

## **GLASS SPEC**

- 1. GLASS TYPE: CLEAR INSULATING 1" DOUBLE GLAZED UNITS WITH SUNGATE 100 LOW E COATING.
- 2. MANUFACTURE: GUARDIAN INDUSTRIES OR EQUAL.
- PROVIDE ALL REQUIRED GLAZING MATERIALS AND SEALANTS AND ACCESSORIES FOR INSTALLATION WITHIN AN EXISTING ALUMINUM FRAME SYSTEM.
- MODIFY EXISTING ALUMINUM FRAME SYSTEM AS REQUIRED TO ACCEPT NEW GLASS.
- FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.

## **REINFORCED MASONRY**

1. ALL MASONRY SHALL CONFORM TO ACI 530. "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES".

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- 2. ALL LOAD BEARING CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRESS f'm GREATER THAN OR EQUAL TO 2000 PSI BY THE PRISM STRENGTH TEST METHOD.
- GROUT FOR VERTICALLY REINFORCED MASONRY WALLS AND BOND BEAMS SHALL CONSIST OF I PART PORTLAND CEMENT: 2-1/2 FINE AGGREGATE: 2 PARTS PEA GRAVEL AND f'c=3000 PSI @ 28 DAYS PER ASTM C476. GROUT SLUMP SHALL BE 9" TO 10".
- ALL MASONRY WALLS HORIZONTAL JOINTS SHALL HAVE HORIZONTAL REINFORCING CONSISTING OF GALVANIZED STANDARD WEIGHT 9 GA, "DUR-O-WALL" OR EQUAL. JOINT REINFORCING SHALL BE PLACED EVERY SECOND COURSE.
- 5. ALL MASONRY WALLS HORIZONTAL JOINTS SHALL HAVE HORIZONTAL REINFORCING CONSISTING OF GALVANIZED STANDARD WEIGHT 9 GA. "DUR-O-WALL" OR EQUAL. JOINT REINFORCING SHALL BE PLACED EVERY SECOND COURSE.
- 6. SUPPLY VERTICAL REINFORCING IN MINIMUM LENGTH OF 4'-0" PLUS 48 BAR DIAMETER LAP AS
- 7. WALL CONSTRUCTION LIFTS SHALL BE PER ACI 530.
- 8. ASTM C270 TYPE S MORTAR REQUIRED UNLESS NOTED OTHERWISE.
- 9. SEE ARCHITECTURAL PLANS FOR LOCATION AND DETAIL OF CONTROL JOINTS AND EXPANSION JOINTS. REINFORCED WALLS SHALL HAVE THE FIRST VERTICAL BAR AND DOWEL WITHIN 8" OF JOINT ON EACH SIDE OF JOINT.
- 10. GENERAL CONTRACTOR SHALL COORDINATE ALL REQUIRED OPENINGS IN MASONRY WALLS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

## **NOTES:**

- CONTRACTOR TO PATCH ALL OLD UNUSED PENETRATIONS AND MOUNTING HOLES. PATCHES SHALL BE FLUSH WITH, AND COLOR SHALL MATCH, ADJACENT SURFACES.
- 2. ALL LEAD PAINT TO BE REMOVED. ALL PAINTED SURFACES, EXCEPT FOR CONCRETE FLOOR AND EXTERIOR OVERHANGS, CONTAIN LEAD. SEE SPECS. CONTRACTOR TO INSPECT THE PREMISES PRIOR TO SUBMITTING BID TO DETERMINE FULL EXTENT OF REQUIRED ABATEMENT.
- 3. PROVIDE ONE (1) PORTABLE FIRE EXTINGUISHER IN PUMP ROOM, CONTROL ROOM AND VESTIBULE. SEE SPECIFICATIONS.
- 4. WHEREVER PAINT COLOR IS NOTED TO MATCH EXISTING, CONTRACTOR TO SUBMIT COLOR SAMPLES FOR ARCHITECT'S REVIEW PRIOR TO PAINTING.
- 5. CONTRACTOR SHALL PERMANENTLY SEAL EXISTING FLOOR DRAIN. PROVIDE PLUMBERS PLUG BACKING AND FILL DRAINS W/ MINIMUM 4" EPOXY GROUT. GROUT TO BE SMOOTH AND LEVEL W/ EXISTING FLOOR.
- 6. ALL NEW AND EXISTING EXPOSED STEEL SURFACES ARE TO BE PAINTED. SEE ROOM FINISH SCHEDULE AND SPECIFICATION SECTION 9A.
- 7. ALL EXPOSED CONCRETE CELLING SURFACES ARE TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS OTHERWISE NOTED.

