



CITY OF HOPEWELL WASTE ENCLOSURES

SHEET LIST

- C-1 COVER SHEET
- C-2 SITE DETAIL
- SI-1 SITE PLAN
- A-1 ARCHITECTURAL PLAN 5 DOOR
- A-2 ARCHITECTURAL PLAN 4 DOOR
- A-3 ARCHITECTURAL SECTION 5 DOOR
- A-4 ARCHITECTURAL SECTION 4 DOOR
- A-5 ARCHITECTURAL ELEVATION 5 DOOR
- A-5A ARCHITECTURAL ELEVATION 4 DOOR
- A-6 ARCHITECTURAL FINISHES
- AA-1 ARCHITECTURAL BIN PLAN
- AA-2 ARCHITECTURAL ELEVATIONS
- AA-3 ARCHITECTURAL SECTION
- AA-4 ARCHITECTURAL RENDERING

CITY OF HOPEWELL DUMPSTER ENCLOSURE GENERAL NOTES

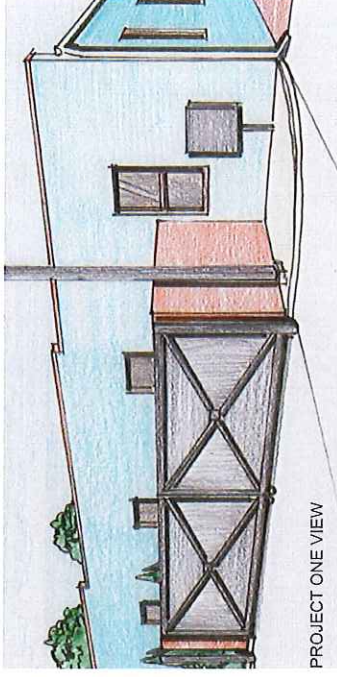
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3. CONTRACTOR SHALL HOLD WEEKLY PROGRESS MEETINGS WITH CITY REPRESENTATIVES VIRTUALLY AND/OR ON-SITE AS REQUIRED FOR OBSERVATION PURPOSES
4. CONTRACTOR SHALL HAVE ACCESS TO THE CONSTRUCTION SITE AT ALL TIMES DURING THE PROJECT DURATION
5. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO KEEP AS MANY PARKING LOTS AVAILABLE AS POSSIBLE. HOWEVER, AT LEAST (5) PARKING SPACES (5) ALONG SOUTH DRIVE AISLE AND DRIVE AISLE OF EXISTING PARKING LOT SHALL REMAIN IN PUBLIC USE DURING CONSTRUCTION
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19. COPING: CAST STONE AS PER DIAGRAM
20. PAINTED STEEL- RUST PROHIBITIVE POWDER COATED FINISH - DOORS, HARDWARE, AND SUPPORTS
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CODE SUMMARY
2015 VIRGINIA UNIFORM
STATEWIDE BUILDING CODE

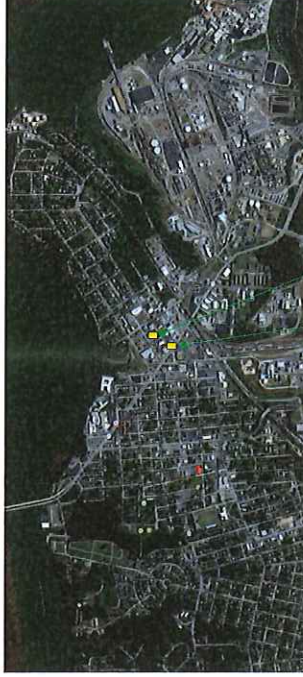
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CITY OF HOPEWELL VA

TIMMONS ENGINEERING
RICHMOND



PROJECT ONE VIEW



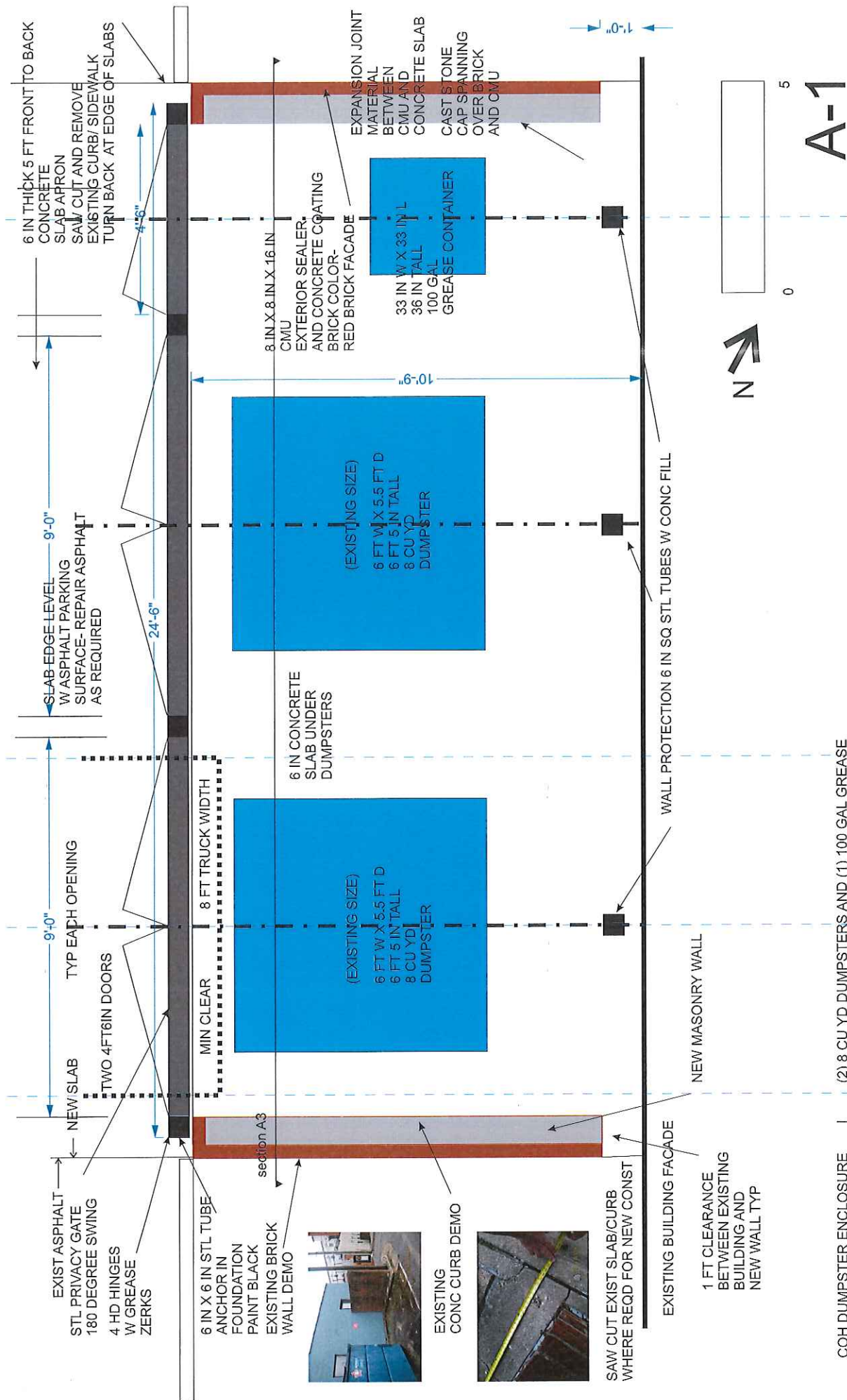
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PROJECT TWO SITE

