

# WEST SIDE TREATMENT PLANT REPAIRS 2016

## CITY OF JOLIET, ILLINOIS

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### GENERAL NOTES


1. THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED PROJECT PLAN BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES.
2. ANY ON-SITE WORK STORAGE AREAS PROPOSED BY THE CONTRACTOR WILL REQUIRE APPROVAL BY CITY OFFICIALS.
3. ALL REMOVED MATERIALS AND CONSTRUCTION DEBRIS IS PROPERTY OF THE CONTRACTOR. ANY DISPOSAL FEES AND REQUIRED PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. BEFORE ANY CONSTRUCTION COMMENCES, THE CONTRACTOR WILL DO THE FOLLOWING:
  - A. RECEIVE APPROVAL OF THE WORK PLAN FROM CITY OFFICIALS AND THE ENGINEER.
  - B. CONTRACTOR WILL HAVE THE PROPER EQUIPMENT AND PERSONNEL ON-SITE TO SUCCESSFULLY CONSTRUCT THE IMPROVEMENTS.
  - C. UPON INITIATING WORK AT A SPECIFIC AREA, THE CONTRACTOR WILL THEN COMPLETE THE WORK IN THIS AREA. THE CONTRACTOR WILL NOT BE ALLOWED TO LEAVE THE WORK SITE IN THE MIDDLE OF THE CONSTRUCTION PROCESS.
5. SAFETY ON THE WORK SITE IS THE TOP PRIORITY. THE SAFETY OF BOTH THE CITY WORKFORCE AND SAFETY OF THE CONTRACTOR'S WORKFORCE.




### LOCATION MAP

NO SCALE


J.U.L.I.E.  
Joint  
Utility  
Locating  
Information for  
Excavators  
CALL 811



Know what's below.  
Call before you dig.



#	Date	Description



**CITY OF JOLIET, ILLINOIS**  
**WEST SIDE TREATMENT PLANT**  
**REPAIRS 2016**

SHEET TITLE: **TITLE SHEET AND GENERAL NOTES**

ISSUE: **1.0**

Date: 2/4/16 SHEET NUMBER: **1.0**

Design/Drawn: DSB

Approved: EJK

Book No.: X SHEET 1 OF 4

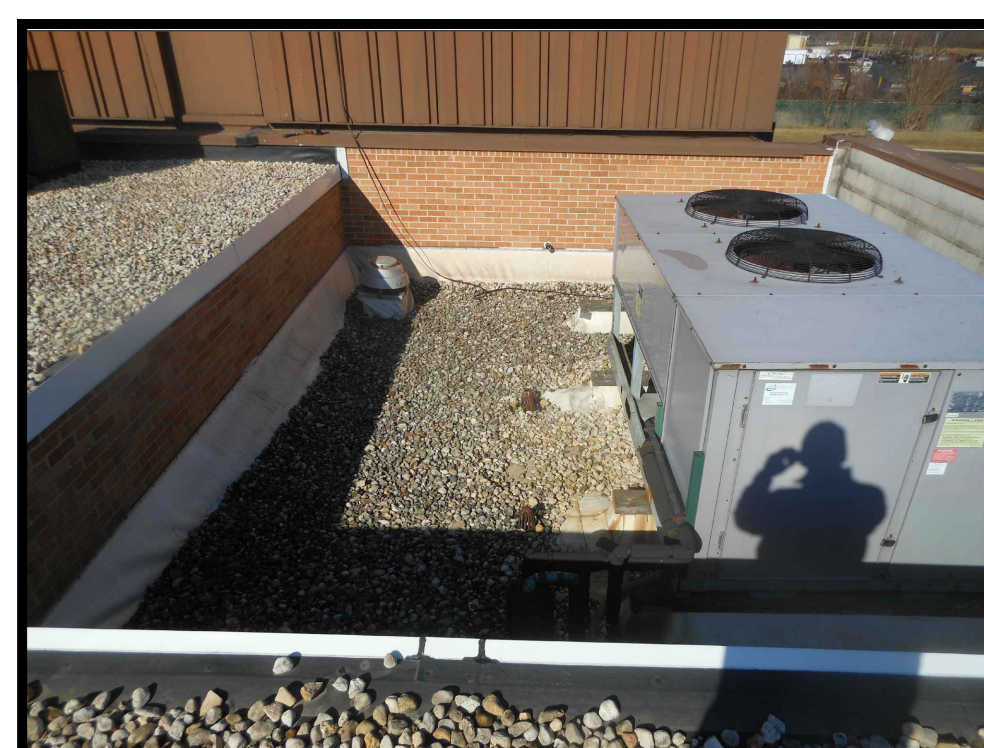
Project No.:X File No.:X



**ROOF PHOTO #1**



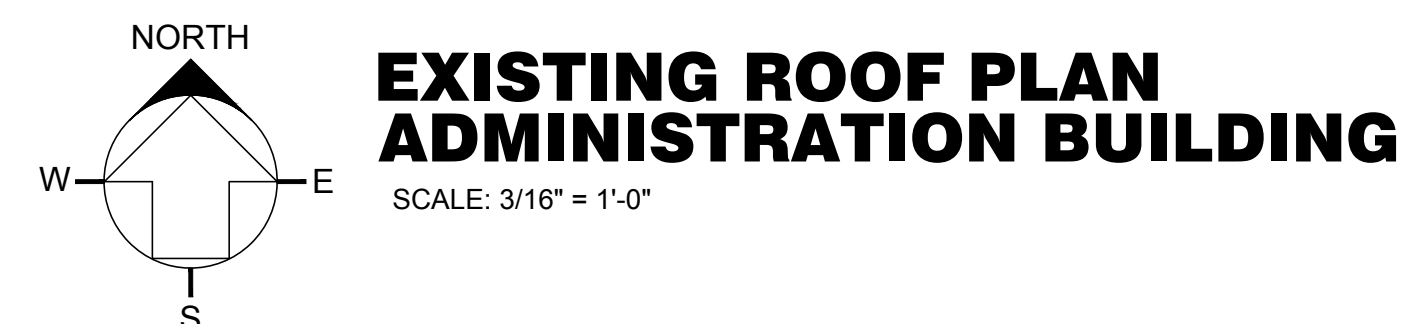
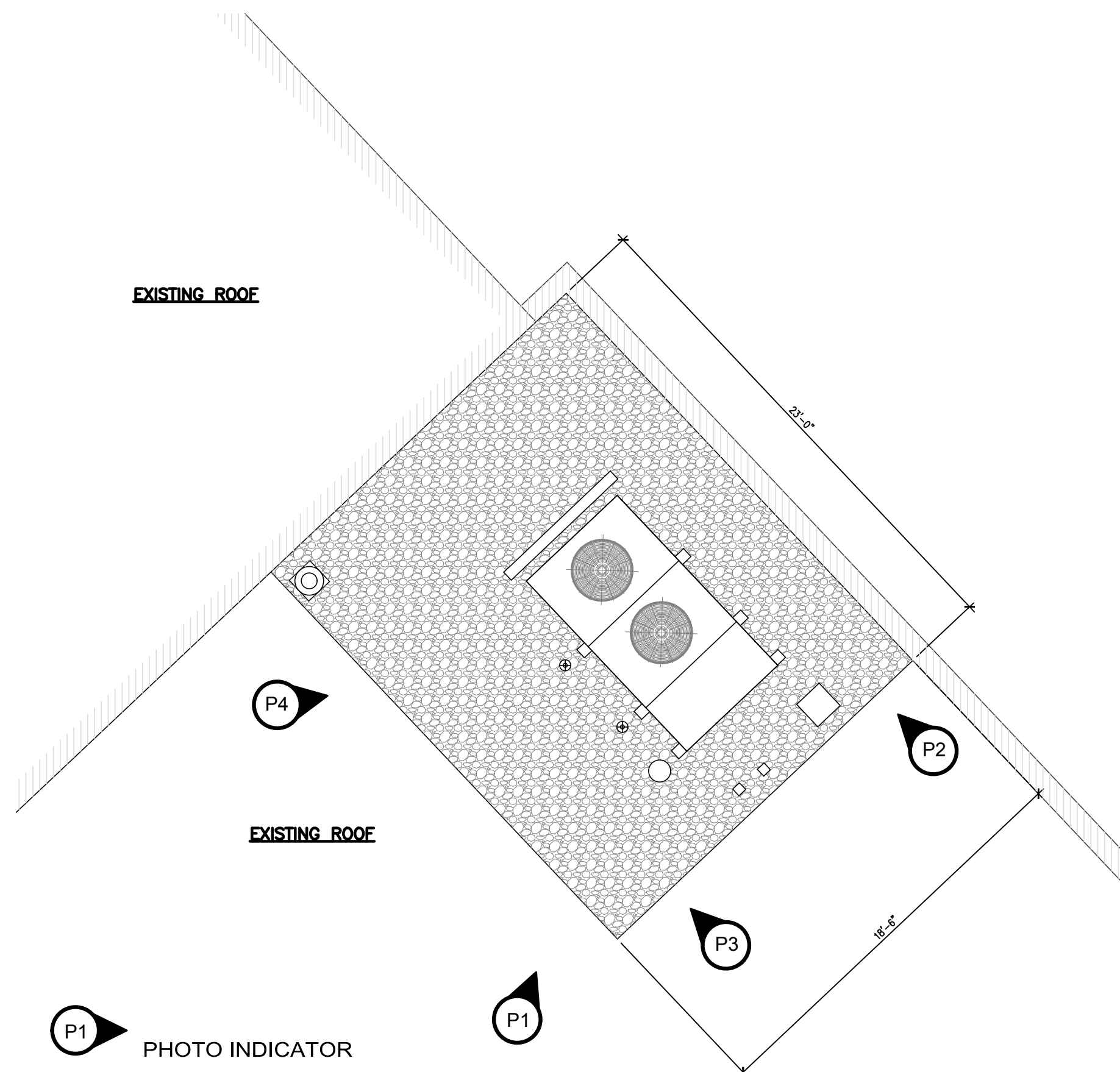
**ROOF PHOTO #2**



