## SITE PLAN DRAWINGS FOR

# GENERAL TRUCKING

CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

#### LEGAL DESCRIPTION

(Per Oakland County Tax Records)

PARCEL NO. 15-24-401-041 Town 3 North, Range 11 East, Section 24 Part of the Southeast 1/4 Beginning at a point distant S02°32'40"E, 234.05 feet from the East 1/4 Corner; thence S02°32'40"E 2432.20 feet to the Southeast section corner; thence S87°55'00"W 405.15 feet; thence N02°32'40"W 1798.65 feet; thence S87°55'00"W 405.15 feet; thence N54°44'40"E 235.40 feet; thence N30°57'40"E 6.20 feet; thence N02°34'00"W 716.03 feet; thence along the south right—of—way of a road on a curve to the right, having a radius of 539.96 feet, chord bearing S68°37'02"E 222.08 feet, a distance of 223.68 feet & S 56°45'00"E 28.03 feet & on a curve to the left, having a radius of 605.96 feet, chord bearing S74°50'00"E 376.18 feet, a distance of 382.50 feet & N87°05'00"E 26.85 feet to the Point of Beginning, Except the NORTH 776.55 feet thereof.

#### LEGAL DESCRIPTION

(As surveyed by Professional Engineering Associates)

#### PARCEL NO. 15-24-401-041

Part of the Southeast 1/4 Section 24, Town 3 North, Range 11 East, Rochester Hills, Oakland County, Michigan, being more particularly described as: Commencing at the East 1/4 Corner of said Section 24; thence along the east line of said section, S00°09'04"W, 776.55 feet to the Point of

thence continuing along said line, S00°09'04"W, 1883.46 feet to the Southeast corner of said Section 24;

thence along the south line of said section, N89°34'19"W, 405.15 feet;

thence N00°09'04"E, 1799.87 feet;

thence N89°23'16"W, 405.15 feet; thence N57°26'24"E, 198.80 feet;

thence S87°15'41"E, 643.67 feet to the aforementioned east line of said Section 24 and the Point of Beginning. Subject to the rights of the public over the southerly 33 feet and the westerly 33 feet thereof, known as Hamlin and Dequindre Roads.

# AVON RD SCHOOL RD HAMLIN RD RO AUBURN RD LOCATION MAP - NOT TO SCALE

### OWNER:

GENERAL TRUCKING 24121 MOUND ROAD WARREN, MI 48091 CONTACT: EMIL JAKUPOVIC PHONE: (866) 943-6878 x260 FAX: (866) 246-1544

#### PROJECT ARCHITECT:

GILLETT ASSOCIATES 32969 HAMILTON CT. STE 211 FARMINGTON HILLS, MI 48334 CONTACT: TIMOTHY B. MELVIN, ALA LEED AP PHONE: (248) 489-2345 FAX: (248) 489-2344

#### INDEX OF DRAWINGS:

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10F1	PHOTOMETRIC PLAN

PFP-1 PROPOSED FLOOR PLAN PE-1 PROPOSED ELEVATIONS PROPOSED COLOR ELEVATIONS PE-1color

#### **DEVELOPER:**

J.B. DONALDSON COMPANY 37610 HILLS TECH DRIVE FARMINGTON HILLS, MICHIGAN 48331 CONTACT: BENNETT DONALDSON PHONE: (248) 344-9045 FAX: (248) 536-2353

#### LANDSCAPE ARCHITECT:

PROFESSIONAL ENGINEERING ASSOCIATES, INC. 2900 E. GRAND RIVER AVENUE HOWELL, MI 48843 CONTACT: JEFF SMITH, R.L.A., LEED AP PHONE: (517) 546-8583 FAX: (517) 546-8973

#### CIVIL ENGINEER:

PROFESSIONAL ENGINEERING ASSOCIATES, INC. 2430 ROCHESTER COURT, SUITE: 100 TROY, MICHIGAN 48083 CONTACT: STEVE SORENSEN, P.E. / EMIL BUNEK P.E. PHONE: (248) 689-9090 FAX: (248) 689-1044

CITY FILE NUMBER: #14-00 NOT FOR CONSTRUCTION XREF: S:\PROJECTS\2014\2014036\DWG\12144 TOPOBASE.DWG XREF: S:\PROJECTS\2014\2014036\DWG\CONSTRUCTION\CBASE—
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CAUTION!! JNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTI

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Know what's below 1-800-482-7171 www.missdig.n



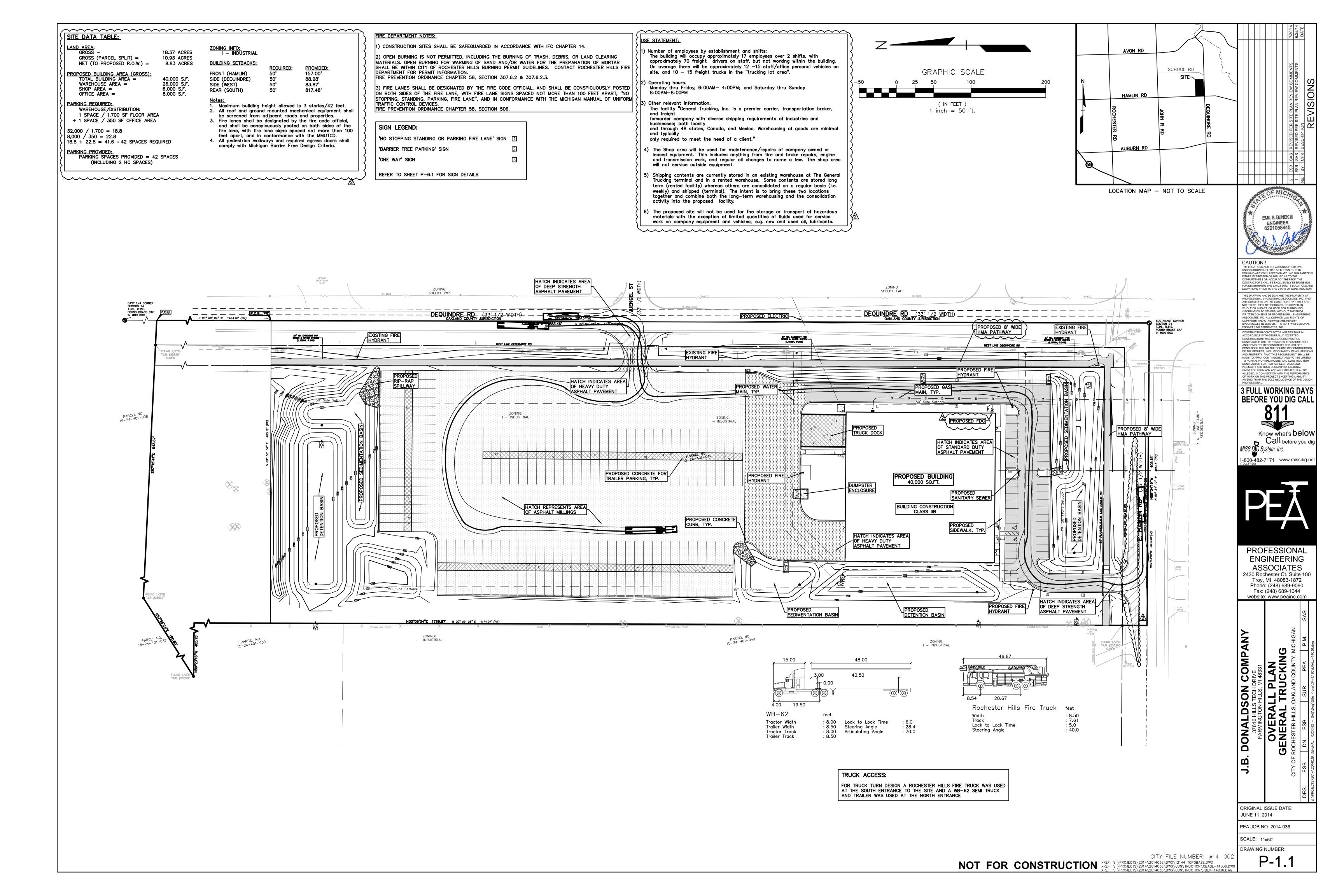
PROFESSIONAL **ENGINEERING** ASSOCIATES 2430 Rochester Ct. Suite 100 Troy, MI 48083-1872 Phone: (248) 689-9090 Fax: (248) 689-1044 website: www.peainc.com

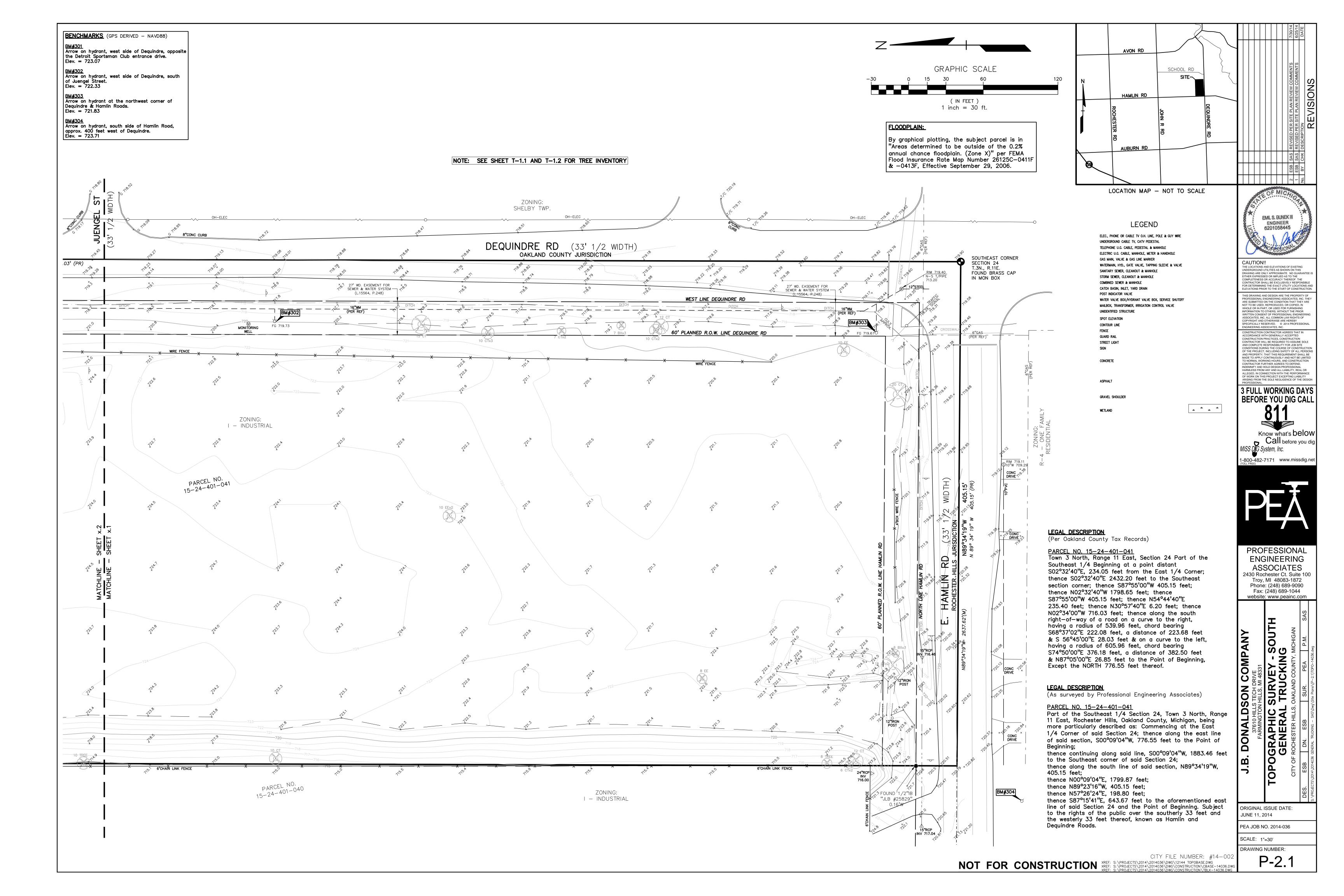
ONALDSON COMPANY COVER SHEET
GENERAL TRUCKING 

