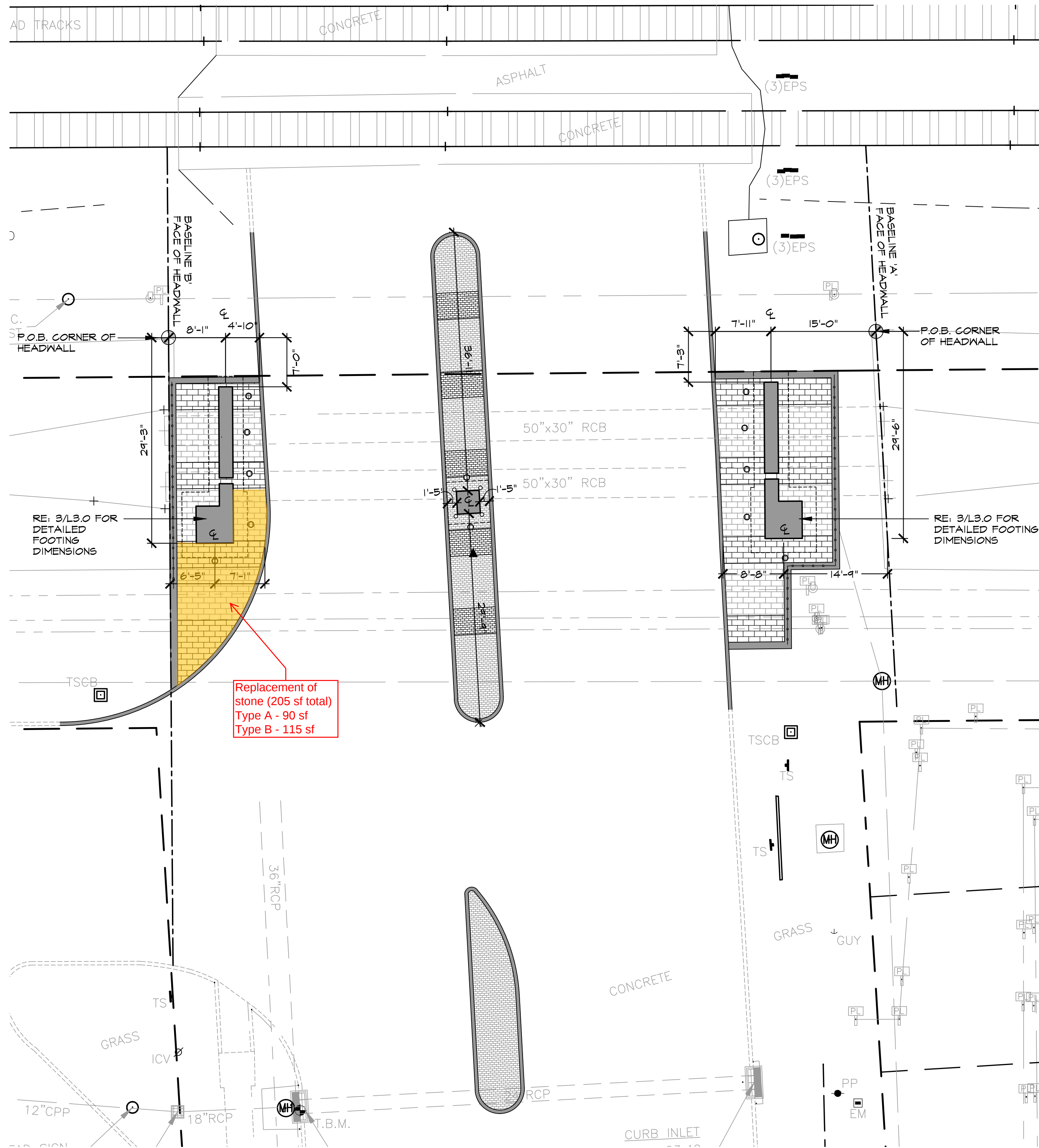
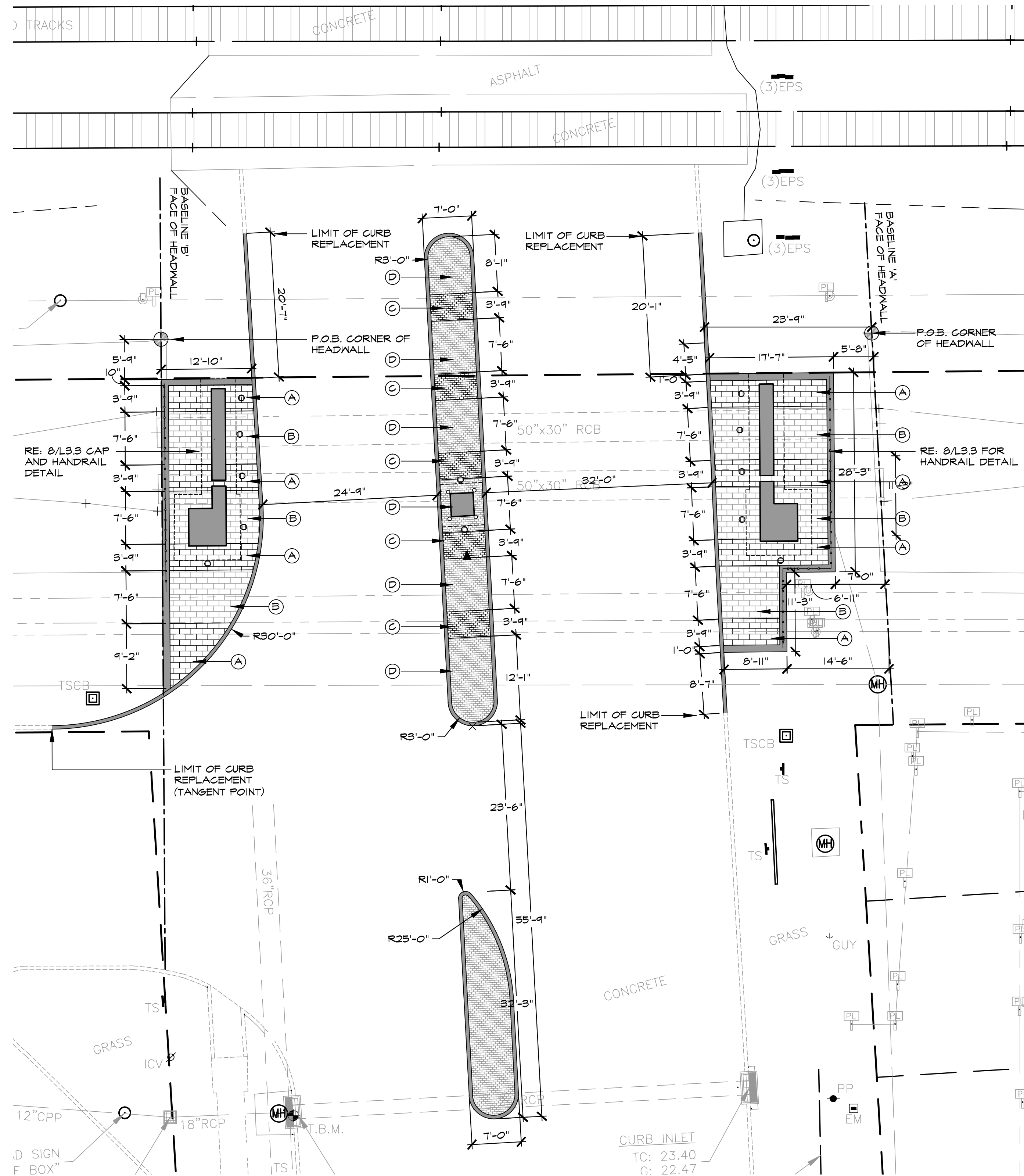