PROJECT ONE SITE

AREA MAP





EXIST ASPHALT
STL PRIVACY GATE
180 DEGREE SWING
4 HD HINGES
W GREASE
ZERKS

NEW SLAB
TWO 4 FT 6 IN DOORS
MIN CLEAR
8 FT TRUCK WIDTH

SLAB EDGE LEVEL
W ASPHALT PARKING
SURFACE- REPAIR ASPHALT
AS REQUIRED

6 IN THICK 5 FT FRONT TO BACK
CONCRETE
SLAB APRON
SAW CUT AND REMOVE
EXISTING CURB/ SIDEWALK
TURN BACK AT EDGE OF SLABS

6 IN X 6 IN STL TUBE
ANCHOR IN
FOUNDATION
PAINT BLACK
EXISTING BRICK
WALL DEMO

8 IN X 8 IN X 16 IN
CMU
EXTERIOR SEALER
AND CONCRETE COATING
BRICK COLOR-
RED BRICK FACADE

EXPANSION JOINT
MATERIAL
BETWEEN
CMU AND
CONCRETE SLAB
CAST STONE
CAP SPANNING
OVER BRICK
AND CMU

6 IN CONCRETE
SLAB UNDER
DUMPSTERS

(EXISTING SIZE)
6 FT W X 5.5 FT D
6 FT 5 IN TALL
8 CU YD
DUMPSTER

(EXISTING SIZE)
6 FT W X 5.5 FT D
6 FT 5 IN TALL
8 CU YD
DUMPSTER

33 IN W X 33 IN L
36 IN TALL
100 GAL
GREASE CONTAINER

NEW MASONRY WALL

EXISTING BUILDING FACADE

WALL PROTECTION 6 IN SQ STL TUBES W CONC FILL

1 FT CLEARANCE
BETWEEN EXISTING
BUILDING AND
NEW WALL TYP

EXISTING CONC CURB DEMO

SAW CUT EXIST SLAB/CURB
WHERE REQD FOR NEW CONST

COH DUMPSTER ENCLOSURE

PLAN AT BUILDING

SEPARATE DOORS FOR EACH DUMPSTER- BASED ON 8 FT WIDE TRASH TRUCK DIMENSION

(2) 8 CU YD DUMPSTERS AND (1) 100 GAL GREASE

1.2021JPLAIA

A-1

0 5

N

1'-0"

1.2021JPLAIA



EXISTING CONC CURB DEMO

NEW MASONRY WALL

1 FT CLEARANCE BETWEEN EXISTING BUILDING AND NEW WALL TYP

SAW CUT EXIST SLAB/CURB WHERE REQD FOR NEW CONST

WALL PROTECTION 6 IN SQ STL TUBES W CONC FILL

EXISTING BUILDING FACADE

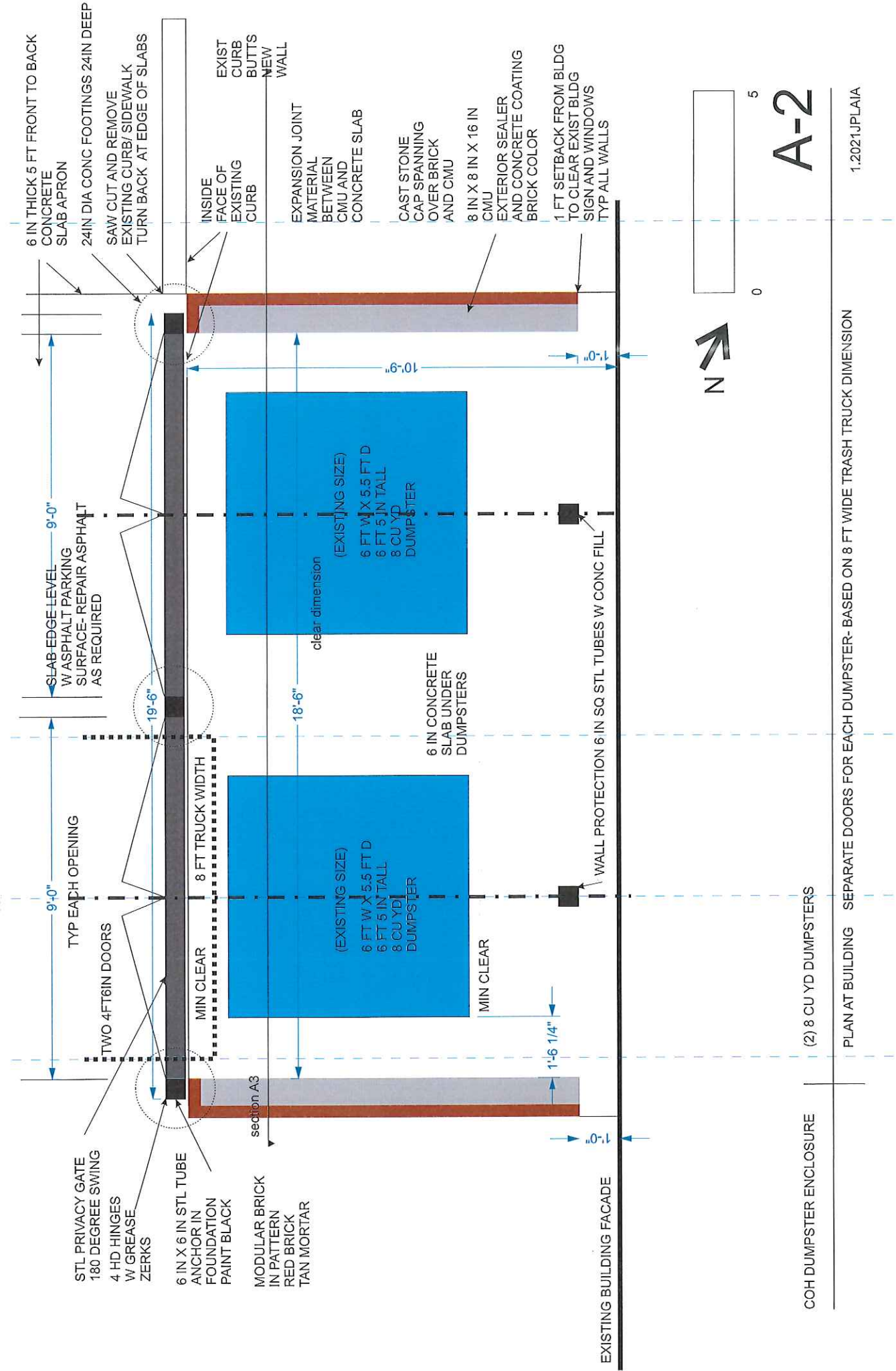
1 FT CLEARANCE BETWEEN EXISTING BUILDING AND NEW WALL TYP

