



Site Technical Query - Form

SN1809-0000/XE.FRM/0001 Rev 4 03/02/2022

TQ Number:			Project:								
CW2148472 -A010- 0034			Oyu Tolgoi Underground Project								
A. To be completed by	y or on be	half of the Co	ntractor								
Contractor/Sub- Contractor Name:	MCS Into	ernational			Date Response	27/05/2022					
Contract Title:	Haulage	Truck Work	shop /C-004D,	/	Plant Area &	1883					
Contract No.	CW214	8472			Contractor TQ Number:	TWS-0415-TQ-0034					
Discipline Codes (Man	idatory)	D1 (CSA) - [D2 (MP) -	× I	O3 (E&I) - □	D4 (Other) -					
Description of Technical Query (List affected drawings and specifications):											
Subject: Pipe suppo	rts desig	n proposal fo	or Road train b	ay-1,2							
clarification from th	ie Compa	my on the st	iggested suppo	orts.							
□ F	Routine					Technical Query instructions					
Proposed Action (Li The Contractor is pr train bay-1,2.			xed SD106 supp	orts and F	F1 supports with	proposed dimension for the road					
If more space is required use extra page at the end of this FORM											
Effect on cost (USD):	NC)									
Effect on schedule (D											
Effect on quality:	NC										
Requested by (Name)		yamsuren.O			Position:	SMP Engineer					
Signature:					Date: (dd/mm/yyyy)	24/05/2022					

B. To be completed by Jacobs Field Engineer								
Comments/recommendations by Engineering								
Proposal is accepted only for F1 type of supports and to be advised as following comments.								
 - According to Fire System GA drawings (1883-40-B1-1101~1103), all of branch pipelines for Sprinklers shall be installed with F1 type of supports. - Proposed SD-106 type of supports are not accepted. - Pipe support's spacing (span) shall be complied with note-4 on 0000-40-B1-8005 as shown below. 								
4. DISTANCES BETWEEN PIPE SUPPORTS (FOR ALL FIRE WATER PIPEWORK) SHALL NOT EXCEED THE FOLLOWING PIPEWORK SPANS FOR THE PIPE SIZES ACCORDING TO NFPA 13 SECTION 9.2: SIZE DN & SPAN m (MAXIMUM DISTANCE). DN32 - 3.66m DN50 - 4.57m DN100 - 4.57m DN150 - 4.57m DN200 - 4.57m								
Disclaimer: Acceptance or rejection of this TQ is only related with technical aspects. If Cost or Schedule Impact are associated with this TQ, it must be discussed separately with Jacobs Contract team.								
C. Engineering Decision D. Information								

REVIEWER			APPROVER	CONSTRUCTION MANAGER	
Field Engi	neer OR Lead Engineer	Lead Engin	eer OR Chief of Engineering	(If Cost and/or Schedule Impact)	
Date:		Date:		Date:	
(dd/mm/yyyy)		(dd/mm/yyyy)		(dd/mm/yyyy)	

