

CONSTRUCTION PLANS FOR
GLOBAL TRUCKING REPAIR, LLC

28176 ECORSE ROAD - ROMULUS, MICHIGAN
PARCEL ID # 80-004-02-0815-000

CITY OF ROMULUS
WAYNE COUNTY, MICHIGAN
SECTION 1, T-3-S, R-9-E

Engineering and Surveying Services, Inc.

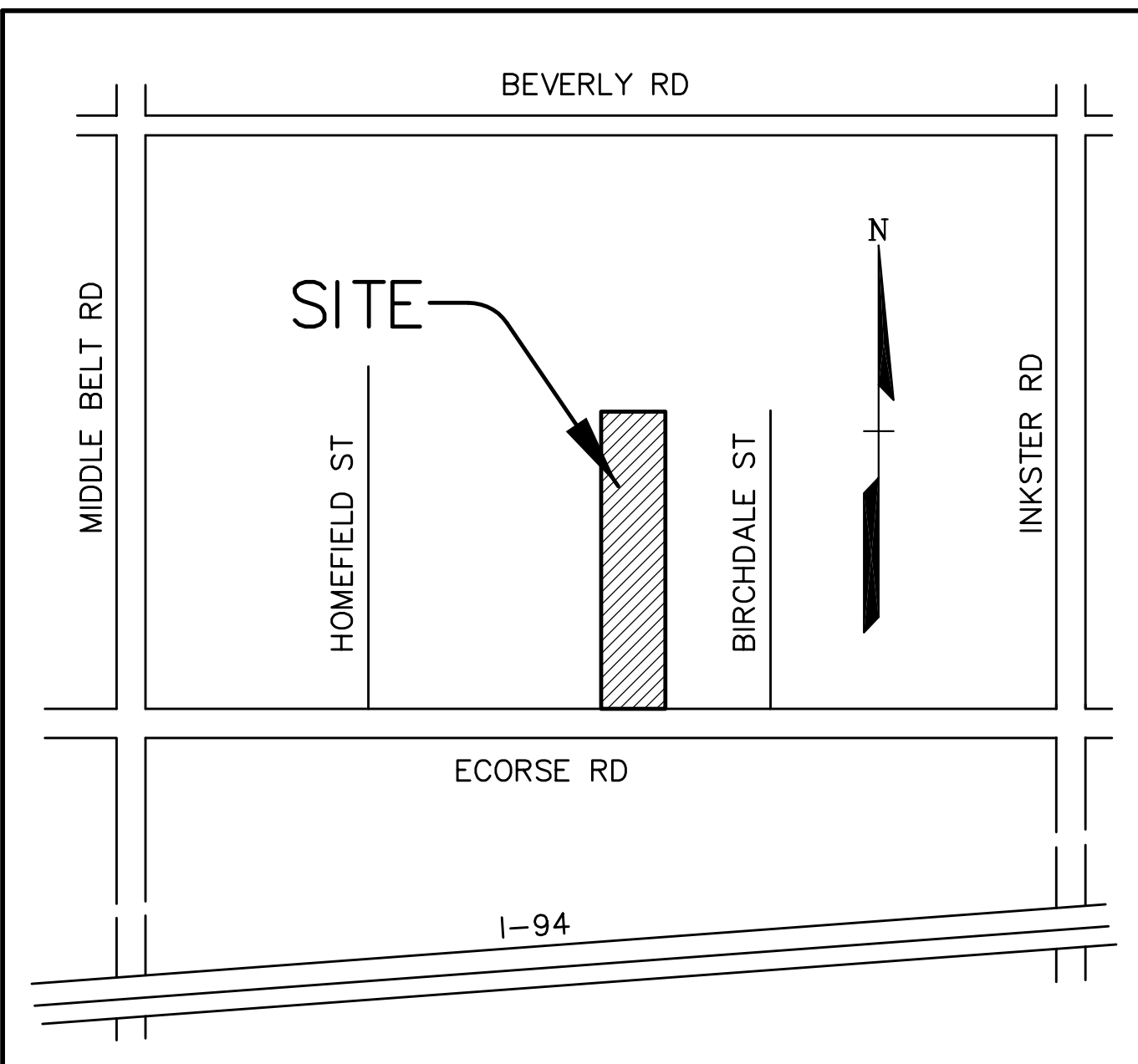
7741 Schaefer Road
Dearborn, Michigan 48126
Tel: (313) 945 5890 Fax: (313) 945 5891
mail@eccadd.com

STORM SEWER: (IN ECORSE RD. R.O.W.)	
12" DIRECTIONAL BORE HDPE	162 L.F.
12" R.C.P. C76 CL V	200 L.F.
12" R.C.P. C76 CL IV	151 L.F.
4' DIA. MANHOLE	2 EA.
4' DIA. CATCH BASIN	1 EA.

STORM SEWER: (ON-SITE)	
36" R.C.P. C76 CL IV	52 L.F.
6" P.V.C. (PERFORATED)	1,510 L.F.
4" P.V.C. SCH. 40	139 L.F.
2' DIA. INLET	13 EA.

SANITARY:	
6" P.V.C. SDR 23.5	95 L.F.
CLEANOUT	1 EA.

WATERMAIN:	
8" D.I. CL. 54 WM	596 L.F.
6" D.I. CL. 54 WM	93 L.F.
2" K-COPPER DOMESTIC WATER	8 L.F.
8"x8"x8" TSV IN WELL	1 EA.
8"x8"x6" TSV IN WELL	1 EA.
8" GATE VALVE IN WELL	2 EA.
2" SHUTOFF VALVE IN BOX	1 EA.
HYDRANT ASSEMBLY	3 EA.



LOCATION MAP
NO SCALE

LEGAL DESCRIPTION

LEGAL DESCRIPTION

LOT 815, PART OF "SUPERVISOR'S ROMULUS PLAT No. 13". PART OF THE S.E. 1/4 OF SECTION 1, T. 3 S., R. 9 E., CITY OF ROMULUS, WAYNE COUNTY, MICHIGAN, AS RECORDED IN LIBER 68, PAGE 59 WAYNE COUNTY RECORDS. DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 1; THENCE ALONG THE SOUTH LINE OF SAID SECTION 1, N 87° 54' 20" E 382.01'; THENCE N 00° 52' 50" W 60.01' TO A POINT ON THE NORTH 60' RIGHT-OF-WAY LINE OF ECORSE ROAD, ALSO BEING THE POINT OF BEGINNING; THENCE N 00° 52' 50" W 1263.55'; THENCE N 88° 00' 30" E 340.00'; THENCE S 00° 52' 50" E 1262.94'; THENCE S 87° 54' 20" W 340.01' TO THE POINT OF BEGINNING AND SUBJECT TO ALL MATTERS EASEMENTS OF RECORD. (9.858 ACRES)

PARCEL ID No. 80-004-02-0815-000

SHEET INDEX :

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C-0.1	SITE DIMENSION PLAN
C-1	GRADING AND PAVING PLAN
C-1A	RIGHT-OF-WAY IMPROVEMENTS
C-1B	RIGHT-OF-WAY DEMOLITION PLAN
C-2	UTILITY PLAN
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C-3	DRAINAGE AREA MAP / BIO-RETENTION DESIGN
C-3.1	STORM WATER MANAGEMENT SYSTEM (EXHIBITS A & B)
SE-1	SOIL EROSION & SEDIMENTATION CONTROL PLAN
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TR-1	TREE SURVEY
WD-1	WAYNE COUNTY DETAILS (1 OF 3)
WD-2	WAYNE COUNTY DETAILS (2 OF 3)
WD-3	WAYNE COUNTY DETAILS (3 OF 3)

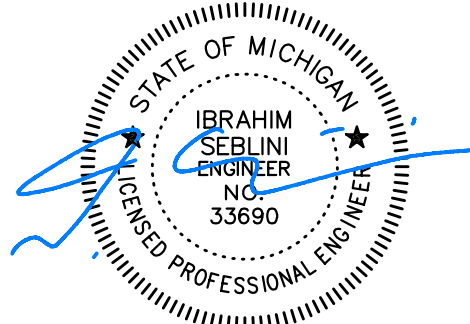
GENERAL NOTES :

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ROMULUS AND WAYNE COUNTY CURRENT STANDARDS AND SPECIFICATIONS
- THE CONTRACTOR SHALL CONTACT "MISS DIG" @ 647-6344, 72 HOURS IN ADVANCE OF CONSTRUCTION, FOR EXISTING UNDERGROUND UTILITY LOCATIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION, 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- FULL-TIME CONSTRUCTION REVIEW WILL BE REQUIRED DURING ALL PHASES OF CONSTRUCTION INCLUDING GRADING, PAVING, INSTALLATION OF SANITARY SEWER, STORM SEWERS, DRAINS, WATERMAINS AND APPURTENANCES, AND STREETS, WHERE APPLICABLE.
- ALL SOIL EROSION AND SILT MUST BE CONTROLLED AND CONTAINED ON-SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UNDERGROUND UTILITIES CAUSED BY HIS OPERATION.
- TRENCHES UNDER OR WITHIN 3 FEET OF EXISTING OR PROPOSED PAVEMENT, DRIVEWAYS AND/OR SIDEWALK SHALL BE BACKFILLED WITH APPROVED POROUS MATERIAL POWER-TAMPED IN 12" LAYERS, COMPACTED TO 95% DENSITY PER MODIFIED PROCTOR.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND/OR OBTAIN ANY INFORMATION NECESSARY REGARDING THE PRESENCE OF UNDERGROUND UTILITIES WHICH AFFECT THIS JOB.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AT PROPOSED CONNECTIONS AND WHERE PROPOSED UTILITIES ARE CROSSING EXISTING UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES TO PLAN DATUM.
- SLOPE SMOOTHLY BETWEEN INDICATED ELEVATIONS SO THAT ALL GRADED AREAS DRAIN TO POSITIVE OUTLETS AND NO STORM WATER IS RETAINED ON SITE.
- PRIOR TO CONSTRUCTION, A HARD AND SUFFICIENT ROADBED SHALL BE PROVIDED TO ACCOMMODATE ACCESS OF FIRE FIGHTING EQUIPMENT TO THE IMMEDIATE JOB SITE, AND MAINTAINED UNTIL ALL CONSTRUCTION IS COMPLETE.
- ALL ELEVATIONS ARE BASED ON N.G.V.D. 29 DATUM.

LEGEND

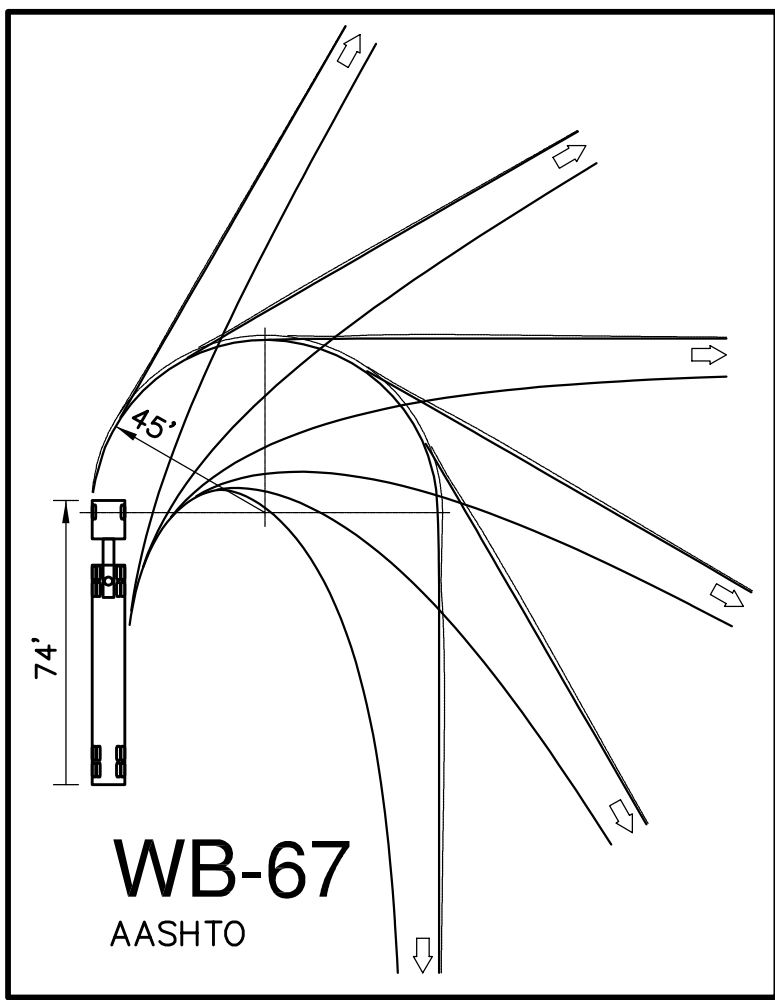
○ RECORDED IRON	● FOUND MONUMENT
● FOUND IRON	● SET MONUMENT
✕ SET IRON	○ R RECORDED
⊙ SET P.K. NAIL	○ M MEASURED
● FOUND P.K. NAIL	○ C CALCULATED
⊙ RECORDED MONUMENT	

EXISTING	PROPOSED
—○— ELECTRIC (OR TELEPHONE) O.H. LINE & POLE	—○— ELECTRIC (OR TELEPHONE) O.H. LINE & POLE
---M&T-U.G.--- TELEPHONE U.G. CABLE	---D.E.-U.G.--- TELEPHONE U.G. CABLE
---GAS--- GAS MAIN	---GAS--- GAS MAIN
---WATERMAIN, HYD., G.V.W., T.S.V. IN WELL	---WATERMAIN, HYD., G.V.W., T.S.V. IN WELL
---SANITARY SEWER & MANHOLE	---SANITARY SEWER & MANHOLE
---STORM SEWER & MANHOLE	---STORM SEWER & MANHOLE
---COMBINED SEWER & MANHOLE	---COMBINED SEWER & MANHOLE
---CATCH BASIN (W/2' SUMP)	---CATCH BASIN (W/2' SUMP)
---CURB INLET (W/2' SUMP)	---CURB INLET (W/2' SUMP)
671.35 POINT ELEVATION (at decimal point)	671.20 POINT ELEVATION (at decimal point)
671.00 AS BUILT ELEVATION	671.00 AS BUILT ELEVATION
670 CONTOUR LINE	671 CONTOUR LINE
---FENCE	---FENCE
---STREETLIGHT	---STREETLIGHT
---SIGN	---SIGN
---ASPHALT PAVEMENT	---ASPHALT PAVEMENT
---CONCRETE WALK, RAMP	---CONCRETE WALK, RAMP
---CONCRETE PAD, APPROACH, PAVEMENT, ETC.	---CONCRETE PAD, APPROACH, PAVEMENT, ETC.
---SAND BACKFILL	---SAND BACKFILL
---INLET/CATCH BASIN FILTER	---INLET/CATCH BASIN FILTER
---CONCRETE CURB & GUTTER	---CONCRETE CURB & GUTTER
---REVERSE CONCRETE CURB & GUTTER	---REVERSE CONCRETE CURB & GUTTER
---BOULDER WALL	---BOULDER WALL



(CITY OF ROMULUS ENGINEERING) 03-06-2024
REVISED 12-05-2023
(WCDC REVIEW #3) REVISED 09-14-2023
REVISED 08-07-2023
REVISED 03-24-2023
REVISED 11-10-2022
06-01-2022

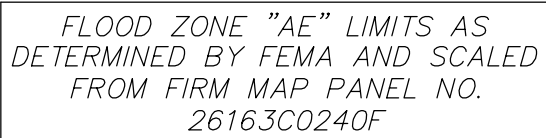
C-0 TITLE SHEET
JOB No. 20006



● RECORDED IRON	● FOUND MONUMENT
● FOUND IRON	● SET MONUMENT
✕ SET IRON	R RECORDED
✕ SET P.K. NAIL	M MEASURED
● FOUND P.K. NAIL	C CALCULATED
⊙ RECORDED MONUMENT	

EXISTING		PROPOSED
	ELECTRIC (OR TELEPHONE) O.H. LINE & POLE	
	TELEPHONE U.G. CABLE	
	ELECTRIC U.G. CABLE	
	GAS MAIN	
	WATERMAIN, HYD., G.V.W., T.S.V. IN WELL	
	SANITARY SEWER & MANHOLE	
	STORM SEWER & MANHOLE	
	COMBINED SEWER & MANHOLE	
	CATCH BASIN (W/2' SUMP)	
	CURB INLET (W/2' SUMP)	
	POINT ELEVATION (at decimal point)	
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	CONTOUR LINE	
	FENCE	
	STREETLIGHT	
	SIGN	
	ASPHALT PAVEMENT	
	CONCRETE WALK, RAMP	
	CONCRETE PAD, APPROACH, PAVEMENT, ETC.	
	SAND BACKFILL	
	INLET/CATCH BASIN FILTER	
	CONCRETE CURB & GUTTER	
	REVERSE CONCRETE CURB & GUTTER	

TR 19	● DIA. INLET
IM 62.00	● INLET



FOR EXISTING AND PROPOSED
FENCING SEE ARCH. PLANS

CONSTRUCT THE PROPOSED SIDEWALK WITHIN THE DRIVE APPROACH LIMITS (5' MINIMUM FROM THE BACK OF THE CURB IN FULL FLAG) WITH 2% MAXIMUM TRANSVERSE SLOPE TOWARD THE ROAD WITH 8" NON-REINFORCED CONCRETE PER WAYNE COUNTY DETAIL RS-5. OR AS DIRECTED BY THE COUNTY ENGINEER.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT STANDARDS, SPECIFICATIONS, AND GENERAL CONDITIONS OF THE CITY OF ROMULUS AND WAYNE COUNTY.

