

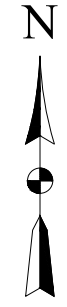
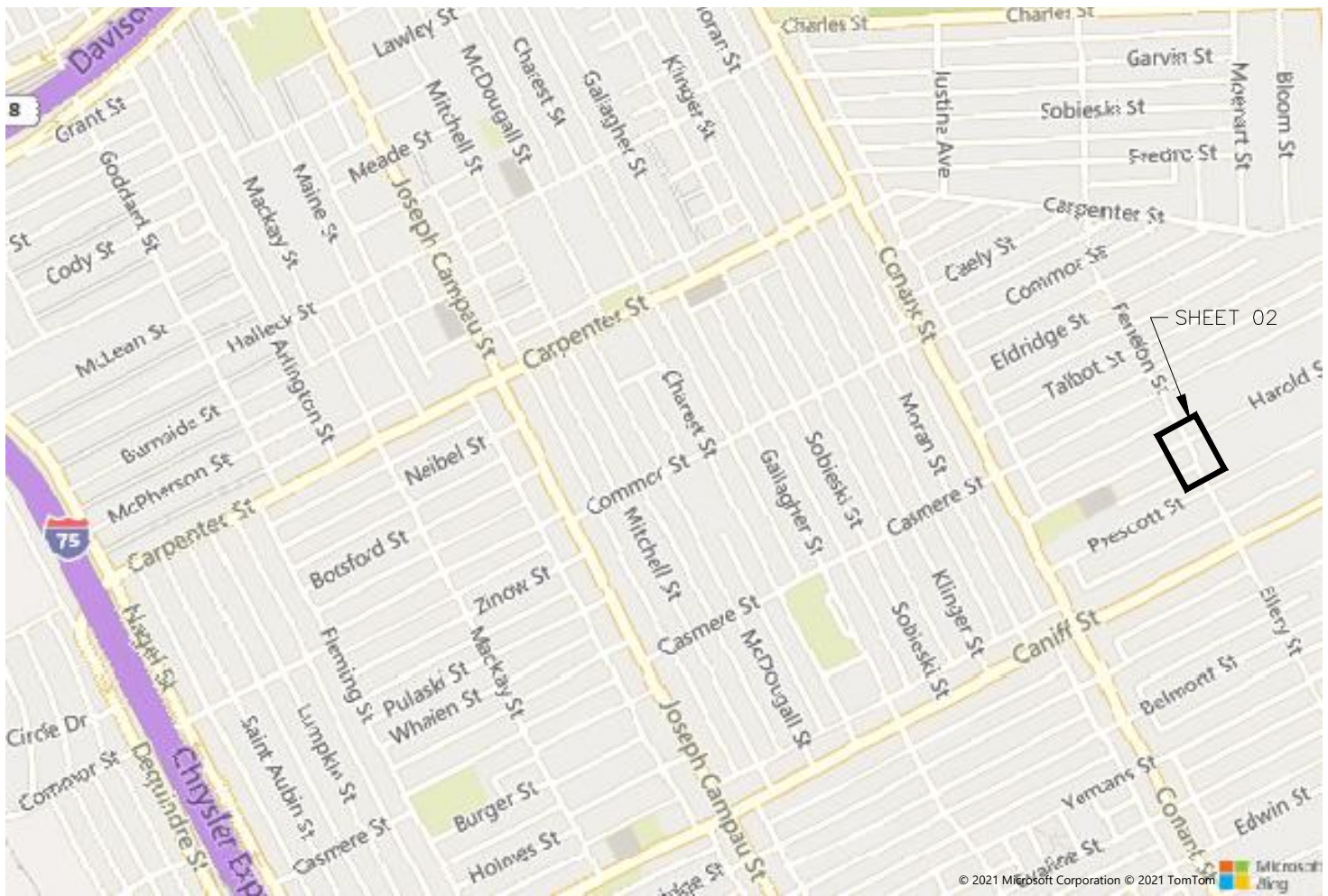
LOCATION MAP  
NOT TO SCALE

CITY OF DETROIT  
 ELLERY ST & HAROLD ST  
 SEC 17 T01S R12E  
 WAYNE COUNTY, MI  
 PERMIT/CONSTRUCTION DRAWINGS  
 AT&T #A01DMVB

- 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 MDT 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 MDT SPECIFICATIONS

**LEGEND**

- × 656.5 EX. SPOT ELEVATION
- 652 EX. CONTOUR
- RIGHT OF WAY
- - - EX. EASEMENT LINE
- · - · - EX. WETLAND LIMITS
- · - · - EX. DITCH
- ==== EX. CURB/PAVEMENT
- ==== EX. 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. 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. UTILITY CABINET
- EX. SIGN
- EX. MAILBOX
- PROP UGND INSTALL
- PROP AERIAL INSTALL



**SHEET INDEX**

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

- 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 MDT 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.

