

VICINITY MAP
(NOT TO SCALE)

PARCEL AREA
PARCEL 1
 422,018± SQUARE FEET = 9.688± ACRES
SURVEYED PARCEL
 32,494± SQUARE FEET = 0.746± ACRES

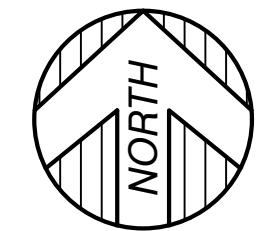
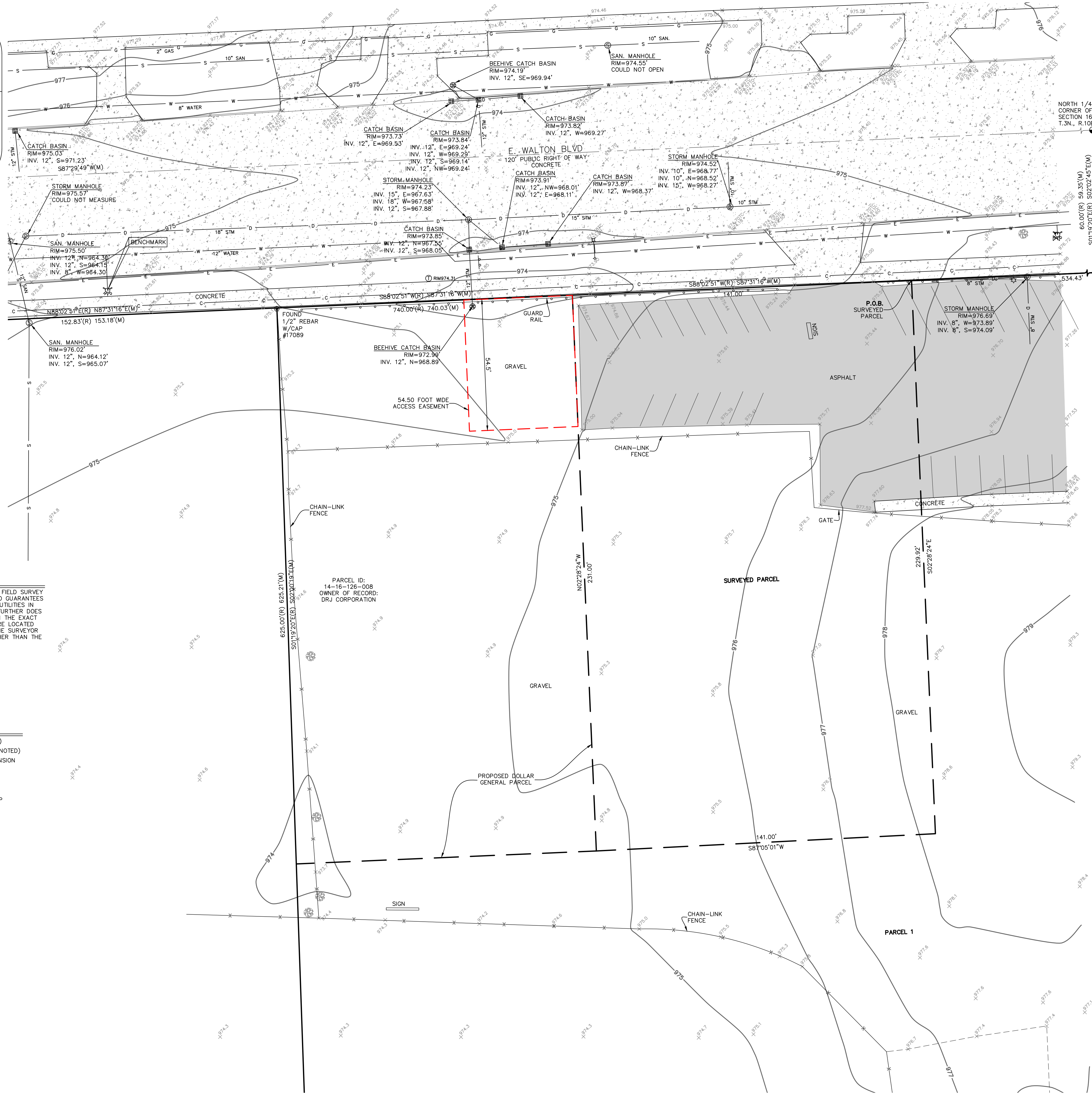
BASIS OF BEARING
 SOUTH 87°29'49" WEST, BEING THE NORTH LINE OF SECTION 16, PER PREVIOUS SURVEY BY ATWELL DATED 10/04/21.

BENCHMARK
 ARROW ON FIRE HYDRANT.
 ELEVATION = 978.03' (NAVD 88)

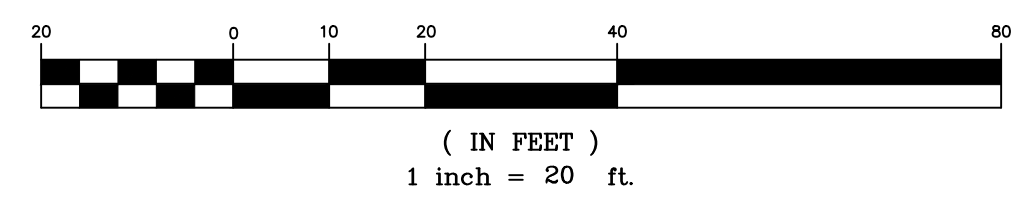
SURVEYOR'S NOTE
 THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES OTHER THAN THE STRUCTURE INVENTORY SHOWN HEREON.

