

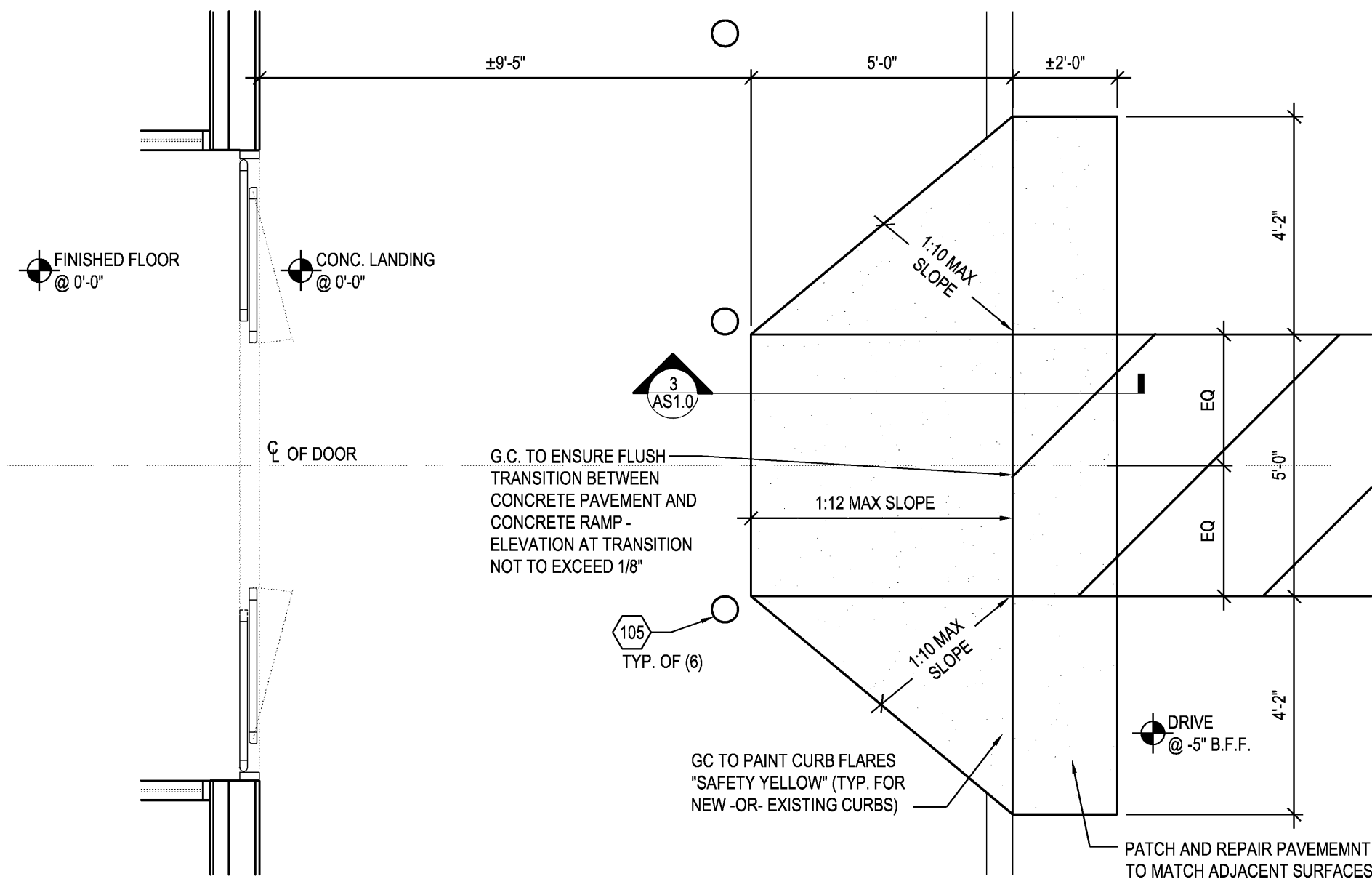
TEXAS CITY, TX 77590

LIST OF DRAWINGS

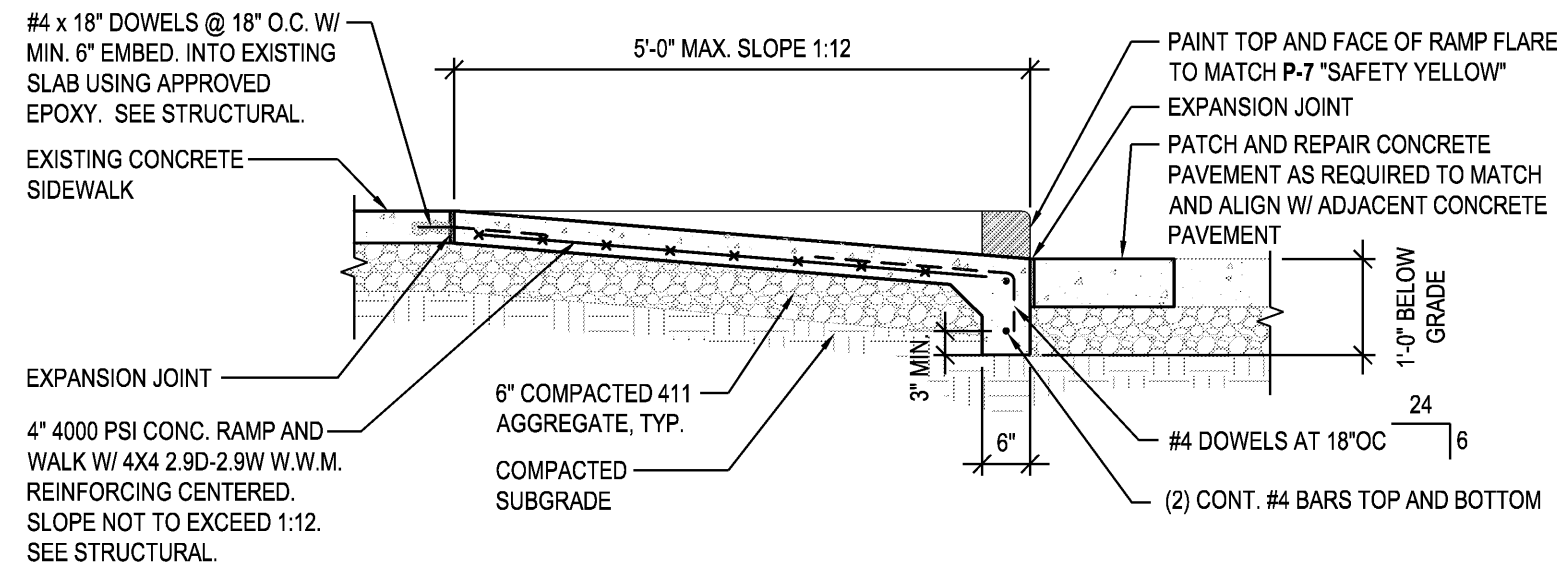
SCALE = NTS

G.C. TO SUPPLY AND INSTALL FIRE ALARM SYSTEM COMPONENTS AS NEEDED. G.C. TO COORDINATE MONITORING REQUIREMENTS WITH THE LANDLORD, EMG AND LOCAL AUTHORITY HAVING JURISDICTION.

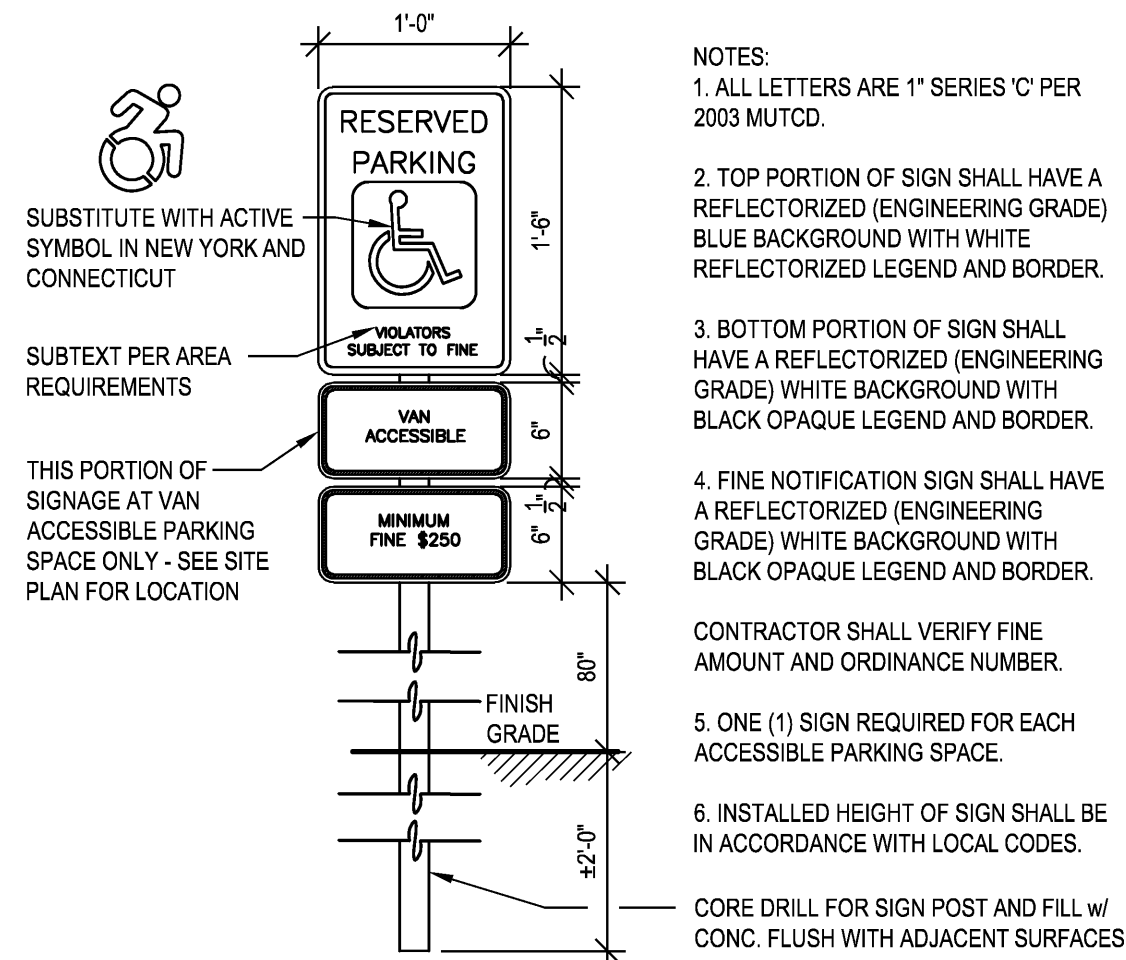
SHEET NO.



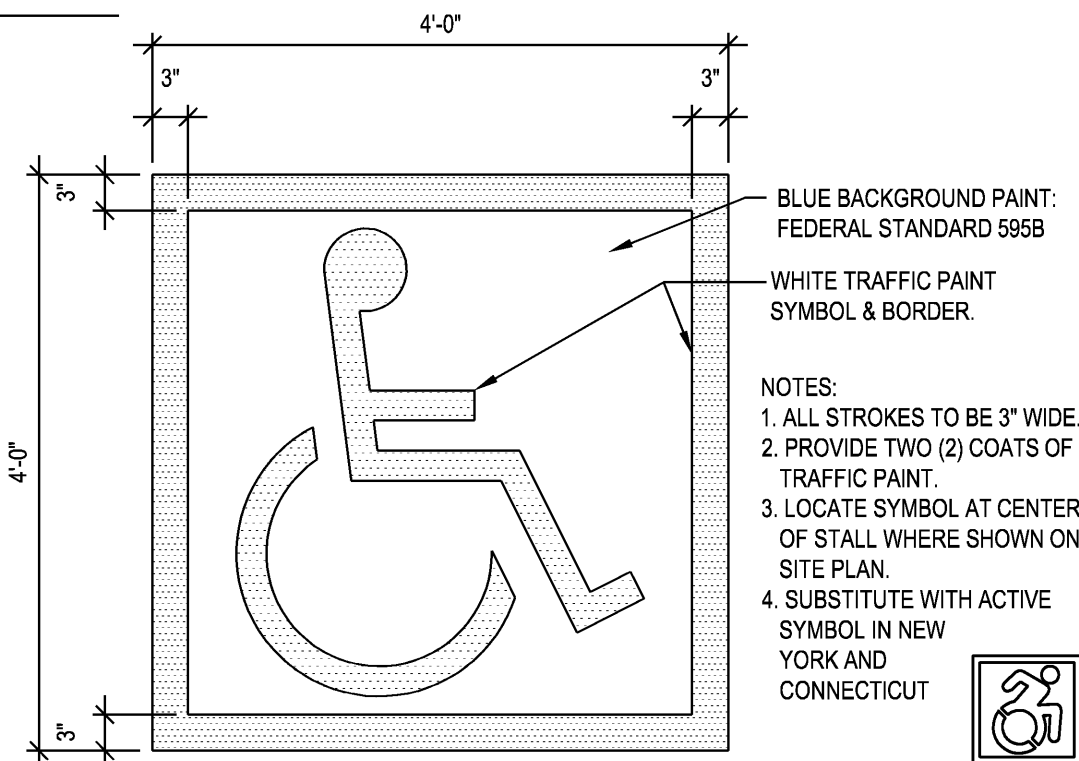
2 ACCESSIBLE RAMP PLAN DETAIL
SCALE: 3/8"=1'-0"



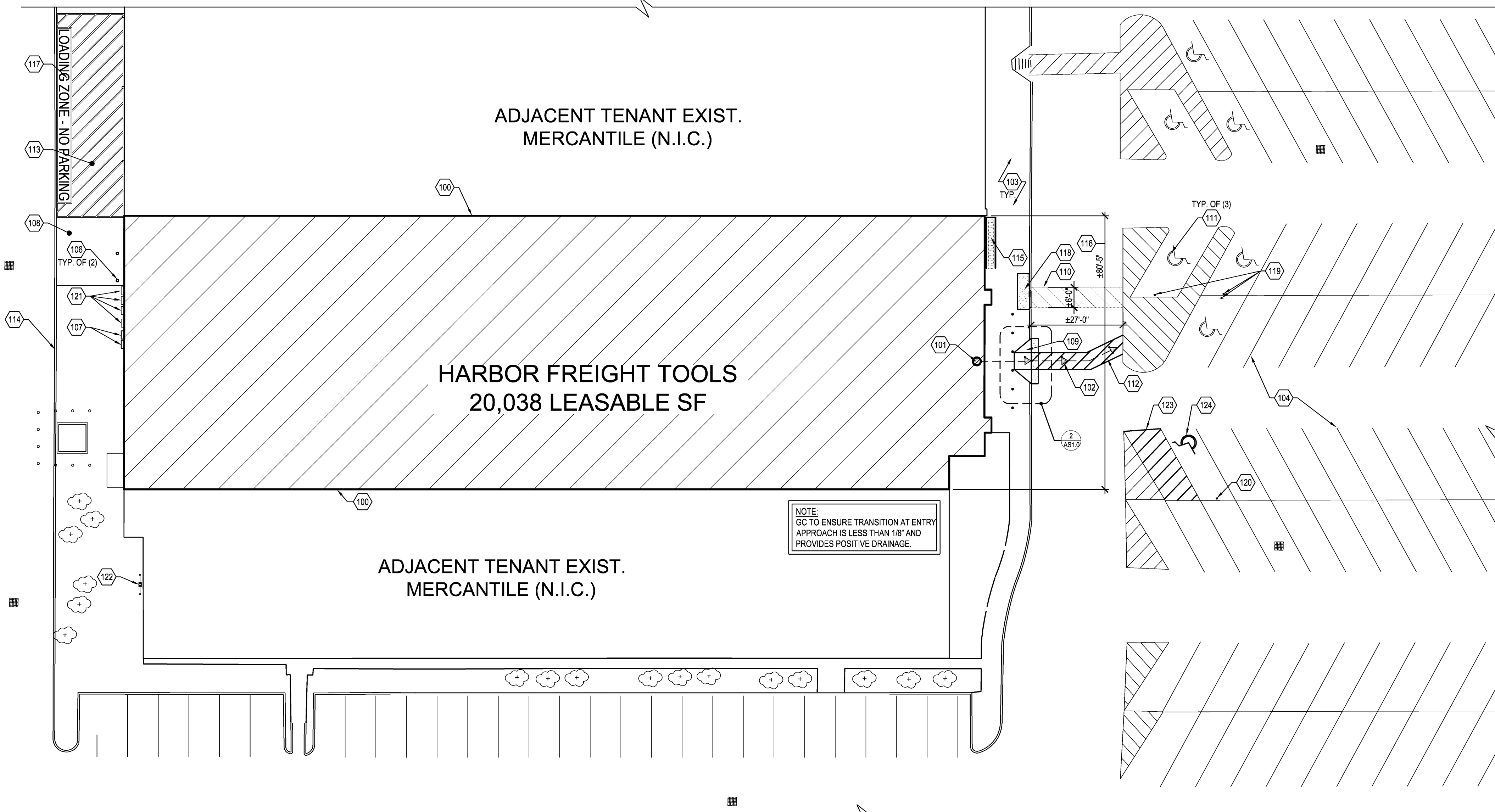
3 CONCRETE RAMP SECTION
SCALE: 1/2"=1'-0"



1 ACCESSIBLE SIGNAGE DETAIL
SCALE: 1"=1'-0"



4 ACCESSIBLE SYMBOL DETAIL
SCALE: 3/4"=1'-0"



ARCHITECTURAL SITE PLAN
SCALE: 1"= 20'



OVERALL SITE PLAN
NOT TO SCALE

GENERAL NOTES

- NO ADDITIONAL SITE CHANGES ARE REQUIRED, EXCEPT WHERE NOTED OTHERWISE ON ARCHITECTURAL FLOOR PLANS.

KEY NOTES

- APPROXIMATE LOCATION OF HFT LEASE LINE.
- MAIN TENANT ENTRANCE DOORS. SEE SHEET A1.1 AND A5.0 FOR ADDITIONAL INFORMATION.
- ACCESSIBLE PATH OF TRAVEL.
- EXISTING CONCRETE SIDEWALK.
- EXISTING PARKING STRIPING.
- 6" BOLLARD. SEE SHEET A1.1 AND DETAIL 3/A4.1 FOR ADDITIONAL INFORMATION.
- 8" BOLLARD. SEE SHEET A1.1 AND DETAIL 3/A4.1 FOR ADDITIONAL INFORMATION.
- APPROXIMATE LOCATION OF HFT ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING CONCRETE RECEIVING PAD. SEE SHEET A1.1 FOR ADDITIONAL INFORMATION.
- CONCRETE ACCESSIBLE RAMP. SEE DETAILS 2 AND 3 ON THIS SHEET FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO REMOVE EXISTING PAINTED STRIPING CROSSWALK.
- EXISTING ACCESSIBLE PARKING SYMBOL.
- NEW 5'-0" WIDE PAINTED STRIPED WALKWAY. STRIPING SHALL BE 4" WIDE, COLOR: BLUE - FEDERAL STANDARD 595B. DIAGONAL STRIPING @ 45°, 2'-0" O.C.
- AREA OF STRIPING TO DESIGNATE NO PARKING. STRIPING SHALL BE 4" WIDE, COLOR: SAFETY YELLOW. DIAGONAL STRIPING @ 45°, 3'-0" O.C.
- EXISTING CURB AT REAR OF DRIVE.
- APPROXIMATE LOCATION OF CART CORRAL.
- PAIN VERTICAL FACE OF CURB AND 6" HORIZONTAL EDGE OF CURB "SAFETY YELLOW".
- PAINT 3'-0" HIGH WHITE LETTERING STATING "LOADING ZONE - NO PARKING," FONT: ARIAL NARROW.
- CONCRETE RAMP INFILL. SEE SHEETS D1.0 AND A1.1 FOR ADDITIONAL INFORMATION.
- NEW ACCESSIBLE PARKING SIGNAGE. SEE DETAIL 1, THIS SHEET, FOR ADDITIONAL INFORMATION.
- NEW VAN ACCESSIBLE PARKING SIGNAGE. SEE DETAIL 1, THIS SHEET, FOR ADDITIONAL INFORMATION.
- APPROXIMATE LOCATION OF EXISTING ELECTRICAL EQUIPMENT - V.I.F.
- APPROXIMATE LOCATION OF GAS METER BANK - V.I.F. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- NEW 5'-0" WIDE PAINTED STRIPED ACCESS AISLE. STRIPING SHALL BE 4" WIDE, COLOR: BLUE - FEDERAL STANDARD 595B. DIAGONAL STRIPING @ 45°, 2'-0" O.C.
- NEW PAINTED ACCESSIBLE PARKING SPACE SYMBOL. SEE DETAIL 4/A51.0 FOR ADDITIONAL INFORMATION.



4/29/19



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REVISIONS

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ARCHITECTURAL SITE PLAN

DATE 4/26/19

JOB NO. 18280

AS1.0

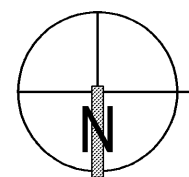
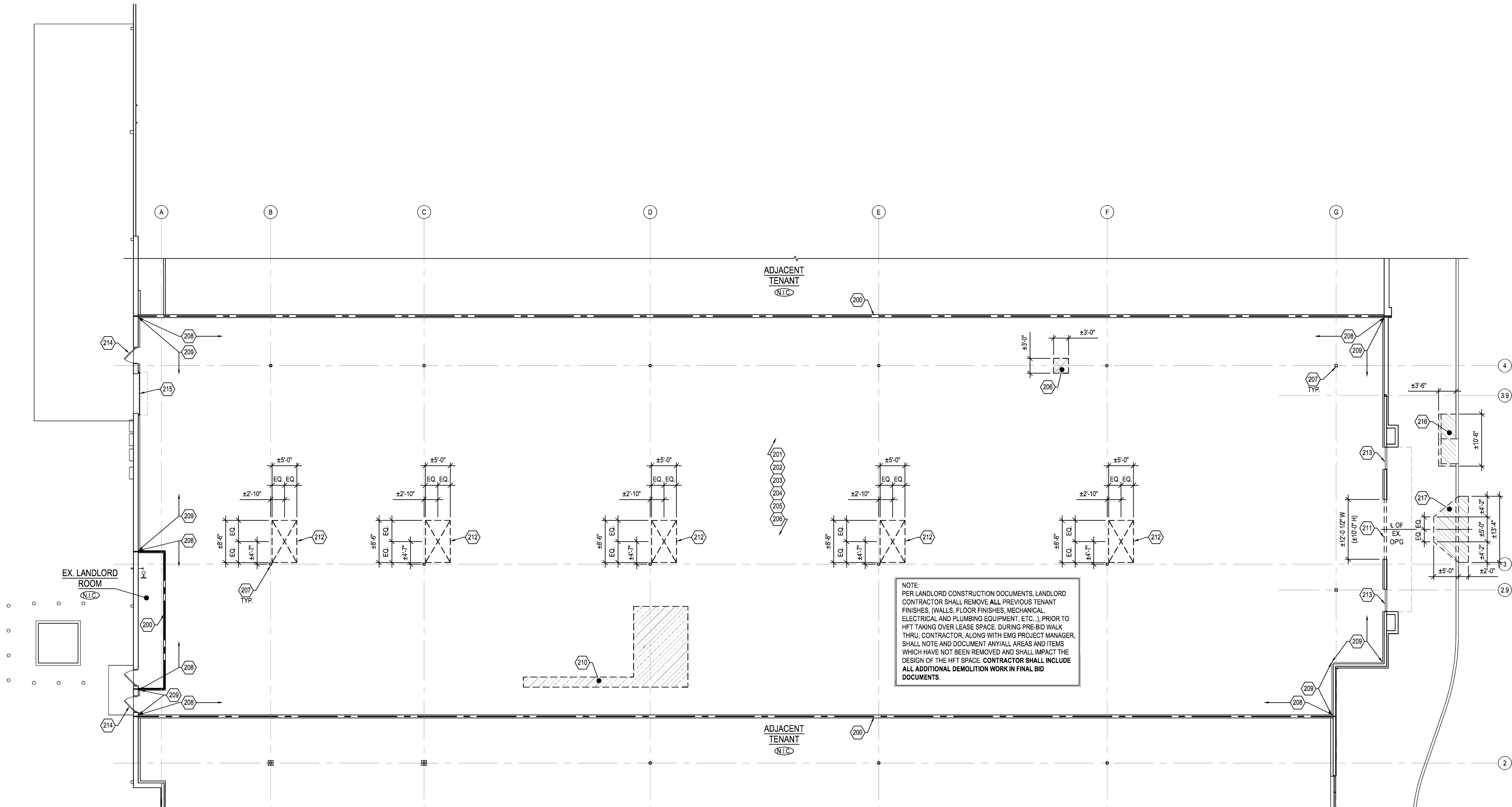
SHEET NO.

DO NOT SCALE THESE DRAWINGS

DEMO LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALLS
	EXIST. WALLS TO BE REMOVED
	EXISTING CONCRETE FLOOR SLAB TO BE REMOVED FOR PLUMBING TRENCHING.
	EXISTING CONCRETE FLOOR SLAB TO BE REMOVED FOR NEW CONCRETE INFILL.
	EXISTING CONCRETE PAVEMENT TO BE REMOVED.

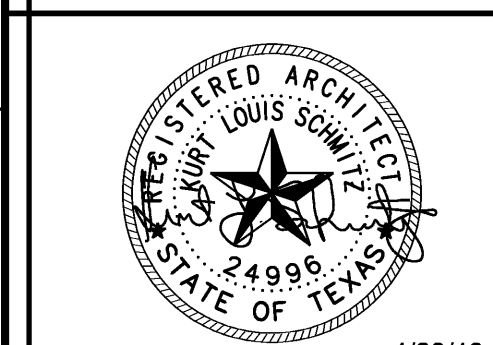
200 SERIES DEMOLITION KEY NOTES	
200. LOCATION OF LEASE LINE (LOCATED @ CENTERLINE OF DEMISING WALL).	211. REMOVE EXISTING TEMPORARY OPENING INFILL WALL AND PREPARE OPENING, AS REQUIRED, FOR NEW AUTOMATIC BI-PARTING DOOR SYSTEM. SEE SHEET A1.1 FOR ADDITIONAL INFORMATION.
201. EXISTING EXPOSED CONCRETE SLAB. PATCH AND REPAIR ANY DAMAGED SECTION OF CONCRETE SLAB. PREPARE SLAB TO RECEIVE SCHEDULED FINISHES (TYPICAL THROUGHOUT SPACE UNLESS NOTED OTHERWISE).	212. REMOVE EXISTING ROOFING SYSTEM AND ROOF DECKING AS NECESSARY FOR INSTALLATION OF NEW ROOFTOP HVAC UNIT. SEE SHEET A2.0 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. G.C. TO CONTRACT WITH LANDLORD'S ROOFING CONTRACTOR FOR ALL WORK RELATED TO MAINTAINING ROOFING WARRANTIES.
202. REMOVE FIXTURES (FIXED OR FREE-STANDING) THROUGHOUT THE SPACE.	213. EXISTING STOREFRONT WINDOW SYSTEM TO REMAIN. CONTRACTOR TO PROTECT EXISTING WINDOW SYSTEM FROM DAMAGE DURING CONSTRUCTION.
203. REMOVE ALL ABANDONED EQUIPMENT IN HFT SPACE.	214. EXISTING DOOR AND FRAME TO REMAIN. CONTRACTOR TO PROTECT DOOR AND FRAME FROM DAMAGE DURING CONSTRUCTION.
204. ALL DIMENSIONS TO BE FIELD VERIFIED AFTER DEMOLITION HAS BEEN COMPLETED. NOTIFY HFT PROJECT MANAGER IMMEDIATELY OF ANY DISCREPANCIES. HFT G.C. IS REQUIRED TO VISIT PROJECT SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO BID.	215. EXISTING COIL-UP OVERHEAD DOOR TO REMAIN. CONTRACTOR TO PROTECT EXISTING OVERHEAD DOOR AND ALL ASSOCIATED EQUIPMENT, FROM DAMAGE DURING CONSTRUCTION.
205. REMOVE ABANDONED ELECTRICAL EQUIPMENT NOT TO BE RE-USED, INCLUDING BUT NOT LIMITED TO, JUNCTION BOXES, CONDUIT, WIRING, ETC. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTE (TYPICAL THROUGHOUT SPACE).	216. REMOVE EXISTING CONCRETE RAMP AND ASSOCIATED CURBS COMPLETELY AND PREPARE AREA TO RECEIVE NEW CONCRETE INFILL. G.C. TO LOCATE AND PROTECT ALL UNDERGROUND UTILITIES PRIOR TO START OF DEMOLITION WORK. SEE SHEET A1.1 FOR ADDITIONAL INFORMATION.
206. ALL REMAINING OUTLETS, DRAINS, HOLES, ETC. IN THE FLOOR SHALL BE COMPLETELY CUT OUT AND CONCRETE REPLACED. CONCRETE SLAB INFILL AREAS OVER 12"x12" TO BE DOWELED INTO EXISTING ADJACENT SLAB. REFER TO SHEET A0.3 & DETAILS 485/A4.1 FOR ADDITIONAL INFORMATION.	217. SAW-CUT AND REMOVE PORTION OF EXISTING CONCRETE WALK, ALONG WITH EXISTING CONCRETE PAVEMENT, AND EXCAVATE AS NECESSARY FOR NEW CONCRETE RAMP. G.C. TO LOCATE AND PROTECT ALL UNDERGROUND UTILITIES PRIOR TO START OF DEMOLITION WORK. SEE SHEETS A81.0 AND A1.1 FOR ADDITIONAL INFORMATION.
207. EXISTING STRUCTURAL COLUMN. PREP. COLUMN FOR PAINT.	
208. EXISTING DEMISING WALL. G.C. TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT WALL DURING CONSTRUCTION. PATCH AND REPAIR AS REQUIRED TO MAINTAIN INTEGRITY OF EXISTING FIRE RATING (TYPICAL).	
209. EXISTING METAL STUD FURRING AND BATT INSULATION AT EXISTING EXTERIOR WALL TO REMAIN. CONTRACTOR TO PROTECT EXISTING FURRING AND BATT INSULATION FROM DAMAGE DURING CONSTRUCTION. SEE SHEET A1.1 FOR ADDITIONAL INFORMATION.	
210. SAWCUT AND REMOVE PORTION OF EXISTING CONCRETE SLAB FOR PLUMBING TRENCH (APPROX. 225 S.F.) TRENCH LAYOUT FOR REFERENCE ONLY. G.C. SHALL VERIFY DEPTH OF SANITARY TIE-IN POINT AND CONFIRM ADEQUATE FALL FOR THE SEWER LINE PRIOR TO TRENCHING CONCRETE. NOTIFY ARCHITECT IF ADEQUATE FALL IS NOT ACHIEVABLE. IN-FILL TRENCH WITH CONCRETE TO MATCH AND ALIGN WITH ADJACENT FLOOR SLAB (INCLUDING COLOR MATCH). TROWEL CONCRETE SMOOTH. SEE DETAILS 485/A4.1 FOR ADDITIONAL INFORMATION. REFER TO SHEET A0.3 FOR CONCRETE SPECIFICATIONS.	

GENERAL DEMOLITION NOTES	
1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING FIELD CONDITIONS SO AS TO BECOME FAMILIARIZED WITH THE DEMOLITION AND / OR REMOVAL WORK WHICH MAY BE REQUIRED TO PRODUCE RESULTS INTENDED IN THE CONTRACT DOCUMENTS. THE SCOPE OF WORK DESCRIBED IN THE CONTRACT DOCUMENTS ANTICIPATES THE DEMOLITION OF EXISTING CONSTRUCTION IN PART OR ITS ENTIRETY, AND THE REMOVAL, RELOCATION AND RE-POWERING OF CERTAIN CONSTRUCTION MATERIALS AND EQUIPMENT, INCLUDING ITEMS RELATED TO OTHER TENANTS WHICH MAY PASS THROUGH OR OCCUPY THIS TENANT'S SPACE. IT IS THE INTENT THAT EACH PORTION OF THE DEMOLITION AND REMODELING WORK BE DONE BY THE SPECIFIC TRADE INVOLVED IN THE INITIAL INSTALLATION. (i.e. CARPENTRY WORK BY THE CARPENTRY TRADE, MECHANICAL AND ELECTRICAL WORK BY THE MECHANICAL AND ELECTRICAL TRADES ETC.). THEREFORE, EACH CONTRACTOR AND SUBCONTRACTOR SHALL THOROUGHLY EXAMINE THE PROPOSED WORK AND MAKE ALLOWANCES IN HIS PROPOSAL FOR THE COST OF ALL DEMOLITION AND/OR REMOVAL WHICH MAY BE REQUIRED TO PRODUCE THE END RESULTS INTENDED BY THE CONTRACT DOCUMENTS.	CUTTING SUCH LINES, CAUSING EXPLOSIONS, ETC.
2. GENERAL CONTRACTOR TO COMPLETE ALL DEMOLITION AS NOTED IN CONTRACT DOCUMENTS AND REMOVE ALL DEBRIS AND RUBBISH FROM THE PROJECT AND BUILDING SITE.	8. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE CORE DRILL OF CONCRETE SLAB AT ALL AREAS WHERE UNDER SLAB MECHANICAL, PLUMBING AND ELECTRICAL WORK OCCURS. REVIEW AND COORDINATE EXACT LOCATIONS AND SIZES WITH THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. NOTE: DO NOT CUT SLAB WITHOUT WRITTEN APPROVAL FROM LANDLORD.
3. ALL AREAS WHERE DEMOLITION IS TO OCCUR IS TO BE SECTIONED OFF FROM THE PUBLIC AND ALL REQUIRED SHORING, BARRICADING, AND SCAFFOLDING TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.	9. ALL WORK TO BE COMPLETED FOLLOWING LANDLORD'S CONSTRUCTION RULES AND REGULATIONS'.
4. ALL WORK TO BE IN ACCORDANCE WITH O.S.H.A. REQUIREMENTS.	10. DEMOLITION OR DEMOLITION REMOVAL TO BE COMPLETED IN A MANNER THAT DOES NOT DISTURB ADJACENT TENANTS OR DISRUPT THE OPERATION OF ADJACENT TENANTS.
5. ALL RUBBISH AND DEBRIS TO BE REMOVED FROM THE PROJECT SITE WITHIN A 24 HOUR PERIOD OR PLACED IN PRE-APPROVED DUMPSTER LOCATIONS FOR REMOVAL OR DUMPSTER CHANGE OUT DAILY. THIS CONTRACTOR TO RECEIVE APPROVAL OF DUMPSTER LOCATION FROM BUILDING LANDLORD REPRESENTATIVE.	11. PROTECTION OF ADJACENT TENANTS OR SPACES IS REQUIRED PRIOR TO DEMOLITION.
6. ALL DEBRIS REMOVED FROM THE PROJECT SITE TO BE DUMPED IN ONLY APPROVED DUMPING SITE. ANY ASBESTOS REMOVAL OR DEBRIS DUMPING TO BE COMPLETED BY THIS CONTRACTOR, PER PROPER APPROVALS.	12. ALL CUTTING OF SERVICES OR UTILITIES AFFECTING THE BUILDING COMPLEX OR ADJACENT TENANTS INCLUDING SPRINKLER OPERATION TO BE COMPLETED ON "OFF HOURS". COORDINATE ALL SHUT DOWNS WITH LANDLORD. A 48 HOUR NOTICE REQUIRED.
7. GENERAL CONTRACTOR TO CONTACT BUILDING LANDLORD REPRESENTATIVE AND ALL UTILITY COMPANY REPRESENTATIVES HAVING JURISDICTION OVER THIS PROJECT TO ASCERTAIN BUILDING AND UTILITY COMPANY LINES ABOVE, WITHIN, OR BELOW PREMISES TO AVOID ANY POSSIBILITIES OF	13. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION.
	14. REFER TO MECHANICAL / PLUMBING DRAWINGS FOR MECHANICAL / PLUMBING DEMOLITION.
	15. DEMOLITION WORK TO BE PHASED TO ALLOW PROPER EGRESS FOR ANY PERSON IN CASE OF FIRE OR HAZARD AND NO DEMOLITION WORK CAN OCCUR IF THE WORK JEOPARDIZES A MEANS OF EGRESS FOR THE PUBLIC OR PROJECT EMPLOYEES.
	16. ALL FLOORING MATERIALS TO BE REMOVED UNLESS NOTED OTHERWISE.
	17. ALL LABOR TO BE COMPATIBLE WITH OTHER LABOR COMPLETING WORK IN THE BUILDING
	18. ANY LANDLORD COMPONENT THAT IS EXISTING IN THE SPACE MUST REMAIN VISIBLE AND ACCESSIBLE TO THE LANDLORD. (DUCTWORK, CLEANOUTS, ETC.) LABEL CLEARLY IN TENANT SPACE; PROVIDE ACCESS PANELS.
	19. HFT CONSTRUCTION MAY ATTACH TO BUILDING STRUCTURE ONLY. (NO ATTACHMENT TO ROOF DECK, LATERAL BRIDGING, CONDUITS, DUCTWORK, ETC. IS ALLOWED) FOR STABILITY.
	20. ALL FLOOR PENETRATIONS MUST BE CORE-BORED OR SAW-CUT. CONTRACTOR MUST X-RAY OR OTHERWISE SATISFACTORILY VERIFY THERE ARE NO EXISTING HIDDEN CONDITIONS PRIOR TO COMMENCING CORING/DRILLING OR SAW CUTTING.
	21. ALL EXISTING CONSTRUCTION NOT SCHEDULED FOR RE-USE OR NOTED TO BE ABANDONED IN PLACE MUST BE COMPLETELY DEMOLISHED AND PROPERLY DISPOSED OF OFF SITE. ALL UTILITIES MUST BE REMOVED TO THEIR POINT OF ORIGIN.

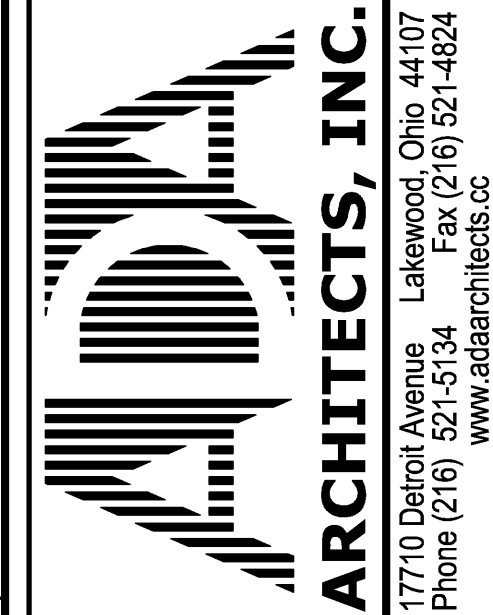


DEMOLITION PLAN
SCALE 3/32" = 1'-0"

DO NOT SCALE THESE DRAWINGS



4/29/19



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DEMOLITION PLAN

DATE 4/26/19

JOB NO. 18280

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SHEET NO.

