

**** INSTALL PRIMARY ELBOW ARRESTORS IN ALL PADMOUNT TRANSFORMERS AND PRIMARY ENCLOSURES THAT ARE AT THE END OF RADIAL FEEDS ***

****FINAL LOCATION OF UNDERGROUND INFRASTRUCTURE (XFMR'S, PVC DUCT BANK, ETC) WILL BE COORDINATED WITH AND APPROVED AS PER NBU INSPECTOR

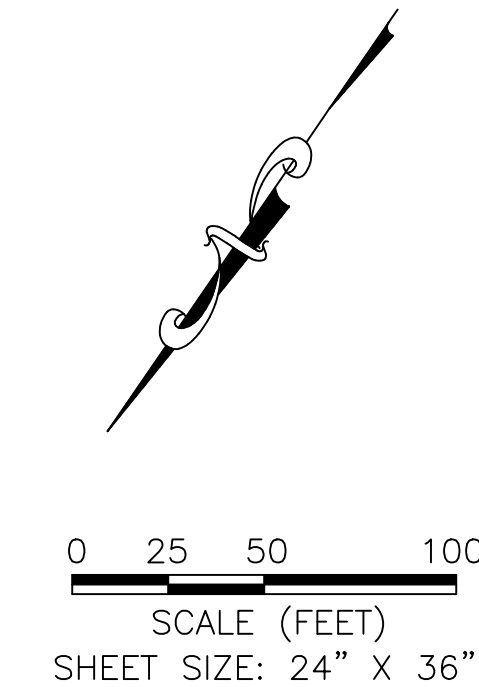
*** ACTUAL LOCATION OF UNDERGROUND ELECTRIC INFRASTRUCTURE UNKNOWN, NEED TO FIELD VERIFY & COORDINATE WITH NBU.**

*** AS PER DIG TESS LINE LOCATE MARKINGS-- POT HOLING AND/OR JET VACUUMING MAYBE REQUIRED IN PROJECT SCOPE OF WORK AT ALL WORK LOCATIONS.**

*****ALL UD SECONDARY STUB OUTS WILL BE 3" PVC IN SIZE AND MINIMUM 10' (FT.) IN LENGTH TO BACK EDGE OF EASEMENT.**

ALL NON - NBU UD ELECTRIC INFRASTRUCTURE (GAS - WATER - SEWER - ETC.) NOTED ON PROJECT PLAN SET DWG PROVIDED BY OTHERS.

*** ALL CONSTRUCTION NOTATIONS ON PROJECT DWG HAVE BEEN COORDINATED WITH AND APPROVED AS PER NBU ELECTRICAL ENGINEERING DEPT.**



LEGEND	
GREEN	EXISTING
BLUE	NEW
RED	REMOVE
	SECONDARY ENCLOSURE W/ STUBOUT
	KVA TRANSFORMER W/ STUBOUT
	PRI PULL BOX WITH 3 OR 4 PLACE MOLD
	METAL POLE
	ANTIQUE STREET LIGHT
	STREET LIGHT
	30 1/0 PRIMARY AND/OR 4/0 PRIMARY
	10 1/0 PRIMARY
	500 SECONDARY
	350 SECONDARY
	1/0 SECONDARY
	4/0 SECONDARY
	STREET LIGHT CIRCUIT; 1 1/4" C WITH #12 UF
	30 PRIMARY STUB OUT
	10 PRIMARY STUB OUT

CONDUCTOR			
INSTALLED			
10 1/0 PRIMARY JACKETED CONDUCTOR (SINGLE PHASE)			
2010	X	1	= 2010
ELECTRIC EQUIPMENT			
INSTALLED			
80 KVA PADMOUNT XFMR			3
75 KVA PADMOUNT XFMR			4
100 KVA PADMOUNT XFMR			1
UD SECONDARY ENCLOSURE			21
SINGLE PHASE PRIMARY ENCLOSURE			3
10 UD PRIMARY RISER			3

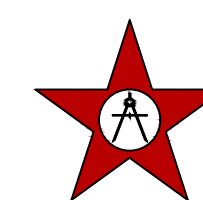
LOTS PER PHASE	GATEHOUSE SUBD			
UNIT	"A" PHASE	"B" PHASE	"C" PHASE	# OF LOTS
UNIT 1	4	63	9	76
UNIT 2	21	11	57	89
UNIT 3	46	0	0	46
UNIT 4	0	0	48	48
TOTAL	71	74	114	259

***** Trees must be planted no closer than 5' edge to edge to any buried electric line, so this means trees need to be centered no closer than 9' to the front property line for typical 200 Amp infrastructure areas.**



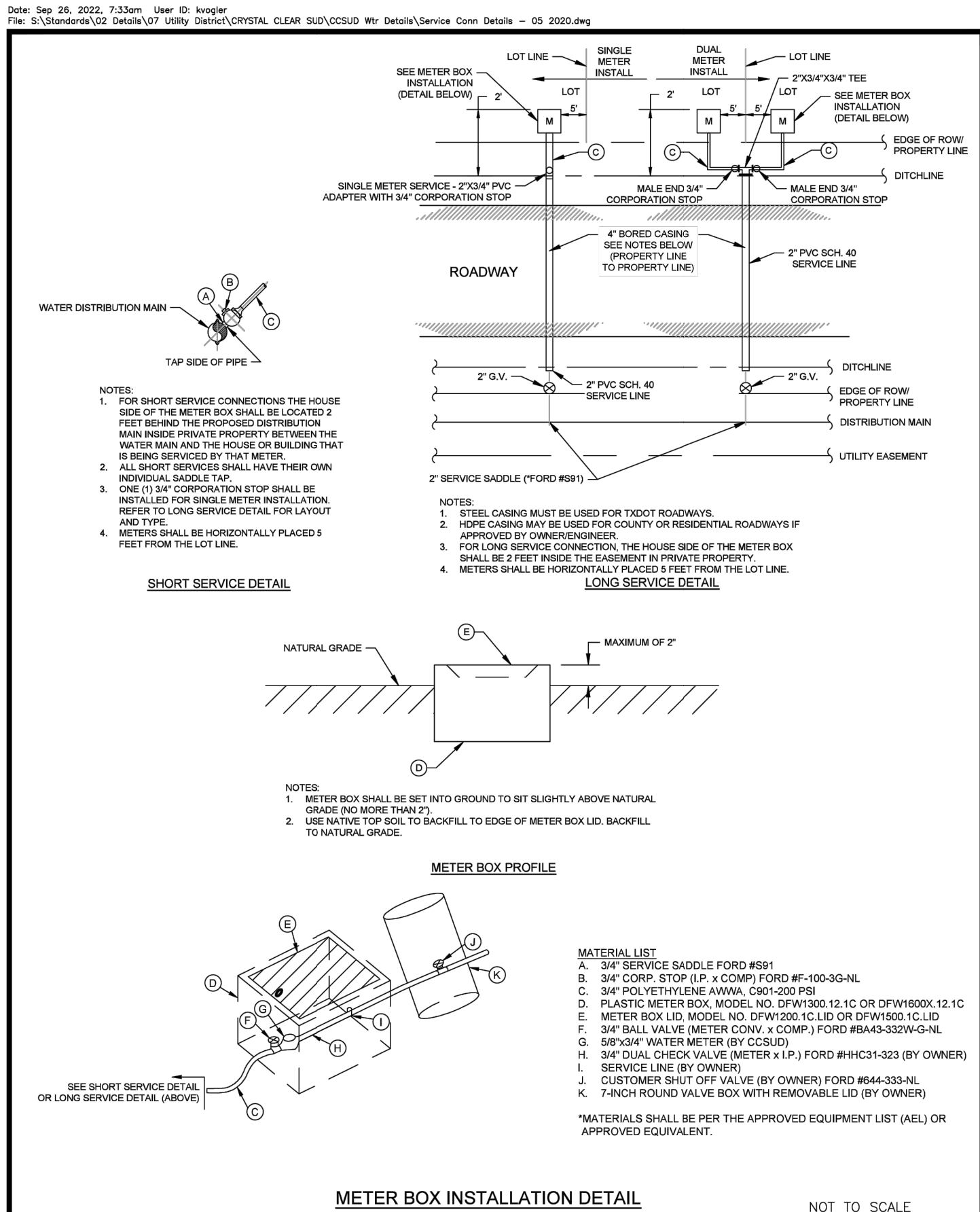
Date: 4/4/2025 8:39 AM User: JUSTIN KRAUSE
File: T:\NBU\FY 2025\UD\GATEHOUSE UNIT 4\GATEHOUSE UNIT 4.DWG

*** THE QUANTITIES SHOWN ON THE PLANS AND THE BID DOCUMENTS ARE ESTIMATED QUANTITIES AND BASED ON THE PLAN SET AND TO BE USED FOR BIDDING PURPOSE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESOLVE ANY PERCEIVED DISCREPANCIES IN THE QUANTITIES WITH THE OWNER PRIOR BEGINNING ANY CONSTRUCTION WORK.



