

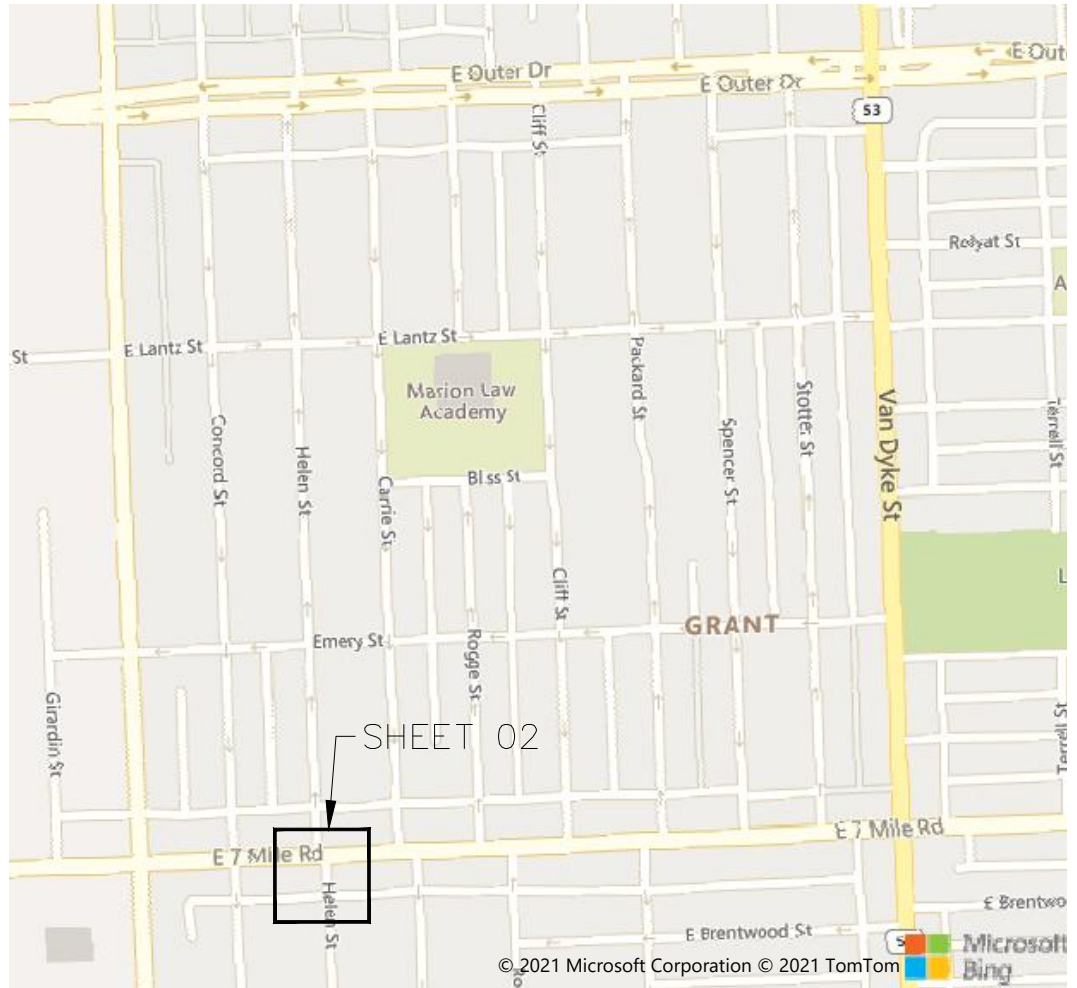
LOCATION MAP  
NOT TO SCALE



CITY OF DETROIT  
7 MILE & HELEN ST  
WAYNE COUNTY, MI  
PERMIT/CONSTRUCTION DRAWINGS  
AT&T #A01DSCX

LEGEND

	RIGHT OF WAY
	EX. EASEMENT LINE
	EX. WETLAND LIMITS
	EX. DITCH
	EX. CURB/PAVEMENT
	RR TRACK
	EX. FENCE
	EX. GRAVEL
	EX. GUARDRAIL
	EX. TREELINE
	EX. WATER MAIN
	EX. WATER VALVE
	EX. HYDRANT
	EX. WATER MANHOLE
	EX. WELL
	EX. WATER METER
	EX. STORM SEWER
	EX. STORM INLET/CATCH BASIN
	EX. ROUND STORM CATCH BASIN
	EX. STORM MANHOLE
	EX. STORM END SECTION
	EX. SANITARY SEWER
	EX. SANITARY MANHOLE
	EX. UNDERGROUND GAS
	EX. GAS VALVE
	EX. OVERHEAD ELECTRIC
	EX. UNDERGROUND ELECTRIC
	EX. UNDERGROUND CABLE
	EX. UNDERGROUND TELE
	EX. TELEPHONE MANHOLE
	EX. ELECTRIC MANHOLE
	EX. ELECTRIC METER
	EX. GAS METER
	EX. TELE PED
	EX. LIGHT POLE
	EX. TRAFFIC SIGNAL BOX
	EX. UNIDENTIFIED MANHOLE
	EX. COMBO MANHOLE
	EX. TRAFFIC SIGNAL POLE
	EX. UTILITY POLE
	EX. GUY WIRE
	EX. TREE (CONIFEROUS)
	EX. TREE (DECIDUOUS)
	EX. SIGN
	PROP AERIAL INSTALL
	PROP UNDg INSTALL
	PROP UTILITY CROSSING
	SIDEWALK RESTORATION



SHEET INDEX

01	-	LOCATOR MAP/LEGEND/NOTES
02	-	PLAN SHEET
03	-	RESTORATION DETAILS
04	-	CABINET DETAIL

**METRO ENGINEERING SOLUTIONS**  
 33900 SCHOOLCRAFT RD  
 LIVONIA, MICHIGAN 48150  
 PHONE: 734.483.1427 FAX: 734.483.3431  
 www.metroes.net

CITY OF DETROIT CONSTRUCTION NOTES

1. NOTIFY THE CITY OF DETROIT ENGINEERING DEPARTMENT 24 HOURS PRIOR TO STARTING CONSTRUCTION.
2. ANY OPEN EXCAVATIONS ARE TO BE STEEL PLATED. IF EXCAVATIONS ARE IN THE PAVEMENT, THE PLATES ARE TO BE SPIKED AND RAMPED WITH COLD PATCH. CONTACT THE CITY WITH LOCATION OF THE STEEL PLATE.
3. CONCRETE ROADS THAT ARE OPEN CUT ARE TO BE BACK FILLED PER CITY SPECIFICATIONS AND RESTORED WITH LIKE PAVEMENT (6SACK MIX) JOINT TO JOINT.
