

HUDSON YARDS - TOWER D

Address
553 WEST 30TH STREET
NEW YORK, NY



Client
Related Companies
60 Columbus Circle
New York, NY 10023
Tel: 212.801.1000 Fax: 212.801.1048

Oxford Properties Group
320 Park Avenue, 17th Floor
New York, NY 10022
Tel: 212.966.7344 Fax: 212.966.7510

Construction Manager
Tishman Construction Corporation
100 Park Avenue, 5th Floor
New York, NY 10017
Tel: 212.708.3600

Architect
Kohn Pedersen Fox Associates PC
Architects & Planning Consultants
11 West 42nd Street
New York, NY 10036
Tel: 212.977.6500 Fax: 212.956.2556

Structural Engineer
Thomson Tomasetti, Inc.
51 Madison Avenue
New York, NY 10017
Tel: 917.661.7800 Fax: 917.661.7801

Mechanical, Electrical, Plumbing, Fire Protection
James Baum & Bolles Consulting Engineers
80 Pine Street
New York, NY 10013
Tel: 212.530.9300 Fax: 212.269.5894

DOB DEPARTMENT OF BUILDINGS NOTES:

DOB-1 STRUCTURAL DESIGN: BUILDING STRUCTURES AND PARTS THEREOF ARE DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE STRESS DESIGN, EMPIRICAL DESIGN, OR CONVENTIONAL CONSTRUCTION METHODS, AS PER REQUIREMENTS OF 2008 NYC BUILDING CODE, BC 1804. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.

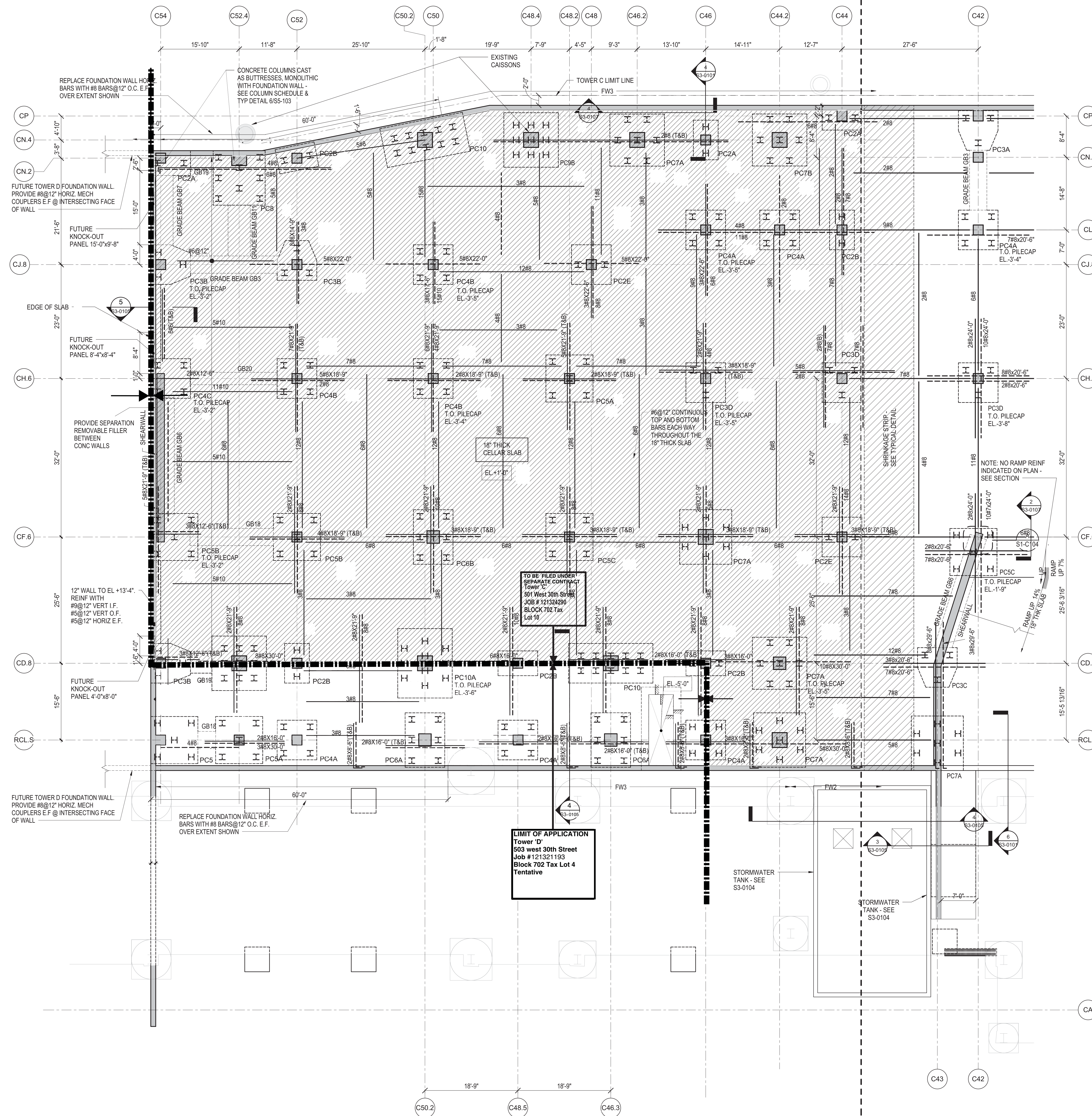
DOB-2 SOILS AND FOUNDATIONS: BUILDING AND FOUNDATION SYSTEM DESIGNED AS PER REQUIREMENTS OF BC 1801.

