

EQUIPMENT LEGEND	
NO.	EQUIPMENT
T76-G-0201 A/B	FIRE WATER PUMPS (ELECTRIC DRIVEN)
T76-G-0202 A/B	JOCKY PUMPS
T76-G-0203 A/B	FIRE WATER PUMPS (DIESEL DRIVEN)

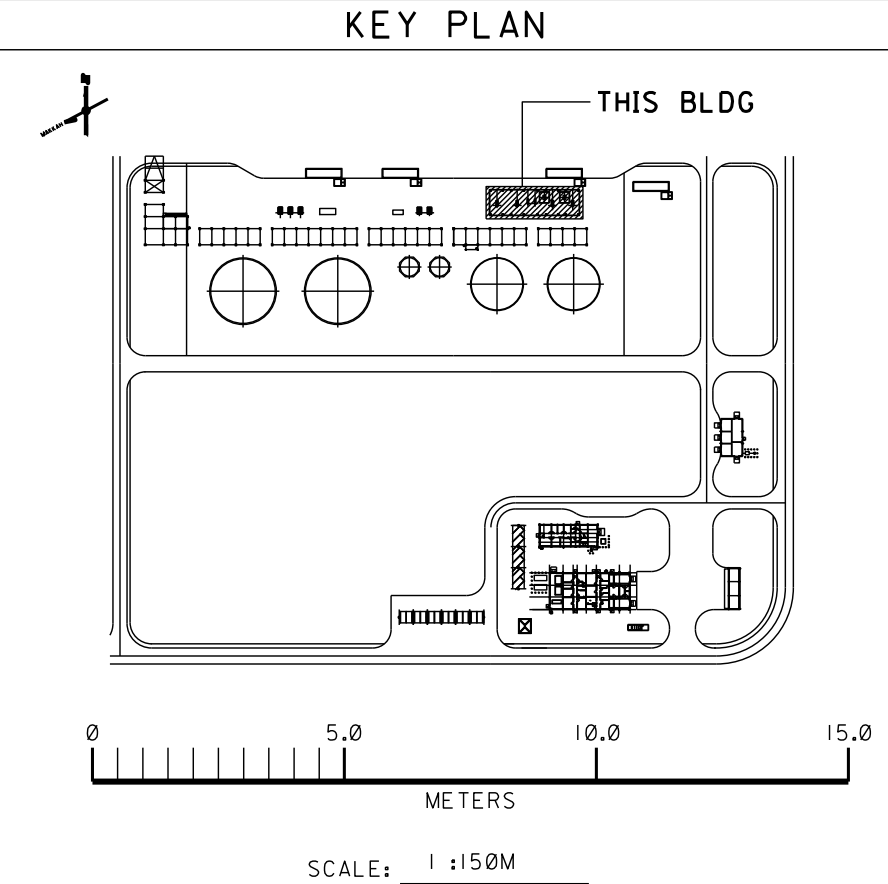
ROOM LIST	
NO.	ROOM
101	FIRE PUMP SUN SHELTER