GRAPHICAL SCALE

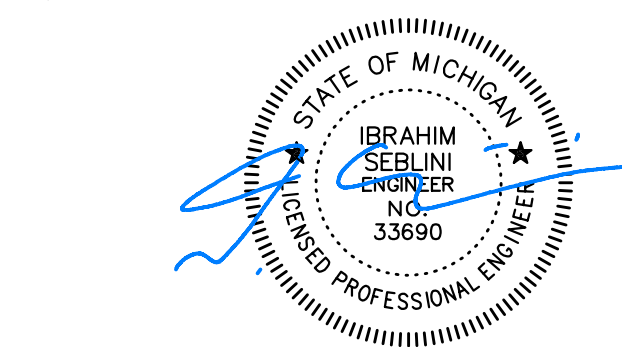
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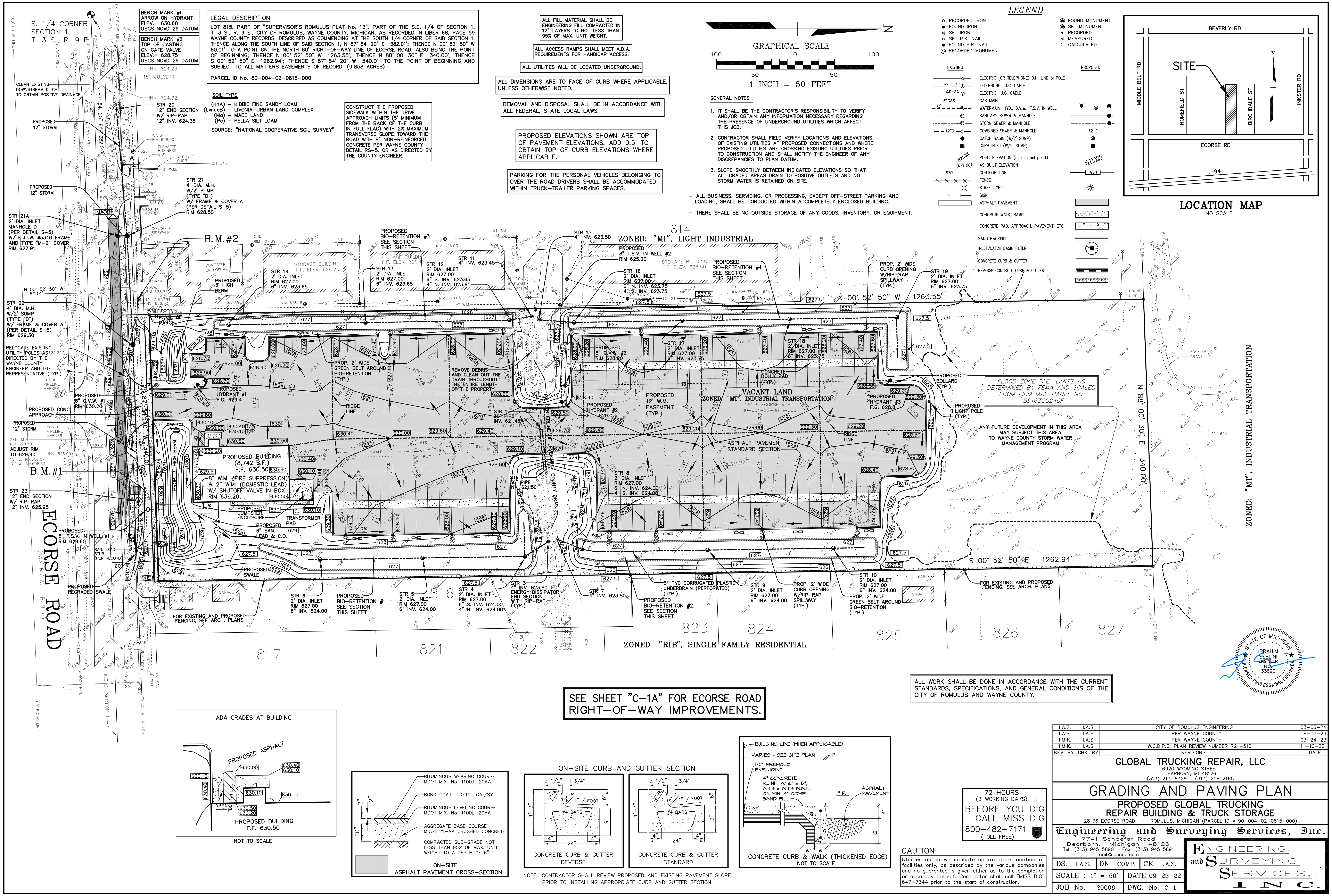
50 50

1 INCH = 50 FEET

CAUTION:
Utilities as shown indicate approximate location of facilities only, as described by the various companies and no guarantee is given either as to the completion or accuracy thereof. Contractor shall call "MISS DIG" 647-7344 prior to the start of construction.

GLOBAL TRUCKING REPAIR, LLC 6920 WYOMING STREET DEARBORN, MI 48126 (313) 213-6326 (313) 208 2165		
SITE DIMENSION PLAN		
PROPOSED GLOBAL TRUCKING REPAIR BUILDING & TRUCK STORAGE 28176 ECORSE ROAD - ROMULUS, MICHIGAN (PARCEL ID # 90-004-02-0815-000)		
Engineering and Surveying Services, Inc. 7741 Schaefer Road Dearborn, Michigan 48126 Tel: (313) 945 5890 Fax: (313) 945 5891 mail@ecsdcd.com		
DS: I.A.S.	DN: COMP.	CK: I.A.S.
SCALE : 1" = 50'		
JOB NO. 200006	DATE 06-01-22	
JOB NO. C-0.1		





LEGAL DESCRIPTION
LOT 815, PART OF "SUPERVISOR'S ROMULUS PLAT No. 13", PART OF THE S.E. 1/4 OF SECTION 1, T. 3 S., R. 9 E., CITY OF ROMULUS, WAYNE COUNTY, MICHIGAN, AS RECORDED IN LIBER 68, PAGE 59 WAYNE COUNTY RECORDS, DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 1; THENCE ALONG THE SOUTH LINE OF SAID SECTION 1, N 87° 54' 20" E 382.01'; THENCE N 00° 52' 50" W 60.01' TO A POINT ON THE NORTH 60' RIGHT-OF-WAY LINE OF ECORSE ROAD, ALSO BEING THE POINT OF BEGINNING; THENCE N 00° 52' 50" W 1263.55'; THENCE N 88° 00' 30" E 340.00'; THENCE S 00° 52' 50" E 1262.94'; THENCE S 87° 54' 20" W 340.01' TO THE POINT OF BEGINNING AND SUBJECT TO ALL MATTERS EASEMENTS OF RECORD, (9.858 ACRES)
PARCEL ID No. 80-004-02-0815-000

SOIL TYPE:
(Ks) - KIBBIE FINE SANDY LOAM
(Lnu) - LIVONIA-URBAN LAND COMPLEX
(M) - MADE LAND
(P) - PELLA SILT LOAM
SOURCE: "NATIONAL COOPERATIVE SOIL SURVEY"

CONSTRUCT THE PROPOSED SIDEWALK WITHIN THE DRIVE APPROACH LIMITS (5' MINIMUM FROM THE BACK OF THE CURB IN FULL FLAG) WITH 2% MAXIMUM TRANSVERSE SLOPE TOWARD THE ROAD WITH 8" NON-REINFORCED CONCRETE PER WAYNE COUNTY DETAIL RS-5, OR AS DIRECTED BY THE COUNTY ENGINEER.

REMOVAL AND DISPOSAL SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE LOCAL LAWS.

PROPOSED ELEVATIONS SHOWN ARE TOP OF PAVEMENT ELEVATIONS. ADD 0.5' TO OBTAIN TOP OF CURB ELEVATIONS WHERE APPLICABLE.

PARKING FOR THE PERSONAL VEHICLES BELONGING TO OVER THE ROAD DRIVERS SHALL BE ACCOMMODATED WITHIN TRUCK-TRAILER PARKING SPACES.

ALL FILL MATERIAL SHALL BE ENGINEERING FILL COMPACTED IN 12" LAYERS TO NOT LESS THAN 95% OF MAX. UNIT WEIGHT.

ALL ACCESS RAMPS SHALL MEET A.D.A. REQUIREMENTS FOR HANDICAP ACCESS.

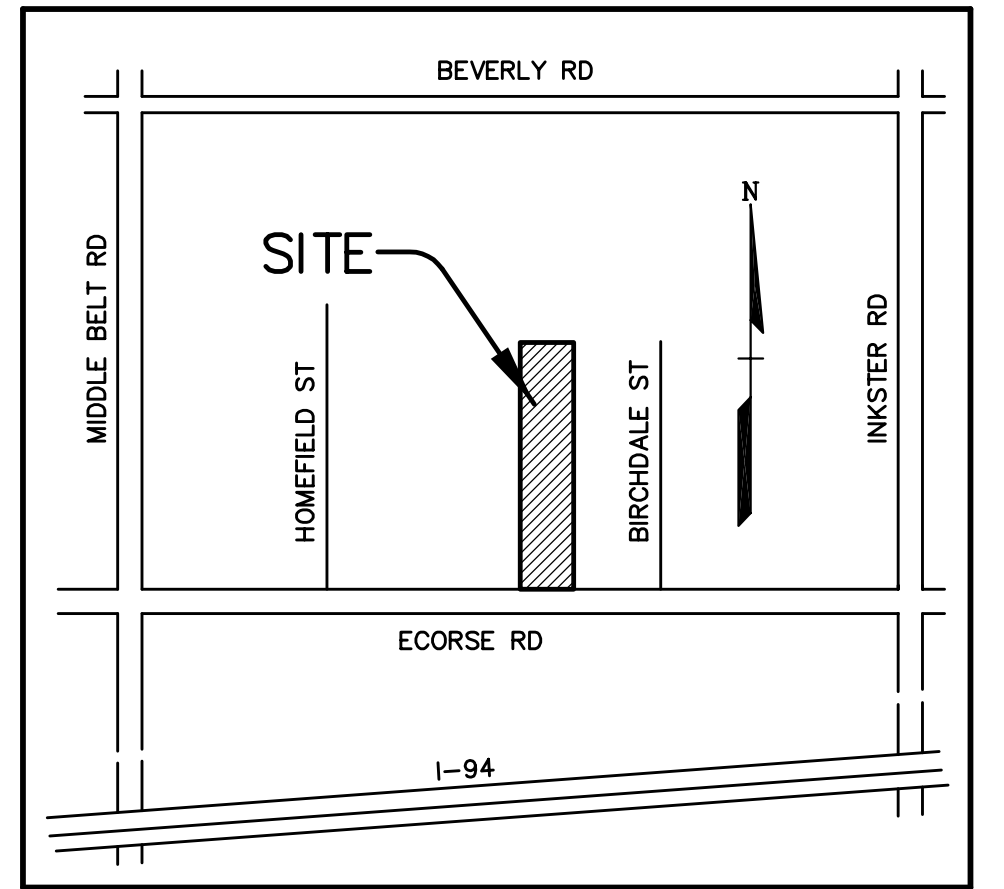
ALL UTILITIES WILL BE LOCATED UNDERGROUND.

ALL BUSINESS, SERVICING, OR PROCESSING, EXCEPT OFF-STREET PARKING AND LOADING, SHALL BE CONDUCTED WITHIN A COMPLETELY ENCLOSED BUILDING.
THERE SHALL BE NO OUTSIDE STORAGE OF ANY GOODS, INVENTORY, OR EQUIPMENT.

GENERAL NOTES:

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- CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AT PROPOSED CONNECTIONS AND WHERE PROPOSED UTILITIES ARE CROSSING EXISTING UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES TO PLAN DATUM.
- SLOPE SMOOTHLY BETWEEN INDICATED ELEVATIONS SO THAT ALL GRADED AREAS DRAIN TO POSITIVE OUTLETS AND NO STORM WATER IS RETAINED ON SITE.

- LEGEND**
- EXISTING**
- RECORDED IRON
 - FOUND IRON
 - SET IRON
 - SET P.K. NAIL
 - FOUND P.K. NAIL
 - RECORDED MONUMENT
- PROPOSED**
- ELECTRIC (OR TELEPHONE) O.H. LINE & POLE
 - TELEPHONE U.G. CABLE
 - ELECTRIC U.G. CABLE
 - GAS MAIN
 - WATERMAIN, HYD., G.V.W., T.S.V. IN WELL
 - SANITARY SEWER & MANHOLE
 - STORM SEWER & MANHOLE
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 - REVERSE CONCRETE CURB & GUTTER
- FOUND MONUMENT**
- SET MONUMENT
 - RECORDED
 - MEASURED
 - CALCULATED



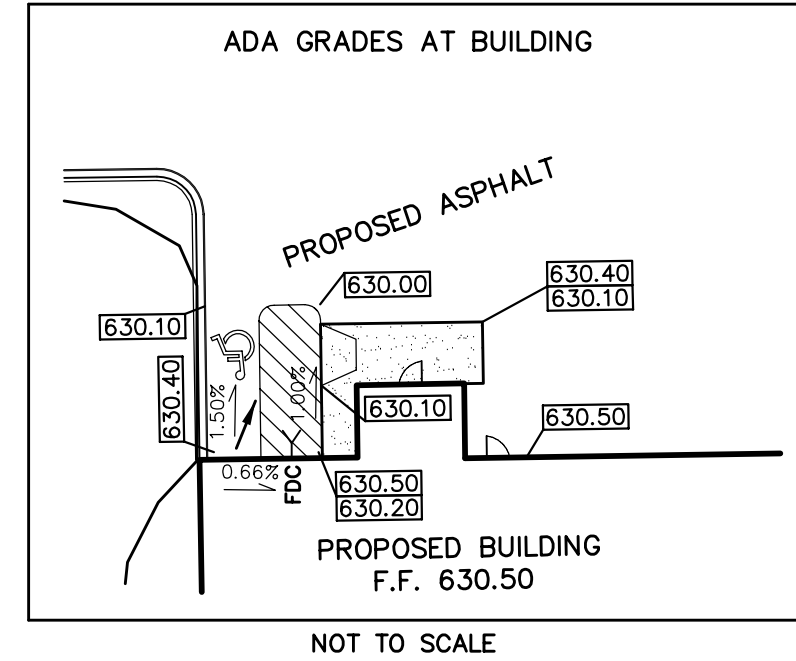
LOCATION MAP
NO SCALE

ZONED: "MT", INDUSTRIAL TRANSPORTATION

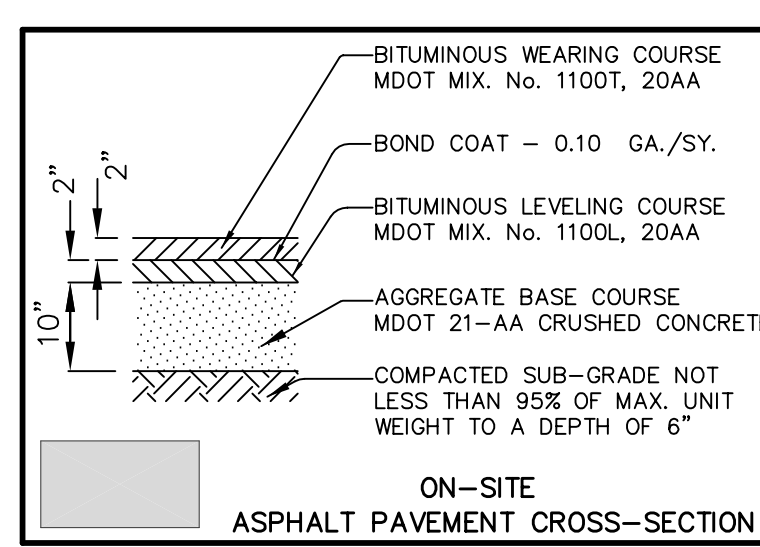
ZONED: "R1B", SINGLE FAMILY RESIDENTIAL

SEE SHEET "C-1A" FOR ECORSE ROAD RIGHT-OF-WAY IMPROVEMENTS.

