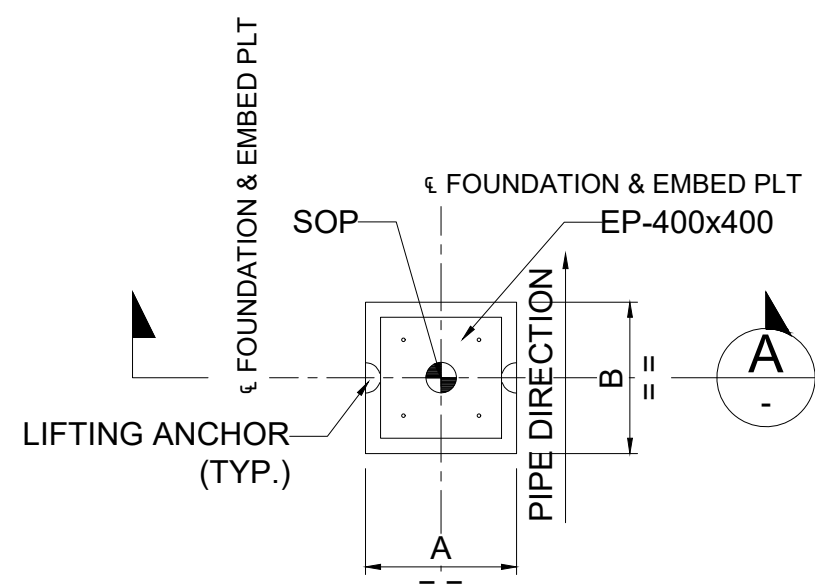
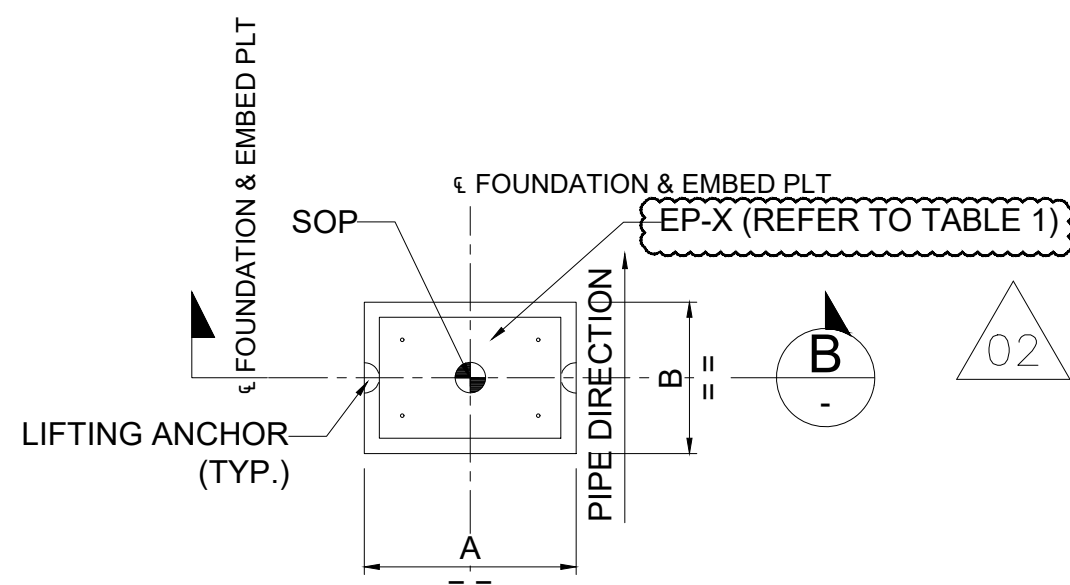
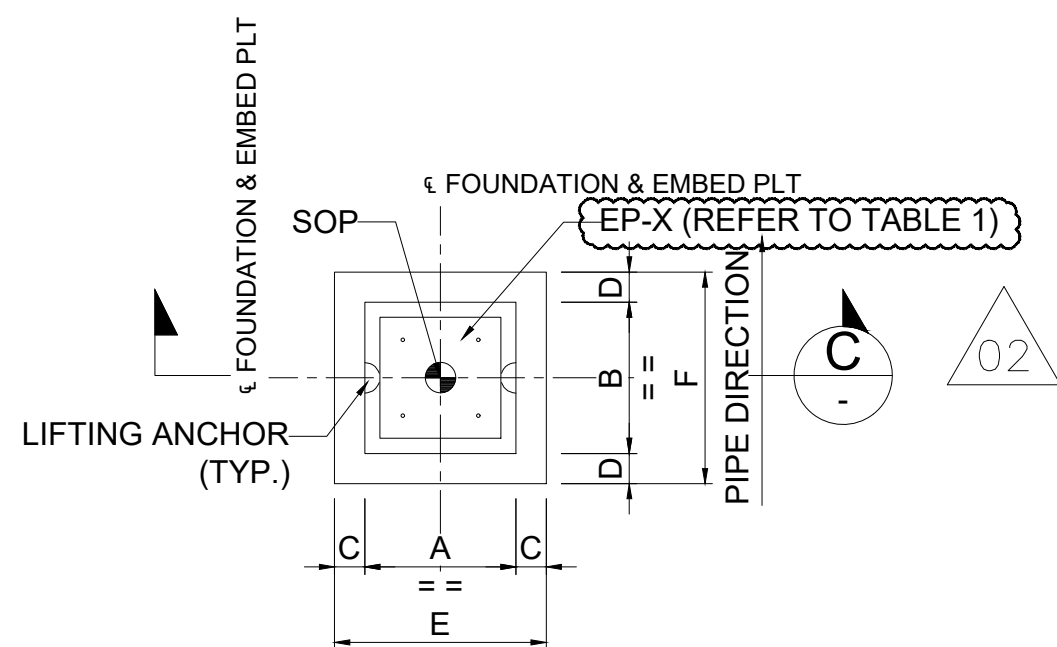




