

PLAN KEYNOTES (#)

- PROPOSED CURB PER DETAIL, SHEET C-501.
- PROPOSED CURB AT DRIVE THRU PER DETAIL, SHEET C-501.
- PROPOSED P.C.C. WALK / P.C.C. CURBED WALK PER DETAIL, SHEET C-501.
- PROPOSED DRIVE APRON PER WAYNE COUNTY STANDARDS AND SPECIFICATIONS. SEE DETAILS, SHEET C-502.
- PROPOSED 6" P.C.C. PAVEMENT W/ W.W.F. 6" x 6" W2.9 x W2.9 (CONTROL JTS. 12'-0" O.C.) OVER 6" CRUSHED AGGREGATE MDOT 21AA. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.
- PROPOSED BOLLARD IN CURB PER DETAIL, SHEET C-501.
- PROPOSED HANDICAPPED PARKING SIGN AND BOLLARD PER ADA SIGN DETAIL, SHEET C-501.
- PROPOSED LANDSCAPING AREA. SOD ALL DISTURBED AREAS EXCEPT WHERE PLANTING BEDS ARE INDICATED. SEE LANDSCAPE PLANS.
- PROPOSED PAINTED TRANSVERSE STRIPING PER DETAIL, SHEET C-501.
- PROPOSED PAINTED 4" WIDE SOLID STRIPE - WHITE ON ASPHALT, YELLOW ON CONCRETE, BLUE IN ADA AREAS.
- PROPOSED DIRECTIONAL PAVEMENT MARKINGS PER DETAIL, SHEET C-501. WHITE ON ASPHALT, YELLOW ON CONCRETE.
- PROPOSED PAINTED ADA PAVEMENT SYMBOL PER ADA SPECIFICATIONS AND DETAIL, SHEET C-501.
- PROPOSED PAINTED CROSSWALK STRIPING PER DETAIL, SHEET C-501.
- PROPOSED CONCRETE COLLAR PER DETAIL, SHEET C-503.
- PROPOSED 8'-0" O.A.H., 40 S.F. MONUMENT SIGN PER SIGN SUPPLIER SPECIFICATIONS.
- PROPOSED FROST SLAB AT DOOR. PER STRUCTURAL PLANS FOR DETAILS DRAWINGS.
- PROPOSED MASONRY DUMPSTER ENCLOSURE ON 8" P.C.C. PAD OVER 6" MDOT 21AA AGGREGATE BASE. REFER TO DETAIL, SHEET G-002.
- PROPOSED BIKE RACK PER DETAIL, SHEET C-501.
- PROPOSED OUTDOOR SEATING PATIO WITH PATIO CANOPY. SEE ARCHITECTURAL PLANS.
- PROPOSED DETERRENT BOLLARD PER DETAILS, SHEET C-501. BOLLARDS INTENDED TO PROTECT FIRE HYDRANT SHALL BE SPACED PER LOCAL FIRE DEPARTMENT REGULATIONS.
- PROPOSED EVOLUTION PORTAL CLEARANCE BAR. SEE EVOLUTION FOUNDATION DETAIL, SHEET C-503.
- PROPOSED MENU BOARD AND ORDER CONFIRMATION BOARD PER SIGN SUPPLIER SPECIFICATIONS. SEE MENU BOARD FOOTING DETAIL, SHEET C-503.
- PROPOSED ADA ACCESSIBLE RAMP PER DETAIL, SHEET C-501. REFER TO PLAN VIEW FOR RAMP TYPE.
- PROPOSED STANDARD DUTY ASPHALT BIKE PATH PER BROWNSTOWN TOWNSHIP STANDARDS AND SPECIFICATIONS.
- PROPOSED 125 L.F. OF DECORATIVE FENCE W/ BRICK BASE PER BROWNSTOWN TOWNSHIP STANDARDS AND SPECIFICATIONS. FINAL LOCATION, LENGTHS, ETC. SHALL BE PER CITY OFFICIAL AND IN COMPLIANCE WITH ELECTRIC UTILITY CLEAR DISTANCE REQUIREMENTS. REFER TO DETAIL ON SHEET C-503
- PROPOSED DUAL SIDED DRIVE THRU SIGN PER SIGN SUPPLIER SPECIFICATIONS.
- TEMPORARY BARRIER TO BE LEFT IN PLACE AND TO BE COORDINATED WITH ADJACENT OWNER.
- PROPOSED "DO NOT ENTER" SIGN.
- PROPOSED PAVEMENT REPLACEMENT. CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN TYPE AND DEPTH. APPLY LIQUID ASPHALT AT ALL JOINTS WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT INCLUDING SAW CUT JOINTS.
- PROPOSED "MOBILE PICK UP" PARKING SIGNS IN BOLLARD. SIGN TO BE PROVIDED BY SIGN VENDOR.
- EXISTING CURB CUT TO BE MODIFIED SEE CURB TAPER DETAIL ON C-501. PROPOSED CURB OPENING SHALL FOLLOW CITY STANDARDS, AND COMPLY WITH CURRENT ACCESSIBILITY GUIDELINES.