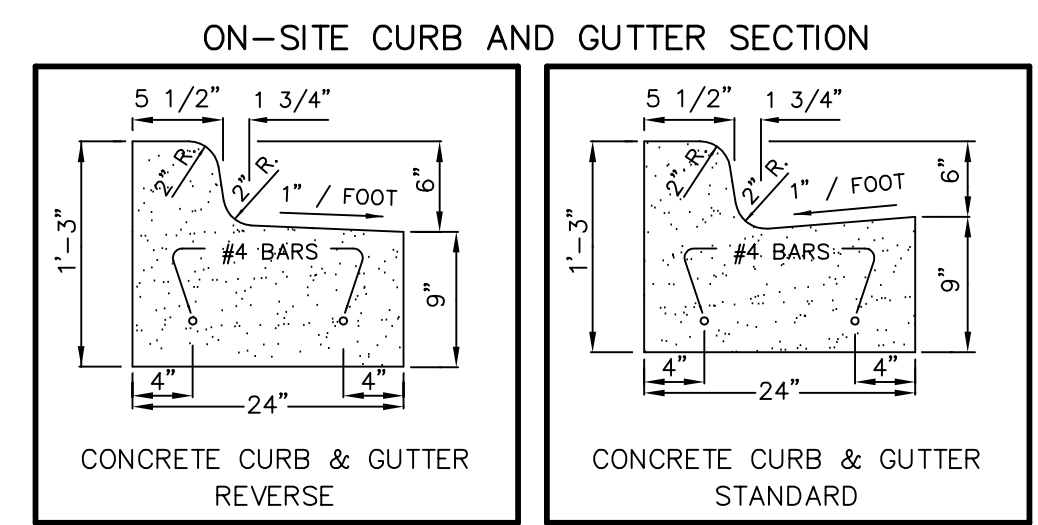
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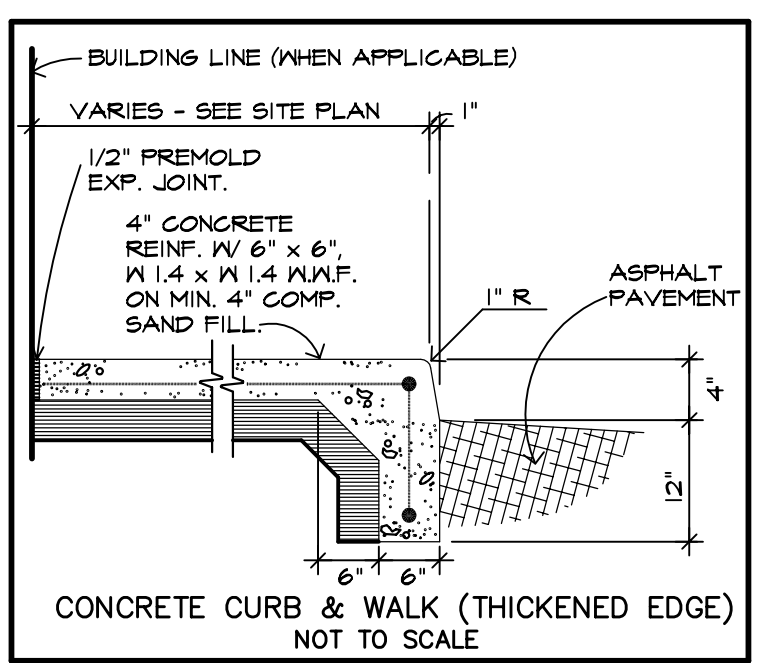
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ON-SITE ASPHALT PAVEMENT CROSS-SECTION



NOTE: CONTRACTOR SHALL REVIEW PROPOSED AND EXISTING PAVEMENT SLOPE PRIOR TO INSTALLING APPROPRIATE CURB AND GUTTER SECTION.



NOT TO SCALE

72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

CAUTION:
Utilities as shown indicate approximate location of facilities only, as described by the various companies and no guarantee is given either as to the completion or accuracy thereof. Contractor shall call "MISS DIG" 647-7344 prior to the start of construction.

I.A.S.	I.A.S.	CITY OF ROMULUS ENGINEERING	03-06-24
I.A.S.	I.A.S.	PER WAYNE COUNTY	08-07-23
I.M.K.	I.A.S.	PER WAYNE COUNTY	03-24-23
I.M.K.	I.A.S.	W.C.D.P.S. PLAN REVIEW NUMBER R21-516	11-10-22
REV. BY	CHK. BY	REVISIONS	DATE

GLOBAL TRUCKING REPAIR, LLC
6920 WYOMING STREET
DEARBORN, MI 48126
(313) 213-6326 (313) 208 2165

GRADING AND PAVING PLAN
PROPOSED GLOBAL TRUCKING REPAIR BUILDING & TRUCK STORAGE
28176 ECORSE ROAD - ROMULUS, MICHIGAN (PARCEL ID # 90-004-02-0815-000)

Engineering and Surveying Services, Inc.
7741 Schaefer Road
Dearborn, Michigan 48126
Tel: (313) 945 5890 Fax: (313) 945 5891
mail@ecood.com

ENGINEERING and SURVEYING SERVICES, INC.

DS: I.A.S.	DN: COMP.	CK: I.A.S.
SCALE: 1" = 50'	DATE: 09-23-22	
JOB No. 20006	DWG. No. C-1	

WAYNE COUNTY NOTES

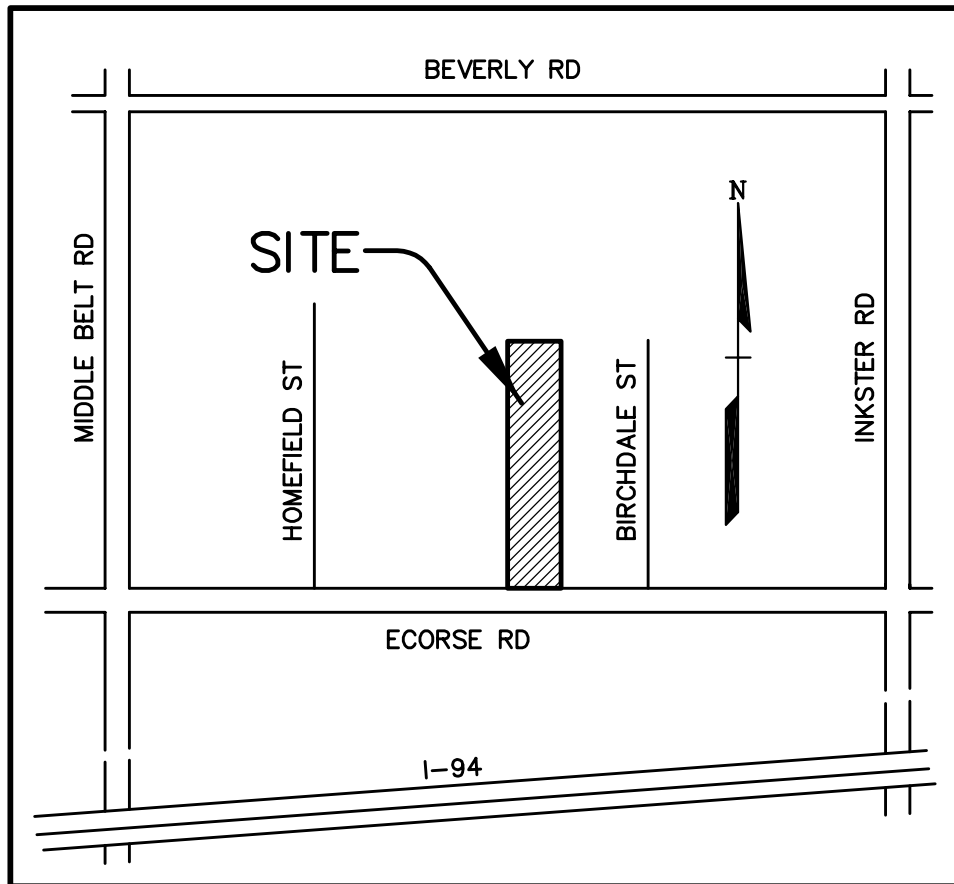
- A. ALL WORK WITHIN WAYNE COUNTY ROAD RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND GENERAL SPECIFICATIONS, INCLUDING SOIL EROSION AND SEDIMENTATION CONTROL OF THE WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES, AND MDOT 2012 SPECIFICATIONS FOR CONSTRUCTION.
- B. THESE PLANS ARE NOT VALID WITHOUT ATTACHMENT OF THE WAYNE COUNTY PERMIT SPECIFICATIONS FOR CONSTRUCTION WITHIN ROAD RIGHT-OF-WAY, PARKS, DRAIN EASEMENTS OR SANITARY SEWER EASEMENTS UNDER THE JURISDICTION OF WAYNE COUNTY (07/01/93) REVISED 12/15/2004.
- C. RESTORE ALL DISTURBED AREAS WITHIN THE COUNTY ROAD RIGHT-OF-WAY WITH EITHER SEED MIX THM AND MULCH OVER 3" TOP SOIL OR SOD OVER 2" OF TOPSOIL.
- D. TRAFFIC SHALL BE MAINTAINED IN BOTH DIRECTIONS AT ALL TIMES, SIGNING, BARRICADES, ETC. SHALL BE IN CONFORMANCE WITH MICHIGAN'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- E. CONTRACTOR SHALL NOTIFY WAYNE COUNTY THREE (3) BUSINESS DAYS (MINIMUM) PRIOR TO START OF CONSTRUCTION. CONTACT WAYNE COUNTY PERMIT OFFICE AT (734) 858-2764.
- F. CONTRACTOR SHALL CONTACT MISS DIG AT 811 TO IDENTIFY AND FLAG / MARK THE LOCATIONS OF ALL UNDERGROUND UTILITIES AT THE PROPOSED CONSTRUCTION AREAS PRIOR TO START OF CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES, AND RESOLVE ANY CONFLICT BETWEEN THE PROPOSED WORK AND THE EXISTING UNDERGROUND OR ABOVEGROUND UTILITIES.
- G. ALL SURVEY MONUMENTS / CORNERS AND BENCH MARKS LOCATED WITHIN THE CONSTRUCTION AREA MUST BE PRESERVED IN ACCORDANCE WITH PUBLIC ACT 74 AS AMENDED (INCLUDING ACT 34, P.A. 2000) AND AS PER WAYNE COUNTY PERMIT RULE 1.5. THE PERMIT HOLDER AND CONTRACTOR SHALL COORDINATE THE WORK WITH A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF MICHIGAN DURING CONSTRUCTION ACTIVITIES FOR THE PURPOSE OF WITNESSING, PRESERVING OR REPLACING SURVEY MONUMENTS AND MONUMENT BOXES.
- H. BACKFILL THE TRENCH PER SEWER TRENCH "A" OR "B" IN THE WAYNE COUNTY DETAIL S-12 OR AS DIRECTED BY THE COUNTY ENGINEER.
- I. ALL ROADS, TREES, AND DRIVEWAYS TO BE BORED PER WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICE REQUIREMENTS.
- J. TUNNELING, BORING AND JACKING OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE WAYNE COUNTY SPECIFICATIONS/ ATTACHMENT AND/OR AS DIRECTED BY THE COUNTY ENGINEER.
- K. PLACE BORE PITS AT LEAST 10- FEET FROM THE EDGE OF PAVEMENT PER WAYNE COUNTY SPECIFICATIONS.
- L. CONSTRUCTION SHALL BE DONE BETWEEN 9:00A.M. AND 3:00 P.M. IF YOU PLAN TO OBSTRUCT OR CLOSE ANY LANE ON A MAIN THOROUGHFARE.
- M. RESTORE RIGHT-OF-WAY AS DIRECTED BY THE WAYNE COUNTY ENGINEER.

- N. RESTORE DITCH TO ORIGINAL CONDITION OR AS DIRECTED BY THE WAYNE COUNTY ENGINEER.
- O. THE MINIMUM 36-INCH HORIZONTAL, AND MINIMUM 18-INCH VERTICAL CLEARANCE ARE REQUIRED, BETWEEN THE UTILITIES AS PER THE WAYNE COUNTY STANDARDS. MUST BE MAINTAINED. MINIMUM 6- FEET UNDER THE COUNTY DRAINS.
- P. THE DEPTH OF THE INSTALLATION SHALL BE A MINIMUM OF (4') FEET BELOW THE GROUND (FROM THE LOWEST ELEVATION ALONG THE CENTERLINE OF THE PROPOSED UTILITY) AND A MINIMUM OF (2') FEET UNDER THE PAVEMENT MEASURED FROM THE LOWEST CUTTER LINE OR EDGE OF PAVEMENT ELEVATION PER THE COUNTY SPECIFICATIONS, ATTACHMENT, AND/OR AS DIRECTED BY THE COUNTY ENGINEER.
- Q. CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING ANY CONFLICT BETWEEN THE PROPOSED UTILITIES AND THE EXISTING UTILITIES AND TO KEEP THE SUFFICIENT CLEARANCE BETWEEN THE UTILITIES AS REQUIRED BY THE SPECIFICATIONS/ORDINANCE/REGULATIONS AND THE LAWS. REVISED 7/1/2006.
- R. REPLACE SIDEWALK AS DIRECTED BY THE WAYNE COUNTY ENGINEERING AND/OR SPECIFICATIONS AND AS DIRECTED BY THE COUNTY ENGINEER. REPLACE ADA RAMPS PER MDOT STANDARDS R-28-H REQUIREMENT AND AS DIRECTED BY THE WAYNE COUNTY ENGINEER.
- S. ALL ABANDONED MAINS AND VAULTS WILL BE REMOVED.
- T. REPAIR DAMAGED UNDERDRAIN PER WAYNE COUNTY DETAIL S-14 AND AS DIRECTED BY THE COUNTY ENGINEER.
- U. IF CONCRETE CURB IS DISTURBED THEN SAW-CUT FULL DEPTH TO REMOVE EXISTING CONCRETE CURB, AND ROADWAY PAVEMENT TO LIMITS AS DIRECTED BY THE COUNTY ENGINEER.
- V. ROADWAY PAVEMENT RECONSTRUCTION SHALL BE 1 1/2" MIN. WAYNE COUNTY HMA TOP (F) OVER 10-INCH MINIMUM OF NON-REINFORCED CONCRETE PAVEMENT ON 9-INCH MINIMUM OF 21AA AGGREGATE BASE COMPACTED IN PLACE TO A MINIMUM OF 95% DENSITY OF MAXIMUM UNIT WEIGHT AS DIRECTED BY THE COUNTY ENGINEER.
- W. THE NEW PAVEMENT TO EXISTING PAVEMENT WITH 18-INCH LONG NO. 5 EPOXY COATED REBAR AT 18-INCH O.C. AS DIRECTED BY THE COUNTY ENGINEER.
- X. ALL UTILITIES, INCLUDING DRAINAGE FACILITIES, SHALL BE LOCATED PRIOR TO EXCAVATION IN THE COUNTY RIGHT-OF-WAY. SOME UTILITIES ARE NOT LOCATED THROUGH THE MISS DIG SYSTEM.
- Y. NO PARKING, STORAGE OF MATERIAL OR EQUIPMENT WILL BE ALLOWED WITHIN THE WAYNE COUNTY RIGHT-OF-WAY.
- Z. A SAFE AND ADEQUATE TRAVEL ROUTE FOR PEDESTRIANS SHALL BE MAINTAINED AT ALL TIMES. PEDESTRIANS SHALL NOT BE DETOURED IN THE EXISTING ROADWAY.
- AA. THE CONTRACTOR SHALL NOTIFY THE WAYNE COUNTY TRAFFIC SIGNAL SHOP AT (734) 955-3277 THREE (3) WORKING DAYS PRIOR TO STARTING ANY WORK (SIGNAL WORK, CONDUIT WORK, OR ANY EXCAVATION) WITHIN THE VICINITY OF ANY TRAFFIC SIGNAL FACILITIES.

WAYNE COUNTY ROAD R.O.W. IMPROVEMENTS SHALL BE PER "WAYNE COUNTY RULES, SPECIFICATIONS AND PROCEDURES FOR CONSTRUCTION PERMITS"

THE FOLLOWING ITEMS ARE APPLICABLE IN THIS PROJECT:

- CONSTRUCT ALL PAVEMENT JOINTS PER WAYNE COUNTY DETAIL RS-02 OR AS DIRECTED BY THE COUNTY ENGINEER. (SEE SHEET WD-2).
- EXPANSION JOINTS TO BE PER DETAIL D-06 (SEE SHEET WD-1)
- DITCH CLEANOUT SHALL BE AS DESCRIBED IN RULE 4.24. (SEE DETAIL M-2 ON SHEET WD-1), ALSO POSITIVE DRAINAGE AND RESTORATION SHALL BE AS DESCRIBED IN SECTION 6.
- CURBS IN THE COUNTY RIGHT-OF-WAY SHALL BE PER DETAIL RS-03 (SEE SHEET WD-1)
- THE PROPOSED PAVEMENT TAPERS SHALL BE CONSTRUCTED PER WAYNE COUNTY STANDARD P-2 (SEE SHEET WD-1). USE 10" NON-REINFORCED CONCRETE AND 2" HMA (5EMH).
- THE PROPOSED PAVEMENT WIDENING SHALL BE CONSTRUCTED WITH 10" NON-REINFORCED CONCRETE AND 2" HMA (5EMH).
- MAINTAIN TRAFFIC DURING CONSTRUCTION AS DESCRIBED IN SECTION 7.
- SEE NOTE "C" OF THE WAYNE COUNTY NOTES (THIS SHEET) FOR RESTORATION OF ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY AS PER 6.12.2.
- ALL PLANTINGS WITHIN THE CLEAR VISION TRIANGLE MUST BE TRIMMED TO MAINTAIN A HEIGHT OF NO MORE THAN 2'5" AND TREES TRIMMED SUCH THAT NO BRANCHED EXTEND BELOW 7', MEASURED FROM THE PAVED SURFACE.
- PURSUANT TO PERMIT MANUAL RULE 2.7.11: "THE APPLICANT AND THE PERMIT HOLDER SHALL BE RESPONSIBLE OF OBTAINING AND SHALL SECURE ANY PERMITS OR PERMISSION NECESSARY OR REQUIRED BY LAW FROM STATE, FEDERAL OR OTHER LOCAL GOVERNMENT AGENCIES AND JURISDICTIONS, CORPORATIONS OR INDIVIDUALS. ...ISSUANCE OF A WAYNE COUNTY PERMIT DOES NOT AUTHORIZE ACTIVITIES OTHERWISE REGULATED BY STATE, FEDERAL OR LOCAL AGENCIES."
- ALL PLANTINGS WITHIN THE CLEAR VISION TRIANGLE MUST BE TRIMMED TO MAINTAIN A HEIGHT OF NO MORE THAN 2'5" AND TREES TRIMMED SUCH THAT NO BRANCHED EXTEND BELOW 7', MEASURED FROM THE PAVED SURFACE.

