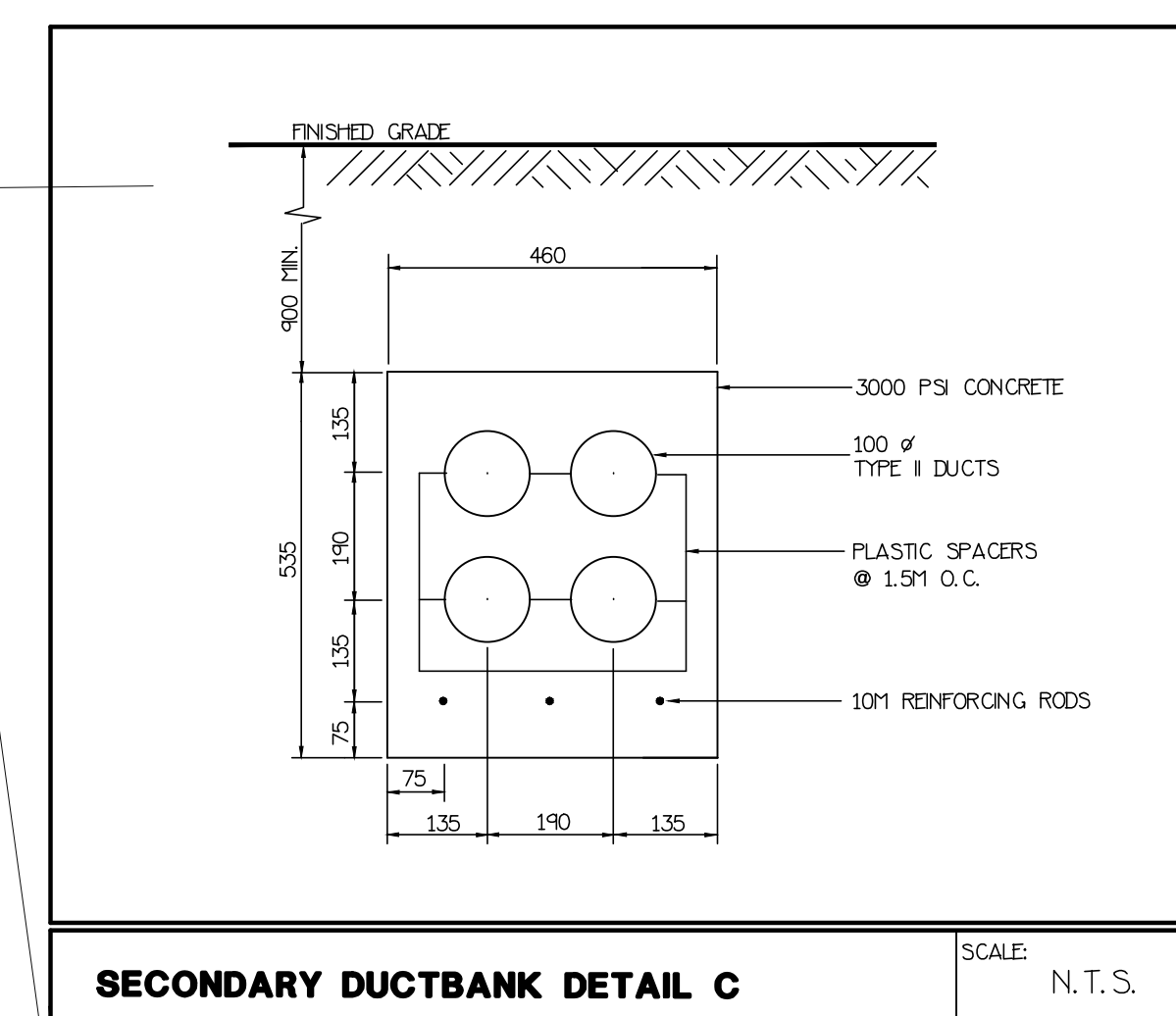


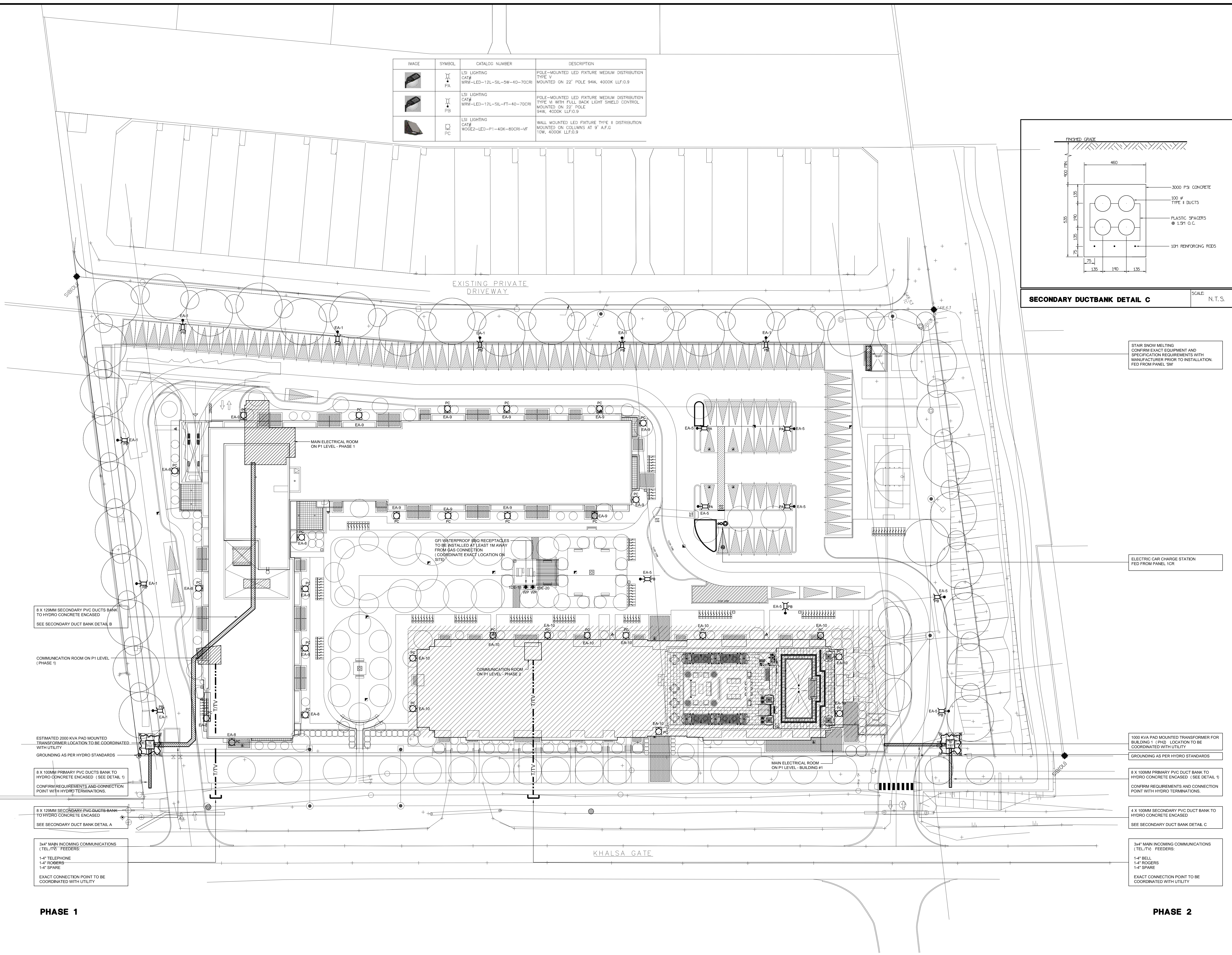
KEY PLAN (L1.8)

IMAGE	SYMBOL	CATALOG NUMBER	DESCRIPTION
	PA	LSI LIGHTING CAT# MW-LED-12L-SL-SW-40-70CR	POLE-MOUNTED LED FIXTURE MEDIUM DISTRIBUTION TYPE V MOUNTED ON 22' POLE 94W, 4000K LUF0.9
	PB	LSI LIGHTING CAT# MW-LED-12L-SL-FT-40-70CR	POLE-MOUNTED LED FIXTURE MEDIUM DISTRIBUTION TYPE VI WITH FULL BACK LIGHT SHIELD CONTROL MOUNTED ON 22' POLE 94W, 4000K LUF0.9
	PC	LSI LIGHTING CAT# WGEZ-LED-P1-40K-80CH-VF	WALL MOUNTED LED FIXTURE TYPE B DISTRIBUTION MOUNTED ON COLUMNS AT 9' A.F.G. 10W, 4000K LUF0.9



SECONDARY DUCTBANK DETAIL C SCALE: N.T.S.