DOB-3 FOOTINGS AND FOUNDATIONS: FOOTINGS AND FOUNDATIONS DESIGNED AS PER REQUIREMENTS OF BC 1805.

DOB-4 SEISMIC DESIGN PROVISIONS: CONCRETE COMPONENTS THAT RESIST SEISMIC FORCES, AND SEPERATION FROM ADJACENT BUILDING, DESIGNED AS PER REQUIREMENTS OF BC 1910 AND LL 17785.

SI SPECIAL INSPECTIONS:

SI-1 THE FOLLOWING STRUCTURAL ITEMS REQUIRE SPECIAL TESTING AND/OR INSPECTIONS
CONCRETE - CAST-IN-PLACE
CONCRETE TEST CYLINDERS
CONCRETE DESIGN MIX
FOOTING AND FOUNDATION
PILE FOUNDATIONS INSTALLATION



REPLACE FOUNDATION WALL HOZ BARS WITH #8 BARS @ 12" O.C. E.F. OVER EXTENT SHOWN

FUTURE TOWER D FOUNDATION WALL PROVIDE #8 @ 12" HORIZ. MECH COUPLERS E.F. @ INTERSECTING FACE OF WALL

FUTURE KNOCK-OUT PANEL 15'-0" X 9'-8"

EDGE OF SLAB

FUTURE KNOCK-OUT PANEL 8'-4" X 8'-4"

PROVIDE SEPARATION REMOVABLE FILLER BETWEEN CONC WALLS

12" WALL TO EL +13'-4" REIN WITH #8 @ 12" VERT I.F. #5 @ 12" VERT O.F. #5 @ 12" HORIZ E.F.

FUTURE KNOCK-OUT PANEL 4'-0" X 8'-0"