CODE AND SPECIFICATION ANALYSIS FOR FIRE PUMP SUN SHELTER (T76-S-095)							
NUMBER OF STORIES = 1	AREA 648.00 M2 = 6,975.01 SF		CODE OF SPECIFICATION REFERENCE	SECTION	FIRE SEPARATION WALL (FIRE RATED WALL)	1 HOURS (ESSENTIAL ELECTRONICS EQUIPMENT ROOM)	N/A
OCCUPANCY CLASSIFICATION	GROUP U		SAES-M-100 (IBC 2009)	312	FIRE PROTECTION SYSTEMS	Portable Extinguishers	
CONSTRUCTION TYPE	II-B		SAES-M-100 (IBC 2009)	602	ELECTRICAL AREA CLASSIFICATION	NON-CLASSIFIED AREA	
ALLOWABLE BUILDING AREA	REQUIRED (M2)	ACTUAL (M2)	SAES-M-100 (IBC 2009)	503 (GENERAL BUILDING HEIGHT AND AREA LIMITATIONS)	BLAST LOAD	OVERPRESSURE (PSI) : N/A	IMPULSE (PSI.MS) : N/A
	GROUP U : 790	GROUP U : 648.00		508.4.2 (RATIO)		N/A	N/A
	SUM OF RATIO < 1	SUM OF RATIO = 0.82		TABLE 1016.1 / 1014.3 (TRAVEL DISTANCE LIMITATION)		BRA REPORT T80-A-PP-312908.REV E.BUILDING RISK ASSESSMENT STAGE II/III REPORT APPENDIX E : RECOMMENDATIONS	
MAXIMUM TRAVEL DISTANCE (INCLUDING COMMON PATH OF EGRESS TRAVEL)	GROUP U	91.4M (WITHOUT SPRINKLER SYSTEM)	SAES-M-100 (IBC 2009)	TABLE 1021.2 (NUMBER OF EXITS)	HAZARD	EXPLOSION	CLOUD FIRE
						THermal FLUX	TOXIC
						TOTAL	
NO. OF EXITS	N/A		SAES-M-100 (IBC 2009)	1021.1 / 1021.2 (NUMBER OF EXITS)		RISK(YR) - IR	N/A
						CONTRIBUTION	N/A

NOTES:
1. ALL COORDINATES AND ELEVATIONS ARE IN METERS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

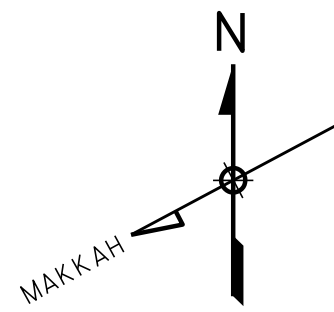
REFERENCE DRAWINGS	
ARCHITECTURAL STANDARD DRAWINGS	CB-044611 TO CB-044620
STRUCTURAL STANDARD DRAWINGS	CB-044621 TO CB-044631
WATER STORAGE PLOT PLAN (4)	CA-034507

REV	DATE	DESCRIPTION	DSND BY	CHKD BY	APPR BY
C	08/03/20	ISSUED FOR REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
B	06/05/20	ISSUED FOR 60% DESIGN REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
A	11/25/19	ISSUED FOR 30% DESIGN REVIEW	S.T.Kim	S.W.Choi	H.J.Lim



REVISION VALIDATION				
THIS REVISION NO. IS COVERED FOR ALL APPROVAL AND CERTIFICATION REQUIREMENTS, PER SAEP-334, UNDER DRAWING COMPLETION CERTIFICATE NO:				
DESIGN CERTIFICATION (DESIGN AGENCY)	REVIEW FOR KEY DRAWINGS (REQUIRED)	REVIEW FOR KEY DRAWINGS (SAUDI ARAMCO)	OTHER	
ENGG./DATE 08/03/20 S.T.Kim	CERTIFIED BY/DATE 08/03/20 H.J.Lim	CONST. AGENCY/DATE	OPERATIONS/DATE	BY/DATE
REVNO./DATE C 08/03/20	REVISION DESCRIPTION ISSUED FOR REVIEW			

SAUDI ARABIAN OIL COMPANY					
GROUND FLOOR PLAN				DRAWING TYPE ARC	
FIRE PUMPS SUN SHELTER (T76-S-095)					
TANAJIB GAS PLANT (TGP)					
TANAJIB			SAUDI ARABIA		
PLANT NO.	INDEX	DRAWING NUMBER		SHT. NO.	REV. NO.
T76	R	CB-371281		001	C