STAR SNOW MELTING  
CONFIRM EXACT EQUIPMENT AND  
SPECIFICATION REQUIREMENTS WITH  
MANUFACTURER PRIOR TO INSTALLATION.  
FED FROM PANEL 5M



8 X 120MM SECONDARY PVC DUCTS BANK TO HYDRO CONCRETE ENCASED  
SEE SECONDARY DUCT BANK DETAIL B

COMMUNICATION ROOM ON P1 LEVEL (PHASE 1)

ESTIMATED 2000 KVA PAD MOUNTED TRANSFORMER LOCATION TO BE COORDINATED WITH UTILITY  
GROUNDING AS PER HYDRO STANDARDS

8 X 100MM PRIMARY PVC DUCTS BANK TO HYDRO CONCRETE ENCASED (SEE DETAIL 1)  
CONFIRM REQUIREMENTS AND CONNECTION POINT WITH HYDRO TERMINATIONS.

8 X 120MM SECONDARY PVC DUCTS BANK TO HYDRO CONCRETE ENCASED  
SEE SECONDARY DUCT BANK DETAIL A

3/4" MAIN INCOMING COMMUNICATIONS (TEL./TV) FEEDERS:  
1-4" TELEPHONE  
1-4" FIBER  
1-4" SPARE  
EXACT CONNECTION POINT TO BE COORDINATED WITH UTILITY

1000 KVA PAD MOUNTED TRANSFORMER FOR BUILDING 1 (PHASE 1) LOCATION TO BE COORDINATED WITH UTILITY  
GROUNDING AS PER HYDRO STANDARDS

8 X 100MM PRIMARY PVC DUCT BANK TO HYDRO CONCRETE ENCASED (SEE DETAIL 1)  
CONFIRM REQUIREMENTS AND CONNECTION POINT WITH HYDRO TERMINATIONS.

8 X 120MM SECONDARY PVC DUCT BANK TO HYDRO CONCRETE ENCASED  
SEE SECONDARY DUCT BANK DETAIL C

3/4" MAIN INCOMING COMMUNICATIONS (TEL./TV) FEEDERS:  
1-4" BELL  
1-4" FIBER  
1-4" SPARE  
EXACT CONNECTION POINT TO BE COORDINATED WITH UTILITY