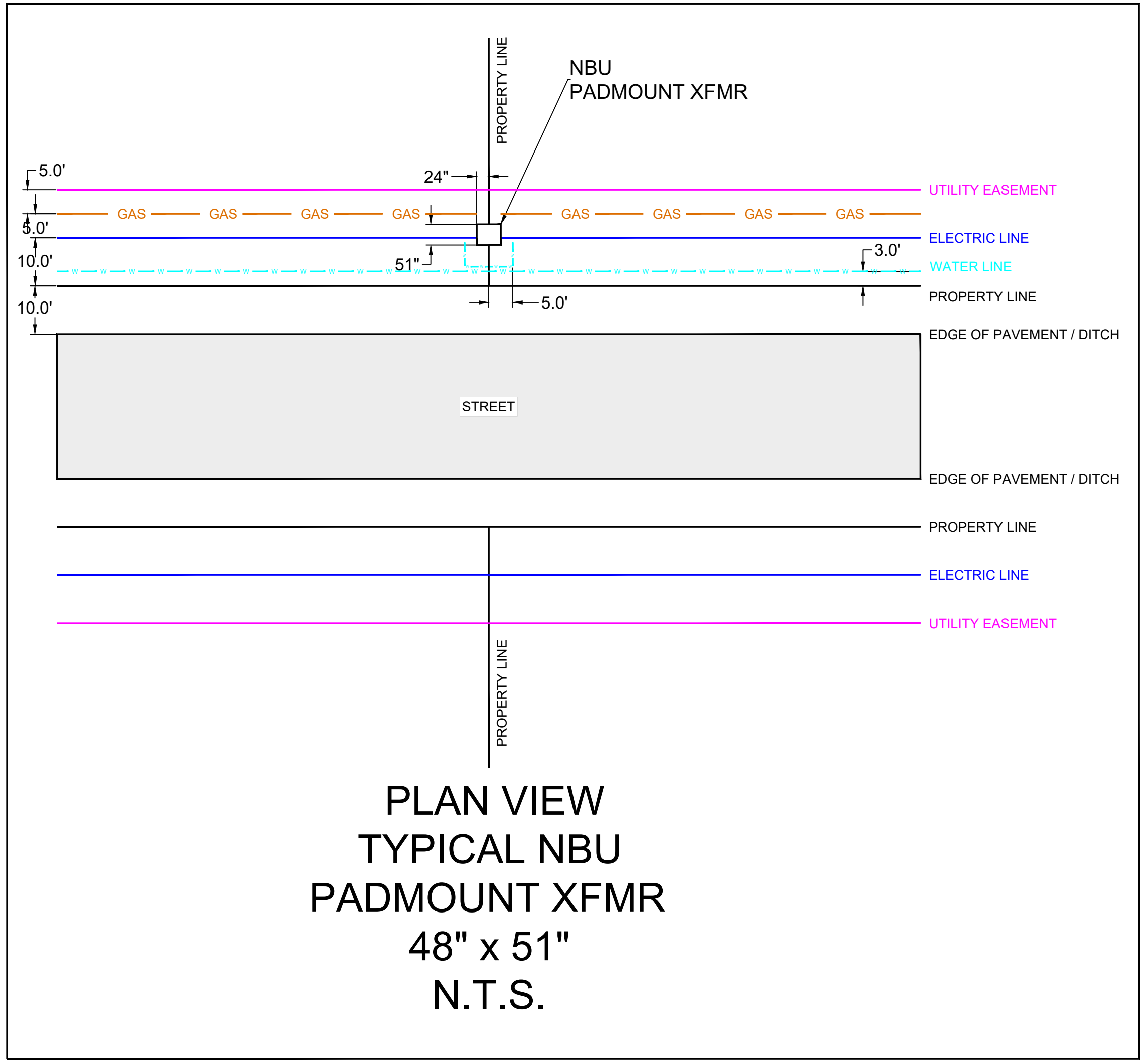
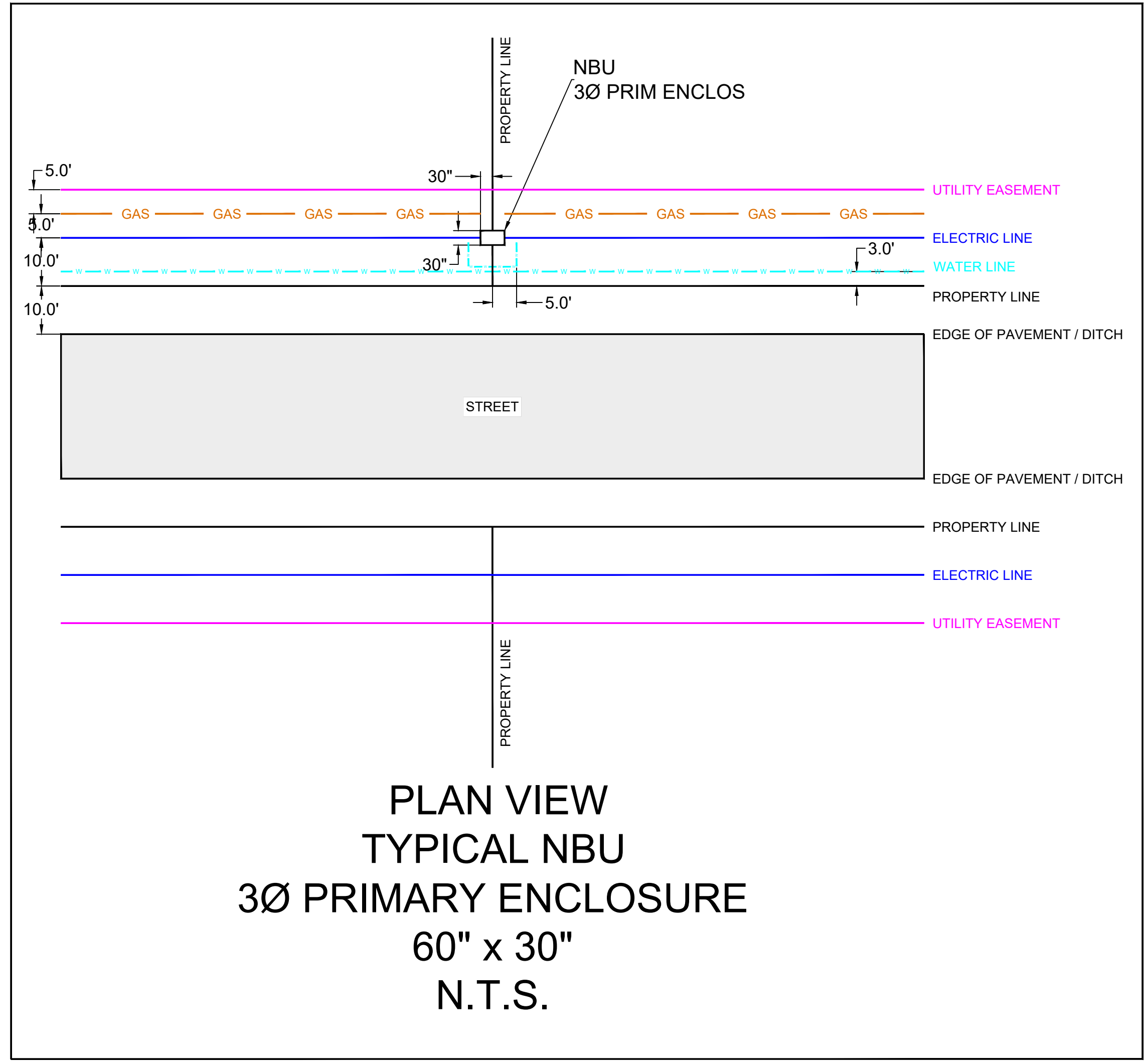
M&S ENGINEERING
CIVIL | ELECTRICAL | STRUCTURAL | MEP
TEXAS REGISTERED ENGINEERING FIRM
F-1394

