

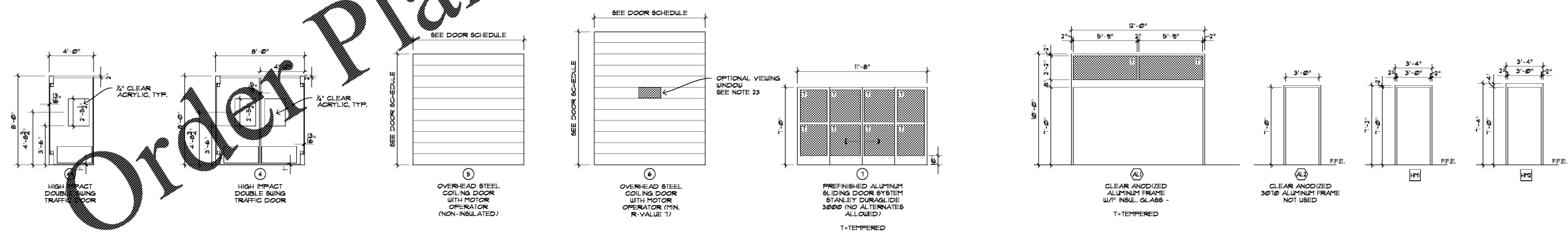
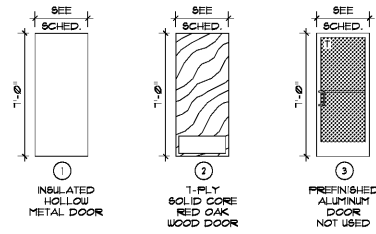
**DOOR, FRAME & HARDWARE NOTES**

- PROVIDE PANIC HARDWARE ON ALL EXTERIOR EXIT DOOR WHERE SCHEDULED (MUST BE ABLE TO BE OPENED FROM THE INSIDE WITHOUT KEY, SPECIAL KNOWLEDGE, OR EFFORT).
- CAULK CONTINUOUS AT INTERIOR & EXTERIOR PERIMETER OF FRAMES IN EXTERIOR WALLS.
- LEVEL HARDWARE SHOULD BE MOUNTED BETWEEN 36" AND 44" ABOVE FINISH FLOOR.
- MOUNT CLOSER ON PULL SIDE OF DOOR.
- MOUNT CLOSER ON PUSH SIDE OF DOOR.
- MAXIMUM DOOR OPENING EFFORTS: 8.5 LBS. AT EXTERIOR AND 5 LBS. AT INTERIOR.
- ALL THRESHOLDS TO BE ADA COMPLIANT.
- ALL DOORS SHALL BE EQUIPPED WITH SINGLE EFFORT, NON GRASP HARDWARE (I.E. LEVER).
- THE FINISHED FLOOR ELEVATION ON EITHER SIDE OF A DOOR SHALL NOT BE MORE THAN 3/8" LOWER THAN THE THRESHOLD OF THE DOORWAY.
- PROVIDE NON-REMOVABLE PINS AT ALL EXTERIOR DOORS.
- ALL YALE LEVER LOCK SETS AT INTERIOR METAL STUD WALLS ARE "LESS CYLINDER" - TENANT TO PROVIDE NON-INTERCHANGEABLE CORES.
- ALL EXIT DOORS ARE EQUIPPED WITH HARDWARE WHICH ALLOWS OPENING FROM THE INSIDE.
- ROLL-UP DOOR AT EXIT OPENING WILL HAVE MANUAL HAND LOCK RELEASE, SPECIFICALLY DOOR 102B.
- TEMPERED GLASS TO BE USED IN STOREFRONTS - SEE ALUMINUM STOREFRONT FRAME TYPES FOR LOCATIONS.
- CONTRACTOR TO PROVIDE TRAFFIC DOORS 101A (MODEL NUMBER CM1 / SR-3000 FX / BLACK) BETWEEN BATHS FLOOR SUPPLIED BY DESIGNATED VENDOR: STAR EQUIPMENT, CHARLOTTE ALIGER (763) 489-1221. NTE SPECIFIED / GENERAL CONTRACTOR SUPPLIED / NTE INSTALLED.
- NOT USED.
- ALL OVERHEAD AND COILING DOORS MUST BE MOTORIZED. THE VESTIBULE DOOR MUST HAVE KEYED CONTROLS THAT CAN RECEIVE A TENANT'S 6 PIN HEDCO CYLINDER CONTROLS MUST BE FLUSH MOUNTED ON GYM BD. WALLS.
- ALL WOOD DOORS MUST RECEIVE A D-1 CLEAR COAT SEAL ON ALL SIX SIDES (SEE ROOM FINISH LEGEND ON A-401).
- ALL OVERHEAD AND COILING DOORS MUST HAVE UL325-2010 COMPLIANT MOTOR OPERATORS AND MUST UTILIZE A PNEUMATIC AUTO-REVERSING EDGE AS THE PRIMARY MONITORABLE DEVICE. (PHOTOBEAMS NOT ALLOWED) / CONTROLS SHALL BE MOMENTARY OPERATION.
- SCRAPE, PRIME AND PAINT EXISTING HOLLOW METAL DOOR & FRAME. REMOVE ANY EXISTING SURFACE RUST, NOTIFY NTE CONSTRUCTION MANAGER OF ANY UNFORESEEN CONDITIONS WHICH WOULD REQUIRE AN ALTERNATE RESOLUTION.
- ALL DETEX VADKEE PUSH BARS ARE TO BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURERS INSTRUCTIONS, INCLUSIVE OF ALL WIRING REQUIREMENTS AND FIRE ALARM RELAY WIRING. ELECTRICAL CONTRACTOR TO PROVIDE POWER PER MANUFACTURERS REQUIREMENTS.
- PROVIDE DOUBLE KEYED CYLINDER IN ADDITION TO PROVIDING SIGNAGE THAT READS "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON CONTRACTING BACKGROUND.
- VIEWING WINDOW REQUIRED IN OH DOOR 101C AND 102B IF ADJACENT EXTERIOR MAN DOOR IS NOT INSTALLED AT REAR OF BUILDING.