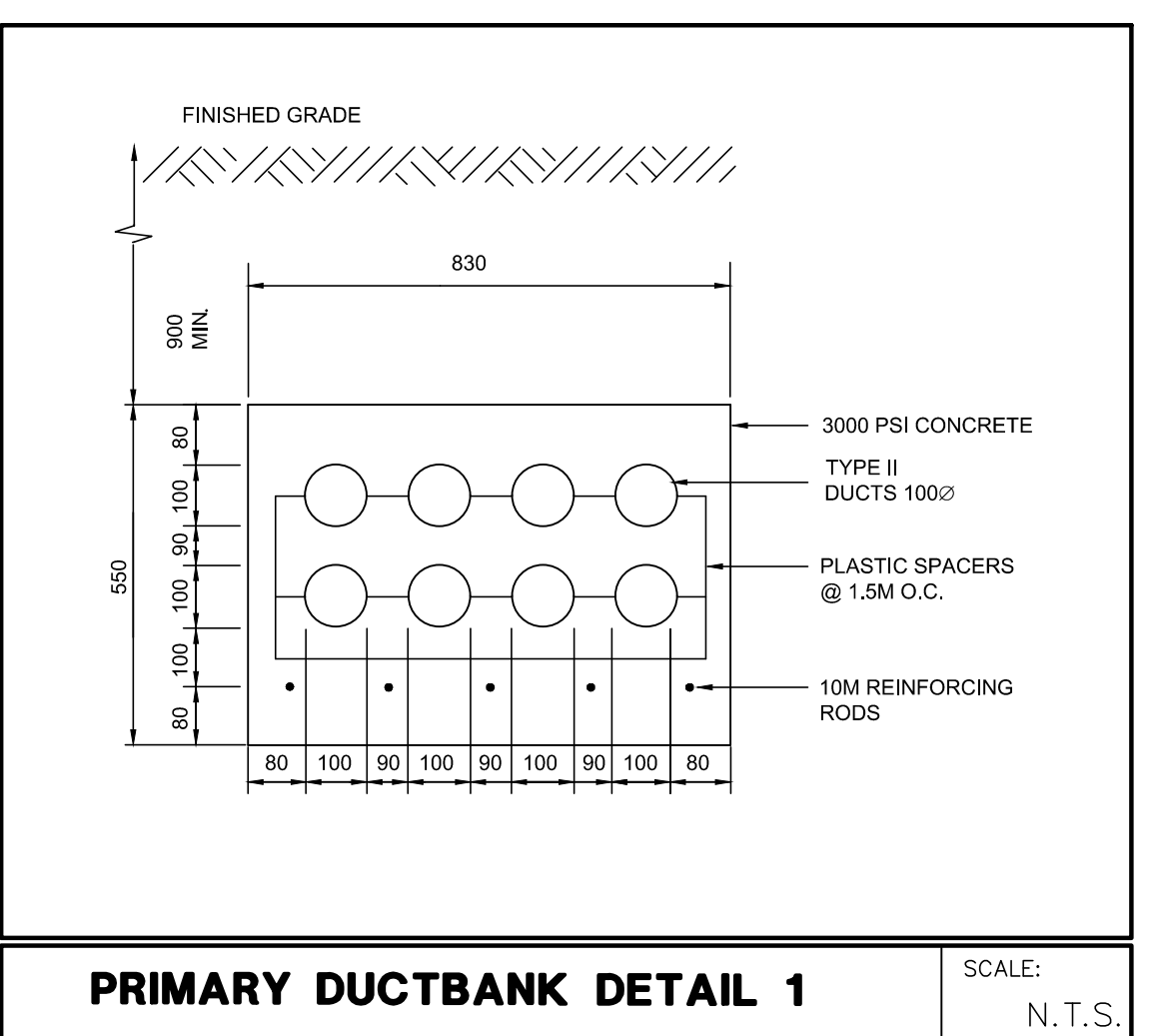
PHASE 1

PHASE 2

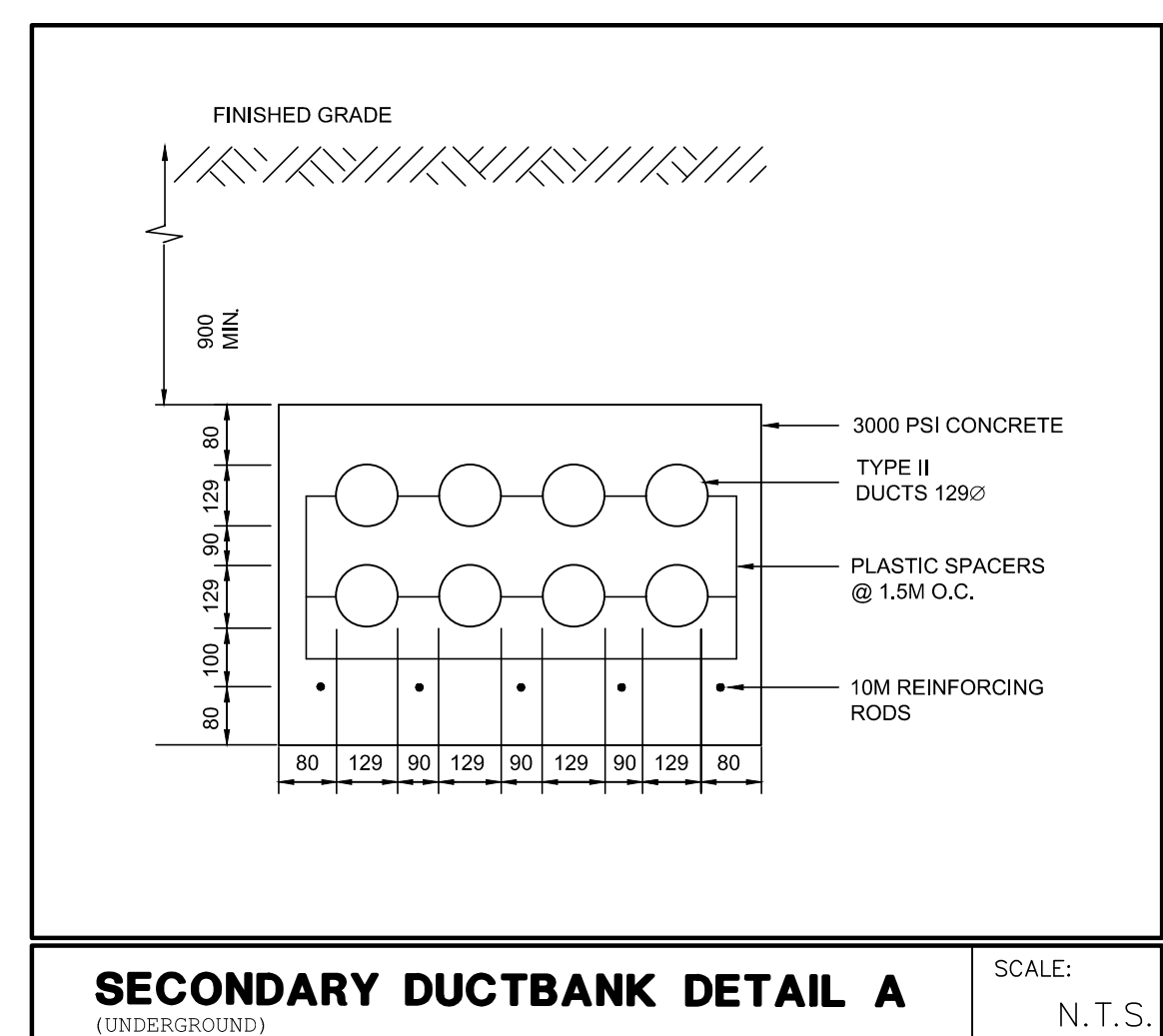
NO.	BY	DESCRIPTION	DATE
04	LL	RE-ISSUED FOR PERMIT	DEC. 3, 2021
03	LL	ISSUED FOR TENDER	NOV. 19, 2021
02	LL	RE-ISSUED FOR PERMIT	NOV. 5, 2021
01	CM	ISSUED FOR PERMIT	MAR. 15, 2021