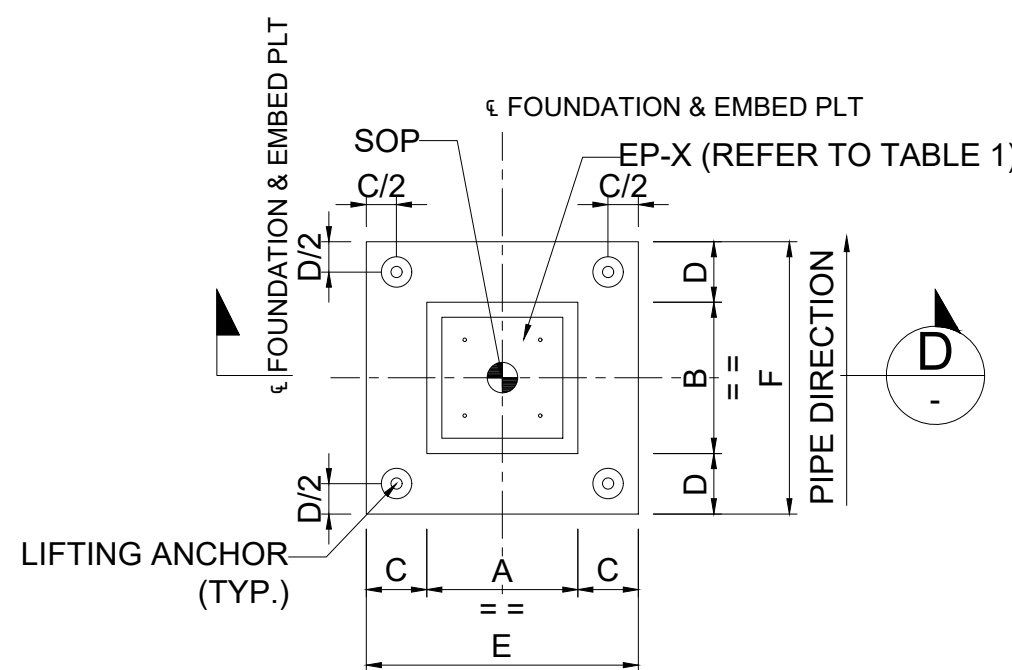
PLAN
PRE-CAST SLEEPER
FOUNDATION DETAILS
TYPE-1A



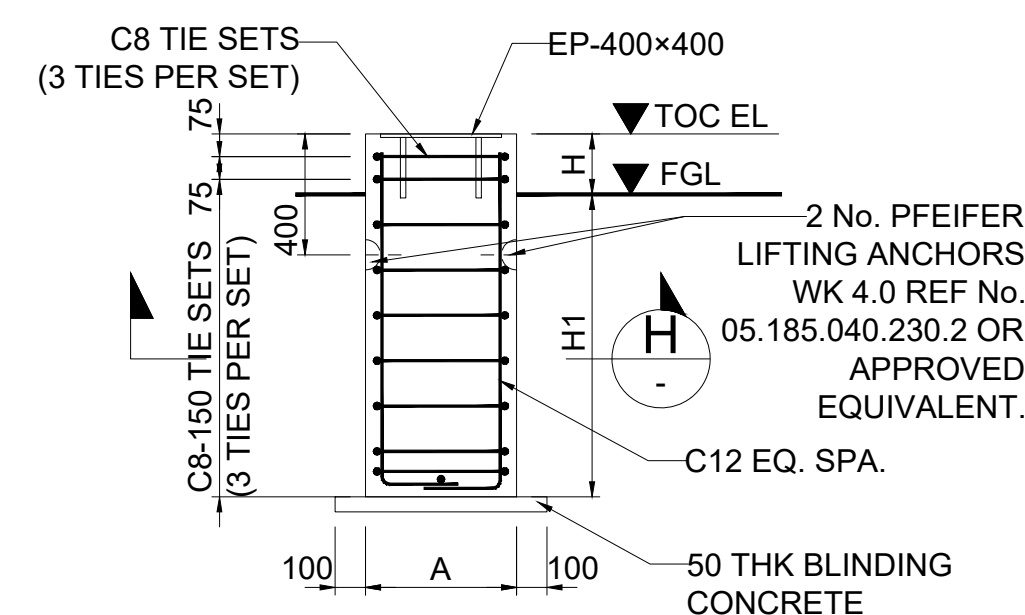
PLAN
PRE-CAST SLEEPER
FOUNDATION DETAILS
TYPE-1B