LEGEND

- PROPOSED STANDARD DUTY ASPHALT PER ASPHALT PER DETAIL, SHEET C-503
- PROPOSED HEAVY DUTY ASPHALT PER ASPHALT PAVEMENT PER DETAIL, SHEET C-503
- PROPOSED CONCRETE PER DETAIL, SHEET C-501 AND SHEET C-502 (FOR DRIVEWAY APPROACH ONLY, KEYNOTE #4)
- CONSTRUCTION KEYNOTE
- PROPOSED PARKING SPACE NUMBER
- PROPOSED DRIVE THRU STACK CAR AND NUMBER
- PROPOSED ADA ACCESSIBLE RAMP PER DETAIL, SHEET C-501 REFER TO PLAN VIEW FOR RAMP TYPE
- PROPOSED UTILITY STRUCTURES, REFER TO UTILITY PLANS

BUILDING SETBACKS

	REQUIRED	PROVIDED
FRONT: EAST	30'	32.9'
REAR: WEST	10'	150.8'
SIDE: NORTH	10'	81.3'
SIDE: SOUTH	30'	36.4'

PARKING SPACES

	REQUIRED	PROVIDED
NUMBER OF SPACES	30	30
NUMBER OF SHORT TERM SPACES	3	3

PARKING SETBACKS

	REQUIRED	PROVIDED
FRONT: EAST	10'	10'
REAR: WEST	10'	10.7'
SIDE: NORTH	10'	10.7'
SIDE: SOUTH	10'	10.0'

PARKING REQUIREMENTS
1 SPACE PER 70 SF OF USABLE FLOOR AREA OR
0.5 SPACES PER SEAT WHICHEVER IS GREATER
PLUS
3 SHORT TERM PARKING STALLS
THEREFORE: 2000 SF / 70 SF = 30 SPACES AND 3 SHORT TERM PARKING SPACES REQUIRED.

LANDSCAPE SETBACKS

	REQUIRED	PROVIDED
FRONT: EAST	20'	10'
REAR: WEST	10'	10'
SIDE: NORTH	10'	10.7'
SIDE: SOUTH	20'	10'

LAND USE DATA

	% OF SITE AREA	AREA PROVIDED
BUILDING PAVEMENT/IMPERVIOUS LANDSCAPING	5.2%	0.05 AC.
	71.5%	0.67 AC.
	28.5%	0.26 AC.
TOTAL	100%	0.93 AC.