REVISIONS

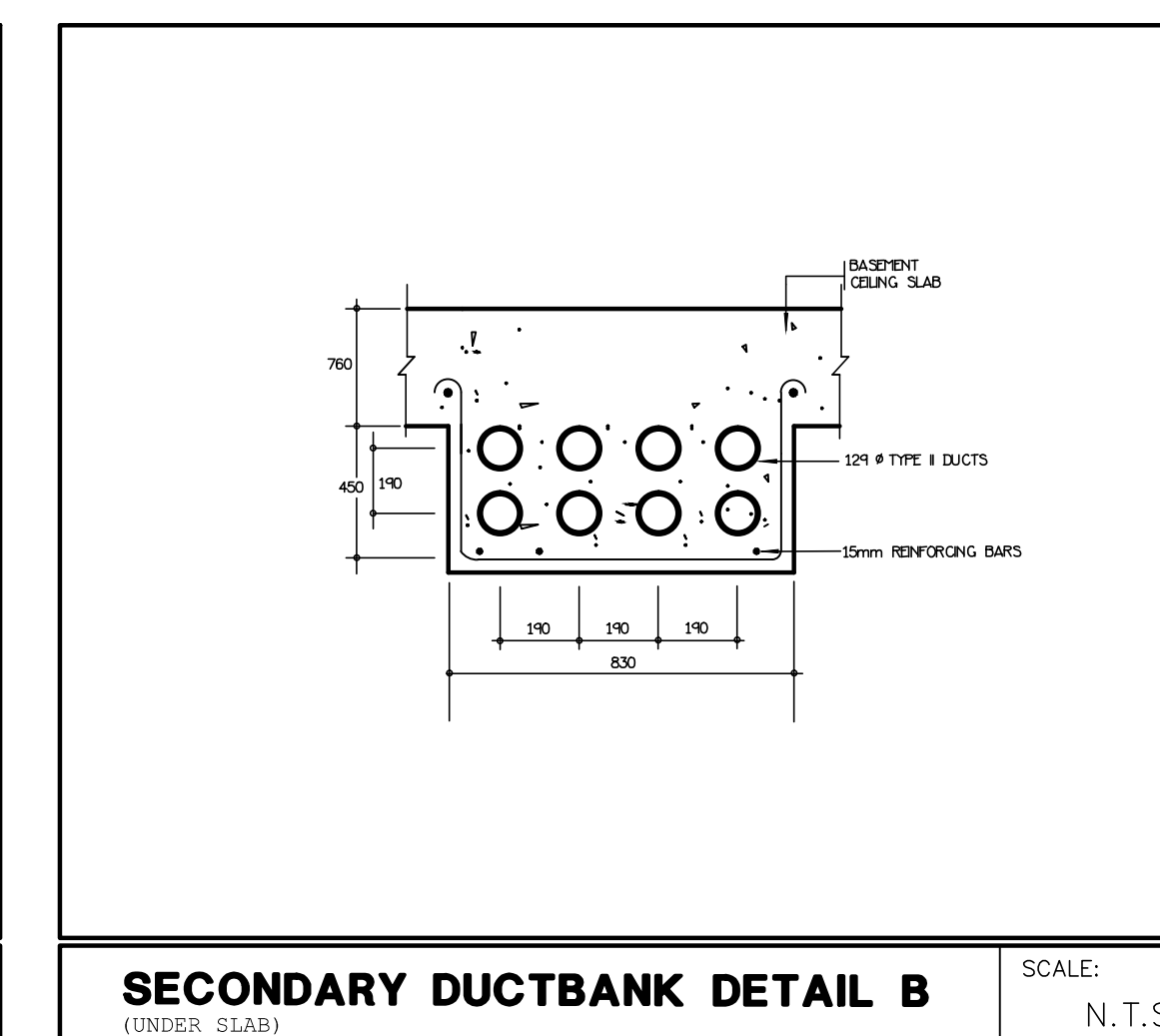
This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding.  
United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc. on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.



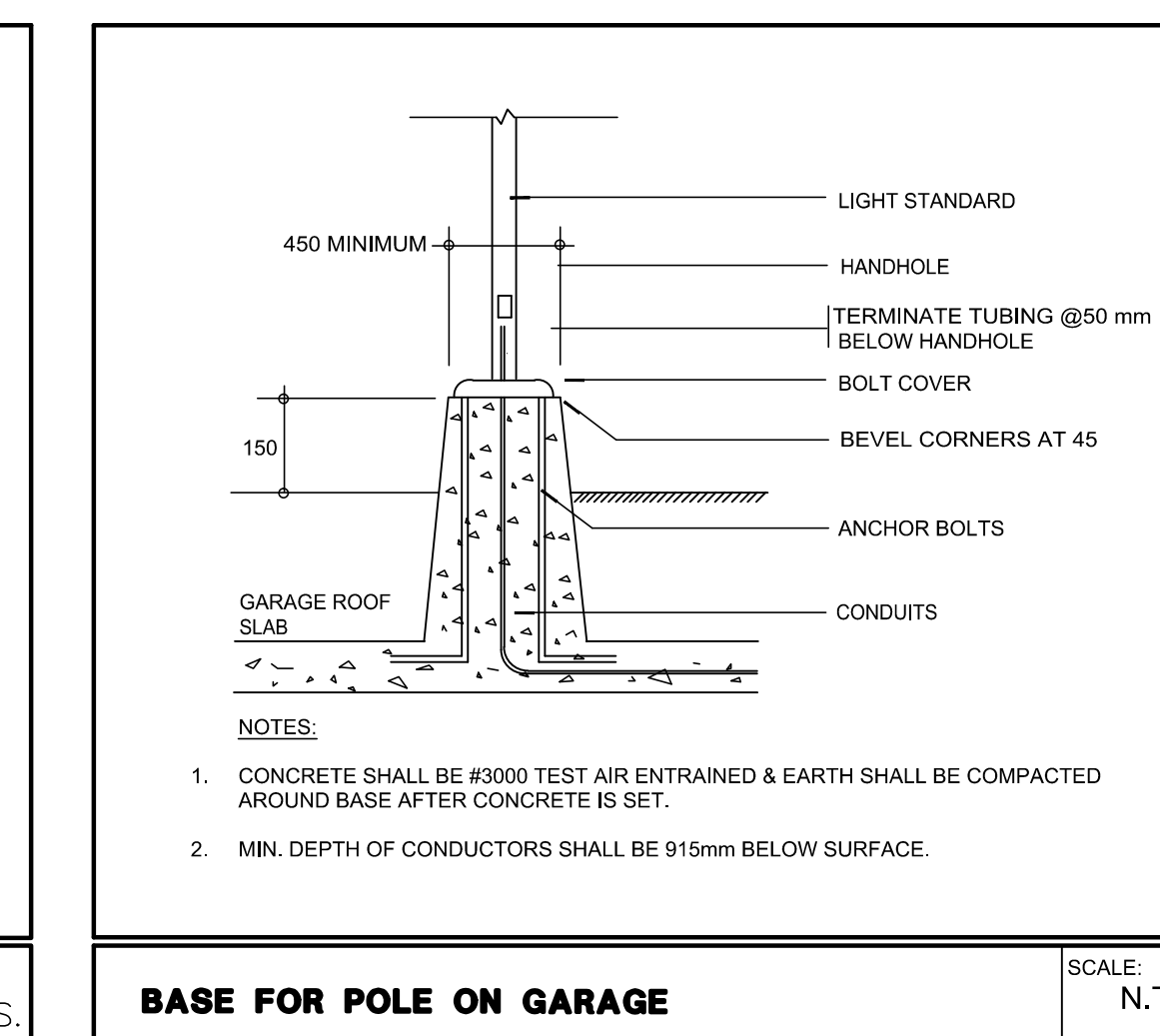
PRIMARY DUCTBANK DETAIL 1 SCALE: N.T.S.



