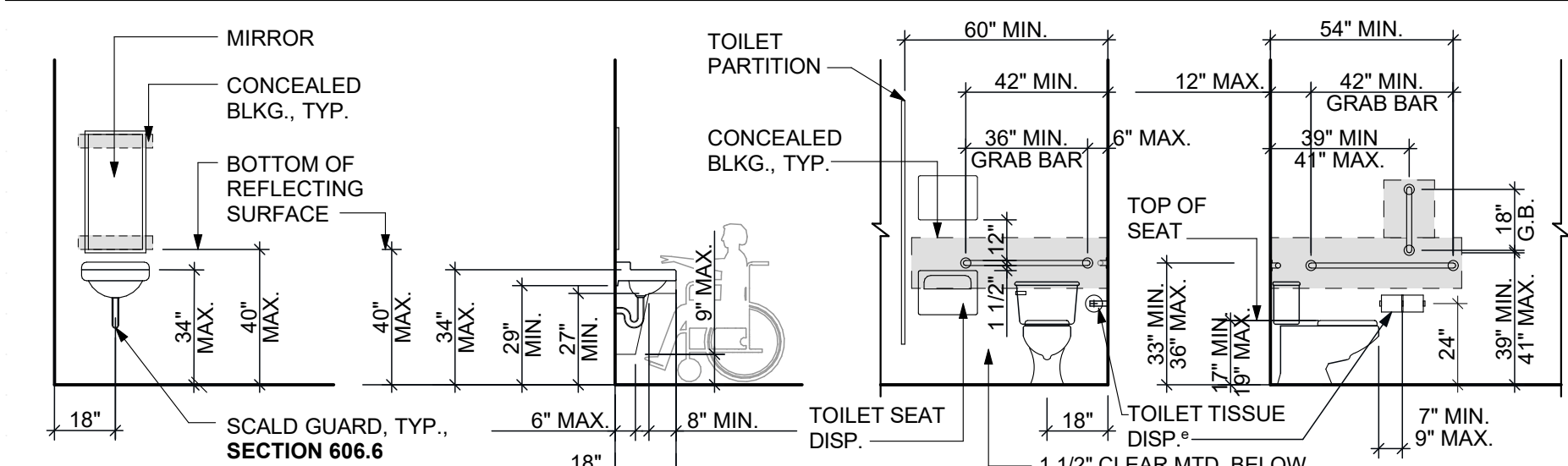
TOILET ROOM BARRIER FREE SIGNS: PROVIDE DOOR SIGNS AT BARRIER FREE TOILET ROOMS. SIGNS SHALL BE 8" X 8" NOMINAL SIZE WITH WHITE LETTERS ON BLACK (OR WHITE ON BLUE) BACKGROUND AS REQUIRED BY LOCAL JURISDICTION; RAISED LETTER, BRAILLE AND PICTOGRAMS ON A MATTE PLASTIC SURFACE; DOUBLE-FACED ADHESIVE BACK TAPE MOUNTING. MOUNT SIGNS IN ACCORDANCE WITH BARRIER FREE CODE ACCESSIBILITY GUIDELINES



MOUNTING HEIGHT: CHARACTERS SHALL BE LOCATED ABOVE THE FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE CHARACTERS AS FOLLOWS:
- 48" MIN. MEASURED TO THE BASELINE OF THE LOWEST CHARACTERS.
- 60" MAX. MEASURED TO THE BASELINE OF THE HIGHEST CHARACTERS.

MOUNTING LOCATION: MIN. CLEAR ON THE GROUND OR FLOOR, CENTERED ON THE RAISED CHARACTERS, BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION & 45 DEG. OPEN POSITION

TOILET ROOM HEIGHT REQUIREMENTS

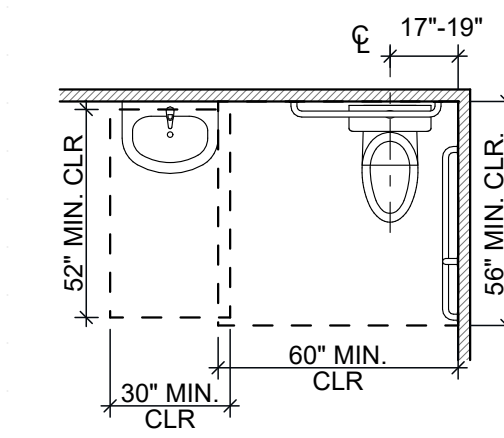


GENERAL NOTES:

- TOILET ACCESSORY MOUNTING HEIGHTS SHALL BE IN ACCORDANCE WITH 2017 ICC/ANSI A117.1, ADAAG, AND LOCAL CODES.
- PROVIDE FR. TR. WOOD BLOCKING IN PARTITIONS FOR SUPPORT OF TOILET ACCESSORIES.
- PARTITION DIMENSIONS SHOWN ARE TO FACE OF FINISH (GYP. BD. OR CERAMIC TILE) UNLESS NOTED OTHERWISE.
- FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309 AND SHALL BE INSTALLED 36 INCHES (915 MM) MAXIMUM ABOVE THE FINISH FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH 604.8.2.
- SECTION 604.7 DISPENSERS: TOILET PAPER DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY OR DO NOT ALL CONTINUOUS PAPER FLOW.

SECTION 603.6 OPERABLE PARTS (ON TOWEL DISPENSERS & HAND DRYERS SERVING LAVS); MAXIMUM REACH DEPTH AND HEIGHT						
MAX REACH DEPTH	0.5 INCH	2 INCHES	5 INCHES	6 INCHES	9 INCHES	11 INCHES
MAX REACH HEIGHT	48 INCHES	46 INCHES	42 INCHES	40 INCHES	36 INCHES	34 INCHES

TOILET ROOM CLEAR FLOOR SPACE REQUIREMENTS - 2017

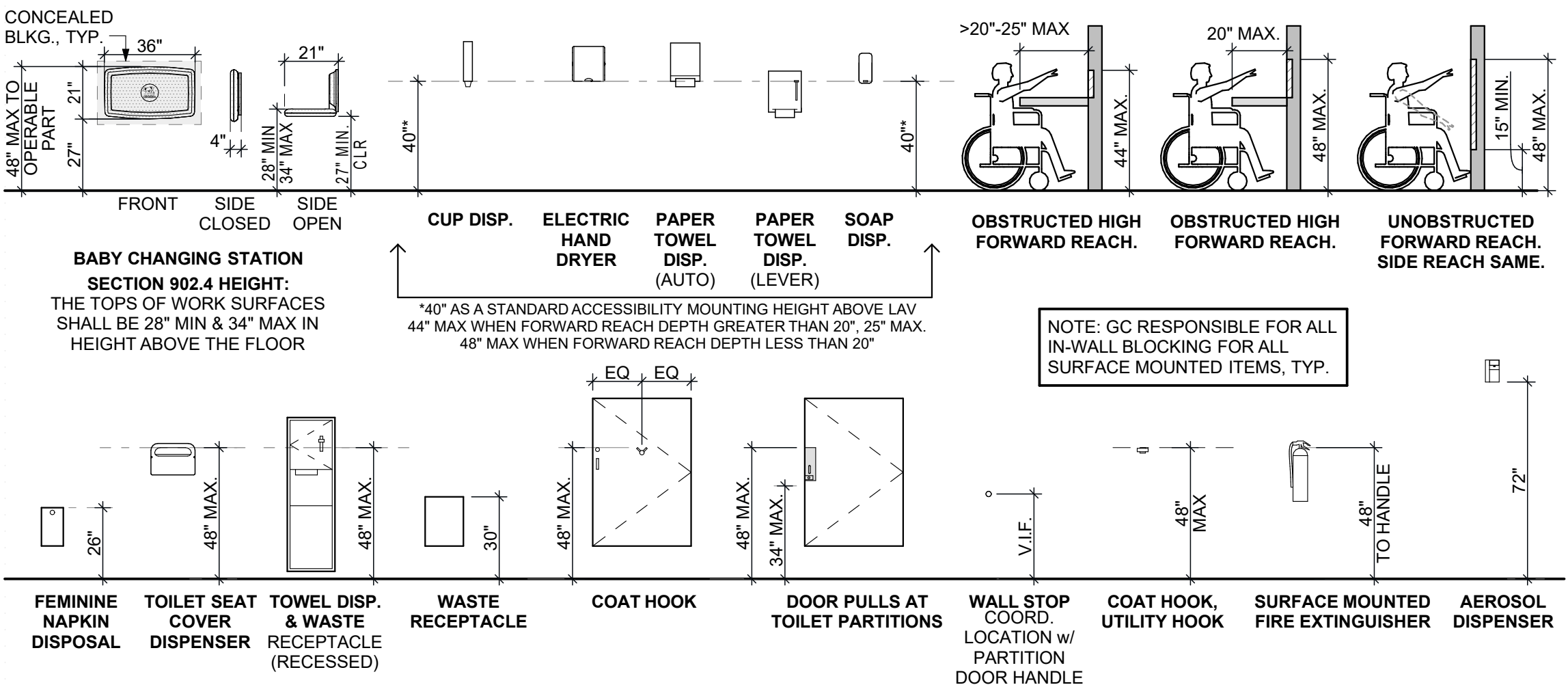


LAVATORY* SINGLE-USER WATER CLOSET

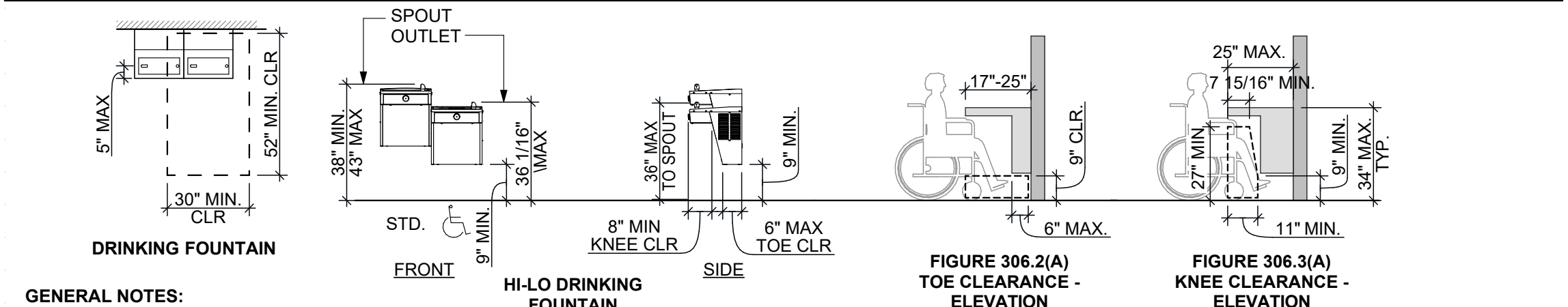
GENERAL NOTES:

- STANDARD NON-ACCESSIBLE STALLS SHALL BE 36" WIDE BY 60" IN DEPTH
- SECTION 604.3.3 CLEARANCE OVERLAP: THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET. ASSOCIATED GRAB BARS, PAPER DISPENSERS, SANITARY NAPKIN RECEPTACLES, COAT HOOKS, ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AT OTHER FIXTURES AND THE TURN SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE WITH THE REQUIRED WATER CLOSET CLEARANCE.

ACCESSORY MOUNTING HEIGHTS



DRINKING FOUNTAIN REQUIREMENTS



GENERAL NOTES:

- SECTION 602.2.1 CLEAR FLOOR SPACE
A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH TO THE DRINKING FOUNTAIN SHALL BE PROVIDED. KNEE AND TOE SPACE COMPLYING WITH SECTION 306 SHALL BE PROVIDED. THE CLEAR FLOOR SPACE SHALL BE CENTERED ON THE DRINKING FOUNTAIN.
- SECTION 602.2.3 SPOUT OUTLET HEIGHT [ACCESSIBLE]
SPOUT OUTLETS OF DRINKING FOUNTAINS SHALL BE 36" MAXIMUM ABOVE THE FLOOR.
- SECTION 602.2.4 SPOUT LOCATION
THE SPOUT SHALL BE LOCATED 15 INCHES MINIMUM FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRONT EDGE OF THE DRINKING FOUNTAIN, INCLUDING BUMPERS.
- SECTION 602.2.5 WATER FLOW
THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES MINIMUM IN HEIGHT. THE ANGLE OF THE WATER STREAM FROM THE SPOUTS WITHIN 3 INCHES OF THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 30 DEGREES MAXIMUM, AND FROM THE SPOUTS BETWEEN 3 INCHES AND 5 INCHES FROM THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 15 DEGREE MAXIMUM, MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE DRINKING FOUNTAIN.
- SECTION 602.3.1 SPOUT OUTLET HEIGHT [STANDING PERSONS]
SPOUT OUTLETS OF DRINKING FOUNTAINS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FLOOR.
- SECTION 604.2 CONTROLS [FOR BOTTLE FILLING STATIONS]
CONTROLS FOR BOTTLE FILLING STATIONS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED CONTROLS SHALL COMPLY WITH SECTION 309.
- SECTION 307.2 PROTRUSION LIMITS
OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FLOOR SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO A CIRCULATION PATH.



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PEPBOYS AUTO SERVICE & TIRES

STORE ALTERATIONS

PEP BOYS

STORE # 0048

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DEMOLITION NOTES

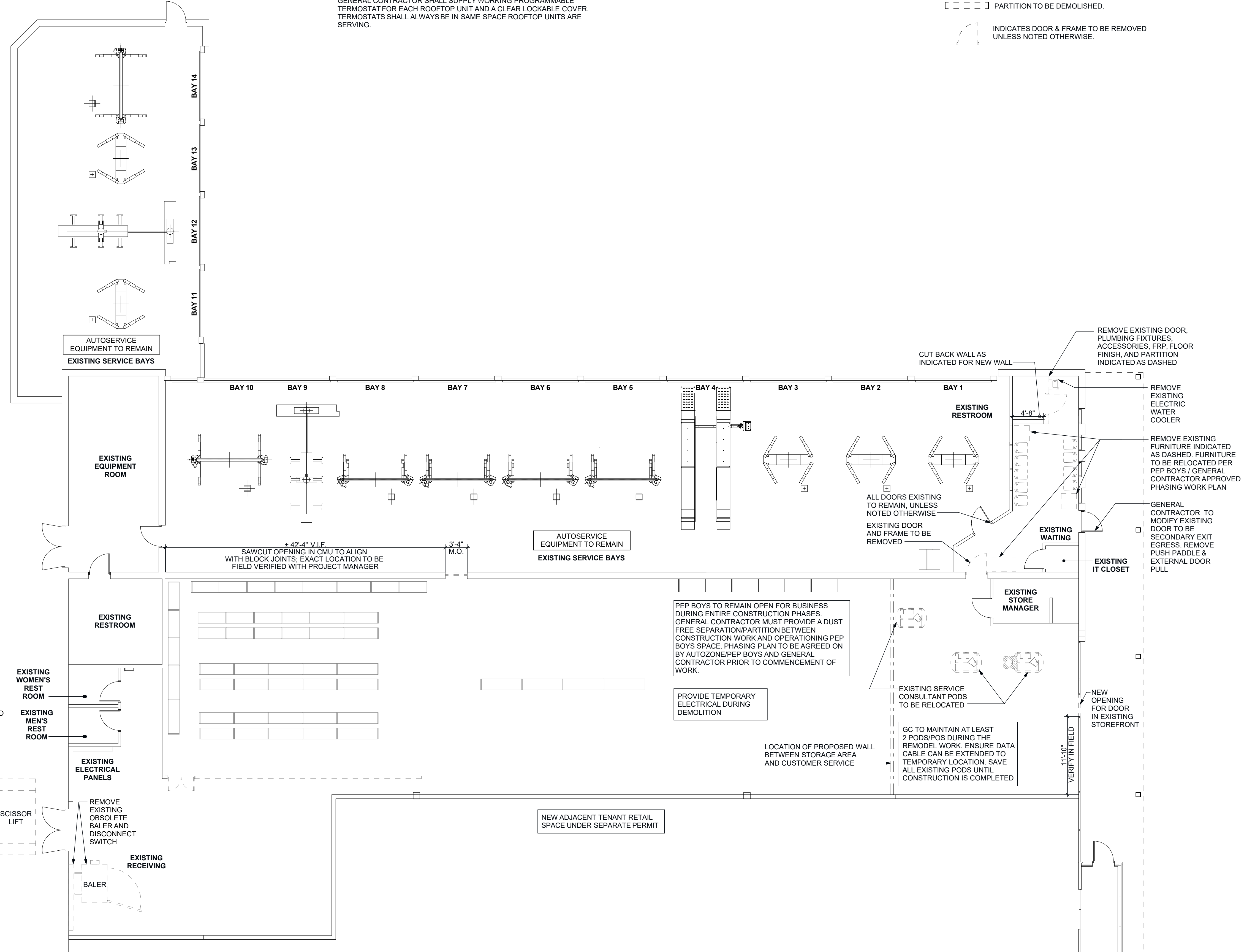
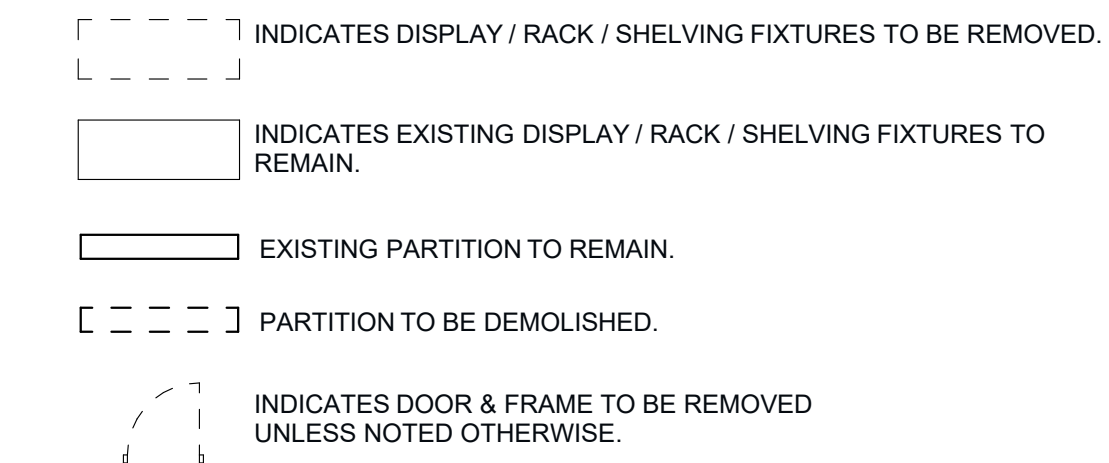
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- ALL RELOCATION AND OR REMOVAL WORK OF DISPLAY / RACK / SHELVING FIXTURES TO BE DONE BY PEP BOYS.
- WHERE AN EXISTING PEP BOYS DOOR IS REMOVED AND CONTAINS PEP BOYS CORE LOCK, GENERAL CONTRACTOR SHALL REMOVE AND GIVE TO STORE MANAGER FOR REUSE. DO NOT DISCARD. STORE MANAGER SHALL PLACE IN STORE SAFE.
- GENERAL CONTRACTOR SHALL RETAIN EXISTING PEP BOYS UNIT HEATERS IN PLACE FOR REUSE. GENERAL CONTRACTOR MAY BE REQUIRED TO ADJUST UNIT HEATERS TO FUNCTION CORRECTLY DUE TO NEW CONSTRUCTION.
- GENERAL CONTRACTOR SHALL DECOMMISSION, DEMOLISH AND FILL-IN ANY EXISTING INGROUND LIFTS, FILL IN WITH CONCRETE, AND COMPLETE REMOVAL OF ALL SUPPORTING COMPONENTS OF LIFTS. GENERAL CONTRACTOR TO PROPERLY REMOVE AND MAKE SAFE ELECTRICAL, MOTORS, PUMPS, WALL BRACKETS, ETC.

- GENERAL CONTRACTOR SHALL DECOMMISSION, DEMOLISH ANY EXISTING PEP BOYS BAILER, MAKE SAFE TO PANEL ABANDONED ELECTRICAL AND PROPERLY DISPOSE OF ANY HAZARDOUS MATERIALS.
- IF THE CONTRACTOR NEEDS TO REMOVE EXISTING BACK OF HOUSE CONSTRUCTION/FINISHES TO COMPLETE WORK, THE GENERAL CONTRACTOR SHALL REPLACE ALL DEMOLISHED FINISHES BACK TO ITS ORIGINAL CONDITION. EXAMPLE: IF THE EXISTING ACT AND CEILING LIGHTS NEED TO BE REMOVED TO MODIFY HVAC ROUTING, THEN THESE ITEMS NEED TO BE REINSTALLED FOLLOWING THE HVAC MODIFICATIONS.



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

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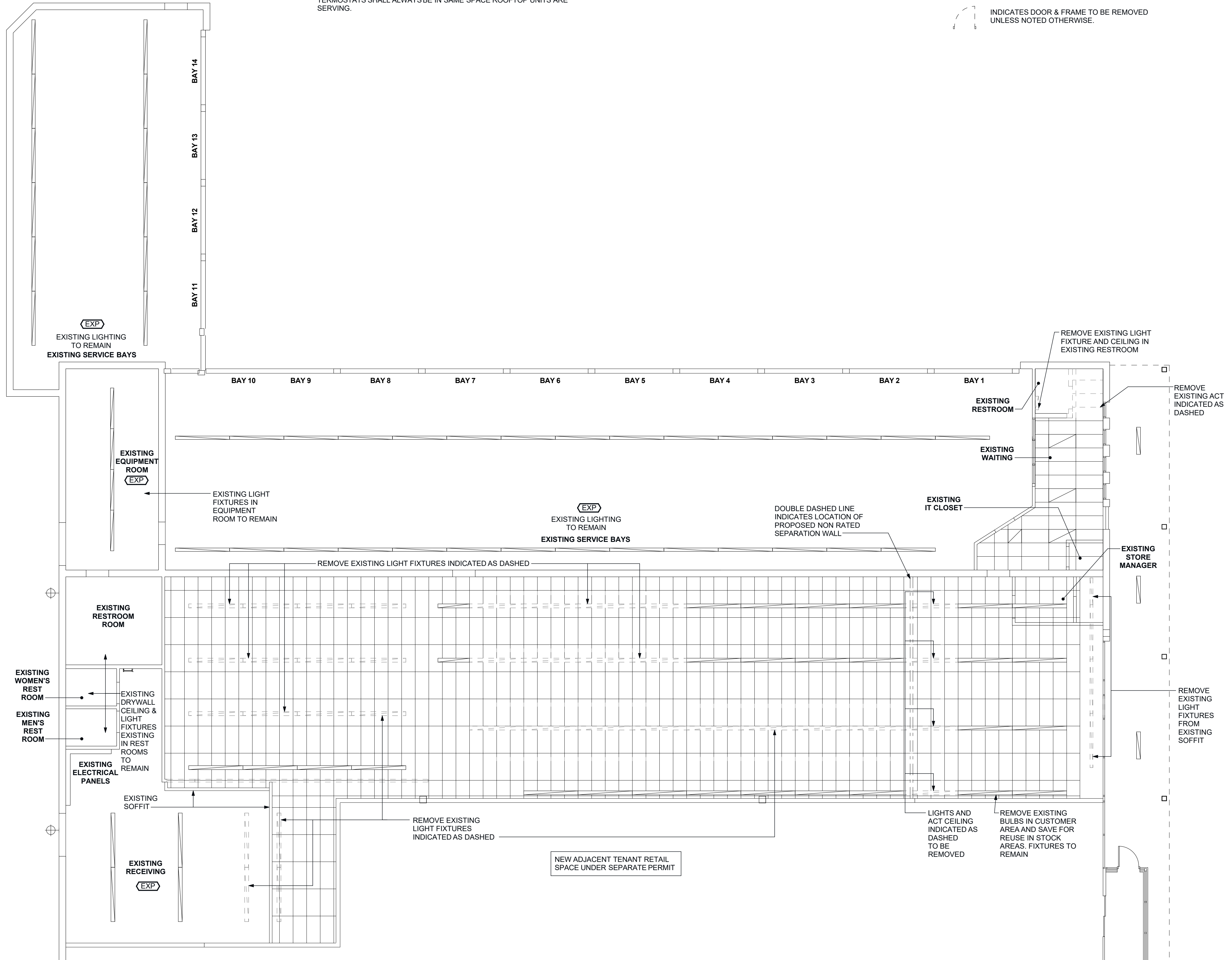
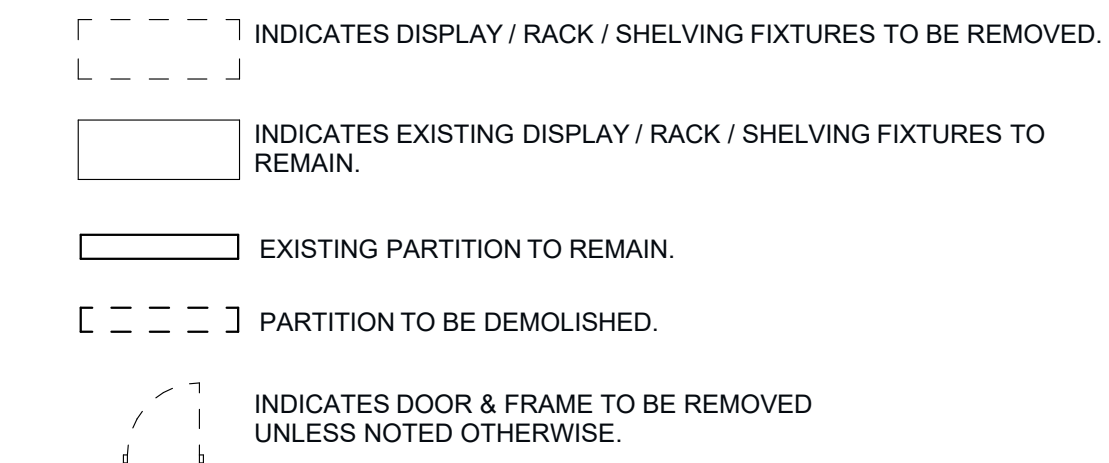
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- PEP BOYS IS RETAINING ALL FINISHES (CEILING, LIGHTING, FLOORING) FOR REUSE UNLESS NOTED OTHERWISE. GENERAL CONTRACTOR TO TAKE CARE IN ADJACENT TENANT DEMO.
- ALL RELOCATION AND OR REMOVAL WORK OF DISPLAY / RACK / SHELVING FIXTURES TO BE DONE BY PEP BOYS.
- WHERE AN EXISTING PEP BOYS DOOR IS REMOVED AND CONTAINS PEP BOYS CORE LOCK, GENERAL CONTRACTOR SHALL REMOVE AND GIVE TO STORE MANAGER FOR REUSE. DO NOT DISCARD. STORE MANAGER SHALL PLACE IN STORE SAFE.
- GENERAL CONTRACTOR SHALL RETAIN EXISTING PEP BOYS UNIT HEATERS IN PLACE FOR REUSE. GENERAL CONTRACTOR MAY BE REQUIRED TO ADJUST UNIT HEATERS TO FUNCTION CORRECTLY DUE TO NEW CONSTRUCTION.
- GENERAL CONTRACTOR SHALL DECOMMISSION, DEMOLISH AND FILL-IN ANY EXISTING INGROUND LIFTS, FILL IN WITH CONCRETE, AND COMPLETE REMOVAL OF ALL SUPPORTING COMPONENTS OF LIFTS. GENERAL CONTRACTOR TO PROPERLY REMOVE AND MAKE SAFE ELECTRICAL, MOTORS, PUMPS, WALL BRACKETS, ETC.