Design Change
Distribute to:
Design Author DA

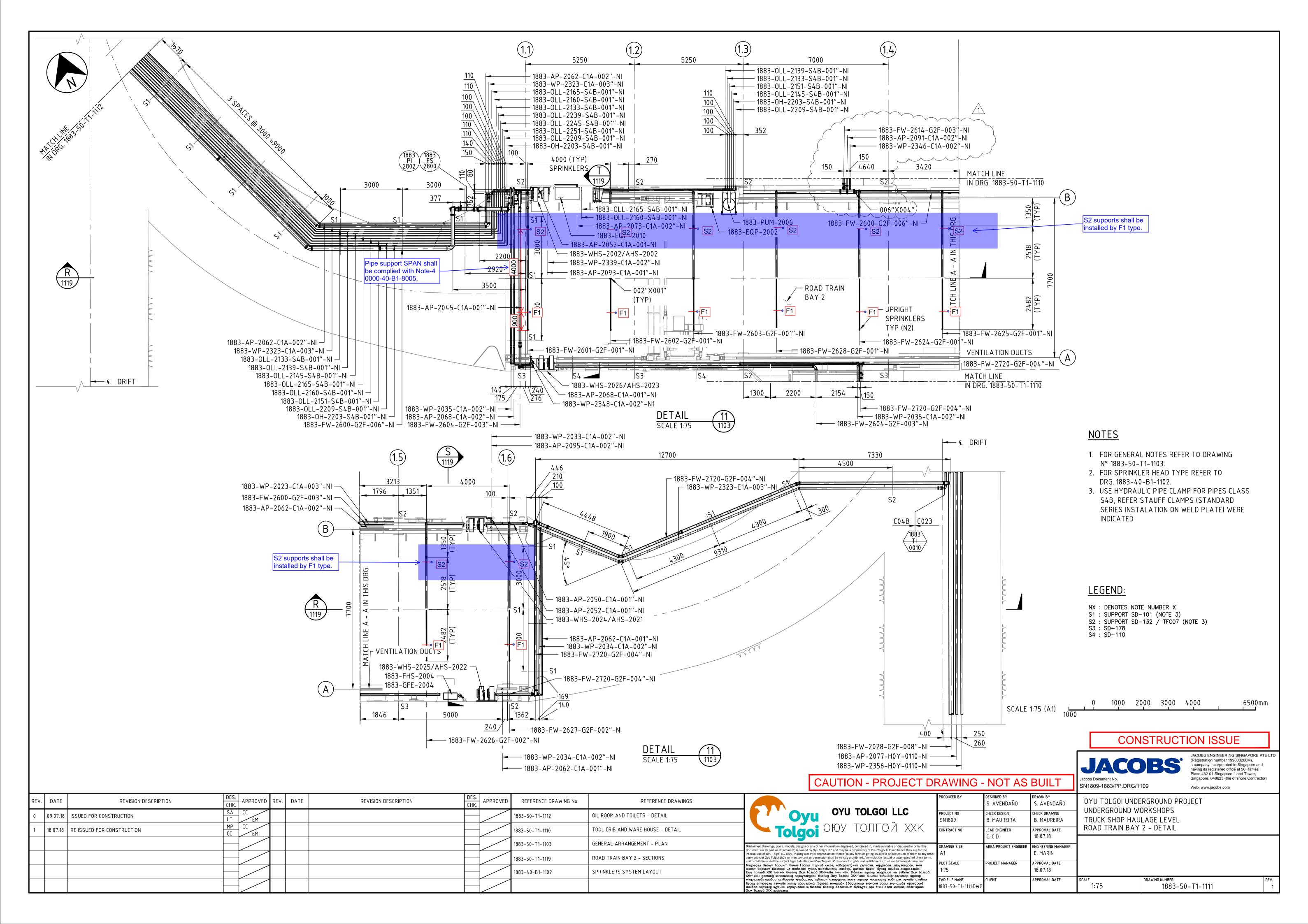
Reject

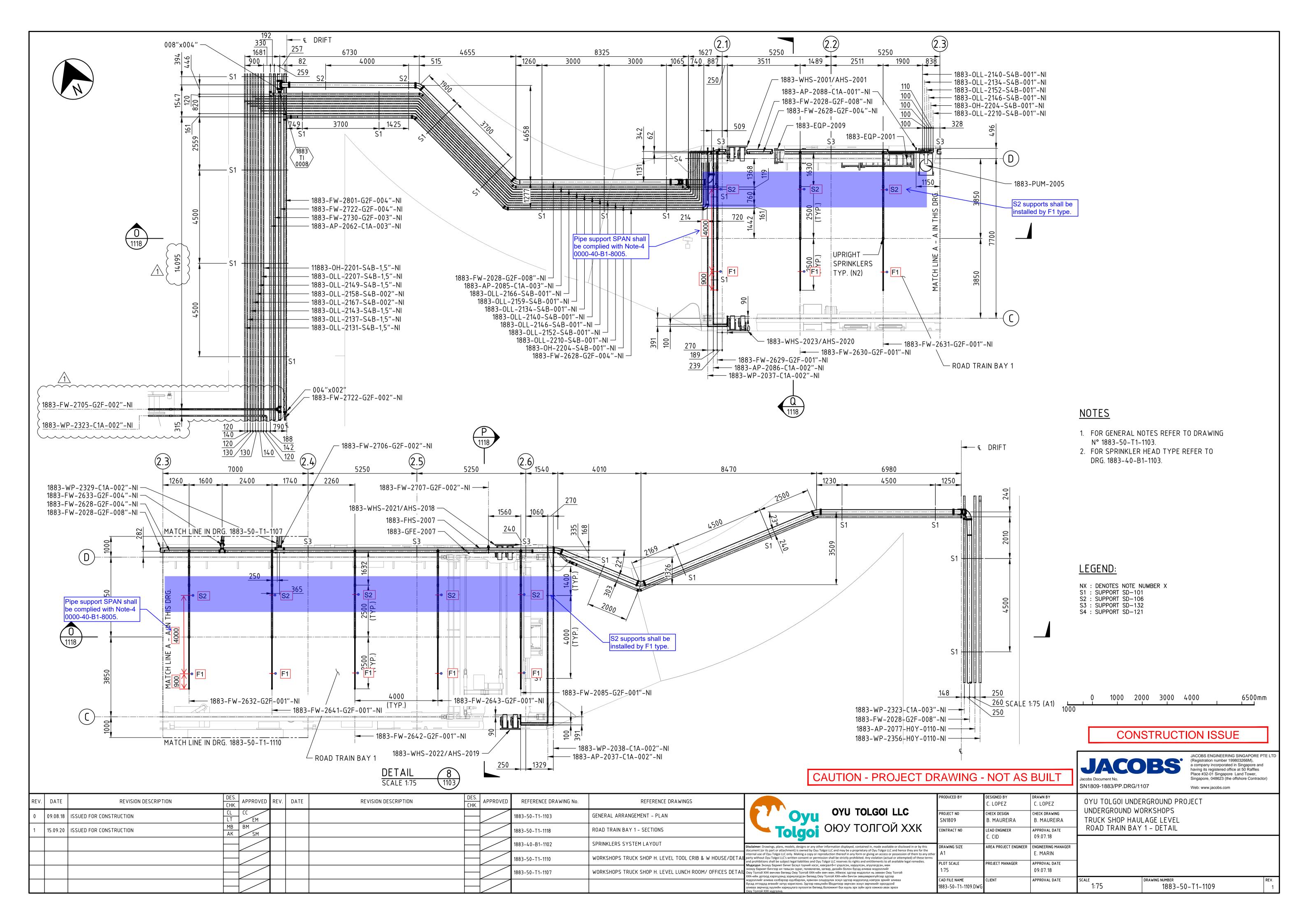
Accept with comments

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Schedule Impact
Distribute to:
Proj. Controls &
Construction Manager

Cost Impact
Distribute to:
Contracts, Proj. Controls
& Construction Manager





ATTACHMENT 2.

