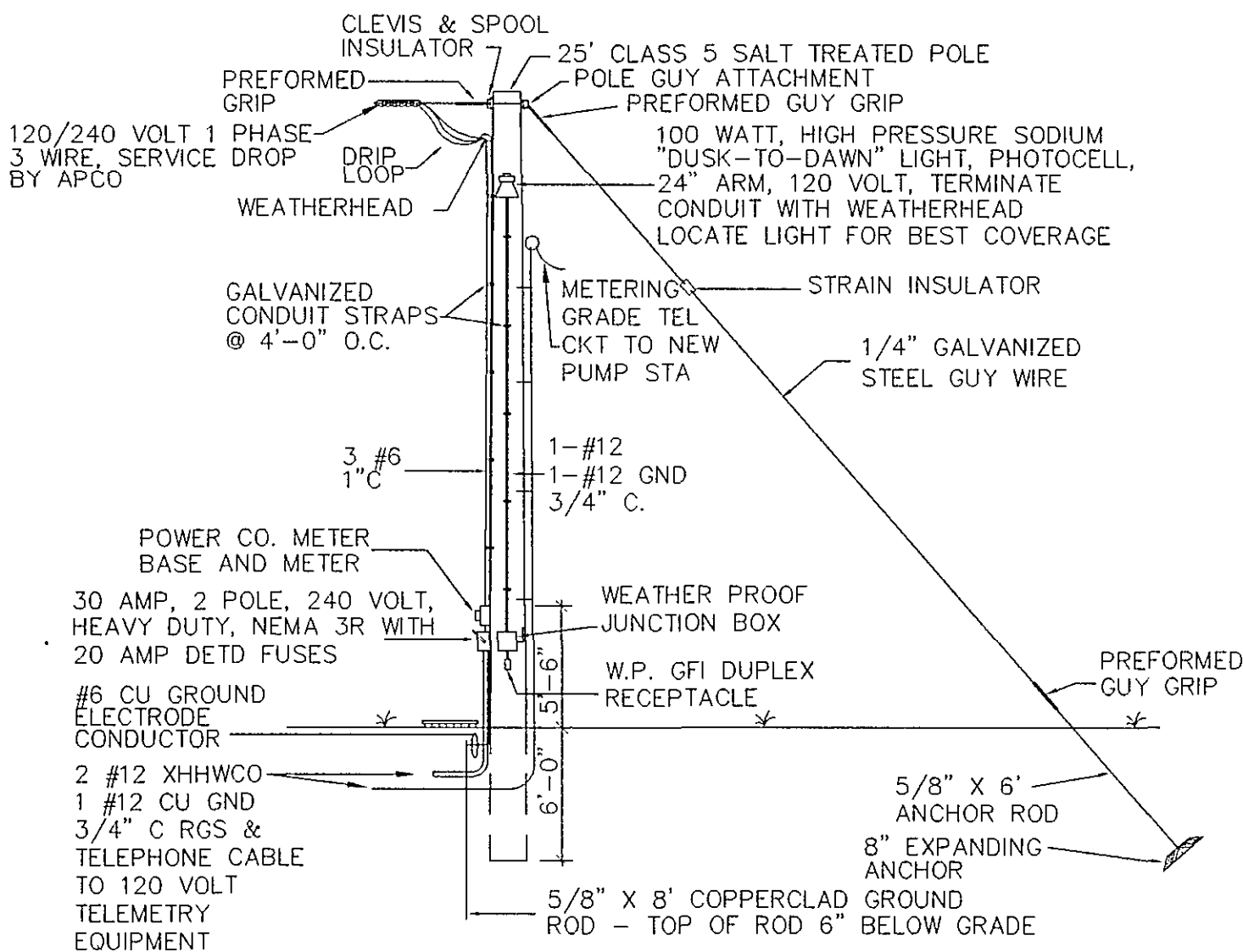


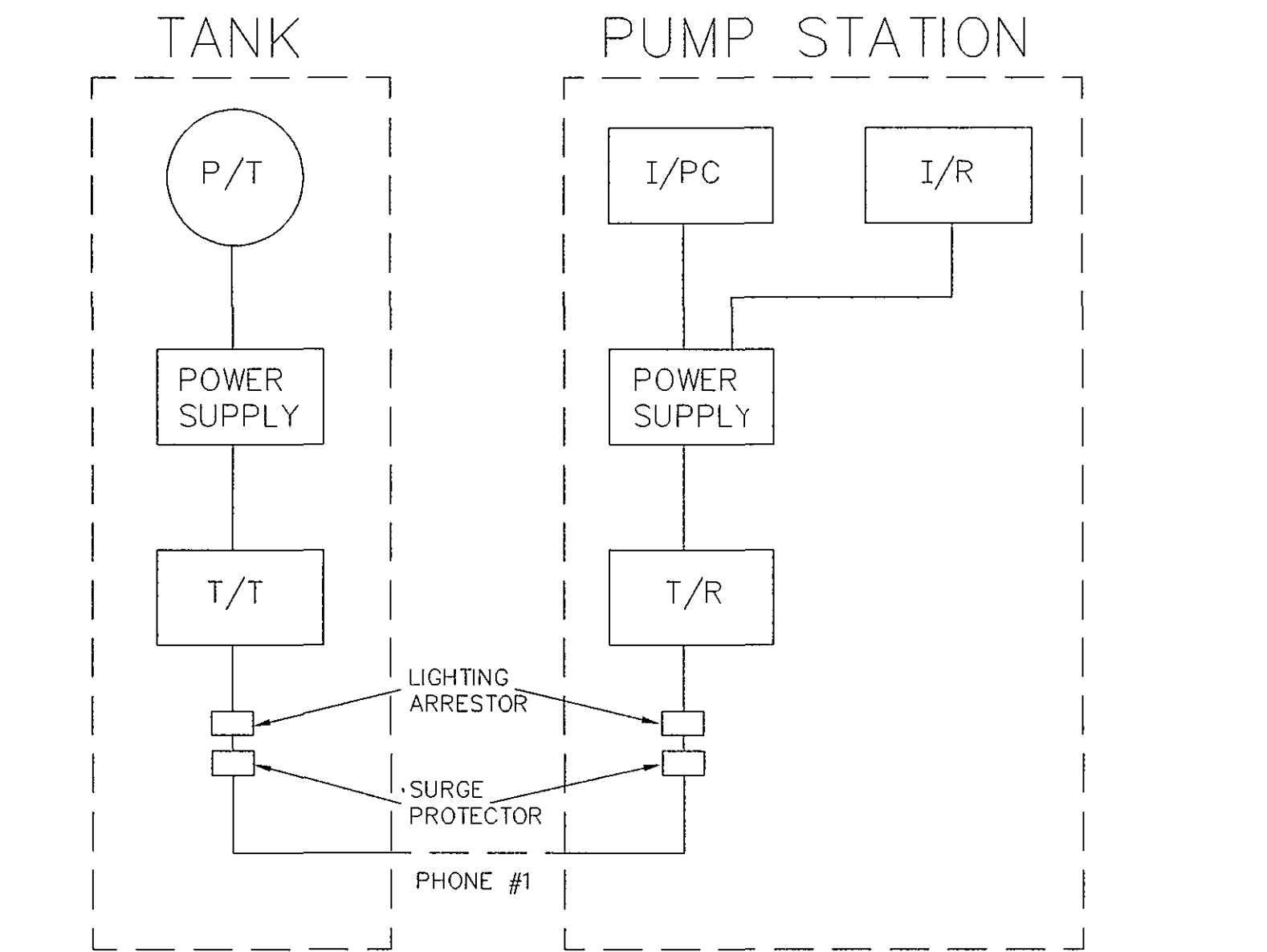
PANEL <u>A</u> <u>400</u> AMPS <u>3</u> PHASE <u>4</u> WIRE 250 AMPS ☒ MAIN CIRC. BKR. ☐ FLUSH <u>277/480</u> VOLTS <u>20</u> BKR. SPACES ☐ MAIN LUG ONLY ☒ SURFACE														
		WATTS/PHASE		WIRE	CKT. BKR.	CKT. NO.		CKT. BKR.	CKT. BKR.	WIRE	WATTS/PHASE			
		A	B								C	A		B
PUMP #1		50	HP	#1	100/3	1		2	100/3	#1		50	HP	PUMP #2
						3		4						
						5		6						
HTR. #1		5KW		#12	15/3	7		8	15/3	#12		5KW		HTR. #2
						9		10						
						11	12							
						13	14	30/2	#10		10,000		TRANSFORMER	
						15	16							
						17	18							
						19	20							
PANEL <u>B</u> <u>100</u> AMPS <u>1</u> PHASE <u>3</u> WIRE 100 AMPS ☒ MAIN CIRC. BKR. ☐ FLUSH <u>120/240</u> VOLTS <u>20</u> BKR. SPACES ☐ MAIN LUG ONLY ☐ SURFACE														
		WATTS/PHASE		WIRE	CKT. BKR.	CKT. NO.		CKT. BKR.	CKT. BKR.	WIRE	WATTS/PHASE			
		A	B								C	A		B
LOAD														
LIGHTS	260			#12	20/1	1		2	20/1	#12	720		RECEPTICALS	
TELEMETRY		200		#12	20/1	3		4	20/1	#12		200		EF FAN
PUMP CONTROLS	200			#12	20/1	5		6						
						7		8						
						9		10						
						11	12							
						13	14							
						15	16							
						17	18							
						19	20							



