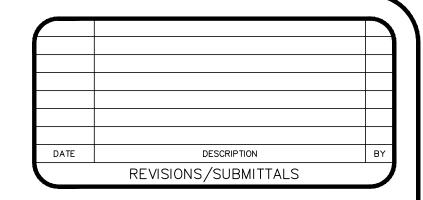
CHARLOTTE DAIRY QUEEN



NOTES

GENERAL

- 1. BENCHMARK #1:
 - Set mag nail in the East face of power pole, 2.5'± East of the East back of curb of Cochran Avenue, and 2.5'± North of the North wall line of House #417. Elevation: 901.20 (NAVD 88)
- 2. The contractor shall call "MISS DIG" at 1-800-482-7171 at least 3 working days (excluding weekends and holidays) prior to construction.
- 3. All work shall be done in accordance with the applicable codes, ordinances, design standards and standard specifications of the following agencies which have the responsibility of reviewing plans and specifications for construction of all items included in these plans:
 - a. City of Charlotte b. Eaton County
 - c. State of Michigan
 - d. Michigan Department of Transportation
- 4. The contractor shall apply for and obtain all necessary permits as required for construction of this project prior to the beginning of work from the previously mentioned
- 5. The contractor shall notify the Michigan Department of Transportation a minimum of 24 hours prior to any construction in the road right-of-way of Cochran Road
- 6. The contractor agrees that in accordance with generally accepted construction practices, the contractor will be required to assume sole responsibility for job site conditions during the course of construction of the project, including the safety of all persons and property. This requirement shall be made to apply continuously and not be limited to normal working hours.
- 7. The locations and dimensions shown on the plans for existing facilities are in accordance with all available information. The engineer does not guarantee the accuracy of this information or that all existing underground facilities are shown.
- B. When any existing utility requires adjustment or relocation, the contractor shall notify the proper utility company and coordinate the work accordingly. There shall be no claim made by the contractor for any costs caused by delays in construction due to the adjustment or relocation of
- 9. The contractor is to verify that the plans and specifications that he/she is building from are the very latest plans and specifications that have been approved by all applicable permit-issuing agencies and the owner. All items constructed by the contractor prior to receiving the final approval and permits having to be adjusted or re-done, shall be done at the contractor's expense.
- 10. Should the contractor encounter conflict between these plans and specifications, either among themselves or with the requirements of any and all reviewing and permit—issuing agencies, he/she shall seek clarification in writing from this engineer before commencement of construction. Failure to do so shall be at the sole expense to the contractor.
- 11. Unless otherwise noted the contractor shall furnish as—built drawings indicating all changes and deviations from approved drawings.
- 12. All signs and traffic control measures during construction and maintenance activities shall be constructed and installed per the latest edition of the Michigan Manual of Uniform Traffic Control Devices (M.M.U.T.C.D.)
- 13. LSG Engineers & Surveyors will not be responsible for field design changes made by the contractor or the contractor's surveyor where LSG Engineers & Surveyors has not approved these design changes.

GRADING AND SITE WORK

- 1. Prior to grading, cutting and filling the contractor shall remove all topsoil, debris, vegetation, etc. from the site. Acceptable material excavated from the cut areas shall be used for fill. Fill shall be placed in layers not exceeding depths of 12 inches and shall be compacted to 95% of its maximum unit weight.
- 2. The contractor shall proof—roll the existing subgrade to determine its suitability. If, in the opinion of the engineer, the subgrade is unsuitable that portion of the subgrade shall be excavated and replaced with a minimum of 12" M.D.O.T. Class II granular material.
- 3. All site grading must be performed to insure positive drainage across the entire site, throughout the period of construction and after project completion.
- 4. All sedimentation and soil erosion control measures shall be constructed prior to the commencement of site grading and must conform to Part 91 of Act 451 of the Public Acts of 1994 as amended. All applicable permits shall be obtained before implementing these measures. The contractor shall be responsible for maintaining the sedimentation and soil erosion control measures throughout construction.

STORM DRAINAGE SYSTEM

- 1. Unless otherwise noted all storm drain pipe shall be ASTM C-76 Class III or better, with premium joints. All storm drain with less than 3 feet of cover below paved areas shall be ASTM C-76 Class IV, with premium joints.
- 2. All storm drain service leads shall be 6" minimum SDR-35 connected via a cored hole and Kor-N-Seal or equivalent unless otherwise noted on these plans.
- 3. All storm drain manholes and catch basins shall conform to the City of Charlotte Standard Details included in these
- 4. All storm drain below paved areas shall be backfilled with 100% granular material (or approved other) and compacted to 95% of its maximum unit weight (see typical trench details included in these plans).
- 5. All frames and covers on drainage structures shall be non-rocking, made of heavy duty cast iron and shall conform to the casting schedule.
- 6. All rim elevations in outlawn areas are approximate only and shall be adjusted by the contractor after final grades are established.
- 7. See Storm Drain Details.

SANITARY SEWER SYSTEM

- 1. All construction of the sanitary sewer system shall conform to the sanitary sewer construction plans and specifications approved by City of Charlotte.
- 2. All sanitary sewer pipe shall be PVC SDR-35 unless otherwise noted on these plans.
- 3. All sanitary service pipe shall be 6" minimum Schedule 40 or SDR-35 unless otherwise noted on these plans.
- 4. All rim elevations in outlawn areas are approximate only and shall be adjusted by the contractor after final grades are established.
- 5. All sanitary sewer below paved areas shall be backfilled with 100% granular material (or approved other) and compacted to 95% of its maximum dry density (see typical trench details included in these plans).
- 6. All sanitary sewer manholes shall conform to the City of Charlotte standards.
- 7. All service laterals shall have a sampling manhole at the
- 8. All service laterals shall have cleanouts at 50 foot
- 9. See Sanitary Sewer Details.

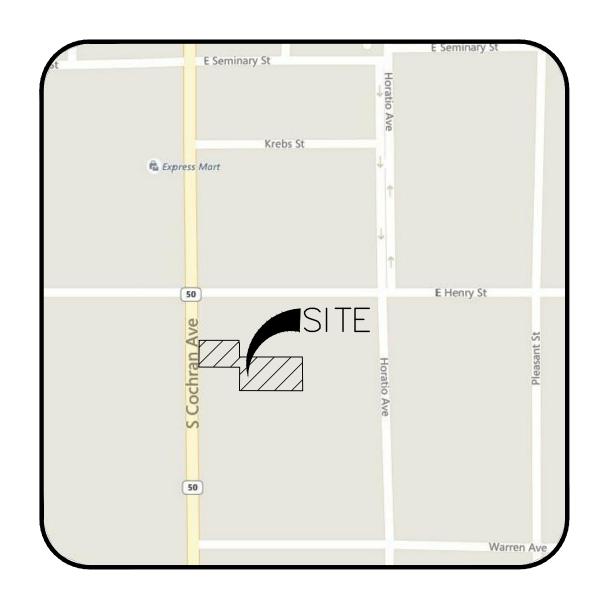
WATER MAIN SYSTEM

- 1. All water main shall be class 52 ductile iron unless otherwise noted on these plans.
- 2. All construction of the water main service system shall conform to the water main construction plans and
- 3. All water main shall be installed with a minimum of 6.0 feet of cover from finished grades.

specifications approved by the City of Charlotte.

- 4. A full length of water main pipe shall be centered from the point of crossings of all sewers with a minimum vertical clearance of 1.5 feet. In the event a clearance of less than 1.5 feet is constructed, the intersection shall be encased in concrete.
- 5. All elevations in outlawn areas are approximate only and shall be adjusted by the contractor after finish grades are
- 6. All water main within a 45° zone of influence of paved areas shall be backfilled with 100% granular material (or approved other) and compacted to 95% of its maximum unit weight (see typical trench details included in these
- 7. All water main shall have a minimum 10' horizontal separation from any storm or sanitary sewer.
- 8. All ductile iron water main pipe, fittings, and valves are to be encased within 8-mil thick polyethylene wrap.
- 9. Water services shall be 1.5" type K copper pipe with Ford FB 1000 corporation stop and 1.5" Mueller Mark II Oriseal or Ford B44-666 curb stop and box at rear of 10' utility easement.
- 10. See Water Main Details.