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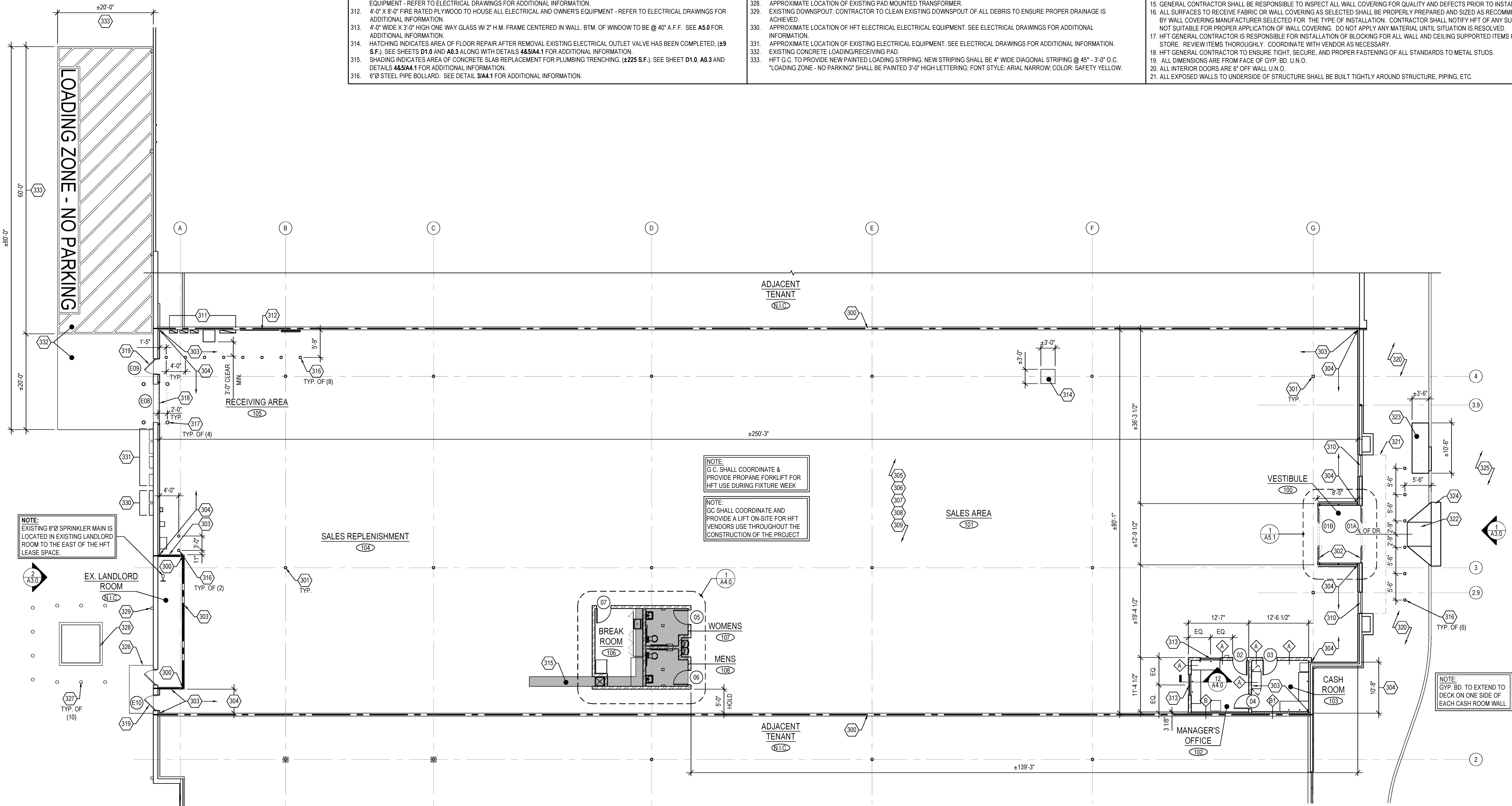
WALL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING WALL
	WALL. SEE WALL TYPES, SHEET A4.1, FOR ADDITIONAL INFORMATION.
	WALL TYPE DESIGNATION. SEE SHEET A4.1 FOR ADDITIONAL INFORMATION.
NOTE: 1. ALL WALLS BRACED TO STRUCTURE ABOVE @ 4'-0" O.C. MAX. 2. ALL WALLS TO BE PAINTED TO 6" ABOVE CEILING, TO UNDERSIDE OF DECK (IF CEILING IS OPEN TO STRUCTURE), AND BEHIND ALL WALL FIXTURES BY CONTRACTOR.	

300 SERIES FLOOR PLAN KEY NOTES

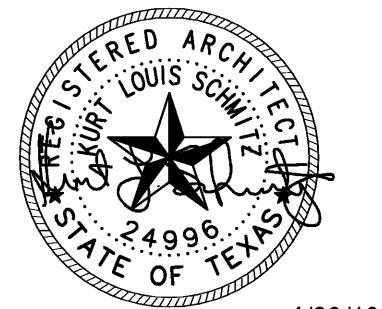
300. LOCATION OF LEASE LINE (LOCATED @ CENTER LINE OF DEMISING WALL).
301. EXISTING STEEL COLUMNS. PREP AND PAINT (P-4). SEE SHEET A1.3 FOR FINISHES.
302. AUTOMATIC BI-PARTING DOOR PACKAGE. SEE SHEETS A5.0 AND A5.1 FOR ADDITIONAL INFORMATION.
303. EXISTING DEMISING WALL. (BETWEEN ADJACENT TENANTS AT NORTH AND SOUTH SIDE OF HFT LEASE SPACE AND BETWEEN HFT LEASE SPACE AND LANDLORD ROOM AT EAST SIDE). CONTRACTOR TO PROTECT EXISTING DEMISING WALL FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR TO CAULK AND SEAL ALL PENETRATIONS IN EXISTING DEMISING WALL TO ENSURE FIRE-RATING OF EXISTING DEMISING WALL IS MAINTAINED. CONTRACTOR TO PATCH/REPAIR EXISTING GYP. BD. SURFACE TO DECK TO RECEIVE NEW FINISHES. SEE SHEET A1.3 FOR ADDITIONAL INFORMATION.
304. CONTRACTOR TO INSTALL NEW 5/8" TYPE 'X' GYP. BD. OVER EXPOSED FRAMING AT FRONT AND REAR EXTERIOR WALLS. NEW GYP. BD. SHALL EXTEND TO UNDERSIDE OF EXISTING ROOF DECK ABOVE. CONTRACTOR SHALL TAPE, MUD AND SAND NEW GYP. BD. AND PREPARE GYP. BD. TO RECEIVE NEW FINISHES. DO NOT EXTEND APPLIED GYP. BD. IN AREAS CONCEALED ABOVE ACT OR ROOM WALLS. CONTRACTOR TO INSTALL GYP. BD. CONTROL JOINTS AT 30'-0" O.C. MAX. SEE DETAILS C1A4.1 FOR ADDITIONAL INFORMATION. SEE SHEET A1.3 FOR ADDITIONAL INFORMATION.
305. SEE FUTURE PLAN ON A1.2 FOR FUTURE LAYOUT & ADDITIONAL NOTES.
306. SEE FINISH PLAN ON A1.3 FOR ALL FLOOR, WALL, AND CEILING FINISHES.
307. EXISTING CONCRETE SLAB - PATCH AND REPAIR TO ENSURE A SMOOTH AND LEVEL SLAB. PREP. SLAB TO RECEIVE NEW FINISHES. SEE SHEET A0.3 FOR ADDITIONAL INFORMATION.
308. NOTIFY HFT PROJECT MANAGER AT START OF CONSTRUCTION IF A LEVEL FLOOR CANNOT BE OBTAINED.
309. REUSED / EXISTING MATERIALS AND EQUIPMENT TO BE IN OPERATING CONDITION OR SPECIFY THE COST TO SUPPLY / INSTALL IN BID. HFT GENERAL CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH REPAIR / REPLACEMENT OF EXISTING / REUSED ITEMS.
310. EXISTING STOREFRONT WINDOW SYSTEM. CONTRACTOR TO PROTECT EXISTING WINDOW SYSTEM FROM DAMAGE DURING CONSTRUCTION.
311. LOCATION OF ELECTRICAL PANELS AND STEP-DOWN TRANSFORMER. MAINTAIN A 3'-0" CLEARANCE IN FRONT OF ELECTRICAL EQUIPMENT - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
312. 4'-0" X 8'-0" FIRE RATED PLYWOOD TO HOUSE ALL ELECTRICAL AND OWNER'S EQUIPMENT - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
313. 4'-0" WIDE X 3'-0" HIGH ONE WAY GLASS W/ 2" H.M. FRAME CENTERED IN WALL. BTM. OF WINDOW TO BE @ 40" A.F.F. SEE A5.0 FOR ADDITIONAL INFORMATION.
314. HATCHING INDICATES AREA OF FLOOR REPAIR AFTER REMOVAL EXISTING ELECTRICAL OUTLET VALVE HAS BEEN COMPLETED. (±9 S.F.). SEE SHEETS D1.0 AND A0.3 ALONG WITH DETAILS 48.5/A4.1 FOR ADDITIONAL INFORMATION.
315. SHADING INDICATES AREA OF CONCRETE SLAB REPLACEMENT FOR PLUMBING TRENCHING. (±225 S.F.). SEE SHEET D1.0, A0.3 AND DETAILS 48.5/A4.1 FOR ADDITIONAL INFORMATION.
316. 6"Ø STEEL PIPE BOLLARD. SEE DETAIL 31A.1 FOR ADDITIONAL INFORMATION.
317. 8"Ø STEEL PIPE BOLLARD. ALIGN CENTERLINE OF BOLLARD WITH EDGE OF DOOR OPENING AT OVERHEAD DOOR. SEE DETAIL 31A.1 FOR ADDITIONAL INFORMATION.
318. EXISTING OVERHEAD COIL-UP RECEIVING DOOR. CONTRACTOR TO PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. SEE SHEET A5.0 FOR ADDITIONAL INFORMATION.
319. EXISTING HOLLOW METAL DOOR AND FRAME TO REMAIN. CONTRACTOR TO PROTECT DOOR AND FRAME DURING CONSTRUCTION FROM DAMAGE. SEE SHEET A5.0 FOR ADDITIONAL INFORMATION.
320. EXISTING CONCRETE WALK.
321. LINE OF EXISTING CANOPY ABOVE. SEE SHEETS A2.0 AND A3.0 FOR ADDITIONAL INFORMATION.
322. ACCESSIBLE CONCRETE CURB RAMP. SEE SHEET A5.1.0 FOR ADDITIONAL INFORMATION.
323. HATCHING INDICATES AREA OF NEW REPLACEMENT CONCRETE SIDEWALK AND CURB AFTER REMOVAL OF EXISTING RAMP. NEW CONCRETE SHALL BE MIN. 4" THICK, 4,000 PSI CONCRETE W/ 4x4-W2.9xW2.9 W.W.M. REINFORCING OVER 4" COMPACTED AGGREGATE BASE ON COMPACTED SUB-BASE. NEW CONCRETE SHALL BE DOWELED INTO EXISTING ADJOINING CONCRETE SIDEWALK W/ #4 DOWELS x 18" LONG, 6" MIN. EMBEDMENT INTO EXISTING WALK WITH APPROVED ADHESIVE. (SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION). NEW CONCRETE TO ALIGN WITH EXISTING ADJOINING CONCRETE WALK.
324. HATCHING INDICATES AREA OF NEW REPLACEMENT CONCRETE AFTER REMOVAL OF EXISTING SIDEWALK AND PAVEMENT TO ALLOW FOR INSTALLATION OF NEW ACCESSIBLE CONCRETE CURB RAMP. NEW CONCRETE PAVEMENT SHALL MATCH AND ALIGN WITH EXISTING ADJOINING PAVEMENT. (±4" THICK) AND SHALL BE 4,000 PSI CONCRETE W/ 4x4-W2.9xW2.9 W.W.M. REINFORCING OVER 4" COMPACTED AGGREGATE BASE ON COMPACTED SUB-BASE. NEW CONCRETE SHALL BE DOWELED INTO EXISTING ADJOINING CONCRETE PAVEMENT W/ #4 DOWELS x 18" LONG, 6" MIN. EMBEDMENT INTO EXISTING PAVEMENT WITH APPROVED ADHESIVE. (SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION). G.C. TO ENSURE TRANSITION FROM RAMP TO PAVEMENT IS FLUSH CONDITION WITH MAX. ELEVATION CHANGE OF 1/8".
325. EXISTING CONCRETE PAVEMENT.
326. EXISTING CONCRETE PAD.
327. EXISTING BOLLARD - NO WORK.
328. APPROXIMATE LOCATION OF EXISTING PAD MOUNTED TRANSFORMER.
329. EXISTING DOWNSPOUT. CONTRACTOR TO CLEAN EXISTING DOWNSPOUT OF ALL DEBRIS TO ENSURE PROPER DRAINAGE IS ACHIEVED.
330. APPROXIMATE LOCATION OF HFT ELECTRICAL ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
331. APPROXIMATE LOCATION OF EXISTING ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
332. EXISTING CONCRETE LOADING/RECEIVING PAD.
333. HFT G.C. TO PROVIDE NEW PAINTED LOADING STRIPING. NEW STRIPING SHALL BE 4" WIDE DIAGONAL STRIPING @ 45° - 3'-0" O.C. *LOADING ZONE - NO PARKING* SHALL BE PAINTED 3'-0" HIGH LETTERING; FONT STYLE: ARIAL NARROW; COLOR: SAFETY YELLOW.

FLOOR PLAN NOTES

1. REFER TO GENERAL NOTES ON SHEET A0.2 FOR ADDITIONAL INFORMATION.
2. HFT GENERAL CONTRACTOR TO VISIT SITE AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING PROPOSALS AND COMMENCING WORK.
3. HFT GENERAL CONTRACTOR IS TO PROVIDE FULL TIME SUPERVISION OF PROJECT. NOTIFY HFT PROJECT MANAGER OF TYPICAL WORK HOURS.
4. HFT GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND TIMING OF ALL HFT VENDOR INSTALLATIONS. COORDINATE WITH HFT PROJECT MANAGER FOR LIST AND MILESTONE TIMING.
5. HFT GENERAL CONTRACTOR IS RESPONSIBLE FOR UNLOADING AND HANDLING ALL OWNER SUPPLIED MATERIAL AND DISPOSAL OF ALL PACKING MATERIALS AT THE JOB SITE.
6. HFT GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR QUALITY AND FIT OF ALL MATERIALS, INCLUDING, BUT NOT LIMITED TO, ALL REFURBISHED MATERIALS. ALL REFURBISHED MATERIALS TO APPEAR NEW.
7. HFT GENERAL CONTRACTOR TO COORDINATE WITH HFT'S FUTURE MANUFACTURE TO ENSURE FINISHES TO MATCH.
8. IF THE CONTRACTOR CONSIDERS ANY SURFACE UNSUITABLE FOR A PROPER FINISH, HE SHALL NOTIFY HFT AND ARCHITECT OF THE CONDITION AND NOT COMMENCE WORK UNTIL DIRECTED BY HFT OR ARCHITECT.
9. HFT GENERAL CONTRACTOR TO NOTIFY OWNER OF ANY DAMAGES/ SHORTAGES WITHIN 48 HOURS OF RECEIPT OR BEAR RESPONSIBILITY FOR REPLACEMENT OF SUCH.
10. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PUBLISHED INSTALLATION SPECIFICATIONS AND PROCEDURES OF THE MANUFACTURER OF THE MATERIAL USED.
11. PROTECT OTHER WORK AND MERCHANDISE AS REQUIRED TO PREVENT ANY DAMAGE.
12. PROVIDE A CLEAN SMOOTH CONCRETE SURFACE FOR PROPER INSTALLATION OF ALL FLOOR FINISHES.
13. APPLICATIONS OF PAINT SHALL BE ONE COAT PRIMER AND TWO COATS PAINT (U.N.O.). PRIMER SHALL BE SPECIFIED OR RECOMMENDED BY PAINT MANUFACTURER.
14. ALL ADHESIVES TO BE SUPPLIED BY HFT GENERAL CONTRACTOR. THE TYPE TO BE USED AS RECOMMENDED BY WALL COVERING MANUFACTURER SELECTED FOR THE TYPE OF INSTALLATION.
15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT ALL WALL COVERING FOR QUALITY AND DEFECTS PRIOR TO INSTALLATION.
16. ALL SURFACES TO RECEIVE FABRIC OR WALL COVERING AS SELECTED SHALL BE PROPERLY PREPARED AND SIZED AS RECOMMENDED BY WALL COVERING MANUFACTURER SELECTED FOR THE TYPE OF INSTALLATION. CONTRACTOR SHALL NOTIFY HFT OF ANY SURFACE NOT SUITABLE FOR PROPER APPLICATION OF WALL COVERINGS. DO NOT APPLY ANY MATERIAL UNTIL SITUATION IS RESOLVED.
17. HFT GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF BLOCKING FOR ALL WALL AND CEILING SUPPORTED ITEMS IN STORE. REVIEW ITEMS THOROUGHLY. COORDINATE WITH VENDOR AS NECESSARY.
18. HFT GENERAL CONTRACTOR TO ENSURE TIGHT, SECURE, AND PROPER FASTENING OF ALL STANDARDS TO METAL STUDS.
19. ALL DIMENSIONS ARE FROM FACE OF GYP. BD. U.N.O.
20. ALL INTERIOR DOORS ARE 6" OFF WALL U.N.O.
21. ALL EXPOSED WALLS TO UNDERSIDE OF STRUCTURE SHALL BE BUILT TIGHTLY AROUND STRUCTURE, PIPING, ETC.



FLOOR PLAN
SCALE 3/32" = 1'-0"



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HARBOR FREIGHT TOOLS

TEXAS CITY, TX 77590

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DO NOT SCALE THESE DRAWINGS

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FLOOR PLAN

DATE 4/26/19

JOB NO. 18280

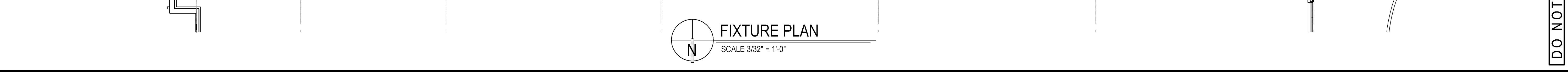
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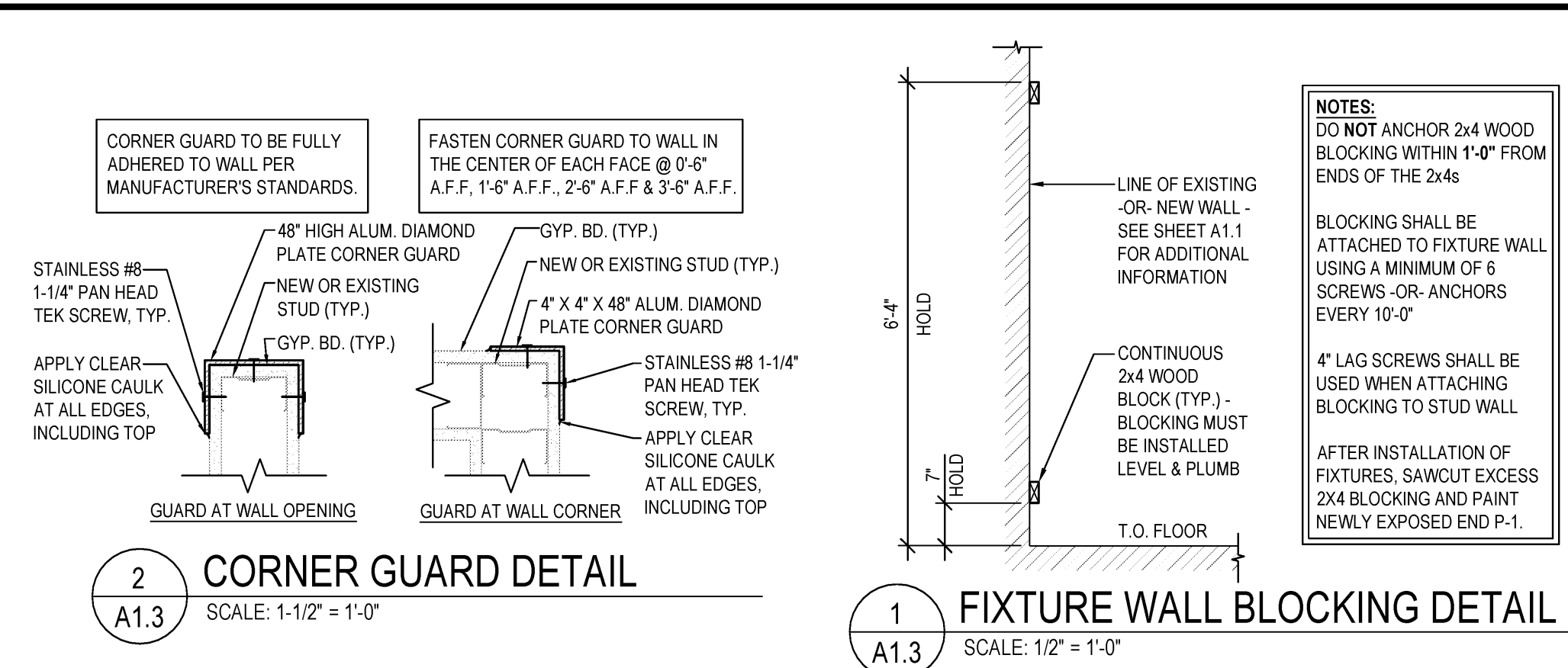
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CLEARANCE HEIGHTS CHART

AREA	CLEARANCE	HIGH POINT	LOW POINT
SALES	BOTTOM OF DECK	±24'-0" A.F.F.	±21'-5 3/4" A.F.F.
	BOTTOM OF STRUCTURE	±22'-8 3/4" A.F.F.	±19'-4" A.F.F.
	SPRINKLER LINES	③ L.P. OF STRUCTURE	
SALES REFRESHMENT	BOTTOM OF DECK	±21'-5 3/4" A.F.F.	±19'-9" A.F.F.
	BOTTOM OF STRUCTURE	±19'-4" A.F.F.	±18'-1 1/4" A.F.F.
	SPRINKLER LINES	③ L.P. OF STRUCTURE	
RECEIVING AREA	CLEARANCE @ O.H. DOOR		±18'-4" A.F.F.

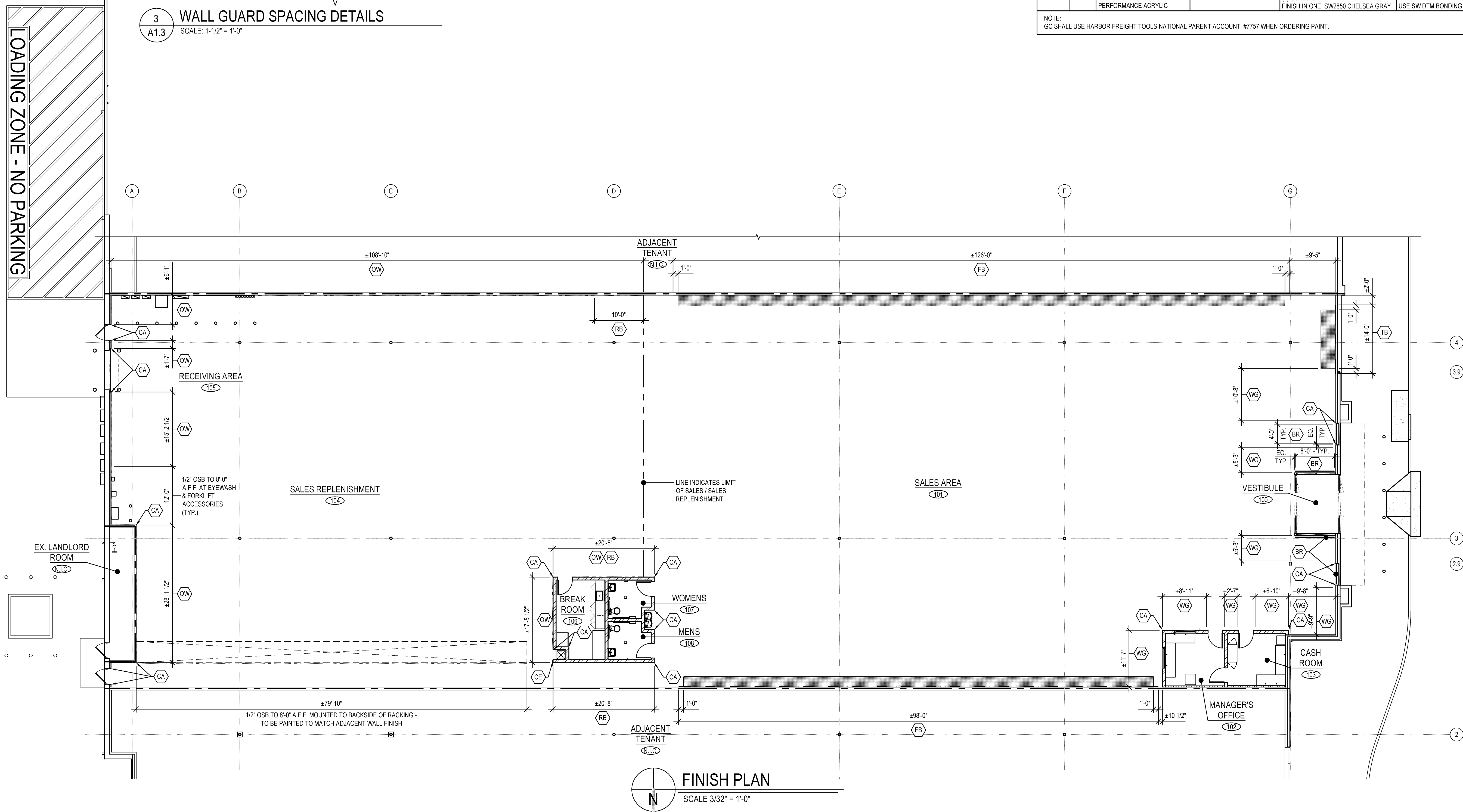




TAG SCHEDULE		ROOM SCHEDULE				
TAG	DESCRIPTION	NO.	ROOM NAME	WALL	BASE	FLOOR
WG	DENOTES 700 WALL GUARD, AS MANUFACTURED BY INPRO, "ANTIQUE WHITE, 0104" CENTERLINE OF RAIL MOUNTED @ 32" A.F.F. PER MANF. RECOMMENDATIONS. MIN. RUN 2'-0". HOLD WALL GUARD 2" FROM DOOR FRAMES AND CORNER GUARDS SEE DETAIL 3/A1.3 FOR ADDITIONAL INFORMATION. TERMINATE GUARDS WITH 701 END CAPS.	100	VESTIBULE	P-1	N/A	C-1
BR	MCCUE ZINC PLATED STEEL BOXRAIL HEAVY DUTY FLOOR BUMPER INSTALLED PER MANF. RECOMMENDATIONS.	101	SALES AREA	P-1	RB-1	CON-1
FB	LINE INDICATES WOOD BLOCKING FOR WALL FIXTURES. SHADED AREA INDICATES LOCATION OF WALL FIXTURES. SEE DETAIL 1/A1.3 FOR ADDITIONAL INFORMATION.	102	MANAGER OFFICE	P-1	RB-1	LVT-1
OW	SHADE LINE DESIGNATES AREAS TO RECEIVE 1/2" OSB WAINSCOT TO 4'-0" A.F.F. OSB WAINSCOT TO BE INSTALLED TO 8'-0" AT LOCATION OF FORKLIFT CHARGER AND EYEWASH STATION - SEE PLAN FOR ADDITIONAL INFORMATION.	103	CASH ROOM	P-1	RB-1	LVT-1
CB	CORNER GUARD. SEE DETAIL 2/A1.3 FOR ADDITIONAL INFORMATION. TYPES: A, B, C, D, E	104	SALES REPLENISHMENT	P-1	AS NOTED	CON-1
CA	CA - GUARD AT CORNER CB - 5" AT OPENING CC - 5-1/2" AT OPENING CD - 7-3/8" AT OPENING CE - 7-7/8" AT OPENING	105	RECEIVING AREA	P-1	AS NOTED	CON-1
RB	INSTALL BASE "RB-1" WITHIN SALES REPLENISHMENT AREA, DIMENSIONED LOCATION ONLY	106	BREAK ROOM	P-1	RB-1	LVT-1
TB	INSTALL 2x4 WOOD BLOCKING AT 5'-0" A.F.F. TO CENTERLINE, DIMENSIONED LOCATION ONLY. PAINT TO MATCH P-1.	107	WOMEN'S RESTROOM	WC-1	RB-1	LVT-1
	DIMENSIONS SHOWN FOR ESTIMATION OF MATERIALS PURPOSES ONLY (TYP.)	108	MEN'S RESTROOM	WC-1	RB-1	LVT-1

FINISH SCHEDULE				
KEY	MATERIAL	MFR.	COLOR	REMARKS
WALL FINISH	P-1 PAINT	SHERWIN - WILLIAMS	SW7006 EXTRA WHITE (EGGSHELL)	UTILIZE PROMAR 200 (0 VOC) - NO SUBSTITUTIONS
	P-2 LATE PAINT	SHERWIN - WILLIAMS	SW7006 EXTRA WHITE (SEMI-GLOSS)	UTILIZE PROMAR 200 (0 VOC) - NO SUBSTITUTIONS
	P-6A PAINT-PRIMER	SHERWIN - WILLIAMS	WHITE	PREPRITE PROBLOCK PRIMER- NO SUBSTITUTIONS
	WC-1 FIBER REINFORCED PLASTIC (FRP) TO CEILING	SHERWIN - WILLIAMS	WHITE	PROMAR BLOCK FILLER- NO SUBSTITUTIONS
FLOOR FINISH	CON-1 CONCRETE FLOOR SEALANT	HARBOR FREIGHT VENDOR	N/A	TRIM AND CUT AROUND ALL DISPENSERS & MIRRORS WHICH OVERLAP FRP AND CAULK EDGES. PROVIDE PVC TRIM MOLDING AT WALL BASE, DIVISION SEAMS, INSIDE AND OUTSIDE CORNERS AND EDGES. MITER TRIM AT ALL CORNERS AND CAULK ALL EXPOSED EDGES OF MOLDINGS.
	LVT-1 BETON - 36" X 36" X 2.5 MM. DRYBACK VINYL TILE	FLOORMAX USA	177 - AGGREGATE	GRIND AND POLISH ALL CONCRETE FLOORS AS SPECIFIED ON SHEET A0.2
	C-1 CARPET TILE	MATWORKS - MONSTER TILE	CHARCOAL	JOINT WHERE VINYL TILE FLOOR MEETS 6" RUBBER BASE TO BE SEALED WITH SILICONE SEALANT.
BASE	RB-1 6" RUBBER BASE	FLOORMAX USA	(BLACK) CB-40	WALL BASE TO BE INSTALLED ON ALL WALLS (EXCEPT AT GLASS / ALUMINUM STOREFRONT) THROUGHOUT INTERIOR OF SPACE
	ACT-1 ACOUSTICAL CEILING TILE	ARMSTRONG	WHITE	2' x 4' CORTEGA SQUARE LAY-IN TILE #769 w/ PRELUDE 15/16" EXPOSED TEE GRID.
CEILING	ACT-2 ACOUSTICAL CEILING TILE	NATIONAL GYPSUM	WHITE	2' x 4' GOLD BOND BRAND, GRIDSTONE 1/2" FIRE-SHIELD GYPSUM CEILING PANELS w/ PRELUDE 15/16" EXPOSED TEE GRID.
	P-5 PAINT	SHERWIN - WILLIAMS	DRY FALL (FLAT WHITE)	WATERBORNE ACRYLIC DRYFALL: UTILIZE B42W00181 (LOW VOC) - NO SUBSTITUTIONS
MISC.	P-3 INDUSTRIAL ENAMEL	SHERWIN - WILLIAMS	HONORABLE BLUE #6811	
	P-4 INDUSTRIAL ENAMEL	SHERWIN - WILLIAMS	SW7006 EXTRA WHITE (SEMI-GLOSS)	SEE PLAN FOR EXTENTS OF FLOOR STRIPING
	P-7 INDUSTRIAL ENAMEL	SHERWIN - WILLIAMS	SAFETY YELLOW (SEMI-GLOSS)	INTERIOR DOORS AND DOOR FRAMES
	P-8 INDUSTRIAL ENAMEL	SHERWIN - WILLIAMS	SW6385 DOVER WHITE (SEMI-GLOSS)	FOR STEEL HANDRAILS USE (1) COAT MACROPOXY 646 EPOXY PRIMER
	P-9 INDUSTRIAL ACRYLIC POLYURETHANE	SHERWIN - WILLIAMS	(2) COATS ACROLON 218 HS (GLOSS)-SW6811 HONORABLE BLUE	FOR EXPOSED EXTERIOR STEEL USE (1) COAT MACROPOXY 646 EPOXY PRIMER
	P-10 INDUSTRIAL ACRYLIC POLYURETHANE	SHERWIN - WILLIAMS	(2) COATS ACROLON 218 HS (GLOSS)-COLOR TO MATCH EXISTING ROOFING	FOR EXISTING METAL PANELS - PRE-FINISHED USE SW DTM BONDING PRIMER
	P-11 INDUSTRIAL HIGH PERFORMANCE ACRYLIC	SHERWIN - WILLIAMS	(2) COATS SW BOND PLEX PRIMER & FINISH IN ONE: SW2850 CHELSEA GRAY	

NOTE:
GC SHALL USE HARBOR FREIGHT TOOLS NATIONAL PARENT ACCOUNT #7757 WHEN ORDERING PAINT.



REGISTERED ARCHITECT
JAMES L. SCHULTZ
STATE OF TEXAS
#4995

4/29/19

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FINISH PLAN

DATE 4/26/19

JOB NO. 18280

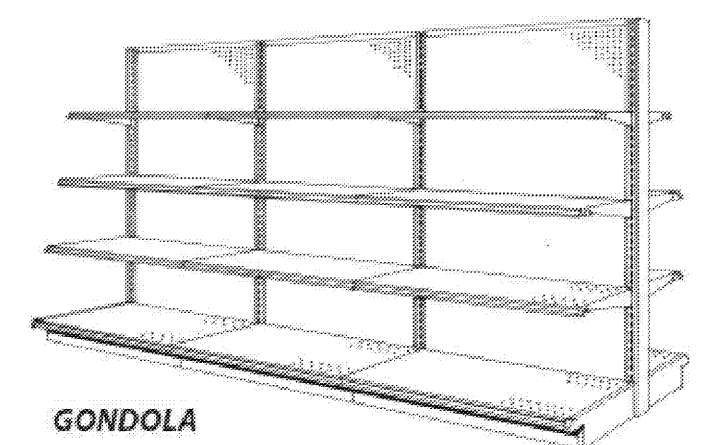
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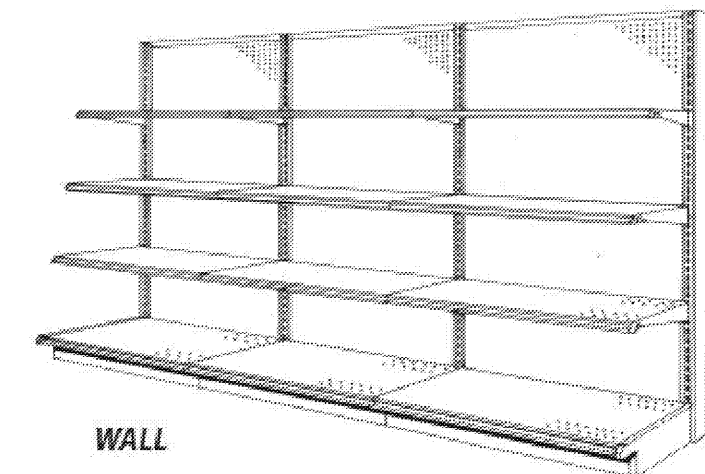
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MAXILINE GONDOLA AND WALL GENERAL ASSEMBLY

NOTE! This publication is intended to be a generic installation instruction for Madix gondola and wall shelving, and may possibly be subject to change as required by the local building codes. Consult the building inspection department at the job site.



GONDOLA



WALL

IMPORTANT! When unloading, stack all boxes...
1. WITH THE LABELS VISIBLE.
2. WITH THE SAME DESCRIPTION TOGETHER.
3. WITH THE SAME PART NUMBER TOGETHER.

READ AND UNDERSTAND THIS DOCUMENT BEFORE PROCEEDING TO INSTALL SHELVING. SPECIAL ITEMS THROUGHOUT ARE DENOTED WITH:

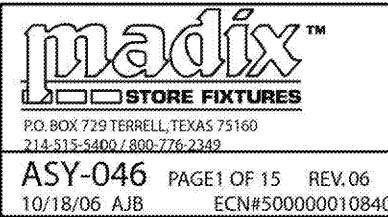
CAUTION!

IMPORTANT!

WARNING!

NOTE!
THE STANDARD PRODUCTS LISTED BELOW WILL ALTER THE INSTALLATION PROCEDURE SHOWN. Specific instructions covering any products listed below, if ordered, are included with this document package. Refer to them prior to beginning installation since your procedure will be altered.

END MERCHANDISER.....ASY-652
CANOPIES.....ASY-092
TELESCOPING UPRIGHTS.....ASY-027
BOX CORNER.....ASY-098
METAL END FLAT.....ASY-269
INSIDE CORNER.....ASY-062
OPEN BACK STIFFENER.....ASY-042
OUTSIDE CORNER.....ASY-059
FLOOR ANCHORS.....ASY-357
WIRE GRID BACKS.....ASY-328
OUTSIDE MOUNT END
MERCHANDISER.....ASY-064
TRIPLE BACK SYSTEM.....ASY-325



PALLET LABEL LAYOUT

Diagram showing a pallet label layout with fields for Pallet #, MFQ Order #, Madix Order #, Carrier, Ship Date, Customer P.O., To: The Customer, Ship To Address, Pack Type Request, Items on Pallet, Quantity on Pallet, Material #, Material Description, Material Color(s), and Pallet Weight.

POST THIS ENTIRE PAGE IN A CONSPICUOUS PLACE, CLEARLY VISIBLE TO ALL STORE PERSONNEL

WARNING!

READ BEFORE ASSEMBLY - FOR YOUR SAFETY!

- Install all shelving and/or fixtures as described in installation instruction.
- Shelving and components should ONLY be installed by trained personnel who have read and understand these instructions. Failure to do so may result in product damage or personal injury.
- Do not exceed the maximum load capacities as outlined under all headings related to Load Limits or Capacities in this document.
- Never use damaged parts.
- Install and use components only as directed.
- Do not combine Madix products with non-Madix products.
- Always install kickplates (KP-(nw)) to retain the structural integrity of the shelving. Kickplates must be installed correctly!
- Do not hang shelves, peg hooks or other accessories on the side of a fixture that does not have base shoes (BS) installed.
- Do not hang shelving, peg hooks or other accessories that exceed the depth of the base on a gondola or wall.
- All components that require trim, such as uprights (BU) and base shoes (BS) should have trim installed.
- Never expose any sharp or pointed edges to shoppers or employees.
- Do not climb or stand on shelving.
- Provide safe access to all levels of shelving according to OSHA regulations.
- Do not move assembled unit.
- Do not rearrange shelving while merchandised.
- Do not lean heavy items against shelving.
- All end panels (EP) and other panels for merchandising or aesthetics must have bases in order to direct traffic away from protrusions.



TERRELL, TX 800-776-2349

www.madixinc.com

CLEANING SHELVING:

IMPORTANT INSTRUCTIONS FOR CLEANING
MADIX METAL SHELVING:

When necessary to clean Madix shelving, use of a non-abrasive mild detergent and warm water, followed by thorough drying is ideal. The use of a cloth made of a soft, white cotton material is strongly recommended. The use of cleaning agents that contain abrasives, bleach, or strong solvents such as ketones, ethers etc. will result in damage to the finish. The damage is most severe when these harsh cleaning agents are used on colors which contain leafing aluminum pigment such as powder chrome, silver vein and other "vein" type finishes. The aluminum in these coatings resides at the surface of the finish and is therefore more susceptible to damage by the harsh cleaning agents. As an alternative to the mild detergent, cleaners with ingredients similar to those found in products such as 409, Fantastik, and Simple Green can be used. CAUTION! cleaners having ingredients similar to those found in Ajax, Borax, Bleach, Comet, etc. should be avoided as finish damage could result.

WARNING! ALL GONDOLA AND WALL FIXTURES EXCEEDING 96" IN HEIGHT MUST BE SECURELY ANCHORED! SEE ASY-357 FOR PROPER ANCHORING PROCEDURES FOR GONDOLA AND WALL!