ELECTRIC ENGINEERING		NOTES		PROJECT LOCATION	
305 FM 306 P.O. BOX 310289 NEW BRAUNFELS, TEXAS 78131 830-608-8551		NEW CAMP PRIVATE	NEW DRIVE/DRIVE	GATEHOUSE UNIT 4	
DATE: 04/04/2025	DESIGN: 04/04/2025	SCALE: 1" = 50'	REVISION: 04/04/2025	REVISED: 04/04/2025	DATE: 04/04/2025
PROJECT: 04/04/2025	CONTRACT: 04/04/2025	CONTRACT: 04/04/2025	CONTRACT: 04/04/2025	CONTRACT: 04/04/2025	CONTRACT: 04/04/2025
DATE: 04/04/2025	DATE: 04/04/2025	DATE: 04/04/2025	DATE: 04/04/2025	DATE: 04/04/2025	DATE: 04/04/2025



<div>PROPERTY OF</div> <div> CRYSTAL CLEAR SPECIAL UTILITY DISTRICT</div>	SERVICE CONNECTION DETAILS	<div></div> <div>M&S ENGINEERING ELECTRICAL CIVIL MEP TXINGE FORM # F-3284 1 TRIPLES FROM #05000000 WWW.MSENGINEERING.COM (817) 228-5545</div>	APPROVED	REVISION
			JUNE 2015	SEPT 2022
			SHEET	
			1	OF 1

CRYSTAL CLEAR WATER
DETAIL DENOTING
WATER LINE SERVICE
5' FROM LOT LINES'
(NBU APPROVED)