**ROOF PHOTO #3**



**ROOF PHOTO #4**



*West Side Wastewater Treatment Plant: Administration Building*

*Roof Rehabilitation will include the following Pay Items*

*Pay Item: Roof Rehabilitation Preparation- Lump Sum*

*Roof Rehabilitation Preparation will include the following Requirements*

Pay Item Requirements	Units	Quantity
Remove the Air Handler	LS	1
Replace the Air Handler	LS	1
Require d Electrical and Mechanical	LS	1

*Pay Item: Roof Rehabilitation - Lump Sum*

*Roof Rehabilitation will include the following Requirements*

Pay Item Requirements	Units	Quantity
Remove then Clean Existing Roof System	SF	425
Install New Roof System [Samafil G410 Adhered System]	SF	425

**ROOFING NOTES:**

1. TO PROPERLY REHABILITATE THE SUBJECT ROOF AREA; THE CONTRACTOR WILL BE RESPONSIBLE TO DISCONNECT AND REMOVE THE PICTURED AIR HANDLER FROM THE ROOF. THE AIR HANDLER MAY BE TEMPORARILY STORED ON THE GROUNDS. THEN UPON COMPLETION OF ROOF REHABILITATION; THE CONTRACTOR WILL REPLACE AND RE-CONNECT THE AIR HANDLER AND RE-ESTABLISH HVAC SYSTEMS. APPROVED SHOP DRAWINGS ARE REQUIRED BEFORE COMMENCING THIS WORK.

*West Side Wastewater Treatment Plant: Administration Building*

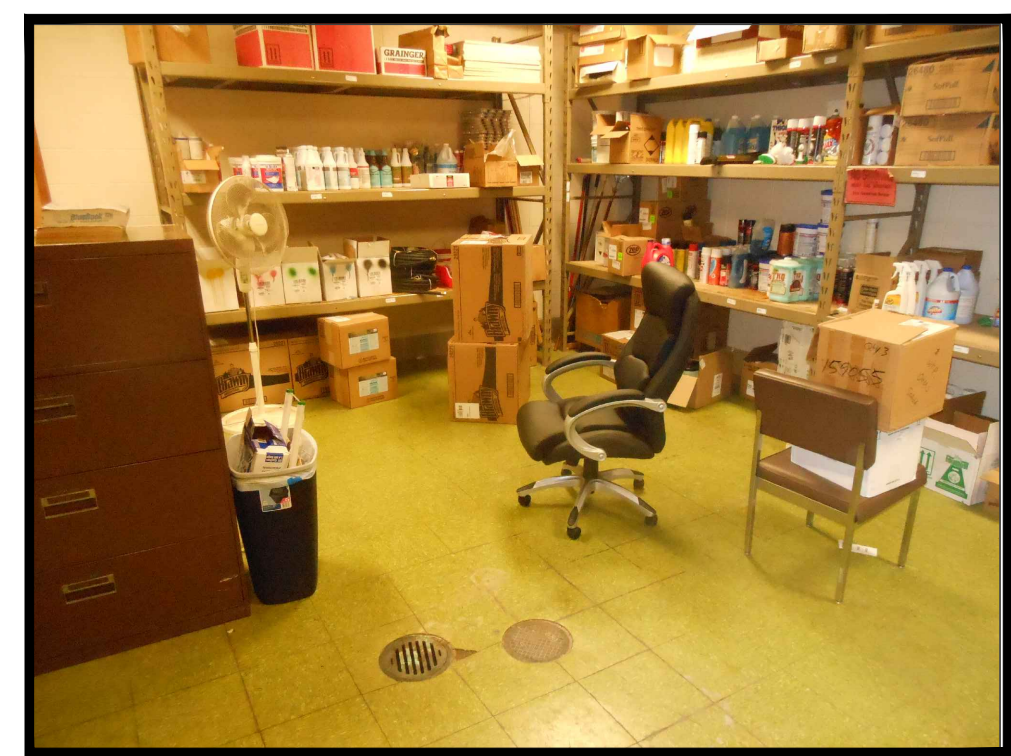
*Floor Tile Removal and Replacement Quantities*

Section Tile Removal	Dimensions	Area
Blue	12' x 6.5'	78 sf
Yellow 1	5' x 136'	680 sf
Yellow 2	8' x 5'	40 sf
Yellow 3	6' x 13'	78 sf
Yellow 4	4' x 4'	16 sf
Yellow 5	3' x 4'	12 sf
Green 1	18' x 18'	324 sf
Green 2	19' x 24'	456 sf
Store Room	8' x 10'	80 sf
<b>Totals</b>		<b>1,764 sf</b>