COH DUMPSTER ENCLOSURE

PLAN AT BUILDING SEPARATE DOORS FOR EACH DUMPSTER- BASED ON 8 FT WIDE TRASH TRUCK DIMENSION

(2) 8 CU YD DUMPSTERS AND (1) 100 GAL GREASE

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6 IN THICK 5 FT FRONT TO BACK CONCRETE SLAB APRON
 24 IN DIA CONC FOOTINGS 24 IN DEEP
 SAW CUT AND REMOVE EXISTING CURB/SIDEWALK TURN BACK AT EDGE OF SLABS

SLAB EDGE LEVEL W ASPHALT PARKING SURFACE- REPAIR ASPHALT AS REQUIRED
 9'-0"
 TYP EACH OPENING
 TWO 4 FT 6 IN DOORS
 19'-6"

MIN CLEAR
 8 FT TRUCK WIDTH
 18'-6"
 clear dimension
 (EXISTING SIZE)
 6 FT W X 5.5 FT D
 6 FT 5 IN TALL
 8 CU YD DUMPSTER

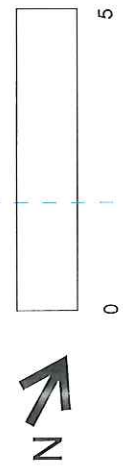
MIN CLEAR
 1'-6 1/4"
 6 IN CONCRETE SLAB UNDER DUMPSTERS
 WALL PROTECTION 6 IN SQ STL TUBES W CONC FILL

EXIST CURB BUTTS NEW WALL
 INSIDE FACE OF EXISTING CURB
 EXPANSION JOINT MATERIAL BETWEEN CMU AND CONCRETE SLAB

CAST STONE CAP SPANNING OVER BRICK AND CMU
 8 IN X 8 IN X 16 IN CMU
 EXTERIOR SEALER AND CONCRETE COATING BRICK COLOR

1'-0"
 1'-0"

STL PRIVACY GATE 180 DEGREE SWING
 4 HD HINGES W GREASE ZERKS
 6 IN X 6 IN STL TUBE ANCHOR IN FOUNDATION PAINT BLACK
 MODULAR BRICK IN PATTERN RED BRICK TAN MORTAR