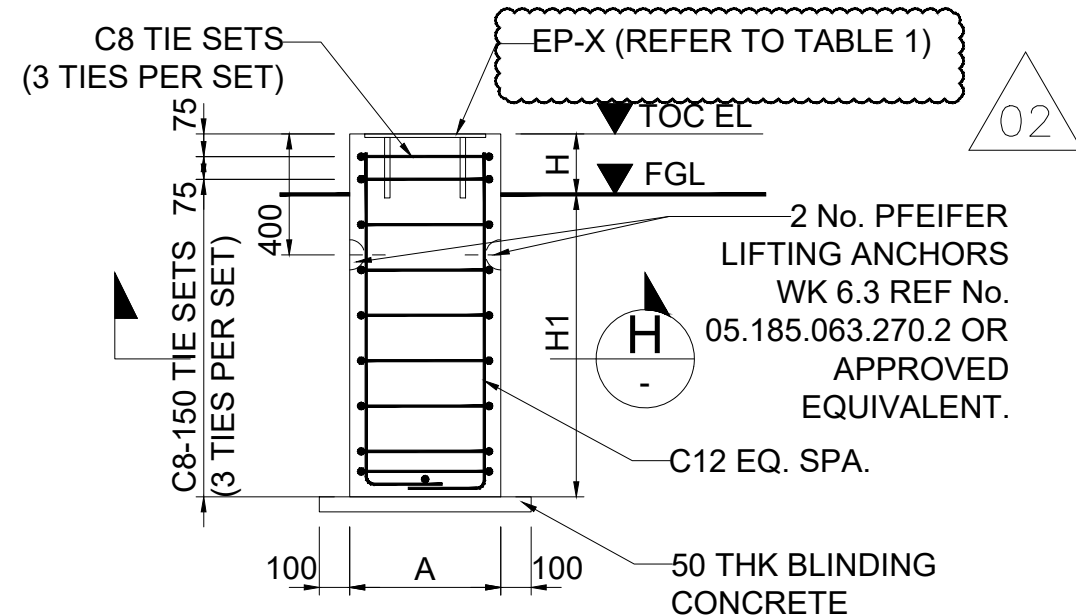
PLAN
PRE-CAST SLEEPER
FOUNDATION DETAILS
TYPE-2A & TYPE-2B



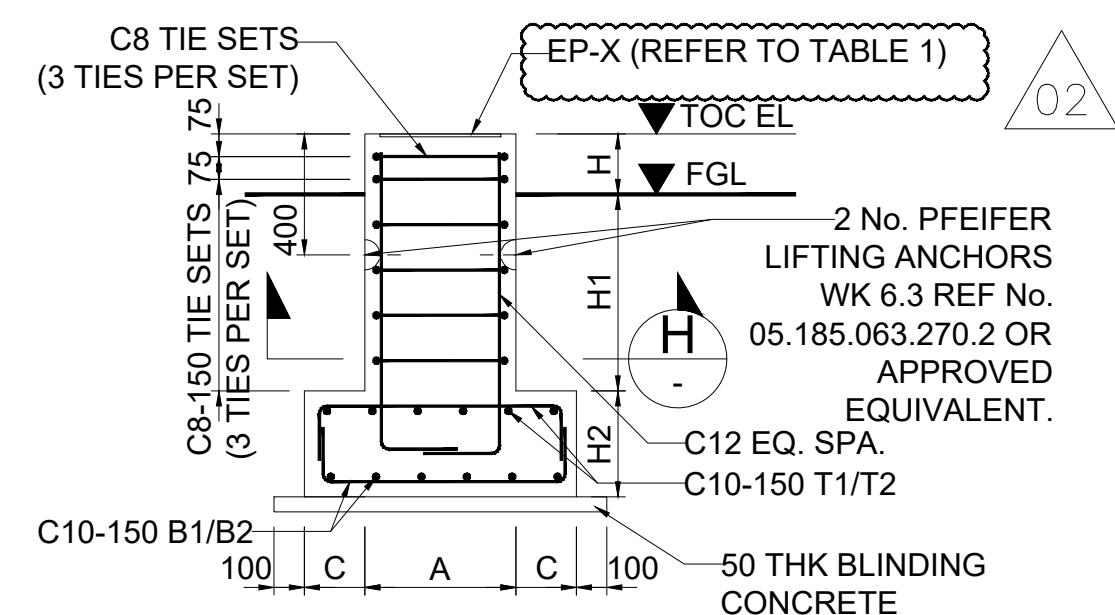
PLAN
PRE-CAST SLEEPER
FOUNDATION DETAILS
TYPE-2C ~ TYPE-2G



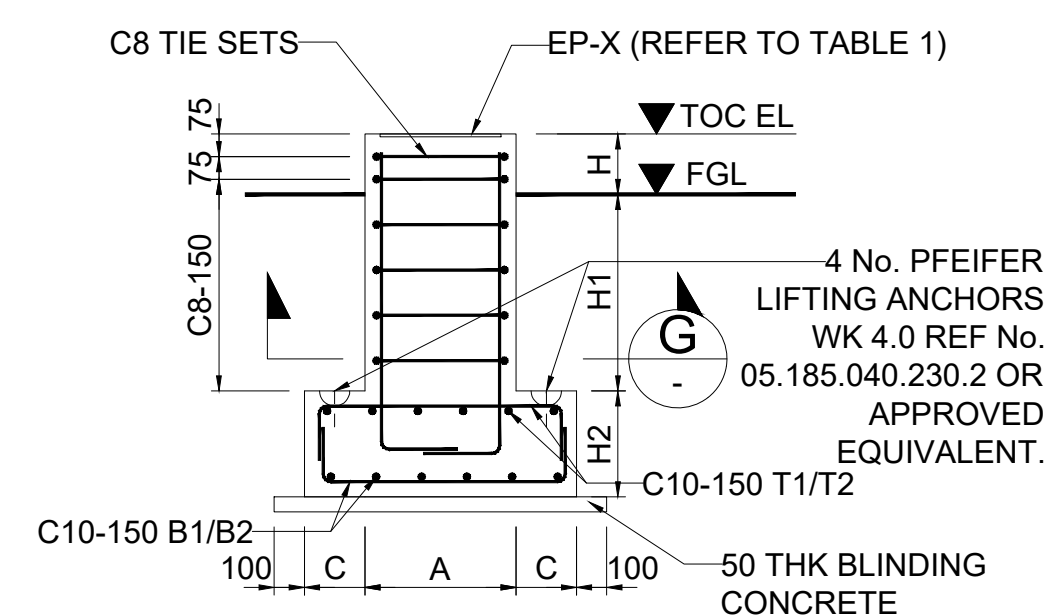
SECTION
SCALE 1:25