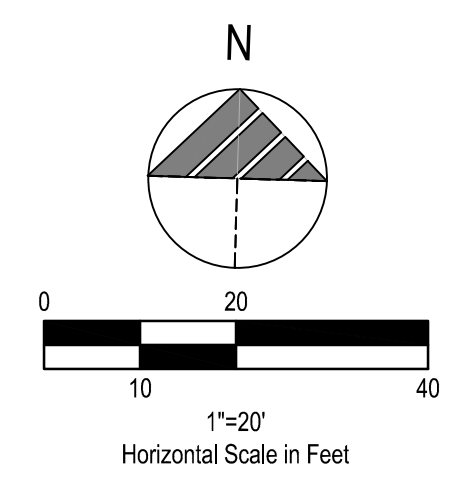
LAND USE DATA

	REQUIRED	PROVIDED
NUMBER OF RV PARKING SPACES	2	2

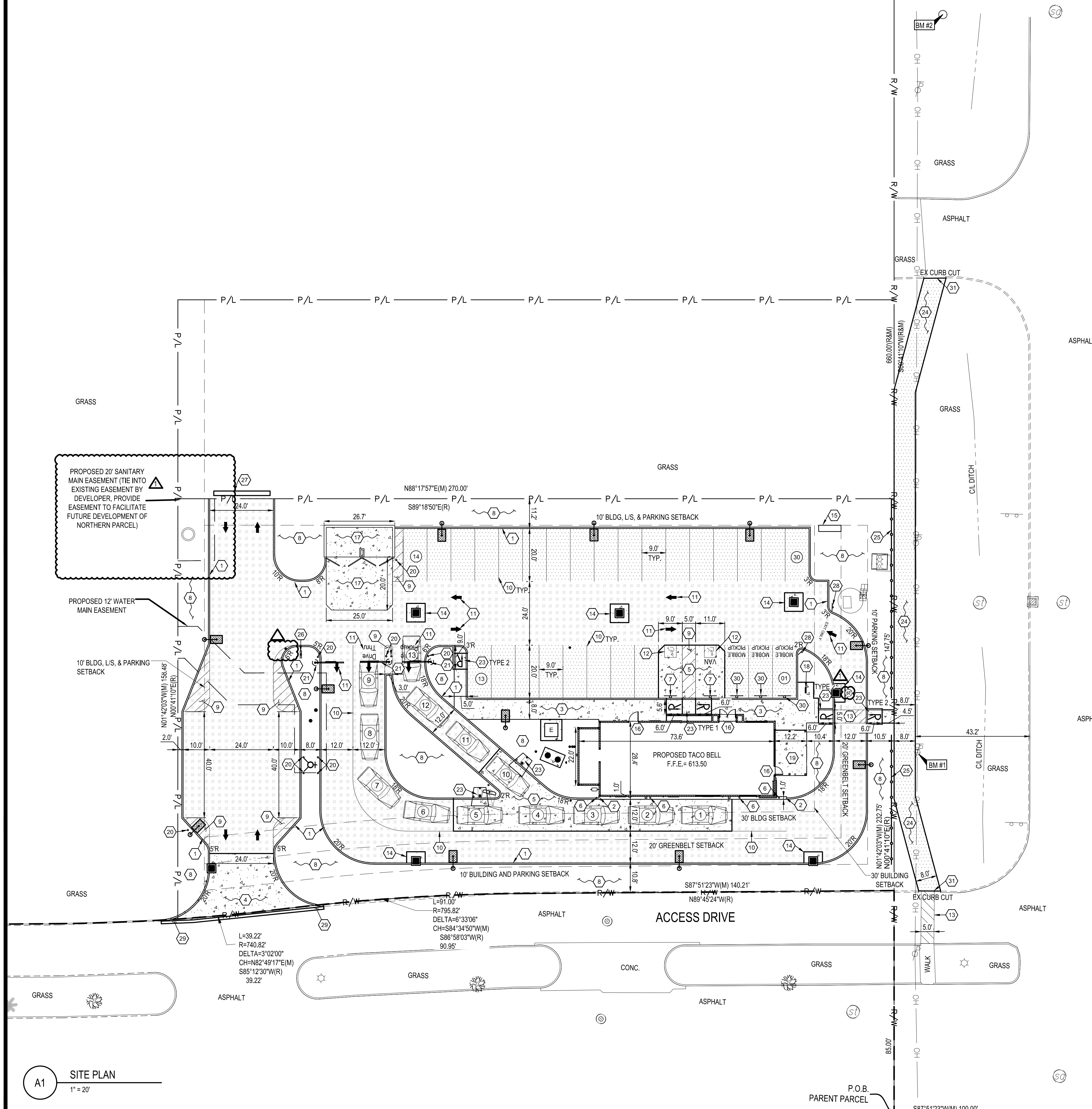
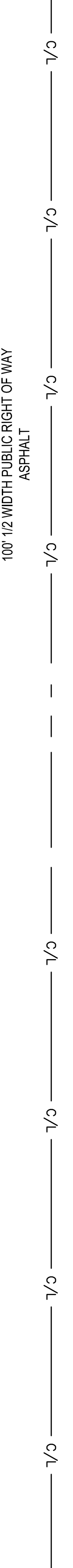
CURRENT ZONING: B-2 COMMUNITY BUSINESS