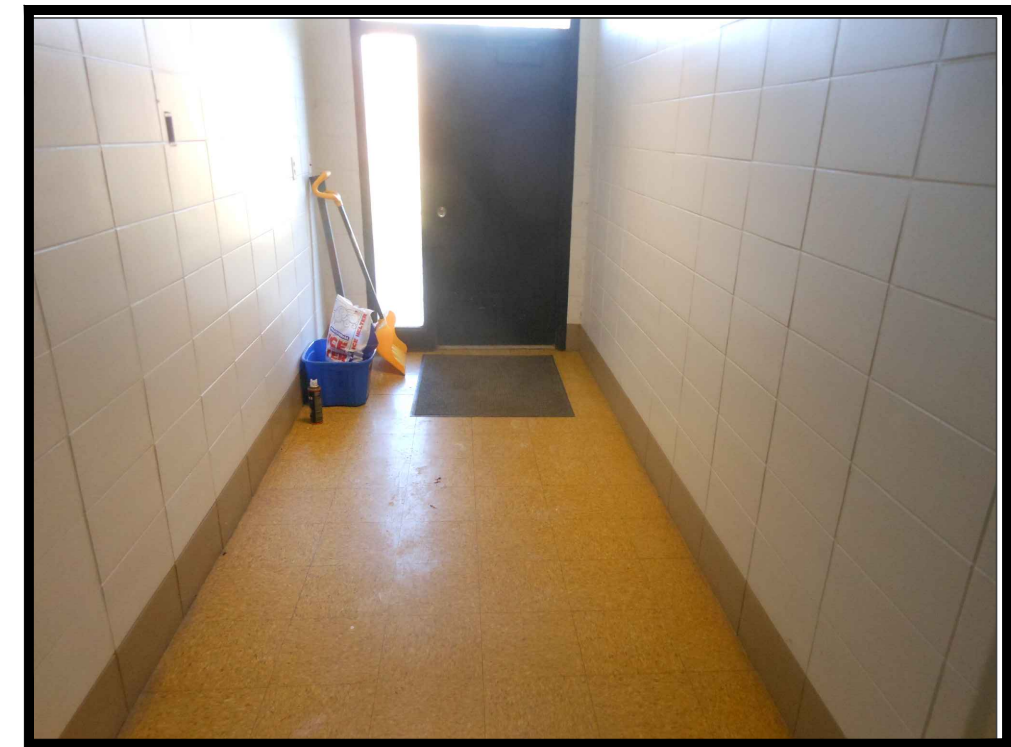
  

Tile Replacements	Dimensions	Area
ALL		1,764 sf
<b>Totals</b>		<b>1,764 sf</b>

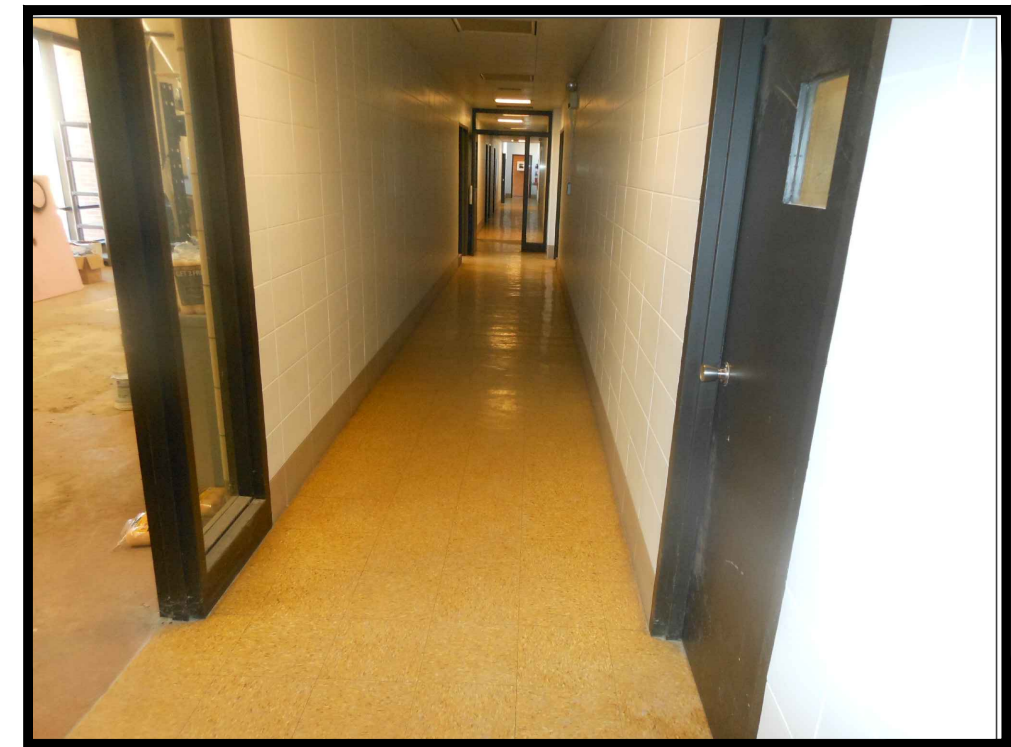
- TILE NOTES:**
1. THE CONTRACTOR WILL BE RESPONSIBLE TO PROPERLY REMOVE AND DISPOSE THE EXISTING ASBESTOS TILES.
  2. THE REMOVAL CONTRACTOR PERFORMING THIS TASK, **MUST** BE AN IDPH LICENSED ASBESTOS CONTRACTOR.
  3. THE CONTRACTOR WILL PROCEED WITH REMOVAL IN ACCORDANCE WITH 40 CFR PART 61.140 thru PART 61.157



**GREEN TILE PHOTO #1**



**YELLOW TILE PHOTO #1**



**YELLOW TILE PHOTO #2**

**CITY OF JOLIET, ILLINOIS**  
**WEST SIDE TREATMENT PLANT**  
**REPAIRS 2016**

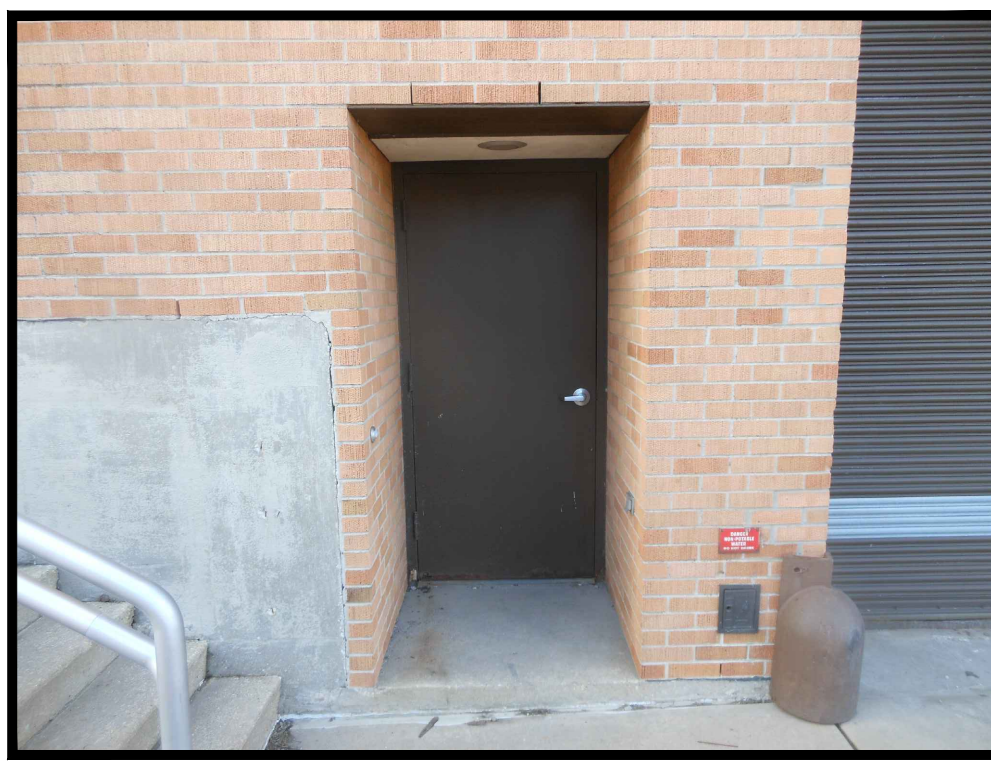
**ADMINISTRATION BUILDING**

SHEET TITLE: **ROOF REPAIRS AND FLOOR TILE REPLACEMENT PLAN**

ISSUE: # \_\_\_\_\_ Date \_\_\_\_\_ Description \_\_\_\_\_

Date: 2/4/16 SHEET NUMBER: **2.0**

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Approved: EJK  
Book No.: X SHEET 2 OF 4  
Project No.:X File No.:X