FUTURE TOWER D FOUNDATION WALL PROVIDE #8 @ 12" HORIZ. MECH COUPLERS E.F. @ INTERSECTING FACE OF WALL

REPLACE FOUNDATION WALL HOZ BARS WITH #8 BARS @ 12" O.C. E.F. OVER EXTENT SHOWN

CONCRETE COLUMNS CAST AS BUTTRESSES MONOLITHIC WITH FOUNDATION WALL - SEE COLUMN SCHEDULE & TYP DETAIL 6/55-103

EXISTING CAISSONS

TOWER C LIMIT LINE FW3

16" THICK CELLAR SLAB

SHRINKAGE STRIP - SEE TYPICAL DETAIL

NOTE: NO RAMP REINF INDICATED ON PLAN - SEE SECTION

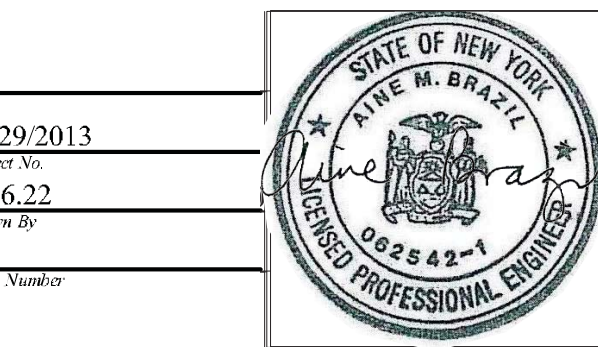
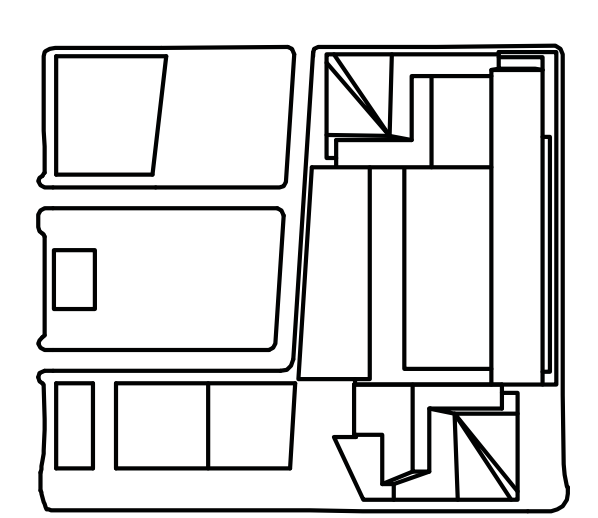
TO BE FILED UNDER SEPARATE CONTRACT Tower D 503 West 30th Street Job # 121324290 Block 702 Tax Lot 4

LIMIT OF APPLICATION Tower D 503 West 30th Street Job # 121321193 Block 702 Tax Lot 4 Tentative

STORMWATER TANK - SEE S3-0104

STORMWATER TANK - SEE S3-0104

Damian Titus Buildings APPROVED Under Directive 2 of 1975 Date/Time: Jun 19, 2013 - 6:04 PM SEE S1-C101 FOR SHEET DEVELOPMENT HUB