LEGEND

	FOUND MONUMENT (AS NOTED)
	FOUND SECTION CORNER (AS NOTED)
	RECORD AND MEASURED DIMENSION
	RECORD DIMENSION
	MEASURED DIMENSION
	GROUND ELEVATION
	LIGHT POLE WITH STREET LAMP
	TELEPHONE MANHOLE
	SANITARY MANHOLE
	STORM DRAIN MANHOLE
	ROUND CATCH BASIN
	SQUARE CATCH BASIN
	FIRE HYDRANT
	SINGLE POST SIGN
	DOUBLE POST SIGN
	DECIDUOUS TREE (AS NOTED)
	PARCEL BOUNDARY LINE
	SECTION LINE
	EASEMENT (AS NOTED)
	CONCRETE CURB
	PARKING
	EDGE OF CONCRETE (CONC.)
	EDGE OF ASPHALT (ASPH.)
	FENCE (AS NOTED)
	ELECTRIC LINE
	UNDERGROUND CABLE
	GAS LINE
	SANITARY LINE
	STORM LINE
	WATER LINE
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	ASPHALT
	CONCRETE



GRAPHIC SCALE



PROPERTY DESCRIPTION

LOCATED IN THE CITY OF PONTIAC, COUNTY OF OAKLAND, STATE OF MICHIGAN,
PARCEL 1:
 THE SOUTH 740 FEET OF THE NORTH 800 FEET OF THE WEST 740 FEET OF THE EAST 800 FEET OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWN 3 NORTH, RANGE 10 EAST, CITY OF PONTIAC, OAKLAND COUNTY, MICHIGAN.

EXCEPT:
 PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWN 3 NORTH, RANGE 10 EAST, CITY OF PONTIAC, OAKLAND COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: BEGINNING AT A POINT DISTANT SOUTH 88 DEGREES 37 MINUTES 42 SECONDS WEST 60.00 FEET AND SOUTH 01 DEGREES 22 MINUTES 18 SECONDS EAST 60.49 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SECTION 16, FROM THE NORTH 1/4 CORNER OF SECTION 16; THENCE SOUTH 01 DEGREE 19 MINUTES 20 SECONDS EAST 225.00 FEET ALONG THE WEST LINE OF JOSLYN ROAD (120.00 FEET WIDE); THENCE SOUTH 88 DEGREES 02 MINUTES 51 SECONDS WEST 180.00 FEET; THENCE NORTH 01 DEGREE 19 MINUTES 20 SECONDS WEST 225.00 FEET TO A POINT ON THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE); THENCE NORTH 88 DEGREES 02 MINUTES 51 SECONDS EAST 180.00 FEET ALONG THE SOUTH LINE TO THE POINT OF BEGINNING.

ALSO EXCEPT:
 PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWN 3 NORTH, RANGE 10 EAST, CITY OF PONTIAC, OAKLAND COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT A POINT ON THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE), DISTANT SOUTH 01 DEGREE 19 MINUTES 20 SECONDS EAST 625.00 FEET ALONG THE WEST LINE OF JOSLYN ROAD (120.00 FEET WIDE) TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 01 DEGREE 19 MINUTES 20 SECONDS EAST 115.00 FEET ALONG THE WEST LINE OF JOSLYN ROAD; THENCE SOUTH 88 DEGREES 02 MINUTES 51 SECONDS WEST 740.00 FEET; THENCE NORTH 01 DEGREE 19 MINUTES 20 SECONDS WEST 115.00 FEET; THENCE NORTH 88 DEGREES 02 MINUTES 51 SECONDS EAST 740.00 FEET TO THE POINT OF BEGINNING.

SURVEYED PARCEL:
 PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWN 3 NORTH, RANGE 10 EAST, CITY OF PONTIAC, OAKLAND COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: BEGINNING AT A POINT ON THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE), DISTANT SOUTH 02 DEGREE 02 MINUTES 45 SECONDS EAST 59.35 FEET ALONG THE NORTH AND SOUTH 1/4 LINE OF SAID SECTION 16 AND SOUTH 87 DEGREES 31 MINUTES 16 SECONDS WEST ALONG THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE) 534.43 FEET FROM THE NORTH 1/4 CORNER OF SAID SECTION 16; THENCE SOUTH 02 DEGREES 28 MINUTES 24 SECONDS EAST 229.92 FEET; THENCE SOUTH 87 DEGREES 05 MINUTES 01 SECOND WEST 141.00 FEET; THENCE NORTH 02 DEGREES 28 MINUTES 24 SECONDS WEST 231.00 FEET; THENCE NORTH 87 DEGREES 31 MINUTES 16 SECONDS EAST 141.00 FEET TO THE POINT OF BEGINNING.

TITLE REPORT NOTE

ONLY THOSE EXCEPTIONS CONTAINED WITHIN THE TRANSACTION TITLE AGENCY COMMITMENT NO. 36608PFLTS, DATED SEPTEMBER 17, 2021, AND RELISTED BELOW WERE CONSIDERED FOR THIS SURVEY. NO OTHER RECORDS RESEARCH WAS PERFORMED BY THE CERTIFYING SURVEYOR.

