



WBK Engineering Services Pvt. Ltd. **WBK**



Sample drawings  
Precast parking garages

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## Introduction

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Company: WBK Engineering Services Pvt. Ltd.

Location: Gurgaon, India

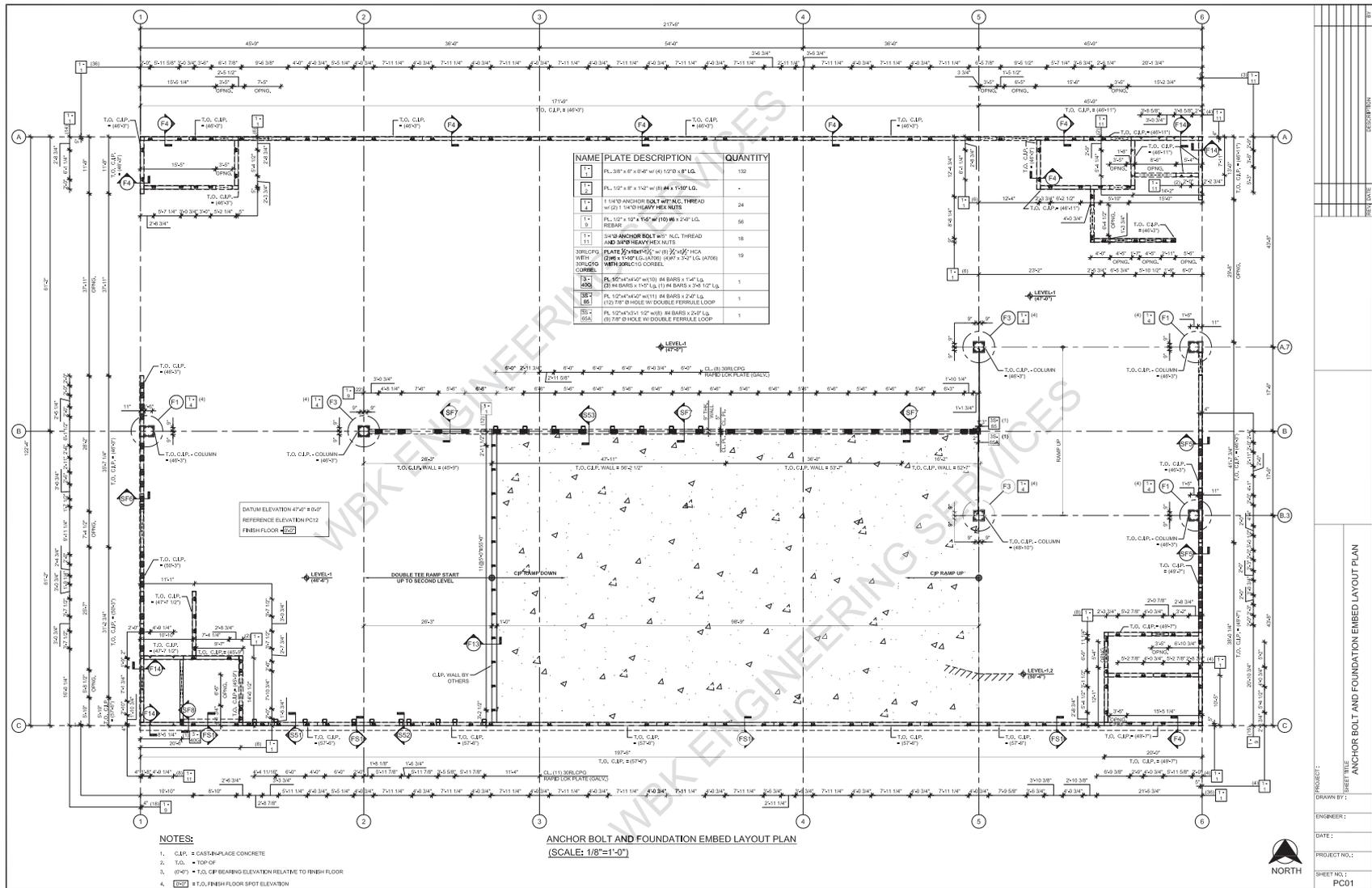
Activities: Precast concrete design and detailing  
Precast 3D modeling and BIM  
Precast detailing outsourcing services

Website: [www.wbkengineers.com](http://www.wbkengineers.com)

Email: [info@wbkengineers.com](mailto:info@wbkengineers.com)

WBK Engineering Services is a specialty precast design, detailing and engineering firm that has been operating in the engineering services outsourcing business since 2005. The company is based in India and is offering precast detailing services to clients around the globe. Our in-house precast detailing team is utilizing CAD and BIM software to prepare precast drawings from concept design to production stage. Building Information Modeling software like Revit and Tekla is used by our team to prepare 3D precast models and precast Bim models including all details for fabrication, installation and erection. Over the years we have been involved in some of the state-of-the-art precast concrete building projects in Europe, USA, Asia, Australia and New Zealand.