- GENERAL CONTRACTOR SHALL DECOMMISSION, DEMOLISH ANY EXISTING PEP BOYS BAILER. MAKE SAFE TO PANEL ABANDONED ELECTRICAL AND PROPERLY DISPOSE OF ANY HAZARDOUS MATERIALS.
- IF THE CONTRACTOR NEEDS TO REMOVE EXISTING BACK OF HOUSE CONSTRUCTION/FINISHES TO COMPLETE WORK, THE GENERAL CONTRACTOR SHALL REPLACE ALL DEMOLISHED FINISHES BACK TO ITS ORIGINAL CONDITION. EXAMPLE: IF THE EXISTING ACT AND CEILING LIGHTS NEED TO BE REMOVED TO MODIFY HVAC ROUTING, THEN THESE ITEMS NEED TO BE REINSTALLED FOLLOWING THE HVAC MODIFICATIONS.



DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

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CLIENT + PROJECT

PEPBOYS AUTO
SERVICE & TIRES

STORE ALTERATIONS
PEP BOYS
STORE # 0048
775 ROUTE 70 WEST
MARLTON, NJ 08053

DISTRIBUTION:	DATE:
00 BID	05-23-24
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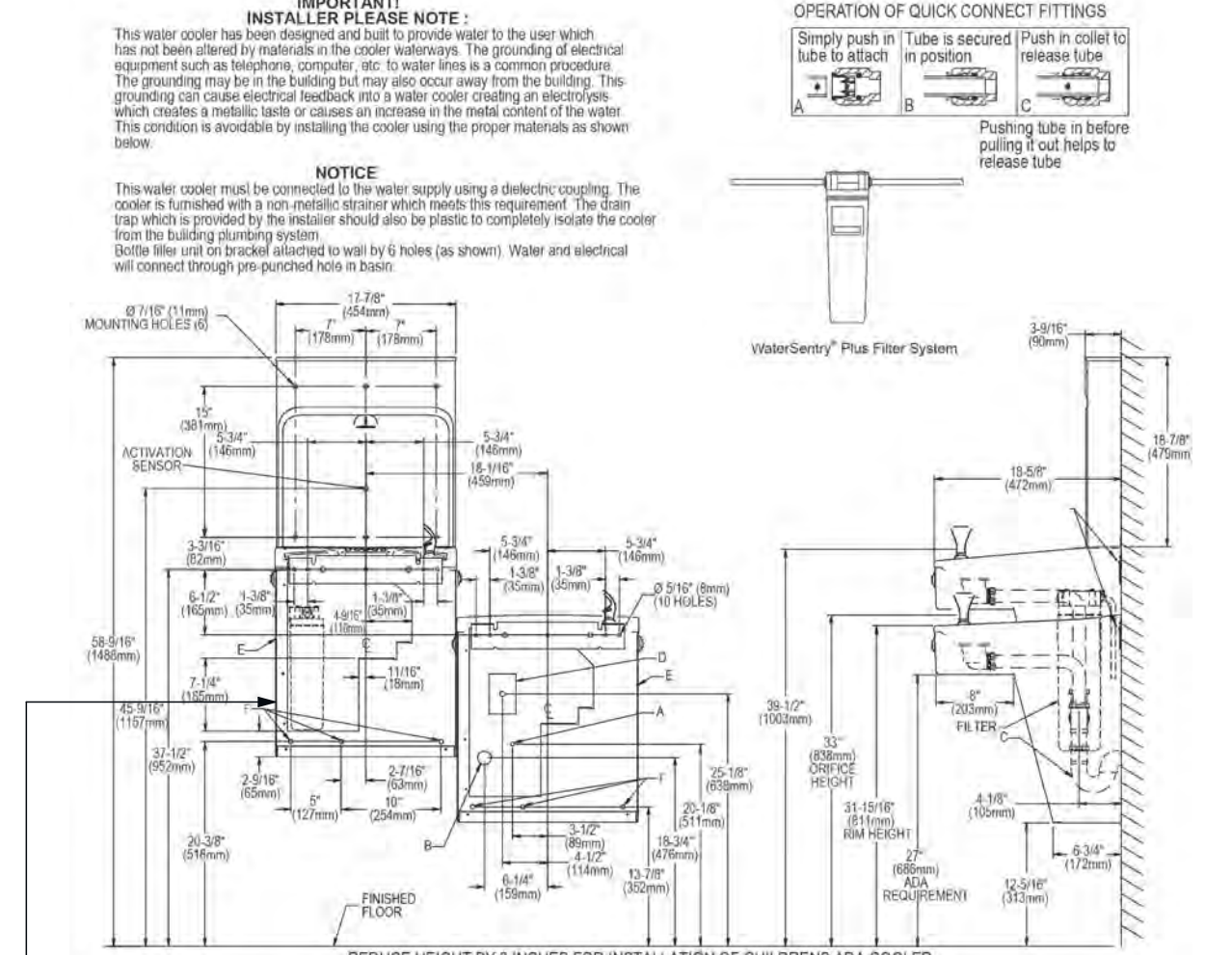
DRAWING NAME + NUMBER

DEMO REFLECTED CEILING PLAN

D-002

DRINKING FOUNTAIN DETAIL

Halsey Taylor HydroBoost Bottle Filling Station & Bi-Level ADA Cooler
Model HTHB-HAC8BLS5-WF



LEGEND:
 A = Recommended Water Supply location. Shut-off Valve (not furnished) to accept 3/8" O.D. ungalvanized copper tube. Up to 3" (76mm) maximum out from wall.
 B = Recommended Waste Outlet location. To accommodate 1-1/2" nominal drain. Drain stub 2" (51mm) out from wall.
 C = 1-1/2" (38mm) Tag (not furnished).
 D = Electrical Supply (2) Wire Recessed Box (Duplex Outlet).
 E = Insure proper ventilation by maintaining 6" (152mm) minimum clearance from cabinet covers to wall.
 F = 7/16" (11mm) Soil Nipple for fastening to wall.
 Note: New installations Must Use Ground Fault Circuit Interrupter (GFCI).

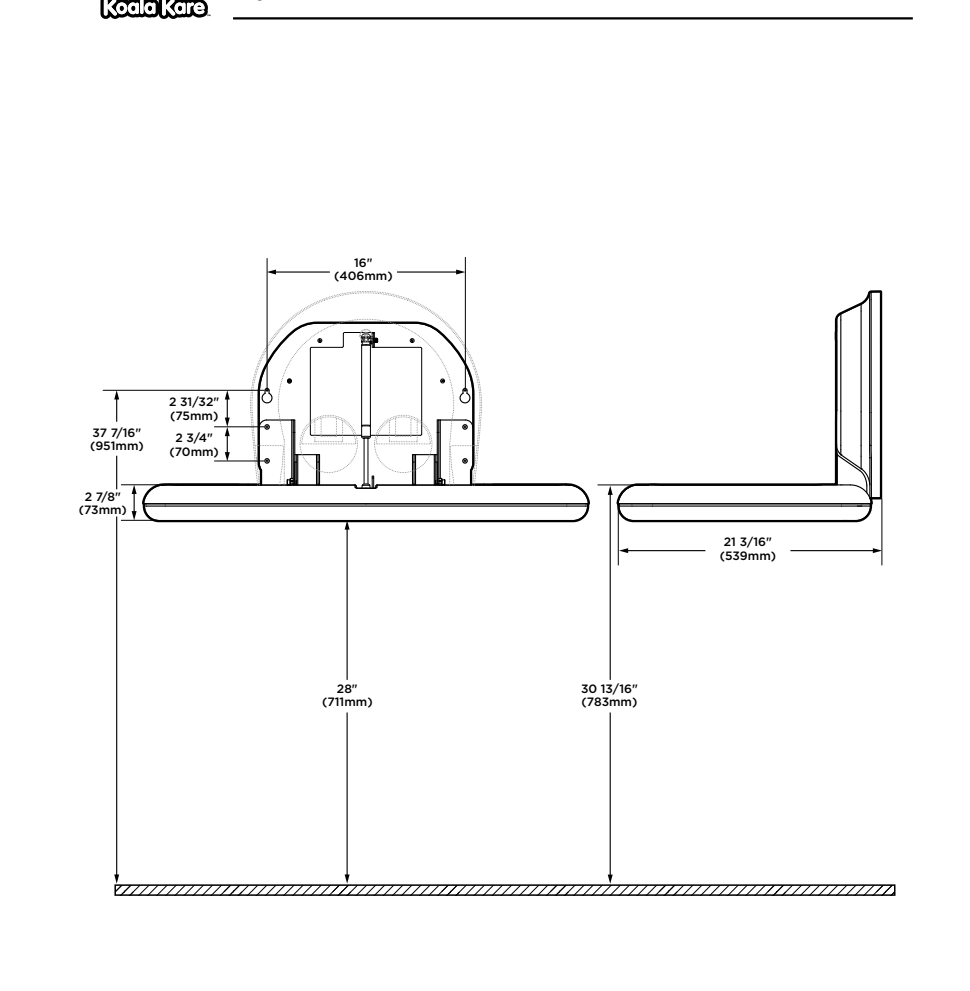
PROVIDE ADA CANE APRON

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

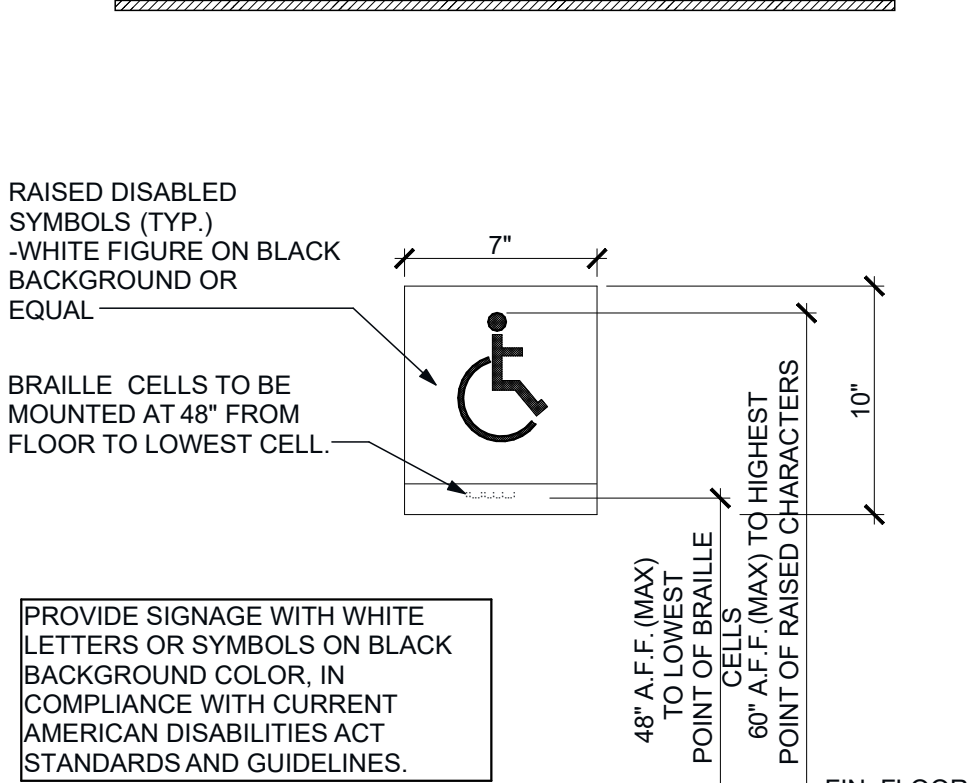
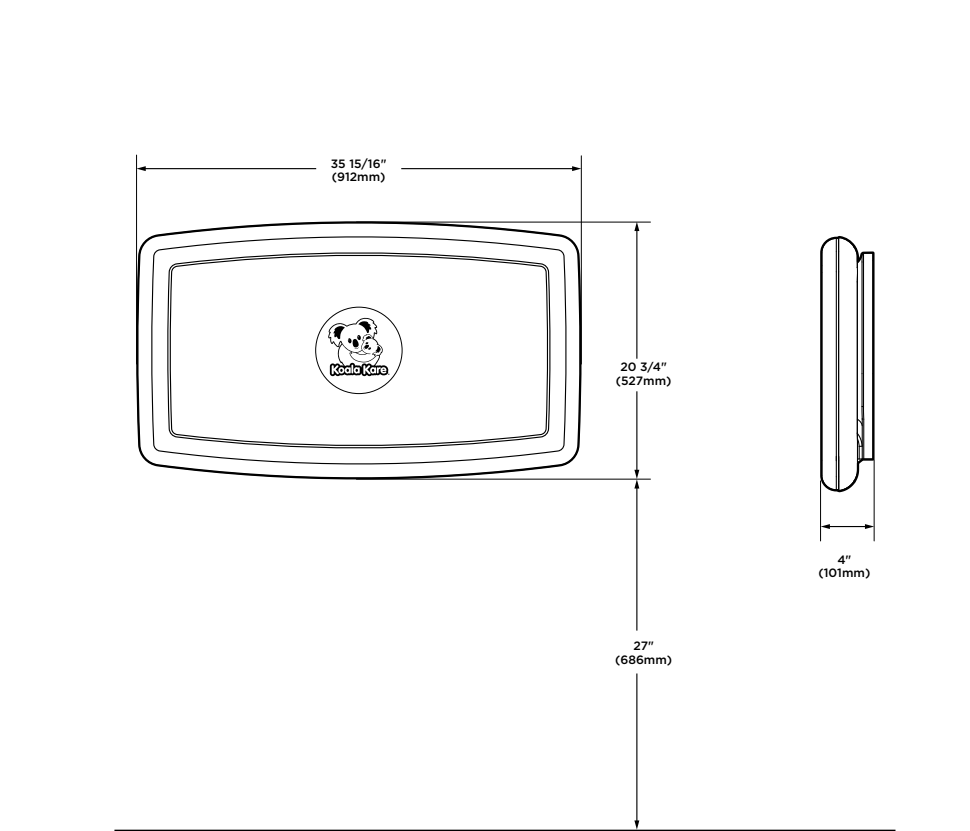
Halsey Taylor-REV 07182019 2222 Camden Court © 2019 Page 3
 RESTROOMDIRECT WWW.RESTROOMDIRECT.COM 704-937-2673 129 Oakport Dr., Unit A, Mooresville, NC 28116

BABY CHANGING STATION DETAIL

KB300 Baby Changing Station
 Open Position



KB300 Baby Changing Station
 Closed Position



RAISED DISABLED SYMBOLS (TYP.)
 -WHITE FIGURE ON BLACK BACKGROUND OR EQUAL

BRILLE CELLS TO BE MOUNTED AT 48" FROM FLOOR TO LOWEST CELL.

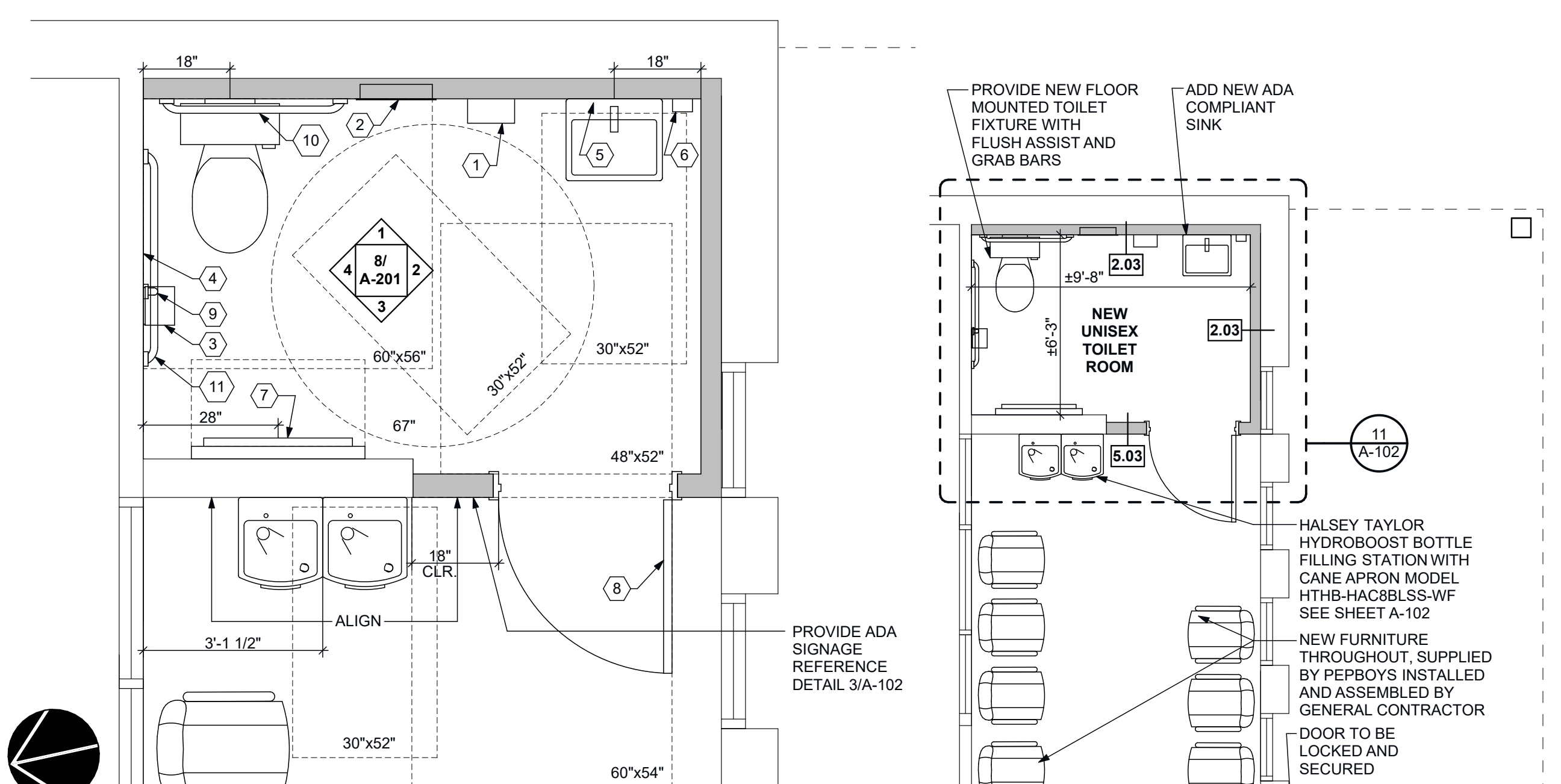
PROVIDE SIGNAGE WITH WHITE LETTERS OR SYMBOLS ON BLACK BACKGROUND COLOR, IN COMPLIANCE WITH CURRENT AMERICAN DISABILITIES ACT STANDARDS AND GUIDELINES.

LOCATE SIGN SO THAT A CLEAR FLOOR SPACE OF 18" (MIN) X 18" (MIN), CENTERED ON TACTILE CHARACTERS.

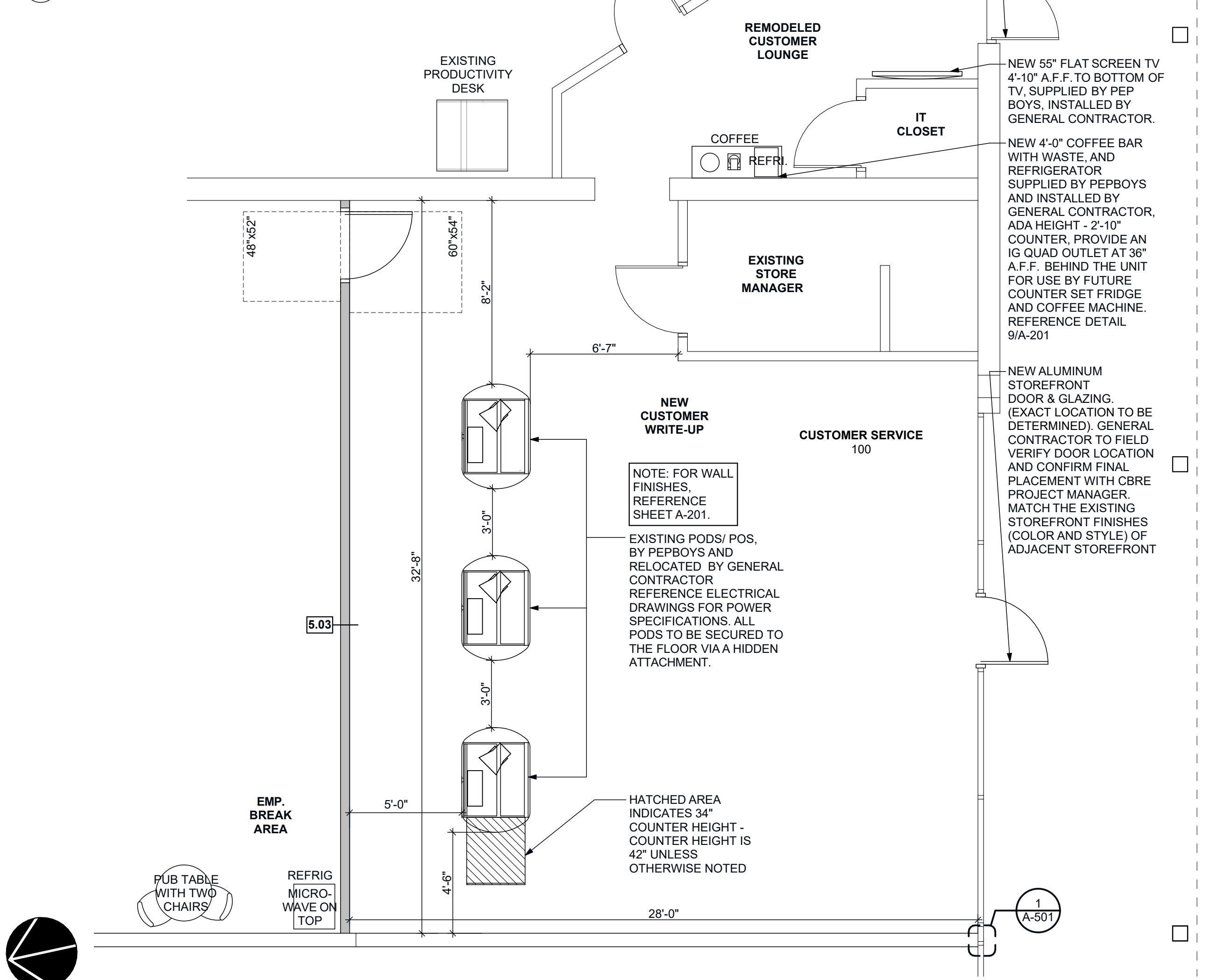
ENTRANCE SIGNAGE
 ALL BUILDINGS AND ENTRANCES THAT ARE ACCESSIBLE AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH A MINIMUM OF ONE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, UTILIZING THE SYMBOL, AT JUNCTIONS, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

RESTROOM DOOR SYMBOL
 PLACE RESTROOM DOOR SYMBOL 58" - 60" TO THE CENTERLINE OF THE SYMBOL. SIGN SHALL BE LOCATED WITHIN 1" OF THE CENTER OF VERTICAL CENTERLINE OF THE DOOR.

3 ACCESSIBILITY GRAPHICS
 NOT TO SCALE



11 ENLARGED TOILET ROOM PLAN
 SCALE: 1/2" = 1'-0"



1 ENLARGED FLOOR PLAN
 SCALE: 1/4" = 1'-0"



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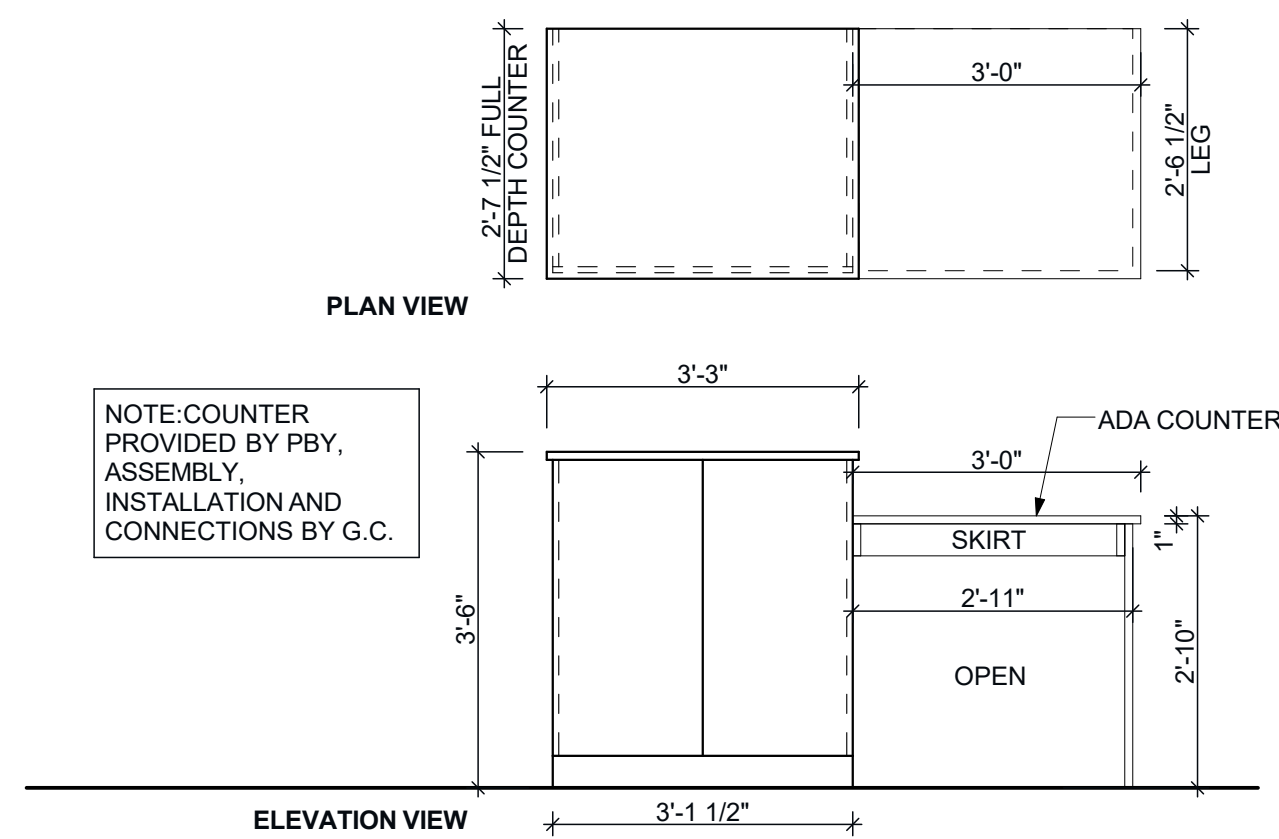
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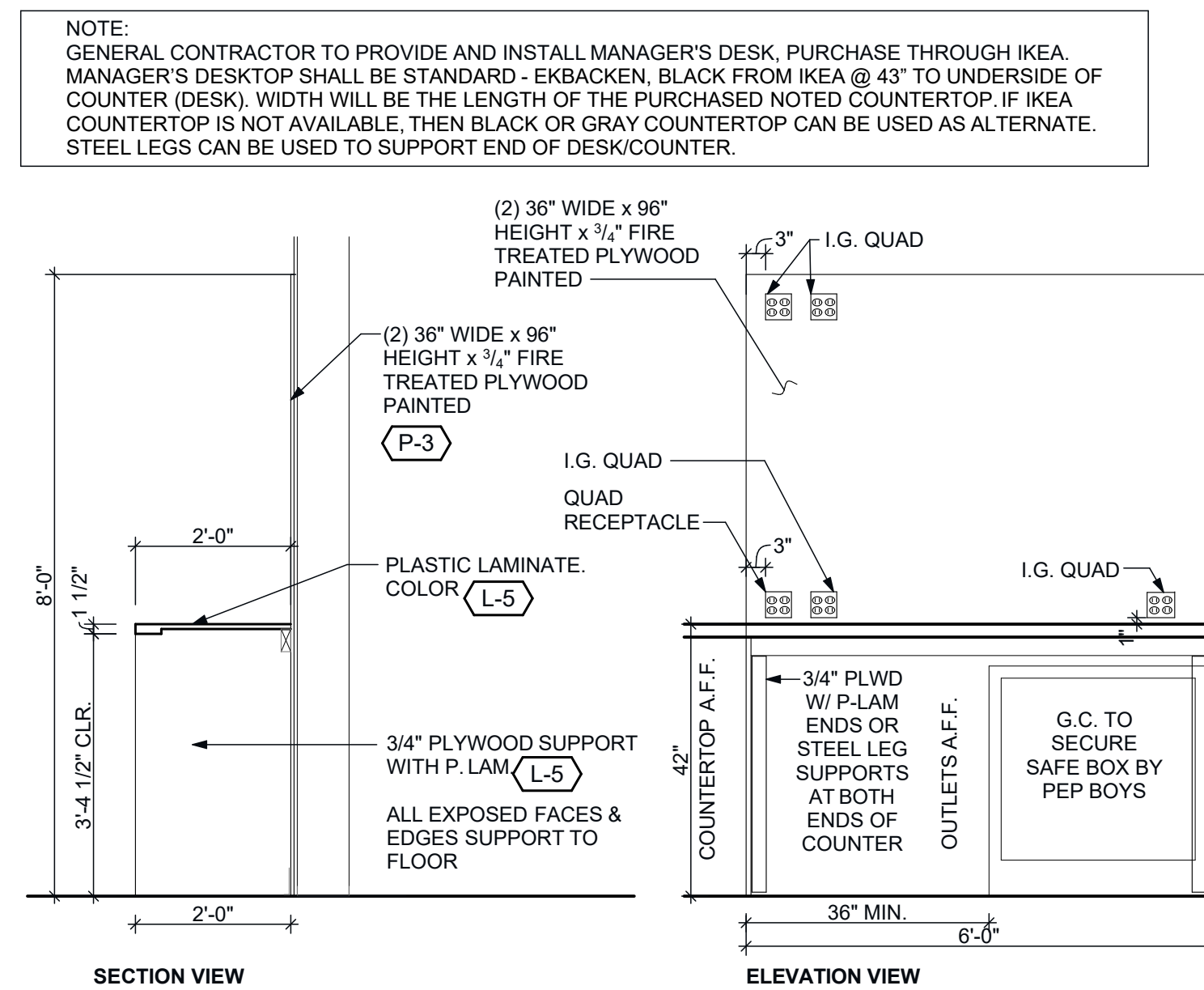
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DRAWING NAME + NUMBER
ENLARGED FLOOR & FIXTURE PLAN AND DETAILS