**DOOR #1**



**DOOR #1 THRESHOLD**



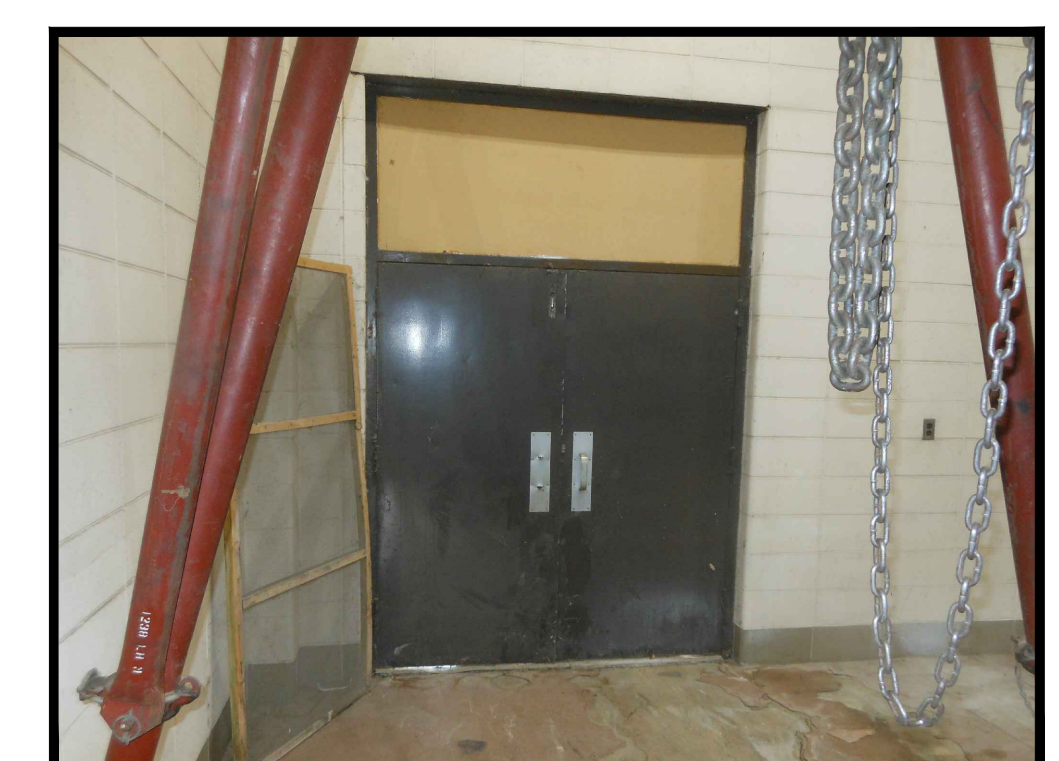
**DOOR #2**



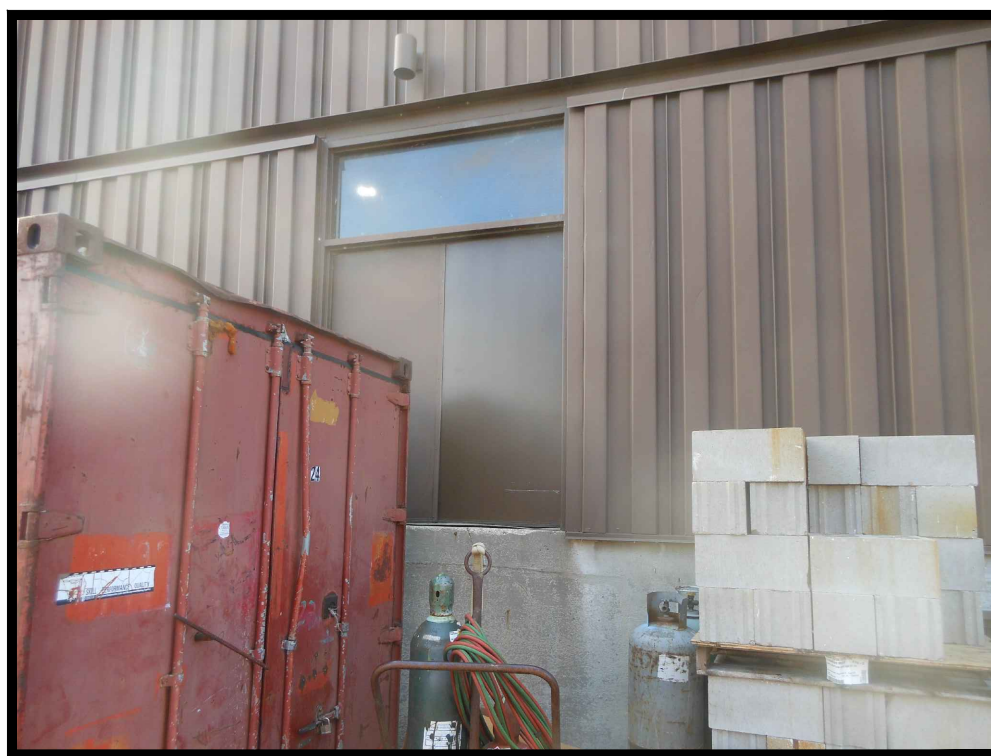
**DOOR #2 THRESHOLD**



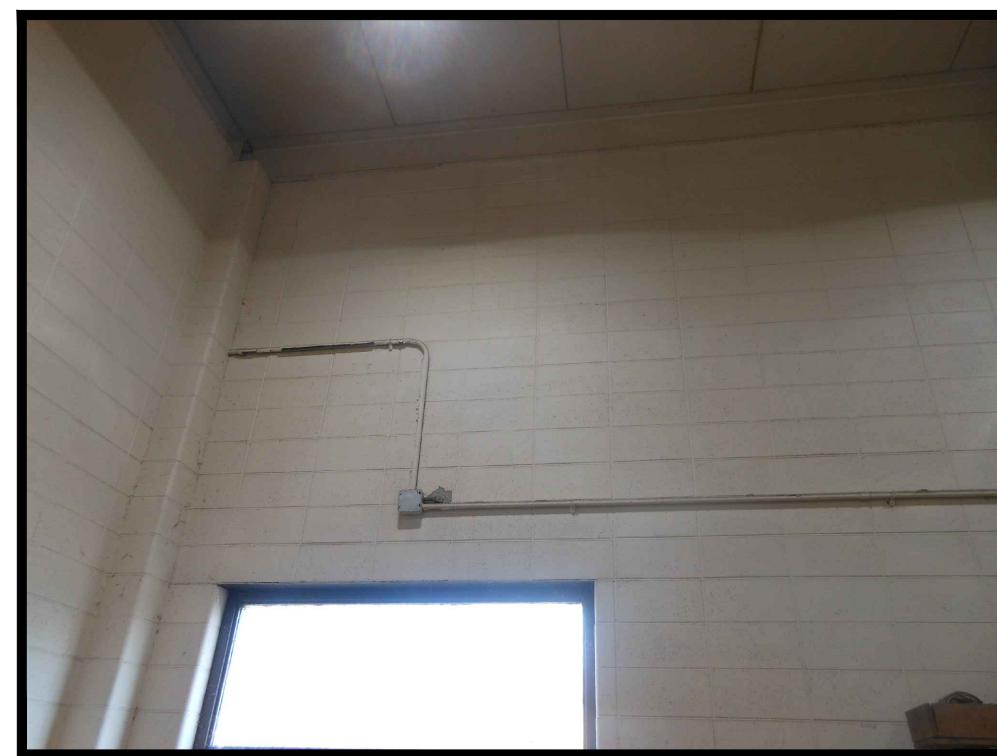
**DOOR #3 OUTSIDE**



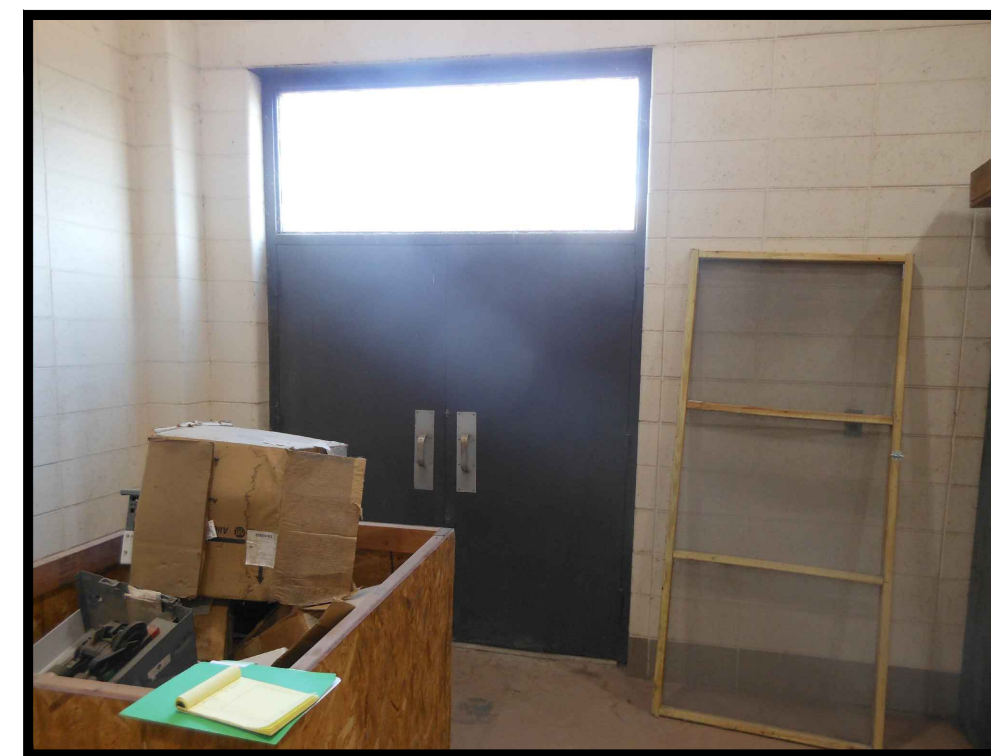
**DOOR #3 INSIDE**



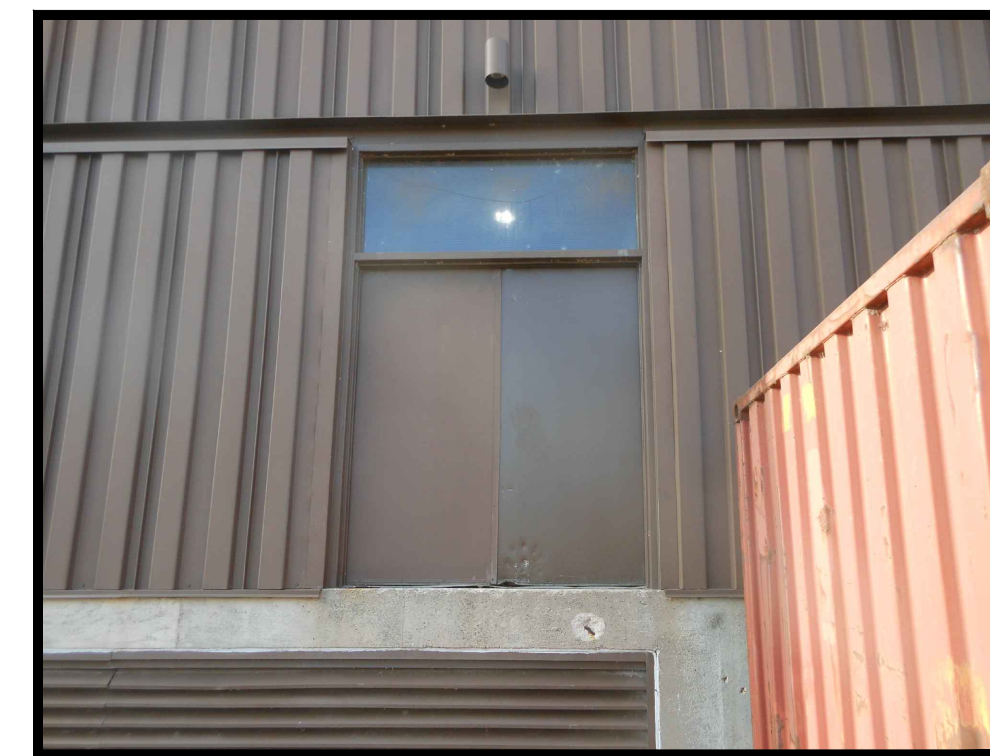
**DOOR #4 OUTSIDE**



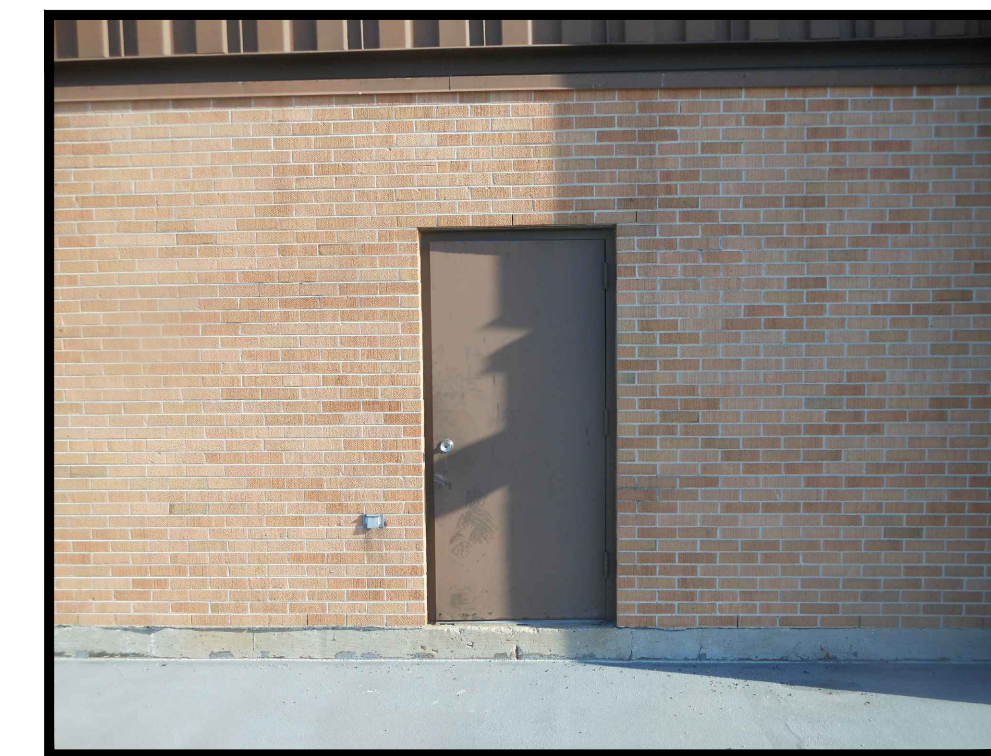
**DOOR #4 INSIDE**



**DOOR #4 INSIDE**



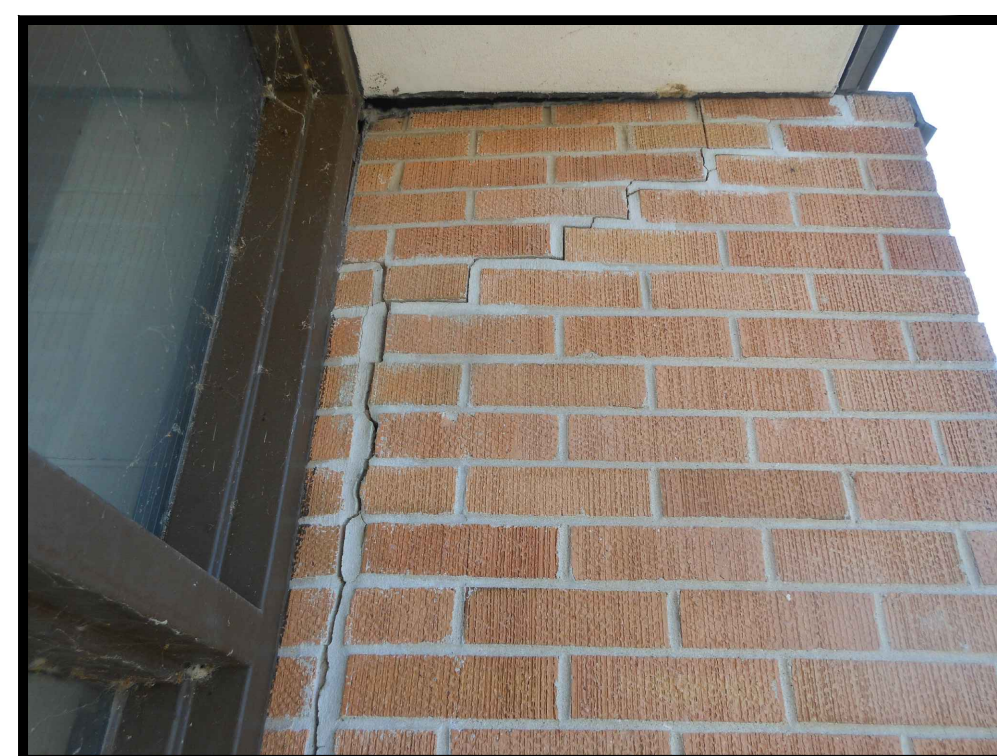
**DOOR #5**



**DOOR #6**



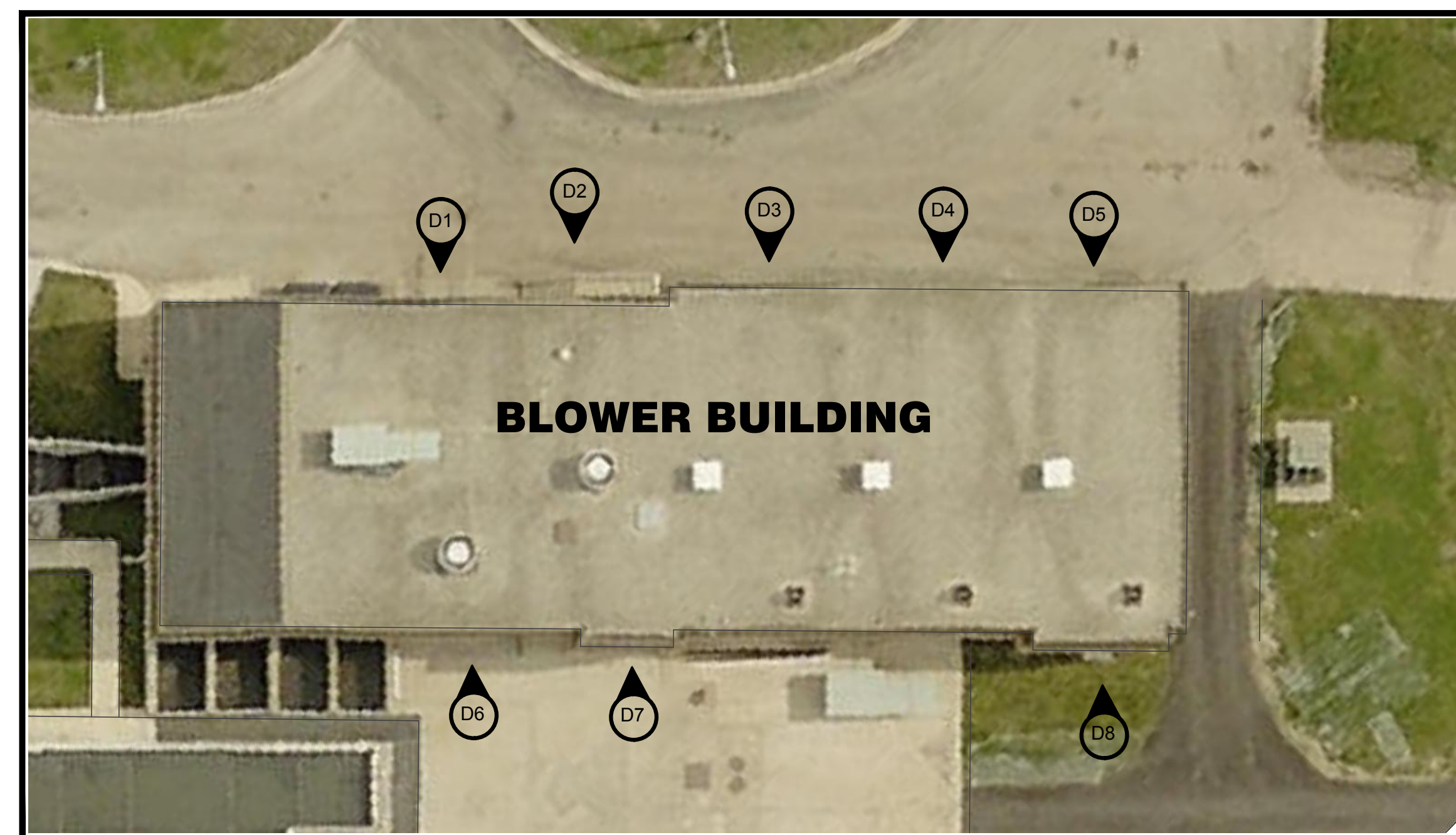
**DOOR #7**



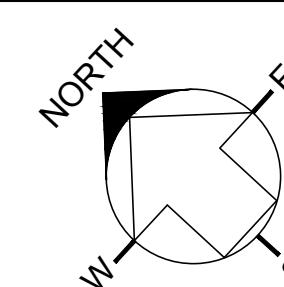
**DOOR #7 RIGHT WALL**



**DOOR #8**



**BLOWER BUILDING**



**EXISTING DOOR KEY MAP**

NO SCALE



**CITY OF JOLIET, ILLINOIS  
WEST SIDE TREATMENT PLANT  
REPAIRS 2016**