BENCHMARKS:

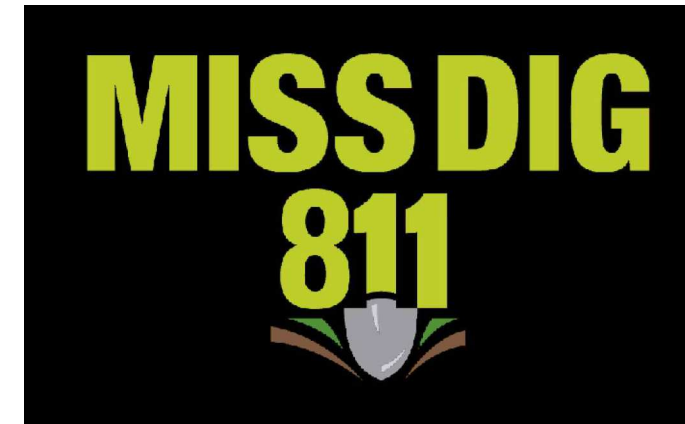
BENCHMARK #1 - SET MAC NAIL IN WEST FACE OF UTILITY POLE. ELEVATION 614.11' (NAVD 88) NORTHING: 245697.79' / EASTING: 13421439.82'
BENCHMARK #2 - SET 1/2" IRON WITH TRAVERSE CAP. ELEVATION = 611.49' (NAVD 88) NORTHING: 245975.81' / EASTING: 13421443.06'