A-102



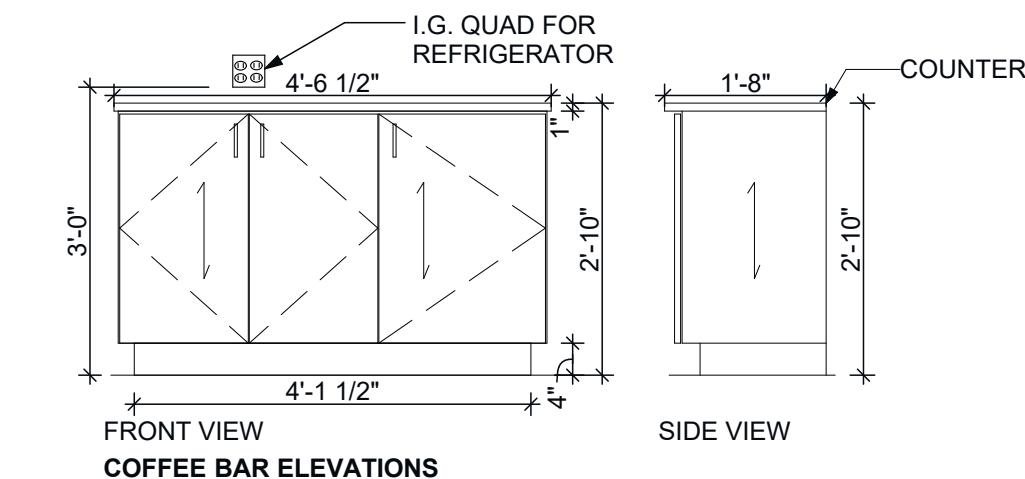
14 ACCESSIBLE POD DETAIL
SCALE: 1/2" = 1'-0"



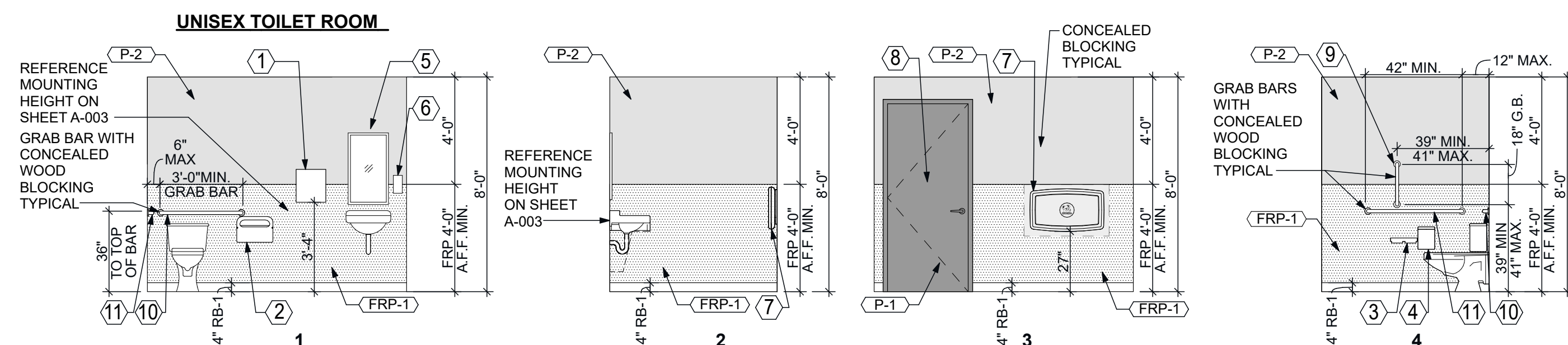
13 MANAGER'S DESK DETAILS
SCALE: 1/2" = 1'-0"

TOILET ROOM ACCESSORY SCHEDULE					
KEY	PRODUCT	MANUFACTURER	PRODUCT #	FINISH	NOTES
1	PAPER TOWEL HOLDER	TORK	551028A	BLACK	PROVIDED BY PEP BOYS, INSTALLED BY GENERAL CONTRACTOR
2	SEAT COVER DISPENSER	BOBRICK	B-221	STAINLESS-SATIN	PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
3	TOILET TISSUE DISPENSER	BOBRICK	B-76867	STAINLESS-SATIN	PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
4	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	STAINLESS-SATIN	ONLY REQUIRED IN WOMEN'S RESTROOM, PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
5	MIRROR	BOBRICK	B-165-1830	STAINLESS-SATIN	PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
6	SOAP DISPENSER	GOJO	800 SERIES 5W626	WHITE	PROVIDED BY PEP BOYS, INSTALLED BY GENERAL CONTRACTOR MOUNT CONTROL AT 48" ABOVE FINISH FLOOR MAXIMUM
7	BABY CHANGING STATION	KOALA	KB-300-01	GREY	PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
8	ROBE HOOK	BOBRICK	B-76717	STAINLESS-SATIN	MOUNT 48" ABOVE FINISH FLOOR PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
9	18" GRAB BAR	BOBRICK	B-6806 SERIES OR EQUAL	STAINLESS-SATIN	PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
10	36" GRAB BAR	BOBRICK	B-6806 SERIES OR EQUAL	STAINLESS-SATIN	PROVIDED AND INSTALLED BY GENERAL CONTRACTOR
11	42" GRAB BAR	BOBRICK	B-6806 SERIES OR EQUAL	STAINLESS-SATIN	PROVIDED AND INSTALLED BY GENERAL CONTRACTOR

- NOTES:
 1. GENERAL CONTRACTOR IS TO PROVIDE NEW GREENHECK EXHAUST FAN IF TOILET ROOM IS NEW.
 2. ALL NEW OR REPLACEMENT TOILETS ARE TO BE FLOOR MOUNTED TOILETS WITH FLUSH ASSIST.
 3. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD BLOCKING IN PARTITIONS FOR SUPPORT AS REQUIRED FOR ALL ACCESSORIES.



9 COFFEE BAR ELEVATIONS
SCALE: 1/2" = 1'-0"



8 TYPICAL TOILET ROOM ELEVATIONS
SCALE: 1/4" = 1'-0"

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (SPRINKLERED)			
USE GROUP	VERTICAL EXITS AND WALLS AND CEILINGS	EXIT ACCESS CORRIDORS AND OTHER EXITWAYS	ROOMS AND ENCLOSED SPACES
B	CLASS B	CLASS C	CLASS C
S	CLASS C	CLASS C	CLASS C

ALL INTERIOR FINISHES (FLOOR, WALL, CEILING) SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND SHALL MEET THE REQUIREMENTS OF 2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION TABLE 803.13 AND SECTION 804 FLOOR FINISH.

FINISH LEGEND

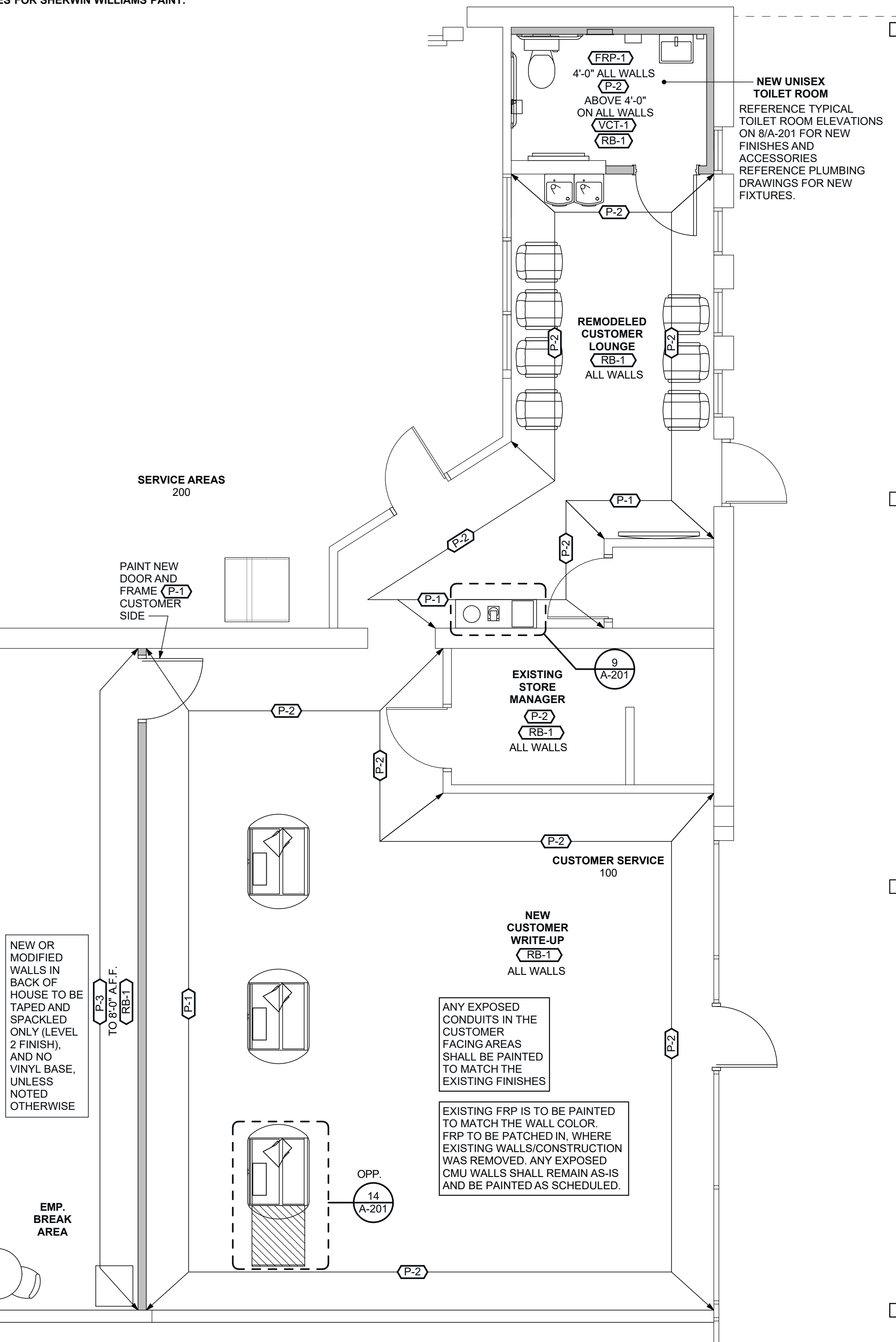
- VCT-1 OPTION 1: ARMSTRONG CLASSIC BLACK PART 51910031 (HOME DEPOT) SKU#688115
OPTION 2: ARMSTRONG CHARCOAL BLACK PART # 51915031 (LOWES)
- FRP-1 MARLITE, STANDARD FRP, P151 LIGHT GREY, SMOOTH FINISH
- L-5 PLASTIC LAMINATE - FORMICA '909-58 BLACK' FINISH-MATTE.
- P-1 PAINT, SHERWIN WILLIAMS "DOVETAIL" (SW 7018) FINISH: EGGSHELL, 2 COATS OVER PRIMER.
- P-2 PAINT, SHERWIN WILLIAMS "GOSSAMER VEIL" (SW 9165) FINISH: EGGSHELL, 2 COATS OVER PRIMER, TOILET ROOM FINISH: GLOSS, 2 COATS OVER PRIMER.
- P-3 PAINT, SHERWIN WILLIAMS "HIGH REFLECTIVE WHITE" (SW 7757) FINISH: EGGSHELL, 2 COATS OVER PRIMER.
- P-4 PAINT, SHERWIN WILLIAMS BLACK (SW 4090) FINISH: EGGSHELL, 2 COATS OVER PRIMER.
- RB-1 BLACK 4" VINYL COVE BASE.

NOTES:
 CONTRACTOR TO CONFIRM ALL FINISHES AND PAINT (INCLUDING PAINT TYPES) WITH PEP BOYS PROJECT MANAGER ALL PAINT - 2 COATS OVER PRIMER.

NO SUBSTITUTES FOR SHERWIN WILLIAMS PAINT.

GENERAL NOTES

- GENERAL CONTRACTOR TO PROVIDE ALTERNATE PRICING FOR FLOOR FINISHES IN CUSTOMER WRITE-UP AND CUSTOMER LOUNGE:
 A. CONCRETE POLISH TO 1800 GRIT WITH DENSIFIER & SEALER.
 B. VCT - ARMSTRONG - CLASSIC BLACK.
 REFERENCE FINISH LEGEND ON THIS SHEET.
- ALL EXISTING WALL SURFACES TO BE PAINTED MUST BE REPAIRED, PATCHED, SANDED, AND PRIMED TO RECEIVE NEW PAINT.
- WHERE EXISTING ELECTRICAL AND/OR AIR LINES ARE LOCATED SURFACE MOUNTED ON WALL IN CUSTOMER AREA OR PUBLIC SPACE IN GENERAL CONTRACTOR SHALL FURR OUT (7/8" METAL HAT CHANNELS & 5/8" GYPSUM BOARD WITH WALL BASE) THE EXPOSED LINES ON THE EXISTING WALLS.
- LOCATIONS WHERE EXISTING RESTROOMS ARE TO REMAIN, GENERAL CONTRACTOR SHALL "REFRESH" RESTROOM WITH NEW PAINT AND PROVIDE MISSING RESTROOM ACCESSORIES FROM ACCESSORY SCHEDULE (TYPICAL).



1 ENLARGED FINISH PLAN
SCALE: 1/4" = 1'-0"



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PEPBOYS AUTO SERVICE & TIRES

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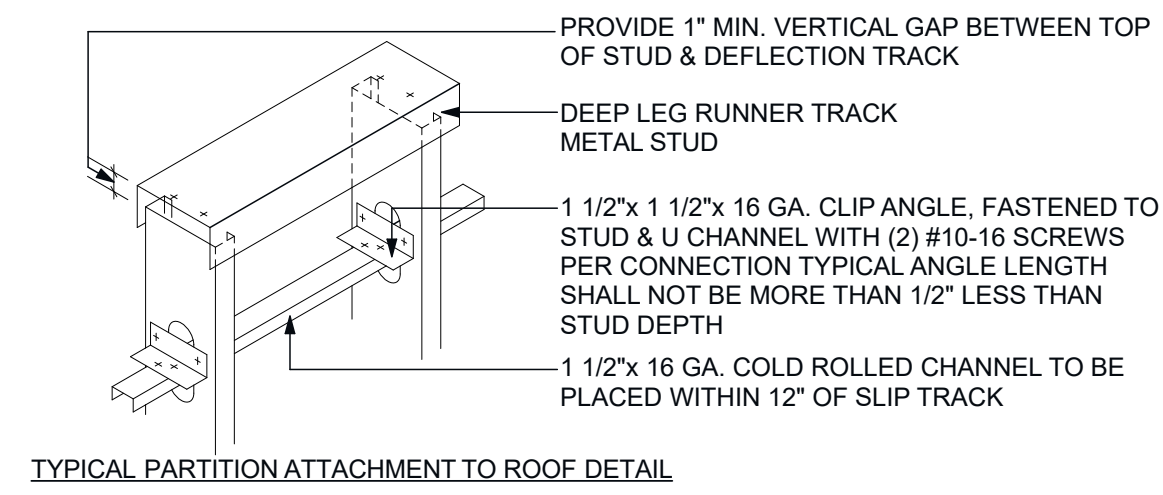
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INTERIOR ELEVATIONS & WALL FINISH PLAN

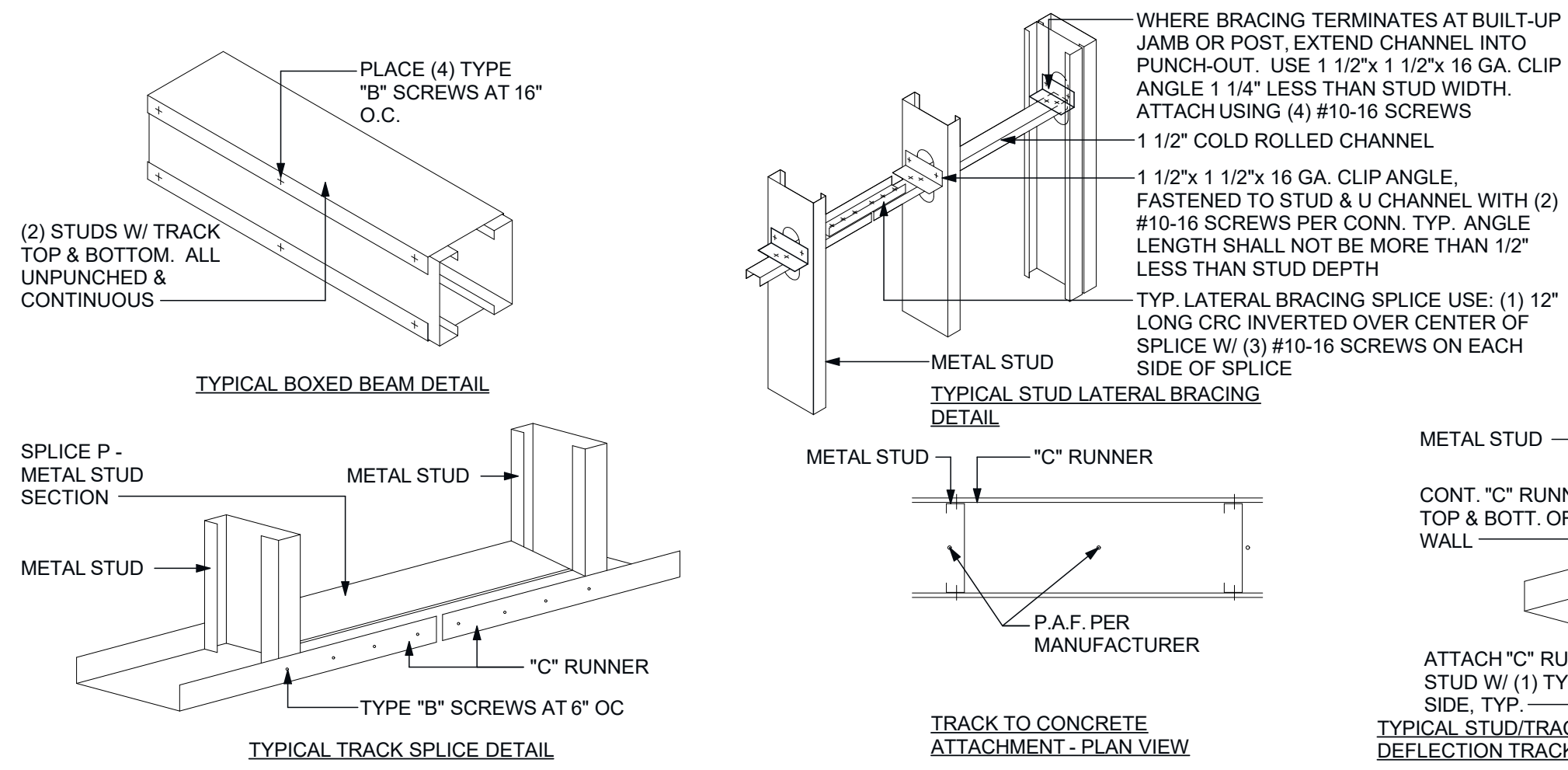
A-201

METAL STUD ATTACHMENT SCHEDULE	METAL SCREW SCHEDULE
1. ALL 6" TO 6" METAL STUDS USE (5) TYPE "B" SCREWS.	SCREW TYPE "A" = 12-24x1 1/4" HWH TEK S/5
2. ALL 6" TO 3 5/8" METAL STUDS USE (4) TYPE "B" SCREWS.	SCREW TYPE "B" = 10-16x3/4" HWH TEK S/1
3. ALL 3 5/8" TO 3 5/8" METAL STUDS USE (4) TYPE "B" SCREWS.	SCREW TYPE "C" = 12-14x3/4" HWH TEK S/1
4. SEE SCHEDULE FOR SCREW SIZES.	ALL SCREWS BY BUILDING FASTENERS INC. OR EQUAL.

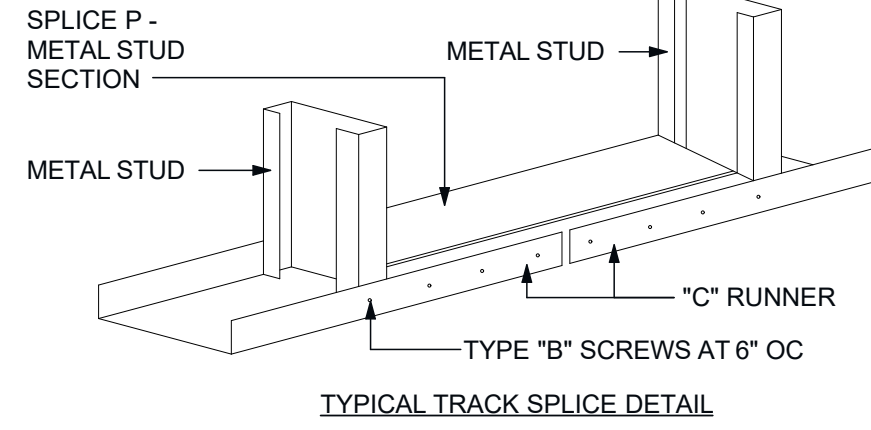
NOTE: SEE DEFLECTION TRACK DETAILS FOR CONFIGURATION OF DEEP LEG DEFLECTION TRACKS



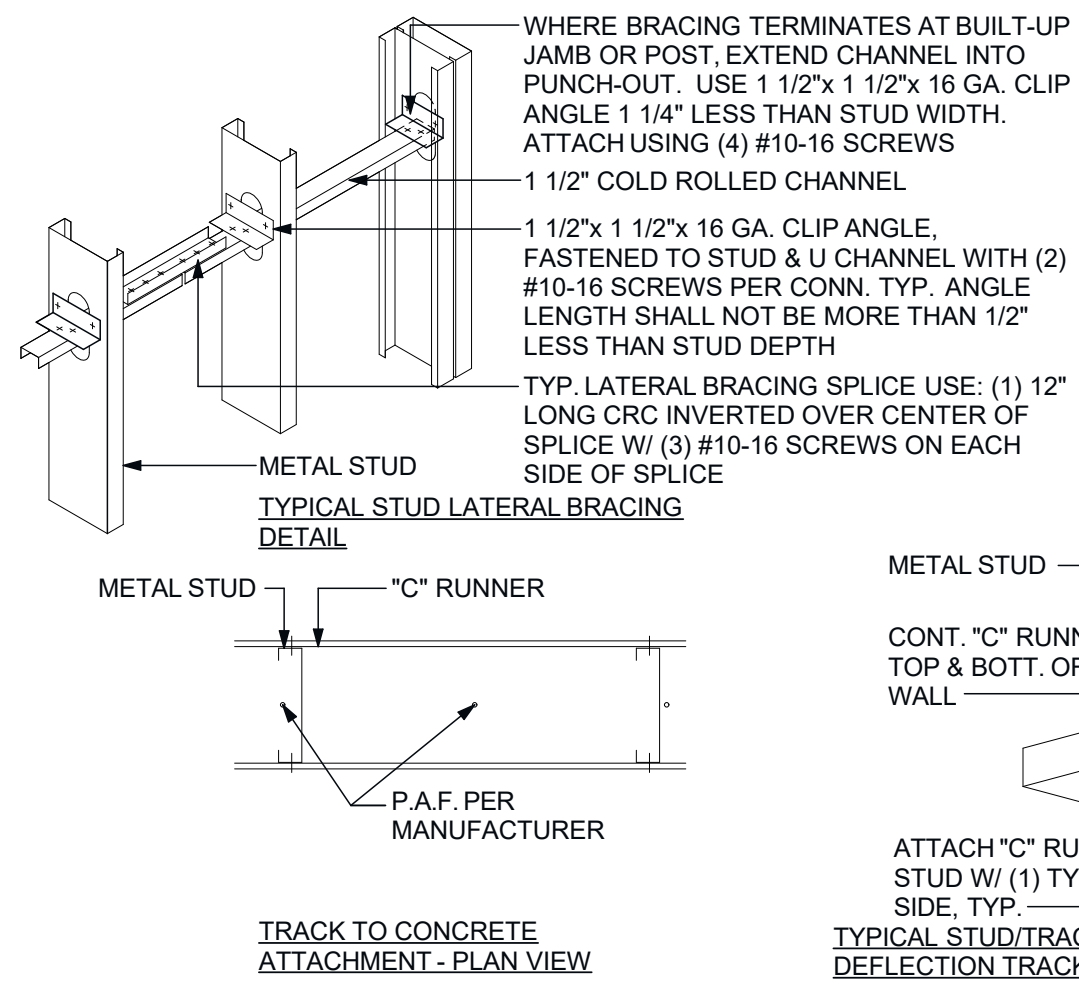
TYPICAL PARTITION ATTACHMENT TO ROOF DETAIL