- POLE LINE PERMIT IN FAVOR OF THE DETROIT EDISON COMPANY RECORDED IN LIBER 61 OF MISC. RECORDS, PAGE 207. (EASEMENT DOES NOT CROSS SURVEYED PORTION, THEREFORE EASEMENT IS NOT SHOWN)
- DETROIT EDISON UNDERGROUND EASEMENT (RIGHT OF WAY) IN FAVOR OF THE DETROIT EDISON COMPANY RECORDED IN LIBER 20269, PAGE 872. (EASEMENT DOES NOT CROSS SURVEYED PORTION, THEREFORE EASEMENT IS NOT SHOWN)
- RECIPROCAL SHOPPING CENTER EASEMENT AGREEMENT RECORDED IN LIBER 44962, PAGE 219. (BLANKET EASEMENT)

SURVEYOR'S CERTIFICATION

TO TRANSACTION TITLE AGENCY; OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY; GREAT LAKES TACO LLC, A MICHIGAN LIMITED LIABILITY COMPANY; AND DORTCH ENTERPRISES:

THIS IS TO CERTIFY THAT THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 4, 7A, 8, AND 9 OF TABLE A, THEREOF. THE FIELD WORK WAS COMPLETED ON 11/22/21.

DATE OF PLAN OR MAP: 11/23/21

ANTHONY T. SYCKO, JR.
 PROFESSIONAL SURVEYOR
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 TSycko@kemttec-survey.com



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ALTA / NSPS LAND TITLE SURVEY
 PREPARED FOR: DORTCH ENTERPRISES
 500 E. WALTON BLVD., PONTIAC, MICHIGAN
 PART OF SECTION 16,
 TOWN 3 NORTH, RANGE 10 EAST

NO.	DESCRIPTION	DATE	BY
1	DESCRIPTED SURVEYED PARCEL	4/9/22	JDM
2	ADDED SURVEYED PARCEL	3/29/22	JDM
1	ADDED ACCESS EASEMENT	3/11/22	JDM
	REVISION	DATE	BY



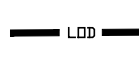
DRAWN BY:	MRJ	11/23/21
CHECKED BY:	ATS	11/23/21
DATE:	NOVEMBER 23, 2021	
PROJECT NO.:	21-03579	SCALE: 1" = 20'

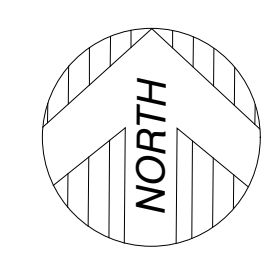
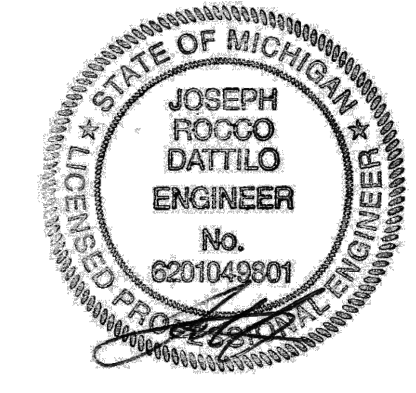


GENERAL DEMOLITION NOTES

- THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:
1. ALL MATERIAL TO BE REMOVED, WHETHER SPECIFICALLY NOTED IN THE PLANS OR NOT, SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF OFF-SITE IN A LEGAL MANNER. NO ON-SITE BURY OR BURN PITS SHALL BE ALLOWED.
 2. ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES.
 3. STAGING/PHASING OF DEMOLITION AND CONSTRUCTION IS TO BE COORDINATED WITH THE OWNER AND THE CONTRACTOR PRIOR TO CONSTRUCTION.
 4. SPECIFIC DEMOLITION ITEMS HAVE BEEN INDICATED ON THE PLANS AS A GUIDE TO THE GENERAL SCOPE OF THE WORK. IT IS THE INTENT THAT THESE ITEMS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR ABOVE AND BELOW GROUND, UNLESS SPECIFICALLY NOTED OTHERWISE, AND THAT DEMOLITION WILL INCLUDE BUT WILL NOT NECESSARILY BE LIMITED TO THESE ITEMS. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS AND EXTENTS OF THE DEMOLITION THAT WILL BE REQUIRED PRIOR TO SUBMITTING A BID.
 5. REMOVE ALL STRUCTURES DESIGNATED FOR REMOVAL ACCORDING TO THE DEMOLITION PLAN. THIS INCLUDES CONCRETE SIDEWALKS, BRICK AND CURBED AREAS, ASPHALT, TREES, ETC.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP, NOISE, DUST CONTROL, STREET SWEEPING AND HOURS OF OPERATION IN ACCORDANCE WITH THE LOCAL CODES.
 7. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, MARKINGS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES TO PROTECT THE WORK ZONE AND SAFELY MAINTAIN TRAFFIC PER AGENCY REQUIREMENTS AND IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD) LATEST EDITION.
 8. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO CONFIRM THAT UTILITY LEADS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO DEMOLITION.
 9. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF SIGNS AND SUPPORTS WITHIN THE WORK AREA, AS NECESSARY TO FACILITATE CONSTRUCTION. SIGNS SHALL BE PROTECTED OR STOCKPILED FOR REUSE AS SPECIFIED IN THE PLANS OR AS REQUIRED BY THE AGENCY OF JURISDICTION. THE CONTRACTOR SHALL REPLACE ANY DAMAGED SIGNS AND SUPPORTS AT NO ADDITIONAL COST TO THE OWNER.
 10. THE CONTRACTOR SHALL NOTIFY MISS DIG, THE CITY OF PONTIAC ENGINEER AND /OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
 11. ALL SITE FEATURES WITHIN THE LIMIT OF DISTURBANCE INDICATED ON THIS PLAN ARE TO BE REMOVED/DEMOLISHED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY KEM-TEC IF SIGNIFICANT DISCREPANCIES ARE DISCERNED BETWEEN THIS PLAN & FIELD CONDITIONS.
 12. THE LOCATION OF ALL UNDERGROUND UTILITIES AS SHOWN ON THESE DRAWINGS ARE BASED ON RECORDS PROVIDED BY THE UTILITY OWNERS AND VISIBLE EVIDENCE OBTAINED IN THE FIELD. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED TO THE COMPLETENESS OR ACCURACY THEREOF.