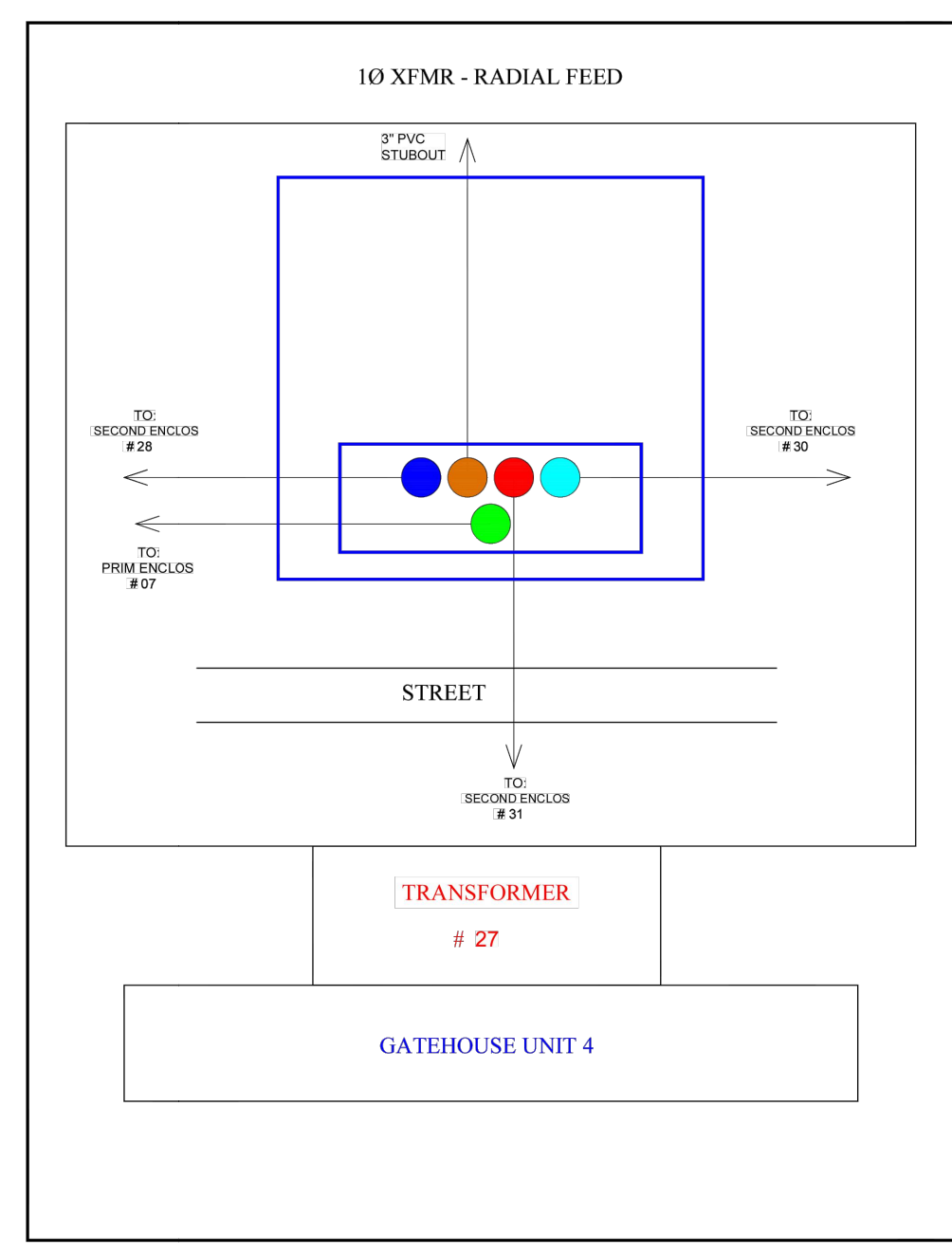
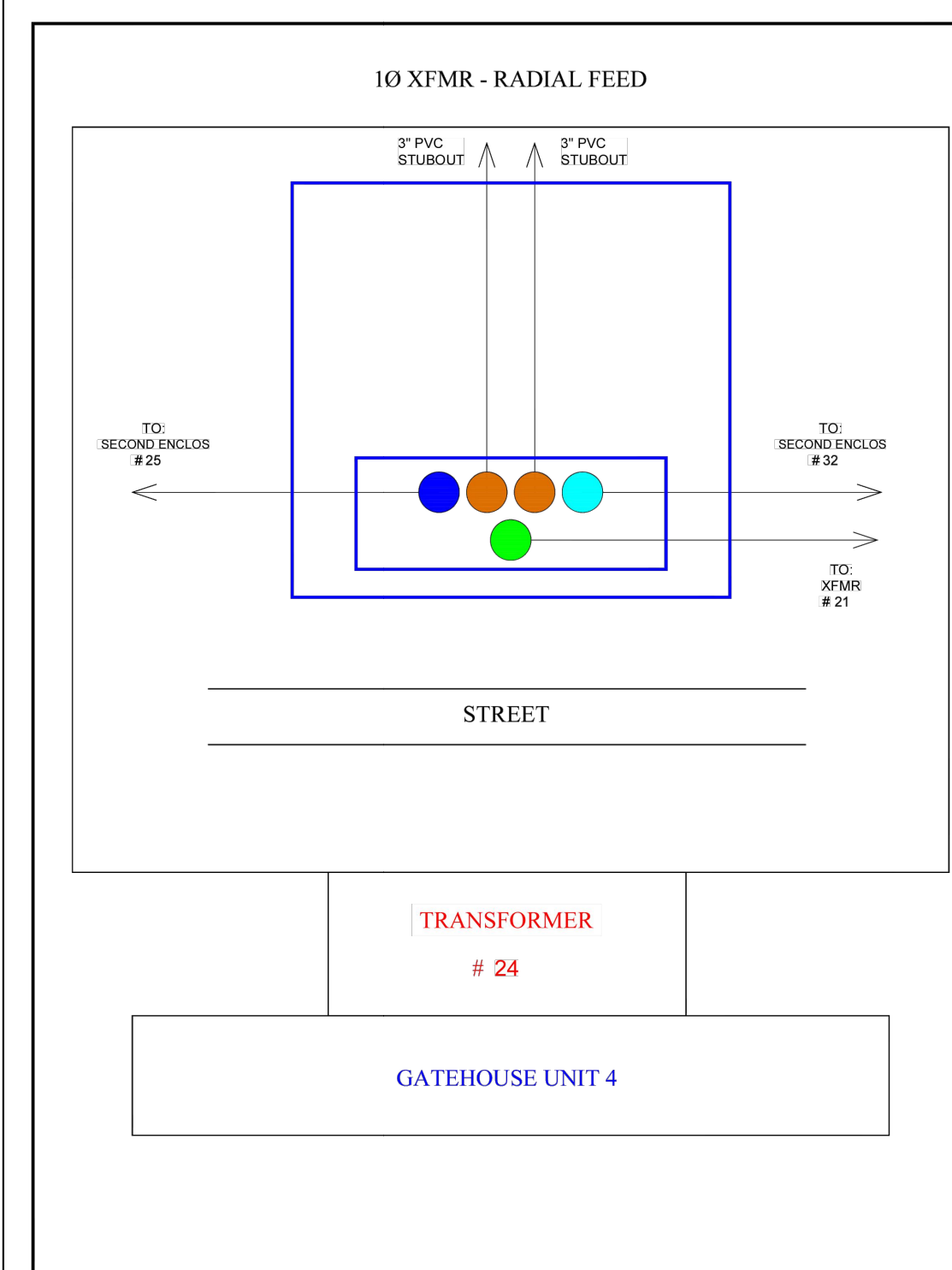
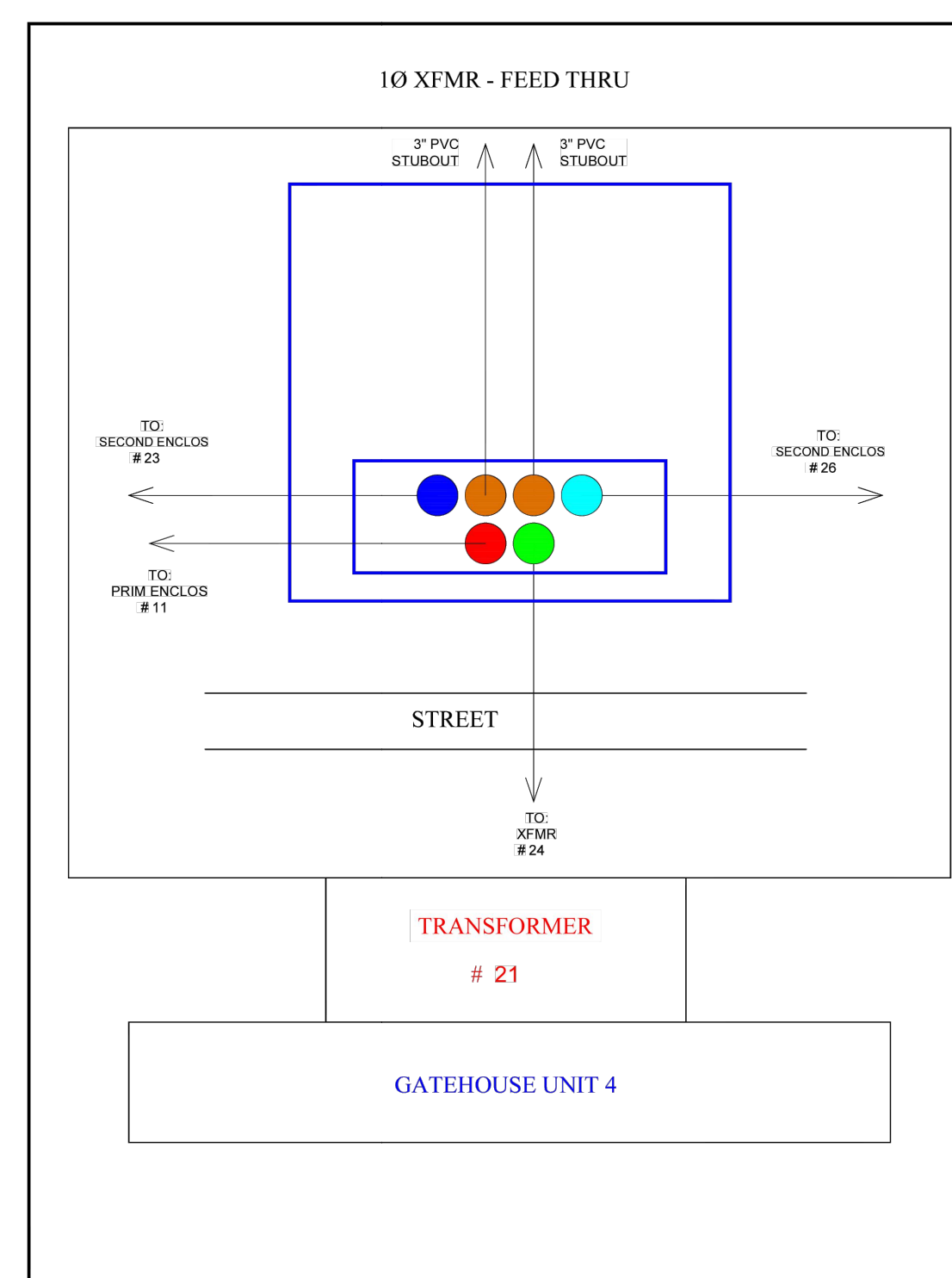