H:\Projects\13-16970 Deer Park Gateway\Graphics\6.514 Construction Documents\ISSUE FOR BID\L2.1 LAYOUT PLAN.dwg Plotted: Aug 26, 2014 - 4:11pm by jhansen



2 GATEWAY LAYOUT PLAN



1 PAVING LAYOUT PLAN

PAVING LEGEND

SYM	TYPE
A	4"x8" (80MM) CONCRETE UNIT PAVER, VERONA AS MFG'D BY PAVESTONE. COLOR 'A' - TO BE SELECTED BY OWNER
B	4"x8" (80MM) CONCRETE UNIT PAVER, VERONA AS MFG'D BY PAVESTONE. COLOR 'B' - TO BE SELECTED BY OWNER
C	4"x8" (80MM) CONCRETE UNIT PAVER, HOLLAND AS MFG'D BY PAVESTONE. COLOR 'A' - TO BE SELECTED BY OWNER
D	4"x8" (80MM) CONCRETE UNIT PAVER, HOLLAND AS MFG'D BY PAVESTONE. COLOR 'B' - TO BE SELECTED BY OWNER

Replacement of stone (205 sf total)
Type A - 90 sf
Type B - 115 sf



8588 KATY FREEWAY | SUITE 441
HOUSTON, TX 77063 | 713.463.8200

CONSULTANT TEAM:
LANDSCAPE ARCHITECT
KNUDSON LP
8588 KATY FREEWAY, STE. 441
HOUSTON, TX 77024

SURVEYOR
TOTAL SURVEYORS INC.
4301 CENTER STREET
DEER PARK, TX 77536

STRUCTURAL
PAUL ENGINEERING INC.
626 1/2 BARRINGER LN, SUITE A
WEBSTER, TX 77598

IRRIGATION
CPI IRRIGATION
31323 BEARING STAR
TOMBALL, TX 77375

ELECTRICAL
JORDAN & SKALA ENGINEERS
11231 RICHMOND AVE, SUITE, D104
HOUSTON, TX 77082

CIVIL
MIDTOWN ENGINEERS
5225 KATY FREEWAY, SUITE 400
HOUSTON, TX 77007

SEAL:



PROJECT:
DEER PARK GATEWAY

CLIENT:
CITY OF DEER PARK
710 E. SAN AUGUSTINE
DEER PARK, TX 77536

PACKAGE:

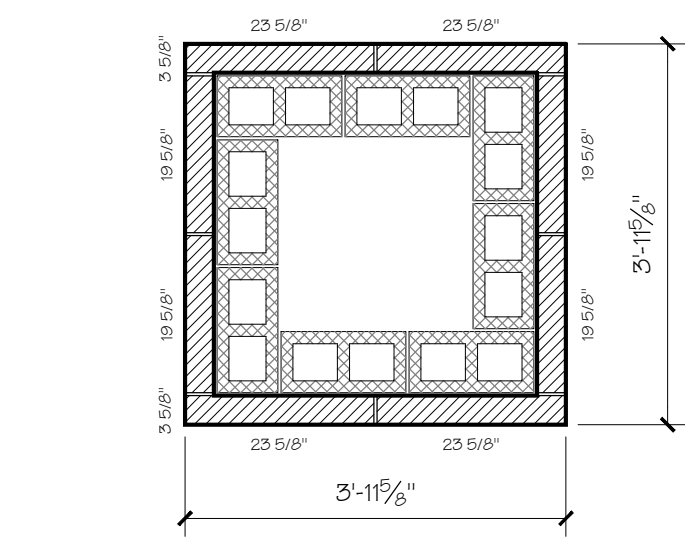
NO: 8/28/14 DATE: 8/28/14 DESCRIPTION: ISSUE FOR BID

PROJECT NO: 13-16970 DESIGN BY:
ISSUE DATE: AUGUST 28, 2014 DRAWN BY:
SCALE: AS NOTED REVIEWED BY:

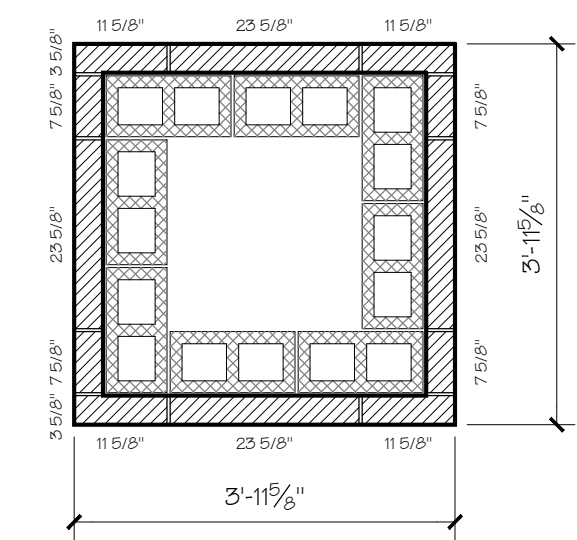
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LAYOUT PLAN

SHEET NUMBER

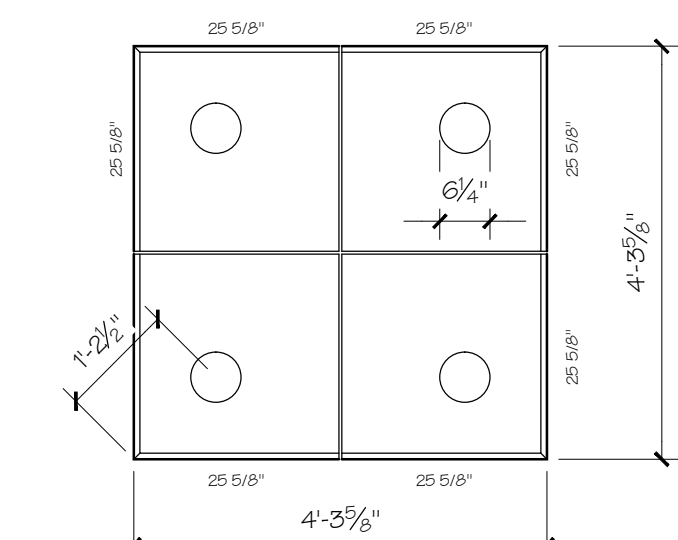
L2.1



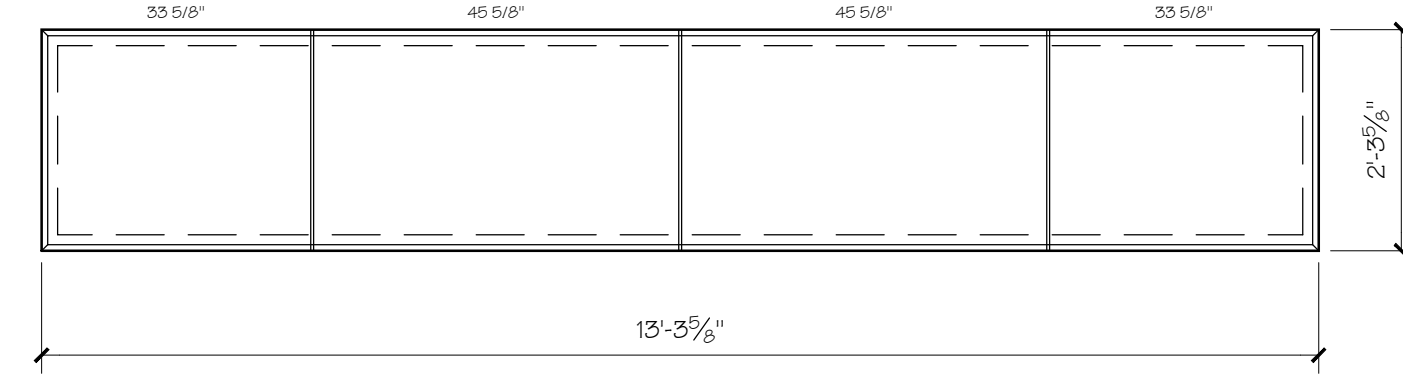
12 SECTION THRU COURSE PATTERN "E"
1/2" = 1'-0"