DEMOLITION LEGEND

-  CONCRETE PAVEMENT REMOVAL
-  PROPERTY LINE
-  LIMITS OF DISTURBANCE

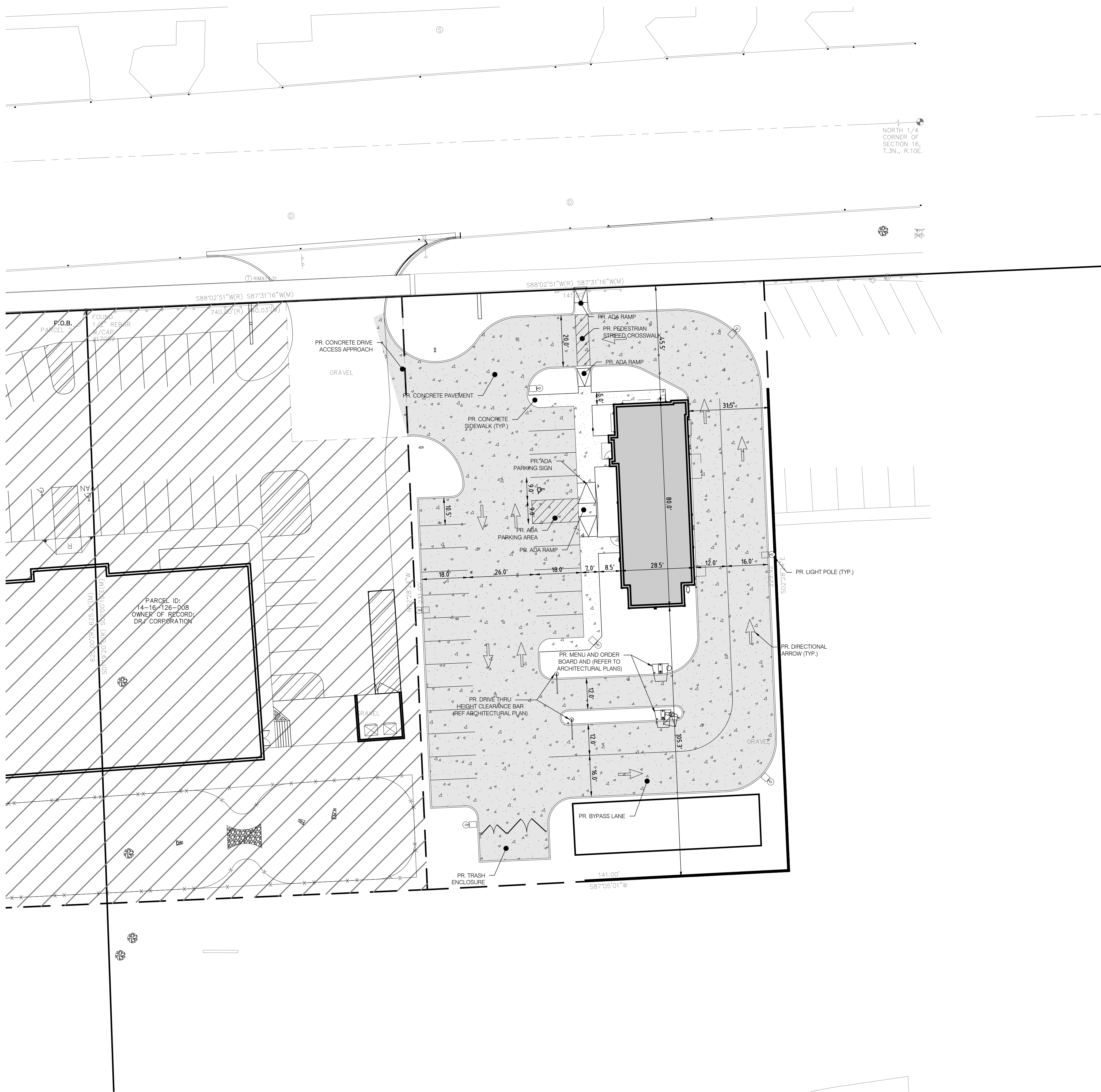


DEMOLITION PLAN
SCALE: 1" = 20'

DEMOLITION PLAN

PREPARED FOR: GREAT LAKES TACO, LLC.
E WALTON BLVD., PONTIAC, MI 48340

DATE	BY	DESCRIPTION
07/13/2022 <td>GAE <td>SPA RESUBMITTAL</td> </td>	GAE <td>SPA RESUBMITTAL</td>	SPA RESUBMITTAL
07/13/2022 <td>GAE <td>ENGINEERING SUBMITTAL</td> </td>	GAE <td>ENGINEERING SUBMITTAL</td>	ENGINEERING SUBMITTAL
07/13/2022 <td>DM <td>ENGINEERING SUBMITTAL</td> </td>	DM <td>ENGINEERING SUBMITTAL</td>	ENGINEERING SUBMITTAL
03/22/2022 <td>DM <td>ENGINEERING SUBMITTAL</td> </td>	DM <td>ENGINEERING SUBMITTAL</td>	ENGINEERING SUBMITTAL
		REVISION