HYE -TC-S1-C107

CELLAR FRAMING PLAN SECTOR 7

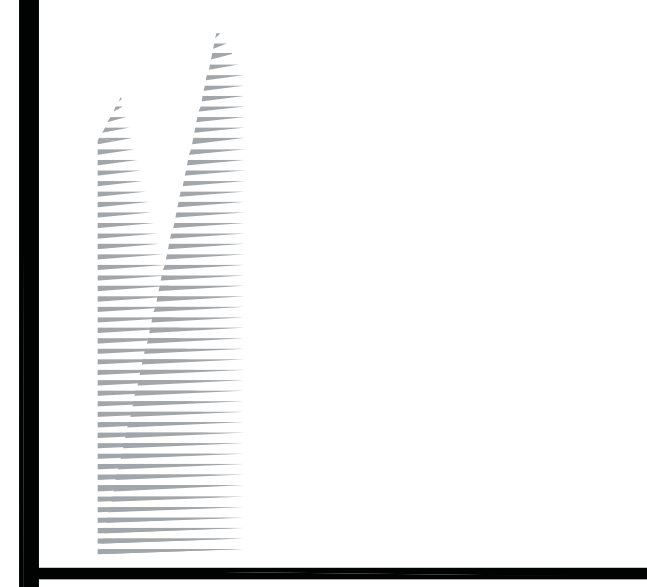
SI-C107

S-100.00 SHEET 1 of 3



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