WARNING! NEVER STACK EXTENSION UPRIGHTS (EU). Do not exceed maximum load capacity on EU. Maximum load capacity for EU 6" to 12" is 250 lb per side, 13" to 18" is 215 lb per side, 19" to 24" is 160 lb per side, and 24" and up is 100 lb per side. SEE ASY-018 FOR EU INSTALLATION.

WARNING! LOAD CAPACITY FOR PEGBOARD BACKS: MAX 150 lbs per side with HSL lower spanner in place MAX 300 lbs per side with HSL Heavy Duty Lower Spanner

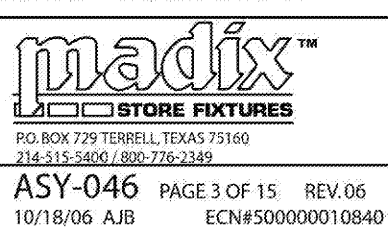
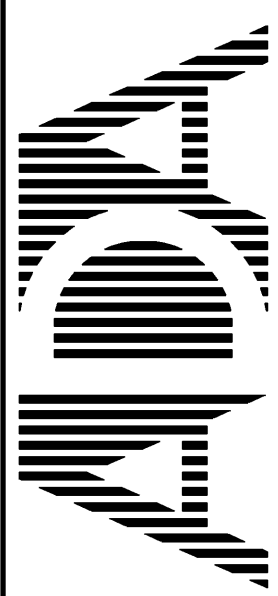


Diagram showing fixture height to base width and bolted upper shelves. Includes tables for WALLS... USE CHART FOR EXAMPLE ONLY: BASE SHELF DEPTH OF, EQUALS LEVELER SPACING OF, MAX HEIGHT OF UNANCHORED UPRIGHT. GONDOLAS... USE CHART FOR EXAMPLE ONLY: BASE SHELF DEPTHS OF, EQUALS LEVELER SPACING OF, MAX HEIGHT OF UNANCHORED UPRIGHT.



4/29/19



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FIXTURE SPECIFICATIONS AND DETAILS

DATE 4/26/19

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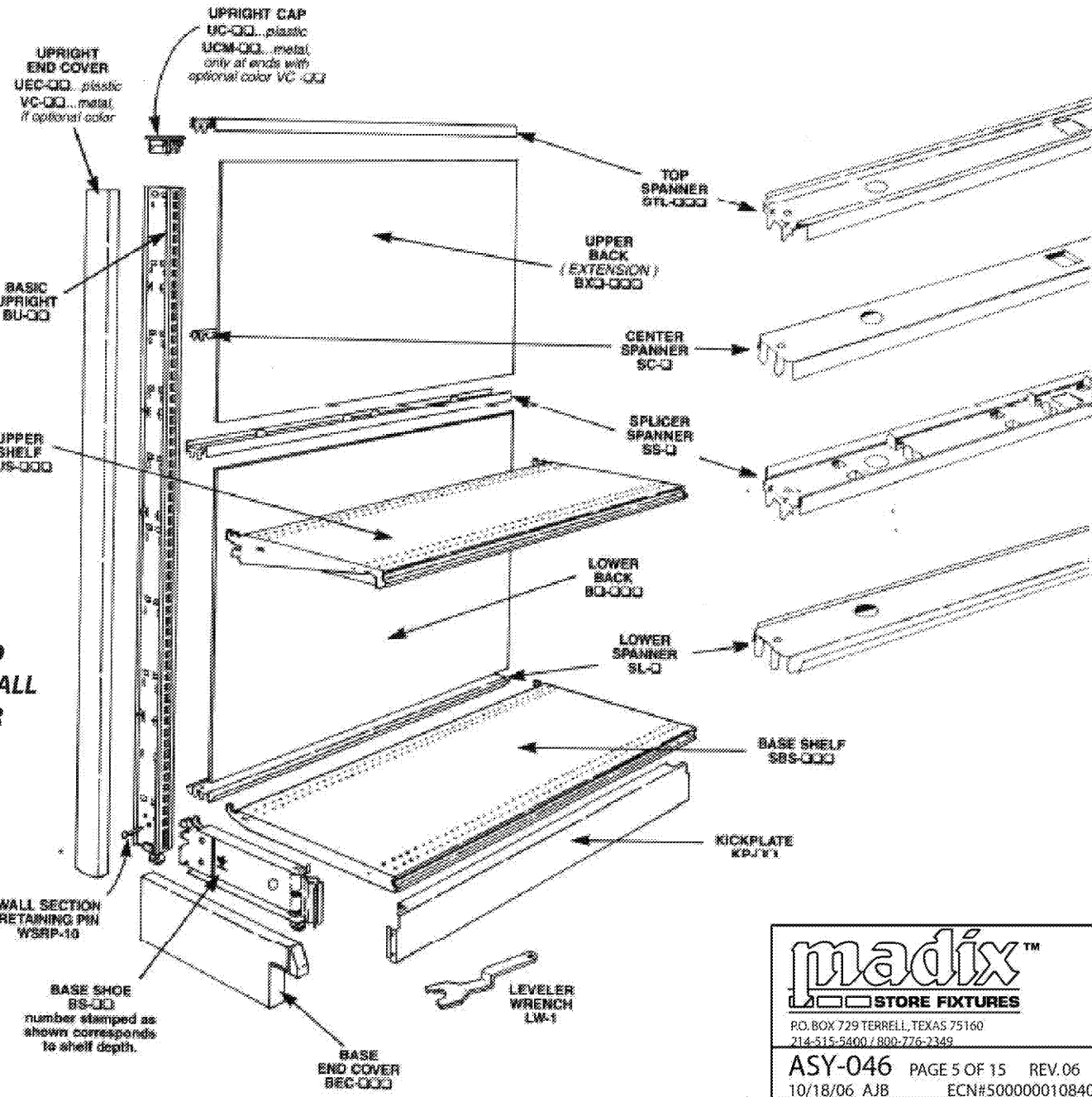
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GONDOLA / WALL PARTS IDENTIFICATION...

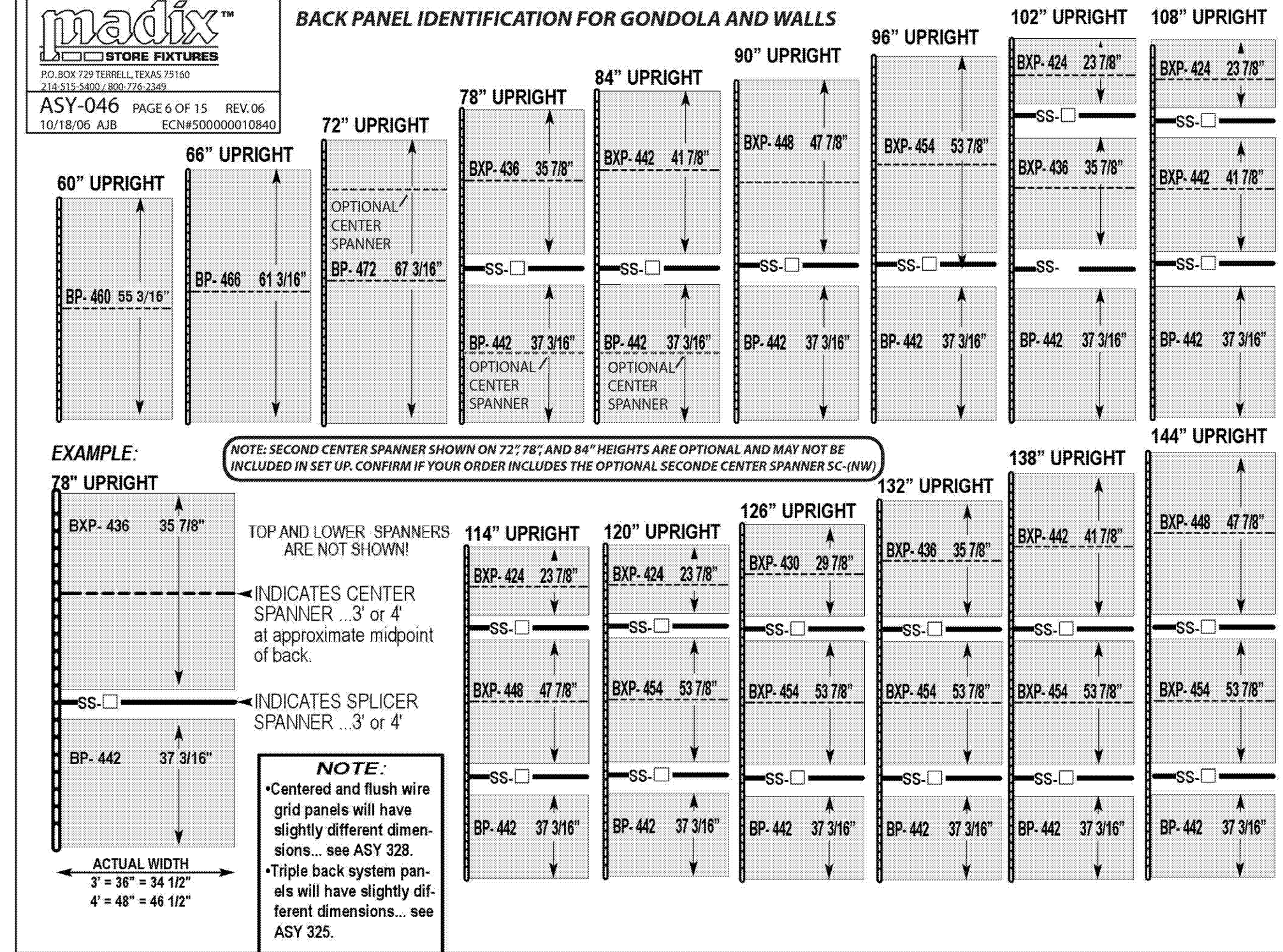
- THE PARTS SHOWN HERE REPRESENT A WALL, SINGLE SIDED, SECTION.
- BOTH GONDOLA AND WALL SECTIONS USE THE SAME PARTS.
- PAGES 7-10 SHOW INSTALLATION OF A GONDOLA, DOUBLE SIDED, FIXTURE.

WSRP MUST BE INSTALLED IN ALL WALL UPRIGHTS AND ALL UPRIGHTS ABOVE 96" FOR GONDOLA AND WALL!

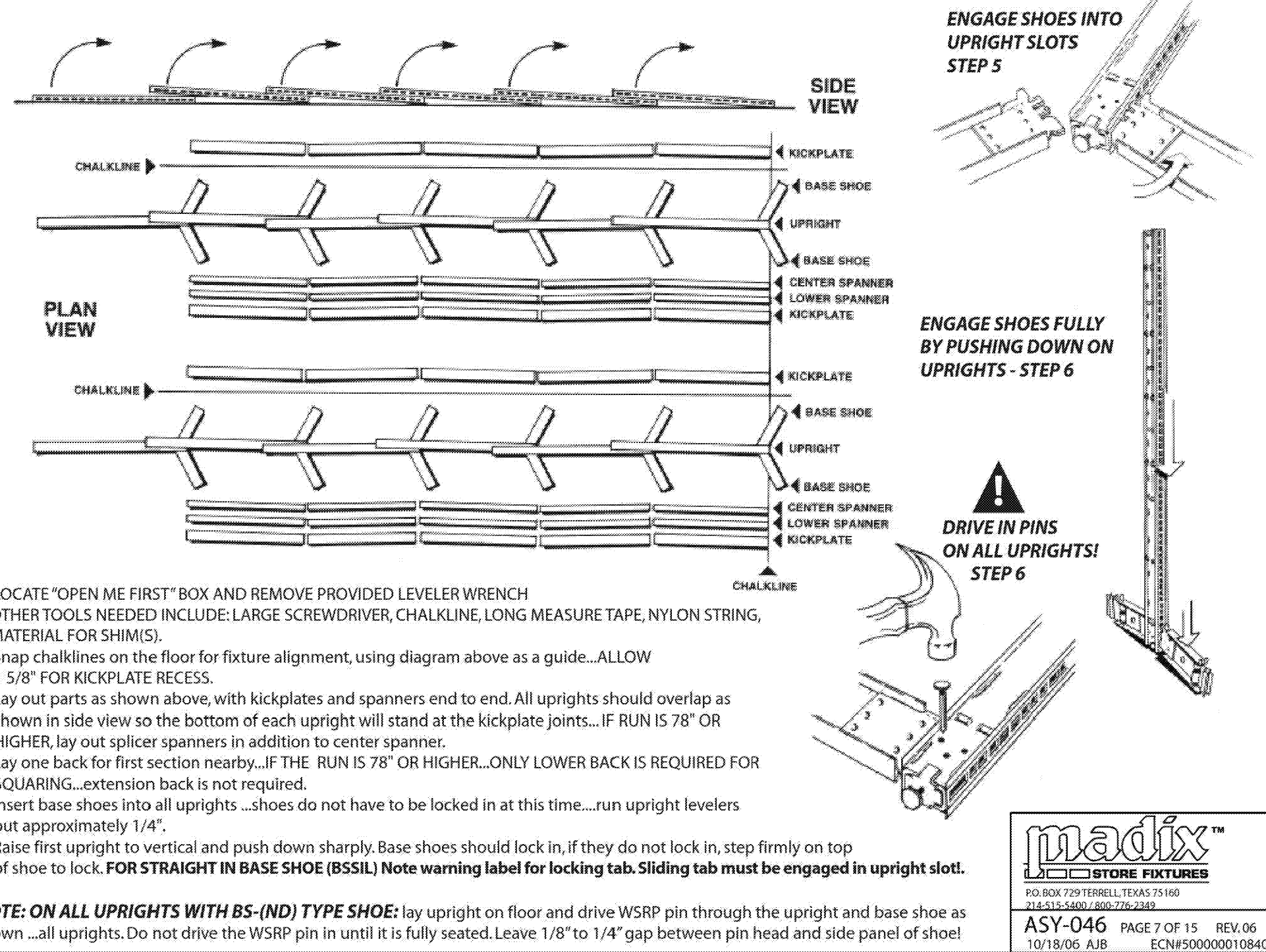
NOTE:
ONLY BS-(ND) SHOES
WILL REQUIRE THE WSRP,
BSSL-(ND) DO NOT
REQUIRE THE WSRP.



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ASY-046 PAGE 5 OF 15 REV.06
10/18/06 AJB ECN#S00000010840

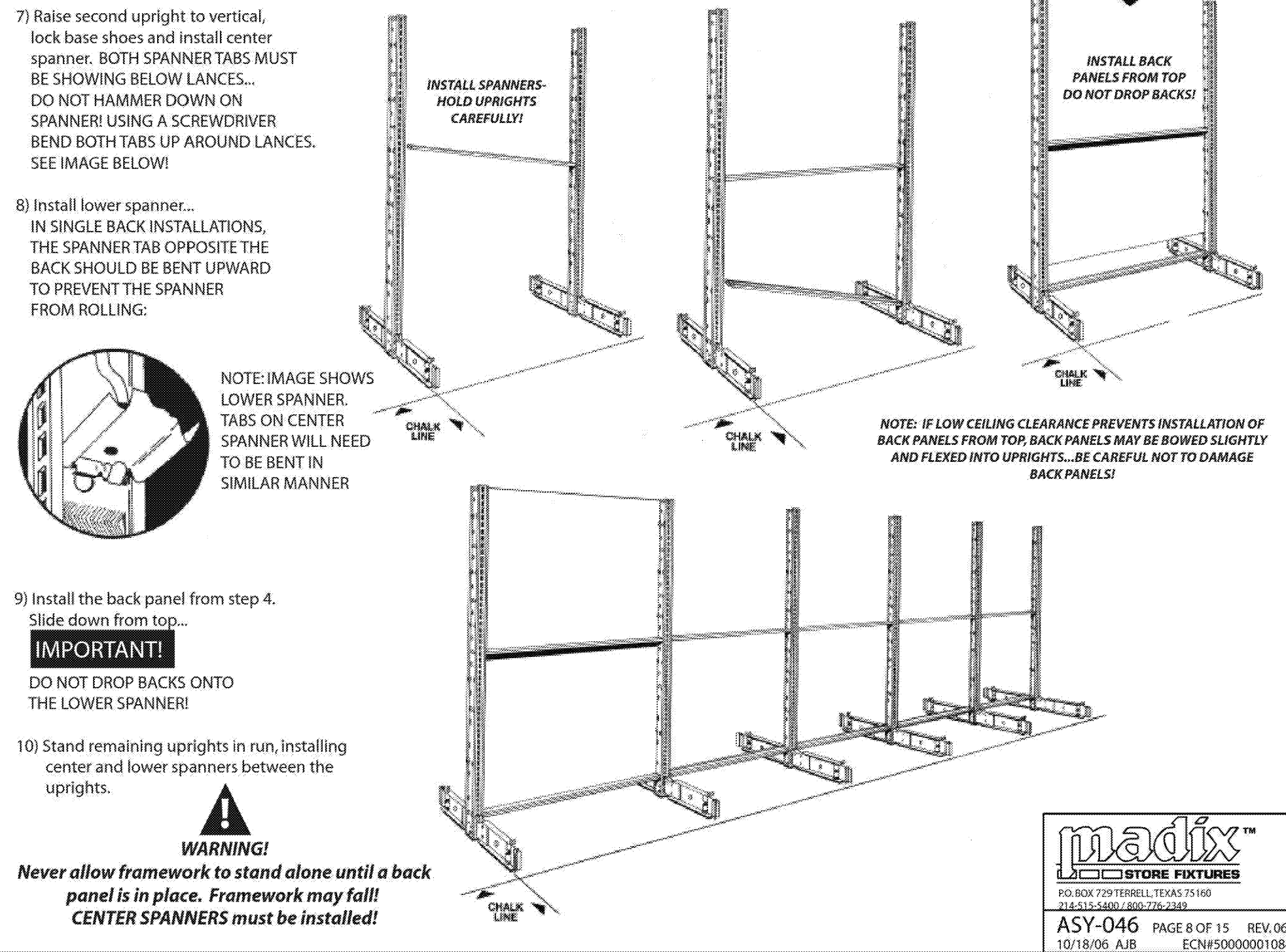


ASSEMBLY PROCEDURE...

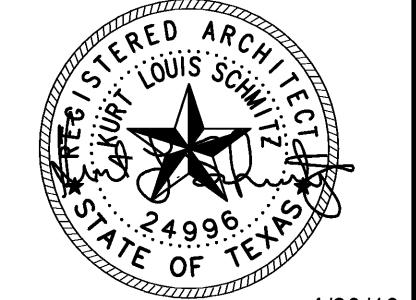


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ASSEMBLY PROCEDURE...



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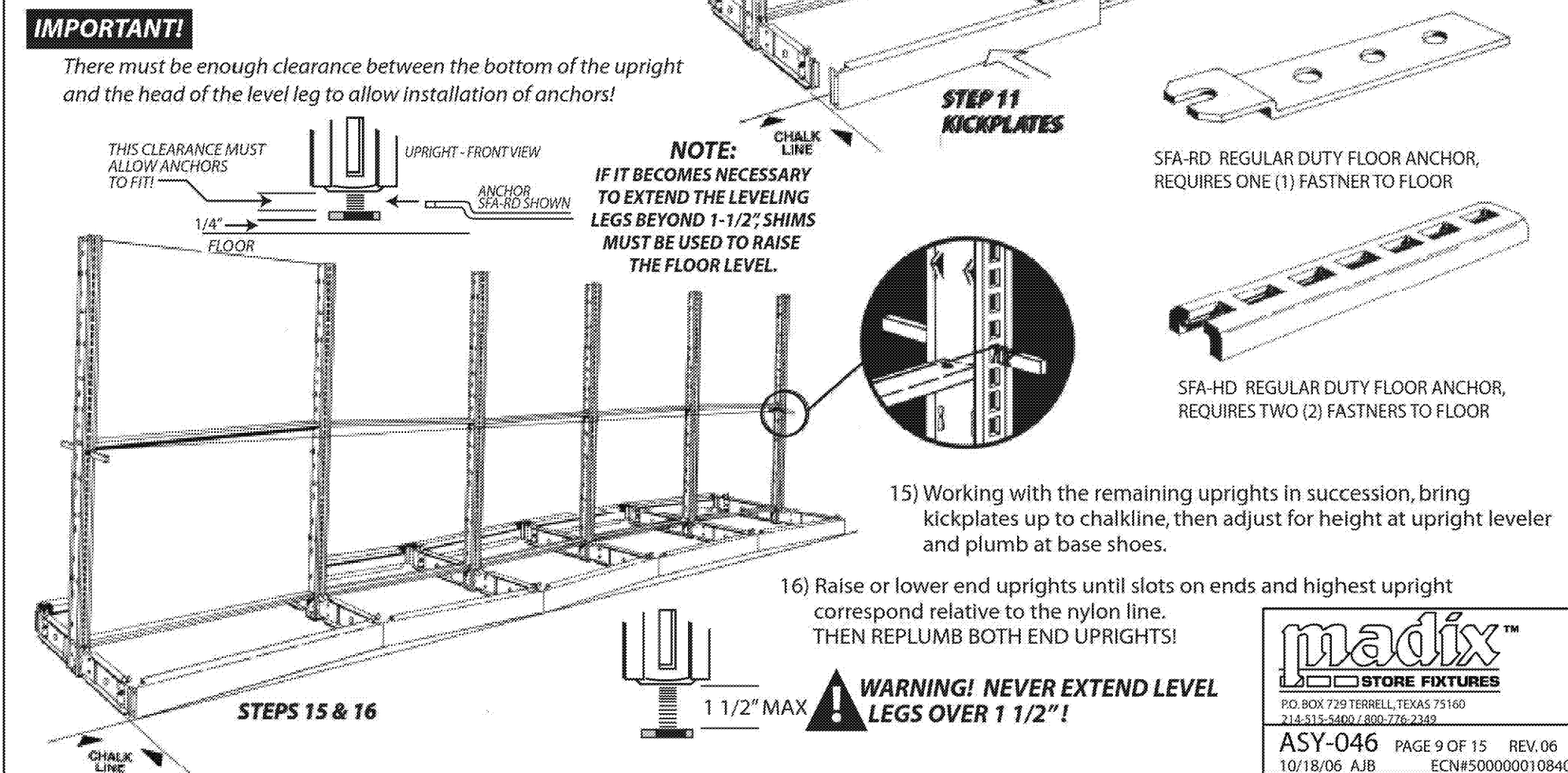
FIXTURE SPECIFICATIONS AND DETAILS

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- 1) Install all kickplates... Kickplates snap directly in from front...
- 2) Pull both end uprights forward to bring the kickplates to the chalkline, then plumb using a level against face of upright and adjusting the base shoe levelers.
- 3) Attach the nylon line to end upright as shown. Attach line at corresponding slot on opposite end upright, draw taut and secure.
- 4) Examine all uprights at nylon line to determine the highest upright in run, excluding end uprights. Pull this highest upright forward until kickplate is on the chalkline. If run is a gondola, plumb at base shoe levelers ...if run is a wall, plumb at upright and base shoe levelers.



UEC
OR
VC

SBS
BASE SHELF
STEP 23

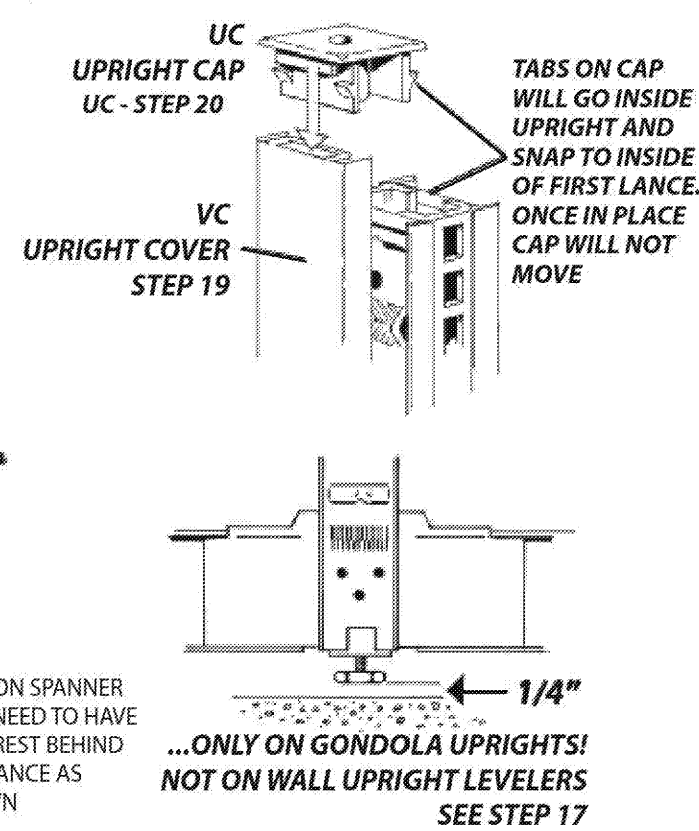
CHECK ALIGNMENT AND
LEVEL OF RUN BEFORE ANCHORING!

TABS
WILL N
TABS R
TOP U
SHOW

- 17) On gondola uprights only: Run level legs up off the floor approximately 1/4". THIS APPLIES TO ALL GONDOLA UPRIGHTS REGARDLESS OF ANCHORING. ONLY BASE SHOE LEVELERS ARE ANCHORED ON GONDOLAS, NOT UPRIGHT LEVELERS.
- 18) Remove the nylon string used in leveling and install all remaining back panels in the run.

IMPORTANT!

 DO NOT DROP BACKS ONTO THE LOWER SPANNERS!
- 19) Install top spanners. Make sure tabs rest below first lance as shown. Install upright end covers. UEC is plastic and VC is metal. THESE MUST BE IN PLACE BEFORE UC (UPRIGHT CAPS) ARE INSTALLED.
- 20) If VCs (metal upright covers) are installed, install UC (upright caps) so that the short plastic extrusion is captured in the slot at top of the VC and tabs snap behind top lance. See illustration top right.
- 21) To install the BECs (Base End Covers), simply slide them over the BS (Base Shoes). The BEs are held in place by the base shelves.
- 22) **VERIFY ALIGNMENT AND LEVEL OF RUN.** If floor anchors are required, install them now. See ASY-357 FOR PROPER ANCHORING PROCEDURES.



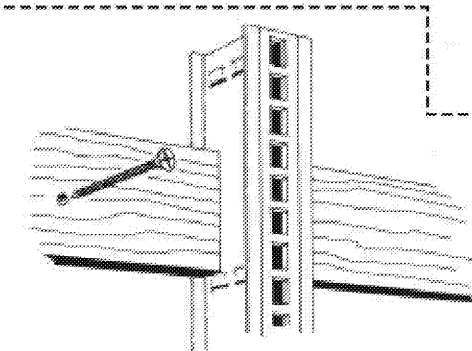
Uprights will be anchored to a single run of 2 x 4 furring strips secured at approximately 8" below the top of the uprights, subject to leveling.

*Determine run length and location...then strike a chalkline on the wall at upright height, minus 8", to align the top edge of the furring strips.

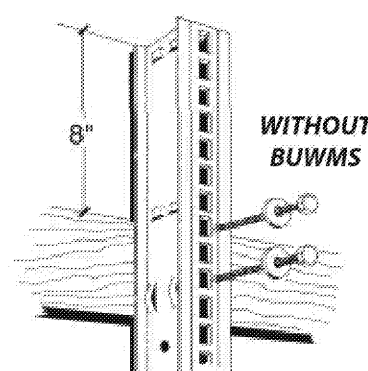
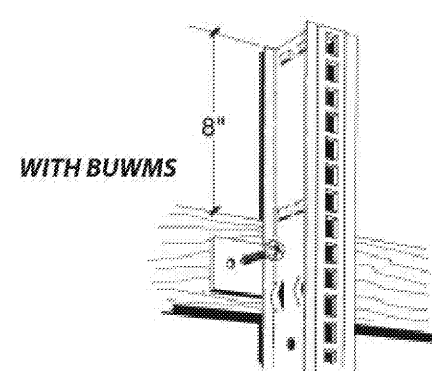
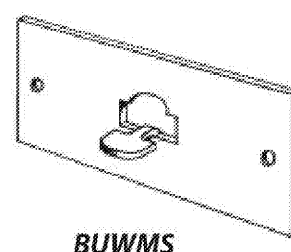
*Start with a 10' long 2 x 4, finishing the rest of run with 8' long 2 x 4's, this insures that uprights will not be on a joint

*No chalkline is necessary...set back of uprights approximately 1" away from furring strips.
*If using basic upright wall mount support, BUWMS, install in rear side of upright in 10th slot from top.

Complete steps 17 through 21.
*If base shelves have a wedge shaped gap, it will be necessary to push in at the gap and/or pull out at the adjacent joints...readjustment of the base shoe levelers may be necessary.



ALTERNATE METHOD: Follow instructions above, except, (1) Strike the chalkline on wall at upright height, minus 2"... this line is to mark anchor locations
furring strips will be slightly lower. (2) Omit use of BUWMS or fasteners. (3) Cut 2 x 4's to section lengths...46 1/2" for 4's, 34 1/2" for 3's. (4) Set 2 x 4 on second spanner
lance from top of upright and secure to the wall using the appropriate fasteners for wall
type and load situations.



IMPORTANT!
IF CANOPY IS TO BE USED,
CONSULT INSTALLATION
INSTRUCTION ASY 092
PRIOR TO PROCEEDING



WARNING!
FAILURE TO PROPERLY ANCHOR WALL FIXTURE
SYSTEMS AND EXTENSIONS MAY RESULT
IN SEVERE INJURY OR DEATH!
USE ANCHORING HARDWARE THAT RESISTS A
MINIMUM OF 800 lbs PULL OUT FORCE.
MANY TYPES OF WALL CONSTRUCTION WILL BE
ENCOUNTERED. USE FASTNERS APPROPRIATE FOR
BOTH WALL TYPE AND LOAD SITUATION.
CONTACT A LOCAL STRUCTURAL ENGINEER FAMILIAR
WITH CODES IN YOUR AREA. MADIX CAN PROVIDE THE
CONTACT FOR A STRUCTURAL ENGINEER IF REQUIRED.



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GENERAL

- 1) Contact the local building department prior to starting installation to check on any restrictions.
- 2) Only parts and accessories produced or supplied by Madix are covered by Madix warranty.
- 3) Installation sequence must be followed exactly for assembly and leveling.
- 4) Under no circumstances should damaged parts be used.
- 5) Do not use shelving parts or accessories for any purpose other than originally intended.
- 6) Installation instructions with product load ratings are included with each order and must be followed carefully.
- 7) Employees must be made aware of possible overloading as specified in load ratings. If you do not receive these, please contact your sales or customer service representative.
- 8) Initial installation or relocation of Madix gondola or wall fixtures should be supervised exclusively by qualified personnel.

- 9) Never install shelves or accessories into the side of an upright that has no base shoes on that side.
- 10) Be sure all shelving parts or accessories are completely seated in slotting or perforations.
- 11) Do not permit climbing or standing on shelving at any time...including base shelves.
- 12) Do not attempt to relocate merchandised shelves or accessories.
- 13) Never try to move completed fixtures, especially if merchandised.
- 14) No shelves or accessories should project beyond the front edge of the shelf.
- 15) Base end covers and upright end covers must always be installed at the end of a run.
- 16) To avoid collisions with upper shelves or accessories, all displays used on gondola ends should have a base shelf, metal end flat, or other base end treatment.

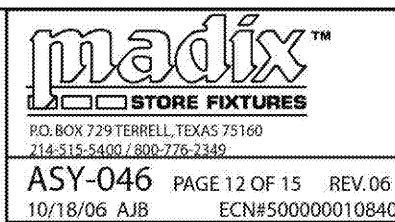
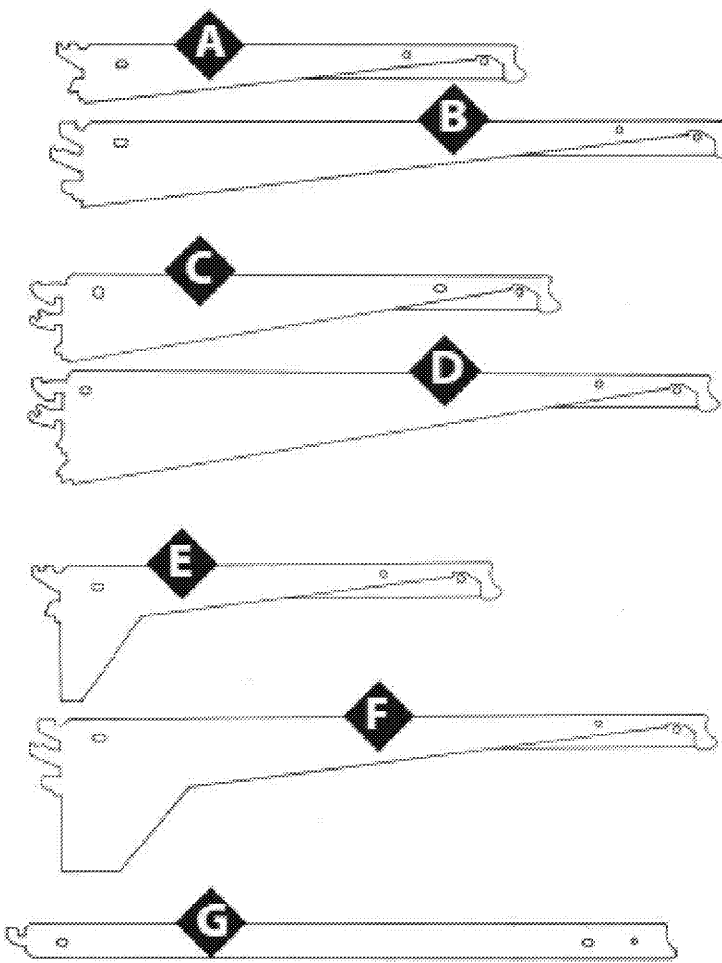


**CAPACITIES ARE REDUCED
BY 30% WHEN ONLY THE
FRONT HALF OF THE
SHELF IS LOADED!**

MAXIMUM LOAD CAPACITY* IN POUNDS						
Sheaf Type	Sheaf Depth	Evenly Loaded	Front Loaded	15' Down	30' Down	45' Down
SUSP. CLOS.	18" - 1"	300L	300L	125S	100S	100S
	18" - 18"	500L	350L	125S	100S	100S
	20" - 24"	500L	350L	250L	100S	100S
STIP. CLOS.	18" - 1"	300L	300L	250L	100S	100S
	18" - 18"	500L	350L	250L	100S	100S
	20" - 24"	500L	350L	250L	100S	100S
HUS. CLOS.	18" - 1"	300L	300L	250L	100S	100S
	18" - 18"	600L	n/a	n/a	n/a	n/a
	20" - 24"	600L	n/a	n/a	n/a	n/a
SBS. CLOS.	18" - 1"	300L	n/a	n/a	n/a	n/a
	18" - 18"	600L	n/a	n/a	n/a	n/a
	20" - 24"	600L	n/a	n/a	n/a	n/a

* Based on evenly distributed dead loading.

STIP type is special order. *Loadings are: L=longitudinal, H=horizontal, D=down, S=upright stringing.

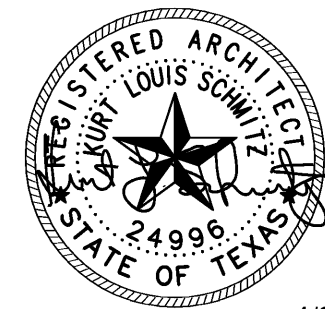


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JOB NO.	18280
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SHEET NO.

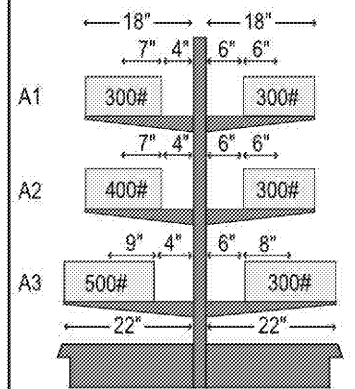
FIXTURE LOADING - PRODUCT SAFETY

! WARNING! DO NOT EXCEED ANY OF THE MAXIMUM LOAD LIMITS IN THE FOLLOWING SECTIONS!

FRONT LOADED SHELVES

IMPORTANT! Front loaded shelves create the most likely situation for exceeding the fixture loading capacities. Compare the increases in inch/lb. loadings of front loaded shelves over evenly loaded shelves, PARTICULARLY ON WALL SECTIONS!

A front loaded shelf has a void between the back panel and the merchandise. Take one half the loaded area dimension plus the gap dimension at back and multiply times the weight on the shelf in order to determine individual inch/lb. load.



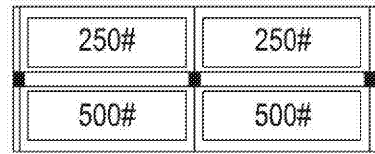
FRONT LOADED SHELVES ON GONDOLAS
A1 7" + 4" = 11" x 300 lbs. or 3,300 inch/lbs.
A2 7" + 4" = 11" x 400 lbs. or 4,400 inch/lbs.
A3 9" + 4" = 13" x 500 lbs. or 6,500 inch/lbs.
SIDE A TOTAL = 14,200 inch/lbs.
B1 6" + 6" = 12" x 300 lbs. or 3,600 inch/lbs.
B2 6" + 6" = 12" x 300 lbs. or 3,600 inch/lbs.
B3 8" + 6" = 14" x 300 lbs. or 4,200 inch/lbs.
SIDE B TOTAL = 11,400 inch/lbs.

SUBTRACT B FROM A:
14,200 inch/lbs
-11,400 inch/lbs
2,800 inch/lbs

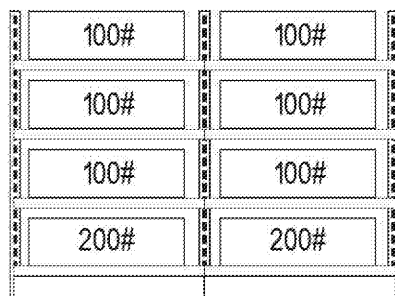
**SAFE - 2,800 INCH/LBS
DOES NOT EXCEED
15,000 INCH/LBS
MAXIMUM**

COLUMN LOADING

Column loading is the vertical load, measured in pounds, that can be applied on any upright. Each upright bears ONE HALF OF THE LOAD OF EACH SHELF THAT IT SUPPORTS. MAXIMUM COLUMN LOAD IS 4,500 POUNDS, DO NOT EXCEED!



750 lbs. plus 750 lbs. = 1500 lbs.
1500 lbs. divided by 2 =
750 lb. column load on the center upright



WALL SECTIONS - TOP VIEW

WALL SECTIONS - FRONT VIEW
500 lbs. plus 500 lbs. = 1000 lbs.
1000 lbs. divided by 2 =
500 lb. column load on the center upright



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FIXTURE LOADING - PRODUCT SAFETY

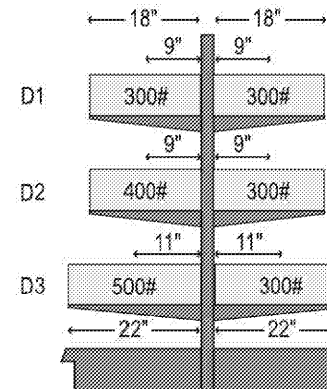
! WARNING! DO NOT EXCEED ANY OF THE MAXIMUM LOAD LIMITS IN THE FOLLOWING SECTIONS!

OFFSET LOADING

Offset loading is measured in inch/pounds and represents the bending load at the base shoe connection and the upright. To determine if you exceed the load limit of the fixture, take the difference between the larger inch/lb. calculations on one side of the fixture and the inch /lb. calculations on the other. THIS DIFFERENCE CANNOT EXCEED 15,000 INCH/LBS. In the case of wall sections, the calculation for the one side CANNOT EXCEED 15,000 INCH/LBS.