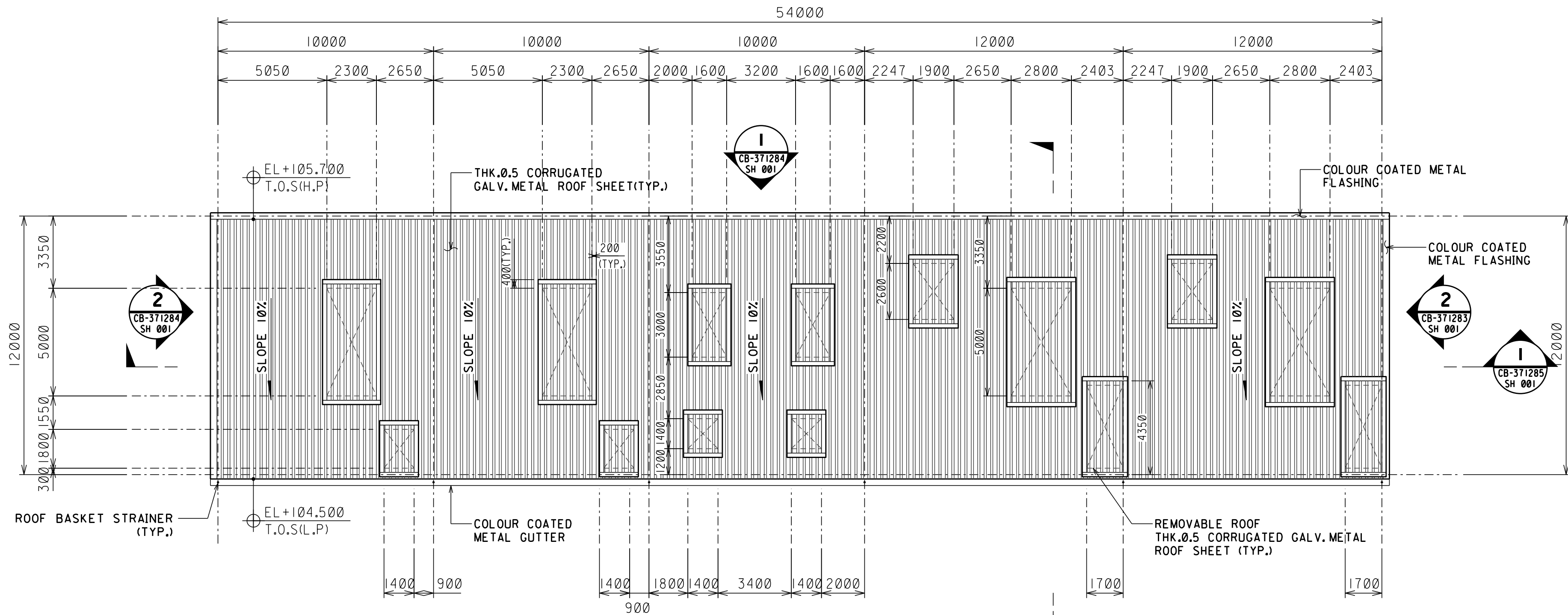


C

1 2 3 4 5 6

B

A



1
CB-371283
SH 001

2
CB-371285
SH 001

1 ROOF PLAN
SCALE 1 : 150

NOTES:

1. FOR GENERAL NOTES, SEE DRAWING CB-371281-001.

REFERENCE DRAWINGS

ARCHITECTURAL STANDARD DRAWINGS	CB-044611 TO CB-044620
STRUCTURAL STANDARD DRAWINGS	CB-044621 TO CB-044631
CIVIL STANDARD DRAWINGS	CB-044082 TO CB-044083
STRUCTURAL STEEL STANDARD DRAWINGS	CB-044411-001-015

C	08/03/20	ISSUED FOR REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
B	06/05/20	ISSUED FOR 60% DESIGN REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
A	11/25/19	ISSUED FOR 30% DESIGN REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
REV	DATE	DESCRIPTION	DSND BY	CHKD BY	APPR BY



SCALE: 1 : 150M

REVISION VALIDATION

THIS REVISION NO. IS COVERED FOR ALL APPROVAL AND CERTIFICATION REQUIREMENTS, PER SAEP-334, UNDER DRAWING COMPLETION CERTIFICATE NO:

DESIGN CERTIFICATION (DESIGN AGENCY)	REVIEW FOR KEY DRAWINGS (REQUIRED)	OTHER
ENGG./DATE 08/03/20 S.T.Kim	CERTIFIED BY/DATE 08/03/20 H.J.Lim	CONST. AGENCY/DATE OPERATIONS/DATE BY/DATE
REVNO./DATE C 08/03/20	REVISION DESCRIPTION ISSUED FOR REVIEW	