**BLOWER BUILDING**

**EXISTING DOOR PHOTOS**



#	Date	Description

ISSUE: \_\_\_\_\_

Date: 2/4/16 SHEET NUMBER: **3.0**

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# DOOR SCHEDULE

NO.	TYPE	DOOR DATA				FRAME			REMARKS	HARDWARE-COMMERCIAL GRADE									
		SIZE		MATERIAL	FINISH	TYPE	MATERIAL	WALL CONDITION @ JAMBS AND HEAD											
WIDTH	HEIGHT																		
1	D1	3'-0"	6'-8"	FLUSH ALUM.	ANODIZED	F1	FLUSH ALUM.	MASONRY	NEW FRAME	●	●	●	●	●	●	●	●	●	●
2	D2	2'-3'-0"	6'-8"	FLUSH ALUM.	ANODIZED	F2	FLUSH ALUM.	MASONRY	NEW FRAME	●	●	●	●	●	●	●	●	●	●
3	D3	7'-0"	6'-10"	FLUSH ALUM.	ANODIZED	F3	FLUSH ALUM.	MASONRY	ROLLING SERVICE DOOR SYSTEM: MODEL 625, CHAIN OPERATED	●	●	●	●	●	●	●	●	●	●
4	D3	7'-0"	6'-10"	FLUSH ALUM.	ANODIZED	F3	FLUSH ALUM.	MASONRY	ROLLING SERVICE DOOR SYSTEM: MODEL 625, CHAIN OPERATED	●	●	●	●	●	●	●	●	●	●