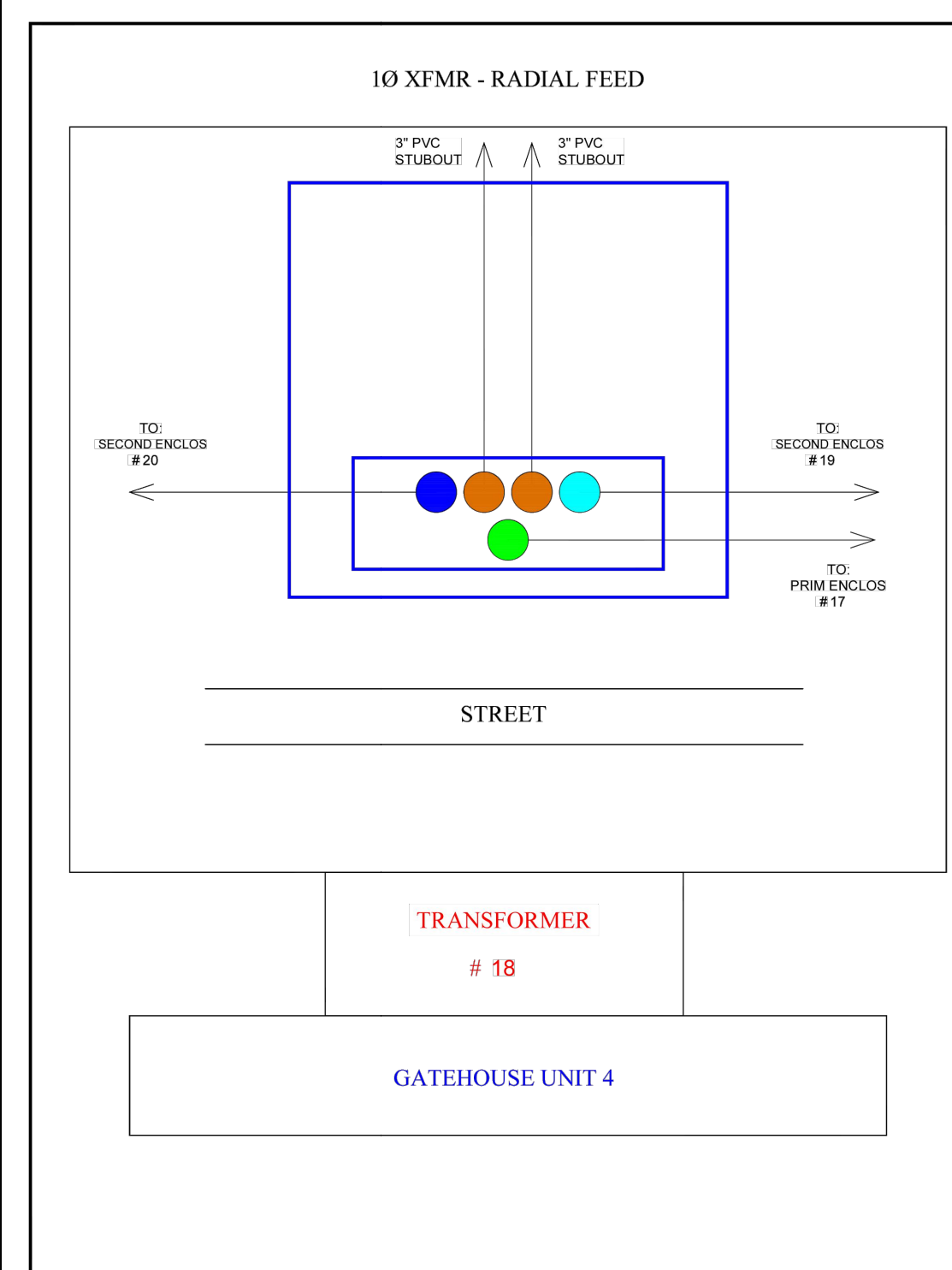
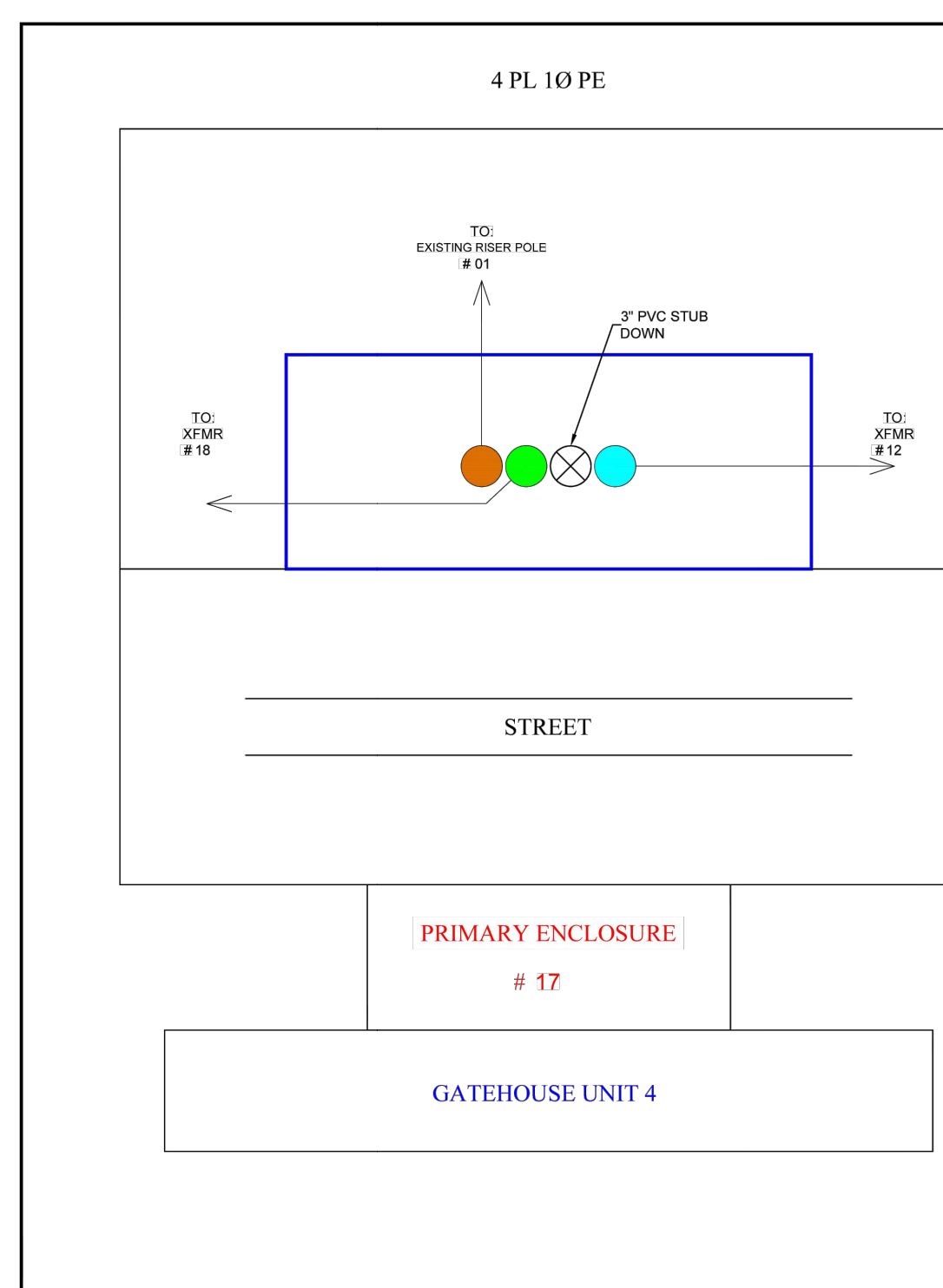
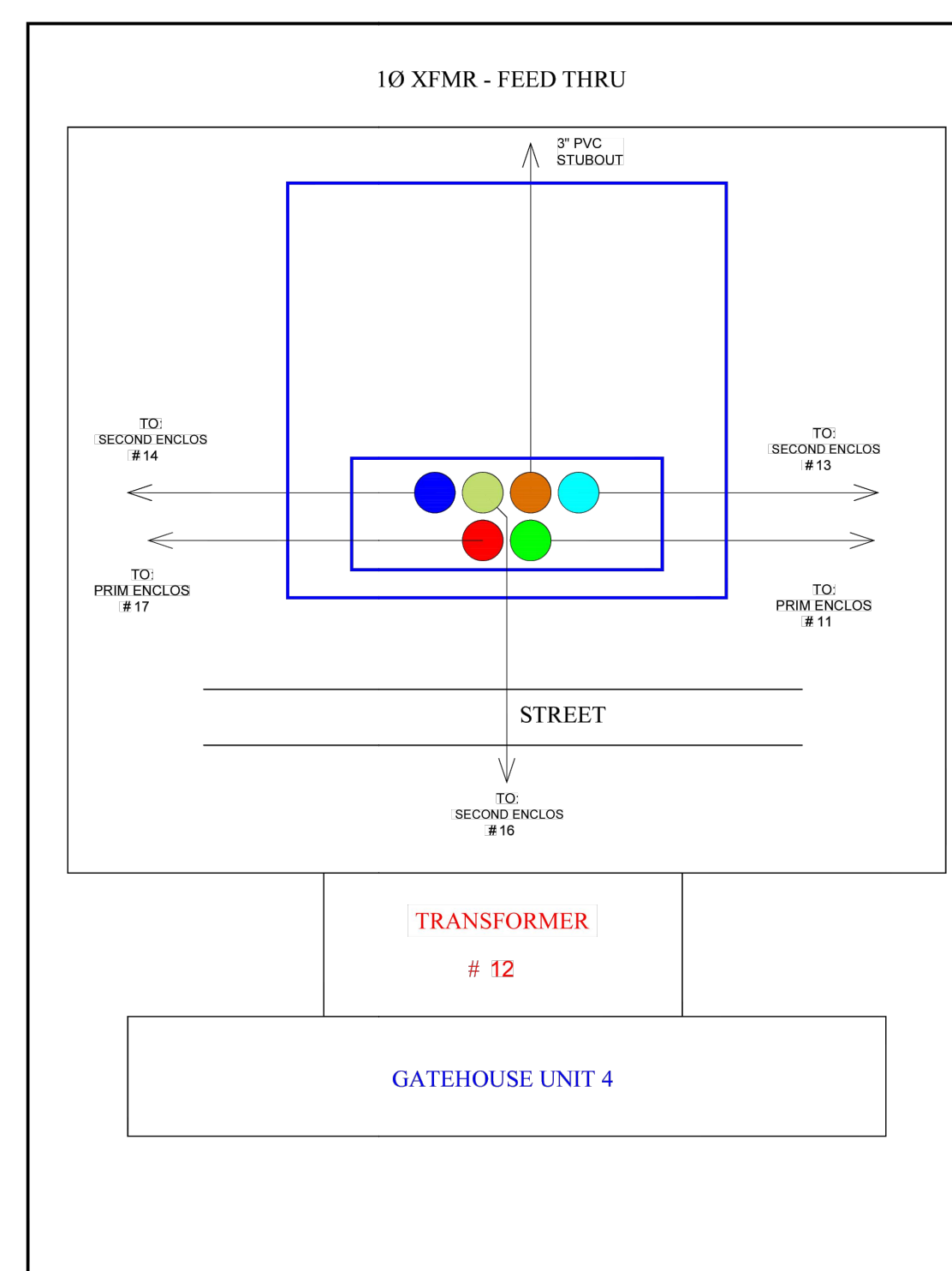