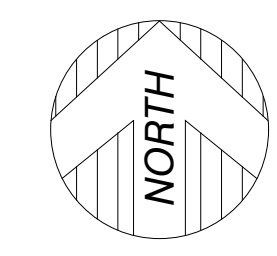
- ### SITE LEGEND
- PROPERTY LINE
 - PROPOSED CONCRETE CURB AND GUTTER
 - PROPOSED BUILDING
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED CONCRETE PAVEMENT
 - PROPOSED WATER STRUCTURES
 - PROPOSED MAN-HOLE / CATCH BASIN

- ### SITE NOTES
1. ALL LIGHTING SHALL BE SHIELDED AND DIRECTED DOWNWARD AND AWAY FROM ADJACENT PROPERTIES. LIGHTING SHALL MEET REQUIREMENTS OF THE LOCAL ZONING ORDINANCE. SEE LIGHTING PLAN FOR ADDITIONAL INFORMATION.
 2. GROUND MOUNTED TRANSFORMERS AND ROOF MOUNTED MECHANICAL EQUIPMENT SHALL BE SCREENED AS REQUIRED IN THE LOCAL ZONING ORDINANCE.
 3. ALL SIGNS TO MEET REQUIREMENTS OF CITY CODE OF ORDINANCES AND BE APPROVED BY BUILDING DEPARTMENT
 4. PARKING SPACES SHALL BE STRIPPED PER LOCAL ZONING ORDINANCE
 5. RESTORATION OF ANY EXISTING HARD SURFACE AREA, OF ANY TYPE, REQUIRED AS A RESULT OF REMOVAL OF EXISTING SURFACING BY CITY OF WARREN FORCES OR AGENTS DURING THE COURSE OF MAINTENANCE OF WATER MAIN OR SANITARY SEWER LOCATED UNDER PAVEMENT, IS THE RESPONSIBILITY OF THE OWNER OF THIS SITE AND WILL NOT BE PERFORMED BY, NOR PAID FOR BY CITY OF THE CITY OF PONTIAC.
 6. THE SITE IS NOT ADJACENT TO ANY RESIDENTIALLY ZONED PROPERTY.

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SITE LAYOUT AND PAVING PLAN
PREPARED FOR: GREAT LAKES TACO, LLC.
E WALTON BLVD, PONTIAC, MI 48340

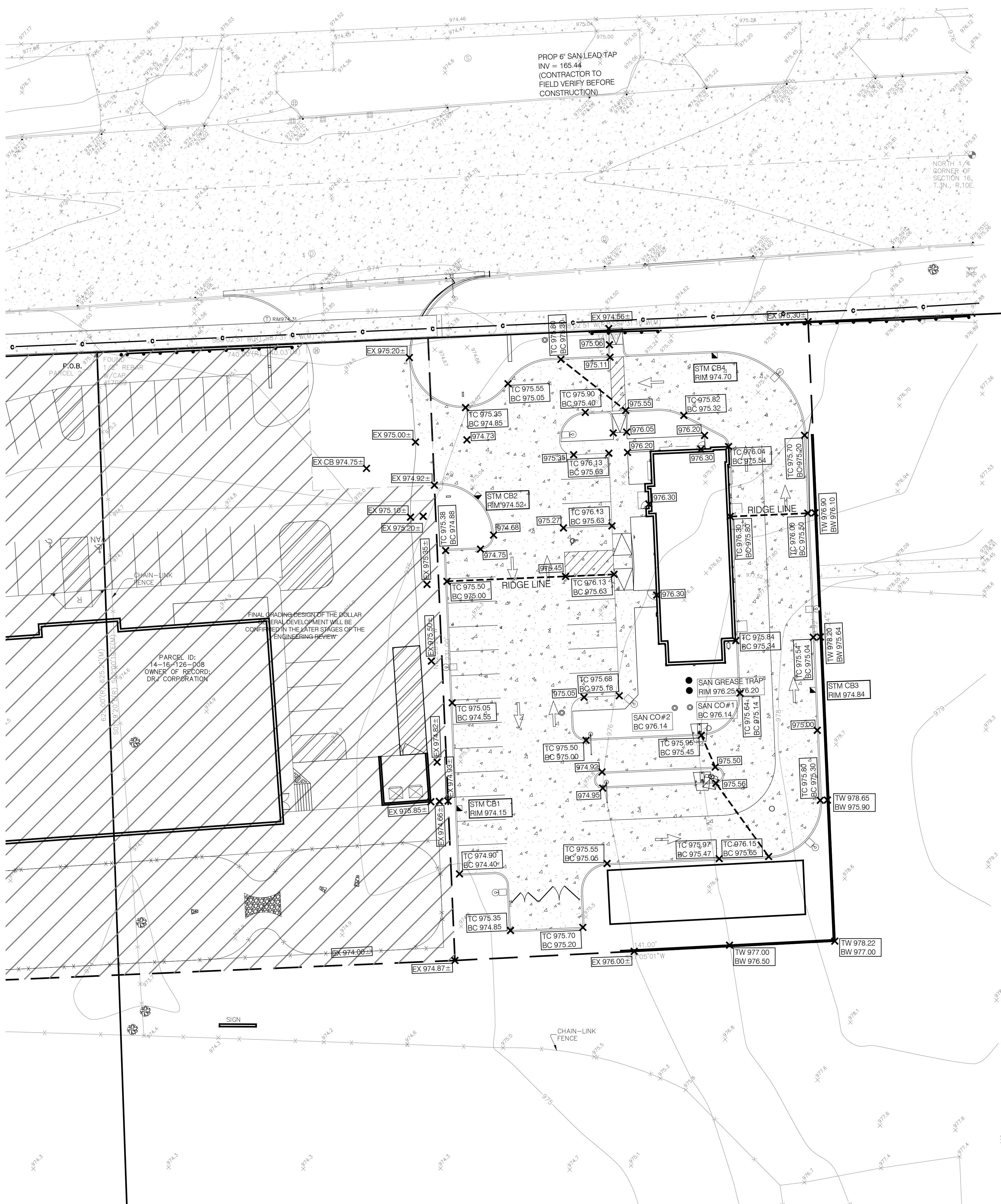
NO.	DATE	REVISION	DESCRIPTION
1	03/23/2022	DM	ENGINEERING SUBMITTAL
2	04/11/2022	DM	ENGINEERING SUBMITTAL
3	07/13/2022	GAE	SPA RE-SUBMITTAL