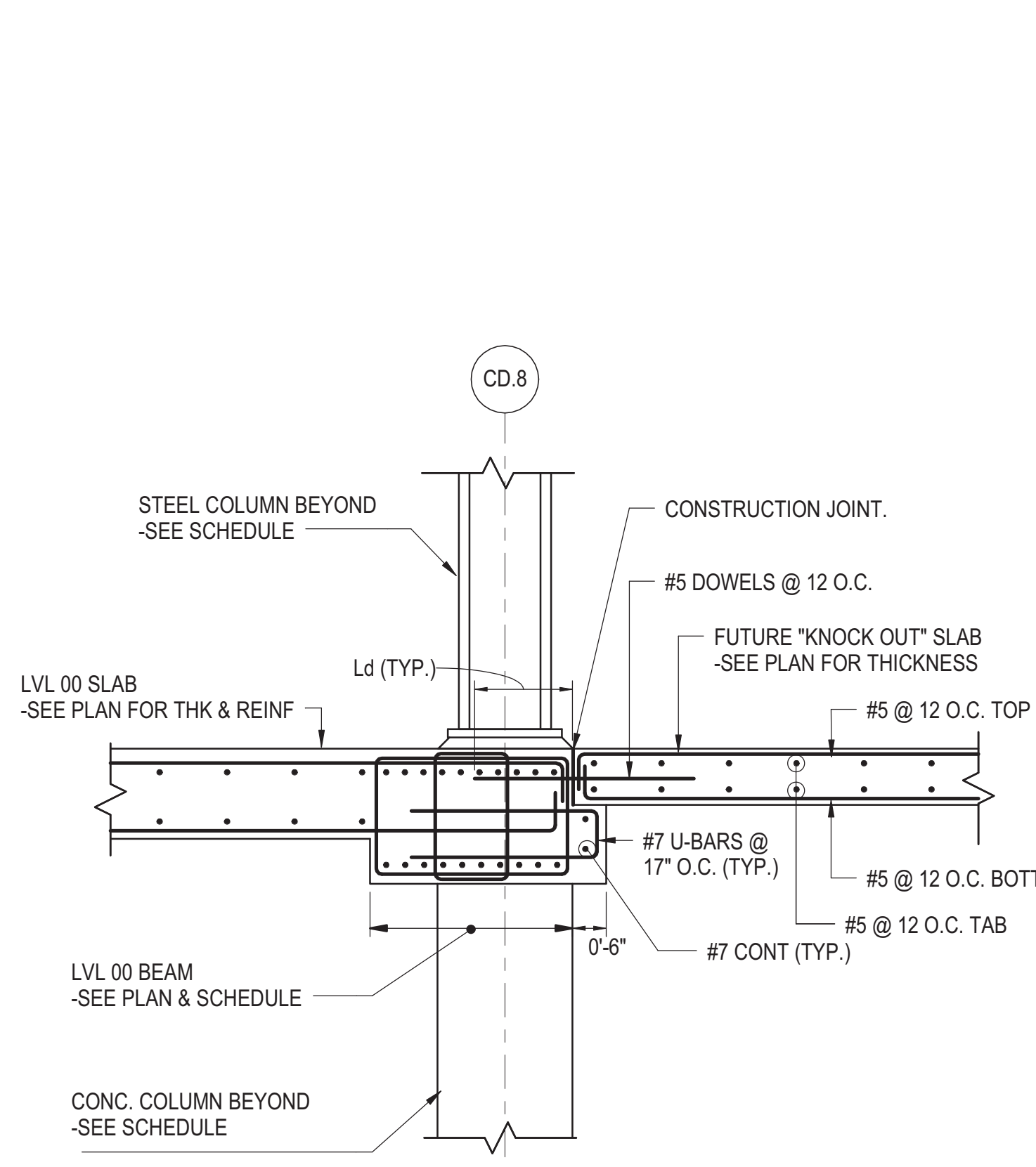
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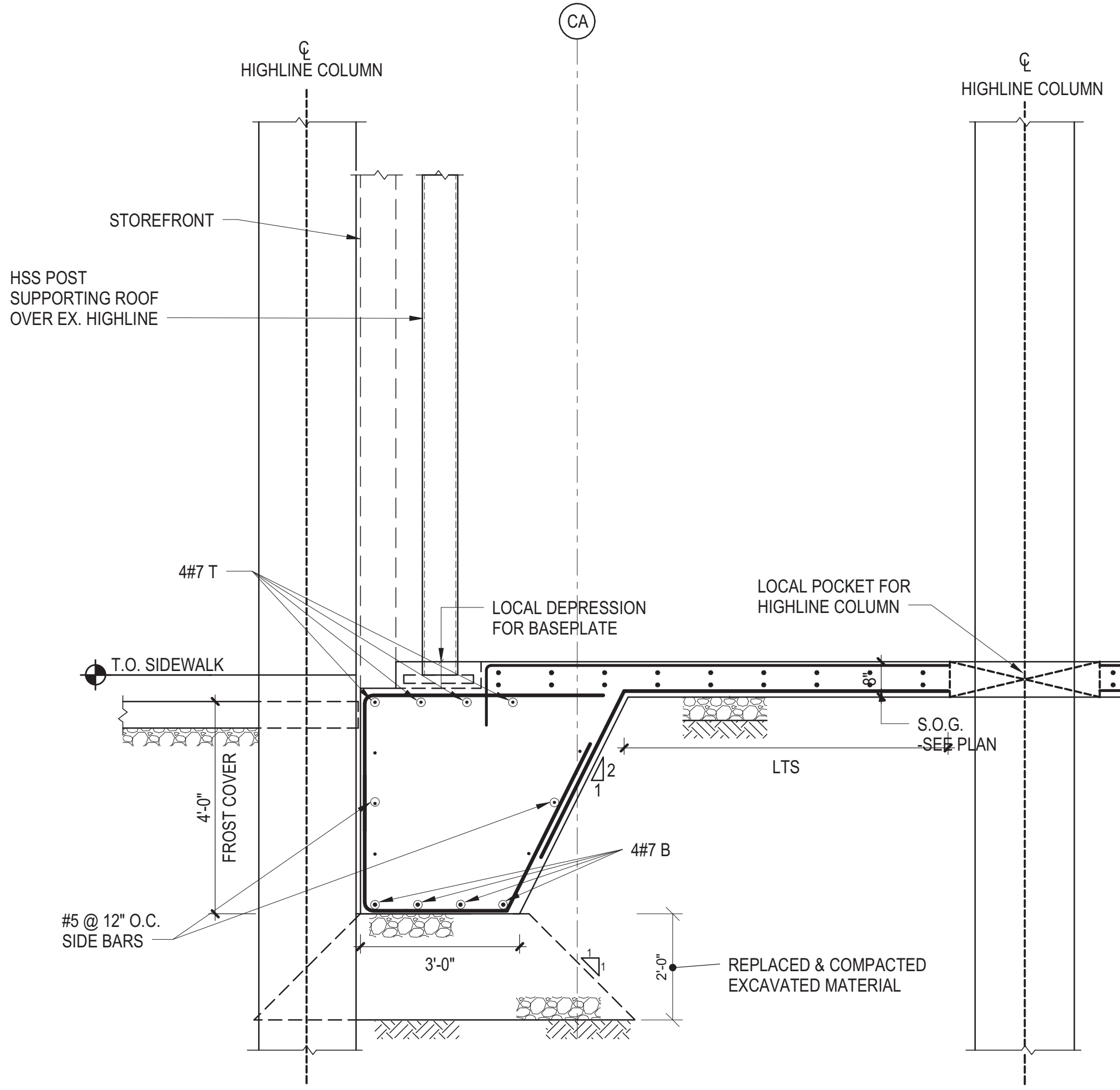
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