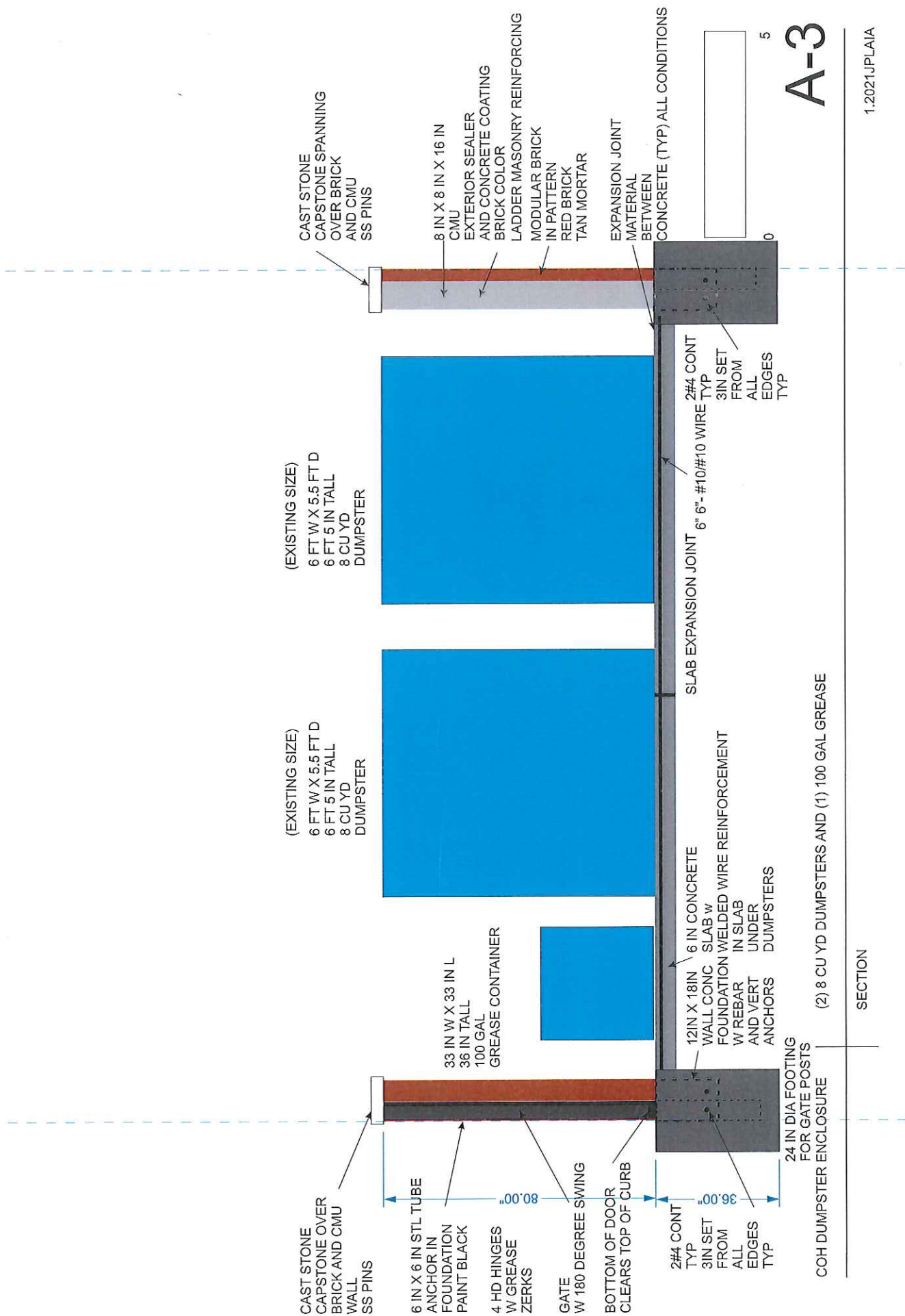
A-2

COH DUMPSTER ENCLOSURE

(2) 8 CU YD DUMPSTERS

PLAN AT BUILDING SEPARATE DOORS FOR EACH DUMPSTER- BASED ON 8 FT WIDE TRASH TRUCK DIMENSION

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A-3

1.2021JPLAIA

SECTION

COH DUMPSTER ENCLOSURE (2) 8 CU YD DUMPSTERS AND (1) 100 GAL GREASE

2#4 CONT TYP 3IN SET FROM ALL EDGES TYP

2#4 CONT TYP 3IN SET FROM ALL EDGES TYP

6" 6"- #10/#10 WIRE TYP

6 IN CONCRETE SLAB W FOUNDATION WELDED WIRE REINFORCEMENT W REBAR IN SLAB AND VERT UNDER DUMPSTERS

24 IN DIA FOOTING FOR GATE POSTS

EXPANSION JOINT MATERIAL BETWEEN CONCRETE (TYP) ALL CONDITIONS

CAST STONE CAPSTONE SPANNING OVER BRICK AND CMU WALL SS PINS

8 IN X 8 IN X 16 IN CMU EXTERIOR SEALER AND CONCRETE COATING BRICK COLOR LADDER MASONRY REINFORCING MODULAR BRICK IN PATTERN RED BRICK TAN MORTAR