LOCATION MAP
NO SCALE

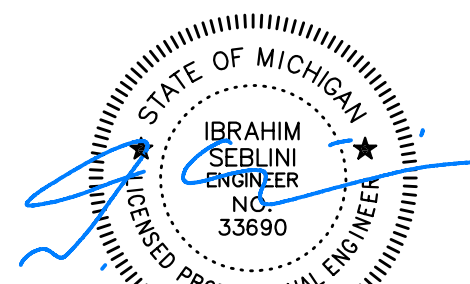
LEGEND

- RECORDED IRON
- FOUND IRON
- SET IRON
- SET P.K. NAIL
- FOUND P.K. NAIL
- RECORDED MONUMENT
- FOUND MONUMENT
- SET MONUMENT
- R RECORDED
- M MEASURED
- C CALCULATED

- | EXISTING | PROPOSED |
|----------|--|
| W&T-UG | ELECTRIC (OR TELEPHONE) O.H. LINE & POLE |
| OE-UG | TELEPHONE U.G. CABLE |
| 6" GAS | ELECTRIC U.G. CABLE |
| 15" SAN. | GAS MAIN |
| 4" GAS | WATERMAIN, HYD., G.V.W., T.S.V. IN WELL |
| 12" C | SANITARY SEWER & MANHOLE |
| 12" C | STORM SEWER & MANHOLE |
| 12" C | COMBINED SEWER & MANHOLE |
| 12" C | CATCH BASIN (W/2' SUMP) |
| 12" C | CURB INLET (W/2' SUMP) |
| 12" C | POINT ELEVATION (at decimal point) |
| 12" C | AS BUILT ELEVATION |
| 12" C | CONTOUR LINE |
| 12" C | FENCE |
| 12" C | STREETLIGHT |
| 12" C | SIGN |
| 12" C | ASPHALT PAVEMENT |
| 12" C | CONCRETE WALK, RAMP |
| 12" C | CONCRETE PAD, APPROACH, PAVEMENT, ETC. |
| 12" C | SAND BACKFILL |
| 12" C | INLET/CATCH BASIN FILTER |
| 12" C | CONCRETE CURB & GUTTER |
| 12" C | REVERSE CONCRETE CURB & GUTTER |
| 12" C | BOULDER WALL |

REMOVE AND/OR RELOCATE SIGNS, UTILITY POLES, GUY WIRES AND ANY OTHER ITEMS LOCATED IN THE AREA OF PROPOSED IMPROVEMENTS. COORDINATE WITH THE OWNER AND ANY OTHER AGENCY THAT MAY HAVE JURISDICTION.

REMOVAL AND DISPOSAL SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS.

SEE SHEET C-2A
FOR STORM PROFILEECORSE ROAD
(133' R.O.W. - PUBLIC)

ALL UTILITIES WILL BE LOCATED UNDERGROUND.

ALL DIMENSIONS ARE TO FACE OF CURB WHERE APPLICABLE.

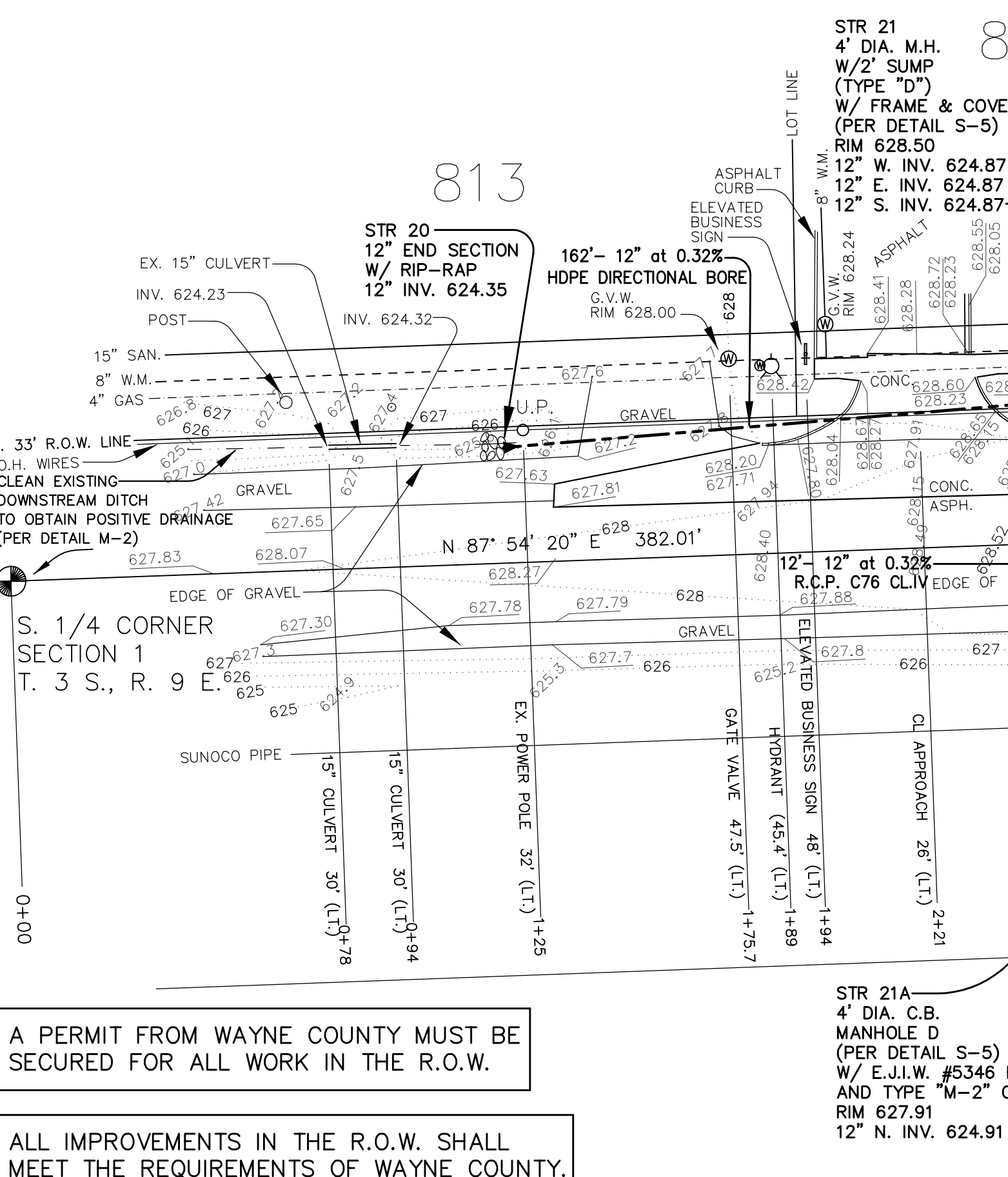
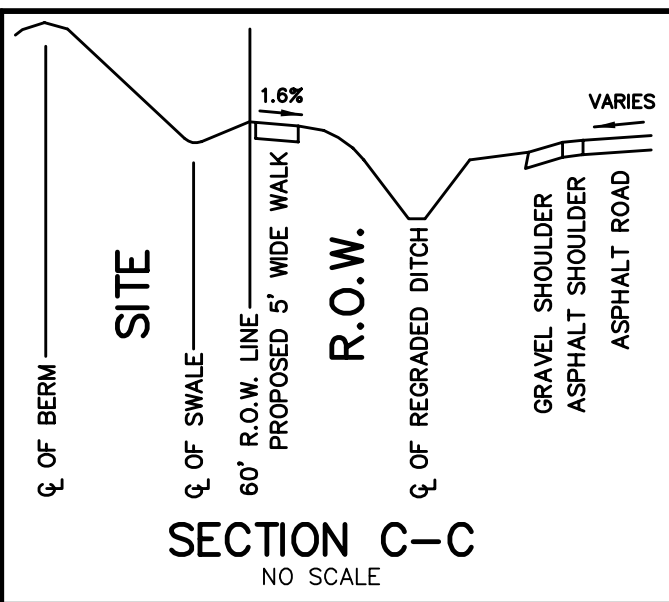
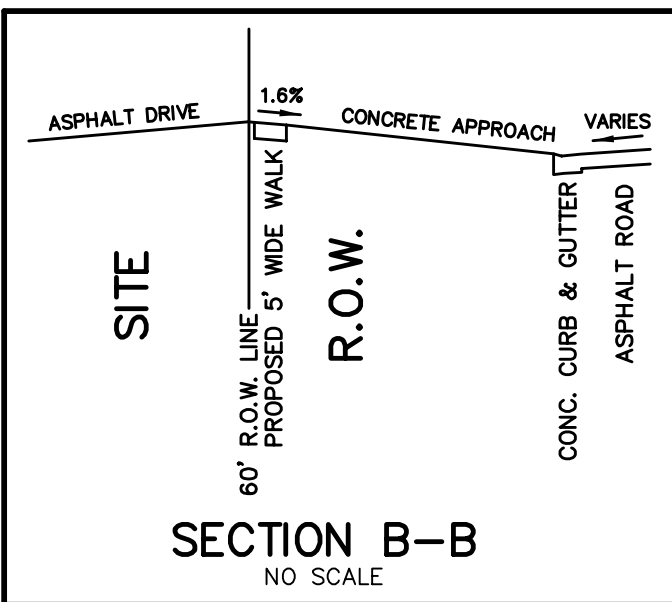
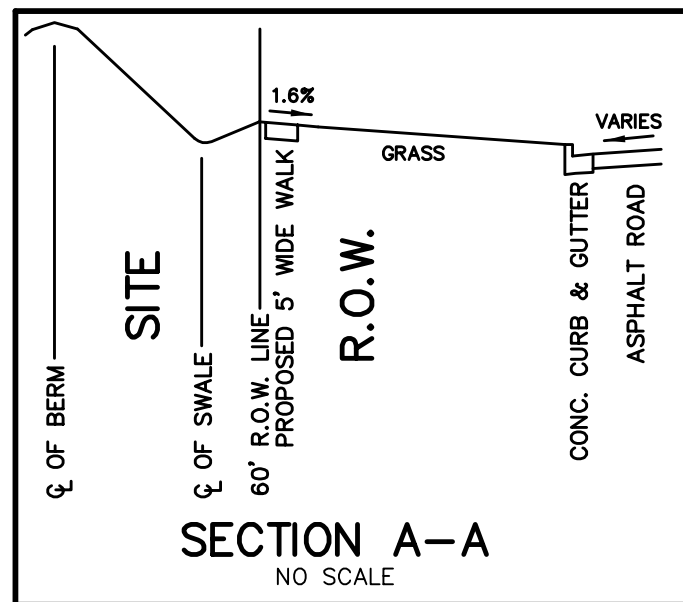
A PERMIT FROM WAYNE COUNTY MUST BE SECURED FOR ALL WORK IN THE R.O.W.

ALL IMPROVEMENTS IN THE R.O.W. SHALL MEET THE REQUIREMENTS OF WAYNE COUNTY.

72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

CAUTION:

Utilities as shown indicate approximate location of facilities only, as described by the various companies and no guarantee is given either as to the completion or accuracy thereof. Contractor shall call "MISS DIG" 647-7344 prior to the start of construction.

BENCH MARK #1
ARROW ON HYDRANT
ELEV.= 630.68
USGS NGVD 29 DATUMBENCH MARK #2
TOP OF CASTING
ON GATE VALVE
ELEV.= 628.75
USGS NGVD 29 DATUM

A PERMIT FROM WAYNE COUNTY MUST BE SECURED FOR ALL WORK IN THE R.O.W.

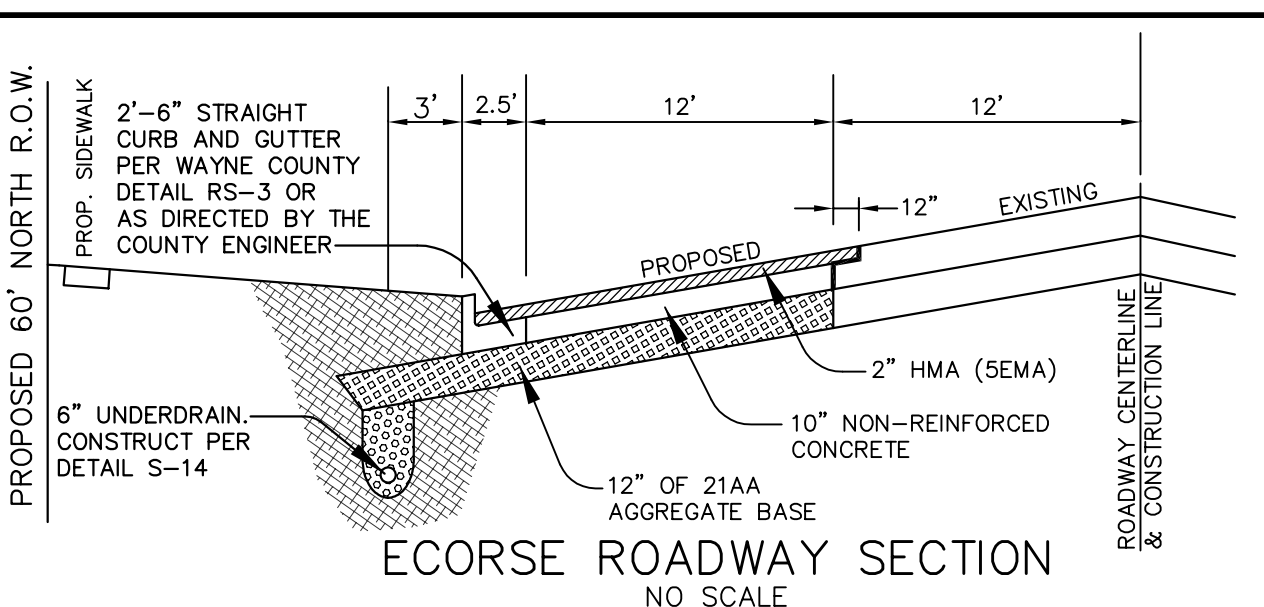
ALL IMPROVEMENTS IN THE R.O.W. SHALL MEET THE REQUIREMENTS OF WAYNE COUNTY.

ALL PAVEMENT MARKINGS SHALL COMPLY WITH THE GUIDELINES FOUND IN THE "MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MMUTCD).