PROJECT NO.:  
SHEET NO.:  
PC01

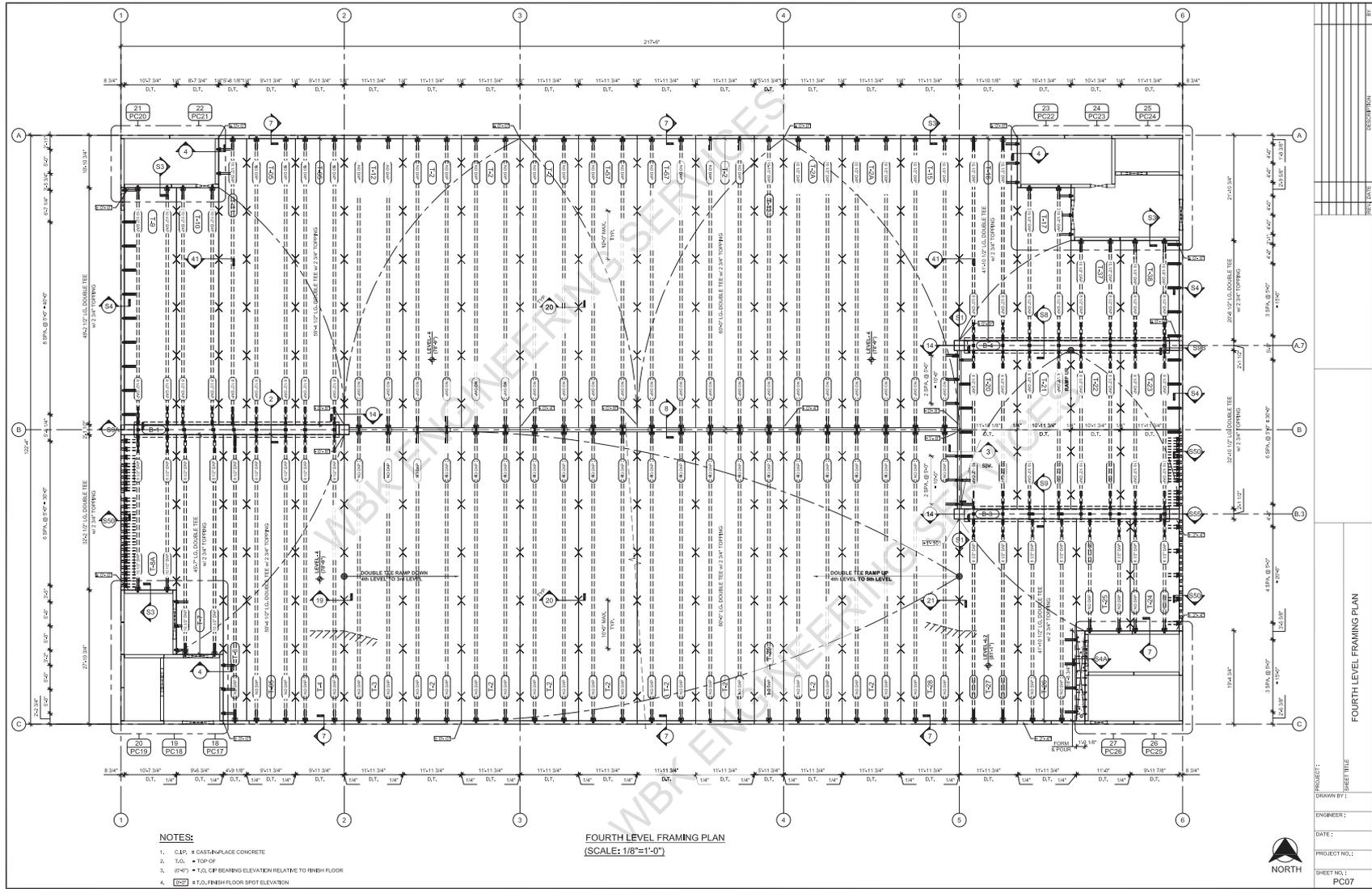
PROJECT TITLE:  
ANCHOR BOLT AND FOUNDATION EMBED LAYOUT PLAN

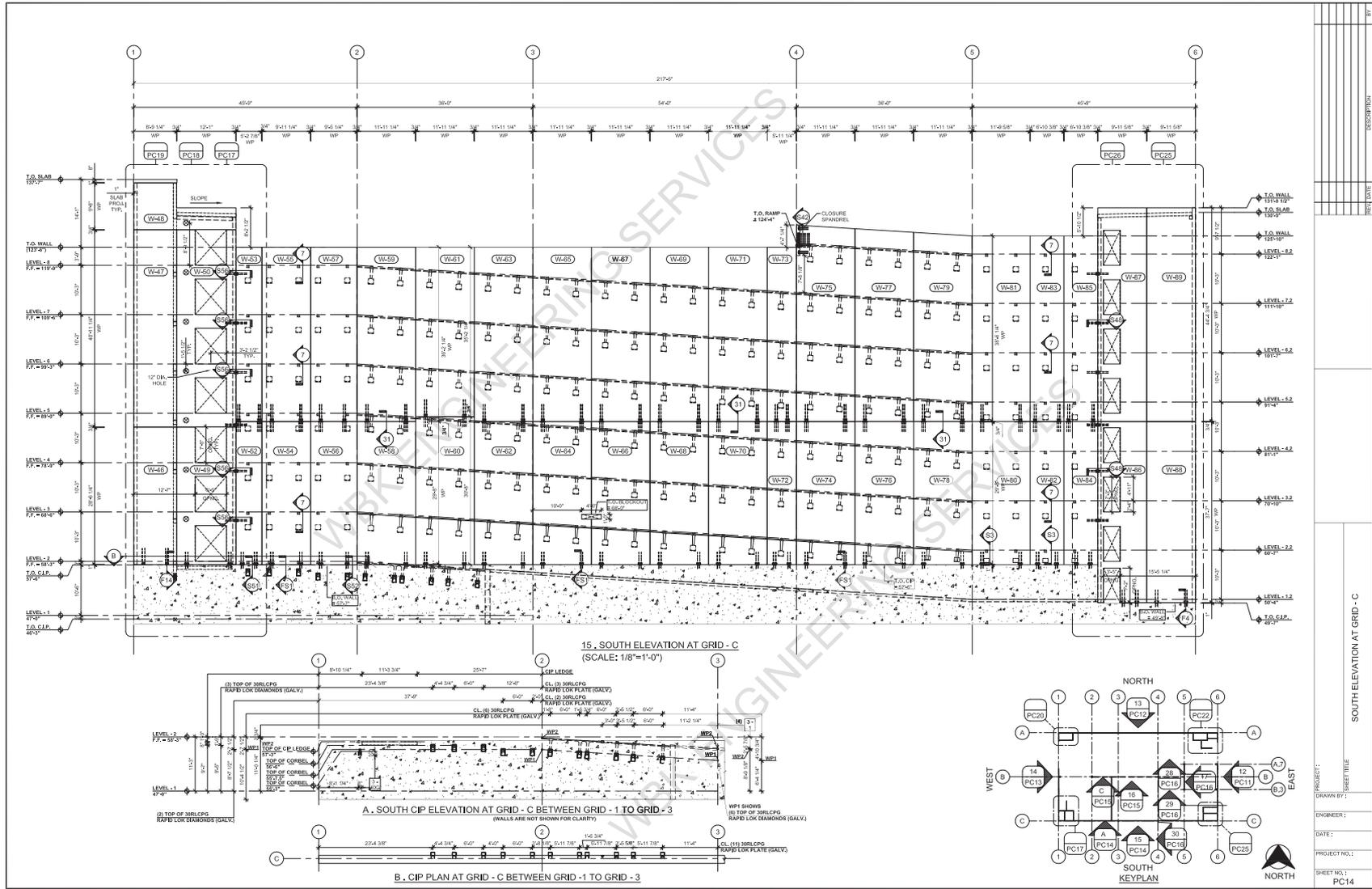
ENGINEER:  
DATE:

DRAWN BY:  
DATE:

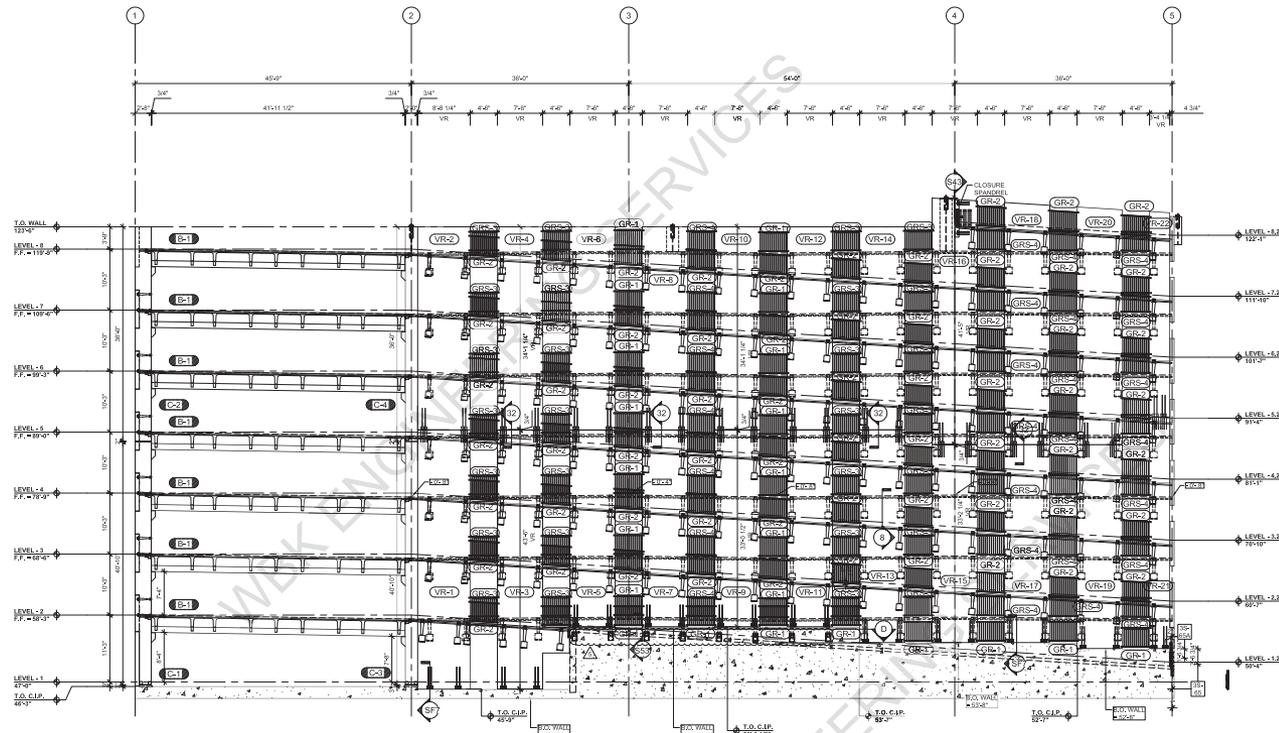
PROJECT NO.:  
SHEET NO.:  
PC01

**NORTH**

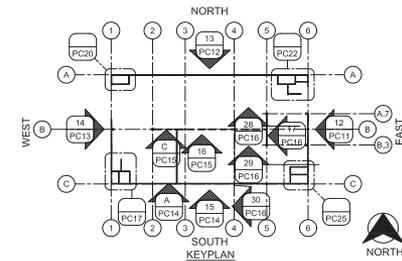
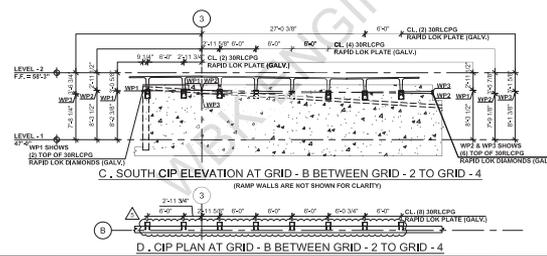




PROJECT NO.:	PC14
DATE:	
ENGINEER:	
DRAWN BY:	
SHEET TITLE:	SOUTH ELEVATION AT GRID - C
PROJECT NO.:	PC14
SHEET NO.:	PC14