TELEGRAPH RD
100' 1/2 WIDTH PUBLIC RIGHT OF WAY
ASPHALT

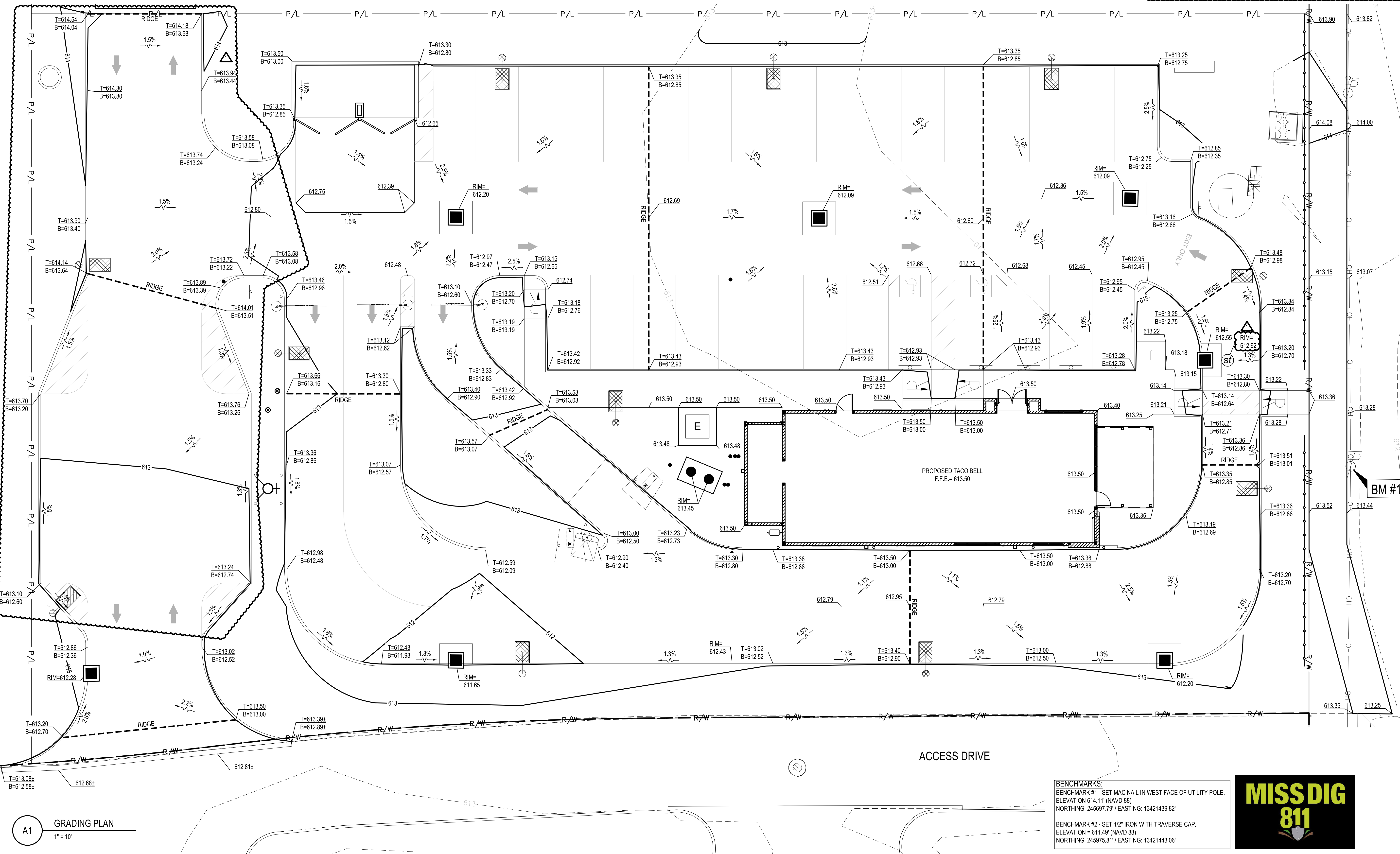
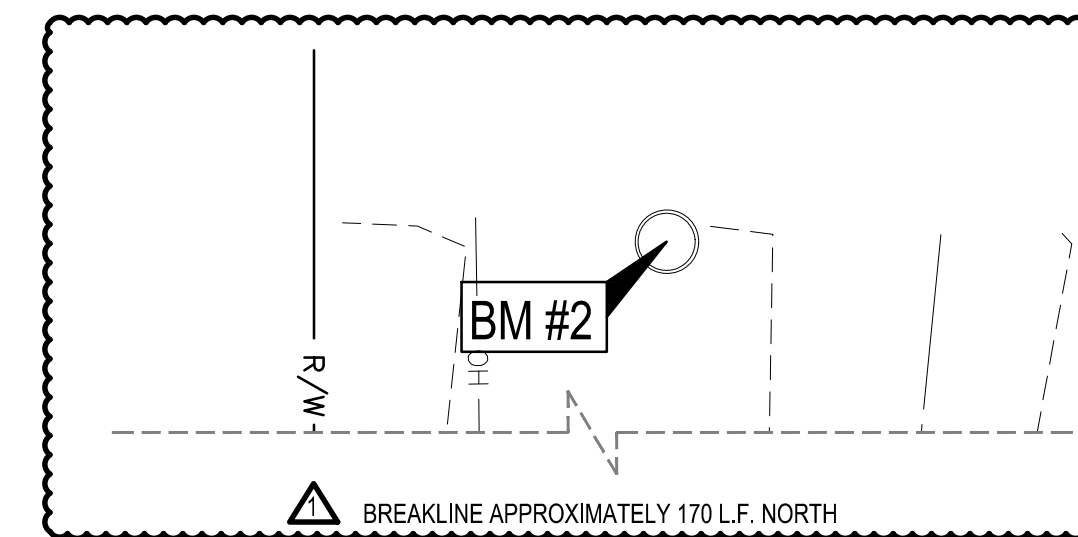
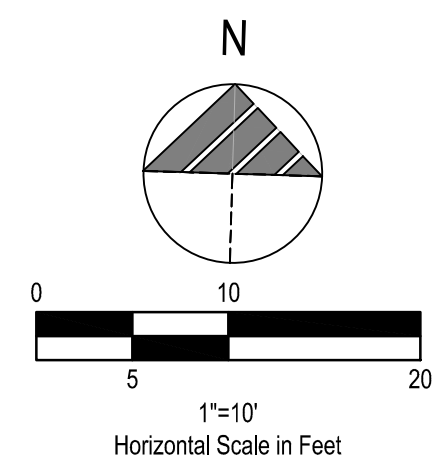


A1 SITE PLAN
1" = 20'