EVENLY LOADED SHELVES ON GONDOLAS
Divide each shelf depth by 2...multiply times the weight on shelf to determine individual shelf load.

D1 18" / 2 = 9" x 300 lbs. or 2,700 inch/lbs.
D2 18" / 2 = 9" x 400 lbs. or 3,600 inch/lbs.
D3 22" / 2 = 11" x 500 lbs. or 5,500 inch/lbs.
SIDE D TOTAL = 11,800 inch/lbs.

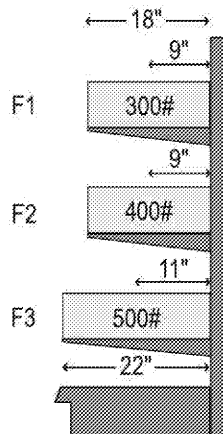


SUBTRACT E FROM D 11,800 inch/lbs.
- 8,700 inch/lbs.
3,100 inch/lbs.

**SAFE! 3,100 INCH/LBS. DOES NOT
EXCEED 15,000 INCH/LBS. MAXIMUM**

EVENLY LOADED SHELVES ON WALL SECTIONS
Divide each shelf depth by 2...multiply times the weight on shelf to determine individual shelf load.

F1 18" / 2 = 9" x 300 lbs. or 2,700 inch/lbs.
F2 18" / 2 = 9" x 400 lbs. or 3,600 inch/lbs.
F3 22" / 2 = 11" x 500 lbs. or 5,500 inch/lbs.
SIDE F TOTAL = 11,800 inch/lbs.



**SAFE! 11,800 INCH/LBS. DOES NOT EXCEED
5,000 INCH/LBS. MAXIMUM**



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POST THIS ENTIRE PAGE IN A CONSPICUOUS PLACE, CLEARLY VISIBLE TO ALL STORE PERSONNEL

RE-LEVELING OF OFFSET LOADED FIXTURES

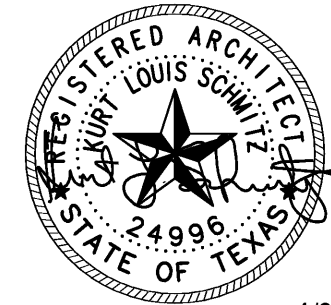
AFTER THE FIXTURE IS LOADED, IF A GAPPING OF THE SHELVES APPEARS ON THE HEAVILY LOADED SIDE, IT IS POSSIBLE THE ORIGINAL INSTALLATION IS THE CAUSE. CHECK THESE TWO CONDITIONS BEFORE PROCEEDING!
CAUTION! BEFORE MAKING ANY ADJUSTMENTS TO ANY COMPONENTS BE SURE THAT ALL MERCHANDISE HAS BEEN REMOVED.

- ALL UPRIGHTS MUST BE AT THE SAME HEIGHT!
A. Visually sight across the top of the fixture to check for high or low uprights.
B. If a row of shelves at a particular upright appear to rise or sag at this indicates an unlevel section
TO CORRECT: Pull a string across the top of the uprights from end to end.
IF THE UPRIGHT IS TOO LOW on lightly loaded section...
 - Raise base shoe levelers on each side equally until upright touches stringline.IF UPRIGHT IS TOO HIGH on lightly loaded section...
 - Remove kickplates on both sides of the low upright.
 - Screw upright leveler out, or down, raising the top upright until it touches stringline.
 - Screw base shoe levelers down an equal number of turns until base shoes lock up against the upright.IF UPRIGHT IS TOO HIGH on lightly or heavily loaded section...
 - Remove kickplates on both sides of the high upright.
 - Screw upright leveler up into upright, this may solve the "too high" problem, if not...
 - Screw loose shoe levelers up into shoe an equal number of turns until top of upright touches stringline.

- NONE OF THE SECTIONS IN THE RUN HAVE BEEN MOVED OUT OF ALIGNMENT
A. Visually sight along the front of the base shelves.
B. Compare the front of the base shelves to a tile line.
TO CORRECT: Facing the wedge shaped gap areas, physically push the section back into line, closing the gaps. Depending on the merchandise, it may be necessary to unload or partially unload the section before moving. Attempt to move the section by applying foot pressure at the kickplate joint only... if not possible,
 - Place a 2 x 4 block against the kickplate joint and tap back into alignment...or...
 - Use a jack and 2 x 4 block against kickplate joint...jack should be braced across the aisle against a long 2 x 4 spanning several kickplate joints.IF THE ABOVE CONDITIONS ARE NOW CORRECT, look for shelf gaps on the heavily loaded side...the base shelf joint will be tight, but the upper shelves will have increasingly larger wedge shape gaps at the top, REMOVE KICKPLATES ON BOTH SIDES FOR AT LEAST ONE SECTION ON EITHER SIDE OF THE HEAVILY LOADED SECTION.
ON THE LIGHTLY LOADED SIDE,
 - Run upright levelers down to the floor.
 - Run base shoe leveler up into shoe until the pressure is off of it...1/4" free movement.THEN...ON THE HEAVILY LOADED SIDE,
 - Begin at the first heavily loaded upright TO YOUR RIGHT, facing the heavily loaded side...run the base shoe leveler down until all the shelf gaps at that upright close tightly.
 - Repeat c. with remaining heavily loaded uprights, WORKING TO YOUR LEFT.THEN...ON THE LIGHTLY LOADED SIDE,
 - Run loose levelers down until shoe locks up against the upright.
 - Replace kickplates on both sides.



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FIXTURE
SPECIFICATIONS
AND DETAILS

DATE 4/26/19

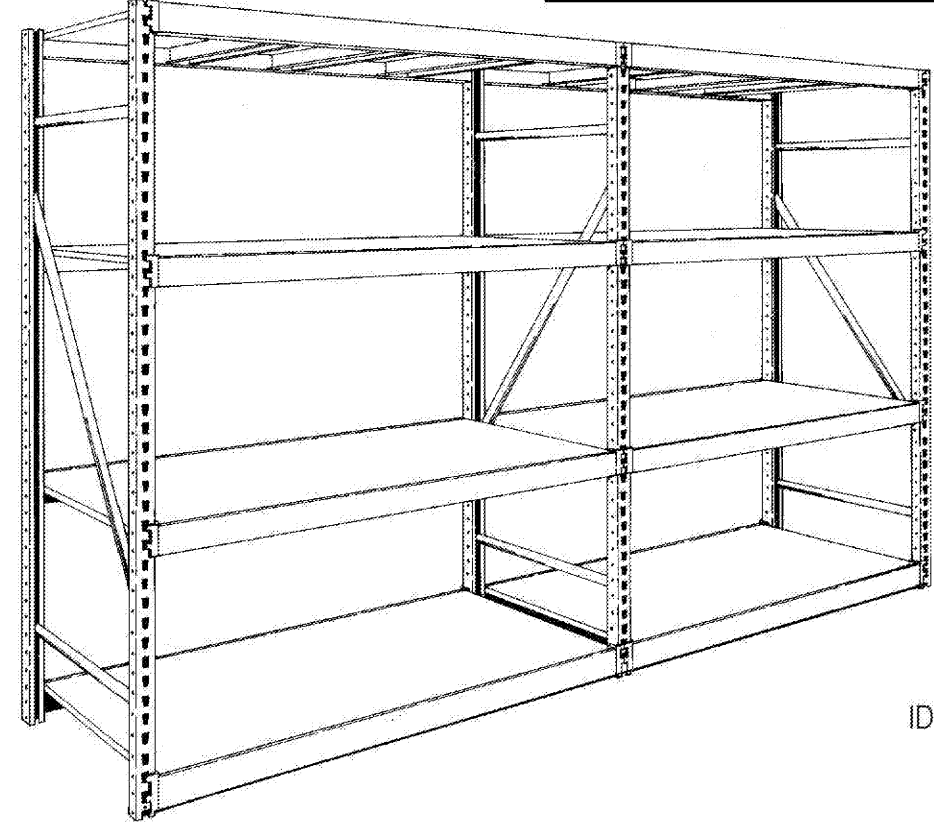
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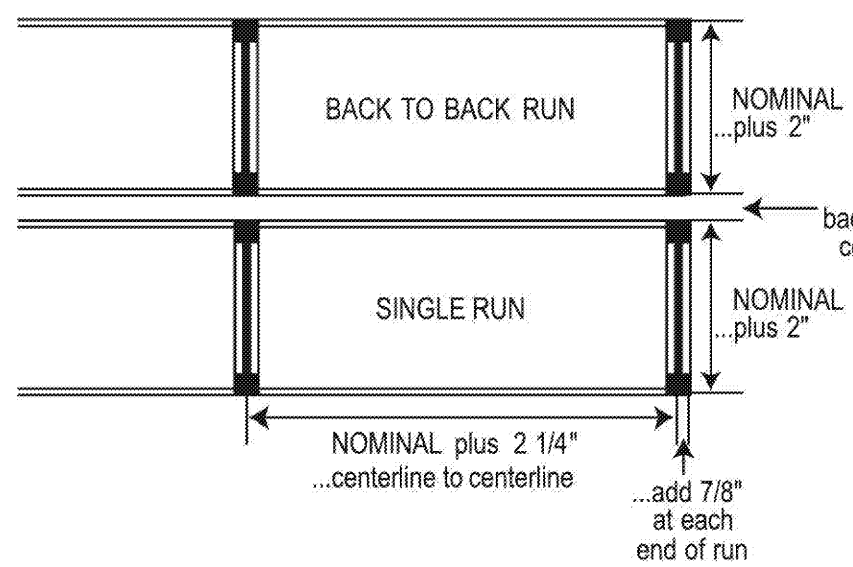
SHEET NO.

WIDE SPAN SHELVING ASY 061

INSTALLATION INSTRUCTIONS



NOTE!
This publication is intended to be a generic installation instruction for Madix Wide Span, and may possibly be subject to change as required by local building codes...consult the building inspection department at job site.



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PAGE 2-3
PARTS
IDENTIFICATION

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BASIC
INSTALLATION

PAGE 6-7
INSTALLATION OF
EXTRAS

PAGE 8
LOAD
CAPACITY

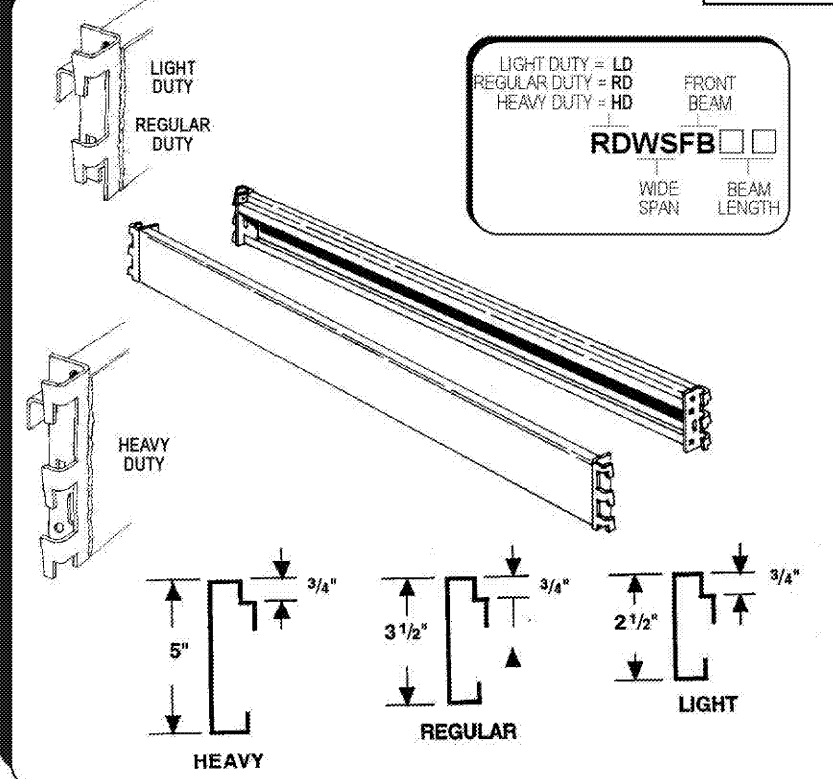
PAGE 9
SAFETY

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ANCHORING
TO FLOOR

REV B

WIDE SPAN SHELVING ASY 061

PARTS IDENTIFICATION



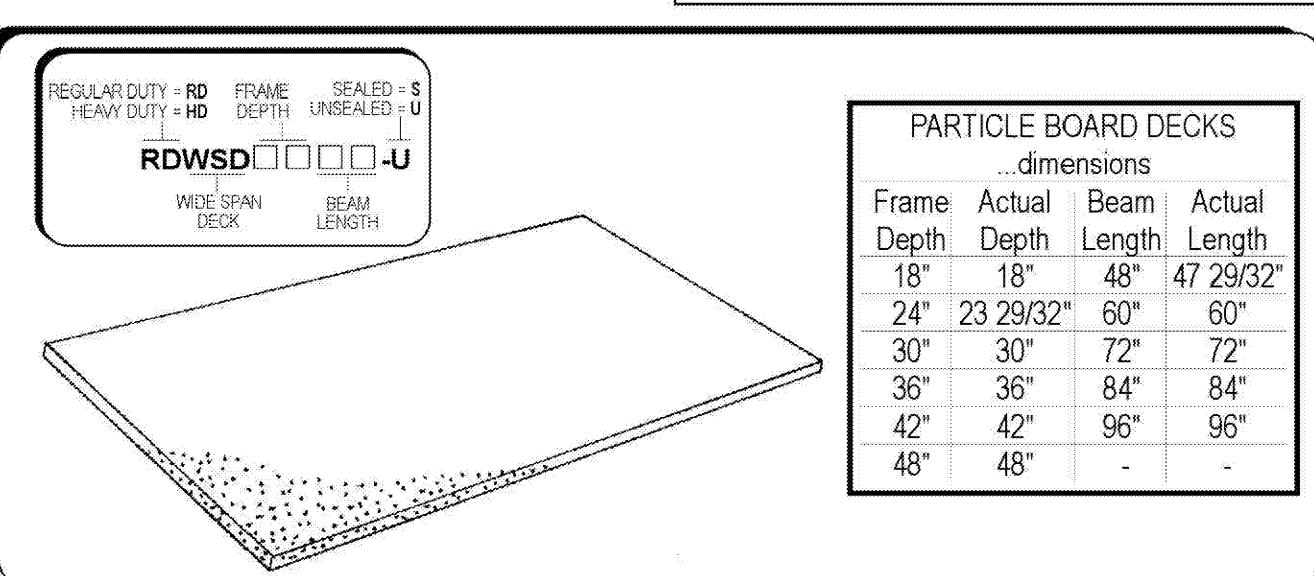
DIMENSIONS			
Deck Supports		Beams	
Frame Depth	Actual Length	Beam Length	Actual Length Inside of Brackets
18"	20"	48"	48 3/16"
24"	26"	60"	60 3/16"
30"	32"	72"	72 3/16"
36"	38"	84"	84 3/16"
42"	44"	96"	96 3/16"
48"	50"	-	-

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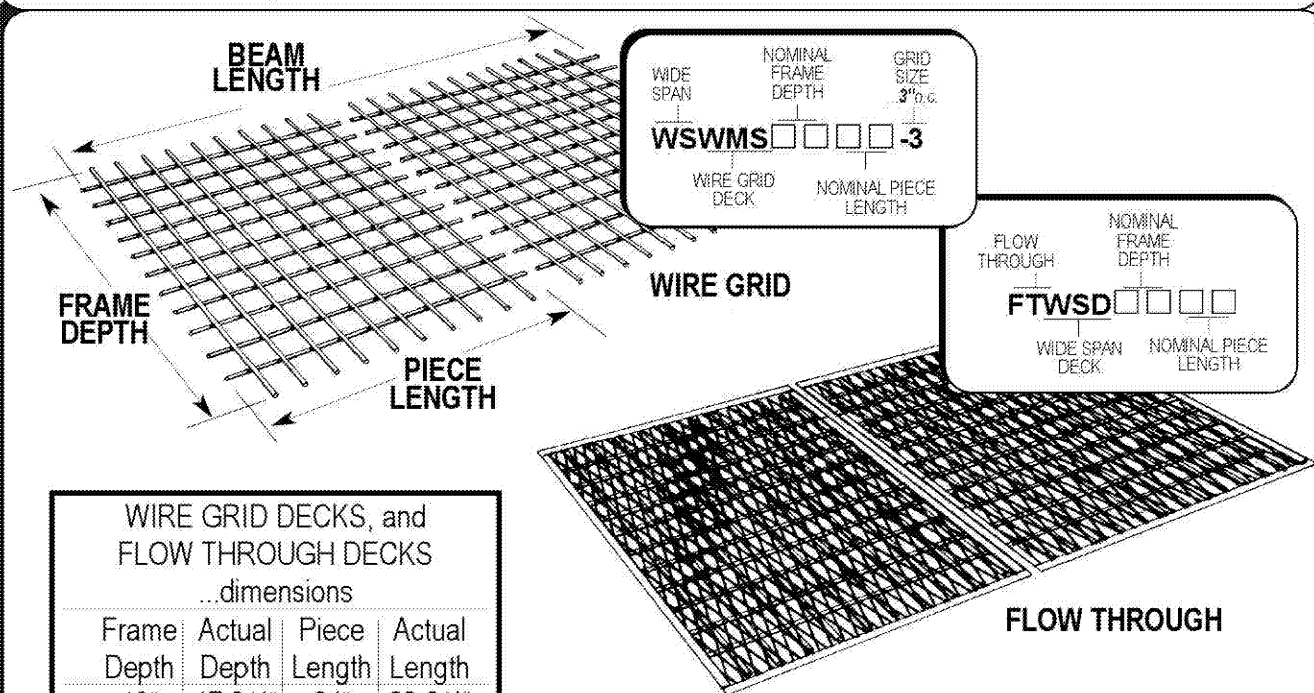
PAGE 2 OF 10

WIDE SPAN SHELVING ASY 061

PARTS IDENTIFICATION



PARTICLE BOARD DECKS ...dimensions			
Frame Depth	Actual Depth	Beam Length	Actual Length
18"	18"	48"	47 29/32"
24"	23 29/32"	60"	60"
30"	30"	72"	72"
36"	36"	84"	84"
42"	42"	96"	96"
48"	48"	-	-



WIRE GRID DECKS, and FLOW THROUGH DECKS ...dimensions			
Frame Depth	Actual Depth	Piece Length	Actual Length
18"	17 3/4"	24"	23 3/4"
24"	23 3/4"	36"	35 3/4"
30"	29 3/4"	48"	47 3/4"
36"	35 3/4"	-	-
42"	41 3/4"	-	-
48"	47 3/4"	-	-

WIRE GRID AND FLOW THROUGH PIECE LENGTHS RUN PARALLEL TO BEAM LENGTHS BEAM COMBINATIONS OF PIECE LENGTHS # OF DECK SUPPORTS			
36"	36"	2	2
48"	48"	2	2
60"	24" plus 36"	4	4
72"	36" plus 36"	4	4
84"	36" plus 48"	4	4
96"	48" plus 48"	4	4

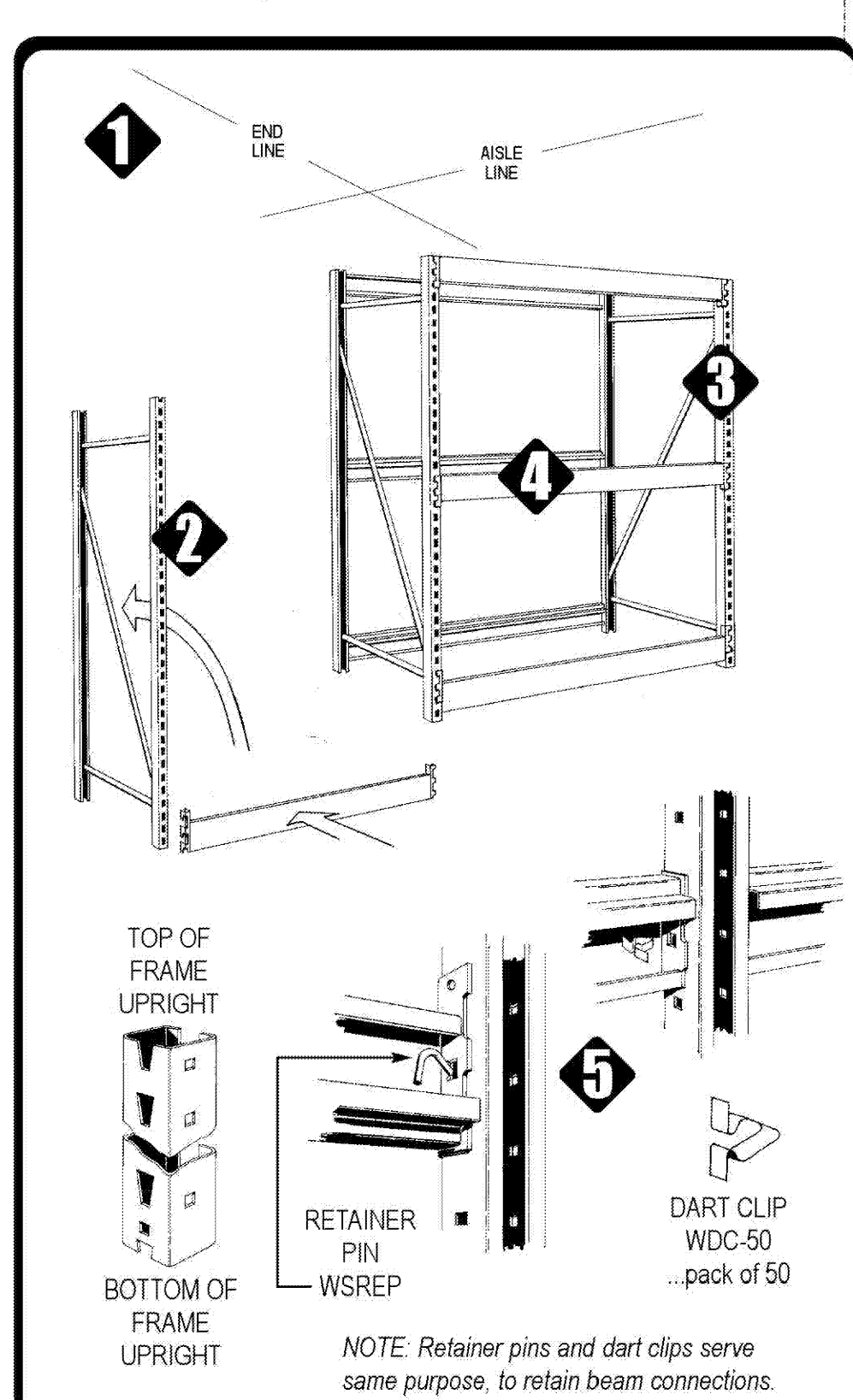
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REV B

WIDE SPAN SHELVING ASY 061

BASIC INSTALLATION

- 1 Snap chalklines on floor as shown for shelving layout. See diagram on page one for dimensions.
- 2 Raise first frame to vertical position and install first beam...frame will now stand alone.
NOTE! If floor anchors or extension frames are to be used, they should be installed prior to raising frames to the vertical position...see pages 5-6.
- 3 Raise second frame to vertical and install free end of first beam...install second beam on opposite side.
- 4 Install upper beams at designated levels.
- 5 **If using Dart Clips:** Press dart clips through beam bracket and upright on under side of beam as shown. Insert one dart clip at each end of all beams.
If using Retainer Pins: Insert one leg of a retainer pin through beam bracket and upright. Insert one pin at each end of all beams.



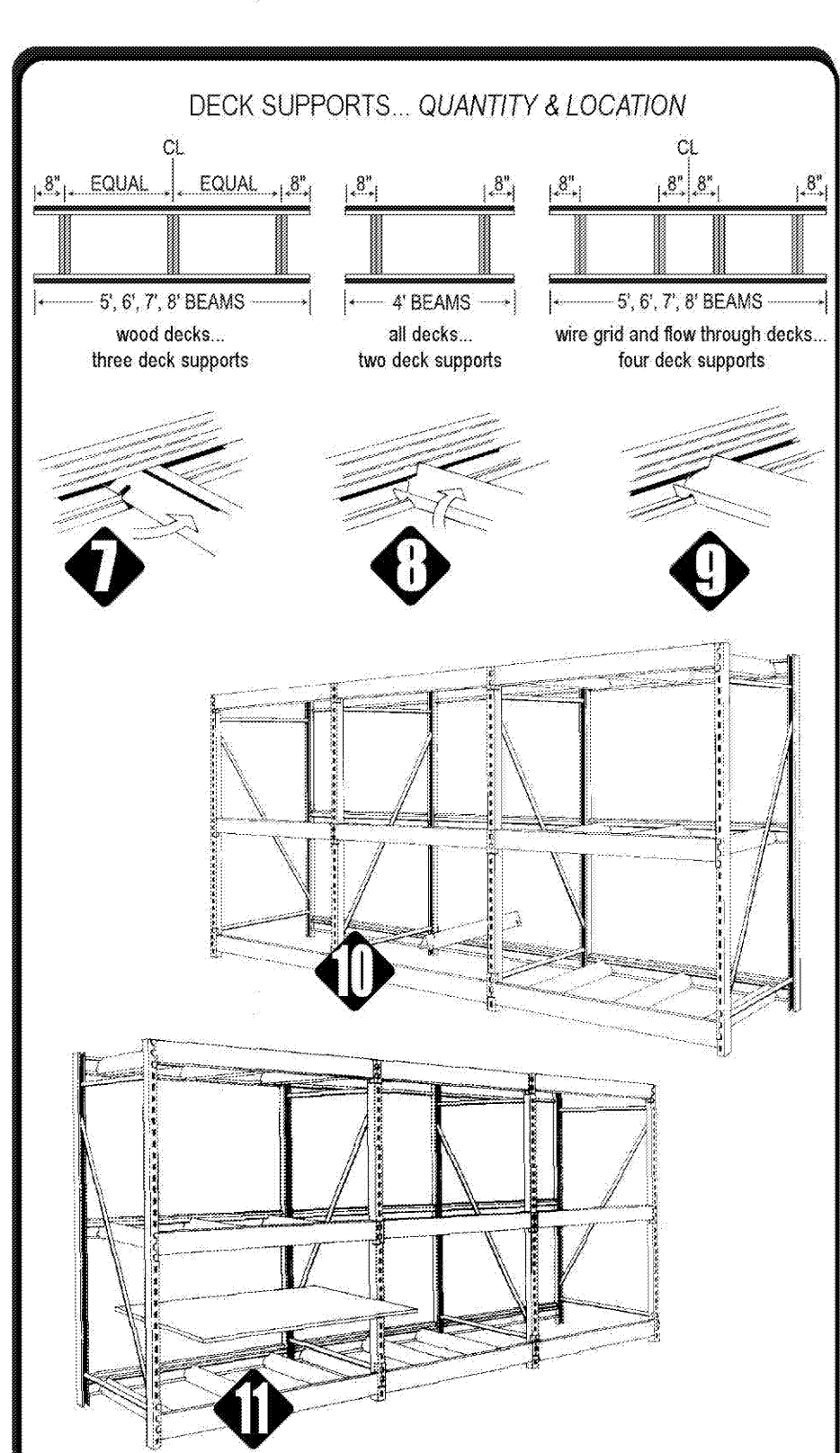
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REV B

WIDE SPAN SHELVING ASY 061

BASIC INSTALLATION

- 6 Repeat assembly sequence with remaining frames, beams and dart clips/retainer pins.
NOTE! If back to back runs are being installed, see page 6 for back to back connectors.
- 7 Holding the deck support at an angle to the beam, squeeze the open side and insert into the beam, then swing the free end around to the opposite beam, squeeze the open side and insert into the beam.
- 8 Squeeze the open side of the deck support at each end just inside the beam and rotate upwards as shown.
- 9 Correct installed position will look like this...see above for quantity of deck supports per beam length.
- 10 Repeat with the remaining deck supports in the shelving run.
- 11 Install all decks in the shelving run.



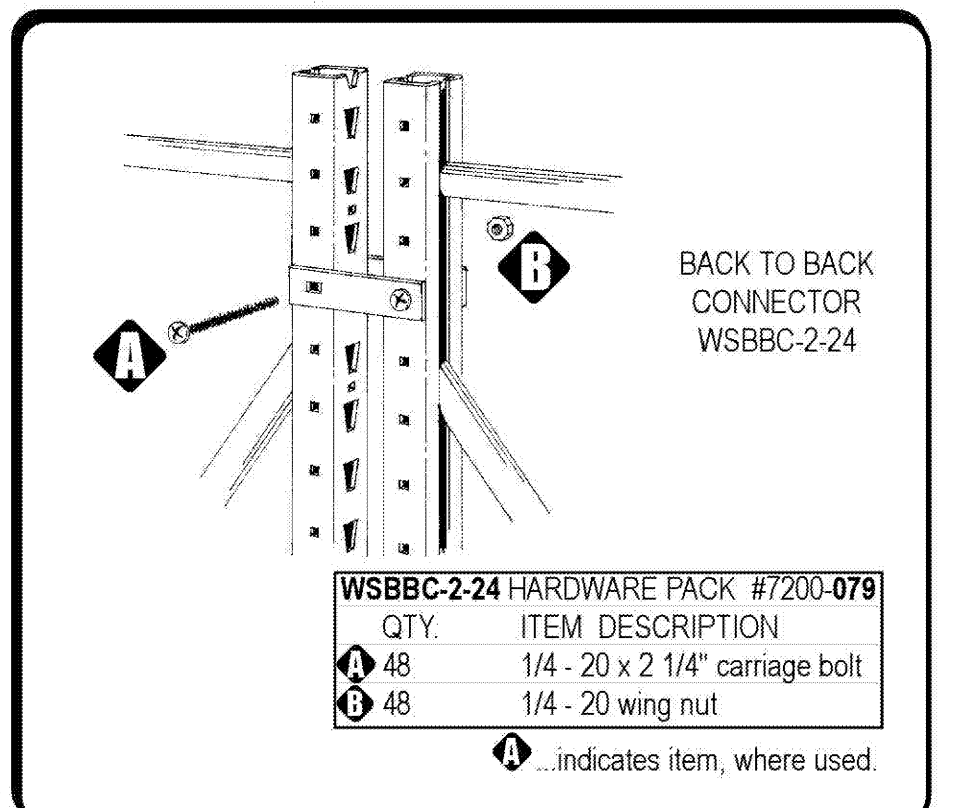
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REV B

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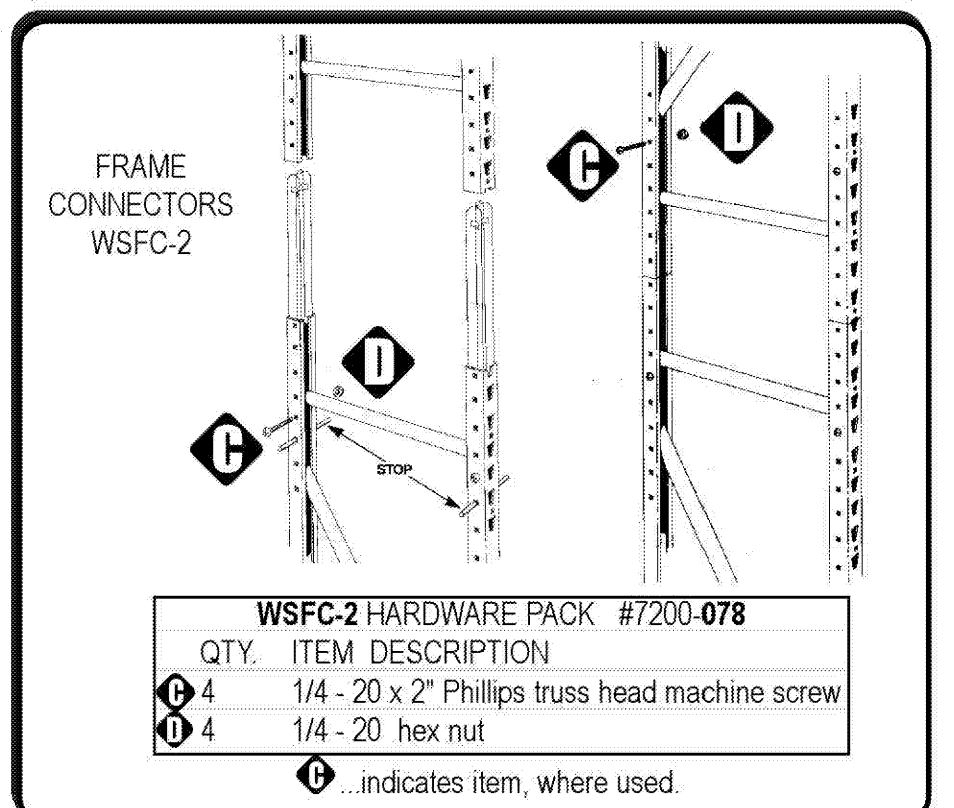
INSTALLATION OF EXTRAS

- 12 The first sections of the back to back run should be erected with beams at top and bottom of the four frames. Locate the connectors just below the top beams and just above the bottom beams. Secure with the fasteners as shown.
- 13 Repeat with the remaining sections.
- 14 Install all intermediate beams as required, then install a third connector as close as possible to the mid-point of the frames. Complete the shelving run with the deck supports and decks.
- 15 In the sixth square hole from the top of the lower frame, insert a stop to prevent the connector from dropping to the floor.
- 16 Insert connector into frame with flat center of connector facing the slotting.
- 17 Screw connector to lower frame with provided fasteners...remove the stop.
- 18 Repeat above with the 2nd upright of the frame.
- 19 Lower upper frame onto connectors and secure through the sixth hole up from the joint.



WSBBC-2-24 HARDWARE PACK #7200-079		
QTY.	ITEM	DESCRIPTION
4	48	1/4 - 20 x 2 1/4" carriage bolt
4	48	1/4 - 20 wing nut

①...indicates item, where used.



WSFC-2 HARDWARE PACK #7200-078		
QTY.	ITEM	DESCRIPTION
4	4	1/4 - 20 x 2" Phillips truss head machine screw
4	4	1/4 - 20 hex nut

①...indicates item, where used.

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REV B



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A1.8

SHEET NO.

WIDE SPAN SHELVING ASY 061

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FLOOR ANCHOR WSFA-2

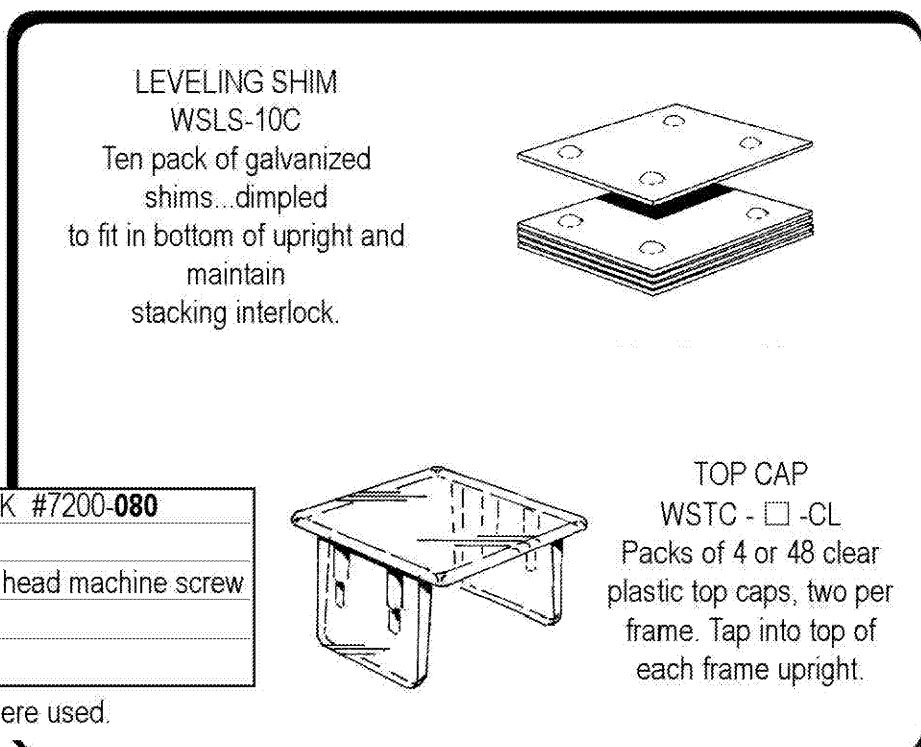
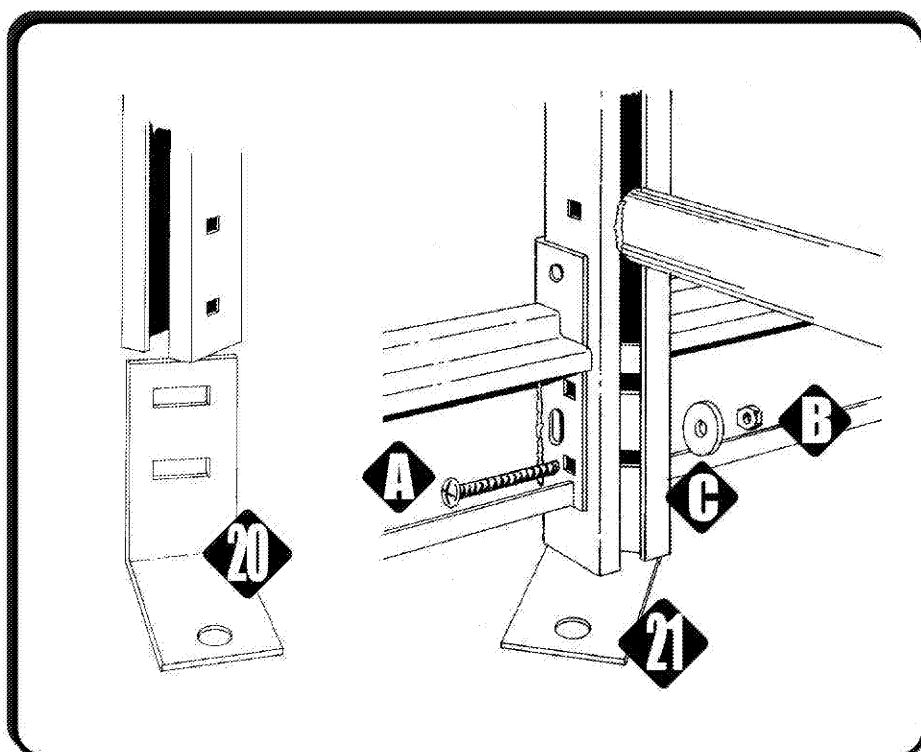
INSTALLATION OF EXTRAS

NOTE! IF FRAME HEIGHT, OR TOTAL HEIGHT OF CONNECTED FRAMES, IS MORE THAN SIX TIMES THE FRAME DEPTH ...FRAMES MUST BE SECURED WITH FLOOR ANCHORS.

20 Insert floor anchors into the bottom of each frame. They will only insert at 45° to the frame. Make sure that anchors are inserted so that they will not project into aisles or cross aisles.

21 Follow directions on page 4 to step 6, except do not install dart clips on bottom beams. Secure beams to frames through the floor anchor as shown. The screw will go through at one of the two locations, depending on the beam size.

22 Check run alignment to chalkline prior to drilling floor for expansion bolts. Due to varying floor conditions, expansion bolts must be ordered separately. If they were not ordered initially, but are required, see page 8 to order from Madix or purchase locally.



QTY.	ITEM	DESCRIPTION
2	1/4 - 20 x 2 1/2" round head machine screw	
2	1/4 - 20 hex nut	
2	1/4" flat washer	

...indicates item, where used.