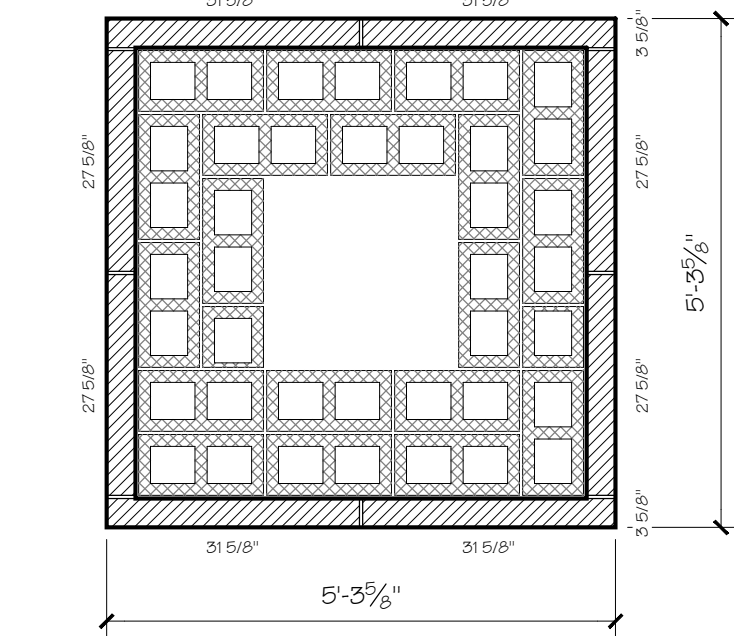
13 SECTION THRU COURSE PATTERN "F"
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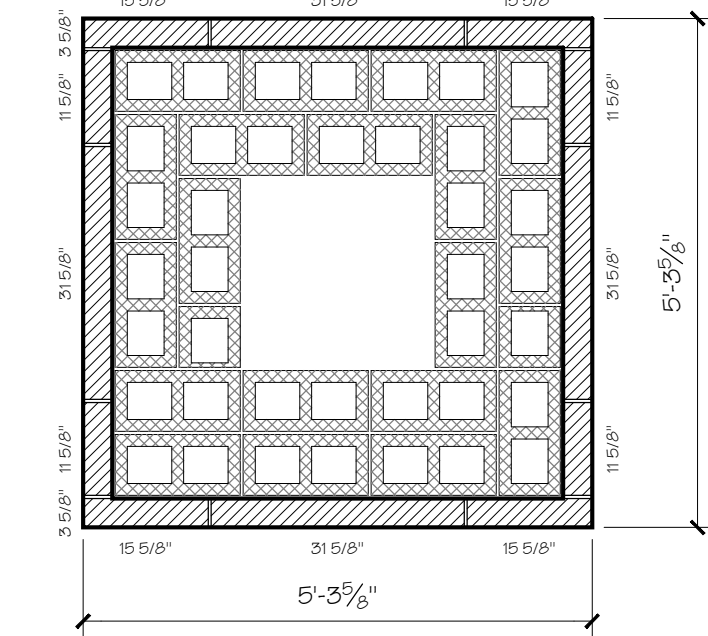
14 PLAN VIEW @ TOWER CAP
1/2" = 1'-0"



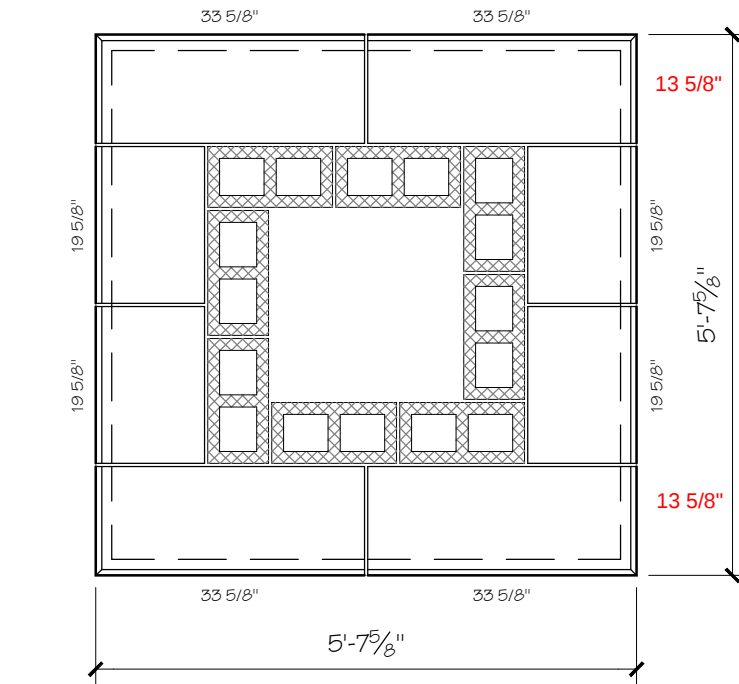
15 ELEVATION @ WALL
1/2" = 1'-0"



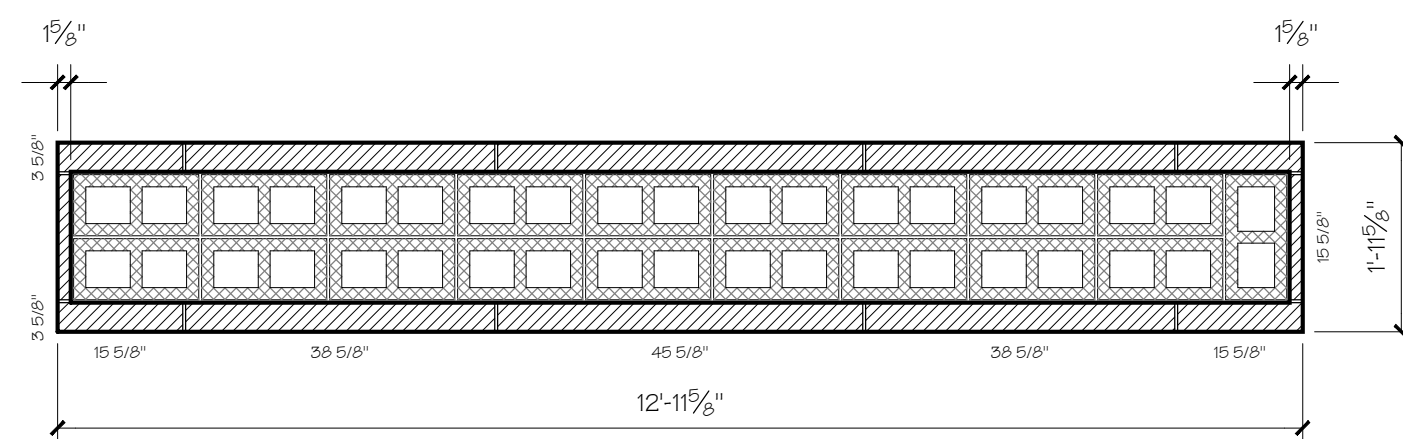
9 SECTION THRU COURSE PATTERN "C"
1/2" = 1'-0"



