

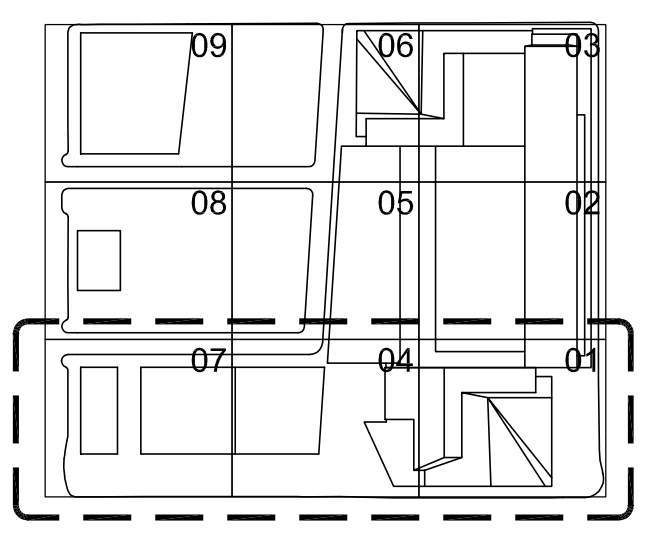
1 GENERAL SITE PLAN  
100 SCALE: 1:300

HUDSON YARDS - TOWER C  
**501 WEST 30th ST.**  
NEW YORK | NEW YORK

UPDATE ISSUE 12.03.12  
1 SOE V.E. 11-12-12  
N° Revision: Date:

SCALE:  
AS NOTED

KEY PLAN:



DRAWING TITLE:

**SITE PLAN**

SEAL  
Date 11-02-12  
PROJECT N°: 12037  
Drawn By: GM  
DWG. N°: SOE-100.00

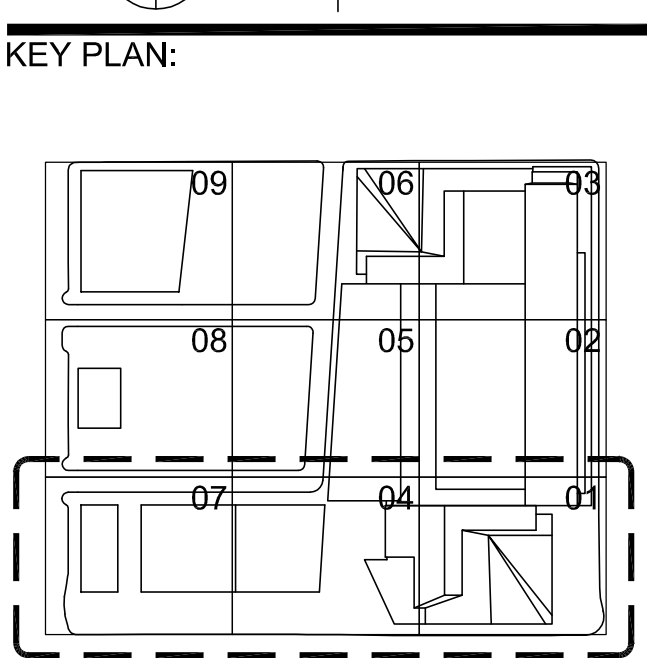
**Damian Titus**  
*[Signature]*  
**Buildings**  
APPROVED  
Under Directive 2 of 1975  
**AMENDED APPLICATION**  
Date/Time: Jan 17, 2013 - 4:24 PM  
**NYC Development Hub**



**HUDSON YARDS - TOWER C  
501 WEST 30th ST.**  
NEW YORK | NEW YORK

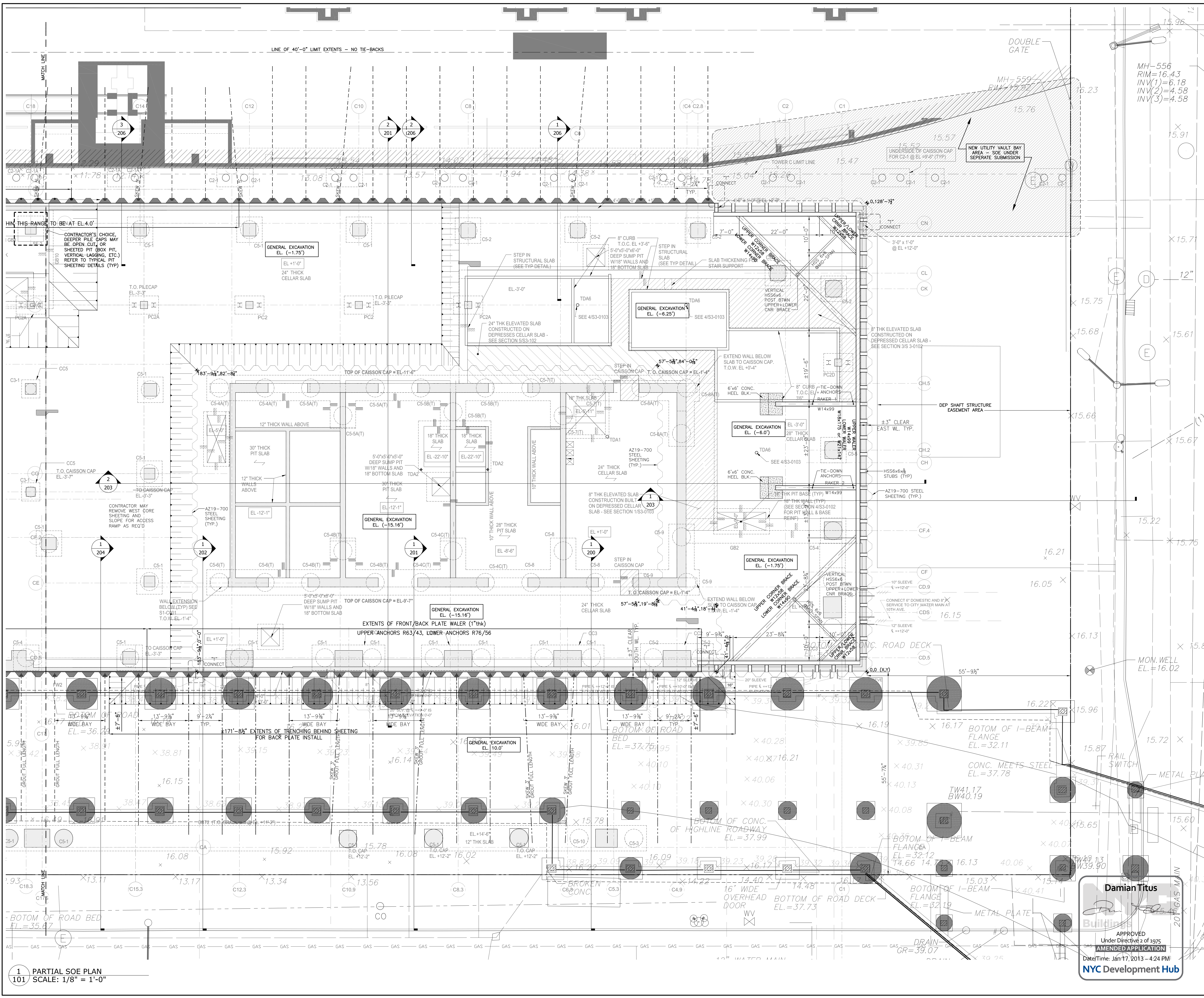
UPDATE ISSUE	12-03-12
1 SOE V.E.	11-12-12
N Revision:	Date:

SCALE:  
AS NOTED



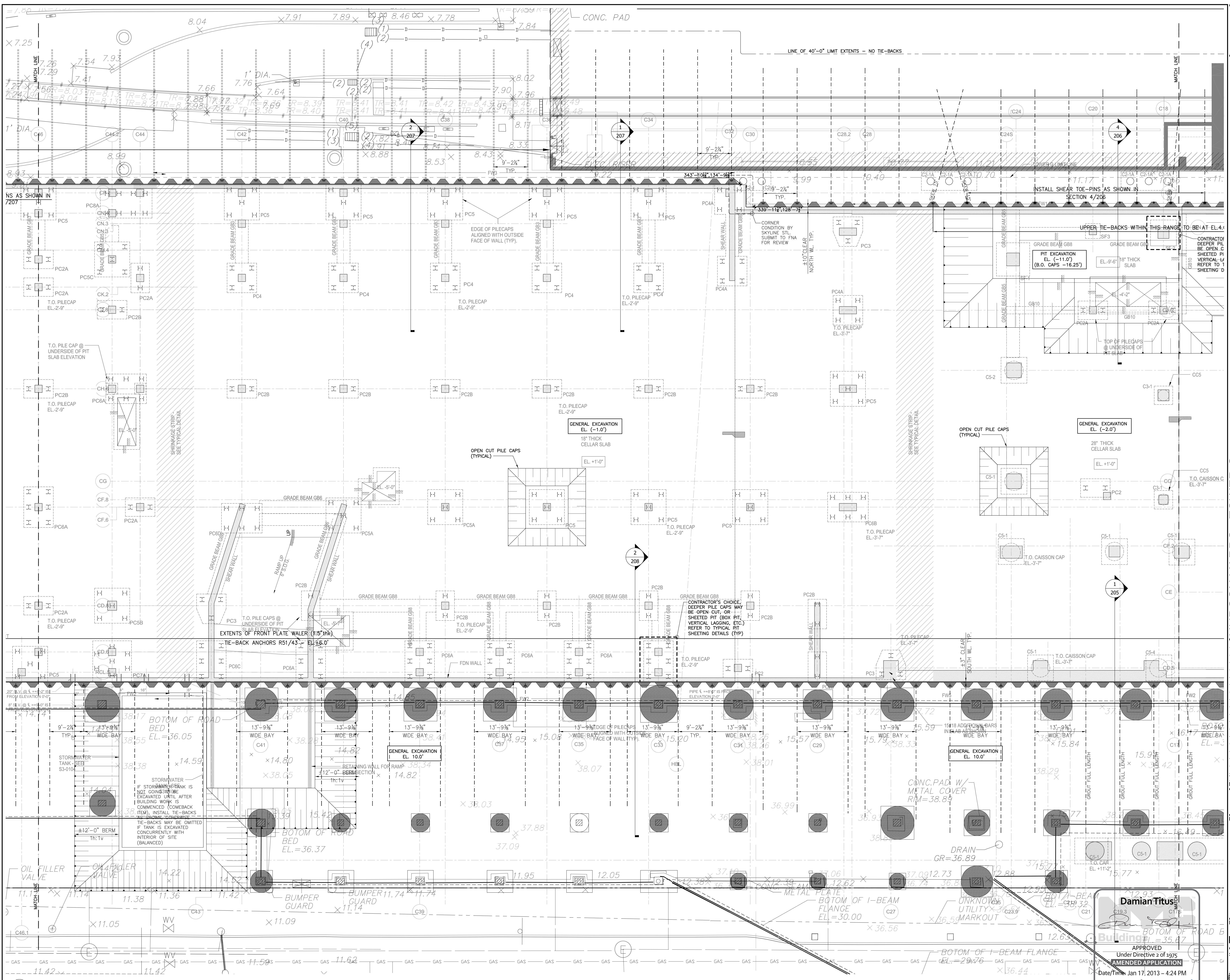
DRAWING TITLE:  
**PARTIAL SOE PLAN**

SEAL	Date	11-02-12
	PROJECT N°:	12037
	Drawn By:	GM
	DWG. N°:	SOE-101.00

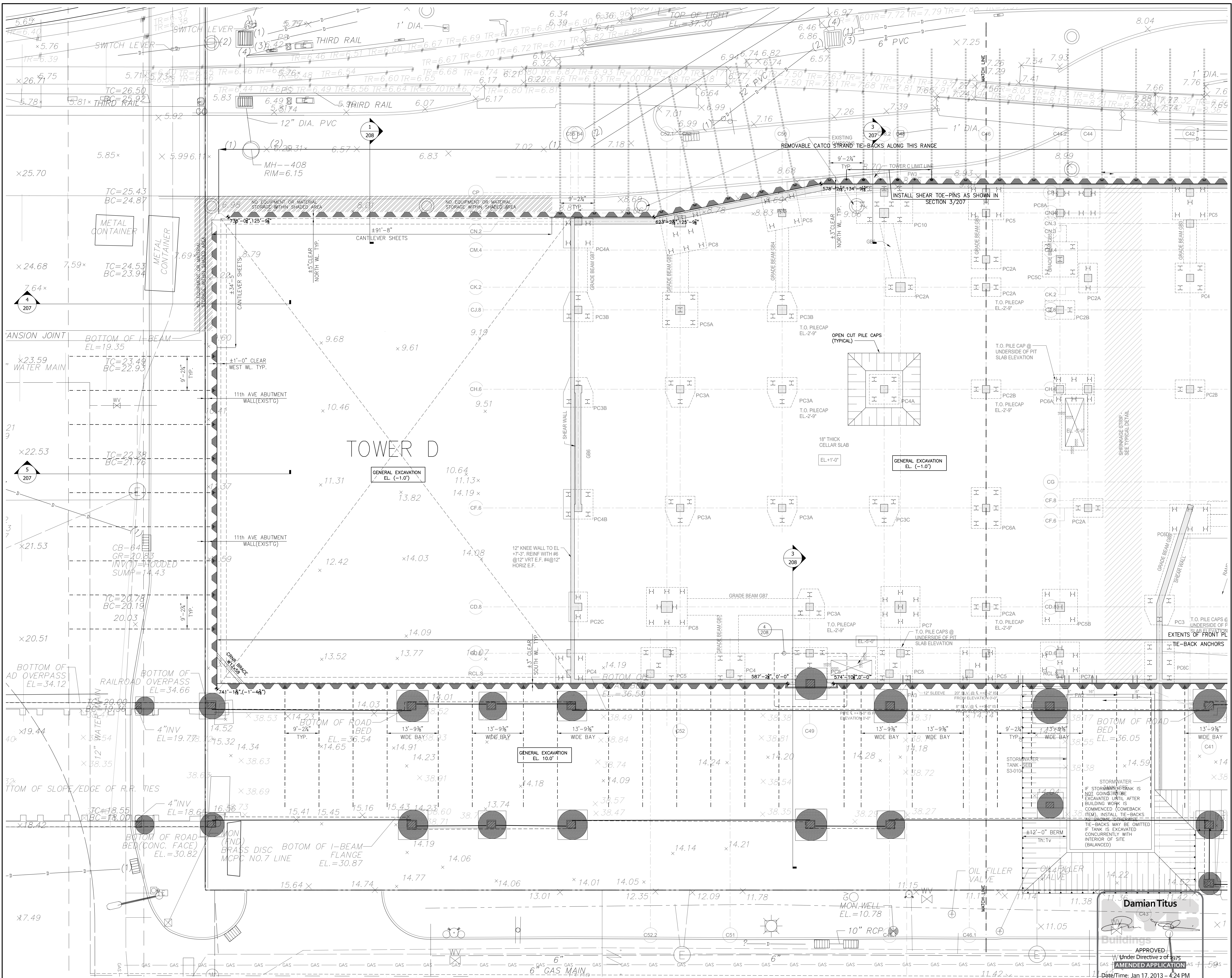


**Damian Titus**  
APPROVED  
Under Directive 2 of 1975  
AMENDED APPLICATION  
Date/Time: Jan 17, 2013 - 4:24 PM  
**NYC Development Hub**











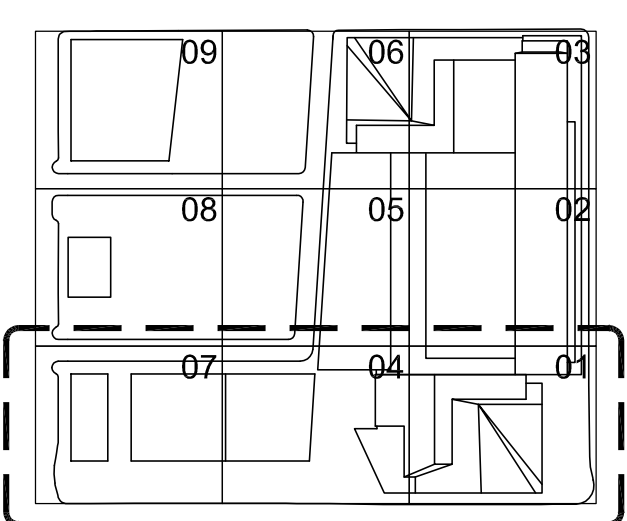
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INV(2)=4.58  
INV(3)=4.58

**HUDSON YARDS - TOWER C  
501 WEST 30th ST.**  
NEW YORK | NEW YORK

UPDATE ISSUE 12-03-12  
1 SOE V.E. 11-12-12  
N Revision: Date:

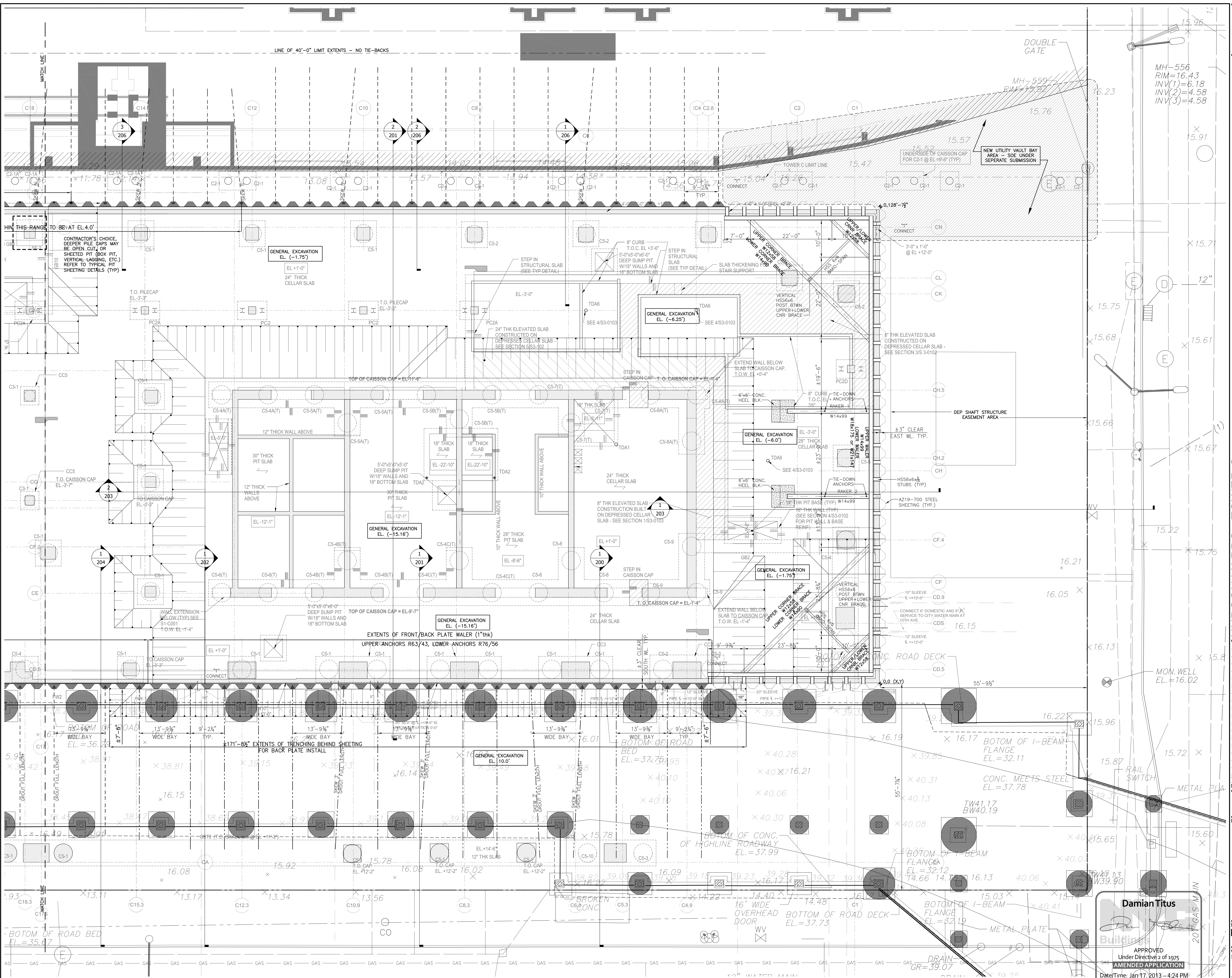
SCALE:  
AS NOTED

KEY PLAN:



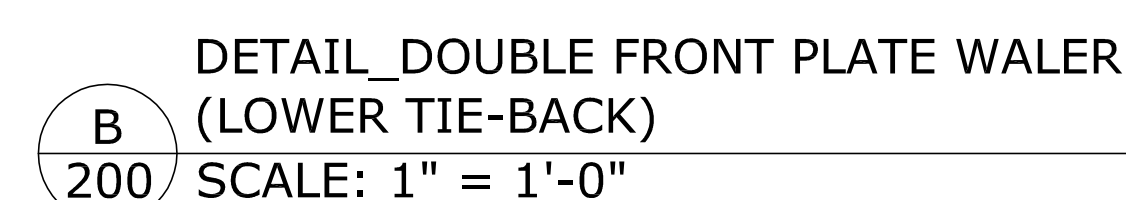
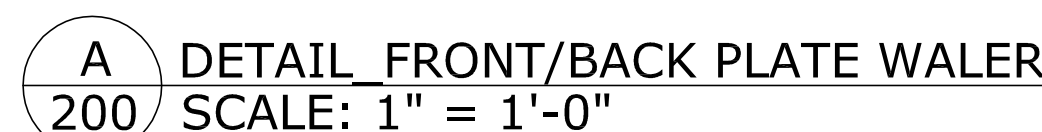
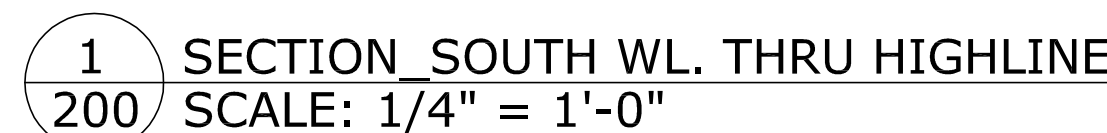
DRAWING TITLE:  
**PARTIAL SOE PLAN  
ALTERNATE**

SEAL  
Date 11-02-12  
PROJECT N°: 12037  
Drawn By: GM  
DWG. N°: SOE-104.00




**Damian Titus**  
APPROVED  
Under Directive 2 of 1975  
AMENDED APPLICATION  
Date/Time: Jan 17, 2013 - 4:24 PM  
**NYC Development Hub**





HUDSON YARDS - TOWER C  
501 WEST 30th ST.  
NEW YORK | NEW YORK

DRAWING TITLE:	
SECTION	
SEAL	Date 11-02-2011 PROJECT N°: 120 Drawn By: DWG. N°: S0E-200.C

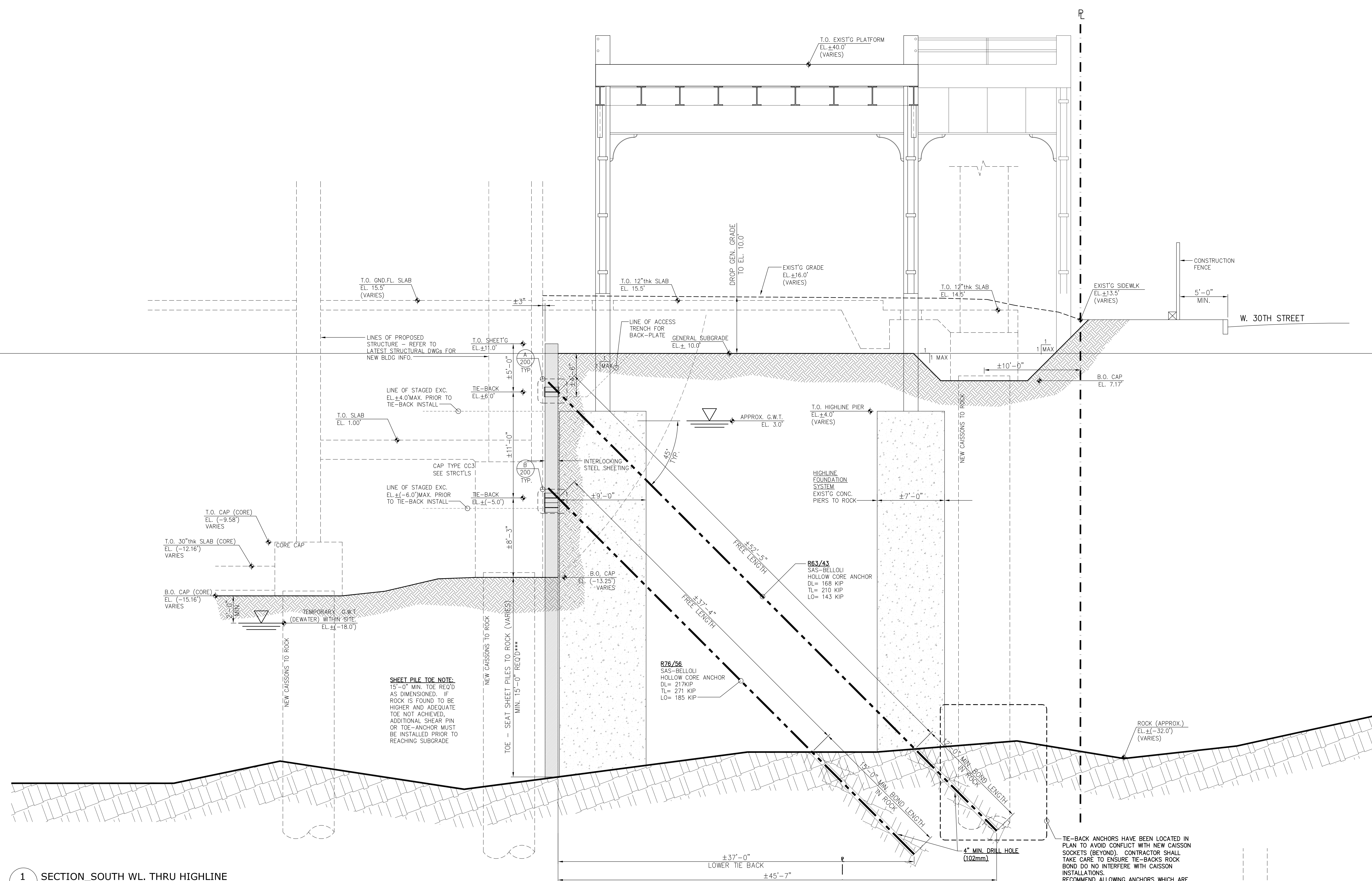
**Damian Titus**  
  
**Buildings**  
APPROVED  
Under Directive 2 of 1975  
**AMENDED APPLICATION**  
Date/Time: Jan 17, 2013 - 4:24 PM  
**NYC Development Hub**



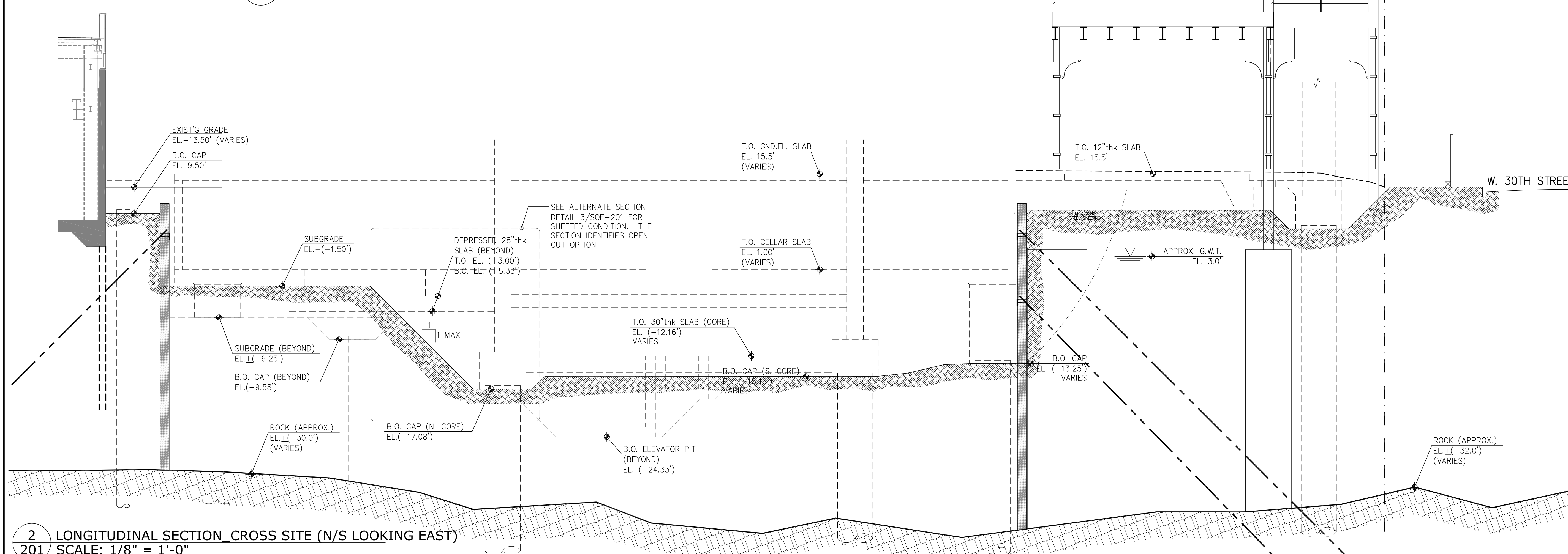
CONTRACTOR:  
**NEW YORK CONCRETE COR**  
708 SHARROTT'S ROAD  
STATEN ISLAND, NY 10309  
p: 718 967 3720

HUDSON YARDS - TOWER C  
501 WEST 30th ST.

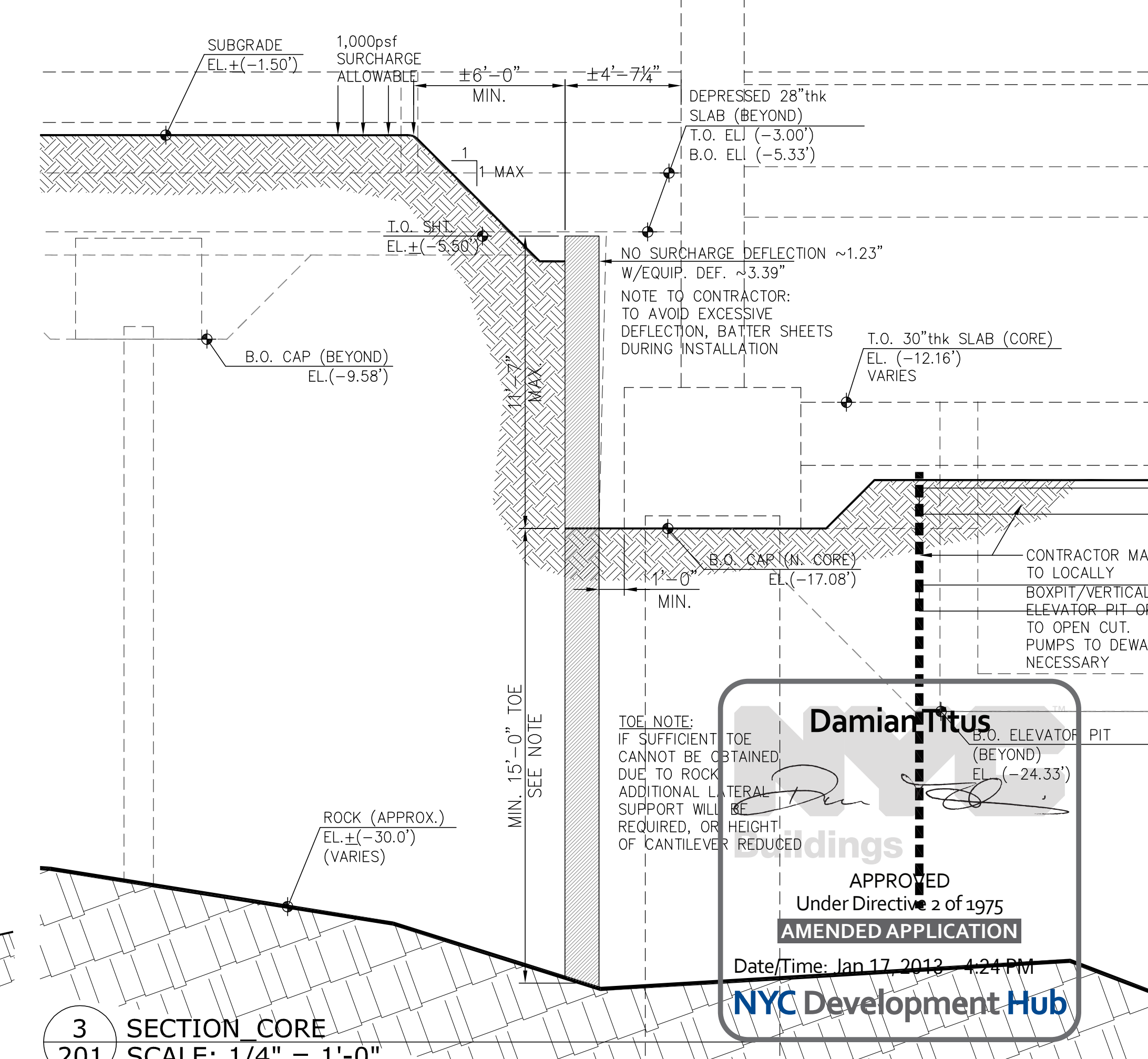
NEW YORK | NEW YORK



1 SECTION SOUTH WL. THRU HIGHLINE  
201 SCALE: 1/4" = 1'-0"



2 LONGITUDINAL SECTION\_CROSS SITE (N/S LOOKING EAST)  
201 SCALE: 1/8" = 1'-0"



3 SECTION CORE  
201 SCALE: 1/4" = 1'-0"

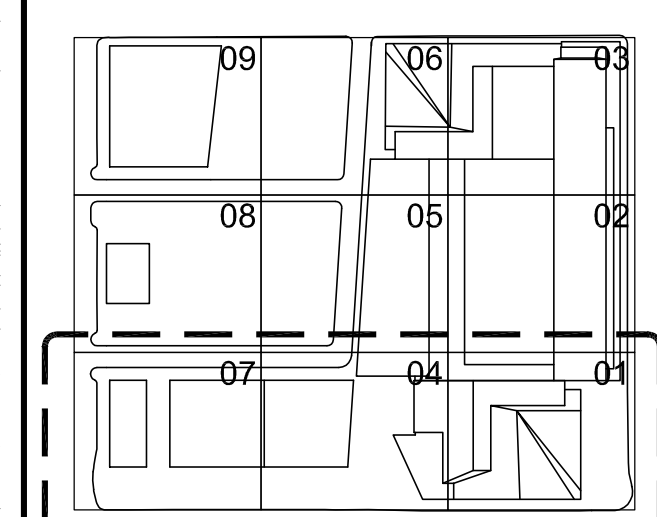
	UPDATE ISSUE	12-03-
1	SOE V.E.	11-12-
N°	Revision:	Da

N

SCALE:

AS NOTED

## KEY PLAN



DRAWING TITLE

SECTION

SEAI | Date

	11-02-
	PROJECT N°:

	120
	Drawn By

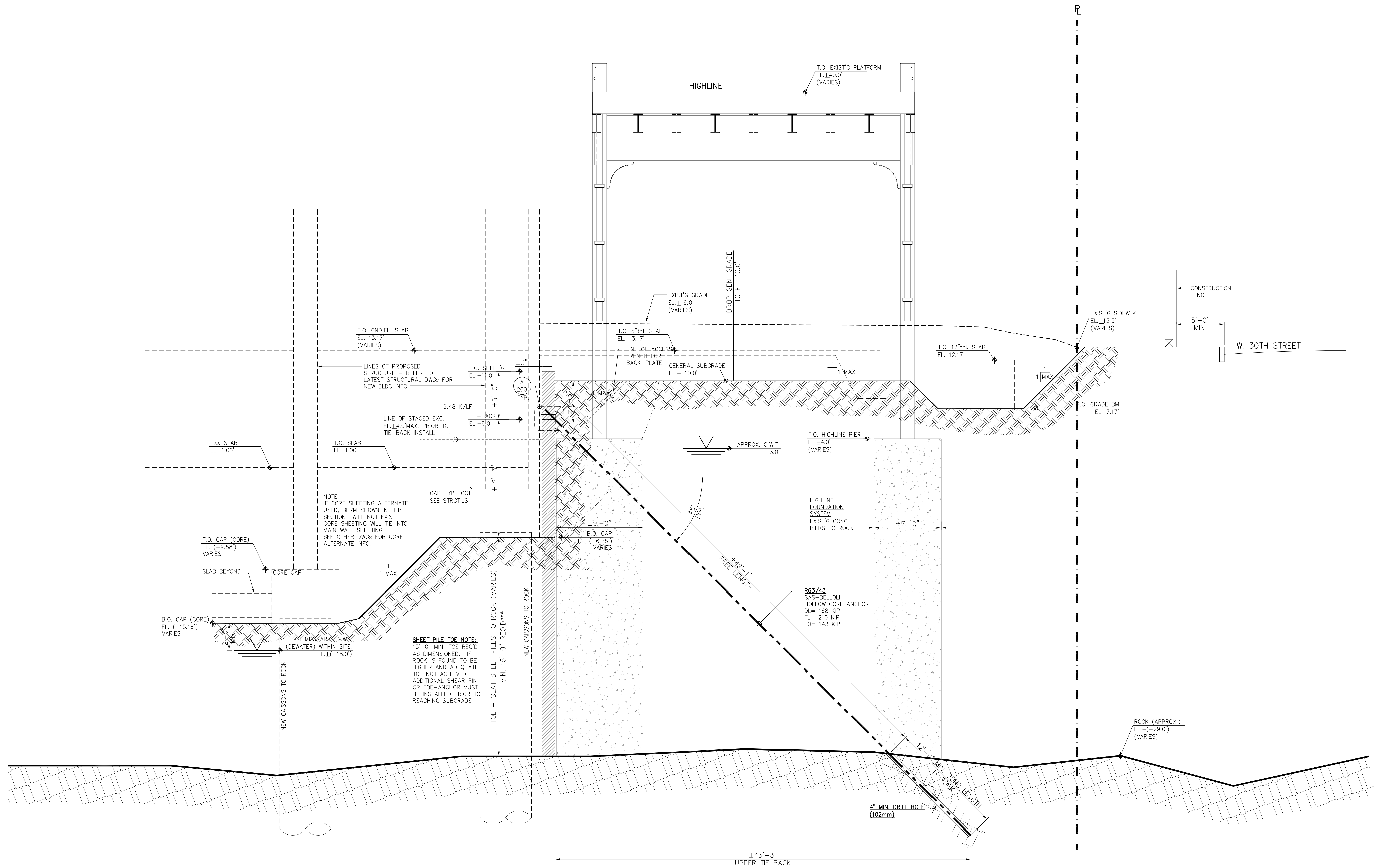
Drawn By: \_\_\_\_\_  
DWG No: \_\_\_\_\_



DWG. N°:  
S0E-201 0

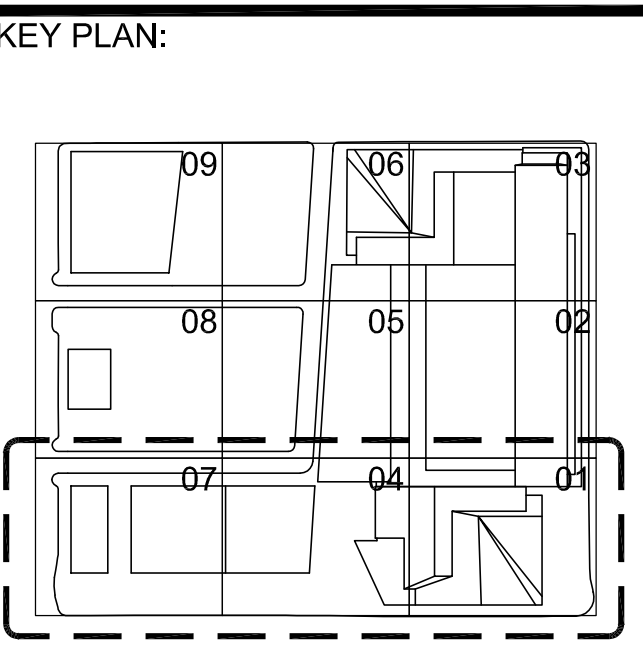
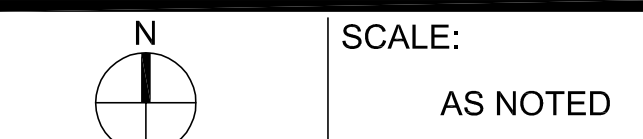


HUDSON YARDS - TOWER C  
**501 WEST 30th ST.**  
NEW YORK | NEW YORK

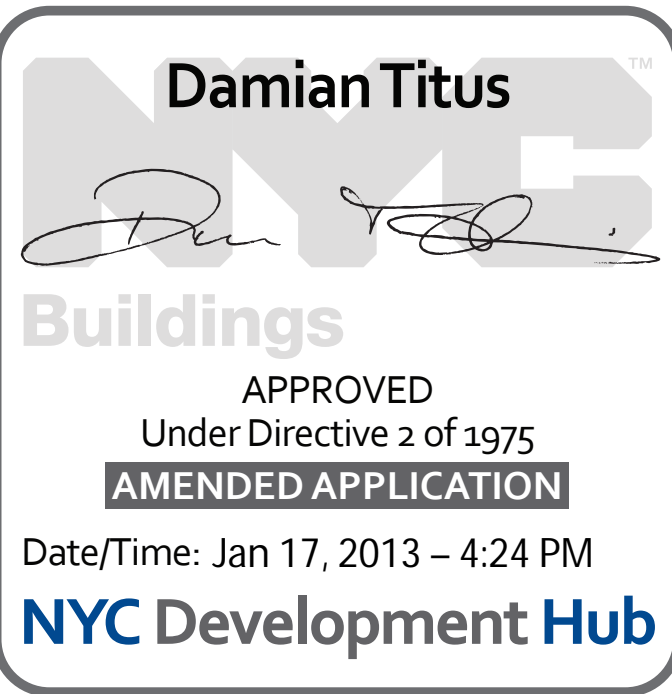


**1**  
**202** SECTION SOUTH WL. THRU HIGHLINE  
SCALE: 1/4" = 1'-0"

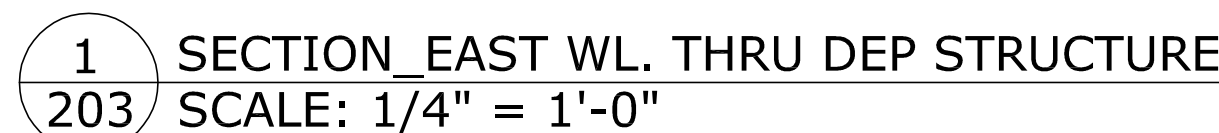
UPDATE ISSUE	12-03-12
1 SOE V.E.	11-12-12
N° Revision:	Date:




DRAWING TITLE: <b>SECTION</b>	
SEAL	Date: 11-02-12
PROJECT N°: 12037	Drawn By: GM
DWG. N°: SOE-202.00	






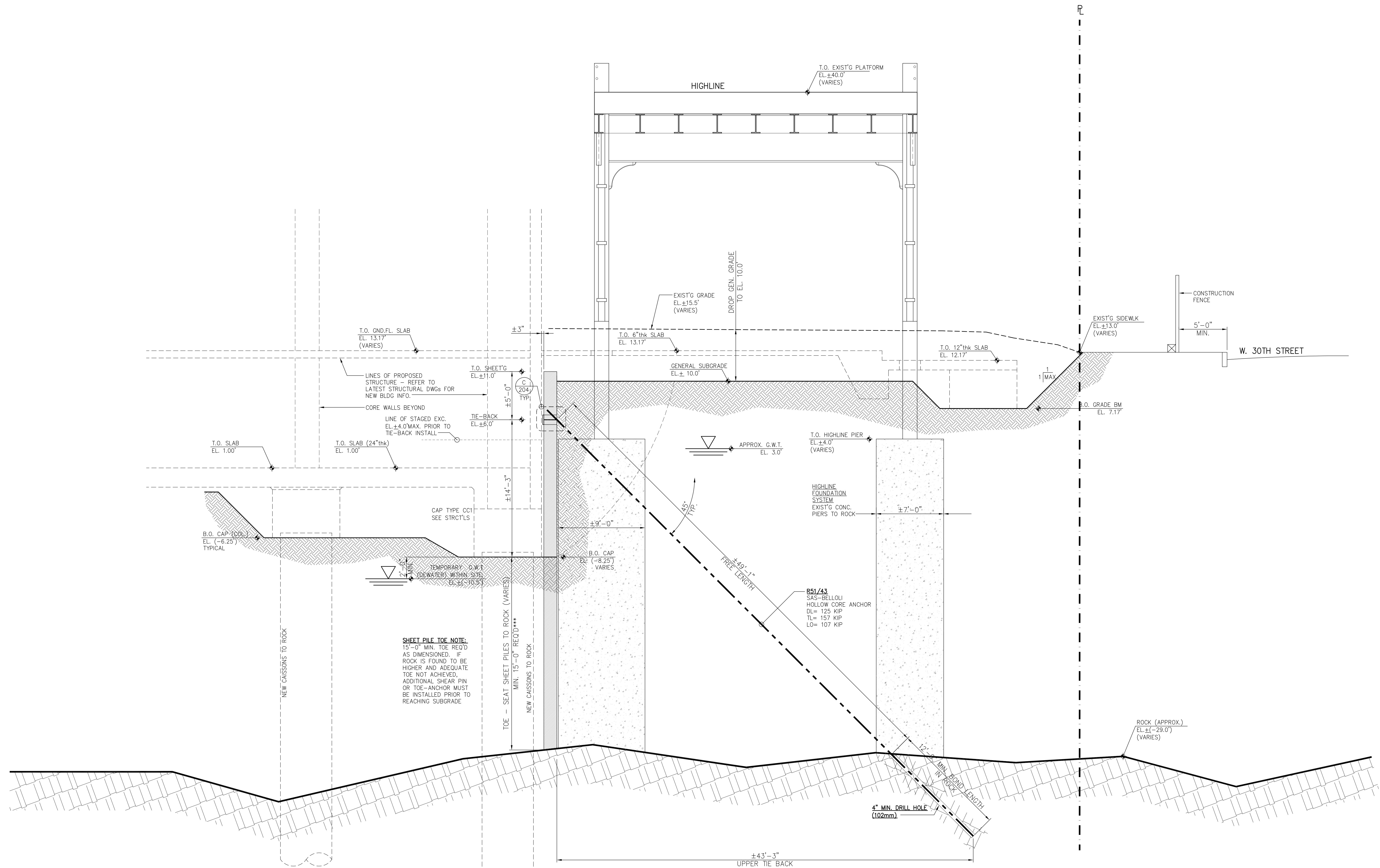


HUDSON YARDS - TOWER C  
501 WEST 30th ST.  
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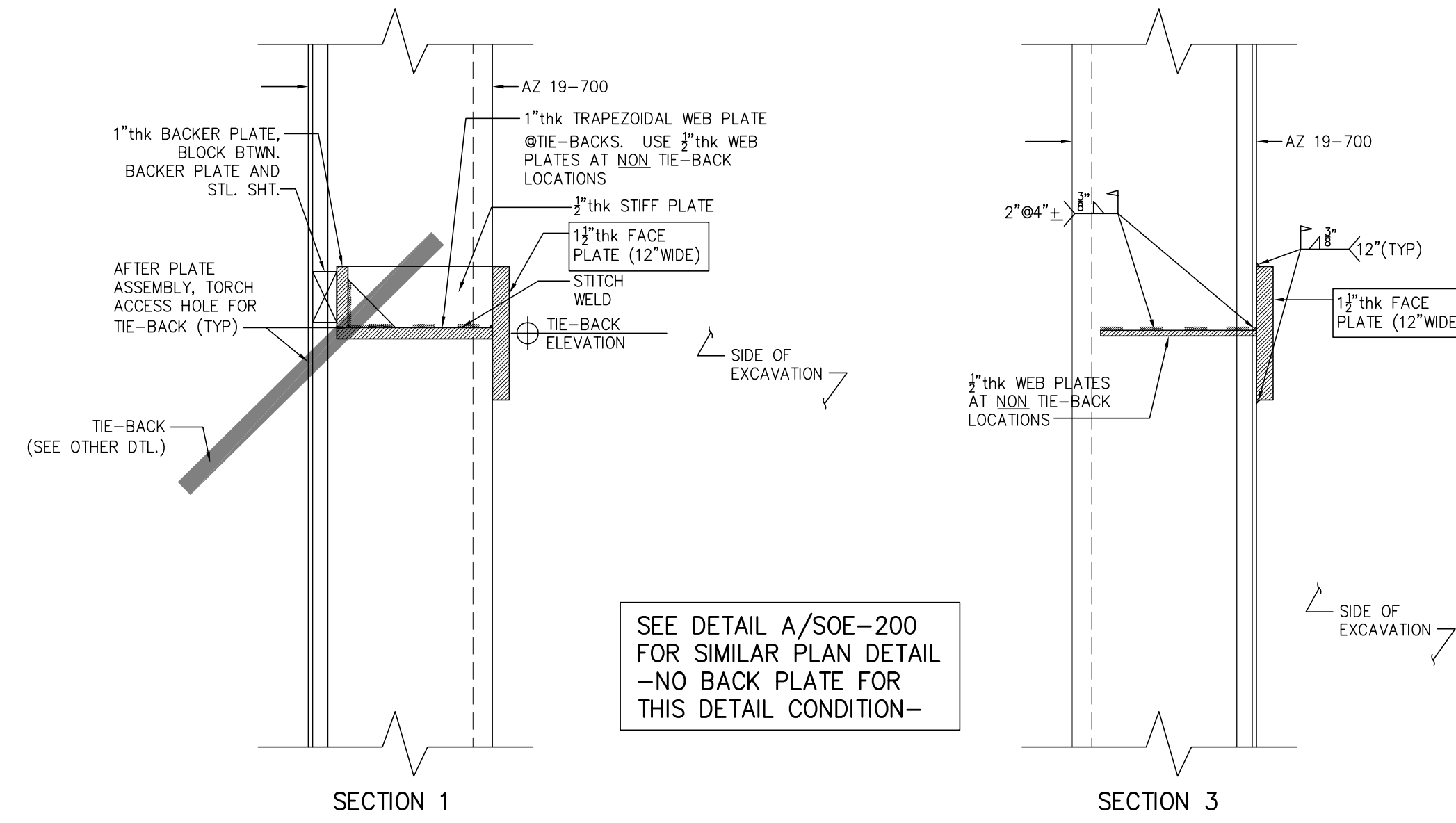
DRAWING TITLE:									
SECTION									
 <p>The seal is circular with "STATE OF NEW YORK" at the top and "PROFESSIONAL ENGINEER" at the bottom. In the center is a shield with various symbols, surrounded by stars.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Date</td> <td style="text-align: right; padding: 5px;">11-02-11</td> </tr> <tr> <td style="padding: 5px;">PROJECT N°:</td> <td style="text-align: right; padding: 5px;">1203</td> </tr> <tr> <td style="padding: 5px;">Drawn By:</td> <td style="text-align: right; padding: 5px;">GR</td> </tr> <tr> <td style="padding: 5px;">DWG. N°:</td> <td style="text-align: right; padding: 5px;">S0E-203.00</td> </tr> </table>	Date	11-02-11	PROJECT N°:	1203	Drawn By:	GR	DWG. N°:	S0E-203.00
Date	11-02-11								
PROJECT N°:	1203								
Drawn By:	GR								
DWG. N°:	S0E-203.00								

**Damian Titus**  
  
**Buildings**  
APPROVED  
Under Directive 2 of 1975  
**AMENDED APPLICATION**  
Date/Time: Jan 17, 2013 - 4:24 PM  
**NYC Development Hub**





**1**  
**204** SECTION SOUTH WL. THRU HIGHLINE  
SCALE: 1/4" = 1'-0"

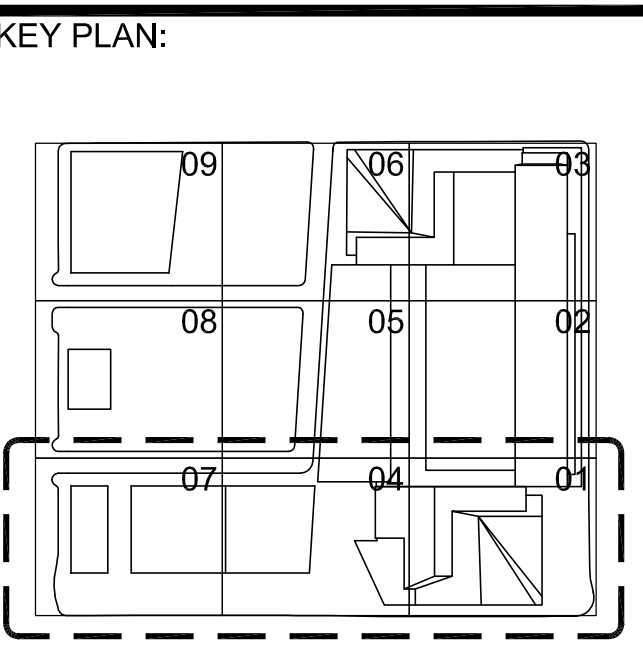


**C**  
**204** DETAIL FRONT PLATE WALER (NO BACK PLATE)  
SCALE: 1/4" = 1'-0"

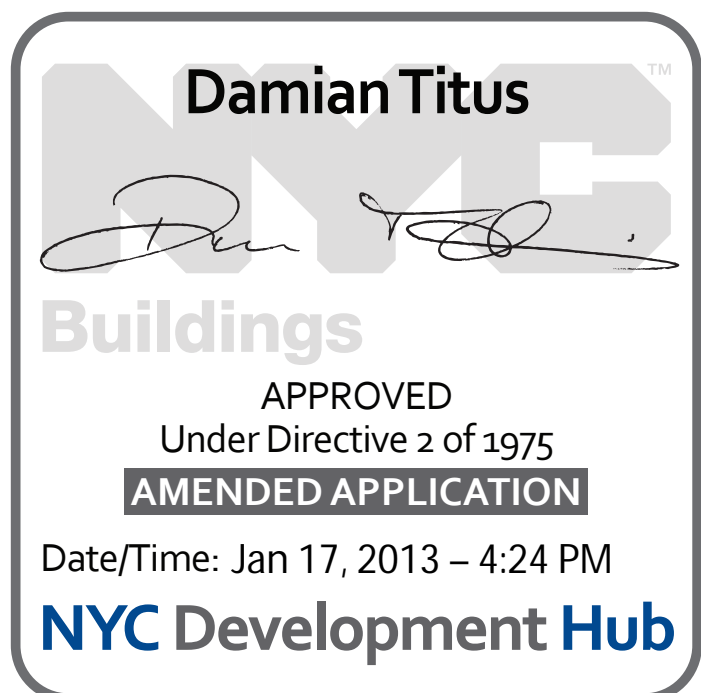
HUDSON YARDS - TOWER C  
**501 WEST 30th ST.**  
NEW YORK | NEW YORK