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STORE FIXTURES

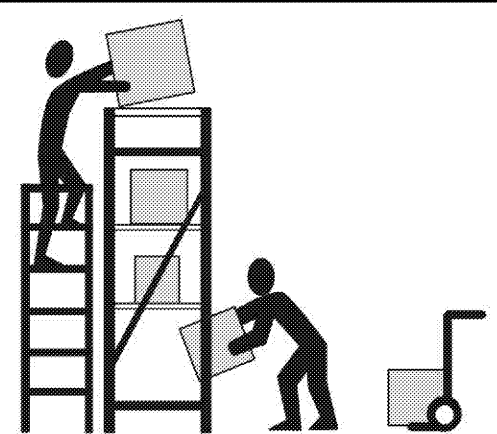
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REV B

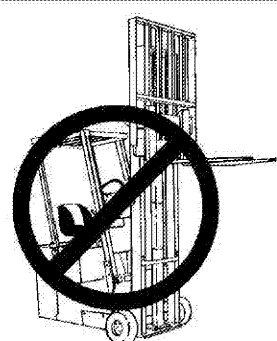
WIDE SPAN SHELVING ASY 061

PAGE 8 OF 10

LOAD SAFETY

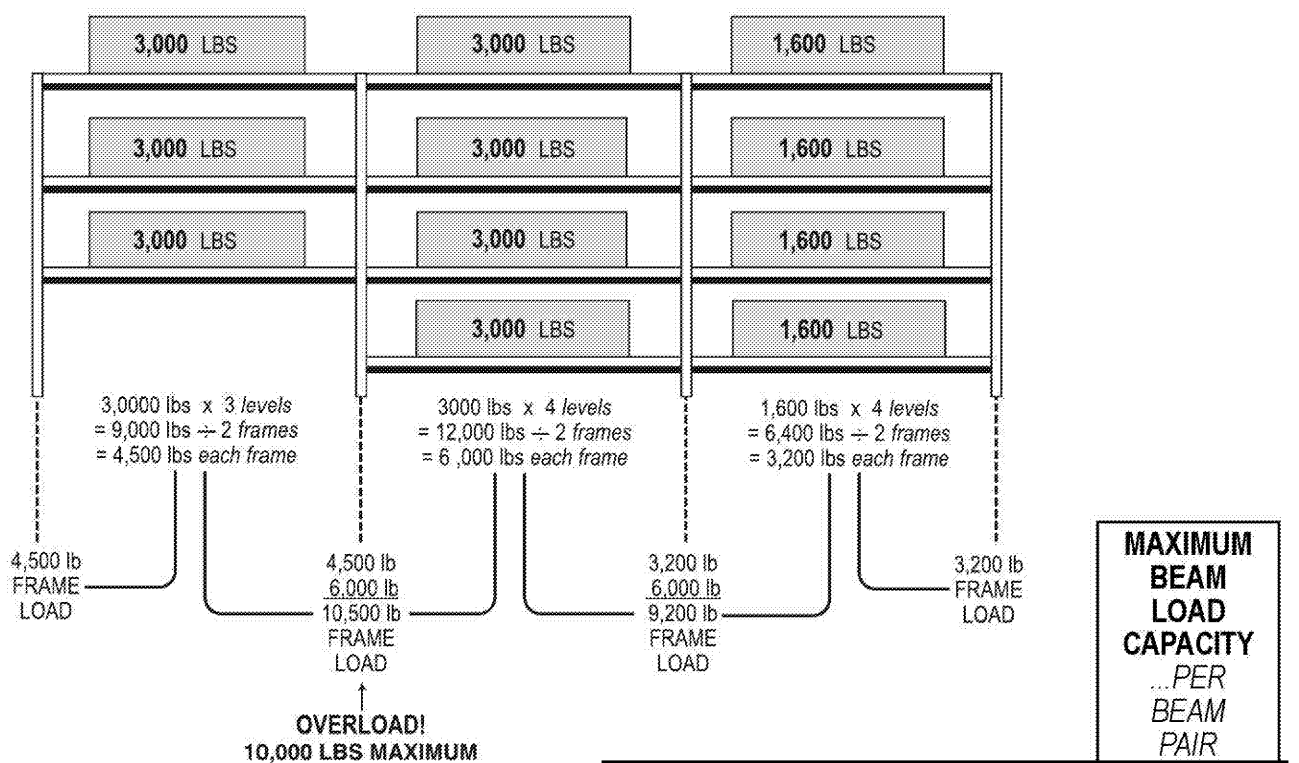


HAND STACK ONLY!
POWERED FORK TRUCKS
OR STACKERS ARE NOT
RECOMMENDED FOR USE
ON WIDE SPAN SHELVING



FRAME LOADING

Frame loading is the vertical load, measured in pounds, that can be applied on any Wide span frame. Each Wide span frame will bear **ONE HALF OF THE LOAD ON EACH BEAM PAIR** that it supports. ALL FRAMES HAVE 10,000 POUND LOAD CAPACITY!



• Based on evenly distributed loads
• Based on 96" beam length, all frame widths

BEAM LENGTH	LIGHT DUTY	REGULAR DUTY	HEAVY DUTY	# OF DECK SUPPORTS
48"	1000 #	1600 #	3000 #	2
60"	1000 #	1600 #	3000 #	3
72"	1000 #	1600 #	3000 #	3
84"	1000 #	1600 #	3000 #	3
96"	1000 #	1600 #	3000 #	3

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REV B

WIDE SPAN SHELVING ASY 061

PAGE 9 OF 10

SAFETY DURING INSTALLATION

GENERAL

- Contact the local building department prior to starting installation to check on any restrictions.
- Only parts and accessories produced or supplied by Madix are covered by Madix warranty.
- Installation sequence must be followed exactly for assembly and leveling.
- Under no circumstances should damaged parts be used.
- Do not use shelving parts or accessories for any purpose other than originally intended.
- Installation instructions with product load ratings are included with each order and must be followed carefully.
- Merchandisers must be made aware of possible overloading as specified in load ratings. If you do not receive these, please contact your sales or customer service representative.
- Initial installation or relocation of Madix gondola, wall or racking fixtures should be supervised exclusively by qualified personnel.

RACKING... FRAMES / BEAMS

- Observe all prohibitions in the installation instructions on the use of powered lifts.
- A minimum of four people are required to erect frames taller than 8'.
- Be sure all beams or accessories are completely seated and locked or secured in frame slotting.
- Ladders, if used, should be at least frame height.
- Never stand on lower beams to install upper beams.
- Do not walk on decks, especially wire grid.
- Never try to move a completed racking run, especially if merchandised.

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STORE FIXTURES

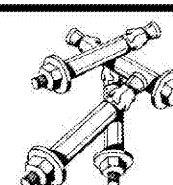
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REV B

WIDE SPAN SHELVING ASY 061

PAGE 10 OF 10

ANCHORING TO THE FLOOR



EXPANSION BOLTS FOR FLOOR ANCHORS

...50 expansion bolts, 3/8" - 16 x 3 1/2" POWERS/RAWL Rawl-stud or other ICBO approved expansion bolts.

SFA-EB50: See below for other ICBO approved expansion bolts which may be used.

NOTE! The expansion anchors provided by Madix for floor anchoring at this site have been supplied by one of the firms listed below. All the anchors have been tested and approved as stated by the following ICBO report numbers and all are manufactured in the United States or Canada. If the anchors are not provided by Madix and field substitution other than listed be proven, Madix cannot be held responsible. Should verification be required, call Madix Customer Service at: **800.776.2349**

ICBO #	
ER-2350 S1	COBRA ANCHORS CORP., Parawedge concrete anchors
ER-4194 S1	DIVERSIFIED FASTENING SYSTEMS, DFS Wedge anchor
ER-3219 S1	GUINNEBO FASTENING CORP., Drop-in and Sup-r-stud concrete anchors
ER-4627 S1	HILTI, INC., Kwik-bolt-II concrete anchors
ER-5224 S1	HILTI, INC., HCKB Kwik-bolt concrete anchors
ER-4285	ITW RAMSET/RED HEAD, ITW Ramset stud, Trubolt wedge and multi-set II concrete anchors
ER-3631 S1	ISOMETRIC, LTD., Std. sleeve and drop-in anchor
ER-2713 S1	MARKSMAN MANUFACTURING CO., Thunderstud wedge anchor
ER-5225 S1	POWERS RAWL, Powers Rawl concrete anchors
ER-2239	STAR EXPANSION CO., Wedge anchor Type 1
ER-1821 S1	WEI-JIT, Wei-jit anchor bolt and ANKR-TITE stud anchor
ER-4378	YAMASHINA INTERNATIONAL, INC., Con-Lok concrete anchors

*Embedment must be minimum 5x bolt diameter.

OTHER ICBO APPROVED ANCHORING MATERIALS ...not furnished by Madix

PNEUMATIC OR POWDER-DRIVEN STEEL STUDS AND NAILS

ER-5087	DEBA INTERNATIONAL, Remington low velocity powder actuated fastener
ER-2388	HILTI, INC., Hilti low velocity powder actuated or pneumatically driven fasteners
ER-16739	ITW RAMSET/RED HEAD, Ramset powder actuated and power point fasteners

ADHESIVE/ EPOXY ANCHORS

ER- 4320	GUINNEBO FASTENER CORP., Liquid roc 300 polyester capsule, pump and twin tube anchors
ER-5193	HILTI, INC., HVA adhesive and HIT adhesive anchor systems
ER-4285	ITW RAMSET/RED HEAD, ITW Ramset Epon system Ceramic 6 epoxy anchors
ER-4398 S1	U.S. ANCHOR CORP., Solid bond HS-200, HST-200 and Concessive1420 adhesive fasteners
ER-4996 S1	U.S. ANCHOR CORP., Ultra bond QC, At, Et and CA epoxy chemical anchors

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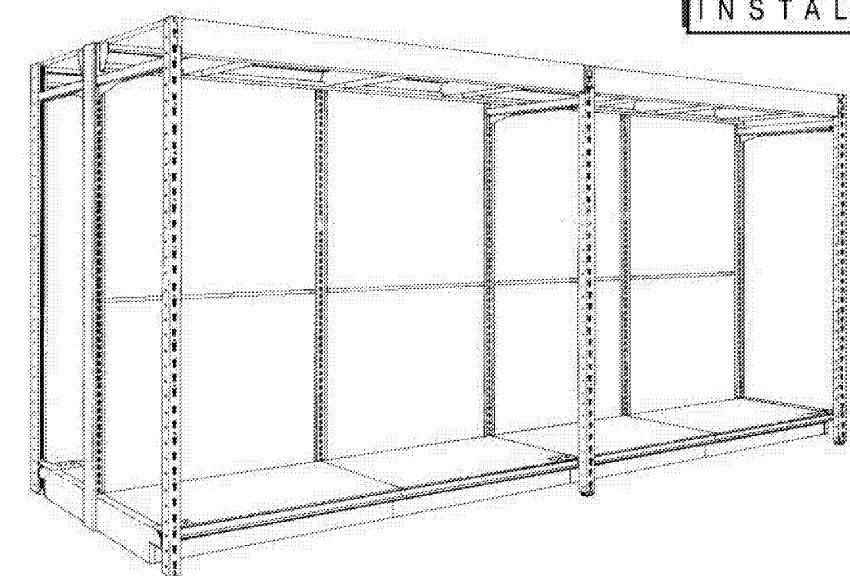
REV B

REV#	ECN#	REVISION	BY	DATE	REV#	ECN#	REVISION	BY	DATE
A	4865	REVISE LAYOUT	ACM	2/24/90					
B	48385	ADD WERSP	AJB	12/16/94					

HYPERMAXI ASY 083

PAGE 1 OF 8

INSTALLATION INSTRUCTIONS

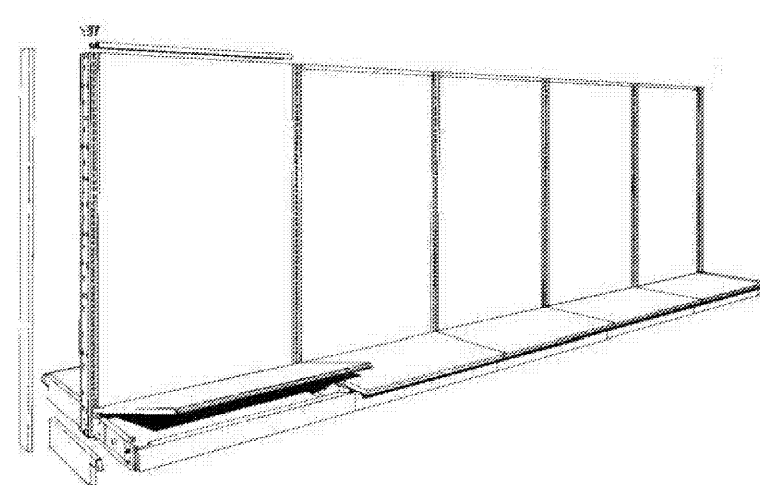


ALL CARTONS CONTAINING HYPERMAXI PARTS ARE LABELED OPEN 6 SIXTH

PAGE 2-3 ... PARTS IDENTIFICATION
PAGE 4-6 ... BASIC INSTALLATION
PAGE 7 ... INSTALLATION OF EXTRAS
PAGE 8 ... SAFETY/LOAD CAPACITY

NOTE!

This publication is intended to be a generic installation instruction for Madix Hypermaxi, and may possibly be subject to change as required by local building codes. Consult the building inspection department at job site.



Hypermaxi is an addition to Madix gondola or wall fixtures. See installation instruction ASY 046 to correctly install and level the fixture runs. If floor anchoring of the fixtures is required, see ASY 357 for the correct procedure, and note that IT IS NOT REQUIRED TO ANCHOR THE HYPERMAXI UPRIGHTS, only the fixture base shoes or uprights.

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STORE FIXTURES

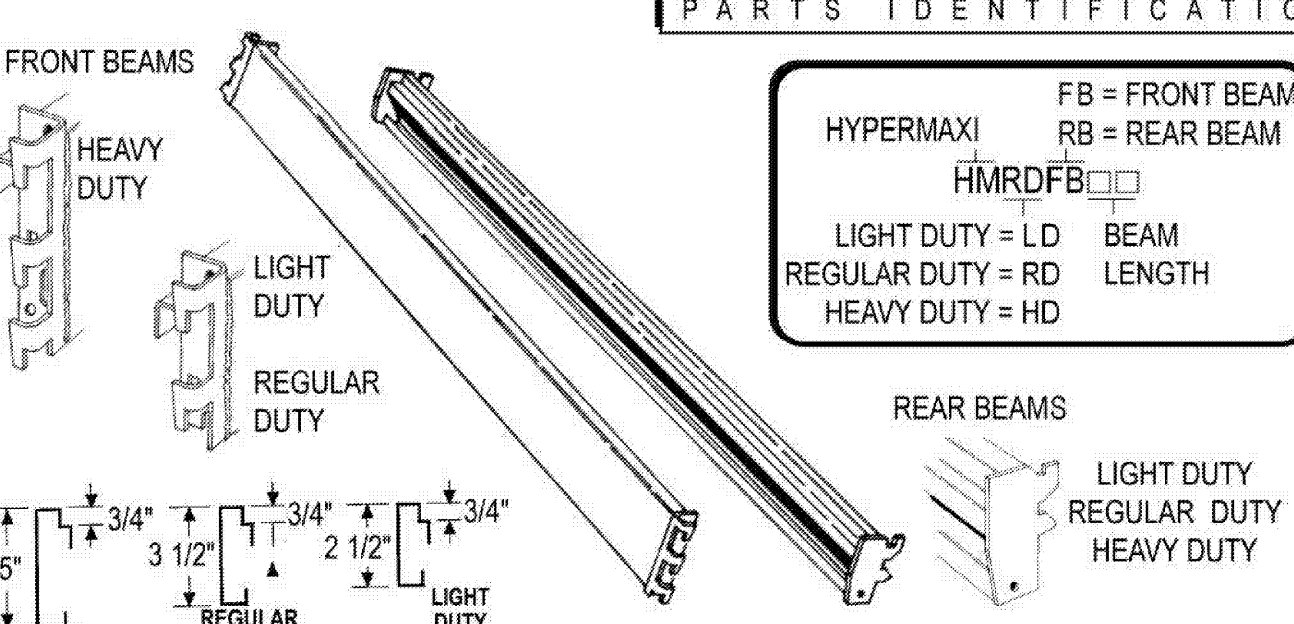
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REV A

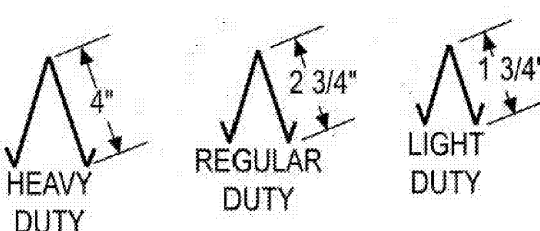
HYPERMAXI ASY 083

PAGE 2 OF 8

PARTS IDENTIFICATION



DIMENSIONS			
Deck Supports	Beams		
Upright Depth	Actual Length	Beam Length	Actual Length inside of brackets
18"	20"	36"	48 3/16"
20"	26"	48"	60 3/16"
22"	32"	72"	72 3/16"
24"	38"	84"	84 3/16"
30"	44"	96"	96 3/16"



LIGHT DUTY = LD
REGULAR DUTY = RD
HEAVY DUTY = HD

RDWSDS
WIDE SPAN
FRAME DEPTH



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REV A

UPRIGHT DIMENSIONS			
Upright Depth	Actual Depth	Upright Height	Actual Height
18"	20"	72"	48 1/8"
20"	26"	78"	80 1/8"
22"	32"	84"	72 1/8"
24"	38"	90"	84 1/8"
30"	44"	96"	96 1/8"
		102"	102 1/8"
		108"	108 1/8"
		114"	114 1/8"
		120"	120 3/16"
		126"	126 3/16"
		132"	132 3/16"
		138"	138 3/16"
		144"	144 3/16"

*...12 is for mounting light fixtures above the upright arm...see page 7.

*OPTIONAL
UPRIGHT UPRIGHT ARM
HYPERMAXI HEIGHT POSITION
HMU-12
UPRIGHT UPRIGHT DEPTH



4/29/19

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RACKING / FIXTURE SPECIFICATIONS AND DETAILS

DATE 4/26/19

JOB NO. 18280

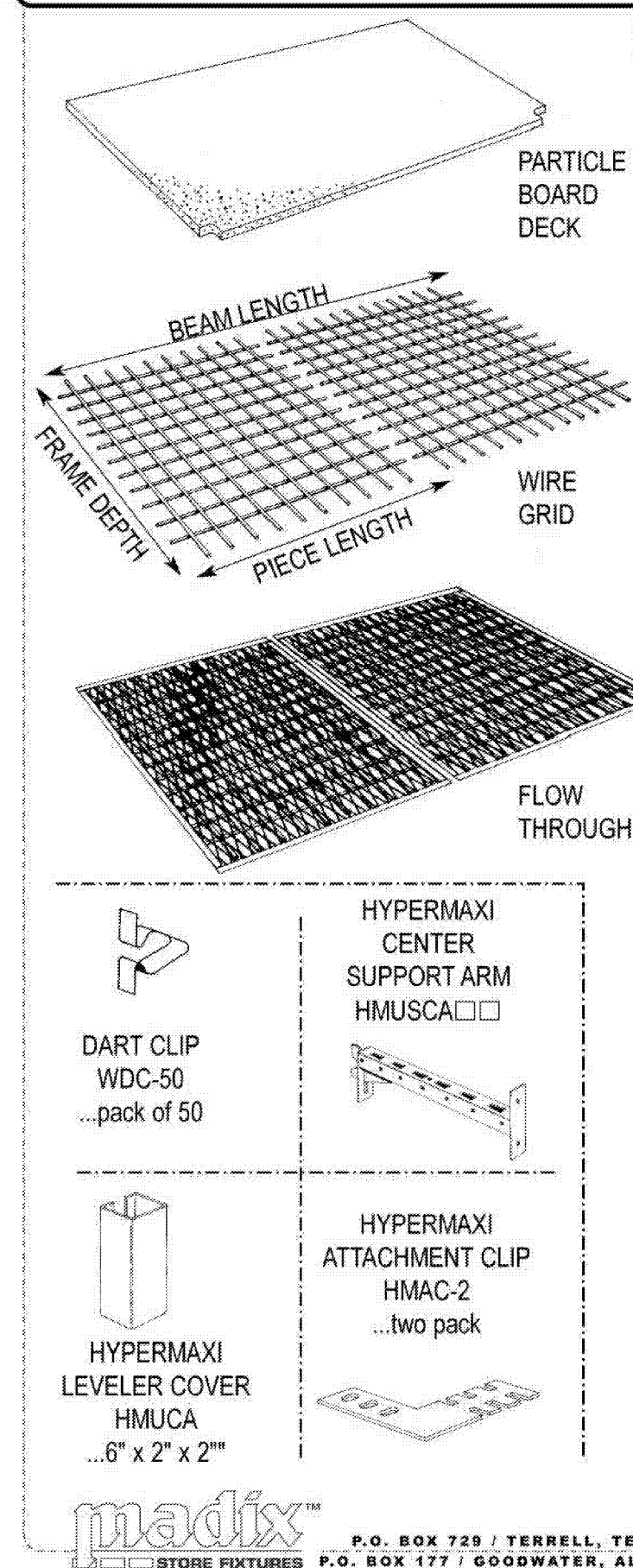
A1.9

SHEET NO.

HYPERMAXI ASY 083

PAGE 3 OF 8

PARTS IDENTIFICATION



UPRIGHT SEALED = S

HYPERMAXI DEPTH UNSEALED = U

HMRDD□□□□□□

REGULAR DUTY = RD BEAM

HEAVY DUTY = HD LENGTH

DECK

UPRIGHT DEPTH

ACTUAL DEPTH

PIECE LENGTH

ACTUAL LENGTH

18"

18"

36"

35 17/32"

20"

20"

48"

47 17/32"

22"

22"

60"

59 17/32"

24"

24"

72"

71 17/32"

30"

30"

84"

83 17/32"

-

-

96"

95 17/32"

PARTICLE BOARD DECKS... DIMENSIONS...

UPRIGHT DEPTH

ACTUAL DEPTH

PIECE LENGTH

ACTUAL LENGTH

18"

18"

36"

35 17/32"

20"

20"

48"

47 17/32"

22"

22"

60"

59 17/32"

24"

24"

72"

71 17/32"

30"

30"

84"

83 17/32"

-

-

96"

95 17/32"

UPRIGHT GRID SIZE

HYPERMAXI DEPTH ...3" O.C.

HMMWS□□□□□3

WIRE GRID DECK

BEAM LENGTH

FLOW THROUGH UPRIGHT DEPTH

FTHMD□□□□□

HYPERMAXI DECK

BEAM LENGTH

WIRE GRID DECKS AND FLOW THROUGH DECKS... DIMENSIONS...

UPRIGHT DEPTH

ACTUAL DEPTH

PIECE LENGTH

ACTUAL LENGTH

18"

17 3/4"

24"

23 3/4"

20"

19 3/4"

36"

35 3/4"

22"

21 3/4"

48"

47 3/4"

24"

23 3/4"

-

-

30"

29 3/4"

-

-

WIRE GRID AND FLOW THROUGH PIECE LENGTHS RUN PARALLEL TO BEAM LENGTH

BEAM LENGTH

COMBINATIONS OF PIECE LENGTHS

OF DECK SUPPORTS

36"

36"

2

48"

48"

2

60"

24" plus 36"

4

72"

36" plus 36"

4

84"

36" plus 48"

4

96"

48" plus 48"

4

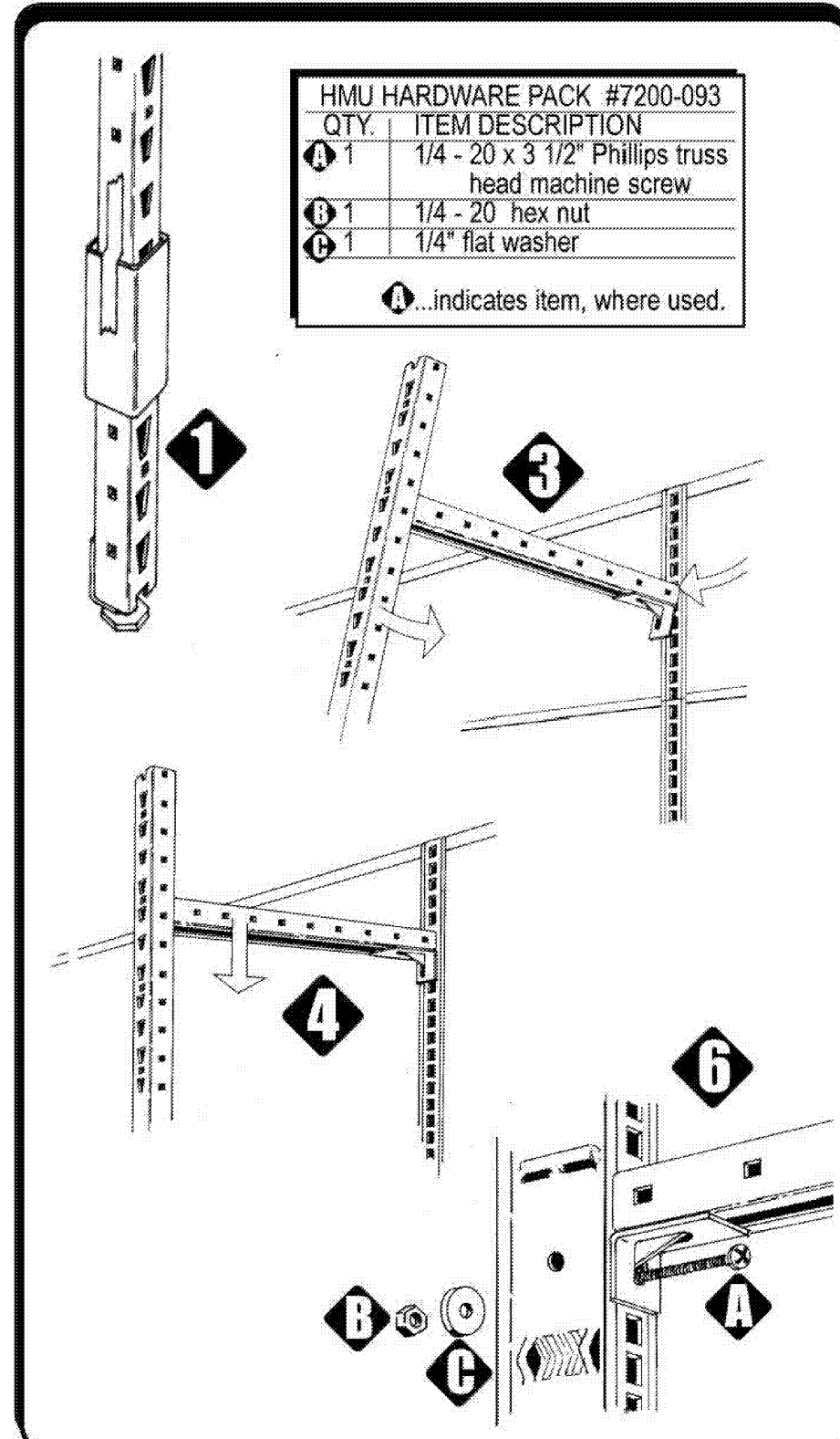
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HYPERMAXI ASY 083

PAGE 4 OF 8

INSTALLATION INSTRUCTIONS

- Run levelers on Hypermaxi uprights all the way up. Slide leveler cover, if used, approximately 6" up Hypermaxi upright and secure with tape.
- If plastic upright end covers, UEC-□□, are used, they should not be installed at this point. If metal upright end covers, VC-□□, they should be installed at this point.
- Hold Hypermaxi upright at an angle as shown and insert bracket into the sixth slot from the top of the fixture upright; if using HMU-□□□□-12 is used, insert into the twelfth slot down. The bottom of the Hypermaxi upright will pivot in toward base when bracket is properly engaged.
- Pull down on the bracket arm, using your weight to properly seat bracket in upright.
- Repeat steps 4-5 on opposite side of fixture if it is a gondola.
- Insert screw as shown through fixture slotting and Hypermaxi upright bracket. Secure with washer and nut on other side.



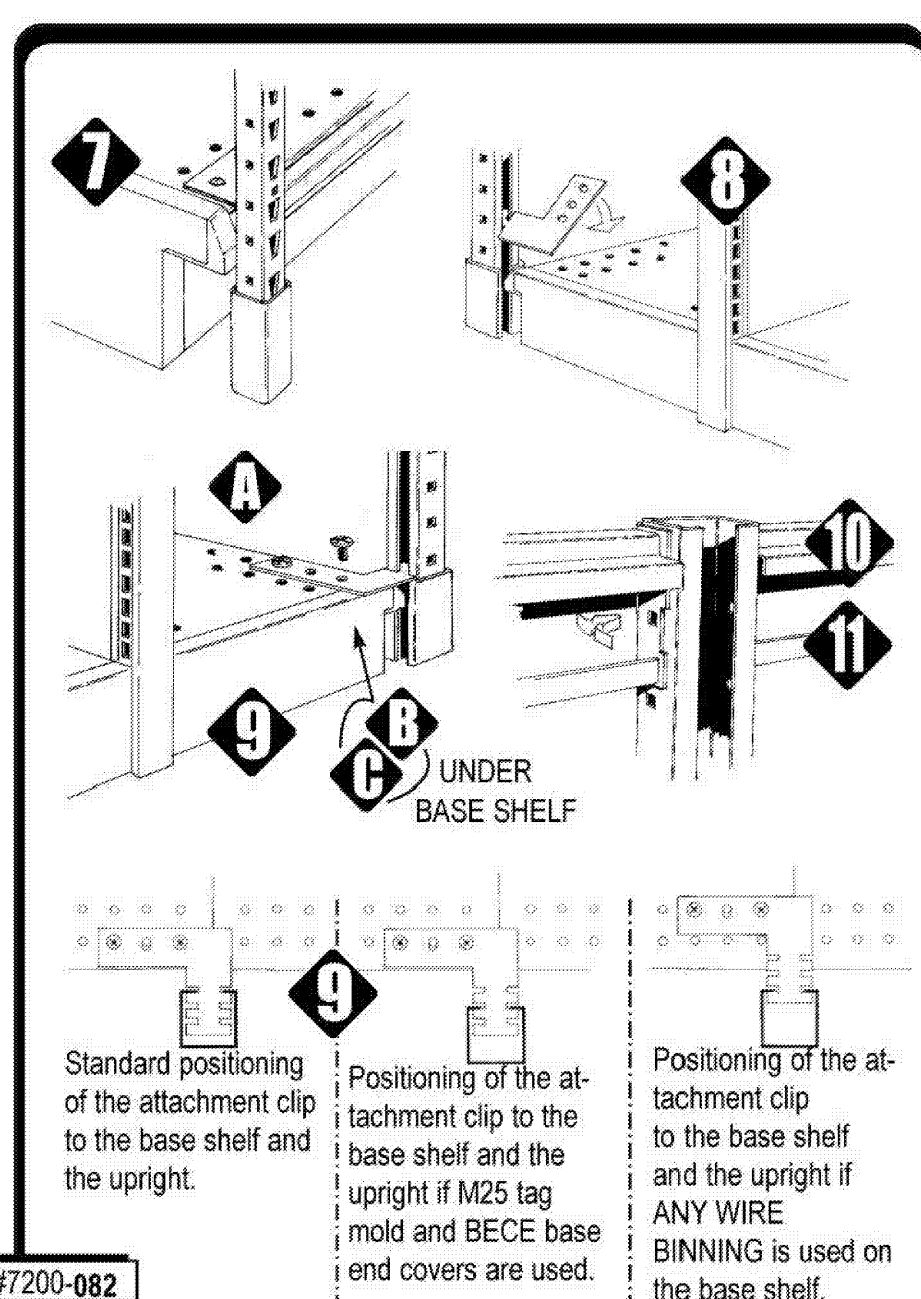
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HYPERMAXI ASY 083

PAGE 5 OF 8

INSTALLATION INSTRUCTIONS

- Run Hypermaxi upright levelers down to floor... untape leveler cover, if used, and slide cover down to floor.
- Insert the attachment clip into Hypermaxi upright and rotate 90°.
- Select required attachment clip positioning from the diagram below, then secure attachment clip to base shelf with fasteners in hardware pack shown below.
- Install beams at required heights. For front and rear beam sizes and bracket shapes, refer to parts identification on page 2.
- Press dart clips through beam bracket and upright on the under side of beam as shown. Insert one dart clip at each end of all beams.



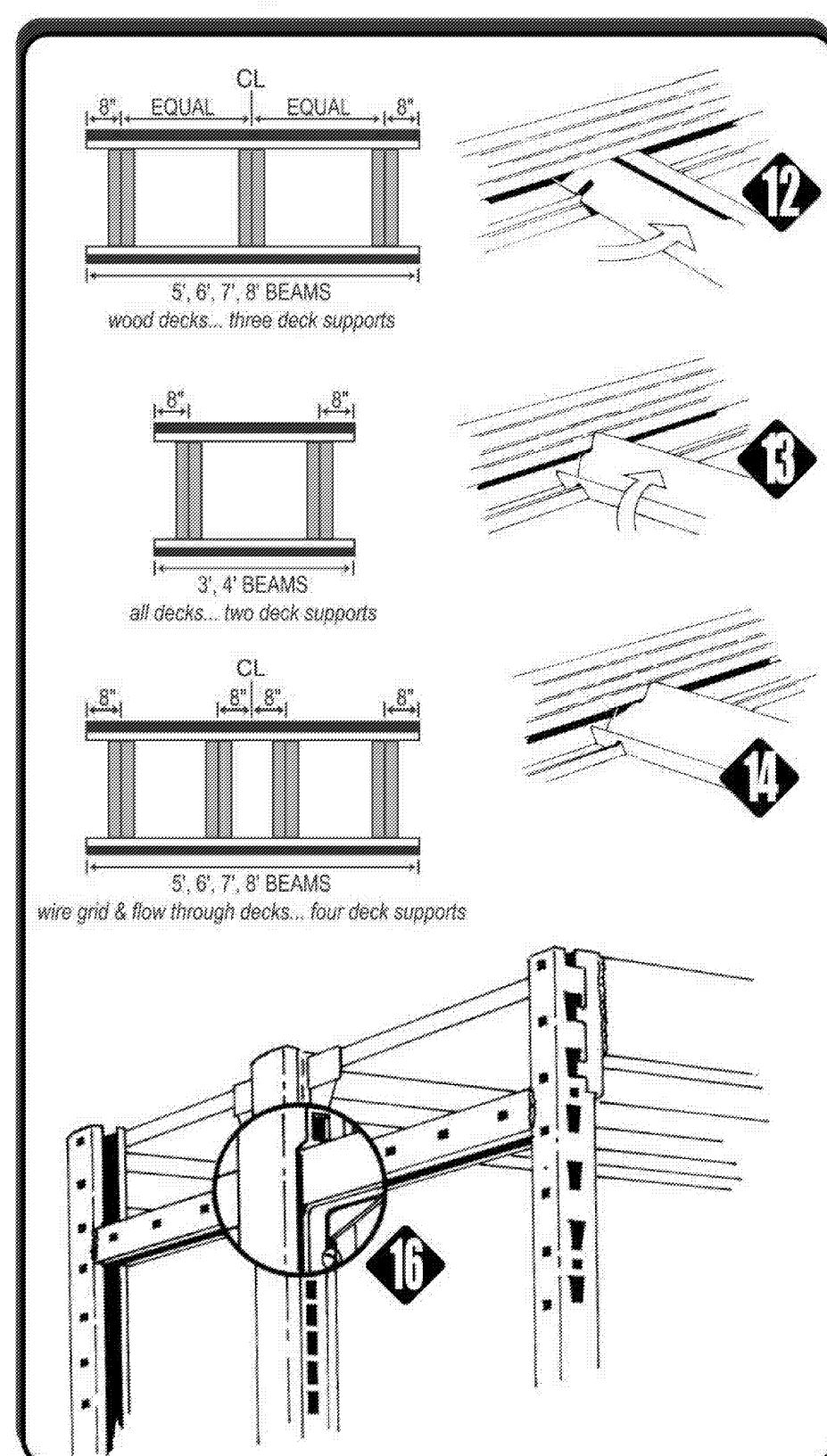
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HYPERMAXI ASY 083

PAGE 6 OF 8

DECK SUPPORTS: QUANTITY AND LOCATION

- Holding the deck support at an angle to the beam, squeeze the open side and insert into the beam, then swing the free end around to the opposite beam, squeeze the open side and insert into the beam.
- Squeeze the open side of the deck support at each end just inside the beam and rotate upwards as shown.
- Correct installed position will look like diagram 14. See layout diagram for quantity of deck supports per beam length. Supports may be slid or tapped into locations as shown.
- Lay the decks on the deck supports. The notches on the particle board decks are on the front edge to accommodate the Hypermaxi upright.
- Trim the UEC-□□□, upright end covers, to fit over the Hypermaxi upright bracket prior to installing them.
- Install upper shelves and accessories into the basic fixture upright.



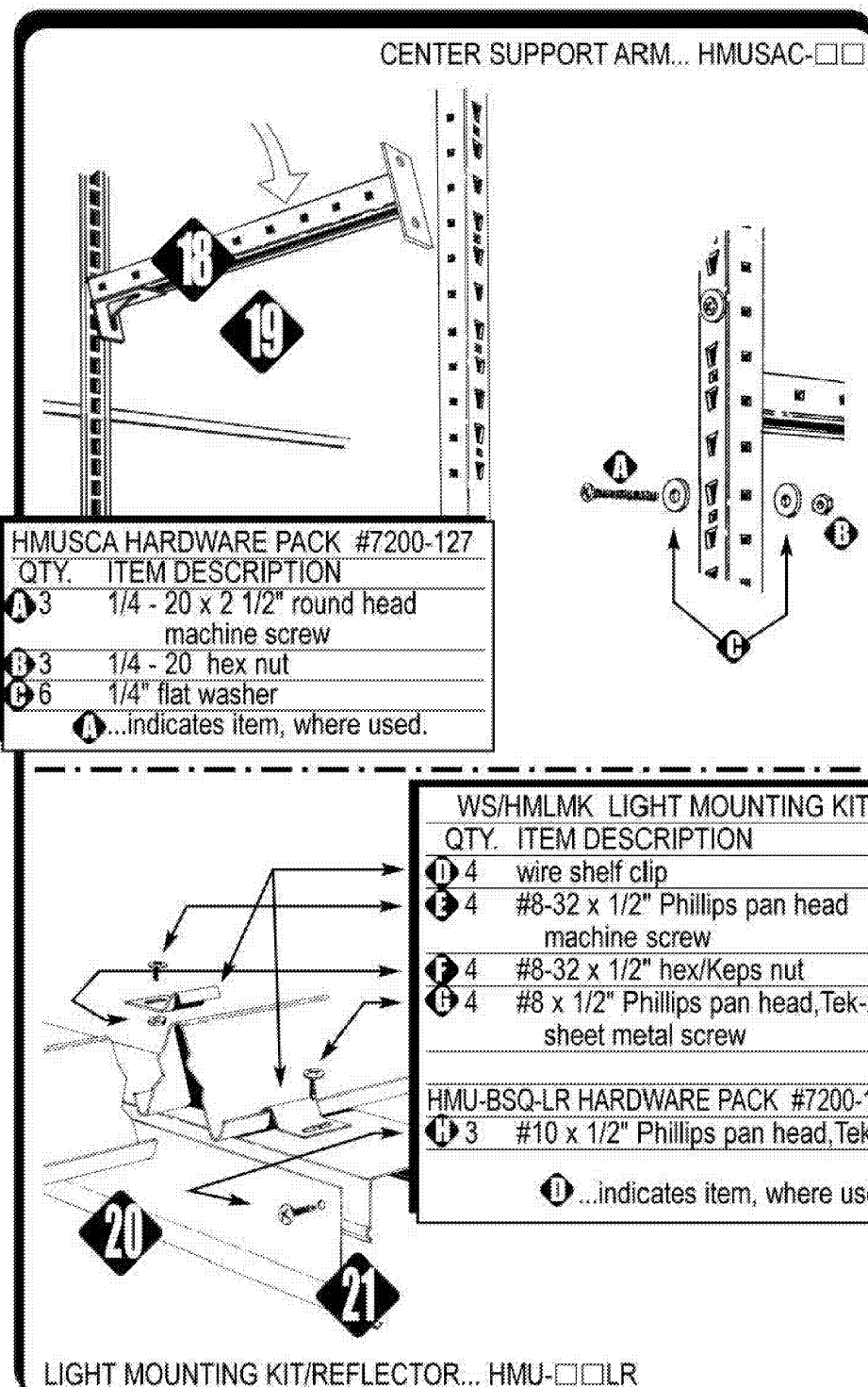
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HYPERMAXI ASY 083

PAGE 7 OF 8

INSTALLATION OF EXTRAS

- The Hypermaxi center support arm must be installed at the approximate midpoint of the Hypermaxi upright and above the installed upper shelves. If two support arms are used on an upright, they should be equally spaced.
- Hold the center support arm at an angle as shown and insert bracket into the basic fixture upright and pull down on the bracket arm, using your weight to properly seat bracket in upright.
- Pull outward on the Hypermaxi upright and swing the center support arm in behind the upright. Align the mounting plate holes with the upright slots and secure with the fasteners as shown.
- There are two means of securing the light fixture to the deck support... the fasteners are provided for either one.
 - Use the self drilling Tek-2 screw, item D, as shown. This runs a slight risk of drilling into the interior wiring of the light fixture.
 - OR
 - Use the screw and nut, items B and C, as shown. This will require removing the light fixture cover.
- Using the self-drilling screws, item E, secure the reflector to the light fixture as shown.