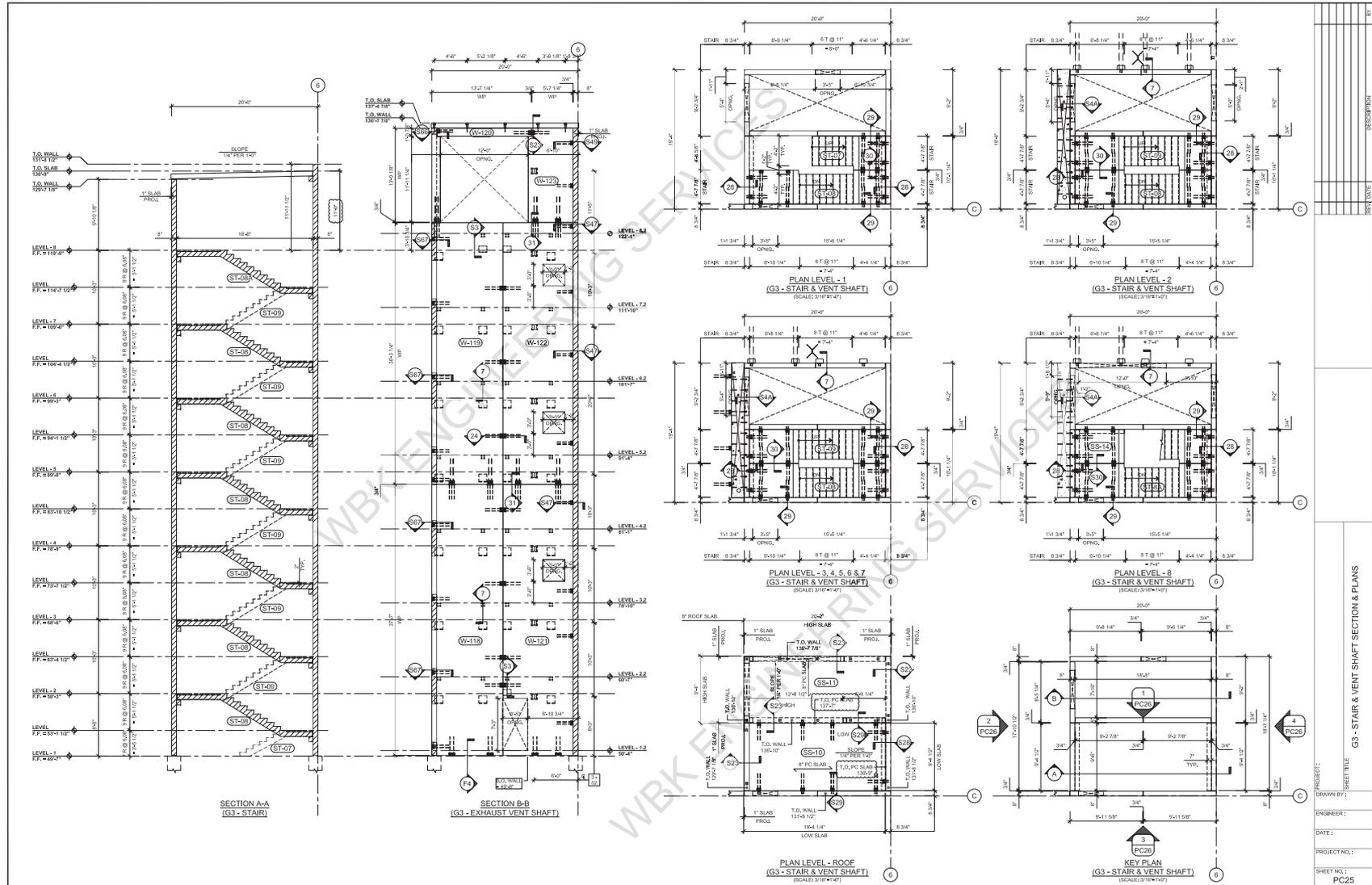


16. SOUTH ELEVATION AT GRID - B  
(SCALE: 1/8"=1'-0")

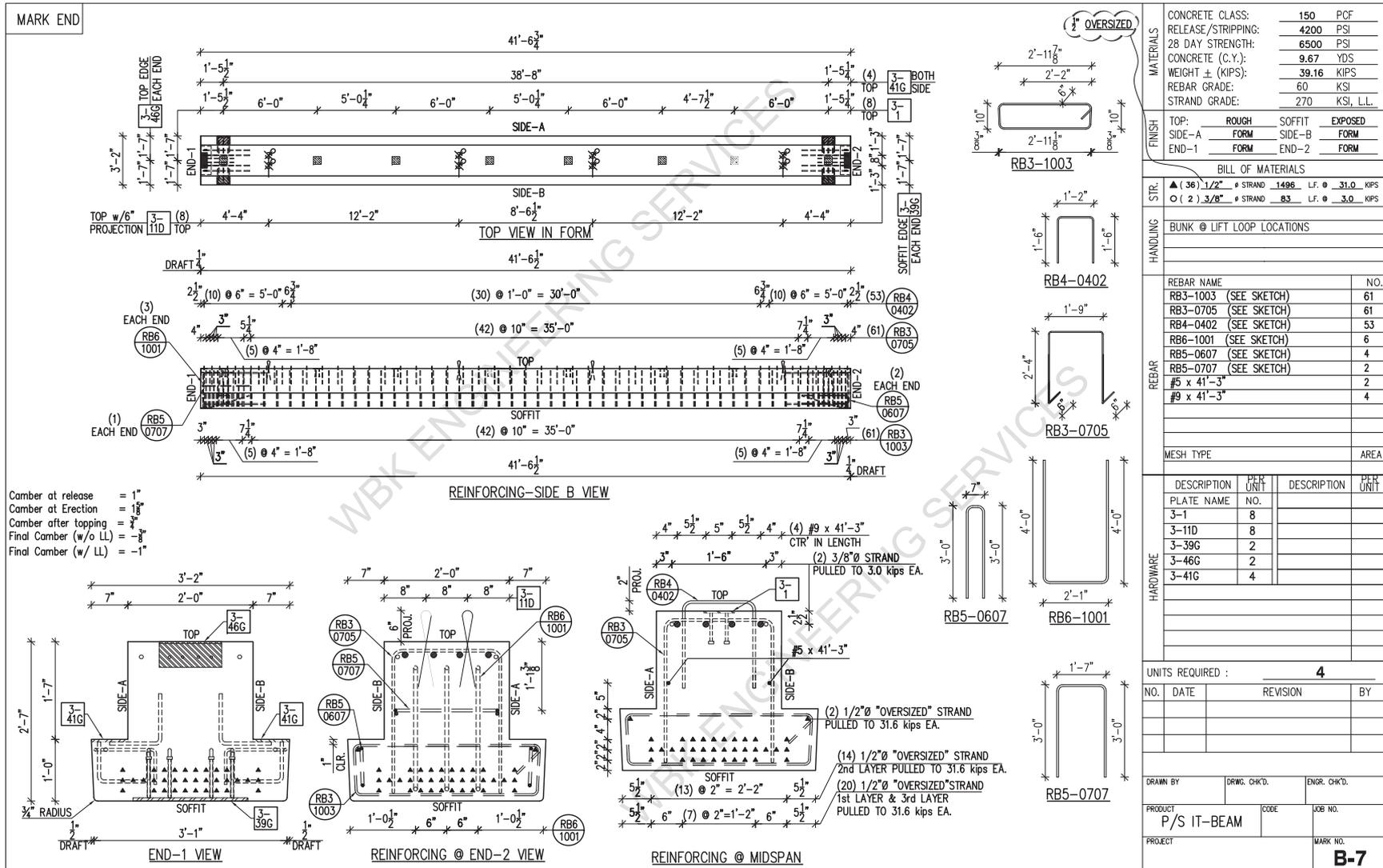


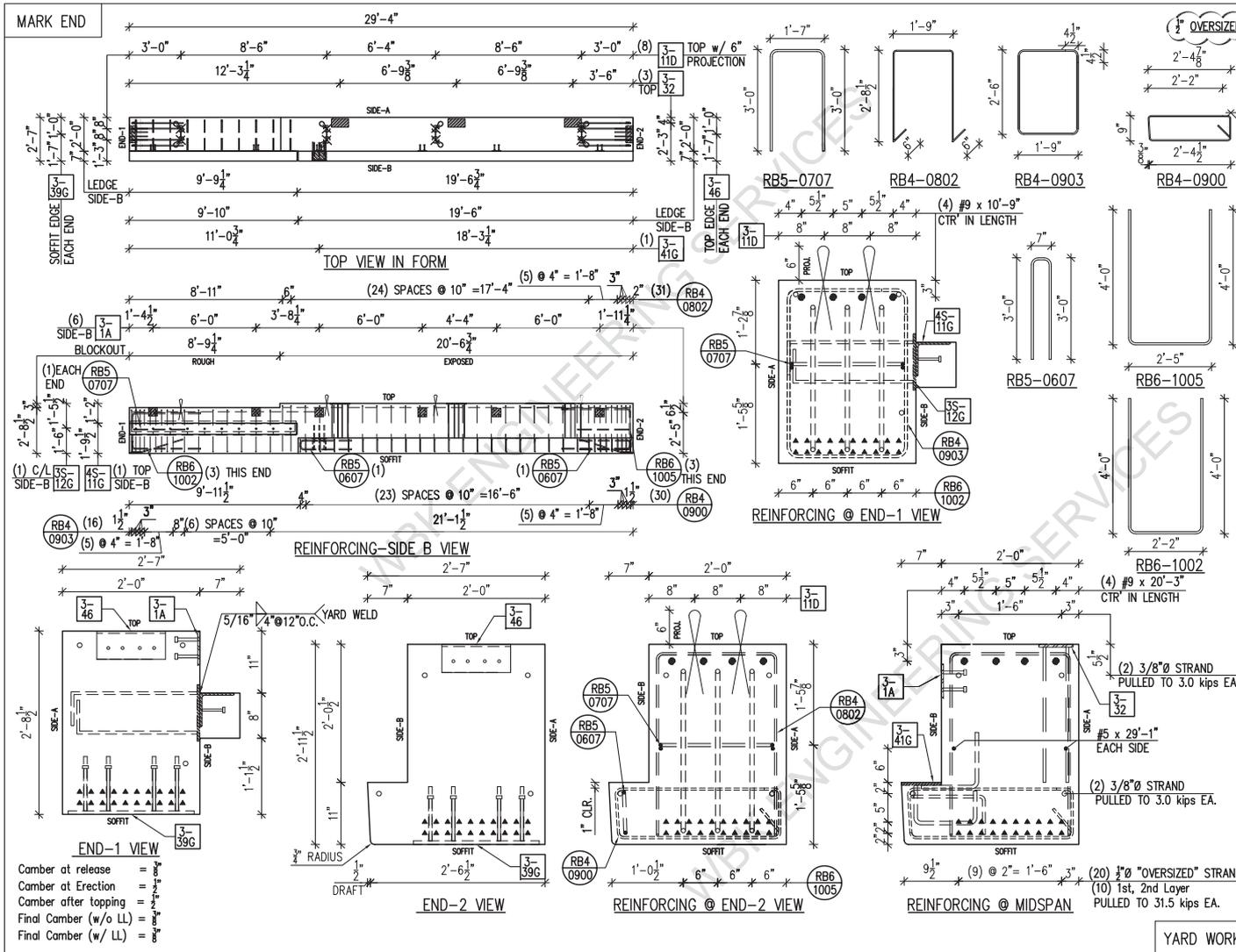
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PROJECT NAME:	
SHEET NO.:	16
SHEET TITLE:	SOUTH ELEVATION AT GRID - B
ENGINEER:	
DATE:	
DRAWN BY:	
PROJECT NO.:	PC15
SHEET NO.:	PC15