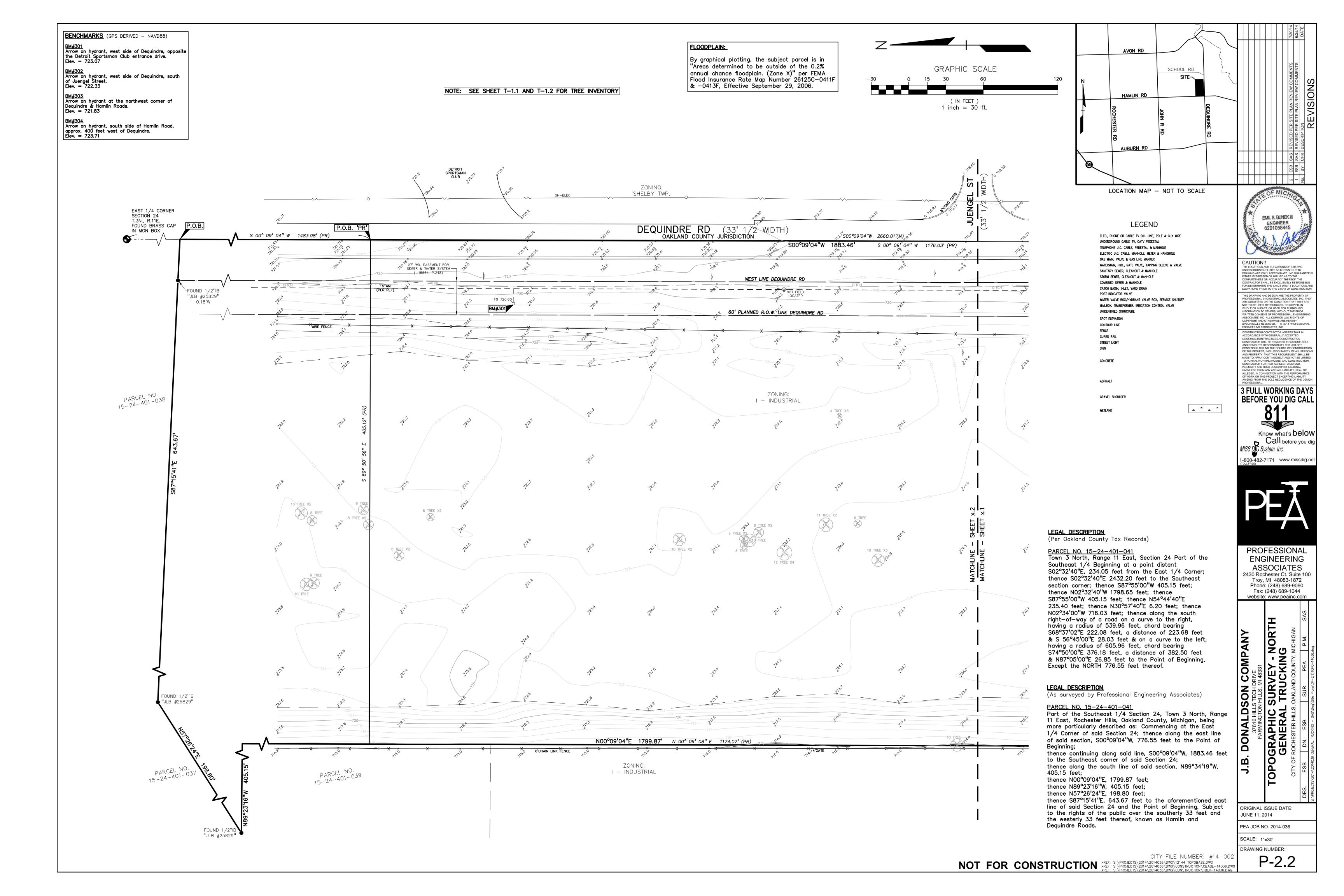
ORIGINAL ISSUE DATE: JUNE 11, 2014

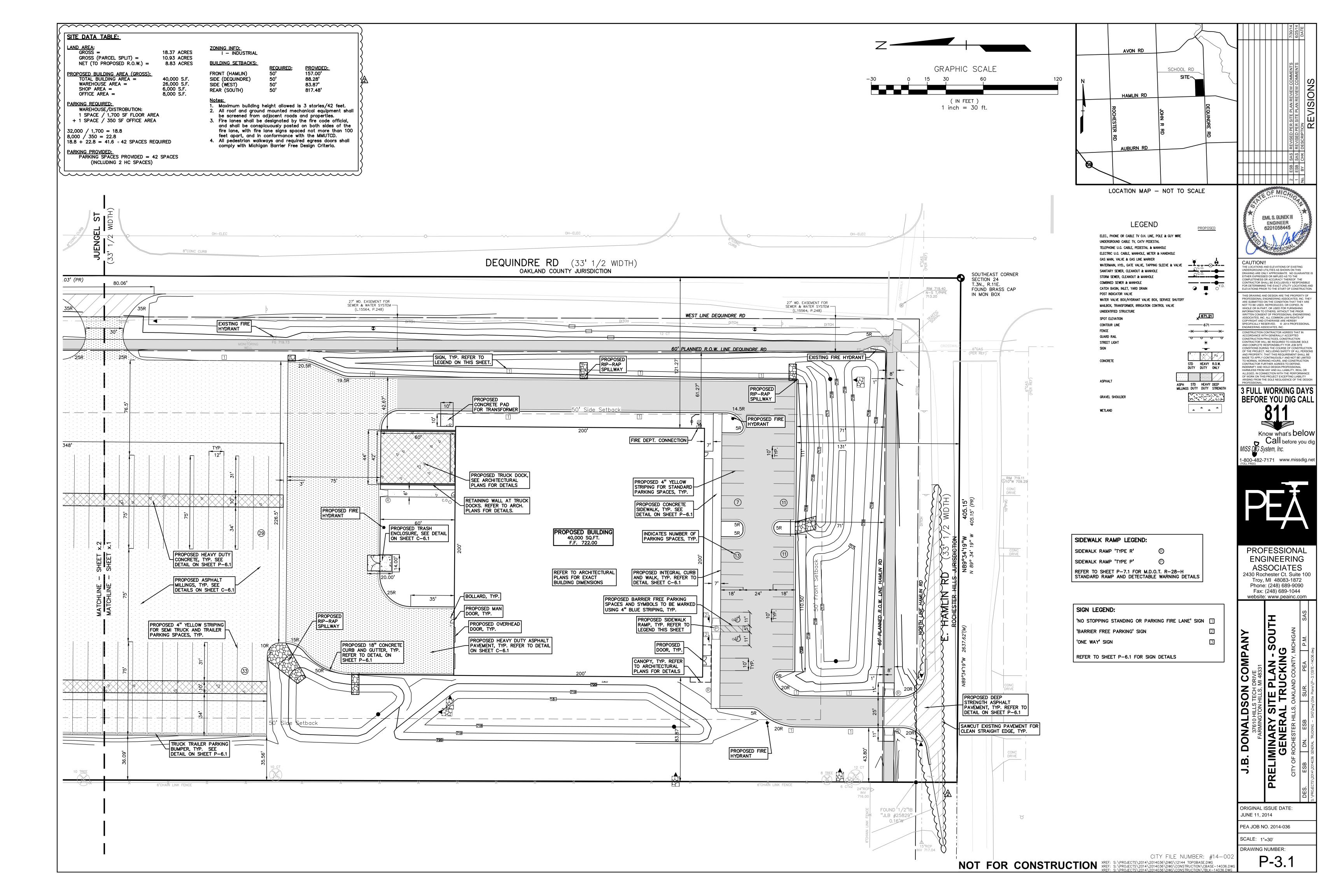
PEA JOB NO. 2014-036 SCALE: NONE

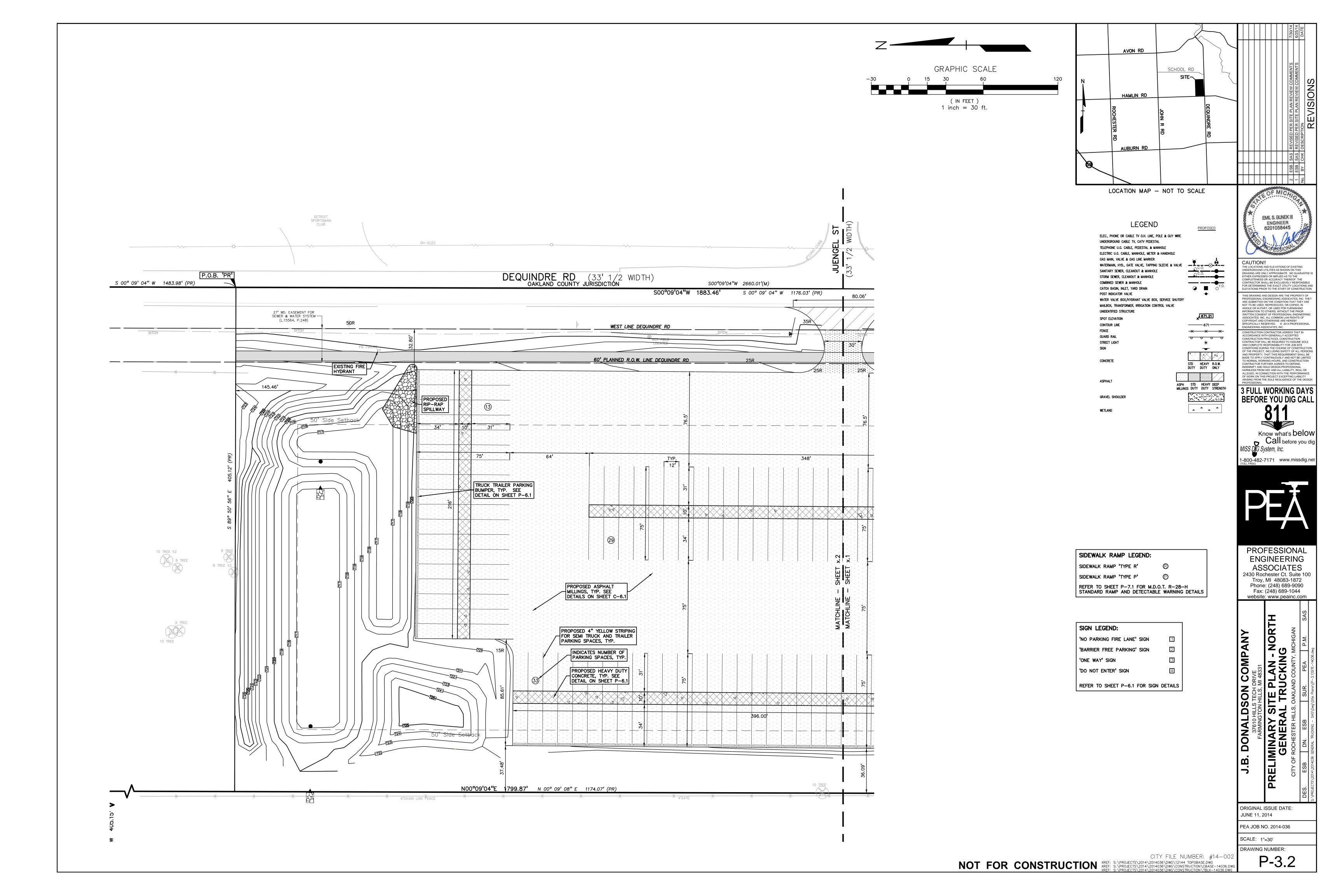
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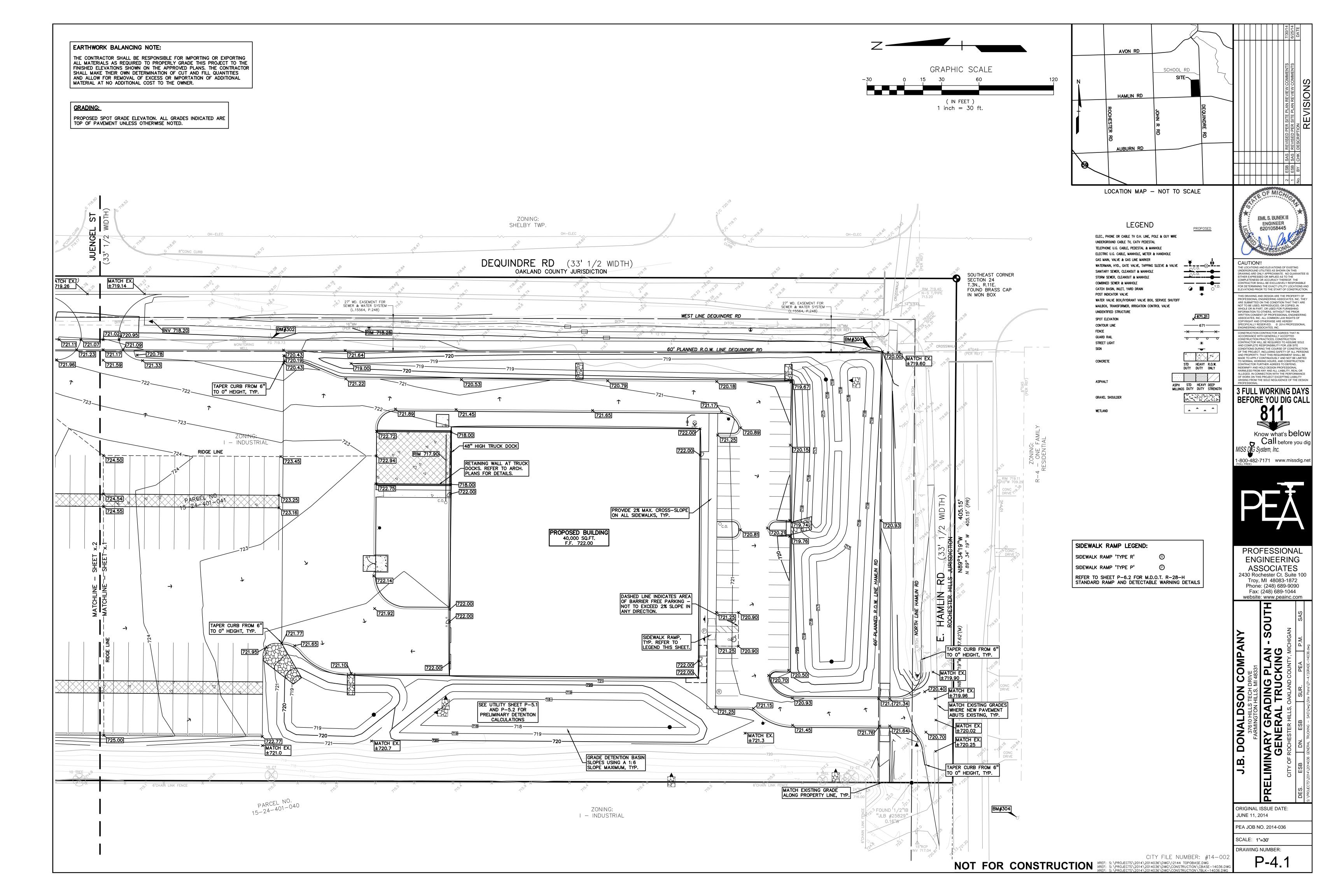