SERVICE POLE DETAIL
AT WATER TANK

NOT TO SCALE

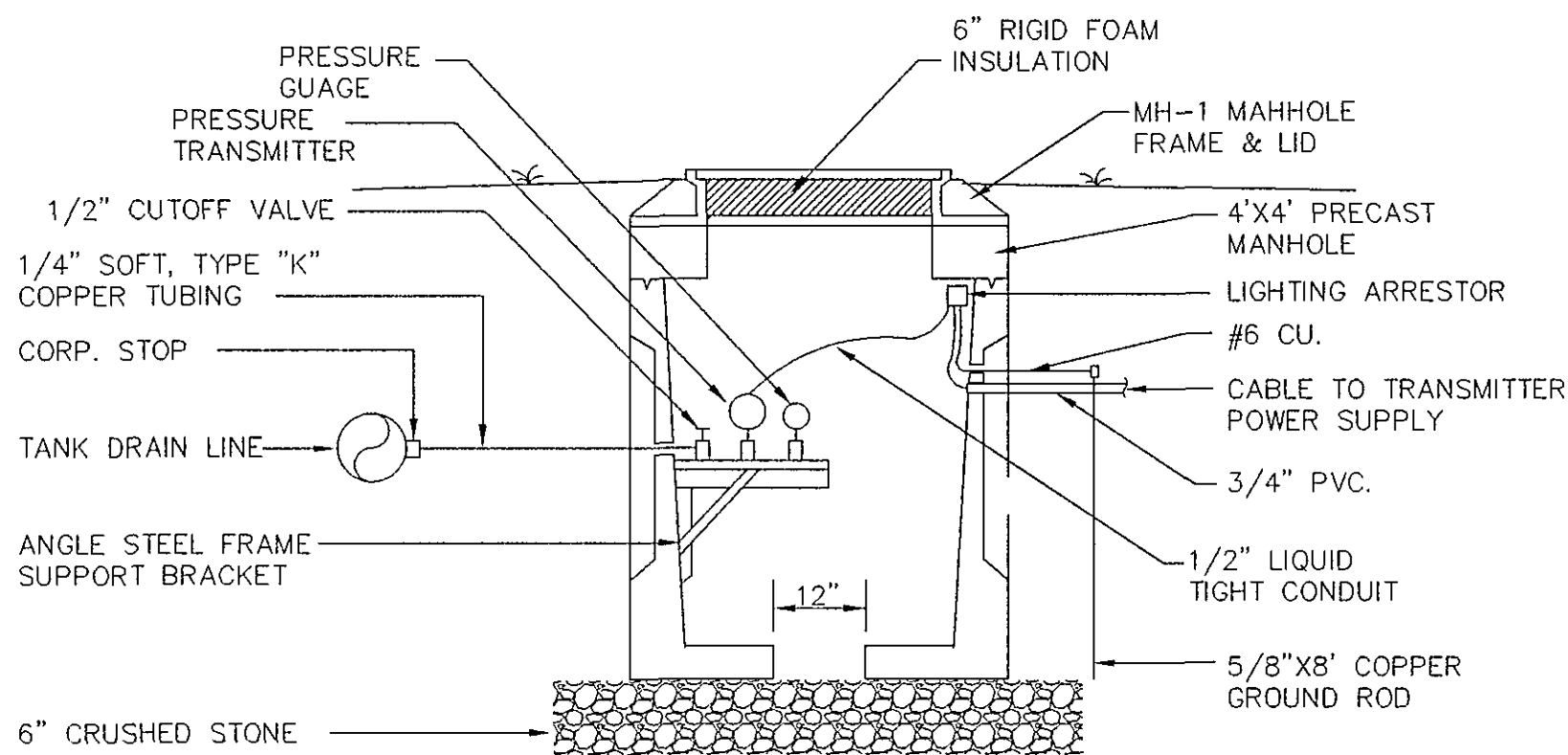
- NOTES:
- SEE THIS SHEET FOR SITE LOCATION
 - COORDINATE WITH APPALACHIAN POWER COMPANY ON LOCATION OF POLES