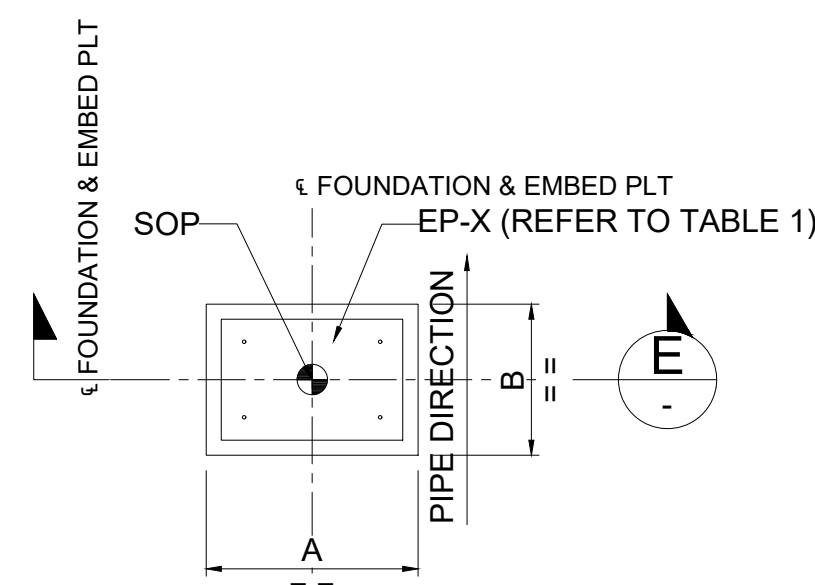
SECTION
SCALE 1:25



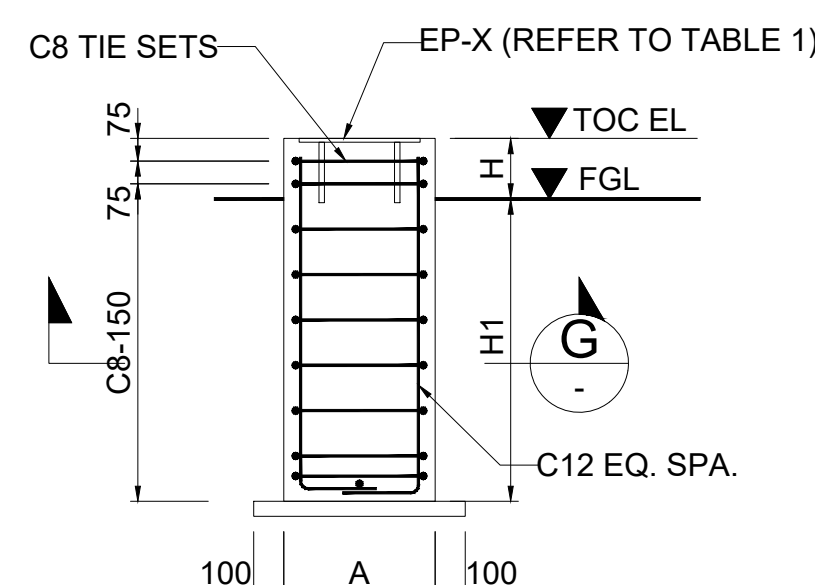
SECTION
SCALE 1:25



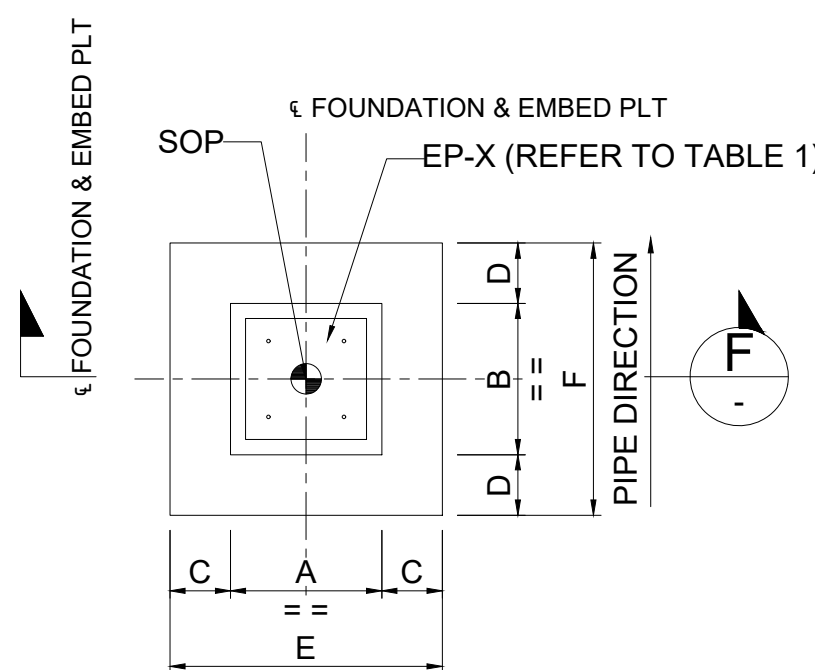
SECTION
SCALE 1:25



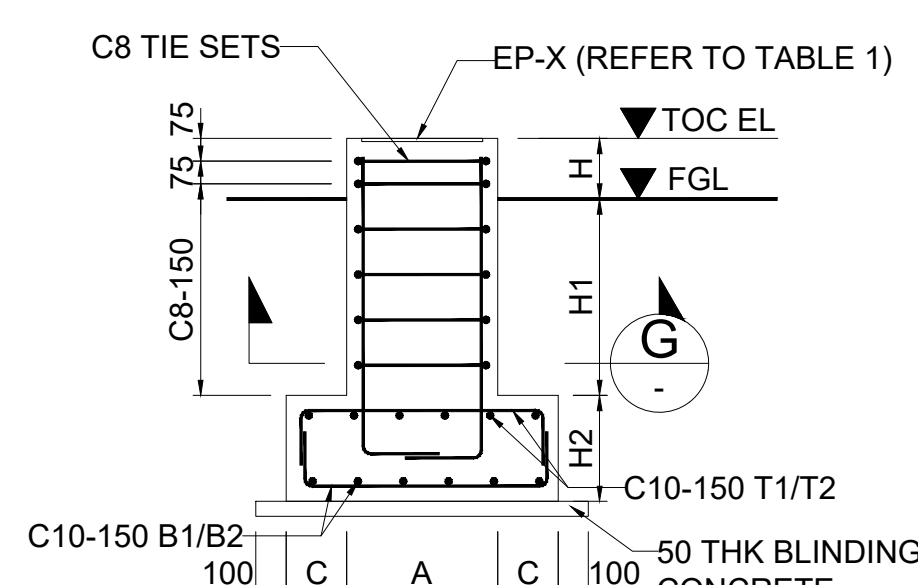
PLAN
SLEEPER FOUNDATION DETAILS
TYPE-3A & TYPE-3B
(CAST-IN-SITU)