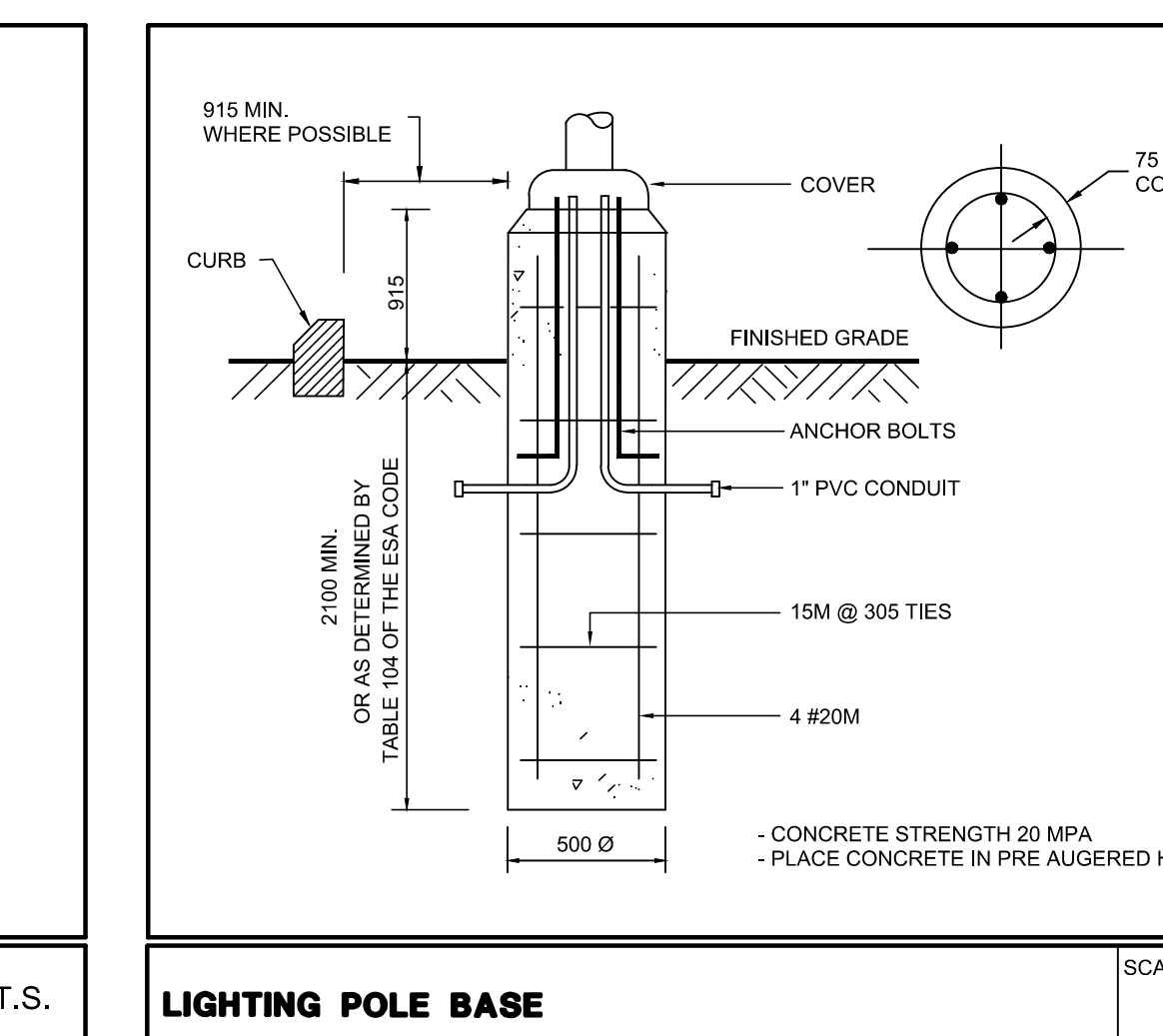
SECONDARY DUCTBANK DETAIL A SCALE: N.T.S.



