

GENERAL SHEET NOTES

- SEE S0.01 AND S0.02 FOR GENERAL STRUCTURAL NOTES.
- SEE S0.03 THROUGH S5.01 FOR TYPICAL STRUCTURAL DETAILS.
- ALL EXISTING CONDITIONS SHOWN ARE TAKEN FROM EXISTING ORIGINAL BUILDING RECORD DRAWINGS DATED MAY 1, 2003 AND MODIFICATION RECORD DRAWINGS DATED MAY 28, 2004. FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE OWNER'S REPRESENTATIVE AND ENGINEER OF ALL DISCREPANCIES PRIOR TO COMMENCING THE WORK.

SHEET KEYNOTES x

- 1

DOOR NO. E-110 – PROVIDE AND INSTALL NEW EXTERIOR DOOR AND TRANSOM FRAME IN EXISTING WINDOW OPENING AS SHOWN. PROVIDE AND INSTALL LOUVER LVR-4 IN TRANSOM.
COORDINATE WITH MECHANICAL. SEE SHEET A6.01 FOR DOOR SCHEDULE AND DETAILS.
- 2

DOOR NO. 101.1 – PROVIDE AND INSTALL NEW INTERIOR DOOR AND FRAME IN EXISTING OPENING AS SHOWN W/ 1 1/2 HOUR FIRE LABEL. SEE SHEET A6.01 FOR SCHEDULE AND DETAILS.
- 3

DOOR NO. 101.3 – PROVIDE AND INSTALL NEW INTERIOR DOORS W/DUAL LEAVES AND FRAME IN NEW MASONRY OPENING AS SHOWN. PROVIDE REMOVABLE TRANSOM BAR AND OPENINGS IN UPPER DOOR LEAVES FOR PASS THRU OF MONORAIL BEAM. SEE SHEETS A1.02 & A6.01 FOR ELEVATIONS AND DETAILS.
- 4

PROVIDE OPENING IN INTERIOR CONCRETE MASONRY WALL FOR MECHANICAL GRILL RG-2. COORDINATE LOCATION WITH MECHANICAL. SEE SHEET A1.02 FOR ELEVATION DETAIL.
- 5

PROVIDE NEW GYPSUM BOARD WALL ON 3 5/8" COLD FORMED STEEL STUDS FULL HEIGHT TO UNDERSIDE OF DECK. PROVIDE AND MAINTAIN FIRE RATING AS SCHEDULED. SEE A6.02 FOR WALL TYPES AND DETAILS.
- 6

REMOVE EXISTING TRANSOM PANEL FROM EXISTING DOOR AS SHOWN. PREPARE OPENING FOR INSTALLATION OF LOUVER LVR-5. COORDINATE WITH MECHANICAL.
- 7

PROVIDE NEW METAL LOUVERS, LVR-1, LVR-2, & LVR-3 IN NEW MASONRY OPENINGS. RE-USE EXISTING FACE BRICK FOR TOOTH-IN REINSTALLATION AT OPENINGS. COORDINATE WITH MECHANICAL AND STRUCTURAL. SEE SHEET A6.01 FOR SCHEDULE AND DETAILS.
- 8

DOOR NO. 101.2 PROVIDE AND INSTALL NEW INTERIOR DOOR AND FRAME IN NEW PARTITION W/3/4 HOUR LABEL. SEE SHEET A6.01 FOR DOOR SCHEDULE AND DETAILS.

- 9

DOOR 110.1. PROVIDE AND INSTALL IN NEW MASONRY OPENING A 4'-0" W X 7'-10" H FLUSH METAL DOOR. TOOTH EXISTING BRICK INTO NEW HEAD AND JAMB. SEE STRUCTURAL FOR LINTEL DETAIL.
SEE ELECTRICAL FOR RELOCATION OF ELECTRICAL EQUIPMENT.
- 10

DOOR 101.3: REVERSE FRAME INSTALLATION SO THAT THE DOOR CAN SWING OUT FROM CONTROL ROOM, AND OPEN TO FULLEST EXTENTS POSSIBLE.