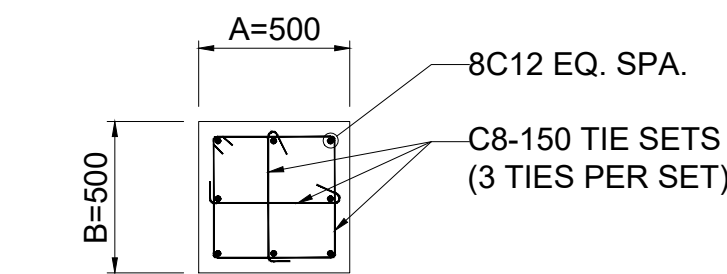
SECTION
SCALE 1:25



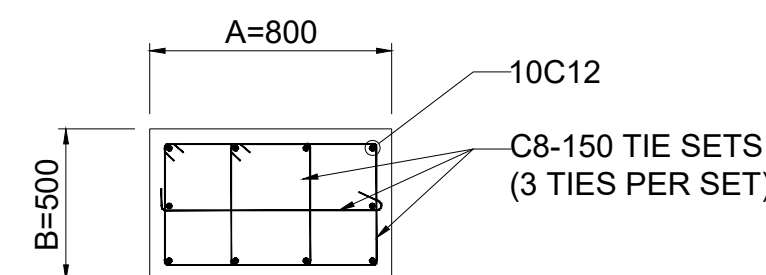
PLAN
SLEEPER FOUNDATION DETAILS
TYPE-4A~4D
(CAST-IN-SITU)