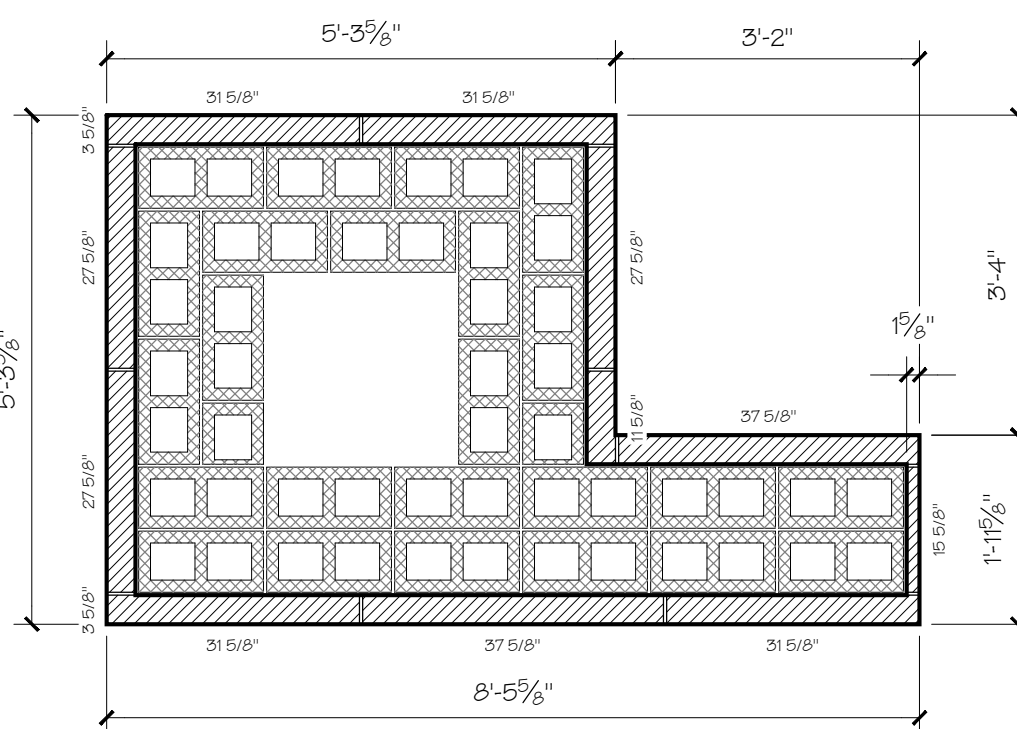
10 SECTION THRU COURSE PATTERN "D"
1/2" = 1'-0"



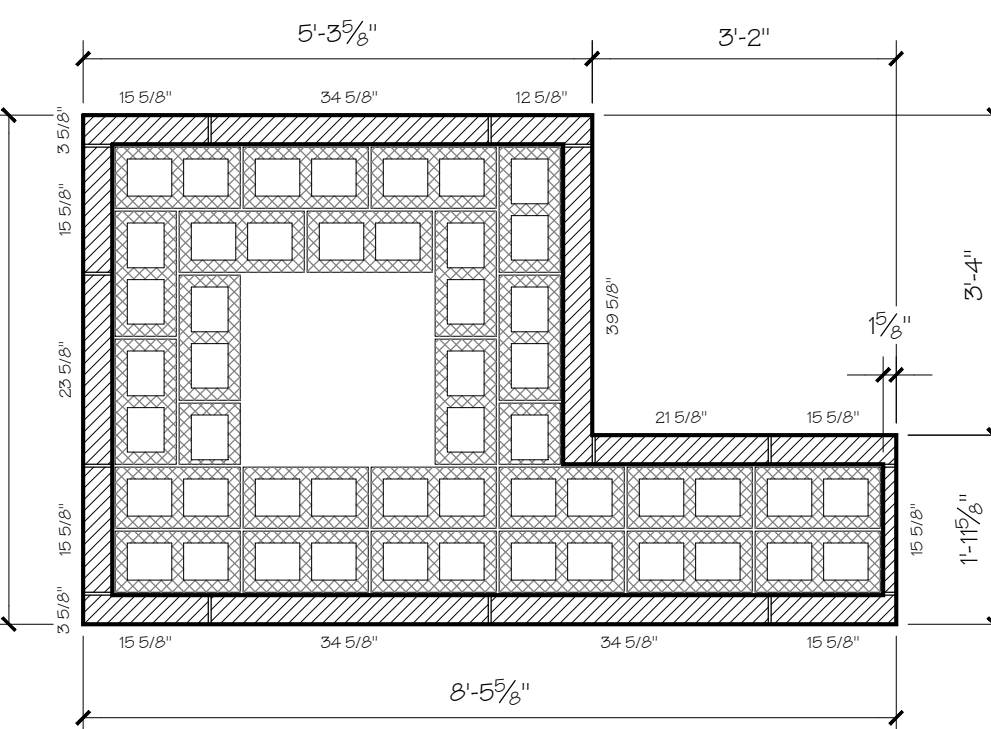
11 PLAN VIEW @ TOWER CAP
1/2" = 1'-0"



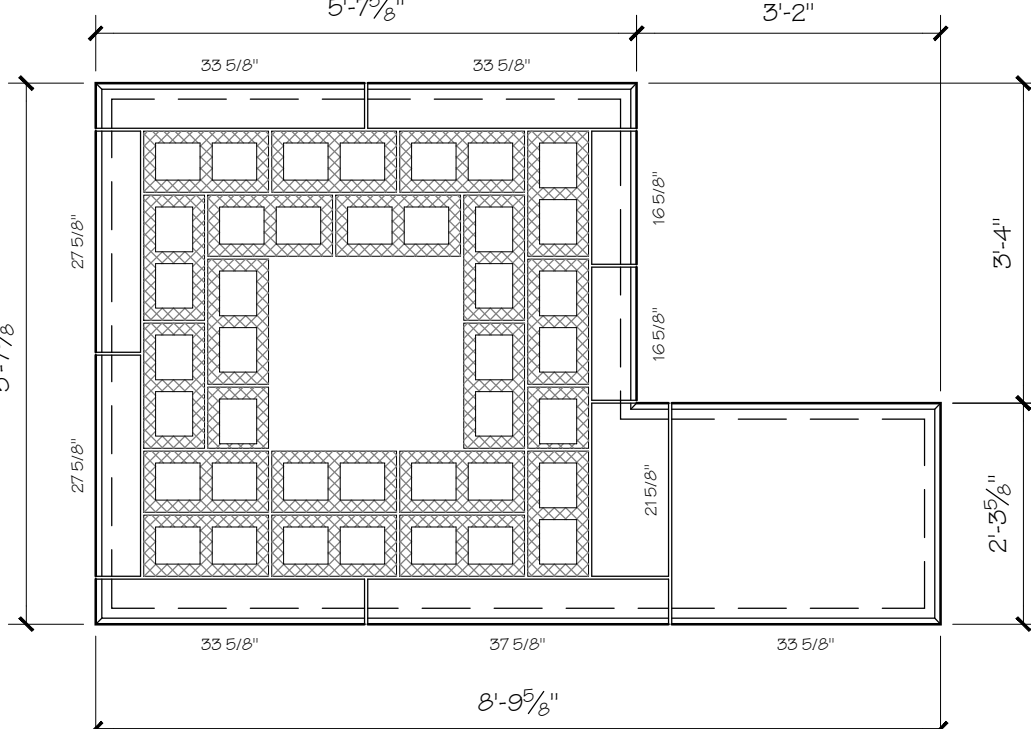
16 ELEVATION @ WALL
1/2" = 1'-0"