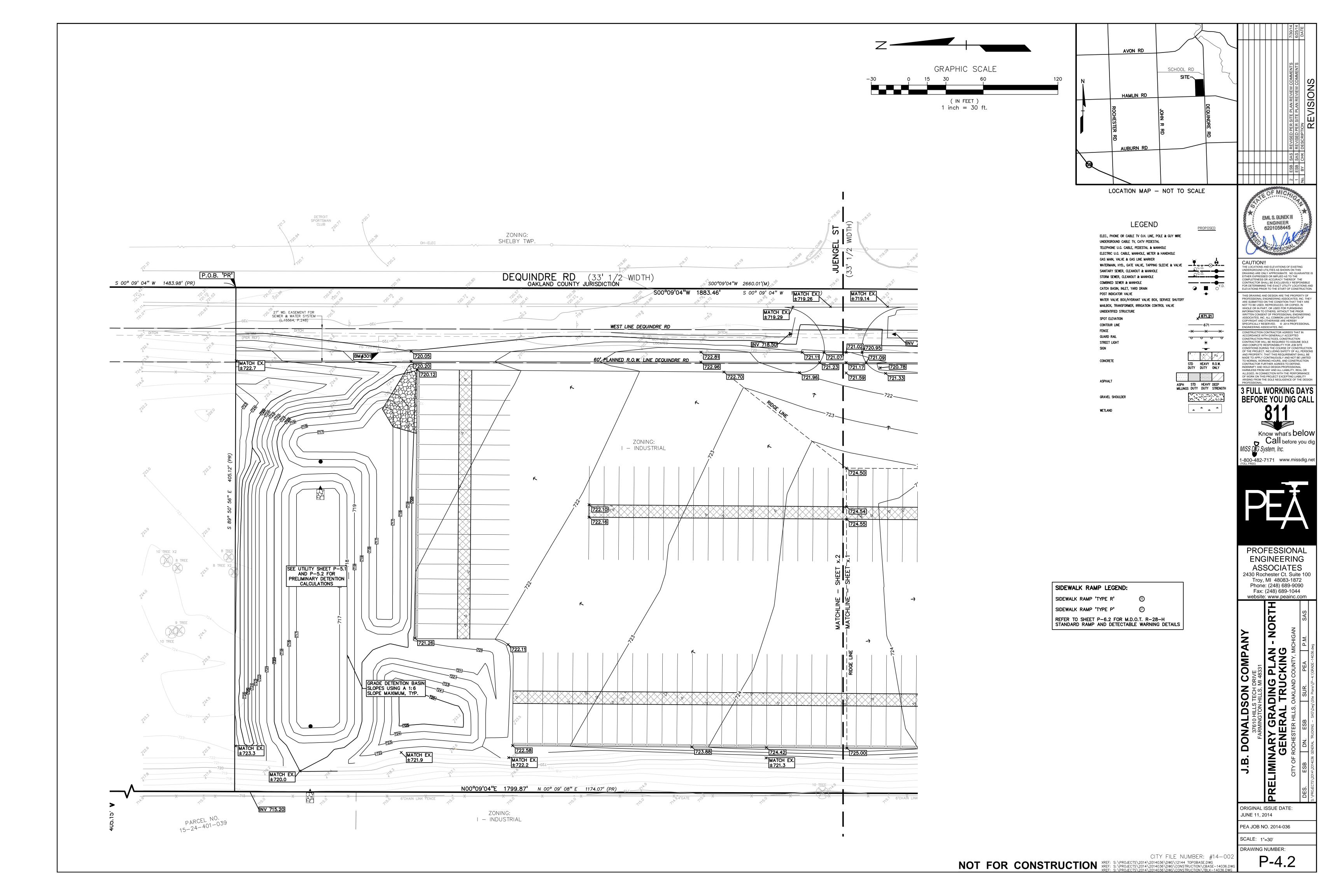


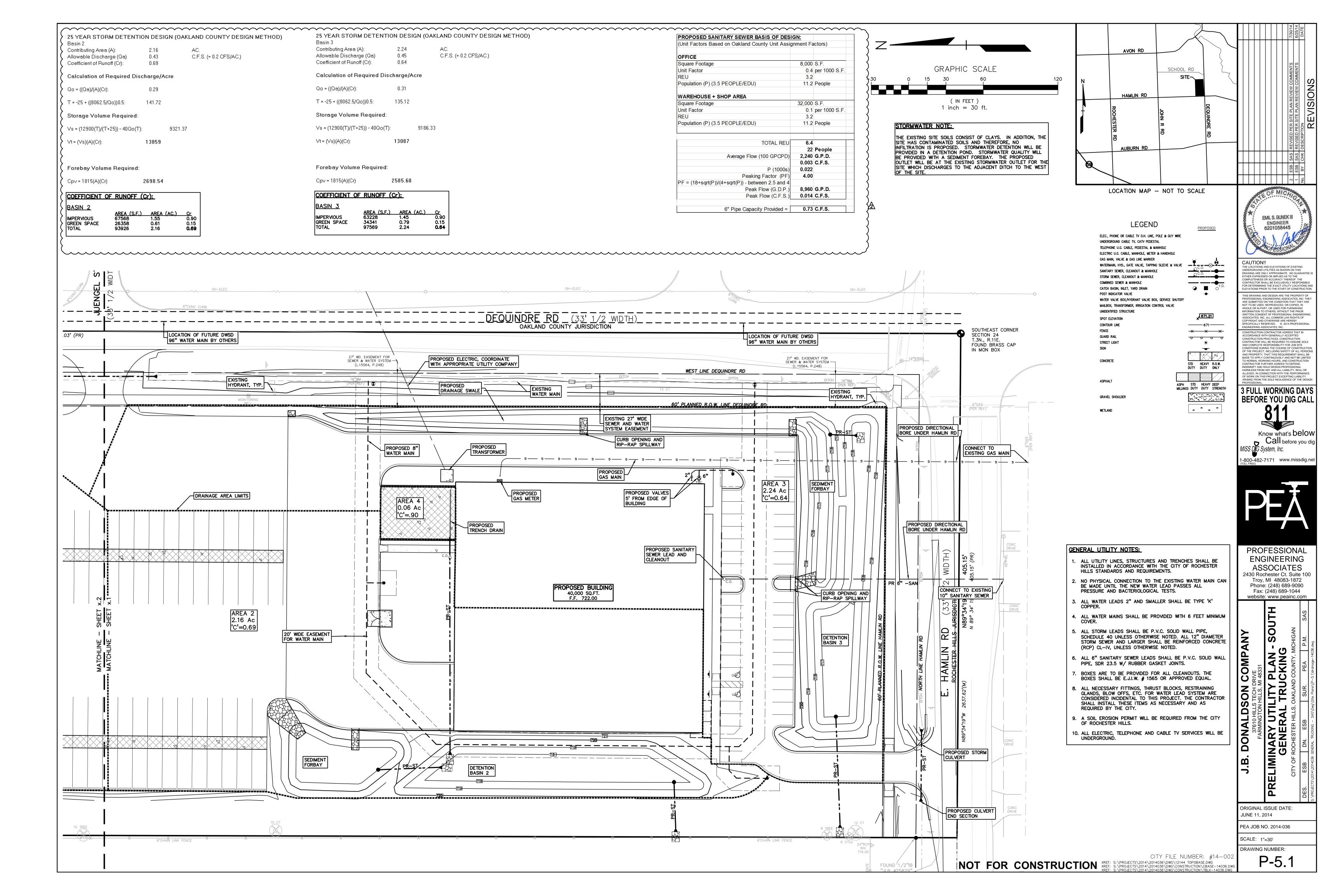


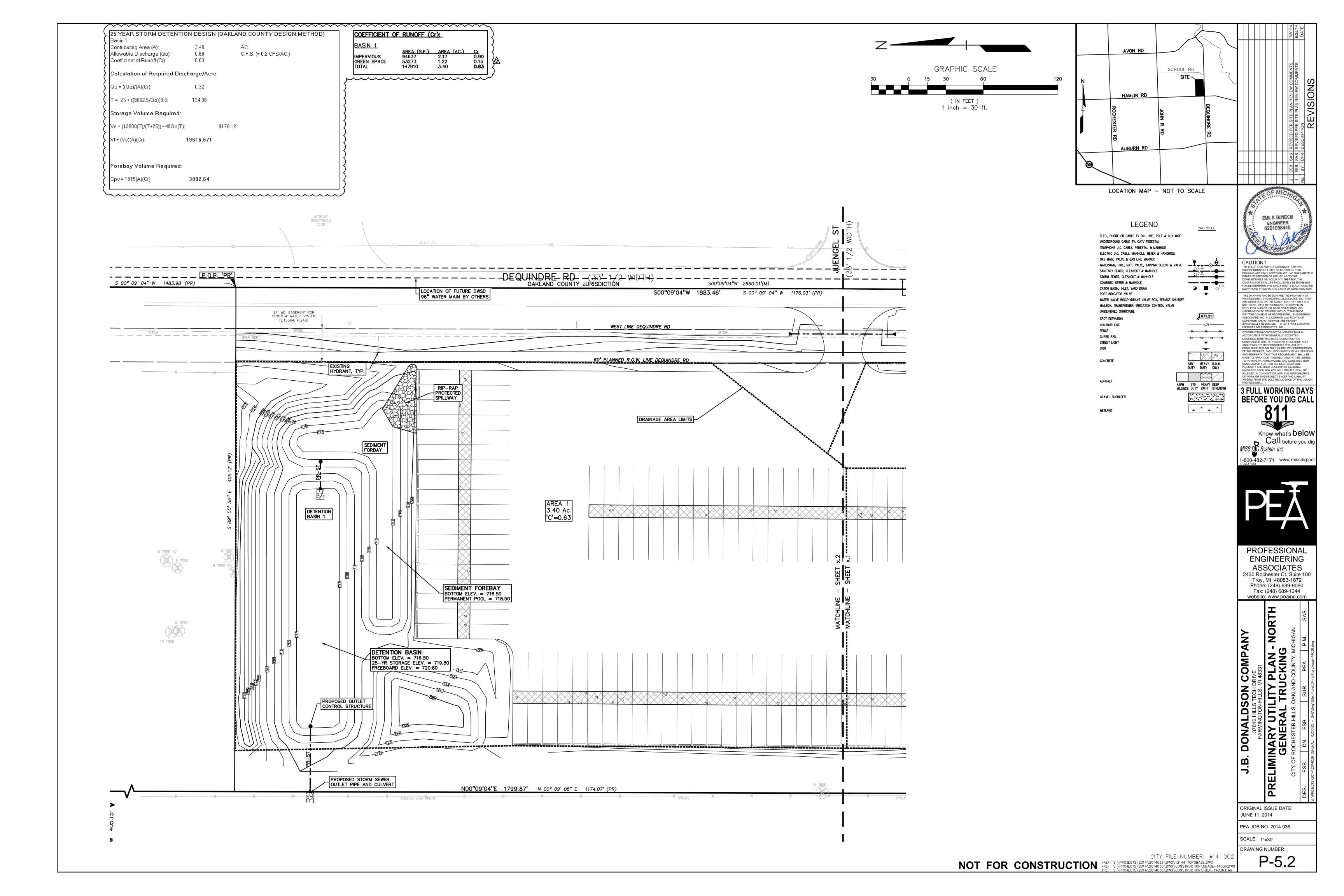


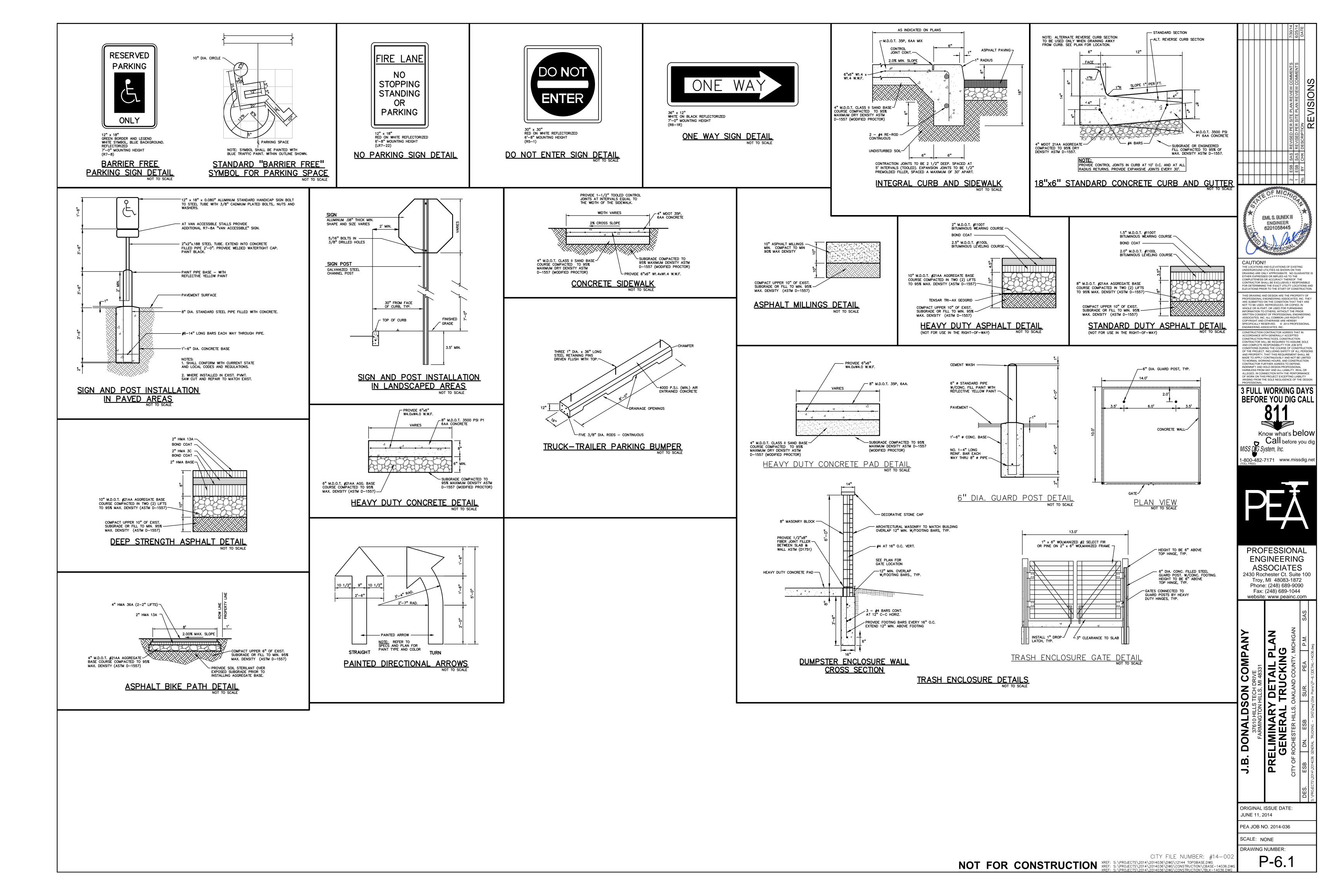


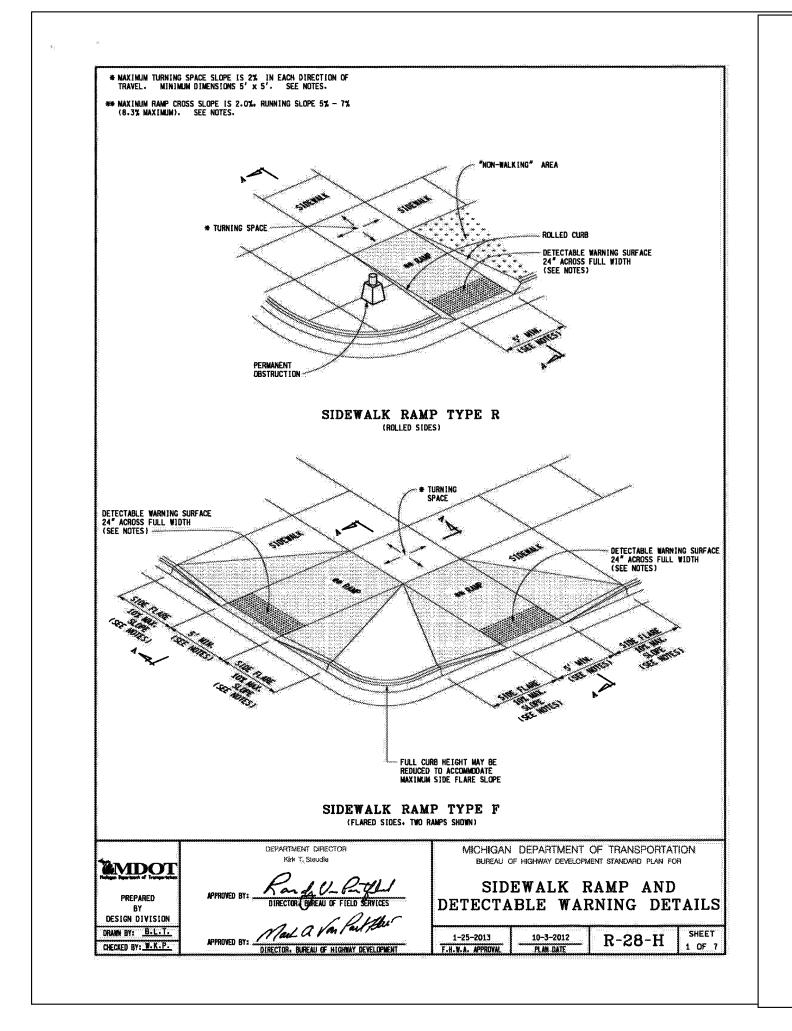


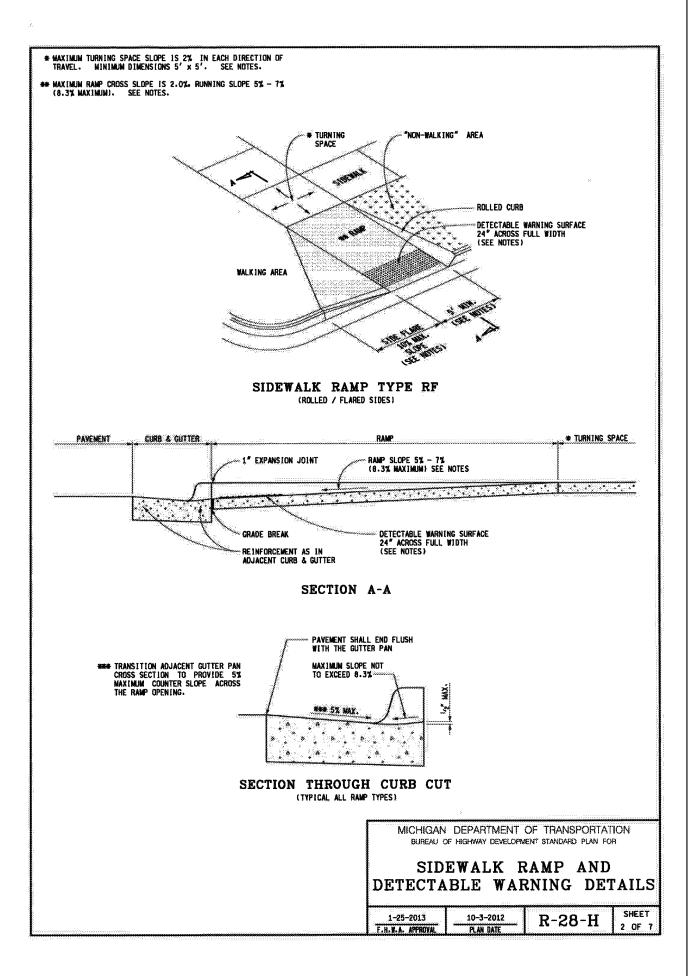


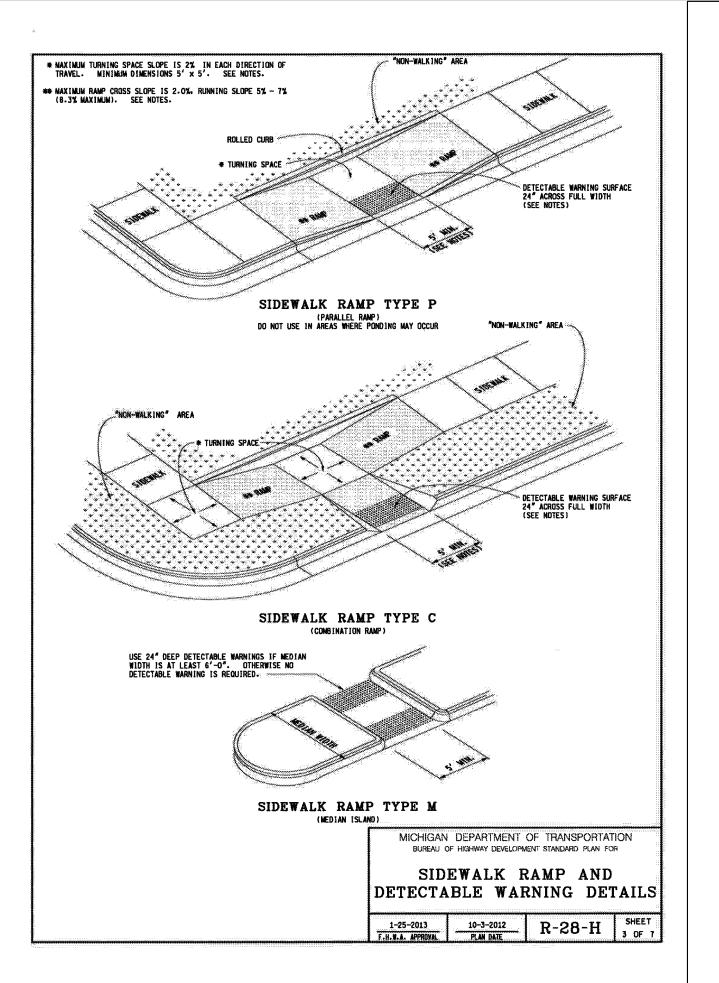