SECTION
SCALE 1:25

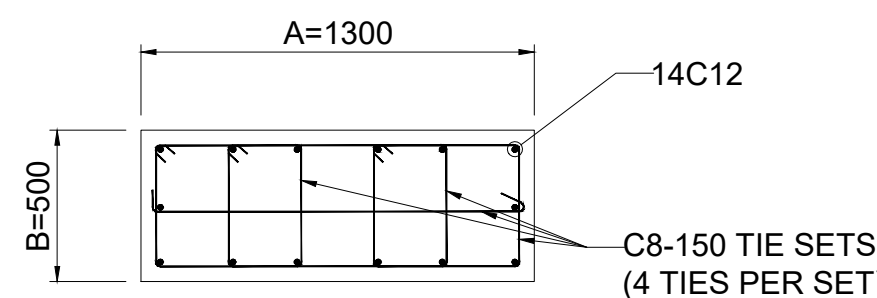


TYPE-1A & TYPE-2A & TYPE-2B

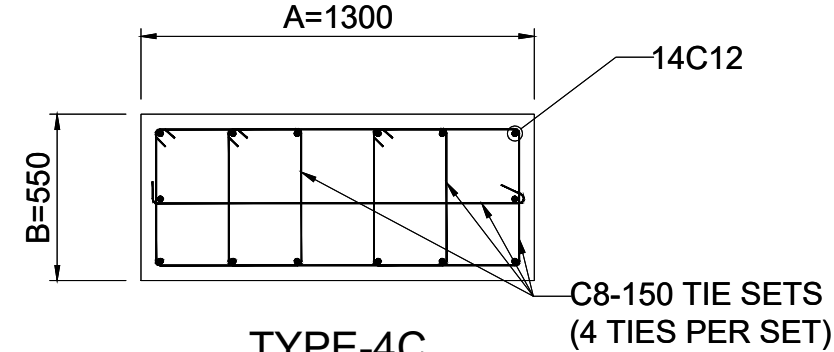


TYPE-1B

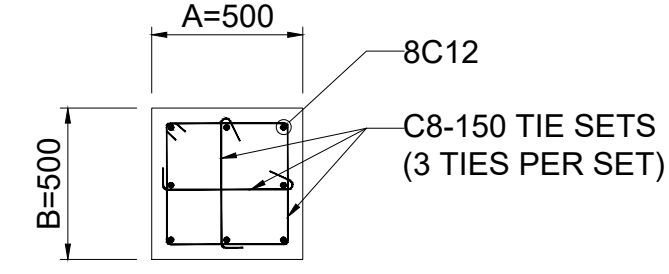
SECTION
SCALE 1:25



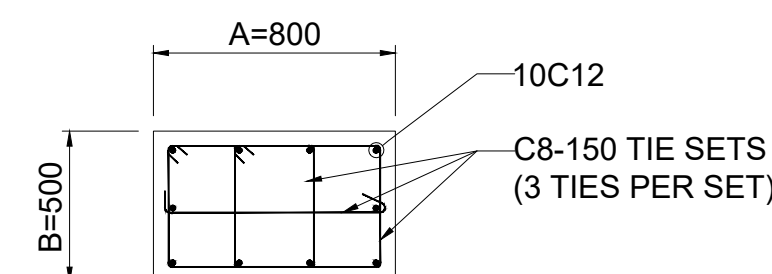
TYPE-3A & TYPE-4A & TYPE-4B



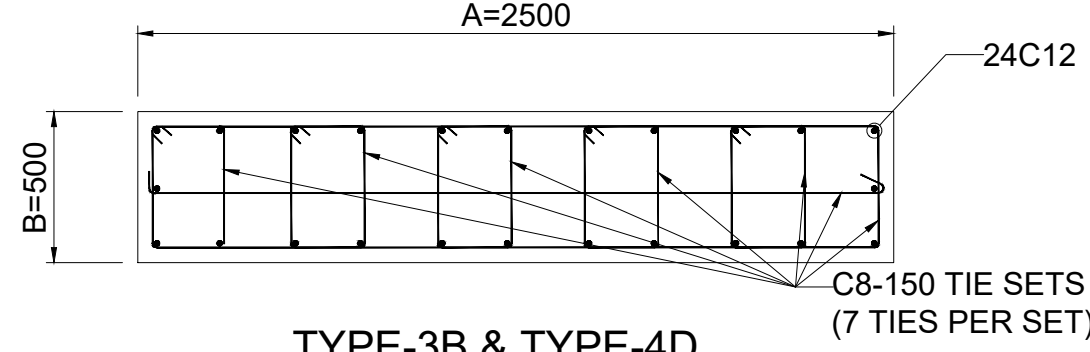
TYPE-4C



TYPE-2C & TYPE-2D



TYPE-2E & TYPE-2F & TYPE-2G



TYPE-3B & TYPE-4D

SECTION
SCALE 1:25

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES, COORDINATES AND ELEVATIONS ARE IN METERS.
- FOR CONCRETE WORK GENERAL NOTES AND LEGENDS REFER TO CIVIL STANDARDS DWG NO. UG-TIL-00-MDT1-801001.
- MAIN BARS/TIES OF FOUNDATION MAY BE ADJUSTED AS REQUIRED AT SITE TO AVOID CLASHING WITH ANCHOR BOLT OR EACH OTHER.
- BEFORE FOUNDATION CONSTRUCTION, SITE SOIL CONDITIONS MUST MEET THE FOLLOWING REQUIREMENTS:
 - THE FOUNDATION SHOULD BE LOCATED ON THE SOIL AFTER EI COMPACTION TREATMENT. ANY SILTY SOFT SPOTS ENCOUNTERED SHOULD BE REMOVED AND REPLACED WITH SUITABLE WELL COMPACTED FILL. BACK FILL IN 200 MM LIFTS AND COMPACTED TO 95% OF MAXIMUM DRY PROCTOR DENSITY.
 - THE BEARING CAPACITY OF THE FOUNDATION SHOULD NOT BE LESS THAN 120 KPA.
- TOP MESH BAR OF FOUNDATION MAY BE ADJUSTED AS REQUIRED AT SITE TO AVOID CLASHING WITH EP SHEAR REINFORCEMENT OR EACH OTHER.
- SPECIFIED CYLINDER COMPRESSIVE STRENGTH OF CONCRETE SHALL BE AS FOLLOWS:
 - PIPE SLEEPER : $f_c = 30 \text{ N/mm}^2$
 - BLINDING CONCRETE: $f_c = 12 \text{ N/mm}^2$
- ALL STEEL BAR SHALL BE WITH MINIMUM YIELD STRESS OF 500 N/mm^2
- EMBEDDED STEEL PLATES/BEAMS SHALL CONFORM TO THE REQUIREMENTS OF EN 10025-2 S355 JO, GALVANIZED.
- CONCRETE COVER FOR REINFORCEMENT SHALL BE 50mm.
- THE FOUNDATION WEIGHT LESS THAN 40kN IS PRE-CAST.

HOLDS:

- HOLD FOR THE FROZEN PACKAGE GA AND FOUNDATION DOCUMENTS FROM SUPPLIER.

LEGEND:

THK.	THICKNESS
TOC.	TOP OF CONCRETE
FGL	FINISHED GRADE LEVEL
EP	EMBED PLATE
EL	ELEVATION
SOP	SETTING OUT POINT

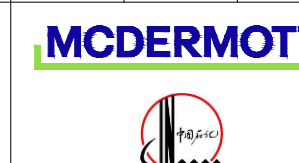
DOCUMENT TITLE	DOCUMENT NUMBER
CIVIL STANDARDS - CONCRETE WORK, GENERAL NOTES & LEGENDS	UG-TIL-00-MDT1-801001
CIVIL STANDARDS - GRADING, PAVING, ROADS & UNDERGROUND SERVICES - LEGEND / SYMBOLS	UG-TIL-00-MDT1-801002
SPECIFICATION FOR SUPPLY AND INSTALLATION OF CONCRETE	UG-TIL-00-MDT1-800011
WELLPADS NGR03 SLEEPER FOUNDATION CALATION	UG-TIL-22-SIN1-817101
FOUNDATION LAYOUT-WELLPAD NGR-03 - KEY PLAN	UG-TIL-22-SIN1-815200
PLOT PLAN - WELL PAD NGR-03	UG-TIL-22-SIN1-711001

0 0.1 0.2 0.3 0.4 0.5 m
SCALE 1:10

0 0.25 0.5 0.75 1 1.25 m
SCALE 1:25

SCALE BAR

02	30/May/2024	AFC	ACCEPTED FOR CONSTRUCTION	H.Zhang	CM.Guo	JY.Wang
01	15/Apr/2024	AFC	ACCEPTED FOR CONSTRUCTION	H.Zhang	CM.Guo	JY.Wang
00	16/Feb/2024	IFR	ISSUED FOR REVIEW	H.Zhang	CM.Guo	JY.Wang
Rev.	Date	Status	Revision Description	Iss.	Check.	Appr.