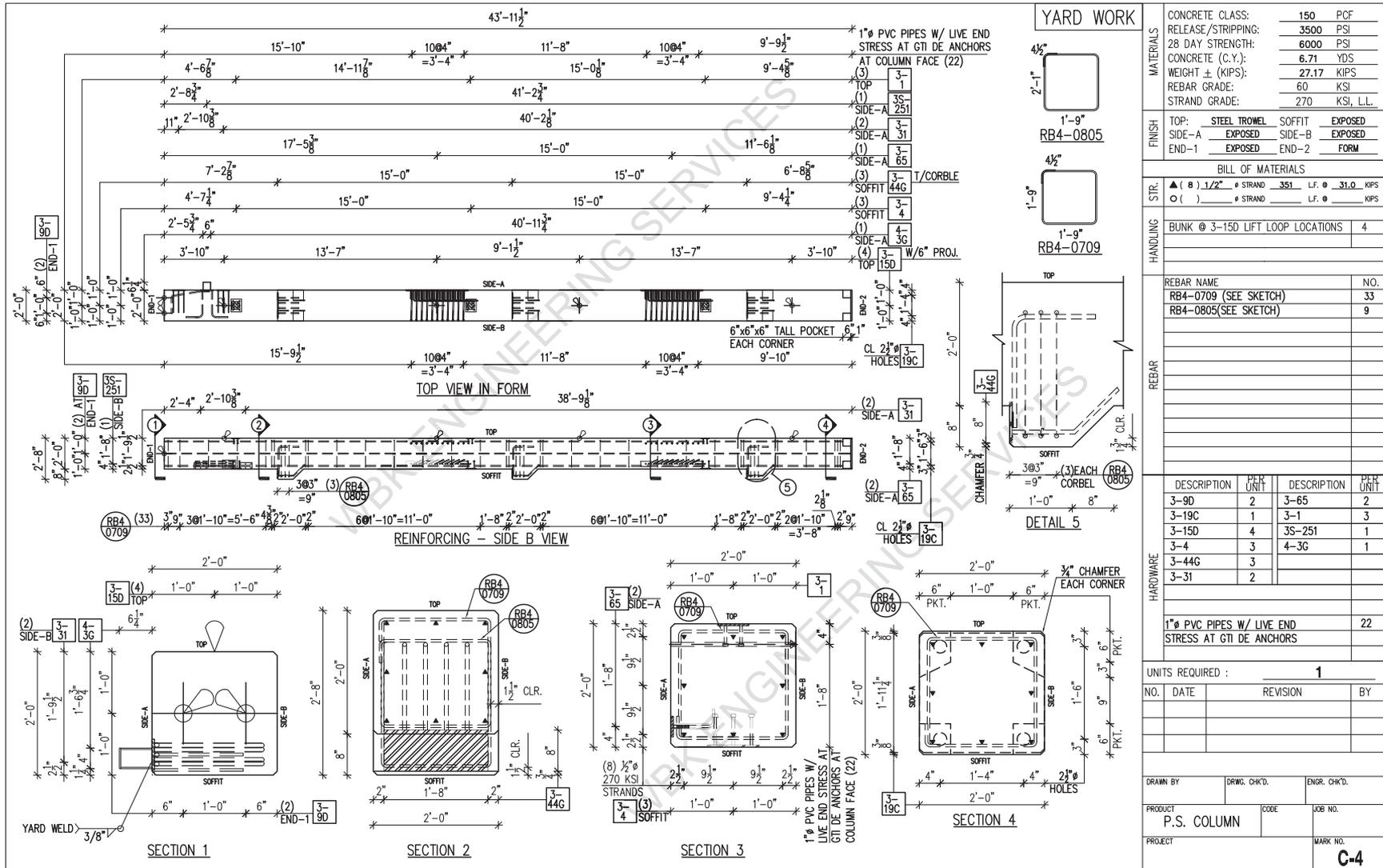




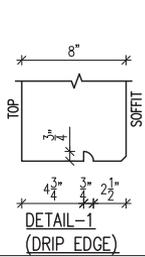
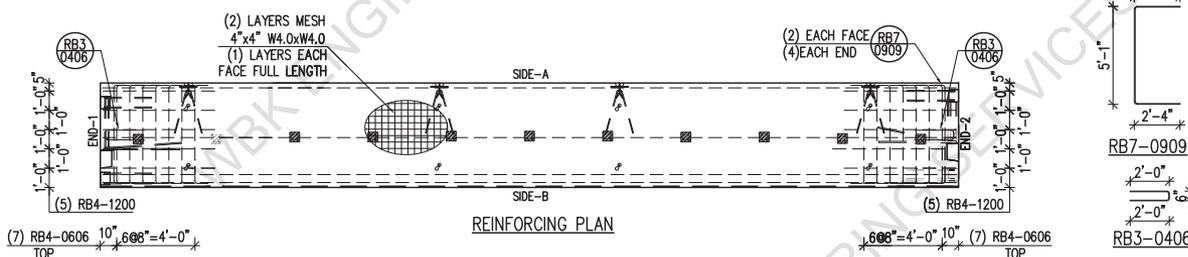
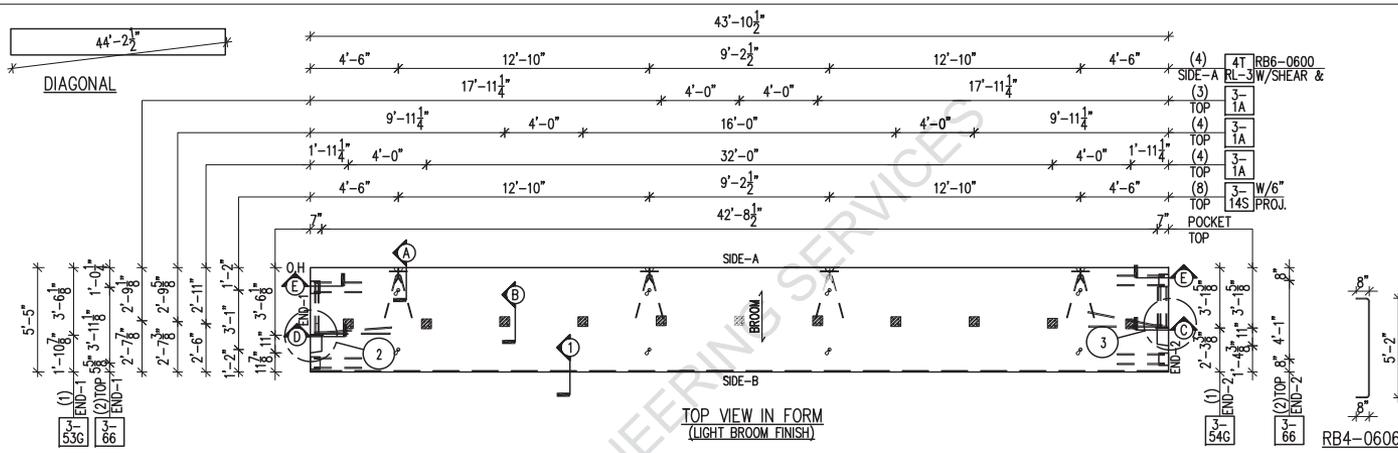
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SHEET NO.:	PC25
ENGINEER:	
DATE:	
DRAWN BY:	
CHECKED BY:	
DATE:	
PROJECT NO.:	
SHEET NO.:	PC25



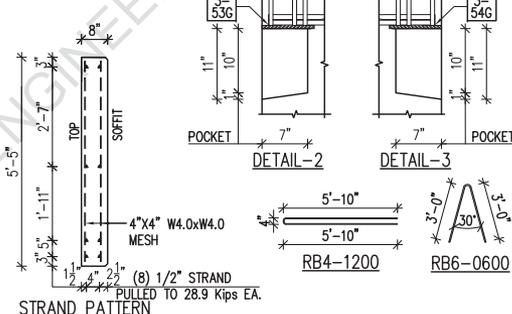
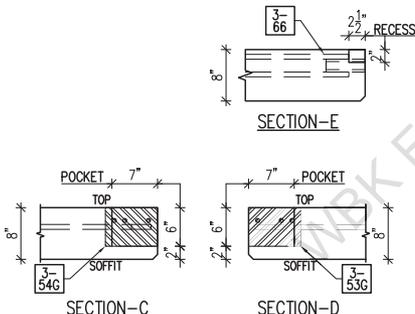
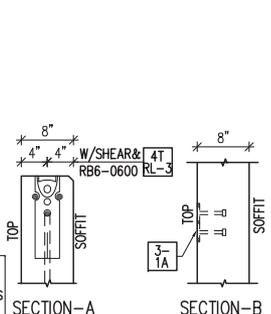








PRODUCTION NOTE:  
1. 3/8" CHAMFER BOTH SOFFIT ENDS & SIDES AND TOOL ALL TOP EDGES U.N.O



MATERIALS

CONCRETE CLASS:	150 PCF
RELEASE/STRIPPING:	3500 PSI
28 DAY STRENGTH:	5000 PSI
CONCRETE (C.Y.):	5.86 YDS
WEIGHT ± (KIPS):	23.73 KIPS
REBAR GRADE:	60 KSI
STRAND GRADE:	270 KSI, L.L.