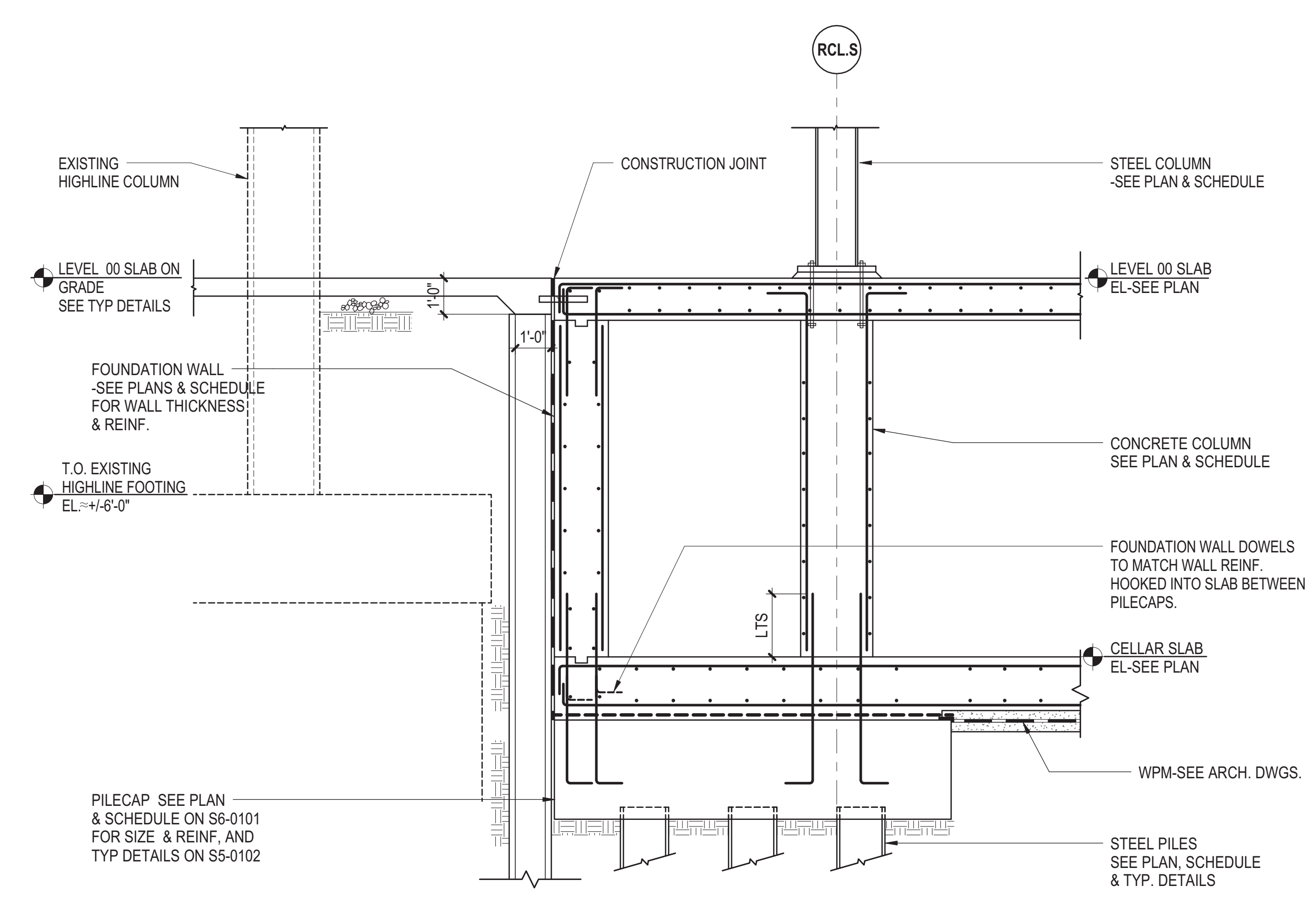
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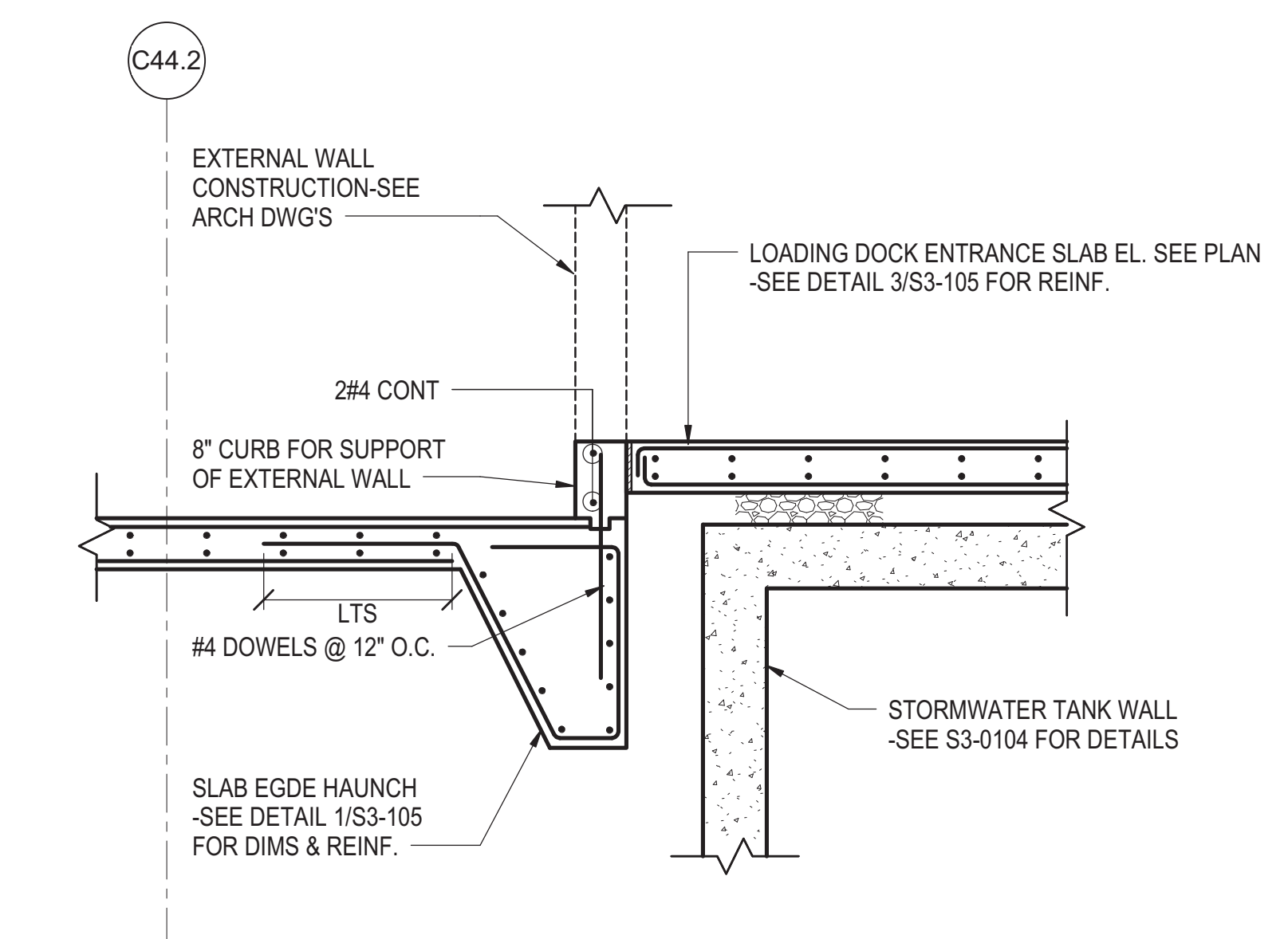
1 SECTION
1/2" = 1'-0"