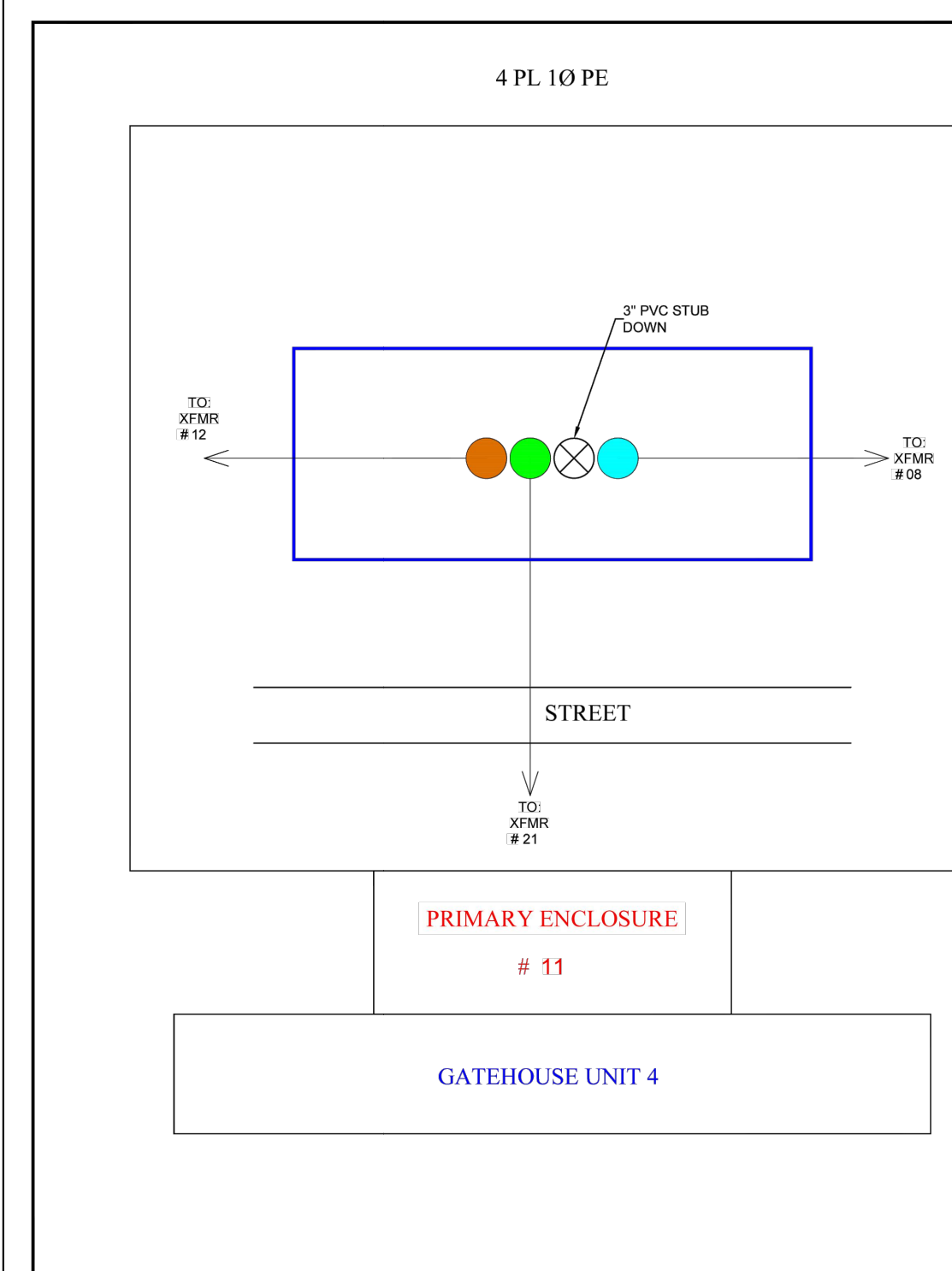
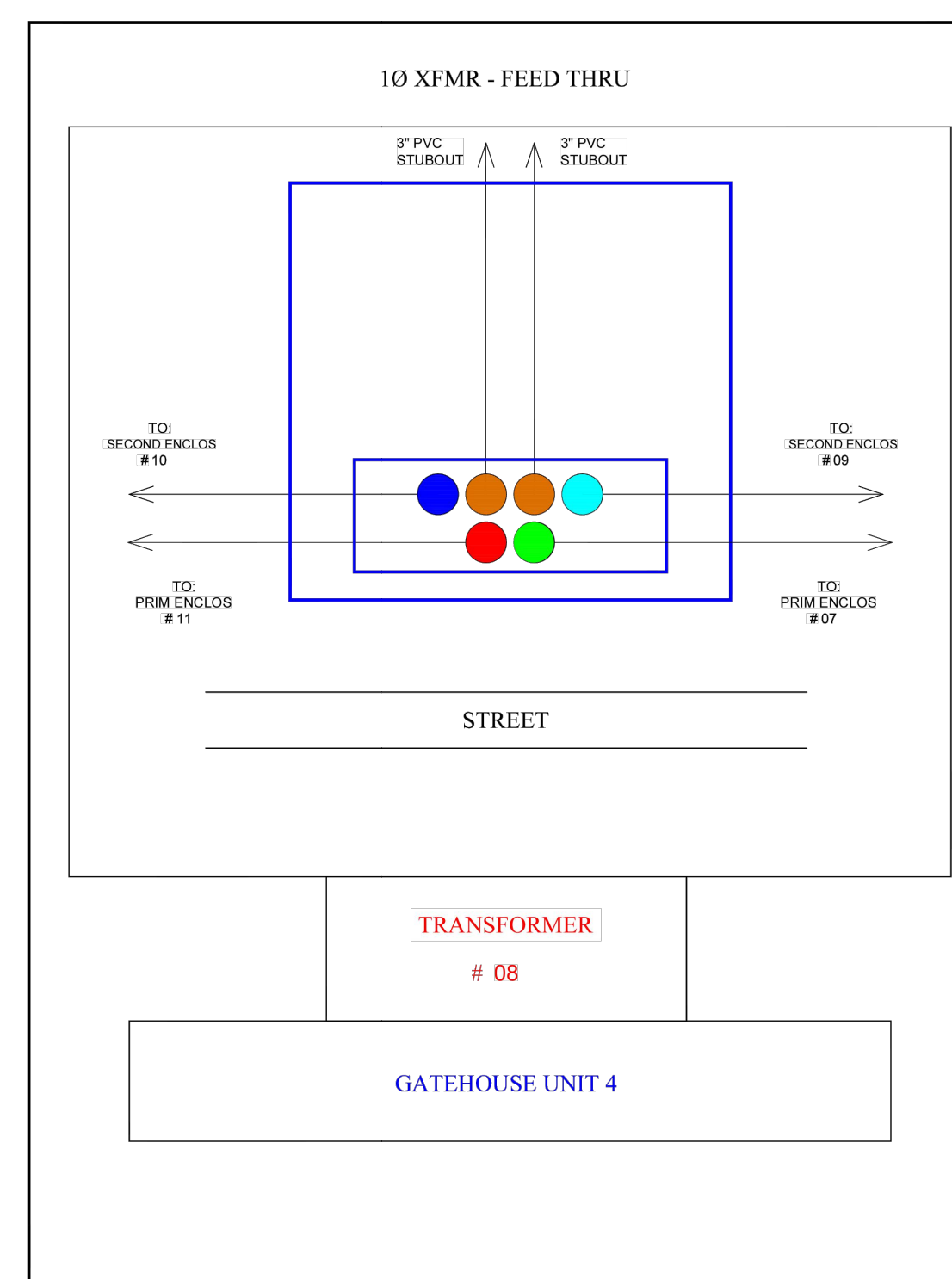