FINISH

TOP:	LIGHT BROOM	SOFFIT	EXPOSED
SIDE-A	EXPOSED	SIDE-B	EXPOSED
END-1	FORM	END-2	FORM

BILL OF MATERIALS

STR:	▲ ( 8 ) 1/2" Ø STRAND	351	L.F. Ø	28.9	KIPS
	○ ( ) Ø STRAND		L.F. Ø		KIPS

HANDLING STR:

BUNK @ LIFT LOOP LOCATIONS					
ERECT @ 4T-RL-3 (79548) W/SHEAR BAR					
		4			

REBAR

REBAR NAME	NO.
RB4-1200 (SEE SKETCH)	10
RB6-0600 (SEE SKETCH)	4
RB4-0606 (SEE SKETCH)	14
RB7-0909 (SEE SKETCH)	8
RB3-0406 (SEE SKETCH)	2

HARDWARE

4X4 W4xW4 MESH (2 LAYERS) S.F.				449
DESCRIPTION	PER UNIT	DESCRIPTION	PER UNIT	
3-1A	11			
3-14S	8			
3-54G	1			
3-53G	1			
3-66	4			

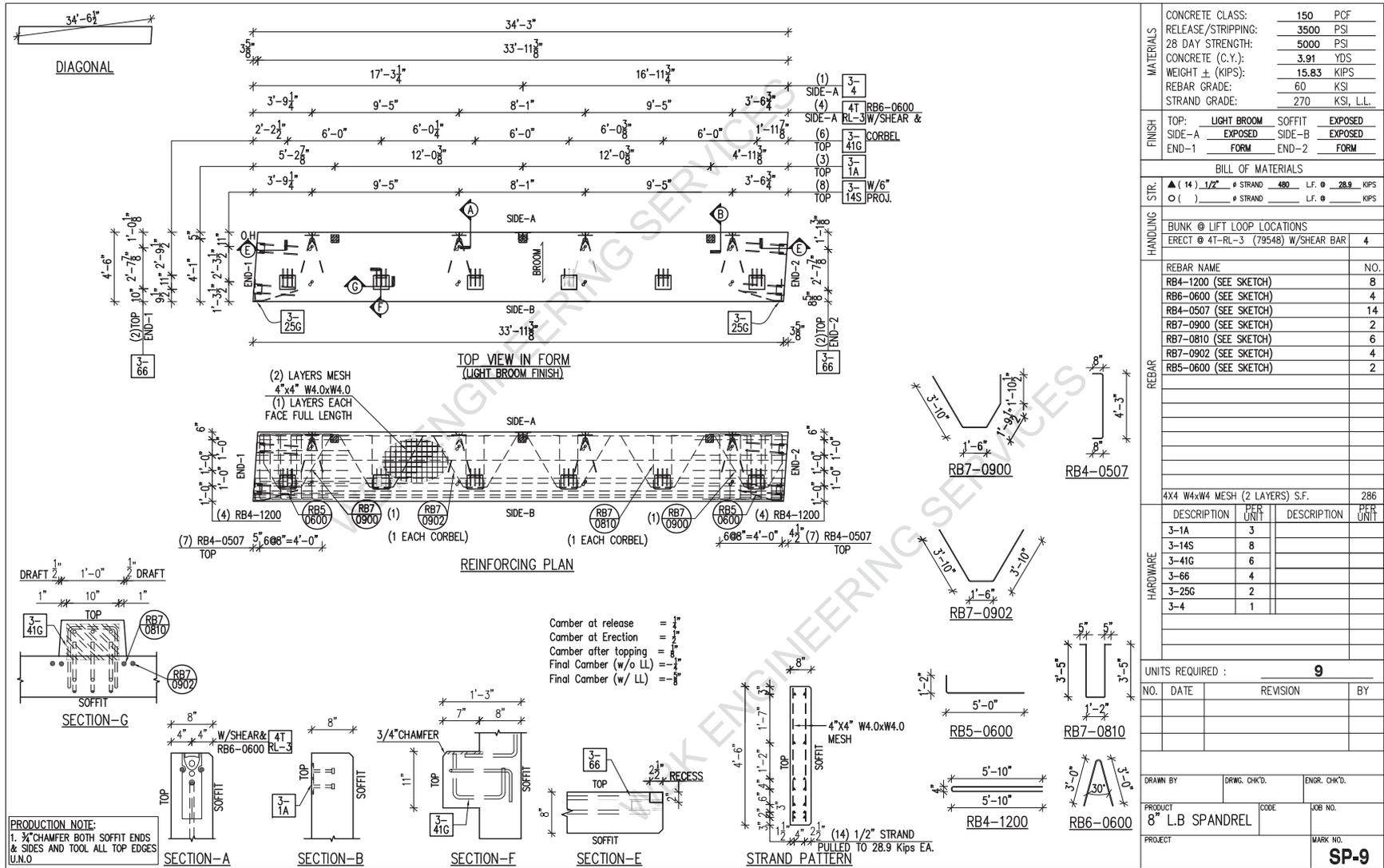
UNITS REQUIRED : 3

NO.	DATE	REVISION	BY

DRAWN BY: [ ] DRWG. CHKD.: [ ] ENGR. CHKD.: [ ]