SECONDARY DUCTBANK DETAIL B SCALE: N.T.S.

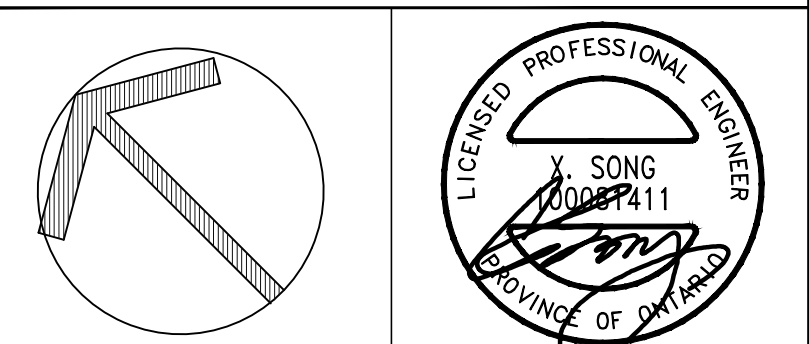


BASE FOR POLE ON GARAGE SCALE: N.T.S.



LIGHTING POLE BASE SCALE: N.T.S.

PANEL IDENTIF.	EA	SERVICE MAIN DUCT BRK. MAINS MOUNTINGS	208Y/120V, 3Ø, 4W	225 AMPS SURFACE	CONDUITS	BRN	WATTS	LOAD DESCRIPTION
					1	15A	2	LIGHTS (STAR EXT)
					2	15A	4	BACKLARD (SITE)
					3	15A	6	LIGHTS (LOADING)
					4	15A	8	WALL LIGHTS (BUILDING 2 EXTERIOR)
					5	15A	10	WALL LIGHTS (BUILDING 1 EXTERIOR)
					6	15A	12	SPARE
					7	15A	14	
					8	15A	16	
					9	15A	18	
					10	15A	20	
					11	15A	22	
					12	15A	24	
					13	15A	26	
					14	15A	28	
					15	15A	30	
					16	15A	32	
					17	15A	34	
					18	15A	36	
					19	15A	38	
					20	15A	40	
					21	15A	42	
					22	15A	44	
					23	15A	46	
					24	15A	48	
					25	15A	50	
					26	15A	52	
					27	15A	54	
					28	15A	56	
					29	15A	58	
					30	15A	60	



UNITED ENGINEERING INC.  
Mechanical Electrical Consulting Engineers  
3640 Keele Street, Suite 105,  
Toronto, Ontario, M3J 1M6  
Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE  
SITE PLAN  
ELECTRICAL  
KHALSA GATE  
2343 KHALSA GATE BUILDING  
OAKVILLE ONTARIO

DATE	CM	CHECKED	SCALE
DEC 2020	CM	GS	1:300