5	D3	7'-0"	6'-10"	FLUSH ALUM.	ANODIZED	F3	FLUSH ALUM.	MASONRY	ROLLING SERVICE DOOR SYSTEM: MODEL 625, CHAIN OPERATED	●	●	●	●	●	●	●	●	●	●
6	D1	3'-0"	6'-8"	FLUSH ALUM.	ANODIZED	F1	FLUSH ALUM.	MASONRY	NEW FRAME	●	●	●	●	●	●	●	●	●	●
7	D1	3'-0"	6'-8"	FLUSH ALUM.	ANODIZED	F7	FLUSH ALUM.	MASONRY	TUCK POINTING REQUIRED, (2'-8" x 9'-6") NEW FRAME	●	●	●	●	●	●	●	●	●	●
8	D1	3'-0"	6'-8"	FLUSH ALUM.	ANODIZED	F8	FLUSH ALUM.	MASONRY	NEW FRAME	●	●	●	●	●	●	●	●	●	●

## DOOR NOTES

- ALUMINUM DOORS SHALL BE CLINE DOORS 100 BE WITH SMALL VISION LITE.
- STANDARD CLEARANCES SHALL BE IN ACCORDANCE WITH CLINE DOOR CONSTRUCTION SPECIFICATIONS.
- GLAZING: VISION LITES SHALL BE GLAZED WITH 0.25 INCH THICK TEMPERED GLASS WITH SNAP-IN, NON-REMOVABLE STOPS OF EXTRUDED ALUMINUM ALLOY 6063-T5, MINIMUM THICKNESS OF 0.05 IN.