(EXISTING SIZE) 6 FT W X 5.5 FT D 6 FT 5 IN TALL 8 CU YD DUMPSTER

(EXISTING SIZE) 6 FT W X 5.5 FT D 6 FT 5 IN TALL 8 CU YD DUMPSTER

33 IN W X 33 IN L 36 IN TALL 100 GAL GREASE CONTAINER

6 IN X 6 IN STL TUBE ANCHOR IN FOUNDATION PAINT BLACK

4 HD HINGES W GREASE ZERKS

GATE W 180 DEGREE SWING

BOTTOM OF DOOR CLEARS TOP OF CURB

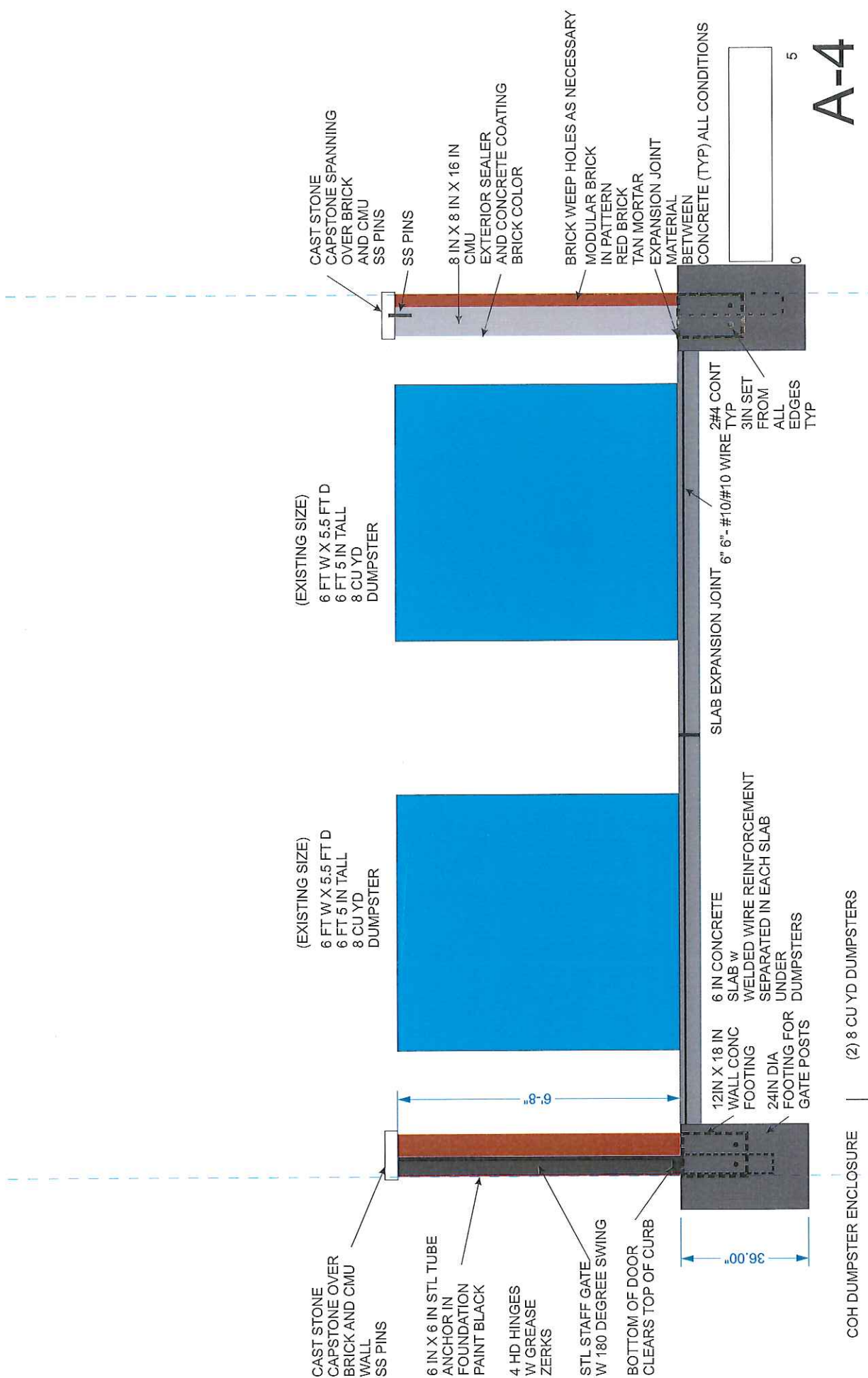
2#4 CONT TYP 3IN SET FROM ALL EDGES TYP

36.00

80.00

5

0



COH DUMPSTER ENCLOSURE

(2) 8 CU YD DUMPSTERS

SECTION

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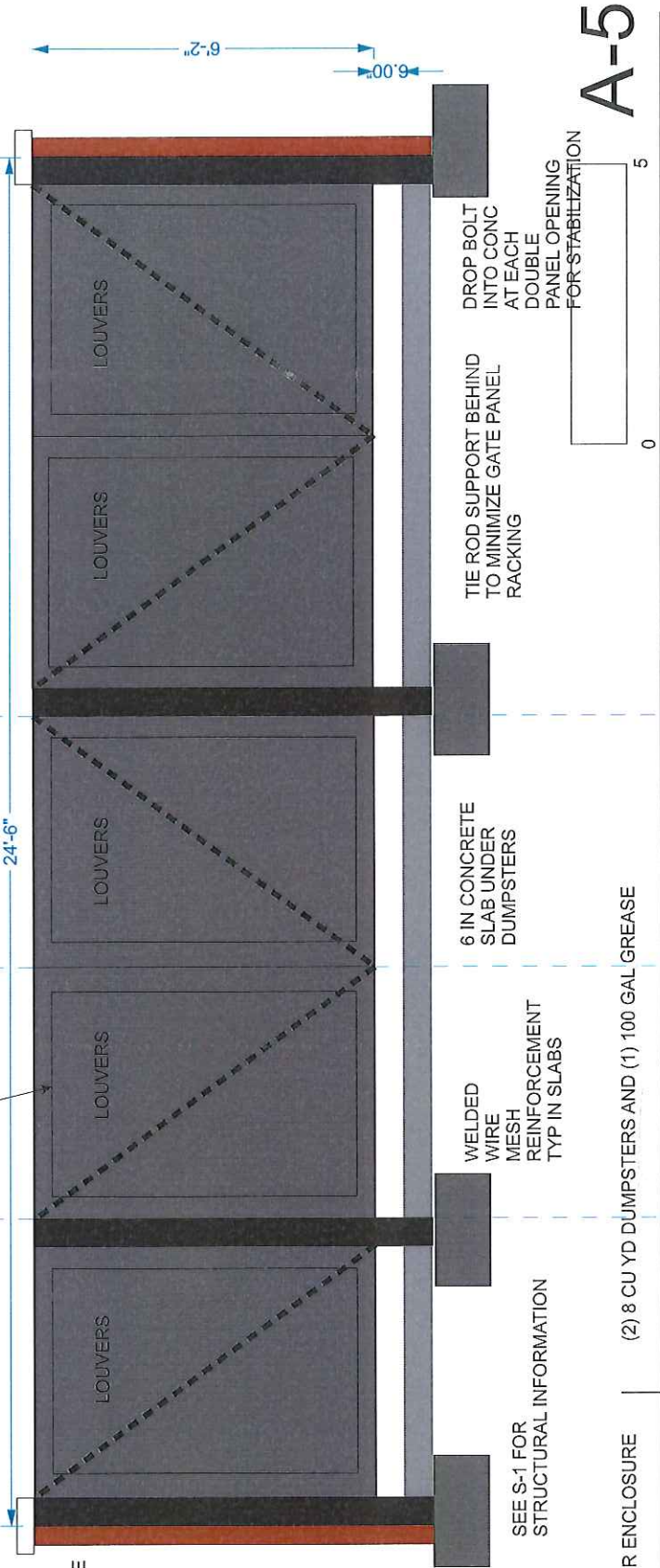
A-4

5



alum louver gate example installed in front of wall

- CAST STONE CAP SPANNING OVER BRICK AND CMU (TYP)
- 8 IN X 8 IN X 16 IN CMU
- EXTERIOR SEALER AND CONCRETE COATING BRICK COLOR
- MODULAR BRICK IN PATTERN
- RED BRICK TAN MORTAR
- EXPANSION JOINT MATERIAL BETWEEN CONCRETE
- 9 FT COMPARTMENT WIDTH TO ACCOMMODATE 8 FT WIDE TRUCK
- (EXISTING SIZE) 6 FT W X 5.5 FT L 6 FT 5 IN TALL 8 CU YD DUMPSTER BEHIND
- LATCH BETWEEN GATE PANELS W HOLE FOR PADLOCK
- PAINTED ALUM 180 DEGREE SWING SCREEN GATES
- ALUM PERSON GATE W 180 DEGREE SWING- ACCESS TO GREASE UNIT



- 6 IN X 6 IN STL TUBE ANCHOR IN FOUNDATION PAINT BLACK
- 4 HD HINGES W GREASE ZERKS PER GATE PANEL

- SEE S-1 FOR STRUCTURAL INFORMATION
- WELDED WIRE MESH REINFORCEMENT TYP IN SLABS
- 6 IN CONCRETE SLAB UNDER DUMPSTERS
- TIE ROD SUPPORT BEHIND TO MINIMIZE GATE PANEL RACKING
- DROP BOLT INTO CONC AT EACH DOUBLE PANEL OPENING FOR STABILIZATION

A-5

COH DUMPSTER ENCLOSURE (2) 8 CU YD DUMPSTERS AND (1) 100 GAL GREASE

FRONT ELEVATION



alum louver gate example installed in front of wall

CAST STONE
CAP SPANNING
OVER BRICK
AND CMU (TYP)
8 IN X 8 IN X 16 IN
CMU
EXTERIOR SEALER
AND CONCRETE COATING
BRICK COLOR