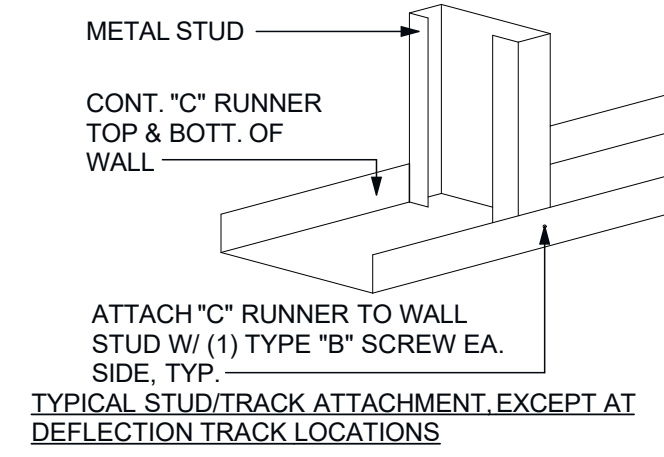
TYPICAL BOXED BEAM DETAIL



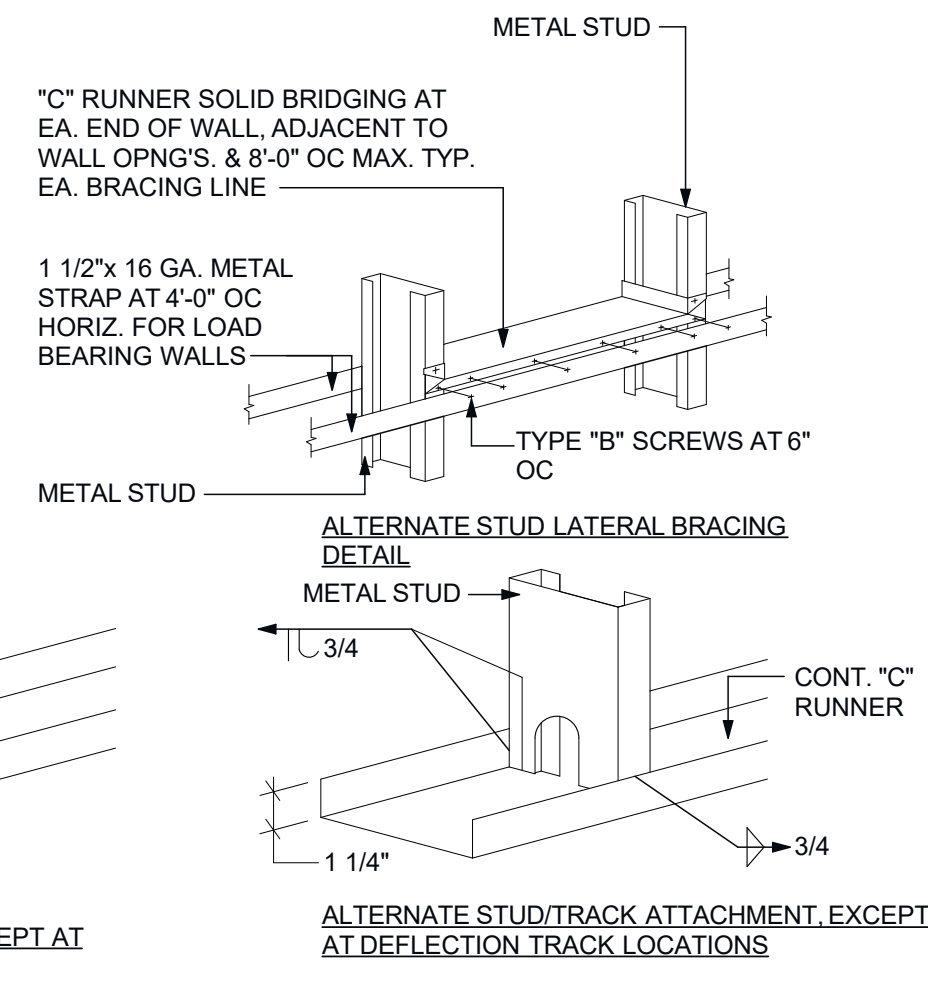
TYPICAL TRACK SPLICE DETAIL



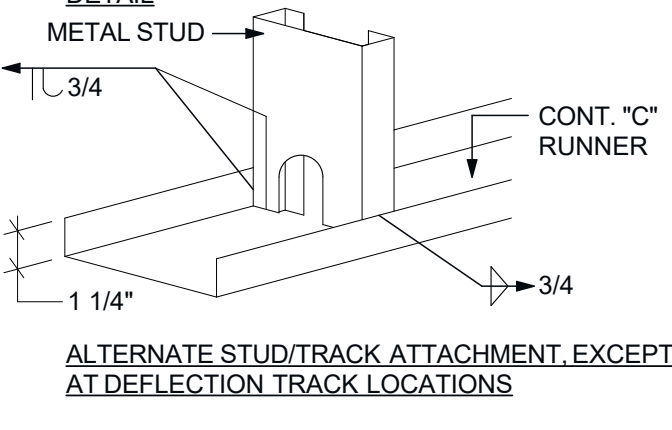
TRACK TO CONCRETE ATTACHMENT - PLAN VIEW



TYPICAL STUD/TRACK ATTACHMENT, EXCEPT AT DEFLECTION TRACK LOCATIONS



ALTERNATE STUD LATERAL BRACING DETAIL

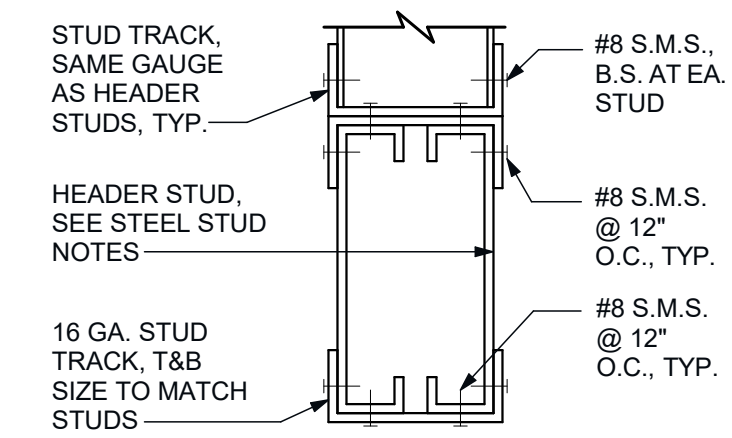
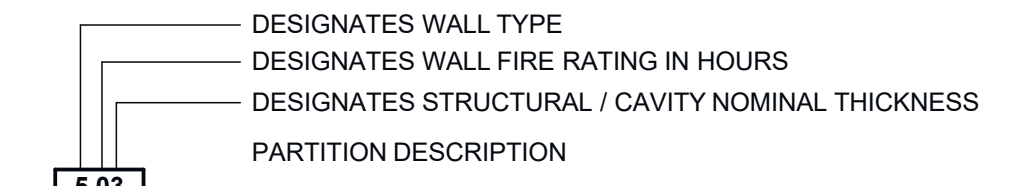


ALTERNATE STUD/TRACK ATTACHMENT, EXCEPT AT DEFLECTION TRACK LOCATIONS

GENERAL NOTES

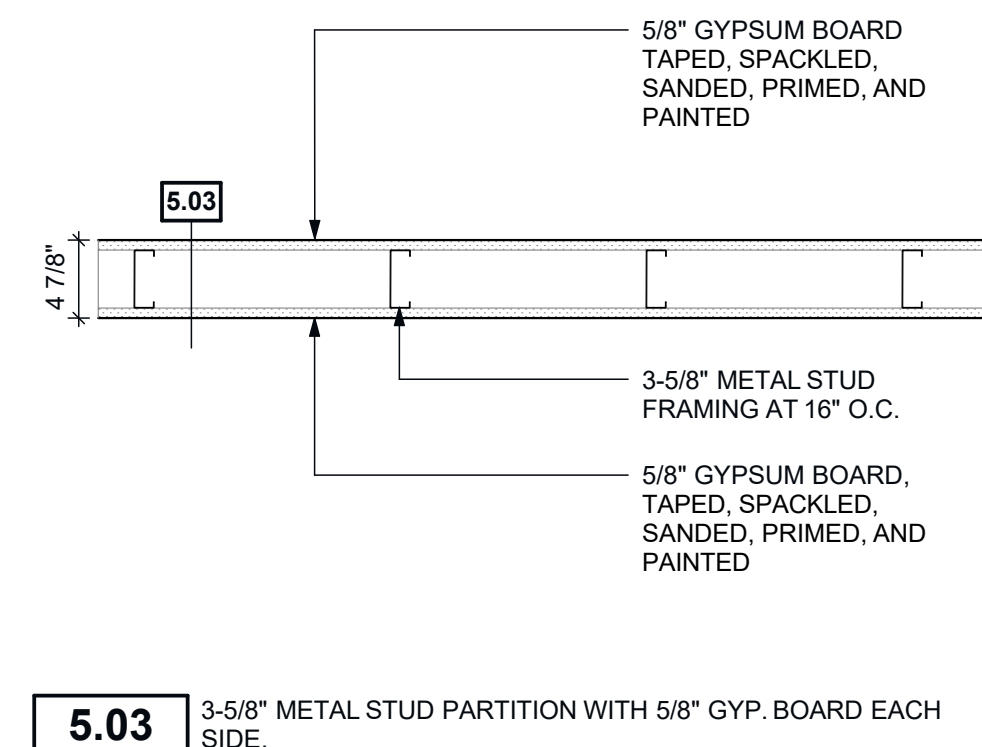
- CEILING CONDITIONS ARE SCHEMATIC AND TYPICAL WALL PARTITION TYPES MAY VARY IN RELATION TO THE CEILING TYPES WITH WHICH THEY ARE SHOWN. RE: RCP.
- STAGGER ALL JOINTS IN GYPSUM WALL BOARD ASSEMBLIES.
- ALL PIPING SHALL BE PLACED ON THE WARM SIDE OF CHASE WALLS ADJACENT TO UNHEATED SPACES.
- COMPLETE WALL FINISHES ARE NOT SHOWN ON THIS SHEET, AND WALL FINISHES VARY IN RELATION TO THE PARTITION TYPES WITH WHICH THEY MAY BE SHOWN.
- AT ALL TILED SURFACES, PROVIDE 5/8" GLASS MESH MORTAR UNITS PER SPECIFICATIONS OF TYPICAL FIRE RATED GWB.
- WHERE WALL OR FLOOR ASSEMBLIES OF DIFFERING FIRE RESISTANCE RATINGS ADJOIN, MAINTAIN THE INTEGRITY OF THE HIGHER RATED ASSEMBLY.
- PROVIDE BLOCKING WHERE REQUIRED AND/OR WHERE SHOWN FOR SECURE ATTACHMENT OF ALL TRIM, RAILINGS, GRAB BARS, CABINETS, DOOR/WINDOW FRAMES, TOILET ACCESSORIES, ETC.
- MAINTAIN THE INTEGRITY OF RATED PARTITIONS AT INTERSECTION WITH UNRATED PARTITIONS.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD AS REQUIRED AT ALL WET AREAS.

WALL LABEL DESCRIPTION

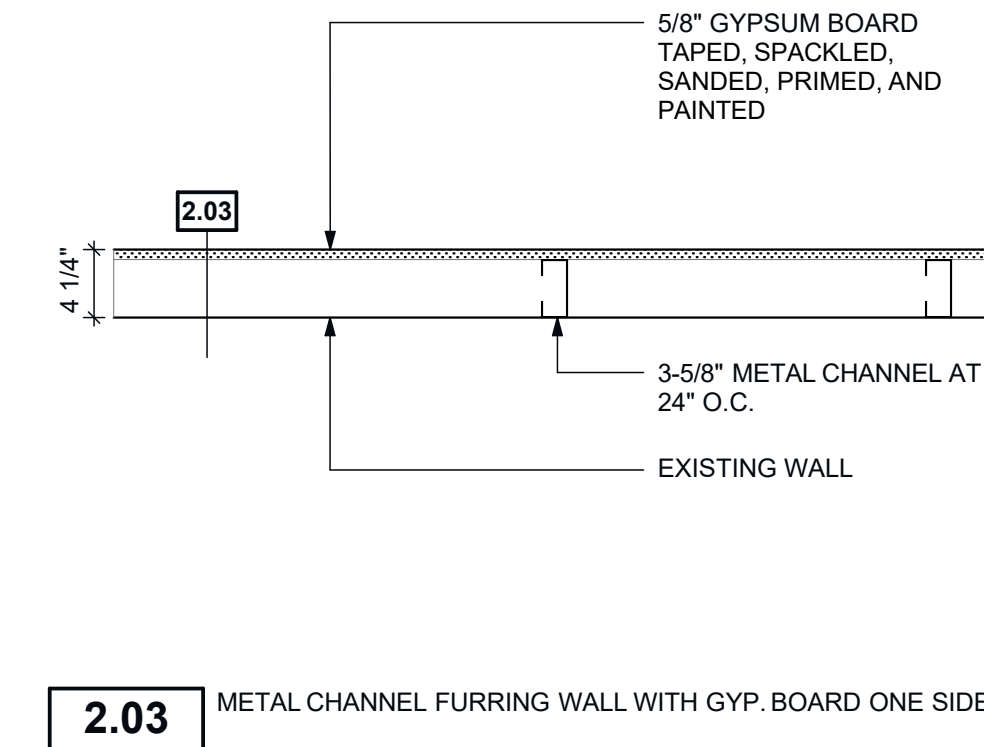


TYP. STUD HEADER DETAIL

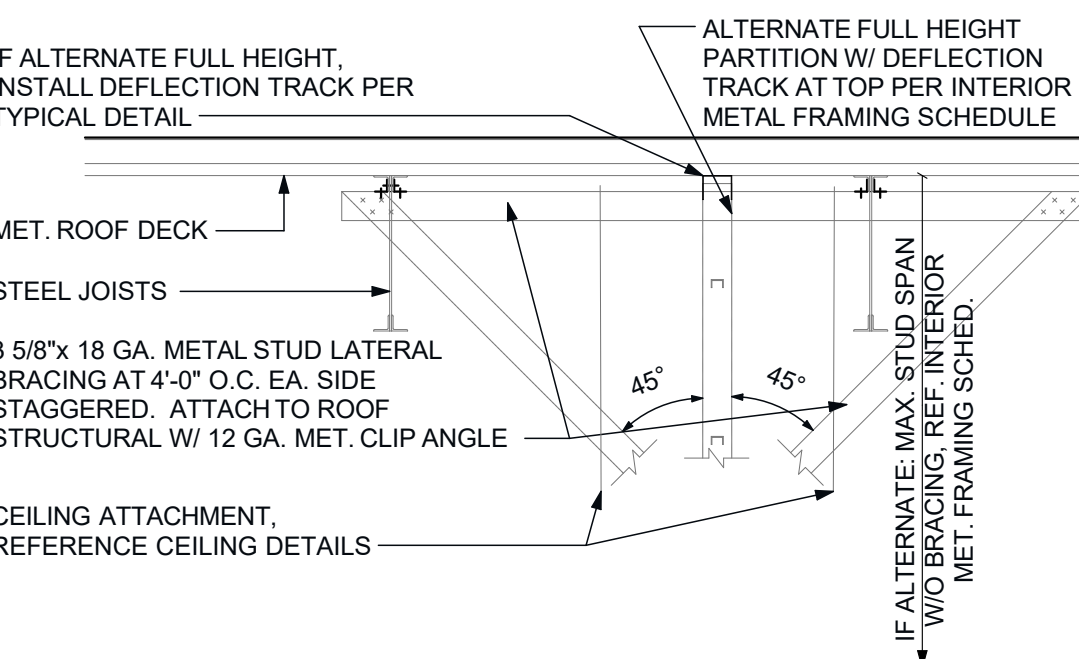
16 TYPICAL COLD FORM STEEL FRAMING DETAILS
SCALE: 3/8" = 1'-0"



5.03 PARTITION 5.03
SCALE: 1" = 1'-0"



2.03 PARTITION 2.03
SCALE: 1" = 1'-0"



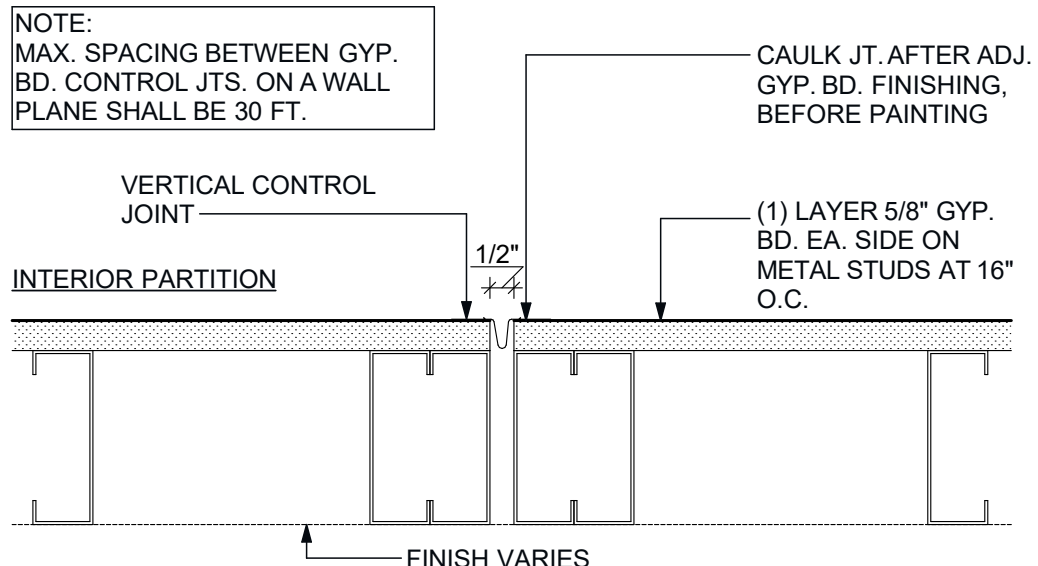
9 PARTITION ATTACH. TO JOISTS OR DECK
SCALE: 1/2" = 1'-0"

8 STEEL HEADER FRAMING PROPERTIES
SCALE: 1 1/2" = 1'-0"

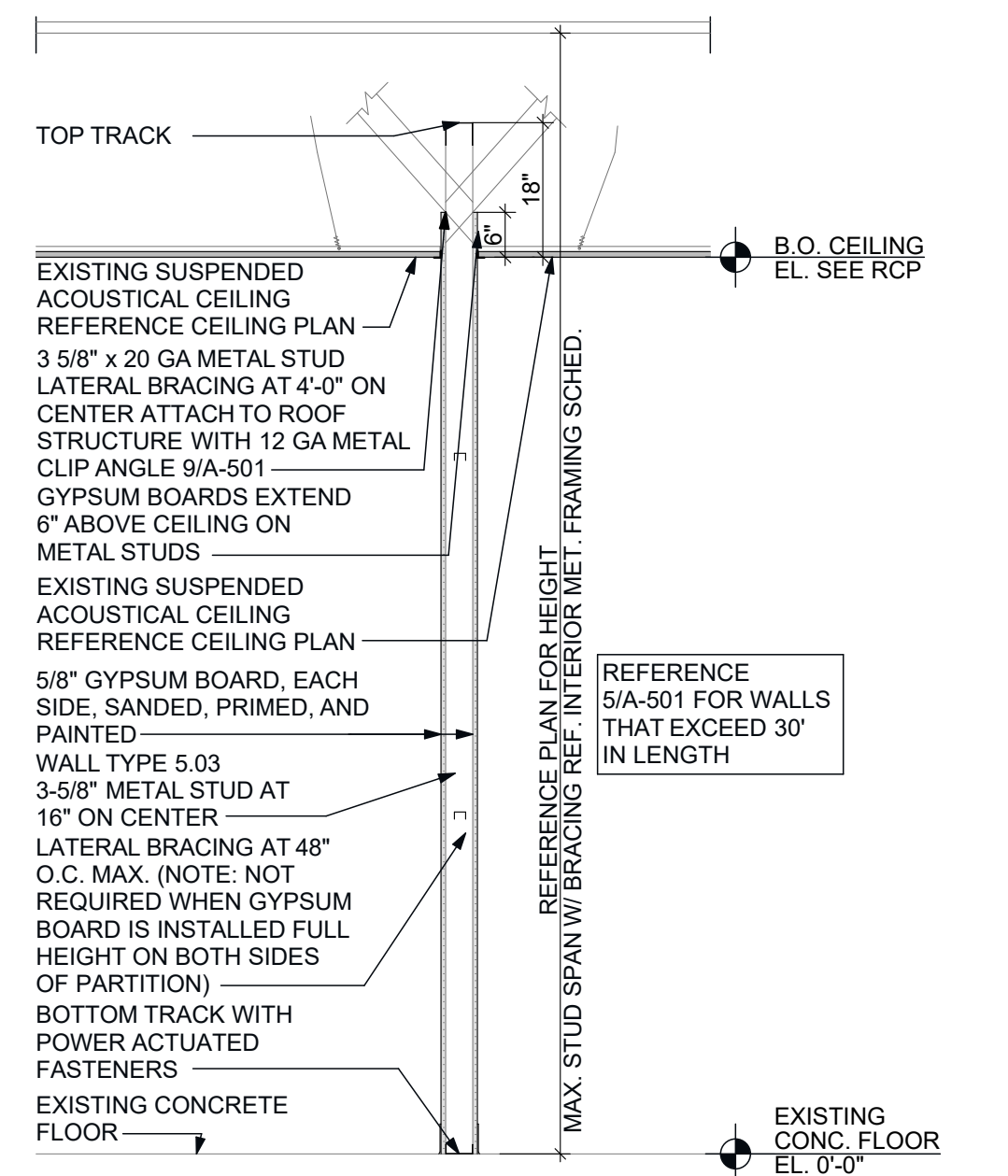
TYPE	A (IN)	B (IN)	C (IN)	THICKNESS	AREA (IN ²)	S _x (IN ³)	I _x (IN ⁴)	MAX. LENGTH
8" HEADER STUD	8	2	5/8"	0.0713 (14 GAUGE)	0.907	1.964	8.14	20'-0"
6" HEADER STUD	6	1-3/8"	3/8"	0.0566 (16 GAUGE)	0.514	0.809	2.518	14'-0"
3-5/8" WALL STUD	3-5/8"	1-3/8"	3/8"	0.033 MIN (20 GAUGE)	0.238	0.254	0.479	SEE ELEV.
6" WALL STUD	6	1-3/8"	3/8"	0.033 MIN (20 GAUGE)	1.08	0.527	1.582	SEE ELEV.

NOTES:
1. ALL PROPERTIES SHOWN ABOVE ARE MINIMUM.
2. STUD AND JOIST DESIGNATIONS ARE PER STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).

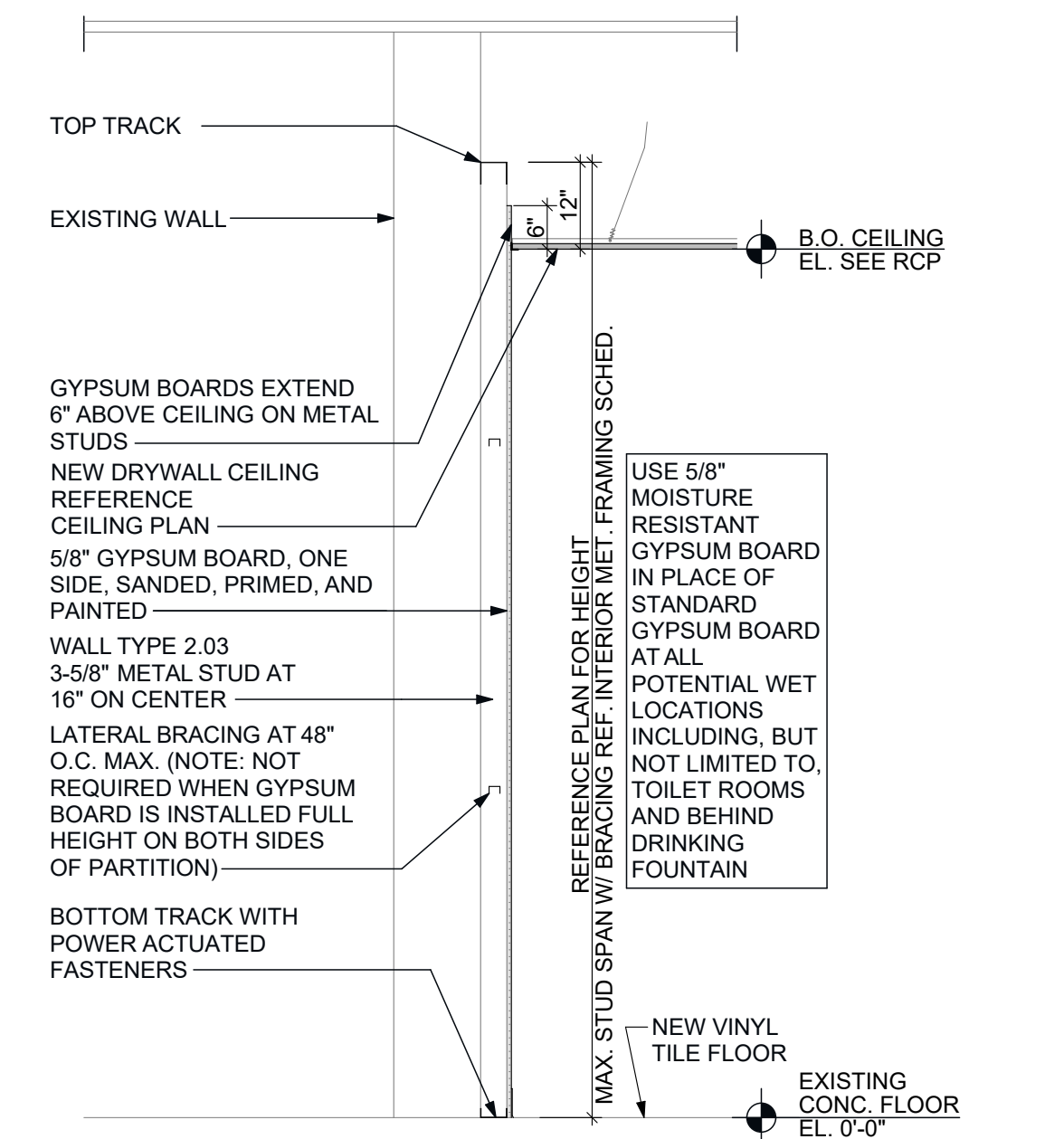
8 STEEL HEADER FRAMING PROPERTIES
SCALE: 1 1/2" = 1'-0"



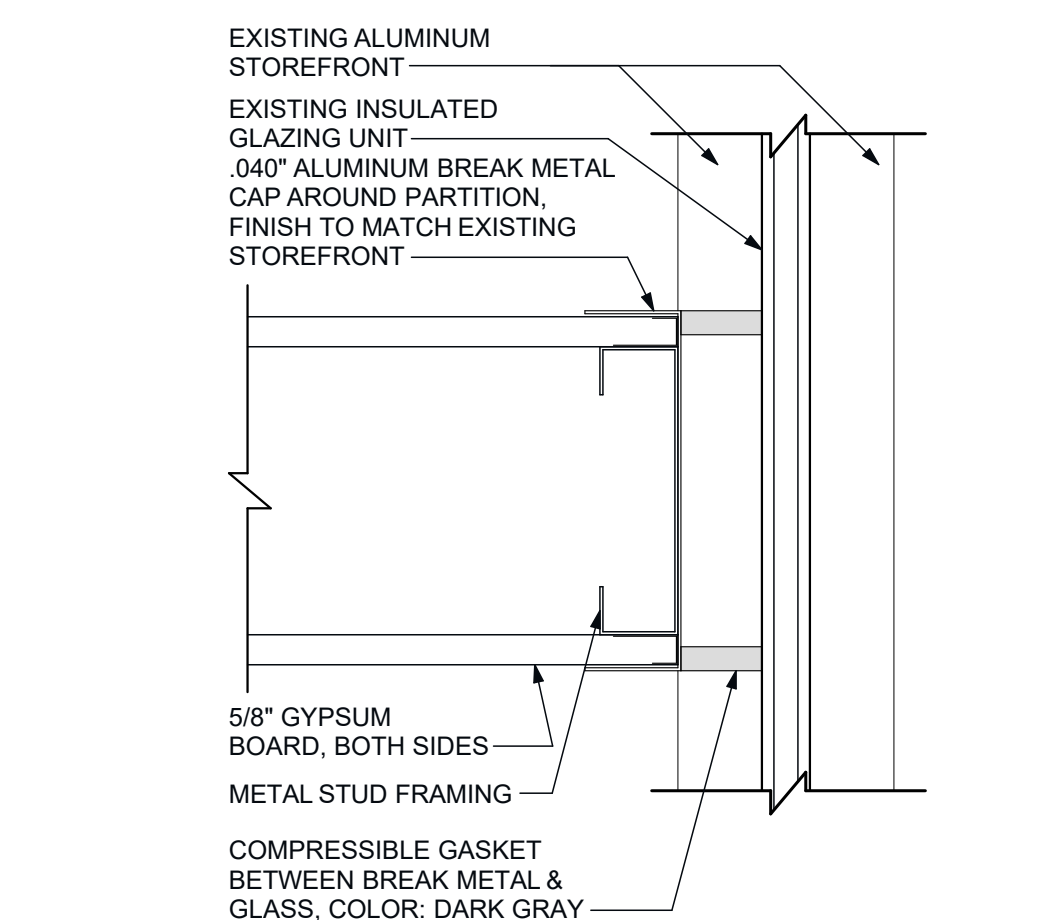
5 GYP. WALL CONTROL JOINT DETAIL
SCALE: 3" = 1'-0"



4 PARTITION 5.03 SECTION
SCALE: 1/2" = 1'-0"



3 PARTITION 2.03 SECTION
SCALE: 1/2" = 1'-0"



1 DEMISING WALL TO EXISTING STOREFRONT DETAIL
SCALE: 3" = 1'-0"



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DETAILS

A-501

GLAZING NOTES

NOTE: GLASS SHALL BE TEMPERED WHERE INDICATED WITH "T.G." OR "T.I.G." AND IN ACCORDANCE WITH APPLICABLE BUILDING CODE

T.G. = TEMPERED GLASS.