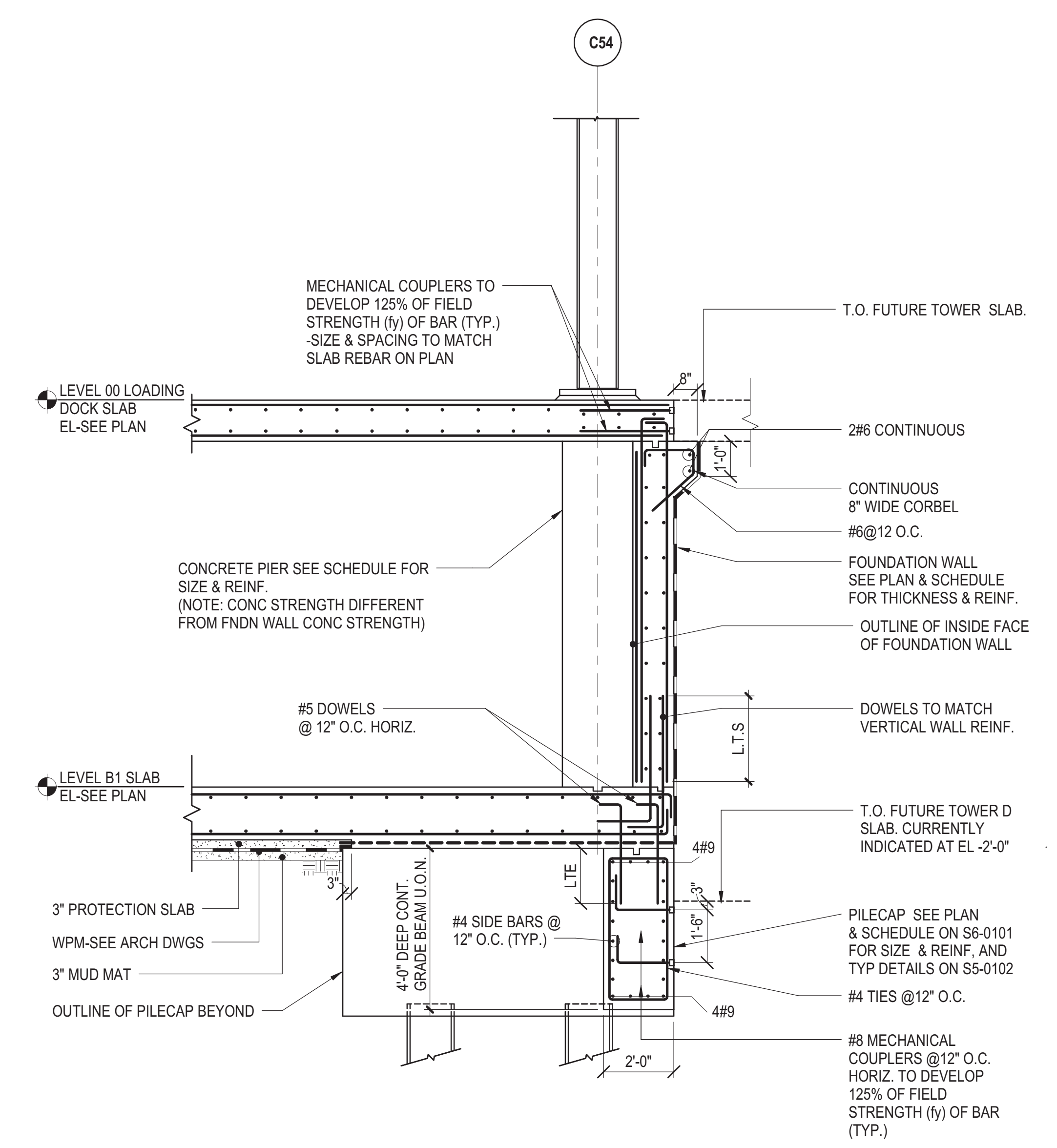
2 SECTION
1/2" = 1'-0"