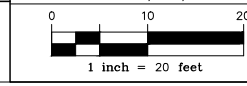
**METRO ENGINEERING SOLUTIONS**  
 33900 SCHOOLCRAFT RD  
 LIVONIA, MICHIGAN 48150  
 PHONE: 734.483.1427 FAX: 734.483.3431  
 www.metroes.net

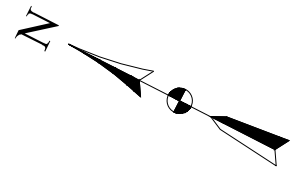
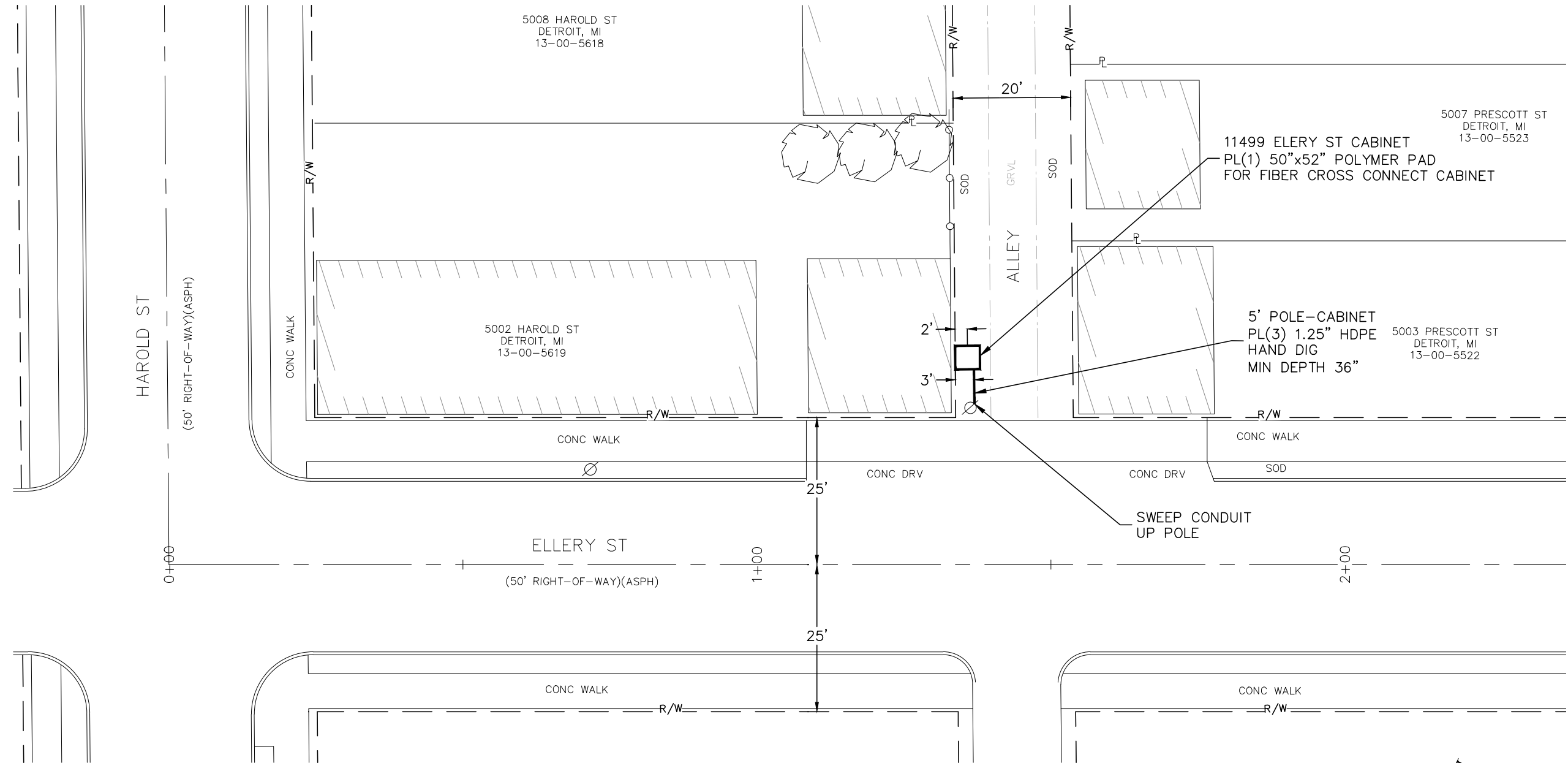
REVISION		
REV #	DATE	DESCRIPTION

	PROJECT # A01DMVB	DATE SVC REQ'D
PROJECT TITLE: 11499 ELLERY ST		
DA 4257PA	GEO LOC	NPANNX
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#1045-20-0647		
PLAN DATE: 01/05/21	PLOT DATE: 05/19/21	
PERMIT REQ'D		Y
PRINT		01 OF 03

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.  
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

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.