T.I.G. = TEMPERED, INSULATING GLASS.

I.G. = INSULATING, ANNEALED GLASS.

TEMPERED GLASS REQUIRED: GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.

GLASS IN STOREFRONT MEETING ALL OF THE FOLLOWING SHALL BE TEMPERED IN ACCORDANCE WITH BUILDING CODE:

- (1) EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SF;
- (2) EXPOSED BOTTOM EDGE LESS THAN 18" ABOVE FLOOR;
- (3) EXPOSED TOP EDGE GREATER THAN 36" ABOVE FLOOR; AND
- (4) ONE OR MORE WALKING SURFACES WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING.

EACH GLAZING LITE SHALL BEAR THE MANUFACTURER'S LABEL, DESIGNATING THE TYPE AND THICKNESS OF THE GLASS.

DOOR GENERAL NOTES

1. GENERAL CONTRACTOR TO VERIFY ALL EXISTING AND NEW DOORS COMPLY WITH THE BELOW CODE ITEMS AND ALL APPLICABLE CODE REQUIREMENTS. REPLACE ANY EXISTING EXIT DOORS OR MODIFY AND EXISTING BUILDING OR SITE ELEMENTS TO BRING THE DOOR INTO COMPLIANCE.
2. ALL EXIT DOORS SHALL COMPLY WITH 2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION SECTION 1010
 - A. CLEAR WIDTH OF EACH DOOR OPENING SHALL BE MIN. 32" OR PER SECTION 1010.1.1, WHICHEVER IS GREATER.
 - B. MIN. DOOR HEIGHT OF 80"
 - C. SHALL BE CAPABLE OF OPENING 90 DEGREES.
 - D. EXIT DOOR SHALL BE SIDE HINGED SWINGING TYPE.
3. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED .50" IN HEIGHT. 2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION SECTION 1010.1.6
4. FLOORS AND LANDINGS ON EACH SIDE OF DOORS TO HAVE THE SAME ELEVATION. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS (MAX 2% SLOPE). 2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION SECTION 1010.1.4
5. LANDING WIDTH AT DOORS MUST HAVE A MIN. CLEAR DIMENSION OF DOORS SERVED. MIN. LENGTH OF SUCH LANDINGS IS 44". 2021 INTERNATIONAL BUILDING CODE NEW JERSEY EDITION SECTION 1010.1.5
6. THE MAX. ALLOWABLE FORCE FOR OPENING (PULL OR PUSH) A DOOR (OTHER THAN A FIRE DOOR) SHALL NOT EXCEED 5 LBS WHEN FORCE IS APPLIED TO THE LATCH SIDE OF THE DOOR. THE MAX FORCE TO RETRACT THE LATCH OR OTHER DEVICE USED TO HOLD DOOR IN A CLOSED POSITION SHALL NOT EXCEED 15 LBS. THE DOOR SHALL SWING TO FULLY OPEN POSITION WHEN A 15 LB FORCE IS APPLIED.
7. ALL EXIT DOORS SHALL BE EQUIPPED WITH AN APPROVED EXIT DEVICE THAT ALLOWS THE DOORS TO BE FREELY OPENED FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
8. ALL OPERABLE DOOR HARDWARE SHALL BE LOCATED BETWEEN 34" AND 44" AFF.
9. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED FOR THE DOOR TO CLOSE UNASSISTED TO THE POSITION OF 12 DEGREES SHALL BE 5 SECONDS (MINIMUM).

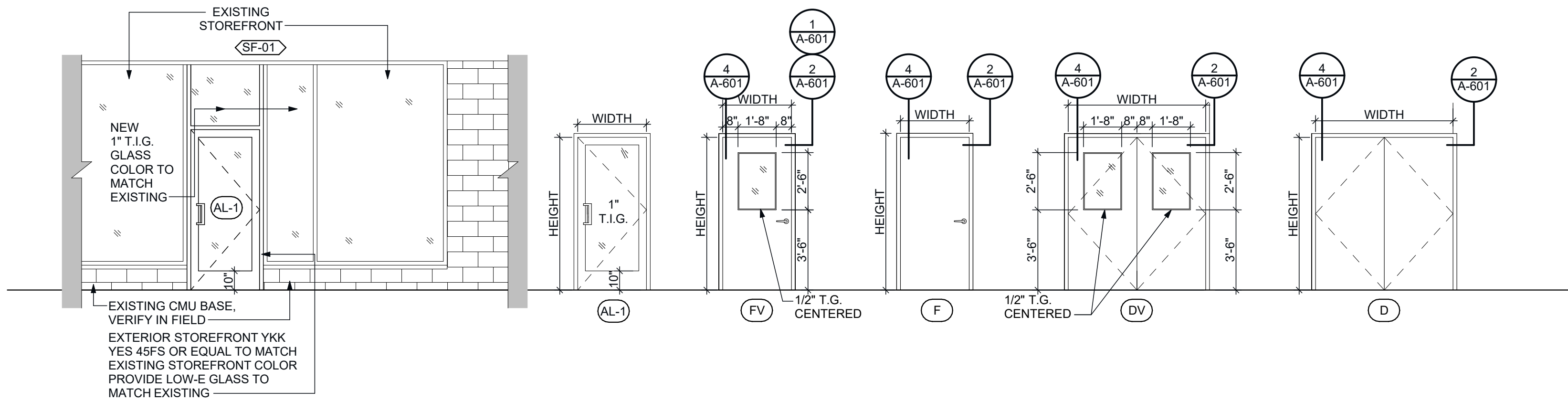
DOOR HARDWARE SCHEDULE

FINISH: UNLESS OTHERWISE SPECIFIED, ALL FINISH HARDWARE SHALL BE FURNISHED WITH FINISH EQUIVALENT TO US26D (BHMMA 626), SATIN CHROMIUM PLATED. PLATES SHALL BE FURNISHED WITH FINISH EQUIVALENT TO US32D, SATIN STAINLESS STEEL. DOOR CLOSERS SHALL BE FURNISHED WITH FINISH EQUIVALENT TO SILVER ALUMINUM LACQUER, UNLESS OTHERWISE SPECIFIED.

HW SET#	QTY	MFR.	MODEL #	DESCRIPTION
1 HARDWARE SET: SINGLE H.M. INTERIOR DOOR (BETWEEN STORAGE AREA & CUSTOMER LOUNGE, BETWEEN SERVICE AREA AND CUSTOMER AREA):				
1.5PR	H	BB1279-	4.5"x4.5"	FULL MORTISE HINGES
1	B	9K3-0N14D-S3-626		PASSAGE LEVER
1	N	(P)1601xAL		PARALLEL ARM CLOSER
1	I	8400S32DxB4E		KICKPLATE 30"x34" (PUSH SIDE)
3	I	SR64		SILENCERS
2 HARDWARE SET: SINGLE AL. EXTERIOR STOREFRONT DOOR (STOREFRONT ENTRANCE):				
1		THRESHOLD, PULL, PULL/PUSH, HINGES, FURNISHED BY ALUMINUM ENTRANCE DOOR MANUFACTURER		
1. ALL OTHER DOOR FINISH HARDWARE SHALL BE FURNISHED BY ALUMINUM DOOR MANUFACTURER/INSTALLER				
3 HARDWARE SET: H.M. INTERIOR DOOR (AT SINGLE-USER TOILET ROOM):				
1.5PR	H	BB1279-	4.5"x4.5"	FULL MORTISE HINGES
1	B	93K0L-15D-S3-626		PRIVACY LEVERSET
1	N	CPS1601AL		CLOSER PLUS SPRING ARM (TOILET ROOM SIDE) *INSTALL WITH 90-DEGREE MAX OPEN
1	R	433 (625 FINISH)		FLOOR MOUNTED DOOR STOP
1	I	8400S32DxB4E		KICKPLATE 10"x34" (PUSH SIDE)
3	I	SR64		SILENCERS
4 HARDWARE SET: DOUBLE H.M. INTERIOR DOOR (BETWEEN STORAGE AREA & SERVICE AREA)				
2PR (each)	H	BB1279-	4.5"x4.5"	FULL MORTISE HINGES
2	N	(P)1601xAL		PARALLEL ARM CLOSER
2	I	8400S32DxB4E		KICKPLATE 30"x34" (PUSH SIDE)
2	R	555 US26D		FLOOR DOOR STOP
6	I	SR64		SILENCERS
2	R	70C 4x16		PUSH PLATE
2	R	BF110X70C 4x16		DOOR PULL
4A HARDWARE SET: SINGLE H.M. INTERIOR DOOR (BETWEEN STORAGE AREA & SERVICE AREA)				
1.5PR	H	BB1279-	4.5"x4.5"	FULL MORTISE HINGES
1	N	(P)1601xAL		PARALLEL ARM CLOSER
1	I	8400S32DxB4E		KICKPLATE 30"x34" (PUSH SIDE)
1	R	555 US26D		FLOOR DOOR STOP
3	I	SR64		SILENCERS
1	R	70C 4x16		PUSH PLATE
1	R	BF110X70C 4x16		DOOR PULL
4B HARDWARE SET: DOUBLE H.M. INTERIOR DOOR (LOADING CORRIDOR)				
6	H	BB1279 4.5"x4.5" -US32D		FULL MORTISE HINGES (SAFETY STUDS)
1	B	- 626		BRASS CONSTRUCTION CORE
2	LCN	4040xALxCUSH-889		PARALLEL ARM CLOSER (INT. SIDE)
1	I	COR52x28xFL20-US26D		DOOR COORDINATOR WITH FILLER BAR
1	I	FB31P-US32D		AUTOMATIC FLUSH BOLTS (INACTIVE LEAF)
2	I	8400S32DxB4E		KICKPLATE 30"x34" (INTERIOR SIDE)
2	I	FS444 - US26D		FLOOR DOOR STOP
6	I	SR64 - GRY		SILENCERS
1	B	93K7-D-15D-S3 - 626		LEVERSET (STOREROOM)
1	P	357SP - SP		ASTRAGAL
2	P	29326-NB-BSP		DOOR SWEEP
1	-	-		DOOR VIEWER
5 HARDWARE SET: SINGLE H.M. INTERIOR DOOR (OFFICE)				
1.5PR	H	BB1279-	4.5"x4.5"	FULL MORTISE HINGES
1	B	-		STOREROOM FUNCTION LEVER
1	N	(P)1601xAL		PARALLEL ARM CLOSER
1	I	8400S32DxB4E		KICKPLATE 30"x34" (PUSH SIDE)
3	I	SR64		SILENCERS
1	-	-		WALL STOP
6 HARDWARE SET: H.M. EXTERIOR DOOR (EGRESS FUNCTION):				
1.5PR	H	BB1279-	4.5"x4.5" SS	FULL MORTISE HINGES W/ SECURITY SAFETY STUD
1	Y	2100-36xE0		EXIT DEVICE
1	N	(P)1681BFxAL		PARALLEL ARM CLOSER
1	I	8400S32DxB4E		KICKPLATE 10"x34" (PUSH SIDE)
1	I	LG13		LOCK GUARD
1	Z	566A		ALUMINUM SADDLE THRESHOLD W/ NEOPRENE GASKET
1 SET	Z	139A		WEATHERSTRIPPING, MILL FINISH
1	Z	39		DOOR SWEEP, MILL FINISH
1	Z	142		WATER SHED/D RIP CAP
7 HARDWARE SET: ADD PANIC HARDWARE TO EXISTING STOREFRONT DOOR (CUSTOMER LOUNGE):				
1	Y	2100-36xE0		EXIT DEVICE

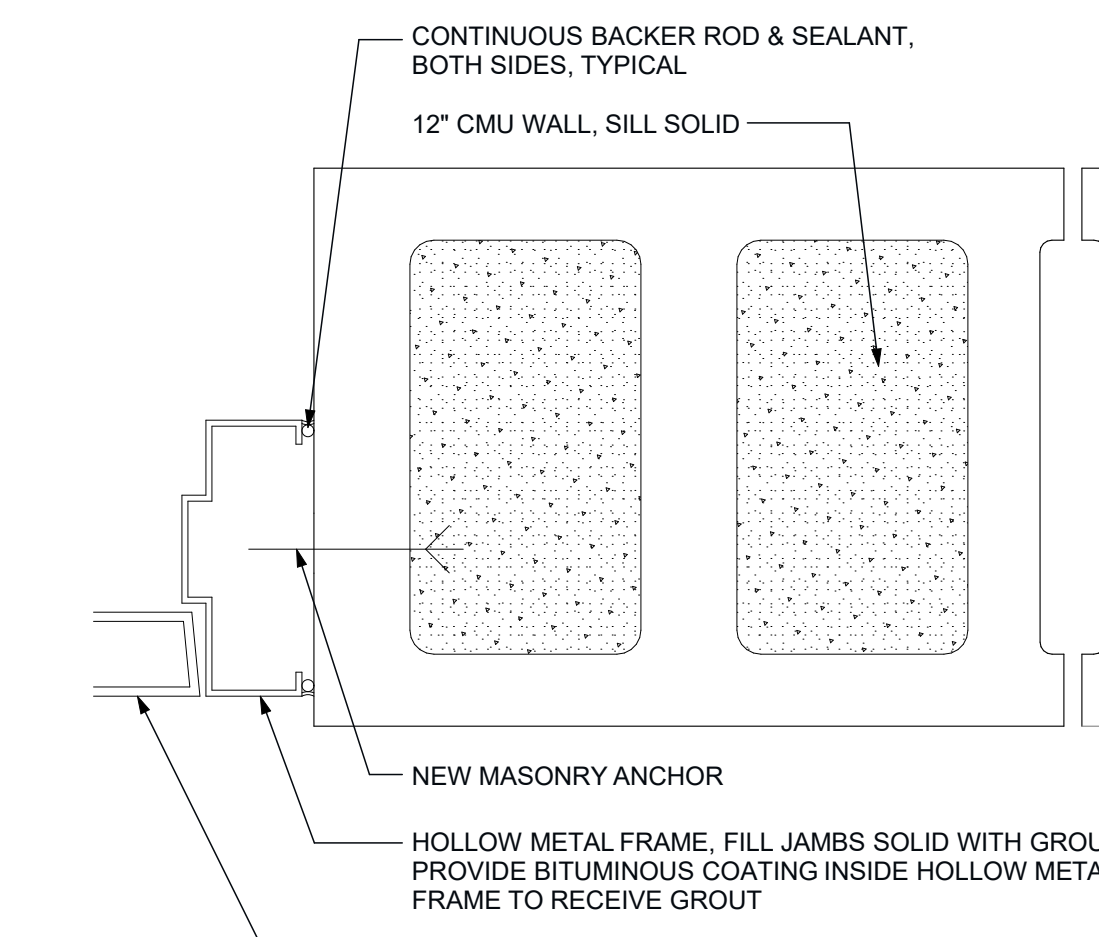
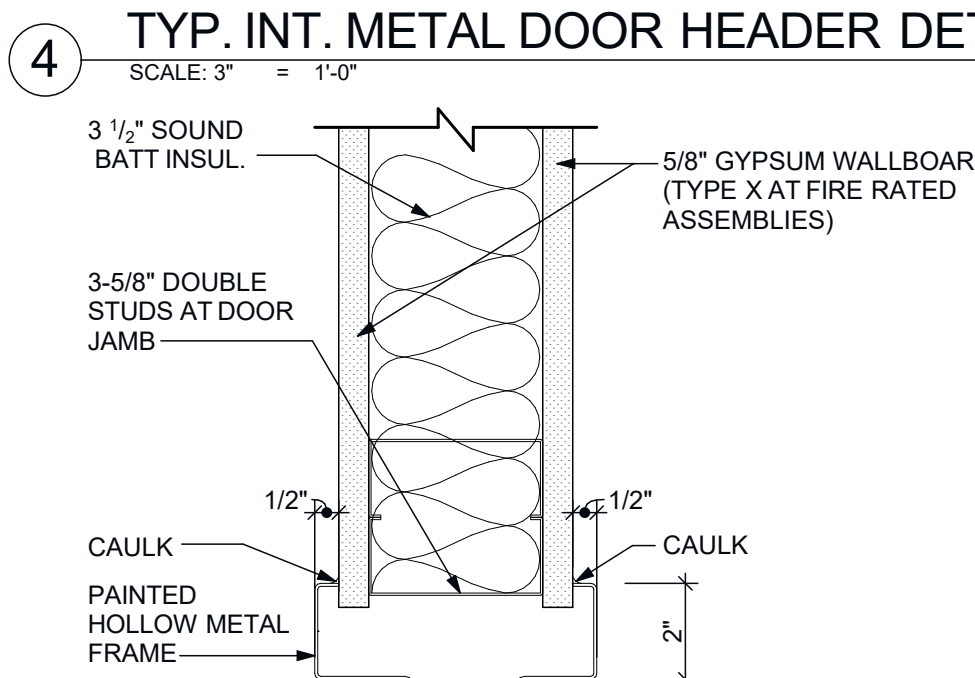
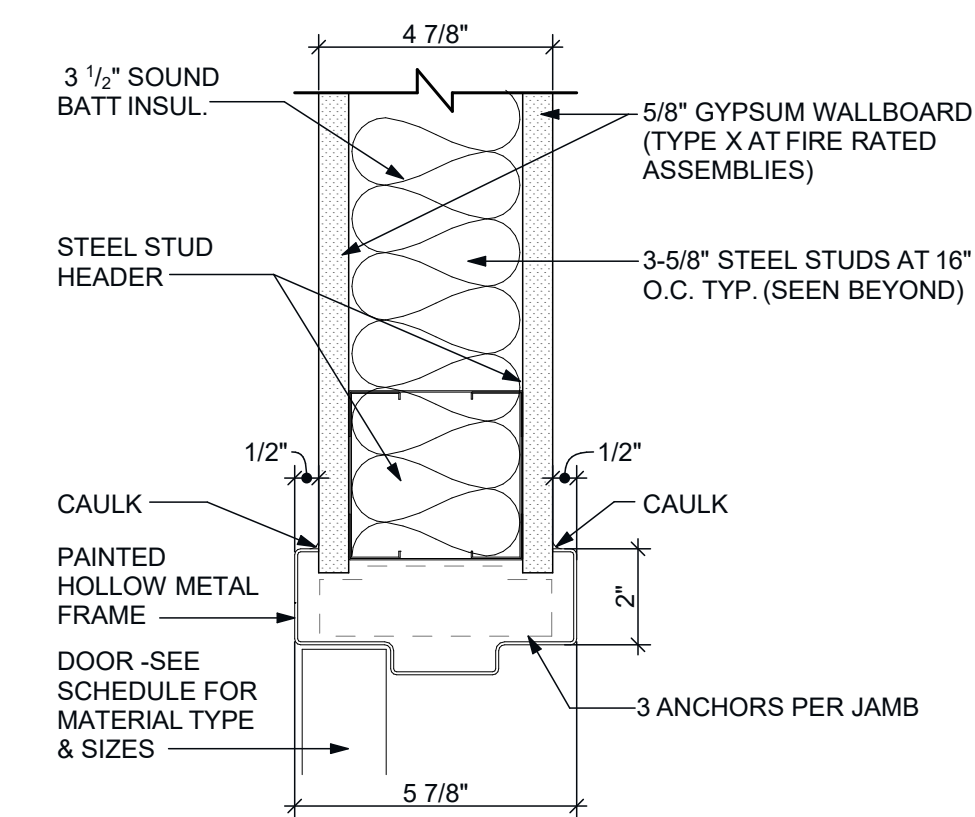
DR. #	LOCATION	DOOR					FRAME		HW SET	REMARKS	
		TYPE	MATERIAL	WIDTH	HEIGHT	THICK	MFR. PREFIN.	NO			FINISH (FROM RM./ TO RM.)
01	CUSTOMER WRITE-UP	AL-1	ALUM/GLASS	3'-0"	7'-0"	2" (Nom.)	MFR. PREFIN.	NO		2	COLOR TO MATCH EXISTING
02	CUSTOMER SERVICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	7	PROVIDE DOOR HARDWARE AT EXISTING DOOR
03	UNISEX TOILET ROOM	F	H.M.	3'-0"	6'-8"	1 3/4"	PTD. - P-1	1"	H.M.	3	UNISEX ACCESSIBILITY SIGNAGE
04	STOCK AREA	FV	H.M.	3'-0"	6'-8"	1 3/4"	PTD. - P-1	NO	H.M.	1	
05	SERVICE AREA	FV	H.M./GLASS	3'-0"	7'-0"	1 3/4"	PTD. - P-4	NO	H.M.	4A	

GENERAL DOOR NOTES:
1. CONFIRM COLORS WITH PEPBOYS CONSTRUCTION MANAGER PRIOR TO ORDERING.



HARDWARE NOTES

1. ALL EXISTING DOOR HARDWARE TO REMAIN TO BE BROUGHT TO GOOD WORKING CONDITION AND VERIFIED TO MEET EGRESS AND ACCESSIBILITY CODES. REPLACE ALL NON-COMPLIANT HARDWARE WITH NEW COMPLIANT HARDWARE AND REPLACE/REPAIR ALL DAMAGED OR MISSING COMPONENTS.
2. COORDINATE REKEYING OF DOORS THROUGH PEPBOYS CONSTRUCTION MANAGER. ALL EXISTING DOORS TO REMAIN SHALL BE RE-CORED/RE-KEYED.
3. EXISTING PEP BOYS CORES BEING DEMOLISHED SHALL BE SAVED AND STORED IN STORE SAFE FOR REUSE.



MANUFACTURERS LEGEND

- (AR) ADAMS RITE MANUFACTURING CO./
- (B) BEST LOCK CORPORATION./
- (D) DETEX
- (GJ) GLYNN JOHNSON
- (H) HAGER HINGE CO./
- (I) IVES DIVISION, INGERSOLL-RAND CO./
- (LCN) LC NORTON
- (M) MCKINNEY
- (N) NORTON DOOR CONTROLS, YSG./
- (P) PEMCO
- (R) ROCKWOOD MANUFACTURING CO./
- (Y) YALE COMMERCIAL LOCKS, YSG./
- (Z) ZERO INTERNATIONAL INC.