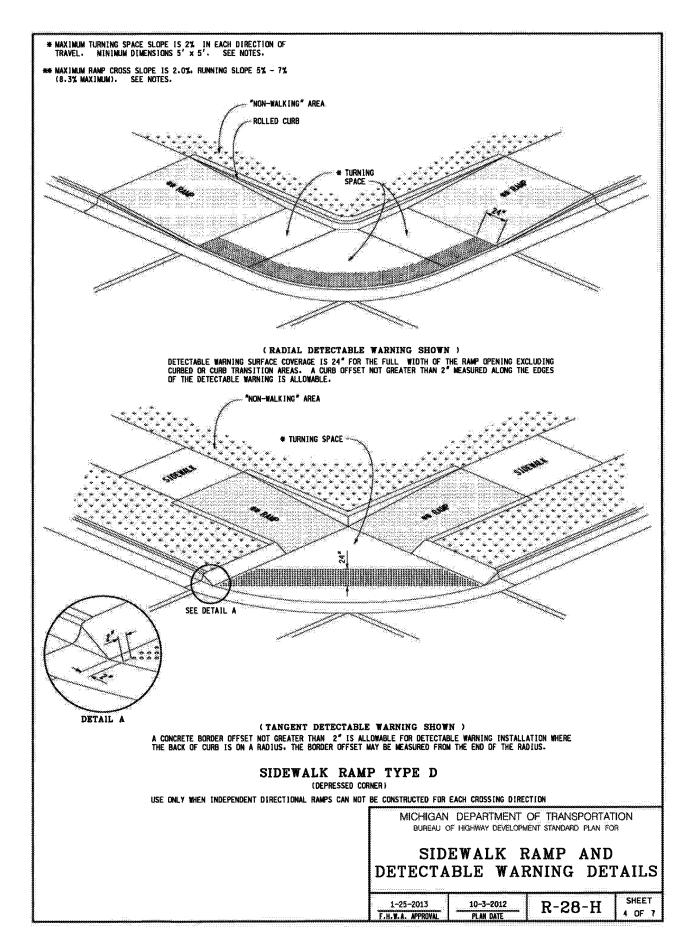


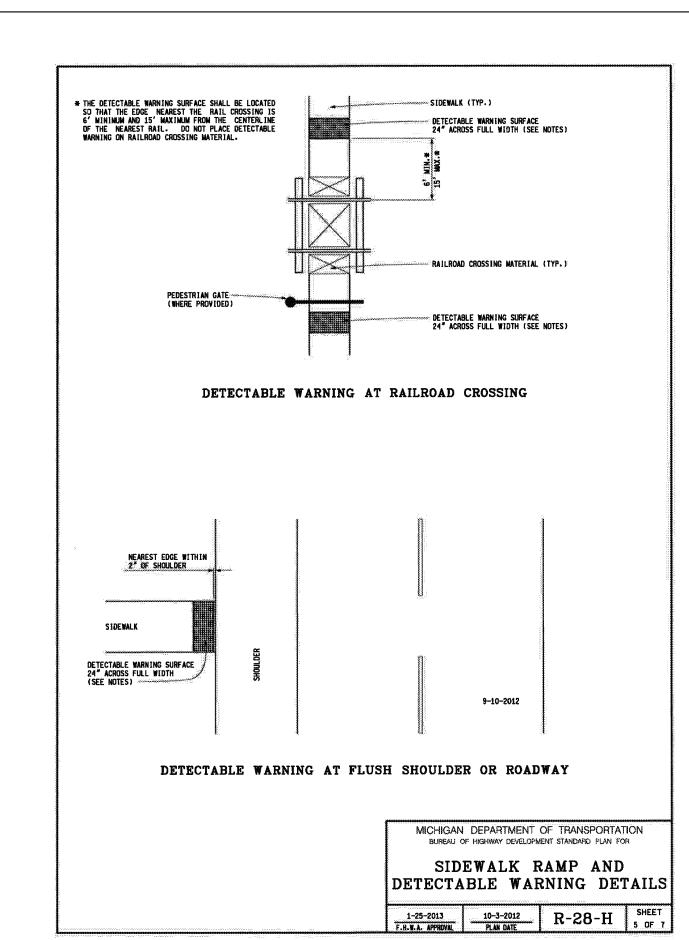


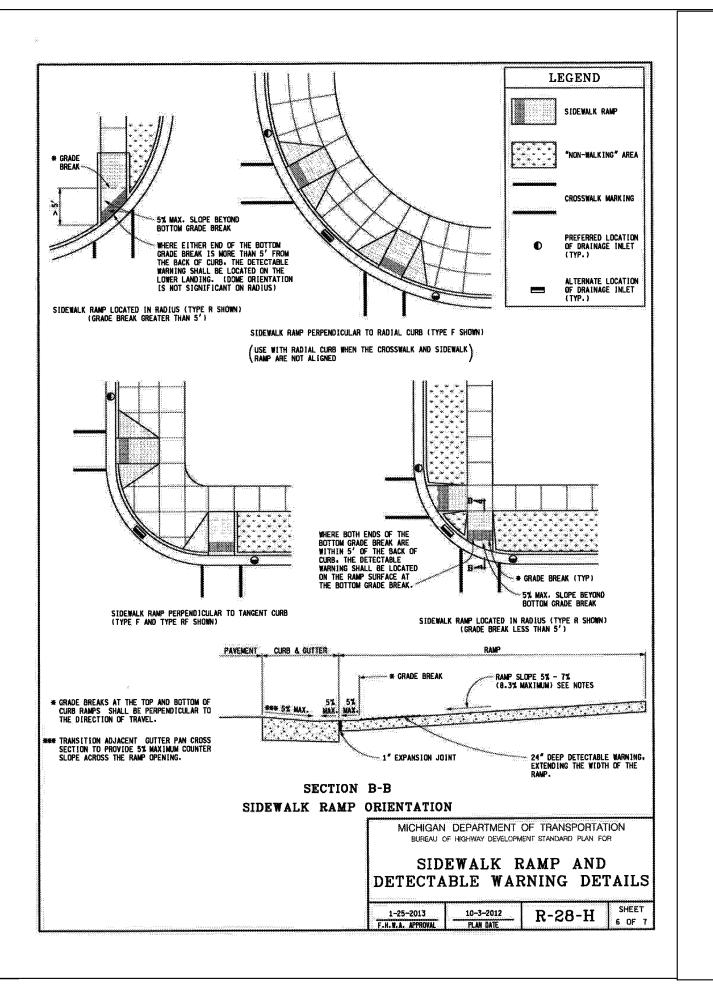


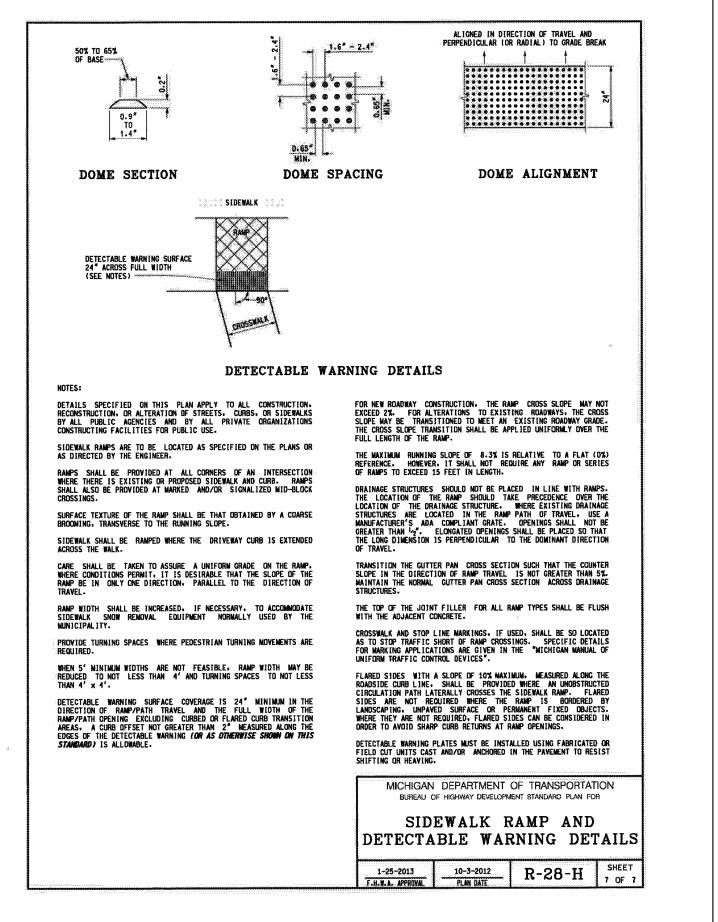










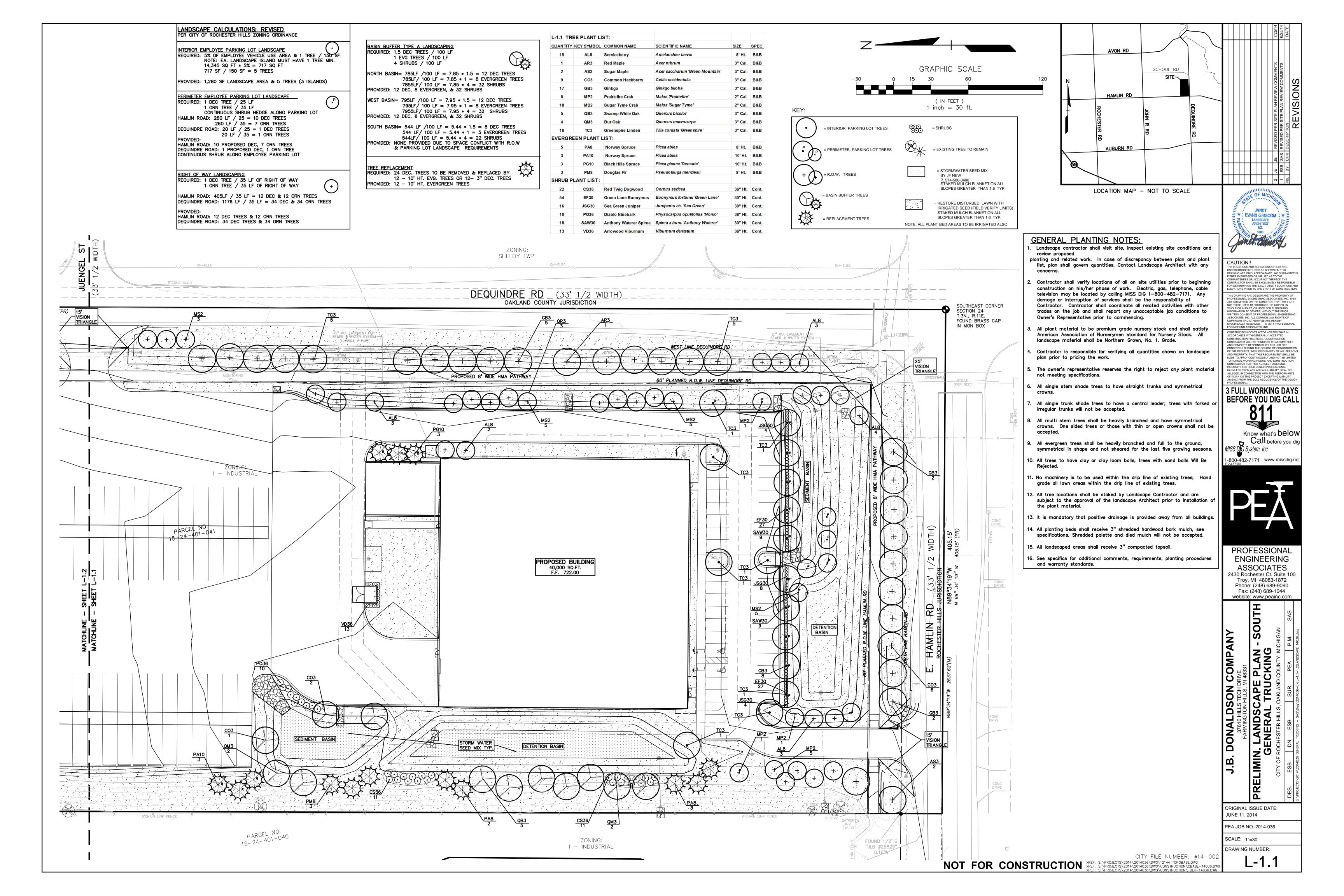


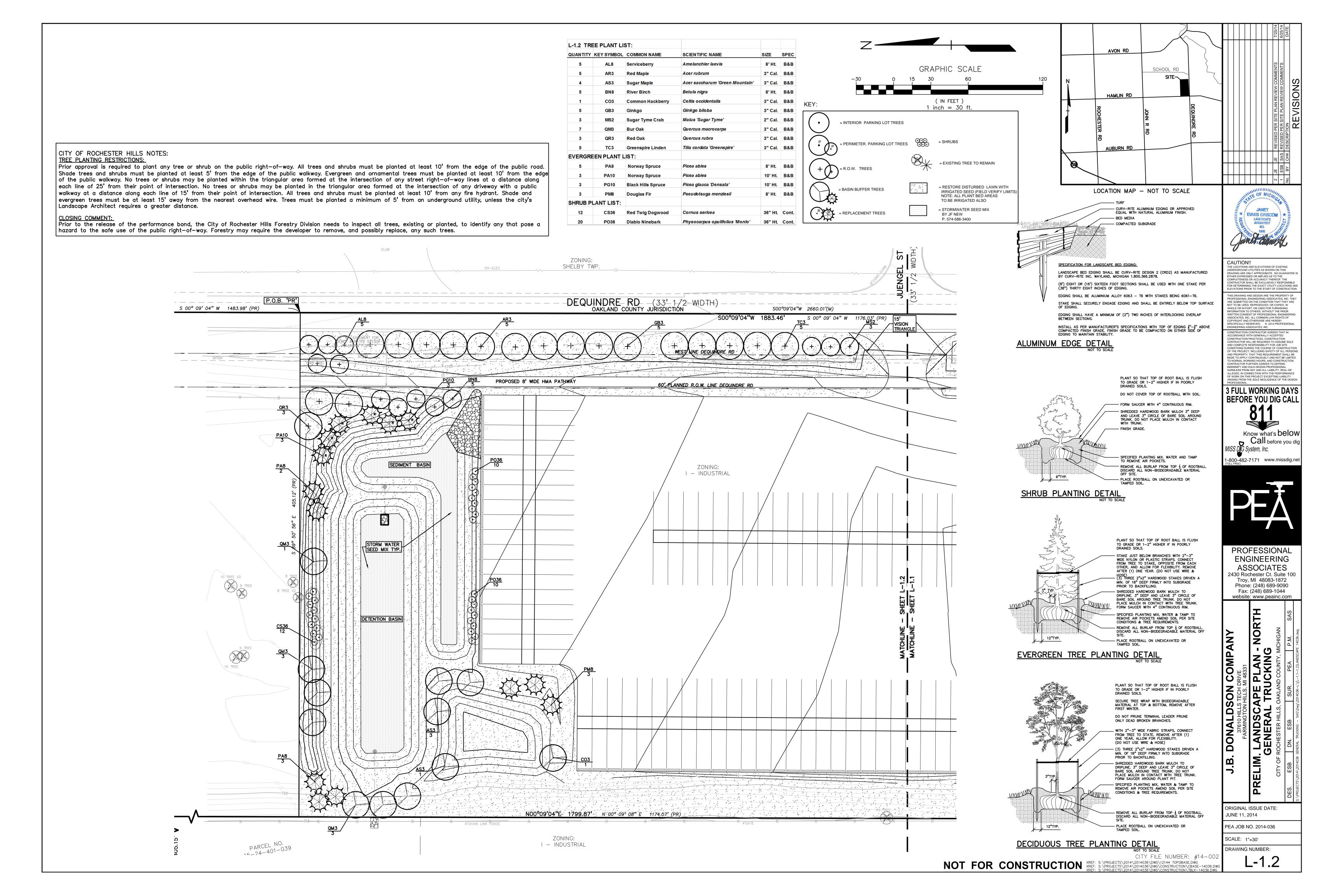


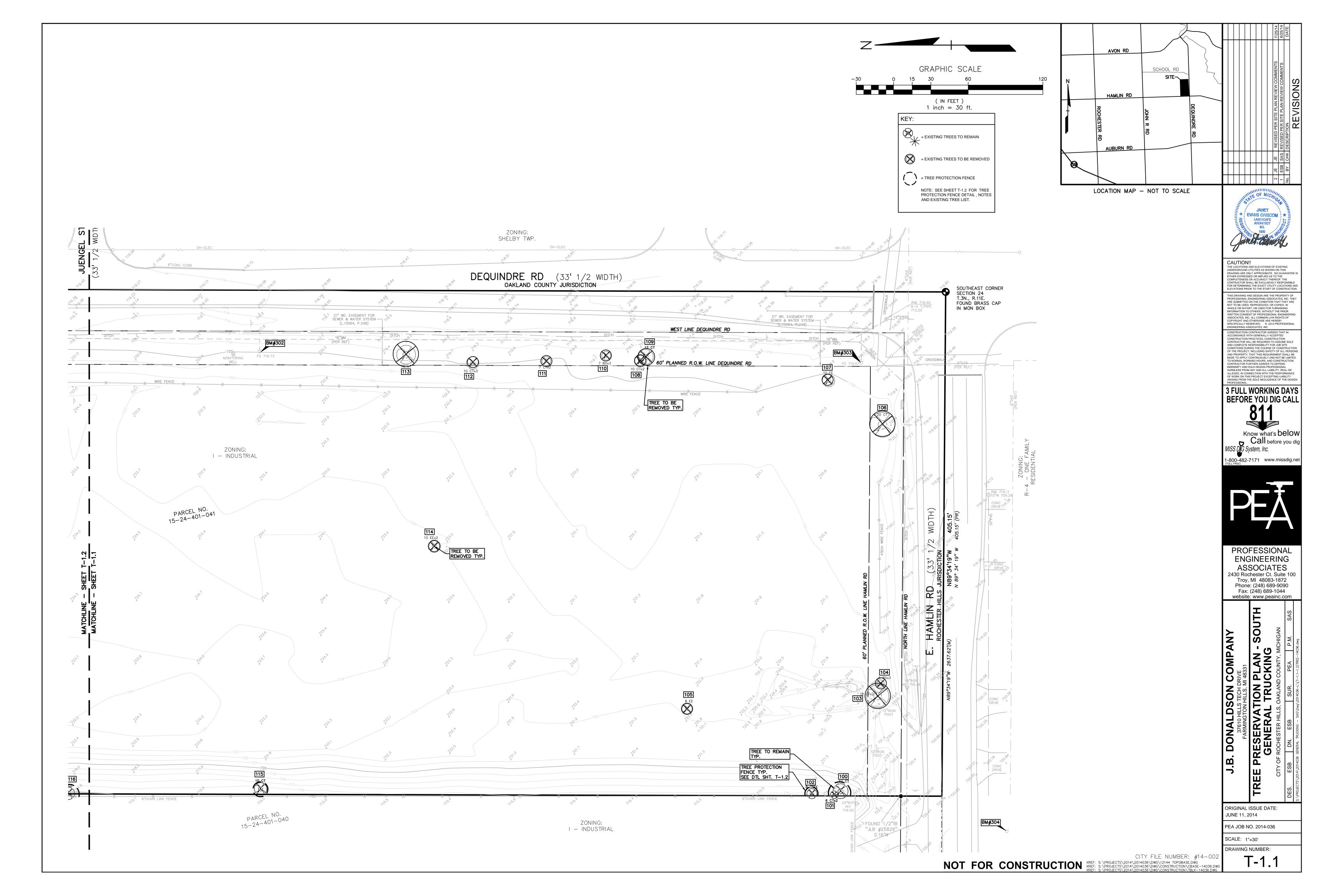