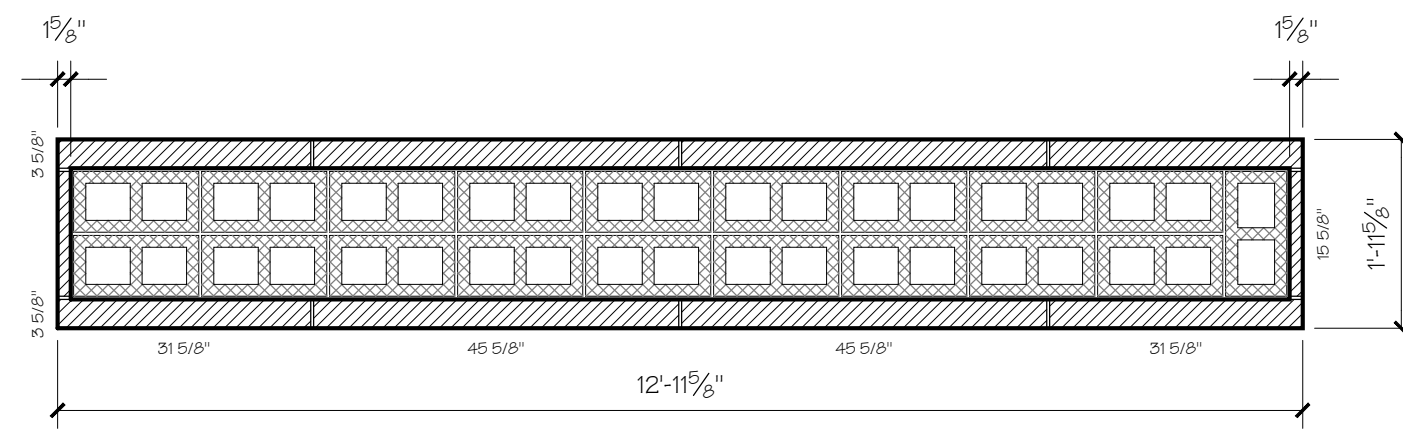
6 SECTION THRU COURSE PATTERN "A"
1/2" = 1'-0"



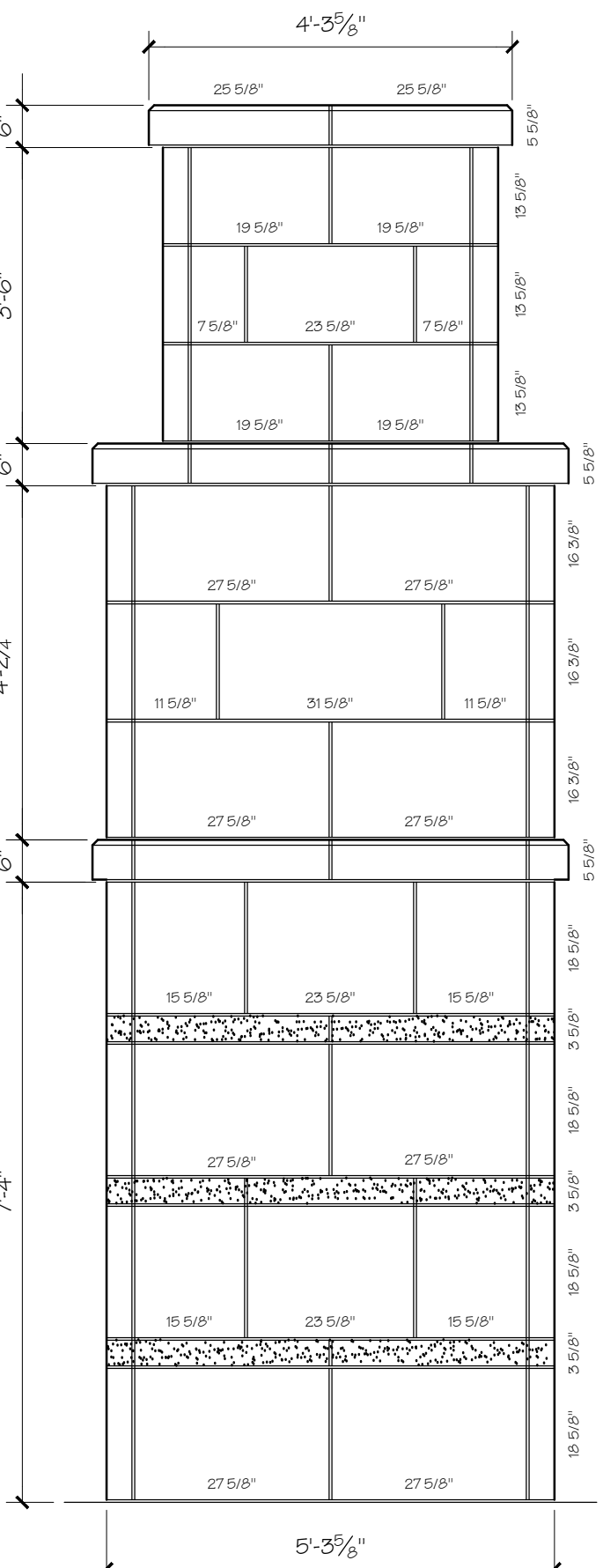
7 SECTION THRU COURSE PATTERN "B"
1/2" = 1'-0"



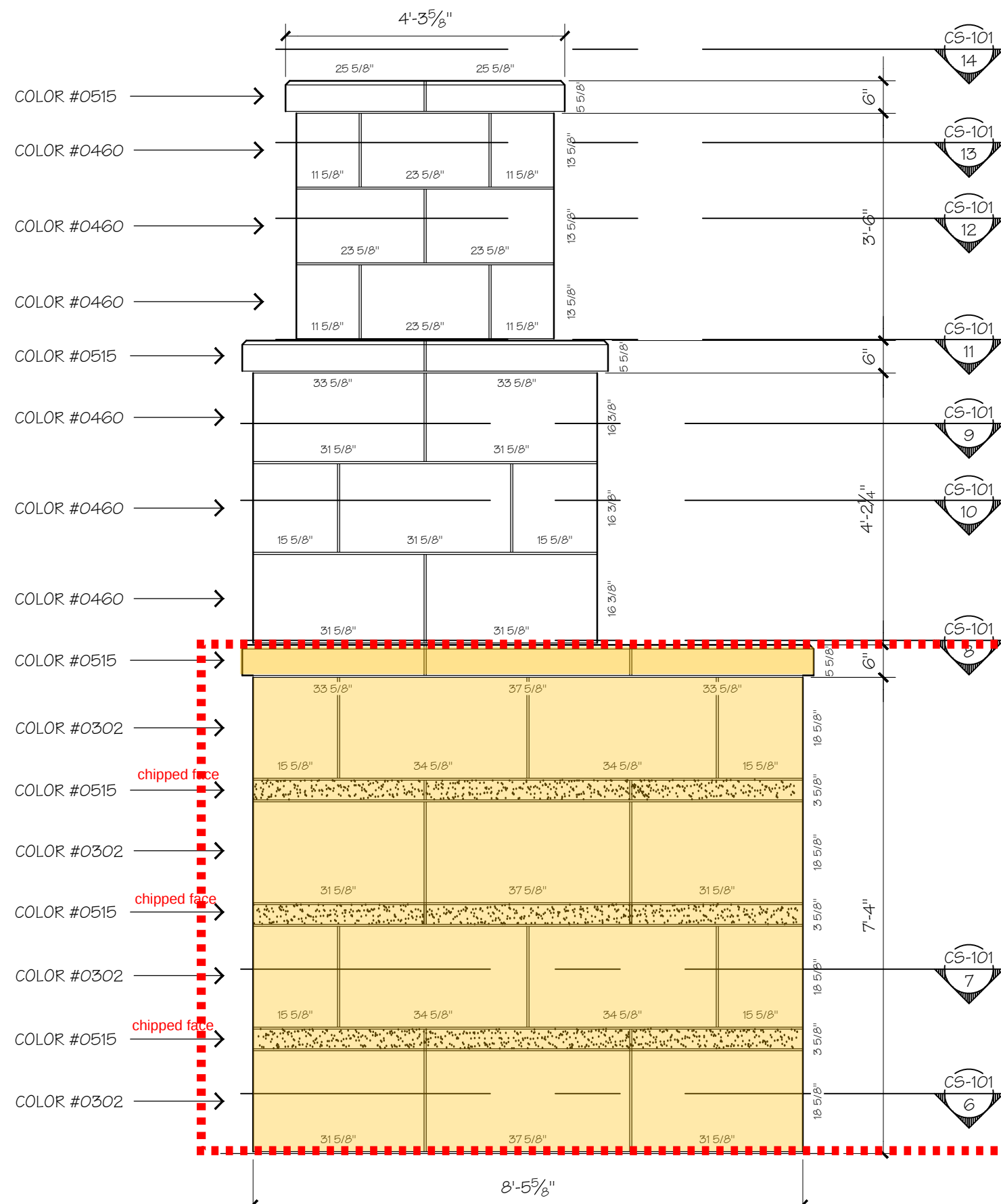
8 PLAN VIEW @ TOWER CAP
1/2" = 1'-0"