BENCHMARKS:
BENCHMARK #1 - SET MAC NAIL IN WEST FACE OF UTILITY POLE. ELEVATION 614.11' (NAVD 88)
NORTHING: 245697.79' / EASTING: 13421439.82'
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LEGEND	
(SEE SHEET C-001 FOR GENERAL LEGEND)	
000	PROPOSED CONTOUR
000.00±	EXISTING SPOT ELEVATION
000.00	PROPOSED ELEVATION @ FINISHED GROUND ELEVATION
T=000.00	TOP OF CURB ELEVATION
B=000.00	BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
000.0±	MATCH EXISTING ELEVATION
0.0%	PROPOSED DRAINAGE SLOPE & DIRECTION



CITY AND COUNTY COMMENTS	

CONTRACT DATE: 01/01/19
 BUILDING TYPE: ENDEAVOR 2.0
 PLAN VERSION:
 BRAND DESIGNER: DAN DICKSON
 SITE NUMBER: 314155
 STORE NUMBER: 452586

TACO BELL
 18880 TELEGRAPH RD
 BROWNSTOWN, MI 48174



ENDEAVOR 2.0

GRADING PLAN

C-121

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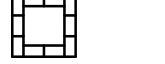
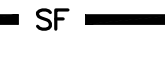

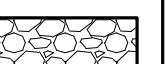


A1 GRADING PLAN
 1" = 10'


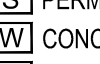

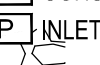
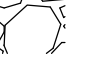



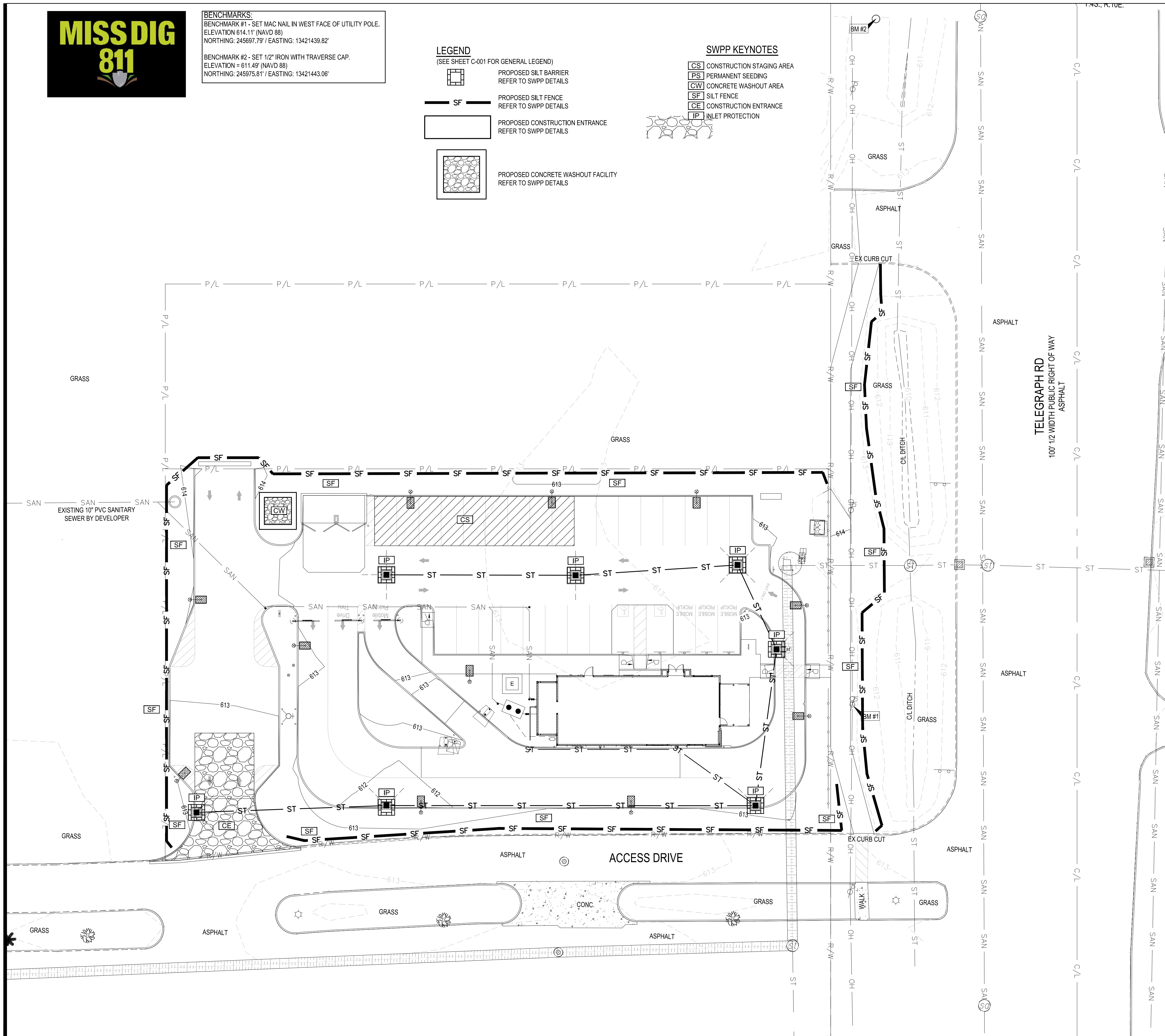
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 NORTHING: 245975.81' / EASTING: 13421443.06'