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William J Fearon AIA
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CLIENT + PROJECT



PEPBOYS AUTO SERVICE & TIRES

STORE ALTERATIONS
PEP BOYS
STORE # 0048
775 ROUTE 70 WEST
MARLTON, NJ 08053

DISTRIBUTION:	DATE:
00 BID	05-23-24
0 PERMIT	06-25-24

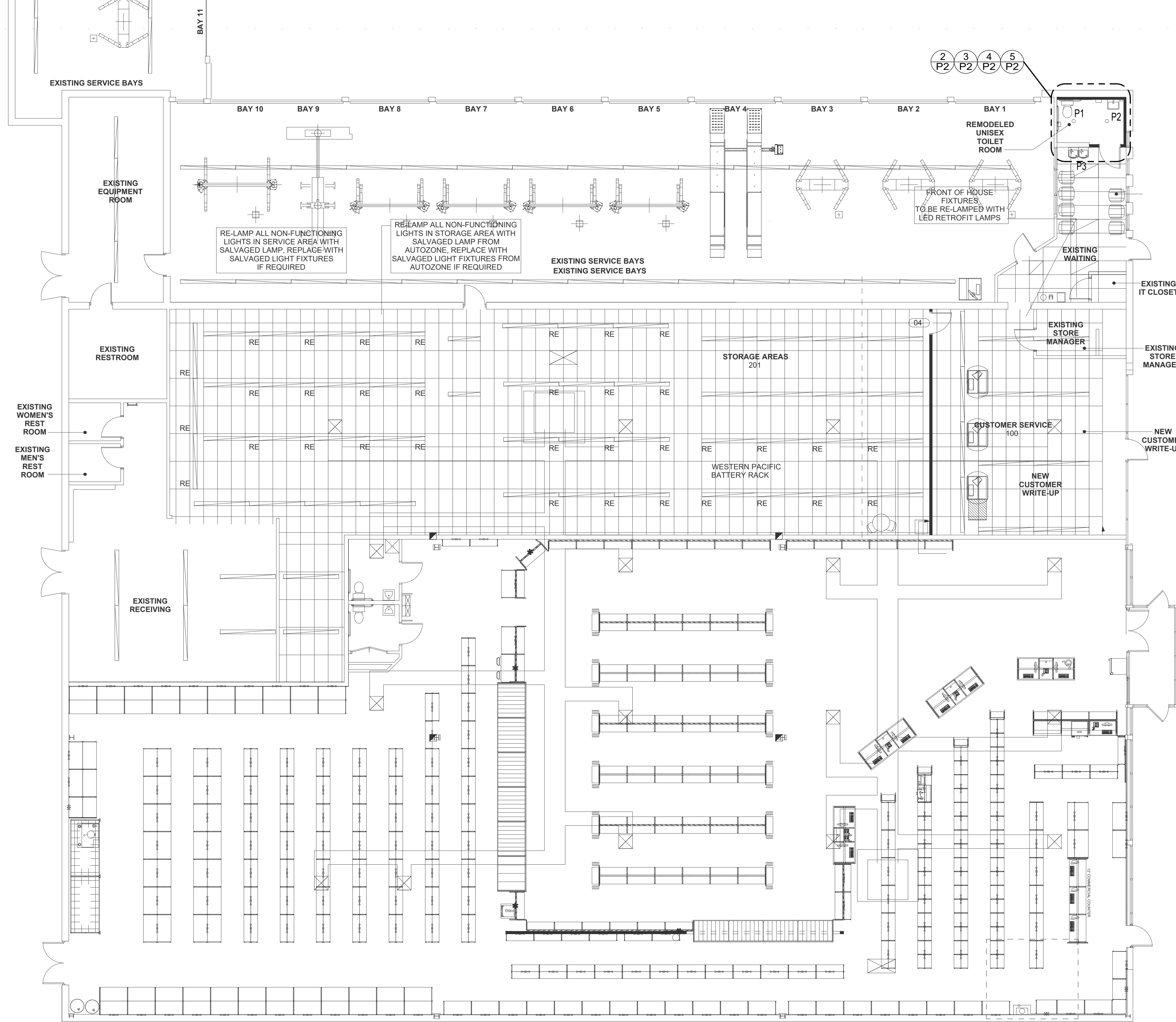
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DRAWN BY: MMP
CHECKED BY: MEV
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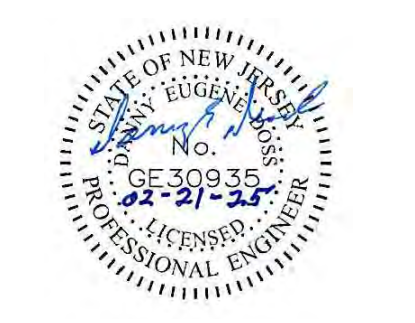
DRAWING NAME + NUMBER

DOOR SCHEDULES & DETAILS

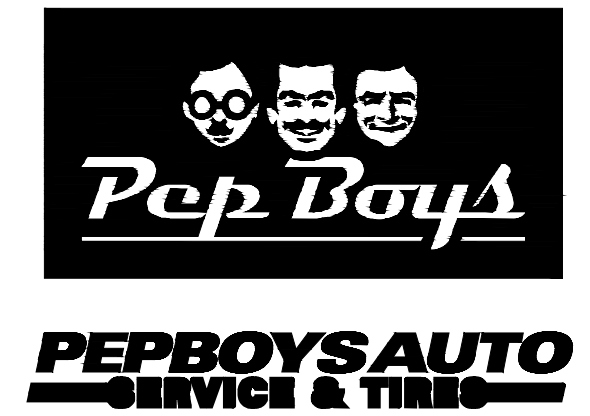
A-601



- PLUMBING CODE:**
 2018 INTERNATIONAL PLUMBING CODE WITH NEW JERSEY STATE AMENDMENTS
- PLUMBING NOTES:**
- REFER TO SHEET P2 FOR FIXTURE SCHEDULE AND GENERAL PLUMBING NOTES.
 - CONTRACTOR SHALL SURVEY SANITARY INVERTS ONE MONTH PRIOR TO CONSTRUCTION START AND VERIFY PROPER SLOPE REQUIREMENTS AT NEW RESTROOMS.
 - AUTOZONE SHALL CONFIRM INVERTS OF EXISTING SANITARY LINES PRIOR TO SAW CUTTING EXISTING SLAB.
 - AUTOZONE AND PEP BOYS SHALL MUTUALLY AGREE ON PIPE ROUTING PRIOR TO CONSTRUCTION COMMENCEMENT.
 - WATER HEATER:
 TWO BATHROOMS - RHEEM EGSP10, 10 GAL., 1.5 KW, 120V/1 PHASE. MOUNT ABOVE CEILING ON 24"X24" PLATFORM OF METAL STUD FRAMING AND 5/8" FIRE RETARDANT TREATED PLYWOOD PLATFORM. PROVIDE 4" DEEP 18 GA METAL DRAIN PAN, AND STRAP WATER HEATER TO WALL FRAMING.
 SINGLE BATHROOM - INSTA-HOT WATER HEATER BY EEMAX, MODEL #NO SPEX1812.
 - FLOOR CLEANOUT - ZURN #Z1400
 - WALL CLEANOUT - ZURN #Z1468



CLIENT + PROJECT



STORE ALTERATIONS
PEP BOYS
 STORE # 0048
 775 ROUTE 70 WEST
 MARLTON, NJ 08053

DISTRIBUTION:	DATE:
BID	05-23-2024
PERMIT	06-25-2024
BID CONFORMANCE:	06-28-2024

PROJECT INFO:
 PROJECT NUMBER: 10154
 DRAWN BY: DMF
 CHECKED BY: DED
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DRAWING NAME + NUMBER

PLUMBING PLAN

P1

PLUMBING FLOOR PLAN
 1/8" = 1'-0"

PRIOR TO BID/START OF CONSTRUCTION REQUIREMENTS THESE DOCUMENTS ARE DIAGRAMMATIC IN NATURE AND IN SOME CASES, BASED ON INFORMATION THAT IS PROVIDED BY THE OWNER. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO BID. ANY DISCREPANCIES OR CONDITIONS INTERFERING WITH THE ABILITY OF THE CONTRACTOR TO COMPLETE THE WORK AS OUTLINED, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. ANY COST SAVINGS OPTIONS OR REUSE OF EXISTING EQUIPMENT, MATERIAL OR DEVICES SHALL BE MADE AVAILABLE TO THE OWNER AND THE ARCHITECT FOR REVIEW. ANY REQUESTED CHANGES DUE TO THE CONTRACTOR'S OVERSIGHT OR FAILURE TO VISIT THE SITE PRIOR TO BID, SHALL NOT BE AUTHORIZED OR COMPENSATED. COORDINATE ALL LOUVER SIZES AND LOCATIONS PRIOR TO START OF CONSTRUCTION. LAYOUT ALL EQUIPMENT IN MECHANICAL ROOM TO ENSURE PROPER SPACE AND CLEARANCES ARE AVAILABLE. CONTACT ARCHITECT IMMEDIATELY WITH ANY ISSUES.

ACEI
 ADVANCED CONSULTING ENGINEERS
 MECHANICAL ELECTRICAL INDUSTRIAL

PO BOX 427
 ROGERS, AR 72756
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 FX 479-631-1854
 ACEI@ADVENGINEERS.COM

TYPE	MARK	MANUFACTURER	BRAND/MODEL #	NOTES
P1-TOILET (ADA) 1.6 PF 16 1/2" H w/ 17" RIM HT. (ELONGATED HANDICAP)	P-1	AMERICAN STANDARD	CADET #2467016.02 - RIGHT MNT'D TRIP LEVER CADET #2467164.02 - LEFT MNT'D TRIP LEVER	1. FLOOR MOUNTED W/ BOTTOM OUTLET 2. FLUSH TANK W/ PRESSURE ASSIST 3. TANK TRIP LEVER TO BE LOCATED ON LAVATORY SIDE OF TANK.
TOILET SEAT COVER		BEMIS	OLSONITE #95	OPEN FRONT SEAT-LESS COVER
P2-LAVATORY	P-2	AMERICAN STANDARD	VITREOUS CHINA #0355.012	D-SHAPED WALL HUNG SINK w/ THREE HOLE ON 4" CENTERS
FAUCET		KOHLER	CORALAIS #K-15198-4RA	POLISHED CHROME SINGLE LEVEL FAUCET w/ 0.5 GPM AERATOR
DRINKING FOUNTAIN (ADA ACCESSIBLE)	P-3	HALSEY TAYLOR	#HTHB-HAC8BLSS-WF #WATTS CA-431-1 CARRIER	ONLY INSTALL CODE REQUIRED DRINKING FOUNTAIN
FLOOR CLEANOUT	FCO	ZURN	#Z1400	
WALL CLEANOUT	WCO	ZURN	#Z1468	

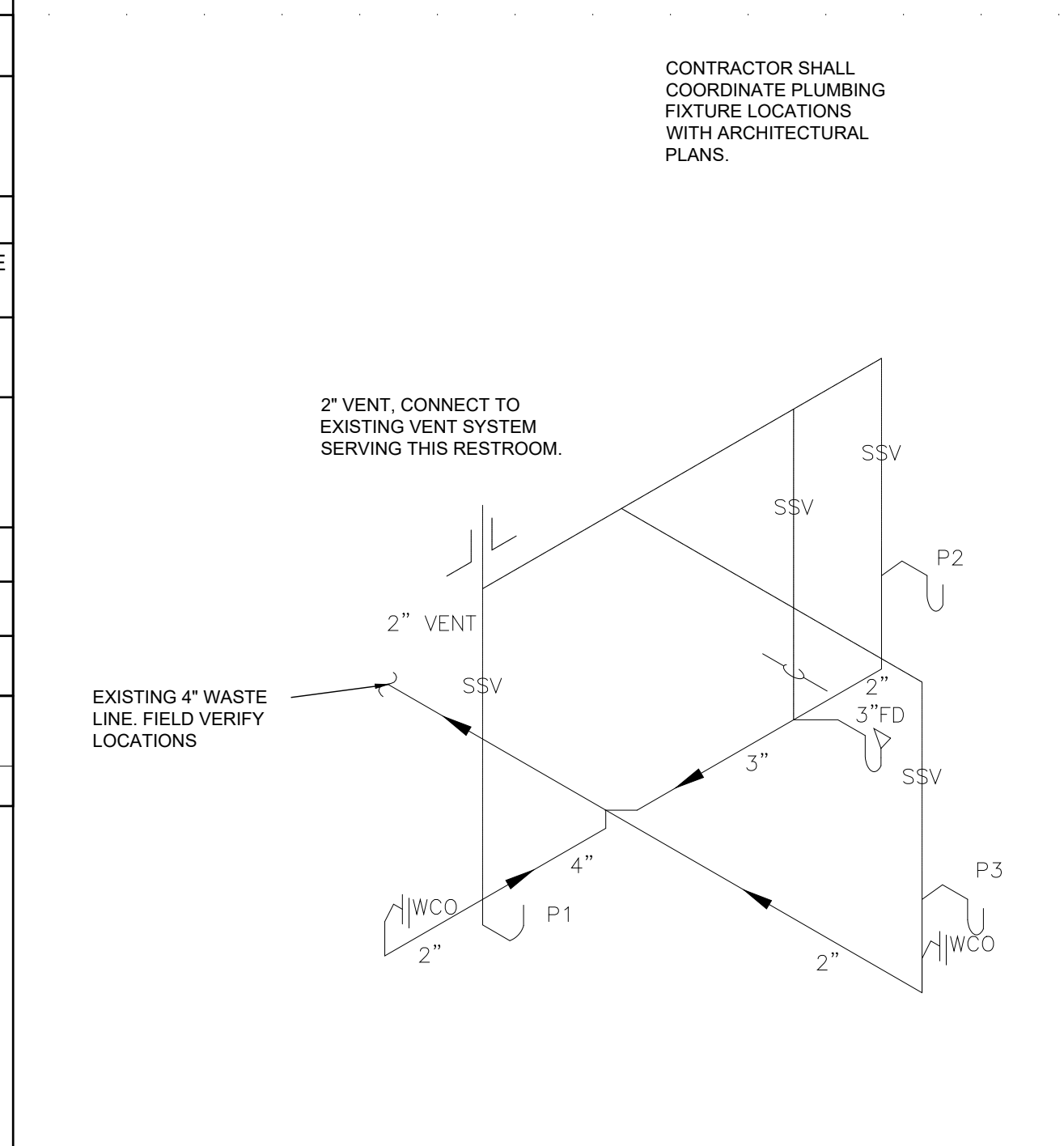
1 PEP BOYS PLUMBING FIXTURE SCHEDULE

PLUMBING GENERAL NOTES

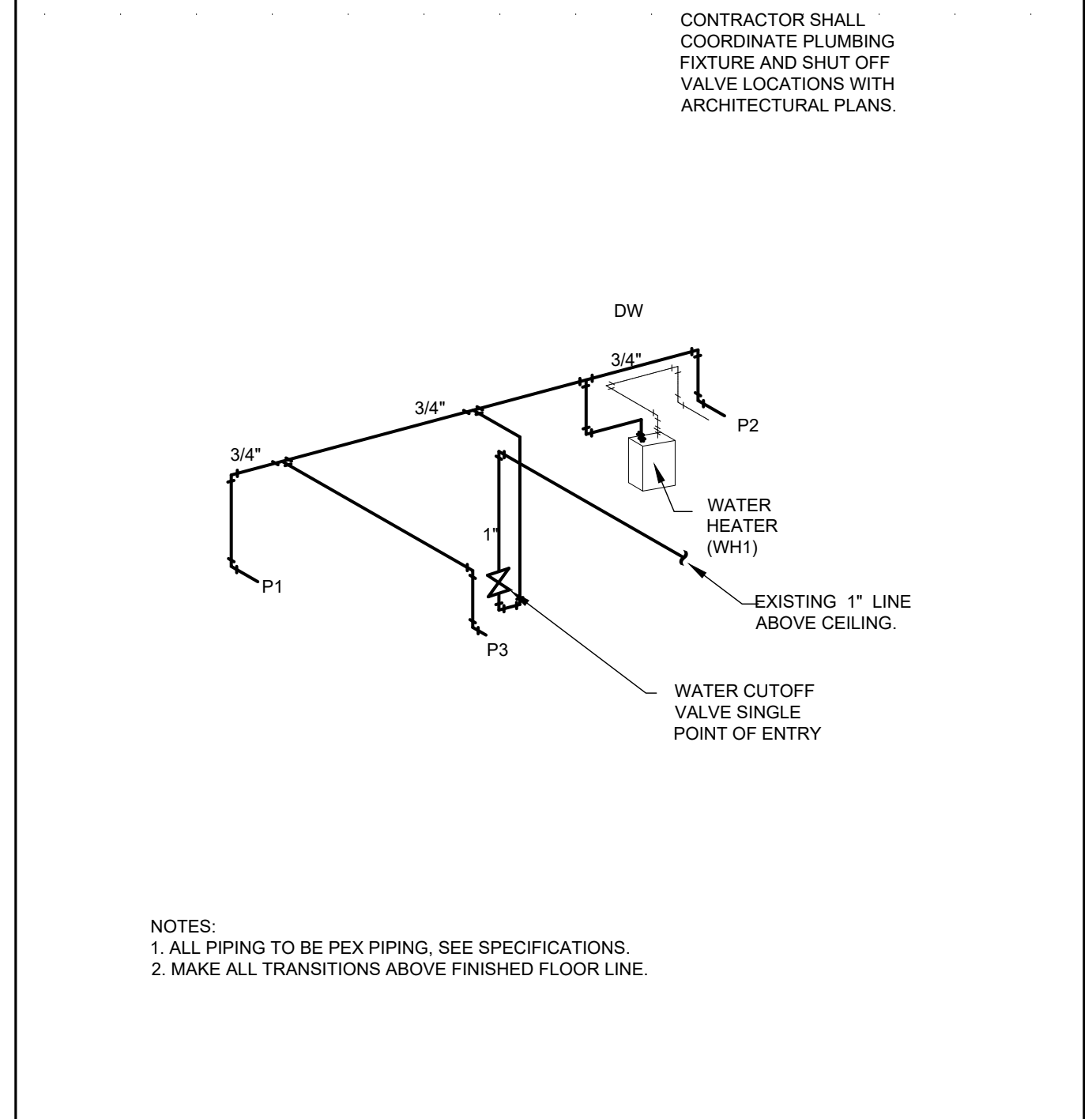
- ALL DRAWINGS, SPECIFICATIONS, AND OTHER RELATED DOCUMENTS SHALL BE CONSIDERED A PART OF THIS CONTRACT AS FAR AS THEY APPLY TO THE WORK OF THIS CONTRACT, AS IF REFERRED TO IN FULL.
- SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION & DETAILS REGARDING ROOF CURBS AND PENETRATIONS, INCLUDING INSULATING, FLASHING, COUNTERFLASHING & SEALING AND COORDINATE WITH THE ROOFING CONTRACTOR.
- ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES. CONFIRM THE EXACT LOCATION AND ORIENTATION OF ALL EQUIPMENT PRIOR TO ROUGH-IN. ANY WORK CAUSED BY NOT COORDINATING SHALL BE PERFORMED AT NO ADDITIONAL COST.
- ALL EQUIPMENT SHALL BE FURNISHED WITH SHOP DRAWING, INSTALLATION GUIDELINES, MAINTENANCE MANUALS, SCHEDULES, TAGS, AND LETTER OF GUARANTEE IN A BINDER (THREE-RING) WITH TABS. ALL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH THESE DOCUMENTS & THE EQUIPMENT MANUFACTURER'S RECOMMENDATION.
- THERE SHALL BE NO RIGID CONTACT BETWEEN CONDUIT, PIPES, CEILING WIRES, AND DUCTWORK.
- PROPER FIRE PROTECTION MEASURES, SATISFACTORY TO THE LOCAL FIRE DEPARTMENT SHALL BE TAKEN WHEN WELDING OR CUTTING WITH TORCHES OR ELECTRICAL ARC.
- REMOVE ALL MATERIAL MADE OBSOLETE BY THIS WORK. ALL REMOVED EQUIPMENT, MATERIALS AND DEBRIS SHALL BE LEGALLY DISPOSED OF OFF OF SITE BY THIS CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES, RULES AND REGULATIONS.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF ANY WALLS, ROOF, OR FLOOR DURING CONSTRUCTION REQUIRED BY HIS TRADE. COORDINATE WITH GENERAL CONTRACTOR.
- ALL FIELD CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE VERIFIED PRIOR TO SUBMITTING BIDS & PRIOR TO COMMENCEMENT OF WORK (INCLUDING UNIT ORIENTATION). NO ALLOWANCE WILL BE MADE FOR NOT COMPLYING WITH THIS REQUIREMENT.
- THIS CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO OWNER'S EQUIPMENT.
- PIPING AND DUCTWORK LAYOUTS ARE SCHEMATIC AND ARE INTENDED TO SHOW GENERAL ARRANGEMENT, SIZE AND CAPACITY AND DO NOT INDICATE WHICH PIPE IS ABOVE OR BELOW THE OTHER. CONTRACTOR SHALL COORDINATE THE WORK, FURNISH NECESSARY VALVES, VENTS AND FITTING TO AVOID CONFLICTS WITH OTHER SERVICES AND STRUCTURAL AND ARCHITECTURAL ELEMENTS.
- THIS CONTRACTOR'S SCOPE OF WORK INCLUDES ALL WORK WITHIN BUILDING UNLESS OTHERWISE NOTED. ALSO, MAKE CONNECTIONS TO SERVICE PROVIDED BY SITEWORK CONTRACTOR. REFER TO SITEWORK UTILITIES CIVIL ENGINEERING DOCUMENTS FOR EXTERIOR WORK, TRENCHING, BACK FILLING, ETC.
- ALL PIPING THAT PENETRATES WALLS SHALL BE SLEEVED AND HAVE ESCUTCHEONS. ANY PENETRATIONS THRU FIRE RATED PARTITIONS SHALL BE SEALED WITH SCOTH-3M #FS195 WRAP AND /CP25 CAULK AS PER MANUFACTURER'S RECOMMENDATIONS.
- CONFLICTS: PEP BOYS CONSTRUCTION REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY UPON DISCOVERY OF A PROBLEM OR CONFLICT. CONTRACTOR SHALL PROMPTLY IDENTIFY ONE OR MORE PROPOSED SOLUTIONS BUT SHALL NOT PROCEED UNTIL SO AUTHORIZED.
- WHERE REQUIRED BY CODE, PROVIDE THE INSTALLATION IN ACCORDANCE WITH SEISMIC REQUIREMENTS.
- WHERE ALLOWED BY LOCAL CODE PLASTIC WASTE AND VENT PIPING CONFORMING TO ASTM MAY BE USED WHEN CONCEALED BELOW FLOOR SLABS OR IN WALLS AND PARTITIONS.
- SUPPORT ALL PIPING AS LISTED IN PIPING SUPPORT SCHEDULE. IF LOCAL CODES REQUIREMENTS DIFFER, THEN USE MOST STRINGENT REQUIREMENTS.
- BARRIER FREE FIXTURES AND TRIM SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF AMERICANS WITH DISABILITIES ACT (ADA), UNLESS MORE STRINGENT LOCAL CODES PREVAIL.
- CONTRACTOR SHALL FIELD VERIFY EXISTING SIZES, DIMENSIONS, CONDITIONS AND CLEARANCES PRIOR TO FABRICATION OF ANY PIPING, PURCHASING MATERIALS AND PROCEEDING WITH ACTUAL CONSTRUCTION.
- THE CONTRACTOR SHALL REPAIR ANY EXISTING PLUMBING SYSTEM TO REMAIN IN SERVICE, BUT IS DAMAGED DURING NEW WORK. REPAIR WORK SHALL MATCH EXISTING SYSTEM CONDITIONS AT MINIMUM.
- CUT AND PATCH TO MATCH EXISTING WALLS, CEILINGS, FLOORS, ETC., AS REQUIRED FOR INSTALLATION OF NEW PLUMBING SYSTEM.
- CONTRACTOR SHALL SEAL ANY FLOOR, WALL OR CEILING PENETRATIONS ENSURING THAT THE INTENDED RATING OF THE FLOOR, WALL OR CEILING IS MAINTAINED.
- GC TO ENSURE ALL FINISH ESCUTCHEONS ARE INSTALLED FOR ALL VALVE, DRAIN, AND OTHER WALL OR CEILING PENETRATIONS.

KEYED GENERAL NOTES

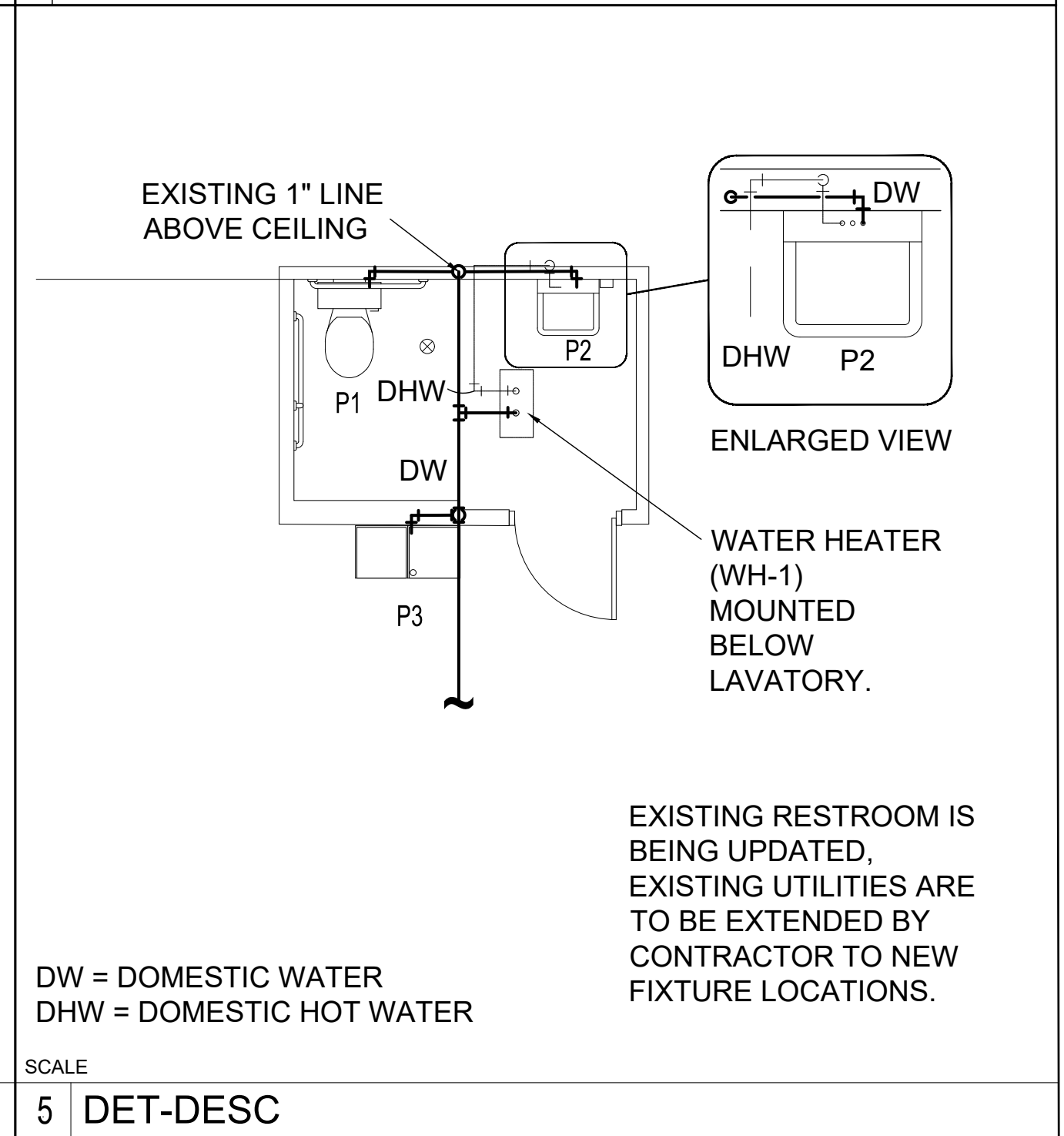
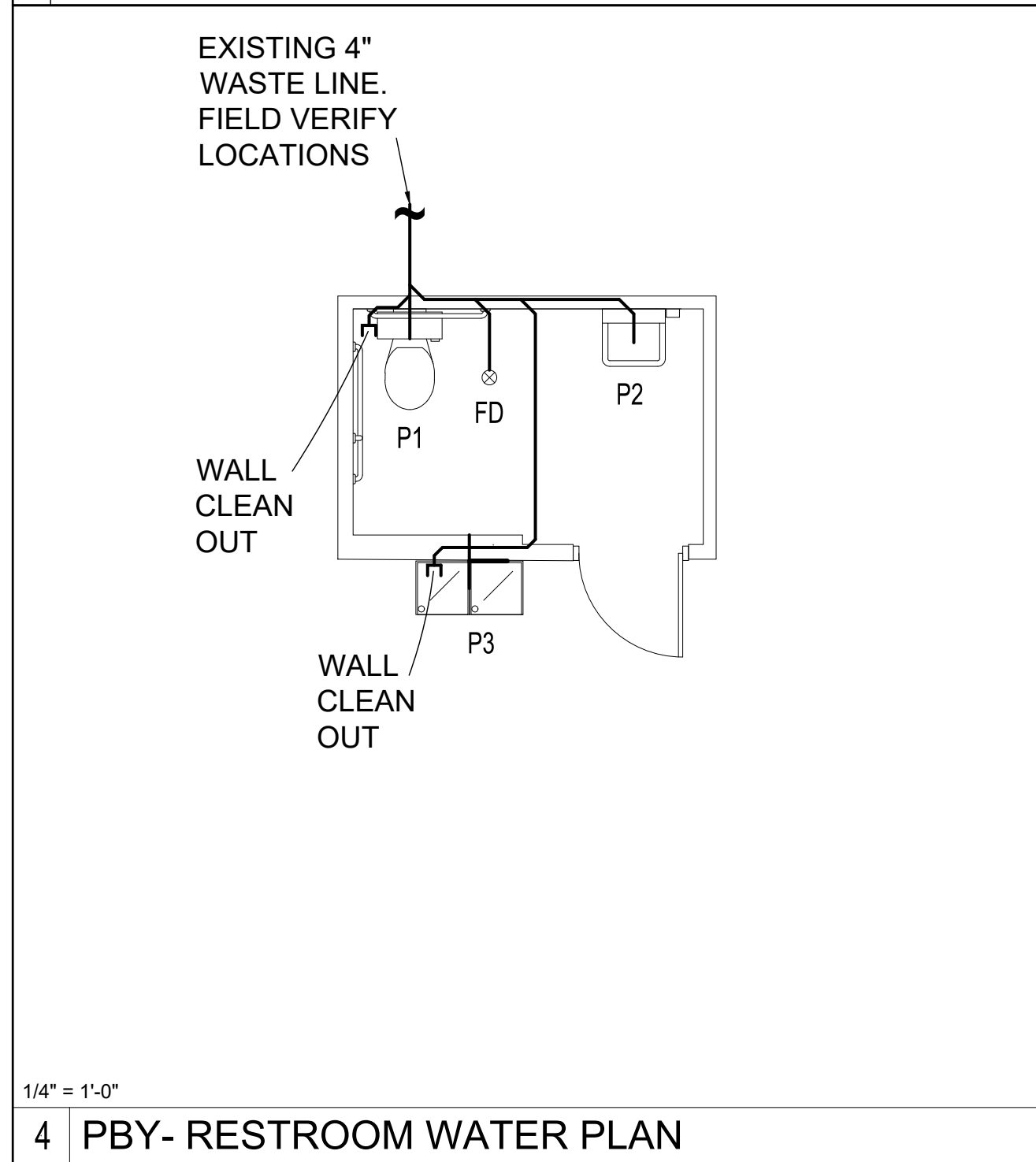
- CONNECT NEW SANITARY LINE TO EXISTING SANITARY LINE. CONTRACTOR SHALL FIELD VERIFY LOCATION, SIZE, DIRECTION OF FLOW, TYPE, AND INVERT OF EXISTING SANITARY LINE PRIOR TO CONSTRUCTION. "BID ALTERNATE" IF NEW WASTE LINE CAN NOT MEET THE EXISTING INVERT CONTRACTOR SHALL COORDINATE WITH ENGINEER AND ARCHITECT TO INSTALL AND CONNECT GRINDER PUMP, SUMP BASIN, FLOAT SWITCHES, CONTROL PANEL AND HIGH WATER ALARM. (SEE FIXTURE SCHEDULE)
- 3" VENT THROUGH ROOF. COORDINATE WITH GENERAL CONTRACTOR TO MAINTAIN
- 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES.
- PROVIDE AIR GAP FITTING ON VENT TO RECEIVE INDIRECT DRAIN LINE FROM WATER HEATER DRAIN PAN.
- PLUMBING FIXTURES BY GC - SEE FIXTURE & ACCESSORY SCHEDULES.