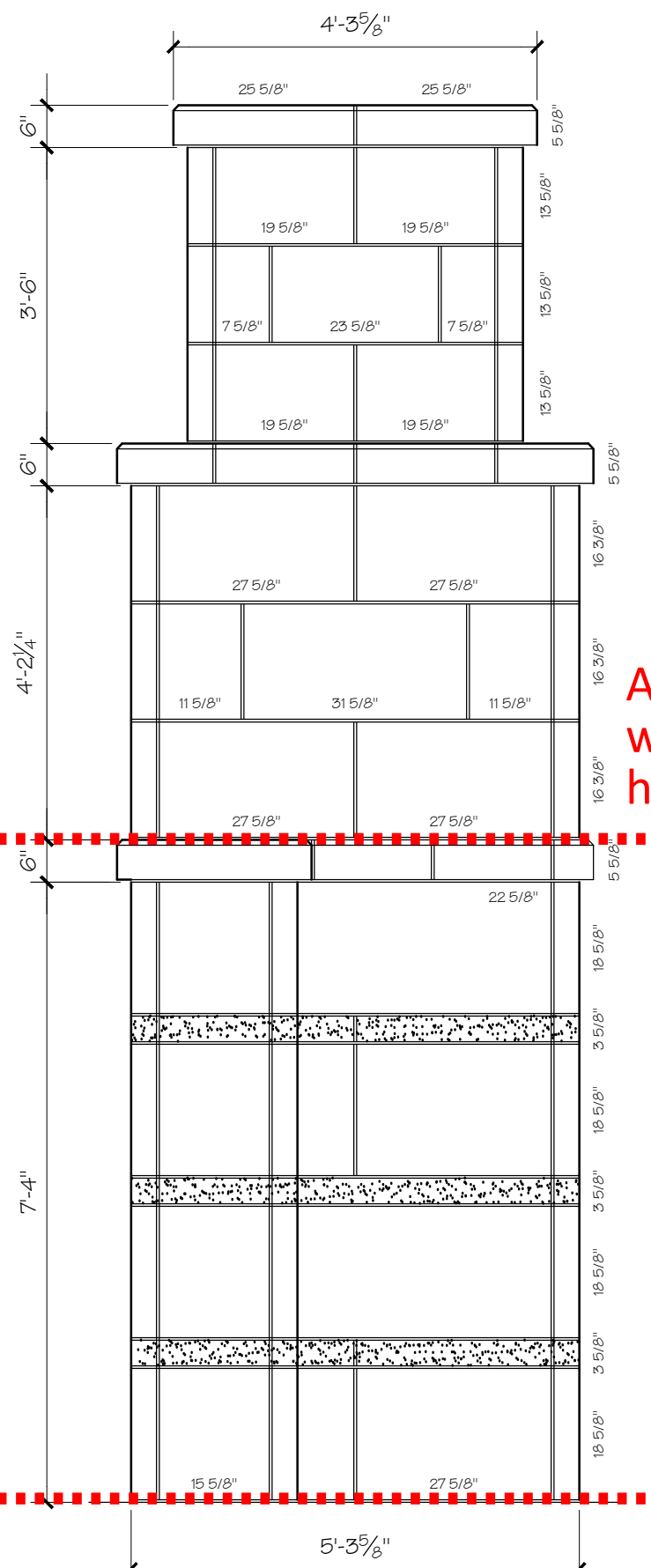
17 ELEVATION @ WALL
1/2" = 1'-0"