JOB ORDER/EWO NO. 10-09003-0005
THIS REVISION IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED

SAUDI ARABIAN OIL COMPANY

ROOF PLAN

ARC

FIRE PUMPS SUN SHELTER (T76-S-095)

TANAJIB GAS PLANT (TGP)

TANAJIB SAUDI ARABIA

PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
T76	R	CB-371282	001	C

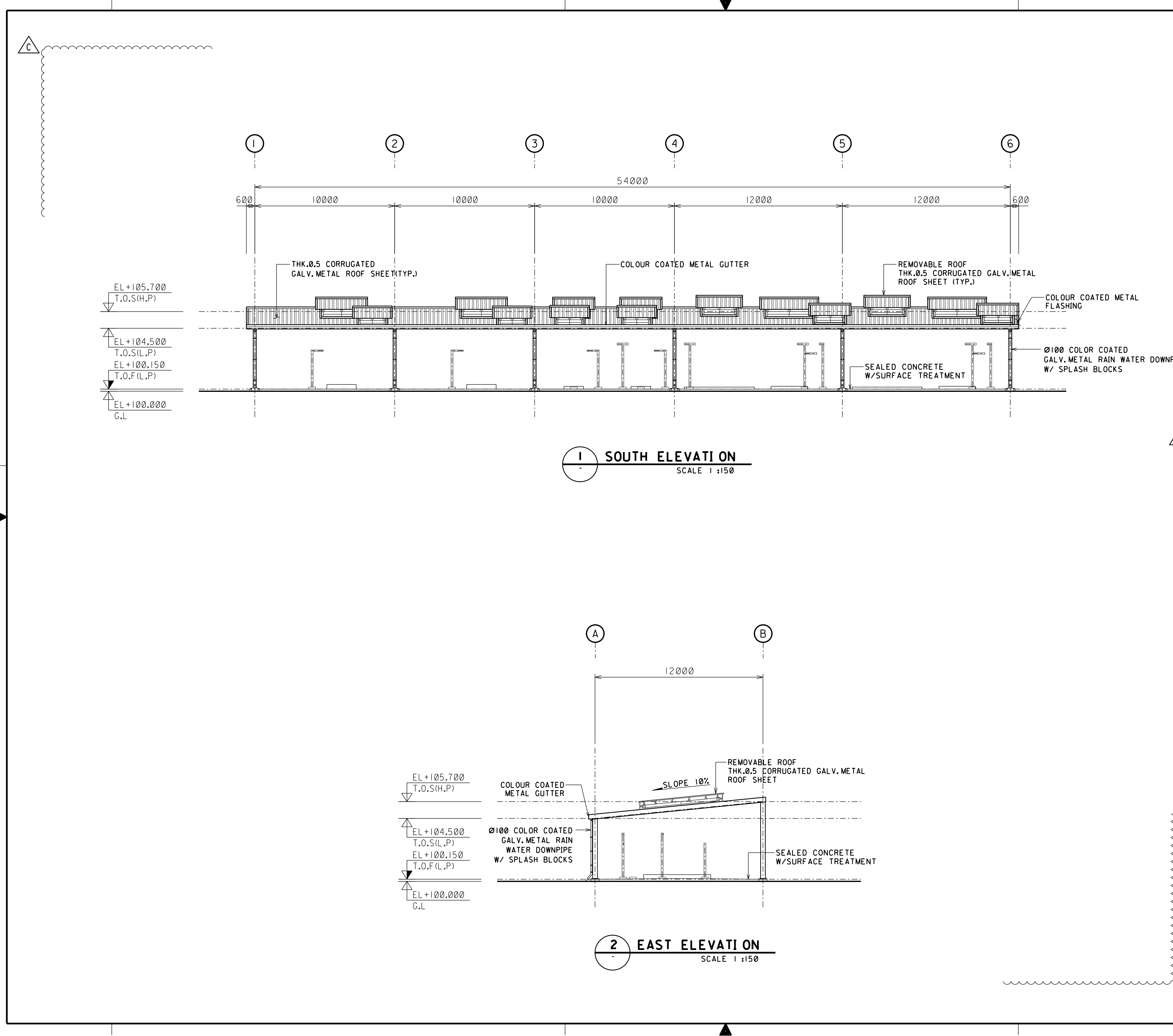
RESTRICTED

VECTOR

CADD-00

Saudi Aramco 2634 ENG. 105/081

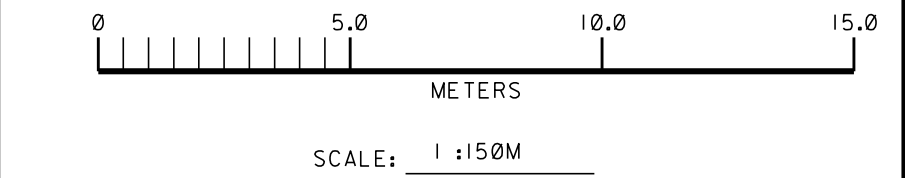
THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE SOLE PROPERTY OF SAUDI ARAMCO. NO REPRODUCTION IN FULL, OR IN PART, SHALL BE OBTAINED FROM THIS DRAWING WITHOUT THE WRITTEN CONSENT OF SAUDI ARAMCO.