3 TYPICAL SECTION THROUGH SOUTH FOUNDATION WALL (TERRAFIRMA)
3/8" = 1'-0"

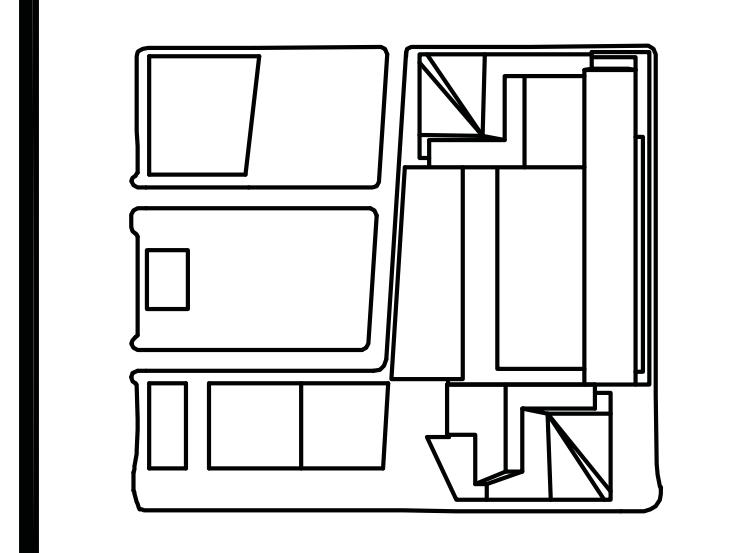


4 SECTION
1/2" = 1'-0"



5 TYPICAL SECTION @ GRIDLINE C54 (TERRAFIRMA) COLUMNS
NOT TO SCALE

1	D.O.B. BUILDING PERMIT FILING	03/29/2013
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Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Jun 19, 2013 - 6:04 PM
NYC Development Hub

03/29/2013
1776.32
Damen DT
Professional Engineer
STATE OF NEW YORK
EXHIBIT 1
PROFESSIONAL ENGINEER

HYE -TC -S3-0105
FOUNDATION SECTIONS

S3-0105
S-102.00