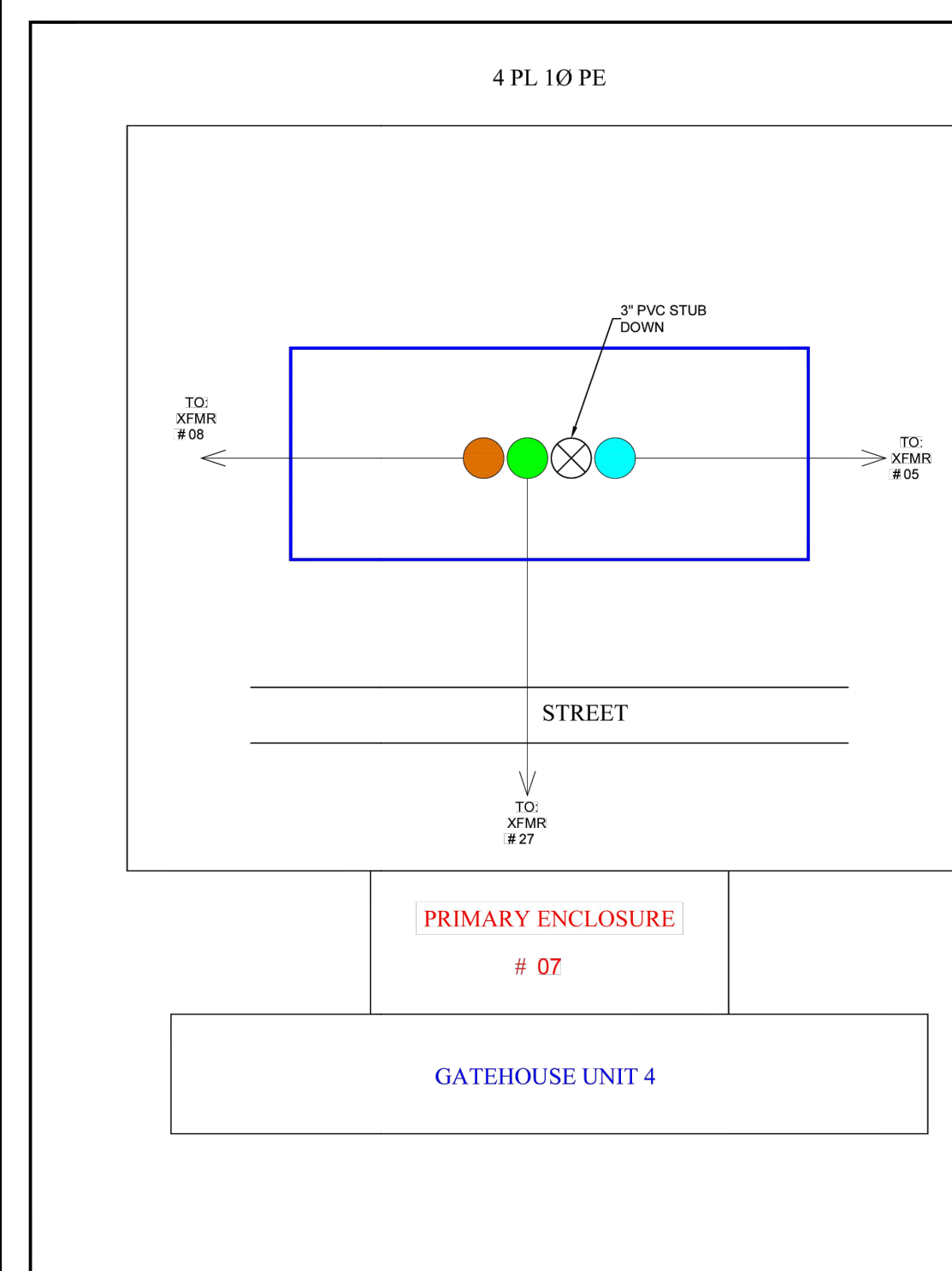
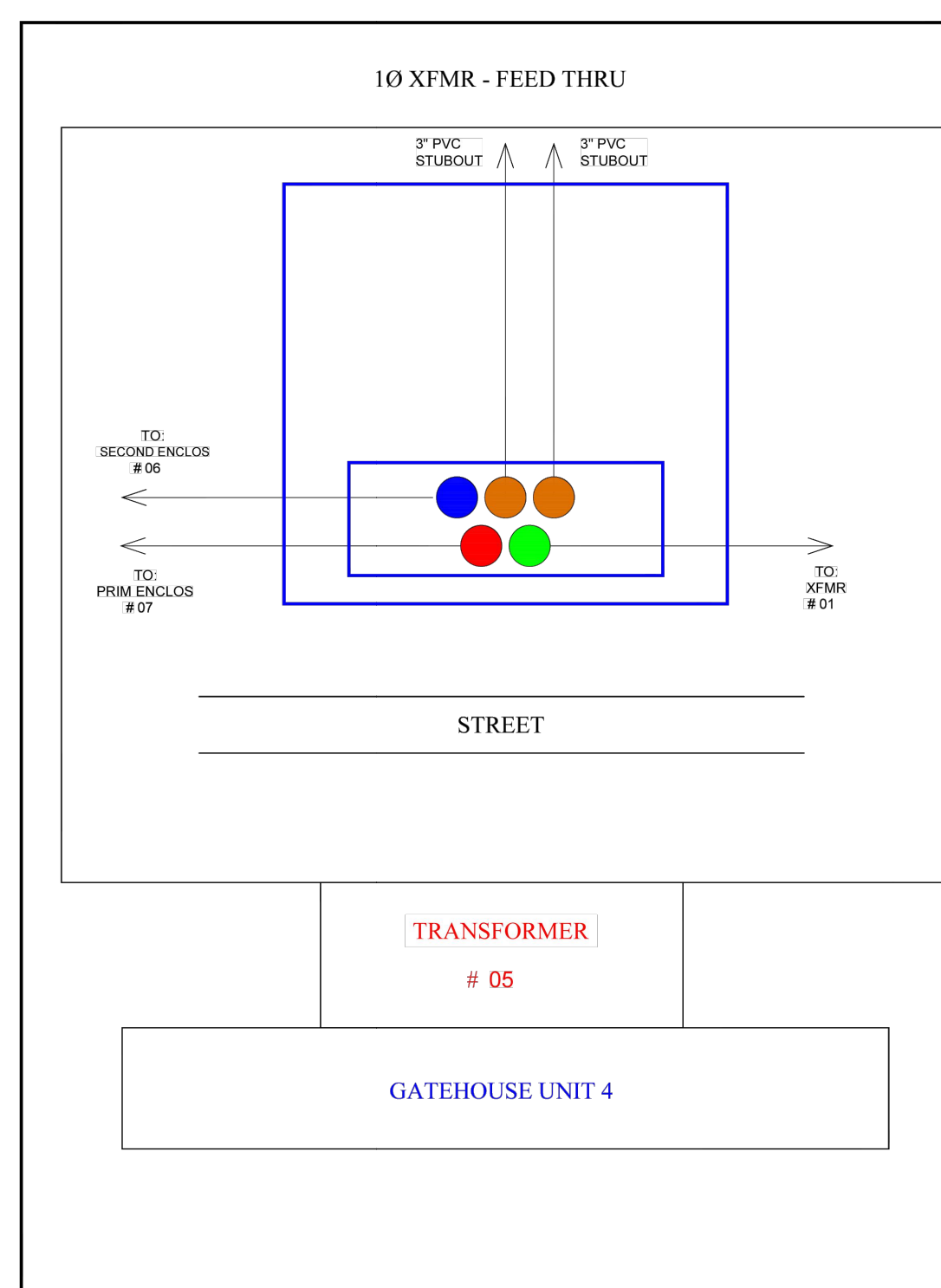
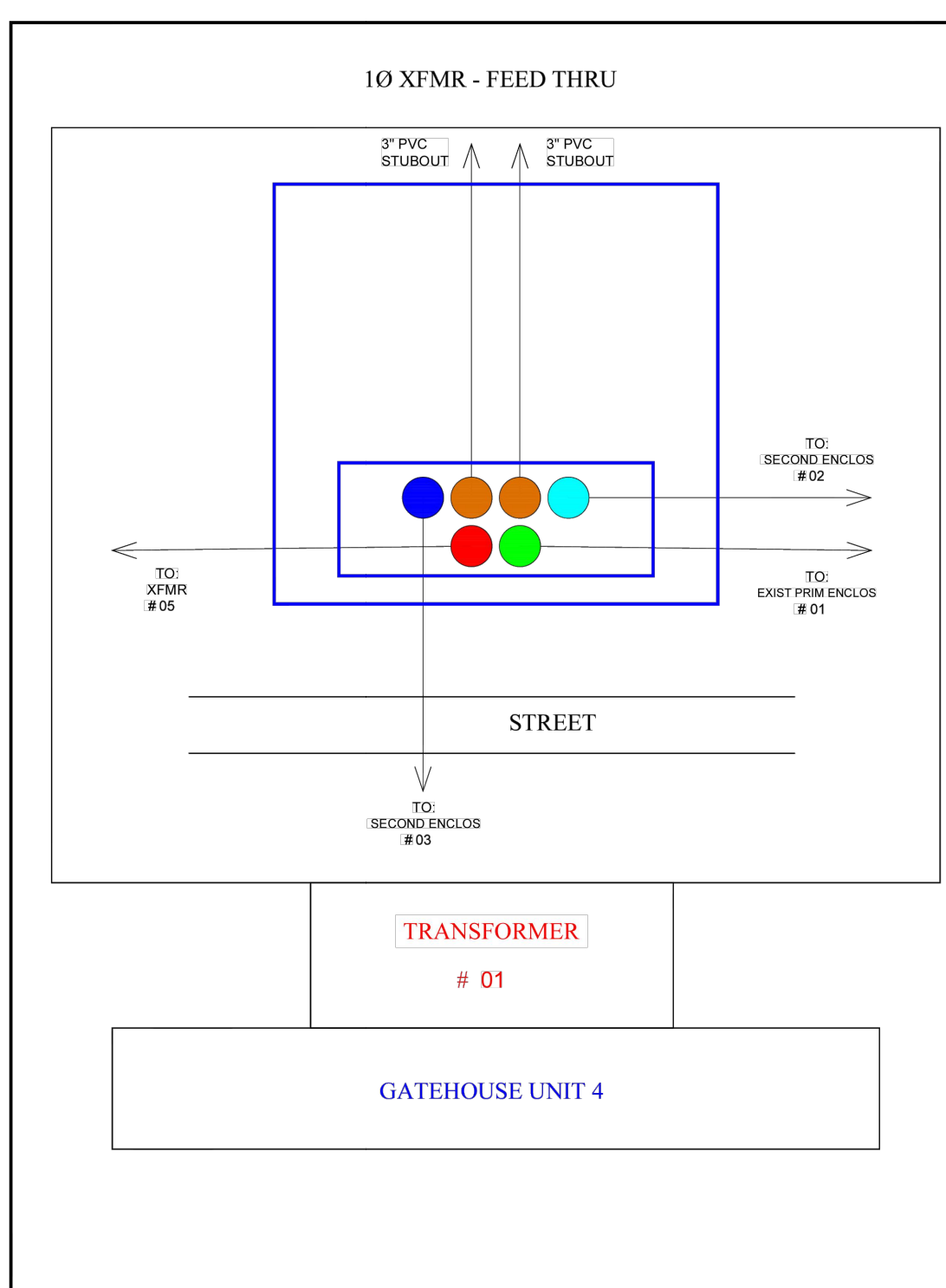