407 S COCHRAN CHARLOTTE, MI 48813



LOCATION MAP

	× 100.0	00	
	- — —851-		
	 850		
G-	———G—		G
——T-	——т–		T
——Е-	——Е-		E
	-STM	—STM-	
	SAN	—SAN-	
W-	W-		W
X-	X-		X
	·	o	-0
	- -		
	\bigcirc		
	S		
	(D)		
	_ 12" C.M	1.P. ====	
	~		

(E) SPOT ELEVATION

(E) 1' CONTOURS

(E) 5' CONTOURS

(E) TELEPHONE LINE

(E) ELECTRIC LINE

(E) STORM DRAIN

(E) WATER MAIN

(E) WOOD FENCE

(E) WATER WELL

(E) FIRE HYDRANT

(E) WATER VALVE

(E) SANITARY MANHOLE

(E) STORM MANHOLE

(E) CATCHBASIN

(E) CULVERT

(E) SIGN

(E) MAILBOX

(E) LIGHT POLE

(E) UTILITY POLE

(E) CONIFEROUS TREE

(E) DECIDUOUS TREE

(P) DRAINAGE SWALE

(P) DRAINAGE FLOW ARROW

(P) HEAVY DUTY ASPHALT AREA

(P) LIGHT DUTY ASPHALT AREA

(P) DRAINAGE BASIN BOUNDARY

(P) CONCRETE SURFACE

(P) AGGREGATE SURFACE

(P) BASIN DESIGNATION

(P) BASIN AREA IN ACRES

(P) SIDE SLOPE

(P) RIP RAP

LOW POINT

HIGH POINT

FINISH FLOOR

WATER SURFACE

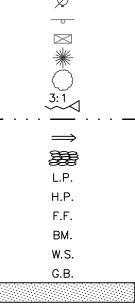
GRADE BREAK

BENCHMARK

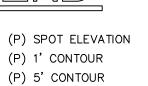
(E) SANITARY SEWER

(E) CHAIN LINK FENCE

(E) GAS LINE



2.52



(P) 5' CONTOUR (P) GAS LINE (P) TELEPHONE LINE (P) ELECTRIC LINE (P) STORM DRAIN (P) SANITARY SEWER (P) WATER MAIN

(P) CHAIN LINK FENCE (P) WOOD FENCE (P) GUARD RAIL (P) FIRE HYDRANT ASSEMBLY (P) WATER MAIN VALVE (P) WATER MAIN BEND

(P) WATER MAIN REDUCER (P) CURB INLET (P) CATCH BASIN (P) TRENCH DRAIN

(P) FLARED END SECTION (P) MANHOLE (P) LIGHT POLE (P) SANITARY SEWER CLEANOUT

(P) UTILITY CROSSING (P) BUILDING WALLPACK

(P) PARKING COUNT (P) HANDICAP PARKING (P) HANDICAP VAN ACCESSIBLE

(P) SIGN

(P) TRAFFIC FLOW (P) MODIFIED CURB & GUTTER (P) REGULAR CURB & GUTTER (P) SCREEN WALL OR RETAINING WALL

> (E) - INDICATES EXISTING (P) - INDICATES PROPOSED

——G——G——G—

_____T____T____T____

____E___E___E___

____x___x___x___

INDEX

COVER

TOPOGRAPHICAL SURVEY

DEMOLITION PLAN

SITE PLAN

TRUCK TURNING PLAN

GRADING PLAN

GRADING CALCULATIONS & DRAINAGE PLAN

UTILITY PLAN

MISCELLANEOUS DETAILS

MISCELLANEOUS DETAILS

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

SOIL EROSION CONTROL NOTES AND DETAILS

EXISTING LANDSCAPE PLAN

PROPOSED LANDSCAPE PLAN

PHOTOMETRIC PLAN

CONTACT LIST

OWNER/DEVELOPER CONTACTS

ROBERTS REAL ESTATE OF CHARLOTTE **BRETT ROBERTS** 640 E. KALAMO HWY CHARLOTTE, MI 48813 PH: 517-881-0866 b.roberts442@sbcglobal.net

LSG ENGINEERS & SURVEYORS ALAN BOYER, P.E. 3135 PINE TREE ROAD, SUITE D LANSING, MI 48911 PH: 517-393-2902 boyer@lsg-es.com

DAILEY ENGINEERING MATT FOWLER PH: 517-281-8933

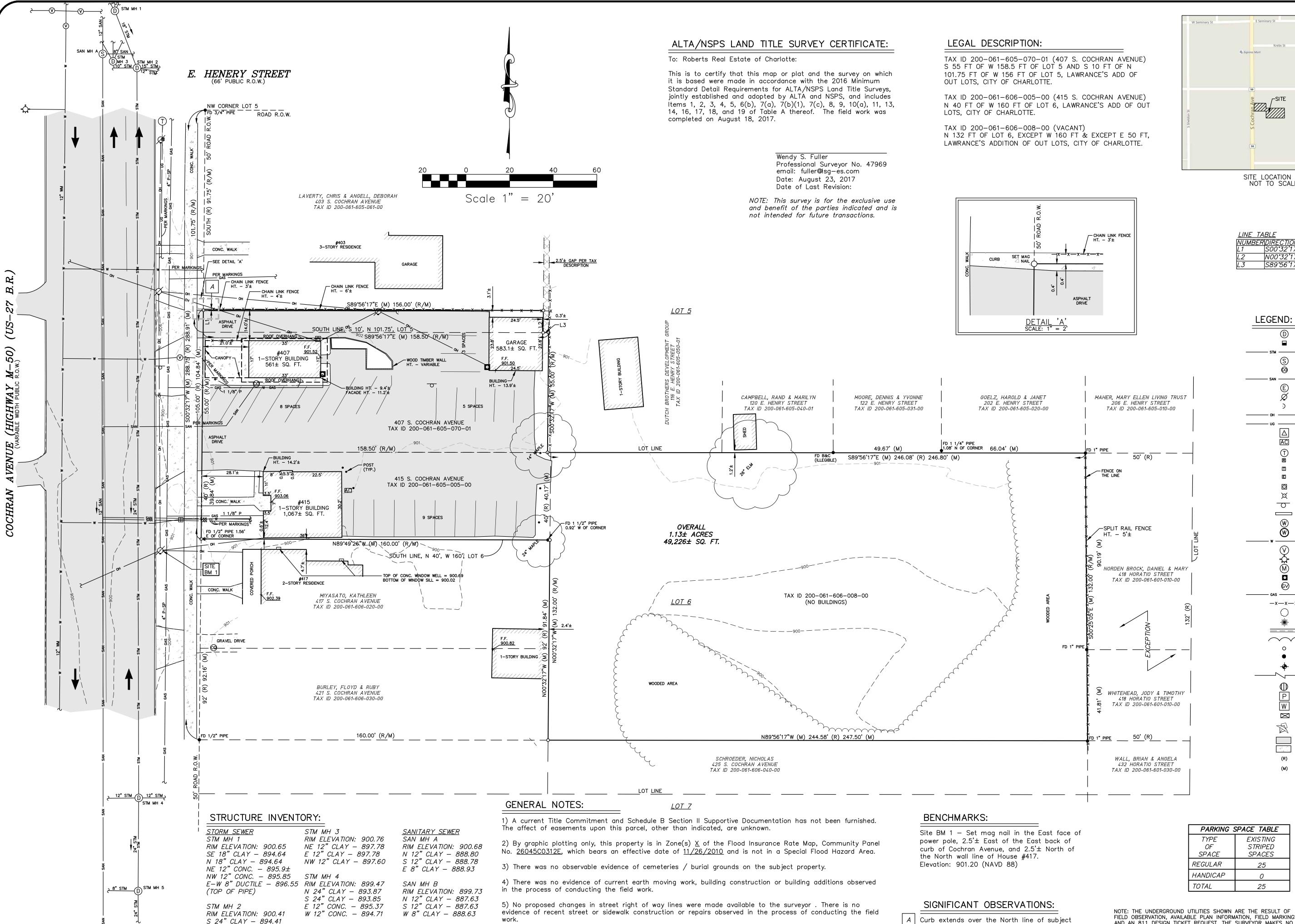
> ROBERTS REAL ESTATE OF CHARLOTTE

> > 640 E. KALAMO HWY CHARLOTTE, MI, 48813 PHONE: 517-881-0866



3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902 FAX (517) 393-2608 www.lsg-es.com

ATE _AUGUST 24, 2017 ROJECT NO. 2004 SHEET NO.



6) Pursuant to Table A Item 6, a zoning letter or report was not provided to the surveyor.

8) Horizontal and vertical datums are based upon State Plane Coordinates — Michigan South Zone.