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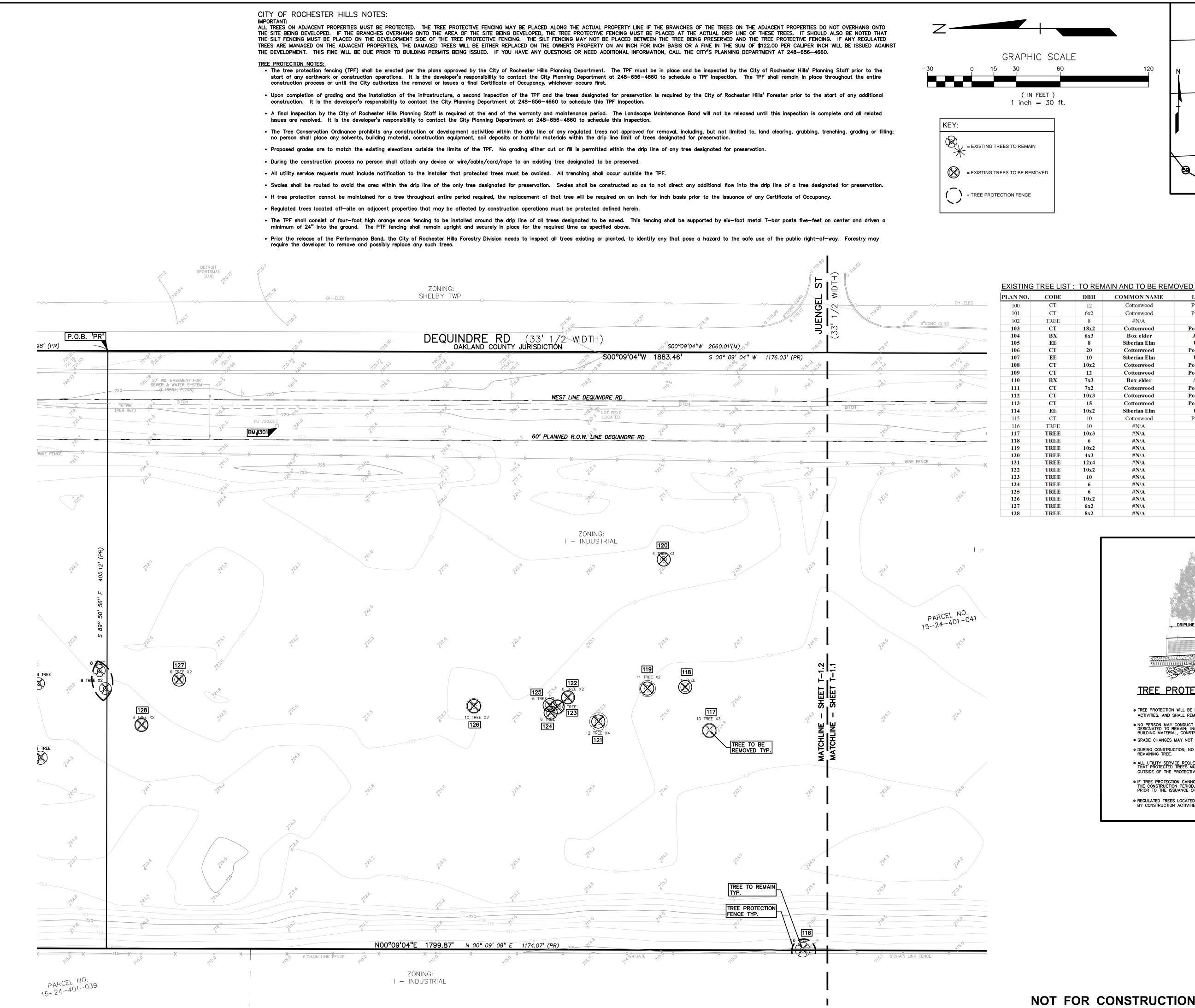
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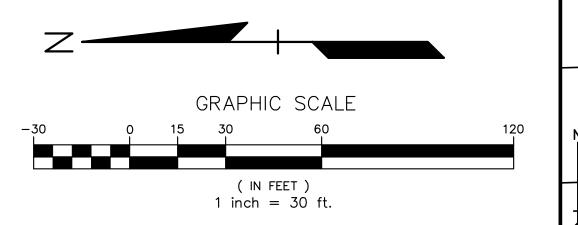
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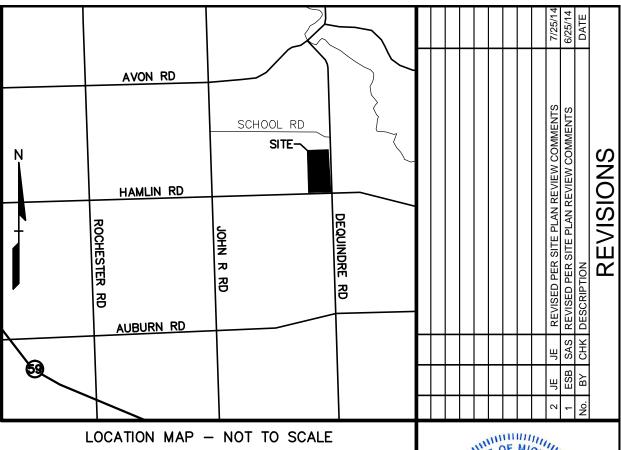












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Populus deltoides

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TREE PROTECTION FENCE DETAIL

\* TREE PROTECTION WILL BE ERECTED PRIOR TO START OF CONSTRUCTION ACTIVITIES, AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.

