CARD READER NOTES

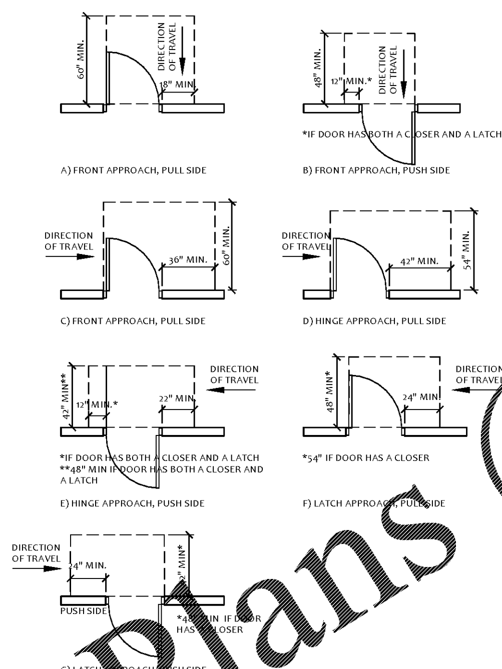
1. SEE ELECTRICAL DWGS FOR ALL CARD READER LOCATIONS. DENOTED BY "CR".
2. ALL DOORS & ASSOCIATED HARDWARE TO COMPLY WITH SECTION 1010.1.9.8 OF THE 2018 NC STATE BUILDING CODE (ACCESS-CONTROLLED EGRESS DOORS).
3. 1010.1.9.8 SENSOR RELEASE OF ELECTRICALLY LOCKED EGRESS DOORS.
   - 3.1. THE ELECTRIC LOCKS ON SENSOR RELEASED DOORS LOCATED IN A MEANS OF EGRESS IN BUILDINGS WITH AN OCCUPANCY IN GROUP A, B, E, I-1, I-2, I-4, M, R-1 AND R-2 AND ENTRANCE DOORS TO TENANT SPACES IN OCCUPANCIES IN GROUP A, B, E, I-1, I-2, I-4, M, R-1 AND R-2 ARE PERMITTED WHERE INSTALLED AND OPERATED IN ACCORDANCE WITH ALL OF THE FOLLOWING CRITERIA:
   - 3.2. THE SENSOR SHALL BE INSTALLED ON THE EGRESS SIDE, ARRANGED TO DETECT AN OCCUPANT APPROACHING THE DOORS. THE DOOR SHALL BE ARRANGED TO UNLOCK BY A SIGNAL FROM OR LOSS OF POWER TO THE SENSOR.
   - 3.3. LOSS OF POWER TO THE LOCK OR LOCKING SYSTEM SHALL AUTOMATICALLY UNLOCK THE DOORS.
   - 3.4. THE DOOR SHALL BE ARRANGED TO UNLOCK FROM A MANUAL UNLOCKING DEVICE LOCATED 40 INCHES TO 48 INCHES VERTICALLY ABOVE THE FLOOR AND WITHIN 5 FEET OF THE SECURED DOORS. READY ACCESS SHALL BE PROVIDED TO THE MANUAL UNLOCKING DEVICE AND THE DEVICE SHALL BE CLEARLY IDENTIFIED BY A SIGN THAT READS "PUSH TO EXIT." WHEN OPERATED, THE MANUAL UNLOCKING DEVICE SHALL RESULT IN DIRECT INTERRUPTION OF POWER TO THE LOCK - INDEPENDENT OF THE OTHER ELECTRONICS- AND THE DOOR SHALL REMAIN UNLOCKED FOR NOT LESS THAN 30 SECONDS.
   - 3.5. ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, WHERE PROVIDED, SHALL AUTOMATICALLY UNLOCK THE DOORS, AND THE DOOR SHALL REMAIN UNLOCKED UNTIL THE FIRE ALARM SYSTEM HAS BEEN RESET.
   - 3.6. ACTIVATION OF THE BUILDING AUTOMATIC SPRINKLER SYSTEM OR FIRE DETECTION SYSTEM, WHERE PROVIDED, SHALL AUTOMATICALLY UNLOCKED THE DOORS. THE DOORS SHALL REMAIN UNLOCKED UNTIL THE FIRE ALARM SYSTEM HAS BEEN RESET.
   - 3.7. THE DOOR LOCKING SYSTEM UNITS SHALL BE LISTED IN ACCORDNACE WITH UL 294.
4. NEW CARD READER LOCATIONS AT EXISTING DOUBLE AND SINGLE ENTRY DOORS TO HAVE ELECTRIFIED HARDWARE FOR FREE EGRESS.