7) Pursuant to Table A Item 18, no wetland delineation was observed in the process of conducting the field

NW 18" CLAY - 894.42

W 10" CLAY - 895.03

E 15" CLAY - 894.74

STM MH 5

ESE 12" CONC. - 896.21 S 24" CLAY - 893.70

RIM ELEVATION: 899.40

W 8" CONC. - 894.1±

N 24" CLAY — 893.70



SITE LOCATION MAP NOT TO SCALE

<u>UMBER DIRECTION</u> <u>DISTANCE</u> 1 | S00°32'17"W (M) | 10.00' (R/M)

N00°32'17"E (M) 10.00' (R/M) S89°56'17"E (M) 2.50' (M)

= TRANSFORMER

= TELEPHONE MANHOLE

= TELEPHONE PEDESTAL

= ELECTRIC PEDESTAL

= ELECTRIC METER = LIGHT POLE

= WATER MANHOLE

= WELL

= WATER LINE

= WATER VALVE

= FIRE HYDRANT

= GAS METER

= GAS VALVE

= DECIDUOUS TREE = CONIFEROUS TREE

= YARDBASIN

= WALL HYDRANT

= SATELLITE DISH

= ASPHALT

= CONCRETE

= RECORDED

= MEASURED

= SET IRON & CAP #47969

= FOUND IRON AS NOTED = SECTION CORNER = DISTANCE NOT TO SCALE

= POST INDICATOR VALVE

= MONITORING WELL

 $\overline{}$

⊚

 \bowtie

— GAS — = GAS LINE

-x-x-x-= FENCE LINE

_____ = CURB AND GUTTER

= AC-UNIT

= ROOF DRAIN

3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902 = STORM MANHOLE FAX (517) 393-2608 = CATCHBASIN www.lsg-es.com _____ STM ____ = STORM LINE = SANITARY MANHOLE = SANITARY CLEANOUT SAN — SANITARY LINE = ELECTRIC MANHOLE = UTILITY POLE = GUY WIRE ug — underground utility line

BERTS OF CP

Engineers

& Surveyors

S. S. To. ⋖

A Curb extends over the North line of subject property by a maximum of 0.5'±, see drawing for detail.

SPACE	SPACES	
REGULAR	<i>25</i>	
HANDICAP	0	
TOTAL	25	
	_	
DUND UTILITIES SHOWN AVAILABLE PLAN INFORM	ATION, FIELD MARKING	

GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE

ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT

INDICATED ALTHOUGH DOES CERTIFY THAT THEY ARE LOCATED AS

UTILITIES OTHER THAN ANY STRUCTURE INVENTORY SHOWN HEREON.

UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION

ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE

SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND

ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR

AND AN 811 DESIGN

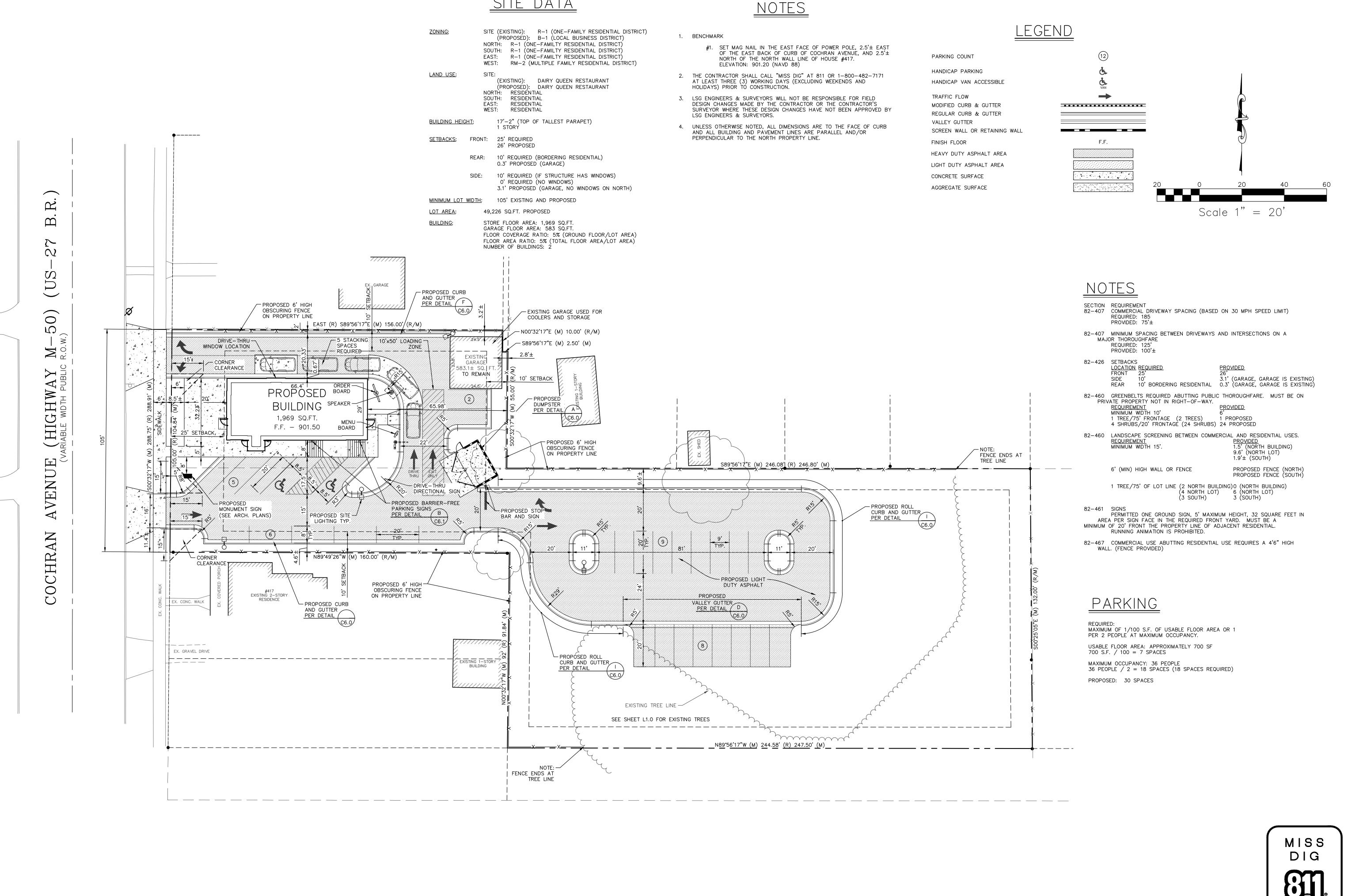
MISS Know what's below.

C1-0.dwg FIELD WORK ____JS/JZ DRAWN BY _____JML CHECKED BY DKR DATE OF SURVEY 8/10/2017 PROJECT NO. SHEET NO.

HOR. _____1" = 20' N/A 2004

C1.0

Call before you dig.