4. IF A CORNER OF AN INTERSECTION MUST BE OPENED UP FOR CONSTRUCTION PURPOSES, THAT CORNER AND THE OTHER (3) ADJOINING CORNERS MUST BE RECONSTRUCTED PER MDOT SPECIFICATIONS R-28-E. THIS WORK IS NECESSARY TO COMPLY WITH ADA REQUIREMENTS SET FORTH TO THE CITY OF DETROIT. CONTACT THE CITY OF DETROIT ENGINEERING DEPARTMENT TO INQUIRE ABOUT THE REQUIRED DEEP DETECTABLE PLATE TO BE USED AT THE SIDEWALK RAMPS.
5. THE CITY OF DETROIT REQUIRES ALL CONCRETE WORK TO BE STAMPED WITH A CONTRACTORS IDENTIFICATION STAMP.
6. SEE THE CITY OF DETROIT CONSTRUCTION SPECIFICATIONS MANUAL FOR STANDARDS THAT FIT YOUR SPECIFIC JOB NEEDS.

GENERAL CONSTRUCTION NOTES

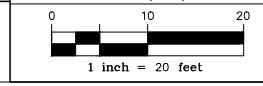
- A. SODDED AREAS THAT MAY BE DISTURBED DURING INSTALLATION ARE TO BE RESTORED WITH 3" OF QUALITY TOP SOIL, SEED AND MULCH
- B. MAINTAIN A MINIMUM 18" CLEARANCE FROM ALL EXISTING PUBLIC UTILITIES
- C. PROPOSED INSTALLATION TO BE PLACED AT A MINIMUM DEPTH OF 48", UNLESS OTHERWISE NOTED ON PLANS
- D. SIDEWALK REMOVAL NECESSARY ON THIS PROJECT TO BE ACCOMPLISHED IN COMPLETE FLAGS AND REPLACED IN KIND PER JURISDICTIONAL SPECIFICATIONS
- E. HARD SURFACE REMOVAL OF STREETS AND/OR DRIVEWAYS TO BE SAW CUT FULL DEPTH AND REPLACED IN KIND PER JURISDICTIONAL SPECIFICATIONS
- F. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, INVERTS AND GRADES PRIOR TO STARTING CONSTRUCTION
- G. EXCAVATIONS BELOW HARD SURFACES TO BE BACKFILLED WITH MDOT CLASS II GRANULAR MATERIAL IN 8" LAYERS, WELL COMPACTED TO 98% OF ITS MAXIMUM UNIT WEIGHT AT A MOISTURE CONTENT LESS THAN SATURATION
- H. TEST HOLES TO BE CONSTRUCTED AS A 12" CYLINDRICAL HOLE. SOIL TO BE REMOVED USING A VACUUM TRUCK. HOLE TO BE BACKFILLED USING A GRANULAR MATERIAL TO THE BOTTOM OF THE EXISTING PAVEMENT. PAVEMENT TO BE REPLACED IN KIND PER MDOT SPECIFICATIONS