UPDATE ISSUE 12-03-12  
1 SOE V.E. 11-12-12  
N° Revision: Date:

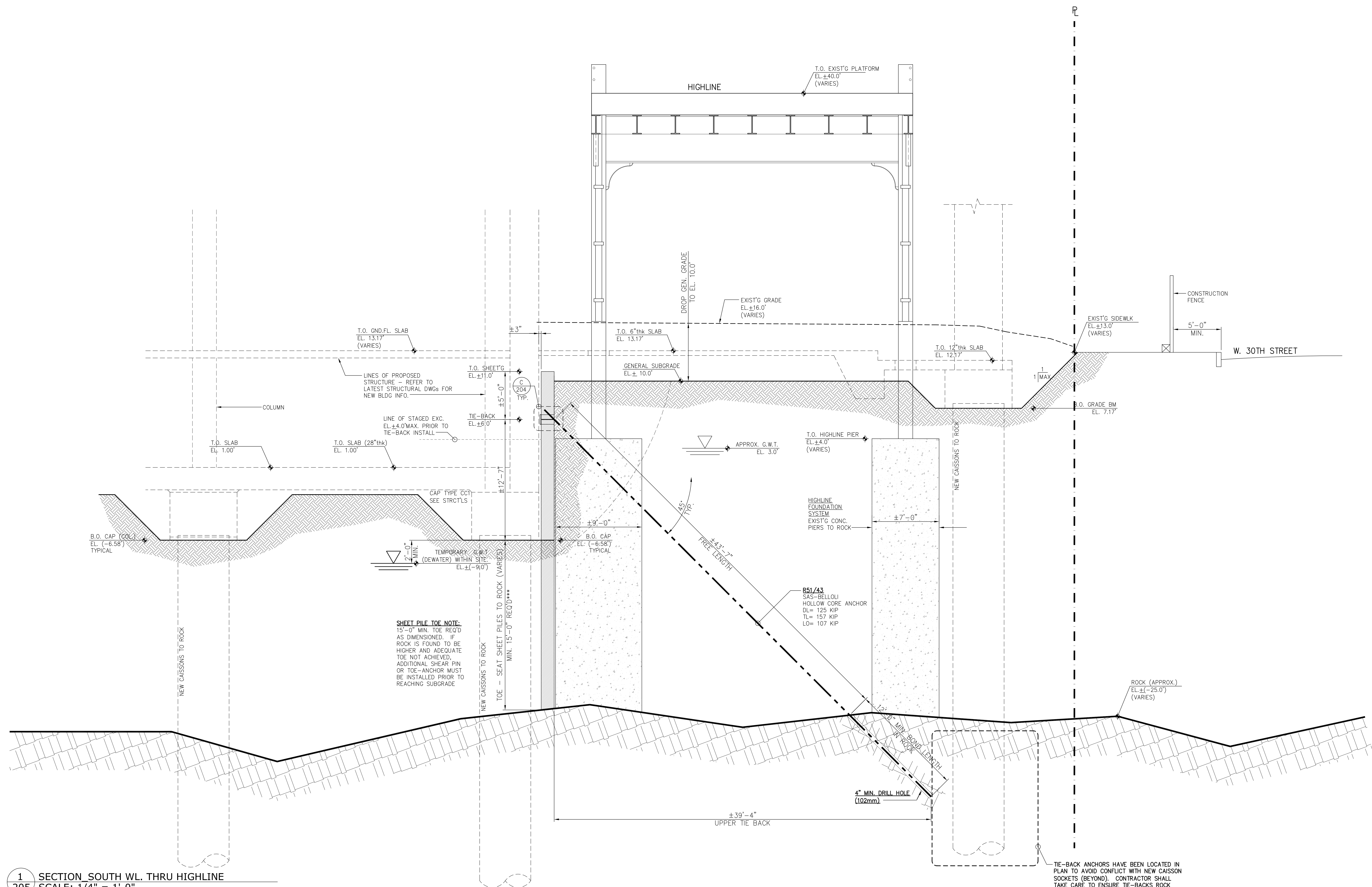
SCALE:  
AS NOTED



DRAWING TITLE:  
**SECTION**  
SEAL Date 11-02-12  
PROJECT N° 12037  
Drawn By: GM  
DWG. N°: **SOE-204.00**





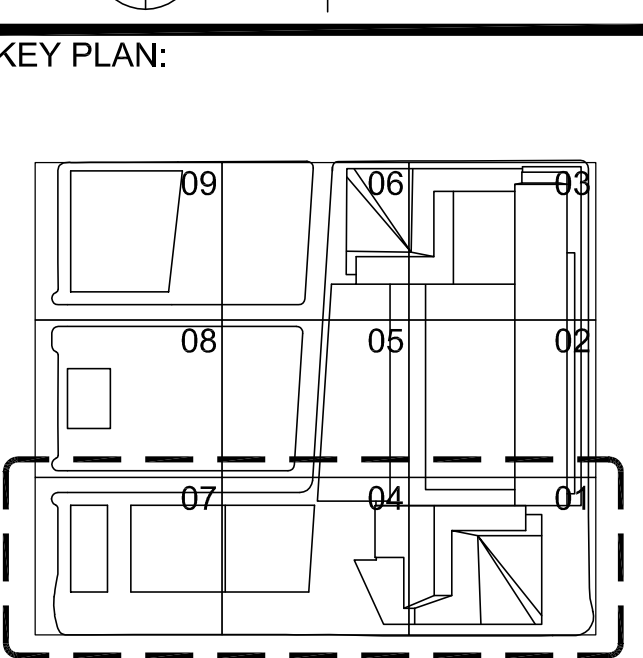


1 SECTION SOUTH WL. THRU HIGHLINE  
205 SCALE: 1/4" = 1'-0"

HUDSON YARDS - TOWER C  
501 WEST 30th ST.  
NEW YORK | NEW YORK

UPDATE ISSUE	12-03-12
1 SOE V.E.	11-12-12
N# Revision:	Date:

N	SCALE:
	AS NOTED



DRAWING TITLE:	
SECTION	
SEAL	Date 11-02-12
	PROJECT N#: 12037
	Drawn By: GM
	DWG. N#: SOE-205.00

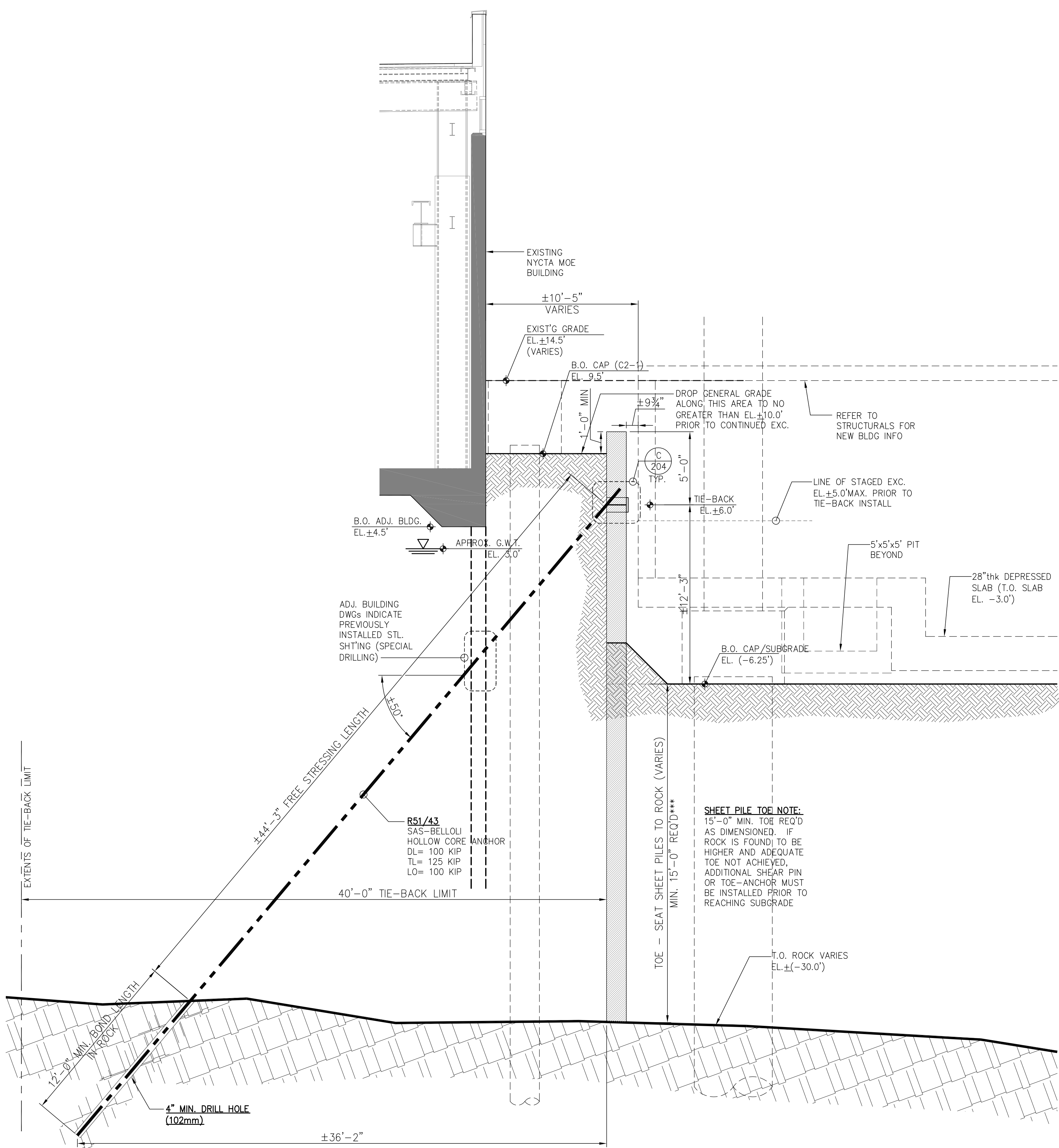
**Damian Titus**

*[Signature]*

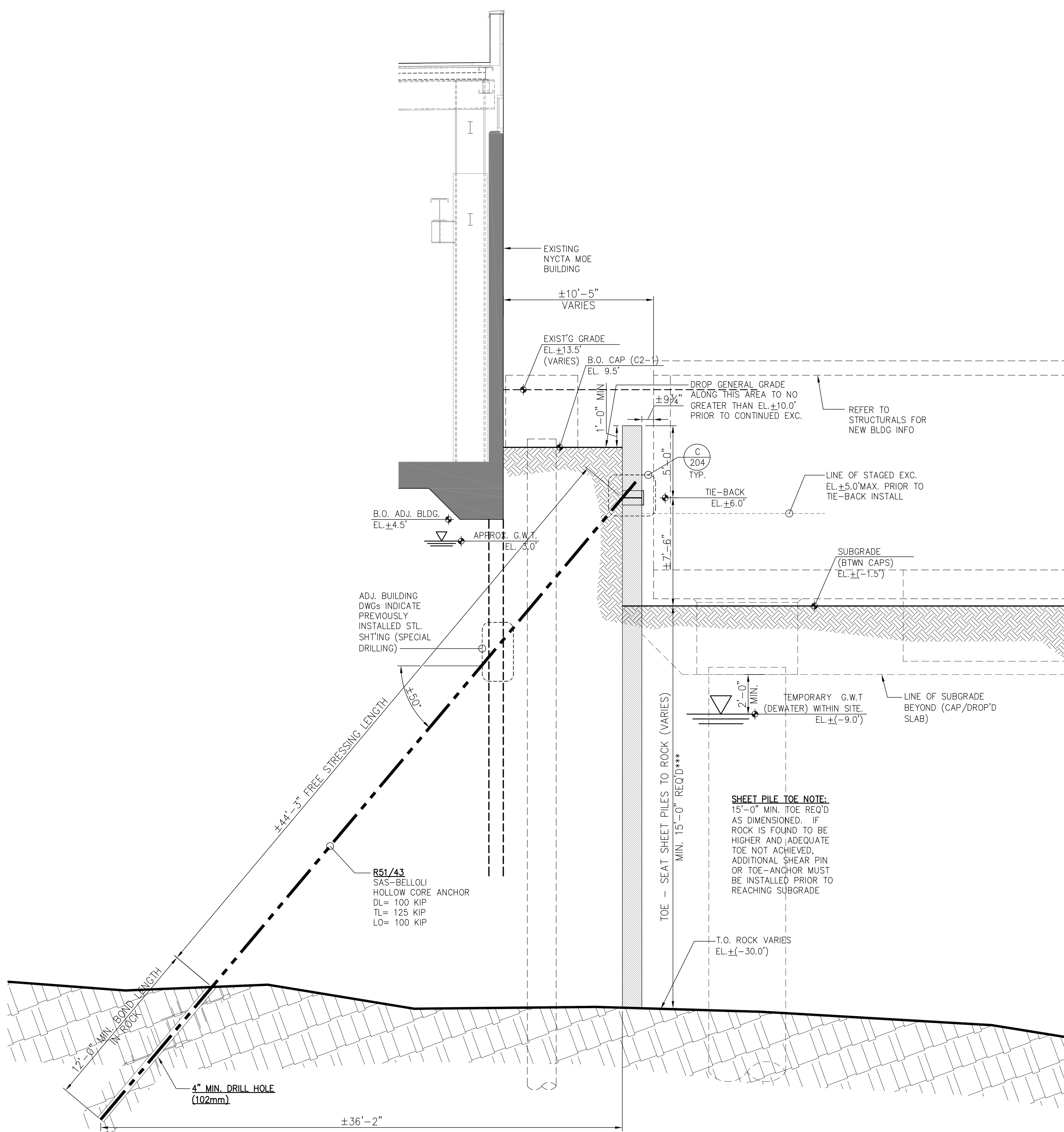
**Buildings**

APPROVED  
Under Directive 2 of 1975  
**AMENDED APPLICATION**  
Date/Time: Jan 17, 2013 - 4:24 PM  
**NYC Development Hub**