Engineers & Surveyors

3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902

FAX (517) 393-2608 www.lsg-es.com

전 구 출 년

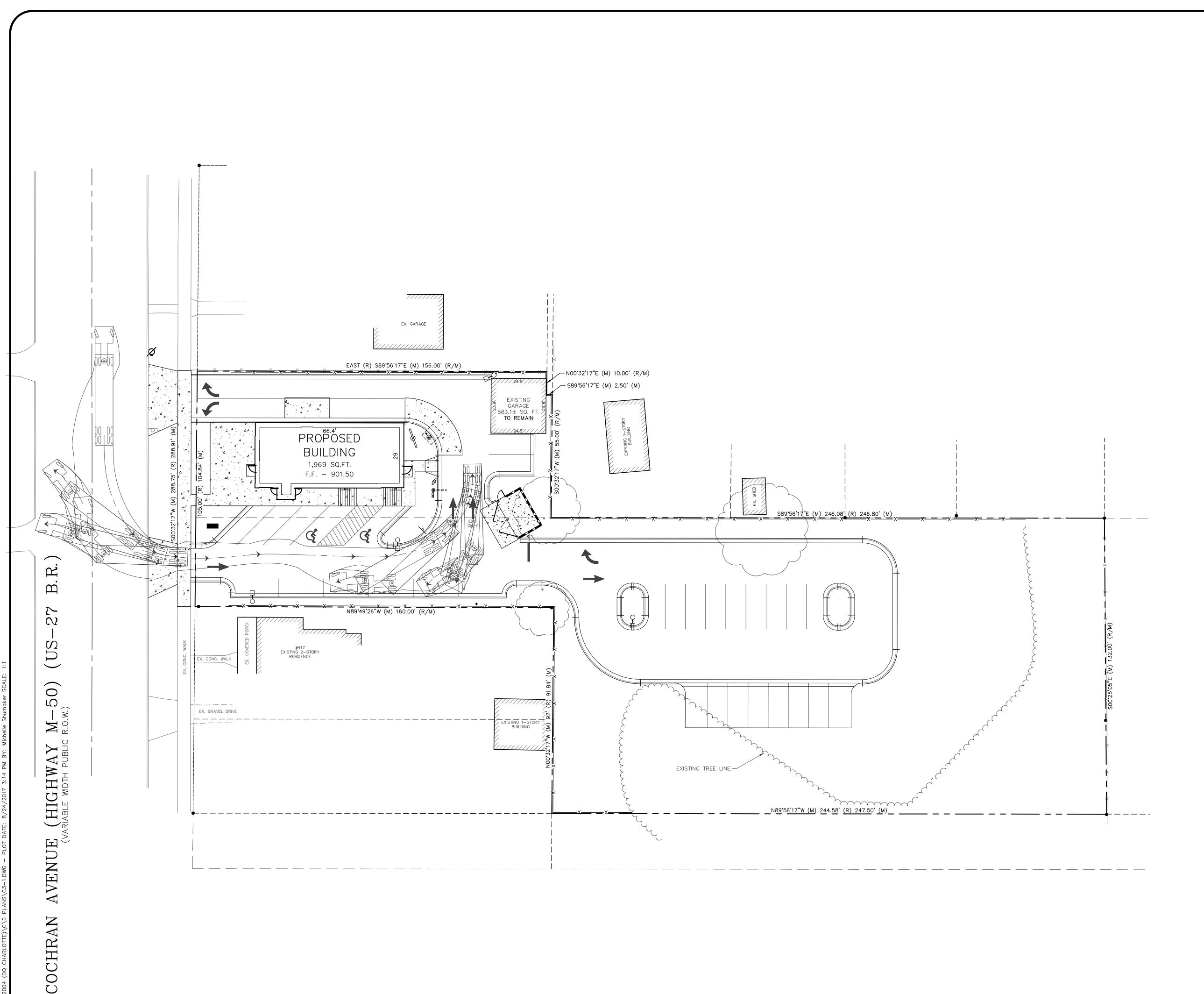
Know what's below. Call before you dig.

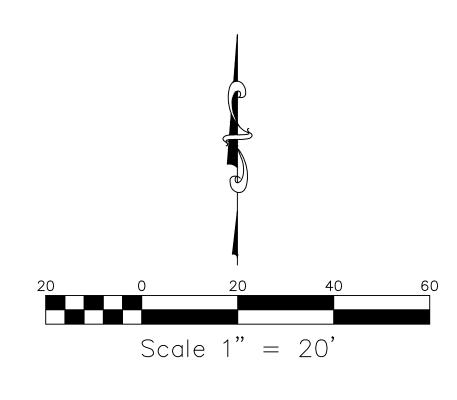
DESIGNED BY MLS DRAWN BY ____MLS_ CHECKED BY ADB HOR. 1" = 20'PROJECT NO.

SHEET NO.

C3.0

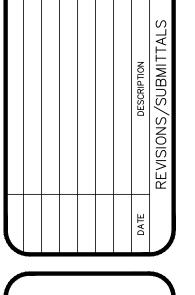
DATE AUGUST 24, 2017 2004





NOTES

- BENCHMARK
 - #1. SET MAG NAIL IN THE EAST FACE OF POWER POLE, 2.5'± EAST OF THE EAST BACK OF CURB OF COCHRAN AVENUE, AND 2.5'± NORTH OF THE NORTH WALL LINE OF HOUSE #417. ELEVATION: 901.20 (NAVD 88)
- THE CONTRACTOR SHALL CALL "MISS DIG" AT 811 OR 1-800-482-7171
 AT LEAST THREE (3) WORKING DAYS (EXCLUDING WEEKENDS AND
 HOLIDAYS) PRIOR TO CONSTRUCTION.
- 3. LSG ENGINEERS & SURVEYORS WILL NOT BE RESPONSIBLE FOR FIELD DESIGN CHANGES MADE BY THE CONTRACTOR OR THE CONTRACTOR'S SURVEYOR WHERE THESE DESIGN CHANGES HAVE NOT BEEN APPROVED BY LSG ENGINEERS & SURVEYORS.
- 4. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TO THE FACE OF CURB AND ALL BUILDING AND PAVEMENT LINES ARE PARALLEL AND/OR PERPENDICULAR TO THE NORTH PROPERTY LINE.



Engineers & Surveyors

3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902 FAX (517) 393-2608

www.lsg-es.com

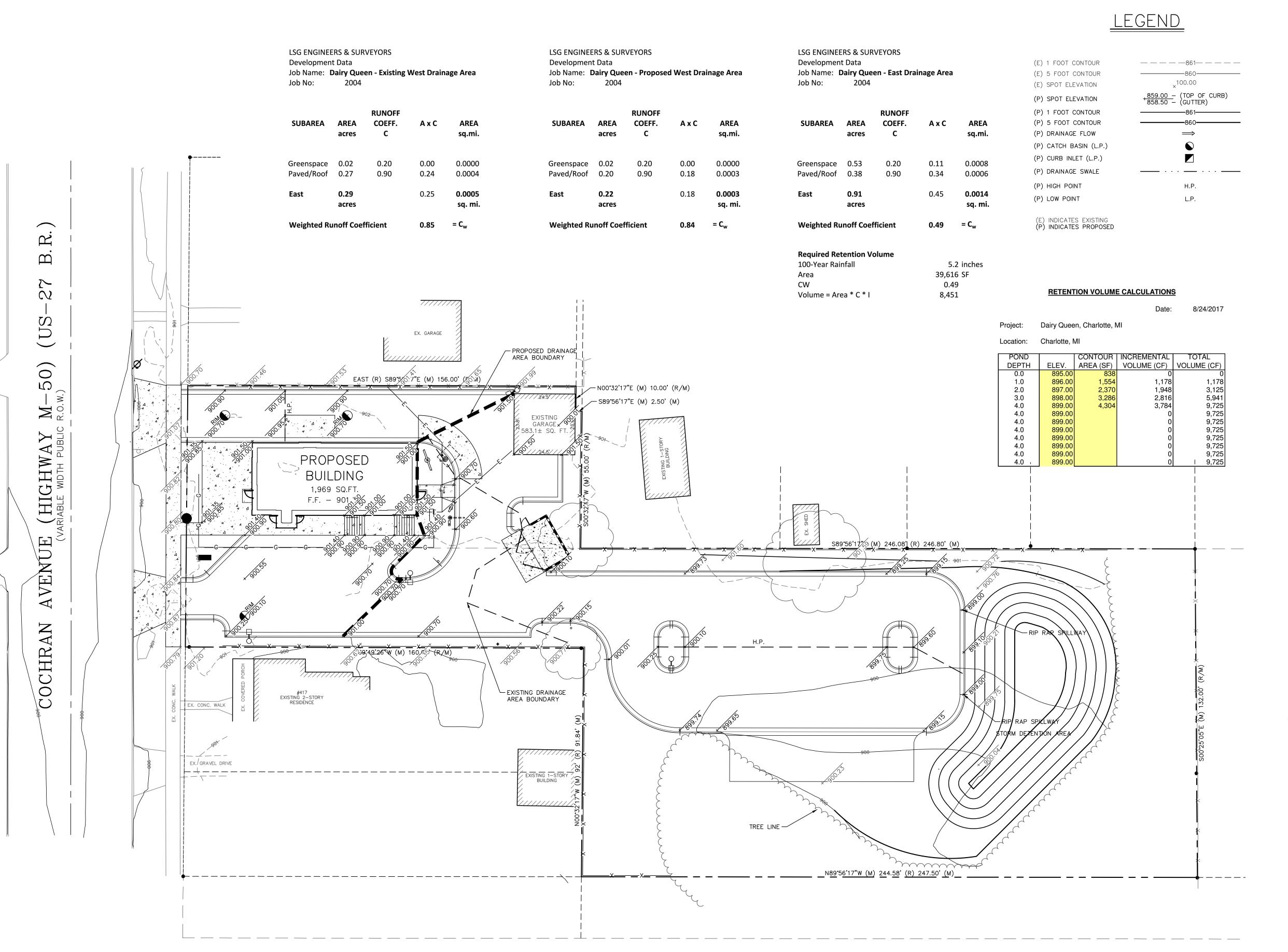


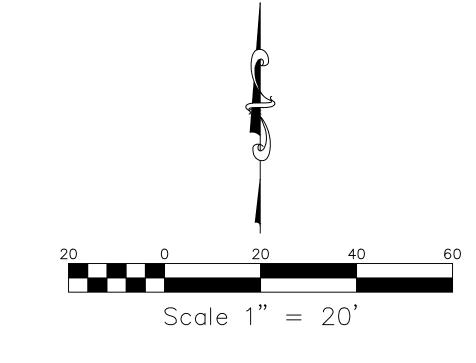
DRAWN BY ____MLS CHECKED BY ADB DATE <u>AUGUST 24, 2017</u>

PROJECT NO.