NO PERSON MAY CONDUCT ANY ACTIVITY WITHIN THE DRIP LINE OF ANY TREE DESIGNATED TO REMAIN; INCLUDING, BUT NOT LIMITED TO PLACING SOLVENTS, BUILDING MATERIAL, CONSTRUCTION EQUIPMENT, OR SOIL DEPOSITS WITHIN DRIP LINES.

\* GRADE CHANGES MAY NOT OCCUR WITHIN THE DRIP LINE OF PROTECTED TREES.  $\mbox{$\rlapalpha$}$  During construction, no person shall attach any device or wire to any remaining tree.

\* ALL UTILITY SERVICE REQUEST MUST INCLUDE NOTIFICATION TO THE INSTALLER THAT PROTECTED TREES MUST BE AVOIDED. ALL TRENCHING SHALL OCCUR OUTSIDE OF THE PROTECTIVE FENCING.

\* REGULATED TREES LOCATED ON ADJACENT PROPERTY THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES MUST BE PROTECTED.

\* IF TREE PROTECTION CANNOT BE MAINTAINED FOR A TREE THROUGHOUT THE CONSTRUCTION PERIOD, REPLACEMENT OF THAT TREE MAY BE REQUIRED PRIOR PRIOR TO THE ISSUANCE OF THE "CERTIFICATE OF OCCUPANCY.

Cottonwood

Cottonwood

#N/A

Cottonwood

Box elder

Siberian Elm

Cottonwood

Siberian Elm

Cottonwood

Cottonwood

Box elder

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CONDITION

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JANET \* : EVANS GRISCOM LANDSCAPE ARCHITECT

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website: www.peainc.com

PRESERVATION PLAN - NORTH GENERAL TRUCKING J.B. DONALDSON COMPANY

ORIGINAL ISSUE DATE: JUNE 11, 2014 PEA JOB NO. 2014-036

SCALE: 1"=30'

DRAWING NUMBER:

NOT FOR CONSTRUCTION

XREF: S:\PROJECTS\2014\2014036\DWG\12144 TOPOBASE.DWG

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DEQUINDRE RD (33' 1/2

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Luminaire Schedule

Number | Lumens Per Light Loss

Symbol	Label	Quantity	Manufacturer	Description	Catalog Number	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	НА	22	LITHONIA	Specification Area Luminaire, 250W Metal Halide, R4SC Sharp Cutoff Reflector, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	KSF1 250M R4SC (ON 20' POLE)	ONE (1) 250 WATT CLEAR BT28 PULSE START METAL HALIDE LAMP IN HORIZONTAL POSITION	1	KSF1_250M_R4S C.ies	22500	0.72	288
	НВ	10	LITHONIA	Specification Area Luminaire, 250W Metal Halide, R3 Reflector, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	KSF1 250M R3 (ON 20' POLE)	ONE (1) 250 WATT CLEAR BT28 PULSE START METAL HALIDE LAMP IN HORIZONTAL POSITION	1	KSF1_250M_R3.i es	22500	0.72	576
	НС	2	LITHONIA	Specification Area Luminaire, 250W Metal Halide, R4SC Sharp Cutoff Reflector, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	KSF1 250M R4SC (WALL MOUNT)	ONE (1) 250 WATT CLEAR BT28 PULSE START METAL HALIDE LAMP IN HORIZONTAL POSITION	1	KSF1_250M_R4S C.ies	22500	0.72	288
	HD	7	Lithonia Lighting	Specification Area Luminaire, 250W Metal Halide, R3 Reflector with houseside shield, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	KSF1 250M R3 HS (ON 20' POLE)	ONE (1) 250 WATT CLEAR BT28 PULSE START METAL HALIDE LAMP IN HORIZONTAL POSITION	1	KSF1_250M_R3_ HS.ies	22500	0.72	288

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
DRIVE AREA	*	1.8 fc	5.6 fc	0.4 fc	14.0:1	4.5:1
LARGE PARKING LOT	Ж	2.3 fc	7.6 fc	0.4 fc	19.0:1	5.8:1
OVERALL LTG VALUES AT GRADE	+	1.4 fc	7.6 fc	0.0 fc	N/A	N/A
PROPERTY LINE	+	0.0 fc	0.2 fc	0.0 fc	N/A	N/A
SMALL PARKING LOT	Ж	1.4 fc	5.1 fc	0.3 fc	17.0:1	4.7:1

		Loc	ation			
No.	Label	х	Y	МН	Orientation	Ti
1	НВ	9187.70	10592.46	20.00	90.00	0.0
2	НВ	9284.65	10591.58	20.00	90.00	0.0
3	HA	9013.02	10664.55	20.00	90.00	0.0
4	HA	9011.77	10519.76	20.00	90.00	0.0
5	HA	9122.72	10400.16	20.00	0.00	0.0
6	HA	9327.48	10396.38	20.00	0.00	0.0
7	HA	9456.40	10394.87	20.00	0.00	0.0
8	HA	9089.02	10706.21	20.00	180.00	0.0
9	HA	9244.38	10706.22	20.00	180.00	0.0
10	HA	9491.10	10702.57	20.00	180.00	0.0
11	HA	9386.90	10726.60	20.00	270.00	0.0
12	НВ	9473.96	10588.24	20.00	90.00	0.0
13	HC	9637.53	10621.97	18.00	270.00	0.0
14	HC	9636.65	10483.03	18.00	270.00	0.0
15	HA	9584.84	10586.81	20.00	270.00	0.0
16	HA	9921.35	10636.67	20.00	270.00	0.0
17	HA	9921.77	10519.67	20.00	270.00	0.0
18	HA	9920.50	10456.95	20.00	270.00	0.0
19	HA	9164.30	10704.68	20.00	180.00	0.0
20	HA	9420.49	10702.57	20.00	180.00	0.0
21	HA	9191.37	10396.38	20.00	0.00	0.0
22	HA	9395.88	10396.38	20.00	0.00	0.0
23	НВ	9223.48	10501.59	20.00	90.00	0.0
24	НВ	9315.28	10500.71	20.00	90.00	0.0
25	НВ	9492.11	10500.71	20.00	90.00	0.0
26	HA	9584.07	10518.90	20.00	270.00	0.0
27	НВ	9131.90	10501.59	20.00	90.00	0.0
28	НВ	9367.99	10591.58	20.00	90.00	0.0
29	НВ	9410.31	10500.71	20.00	90.00	0.0
30	НВ	9094.71	10592.46	20.00	90.00	0.0
31	HA	9259.28	10396.38	20.00	0.00	0.0
32	HA	9325.35	10705.58	20.00	180.00	0.0
33	HD	9574.80	10687.53	20.00	180.84	0.0
34	HD	9865.92	10684.94	20.00	180.84	0.0
35	HD	9673.13	10686.76	20.00	180.90	0.0
36	HD	9770.50	10688.37	20.00	180.84	0.0
37	HA	9012.40	10594.04	20.00	90.00	0.0
38	HD	9573.02	10445.14	20.00	0.84	0.0
39	HD	9980.17	10396.86	20.00	0.00	0.0
40	HA	9921.77	10582.26	20.00	270.00	0.0
41	HD	9886.55	10396.86	20.00	0.00	0.0

Plan View Scale - 1" = 40'

#### te

LIGHTING QUALITY COMPLIANCE.

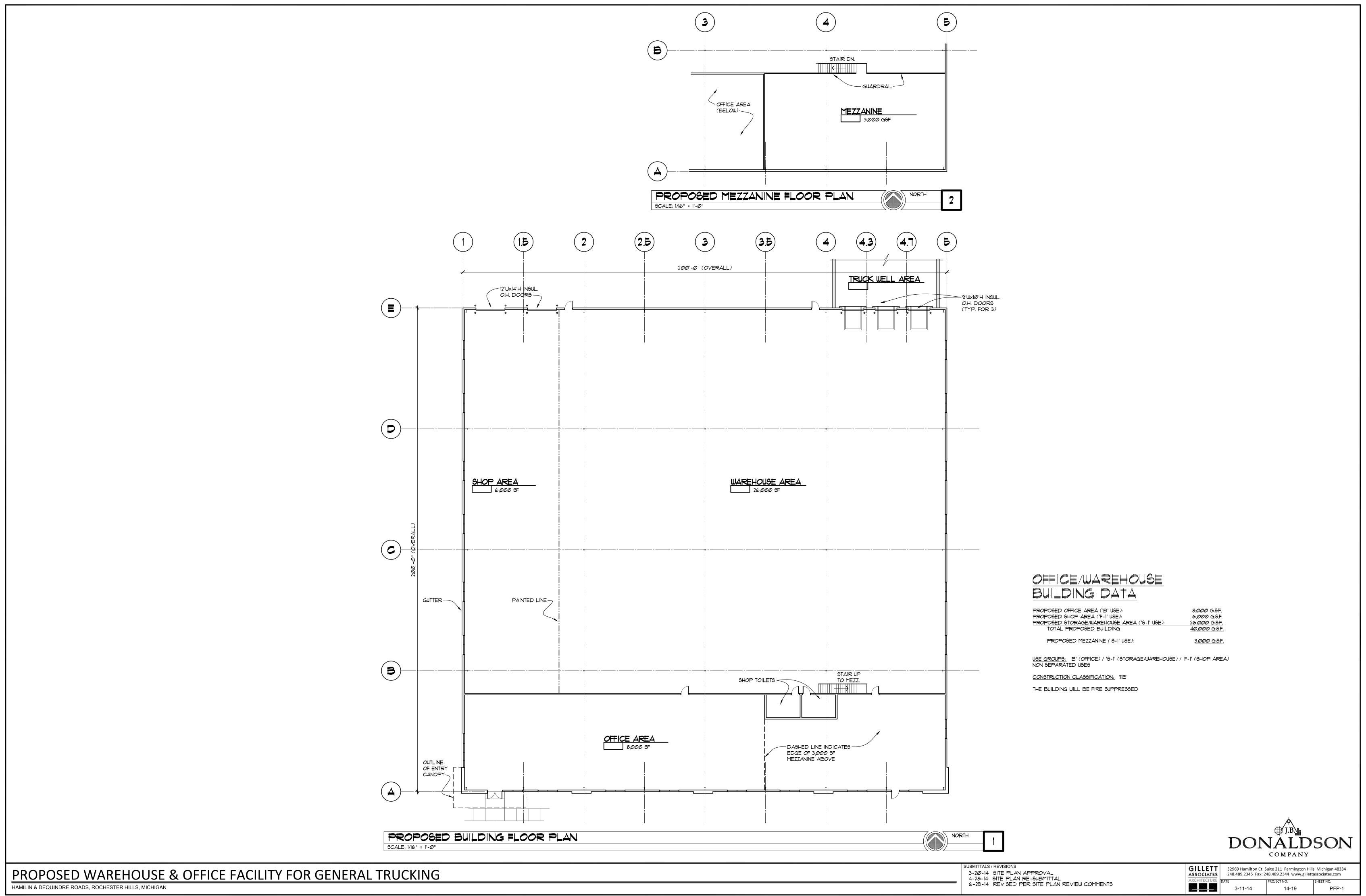
1. SEE MH COLUMN OF LUMINAIRE LOCATIONS FOR MOUNTING HEIGHTS.