SITE LAYOUT AND PAVING PLAN
SCALE: 1" = 20'

C3.0

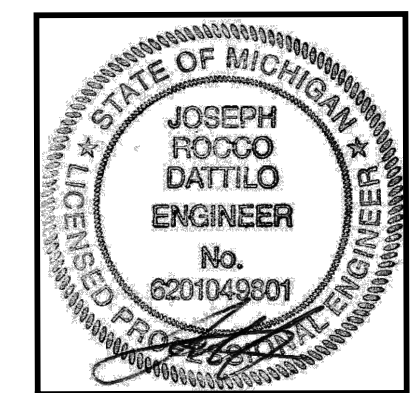
C3.0 Site Layout & Paving Plan.dwg 7/13/2022 Shavisha Modi



GRADING LEGEND

- × 900.00 EXISTING GRADES
- × 100.00 PROPOSED GRADES
- PROPERTY LINE
- - - PROPOSED RIDGE LINE

- GRADING NOTES**
1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND SPECIFICATIONS OF THE CITY OF PONTIAC AND OAKLAND COUNTY.
 2. IN AREAS WHERE NEW PAVEMENTS ARE BEING CONSTRUCTED, THE TOPSOIL AND SOIL CONTAINING ORGANIC MATTER SHALL BE REMOVED PRIOR TO PAVEMENT CONSTRUCTION.
 3. ON-SITE FILL CAN BE USED IF THE SPECIFIED COMPACTION REQUIREMENTS CAN BE ACHIEVED. IF ON-SITE SOIL IS USED, IT SHOULD BE CLEAN AND FREE OF FROZEN SOIL, ORGANICS, OR OTHER DELETERIOUS MATERIALS.
 4. THE FINAL SUBGRADE/EXISTING AGGREGATE BASE SHOULD BE THOROUGHLY PROOF ROLLED USING A FULLY LOADED TANDEM AXLE TRUCK OR FRONT END LOADER UNDER THE OBSERVATION OF A GEOTECHNICAL/PAVEMENT ENGINEER. LOOSE OR YIELDING AREAS THAT CANNOT BE MECHANICALLY STABILIZED SHOULD BE REINFORCED USING GEORIGIDS OR REMOVED AND REPLACED WITH ENGINEERED FILL OR AS DICTATED BY FIELD CONDITIONS.
 5. SUBGRADE UNDERCUTTING, INCLUDING BACKFILLING SHALL BE PERFORMED TO REPLACE MATERIALS SUSCEPTIBLE TO FROST HEAVING AND UNSTABLE SOIL CONDITIONS. ANY EXCAVATIONS THAT MAY BE REQUIRED BELOW THE TOPSOIL IN FILL SECTIONS OR BELOW SUBGRADE IN CUT SECTIONS, WILL BE CLASSIFIED AS SUBGRADE UNDERCUTTING.
 6. SUBGRADE UNDERCUTTING, INCLUDING BACKFILLING SHALL BE PERFORMED WHERE NECESSARY AND THE EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ANY SUBGRADE UNDERCUTTING SHALL BE BACKFILLED WITH SAND OR OTHER SIMILAR APPROVED MATERIAL. BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM UNIT WEIGHT (PER ASTM D-1557) UNLESS OTHERWISE SPECIFIED.
 7. BACKFILL UNDER PAVED AREAS SHALL BE AS SPECIFIED ON DETAILS.
 8. ANY SUB-GRADE WATERING REQUIRED TO ACHIEVE REQUIRED DENSITY SHALL BE CONSIDERED INCIDENTAL TO THE JOB.
 9. FINAL PAVEMENT ELEVATIONS SHOULD BE SO DESIGNED TO PROVIDE POSITIVE SURFACE DRAINAGE. A MINIMUM SURFACE SLOPE OF 1.0 PERCENT IS RECOMMENDED.
 10. CONSTRUCTION TRAFFIC SHOULD BE MINIMIZED ON THE NEW PAVEMENT. IF CONSTRUCTION TRAFFIC IS ANTICIPATED ON THE PAVEMENT STRUCTURE, THE INITIAL LIFT THICKNESS COULD BE INCREASED AND PLACEMENT OF THE FINAL LIFT COULD BE DELAYED UNTIL THE MAJORITY OF THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. THIS ACTION WILL ALLOW REPAIR OF LOCALIZED FAILURE, IF ANY DOES OCCUR, AS WELL AS REDUCE LOAD DAMAGE ON THE PAVEMENT SYSTEM.
 11. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF PONTIAC AND SPECIFICATIONS.
 12. SPOT ELEVATIONS INDICATE TOP OF PAVEMENT UNLESS OTHERWISE INDICATED:
TC = TOP OF CURB
BC = BOTTOM OF CURB
 13. REFER TO LANDSCAPE PLAN FOR LANDSCAPE TREATMENT AND PLACEMENT.
 14. MATCH EXISTING GRADES ALONG NORTH, EAST AND WEST PROPERTY LINES.