2004

SHEET NO. C3.1





Engineers

& Surveyors

3135 PINE TREE ROAD

SUITE D

LANSING, MI 48911

PH. (517) 393-2902

FAX (517) 393-2608

www.lsg-es.com

BENCHMARK

- #1. SET MAG NAIL IN THE EAST FACE OF POWER POLE, 2.5'± EAST OF THE EAST BACK OF CURB OF COCHRAN AVENUE, AND 2.5'± NORTH OF THE NORTH WALL LINE OF HOUSE #417. ELEVATION: 901.20 (NAVD 88)
- THE CONTRACTOR SHALL CALL "MISS DIG" AT 811 OR 1-800-482-7171
 AT LEAST THREE (3) WORKING DAYS (EXCLUDING WEEKENDS AND
 HOLIDAYS) PRIOR TO CONSTRUCTION.
- 3. LSG ENGINEERS & SURVEYORS WILL NOT BE RESPONSIBLE FOR FIELD DESIGN CHANGES MADE BY THE CONTRACTOR OR THE CONTRACTOR'S SURVEYOR WHERE THESE DESIGN CHANGES HAVE NOT BEEN APPROVED BY LSG ENGINEERS & SURVEYORS.
- 4. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TO THE FACE OF CURB AND ALL BUILDING AND PAVEMENT LINES ARE PARALLEL AND/OR PERPENDICULAR TO THE NORTH PROPERTY LINE.

<u> EGEND</u>



INLET PROTECTION AT CB

REFERS TO THE APPROPRIATE S.E.S.C. KEYING SYSTEM DETAIL (SEE THIS SHEET)

SILT FENCE NRCS SOIL BOUNDARY LIMITS OF EARTH CHANGE (__ ACRES)

SCS SOIL TYPES

BOYER SANDY LOAM (0 TO 6 PERCENT SLOPES)

DRAINAGE BASIN BOUNDARY

BASIN DESIGNATION BASIN AREA IN ACRES 2.52

Know what's below. Call before you dig.

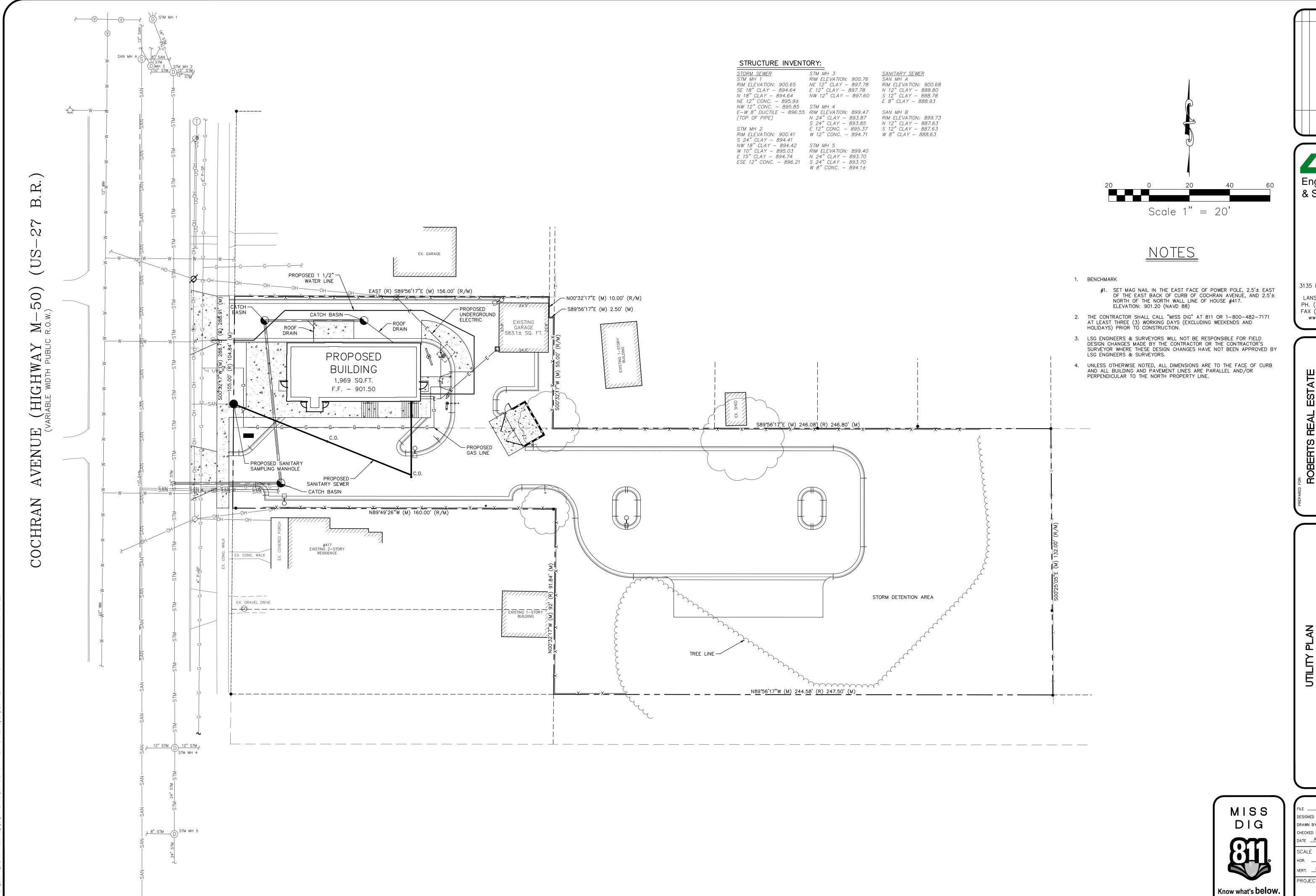
MISS ESIGNED BY MLS DRAWN BY ____MLS_ CHECKED BY ADB DATE AUGUST 24, 2017 PROJECT NO. 2004

SHEET NO.

C4.0

THE MAJORITY OF THE EXISTING SITE DRAINS WEST TO THE MDOT RIGHT-OF-WAY. THE EXACT CONNECTION POINT IS UNKNOWN. THE ARE AND CURVE NUMBER FOR THE AREA DRAINING TO THE EAST HAVE BEEN REDUCES WITH THE PROPOSED DESIGN.
THE NEW PARKING LOT ON THE EAST SIDE WILL DRAIN TO A RETENTION BASIN.

DRAINAGE NOTES



SAN MH B

Engineers & Surveyors

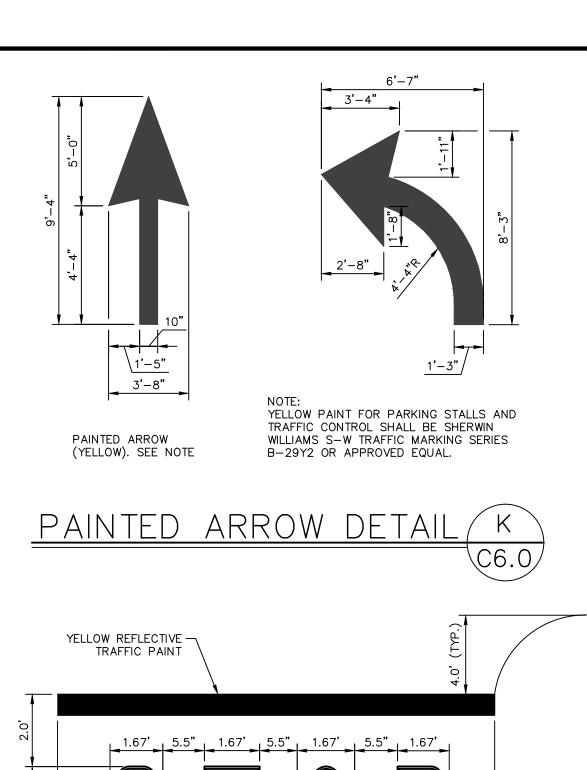
3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902

FAX (517) 393-2608 www.lsg-es.com

DRAWN BY ____MLS CHECKED BY ADB DATE __AUGUST_24, 2017

PROJECT NO.