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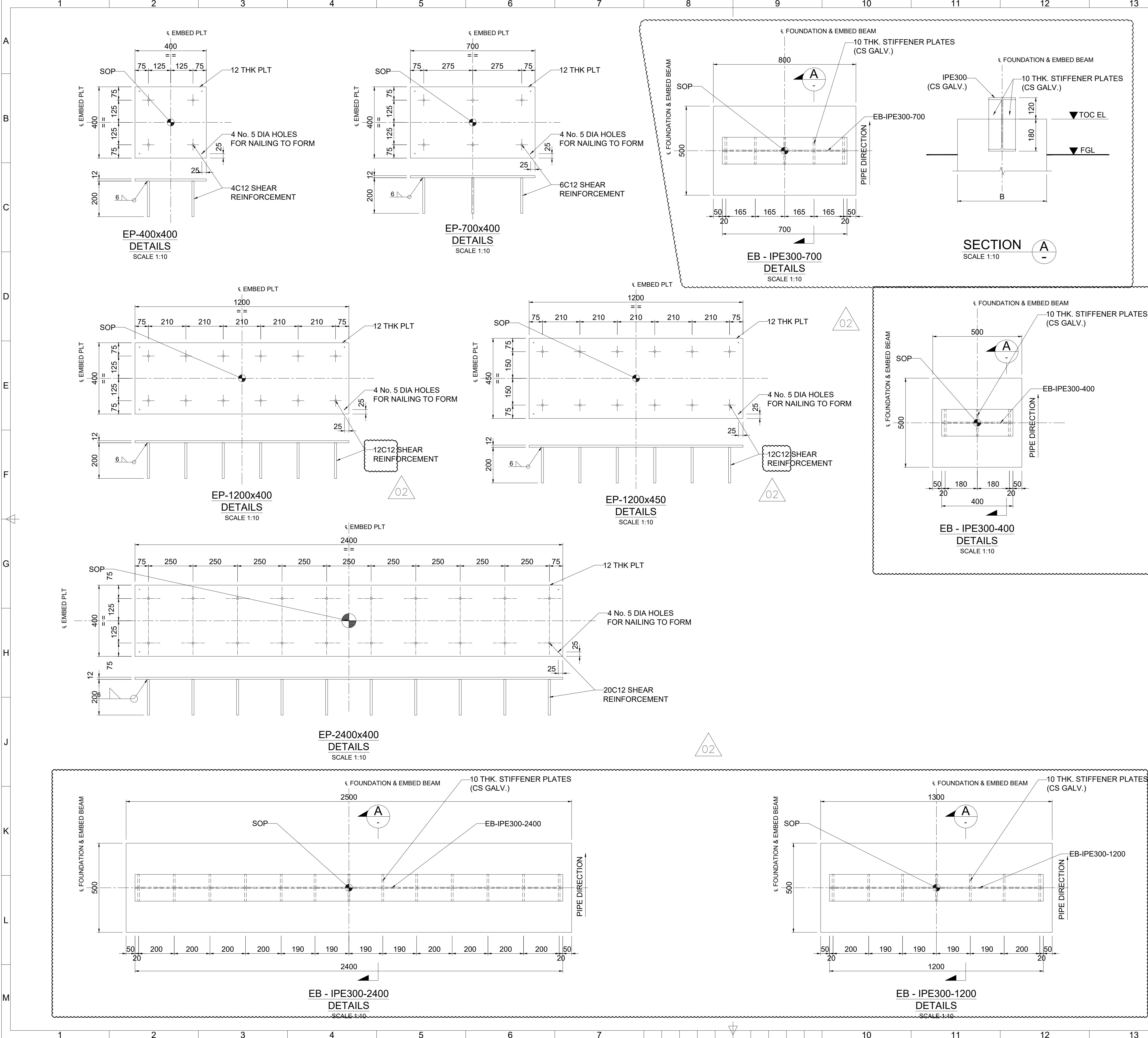
Affiliate:	UGANDA	Site:	TIL	Project Phase:	DE
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WELLPADS

NGR-03 SLEEPER FOUNDATION

PLAN, SECTION AND RC DETAIL

Discipline:	CIV	Doc. Type:	DTL	Sector:	22	System:	NN
Company Doc. N°:	UG-TIL-22-SIN1-815601	Class:	2	Scale:	1:25		
Contractor Doc. N°:	D6277	Format:	A1	Folio:	1 of 3		



- NOTES:**
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 - CONCRETE COVER FOR REINFORCEMENT SHALL BE 50mm.
 - THE FOUNDATION WEIGHT LESS THAN 40kN IS PRE-CAST.

- HOLDS:**
- HOLD FOR THE FROZEN PACKAGE GA AND FOUNDATION DOCUMENTS FROM SUPPLIER.

- LEGEND:**
- | | |
|------|----------------------|
| THK. | THICKNESS |
| TOC. | TOP OF CONCRETE |
| FGL | FINISHED GRADE LEVEL |
| EP | EMBED PLATE |
| EL | ELEVATION |
| SOP | SETTING OUT POINT |

DOCUMENT TITLE	DOCUMENT NUMBER
CIVIL STANDARDS - CONCRETE WORK, GENERAL NOTES & LEGENDS	UG-TIL-00-MDT1-801001
CIVIL STANDARDS - GRADING, PAVING, ROADS & UNDERGROUND SERVICES - LEGEND / SYMBOLS	UG-TIL-00-MDT1-801002
SPECIFICATION FOR SUPPLY AND INSTALLATION OF CONCRETE	UG-TIL-00-MDT1-800011
WELLPADS NGR03 SLEEPER FOUNDATION CALATION	UG-TIL-22-SIN1-817101
FOUNDATION LAYOUT-WELLPAD NGR-03 - KEY PLAN	UG-TIL-22-SIN1-815200
PLOT PLAN - WELL PAD NGR-03	UG-TIL-22-SIN1-711001

0 0.1 0.2 0.3 0.4 0.5 m
SCALE 1:10

0 0.25 0.5 0.75 1 1.25 m
SCALE 1:25

SCALE BAR

2	30/May/2024	AFC	ACCEPTED FOR CONSTRUCTION	H.Zhang	CM.Guo	JY.Wang
1	15/Apr/2024	AFC	ACCEPTED FOR CONSTRUCTION	H.Zhang	CM.Guo	JY.Wang
0	16/Feb/2024	IFR	ISSUED FOR REVIEW	H.Zhang	CM.Guo	JY.Wang
Rev.	Date	Status	Revision Description	Iss.	Check.	Appr.
				 		

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Affiliate: UGANDA Site: TIL Project Phase: DE