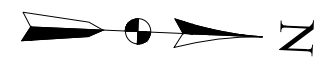
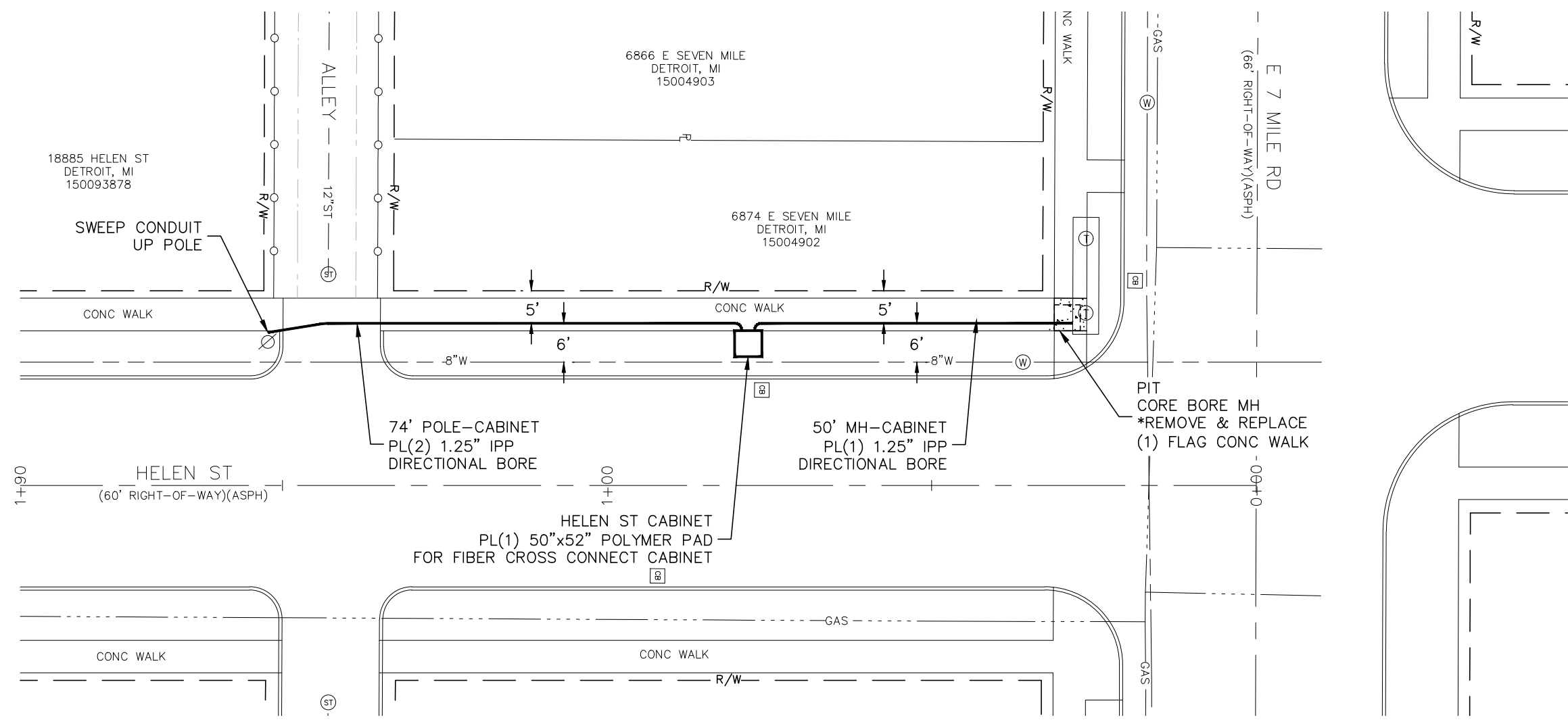
PROJECT # A01DSCX		DATE SVC REQ'D	
PROJECT TITLE: 7 MILE & HELEN ST PFP CABINET			
DA 3211PB	GEO LOC M16108	NPANNX	WC TWINBROOK
CITY: CITY OF DETROIT			
PRIMARY ENGR. ID: KD5643		PHONE#: (586)466-1024	
PRIMARY ENGR. NAME: MANZELLA, KATHERINE			
CONTRACTOR NAME: MES, JEFF BUSH @ (313)350-8316			
MES JOB#1045-20-0618			
PLAN DATE: 06/14/21		PLOT DATE: 06/29/21	
PERMIT REQ'D		Y	
PRINT		01 OF 04	