2004 SHEET NO. C5.0



SEE PLAN

STOP & STOP BAR

PAINTING DETAIL

-6" CONCRETE SURFACE (DRIVE-THRU)

4" CONCRETE SURFACE (SIDEWALK) 10" CONCRETE SURFACE (DRIVEWAY)

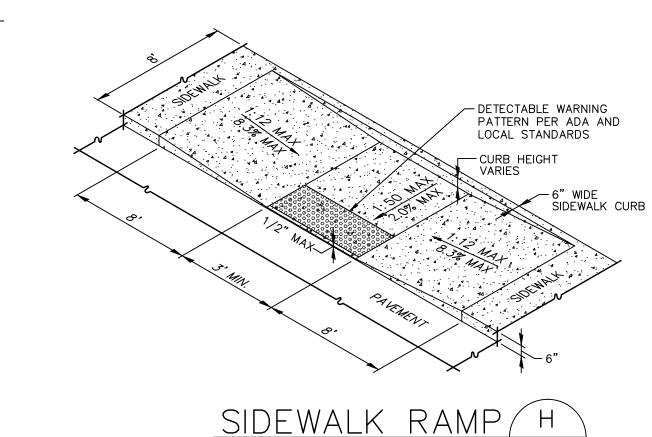
(Fc' = 3500 P.S.I. @ 28 DAYS

— REINFORCEMENT ______

__" COMPACTED BASE

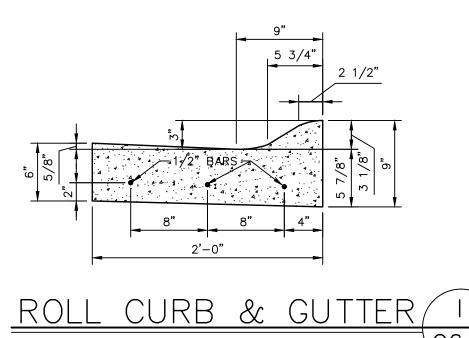
COURSE (M.D.O.T.

CLASS II) MATERIAL

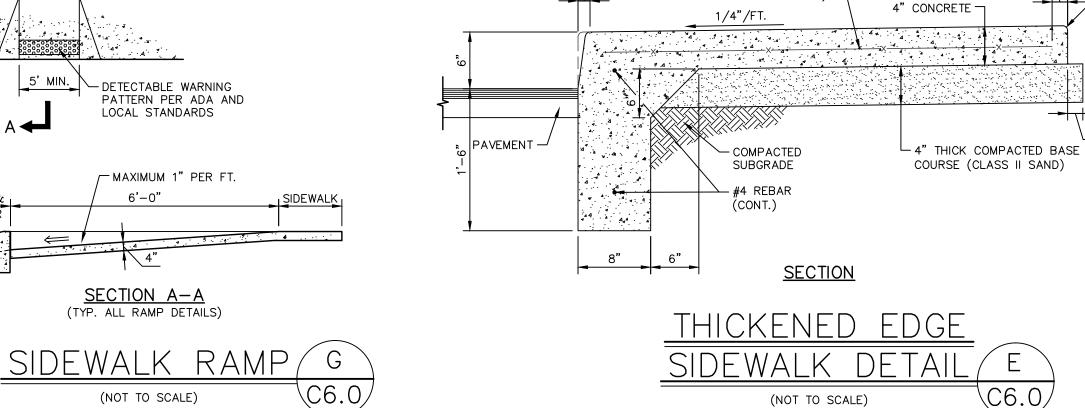


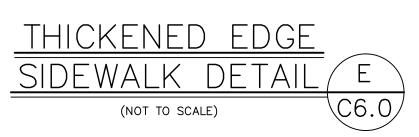
RAMP SIDEWALK HERE, IF
NECESSARY, TO STAY WITHIN
DESIRABLE SLOPE LIMITS.

SIDEWALK



NOT TO SCALE





WIDTH AS INDICATED ON PLANS

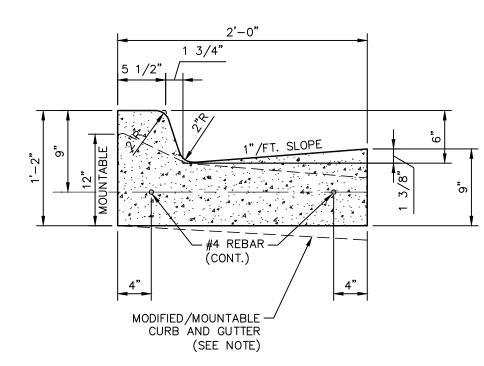
3" (TYP.)

INSTALL REINFORCING -

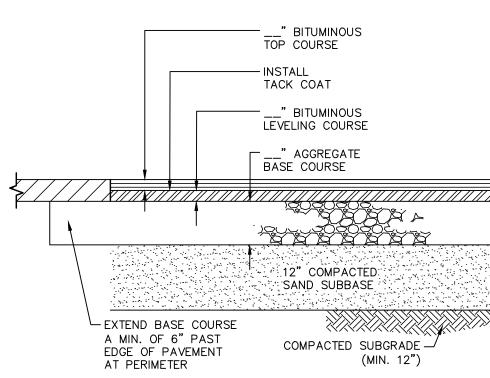
(W.W.F. 6"x6" - W 1.4 /

CONTRACTION AND EXPANSION JOINT NOTES: 1. PLACE 1" FIBER JOINT FILLER AT 40' MAXIMUM INTERVALS

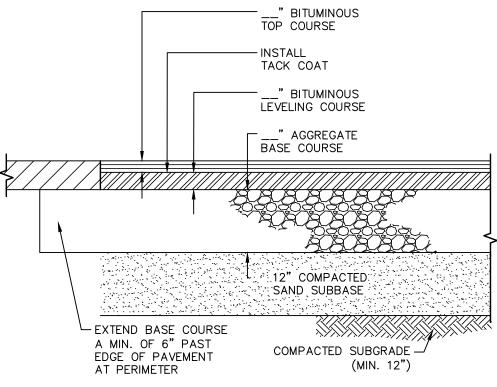
- OR AT ALL CONSTRUCTION JOINTS.
- 2. PLACE 1" FIBER JOINT FILLER AT SPRING POINTS OF CURB RETURNS (AND INTERSECTING STREETS)
- 3. PLACE 1" FIBER JOINT FILLER IN ADJACENT CONTRACTION JOINTS EACH SIDE OF CATCH BASINS.
- 4. PLACE CONTRACTION JOINTS AT 40' MAXIMUM INTERVALS. (NO SAW CUT JOINTS ALLOWED)



MODIFIED/MOUNTABLE CURB AND GUTTER SHALL BE THE SAME DETAIL BUT THE GUTTER SHALL SLOPE AWAY FROM THE CURB FACE @ 1"/FT.



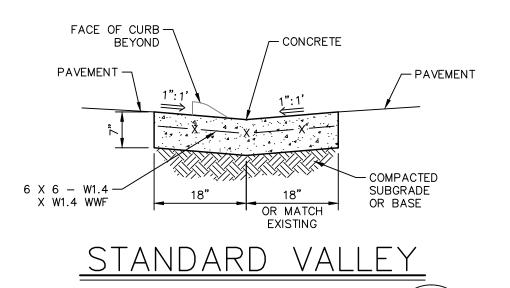
LIGHT DUTY PAVEMENT SECTION

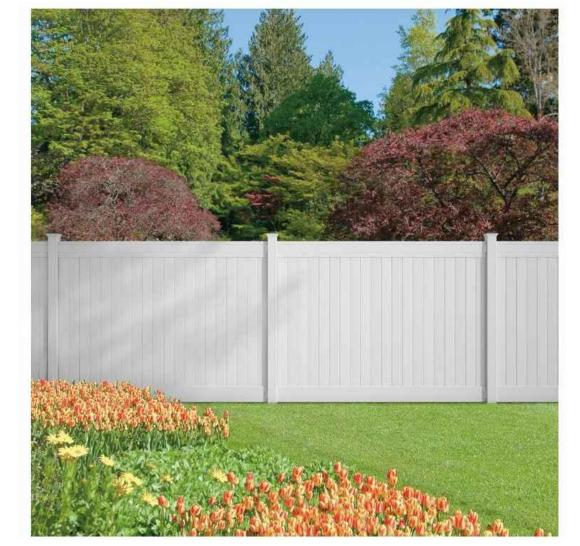


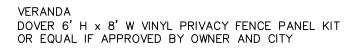
HEAVY DUTY PAVEMENT SECTION

BIT. TOP COURSE NO. __ TOP
BIT. LEVELING COURSE NO. __ LEVELING AGG. BASE COURSE [22A OR 21AA] ALL MATERIAL DESIGNATIONS REFER TO M.D.O.T. STANDARD SPECIFICATIONS FOR CONSTRUCTION, CURRENT EDITION