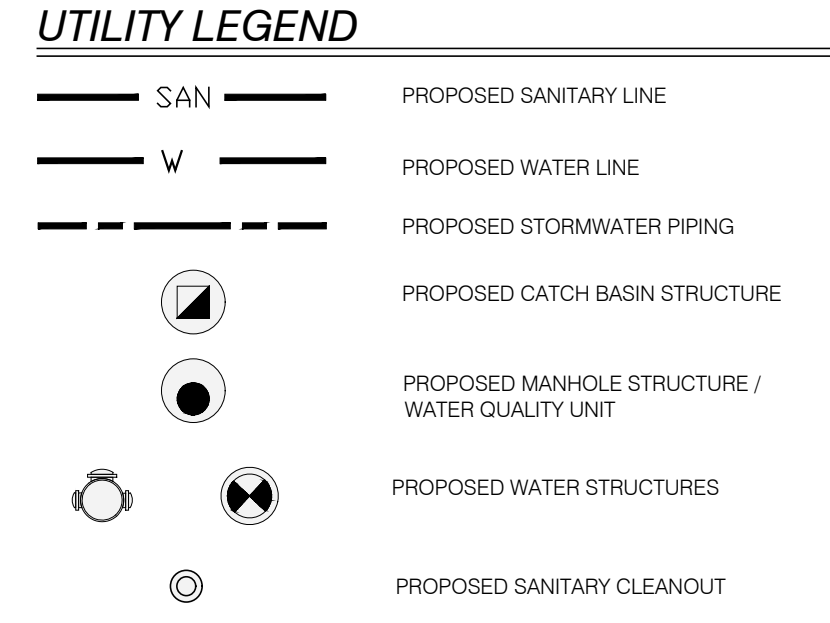
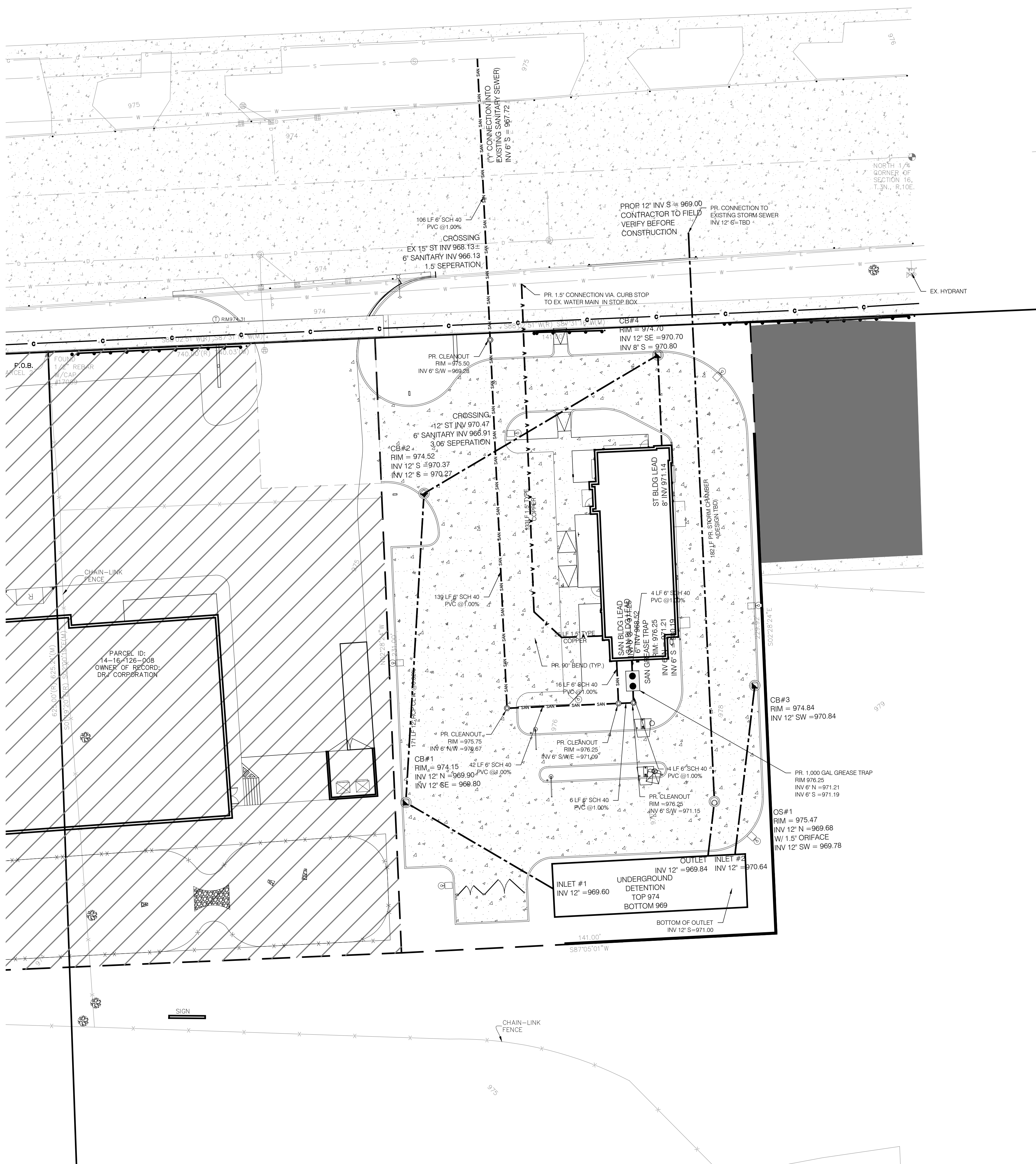