**HARDWARE INSTALLATION NOTES**

- MOUNT HARDWARE UNITS AT HEIGHTS INDICATED IN RECOMMENDED LOCATIONS FOR BUILDERS HARDWARE FOR STANDARD STEEL DOORS AND FRAMES BY THE DOOR AND HARDWARE INSTITUTE. EXCEPT AS SPECIFICALLY INDICATED OR REQUIRED TO COMPLY WITH GOVERNING REGULATIONS, AND EXCEPT AS MAY BE OTHERWISE DIRECTED BY ARCHITECT.
- INSTALL EACH HARDWARE ITEM IN COMPLIANCE WITH THE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS. WHEREVER CUTTING AND DRILLING IS REQUIRED TO INSTALL HARDWARE ON TO OR INTO SURFACES WHICH ARE LATER TO BE PAINTED OR FINISHED IN ANOTHER WAY, COORDINATE REMOVAL, STORAGE AND REINSTALLATION OR APPLICATION OF SURFACE PROTECTIONS WITH FINISHING WORK. DO NOT INSTALL SURFACE MOUNTED ITEMS UNTIL FINISHES HAVE BEEN COMPLETED ON THE SUBSTRATE.
- SET UNITS LEVEL, PLUMB AND TRUE TO LINE AND LOCATION. ADJUST AND REINFORCE THE ATTACHMENT SUBSTRATE AS NECESSARY FOR PROPER INSTALLATION AND OPERATION.
- DRILL AND COUNTERSINK UNITS WHICH ARE NOT FACTORY PREPARED FOR ANCHORAGE OF FASTENERS. SPACE FASTENERS 1" FROM EDGES AND ACCORDANCE WITH INDUSTRY STANDARDS.
- INSTALLATION OF THE DETEX VADKEE PUSH BAR WILL BE A COMPLETE INSTALLATION FULLY OBTAINABLE PER MANUFACTURERS INSTRUCTIONS. NOTE: READ MANUFACTURERS INSTALLATION INSTRUCTIONS. 120V POWER AND FINAL WIRING CONNECTIONS TO BE SUPPLIED BY ELECTRICAL CONTRACTOR AND TIED IN TO FA PANEL BY FA CONTRACTOR.

- ADJUST AND CLEAN.
- ADJUST AND CLEAN EACH OPERATING ITEM OF HARDWARE AND EACH DOOR TO ENSURE PROPER OPERATION OR FUNCTION OF EVERY UNIT. REPLACE UNITS WHICH CANNOT BE ADJUSTED TO OPERATE FREELY AND SMOOTHLY AS INTENDED OR AS APPLICATION MADE.
  - FINAL ADJUSTMENT: WHEREVER HARDWARE INSTALLATION IS MADE MONTHS PRIOR TO ACCEPTANCE OR OCCUPANCY OF A SPACE OR AREA, RETURN TO THE WORK DURING REGULAR WORK PRIOR TO ACCEPTANCE AND MAKE FINAL CHECK AND ADJUSTMENT OF ALL HARDWARE ITEMS IN SUCH SPACE OR AREA. CLEAN OPERATING ITEMS AS NECESSARY TO RESTORE PROPER FUNCTION AND FINISH OF HARDWARE AND DOORS. ADJUST DOOR CONTROL DEVICES TO COMPENSATE FOR FINAL OPERATING TEMPERATURES, HEATING AND VENTILATION EQUIPMENT.
  - INSTRUCT TENANT'S PERSONNEL IN PROPER ADJUSTMENT AND MAINTENANCE OF HARDWARE AND HARDWARE FINISHES, DURING THE FINAL ADJUSTMENT OF HARDWARE.
  - CONTINUED MAINTENANCE SERVICE: APPROXIMATELY 6 MONTHS AFTER THE ACCEPTANCE OF HARDWARE IN EACH AREA, THE INSTALLER, ACCOMPANIED BY THE REPRESENTATIVE OF THE LATCH AND LOCK MANUFACTURER SHALL RETURN TO THE PROJECT AND RE-ADJUST EVERY ITEM OF HARDWARE TO RESTORE PROPER FUNCTION OF DOORS AND HARDWARE. CONSULT WITH AND INSTRUCT OWNER'S PERSONNEL IN RECOMMENDED ADDITIONS TO THE MAINTENANCE PROCEDURES FOR EACH HARDWARE ITEM WHICH HAVE DETERIORATED OR FAILED DUE TO FAULTY DESIGN, MATERIALS OR INSTALLATION OF HARDWARE UNITS. PREPARE A WRITTEN REPORT OF CURRENT AND PREDICTABLE PROBLEMS (OF SUBSTANTIAL NATURE) IN THE PERFORMANCE OF THE HARDWARE.