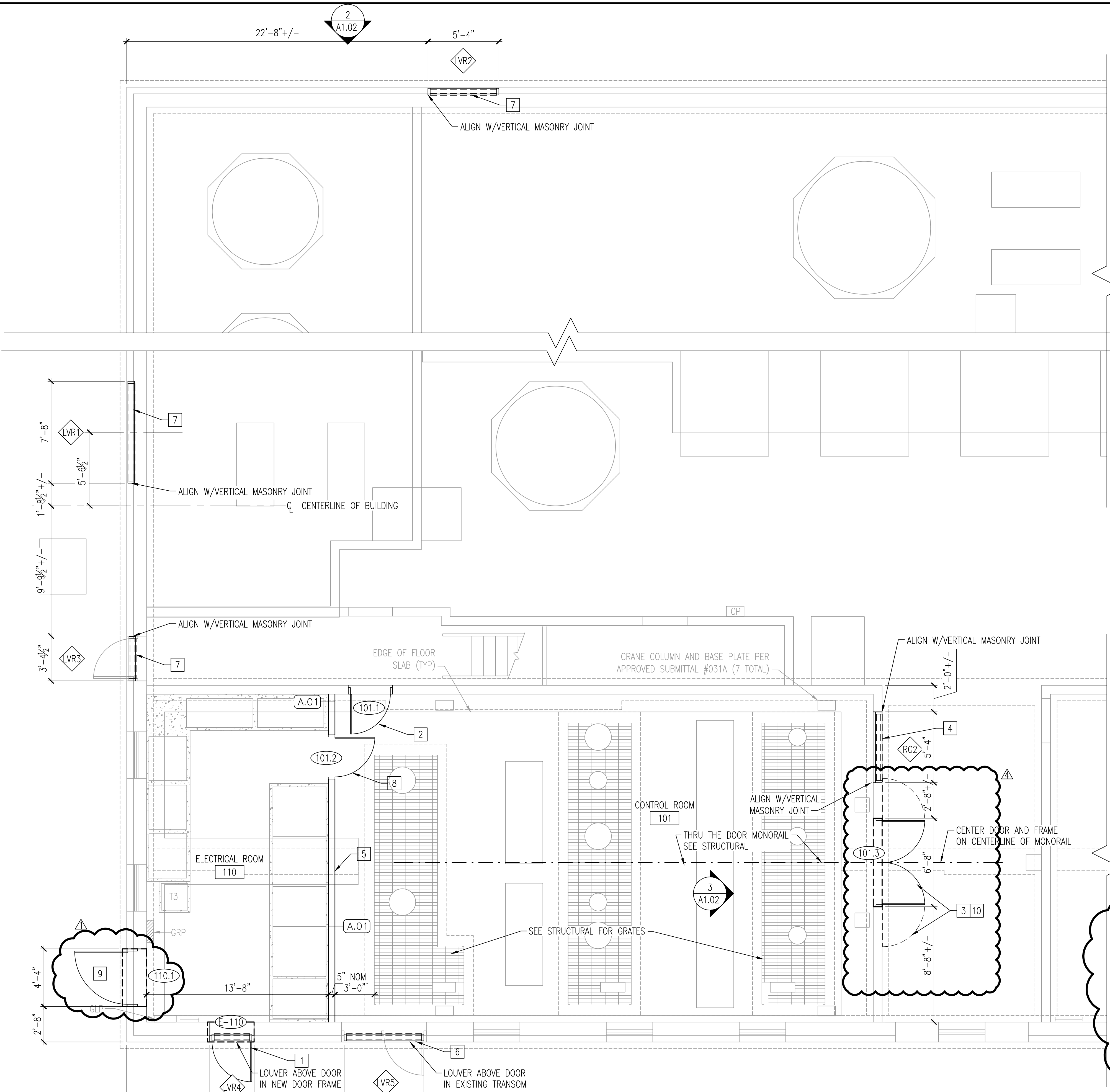
BUILDING CODE DATA (FROM RECORD DRAWING DATED MAY 1, 2003):

VIRGINIA UNIFORM STATEWIDE BUILDING CODE – SEPTEMBER 2000 – WITH 1996 EDITION OF BOCA.

- USE GROUP: SECTION 313.0 – MIXED USE GROUP
 - B – BUSINESS
 - F-2 – FACTORY, LOW HAZARD
 - H-4 – HIGH HAZARD (ROOMS 103 AND 104).
NOTE THAT H-4 IS SEPARATED FROM F-2 IN ACCORDANCE WITH TABLE 313.1.2.
- CONSTRUCTION CLASSIFICATION – 3B
- ALLOWABLE AREA – TABLE 503 = 14,400 S.F. PER FLOOR
ACTUAL AREA = 10,275 S.F. FIRST FLOOR
= 1,530 S.F. SECOND FLOOR
= 3,205 S.F. SECOND FLOOR AFTER 2004 RENOVATION
- ALLOWABLE HEIGHT – TABLE 503 = 3 STORY AND 40'-0"
ACTUAL HEIGHT = 2 STORY AND 32'-2" ABOVE GRADE PLANE

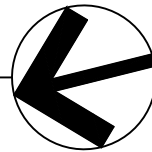
CRYSTAL SPRING WATER TREATMENT PLANT CITY OF ROANOKE, VIRGINIA		
	2002 SPACE DISTRIBUTION	PROPOSED SPACE DISTRIBUTION
	FIRST FLOOR	FIRST FLOOR
BUSINESS – B	3,031 SQ. FT.	1,511 SQ. FT.
FACTORY – LOW HAZARD – F2	6,909 SQ. FT.	8,429 SQ. FT.
HAZARDOUS H-4	335 SQ. FT.	335 SQ. FT.
TOTAL:	10,275 SQ. FT.	10,275 SQ. FT.

NOTE: OCCUPANCY FOR BUSINESS AND FACTORY – LOW HAZARD HAS SAME OCCUPANT DENSITY OF 100 SQ. FT. PER PERSON. THEREFORE EXIT REQUIREMENTS REMAIN THE SAME. ALL OTHER CODE INFORMATION REMAINS THE SAME.



FIRST FLOOR PLAN – NEW WORK

SCALE: 1/4" = 1'-0"



0 2' 4' 8'
SCALE: 1/4" = 1'-0"

A	1/15/21	CRANE FRAMING/DOOR REVISION
B	4/15/20	BUILDING PERMIT REVIEW
C	3/10/20	ADDENDUM #1
REV	DATE	DESCRIPTION

DRAWING SHEET

A1.01 31



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WESTERN VIRGINIA WATER AUTHORITY

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DES:	RK	SCALE:	1/4"
DRAWN:	PKI	HORIZ:	N/A
CHECK:	DAK	VERT:	N/A
DATE:	1/24/20		

CRYSTAL SPRING
PUMP STATION RELOCATION