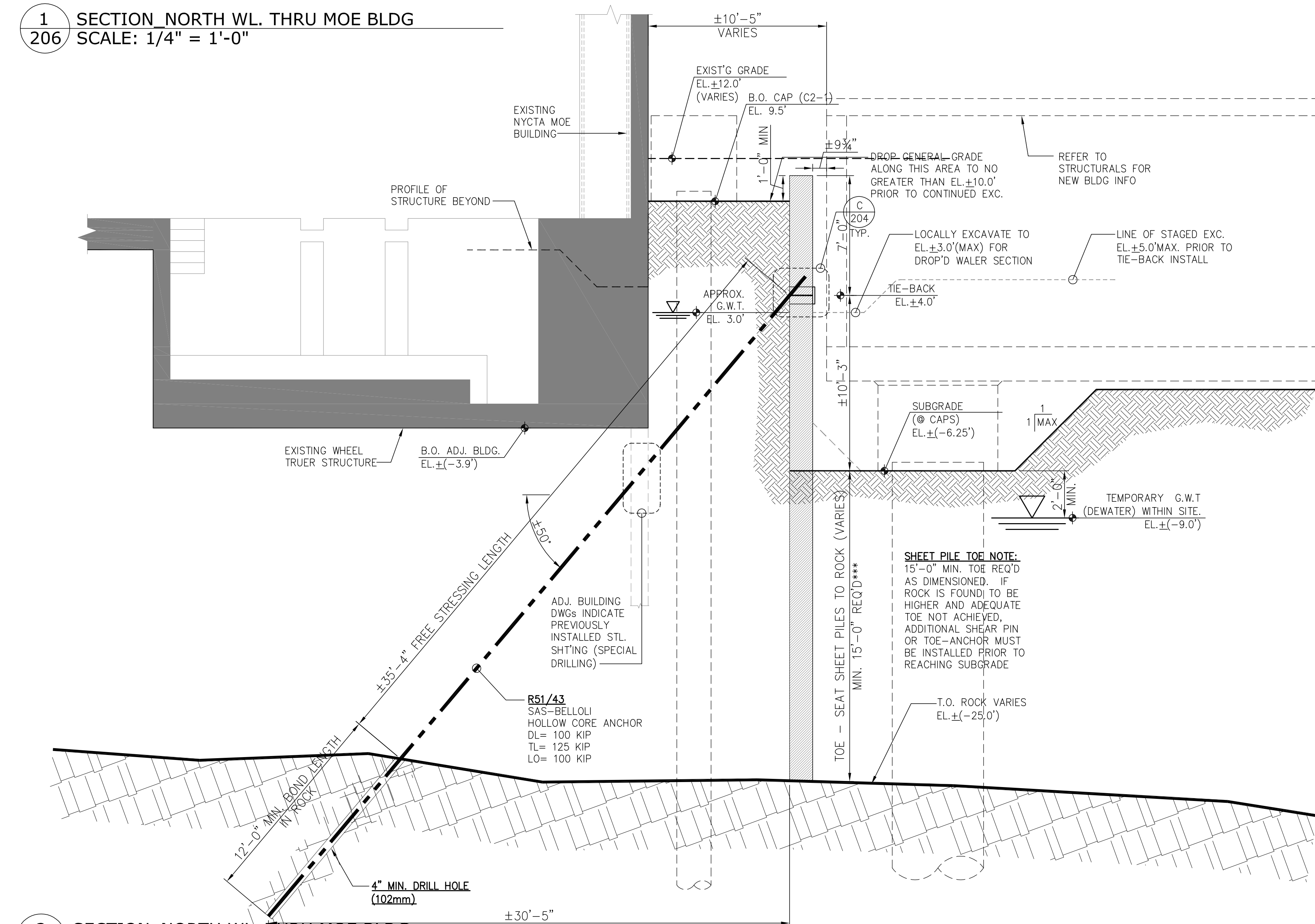




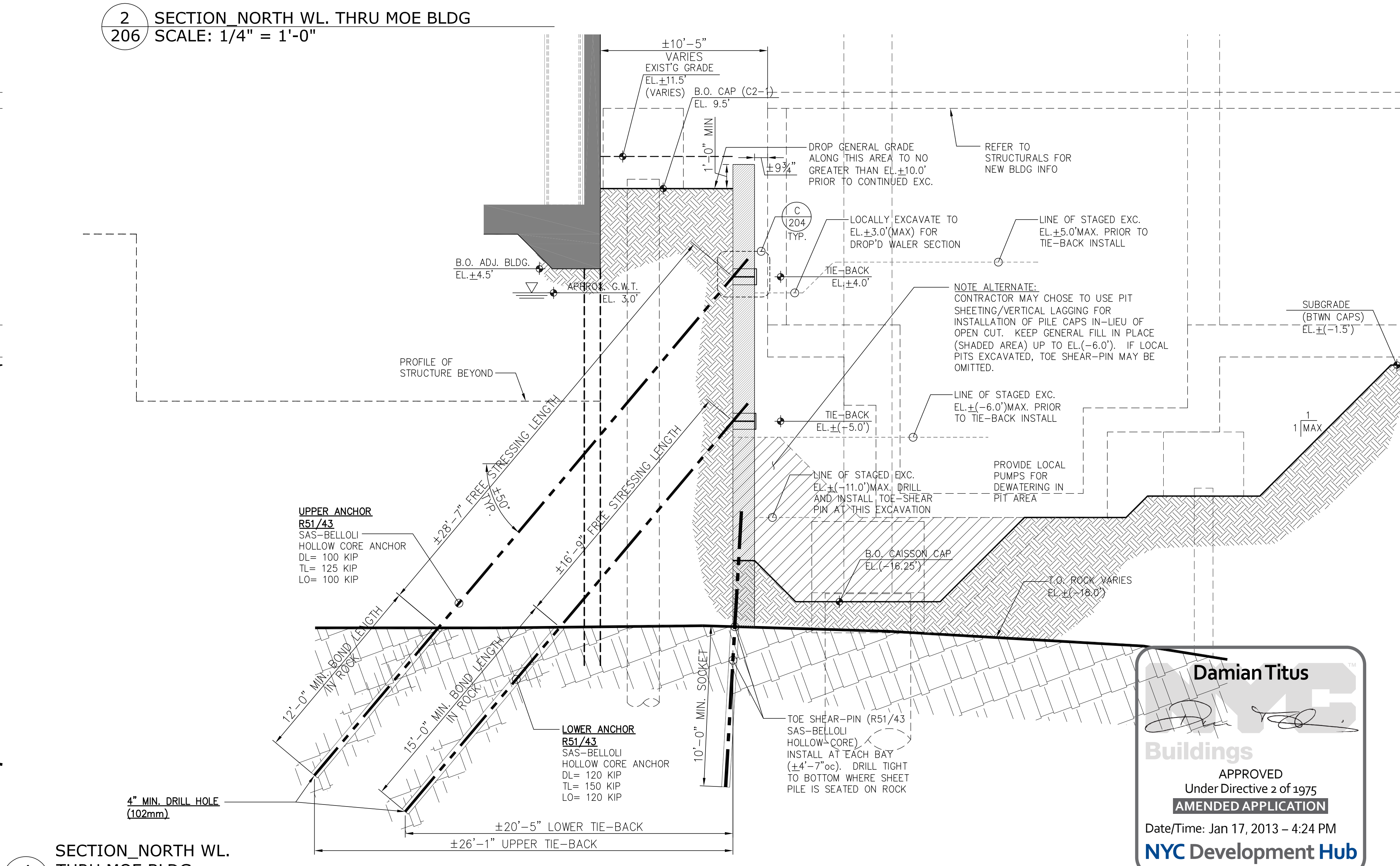
1 SECTION NORTH WL. THRU MOE BLDG  
206 SCALE: 1/4" = 1'-0"



2 SECTION NORTH WL. THRU MOE BLDG  
206 SCALE: 1/4" = 1'-0"



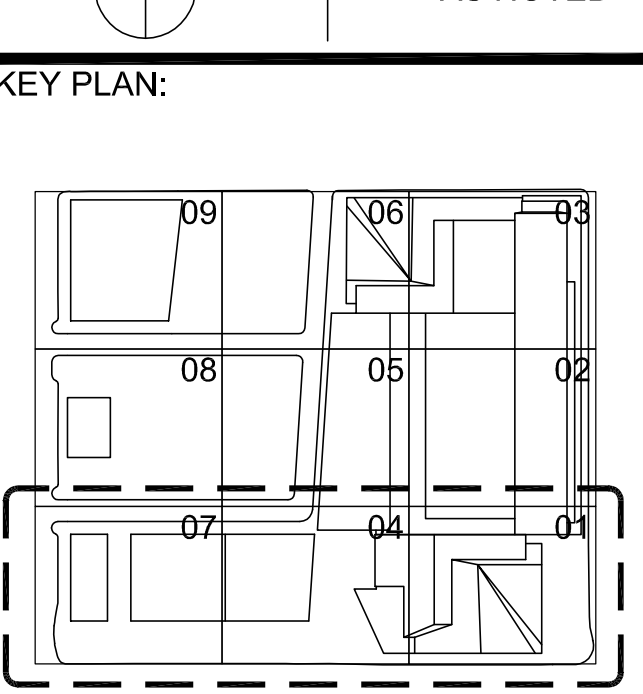
3 SECTION NORTH WL. THRU MOE BLDG  
206 SCALE: 1/4" = 1'-0"



4 SECTION NORTH WL. THRU MOE BLDG  
206 SCALE: 1/4" = 1'-0"

HUDSON YARDS - TOWER C  
501 WEST 30th ST.  
NEW YORK | NEW YORK

UPDATE ISSUE	12-03-12
1 SOE V.E.	11-12-12
N Revision:	Date:



DRAWING TITLE:	
SECTION	
SEAL	Date: 11-02-12
PROJECT N°:	12037
Drawn By:	GM
DWG. N°:	SOE-206.00

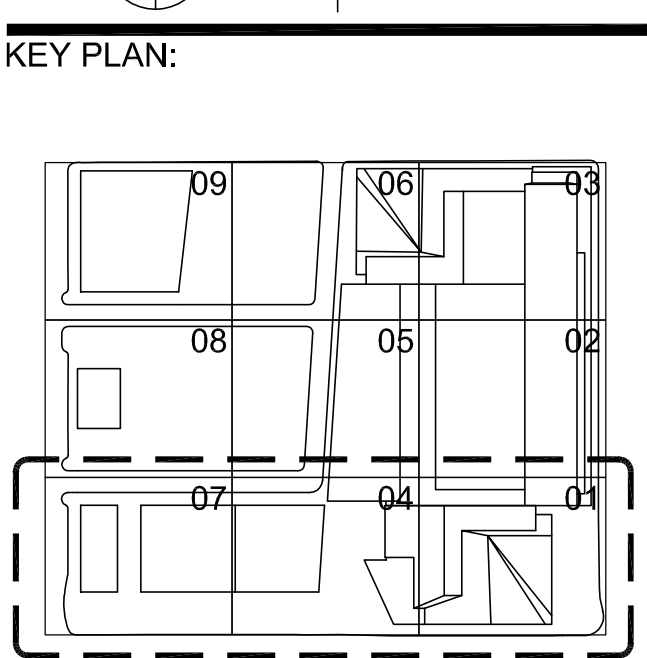
**Damian Titus**  
Buildings  
APPROVED  
Under Directive 2 of 1975  
AMENDED APPLICATION  
Date/Time: Jan 17, 2013 - 4:24 PM  
NYC Development Hub



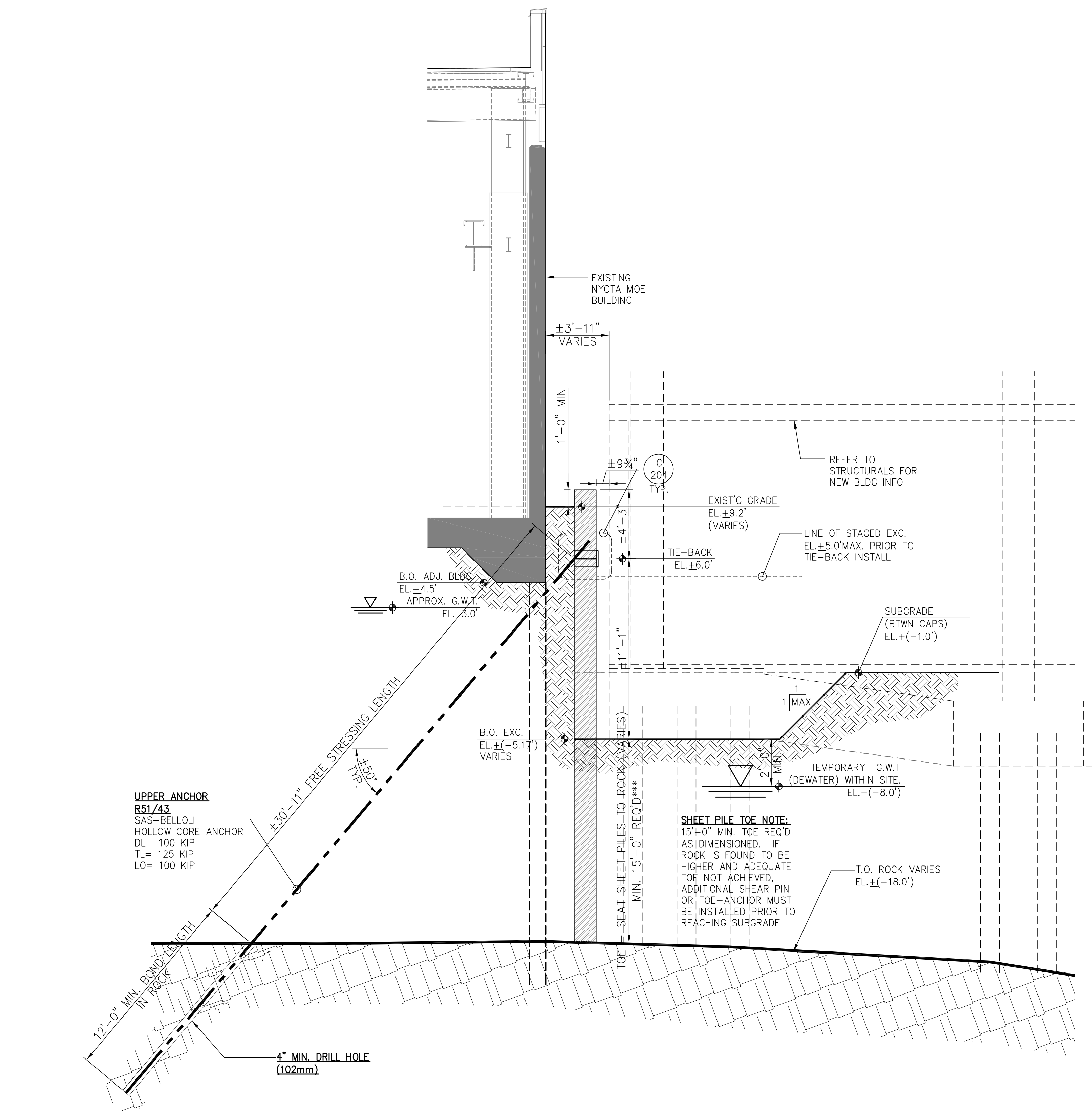
HUDSON YARDS - TOWER C  
**501 WEST 30th ST.**  
NEW YORK | NEW YORK

UPDATE ISSUE	12-03-12
1 SOE V.E.	11-12-12
N° Revision:	Date:

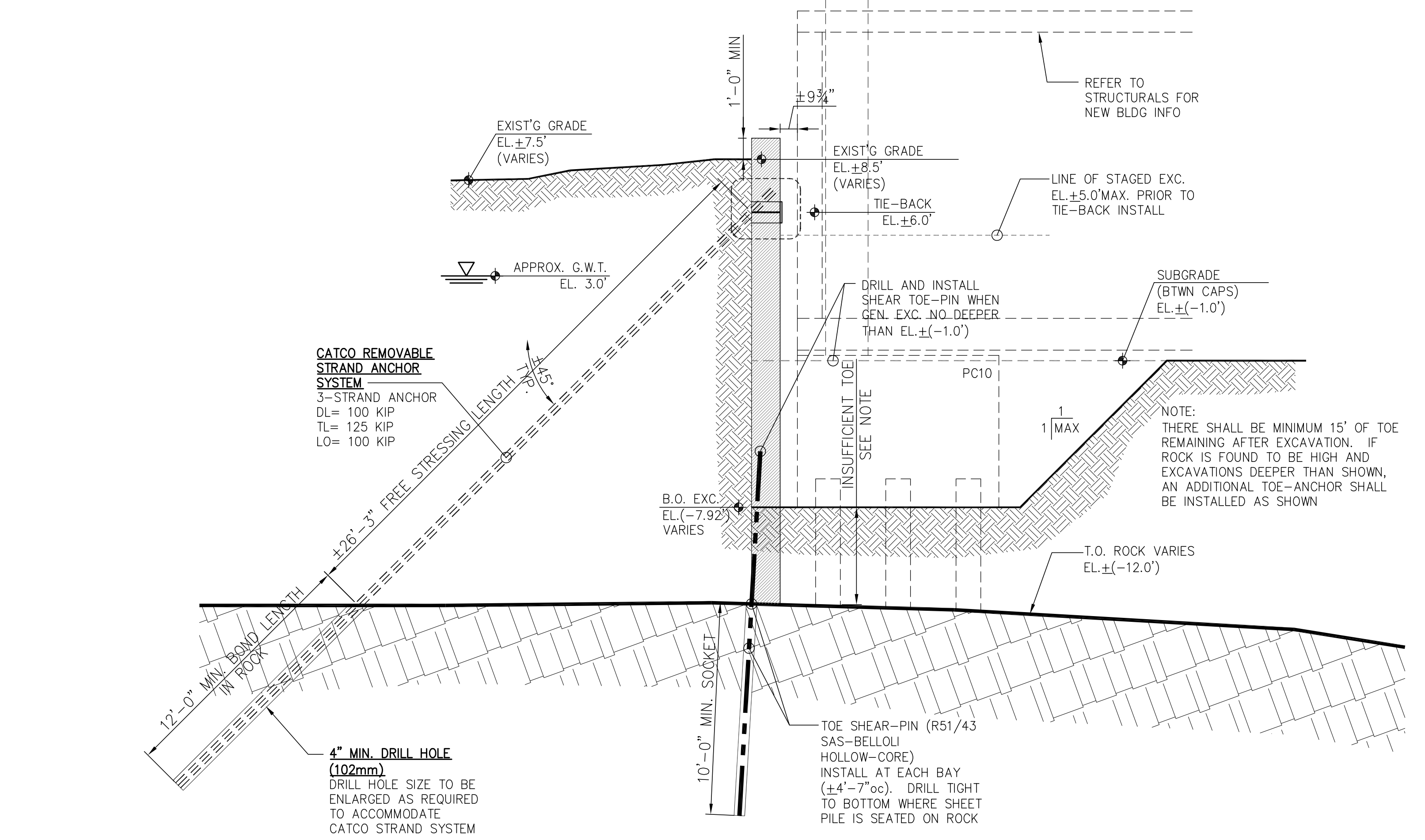
SCALE:	AS NOTED
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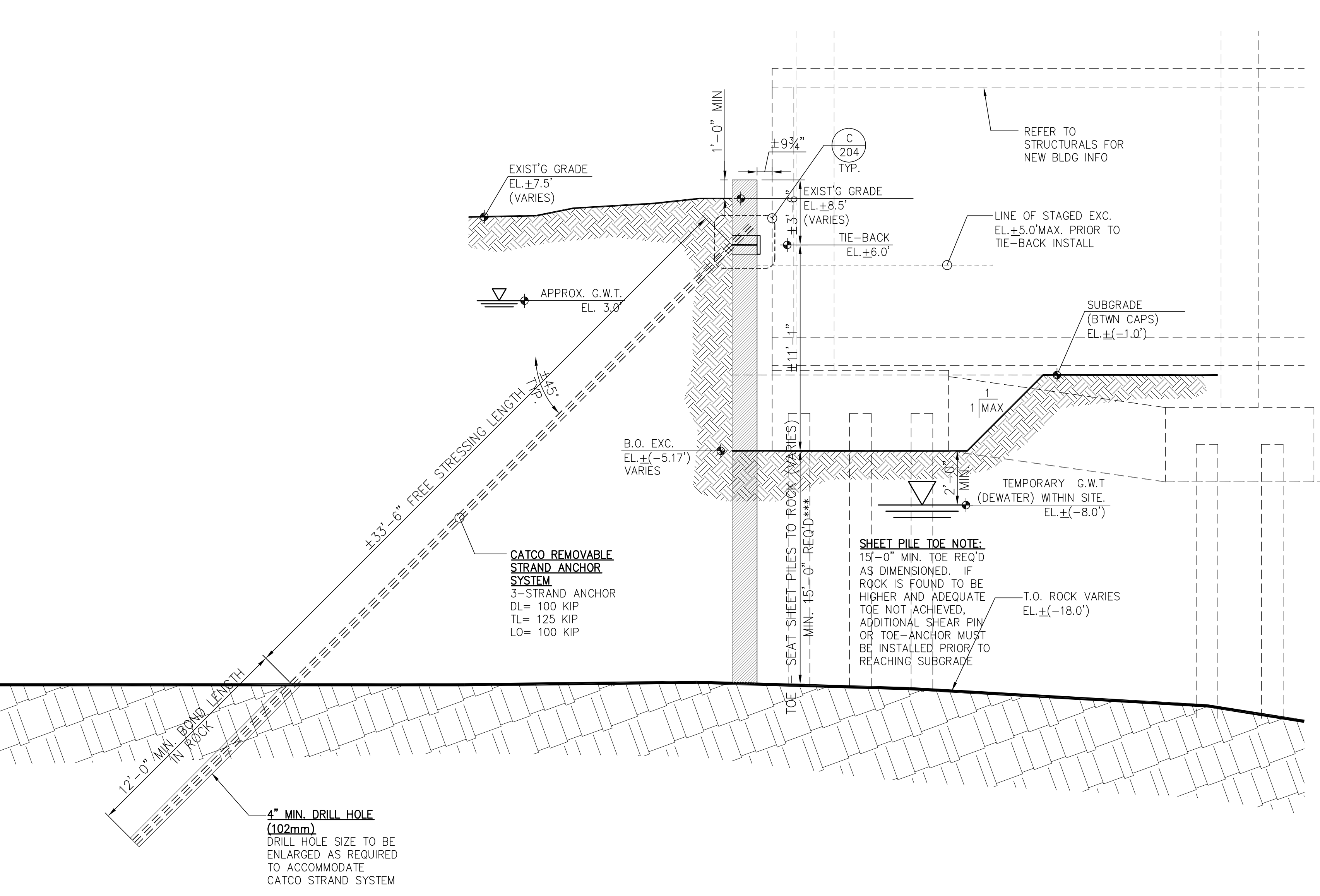
DRAWING TITLE:	
SECTION	
SEAL	Date
PROJECT N°:	12037
Drawn By:	GM
DWG. N°:	SOE-207.00