MODULAR BRICK
IN PATTERN
RED BRICK
TAN MORTAR

EXPANSION JOINT
MATERIAL
BETWEEN
CONCRETE

(EXISTING SIZE)
6 FT W X 5.5 FT L
6 FT 5 IN TALL
8 CU YD
DUMPSTER BEHIND

LATCH BETWEEN
GATE PANELS
W HOLE FOR
PADLOCK

PAINTED
ALUM
180 DEGREE SWING
SCREEN GATES

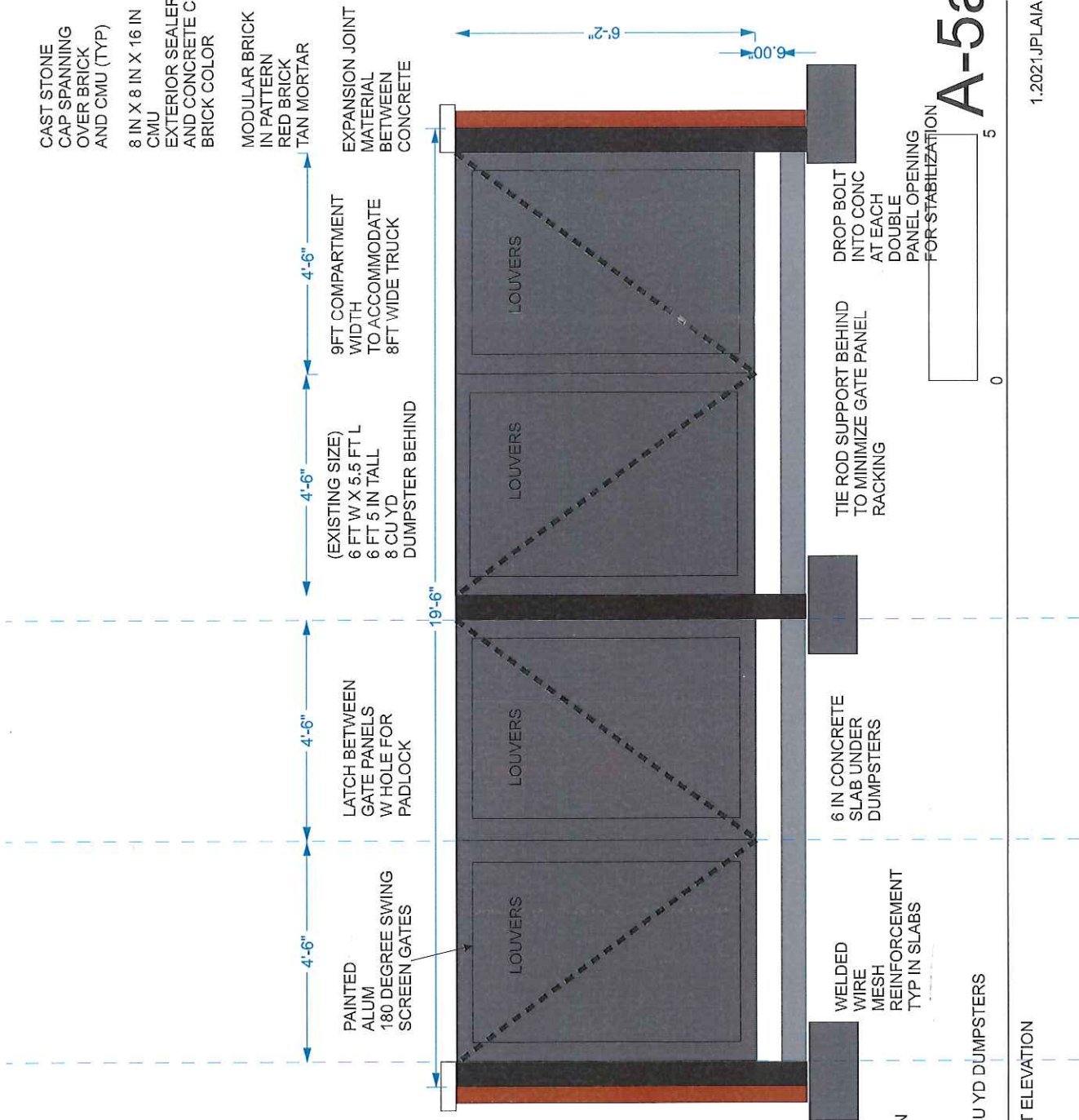
6 IN X 6 IN STL TUBE
ANCHOR IN
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PAINT BLACK
4 HD HINGES
W GREASE
ZERKS
PER GATE PANEL

SEE S-1 FOR
STRUCTURAL INFORMATION

COH DUMPSTER ENCLOSURE

(2) 8 CU YD DUMPSTERS

FRONT ELEVATION



A-5a

1.2021JPLAIA

TREE AND TREE GRATE TO BE REMOVED AND RELOCATED- SUBSTRATE BASE LAYER AND BRICK PAVERS INSERTED IN THE SAME LOCATION



EXISTING DECORATIVE LIGHT POLE TO BE RELOCATED
EXISTING BRICK PAVERS STORED AND REUSED
IN RECONFIGURATION AREA



CAST STONE
CONTINUOUS ON
TOP OF MASONRY
ENCLOSURE
STAINLESS STEEL
PINS ANCHORED IN
MASONRY WALL



TYPICAL FACE BRICK ON WALLS OF ENCLOSURES
CMU INTERIORS PAINTED DARK GRAY
METAL DOORS PAINTED DARK GRAY
STRUCTURE PAINTED DARK GRAY