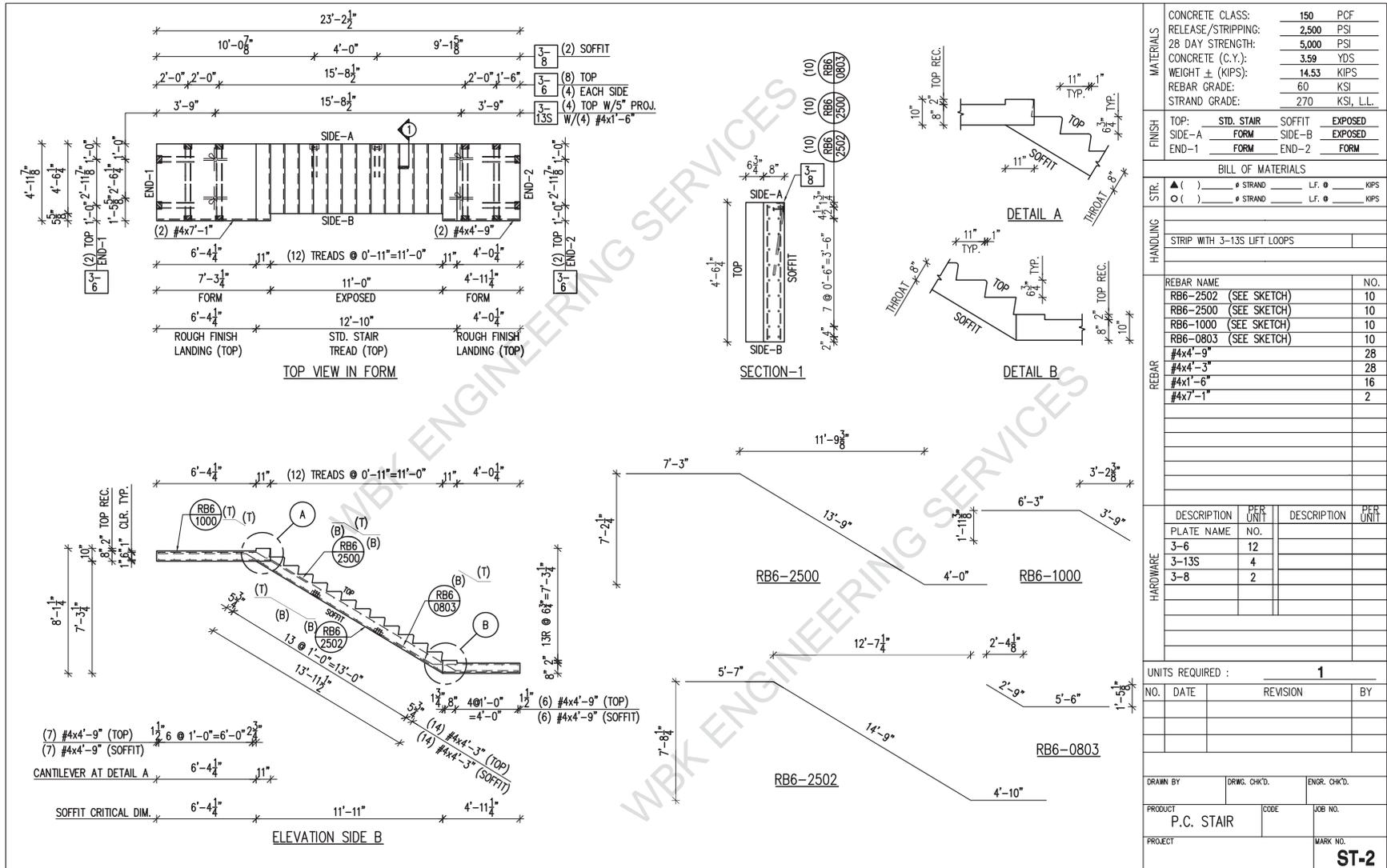
PRODUCT: 8" N.L.B SPANDREL CODE: [ ] JOB NO.: [ ]