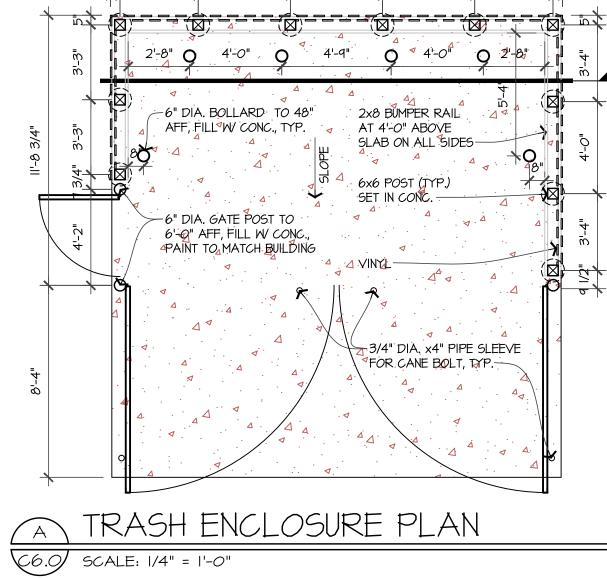
SITE PAVEMENT SECTIONS (





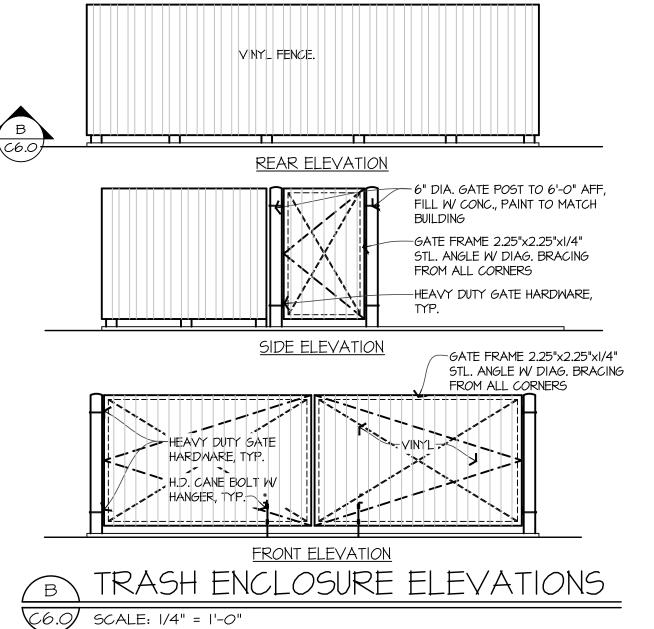






19'-7 1/2"

4'-0"





DESIGNED BY MLS DRAWN BY ____MLS_ CHECKED BY ADB DATE __AUGUST_24, 2017 HOR. N/A VERT. N/A PROJECT NO. SHEET NO.

Engineers & Surveyors

3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902 FAX (517) 393-2608 www.lsg-es.com

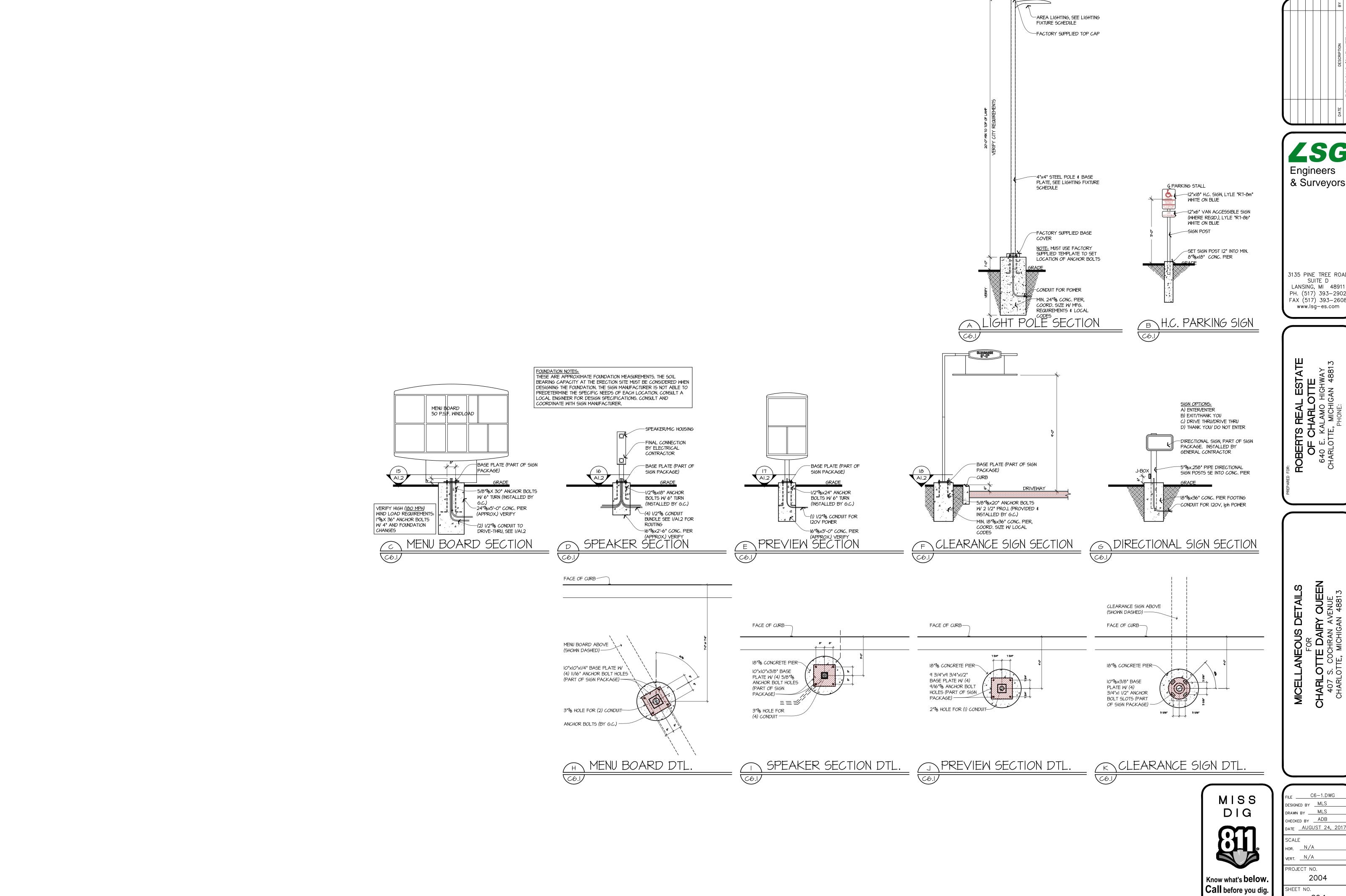
& 수 주 등

2004

C6.0

FENCE DETAIL

M.D.O.T. F-4CURB & GUTTER DETAIL COMPACTED SUBGRADE -(MIN. 12") <u>SECTION</u> ROLL CURB & GUTTER CONCRETE SURFACE/ GUTTER DETAIL C6.0/ \C6.0 (NOT TO SCALE) (TYPICAL CROSS SECTION)