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SAFETY / LOAD CAPACITY

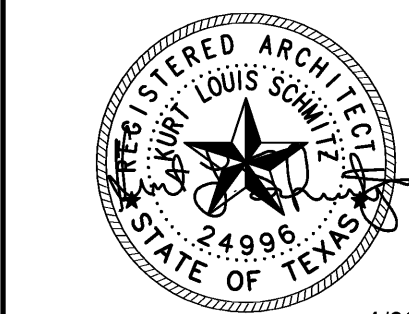
HAND STACK ONLY!
POWERED FORK TRUCKS OR STACKERS
ARE NOT RECOMMENDED FOR USE ON
WIDE SPAN SHELVING

MAXIMUM BEAM LOAD CAPACITY ...PER BEAM PAIR					
BEAM LENGTH	LIGHT DUTY	REGULAR DUTY	HEAVY DUTY	# OF DECK SUPPORTS	
36"	1000 #	1600 #	3000 #	2	
48"	1000 #	1600 #	3000 #	2	
60"	1000 #	1600 #	3000 #	3	
72"	1000 #	1600 #	3000 #	3	
84"	1000 #	1600 #	3000 #	3	
96"	1000 #	1600 #	3000 #	3	

• Based on evenly distributed loads
• Based on 96" beam length, all frame widths

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REV#	ECN#	REVISION	BY	DATE	REV#	ECN#	REVISION	BY	DATE
A	4744	REVISE LAYOUT	ACM	3/16/06					



4/29/19



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#	DATE	TYPE
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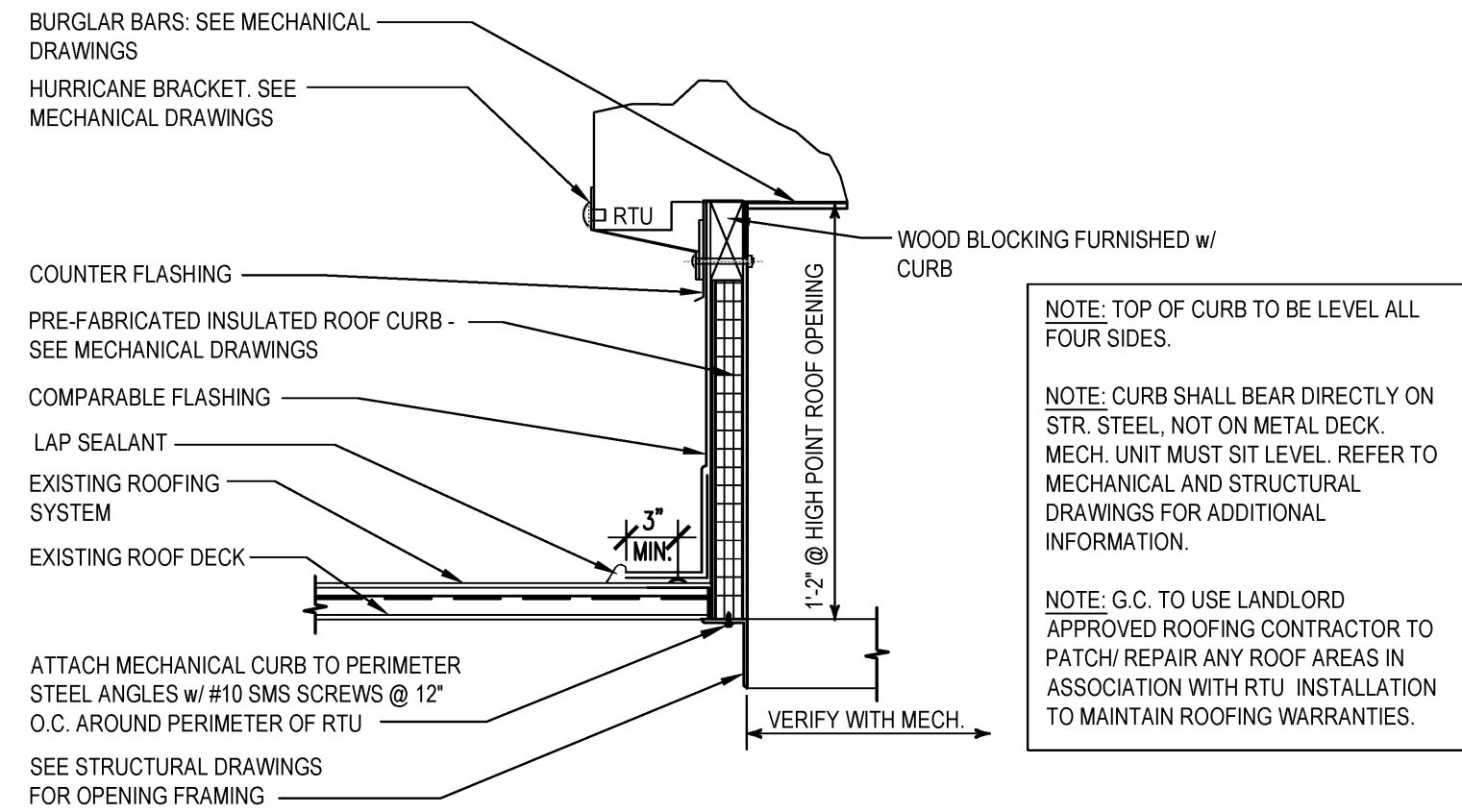
FIXTURE SPECIFICATIONS AND DETAILS

DATE 4/26/19

JOB NO. 18280

A1.10

SHEET NO.

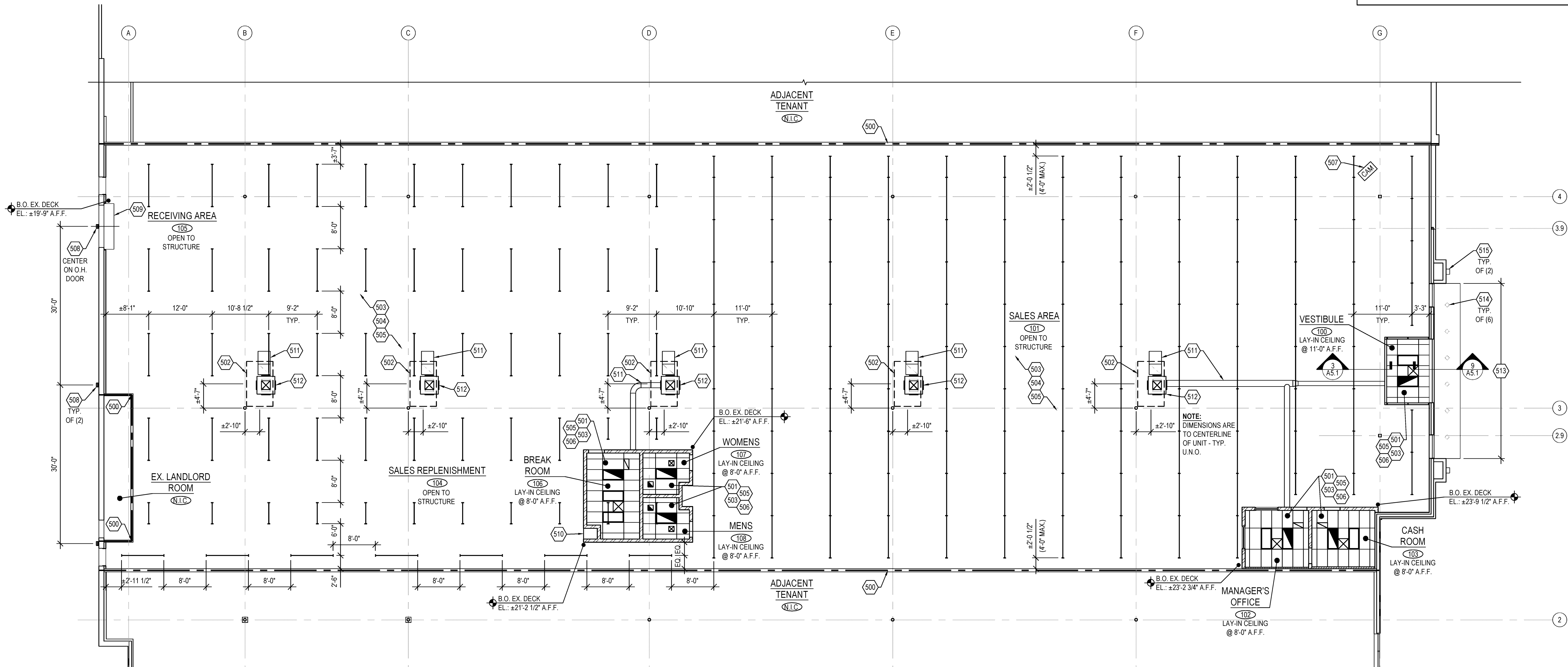


1 MECHANICAL ROOF CURB DETAIL
A2.0 SCALE: 3/4" = 1'-0"

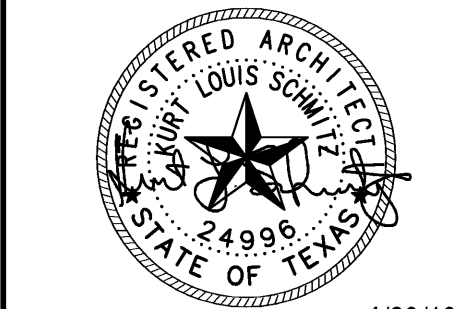
CEILING PLAN GENERAL NOTES			
2' X 4' RECESSED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION		SUPPLY AIR DIFFUSER - SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION	
8' SURFACE MOUNTED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION		RETURN AIR DIFFUSER - SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION	
4' SURFACE MOUNTED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION		EXHAUST FAN - SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION	
EXTERIOR WALL MOUNTED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION		ELECTRIC UNIT HEATER - SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION	
EXTERIOR SURFACE MOUNTED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION			

- ### CEILING PLAN GENERAL NOTES
- REFER TO GENERAL NOTES OF SHEET A0.2 FOR ADDITIONAL INFORMATION.
 - HFT G.C. TO VISIT SITE AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING PROPOSALS AND COMMENCING WORK.
 - HFT G.C. TO NOTIFY HFT PROJECT MANAGER IMMEDIATELY AFTER DEMOLITION OR START OF CONSTRUCTION, IF PROPOSED CEILING HEIGHTS & MECHANICAL REQUIREMENTS CAN NOT BE ACHIEVED FOR ANY REASON.
 - HFT G.C. IS RESPONSIBLE FOR PATCHING & REPAIRING ALL FIREPROOFING AS REQUIRED DUE TO PRIOR TENANT CONSTRUCTION AND DUE TO ANY NEW DEMOLITION OR NEW CONSTRUCTION TO MEET BOTH LANDLORD AND BUILDING DEPARTMENT REQUIREMENTS.
 - HFT G.C. TO PROVIDE CEILING ACCESS PANELS AS REQUIRED TO ACCOMMODATE ELECTRICAL, PLUMBING, SPRINKLER AND/OR MECHANICAL SERVICES THAT PASS THROUGH THE LEASED PREMISES, I.E., J-BOXES, DUCT SMOKE DETECTORS, FIRE DAMPERS, FLOW SWITCHES, UTILITY CONNECTION POINTS, ETC.
 - SUSPENSION WIRES SHALL BE INSTALLED WITH A MAXIMUM SPACING OF 48" O.C.
 - ALL LAY-IN CEILING GRIDS SHALL BE CENTERED IN ROOM U.N.O.
 - SEE FP1.0 FOR SPRINKLER INFORMATION.

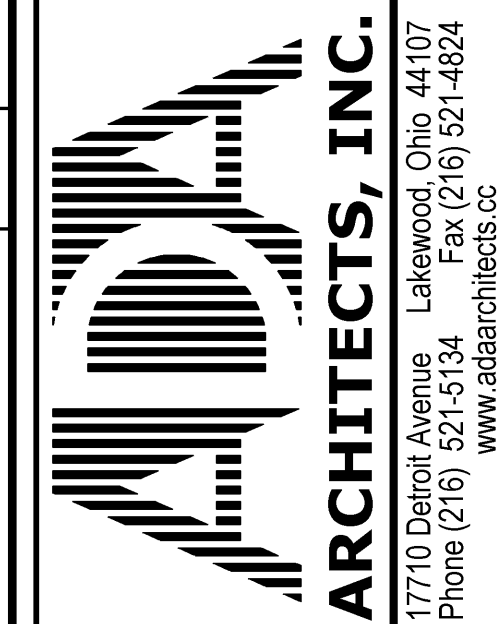
- ### 500 SERIES CEILING PLAN KEY NOTES
- APPROXIMATE LOCATION OF HFT LEASE LINE.
 - 2' X 4' SUSPENDED CEILING SYSTEM - INSTALLED PER MANUFACTURERS SPECIFICATIONS. SEE FINISH SCHEDULE ON A1.3 FOR ADDITIONAL INFORMATION. CEILING TO BE CENTERED IN ROOM U.N.O.
 - APPROXIMATE LOCATION OF NEW HVAC ROOFTOP UNIT AND CURB. G.C. TO CONTRACT WITH LANDLORD ROOFING CONTRACTOR TO MAINTAIN ALL ROOFING WARRANTIES. REFER TO DETAIL 1/A2.0, STRUCTURAL, AND MECHANICAL DRAWINGS. COORDINATE EXACT DIMENSIONS WITH MECHANICAL CONTRACTOR.
 - RE-WORK EXISTING SPRINKLER SYSTEM TO WORK WITH ROOM LAYOUT. SEE FP1.0 FOR ADDITIONAL INFORMATION.
 - EXPOSED STRUCTURE - REMOVE ANY UNUSED EQUIPMENT, WIRES, HANGERS, ETC. FROM STRUCTURE AREA. PAINT ENTIRE STRUCTURE PER FINISH SCHEDULE ON SHEET A1.3. (NOTE: IF EXISTING BATT INSULATION IS PRESENT AT UNDERSIDE OF EXISTING ROOF DECK CONTRACTOR SHALL COVER BATT INSULATION WITH WHITE VINYL CAP SHEET OR SCRIM. WHERE EXISTING BATT INSULATION IS MISSING OR DAMAGED, CONTRACTOR TO REPLACE WITH NEW INSULATION TO MATCH EXISTING. NEW INSULATION TO BE STRAPPED TO DECK. CONTRACTOR TO COVER BATT INSULATION WITH WHITE VINYL CAP SHEET OR SCRIM. DO NOT INSTALL WHITE FILM OR SCRIM OVER BATT INSULATION WHICH ARE ENCLOSED BY FULL HEIGHT WALLS OR COVERED BY ACT SYSTEM.) IF INSULATION HAS BEEN REMOVED ENTIRELY BY LANDLORD, EXPOSED DECK TO BE PAINTED PER PROTOTYPICAL FINISHES ON SHEET A1.3.
 - NEW LIGHT FIXTURES THROUGHOUT ENTIRE HFT SPACE, UNLESS NOTED OTHERWISE. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - SUPPLY AND RETURN AIR DIFFUSERS OCCUR AT ROOM LOCATIONS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - MOUNT OX-BLUE CAMERA ON BOTTOM OF ROOF JOIST 36" BELOW JOIST. SECURE CORD TO JOIST/CEILING SPACE TO ENSURE CORD DOES NOT INTERFERE WITH FIXTURE AND MERCHANDISING.
 - WALL MOUNTED EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - EXISTING OVERHEAD COIL-UP DOOR HOUSING. SEE SHEET A5.0 FOR ADDITIONAL INFORMATION.
 - GYPSON BOARD SHELF AT 8'-0" A.F.F. TO BE PAINTED. SEE SHEET A1.3 AND DETAIL 1/A4.1 FOR ADDITIONAL INFORMATION.
 - DUCTWORK - DO NOT PAINT. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - CONCENTRIC DIFFUSER. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - EXISTING CANOPY - **NO WORK**.
 - EXISTING CANOPY DOWNLIGHT - **NO WORK**.
 - EXISTING DECORATIVE LIGHT SCIENCE - **NO WORK**.



REFLECTED CEILING PLAN
SCALE 3/32" = 1'-0"



4/29/19



HARBOR FREIGHT TOOLS

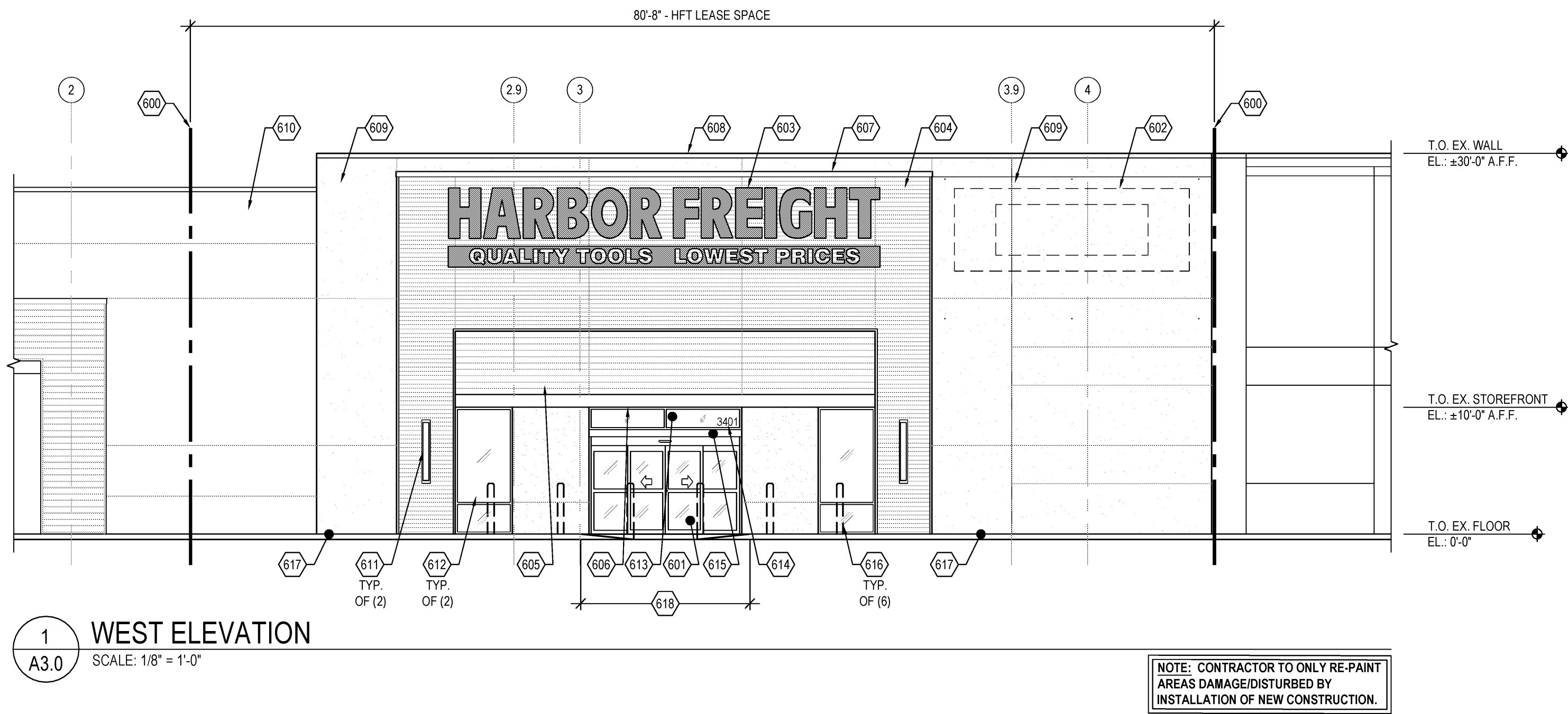
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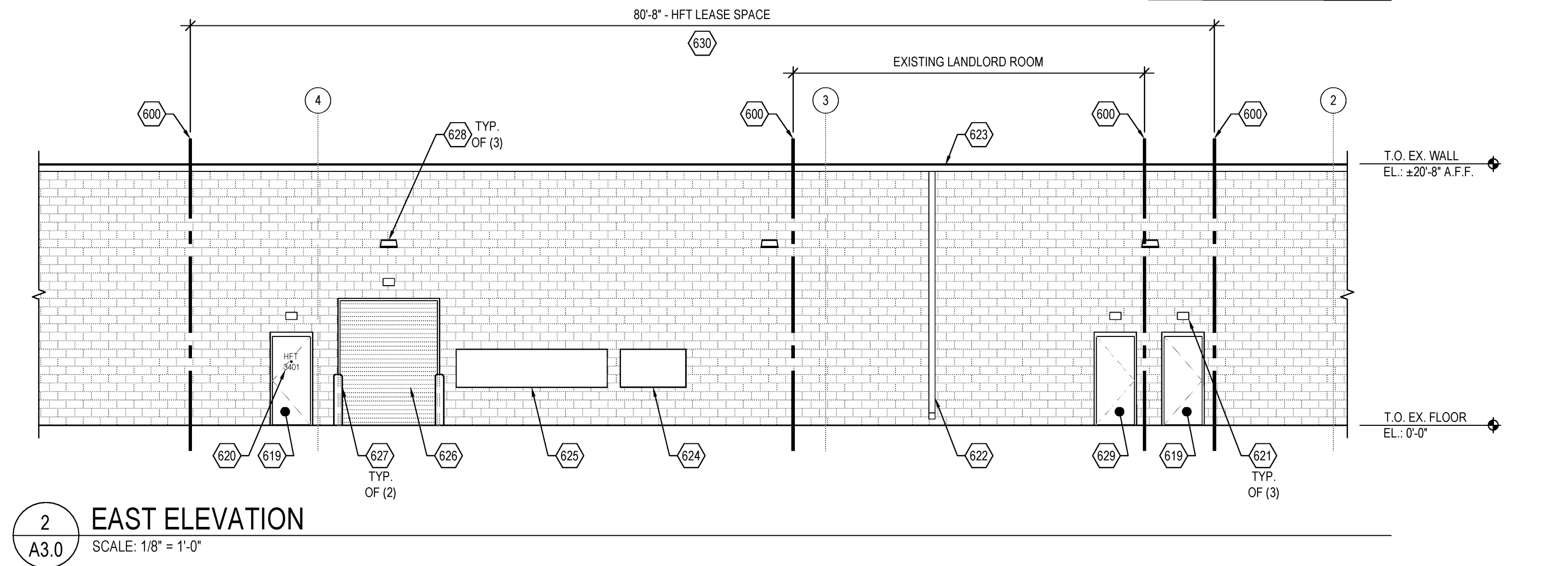
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REFLECTED CEILING PLAN	
DATE	4/26/19
JOB NO.	18280
A2.0	
SHEET NO.	



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



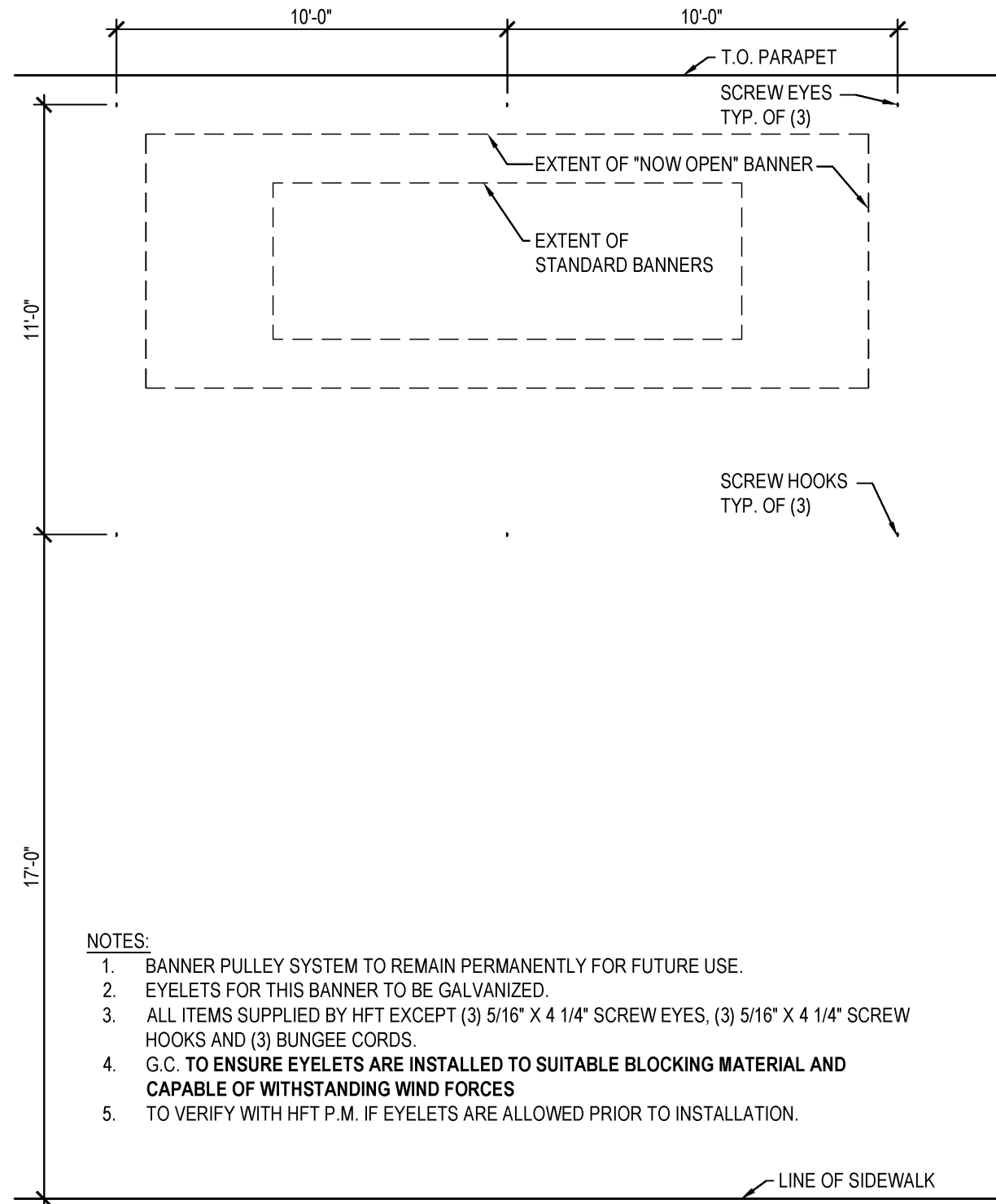
2 EAST ELEVATION
SCALE: 1/8" = 1'-0"

GENERAL NOTES

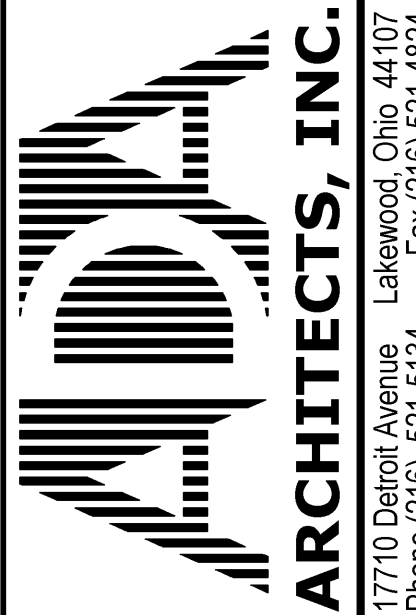
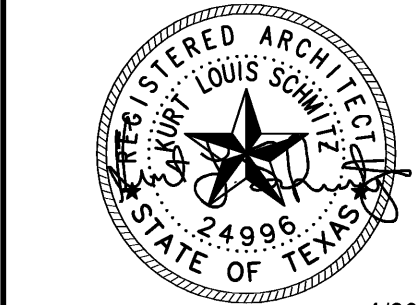
- REFER TO GENERAL NOTES ON SHEET **A0.2** FOR ADDITIONAL INFORMATION.
- SIGNAGE PERMIT DRAWINGS TO BE SUBMITTED SEPARATELY.
- HFT GENERAL CONTRACTOR TO VISIT SITE AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING PROPOSALS AND COMMENCING WORK.
- SIGNAGE SHOWN FOR REFERENCE ONLY - ACTUAL SIGNAGE SIZE AND TYPE TO BE DETERMINED BY HFT AND LANDLORD.
- ALL SIGNAGE TO COMPLY WITH LANDLORD TENANT CRITERIA AND STATE / LOCAL CODES.
- COORDINATE WITH SIGNAGE VENDOR FOR ANY SPECIFIC CRITERIA TO BE USED.
- ALL SIGNAGE TO BE UL RATED.
- EXISTING STOREFRONT CONSTRUCTION AND FINISHES TO REMAIN U.N.O.
- WHERE A SURFACE IS NOTED TO BE PAINTED, PAINTING SHALL INCLUDE SURFACE PREPARATION FOR PAINT ACCORDING TO PAINT MANUFACTURER RECOMMENDATIONS.

600 SERIES ELEVATION KEY NOTES

- LOCATION OF LEASE LINE.
- DORMA BI-PARTING DOOR SYSTEM. SEE SHEETS **A5.0** AND **A5.1** FOR ADDITIONAL INFORMATION.
- SIGNAGE BANNER. PROVIDE 3/8" GALVANIZED EYELETS SPACED AS SHOWN ON DETAIL **A/A3.0**.
- APPROXIMATE LOCATION OF HFT EXTERIOR BUILDING SIGN. BUILDING SIGNAGE PROVIDED AND INSTALLED BY HFT SIGN VENDOR. HFT GENERAL CONTRACTOR TO COORDINATE ACTUAL SIGNAGE LOCATION WITH **FINAL APPROVED BRANDBOOK**. LOCATION AND SIZE SHOWN ARE APPROXIMATE. ALL SIGNAGE IS BY SEPARATE PERMIT. G.C. TO PROVIDE AND INSTALL SIGNAGE BLOCKING AND POWER AS COORDINATED WITH SIGNAGE VENDOR. G.C. RESPONSIBLE FOR PATCH AND REPAIR OF WALL / ROOF WHERE AFFECTED BY SIGNAGE INSTALL. G.C. TO CONTRACT WITH LANDLORD'S ROOFING CONTRACTOR FOR ALL ROOFING WORK TO MAINTAIN ALL ROOFING WARRANTIES.
- EXISTING METAL PANEL WALL SYSTEM.
- EXISTING WOOD SCREEN SYSTEM.
- EXISTING METAL CANOPY.
- EXISTING E.I.F.S. CAP.
- EXISTING METAL COPING.
- EXISTING PAINTED STUCCO.
- EXISTING PAINTED CONCRETE TILT-UP WALL PANEL.
- EXISTING WALL SCIENCE.
- EXISTING ALUMINUM FRAME STOREFRONT WINDOW SYSTEM.
- ALUMINUM FRAME STOREFRONT TRANSOM SYSTEM. SEE SHEET **A5.1** FOR ADDITIONAL INFORMATION.
- PROVIDE 8" HIGH WHITE VINYL NUMBERS STATING STREET ADDRESS IN HELVETICA FONT STYLE ON TRANSOM. SEE DOOR SCHEDULE NOTES ON SHEETS **A5.0** AND **A5.1** FOR ADDITIONAL INFORMATION.
- METAL WRAPPED DOOR HEADER. SEE SHEET **A5.1** FOR ADDITIONAL INFORMATION.
- 6" PIPE BOLLARD. SEE SHEET **A1.1** AND DETAIL **3/A4.1** FOR ADDITIONAL INFORMATION.
- EXISTING CONCRETE WALK.
- ACCESSIBLE CONCRETE CURB RAMP. SEE SHEETS **A5.0** AND **A1.1** FOR ADDITIONAL INFORMATION.
- ALUMINUM FRAME STOREFRONT TRANSOM SYSTEM. SEE SHEET **A5.1** FOR ADDITIONAL INFORMATION.
- EXISTING DOOR AND FRAME. SEE SHEET **A5.0** FOR ADDITIONAL INFORMATION.
- PROVIDE 6" HIGH VINYL LETTERING STATING "HFT" AND STREET ADDRESS IN HELVETICA FONT. COLOR TO CONTRAST WITH DOOR.
- EXISTING EMERGENCY EXIT LIGHT.
- EXISTING DOWNSPOUT. CONTRACTOR TO CLEAN DOWNSPOUT OF ALL DEBRIS TO ENSURE PROPER DRAINAGE IS ACHIEVED.
- EXISTING GUTTER. CONTRACTOR TO CLEAN GUTTER OF ALL DEBRIS TO ENSURE PROPER DRAINAGE IS ACHIEVED.
- APPROXIMATE LOCATION OF HFT ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- APPROXIMATE LOCATION OF EXISTING ELECTRICAL EQUIPMENT.
- EXISTING OVERHEAD DOOR. SEE SHEET **A5.0** FOR ADDITIONAL INFORMATION.
- 6" PIPE BOLLARD. SEE SHEET **A1.1** AND DETAIL **3/A4.1** FOR ADDITIONAL INFORMATION.
- WALL MOUNTED LIGHT FIXTURE. SEE SHEET **A2.0** AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING ACCESS DOOR TO LANDLORD ROOM.
- EXISTING CMU AND CONCRETE PANEL TO BE PAINTED TO MATCH EXISTING. PAINT TO EXTEND TO CONTROL JOINT NEAREST TO LEASE LINE.