2 PEP BOYS -PLUMBING WASTE/VENT RISER



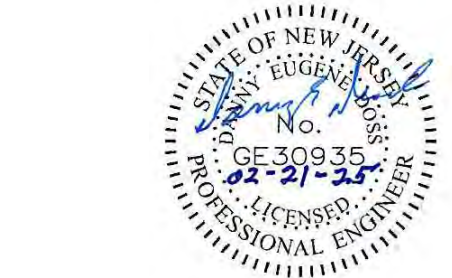
3 PEP BOYS -PLUMBING WATER RISER



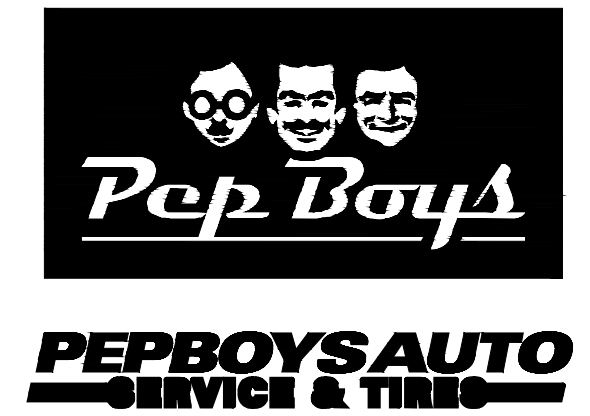
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STORE ALTERATIONS
PEP BOYS
STORE # 0048
775 ROUTE 70 WEST
MARLTON, NJ 08053

DISTRIBUTION: DATE:
BID 05-23-2024
PERMIT 06-25-2024
BID CONFORMANCE: 06-28-2024

PROJECT INFO:
PROJECT NUMBER: 10154
DRAWN BY: DMF
CHECKED BY: DED
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DRAWING NAME + NUMBER
PLUMBING SCHEDULES / DETAILS / RISERS

P2

DESIGN PARAMETERS: 2018 INTERNATIONAL MECHANICAL CODE
WITH NEW JERSEY AMMENDMENTS

GENERAL MECHANICAL NOTES

- A. IN AUTOZONE TENANT SPACE - VENSTAR THERMOSTATS ALONG WITH VENSTAR CONTROLS WILL BE FURNISHED BY AUTOZONE FOR INSTALLATION BY THE CONTRACTOR. SEE SHEET E-6 FOR ADDITIONAL INFORMATION ON VENSTAR CONTROLS. THERMOSTAT SHALL BE SET FOR 78 DEG. F IN THE COOLING MODE AND 68 DEG. F IN THE HEATING MODE.
- B. CONTRACTOR SHALL COORDINATE ANY AND ALL ROOF PENETRATIONS WITH AUTOZONE CONSTRUCTION REPRESENTATIVE AND LANDLORD'S ROOFING COMPANY PRIOR TO ANY PENETRATION BEING MADE.
- C. DUCT SIZE CALL OUTS INDICATE NET FREE AREA, USE ONLY SHEET METAL DUCTWORK. COORDINATE LOCATION OF DIFFUSERS, DUCTWORK, STRUCTURE AND LIGHT FIXTURES, SEE REFLECTED CEILING PLAN FOR LOCATIONS.
- D. THE AIR CONDITIONING UNIT FAN OPERATION SHALL BE CONTINUOUS DURING BUSINESS HOURS.
- E. THE TOILET EXHAUST FANS FOR THE AUTOZONE RESTROOMS WILL BE FURNISHED BY AUTOZONE FOR INSTALLATION BY THE CONTRACTOR. THE FAN IS A DELTA NO. SLM100 WITH 100 CFM CAPACITY. CONTRACTOR TO FURNISH AND INSTALL 4" METAL DUCT FROM EACH FAN TO A 10" METAL DUCT UP THROUGH THE ROOF TO THE ROOF CAP. ROOF CAP AND CURB SHALL BE A COOK PR-10 WITH BIRD SCREEN, FURNISHED AND INSTALLED BY CONTRACTOR.
- F. ATTACH LIGHTING CONTROL PANEL PHOTOCELL TO THE NORTH FACING SIDE OF ONE OF THE ROOF TOP HVAC UNITS SERVING AUTOZONE. DO NOT ATTACH PHOTOCELL TO A REMOVABLE PANEL. CONNECT THE PHOTOCELL THROUGH ONE OF THE HVAC UNITS HUBS - DO NOT DRILL A HOLE IN THE BOTTOM OF THE UNIT - TO A JUNCTION BOX MOUNTED ON THE UNDERSIDE OF THE ROOF DECK AND THEN ON TO THE LIGHTING CONTROL PANEL. SEE SHEETS M1, E-5 AND E-6 FOR ADDITIONAL INFORMATION.
- G. IF EXISTING RTU'S ARE TO BE REUSED THEN CONTRACTOR SHALL DO THE FOLLOWING: CLEAN, TEST AND BALANCE ALL UNITS; SERVICE, REPAIR AND OR REPLACE ALL PARTS AS REQUIRED TO ENSURE UNIT OPERATION. CONTRACTOR PROVIDE AN INDEPENDENT AIR BALANCE REPORT AND PROVIDE WRITTEN REPORT ON OPERATING CONDITIONS FOR BOTH HEATING AND COOLING, IF AMBIENT TEMPERATURES ARE NOT APPROPRIATE TO PROVIDE BOTH, THEN RETURN WITHIN THE FIRST YEAR WARRANTY PERIOD WHEN THEY ARE TO PROVIDE THE MISSING INFORMATION; INSTALL AUTOZONE PROVIDED VENSTAR SENSORS ON EACH UNIT. SEE SHEETS M1, E-5 AND E-6 FOR ADDITIONAL INFORMATION.
- H. RTUS NOT SERVING PBY TO BE REMOVED FROM PBY EMS.

SCOPE OF WORK-

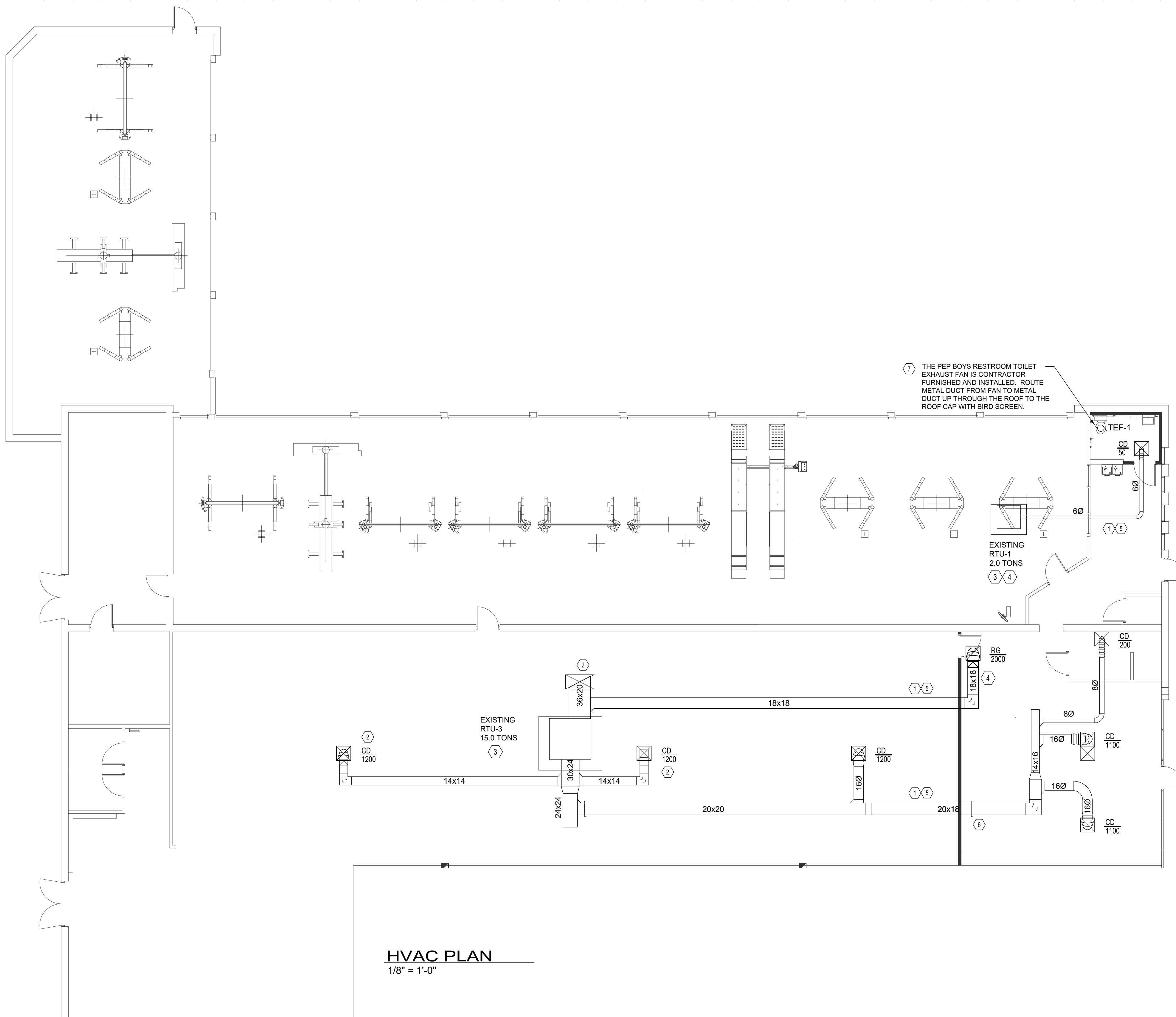
- 1. ALL EXISTING AIR HANDLING/CONDENSER HVAC EQUIPMENT TO REMAIN. CONTRACTOR SHALL CLEAN, REPLACE FILTERS, AND PLACE IN GOOD WORKING CONDITION.
- 2. MOVE DUCTS, EXTEND DUCTS, PROVIDE DUCTS AND FIRE DAMPERS PER PLAN.
- 3. INSTALL RESTROOM EXHAUST THROUGH ROOF WITH ROOF CAP. EXHAUST FANS FURNISHED BY AUTOZONE VENDOR.
- 4. INSTALL ENERGY MANAGEMENT SYSTEM TO RTUs-1 AND 2. FIELD INSTALL SENSORS.

HVAC NOTES:

- 1. THERE SHALL BE NO SHARED AIR BETWEEN TENANTS, EACH AHU SERVES A SINGLE TENANT.
- 2. RE-USE EXISTING RETURN AND SUPPLY AIR DIFFUSERS WHERE POSSIBLE.

KEYED NOTES:

- ① BOTTOM OF ALL NEW DUCTWORK SHALL BE AT THE SAME ELEVATION A.F.F. AS EXISTING DUCTWORK IN THAT AREA.
- ② EXISTING SUPPLY DUCTWORK, DIFFUSERS SHALL BE REUSED WHERE POSSIBLE. ANY NECESSARY REMOVAL SHALL INCLUDE HANGERS, SUPPORTS, INSULATION, ETC. FOR COMPLETE REMOVAL WHERE INDICATED.
- ③ EXISTING ROOFTOP MECHANICAL UNIT SHALL REMAIN. CONTRACTOR SHALL CLEAN, REPLACE FILTERS AND PLACE IN GOOD WORKING CONDITION.
- ④ EXISTING ROOFTOP UNIT ZONE SENSOR-SAT SHALL BE REMOVED AND RELOCATED. GENERAL CONTRACTOR TO PROVIDE A NEW PROGRAMMABLE THERMOSTAT HAVING A CLEAR LOCABLE COVER. SEE MECHANICAL SHEET FOR NEW LOCATION. COORDINATE WITH THE PEP BOYS STORE MANAGER AND PEP BOYS REPRESENTATIVE PRIOR TO REMOVAL. GENERAL CONTRACTOR TO COORDINATE THERMOSTAT WIRING WITH PEP BOY NATIONAL VENDOR PRIOR TO INSTALLATION OF NEW THERMOSTAT.
- ⑤ NEW SUPPLY AND RETURN DUCTWORK & DIFFUSERS FURNISHED AND INSTALLED BY THE CONTRACTOR. DUCT SIZE SHOWN IS INSIDE FREE OPEN AREA. DUCTWORK SHALL BE INSULATED IN ACCORDANCE WITH THE MECHANICAL GENERAL NOTES.
- ⑥ CONDITIONING SHALL BE PRIORITIZED FOR THE FRONT OF HOUSE AREAS. WHERE A SINGLE RTU IS SERVING BOTH FRONT AND BACK OF HOUSE, AN AUTOMATED DAMPER SHALL BE INSTALLED TO CORRECTLY BALANCE NEEDS BETWEEN THE TWO SPACES. USE OCCURS. PRIORITY SHALL BE FOR CUSTOMER FACING AREAS.
- ⑦ CONTRACTOR SHALL FURNISH AND INSTALL RESTROOM EXHAUST FAN, CONTROLS METAL DUCT, ROOF CURB AND CAP WITH BIRD SCREEN.



HVAC PLAN
1/8" = 1'-0"

MARK	AREA SERVED	BRAND	MODEL	1/8" S.P.	SONES	ELEC. REQUIREMENT	PEP BOYS													
TEF-1	PEP BOYS RESTROOM	GREENHECK	SP-8110	70	5	120V-1PH-60HZ	SUPPLY CFM	6,000	+	RETURN CFM	5030	-	OUT SIDE AIR CFM	900	-	EXHAUST CFM	70	-	BALANCE	0
INTERLOCK EXHAUST FANS WITH LIGHTING CONTROLS																				
3 TOILET EXHAUST FAN SCHEDULE							4 AIR BALANCE SCHEDULE													
ROOM NAME	AREA CLASSIFICATION	AREA SQ. FT.	REQUIRED #PEOPLE PER 1000 SQ. FT.	CALCULATED # OF PEOPLE	REQUIRED CFM PER PERSON	CALCULATED PEOPLE CFM	REQUIRED CFM PER SQ. FT.	CALCULATED AREA CFM	TOTAL CFM REQUIRED	TOTAL CFM PROVIDED										
RETAIL	SALES	1286	15	19	7.5	145	0.12	154	299	300										
STORAGE AREA	STORAGE	4615	0	0	0	0	0.12	554	554	600										
									TOTAL OSA	900										
1 VENTILATION CALCULATIONS							2 AIR DEVICE SCHEDULE													

MARK	MANUFACTURER MODEL APPLICATION	TYPE SIZE	ACCESSORIES NOTES
CD	TITUS SERIES TMSA SUPPLY	DIFFUSER REF. PLANS	A 2,3,4
RG	TITUS 50P RETURN	GRILLE REF. PLANS	B
ACCESSORIES: NOTES			
A. DAMPER AT TAKE-OFF TO 1. 48" X 24" MODULE SIZE.			
B. DEVICE OPPOSED BLADE DAMPER AT 2. 24" X 24" MODULE SIZE.			
DEVICE. SUPPORT AIR DEVICE INDEPENDENT OF THE 3. DUCTWORK.			
NECK SIZE SHOULD BE EQUAL TO THE BRANCH DUCT SUPPLYING THE DEVICE. 4.			
2 AIR DEVICE SCHEDULE			

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DRAWING NAME + NUMBER
 HVAC PLAN
M1

BRANCH CIRCUITS TO BE IDENTIFIED PER NEC 210.5.
 FMC TO BE PER NEC 348.
 RECEPTACLES, CORD CONNECTORS & ATTACHMENT PLUGS TO BE PER NEC 406.
 SWITCHBOARDS, SWITCH GEAR & PANEL BOARDS TO BE PER NEC 408.
 LIGHTING TO BE PER NEC 410.
 SIGNS TO BE PER NEC 600.

EXISTING EMS (NOVAR) NOTES:

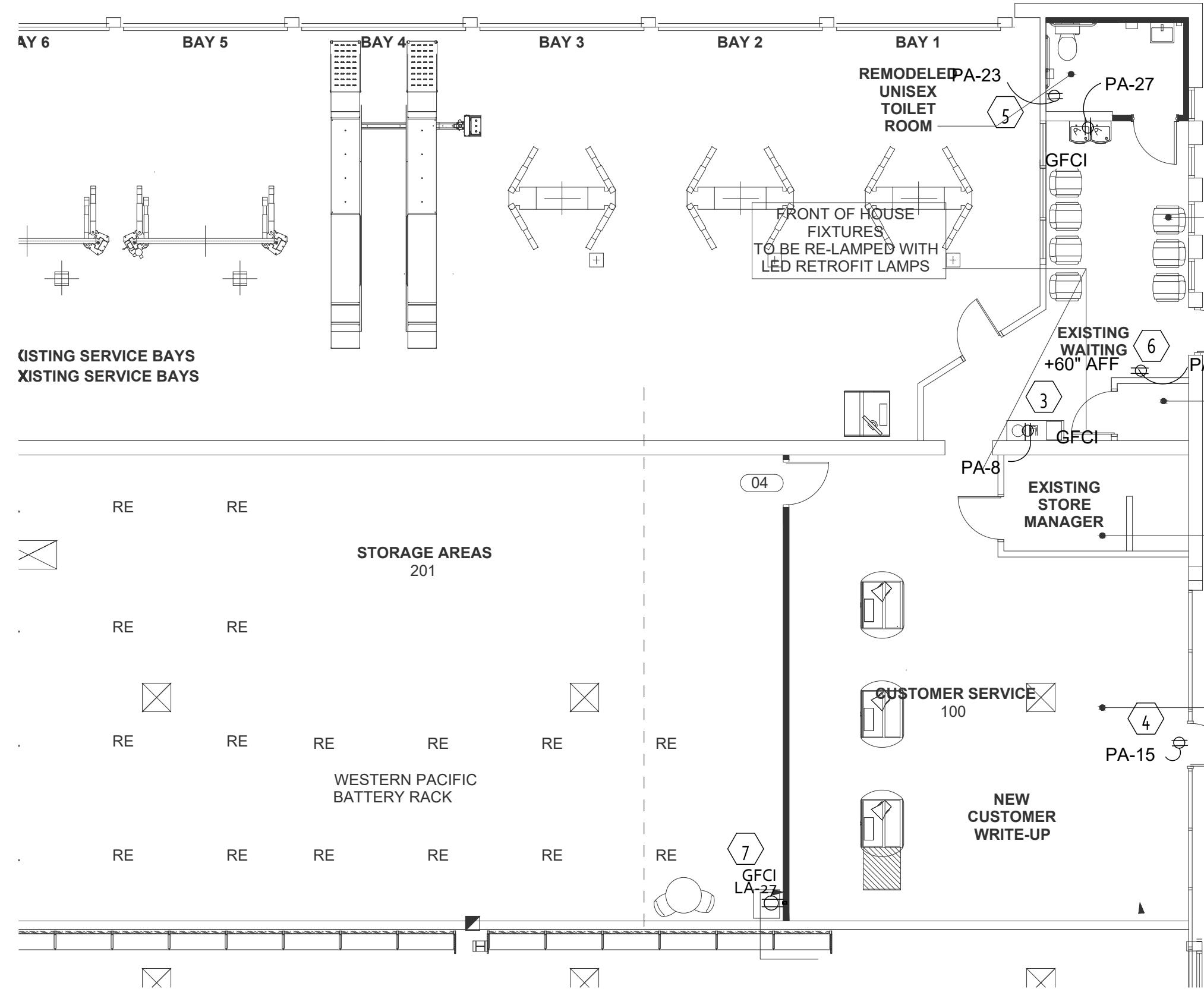
- RTUS SERVICING PEP BOYS AREAS - REMOVE FROM EMS AND INSTALL PROGRAMMABLE T-STAT WITH CLEAR LOCKABLE COVER FOR EACH RTU.
- ALL NEW WORK SHALL NOT BE ON EMS. NEW LIGHTING TO BE CONTROLLED WITH SWITCHES.
- REMAINING EMS DEPENDENT SERVICES TO BE IDENTIFIED AND LABELED.
- GC SHALL EXTEND EXISTING BUILDING SIGNAGE CIRCUITS TO NEW PBY SIGN LOCATIONS FOR NEW SIGNAGE.

GC TO ADD PEP BOYS PROVIDED ADA SHELF PER ADA REQUIREMENTS AT FIRST POD AT 34" A.F.F.

BOTTOM OF QUADS TO BE 7" FROM THE UNDERSIDE OF COUNTERTOP WHEN INSTALLING NEW PODS (TYP)

POWER POLE PLAN

1/4" = 1'-0"



GC TO MAINTAIN AT LEAST 2 PODS/POS DURING THE REMODEL WORK. ENSURE DATA CABLE CAN BE EXTENDED TO TEMPORARY LOCATION. SAVE ALL EXISTING PODS UNTIL CONSTRUCTION IS COMPLETED.

NOTES:

- COORDINATE ANY ELECTRICAL, NETWORK, AND TELECOMMUNICATIONS WORK WITH PEP BOYS.
- RELOCATE BURGLAR ALARM DEVICES IN MANAGERS OFFICE.
- AT PROJECT KICK OFF MEETING, COORDINATE LIGHTING FIXTURE LOCATIONS IN PEP BOYS STORAGE AREAS.
- GC TO REMOVE RTUS FROM EMS SYSTEM AND SUPPLY PROGRAMMABLE T-STAT WITH CLEAR LOCKABLE COVER.
- IF SERVER HAS NOT BEEN RELOCATED THEN GC TO PROVIDE 24X24" PAINTED WHITE BACKER BOARD WITH BOTTOM OF BOARD AT 60" AFF. PROVIDE 2 QUAD SETS - ONE (1) STANDARD QUAD & ONE (1) 24 HR. IS RATED POWER QUAD W/ ORANGE OUTLETS - BOTH RECESSED INTO WALL.
- REMOVE THESE AREAS FROM EMS SYTEM:
 - A. PBY RTUS-REMOVE FROM EMS AND SUPPLY PROGRAMMABLE T-STAT WITH CLEAR LOCKABLE COVER FOR EACH RTU.
 - B. EXTERIOR LIGHTS SHOULD BE ON A TIMER WITH LIGHT SENSOR (REMOVE FROM EMS) IF TIMER & PHOTOCELL ARE NON FUNCTIONAL.
 - C. VEHICLE SERVICE AREA - REMOVE FROM EMS WITH SWITCHES LOCATED NEAR PRODUCTIVITY CEMTS.
 - D. NEW WORK SHOULD NOT BE ON EMS.
 - 1A. RESTROOM(S)
 - 2A. CONFERENCE ROOM SWITCH WITH MOTION SENSOR.
- ALL RECEPTACLE AND LIGHT SWITCH PLATES TO BE COLOR WHITE. EXCEPTION - DEDICATED IG OUTLETS SHALL BE ORANGE.
- EXISTING LIGHTING TO REMAIN IN ALL AREAS POSSIBLE.
- RE-CENTER EXISTING BOH LIGHT FIXTURES TO CENTER OF NEW RACKING ROW.
- GC TO REMOVE AND MAKE SAFE ALL ELECTRICAL OUTLETS WHERE RACKING WAS REMOVED LEAVING ABANDONED WIRING, SENSORS AND THE LIKE.

ELECTRICAL KEY NOTES

- INSTALL PEP BOYS FURNISHED DUAL-CHANNEL POWER POLE - STALEY ELECTRIC SUPPLY #ALTPX-15X3"
- ALL POWER CIRCUITED THROUGH PANEL "CR" WILL BE ROUTED THROUGH AN INDIVIDUAL UPS. (1) PER REGISTER.
- QUAD RECEPTACLE AT 36" A.F.F. FOR CAFE BAR. COORDINATE WITH PEP BOYS PROJECT MANAGER FOR LOCATION PRIOR TO ROUGH-IN. REQUIRES 24 HR POWER FOR FRIDGE AND COFFEE MAKER-PLACE.
- SHOW WINDOW RECEPTACLE TO BE CEILING MOUNTED 6" OFF OF WINDOW CASING. LOCATION OF SWITCH TO BE LOCATED IN MANAGERS OFFICE.
- PROVIDE DISCONNECT FOR WATER HEATER. CONNECTION LOCATED ON PLATFORM ABOVE.
- COORDINATE LOCATION OF BOTTOM OF TV TO BE 48" A.F.F. SINGLE GANG MEDIA BOX SKU# 146587 MOUNTED AT 58" A.F.F. TO BOTTOM OF BOX. PROVIDE RECESSED POWER DUPLEX FOR TV.
- PROVIDE RECEPTACLE FOR NEW BREAKROOM AREA MICROWAVE AND MINI FRIDGE.

POD/POWER POLE NOTES:

- REUSE OF EXISTING PODS WILL BE A STANDARD UNLESS EXISTING PODS ARE IN POOR CONDITION AND/OR OTHERWISE STATED BY PBY. FINAL DETERMINATION AT KICK-OFF/PRE-BID MEETINGS - COLORS OF EXISTING PODS COULD BE BLACK, BLUE, RED OR A COMBINATION. MIXED RED AND BLUES ARE ACCEPTABLE. NO MIXED COLORS WITH BLACK. IF THIS OCCURS, REPLACE ALL PODS TO NEW.
- INSTALL POWER POLES. IG QUAD (24 HR POWER) AND STANDARD QUAD.
- GC TO ASSEMBLE AND SECURE PODS TO THE FLOOR. ALL SECUREMENT OF PODS TO BE HIDDEN, NOT VISIBLE TO PUBLIC.
- AT POWER POLES, GC TO PROVIDE INSTALL CHROME ESCUTCHEON PLATES AT CEILING AND DESK. AT DESK, A BLACK PLASTIC ESCUTCHEON COVER IS ACCEPTABLE.
- COLOR IG CIRCUIT "ORANGE" (24 HOUR POWER) TYPICAL.
- ADA SHELF - TO BE 30"x36" SUPPLIED IN PODS SHIPMENT, ATTACHED TO SHELF.
- GC TO LABEL / RELABEL ALL PANELS WHICH ARE PART OF THE NEW WORK.
- GC TO PROVIDE DEDICATED CIRCUIT AND OUTLET TO "PA" PANEL IF NOT PRESENT.