1 SIDE VIEW @ TOWER
1/2" = 1'-0"

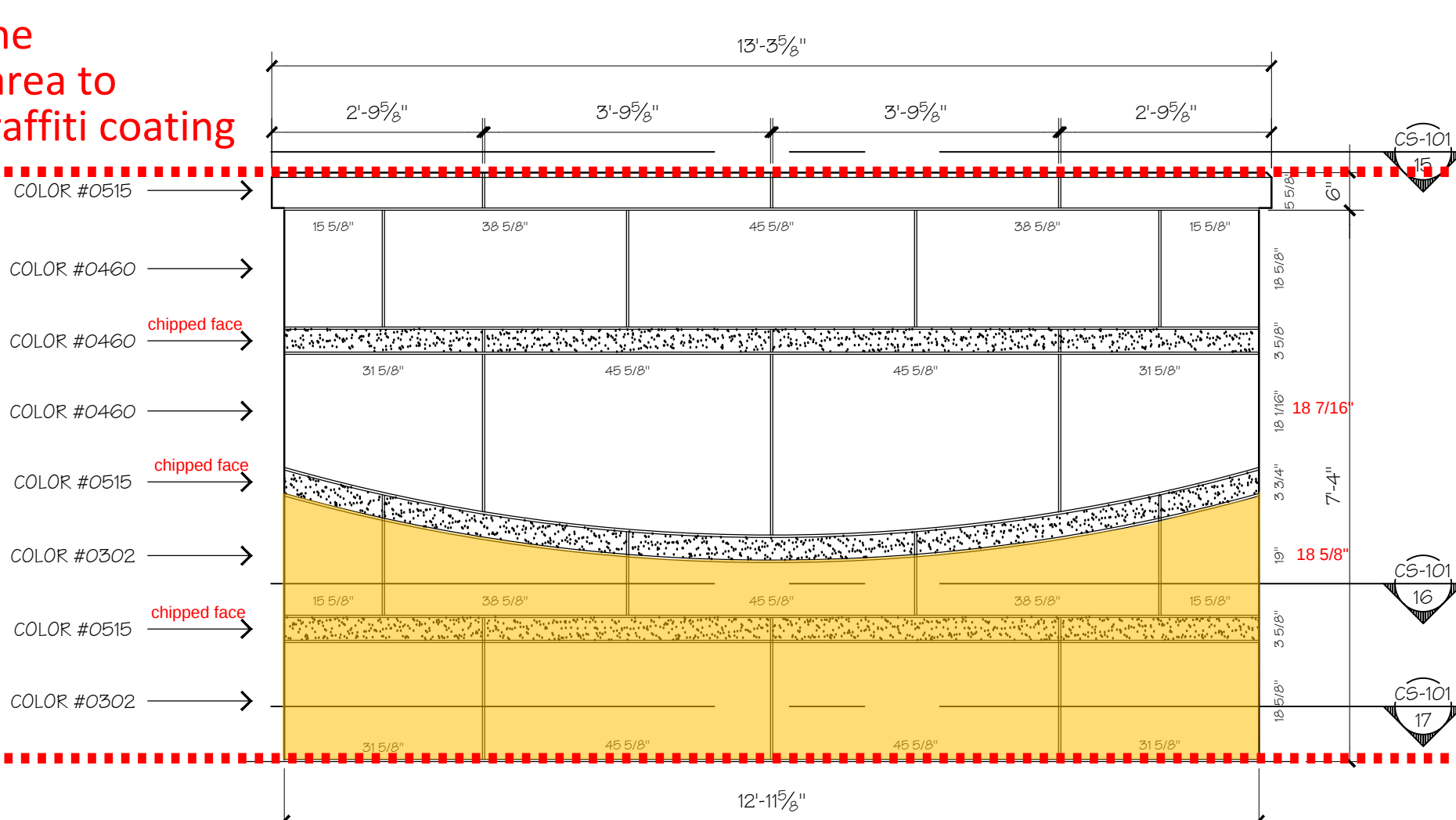


2 ELEVATION @ TOWER
1/2" = 1'-0"

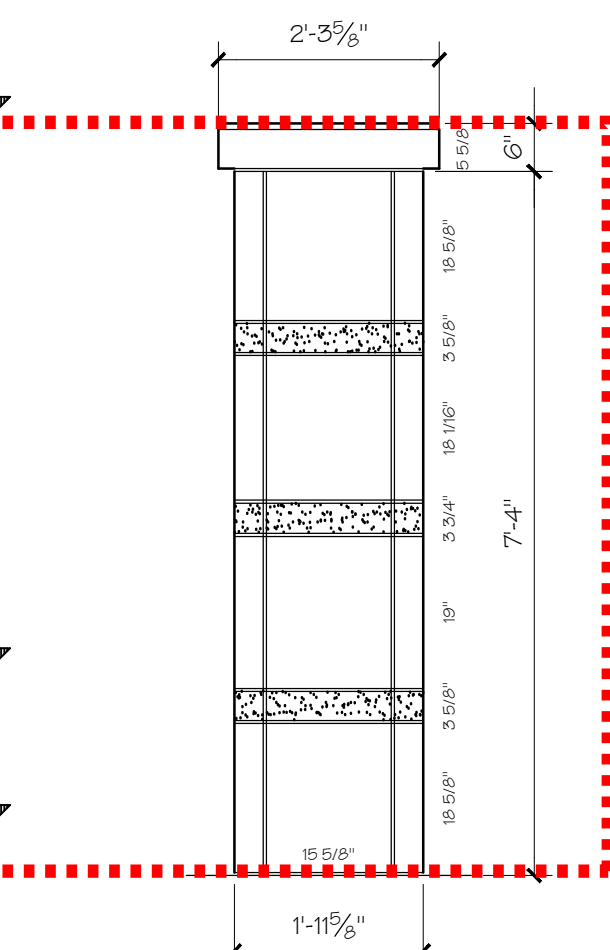


3 SIDE VIEW @ TOWER
1/2" = 1'-0"

All Cast Stone within this area to have anti-graffiti coating



4 ELEVATION @ WALL
1/2" = 1'-0"



5 SIDE VIEW @ WALL
1/2" = 1'-0"

CAST STONE SHEET NUMBER CS-101 OF: 2	PROJECT NAME : DEER PARK, TEXAS 77536	SHEET NAME : TOWER WALL & DETAILS	SCALE : AS NOTED PROJECT # : 8967 DRAWN BY : Michael Nguyen DATE : 01-02-14	REV. #	DESCRIPTION	DATE
				1.0	FOR REVIEW & APPROVAL	01-02-14

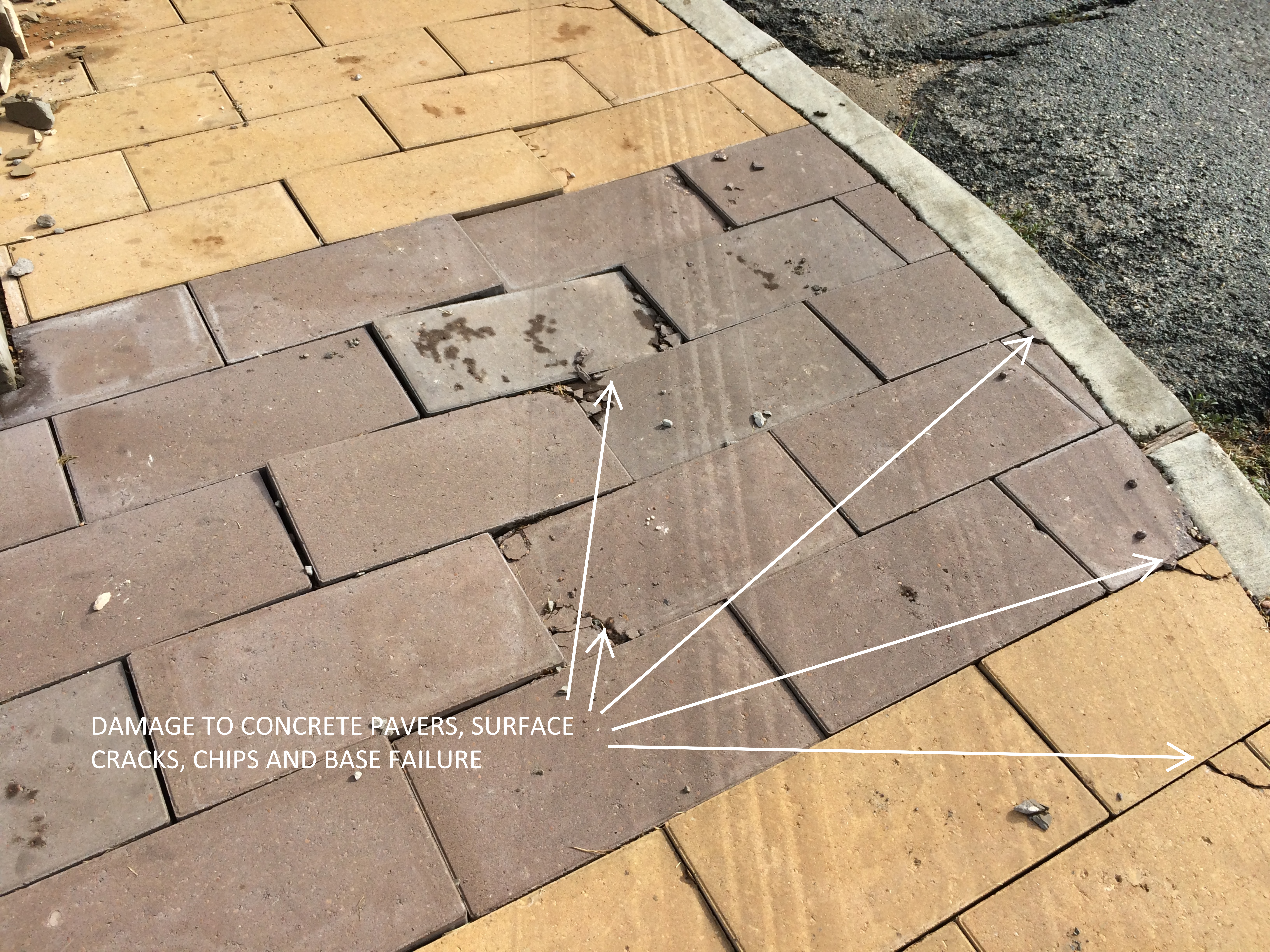
SITEWORKS
ARCHITECTURAL CAST STONE
383 W. CANINO - HOUSTON, TEXAS 77037
PHONE - (281) 381-1000, FAX - (281) 381-1044