LEGEND
 (SEE SHEET C-001 FOR GENERAL LEGEND)

-  PROPOSED SILT BARRIER REFER TO SWPP DETAILS
-  PROPOSED SILT FENCE REFER TO SWPP DETAILS
-  PROPOSED CONSTRUCTION ENTRANCE REFER TO SWPP DETAILS
-  PROPOSED CONCRETE WASHOUT FACILITY REFER TO SWPP DETAILS

SWPP KEYNOTES

-  CONSTRUCTION STAGING AREA
-  PERMANENT SEEDING
-  CONCRETE WASHOUT AREA
-  SILT FENCE
-  CONSTRUCTION ENTRANCE
-  INLET PROTECTION



CONSTRUCTION SEQUENCE

1. DURING PRE-CONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED. A GENERAL CONSTRUCTION SEQUENCE FOLLOWS AND MAY NEED TO BE UPDATED BY THE CONTRACTOR TO SUIT THE SPECIFICS OF THE SITE AND INTENDED CONTRACTOR SPECIFIC SEQUENCING.
- 1.1. INSTALL CONSTRUCTION ENTRANCE AS DETAILED ON PLANS. TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED AROUND PERIMETER OF CONSTRUCTION SITE. WHERE THERE IS EXISTING FENCE ALONG THE PERIMETER OF THE SITE, IT CAN BE UTILIZED. FENCING SHALL BE USED TO RESTRICT OUTSIDE TRAFFIC TO SITE.
- 1.2. DELIVER CONSTRUCTION TRAILER TO SITE AND INSTALL TEMPORARY POWER AND TELEPHONE, IF REQUIRED. TEMPORARY UTILITY SERVICES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 1.3. STAKE AND/OR FLAG LIMITS OF CLEARING.
- 1.4. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS. INSTALL SILT PERIMETER CONTROLS AS SHOWN ON PLANS. SILT PERIMETER CONTROLS SHALL BE INSTALLED LEVEL, ALONG THE CONTOURS, WITH ENDS TURNED UPSLOPE TO PREVENT CONCENTRATED FLOW AT THE SILT PERIMETER CONTROLS.
- 1.5. INSTALL TEMPORARY SILT INLET PROTECTION ON ALL EXISTING CATCH BASINS AND INLETS, AS DESIGNATED IN THE PLANS. REMOVAL OF SILT INLET PROTECTION FROM DESIGNATED INLETS CAN ONLY OCCUR WHEN A STRUCTURE IS REMOVED, AND AS REQUIRED BY THE PROGRESSION OF THE DEMOLITION AND CONSTRUCTION.
- 1.6. CLEAR & GRUB THE REMAINING SITE AS NECESSARY. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR REUSE, OR REMOVED TO AN APPROVED OFFSITE SPOIL AREA.
- 1.7. UTILIZE DUST CONTROL MEASURES AS REQUIRED TO MINIMIZE AIR-BORNE POLLUTION BY METHODS APPROVED BY THE AUTHORIZING EPA OFFICE.
- 1.8. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.
- 1.9. ONCE PAVEMENT GRADES HAVE BEEN ESTABLISHED, AS DESIGNATED ON THE PLANS, THE CONTRACTOR SHALL UTILIZE THESE AREAS FOR STRUCTURE CONSTRUCTION.
- 1.10. CONSTRUCT UNDERGROUND UTILITY WORK INCLUDING STORM DRAINAGE FACILITIES. UPON INSTALLATION OF STORM DRAINAGE CATCH BASINS, YARD DRAINS AND INLETS, INSTALL REQUIRED INLET PROTECTION.
- 1.11. DO NOT REPLACE ANY TOPSOIL, SEED OR INSTALL FINAL PAVEMENT PRIOR TO COMPLETION OF BUILDING SHELL. SHOULD SITEWORK BE COMPLETED PRIOR TO THIS DATE, MULCH DISTURBED AREAS TO BE PLANTED AND INSTALL STONE SUBBASE IN DISTURBED AREAS TO BE PAVED.
- 1.12. FOLLOWING COMPLETION OF BUILDING SHELL AND PAVEMENT INSTALLATION, BEGIN LANDSCAPE INSTALLATION.
- 1.13. COMPLETE SITEWORK, PAVEMENT MARKINGS AND FINAL CLEAN-UP. RESEED ANY AREAS THAT MAY REQUIRE ATTENTION IMMEDIATELY. NOTE THAT LAWN AREAS WILL NOT BE DEEMED STABLE UNTIL A MINIMUM 80% VEGETATIVE DENSITY HAS BEEN ACHIEVED.
- 1.14. MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED. ALL AREAS OF VEGETATIVE SURFACE, WHETHER PERMANENT OR TEMPORARY, SHALL BE CONSIDERED TO BE IN PLACE AND FUNCTIONAL WHEN THE REQUIRED UNIFORM RATE OF COVERAGE (80%) IS OBTAINED.
- 1.15. REMOVE SEDIMENT CONTROLS.