Engineers & Surveyors

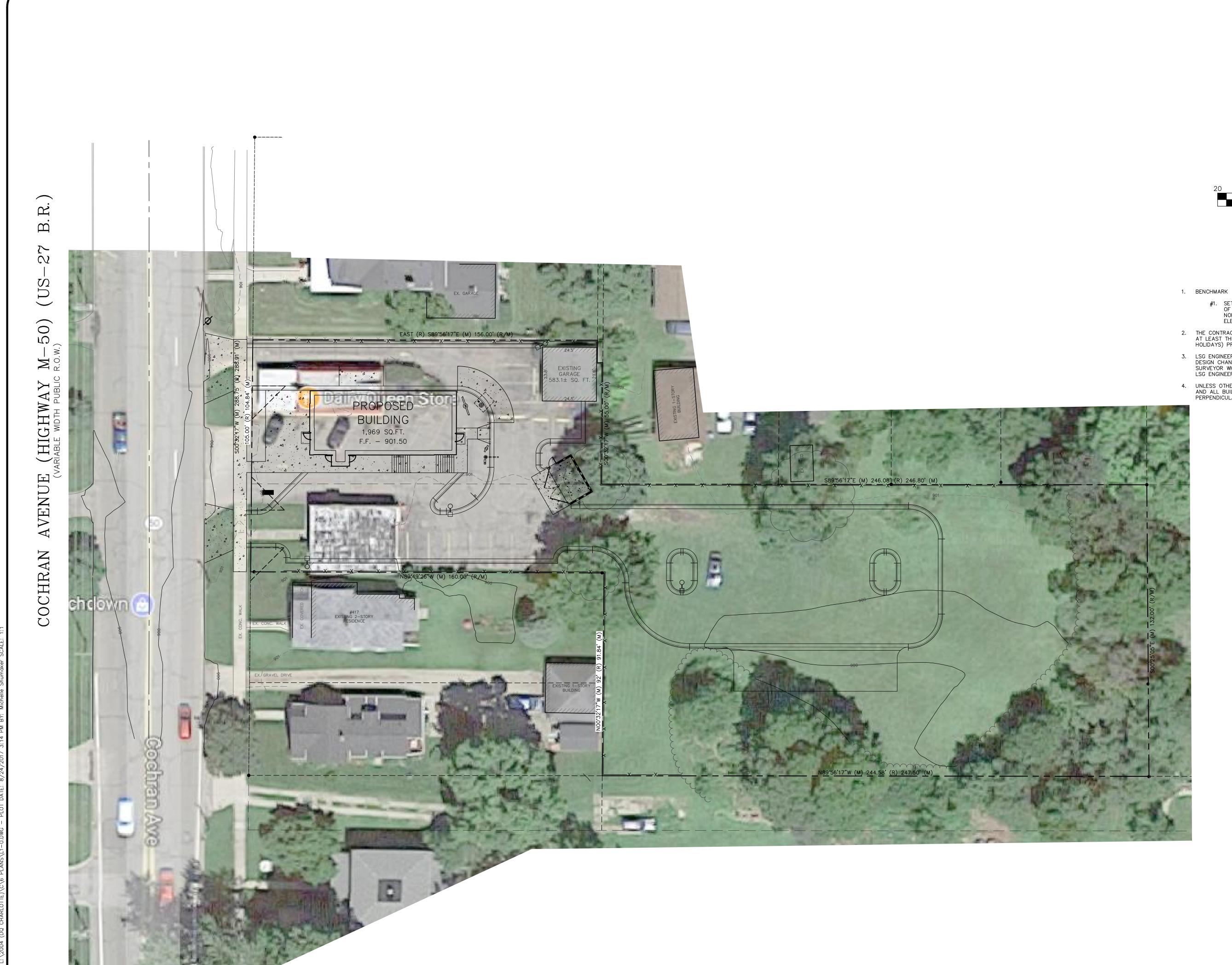
3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902 FAX (517) 393-2608

www.lsg-es.com

HOR. N/A VERT. N/A PROJECT NO.

2004 SHEET NO.

C6.1





NOTES

#1. SET MAG NAIL IN THE EAST FACE OF POWER POLE, 2.5'± EAST OF THE EAST BACK OF CURB OF COCHRAN AVENUE, AND 2.5'± NORTH OF THE NORTH WALL LINE OF HOUSE #417. ELEVATION: 901.20 (NAVD 88)

Scale 1" = 20'

- THE CONTRACTOR SHALL CALL "MISS DIG" AT 811 OR 1-800-482-7171
 AT LEAST THREE (3) WORKING DAYS (EXCLUDING WEEKENDS AND
 HOLIDAYS) PRIOR TO CONSTRUCTION.
- JUNE STATES AND SURVEYORS WILL NOT BE RESPONSIBLE FOR FIELD DESIGN CHANGES MADE BY THE CONTRACTOR OR THE CONTRACTOR'S SURVEYOR WHERE THESE DESIGN CHANGES HAVE NOT BEEN APPROVED BY LSG ENGINEERS & SURVEYORS.
- 4. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TO THE FACE OF CURB AND ALL BUILDING AND PAVEMENT LINES ARE PARALLEL AND/OR PERPENDICULAR TO THE NORTH PROPERTY LINE.

& Surveyors

3135 PINE TREE ROAD SUITE D LANSING, MI 48911 PH. (517) 393-2902

FAX (517) 393-2608 www.lsg-es.com

MISS DIG

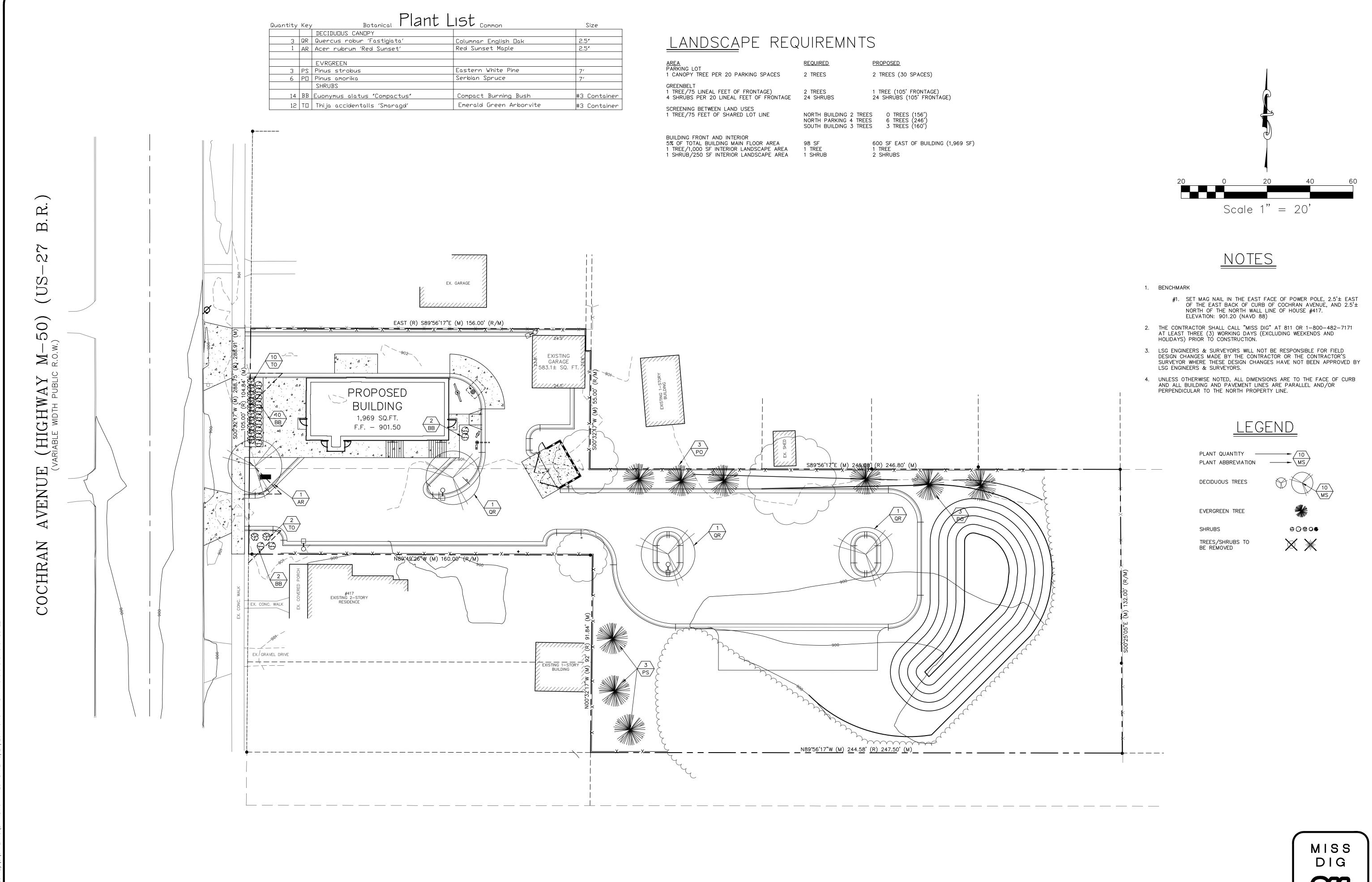
DESIGNED BY MLS

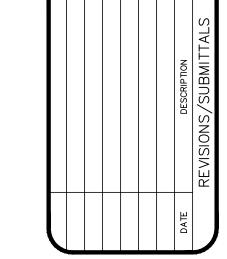
DRAWN BY MLS

CHECKED BY ADB

DATE AUGUST 24, 2017

2004





Engineers & Surveyors

3135 PINE TREE ROAD SUITE D LANSING, MI 48911

PH. (517) 393-2902 FAX (517) 393-2608 www.lsg-es.com

Know what's below.

DRAWN BY ____MLS CHECKED BY ADB DATE AUGUST 24, 2017 PROJECT NO. 2004

SHEET NO.

L1.1