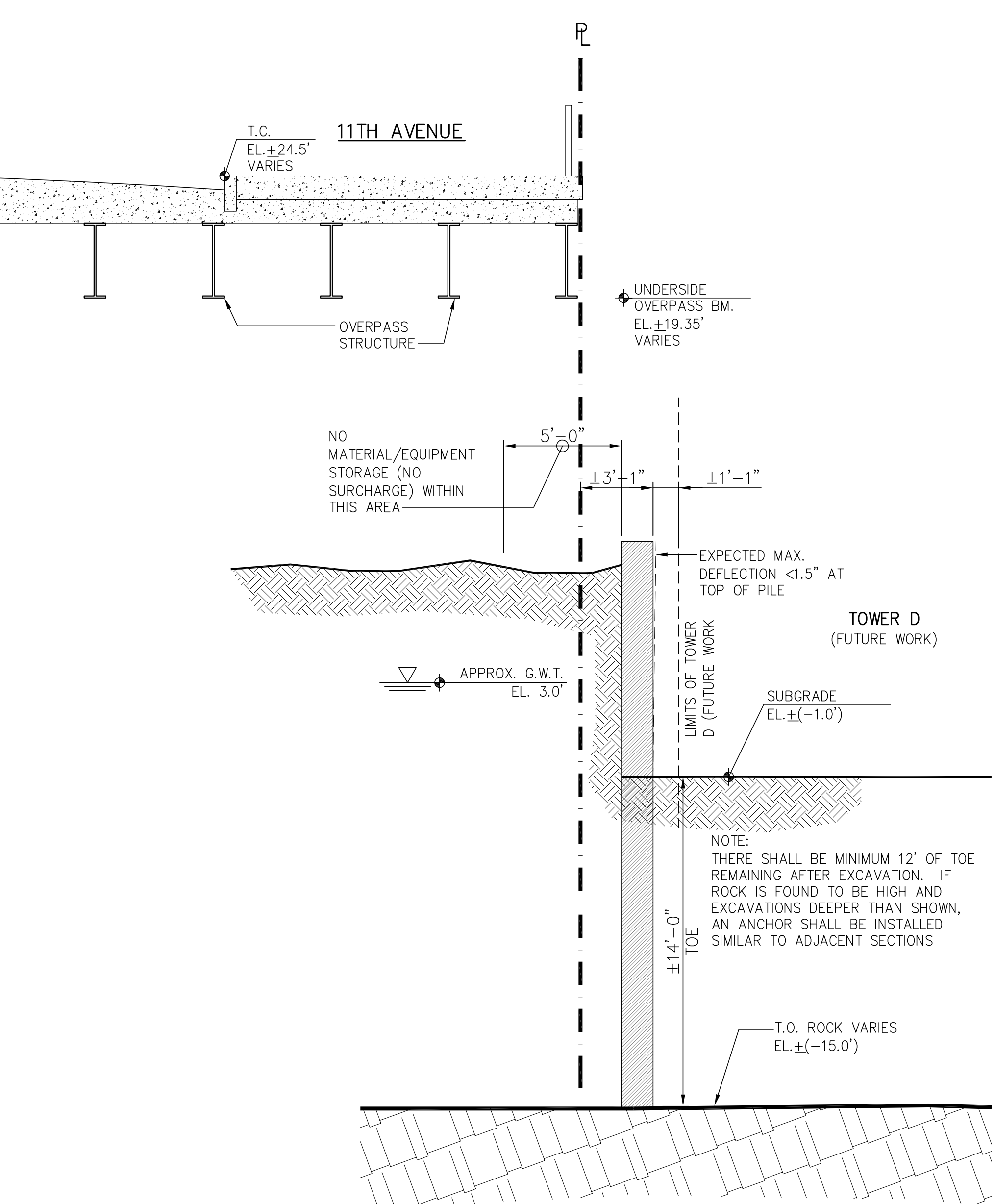
1 SECTION NORTH WL. THRU MOE BLDG.  
207 SCALE: 1/4" = 1'-0"



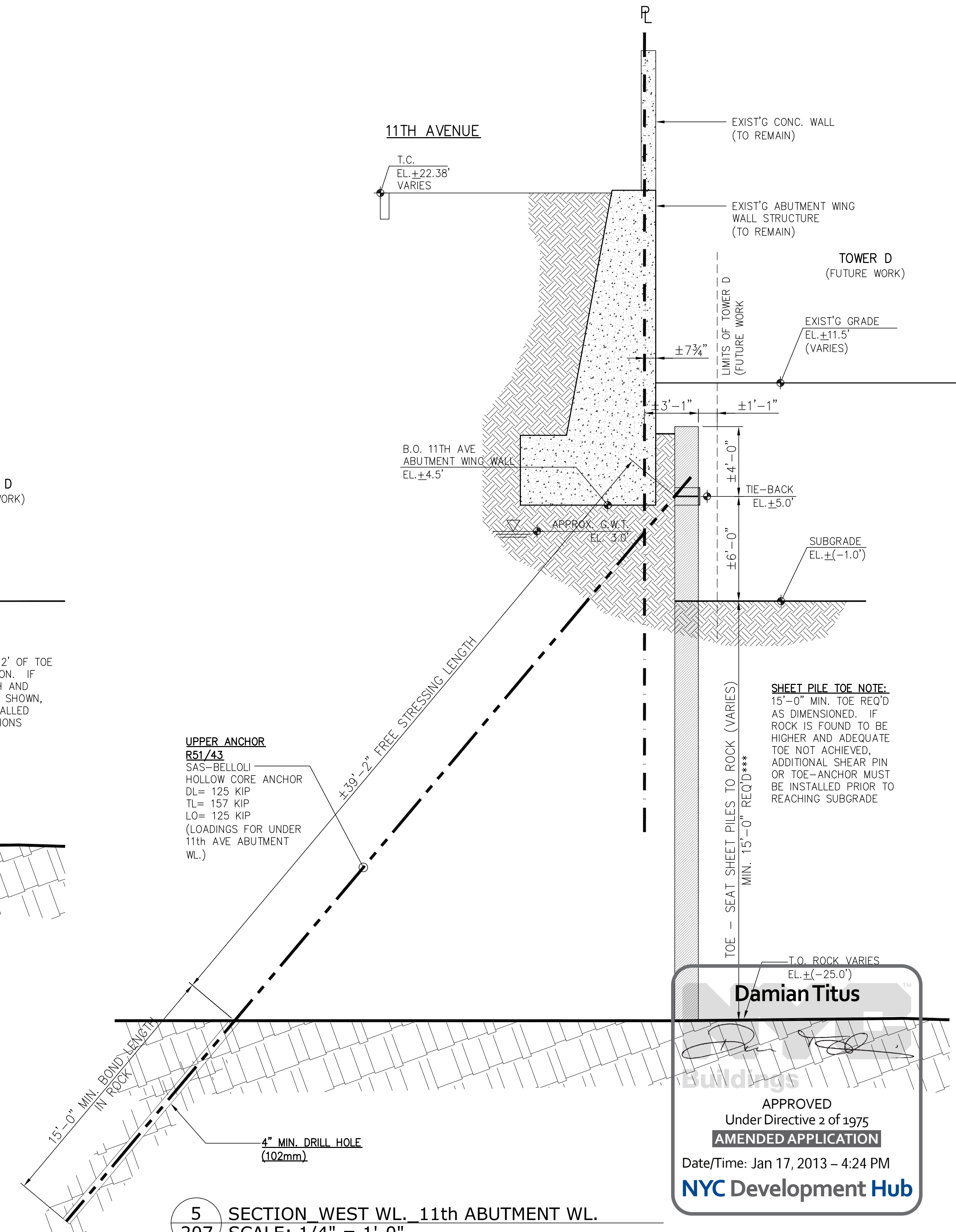
3 SECTION NORTH WL.  
207 SCALE: 1/4" = 1'-0"



2 SECTION NORTH WL.  
207 SCALE: 1/4" = 1'-0"



4 SECTION WEST WL. 11th AVE OVERPASS  
207 SCALE: 1/4" = 1'-0"

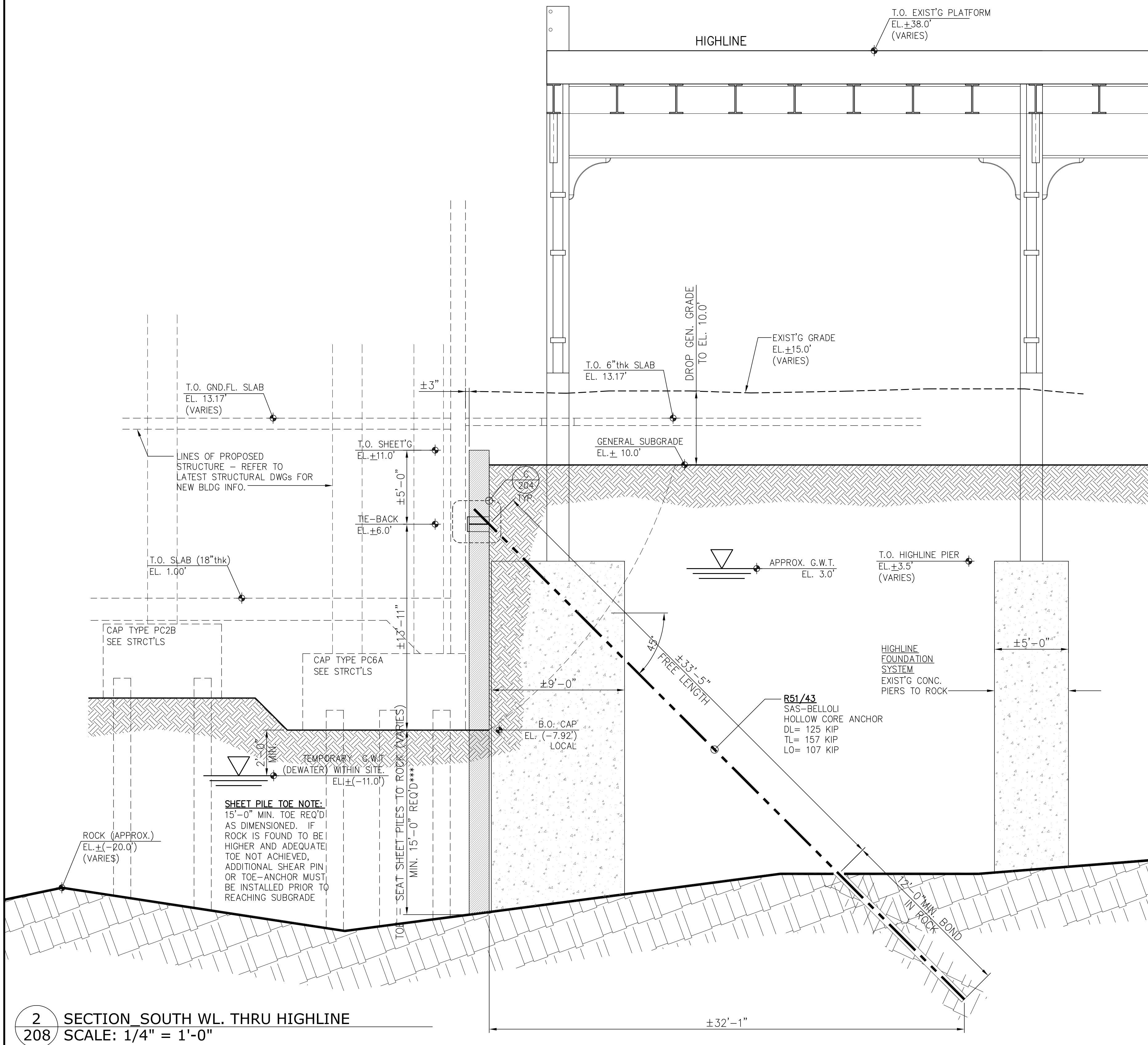


5 SECTION WEST WL. 11th ABUTMENT WL.  
207 SCALE: 1/4" = 1'-0"

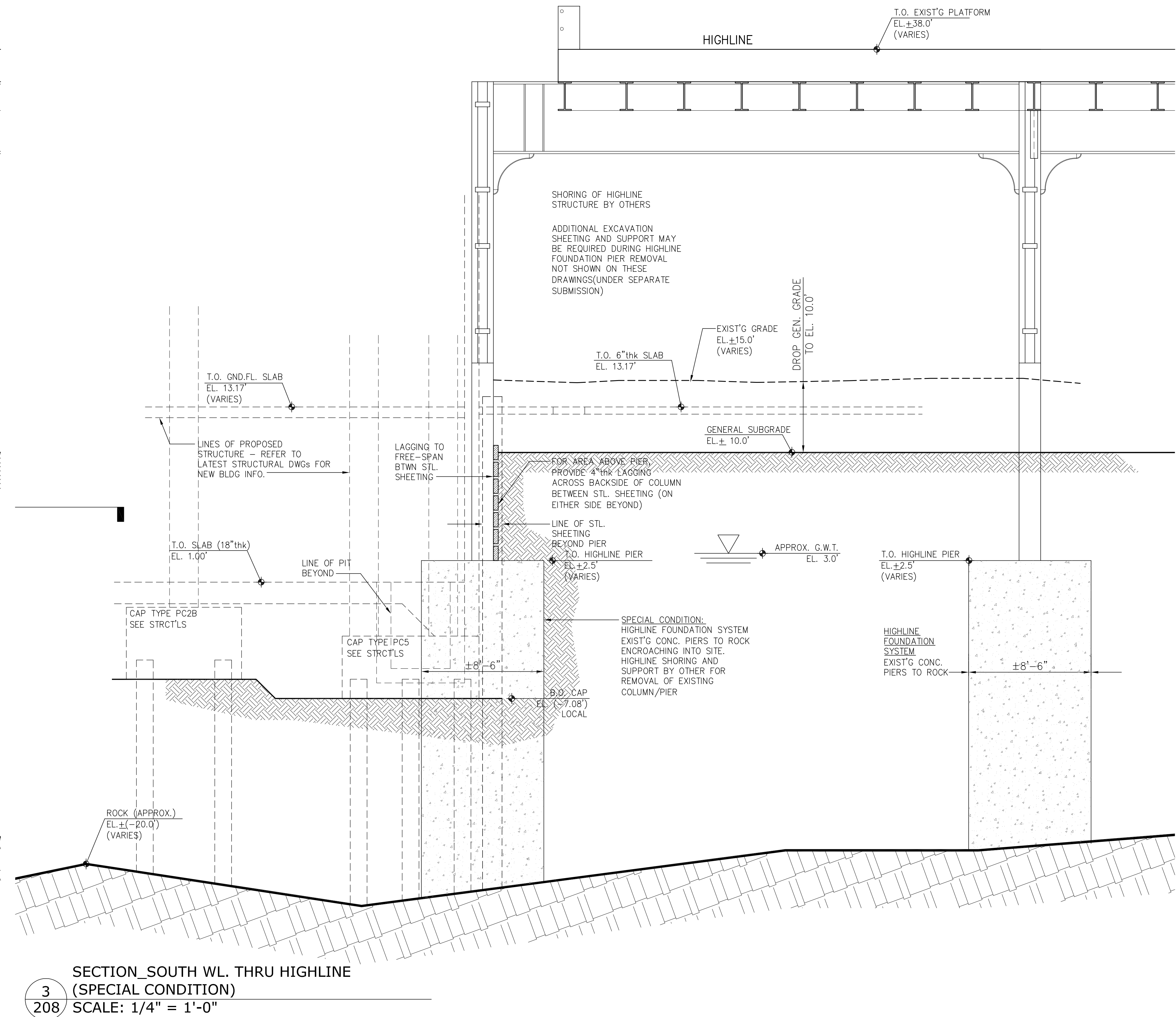
**Damian Titus**

APPROVED  
Under Directive 2 of 1975  
**AMENDED APPLICATION**  
Date/Time: Jan 17, 2013 - 4:24 PM  
**NYC Development Hub**