NOTES:
1. FOR GENERAL NOTES, SEE DRAWING CB-371281-001.

REFERENCE DRAWINGS	
ARCHITECTURAL STANDARD DRAWINGS	CB-044611 TO CB-044620
STRUCTURAL STANDARD DRAWINGS	CB-044621 TO CB-044631
CIVIL STANDARD DRAWINGS	CB-044082 TO CB-044083
STRUCTURAL STEEL STANDARD DRAWINGS	CB-044411-001-015

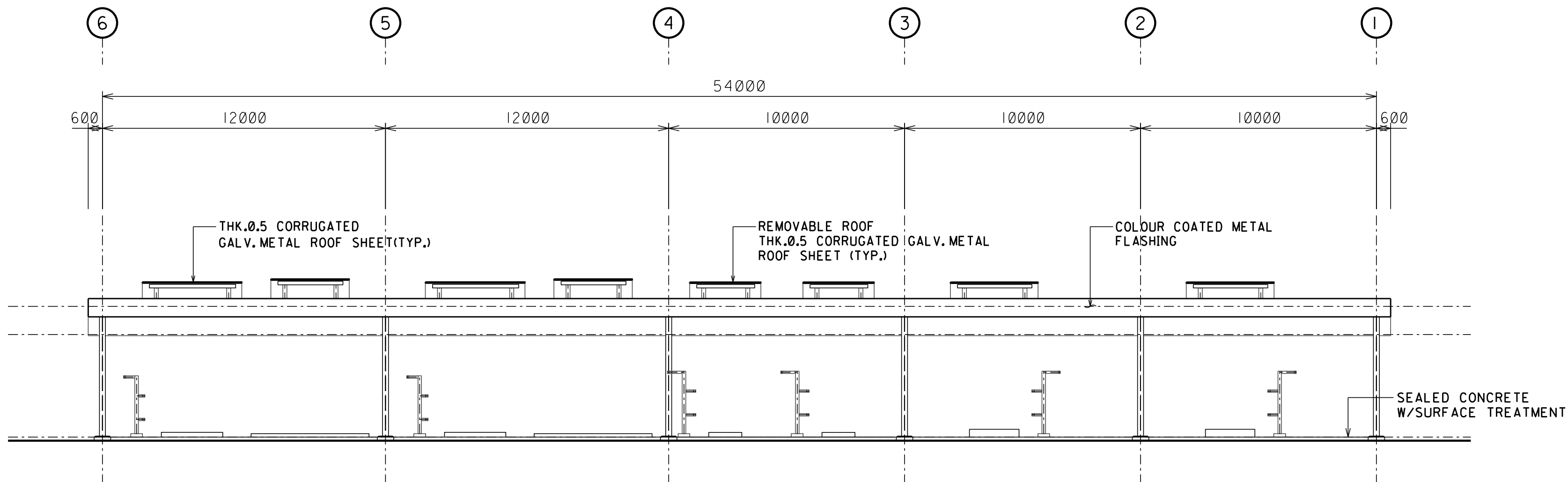
C	08/03/20	ISSUED FOR REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
B	06/05/20	ISSUED FOR 60% DESIGN REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
A	11/25/19	ISSUED FOR 30% DESIGN REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
REV	DATE	DESCRIPTION	DSND BY	CHKD BY	APPR BY