LEGAL DESCRIPTION

LOT 815, PART OF "SUPERVISOR'S ROMULUS PLAT No. 13", PART OF THE S.E. 1/4 OF SECTION 1, T. 3 S., R. 9 E., CITY OF ROMULUS, WAYNE COUNTY, MICHIGAN, AS RECORDED IN LIBER 68, PAGE 59 WAYNE COUNTY RECORDS, DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 1, THENCE ALONG THE SOUTH LINE OF SAID SECTION 1, N 87° 54' 20" E 382.01'; THENCE N 00° 52' 50" W 60.01' TO A POINT ON THE NORTH 60' RIGHT-OF-WAY LINE OF ECORSE ROAD, ALSO BEING THE POINT OF BEGINNING; THENCE N 00° 52' 50" W 1263.55'; THENCE N 88° 00' 30" E 340.00'; THENCE S 00° 52' 50" E 1262.94'; THENCE 87° 54' 20" W 340.01' TO THE POINT OF BEGINNING AND SUBJECT TO ALL MATTERS EASEMENTS OF RECORD, (9.858 ACRES)

PARCEL ID No. 80-004-02-0815-000



BENCH MARK #2
TOP OF CASTING
ON GATE VALVE
ELEV.= 628.75
USGS NGVD 29 DATUM

 FULL DEPTH CONCRETE TO BE REMOVED

 FULL DEPTH ASPHALT TO BE REMOVED

 FULL DEPTH ASPHALT SAW-CUT LINE

N

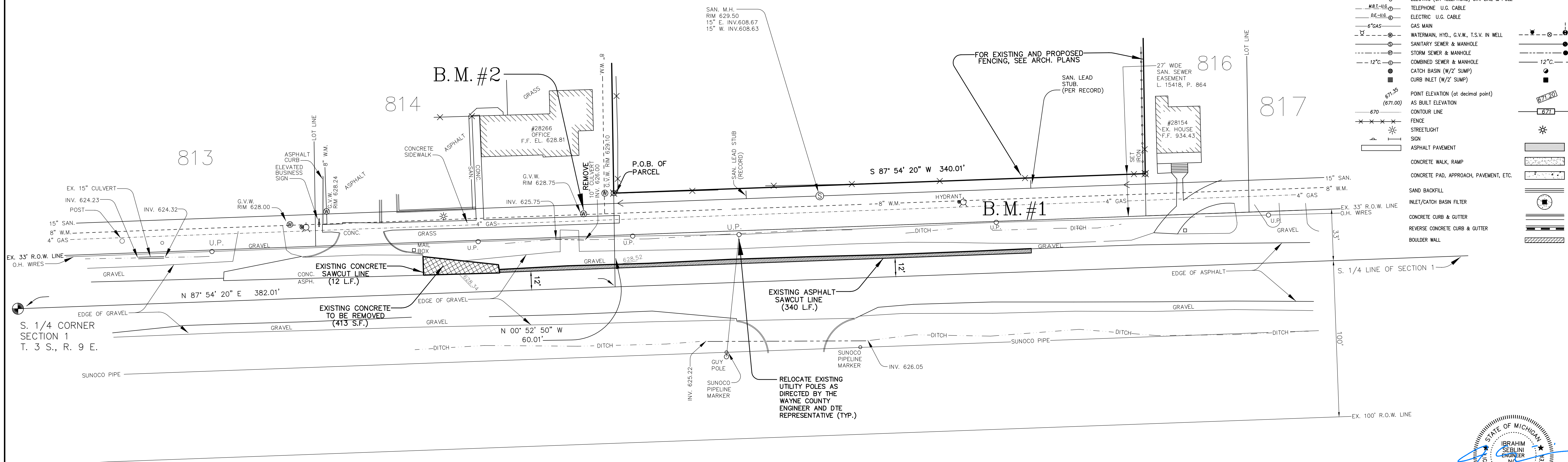
LOCATION MAP
NO SCALE

LEGEND

- RECORDED IRON
 ● FOUND IRON
 ✕ SET IRON
 ✕ SET P.K. NAIL
 ■ FOUND P.K. NAIL
 ◎ RECORDED MONUMENT
 ● FOUND MONUMENT
 ✕ SET MONUMENT
 R RECORDED
 M MEASURED
 C CALCULATED

- | | EXISTING | PROPOSED |
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815
VACANT LAND
ZONED: "MT", INDUSTRIAL TRANSPORTATION
28176 ECORSE ROAD
80-004-02-0815-000



ECORSE ROAD
(120' R.O.W. - PUBLIC)

A PERMIT FROM WAYNE COUNTY MUST BE SECURED FOR ALL WORK IN THE R.O.W.

ALL IMPROVEMENTS IN THE R.O.W. SHALL MEET THE REQUIREMENTS OF WAYNE COUNTY.

LOT 815, PART OF "SUPERVISOR'S ROMULUS PLAT NO. 13", PART OF THE S.E. 1/4 OF SECTION 1, T. 36 S., R. 9 E., CITY OF ROMULUS, WAYNE COUNTY, MICHIGAN, AS RECORDED IN LIBER 68, PAGE 59, WAYNE COUNTY RECORDS, DESCRIBED COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION THENCE ALONG THE SOUTH LINE OF SAID SECTION, N 87° 54' 20" E 382.01'; THENCE N 00° 52' 50" W 60.01' TO A POINT ON THE NORTH 60' RIGHT-OF-WAY LINE OF ECORSE ROAD, ALSO BEING THE POINT OF BEGINNING; THENCE N 00° 52' 50" W 1263.55'; THENCE N 88° 00' 30" E 340.00'; THENCE S 00° 52' 50" E 1262.94'; THENCE S 87° 54' 20" W 340.01' TO THE POINT OF BEGINNING AND SUBJECT TO ALL MATTERS EASEMENTS OF RECORD. (8.958 ACRES)

PARCEL ID No. 80-004-02-0815-000

72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

Utilities as shown indicate approximate location of facilities only, as described by the various companies and no guarantee is given either as to the completion or accuracy thereof. Contractor shall call "MISS DIG" 647-7344 prior to the start of construction.

I.A.S.	I.A.S.	CITY OF ROMULUS ENGINEERING	03-06-24
I.M.K.	I.A.S.	PER WAYNE COUNTY	03-24-23
I.M.K.	I.A.S.	W.C.D.P.S. PLAN REVIEW NUMBER R21-516	11-10-22
REV. BY	CHK. BY	REVISIONS	DATE

GLOBAL TRUCKING REPAIR, LLC
6920 WYOMING STREET
DEARBORN, MI 48126
(313) 213-6326 (313) 208 2165

RIGHT-OF-WAY DEMOLITION PLAN

**PROPOSED GLOBAL TRUCKING
REPAIR BUILDING & TRUCK STORAGE**
ECORSE ROAD - ROMULUS, MICHIGAN (PARCEL ID # 90-004-02-08)

Engineering and Surveying Services, Inc.

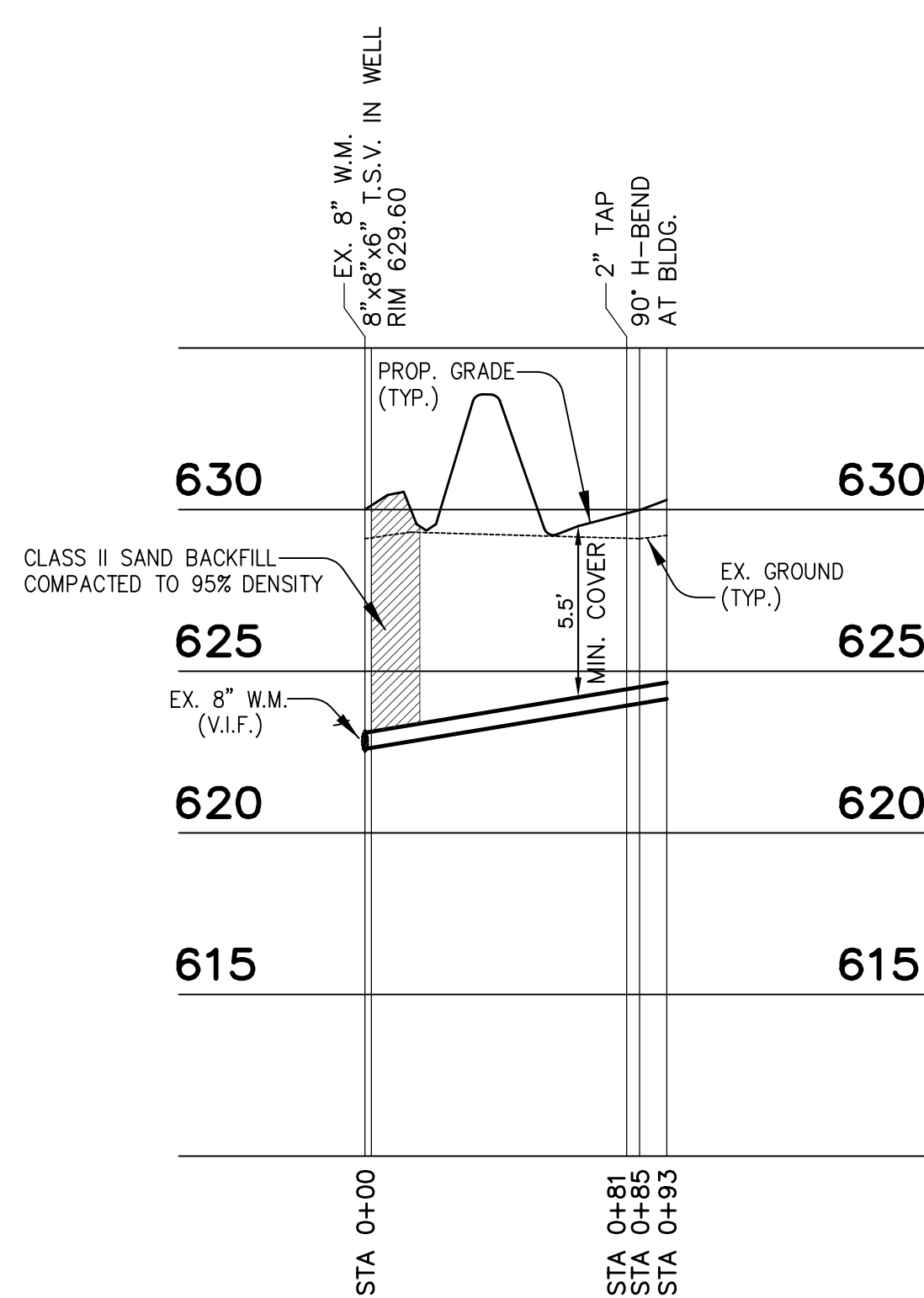
7741 Schaefer Road
Dearborn, Michigan 48126
Tel: (313) 945 5890 Fax: (313) 945 5891

mail@eccadd.com		
DS: IAS	DN: COMP	CK: IAS

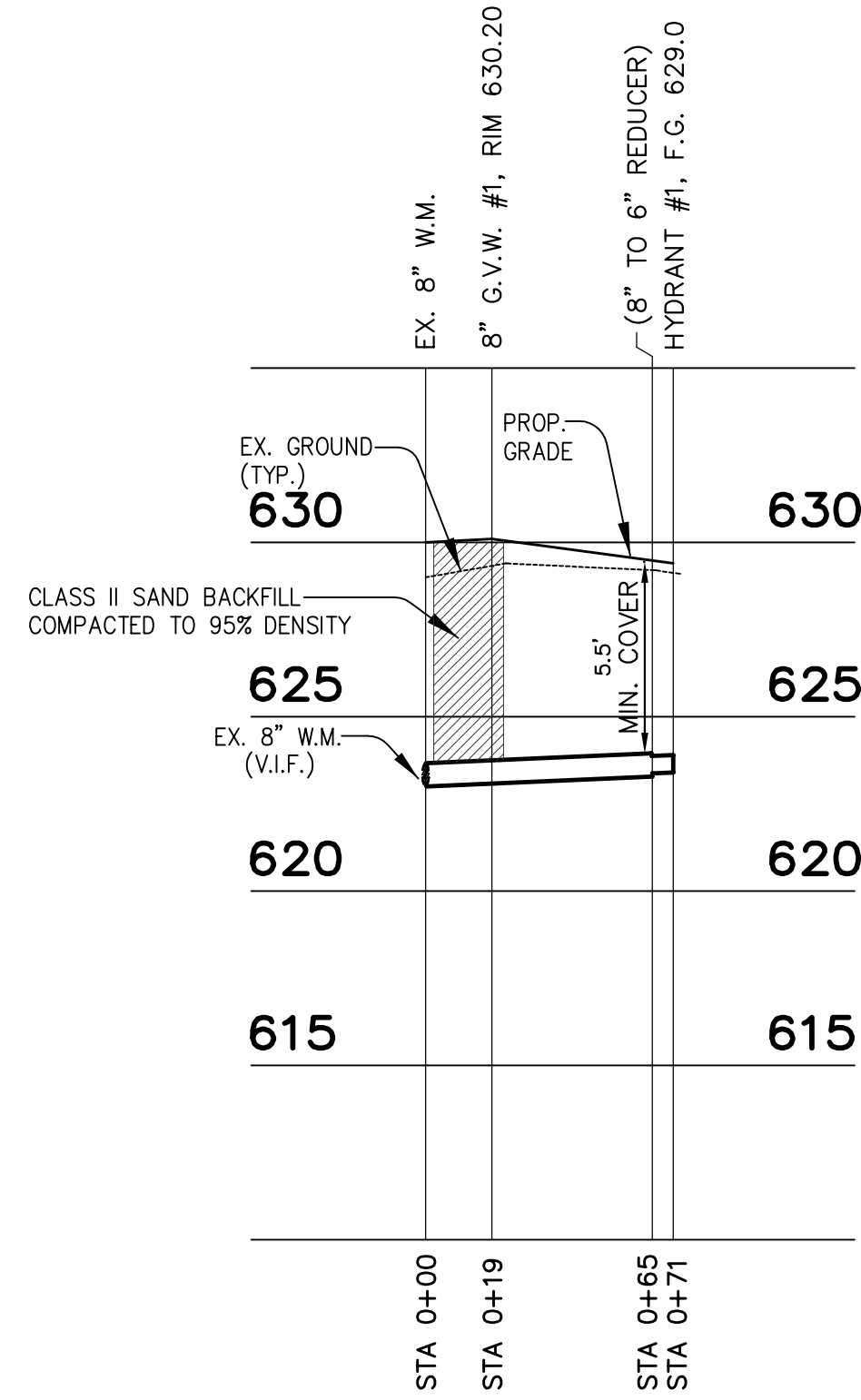
DS.	I.A.S.	DN.	COM.	CR.	I.A.S.
SCALE : 1" = 30'			DATE 06-01-22		

ENGINEERING and SURVEYING SERVICES

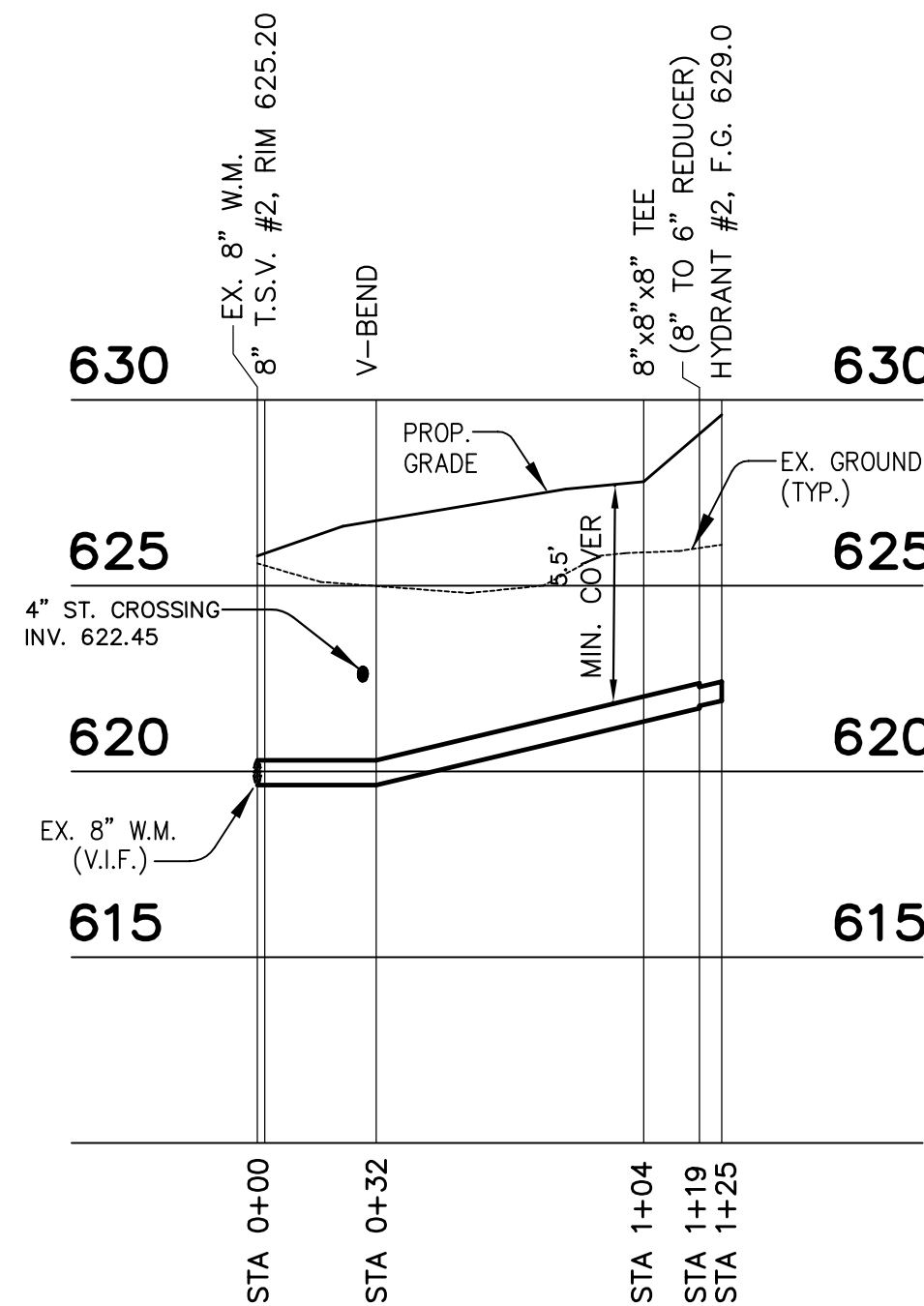
SOURCE: "NATIONAL COOPERATIVE SOIL SURVEY"