DOOR AND WINDOW NOTES

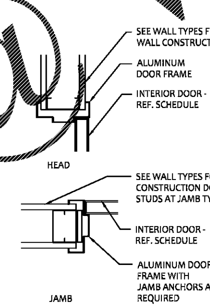
1. ALL NEW DOORS ARE TO BE SIZED PER SCHEDULE; SOLID DOORS TO BE SOLID CORE WOOD, S[illegible]TED.
   - 1.1. BR+A DOORS TO BE PAINTED TO MATCH THE WALL IN WHICH THEY ARE LOCATED ON.
   - 1.2. EXISTING SOLID WOOD CORRIDOR DOORS & FRAMES ARE TO BE PAINTED TO M[illegible] WALL THEY ARE ON ON THE TENANT SIDE ONLY.
2. FOR RATED DOORS SEE SCHEDULE.
3. IF USED, ALL HOLLOW METAL FRAMES TO BE WELDED.
4. UP TO 8'-0" DOORS TO HAVE 4 HINGES AND SILENCERS. OTHER HARDWARE AS SPECIFIED IN NOTE 20.
5. STANDARD DOOR INSTALLATION SHALL PROVIDE AN OFFSET OF [illegible] HINGE JAMB TO ADJACENT INTERIOR CORNER OF WALL U.N.O.
6. GC TO PROVIDE COORDINATION AND TESTING OF KEYING FOR LOCKSETS INCLUDING HIERARCHY OF SECURITY AND CONFORMANCE WITH OWNERS REQUIREMENTS.
7. DOORS SHALL BE UNDERCUT A MAX. OF 1/2" FROM FINISHED FLOOR IF REQUIRED AND SHALL PROVIDE NO OBSTRUCTION FOR INTENDED DOOR SWING.
8. EXISTING EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR ASSISTANCE.
9. DOOR SUPPLIER IS RESPONSIBLE FOR HANDING OF ALL DOORS.
10. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF [illegible] DEGREES WILL BE 5 SECONDS MIN.
11. THE REQUIRED FOR[illegible] PUSHING OPEN O[illegible] OPEN DOORS OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: INTERIOR HINGED DOOR: 5.0 LB (22.2 N) MAXIMUM; EXTERIOR HINGED DOOR: 7.5 LB (22.2 N) MAXIMUM.
12. THE BOTTOM 1[illegible] INCHES OF ALL NEW DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
13. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN THE PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.
14. HAND-ACTIVATED DOOR OPENING HARDWARE TO BE 38" ABOVE THE FLOOR TO THE CENTERLINE OF THE DEVICE.
15. ACCESSIBLE PATH OF TRAVEL SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN [illegible]" IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. WHEN INSTALLED, EXIT DOORS SHALL BE CAPABLE OF OPENING SO THAT THE CLEAR WIDTH OF THE EXIT IS NOT LESS THAN 32" EXCEPT PER ANSI A117.1-2003 SECTION 404.2.2 EXCEPTION 2.
16. MINIMUM MANEUVERING CLEARANCES @ DOORS SHALL BE PER LOCAL AND STATE ACCESSIBILITY REQUIREMENTS. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL & CLEAR.
17. THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.
18. DOORS SHALL NOT PROJECT MORE THAN 7" INTO THE REQUIRED EXIT WIDTH WHEN FULLY OPENED OR MORE THAN ONE HALF INTO THE REQUIRED WIDTH WHEN IN ANY POSITION.
19. ALL DOOR HANDLES AND HARDWARE TO MEET NC ACCESSIBILITY CODES AND REQUIREMENTS.
20. BR+A DOOR HARDWARE TO BE:
   - 20.1. LEVER SET TO BE: SCHLAGE COMMERCIAL HARDWARE M51 WITH SEPARATE OPERATING DEAD BOLT LOCK; HARDWARE FINISH TO BE 625 / US26
   - 20.2. GLASS DOORS TO HAVE CR LAURENCE 48 LPPS BOTH SIDES OF DOOR; HARDWARE FINISH TO BE 625 / US26
   - 20.3. LCN CONCEALED CLOSERS
   - 20.4. CABINET PULLS - LIBERTY HARDWARE, SQUARE BAR PULL WITH 3 3/4" CENTERS IN FLAT BLACK, PRODUCT #P37280C-FB-CP
21. SEE CS.1 FOR ABBREVIATIONS. 'E' INDICATES EXISTING DOOR AND/OR SIDELIGHT.
22. TEMPERED GLAZING AT DOORS AND WINDOWS IN COMPLIANCE WITH 2018 NCBC SECTION 2406.4.