PROJECT DESCRIPTION

THIS SITE WAS HOME TO AN EMPTY FIELD. PROPOSED IMPROVEMENTS INCLUDE A NEW TACO BELL SITE ALONG WITH PARKING AREAS, SIDEWALKS, UTILITIES, AND AMENITY IMPROVEMENTS. WATER QUALITY AND DETENTION WILL BE DONE BY THE DEVELOPER AND ARE NOT PART OF THESE PLANS.

PROJECT COMPLETION STATISTICS

PARCEL SIZE:	0.93 ACRES
TOTAL DISTURBED AREA:	1.00± ACRES
EXISTING LAND USE FOR THE SITE IS VACANT LAND.	
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS AREA:	0.00 ACRES
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS PERCENT:	0%
PRE-CONSTRUCTION RUN-OFF COEFFICIENT:	0.40
PROPOSED LAND USE WILL BE TACO BELL DEVELOPMENT.	
ESTIMATED POST-CONSTRUCTION IMPERVIOUS AREA:	0.67 ACRES
ESTIMATED POST-CONSTRUCTION IMPERVIOUS PERCENT:	72%
POST-CONSTRUCTION RUN-OFF COEFFICIENT:	0.76

PROJECT LOCATION:

LATITUDE: 42.168948° LONGITUDE: -83.267422°

EXISTING SITE SOIL TYPES:

CU: CUT AND FILL LAND
 REFERENCE: USDA NATIONAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY.

WETLAND INFORMATION:

THERE ARE NO WETLANDS ON THIS SITE.

OWNER CONTACT:

SAM YALDO
 TEL - SIB, LLC
 31000 NORTHWESTERN HWY, SUITE 110
 FARMINGTON HILLS, MI 48334

ANTICIPATED TIMING:

CONSTRUCTION BEGIN: NOVEMBER, 2021
 CONSTRUCTION COMPLETE: FEBRUARY, 2022

CONTRACTOR: T.B.D.

CONTACT: _____
 PHONE NUMBER: _____

CONTRACTOR SHALL MAINTAIN A CONSTRUCTION LOG DOCUMENTING ALL GRADING AND STABILIZATION ACTIVITIES.



CITY AND COUNTY COMMENTS
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CONTRACT DATE: 01/01/19
 BUILDING TYPE: ENDEAVOR 2.0
 PLAN VERSION:
 BRAND DESIGNER: DAN DICKSON
 SITE NUMBER: 314155
 STORE NUMBER: 452586

TACO BELL
 18880 TELEGRAPH RD
 BROWNSTOWN, MI 48174



SWPP PLAN

C-132