A BANNER DETAIL - PULLEY SYSTEM
SCALE: 1/4" = 1'-0"



HARBOR FREIGHT TOOLS

TEXAS CITY, TX 77590

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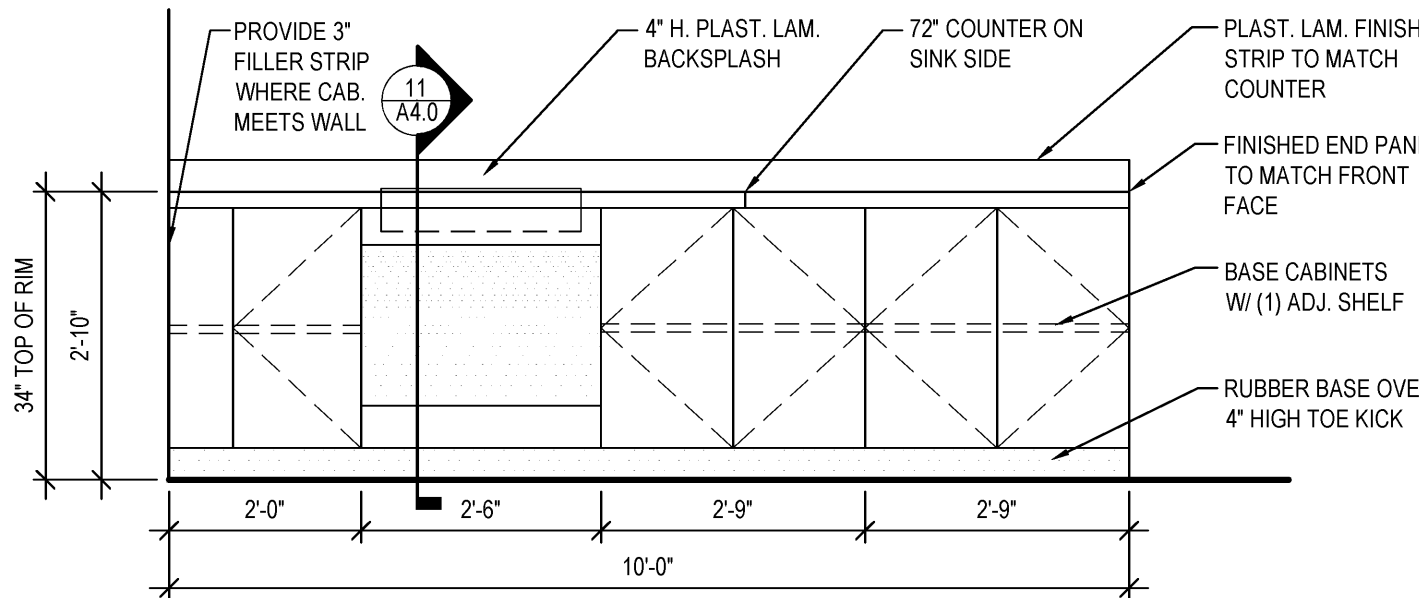
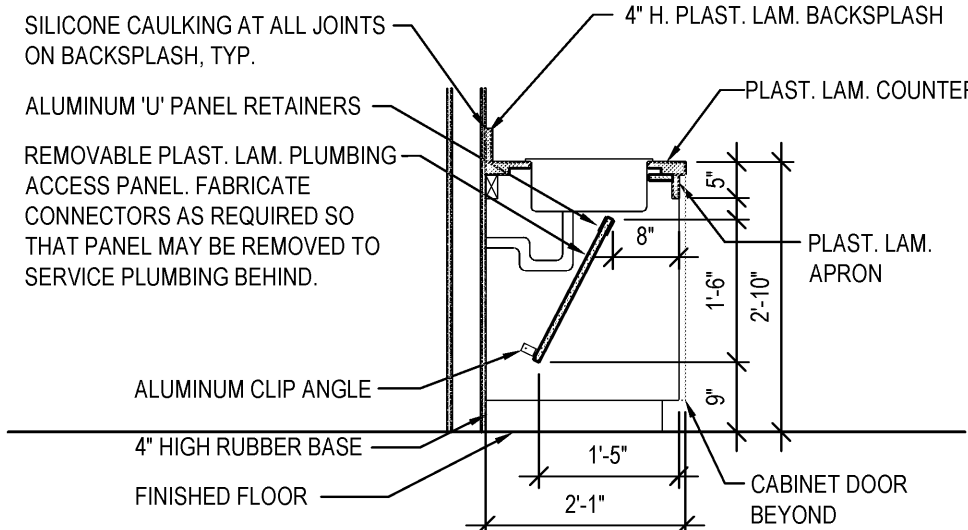
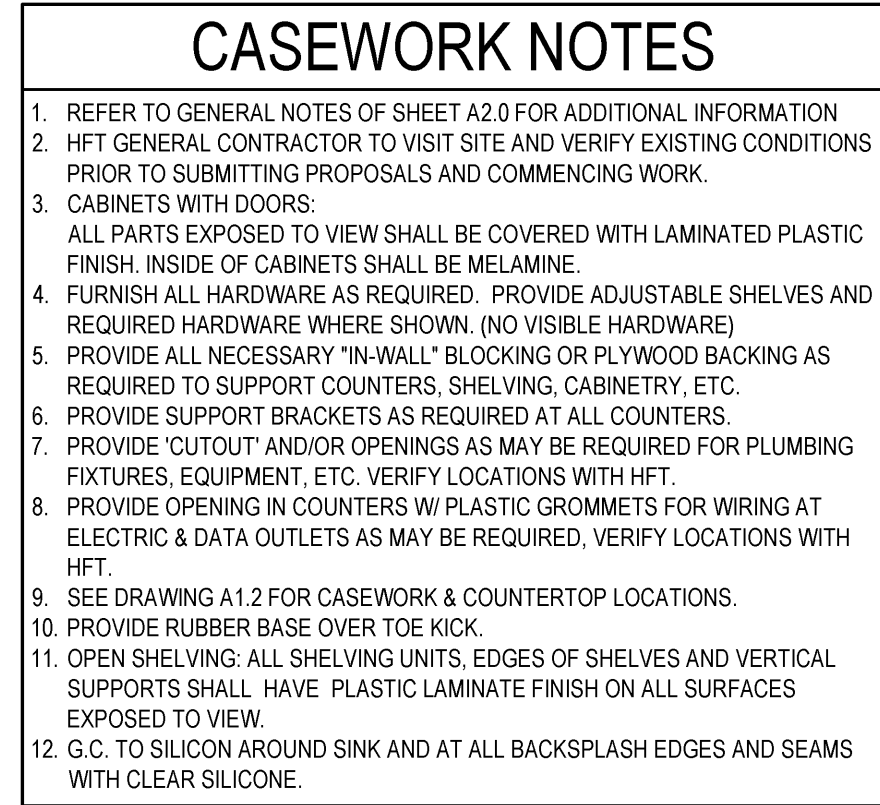
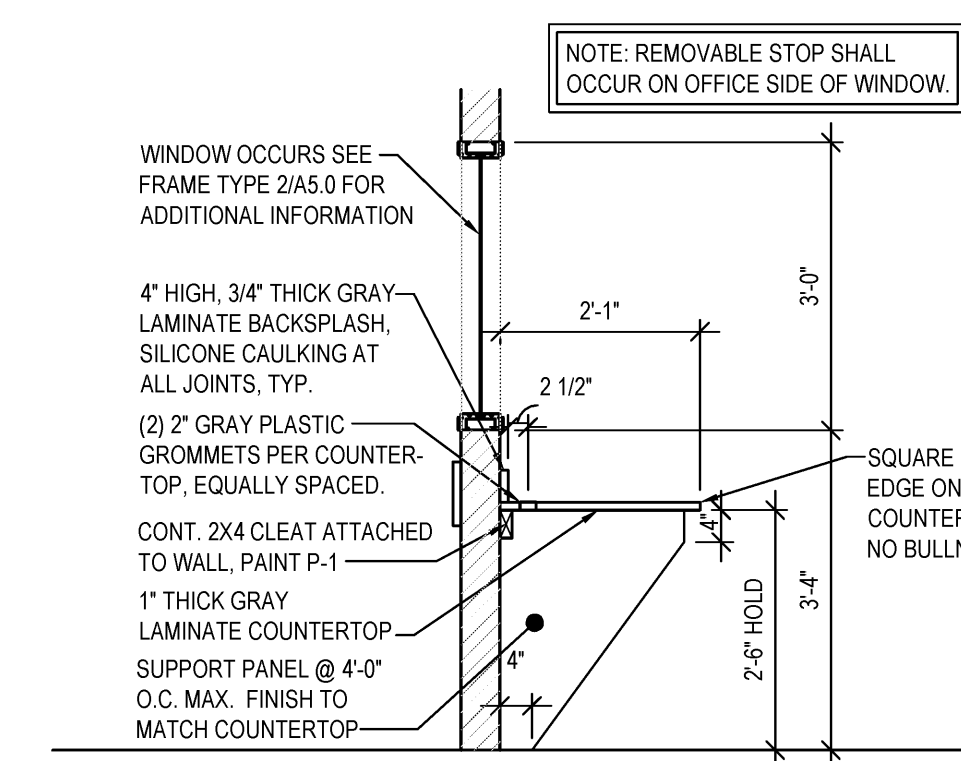
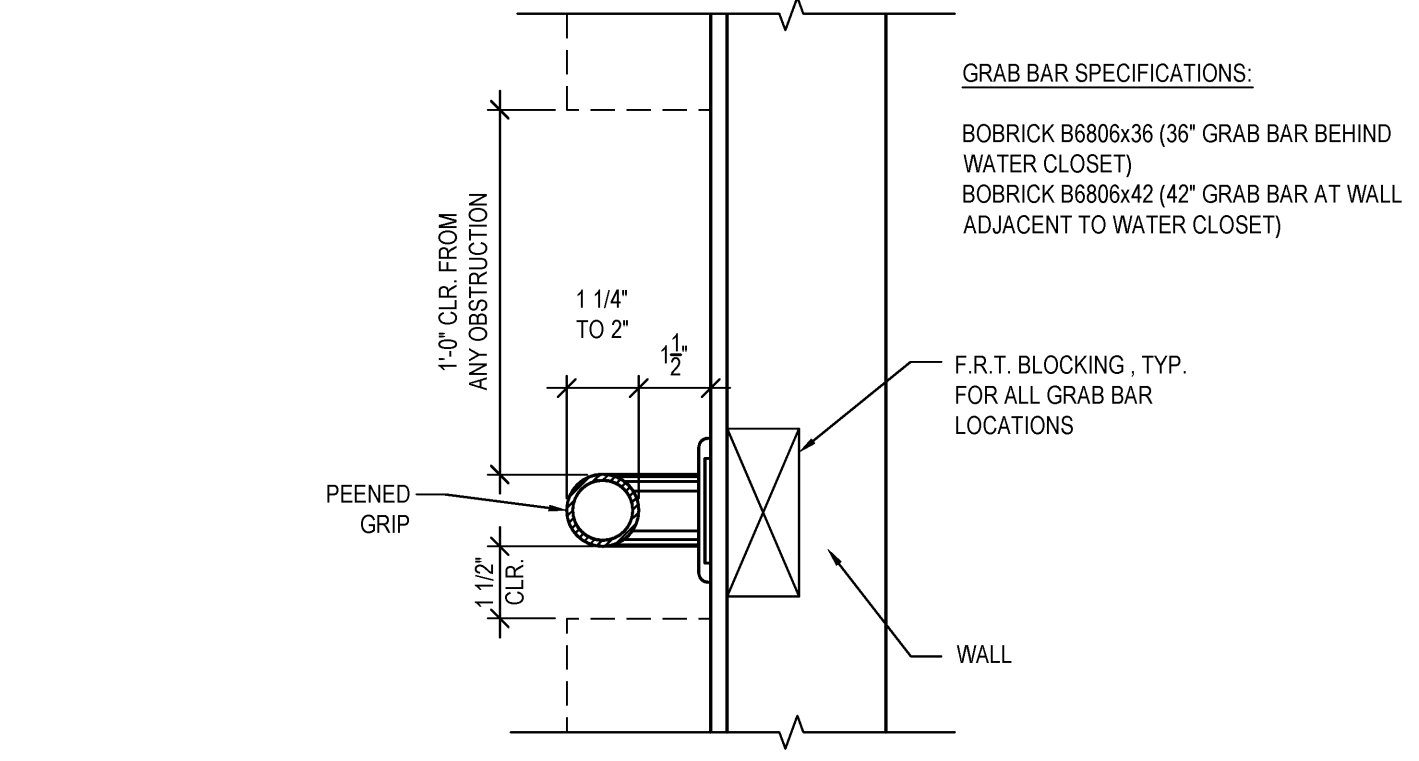
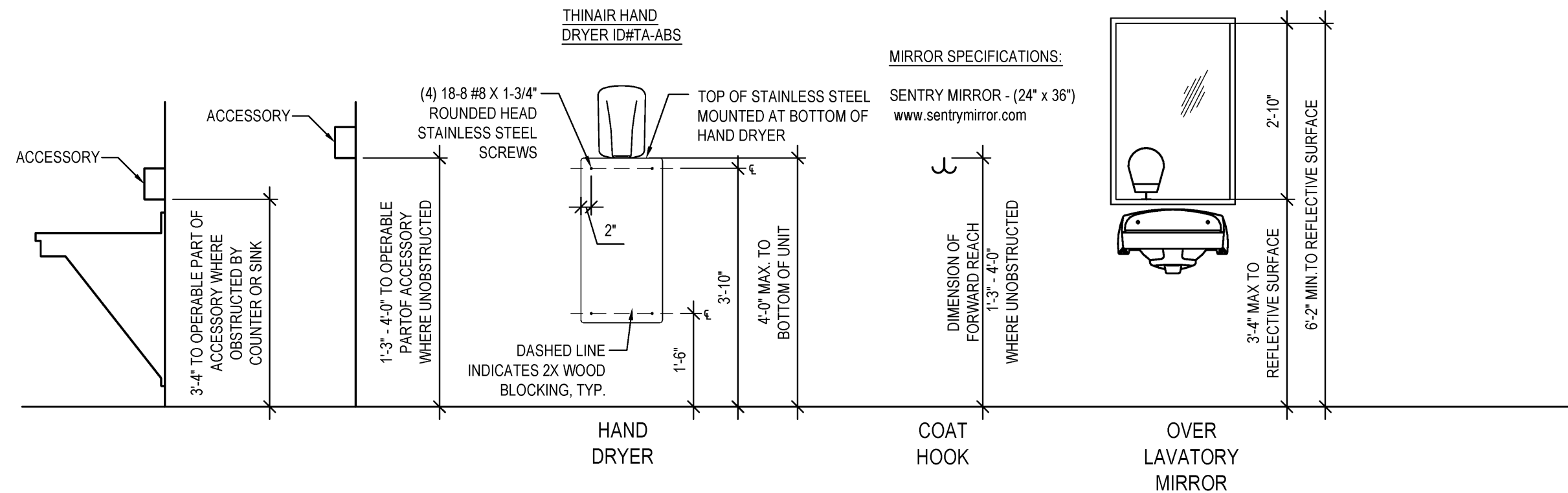
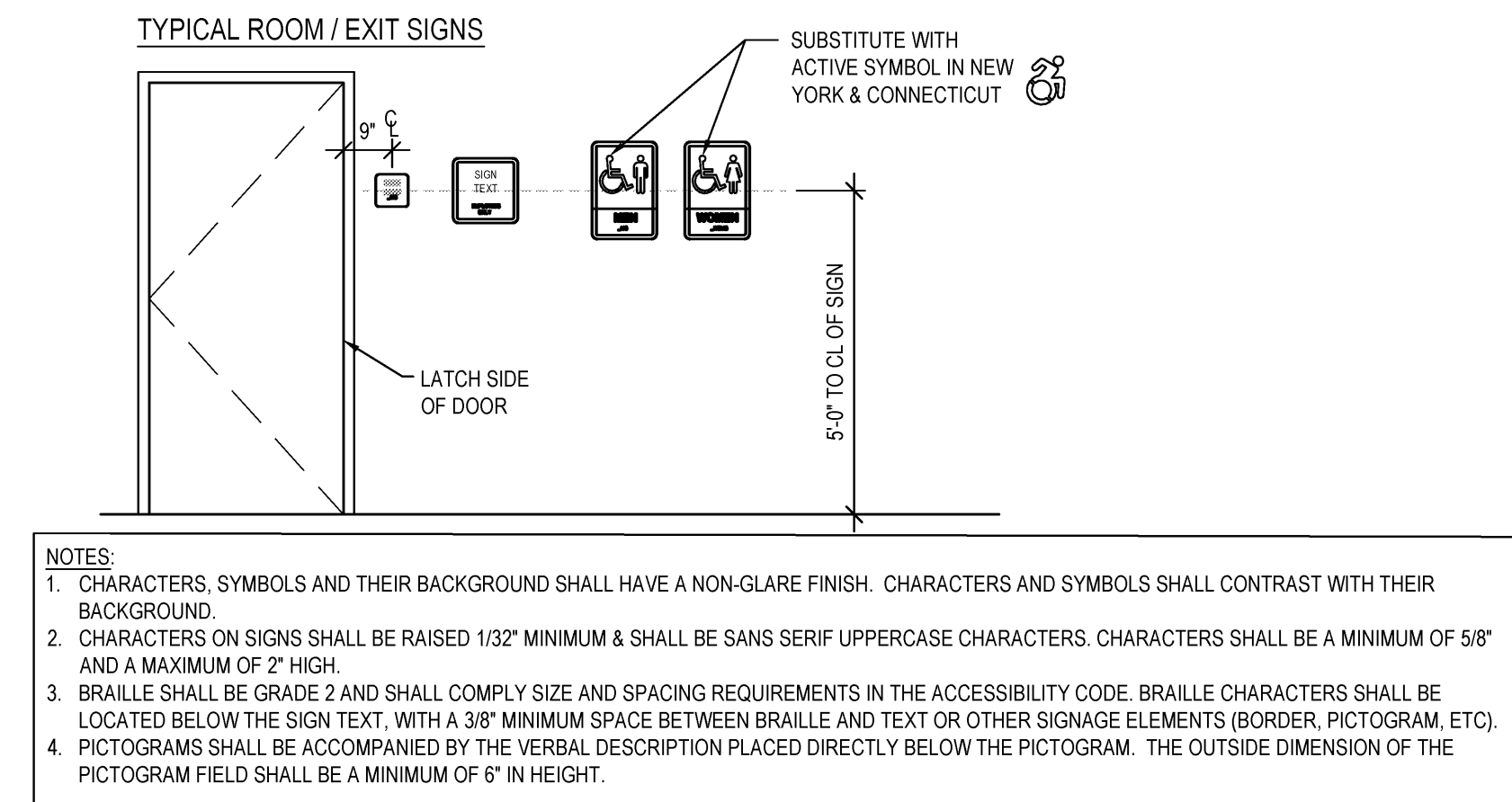
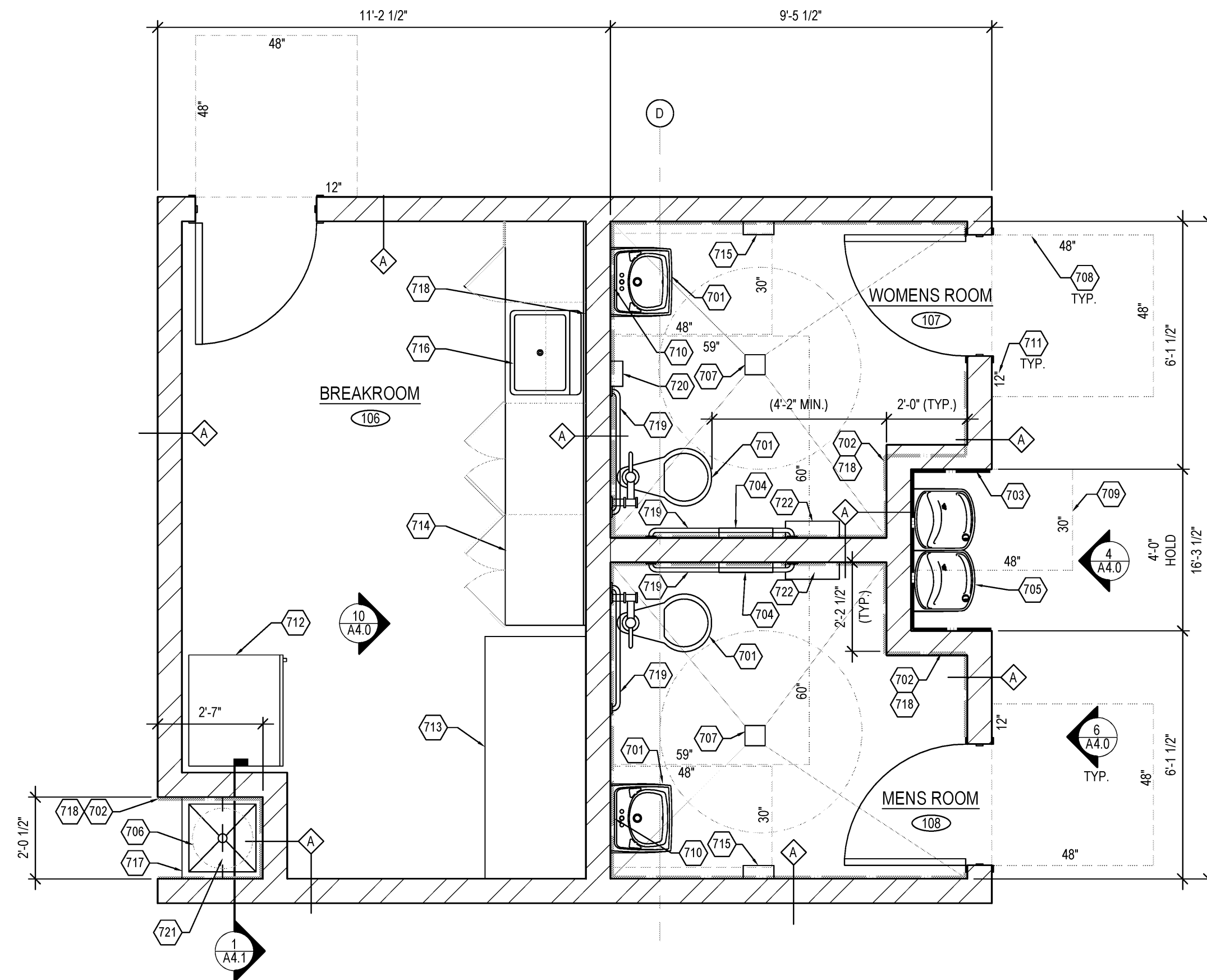
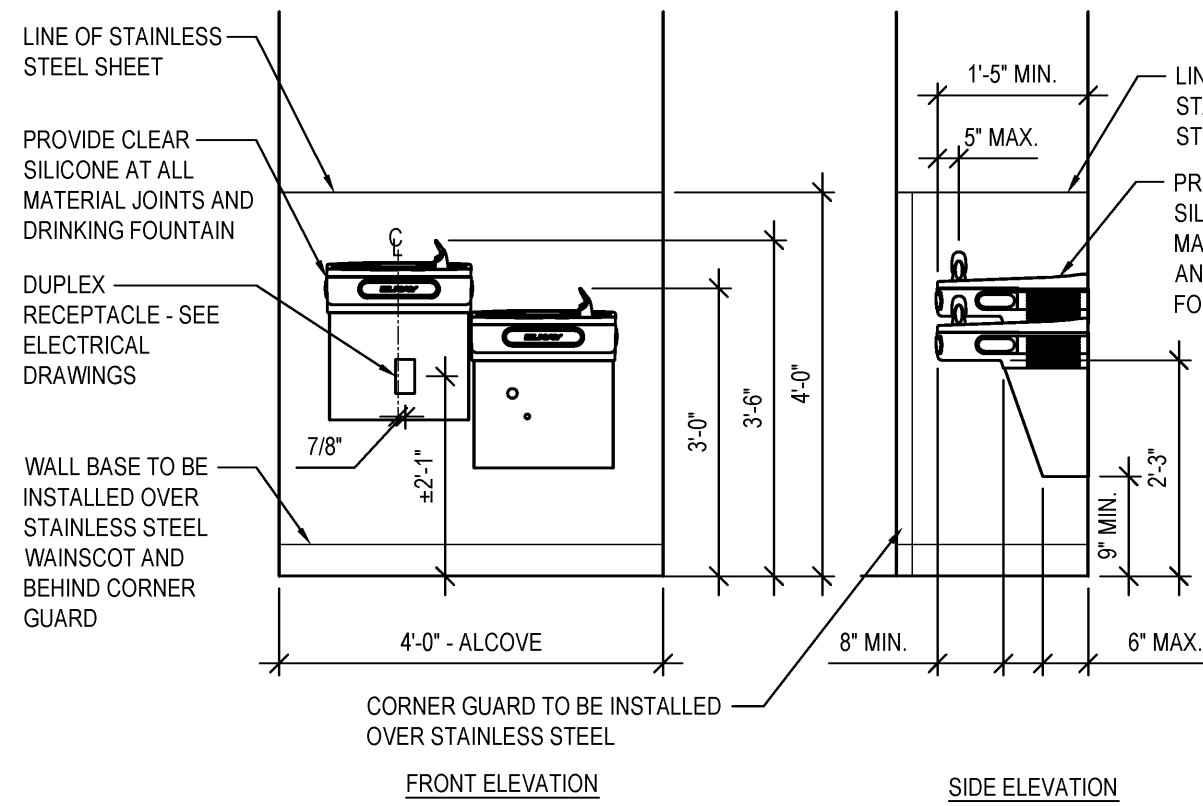
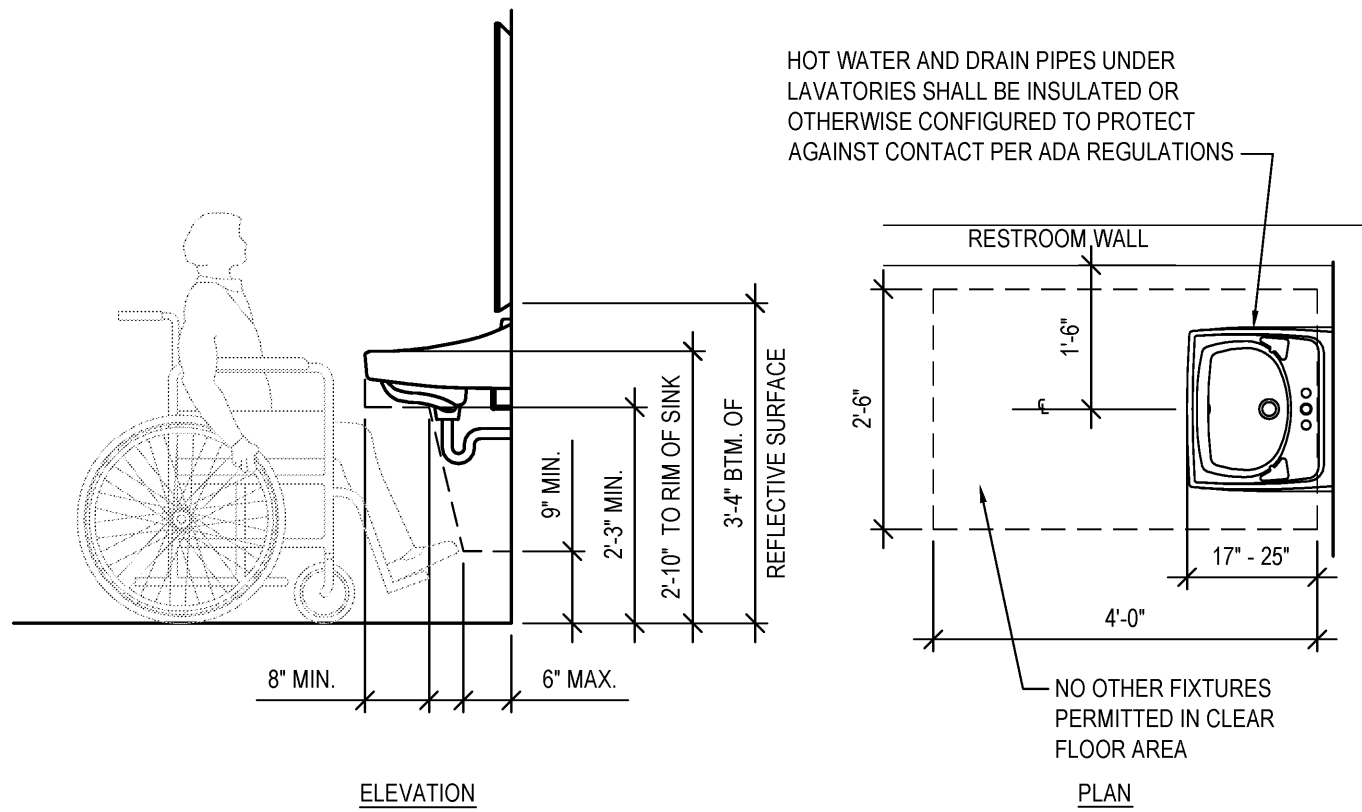
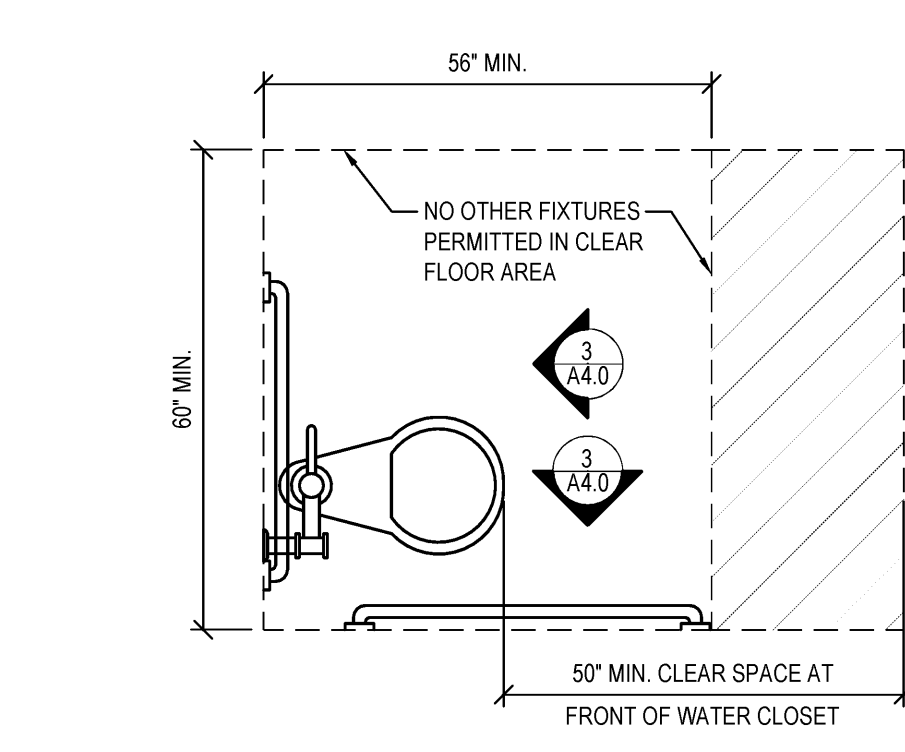
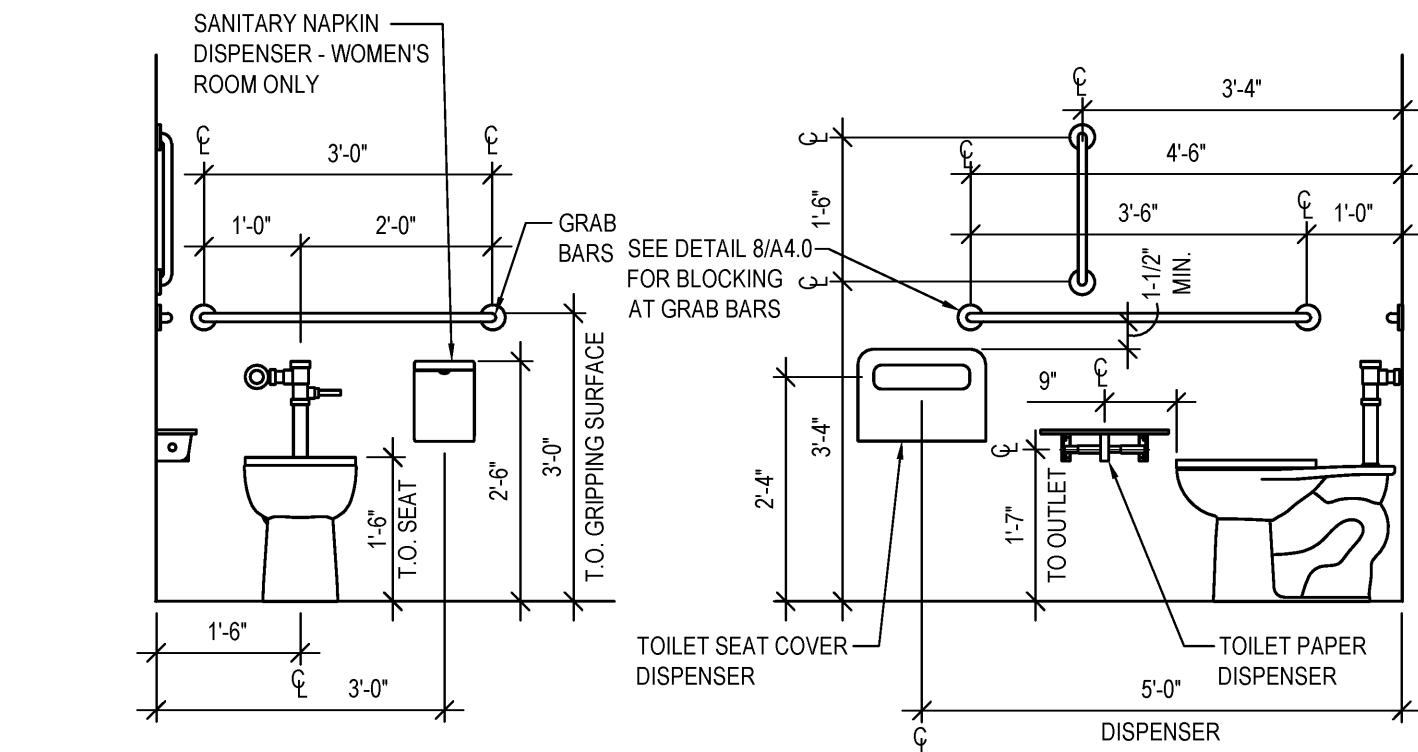
EXTERIOR
ELEVATIONS

DATE 4/26/19

JOB NO. 18280

A3.0

SHEET NO.

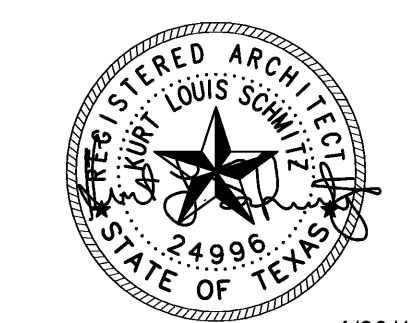


GENERAL NOTES

- SEE TYPICAL RESTROOM DETAILS THIS SHEET FOR ADDITIONAL INFORMATION.
- SEE A1.1, & 4.1 FOR KEY NOTE REFERENCES, WALL TYPE REFERENCES, AND ADDITIONAL INFORMATION.
- SEE PLUMBING SHEET FOR FIXTURE TYPES.
- FURNISH ALL HARDWARE AS REQUIRED. PROVIDE ADJUSTABLE SHELVES AND REQUIRED HARDWARE WHERE SHOWN. (NO VISIBLE HARDWARE)
- SEE ELECTRICAL & PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

700 SERIES KEY NOTES

- RESTROOM FIXTURES. SEE DETAILS 2, 3 & 5 / A4.0 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- DOTTED LINE INDICATES PROVIDE AND INSTALL WC-1 ON WALL, AS SHOWN. SEE FINISH SCHEDULE A1.3 FOR ADDITIONAL INFO.
- GREEN BOARD AND 20 GA. STAINLESS STEEL SHEET TO EXTEND FROM FLOOR TO 4'-0" A.F.F. AT ALL DRINKING FOUNTAIN WALLS. SEE DETAIL 4/A4.0 FOR ADDITIONAL INFORMATION.
- TOILET PAPER DISPENSER BOBRICK MODEL: #B-2840.
- DRINKING FOUNTAIN - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- WATER HEATER MOUNTED ABOVE MOP SINK ON SHELF. SHELF TO BE MOUNTED AT 8'-0" A.F.F. REFER TO PLUMBING DRAWINGS FOR MORE DETAILS.
- FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR MORE DETAILS. CONTRACTOR TO SLOPE FLOOR TOWARDS DRAIN. (SLOPE NOT TO EXCEED 2%).
- DASHED LINE INDICATES MIN. CLEAR FLOOR SPACE (TYP.)
- CLEAR FLOOR SPACE CENTERED ON LOW DRINKING FOUNTAIN.
- MIRROR LOCATION. SEE DETAIL 7 THIS SHEET FOR MOUNTING HEIGHTS AND DIMENSIONS.
- NUMBERS INDICATE MINIMUM CLEAR AREA AT FLOOR SPACE DIAGRAMS (TYP.)
- REFRIGERATOR LOCATION.
- APPROXIMATE LOCATION OF BREAKROOM TABLE BY HFT.
- BREAK ROOM CABINETS: SEE DETAILS 10&11 THIS SHEET.
- THINAIR HAND DRYER (110-120V, 7 AMPS), MODEL #TA-ABS, WITH ANTI-MICROBIAL WALL GUARDS, ID #B9S. SEE DETAIL 7 THIS SHEET FOR MOUNTING INFORMATION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFO.
- BREAKROOM SINK SEE P1.0 PLUMBING FIXTURES SPECIFICATIONS.
- MOP SINK - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- USE 5/8" GREEN BOARD IN PLACE OF 5/8" GYP BOARD AS NOTED.
- GRAB BARS - SEE DETAILS 2, 3, & 8 / A4.0 FOR ADDITIONAL INFORMATION.
- SANITARY NAPKIN DISPOSAL BOBRICK MODEL: #B-270.
- (2) 12" DEEP WHITE WIRE SHELVES FOR CLEANING SUPPLIES.
- TOILET SEAT COVER DISPENSER TORK MODEL: #99A.



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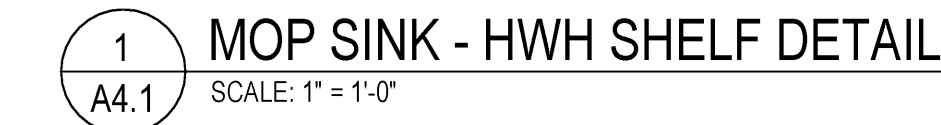
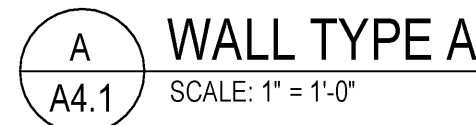
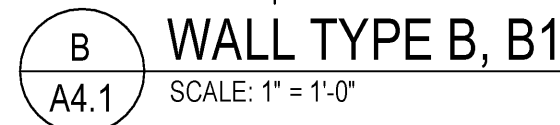
SECTIONS & DETAILS

DATE 4/26/19

JOB NO. 18280

A4.0

SHEET NO.



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WALL TYPES & DETAILS

DATE	4/26/19
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JOB NO. 18280

A4.1

SHEET NO.

DOOR AND FRAME SCHEDULE											
DOOR NO.	SIZE	DOOR			FRAME			FIRE LABEL	HARDWARE GROUP	HEAD/JAMB DETAIL	REMARKS
		TYPE	MAT'L	FINISH	TYPE	MAT'L	FINISH				
①A	12'-0" x 7'-8" HFT PACKAGED UNIT	A	GLASS/ALUM.	DARK BRONZE	PER MANF.	ALUM.	DARK BRONZE	-	SUPPLIED BY DORMA	789/A5.1	G.C. TO COORDINATE FINAL DOOR AND FRAME DIMENSIONS WITH DORMA. SEE VENDOR INFORMATION ON SHEET A0.0 FOR CONTACT INFORMATION. GLAZING TO BE IMPACT GLASS
①B	12'-0" x 7'-8" HFT PACKAGED UNIT	A	GLASS/ALUM.	DARK BRONZE	PER MANF.	ALUM.	DARK BRONZE	-	SUPPLIED BY DORMA	386/A5.1	G.C. TO COORDINATE FINAL DOOR AND FRAME DIMENSIONS WITH DORMA. SEE VENDOR INFORMATION ON SHEET A0.0 FOR CONTACT INFORMATION. GLAZING TO BE 1/4" TEMPERED
②	3'-0" x 7'-0" x 1 3/4"	B	S.C. WOOD	PAINTED	1	H.M.	PAINTED	-	1	A&B/A5.0	SEE DOOR SCHEDULE NOTES.
③	3'-0" x 7'-0" x 1 3/4"	B	S.C. WOOD	PAINTED	1	H.M.	PAINTED	-	2	A&B/A5.0	SEE DOOR SCHEDULE NOTES.
④	3'-0" x 7'-0" x 1 3/4"	B	S.C. WOOD	PAINTED	1	H.M.	PAINTED	-	2	A&B/A5.0	SEE DOOR SCHEDULE NOTES.
⑤	3'-0" x 7'-0" x 1 3/4"	B	S.C. WOOD	PAINTED	1	H.M.	PAINTED	-	4	A&B/A5.0	UNDERCUT DOOR TO PROVIDE 1" CLEARANCE. LATCH SET SHALL BE "PRIVACY" TYPE.
⑥	3'-0" x 7'-0" x 1 3/4"	B	S.C. WOOD	PAINTED	1	H.M.	PAINTED	-	4	A&B/A5.0	UNDERCUT DOOR TO PROVIDE 1" CLEARANCE. LATCH SET SHALL BE "PRIVACY" TYPE.
⑦	3'-0" x 7'-0" x 1 3/4"	B	S.C. WOOD	PAINTED	1	H.M.	PAINTED	-	3	A&B/A5.0	SEE DOOR SCHEDULE NOTES.
E08	10'-0" x 10'-0" x 1/2"	—	—	—	—	—	—	—	5 - SEE NOTE	—	EXISTING. G.C. TO PROTECT DURING CONSTRUCTION.
E09	3'-0" x 7'-0" x 1 3/4"	C	—	—	—	—	—	—	6 - SEE NOTE	—	EXISTING. G.C. TO PROTECT DURING CONSTRUCTION. INSTALL ADDRESS ON THIS DOOR. SEE DOOR TYPE 'C' FOR ADDITIONAL INFORMATION.
E10	3'-0" x 7'-0" x 1 3/4"	—	—	—	—	—	—	—	6A - SEE NOTE	—	EXISTING. G.C. TO PROTECT DURING CONSTRUCTION.
									EXISTING HARDWARE NOTE: CONTRACTOR TO VERIFY ALL EXISTING HARDWARE TO ENSURE HFT SPECIFIED HARDWARE HAS BEEN INSTALLED. CONTRACTOR SHALL REMOVE AND REPLACE ANY EXISTING HARDWARE THAT DOES NOT MEET HFT SPECIFICATIONS AS NOTED IN HARDWARE GROUPS.		