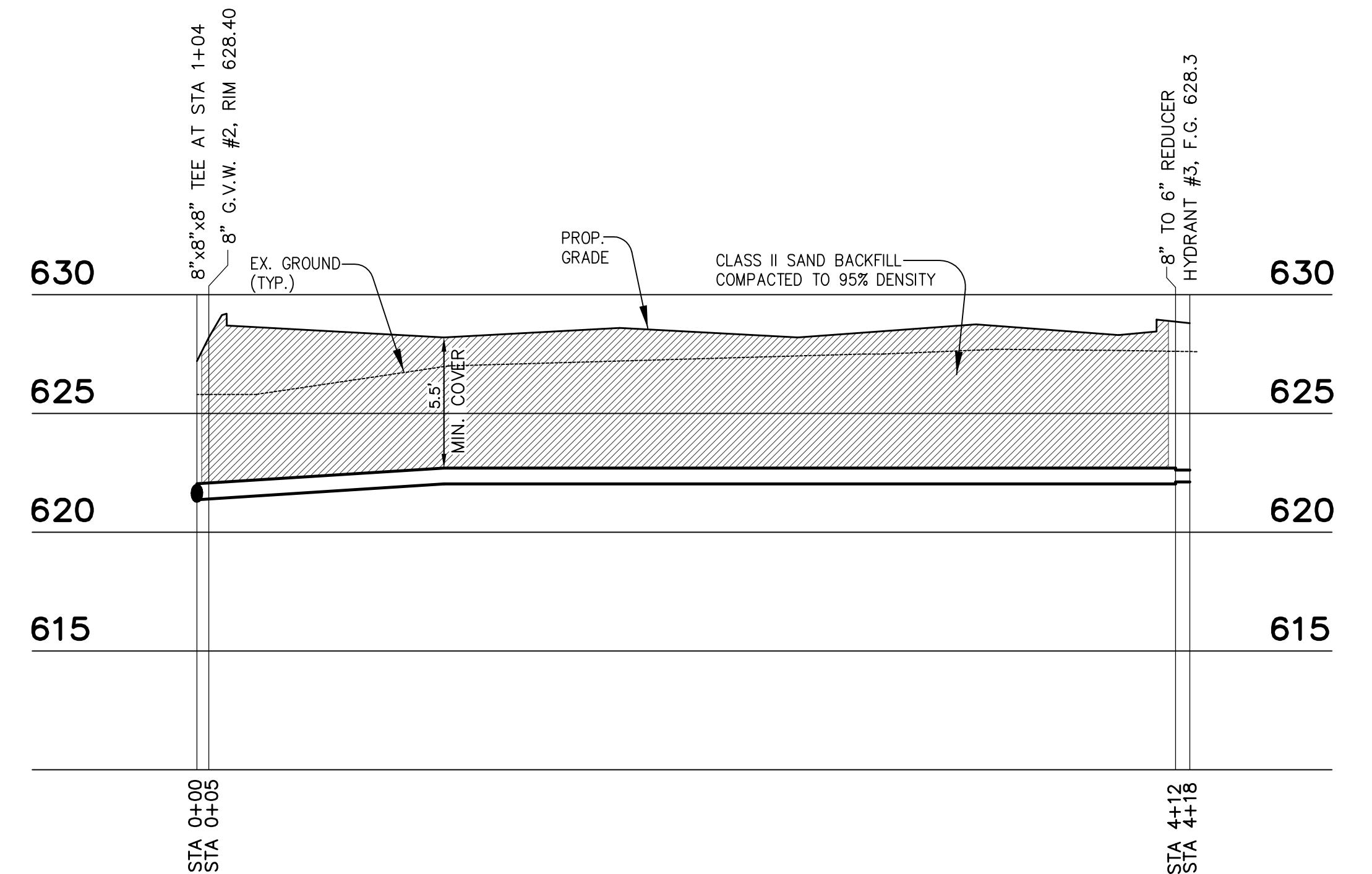
93 L.F. OF 6" WATERMAIN
DUCTILE IRON CLASS 54
EXIST. 8" W.M. TO BUILDING



65 L.F. OF 8" WATERMAIN
DUCTILE IRON CLASS 54
EXIST. 8" W.M. TO HYDRANT #1

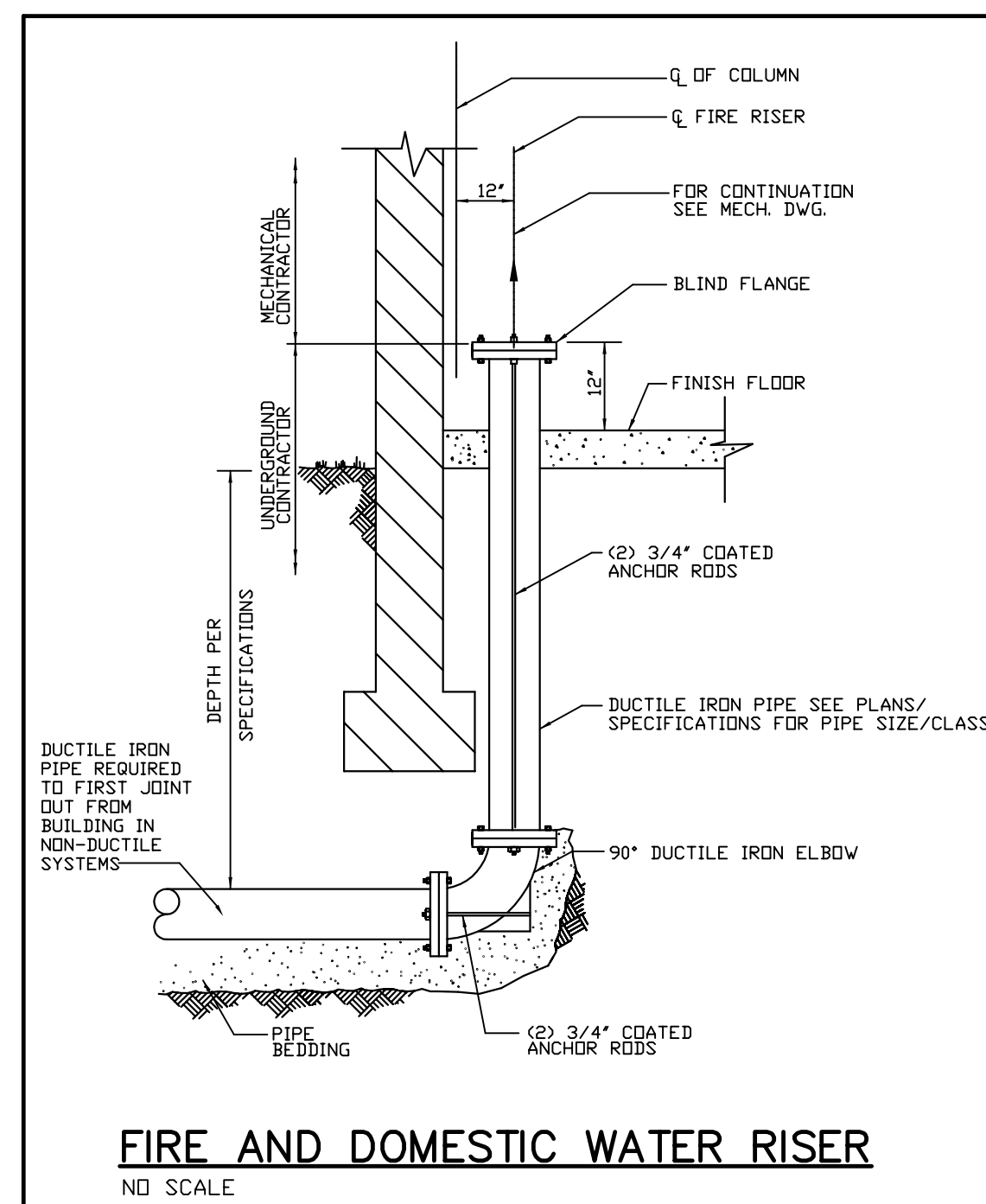


119 L.F. OF 8" WATERMAIN
DUCTILE IRON CLASS 54
EXIST. 8" W.M. TO HYDRANT #2



412 L.F. OF 8" WATERMAIN
DUCTILE IRON CLASS 54
8"x8"x8" TEE TO HYDRANT #3

8" AND, 6" WATERMAIN
SHALL BE DUCTILE IRON CLASS 54



WHERE WATERMAIN CROSSING ANOTHER
UTILITY, COMPACTED CLASS II SAND IN
12" LIFTS TO 95% MAXIMUM DENSITY
SHOULD BE USED.

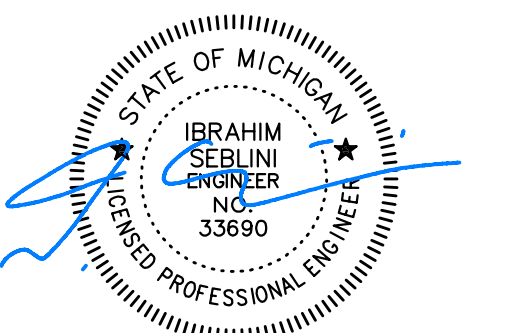
NOTE: MINIMUM VERTICAL CLEARANCE OF 18" BETWEEN
UTILITIES MUST BE MAINTAINED. FIELD VERIFY THE
ELEVATION OF GAS LINES AND UNDERGROUND CABLES.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT
STANDARDS, SPECIFICATIONS, AND GENERAL CONDITIONS OF THE
CITY OF ROMULUS AND WAYNE COUNTY.

COMPACTED CLASS II SAND IN 12" LIFTS TO 95% MAX.
DENSITY SHALL BE USED AT ALL UTILITY CROSSINGS.

72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

CAUTION:
Utilities as shown indicate approximate location of
facilities only, as described by the various companies
and no guarantee is given either as to the completion
or accuracy thereof. Contractor shall call "MISS DIG"
647-7344 prior to the start of construction.



I.A.S.	I.A.S.	CITY OF ROMULUS ENGINEERING	03-06-24
I.M.K.	I.A.S.	PER WAYNE COUNTY	03-24-23
I.M.K.	I.A.S.	W.C.D.P.S. PLAN REVIEW NUMBER R21-516	11-10-22
REV. BY	CHK. BY	REVISIONS	DATE
GLOBAL TRUCKING REPAIR, LLC			
6920 WYOMING STREET			
DEARBORN, MI 48126			
(313) 213-6326 (313) 208 2165			
WATERMAIN PROFILES			
PROPOSED GLOBAL TRUCKING			
REPAIR BUILDING & TRUCK STORAGE			
28176 ECORSE ROAD - ROMULUS, MICHIGAN (PARCEL ID # 90-004-02-0815-000)			
Engineering and Surveying Services, Inc.			
7741 Schaefer Road			
Dearborn, Michigan 48126			
Tel: (313) 945 5890 Fax: (313) 945 5891			
mail@ecood.com			
DS: I.A.S.	DN: COMP.	CK: I.A.S.	
SCALE : 1" = 50'	DATE 06-01-22		
JOB No. 20006	DWG. No. C-2B		

ENGINEERING
and SURVEYING
SERVICES,
INC.

10-YEAR PEAK FLOW UPSTREAM OF THE PROPOSED 36" EXTENSION

$$\begin{aligned} \text{AREA, } A &= 70 \text{ ACRES} \\ Q &= (C)(i_{10})(A) \\ i_{10} &= \frac{63}{(12.33 + t_c)^{0.84}} \end{aligned}$$

$$t_c = \frac{L}{(V \times 60)}$$

$$V = K \times S^{0.5}$$

$$L=300', \quad V=0.48 \times 0.5^{0.5} \quad V=0.34$$

$$L=550', \quad V=1.20 \times 0.3^{0.5} \quad V=0.65$$

$$L=1,758', \quad V=2.10 \times 0.1^{0.5} \quad V=0.66$$

$$t_c = \frac{300'}{(0.34 \times 60)} + \frac{550'}{(0.65 \times 60)} + \frac{1,758'}{(0.66 \times 60)}$$

$$t_c = 73.20 \text{ MIN.}$$

$$i_{10} = \frac{63}{(12.33 + 73.20)^{0.84}}$$

$$i_{10} = 1.50$$

$$Q = (C)(i_{10})(A)$$

$$A = 70$$

$$C = 0.2$$

$$i_{10} = 1.50$$

$$Q = 0.2 \times 1.50 \times 70$$

$$Q = 21.0 \text{ C.F.S.}$$

$$\text{OPEN CHANNEL}$$

$$n = 0.04$$

$$S = 0.1\%$$

$$Q = \frac{1.486}{n} A \times R^{0.66} \times S^{0.50}$$

$$A = \frac{17+7}{2} \times 2$$

$$A = 24 \text{ S.F.}$$

$$P = 7 + (2 \times 5.39)$$

$$P = 17.78$$

$$R = \frac{24}{17.78}$$

$$R = 1.35$$

$$Q = \frac{1.486}{n} A \times R^{0.66} \times S^{0.50}$$

$$Q = \frac{1.486}{0.04} 24 \times 1.35^{0.66} \times 0.001^{0.50}$$

$$Q = 34.4 \text{ C.F.S.}$$

PROPOSED 36" CULVERT EXTENSION @ 0.10%

$$Q = \frac{1.486}{0.013} 7.07 \times 0.75^{0.66} \times 0.001^{0.50}$$

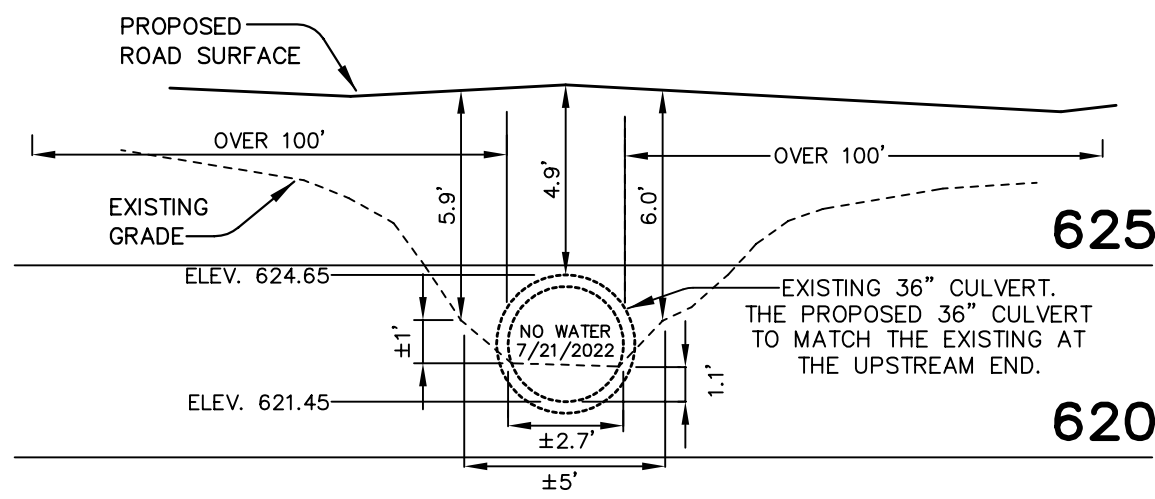
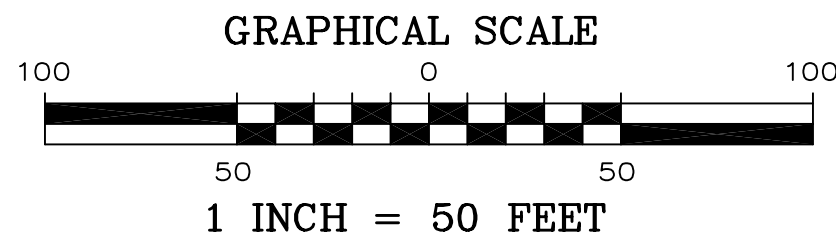
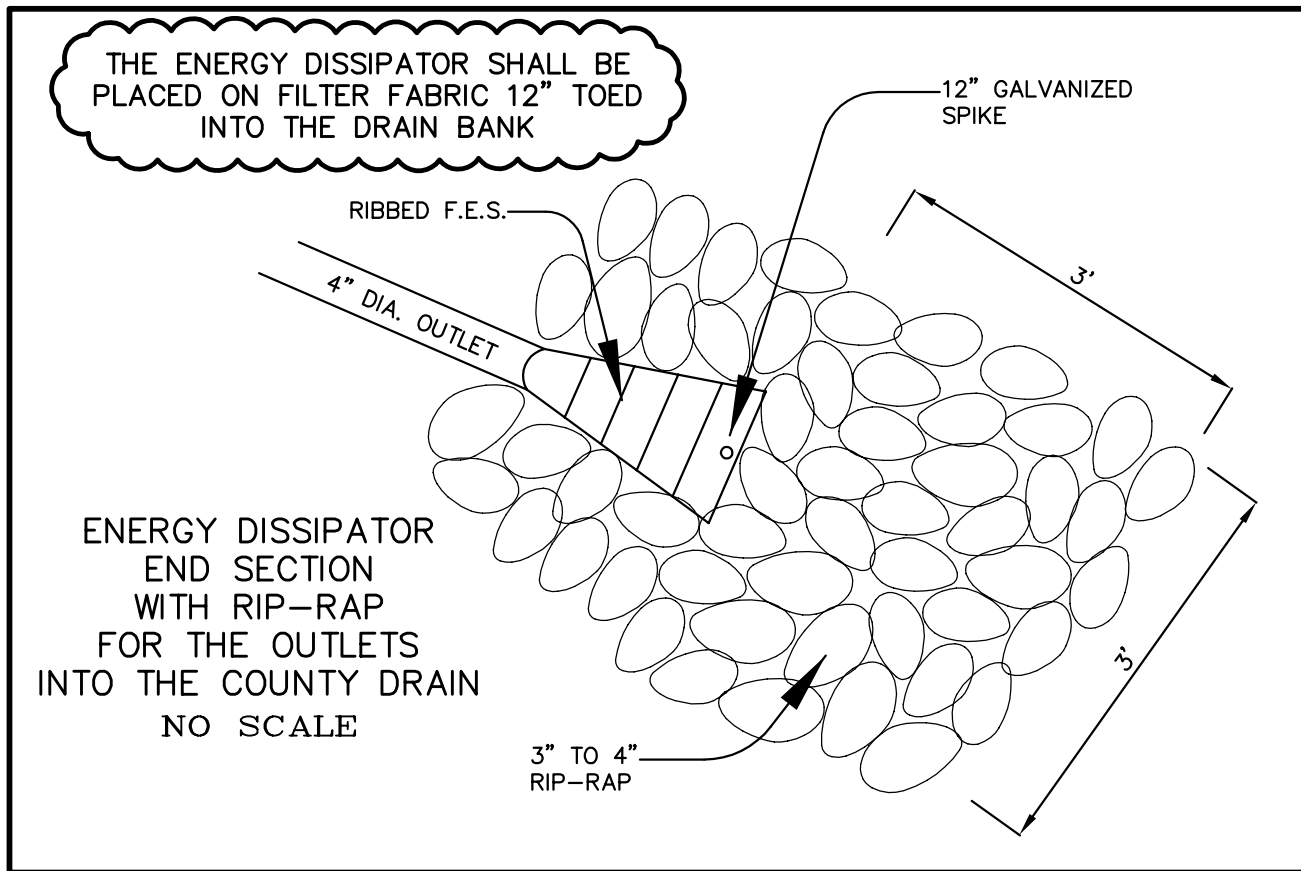
$$Q = 21.1 \text{ C.F.S.}$$