**DOOR SCHEDULE**

DOOR MARKER	DOOR SIZE	DOOR		FRAME		HDWE RATING	REMARKS
		TYPE	FIN.	TYPE	FIN.		
EX							EXISTING DOORS TO REMAIN
100A	12'-0" X 10'-0"	1		ALI			VJF R.G. PRIOR TO FABRICATION. MIN U-VALUE: U30
100B	12'-0" X 10'-0"	5	PREFN				MOTOR OPERATOR, LEATHER SEAL, AUTO REVERSE, NON-INSULATED, NOTES 13, 11, 4 1B.
101A	12'-0" X 10'-0"	4	PREFN				CONTRACTOR PROVIDED, OWNER TO MOUNT TO STEEL SHELVING 818181, NOTE 5
102A	3'-0" X 7'-0" X 3/4"	2	CLR FN	HFI	P-2	C	NOTE 4, 6, 8, 11, 4 1B
102B	3'-0" X 7'-0"	6	PREFN				MOTOR OPERATOR, LEATHER SEAL, AUTO REVERSE, INSULATED, MIN U VALUE: U13, NOTES 11, 1B, 4 23
102C	4'-0" X 8'-0" X 3/4"	4A	PREFN				1/2" GL FRAME, SINGLE SWING DOOR, GC TO COORDINATE WITH NT, FINISH & INSTALL, FROM STAR EQUIPMENT
102D	3'-0" X 7'-0" X 3/4"	1	P-2	HQ	P-2	A	INSTALL VIEWPORT # 60" AFF, NOTES 1, 2, 9, 1, 5, 10, 2, 4 2L FURNISH & INSTALL DETEX 60" KEYED FINGER PULL AT EXTERIOR SIDE
103	3'-0" X 7'-0" X 3/4"	2	CLR FN	HFI	P-2	C	NOTE 4, 6, 8, 11, 4 1B

**HARDWARE GROUPS**

- A. (EXTERIOR SINGLE, EXIT DEVICE, LEVER, EXIT, BLACK) EXTERIOR EXIT DOOR - NOT USED
- B. (EXTERIOR SINGLE, HEAVY DUTY LOCKSET, NON-LABEL) OFFICE - NOT USED
- C. (INTERIOR SINGLE, HEAVY DUTY LOCKSET, NON-LABEL) PRODUCT PREP
- D. (INTERIOR SINGLE, HEAVY DUTY LATCHSET, NON-LABEL) BREAK ROOM, WAREHOUSE - NOT USED
- E. (INTERIOR SINGLE, TOILET, NON-LABEL) RESTROOMS - NOT USED
- F. (EXTERIOR SINGLE, ANODIZED ALUM/GLASS DOOR) EXTERIOR EXIT DOOR - NOT USED
- DOOR HARDWARE TO BE A PUSH-PULL WITH AN INTERIOR DEADLOCK SUPPLIED BY DOOR MANUFACTURER.
- HARDWARE GROUP NOTES:  
 THE MANUFACTURERS LISTED ABOVE SHALL BE USED WHEN CONSTRUCTING THE HARDWARE GROUPS (NO SUBSTITUTES). THE SUPPLIED GROUPINGS ARE AN EXAMPLE ONLY. HARDWARE SUPPLIER TO NOTIFY ARCHITECT / OWNER IF CHANGES OR ADDITIONAL SETS ARE REQUIRED.
- ALL LOCKSETS / LATCHSETS ARE TO BE YALE "AUGUSTA" LINE, DULL CHROME FINISH.
  - ALL ACCESSORY HARDWARE TO BE DULL CHROME U3200 OR U3320 FINISH UNLESS NOTED OTHERWISE.
  - FALCON SC60A SERIES TO BE CONSIDERED EQUAL BY OWNER TO NORTON 1600BC CLOSER.

Order Plans @

NORTHERN TOOL + EQUIPMENT

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