APPROXIMATELY 20-25 PAVESTONE ARE
CHIPPED OR CRACKED. DAMAGE CAUSED
BY TRUCK TIRES

REPLACE CONCRETE
PAVERS FROM THIS
POINT FORWARD

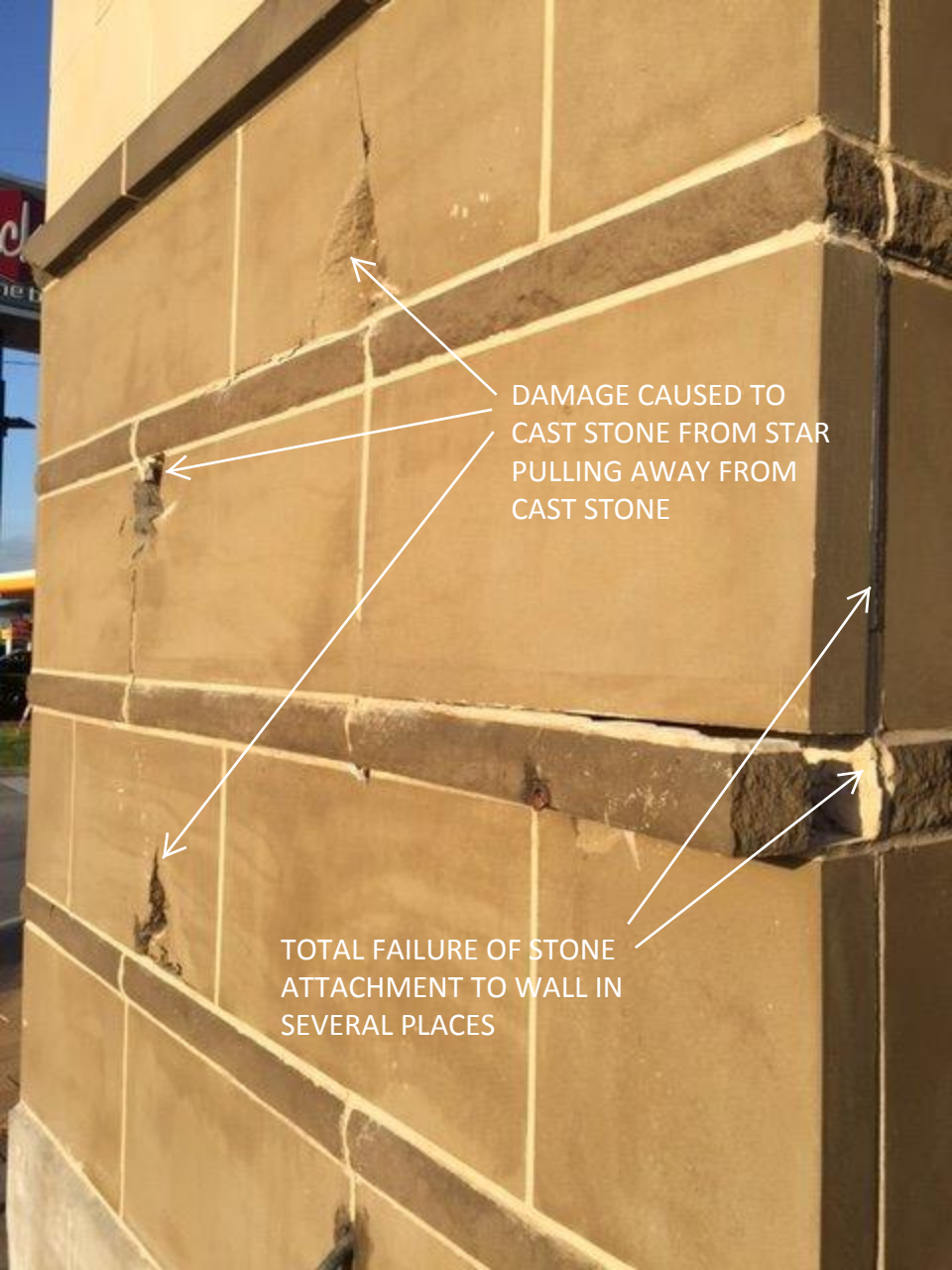


DAMAGE TO CONCRETE PAVERS, SURFACE
CRACKS, CHIPS AND BASE FAILURE



STAR MOUNTING ANCHORS RIPPED
FROM WALL CAUSING DAMAGE TO
SURROUNDING STONE AND GROUT
JOINTS (MULTIPLE LOCATIONS)





DAMAGE CAUSED TO
CAST STONE FROM STAR
PULLING AWAY FROM
CAST STONE

The image shows a close-up of a light-colored stone wall. Several white arrows point to specific areas of damage. One arrow points to a vertical crack in the mortar joint. Another points to a horizontal crack in the mortar joint. A third points to a vertical crack in the mortar joint. A fourth points to a vertical crack in the mortar joint. A fifth points to a vertical crack in the mortar joint. A sixth points to a vertical crack in the mortar joint. A seventh points to a vertical crack in the mortar joint. A eighth points to a vertical crack in the mortar joint. A ninth points to a vertical crack in the mortar joint. A tenth points to a vertical crack in the mortar joint. A eleventh points to a vertical crack in the mortar joint. A twelfth points to a vertical crack in the mortar joint. A thirteenth points to a vertical crack in the mortar joint. A fourteenth points to a vertical crack in the mortar joint. A fifteenth points to a vertical crack in the mortar joint. A sixteenth points to a vertical crack in the mortar joint. A seventeenth points to a vertical crack in the mortar joint. An eighteenth points to a vertical crack in the mortar joint. A nineteenth points to a vertical crack in the mortar joint. A twentieth points to a vertical crack in the mortar joint. A twenty-first points to a vertical crack in the mortar joint. A twenty-second points to a vertical crack in the mortar joint. A twenty-third points to a vertical crack in the mortar joint. A twenty-fourth points to a vertical crack in the mortar joint. A twenty-fifth points to a vertical crack in the mortar joint. A twenty-sixth points to a vertical crack in the mortar joint. A twenty-seventh points to a vertical crack in the mortar joint. A twenty-eighth points to a vertical crack in the mortar joint. A twenty-ninth points to a vertical crack in the mortar joint. A thirtieth points to a vertical crack in the mortar joint. A thirty-first points to a vertical crack in the mortar joint. A thirty-second points to a vertical crack in the mortar joint. A thirty-third points to a vertical crack in the mortar joint. A thirty-fourth points to a vertical crack in the mortar joint. A thirty-fifth points to a vertical crack in the mortar joint. A thirty-sixth points to a vertical crack in the mortar joint. A thirty-seventh points to a vertical crack in the mortar joint. A thirty-eighth points to a vertical crack in the mortar joint. A thirty-ninth points to a vertical crack in the mortar joint. A fortieth points to a vertical crack in the mortar joint. A forty-first points to a vertical crack in the mortar joint. A forty-second points to a vertical crack in the mortar joint. A forty-third points to a vertical crack in the mortar joint. A forty-fourth points to a vertical crack in the mortar joint. A forty-fifth points to a vertical crack in the mortar joint. A forty-sixth points to a vertical crack in the mortar joint. 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A ninety-third points to a vertical crack in the mortar joint. A ninety-fourth points to a vertical crack in the mortar joint. A ninety-fifth points to a vertical crack in the mortar joint. A ninety-sixth points to a vertical crack in the mortar joint. A ninety-seventh points to a vertical crack in the mortar joint. A ninety-eighth points to a vertical crack in the mortar joint. A ninety-ninth points to a vertical crack in the mortar joint. A hundred points to a vertical crack in the mortar joint.

TOTAL FAILURE OF STONE
ATTACHMENT TO WALL IN
SEVERAL PLACES



DAMAGE TO CAST STONE
WATER TABLE/CAP

A close-up photograph of a building's exterior corner. A dark, rectangular cast stone cap is visible, which has shifted from its original position. The mortar joint between the cap and the wall is crumbling and broken. A white arrow points from the text to the damaged mortar joint. The wall itself is a light tan color and shows some vertical cracking. The sky is visible in the upper left corner.

CAST STONE CAP
HAS MOVED AND
MORTAR HAS BEEN
COMPROMISED



SURFACE SCRAPE ON CAST
STONE - RECOMMEND
REPLACING ENTIRE COLOR OF
THIS STONE ON THIS
ELEVATION TO SO THAT
COLOR REMAINS EVEN.



STEEL STAR WAS
DAMAGED WHEN
DRAGGED BY TRUCK.
METAL EDGE HAS BEEN
DAMAGED. METAL
STUDS DEFORMED STEEL
WHEN RIPPED FROM
WALL. REQUIRES TOTAL
REPLACEMENT