811
Know what's below.
Call before you dig.

GRADING PLAN
SCALE: 1" = 20'

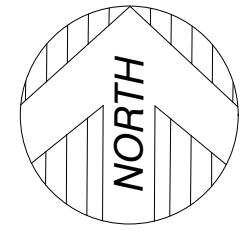
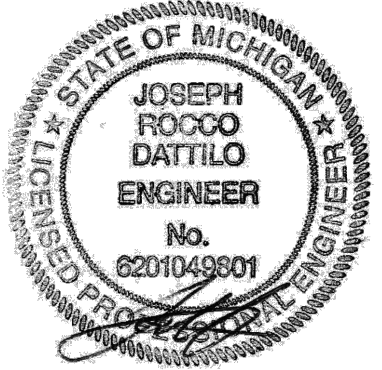
DATE	BY	DESCRIPTION
07/13/2022	GAE	SPA RESUBMITTAL
07/13/2022	GAE	ENGINEERING SUBMITTAL
04/11/2022	DM	ENGINEERING SUBMITTAL
04/08/2022	DM	ENGINEERING SUBMITTAL
11/08/2021	DM	ENGINEERING SUBMITTAL

SCALE: 1" = 20'
PROJECT NO: 22008



UTILITY NOTES

1. ALL CONSTRUCTION PROCEDURES AND MATERIALS SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF THE CITY OF PONTIAC. A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED BY THE CITY OF PONTIAC AND HELD PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR MUST CONTACT MISS DIG (811) AT LEAST THREE WORKING DAYS PRIOR TO THE START OF CONSTRUCTION FOR UNDERGROUND UTILITY LOCATIONS. ALL UTILITIES SHALL BE STAKED BEFORE CONSTRUCTION BEGINS.
3. ALL WATER MAIN EASEMENTS SHALL BE PROVIDED PRIOR TO CONSTRUCTION AND ACCEPTANCE OF THE WATER DISTRIBUTION SYSTEM.
4. WATER MAINS SHALL BE CONSTRUCTED WITH A MINIMUM COVER OF 6 FEET BELOW FINISHED GRADES, INCLUDING OPEN DRAINAGE COURSES.
5. ALL TRENCHES UNDER OR WITHIN A 1:1 RATIO OF EXISTING OR PROPOSED PAVEMENT OR DRIVEWAYS, SHALL BE BACKFILLED WITH COMPACTED CLASS II SAND TO GRADE (95% MAXIMUM UNIT DENSITY).
6. WHERE TWO UTILITIES CROSS, PROVIDE CLASS II BACKFILL MATERIAL IN SIX (6) INCH COMPACTED LAYERS TO TOP HIGHEST UTILITY.
7. WHERE WATER MAINS DIP UNDER OTHER UTILITIES, THE SECTIONS WHICH ARE DEEPER THAN NORMAL SHALL BE CONSTRUCTED WITH 11-1/4" VERTICAL BENDS, 22 1/2" OR 45" BENDS MUST BE RODDED AND PROPERLY ANCHORED.
8. ALL PRECAST CONCRETE GATE WELL SECTIONS SHALL BE IN ACCORDANCE WITH A.S.T.M. C478, STANDARD SPECIFICATIONS FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS. WALL THICKNESS SHALL BE AS SHOWN ON THESE DETAILS. ALL JOINTS FOR PRECAST CONCRETE GATE WELL SECTIONS SHALL BE "MODIFIED GROOVE TONGUE" WITH GASKET MANUFACTURED TO CONFORM WITH A.S.T.M. C443, STANDARD SPECIFICATION FOR JOINTS FOR CIRCULAR CONCRETE SEWER AND CULVERT PIPE USING RUBBER GASKETS.
9. CONTRACTOR SHALL INSTALL VALVES, TAPPING SLEEVES, AND GATE WELL STRUCTURES IN STRICT COMPLIANCE WITH MEASUREMENTS PROVIDED ON SHEET 1 (2'-0" BETWEEN GATE WELL WELL AND CENTERLINE OF OPERATING NUT) TO ALLOW PROPER OPERATION OF VALVE THROUGH GATE WELL OPENING.
10. ALL CROSS-CONNECTION CONTROL DEVICES SHALL BE INSTALLED AS REQUIRED BY THE PLYMOUTH TOWNSHIP PLUMBING INSPECTOR AND IN ACCORDANCE WITH THE STANDARDS OF THE OAKLAND COUNTY COUNTY DRAIN COMMISSIONER OPERATION AND MAINTENANCE DIVISION AND THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF DRINKING WATER AND RADIOLOGICAL PROTECTION.
11. ALL FITTINGS AND BENDS SHOULD BE BLOCKED IN ACCORDANCE WITH THRUST BLOCK DETAILS, UNLESS ALTERNATE THRUST RESTRAINT SYSTEM, AS INDICATED PLANS AND SPECIFICATIONS, IS APPROVED BY THE CITY OF PONTIAC DEPARTMENT OF PUBLIC SERVICES.



UTILITY PLAN
SCALE: 1" = 20'

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UTILITY PLAN
PREPARED FOR: GREAT LAKES TACO, LLC.
E WALTON BLVD, PONTIAC, MI 48340

NO.	DATE	BY	DESCRIPTION
1	07/13/2022	GAE	SPA RESUBMITTAL
2	04/11/2022	DM	ENGINEERING SUBMITTAL
3	07/13/2022	GAE	ENGINEERING SUBMITTAL

DATE	07/13/2022
SCALE	1" = 20'
PROJECT NO.	22008

C5.0