**METRO ENGINEERING SOLUTIONS**

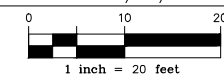
33900 SCHOOLCRAFT RD  
LIVONIA, MICHIGAN 48150  
PHONE: 734.483.1427 FAX: 734.483.3431  
www.metroes.net

REV #	DATE	REVISION

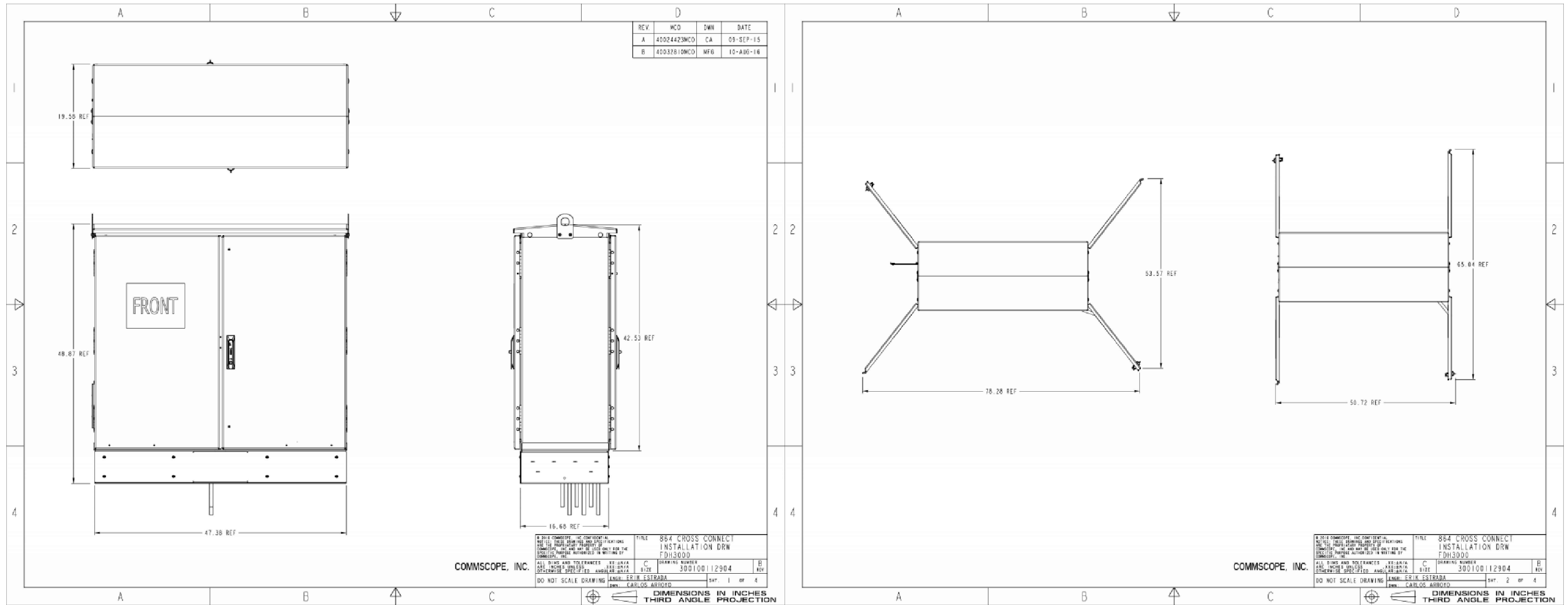
PROJECT # A01DMVB		DATE SVC REQ'D	
PROJECT TITLE: 11499 ELERY ST			
DA 4257PA	GEO LOC	NPANNX	WC DETROIT TWINBROOK
CITY: CITY OF DETROIT			
PRIMARY ENGR. ID: KD5643		PHONE#: (586)466-1024	
PRIMARY ENGR. NAME: MANZELLA, KATHERINE			
CONTRACTOR NAME: MES, JEFF BUSH @ (313)350-8316			
MES JOB#1045-20-0647			
PLAN DATE: 01/05/21		PLOT DATE: 05/19/21	
PERMIT REQ'D		Y	
PRINT		02 OF 03	

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.  
COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

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.



AT&T FDH 3000  
864 CROSS-CONNECT CABINET



COMMSCOPE, INC. TITLE: 864 CROSS CONNECT INSTALLATION DRW FDH3000  
 ALL DIMS AND TOLERANCES: XX-XX.XX SIZE: 300100112904  
 ENG: ERIN ESTRADA DWN: CARLOS ABRUDO SHT: 1 OF 4  
 DO NOT SCALE DRAWING DIMENSIONS IN INCHES THIRD ANGLE PROJECTION

COMMSCOPE, INC. TITLE: 864 CROSS CONNECT INSTALLATION DRW FDH3000  
 ALL DIMS AND TOLERANCES: XX-XX.XX SIZE: 300100112904  
 ENG: ERIN ESTRADA DWN: CARLOS ABRUDO SHT: 2 OF 4  
 DO NOT SCALE DRAWING DIMENSIONS IN INCHES THIRD ANGLE PROJECTION

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

REVISION		
REV #	DATE	DESCRIPTION

at&t	PROJECT # A01DMVB	DATE SVC REQ'D
PROJECT TITLE: 11499 ELERY ST		
DA 4257PA	GEO LOC NPANNX	WC DETROIT 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#1045-20-0647		
PLAN DATE: 01/05/21	PLOT DATE: 05/19/21	
PERMIT REQ'D		Y
PRINT		03 OF 03

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.  
 COPYRIGHT © 2021 METRO ENGINEERING SOLUTIONS; ALL RIGHTS RESERVED.

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.