COH DUMPSTER ENCLOSURE

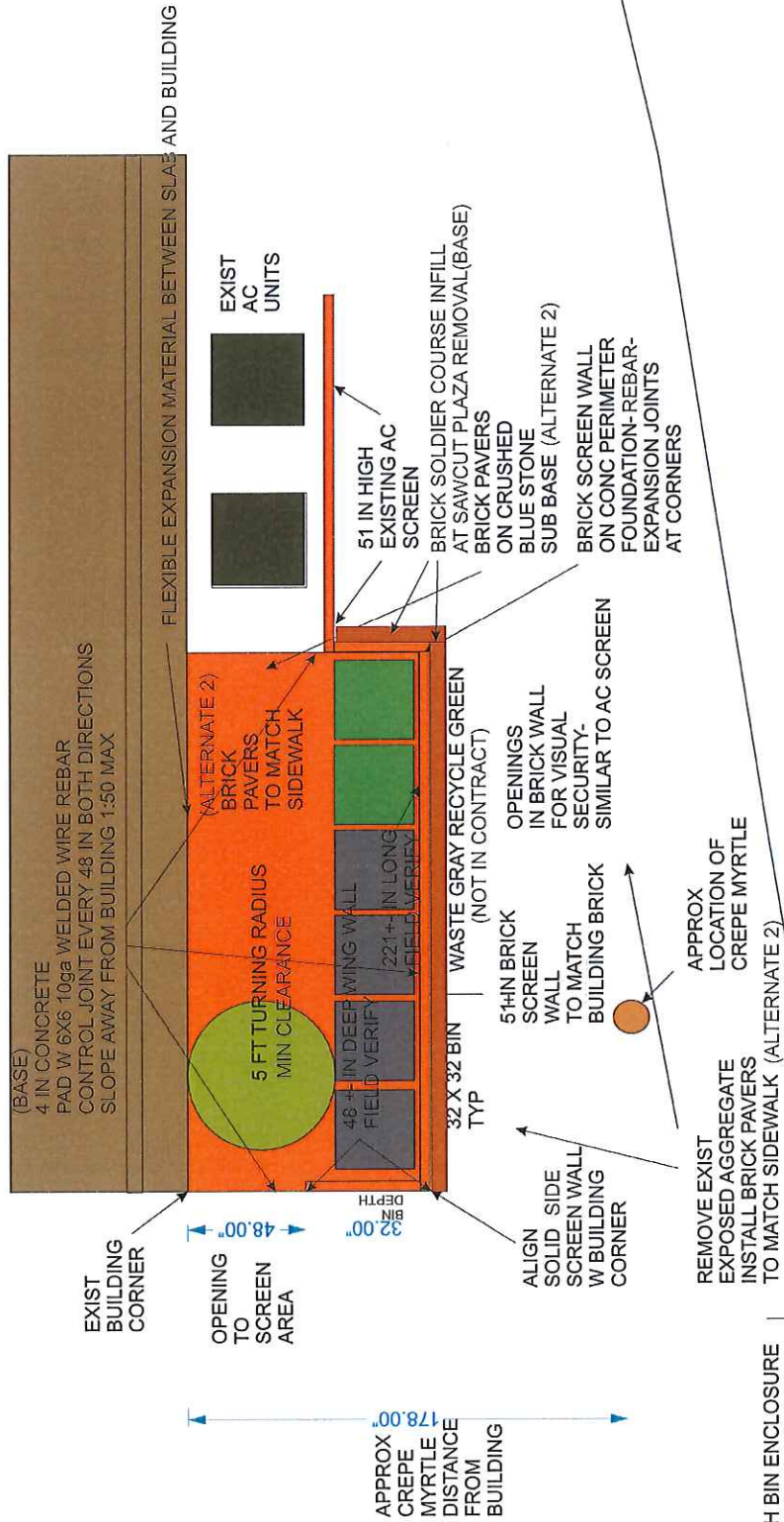
MATERIALS

DETAILS

A-6

1.2021JPLAIA

DEMOLITION:
 REMOVE ALL SHRUBS/ PLANTINGS ALONG BUILDING WALL
 REMOVE EXPOSED AGGREGATE PLAZA MATERIAL AS REQUIRED FOR INSTALLATION OF NEW STRUCTURE
 (ALT 2) REMOVE ALL EXPOSED AGGREGATE PLAZA MATERIAL TO LAY NEW BRICK PAVERS