TANK LEVEL TELEMETRY SCHEMATIC

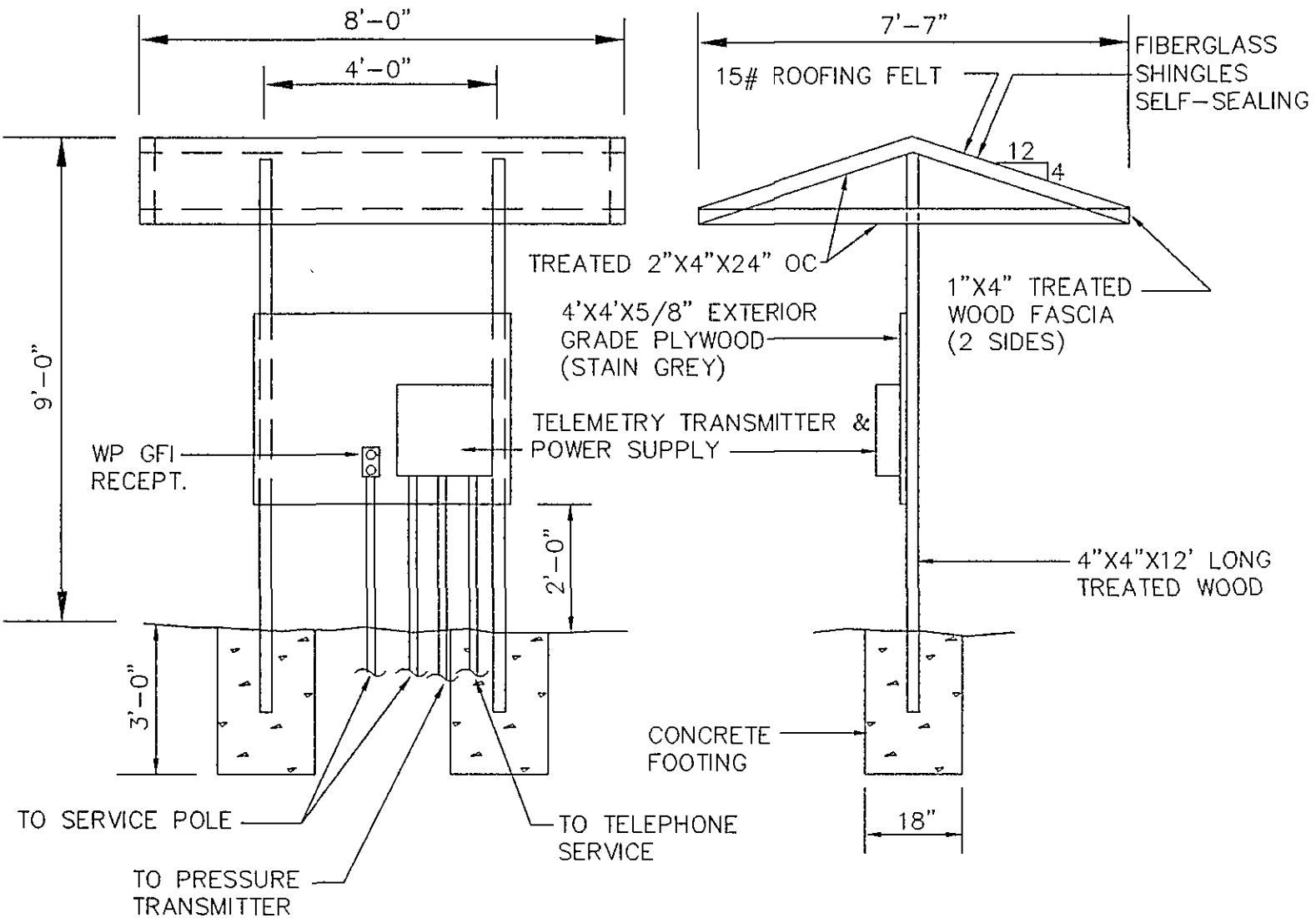
NOT TO SCALE

NOTE:
P/T - PRESSURE TRANSMITTER
T/T - TONE TRANSMITTER
T/R - TONE RECEIVER
I/R - INDICATOR RECORDER
I/PC - INDICATOR PUMP CONTROLLER



STORAGE TANK TRANSMITTER DETAIL

NOT TO SCALE

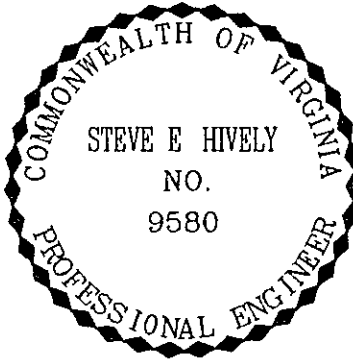


TELEMETRY TRANSMITTER SHELTER

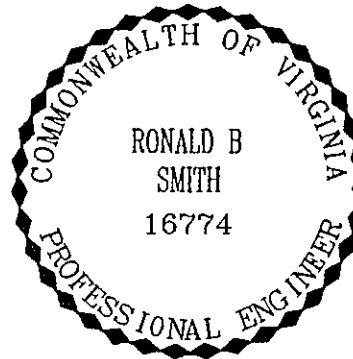
NOT TO SCALE

AS BUILT

WATER DEPT. # 93-25
ENGINEERING # 6252



ENGINEER'S SEAL



ENGINEER'S SEAL

Architects
Engineers
Planners
Surveyors

Dewberry & Davis

5238 Valleypointe Parkway, Suite One-B
Roanoke, Virginia 24019
703 362-7725

Carvins Cove, Phase II
City of Roanoke
Roanoke, Virginia

CONTRACT "C2"
MOUNT PLEASANT
PUMPING STATION
ELECTRICAL DIAGRAMS
ELECTRICAL DETAILS

Drawn By	REH
Designed By	RBS
Checked By	SEH
Date	MARCH 93
Scale	V: 1" = 5' H: 1" = 50'
Plan Number	MTP-E2
Zoned	NONE
Sheet	E2 of 2
File Number	C1160