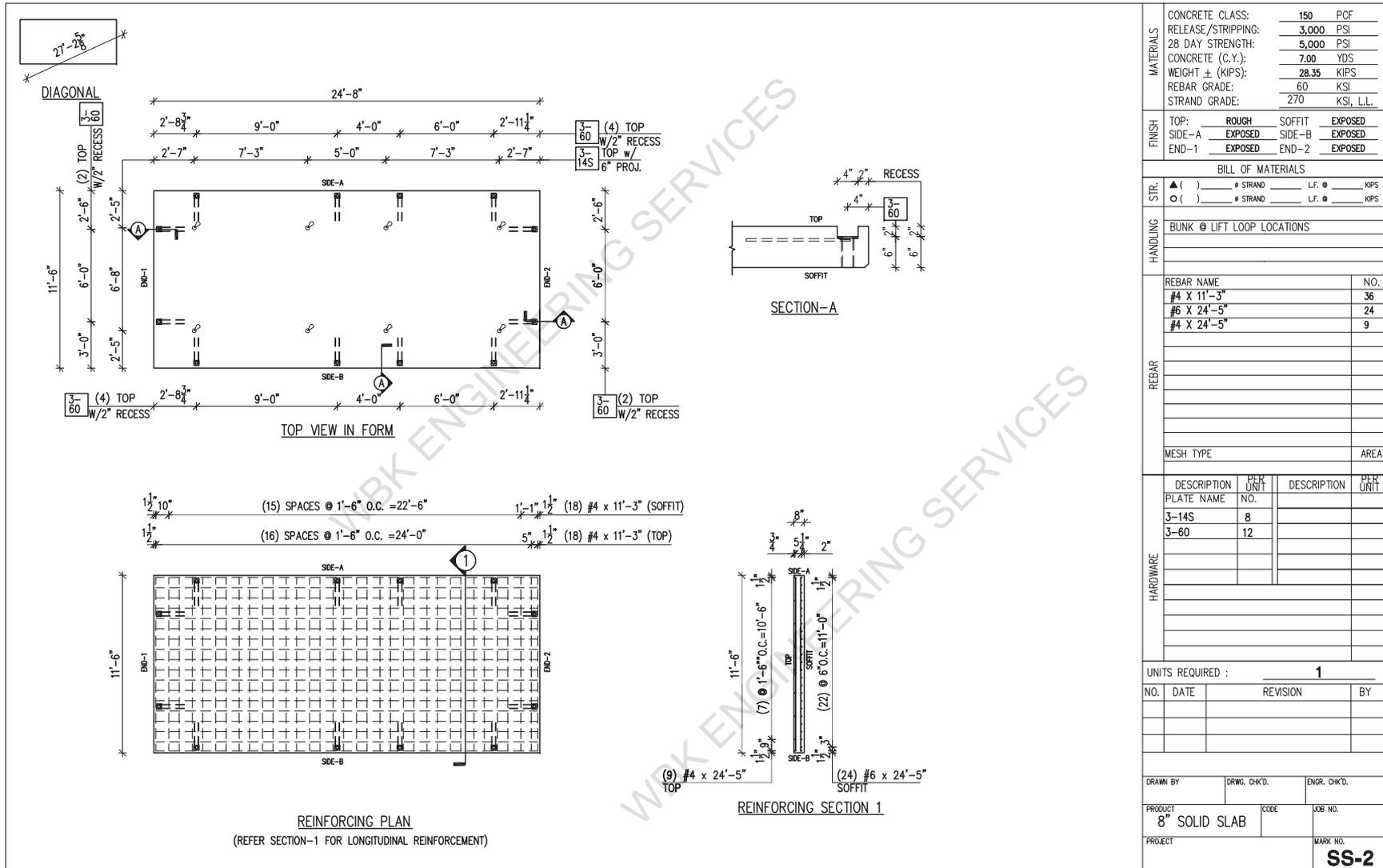
PROJECT: [ ] MARK NO.: SP-1

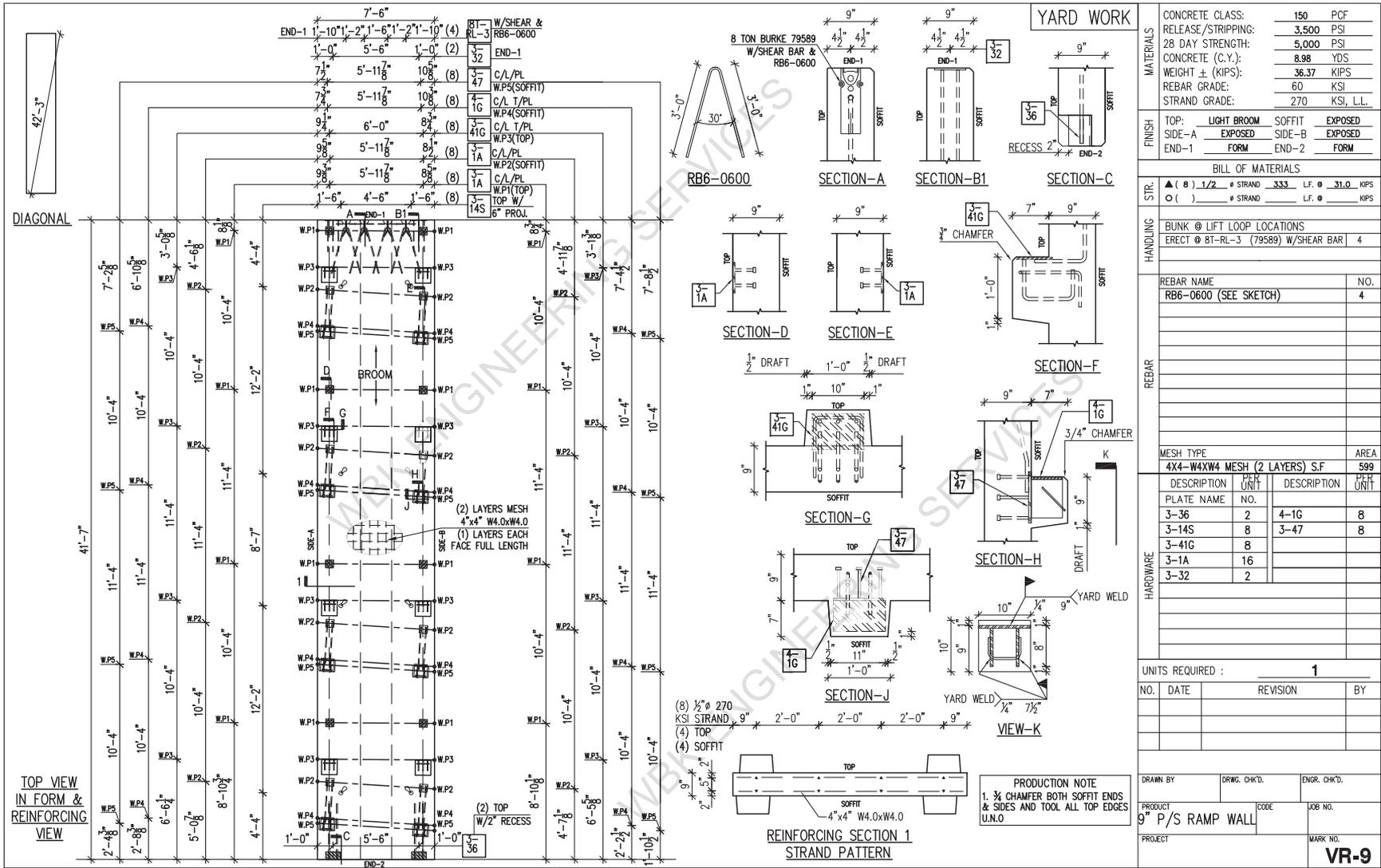


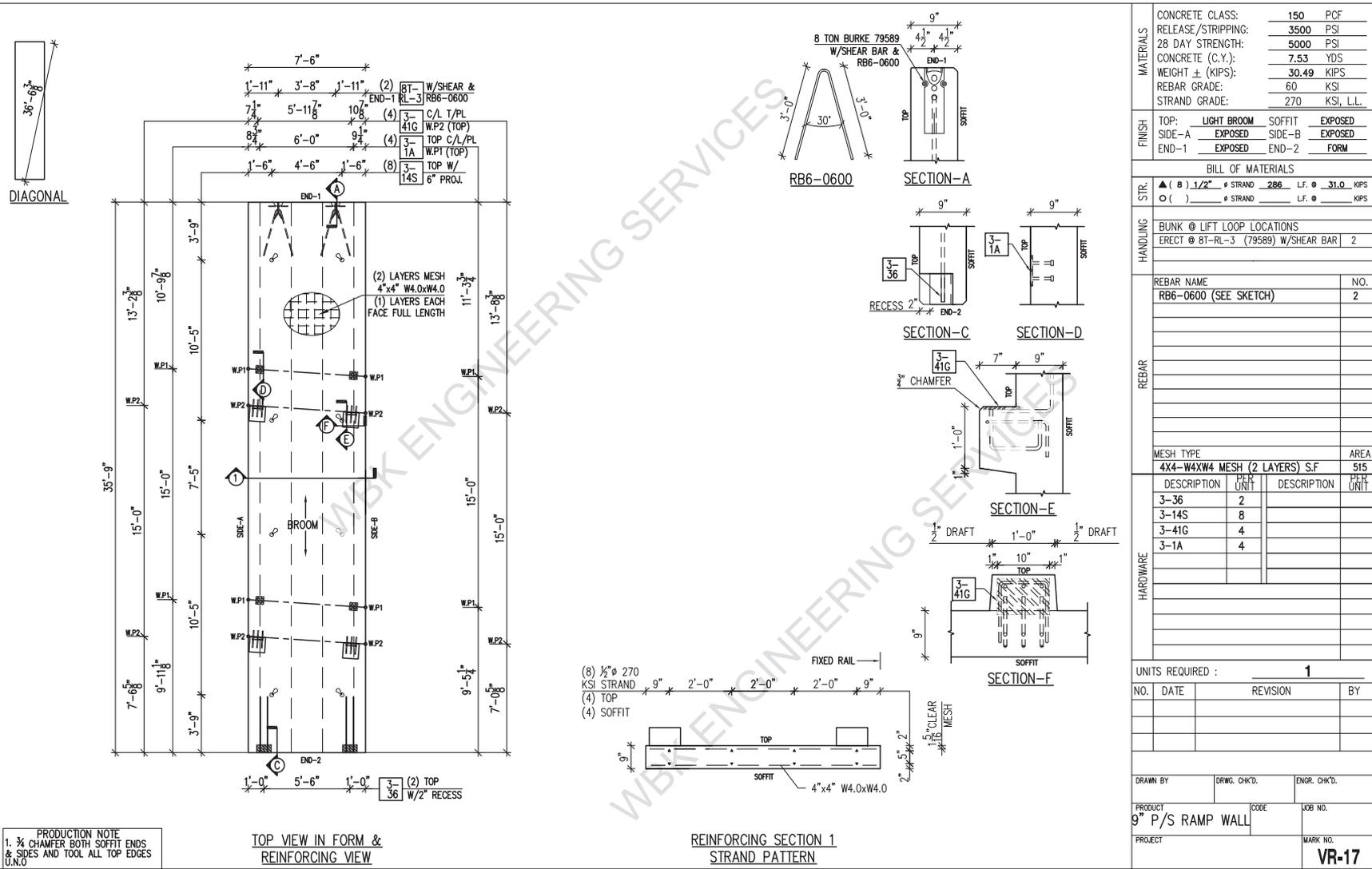


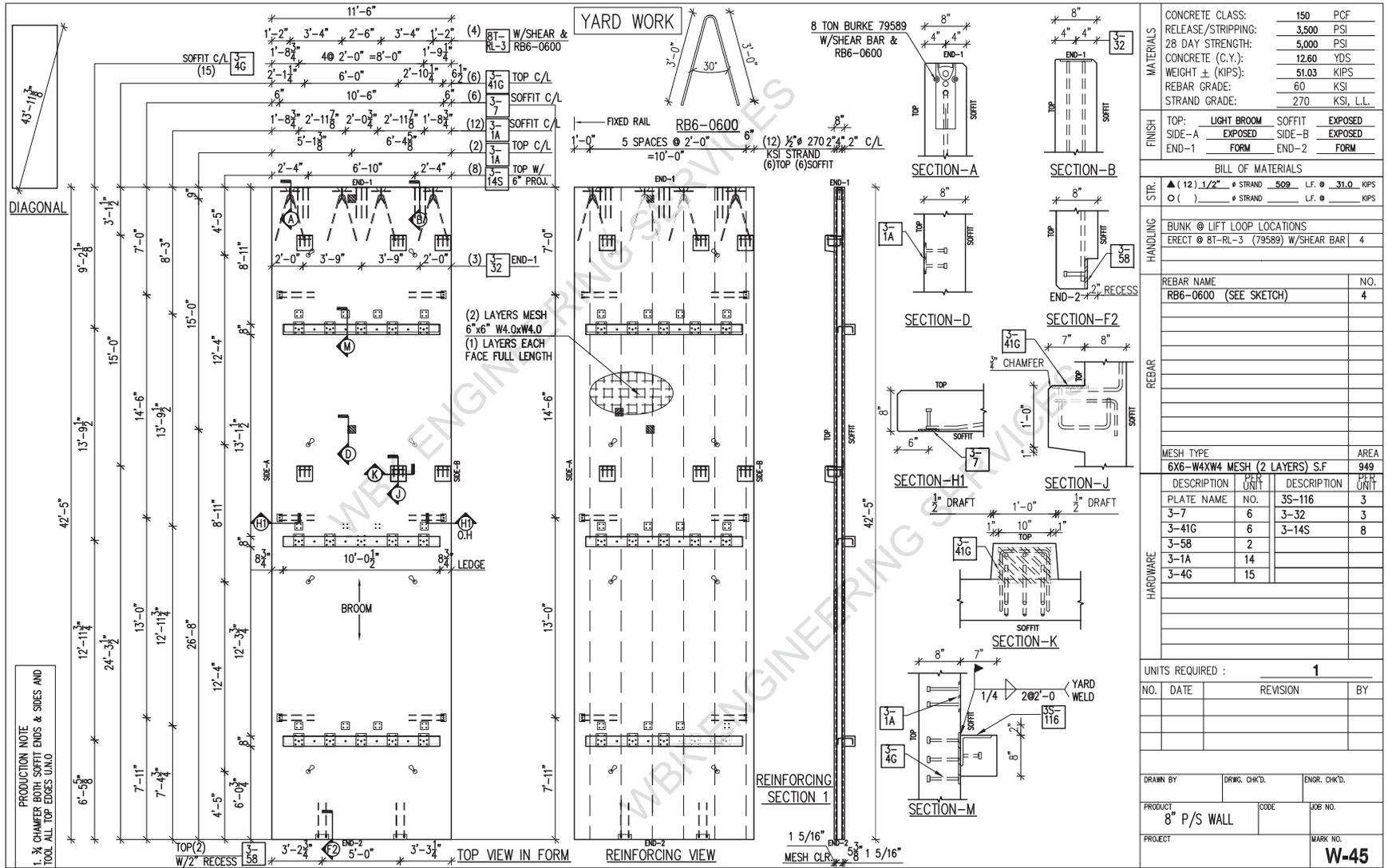


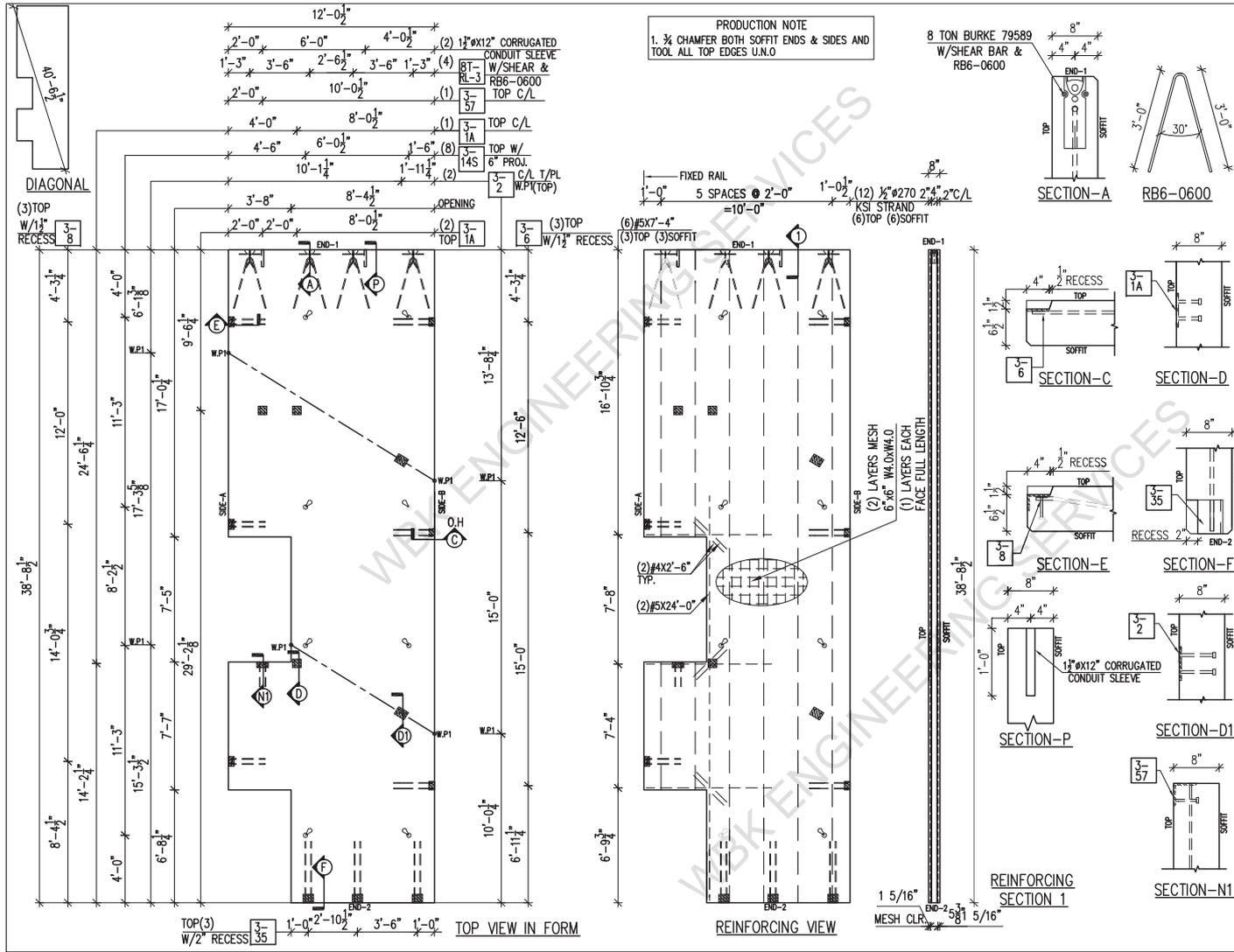












**MATERIALS**

CONCRETE CLASS:	150	PCF
RELEASE/STRIPPING:	3,500	PSI
28 DAY STRENGTH:	5,000	PSI
CONCRETE (C.Y.):	10.22	YDS
WEIGHT ± (KIPS):	41.39	KIPS
REBAR GRADE:	60	KSI
STRAND GRADE:	270	KSI, L.L.

**FINISH**

TOP:	STEEL TROWEL	SOFFIT	EXPOSED
SIDE-A	FORM	SIDE-B	FORM
END-1	FORM	END-2	FORM

**BILL OF MATERIALS**

STR: ▲ ( 12 ) 1/2" # STRAND 484 L.F. # 31.0 KIPS  
○ ( ) # STRAND L.F. # KIPS

**HANDLING**

BUNK @ LIFT LOOP LOCATIONS  
ERECT @ 81-RL-3 (79589) W/SHEAR BAR 4

**REBAR**

REBAR NAME	NO.
RB6-0600 (SEE SKETCH)	4
#4 X 2'-6"	6
#5 X 7'-4"	6
#5 X 24'-0"	2

**MESH TYPE**

DESCRIPTION	PER UNIT	DESCRIPTION	PER UNIT
6X6-W4XW4 MESH (2 LAYERS) S.F	801		
PLATE NAME NO.			
3-6	3	3-14S	8
3-8	3	3-2	2
3-35	3		
3-57	1		
3-1A	3		

**HARDWARE**

1 1/2" X 12" CORRUGATED CONDUIT SLEEVE	2
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**UNITS REQUIRED :** 1

NO.	DATE	REVISION	BY

DRAWN BY	DRWG. CHK'D.	ENGR. CHK'D.
PRODUCT	CODE	JOB NO.
8" P/S WALL		
PROJECT		MARK NO.
		<b>W-59</b>