2. SEE LUMINAIRE SCHEDULE FOR LIGHT LOSS FACTORS.3. CALCULATIONS ARE SHOWN IN FOOTCANDLES AT GRADE.

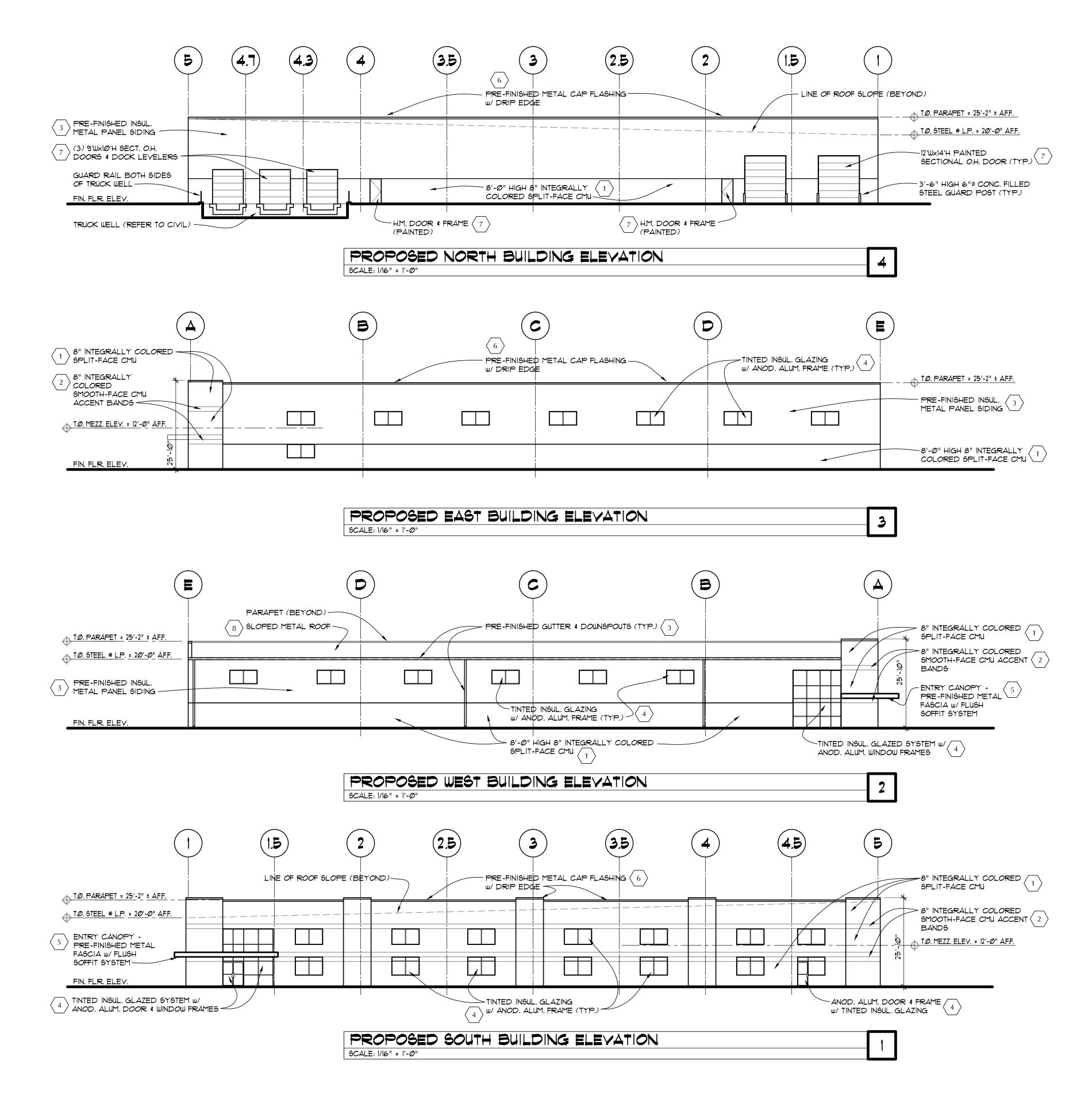
THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT
TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS
CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH

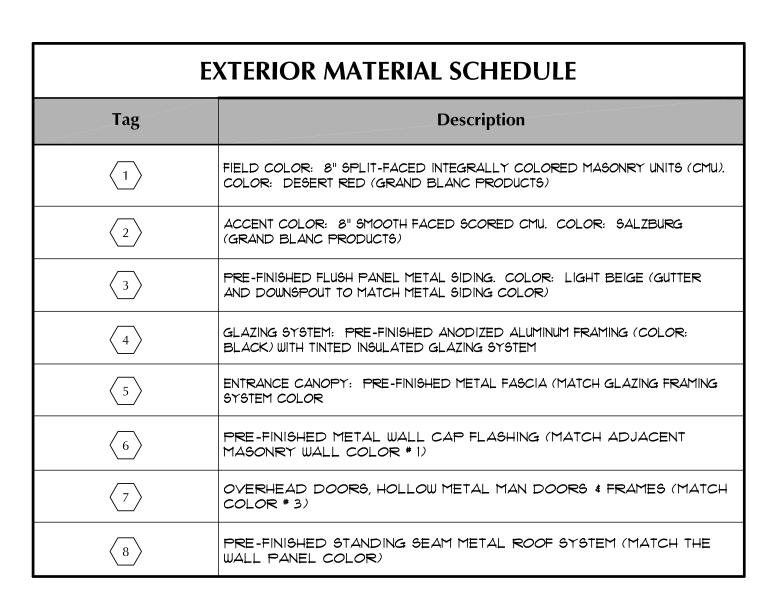
CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.

GBA DOES NOT ACT AS THE CIVIL OR STRUCTURAL ENGINEER AND DOES NOT DETERMINE BASE REQUIREMENTS. POLES SPECIFICATIONS ARE NOT INCLUDED WITH EXTERIOR LIGHTING PHOTOMETRIC ANALYSIS. THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR MICHIGAN ENERGY CODE AND



CITY FILE # 14-002

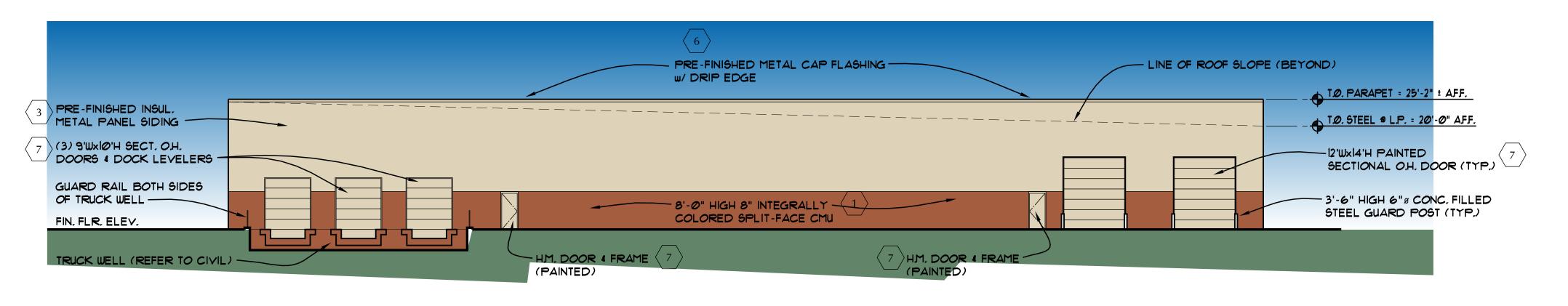




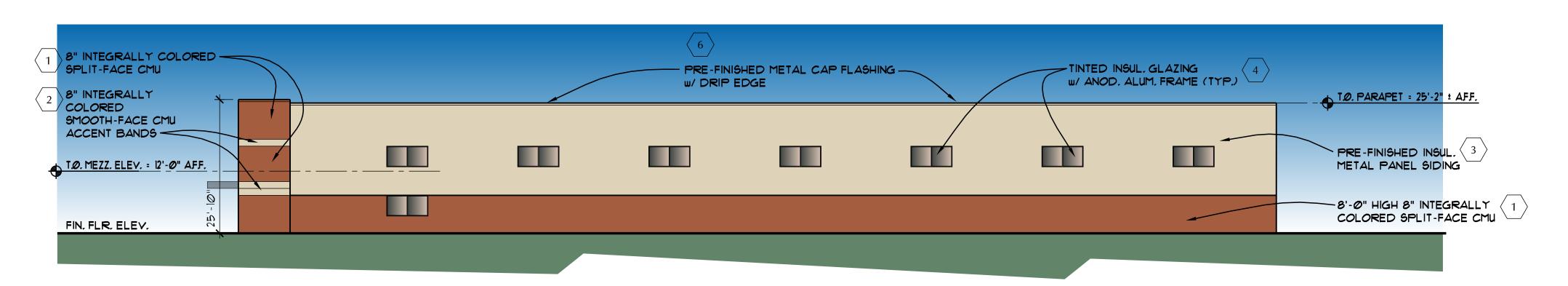


CITY FILE # 14-002

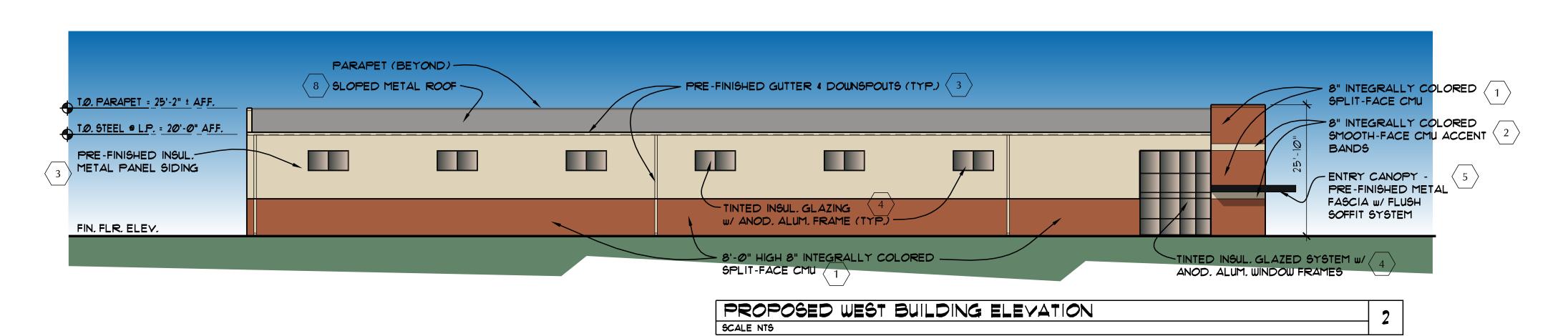
HAMLIN & DEQUINDRE ROADS, ROCHESTER HILLS, MICHIGAN



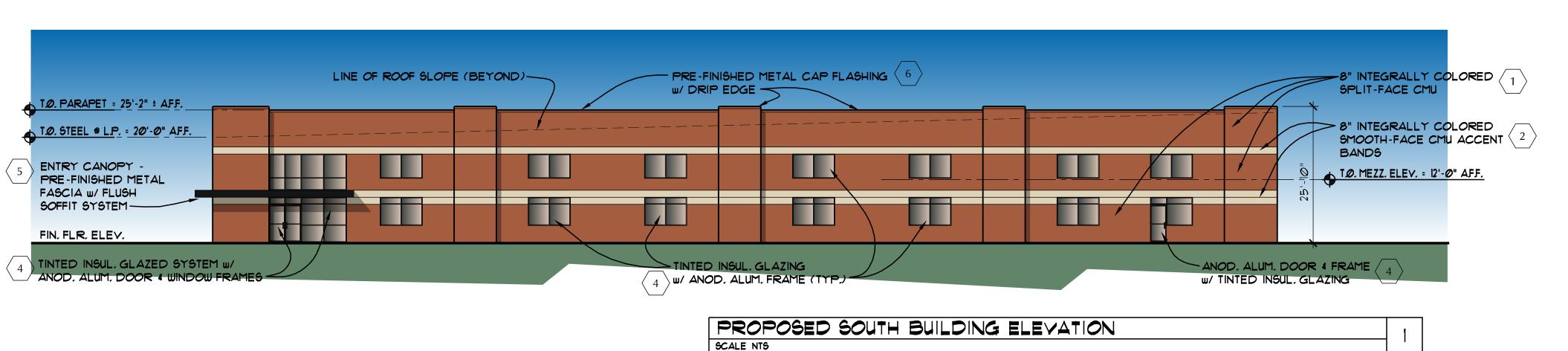
PROPOSED NORTH BUILDING ELEVATION SCALE NTS



PROPOSED EAST BUILDING ELEVATION SCALE NTS



EXTERIOR MATERIAL SCHEDULE						
Tag Description						
1	FIELD COLOR 8" SPLIT-FACED INTEGRALLY COLORED MASONRY UNITS (CMU). COLOR DESERT RED (GRAND BLANC PRODUCTS)					
2	ACCENT COLOR 8" SMOOTH FACED SCORED CMU. COLOR SALZBURG (GRAND BLANC PRODUCTS)					
3	PRE-FINISHED FLUSH PANEL METAL SIDING. COLOR LIGHT BEIGE (GUTTER AND DOWNSPOUT TO MATCH METAL SIDING COLOR)					
4	GLAZING SYSTEM PRE-FINISHED ANODIZED ALUMINUM FRAMING (COLOR BLACK) WITH TINTED INSULATED GLAZING SYSTEM					
5	ENTRANCE CANOPY PRE-FINISHED METAL FASCIA (MATCH GLAZING FRAMING SYSTEM COLOR					
6	PRE-FINISHED METAL WALL CAP FLASHING (MATCH ADJACENT MASONRY WALL COLOR # 1)					
7	OVERHEAD DOORS, HOLLOW METAL MAN DOORS & FRAMES (MATCH COLOR * 3)					
8	PRE-FINISHED STANDING SEAM METAL ROOF SYSTEM (MATCH THE WALL PANEL COLOR)					



J.B. DONALDSON