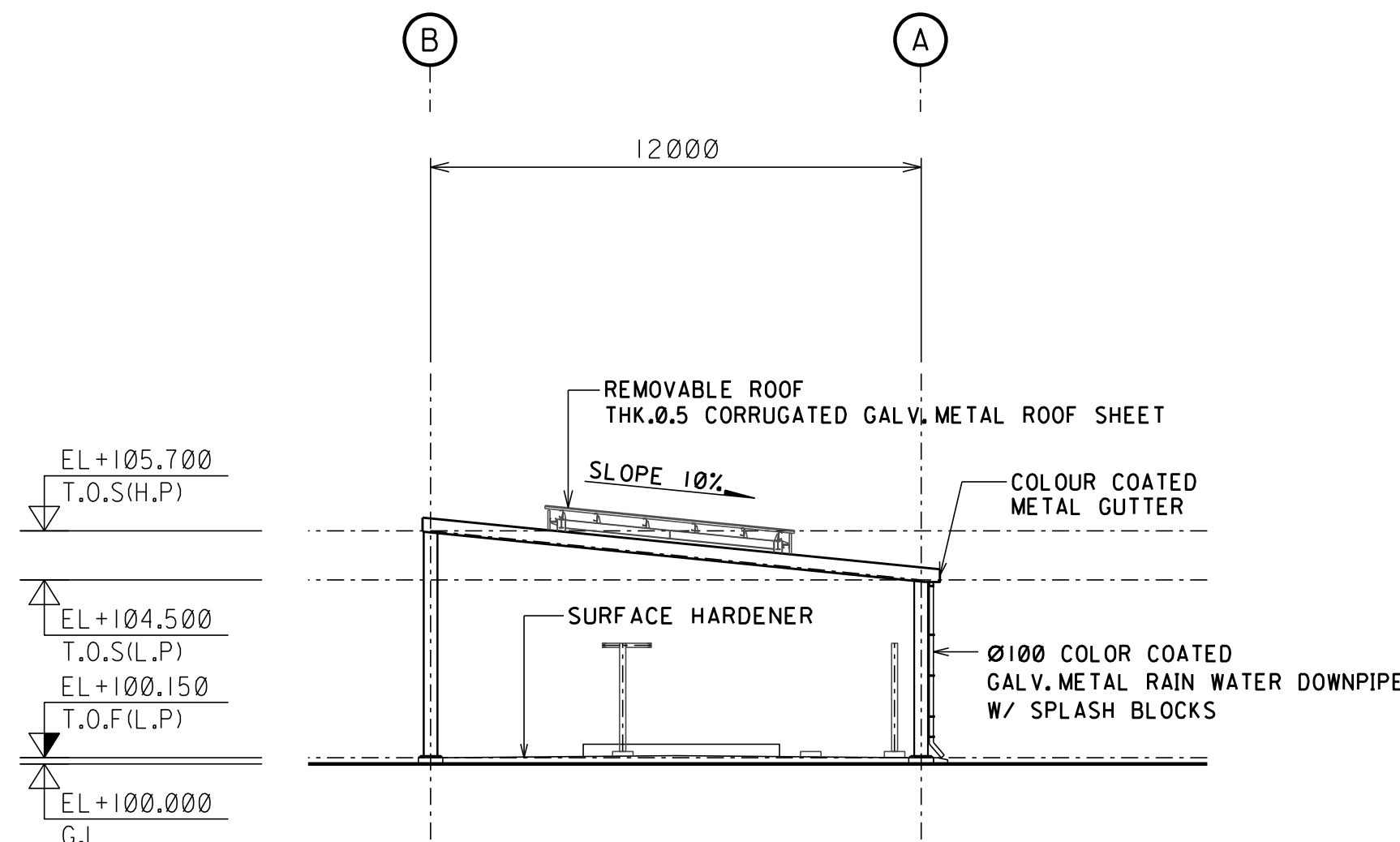
REVISION VALIDATION				
THIS REVISION NO. IS COVERED FOR ALL APPROVAL AND CERTIFICATION REQUIREMENTS, PER SAEP-334, UNDER DRAWING COMPLETION CERTIFICATE NO: 10-09003-0005				
DESIGN CERTIFICATION (DESIGN AGENCY)	REVIEW FOR KEY DRAWINGS (SAUDI ARAMCO)	OTHER		
ENGG./DATE 08/03/20 S.T.Kim	CERTIFIED BY/DATE 08/03/20 H.J.Lim	CONST. AGENCY/DATE	OPERATIONS/DATE	BY/DATE
REVNO./DATE C 08/03/20	REVISION DESCRIPTION ISSUED FOR REVIEW			