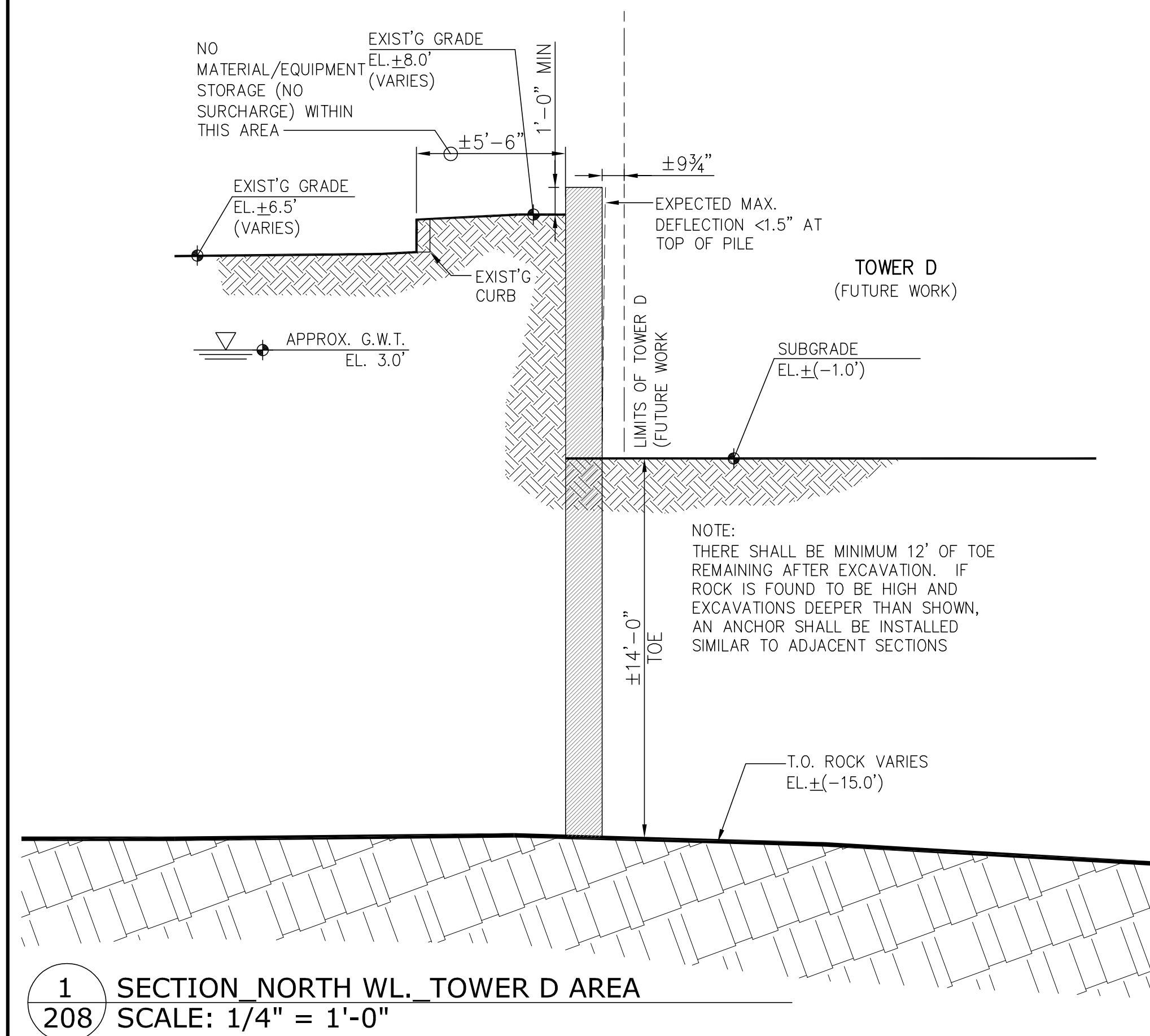




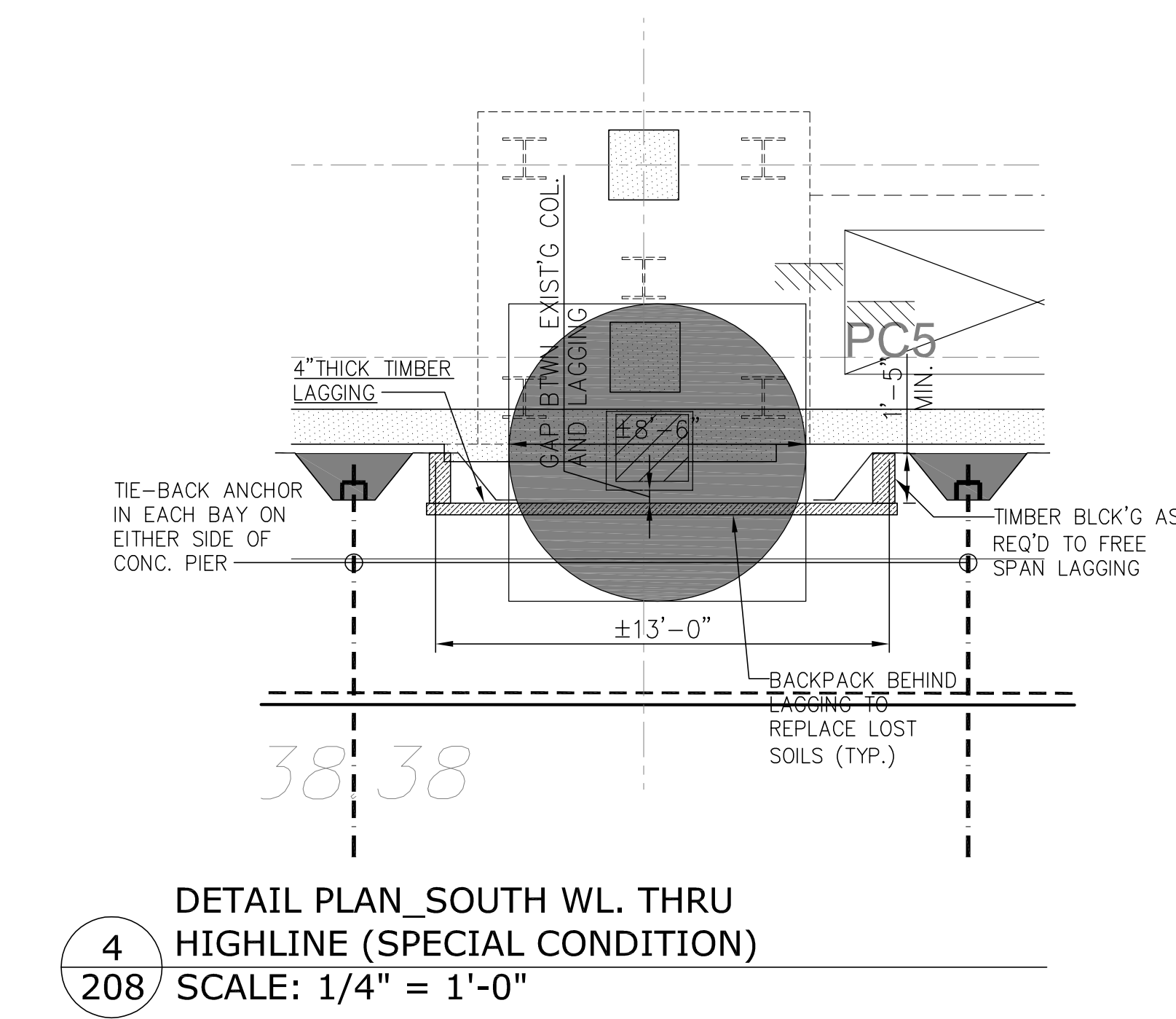
**2** SECTION SOUTH WL. THRU HIGHLINE  
208 SCALE: 1/4" = 1'-0"



**3** SECTION SOUTH WL. THRU HIGHLINE  
(SPECIAL CONDITION)  
208 SCALE: 1/4" = 1'-0"

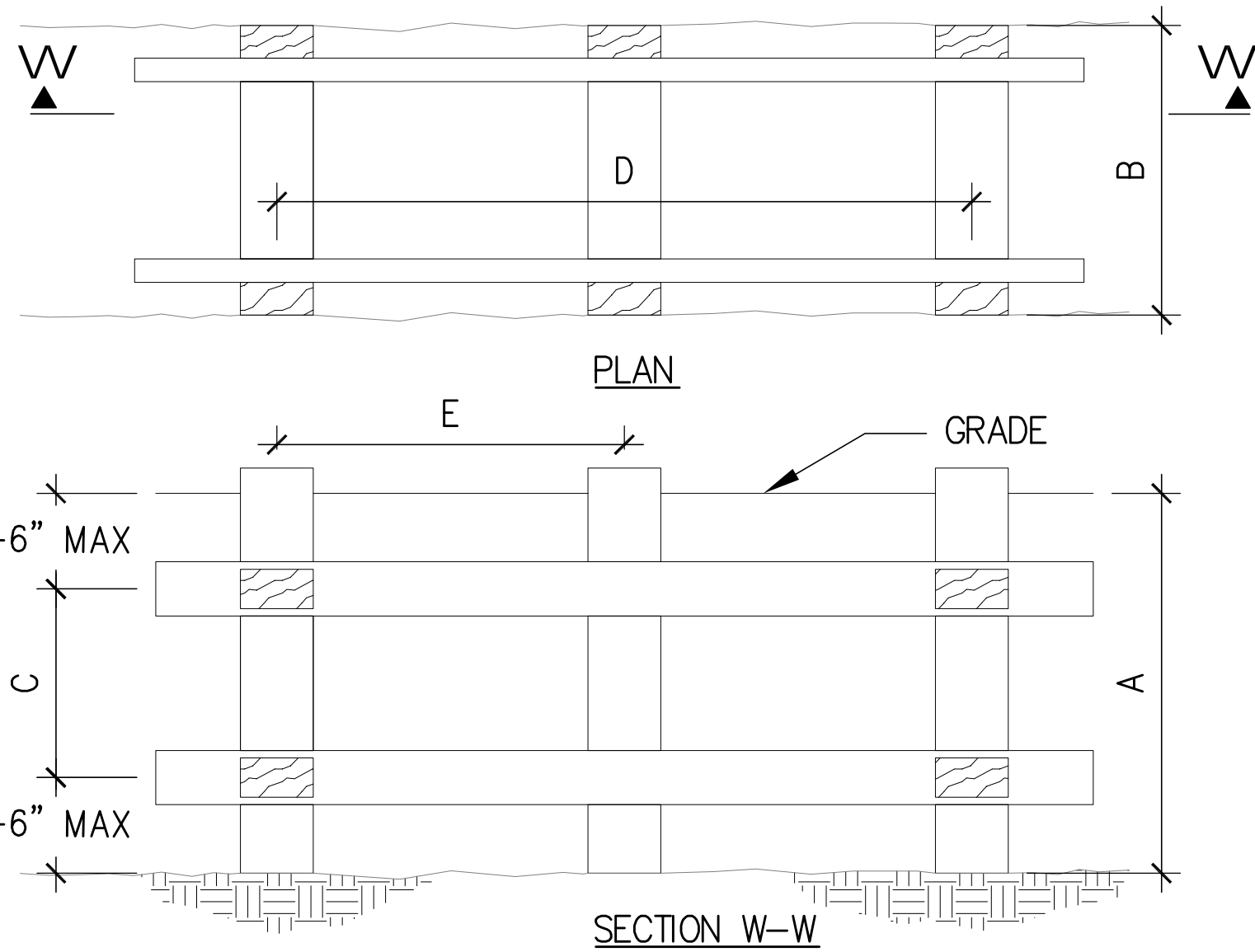


**1** SECTION NORTH WL. TOWER D AREA  
208 SCALE: 1/4" = 1'-0"



**4** DETAIL PLAN SOUTH WL. THRU  
HIGHLINE (SPECIAL CONDITION)  
208 SCALE: 1/4" = 1'-0"





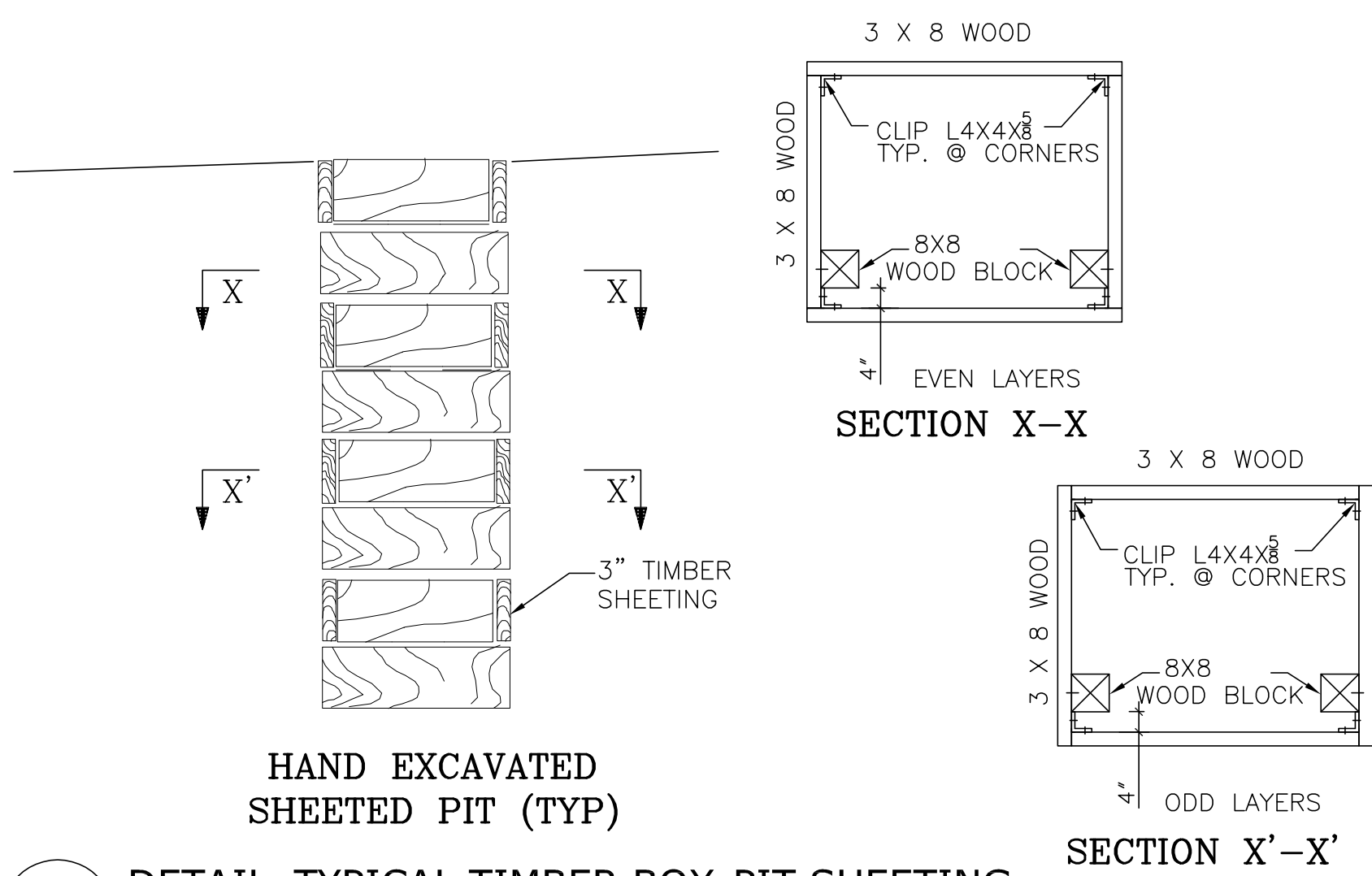
TRENCH SHORING - MINIMUM REQUIREMENTS											
DEPTH OF TRENCH 'A'	KIND OR CONDITION OF EARTH	SIZE AND SPACING OF MEMBERS									
		UPRIGHTS (SHEETING)		STRINGERS (RANGER)		CROSS BRACES (NOTE 1)					
		MIN DIM	MAX SPACING 'E'	MIN DIM	MAX SPACING 'C'	WIDTH OF TRENCH 'B'		VERT 'C'		MAX SPACING 'D'	
FEET		INCHES	FEET	INCHES	FEET	INCHES	INCHES	INCHES	INCHES	FEET	FEET
5 TO 10	HARD, COMPACT	3X4 OR 2X6	6	---	---	2 X 6	4 X 4	4 X 6	6 X 6	4	6
	LIKELY TO CRACK	3X4 OR 2X6	3	4 X 6	4	2 X 6	4 X 4	4 X 6	6 X 6	4	6
10 TO 15	SOFT, SANDY, OR FILLED	3X4 OR 2X6	CLOSE SHEETING	4 X 6	4	4 X 4	4 X 6	6 X 6	6 X 8	4	6
	HYDROSTATIC PRESSURE	3X4 OR 2X6	CLOSE SHEETING	6 X 8	4	4 X 4	4 X 6	6 X 6	6 X 8	4	6
15 TO 20	HARD	3X4 OR 2X6	4	4 X 6	4	4 X 4	4 X 6	6 X 6	6 X 8	4	6
	LIKELY TO CRACK	3X4 OR 2X6	2	4 X 6	4	4 X 4	4 X 6	6 X 6	6 X 8	4	6
20 TO 25	SOFT, SANDY, OR FILLED	3X4 OR 2X6	CLOSE SHEETING	4 X 6	4	4 X 6	6 X 6	6 X 8	8 X 8	4	6
	HYDROSTATIC PRESSURE	3 X 6	CLOSE SHEETING	8 X 10	4	4 X 6	6 X 6	6 X 8	8 X 8	4	6
25 TO 30	ALL KINDS OF CONDITIONS	3 X 6	CLOSE SHEETING	4 X 12	4	4 X 12	6 X 8	8 X 8	8 X 10	4	6

NOTES:

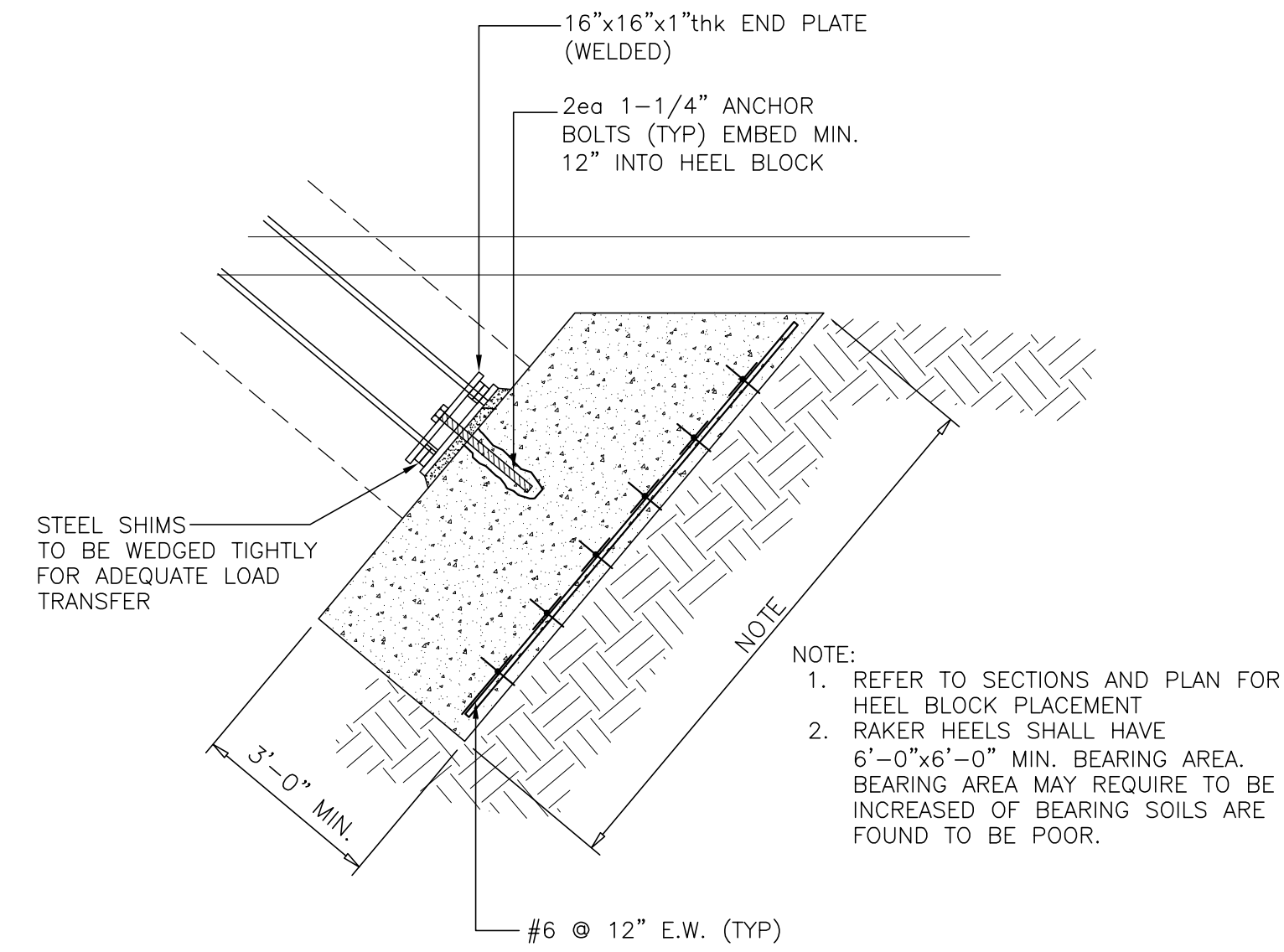
- TRENCH JACKS, PIPE JACKS OR SCREW JACKS OF ADEQUATE CAPACITY MAY BE USED IN LIEU, OF OR IN COMBINATION WITH TIMBER CROSS BRACES.
- SHORING IS NOT REQUIRED IN SOLID ROCK, HARD SHALE OR HARD SLAG INSPECTION REQUIRED FOR FROST DAMAGE OR OTHER SPLITTING IN THE ROCK SHELF BRACE OR SNORE SUSPECT AREAS.
- WHERE DESIRABLE, STEEL SHEET PILING AND BRACING OF EQUAL STRENGTH MAY BE SUBSTITUTED FOR WOOD.
- TIMBER USED SHALL BE SOUND AND FREE FROM LARGE OR LOOSE KNOTS.
- SHORING MAY BE REQUIRED AT LESS THAN 5 FEET IF SOFT RUNNING SOIL CONDITIONS ARE DISCOVERED.