SPECIFIC NBU STANDARD DETAILS AND/OR SPECIFICATIONS, AS REFERENCED IN THIS PLAN SET, HAVE BEEN REVIEWED AND AUTHORIZED BY USE FOR THIS PROJECT UNDER THE AUTHORITY OF BRIAN SCOTT MEUTH, TEXAS PE #80648. FOR FULL NBU STANDARD DETAILS AND SPECIFICATIONS, VISIT THEIR WEBSITE AT NBUTEXAS.COM

*** THE QUANTITIES SHOWN ON THE PLANS AND THE BID DOCUMENTS ARE ESTIMATED QUANTITIES AND BASED ON THE PLAN SET AND TO BE USED FOR BIDDING PURPOSE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESOLVE ANY PERCEIVED DISCREPANCIES IN THE QUANTITIES WITH THE OWNER PRIOR BEGINNING ANY CONSTRUCTION WORK.

M&S ENGINEERING
CIVIL | ELECTRICAL | STRUCTURAL | MEP
TEXAS REGISTERED ENGINEERING FIRM
F-1394

		ELECTRIC ENGINEERING 305 FM 306 P.O. BOX 310289 NEW BRUNSWICK, TEXAS 76131 817-228-5545		NOTES		PROJECT LOCATION	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES		DATE REV		PROJECT NO.	
DATE CL		DATE DES					




SPECIFIC NBU STANDARD DETAILS AND/OR SPECIFICATIONS, AS REFERENCED IN THIS PLAN SET, HAVE BEEN REVIEWED AND AUTHORIZED BY USE FOR THIS PROJECT UNDER THE AUTHORITY OF BRIAN SCOTT MEUTH, TEXAS PE #80648. FOR FULL NBU STANDARD DETAILS AND SPECIFICATIONS, VISIT THEIR WEBSITE AT NBUTEXAS.COM



*** THE QUANTITIES SHOWN ON THE PLANS AND THE BID DOCUMENTS ARE ESTIMATED QUANTITIES AND BASED ON THE PLAN SET AND TO BE USED FOR BIDDING PURPOSE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESOLVE ANY PERCEIVED DISCREPANCIES IN THE QUANTITIES WITH THE OWNER PRIOR BEGINNING ANY CONSTRUCTION WORK.



M&S ENGINEERING
CIVIL | ELECTRICAL | STRUCTURAL | MEP
TEXAS REGISTERED ENGINEERING FIRM
F-1394

	ELECTRIC ENGINEERING 305 FM 306 P.O. BOX 310269 NEW BRAUNFELS, TEXAS 78131 830-608-8951		NOTES (SEE COMP. SHEETS) (SEE APP. BY DATE)		PROJECT LOCATION GATEHOUSE UNIT 4	
					(PROJECT)	
SUB. CL.	EEF. CL.	PHONE. TNS.	SCALE	REV. NO.	REV. BY	DATE
			N.T.S.			3/31/2025
PHONE. CL.		CAD. TNS.	65			
						J. KRAUSE
CAD. CL.	APP. CL.	PROJECT NO.	1-COOFEXT	DATE		7/6/2017