WELLPADS
NGR-03 SLEEPER FOUNDATION
PLAN, SECTION AND RC DETAIL

Discipline:	CIV	Doc. Type:	DTL	Sector:	22	System:	NN
Company Doc. N°:	UG-TIL-22-SIN1-815601	Class:	2	Scale:	1:25		
Contractor Doc. N°:	D6277	Format:	A1	Folio:	2 of 3		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
TABLE1:SLEEPER BASE DIMENSION SCHEDULE																			
A	SUPPORT TYPE	SLEEPER NO	BASE DIMENSION(mm)										TOC (m)	FGL (m)	PIPE LOAD(kN)			EMBEDDED STEEL PLATE/BEAM	NOTE
			A	C	E	B	D	F	H	H1	H2	Fz			Fx	Fy			
B	TYPE-1	5220_RCS_001	500	0	500	500	0	500	400	1000	0	100.10	99.70	0.20	0.20	1.00	EP-400×400		
		5220_RCS_004	500	0	500	500	0	500	200	1000	0	99.98	99.78	0.60	0.10	1.90	EP-400×400		
		5220_RCS_009	500	0	500	500	0	500	400	1000	0	100.10	99.70	0.30	0.90	3.70	EP-400×400		
		5220_RCS_013	500	0	500	500	0	500	700	1000	0	100.10	99.40	0.80	0.70	3.00	EP-400×400		
		5220_RCS_019	500	0	500	500	0	500	700	1000	0	100.10	99.40	0.75	0.65	2.30	EP-400×400		
		5220_RCS_033	500	0	500	500	0	500	700	1000	0	100.10	99.40	0.70	0.60	2.50	EP-400×400		
		5220_RCS_041	500	0	500	500	0	500	400	1000	0	99.90	99.50	0.30	0.30	1.00	EP-400×400		
		5220_RCS_042	500	0	500	500	0	500	400	1000	0	99.90	99.50	0.30	0.30	0.80	EP-400×400		
		5220_RCS_047	500	0	500	500	0	500	540	1000	0	99.70	99.16	0.10	0.20	0.50	EP-400×400		
		5220_RCS_068	500	0	500	500	0	500	400	1000	0	99.80	99.40	0.30	0.30	0.90	EP-400×400		
		5220_RCS_072	500	0	500	500	0	500	400	1000	0	99.80	99.40	0.30	0.30	0.90	EP-400×400		
		5220_RCS_076	500	0	500	500	0	500	400	1000	0	99.90	99.50	0.60	0.60	2.10	EP-400×400		
		5220_RCS_083	500	0	500	500	0	500	400	1000	0	99.80	99.40	1.20	1.20	4.90	EP-400×400		
		5220_RCS_090	500	0	500	500	0	500	400	1000	0	99.90	99.50	2.50	0.20	0.20	EP-400×400	HOLD 1	
		5220_RCS_107	500	0	500	500	0	500	400	1000	0	99.80	99.40	0.60	0.40	1.70	EP-400×400	HOLD 1	
		5220_RCS_110	500	0	500	500	0	500	400	1000	0	99.80	99.40	0.21	0.21	0.70	EP-400×400	HOLD 1	
		5220_RCS_112	500	0	500	500	0	500	400	1000	0	99.90	99.50	0.50	0.20	1.60	EP-400×400	HOLD 1	
		5220_RCS_128	500	0	500	500	0	500	600	1000	0	99.90	99.30	0.39	0.39	1.30	EP-400×400	HOLD 1	
		5220_RCS_129	500	0	500	500	0	500	600	1000	0	99.80	99.20	0.42	0.42	1.40	EP-400×400	HOLD 1	
		5220_RCS_131	500	0	500	500	0	500	600	1000	0	99.80	99.20	0.77	0.77	2.55	EP-400×400	HOLD 1	
5220_RCS_132	500	0	500	500	0	500	600	1000	0	99.80	99.20	0.54	0.54	1.80	EP-400×400	HOLD 1			
5220_RCS_137	500	0	500	500	0	500	600	1000	0	100.00	99.40	0.10	0.10	0.30	EP-400×400	HOLD 1			
5220_RCS_142	500	0	500	500	0	500	800	1000	0	100.40	99.60	2.70	2.70	1.00	EP-400×400	HOLD 1			
5220_RCS_148	500	0	500	500	0	500	400	1000	0	99.80	99.40	0.33	0.33	1.10	EP-400×400	HOLD 1			
5220_RCS_161	500	0	500	500	0	500	800	1000	0	99.90	99.10	0.30	0.30	1.00	EP-400×400	HOLD 1			
5220_RCS_163	500	0	500	500	0	500	100	1000	0	100.10	100.00	0.20	0.20	0.40	EP-400×400				
5220_RCS_165	500	0	500	500	0	500	700	1000	0	100.10	99.40	0.30	0.30	1.00	EP-400×400				
5220_RCS_167	500	0	500	500	0	500	400	1000	0	99.90	99.50	0.30	0.30	0.90	EP-400×400				
5220_RCS_172	500	0	500	500	0	500	600	1000	0	100.10	99.50	0.20	0.20	0.70	EP-400×400				
5220_RCS_173	500	0	500	500	0	500	400	1000	0	99.70	99.30	0.30	0.30	0.80	EP-400×400				
5220_RCS_174	500	0	500	500	0	500	400	1000	0	99.70	99.30	0.00	0.30	0.90	EP-400×400				
5220_RCS_175	500	0	500	500	0	500	400	1000	0	99.70	99.30	0.30	0.30	0.80	EP-400×400				
5220_RCS_176	500	0	500	500	0	500	400	1000	0	99.65	99.25	0.00	0.20	0.80	EP-400×400				
5220_RCG_003	500	0	500	500	0	500	400	1000	0	100.10	99.70	0.60	1.40	2.00	EP-400×400				
5220_RCG_011	500	0	500	500	0	500	580	1000	0	100.10	99.52	0.30	0.90	1.40	EP-400×400				
5220_RCG_012	500	0	500	500	0	500	650	1000	0	100.10	99.45	0.60	0.90	2.20	EP-400×400				
5220_RCG_017	500	0	500	500	0	500	600	1000	0	100.10	99.50	0.30	0.40	1.45	EP-400×400				
5220_RCG_018	500	0	500	500	0	500	650	1000	0	100.10	99.45	0.50	0.40	0.90	EP-400×400				
5220_RCG_022	500	0	500	500	0	500	400	1000	0	100.10	99.70	0.60	1.20	2.00	EP-400×400				
5220_RCG_027	500	0	500	500	0	500	0.4	1000	0	100.10	99.70	0.50	2.20	2.10	EP-400×400				
5220_RCG_031	500	0	500	500	0	500	600	1000	0	100.10	99.50	0.30	0.40	1.40	EP-400×400				
5220_RCG_032	500	0	500	500	0	500	650	1000	0	100.10	99.45	0.50	0.50	1.90	EP-400×400				
5220_RCG_043	500	0	500	500	0	500	400	1000	0	99.90	99.50	0.60	0.60	2.00	EP-400×400				
5220_RCG_045	500	0	500	500	0	500	440	1000	0	99.70	99.26	0.40	0.10	1.30	EP-400×400				
5220_RCG_046	500	0	500	500	0	500	500												