SHEETING FOR PITS AND TRENCHES

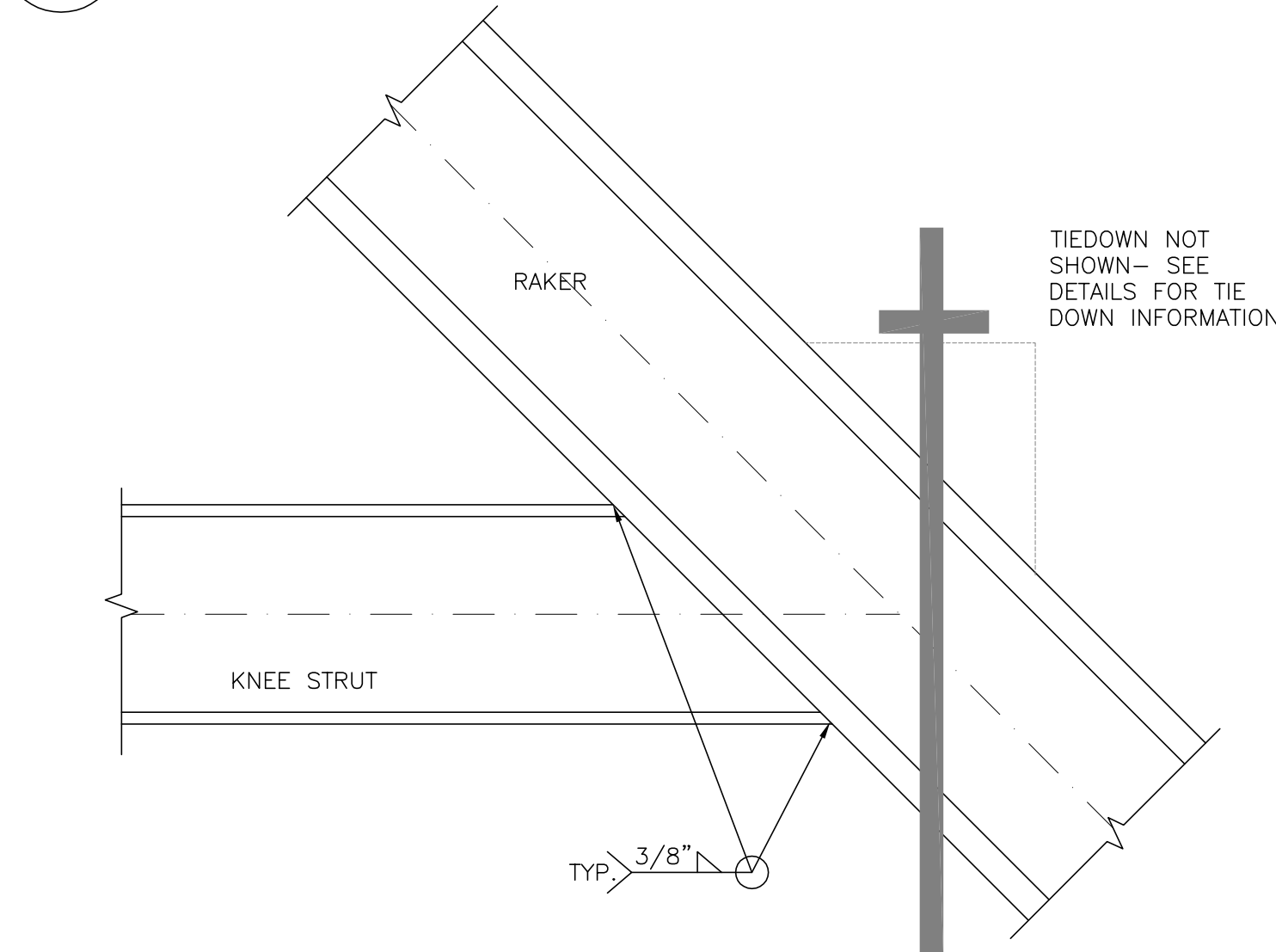
**DETAIL\_TYICAL TIMBER SHEETING FOR PITS AND TRENCHES**  
SCALE: N.T.S.



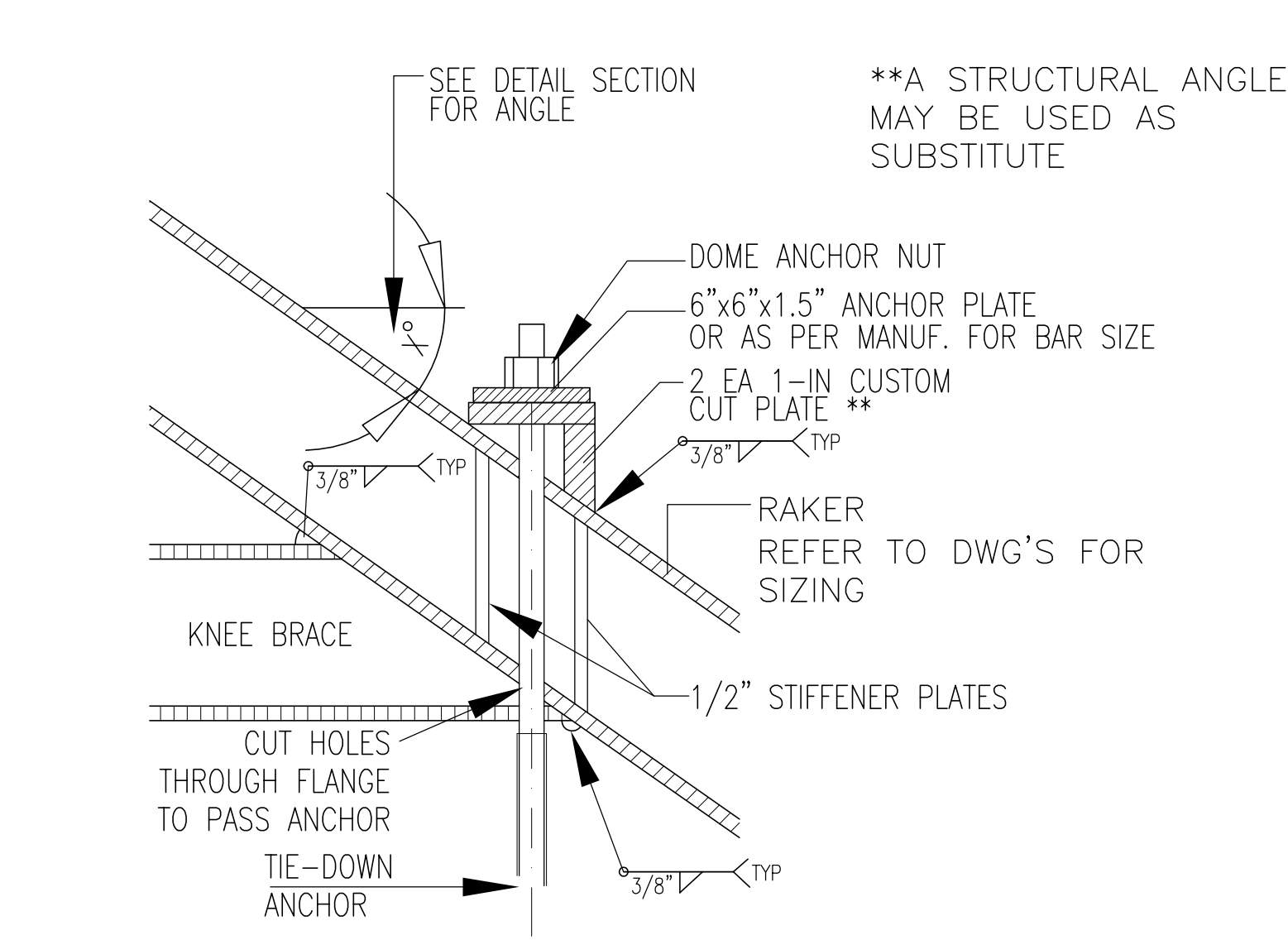
**2**  
**400** **DETAIL\_TYICAL TIMBER BOX-PIT SHEETING**  
SCALE: N.T.S.



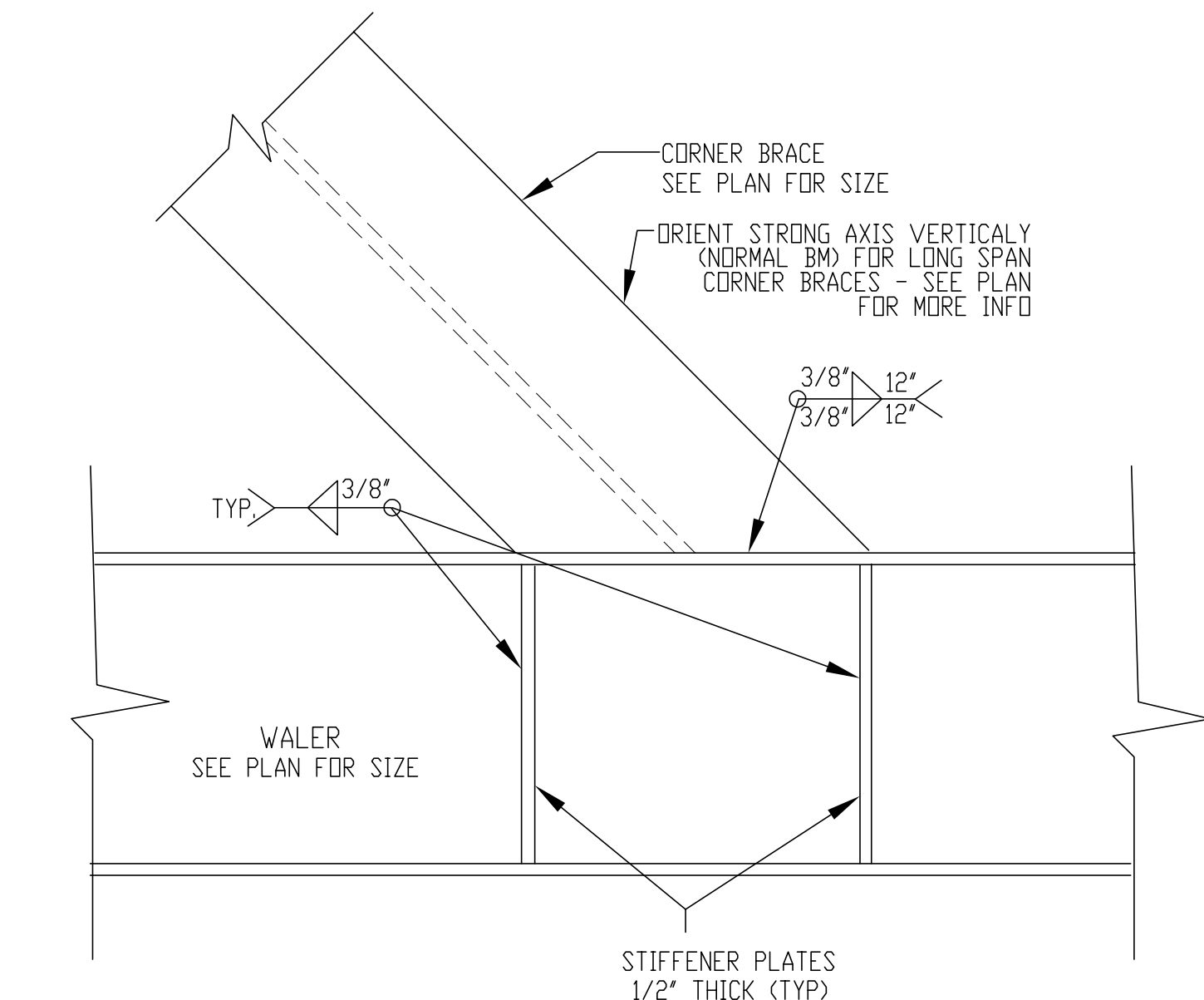
**3**  
**400** **DETAIL\_TYICAL RAKER HEEL BLOCK**  
SCALE: N.T.S.



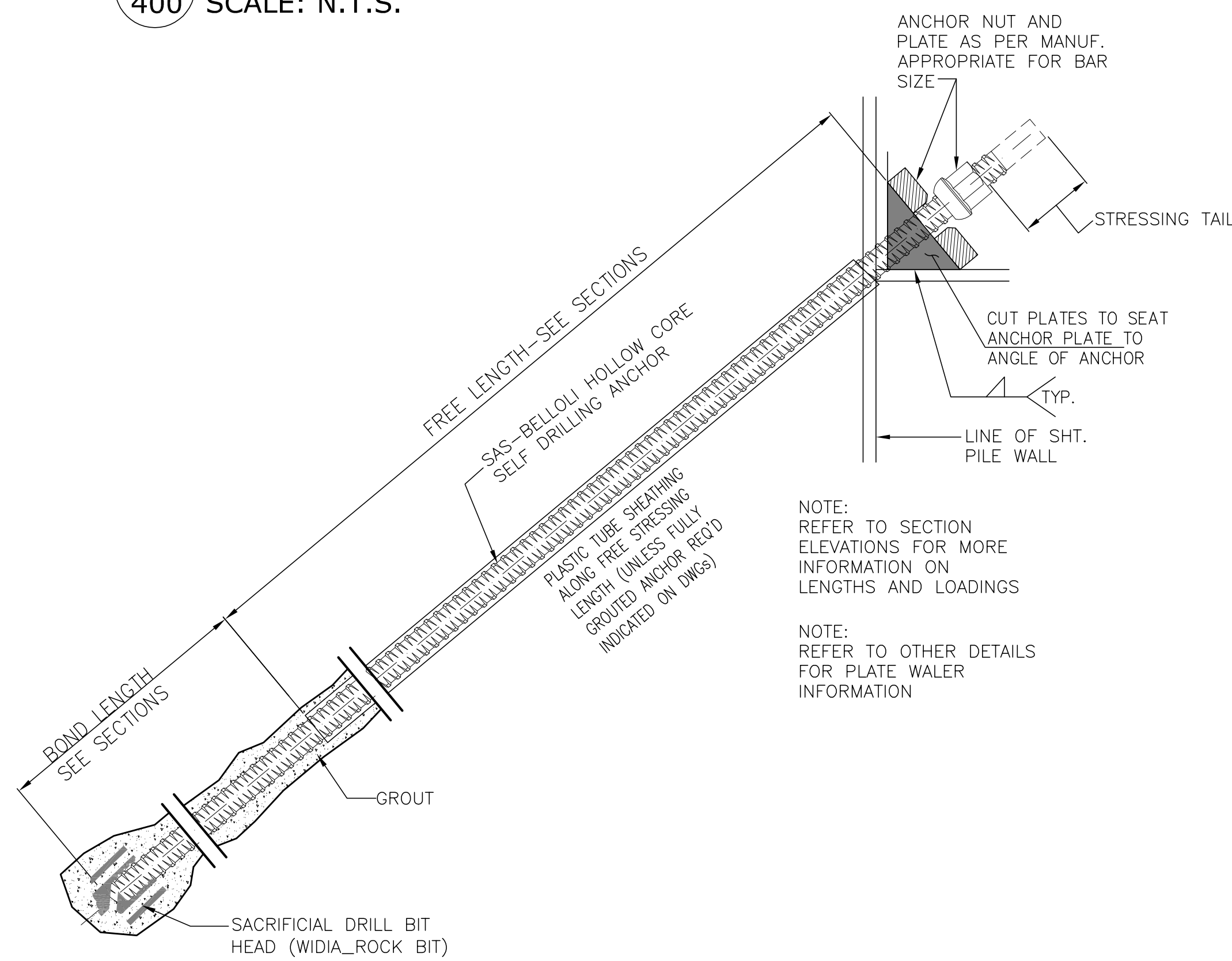
**4**  
**400** **DETAIL\_TYICAL RAKER/KNEE BRACE CONNECTION**  
SCALE: N.T.S.



**5**  
**400** **DETAIL\_TYICAL TIE-DOWN THRU RAKER**  
SCALE: N.T.S.



**6**  
**400** **DETAIL\_CORNER BRACE/WALER CONNECTION**  
SCALE: N.T.S.



**7**  
**400** **DETAIL\_TYICAL TIE-BACK ANCHOR**  
SCALE: N.T.S.