|          | **DOOR SCHEDULE                        |          |                    |                                       |                          |        |         |              |              |        |           |              |           |            |
|----------|--|----------|--------------------|---------------------------------------|--------------------------|--------|---------|--------------|--------------|--------|-----------|--------------|-----------|------------|
|          | (SEE SPECIFICATION SECTIONS 8B AND 8C) |          |                    |                                       |                          |        |         |              |              |        |           |              |           |            |
| DOOR NO. | 3-0×7-4 (VIF)                          | 3-0×7-10 | PR. 2-6×8-10 (VIF) | INSULATED<br>HOL, MTL<br>GALV-PAINTED | PAINTED HOL<br>MTL FRAME | HINGES | LOCKSET | DEADBOLT *** | FLUSH BOLT * | CLOSER | THRESHOLD | WEATHERSTRIP | DOOR STOP | LOCK GUARD |
| 01       |  | Х        |                    | X                                     | Х                        | X      | Х       | X            |              | Х      | Х         | Х            | Х         | Х          |
| 02       |  |          | Х                  | Х                                     | Χ                        | Х      | Х       | Х            | Х            | Х      | Х         | Х            | Х         | Х          |
| 03       | Х                                      |          |                    | Х                                     | Х                        | Х      | Х       |              |              | Х      | Х         | Х            |           | Х          |
| 04       |  |          | Х                  | X                                     | Х                        | X      | Х       | X            | Х            | Х      | Х         | Х            | Х         | X          |

- \* WEST DOOR LEAF TO RECEIVE FLUSH BOLTS
- \*\* ALL EXISTING DOOR OPENINGS SHALL BE FIELD VERIFIED FOR SIZE REQUIREMENTS
- \*\*\* EXTERIOR PADLOCKABLE DEADBOLT MATCH EXISTING



ILLINOIS DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL PLAN

SCALE: VERT. 1/4"=1'-0" DATE: 3/23/2010

DRAWN BY: A.T. CHECKED BY: D.L

**FLOOR PLAN AT EL. = EL. + 15.25**'

| ROOM FINISH SCHEDULE |       |       |      |                 |     |        |            |       |       |        |         |       |         |  |
|----------------------|-------|-------|------|-----------------|-----|--------|------------|-------|-------|--------|---------|-------|---------|--|
| ROOM                 | FLOOR |       | BASE | WAL NORTH SOUTH |     |        | LS<br>EAST |       | WEST  |        | CEILING |       | REMARKS |  |
|                      | MAT'L | FIN   | FIN  | MAT'L           | FIN | MAT'L  | FIN        | MAT'L | FIN   | MAT'L  | FIN     | MAT'L | FIN     |  |
| CONTROL ROOM         | CONC  | PAINT | NONE | GL.BRK          |     | GL.BRK |            | СМП   | PAINT | PANEL  |         |       |         | PAINT CMU INFILL TO MATCH GLAZED BRICK |
| PUMP ROOM            | CONC  | PAINT | NONE | GL.BRK          |     | GL.BRK |            | PANEL |       | СМП    | PAINT   |       |         |  |
| VESTIBULE            | CONC  | PAINT | NONE | GL.BRK          |     | GL.BRK |            | PANEL |       | GL.BRK |         |       |         | PAINT CMU INFILL TO MATCH GLAZED BRICK |
|                      |       |       |      |                 |     |        |            |       |       |        |         |       |         |  |

PAINT COLOR TO MATCH EXISTING GLAZED BRICK OR ADJACENT SURFACE SUBMIT COLOR SAMPLES FOR ARCHITECT'S REVIEW

COLOR GUIDELINES:

DATE VAME SCALE

EXISTING GLAZED BRICK SIMILAR TO PRATT & LAMBERT #2240-MINNOW

FRAMES TO BE SIMILAR TO PRATT & LAMBERT #1301 BLUE FOX (MATCH TRANSOM PANELS OVER DOOR NOS. 02 AND 04)

NEW PORCELAIN PANEL COLORS TO BE SUBMITTED TO CLIENT FOR APPROVAL EXISTING STRUCTURAL STEEL, BOTTOM OF ROOF DECK, METAL DOORS AND