HARDWARE GROUP						
GROUP #1 (MANAGER UTILITY)	GROUP #2 (CASH ROOM DOORS)	GROUP #3 (BREAK ROOM)	GROUP #4 (RESTROOMS)	GROUP #5 (OVERHEAD DOORS)	GROUP #6 (SINGLE EXIT DOORS)	NOTE: (NO HARDWARE ON EXTERIOR SIDE, U.N.O.)
BUTTS: 1- 1/2 PAIR MCKINNEY MP 79, 4 1/2" x 4 1/2", 26D	BUTTS: 1- 1/2 PAIR MCKINNEY MP 79, 4 1/2" x 4 1/2", 26D.	BUTTS: 1- 1/2 PAIR MCKINNEY MP 79, 4 1/2" x 4 1/2", 26D.	BUTTS: 1- 1/2 PAIR HAGER C68T100, 4 1/2" x 4 1/2" x US32D.	DOOR PANELS: 2- 3/4" INSULATED STEEL INTERLOCKING FLAT SLAT CURTAIN W/ ENDLOCKS @ BOTH ENDS BY VENDOR SCHLAGE K541P1200	BUTTS: 1- 1/2 PAIR MCKINNEY MP 79, 4 1/2" x 4 1/2", 26D	
LATCH SET: FALCON ENTRANCE/ LEVER W511HD-D-231F-7 PIN-626	LATCH SET: FALCON STOREROOM/ LEVER W581HD-D-626	LATCH SET: FALCON PASSAGE/ LEVER W101S-D-626	LATCH SET: FALCON PASSAGE/ LEVER W101S-D-626 (MULTI-USE RESTROOMS)		EXIT DEVICE: VON DUPRIN GUARD-X 2670-US28	
LATCH GUARD: DON-JO ILP-212-SL	LATCH GUARD: DOOR #3- DON-JO ILP-212-SL DOOR #4- DON-JO OSLP-11L-SL	CLOSER: FALCON SC71 RW / PA-689 (MTD. ON INSIDE)	LATCH SET: FALCON PRIVACY/ LEVER K301S-D-626 (SINGLE-USE RESTROOMS)	CYLINDER CORE: FALCON C649 (IHK, IHK)-626 SCHLAGE 80-035-GRN 24 GA. MIN. GALVANIZED STEEL BY VENDOR HAND CHAIN BY VENDOR	CYLINDER CORE: FALCON C207-SC-C260	
CLOSER: FALCON SC71 RW / PA-689 (MTD. ON INSIDE)	DEAD BOLT: FALCON D241H-50-231F-7 PIN-626	KICKPLATE: ROCKWOOD K1050 - 10x34 US32D	CLOSER: FALCON SC71 RW / PA-689 (MTD. ON INSIDE)		HOUSING: FALCON C583 (CKWY 7-PIN) 626	
KICKPLATE: ROCKWOOD K1050 - 10x34 US32D	CYLINDER CORE: (2) FALCON C649 (CKWY-7 PIN)-626	SILENCER: (3) ROCKWOOD 608-26D	KICKPLATE: ROCKWOOD K1050 - 10x34 US32D	LOCKING: CHAIN KEEPER (BY VENDOR) WITH PADLOCK (SUPPLIED BY HFT GC.)	CLOSER: FALCON SC71 RW / PA-689 (MTD. INSIDE)	
SILENCER: (3) ROCKWOOD 608-26D	CLOSER: FALCON SC71 RW / PA-689 (MTD. ON INSIDE)	FLOOR STOP: ROCKWOOD 441-US26D DOME STOP	SILENCER: (3) ROCKWOOD 608-26D	BOTTOM BAR: EXTRUDED ALUM. BAR BY VENDOR	KICKPLATE: ROCKWOOD K1050 - 10x34 US32D	
FLOOR STOP: ROCKWOOD 441-US26D DOME STOP	KICKPLATE: ROCKWOOD K1050 - 10x34 US32D		FLOOR STOP: ROCKWOOD 441H-US26D DOME STOP		DOOR STOP: ROCKWOOD 472-26D STOP W/ KEEPER	
DOOR VIEWER: ROCKWOOD 622-26D (DOOR VIEWERS FOR MANAGER OFFICE SIDE OF DOORS ONLY - NO DOOR VIEWERS INSTALLED ON UTILITY DOORS)	SILENCER: (3) ROCKWOOD 608-26D			WEATHER SEALS: BY VENDOR	DOOR VIEWER: DEERSCOPE DS2000 AL S	
	FLOOR STOP: ROCKWOOD 441-US26D DOME STOP				DOOR BOTTOM: PEMKO 315-CN MILL 36"	
	DOOR VIEWER: ROCKWOOD 622-26D				GASKETING: PEMKO 303 AV (1) 36", (2) 84"	

1.	RATED DOORS SHALL BE A TIGHT-FITTING SMOKE AND DRAFT CONTROL ASSEMBLY.	LATCH GUARD: DON-JO NLP-110 (EXTERIOR)
2.	ALL EXISTING NEW DOORS AND HARDWARE SHALL COMPLY WITH CURRENT ADA REGULATIONS.	DRIP EDGE: PEMKO 346C RAIN DRIP 40" (EXTERIOR)
3.	ALL INTERIOR/EXTERIOR METAL DOORS SHALL BE 20 GA. MINIMUM.	GROUP #6A
4.	ALL DOOR HARDWARE SHALL BE LEVER TYPE OR PANIC HARDWARE.	NOTE: (NO HARDWARE ON EXTERIOR SIDE, U.N.O.)
5.	ALL DOOR HARDWARE SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT.	(SINGLE EXIT DOORS)
6.	OPENINGS SHALL BE A MINIMUM OF 32" WIDE WHEN DOOR IS AT RIGHT ANGLE TO CLOSED POSITION.	BUTTS: 1 - 1/2 PAIN MCKINNEY MP 79, 4 1/2" x 4 1/2", 26D.
7.	BOTTOM 10" OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE FOR OPENING BY WHEELCHAIR FOOT REST.	EXIT DEVICE: VON DUPRIN GUARD-X 2670-US28
8.	MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. FOR EXTERIOR DOORS, AND 3 LBS. FOR INTERIOR DOORS WITH A PUSH OR PULL EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOOR AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATIONS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS, WHEN FIRE DOORS ARE REQUIRED. THE MAXIMUM EFFORT TO OPERATE THE DOORWAY MAY BE INCREASED NOT TO EXCEED 14 LBS. W/ CLOSURE.	CYLINDER CORE: FALCON C207-SC-C26D
9.	SUBMIT HARDWARE CUT SHEETS FOR ANY ALTERNATES TO HFT REPRESENTATIVE PRIOR TO ORDERING HARDWARE FOR APPROVAL.	CONST. CORE: FALCON C607 CCA 7-PIN
10.	EXTERIOR ALL EXISTING HARDWARE, TO COMPLY WITH HARDWARE SCHEDULE.	HOUSING: FALCON C953 (CKWKY 7-PIN) 626
11.	PROVIDE A SIGN ABOVE ALL ENTRANCE DOOR STATING THAT "THIS DOOR IS TO REMAIN UNLOCKED DURING BUSINESS HOURS".	CLOSER: FALCON SC71 RW/P-A-689 (MTD. INSIDE)
12.	LETTERS SHALL BE AT LEAST 1" IN HEIGHT AND SHALL BE WHITE ON A CONTRASTING BACKGROUND.	KICKPLATE: ROCKWOOD K1050 - 10x34 US38D
13.	CONTRACTOR SHALL COORDINATE KEYING OF LOCKS WITH OWNER PRIOR TO INSTALLATION.	DOOR STOP: ROCKWOOD 472-26D STOP W/ KEYS
14.	ALL HARDWARE LISTED TO BE SUPPLIED BY LISTED MANUFACTURER OR EQUAL.	DOOR BOTTOM: PEMKO 315-CAN MILL 36"
15.	ALL DOOR HARDWARE TO BE BRUSHED CHROME FINISH.	GASKETING: PEMKO 303 AV (1) 36", (2) 84"
16.	EXTERIOR DOORS & FRAMES, EXCLUDING OVERHEAD DOOR, TO BE PAINTED TO MATCH THE ADJ. FINISH ON THE EXTERIOR AND PAINTED P-8 ON THE INTERIOR. SEE FINISH SCHEDULE ON SHEET A.1.	THRESHOLD: PEMKO 171-A MILL 36"
17.	INTERIOR DOORS AND FRAMES TO BE PAINTED P-8. SEE FINISH SCHEDULE ON SHEET A.1.	DOOR PULL: ROCKWOOD 131-26D (MTD. INSIDE)
18.	BI-PARTING DOOR THRESHOLDS TO BE PROVIDED AND INSTALLED BY DOOR VENDOR.	LATCH GUARD: DON-JO NLP-110 (EXTERIOR)
19.	PROVIDE 8" HIGH WHITE VINYL NUMBERS STATING STREET ADDRESS IN HELVETICA FONT STYLE ON TRANOM AT MAIN ENTRY DOOR.	DRIP EDGE: PEMKO 346C RAIN DRIP 40" (EXTERIOR)
20.	INTERIOR DOOR FRAMES SHALL BE MIN. 20GA. U.N.O. EXTERIOR DOOR FRAMES SHALL BE MIN. 16GA. WELDED FRAMES, U.N.O.	



DOOR TYPES

NOTE:

1. GENERAL CONTRACTOR TO COORDINATE WITH DORMA FOR FINAL DOOR OPENING SIZES. SEE A0.0 FOR CONTACT INFORMATION.
2. HOLLOW METAL DOOR AND WINDOW FRAMES TO BE PAINTED P-8. SEE FINISH SCHEDULE ON A1.3 FOR ADDITIONAL INFORMATION.
3. ALL GLASS TO BE TEMPERED
4. ALL WORK TO BE DONE BY HFT G.C. U.N.O.
5. ALL STOREFRONT AND VESTIBULE MULLIONS TO ALIGN WITH EXISTING STOREFRONT MULLIONS AS APPLICABLE.

SEE DOOR SCHEDULE

DORMA AUTOMATIC SLIDING DOOR:

FL NO. 21866-1;
IMPACT UNIT - LG. &
SM. MISSILE
O-SX-SX-O
AUTOMATIC
SLIDING DOOR AS
MANUFACTURED BY
DORMA
AUTOMATICS

SEE DOOR SCHEDULE

SEE DOOR SCHEDULE

DOOR VIEWER AS OCCURS.
INSTALL @ 5'-0" A.F.F.

KICK PLATE

SEE DOOR SCHEDULE

SEE DOOR SCHEDULE

PROVIDE 6" HIGH VINYL LETTERING
STATING 'HFT' AND STREET
ADDRESS IN HELVETICA FONT;
COLOR TO CONTRAST w/ DOOR.

HFT
3401

SEE DOOR SCHEDULE

5'-0" TO CENTER OF ADDRESS

A

 BI-PART PARTIAL BREAKOUT ALUM. ENTRY DOORS
(ESA200 SERIES BY DORMA)

B

 SOLID CORE WOOD DOOR

C

 EXTERIOR HOLLOW METAL DOOR

FRAME TYPES

NOTE:

1. HOLLOW METAL DOOR AND WINDOW FRAMES TO BE PAINTED P-8. SEE FINISH SCHEDULE ON A1.3 FOR ADDITIONAL INFORMATION.
2. ALL GLASS TO BE TEMPERED
3. ALL WORK TO BE DONE BY HFT G.C. U.N.O.
4. INTERIOR DOOR FRAMES SHALL BE 20 GA. MINIMUM.

2" TYP.

3'-0"

7'-0"

B
A5.0

A
A5.0

2" TYP.

3'-0"

4'-0"



C
A5.0

HFT G.C. TO FURNISH AND
INSTALL ALL WINDOW FRAMES

NOTE: G.C. TO ORDER ONE WAY GLASS LOCALLY AND FRAME FROM REQUIRED HFT DOOR VENDOR.

1 INTERIOR HOLLOW METAL DOOR FRAME

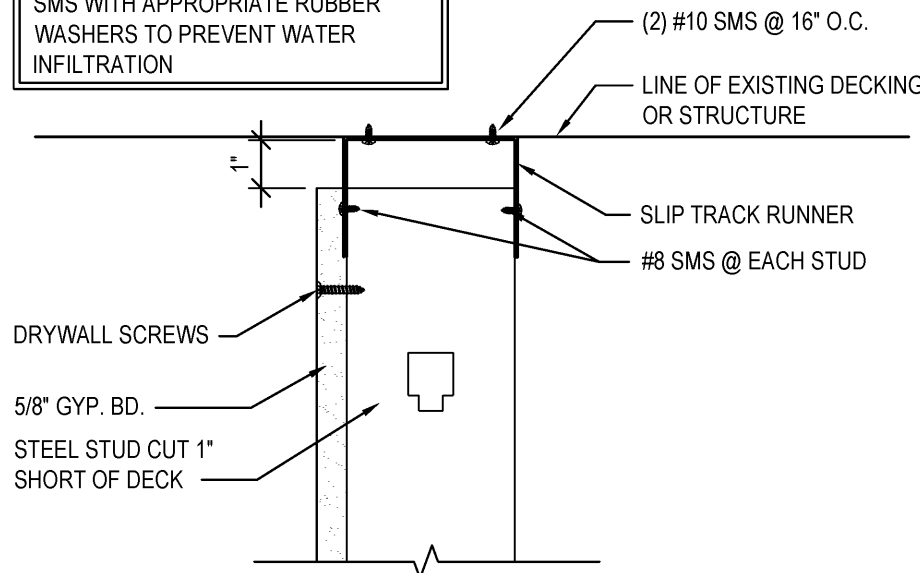
2 INTERIOR HOLLOW METAL WINDOW FRAME

<h1>HARBOR FREIGHT TOOLS</h1> <p>3401 PALMER HIGHWAY</p> <p>TEXAS CITY, TX 77690</p>	 <p>ARCHITECTS, INC.</p> <p>17710 Detroit Avenue Lakewood, Ohio 44107 Phone (216) 521-5134 Fax (216) 521-4824 www.adaarchitects.cc</p>		<p>4/29/19</p>
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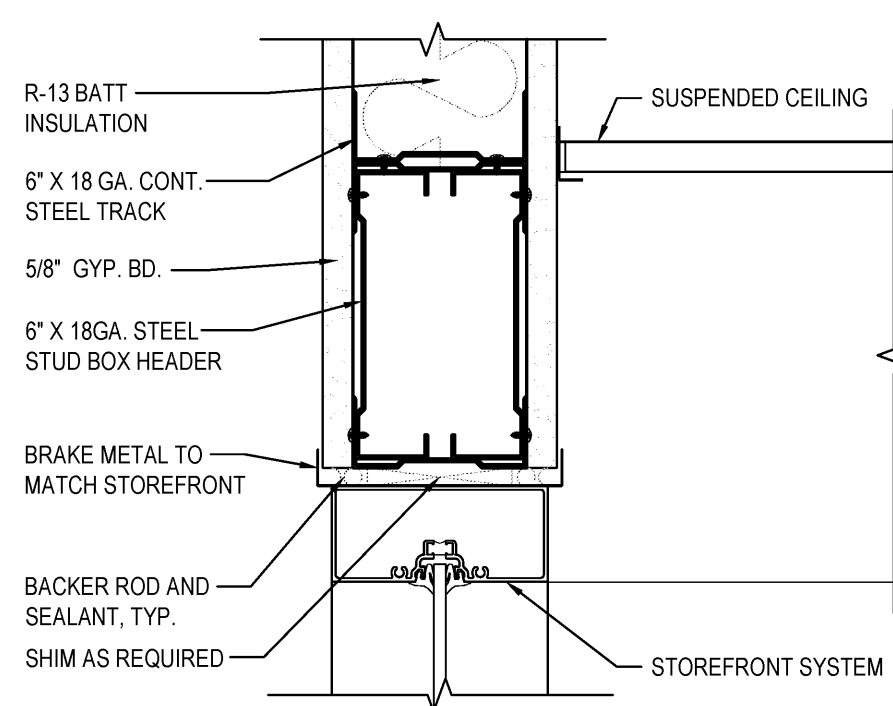
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DOOR SCHEDULE & DETAILS	
DATE	4/26/19
JOB NO.	18280
A5.0	
SHEET NO.	

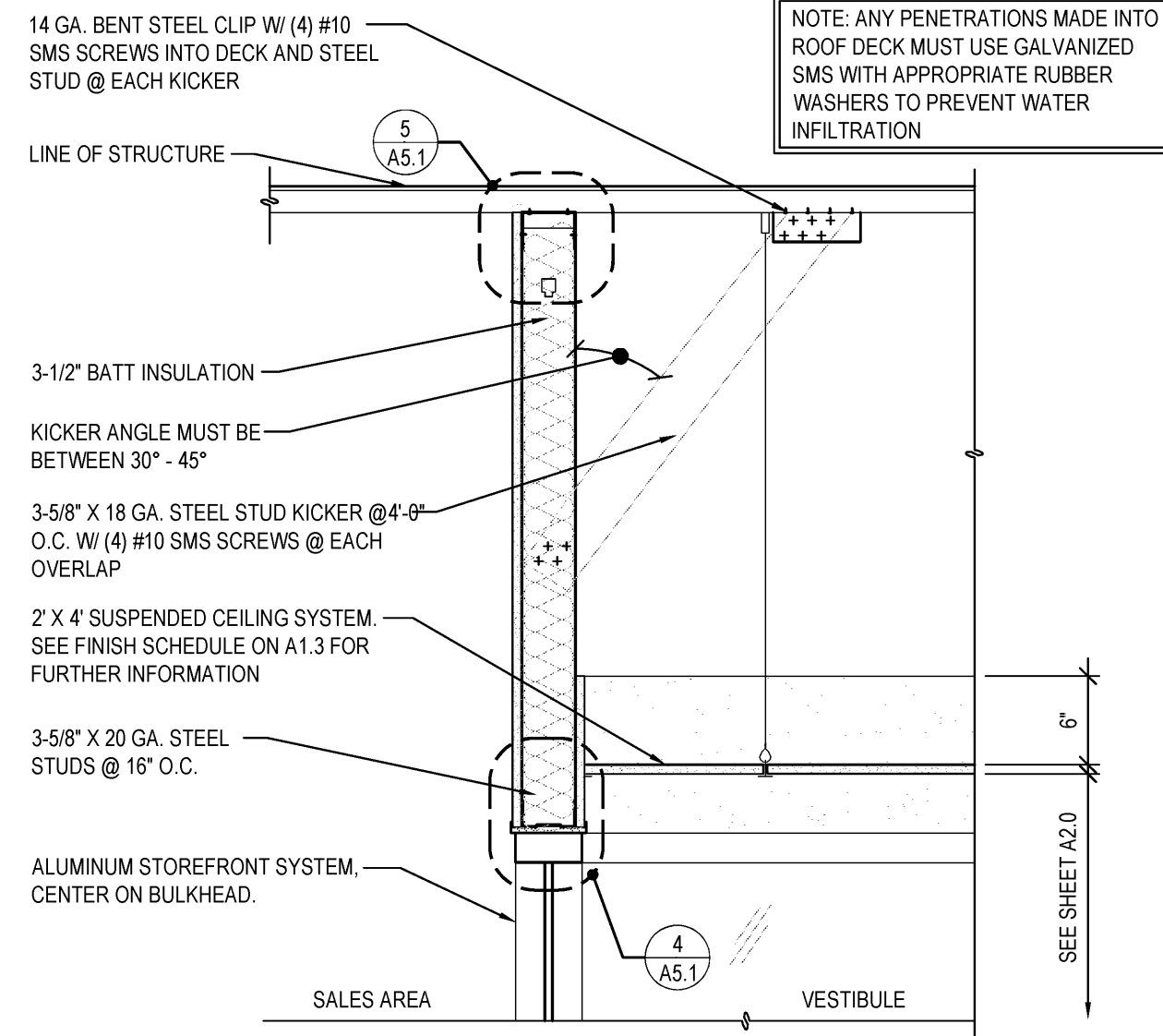
NOTE: ANY PENETRATIONS MADE INTO ROOF DECK MUST USE GALVANIZED SMS WITH APPROPRIATE RUBBER WASHERS TO PREVENT WATER INFILTRATION



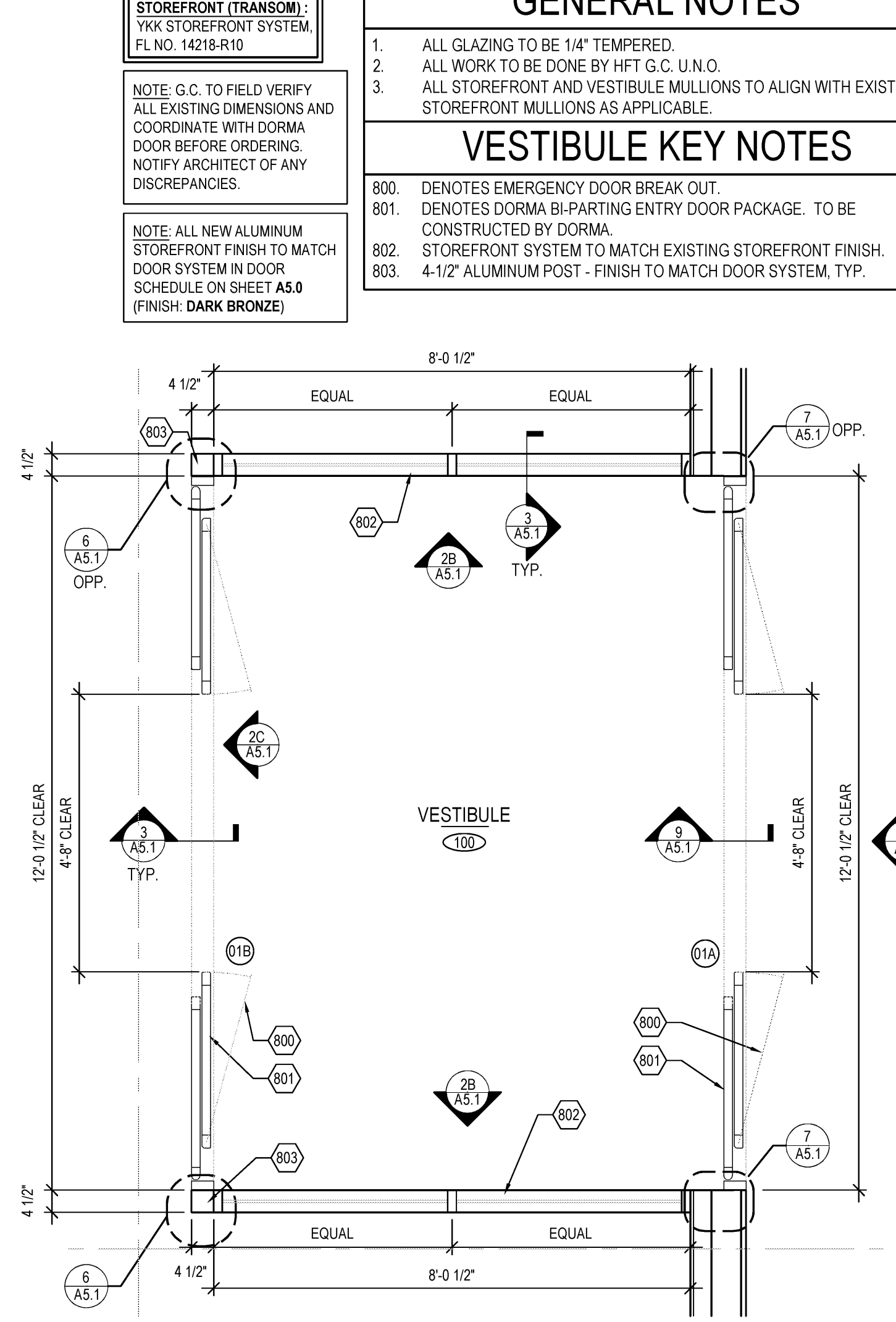
5 TYPICAL SLIP TRACK DETAIL
SCALE: 3" = 1'-0"



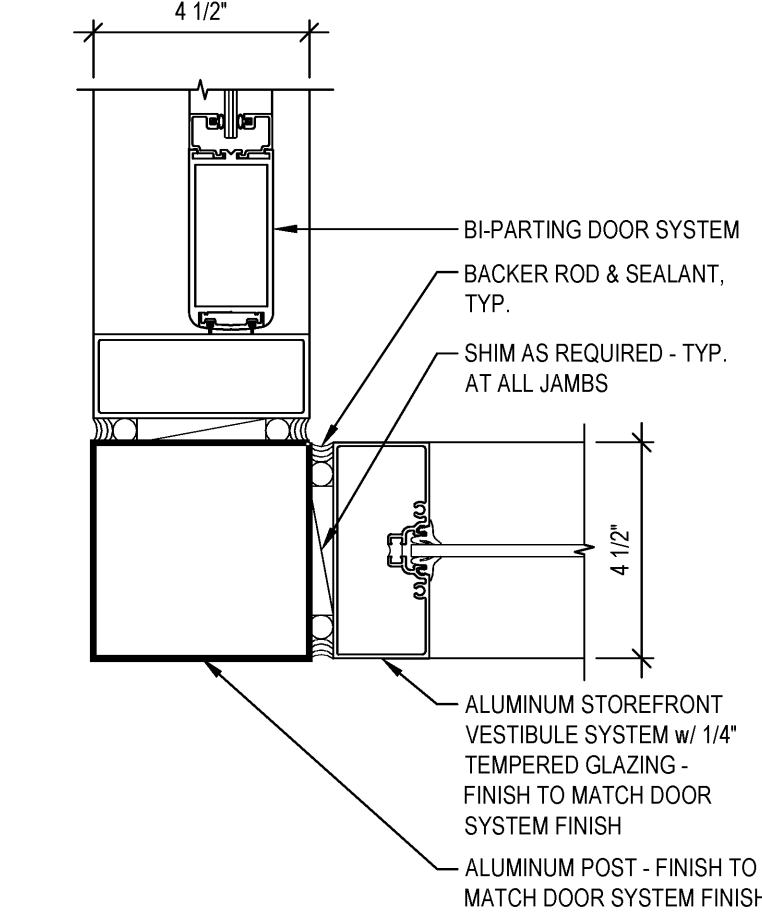
4 VESTIBULE HEAD DETAIL
SCALE: 3" = 1'-0"



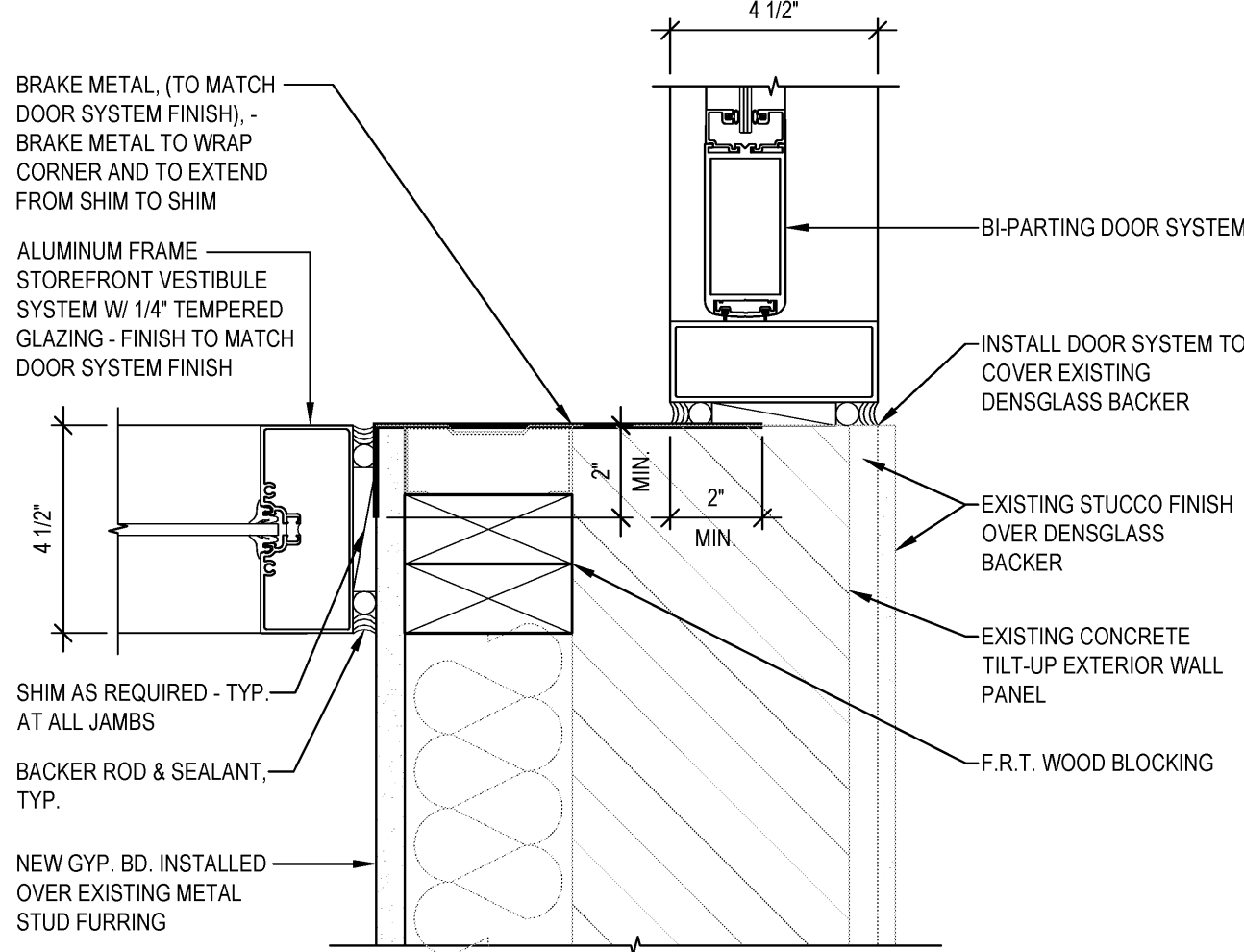
3 VESTIBULE BULKHEAD SECTION
SCALE: 1" = 1'-0"



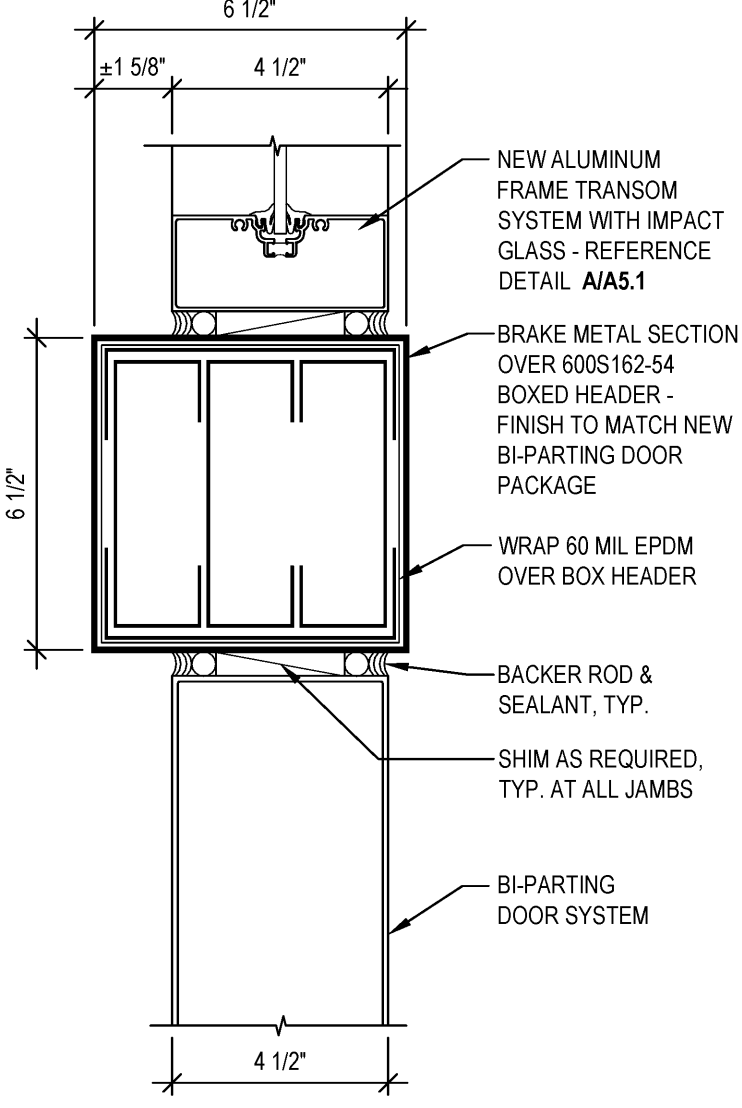
1 VESTIBULE PLAN DETAIL
SCALE: 1/2" = 1'-0"



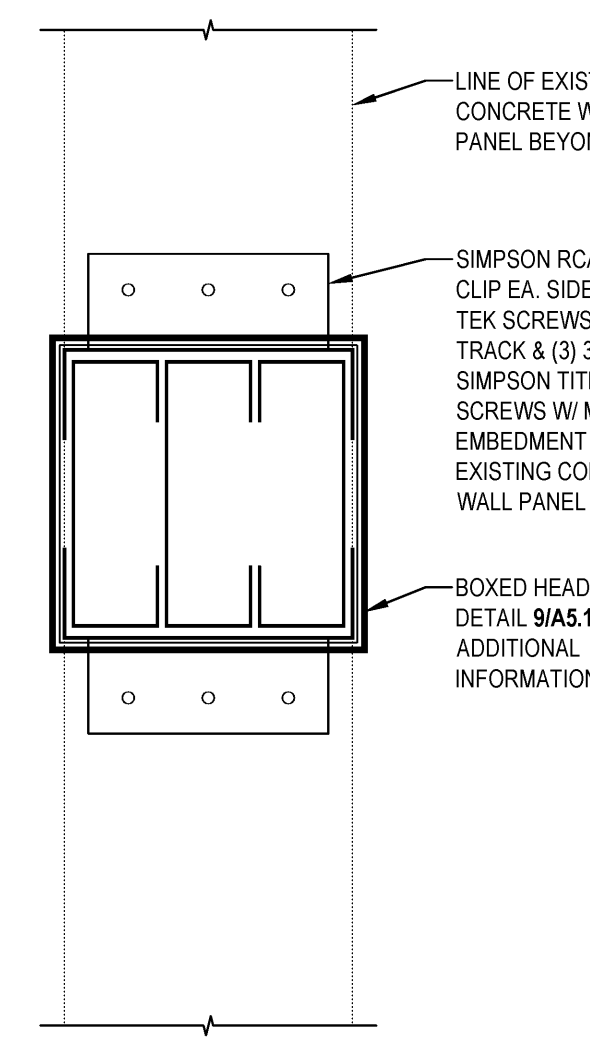
6 STOREFRONT JAMB DETAIL
SCALE: 3" = 1'-0"



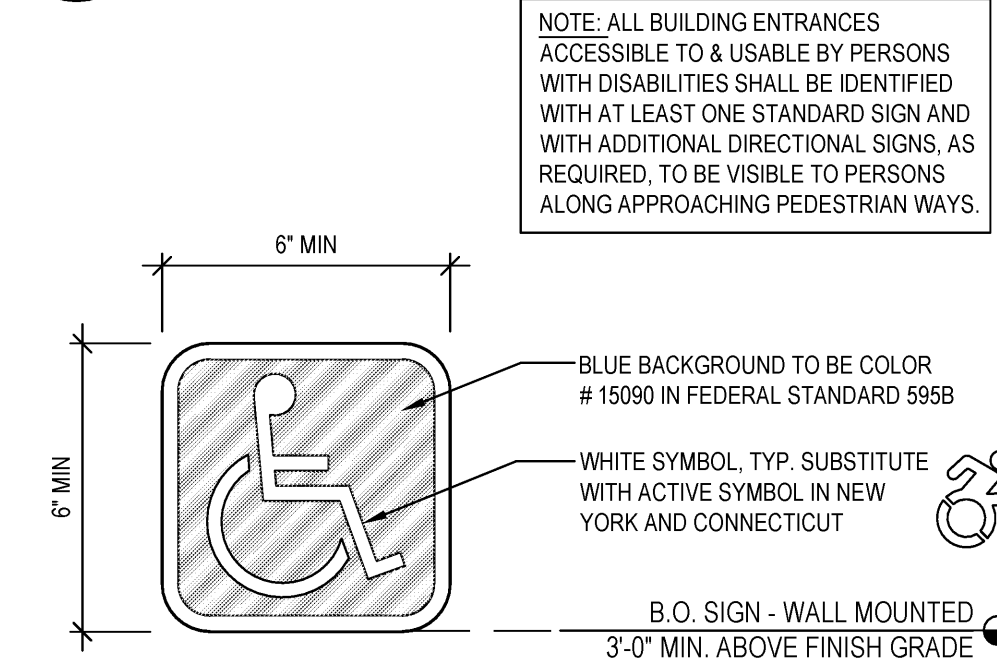
7 STOREFRONT JAMB DETAIL
SCALE: 3" = 1'-0"



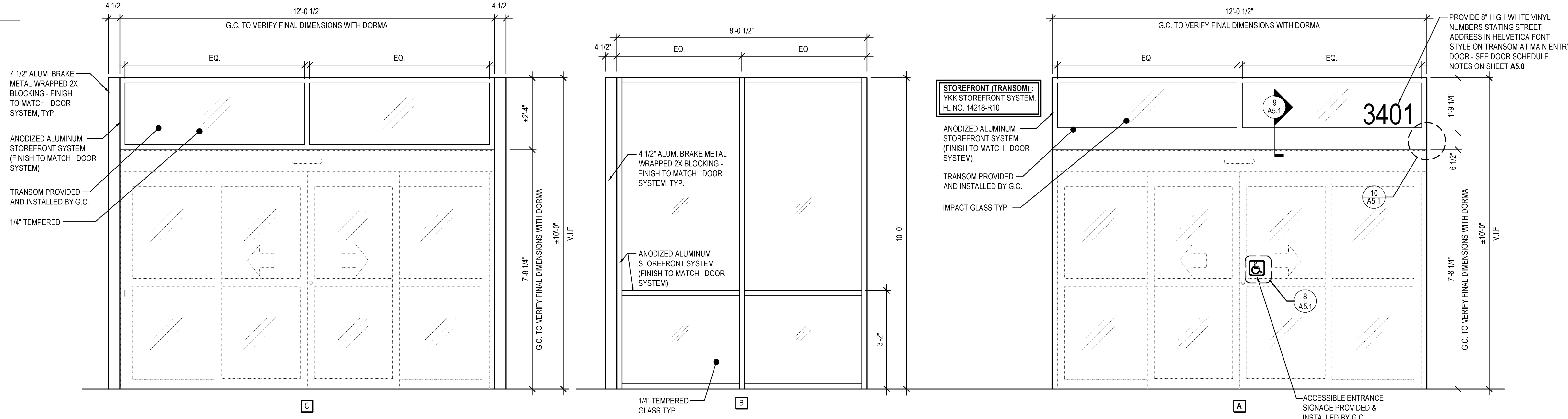
9 BOX HEADER DETAIL
SCALE: 3" = 1'-0"



10 BOX HEADER ATTACHMENT DETAIL
SCALE: 3" = 1'-0"



8 ACCESSIBLE ENTRANCE SIGNAGE
SCALE: 3" = 1'-0"



2 STOREFRONT ELEVATIONS
SCALE: 1/2" = 1'-0"

GENERAL NOTES

1. ALL GLAZING TO BE 1/4" TEMPERED.
2. ALL WORK TO BE DONE BY HFT G.C. U.N.O.
3. ALL STOREFRONT AND VESTIBULE MULLIONS TO ALIGN WITH EXISTING STOREFRONT MULLIONS AS APPLICABLE.

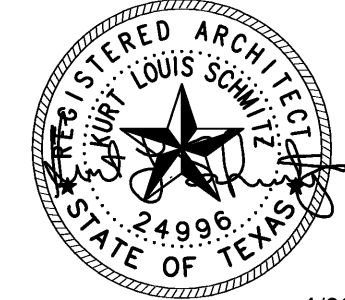
VESTIBULE KEY NOTES

800. DENOTES EMERGENCY DOOR BREAK OUT.
801. DENOTES DORMA BI-PARTING ENTRY DOOR PACKAGE. TO BE CONSTRUCTED BY DORMA.
802. STOREFRONT SYSTEM TO MATCH EXISTING STOREFRONT FINISH.
803. 4-1/2" ALUMINUM POST - FINISH TO MATCH DOOR SYSTEM, TYP.

STOREFRONT (TRANSOM):
YKK STOREFRONT SYSTEM,
FL NO. 14218-R10

NOTE: G.C. TO FIELD VERIFY ALL EXISTING DIMENSIONS AND COORDINATE WITH DORMA DOOR BEFORE ORDERING. NOTIFY ARCHITECT OF ANY DISCREPANCIES.

NOTE: ALL NEW ALUMINUM STOREFRONT FINISH TO MATCH DOOR SYSTEM IN DOOR SCHEDULE ON SHEET A5.0 (FINISH: DARK BRONZE)



4/29/19



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HARBOR FREIGHT TOOLS

TEXAS CITY, TX 77590

3401 PALMER HIGHWAY

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ENLARGED
VESTIBULE PLAN
& DETAILS

DATE 4/26/19

JOB NO. 18280

A5.1

SHEET NO.