DOOR SCHEDULE

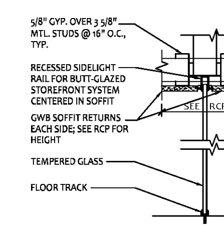
NO.	SIZE	DOOR				FRAMES			HARDWARE														NOTES:
		ELEV	MAT.	LABEL	FINISH	MAT.	LABEL	FINISH	CARD READER; SEE NOTES THIS SHEET	LOCK SET	PASSAGE SET	PRIVACY SET	LEVER	PUSH BUTTON RELEASE	PULL/PULL	CONCEALED CLOSER	WALL STOP	FLOOR STOP	HINGE STOP	HOLD OPEN	LOUVER	KICKPLATE ON PUSH SIDE OF DOOR	
[illegible]	3'-0" x 7'-10" x 1 3/4"	C	GLS	-	GLS	NONE	-	NONE							*	*			*				~~CONF ROOMS AND PHONE RM~~
2	3'-0" x 7'-10" x 1 3/4"	B	WD	-	PNT	ALUM	-	NONE		*			*										STORAGE/SERVER CLOSET; UNDERCUT DOOR ½"
3	3'-0" x 7'-10" x 1 3/4"	A	WD	-	PNT	ALUM	-	NONE				*	*							1			WELLNESS



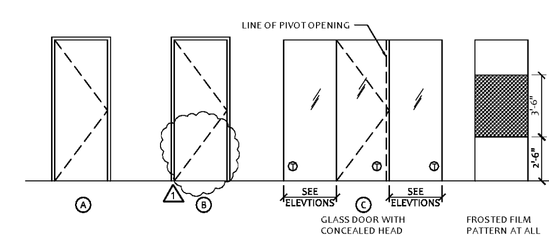
5 TYPICAL DOOR ANSI CLEARANCES
SCALE: 1/4"=1'-0"



4 TYPICAL HEAD & JAMB DETAILS
SCALE: 1 1/2"=1'-0"



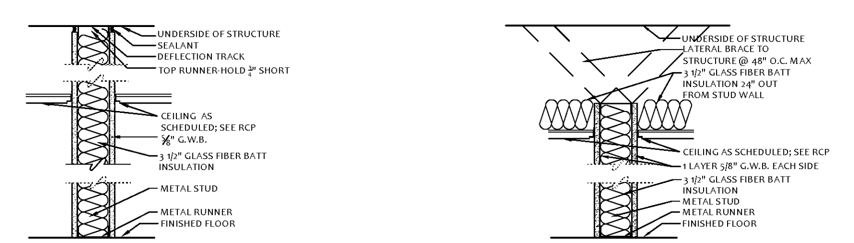
3 HEAD SECTION @ GLASS SIDELIGHT
SCALE: 1 1/2"=1'-0"



2 DOOR AND WINDOW ELEVATIONS
SCALE: 1/4"=1'-0"

WALL TYPE NOTES

1. PROVIDE SLOTTED EXPANSION ANCHORS/CLIPS AT TOP PLATE WHERE PARTITION IS SECURED TO BOTTOM CHORD OF ROOF TRUSSES
2. WALLS DENOTED "E" ARE EXISTING TO REMAIN.
3. ALL NEW METAL STUDS ARE 20 GA. MINIMUM UNLESS NOTED OTHERWISE.
5. # WALL TAG SYMBOL. SEE 1/A1.01 FOR LOCATIONS ON PLAN.
6. GC SHALL PROVIDE GWB FINISH IN COMPLIANCE WITH GYPSUM ASSOCIATION GA214-96. GYPSUM WALL FINISH TO BE LEVEL FOUR EXCEPT BREAK 308 WITH IDEA PAINT AND INFORMAL CONF 307, WHICH IS A LEVEL 5 FINISH. SEE ALSO ELEVATIONS FOR EXACT LOCATIONS
7. ALL GLASS LABELED 'T' TO BE ½" TEMPERED.



(1) 3-5/8" 20 GA. METAL STUDS @ 16" O.C. TO DECK W/ 5/8" GWB ON BOTH SIDES; PROVIDE 3 ½" GLASS FIBER SOUND BATT INSULATION WITHIN WALL CAVITY

(1A) 3-5/8" 20 GA. METAL STUDS @ 16" O.C. TO DECK W/ 5/8" GWB ON ONE SIDE; PROVIDE 3 ½" GLASS FIBER SOUND BATT INSULATION WITHIN WALL CAVITY

M.R.G.W.B. AT ALL WET LOCATIONS

(2) 3-5/8" 20 GA. METAL STUDS @ 16" O.C. W/ 5/8" GWB ON BOTH SIDES TO 6" ABOVE SCHEDULED CEILING; PROVIDE 3 ½" GLASS FIBER BATT INSULATION WITHIN WALL CAVITY

(2A) 3-5/8" 20 GA. METAL STUDS @ 16" O.C. W/ 5/8" GWB ON ONE SIDE TO 6" ABOVE SCHEDULED CEILING; PROVIDE 3 ½" GLASS FIBER BATT INSULATION WITHIN WALL CAVITY

M.R.G.W.B. AT ALL WET LOCATIONS

1 WALL TYPES
SCALE: 1 1/2"=1'-0"

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WALL TYPES;
DOOR SCHEDULE &
NOTES

A1.02

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