ELECTRIC POWER PLAN - PEP BOYS

1/8" = 1'-0"

ELECTRICAL IDENTIFICATION NOTE

PROVIDE IDENTIFICATION FOR ALL PANELS, DISCONNECTS AND TRANSFORMERS USING ENGRAVED NAMEPLATES, WHITE LETTERING ON BLACK BACKGROUND, NAMEPLATES SHALL IDENTIFY PANEL DESIGNATION (NAME) VOLTAGE, PHASE AND WIRE CONFIGURATION. PROVIDE TYPE WRITTEN DIRECTORIES UNDER PLASTIC COVER FOR ALL PANEL BRANCH CIRCUITS IDENTIFY THE WIRING FOR ALL BRANCH CIRCUITS USING APPROVED WIRE MARKERS.

ADA NOTE

LIGHT SWITCHES, ELECTRICAL OUTLETS, AND OTHER ENVIRONMENTAL CONTROLS SHALL HAVE OPERABLE PARTS TO THE CONTROLS LOCATED NO HIGHER THAN 48", AND NO LOWER THAN 15".

WIRING COLOR CODE

ALL WIRING SHALL BE COLOR-CODED AS FOLLOWS:
 208/120 VOLT SYSTEMS 480/277 VOLT SYSTEMS
 PHASE A-RED PHASE A-BROWN
 PHASE B-BLACK PHASE B-YELLOW
 PHASE C-BLUE PHASE C-ORANGE
 NEUTRAL-WHITE NEUTRAL-WHITE WITH TRACER OR GRAY

COLOR-CODE SHALL IDENTIFY THE SAME PHASE THROUGHOUT THE SYSTEM, FROM SERVICE SWITCH OR TRANSFORMER THROUGH ALL BRANCH CIRCUITRY.

TYPE MC CABLE, ELECTRIC METALLIC TUBING AND RIGID GALVANIZED CONDUIT ARE PERMITTED.

EXISTING PANEL LA														EXISTING PANEL CR													
ROOM MOUNTING FLUSH FED FROM SWITCHGEAR NOTE														ROOM MOUNTING FLUSH FED FROM SWITCHGEAR NOTE													
VOLTS 208Y120V 3P-4W BUS AMPS 200 NEUTRAL 100% A/C 10,000 MLO LUGS STANDARD														VOLTS 208Y120V 3P-4W BUS AMPS 30 NEUTRAL 100% A/C 10,000 MLO LUGS STANDARD													
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD VA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD VA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD VA												
			A	B	C				A	B	C				A	B	C										
1	301	SPARE	0			2	301	SPARE	0			1	201	UPS	700	400	200	2	201	EMS SYSTEM TUNE-UP	300	600	600				
3	301	RETAIL	0	1820		4	301	RETAIL	0	2730		3	201	PRINTER	0	0	0	4	201	CONFERENCE ROOM RECEPT. COMP. ROOM RECEPT.	0	0	0				
5	301	RETAIL	0	1820	1820	6	301	RETAIL	0	2730	2730	5	201	TIME CLOCK	0	0	0	6	201	ALIGNMENT MACHINE	0	0	0				
7	301	SPARE	0			8	301	SPARE	0			7	201	TELEPHONE BACKBOARD	200	50	50	8	201	SPARE	0	150	0				
9	201	CUSTOMER WRITE-UP LIGHTING	0	1440		10	201	INGR. OFF. LIGHTING	0	840	2730	9	201	SECURITY ALARM	0	0	0	10	201	EMS RELAYS	0	0	0				
11	301	RETAIL	0	1820	2280	12	301	RETAIL	0	1700	2730	11	201	SALES RECEPTACLES	500	500	800	12	201	SPARE	0	0	0				
13	201	TIRES	1700			14	201	TIRES	1700			14	201	SALES RECEPTACLES	500	500	800	14	201	SPARE	0	0	0				
15	201	TIRES	1700			16	201	TIRES	1700			15	201	SERVICE WORKSTATION	0	0	0	16	201	SPARE	0	0	0				
17	201	SPARE	0			18	201	SPARE	0			17	201	SPARE	0	0	0	18	201	SPARE	0	0	0				
19	201	SERVICE	1830			20	201	SERVICE	1830			19	201	SPARE	0	0	0	20	201	SPARE	0	0	0				
21	201	SERVICE	1830			22	201	SERVICE	1830			21	203	SURGE SUPPRESSOR	0	0	0	22	201	SPARE	0	0	0				
23	201	WAITING/COMP	1460		1340	24	201	SPARE	0			23	201	SPARE	0	0	0	24	201	SPARE	0	0	0				
25	201	TOILET ROOM SECURITY	1460			26	201	WAITING/RECEPT	3780			26	201	SPARE	0	0	0										
27	201	BREAK AREA MICROWAVE/REFRIG.	1200			28	401	EXTERIOR LIGHTS	200		200	28	201	SPARE	0	0	0										
29	201	SPARE	200			30	401	EXTERIOR LIGHTS	200		200																
TOTAL CONNECTED VA BY PHASE														TOTAL CONNECTED VA BY PHASE													
12300 15290 11300														1700 1700 2100													
102.5 127.4 94.2														14.2 14.2 17.5													

EXISTING PANEL PA														EXISTING PANEL PB													
ROOM MOUNTING FLUSH FED FROM SWITCHGEAR NOTE														ROOM MOUNTING FLUSH FED FROM SWITCHGEAR NOTE													
VOLTS 208Y120V 3P-4W BUS AMPS 100 NEUTRAL 100% A/C 10,000 MLO LUGS STANDARD														VOLTS 208Y120V 3P-4W BUS AMPS 100 NEUTRAL 100% A/C 10,000 MLO LUGS STANDARD													
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD VA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD VA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD VA												
			A	B	C				A	B	C				A	B	C										
1	201	PARTS PLUG/MOLD	500			2	201	RESTROOM RECEPT.	500			1	201	SERVICE RECEPT.	500			2	201	VAV DIFFUSER	240	768	600				
3	201	PARTS PLUG/MOLD SHELF C.O.	500			4	201	STOCK/TIRES RECEPT.	500			3	201	FLUSH MACHINE	500			4	201	CONFERENCE ROOM RECEPT. COMP. ROOM RECEPT.	0	0	0				
5	201	AIR DRYER	500			6	201	RESTROOM RECEPT.	500			5	201	WORK BENCH	400			6	201	SERVICE RECEPT.	400						
7	201	CHECKOUT SIGNS	300			8	201	LOUNGE COFFEE	1200			7	201	GRINDER	400			8	201	SERVICE RECEPT.	400						
9	201	ELECTRONICS	200			10	201	WAITING/RECEPT	200			9	201	REEL LIGHTS	600			9	201	SERVICE RECEPT.	400						
11	201	ELECTRONICS	200			12	201	W.P. RECEPT.	200			11	201	REEL LIGHTS	600			10	201	SERVICE RECEPT.	400						
13	201	ELECTRONICS	200			14	201	STEREO	200			12	201	REEL LIGHTS	600			12	201	SERVICE RECEPT.	400						
15	201	SALES RECEPTACLES	840			16	201	W.P. RECEPT.	200			13	201	REEL LIGHTS	600			13	201	SERVICE RECEPT.	400						
17	201	SALES RECEPTACLES	300			18	201	INTERCOM CABINET	200			14	301	CIRCULATING FANS	2000			14	301	SERVICE RECEPT.	2000						
19	201	VISION MACHINE	1560			20	201	SPARE	200			15	201	TIRE CHANGER	300			15	201	SERVICE RECEPT.	1920						
21	201	RESTROOM/CONV. RECEPT.	1560			21	201	SPARE	0			16	201	CIRCULATING FANS	2000			16	201	SERVICE RECEPT.	1920						
23	201	WATER HEATER P3	1800			22	201	SPARE	0			17	201	SPARE	0			17	201	SERVICE RECEPT.	1920						
25	201	DRINKING FOUNTAIN	2800			24	201	LOUNGE TELEVISION	600			18	301	LATHE MACHINE	1900			18	301	EX #4	1920						
			1500			26	401	WATER COUNTER	600			19	301	LATHE MACHINE	1900			19	301	EX #4	1920						
			2800			28	401	SPARE	0			20	301	WATER HEATER	1650			20	301	EX #4	1920						
			3000			30	401	STOCK QUAD	400			21	301	WHEEL BALANCER	1000			21	301	EX #4	1920						
			2800			40	201	STOCK QUAD	400			22	203	WHEEL BALANCER	1000			22	203	WHEEL BALANCER	1000						
TOTAL CONNECTED VA BY PHASE														TOTAL CONNECTED VA BY PHASE													
8660 4300 7200														9960 10688 7770													
67.2 35.8 60.0														83.0 89.1 64.8													

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DRAWING NAME + NUMBER
Power Plan
E1



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 MARLTON, NJ 08053

THE CONTRACTORS SHALL COORDINATE ALL REQUIRED ACCESS TO ALL ADJOINING SPACES AND LOCKED SPACES WITH THE GENERAL CONTRACTOR WHO SHALL IN TURN COORDINATE THESE REQUIREMENTS WITH THE BUILDING MANAGEMENT TEAM.

ANY PENETRATIONS OF A FIRE RATED WALL BY ANY MECHANICAL AND PLUMBING PIPING, DUCTWORK (WITHOUT FD/SD), CONDUITS AND CABLING FOR POWER, CONTROLS OR DATA/TELEPHONE MUST BE FIRED SEALED PER U.L. DETAILS ON THIS SHEET. REFER TO ARCHITECTURAL CODE REVIEW PLAN SHEETS FOR EXACT LOCATIONS OF ALL FIRE RATED WALLS.

THE ELECTRICAL CONTRACTOR SHALL BEAR ALL EXPENSES THAT OTHER TRADES INCUR AS A RESULT OF PHYSICAL MODIFICATIONS REQUIRED BY APPROVED ALTERNATE ELECTRICAL EQUIPMENT OTHER THAN ORIGINALLY SPECIFIED OR SCHEDULED.

THE FIRE ALARM CONTRACTOR IS SOLELY RESPONSIBLE FOR THE FIRE ALARM DESIGN, DESIGN APPROVAL, INSTALLATION AND FINAL ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION. DEVICES AND EQUIPMENT ON THE DRAWING ARE FOR REFERENCE ONLY. FINAL DEVICE TYPES, QUANTITIES, AND LOCATIONS ARE THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL COORDINATE REQUIREMENTS WITH THE FIRE ALARM CONTRACTOR AND PROVIDE ROUGH-IN AND POWER FOR ALL DEVICES PER THE APPROVED FIRE ALARM PLANS.

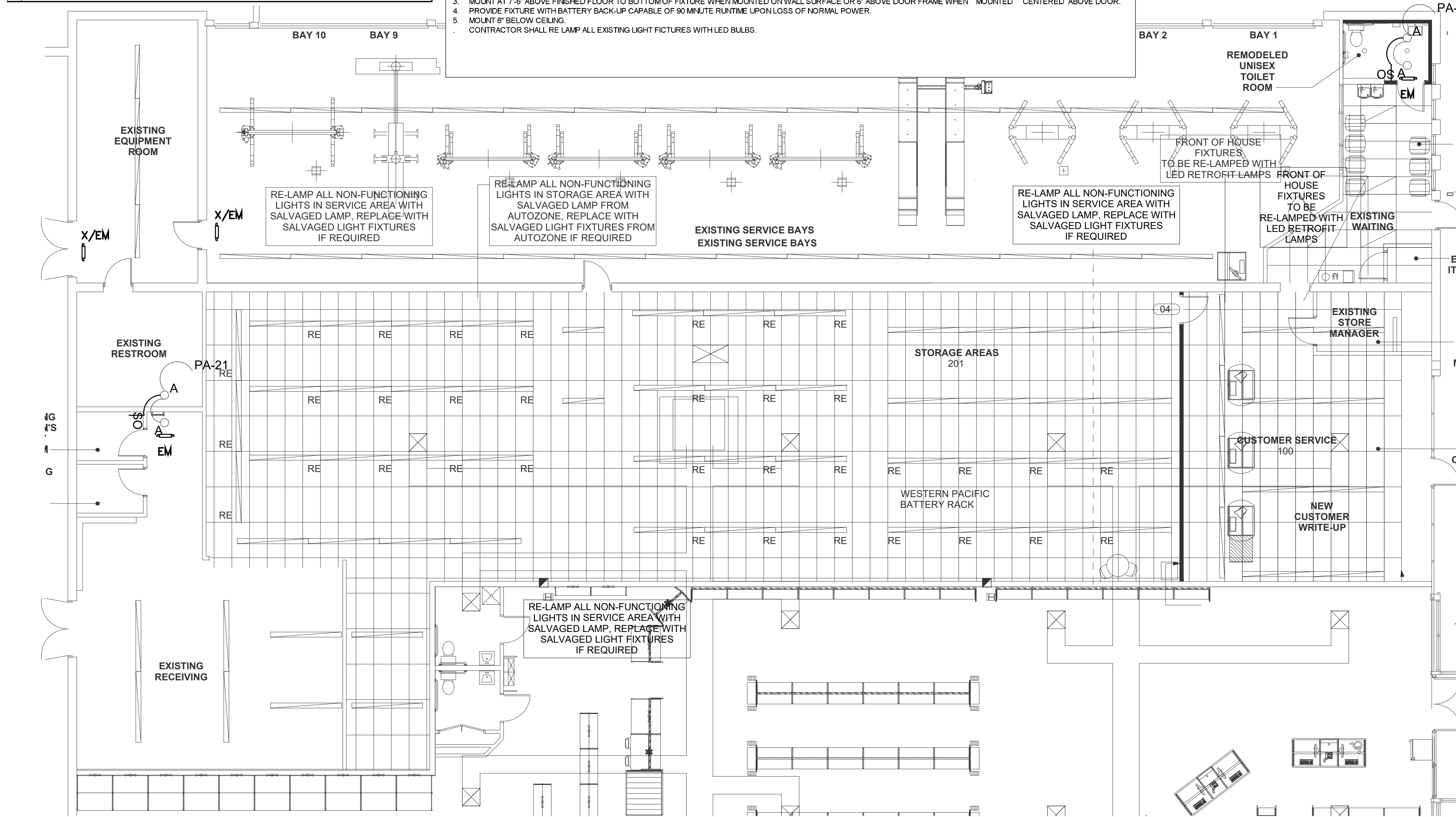
REFLECTED CEILING PLAN NOTES	
1	THIS SHEET IS INTENDED TO SHOW GENERAL COORDINATION OF OVERHEAD WORK.
2	VERIFY MEASUREMENTS WITH CORRESPONDING CONSTRUCTION OR EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK, AND NOTIFY THE ARCHITECT IMMEDIATELY OF SIGNIFICANT DISCREPANCIES USING THE "CONSTRUCTION REQUEST FOR INFORMATION" FORM AND SUPPLEMENTARY CONTRACTOR-PROVIDED DETAILS AS REQUIRED.
3	ALL OVERHEAD ITEMS INCLUDING STRUCTURAL DECK, EQUIPMENT, CONDUIT ETC. TO BE PAINTED WHERE INDICATED.
4	DO NOT SUSPEND FROM PIPING OR MECHANICAL EQUIPMENT, IF REQUIRED, USE HANGERS THAT ARE SUITABLE FOR THE EXISTING FLOOR OR ROOF CONSTRUCTION ABOVE.
5	UNLESS NOTED OTHERWISE GRID SHOULD BE CENTERED.
6	FOR LIGHT FIXTURE SPECIFICATIONS - REFERENCE ENGINEERING.

LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER AND MODEL #	MOUNTING	VOLTAGE	LAMPS / FIXTURE	FIXTURE WATTS	NOTES
A	8" RECESSED DOWNLIGHT	LITHONIA LIGHTING LDW-3515-L06-AR-LS-MWLT-GZ10	CEILING RECESSED	120V/277V	LED 3500°K	17.5	
B	NOT USED						
EM	EMERGENCY FIXTURE	LITHONIA LIGHTING ELMEL-LMOLT-LPT-SDRT	WALL SURFACE	120V/277V	LED (2) 1.2W		(2),(3),(4)
X	EXIT SIGN	LITHONIA LIGHTING LQMS-W-3-R-120277-EL-N-SD	UNIVERSAL	120V/277V	LED 0.7W		(2),(4),(5)
X/EM	COMBINATION EXIT/EMERGENCY FIXTURE	LITHONIA LIGHTING LQEM-LED-R-SD	UNIVERSAL	120V/277V	LED (2) 1.5W		(2),(6),(4)
W	NOT USED						

NOTES:
 1. NOT USED.
 2. CONNECT EMERGENCY BACK-UP AHEAD OF ALL LIGHTING CONTACTORS AND AHEAD OF ALL LOCAL SWITCHING.
 3. MOUNT AT 7" ABOVE FINISHED FLOOR TO BOTTOM OF FIXTURE WHEN MOUNTED ON WALL SURFACE OR IF ABOVE DOOR FRAME WHEN MOUNTED CENTERED ABOVE DOOR.
 4. PROVIDE FIXTURE WITH BATTERY BACK-UP CAPABLE OF 90 MINUTE RUNTIME UPON LOSS OF NORMAL POWER.
 5. MOUNT 8" BELOW CEILING.
 6. CONTRACTOR SHALL RE-LAMP ALL EXISTING LIGHT FIXTURES WITH LED BULBS.

CEILING AND LIGHTING NOTES

1. EXISTING ACT CEILING AT BACK OF HOUSE AND FRONT SHALL BE RE-USED UNLESS OTHERWISE NOTED IN DRAWINGS. REUSE EXISTING CEILING TILE CONDITIONS WHEN AND WHEREVER POSSIBLE. STANDARD WILL BE PAINT THE GRID AND PROVIDE NEW CEILING TILE MATCH EXISTING CONDITIONS
 ADDITIONAL HANGER TO SUPPORT LIGHT FIXTURES IN AREAS SUBJECT TO SEISMIC ACTIVITY. PROVIDE GRID SYSTEM RATE FROM SAME. RE-LAMP ALL FIXTURES AS NECESSARY FOR ALL NON-FUNCTIONING FIXTURES. RE-CENTER BACK OF HOUSE FIXTURES TO CENTER OF RE-ALIGNED BACK OF HOUSE RACKING. PLACE SWITCHES FOR NEW WORK AS NOTED ON DRAWINGS. IF MISSING, GC TO SEND RFI FOR



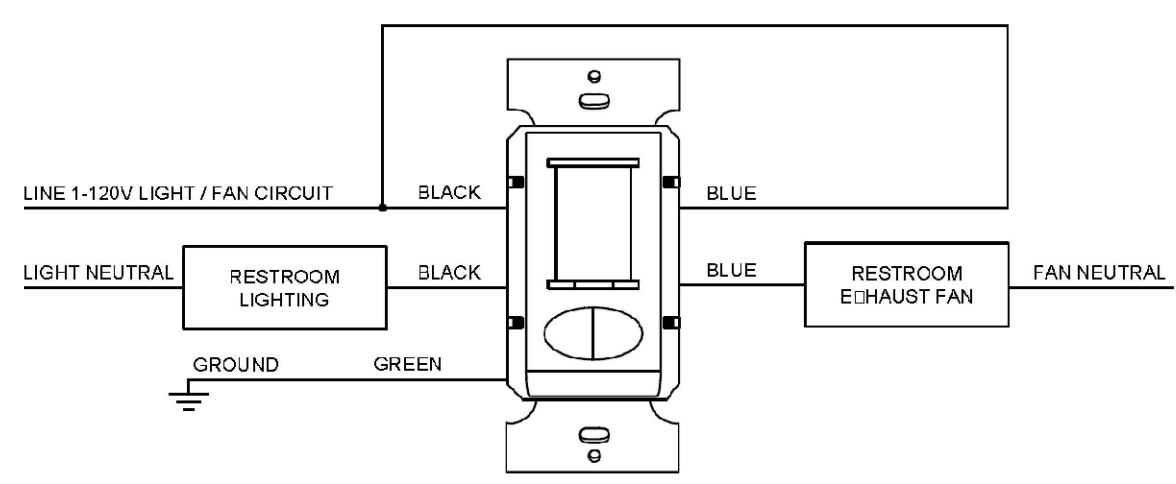
- 2. EXISTING LIGHT FIXTURES TO BE RELOCATED IN BETWEEN AISLES.
- 3. ALL ELEMENTS SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
- 4. INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS. INSTALL ROLL BATT INSULATION PERPENDICULAR TO THE CROSS TEES SO THAT THE WEIGHT OF THE INSULATION IS CARRIED BY THE GRID.
- 5. IF NEW ACOUSTICAL CEILING TILES INSTALLED, ALLOW FOR (1) UNOPENED BOX OF CEILING TILES TO REMAIN IN STORE.
- 6. NEW WORK SHALL NOT BE ON EMS. OCCUPANT SENSORS PLACED IN RESTROOM(S), WITH SWITCH OVERRIDE
- 7. PROVIDE UNSWITCHED CIRCUIT FOR EMERGENCY BATTERY PACKS. CONNECT TO BRANCH CIRCUIT AHEAD OF ALL CONTACTORS AND LOCAL SWITCHING.
- 8. PROVIDE ACUITY NLIGHT MODEL WS-PDT-2P-FAN-WH WALL MOUNTED OCCUPANCY SENSOR. SEE DETAIL E3.
- 9. PROVIDE CONNECTION TO NEW CEILING MOUNTED EXHAUST FAN. SEE DETAIL EXHAUST FAN.
- 10. NOT USED
- 11. "LV" LINE TYPE REPRESENTS CAT-5E CABLE. PROVIDE WITH RACK CONNECTIONS.
- 12. NOT USED
- 13. EXISTING EXTERIOR LIGHTING TO REMAIN, UNLESS NOTED BY NEW WORK. GC TO RELAMP BURNT OUT FIXTURES - TYPICAL.
- 14. CONNECT THROUGH EXISTING INTERIOR LIGHTING CONTRACTOR.
- 15. PROVIDE ACUITY NLIGHT MODEL NCM-PDT-9-ADC-R B CEILING MOUNTED OCCUPANCY SENSOR. SEE DETAIL E3
- 16. NOT USED
- 17. EXISTING LIGHTING TO REMAIN IN SERVICE. CONTRACTOR SHALL CLEAN AND RE-BULB ALL NON-FUNCTIONAL FIXTURES.
- 18. PROVIDE ACUITY NLIGHT MODEL WS -PDT-D-WH WALL MOUNTED OCCUPANCY SENSOR.
- 19. GC TO RE-LAMP NONFUNCTIONAL BACK OF HOUSE AND SHOP LIGHTS WITH REPLACEMENT BULBS OR T-8 LAMPS. LIGHT FIXTURES TO BE RELOCATED IN BETWEEN AISLES.
- 20. OCCUPANT SENSORS PLACED IN RESTROOM(S) ONLY.
- 21. BUILDING LIGHTS AND SIGNAGE LIGHTS TO BE ON COMBO TIMER / PHOTOCELL COMBO.
IF NOT PROVIDE-MANUFACTURER-TORK MODEL# DZS200BP.
- 22. GC TO USE EXISTING SIGNAGE CIRCUIT FOR NEW SIGNAGE. PROVIDE RELOCATION OF JUNCTION BOX AS REQUIRED FOR NEW SIGN LOCATIONS. PROVIDE TIMER AND LIGHT SENSOR.
- 23. ALL LOW VOLTAGE, SECURITY AND CCTVG CABLE SHALL BE PULLED AND INSTALLED BY PEP BOYS CONTRACTOR.
- 24. NOT USED
- 25. NOT USED
- 26. IN ALL EXISTING RESTROOMS, RE-LAMP NON-FUNCTIONAL LIGHT FIXTURES.
- 27. INTERIOR SIGN PACKAGES WILL ONLY BE USED FOR HIGHLY PRODUCTIVE STORE LOCATIONS, OTHERWISE NO NEW INTERIOR SIGNAGE PACKAGES.

CEILING / LIGHTING PLAN - PEP BOYS

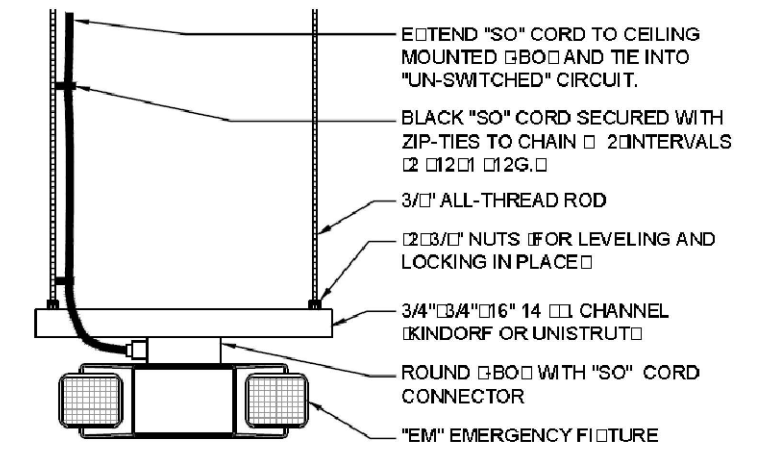
1/8" = 1'-0"

CENTER LIGHTS BETWEEN ALL STORAGE RACKS USE SALVAGED FIXTURES FROM DEMOLISHED SIDE TO EXTEND LIGHTING AS NEEDED TO ELIMINATE DARK SPOTS.

CIRCUIT ALL EMERGENCY & EXIT LIGHTS SHOWN TO LOCAL CIRCUITS AHEAD OF ANY LIGHTING CONTROLS.



WS 2P FAN OCCUPANCY SENSOR
N.T.S.



EMERGENCY LIGHT MOUNTING DETAIL
N.T.S.

PRIOR TO BID/START OF CONSTRUCTION REQUIREMENTS THESE DOCUMENTS ARE DIAGRAMMATIC IN NATURE AND IN SOME CASES, BASED ON INFORMATION THAT IS PROVIDED BY THE OWNER. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO BID. ANY DISCREPANCIES OR CONDITIONS INTERFERING WITH THE CONTRACTOR'S OVERSIGHT OR FAILURE TO VISIT THE SITE PRIOR TO BID, SHALL NOT BE AUTHORIZED OR COMPENSATED. COORDINATE ALL LOUVER SIZES AND LOCATIONS PRIOR TO START OF CONSTRUCTION. LAYOUT ALL EQUIPMENT IN MECHANICAL ROOM TO ENSURE PROPER SPACE AND CLEARANCES ARE AVAILABLE. CONTACT ARCHITECT IMMEDIATELY WITH ANY ISSUES.



CLIENT + PROJECT



STORE ALTERATIONS
PEP BOYS
 STORE # 0048
 775 ROUTE 70 WEST
 MARLTON, NJ 08053

DISTRIBUTION: DATE:
 BID 05-23-2024
 PERMIT 06-25-2024
 BID CONFORMANCE: 06-28-2024

PROJECT INFO:
 PROJECT NUMBER: 10154
 DRAWN BY: RD
 CHECKED BY: JD
 NOTE + COPYRIGHT:

DRAWING NAME + NUMBER
Lighting Plan

E3