### HARDWARE PREPARATION:

- STANDARD PREPARATION SHALL INCLUDE 4.5 INCH x 4.5 INCH TEMPLATE, FULL MORTISE HINGE PREP. SURFACE APPLIED HARDWARE SHALL BE DRILLED AND TAPPED IN THE FIELD BY INSTALLER.

### FINISH:

- FACE SHEETS SHALL BE ANODIZED CLASS - #2, CLEAR 0.4 MIL. MIN. THICK.
- EXTRUDED ALUMINUM TRIM SHALL BE ANODIZED CLASS-1, CLEAR 0.70 MIL. MIN. THICK.

## FRAMING NOTES

- ALUMINUM HEAVY-DUTY FRAMES SHALL CLINE 5-INCH (127mm) FRAMES.
- GROUT NEW DOOR FRAMES SOLID.

### HARDWARE PREPARATION:

- HINGE AND STRIKE PLATES SHALL BE FULLY MORTISED IN FRAME. HINGES SHALL BE PREPPED FOR STANDARD WEIGHT 4.51 INCH x 4.5 INCH TEMPLATE HINGE. LOCK STRIKES SHALL BE 4.875-INCH. ALL SURFACE HARDWARE SHALL BE DRILLED AND TAPPED IN THE FIELD BY INSTALLER.

### FINISH:

- FRAMES SHALL BE ANODIZED CLASS 2, CLEAR 0.4 MIL. MIN. THICK.

## PAY ITEMS

- DOORS, FRAMES, HARDWARE, THRESHOLD, SIDELIGHTS; REMOVAL, SUPPLY AND INSTALLATION WILL BE PAID AT THE LUMP SUM PRICE FOR ALL DOORS #1 THRU #8, AS DETAILED ON THIS PLAN SHEET AND IN THE SPECIAL PROVISIONS.

## HARDWARE NOTES

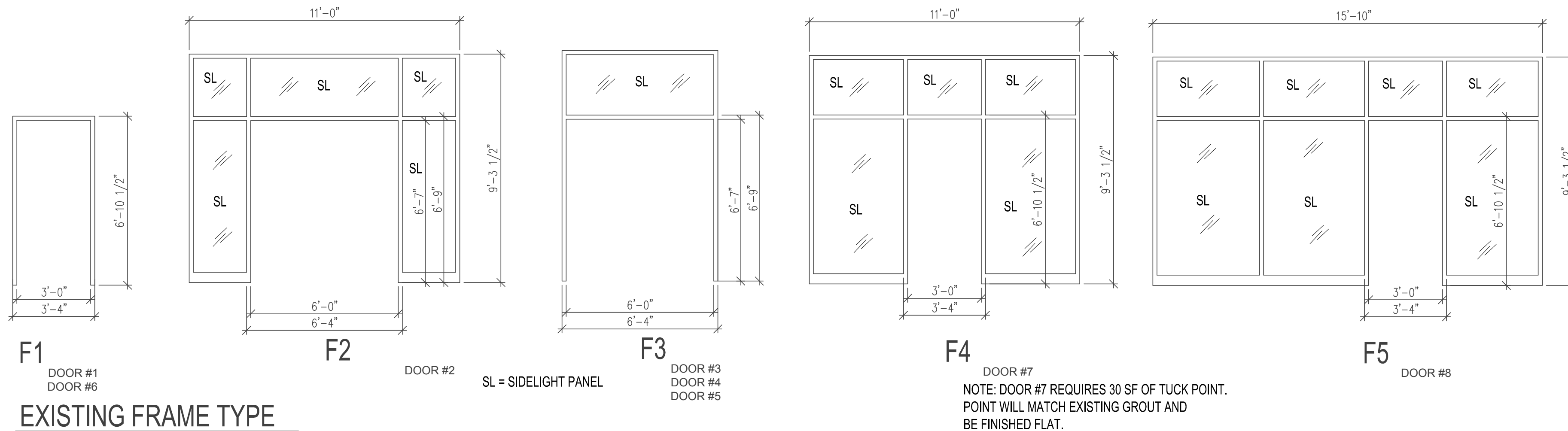
- CORROSION RESISTANT HARDWARE SHALL BE INSTALLED IN DOORS.
- ALL HARDWARE WILL BE SCHLAGE HARDWARE.
- DOOR HARDWARE SHALL BE CAPABLE OF OPERATION WITH THE USE OF ONE HAND AND SHALL NOT REQUIRE TIGHT PINCHING, TIGHT GRASPING OR TWISTING OF THE WRIST TO OPERATE.
- THRESHOLDS AT THE DOORWAYS SHALL NOT EXCEED 1/2" HEIGHT FOR EXTERIOR DOORS.
- ALL OPENING SIZES TO BE VERIFIED IN FIELD.
- ALL LOCKING HARDWARE TO BE COORDINATED WITH OWNER.

## SIDELIGHT NOTES

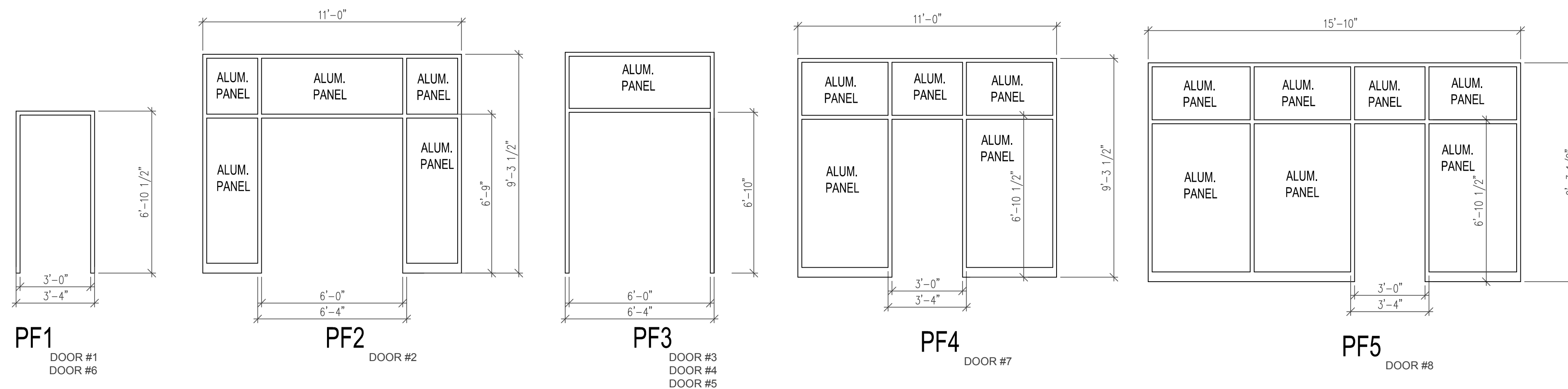
- ALL EXISTING WINDOW SIDELIGHTS WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- ALL PROPOSED SIDELIGHTS WILL BE 1/4" THICK ALUMINUM SHEET PANELS.
- ALUMINUM SHEET PANELS WILL BE ANODIZED FINISHED.
- COLOR TO BE CHOSEN BY OWNER AND WILL MATCH DOORS.

## SHOP DRAWINGS

- CONTRACTOR WILL SUBMIT COMPLETE SHOP DRAWINGS; FOR DOORS, FRAMES, HARDWARE, SIDELIGHTS AND MISC.
- OWNER AND ENGINEER WILL APPROVE ALL SHOP DRAWINGS PRIOR TO CONTRACTOR PLACING ORDER FOR DOORS, FRAMING, HARDWARE, SIDELIGHTS, AND MISC.