REVISION		
REV #	DATE	DESCRIPTION

CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.  
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THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.





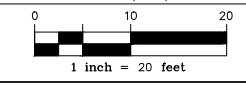

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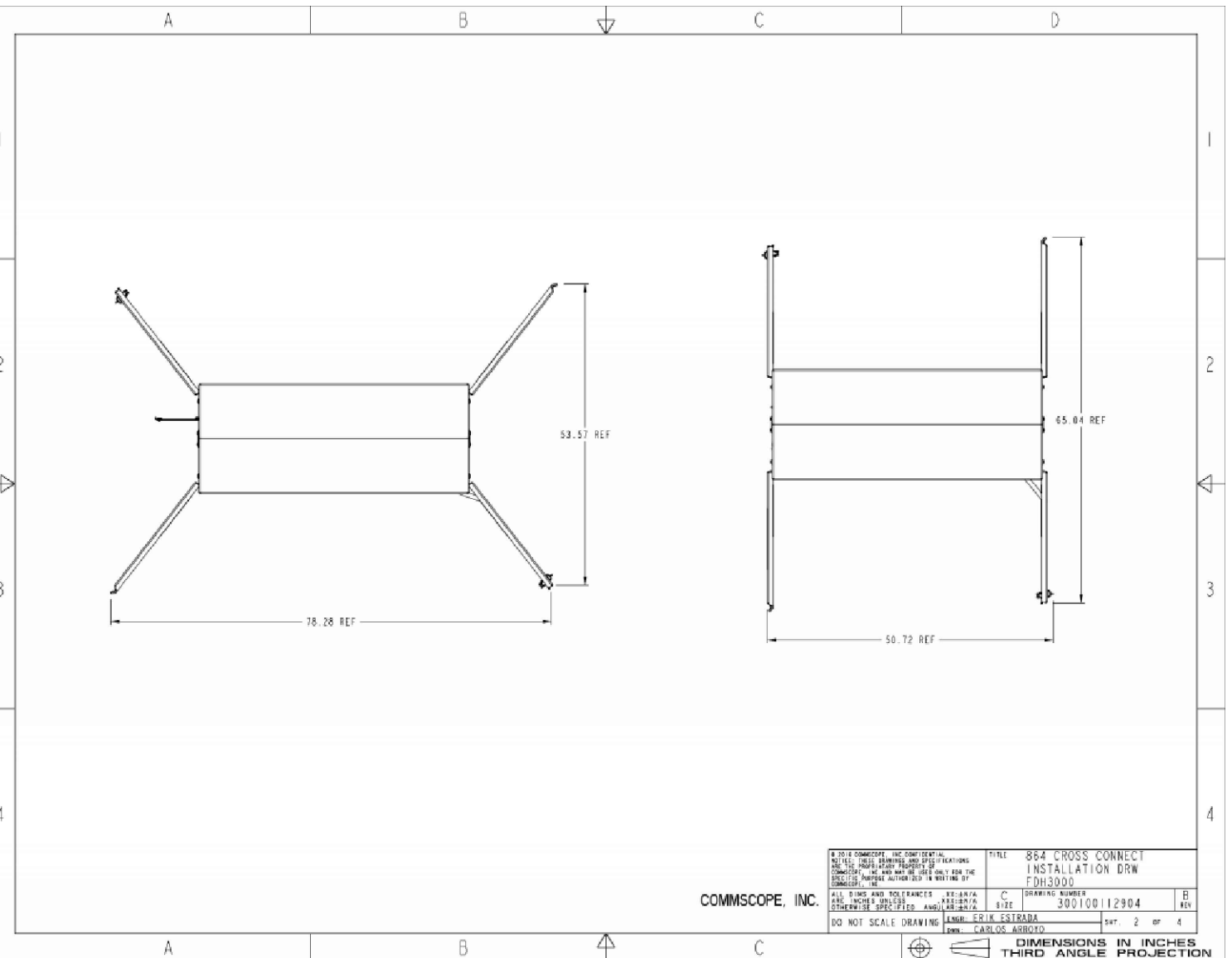
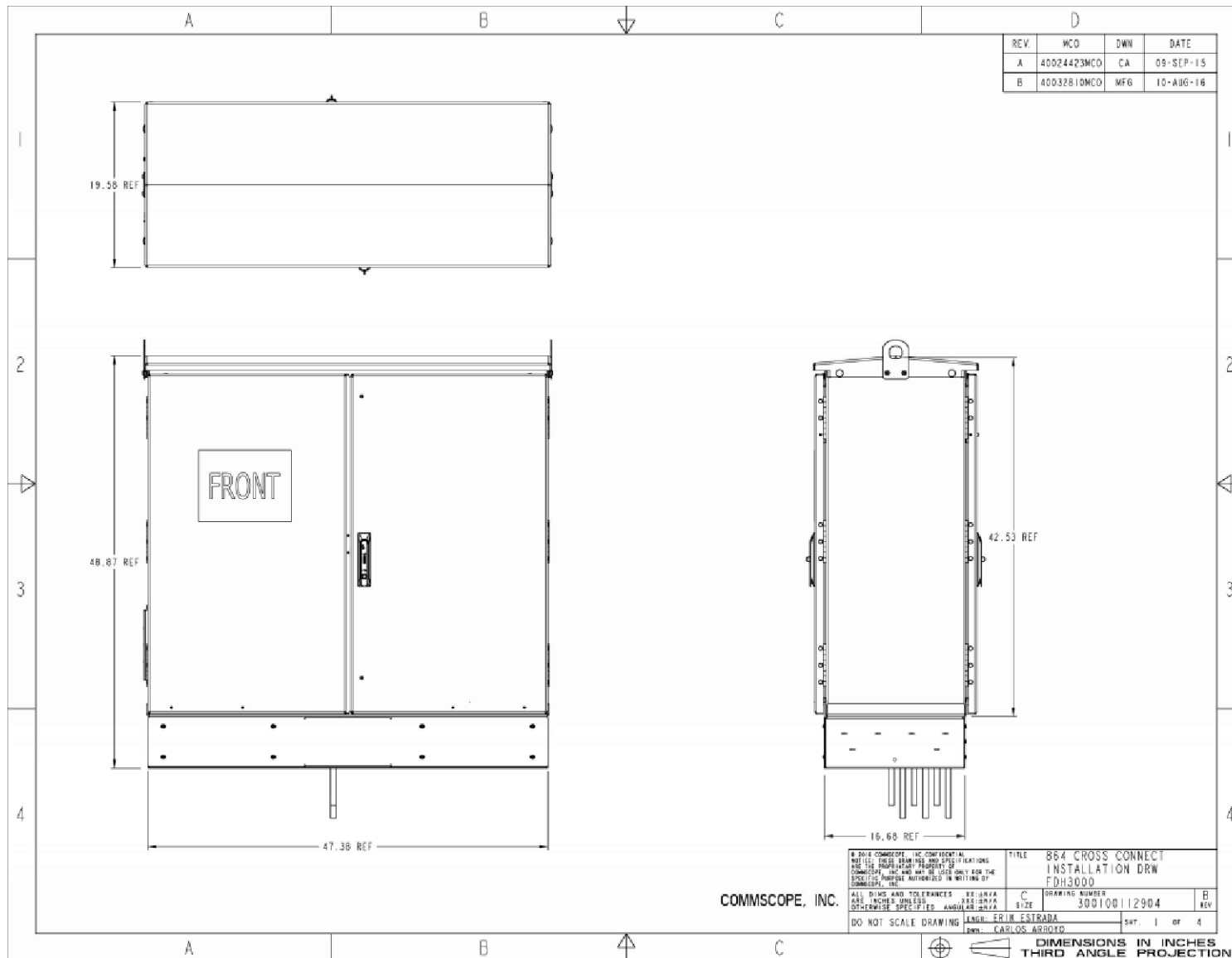
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