COH BIN ENCLOSURE

PROJECT IWG

1/4 IN = 1 FT
 11X17 SHEET

AA-1

1.2021 JPLAIA



EXIST BUILDING

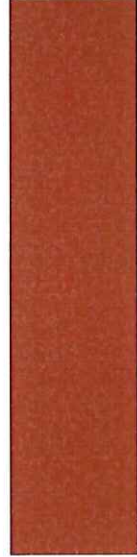
ACCESS OPENING

← 48.00" →



SOLID BRICK WING WALL NORTH ELEVATION

← 51.00" →



COORDINATE HEIGHT W BRICK COURSES

NEW BRICK SCREEN W OPENINGS TO MATCH EXIST WEST ELEVATION



EXIST SCREEN ELEVATION

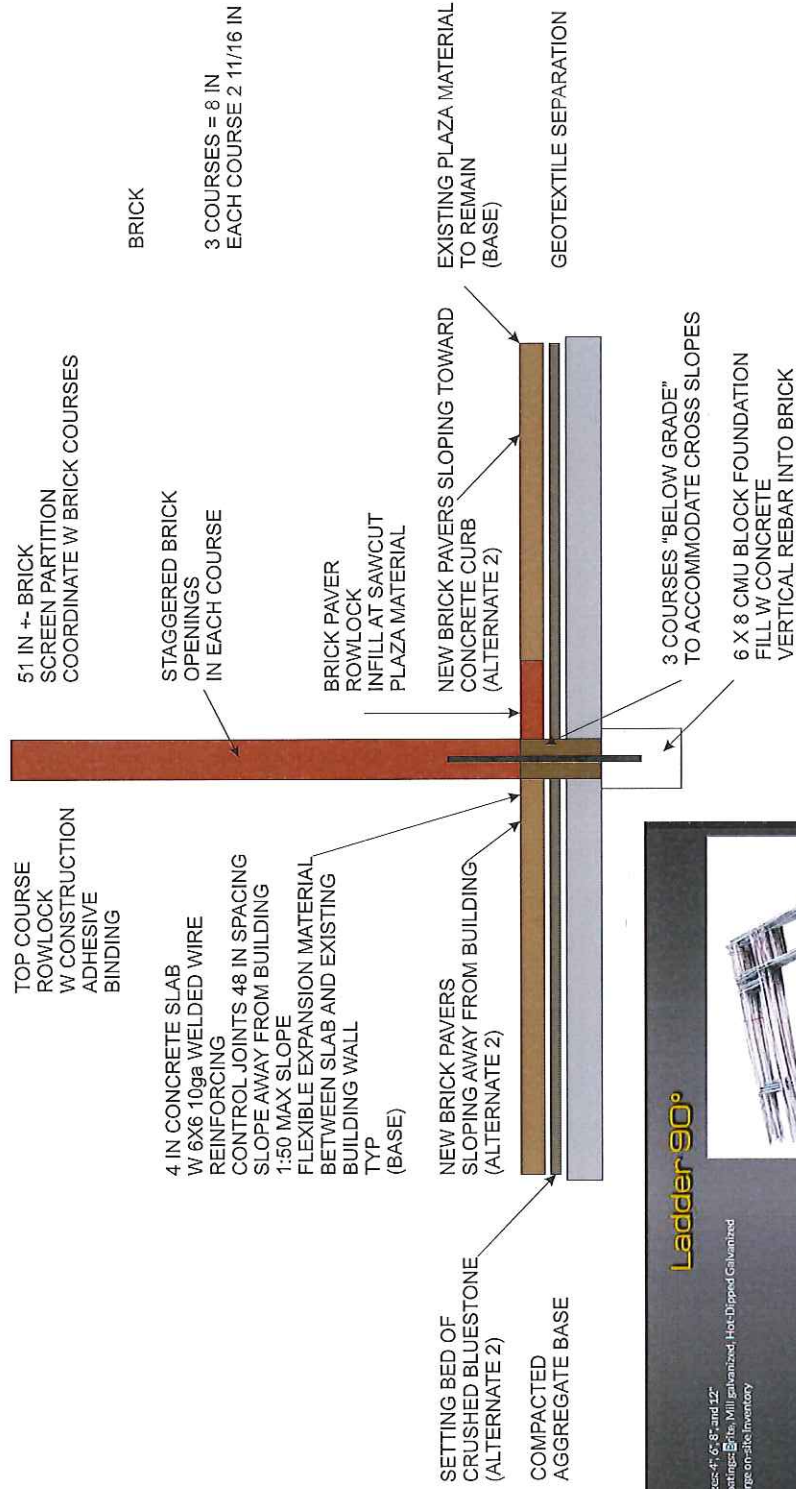


SOLID WALL SOUTH ELEVATION

1/4 IN = 1 FT
11X17 SHEET

AA-2

1.2021JPLAIA



Ladder 90°

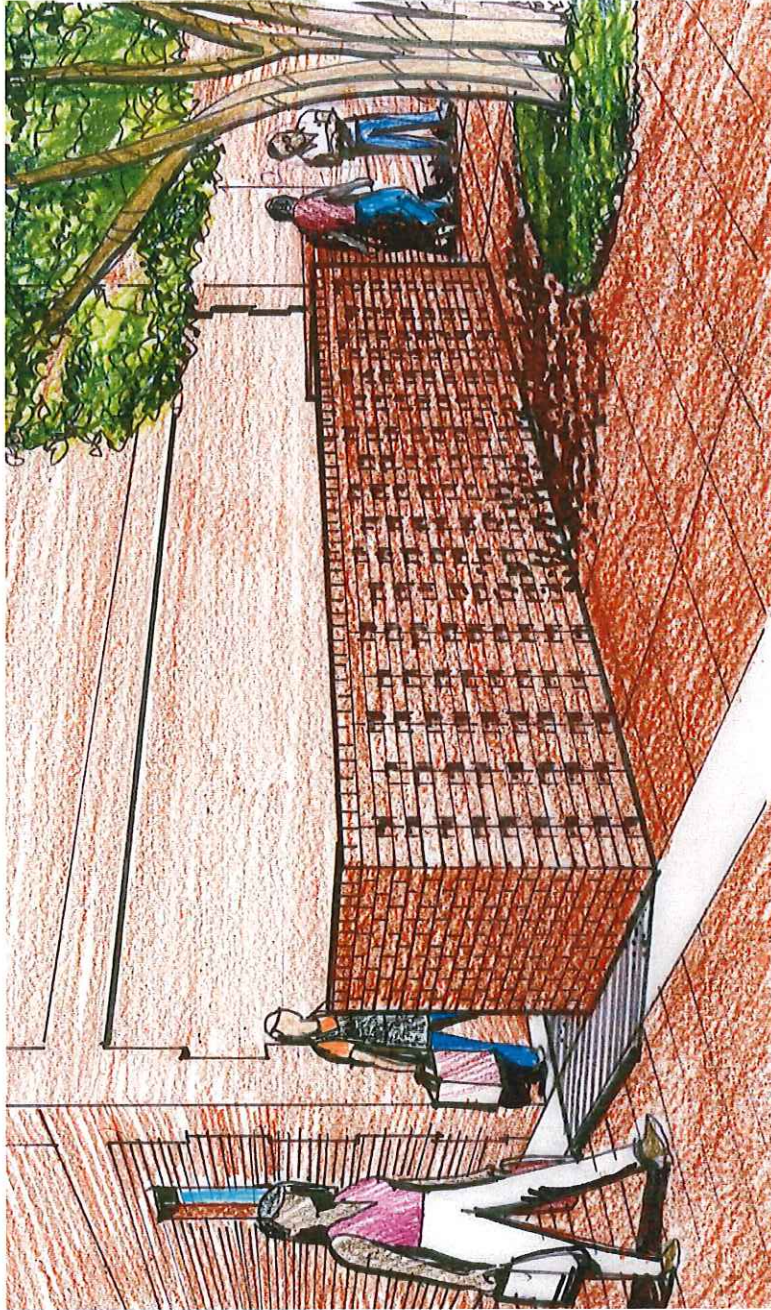
- Slabs: 4", 6", 8", and 12"
- Coatings: Epoxy, Mill Galvanized, Hot Dipped Galvanized
- Large on-site inventory

1 IN EQUALS 1 FT
11 X 17 SHEET
AA-3

COH BIN ENCLOSURE

SECTION

1.2021JPLAIA



NO SCALE
11 X 17 SHEET
AA-4

COH BIN ENCLOSURE

VIEW AT CORNER

1.2021.JP/LA/IA

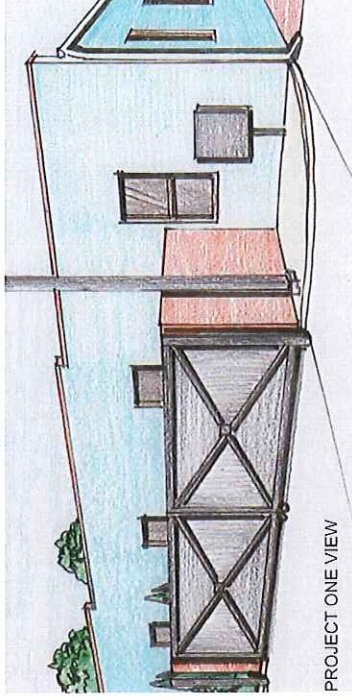


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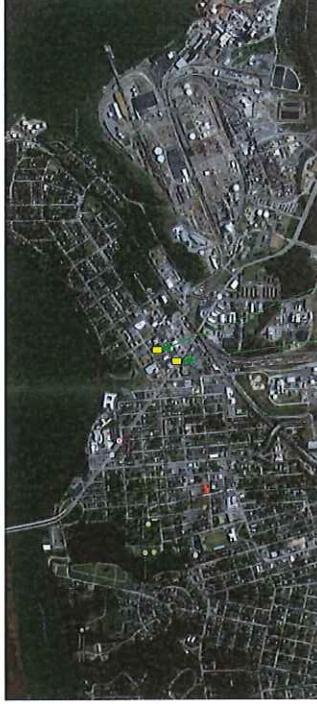
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PROJECT ONE VIEW



PROJECT TWO SITE

PROJECT ONE SITE

AREA MAP