DOWNSTREAM AT WEST PROPERTY LINE

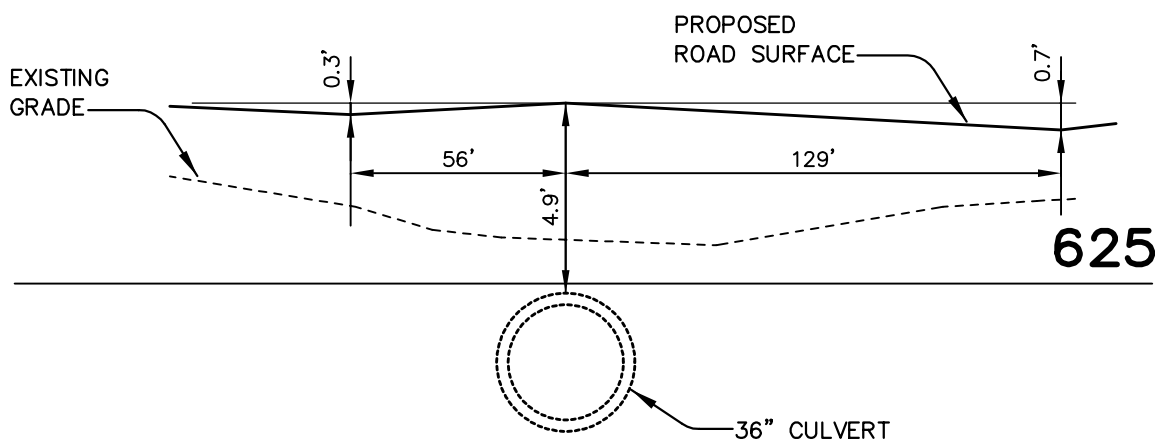
EXISTING 24" CULVERT @ 0.88%

$$Q = \frac{1.486}{0.013} 3.142 \times 0.5^{0.66} \times 0.0088^{0.50}$$

$$Q = 21.3 \text{ C.F.S.}$$



CULVERT
CROSS SECTION
(AT EXISTING 36" CULVERT, UPSTREAM & DOWNSTREAM ±)
PHOTO #1 & PHOTO #2



CULVERT
DISTANCE FROM LOW POINT IN ROAD

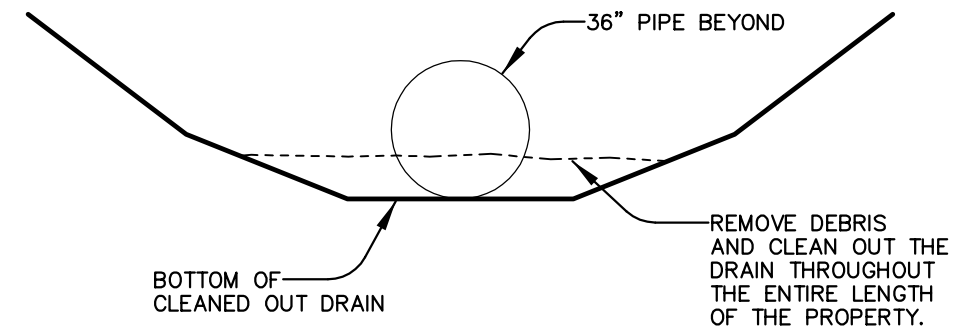
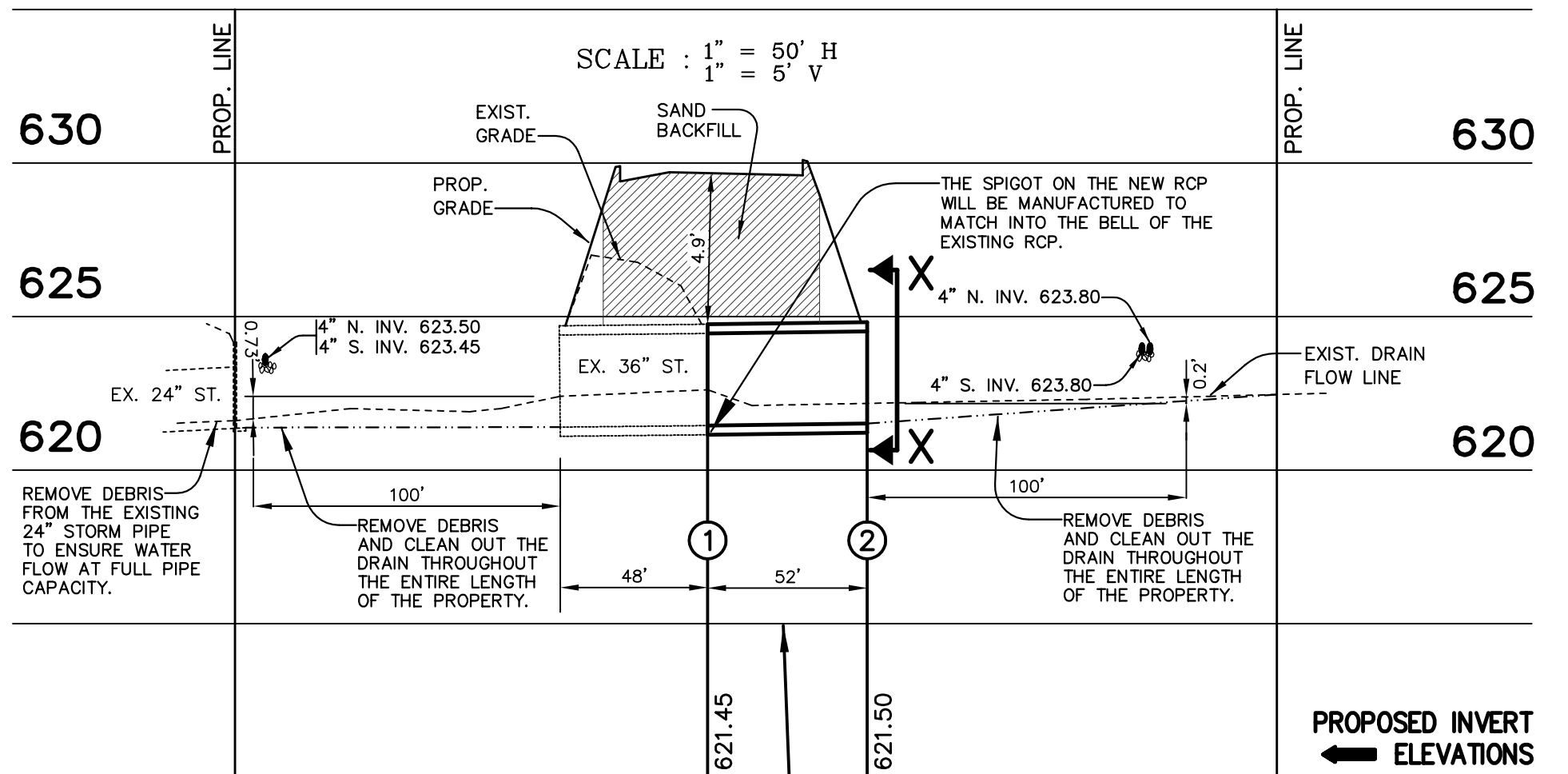
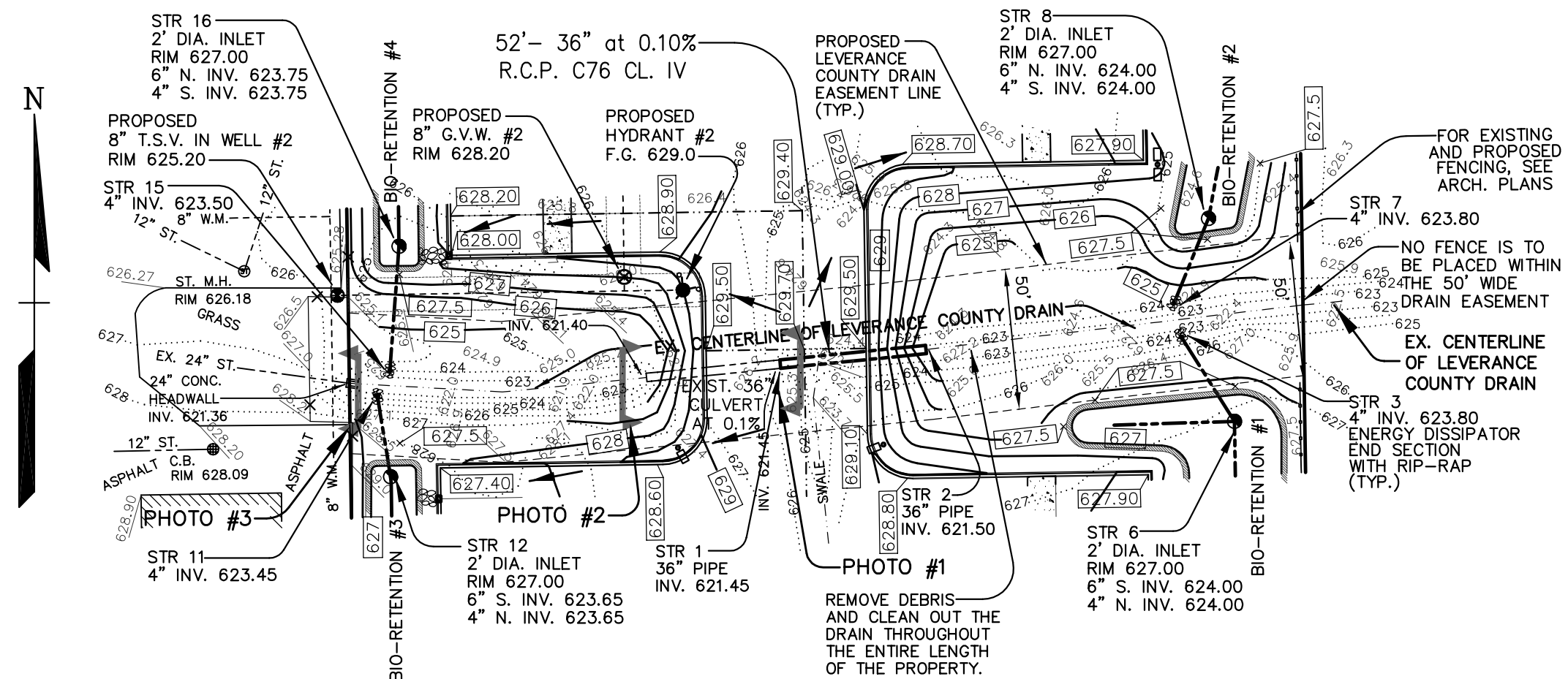
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT STANDARDS, SPECIFICATIONS, AND GENERAL CONDITIONS OF THE CITY OF ROMULUS AND WAYNE COUNTY.

COMPACTED CLASS II SAND IN 12" LIFTS TO 95% MAX. DENSITY SHALL BE USED AT ALL UTILITY CROSSINGS.

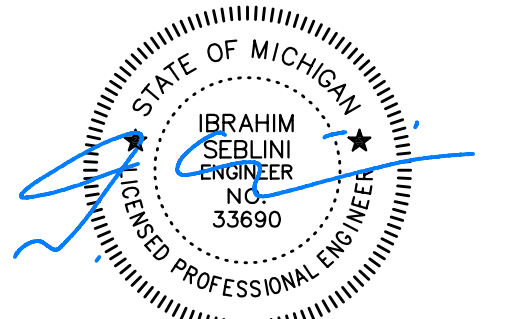
ALL 36" STORM SEWER PIPES SHALL BE: C76 - CL IV R.C.P.

R.C.P. STORM SEWER PIPES SHALL HAVE PREMIUM JOINTS AND CLASS "B" BEDDING OR BETTER.

NOTE: MINIMUM VERTICAL CLEARANCE OF 18" BETWEEN UTILITIES MUST BE MAINTAINED. FIELD VERIFY THE ELEVATION OF GAS LINES AND UNDERGROUND CABLES.



SECTION X-X
NO SCALE



I.A.S.	I.A.S.	CITY OF ROMULUS ENGINEERING	03-06-24
I.A.S.	I.A.S.	PER WDC REVIEW #3	09-14-23
I.A.S.	I.A.S.	PER WAYNE COUNTY	08-07-23
I.M.K.	I.A.S.	PER WAYNE COUNTY	03-24-23
I.M.K.	I.A.S.	W.C.D.P.S. PLAN REVIEW NUMBER R21-516	11-10-22
I.M.K.	I.A.S.	REVISED PER EGLE REQUIREMENTS	08-17-22
REV. BY	CHK. BY	REVISIONS	DATE

GLOBAL TRUCKING REPAIR, LLC
6920 WYOMING STREET
DEARBORN, MI 48126
(313) 213-6326 (313) 208 2165

IMPROVEMENTS IN LEVERANCE DRAIN

PROPOSED GLOBAL TRUCKING
REPAIR BUILDING & TRUCK STORAGE
28176 ECORSE ROAD - ROMULUS, MICHIGAN (PARCEL ID # 90-004-02-0815-000)

Engineering and Surveying Services, Inc.
7741 Schaefer Road
Dearborn, Michigan 48126
Tel: (313) 945 5890 Fax: (313) 945 5891
mail@scsod.com

DS: I.A.S. DN: COMP. CK: I.A.S.
SCALE : 1" = 50' H 1" = 5' V DATE 06-01-22

JOB No. 20006 DWG. No. C-2C

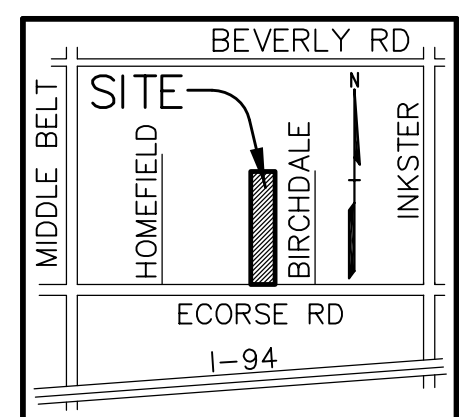
72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

CAUTION:
Utilities as shown indicate approximate location of facilities only, as described by the various companies and no guarantee is given either as to the completion or accuracy thereof. Contractor shall call "MISS DIG" 647-7344 prior to the start of construction.