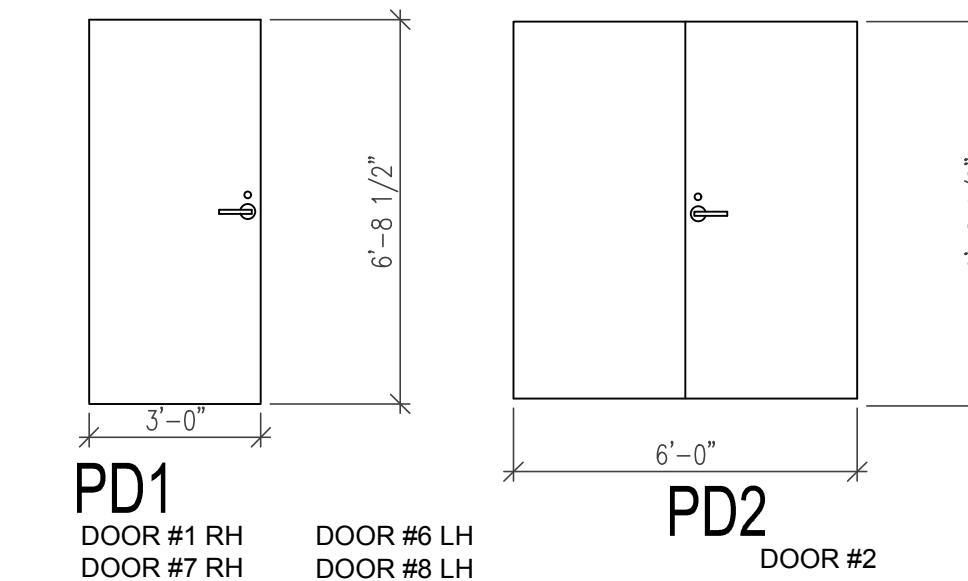
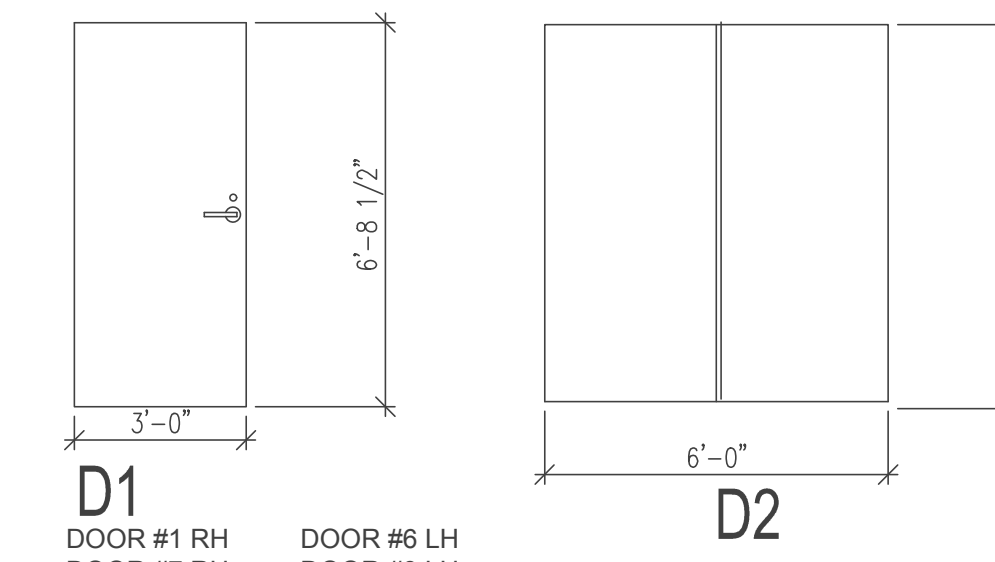


EXISTING FRAME TYPE

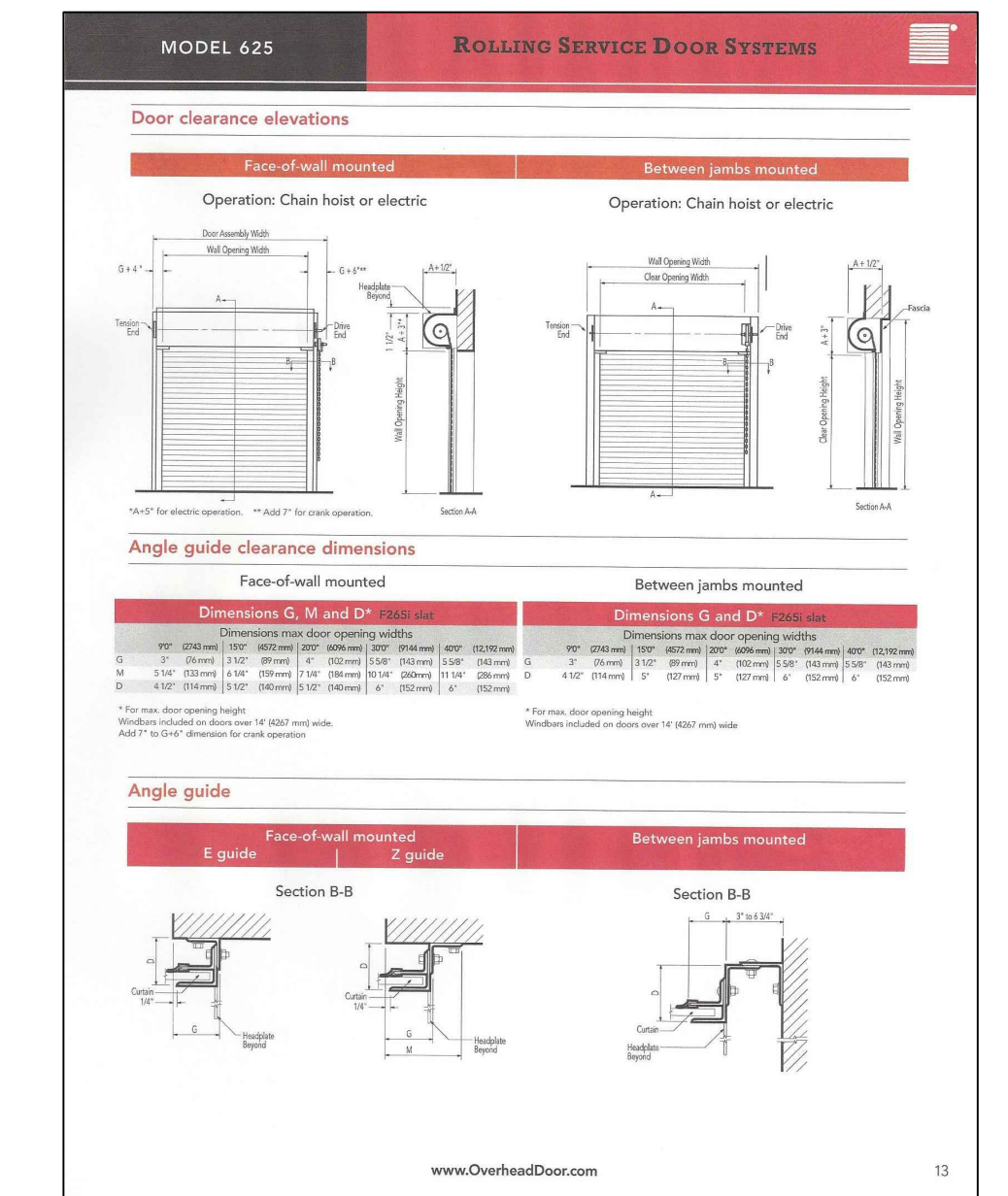


PROPOSED FRAME TYPE

EXISTING DOOR TYPE



PROPOSED DOOR TYPE



ROLLING SERVICE DOOR - PD3

NOTE: ALL ROLLING SERVICE DOORS ARE TO BE INTERIOR MOUNTED TO EXISTING MASONRY WITH CHAIN HOIST.



#	Date	Description



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**REPAIRS 2016**  
**BLOWER BUILDING**

SHEET TITLE: **DOOR REPLACEMENT SCHEDULE, ELEVATIONS AND NOTES**

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