JOB ORDER/EWO NO. 10-09003-0005		THIS REVISION IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED		
SAUDI ARABIAN OIL COMPANY				
ELEVATION-1				DRAWING TYPE ARC
FIRE PUMPS SUN SHELTER (T76-S-095)				
TANAJIB GAS PLANT (TGP)				
TANAJIB		SAUDI ARABIA		
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
T76	R	CB-371283	001	C

C



1 NORTH ELEVATION
SCALE 1 : 150



2 WEST ELEVATION
SCALE 1 : 150

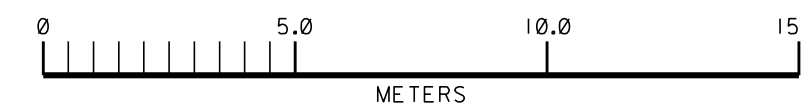
NOTES:

1. FOR GENERAL NOTES, SEE DRAWING CB-371281-001.

REFERENCE DRAWINGS

ARCHITECTURAL STANDARD DRAWINGS	CB-044611 TO CB-044620
STRUCTURAL STANDARD DRAWINGS	CB-044621 TO CB-044631
CIVIL STANDARD DRAWINGS	CB-044082 TO CB-044083
STRUCTURAL STEEL STANDARD DRAWINGS	CB-044411-001-015

A	08/03/20	ISSUED FOR REVIEW	S.T.Kim	S.W.Choi	H.J.Lim
REV	DATE	DESCRIPTION	DSND BY	CHKD BY	APPR BY



SCALE: 1 : 150M

REVISION VALIDATION

THIS REVISION NO. IS COVERED FOR ALL APPROVAL AND CERTIFICATION REQUIREMENTS, PER SAEP-334, UNDER DRAWING COMPLETION CERTIFICATE NO:

DESIGN CERTIFICATION (DESIGN AGENCY)	REVIEW FOR KEY DRAWINGS REQUIRED (SAUDI ARAMCO)	OTHER
ENGG./DATE 08/03/20 S.T.Kim	CERTIFIED BY/DATE 08/03/20 H.J.Lim	CONST. AGENCY/DATE OPERATIONS/DATE BY/DATE

REVNO./DATE A 08/03/20	REVISION DESCRIPTION ISSUED FOR REVIEW
------------------------------	---

JOB ORDER/EWO NO. 10-09003-0005	THIS REVISION IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED
------------------------------------	--

SAUDI ARABIAN OIL COMPANY

ELEVATION-2

ARC

FIRE PUMPS SUN SHELTER (T76-S-095)

TANAJIB GAS PLANT (TGP)

TANAJIB SAUDI ARABIA

PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
T76	R	CB-371284	001	A

RESTRICTED

VECTOR

CADD-00

Saudi Aramco 2634 ENG. (05/08)

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE SOLE PROPERTY OF SAUDI ARAMCO. NO REPRODUCTION IN FULL, OR IN PART, SHALL BE OBTAINED FROM THIS DRAWING WITHOUT THE WRITTEN CONSENT OF SAUDI ARAMCO.