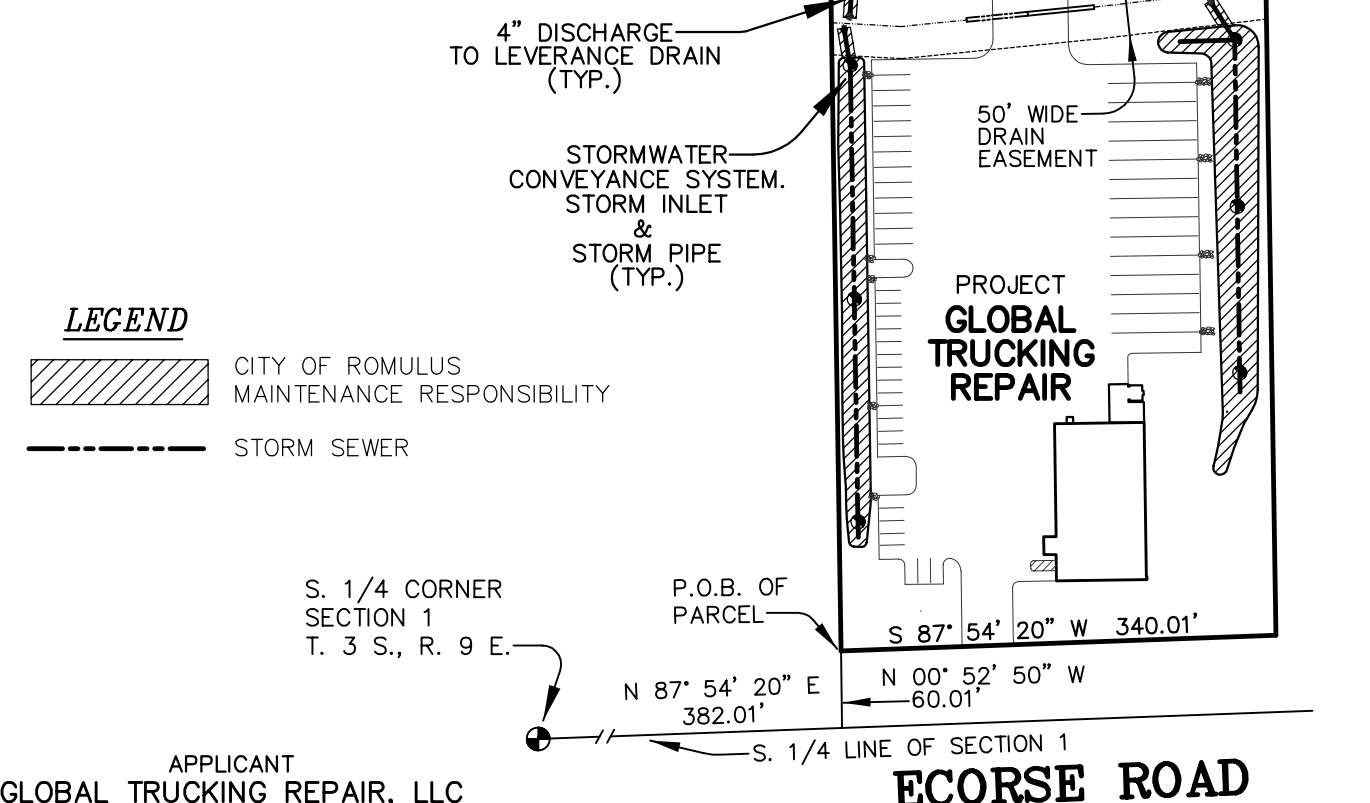
ENGINEERING
and SURVEYING
SERVICES,
INC.

LEGAL DESCRIPTION (80-004-02-0815-000):

LOT 815, PART OF "SUPERVISOR'S ROMULUS PLAT NO. 13", PART OF THE S.E. 1/4 OF SECTION 1, T. 14 N., R. 10 E., S. 32.00', 32.00' W. OF CORNER OF COOK COUNTY, ILLINOIS, BEING 1/4 SECTION 1, MICHIGAN, AS RECORDED IN LIBER 68, PAGE 59, WAYNE COUNTY RECORDS, DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 1; THENCE ALONG THE SOUTH LINE OF SAID SECTION 1, N. 89° 00' E. 392.01', 340.00' W. 52° 50' 00" 60.01' TO A POINT ON THE NORTH 60' RIGHT-OF-WAY LINE OF ECORSE ROAD, ALSO BEING THE POINT OF BEGINNING; THENCE N. 00° 52' 50" W. 1263.55'; THENCE N. 85° 00' 00" E. 340.00'; THENCE S. 85° 00' 00" E. 342.22'; THENCE S. 85° 00' 00" E. 340.01' TO THE POINT OF BEGINNING AND SUBJECT TO ALL MATTERS AND EASEMENTS OF RECORD (9.858 ACRES).



LOCATION MAP
NO SCALE



APPLICANT
GLOBAL TRUCKING REPAIR, LLC
6920 WYOMING STREET
DEARBORN, MI 48126

PROJECT
PROPOSED GLOBAL
TRUCKING REPAIR
28176 ECORSE ROAD
ROMULUS, MICHIGAN
(ID # 80-004-02-0815-000)

JOB# 20006
DATE: 12-05-2023
SCALE : 1" = 150'
SHEET 1 OF 1

Engineering and Surveying Services, Inc.

7741 Schaefer Road
Dearborn, Michigan 48126
Tel: (313) 945 5890
Fax: (313) 945 5891
mail@eccadd.com

PREPARED BY:
IBRAHIM SEBLINI, P.E.



Wayne County DPS Permit No.: M -
Wayne County DPS Plan Review No.: R21-516

The storm water management system (SWMS) subject to this long-term maintenance plan (Plan) is depicted on Exhibit A to the permit and includes without limitation the storm sewers, swales, catch basins, manholes, inlets, Bioretention area, overflow structure and outlet pipe that conveys flow from the Bioretention to the Wayne County Levee Drain located within the site. For the purposes of this plan, this storm water management system and all of its components as shown in Exhibit A is referred to as "GLOBAL TRUCKING REPAIR" SWMS.

The Global Trucking Repair, LLC is responsible for maintaining the Global Trucking Repair SWMS, including complying with applicable requirements of the local or Wayne County soil erosion and sedimentation control program until Wayne County releases the construction permit. Long-term maintenance responsibility for the Global Trucking Repair SWMS commences when defined by the maintenance permit issued by the County. Long-term maintenance continues in perpetuity.

The **City of Romulus** has assumed responsibility for long-term maintenance of **Global Trucking Repair** SWMS. The resolution by which the **City of Romulus** has assumed maintenance responsibility is attached to the permit as Exhibit C. The **Global Trucking Repair, LLC**, through a maintenance agreement with the **City of Romulus** has agreed to perform the maintenance activities required by this plan. The **City of Romulus** retains the right to enter the property and perform the necessary maintenance of the **Global Trucking Repair** SWMS if the **Global Trucking Repair, LLC** fails to perform the required maintenance activities. To ensure that the **Global Trucking Repair** SWMS is properly maintained, the **City of Romulus** will install an asset management system (Exhibit A), the plan (Exhibit B), and the resolution attached as Exhibit C, and the maintenance agreement between the **City of Romulus** and the property owner(s) will be recorded with the Wayne County Register of Deeds. Upon recording, a copy of the recorded documents will be provided to the County.

Table 1 identifies the maintenance activities to be performed, organized by category (monitoring/inspections, preventative maintenance and remedial actions). While performing maintenance, chemicals should not be applied to the bioretention, buffer strip, or watercourses. Table 1 also identifies site-specific work needed to ensure that the storm water management system functions properly as designed.

MAINTENANCE ACTIVITIES	SYSTEM COMPONENTS	Storm Collection System (Sewers, Swales, Catch Basins, Manholes)	Inlets to Bore/retentions	Bore/retention Area	Buffer Strip	Overflow Structures & Outlet Pipe	Pavement Areas	FREQUENCY
Monitoring / Inspection								
Inspect for Sediment Accumulation		X	X	X	X	X		As Needed / Semi - Annually
Inspect For Floatables, Dead Vegetation & Debris		X	X	X	X	X		Annually & After Major Events
Inspect For Erosion And Integrity of System		X	X	X	X	X		Annually & After Major Events
Inspect Components During Wet weather & Compare to As-built		X	X	X	X	X		Annually
Ensure Maintenance Access Remain Open/Clear		X	X	X	X	X		Annually
Preventive Maintenance								
Remove Accumulated sediments		X	X	X	X	X		As Needed, select areas only
Remove Floatables, Invasive & Dead Vegetation & Debris		X	X	X	X	X		As needed**
Re-Apply / Replace Mulch Layer				X				Re-Apply Every 6 Months, Replace Every 2 Years
Replace Subsurface Components (Sols, Stones, 6" Underdrain, Etc.)				X				Every 5 Years, or When Water Ponds More Than 6 hours
Sweeping of Paved Surfaces							X	As Needed / Semi-Annually
Remedial Action								
Repair/Stabilize Areas of Erosion, Reseed Bare Areas		X	X	X	X	X		As Needed
Replace Dead Plantings, Lawn			X	X				As needed
Structural Repairs		X	X			X	X	As Needed
Make Adjustments/Repairs to Ensure Proper Functioning		X	X	X	X	X	X	As Needed

NOTES:

PROPERTY INFORMATION: Global Trucking Repair 28176 Escote Road City of Romulus Wayne County, Michigan	PROPERTY OWNER: Global Trucking Repair, LLC 8502 Wyoming Street Dearborn, MI 48126 Contact: Hafeez Al-Mayahi Phone: (313) 451-8040	ENGINEER: Ibrahim Sabirini, P.E. Engineering and Surveying Services, Inc. 7741 Schaefer Road Dearborn, MI 48126 Tel: 313-945-5890	DATE: 12/05/2023
			SHEET 1 OF 1

I.A.S.	I.A.S.	CITY OF ROMULUS ENGINEERING	03-06-24
REV. BY	CHK. BY	REVISIONS	DATE
GLOBAL TRUCKING REPAIR, LLC 6920 WYOMING STREET DEARBORN, MI 48126 (313) 213-6326 (313) 208 2165			

STORM WATER MANAGEMENT SYSTEM (EXHIBITS A & B)

PROPOSED GLOBAL TRUCKING
REPAIR BUILDING & TRUCK STORAGE
28176 ECORSE ROAD - ROMULUS, MICHIGAN (PARCEL ID # 80-004-02-0815-000)

Engineering and Surveying Services, Inc.

7741 Schaefer Road
Dearborn, Michigan 48126
Tel. (313) 245,5900 Fax (313) 245,5901

TEL: (515) 945 5890	FAX: (515) 945 5891	mail@eccadd.com
DESIGN	CONSTRUCTION	INSPECTION

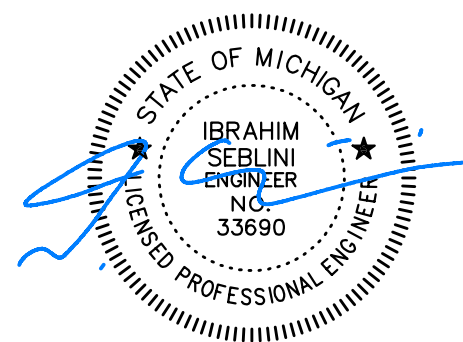
DS: I.A.S.	DN: COMP.	CR: I.A.S.
SCALE: 1" = 150'	DATE 12 05 23	

SCALE: 1" = 150'	DATE 12-03-23
JOB No. 20006	DWG. No. C-31

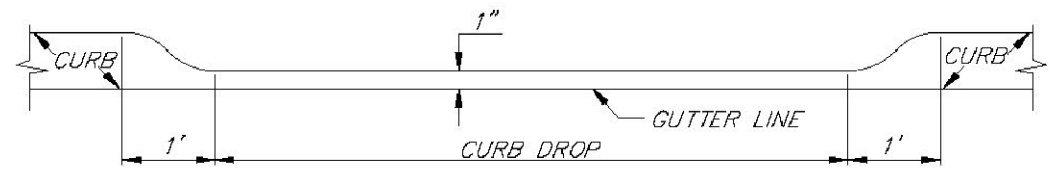
72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

CAUTION:

Utilities as shown indicate approximate location of facilities only, as described by the various companies and no guarantee is given either as to the completion or accuracy thereof. Contractor shall call "MISS DIG" 647-7344 prior to the start of construction.



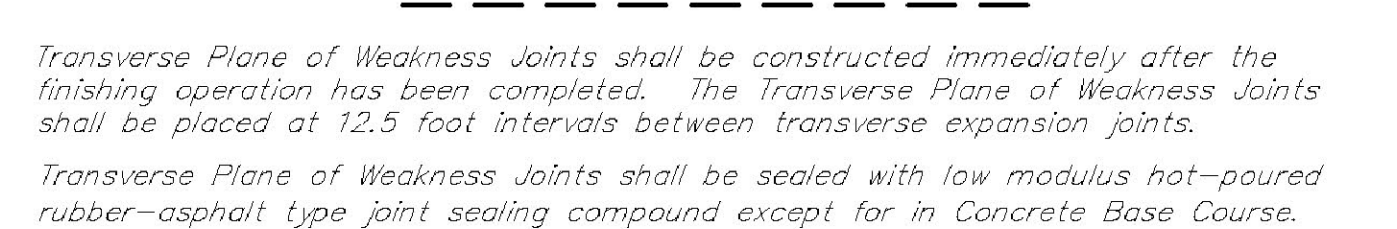
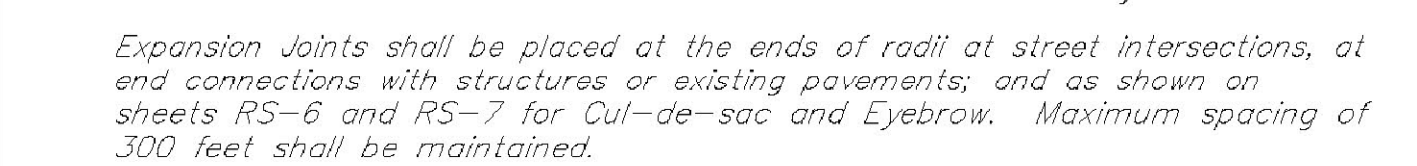
ENGINEERING
and **S**URVEYING
SERVICES,
I N C.



NOT TO SCALE

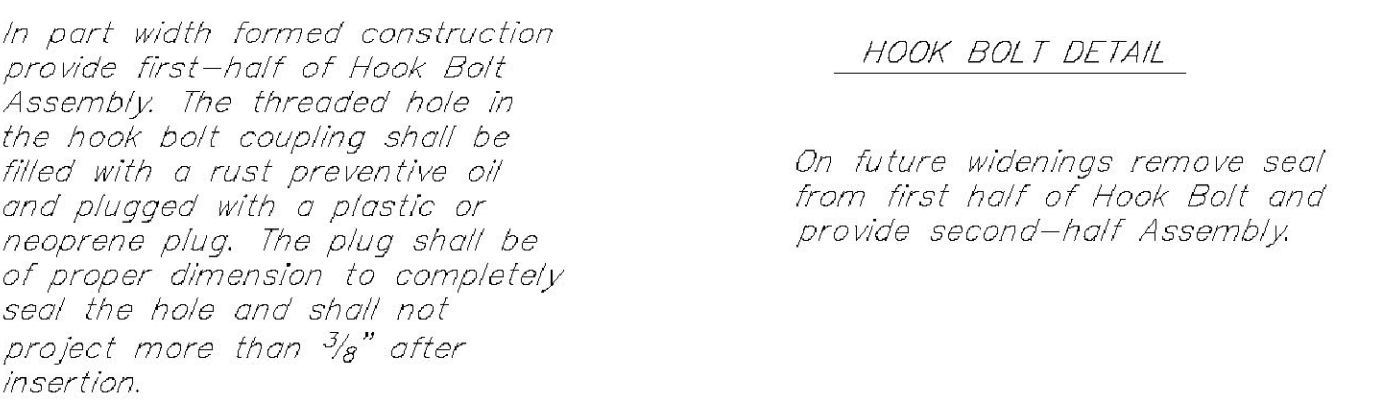
DIVISION PERMIT ENGINEER





NOTE: THIS IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL SIGNED COPY FOR PUBLICATION IS KEPT ON FILE AT THE WAYNE COUNTY ENGINEERING OFFICES.

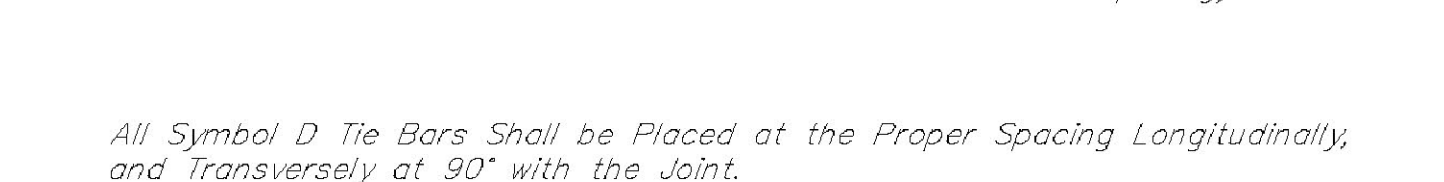
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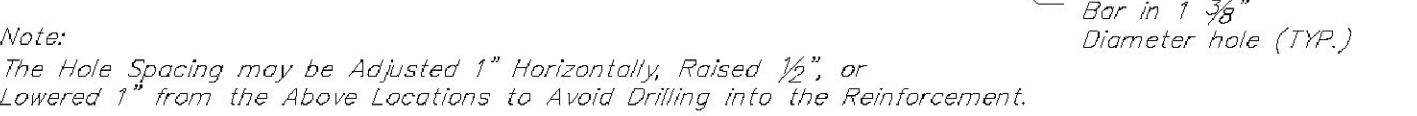


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I.A.S.	I.A.S.	CITY OF ROMULUS ENGINEERING	03-06-2011
REV. BY	CHK. BY	REVISIONS	DATE
GLOBAL TRUCKING REPAIR, LLC 6920 WYOMING STREET DEARBORN, MI 48126 (313) 213-6326 (313) 208-2165			
WAYNE COUNTY DETAILS (2 OF 3)			
PROPOSED GLOBAL TRUCKING REPAIR BUILDING & TRUCK STORAGE 28176 ECORSE ROAD - ROMULUS, MICHIGAN (PARCEL ID # 90-004-02-0815-000)			
Engineering and Surveying Services, Inc. 7741 Schaefer Road Dearborn, Michigan 48126 Tel: (313) 945 5890 Fax: (313) 945 5891 mail@ecocad.com			
DS: I.A.S.	DN: COMP.	CK: I.A.S.	and
SCALE : ---	DATE 06-01-2012		
JOB NO. 20006	DWG. NO. WD-2		
ENGINEERING and SURVEYING SERVICES. I N C.			

