



AUTO PARTS

New O'Reilly Auto Parts Store 712 George Street LA CROSSE, WI 54603

ABBREVIATIONS LEGEND

AFF	ABOVE FINISHED FLOOR	INSUL	INSULATE
AC	ADJUSTABLE	INT	INTERIOR
ACC	AIR CONDITIONING	JST	JOIST
ALT	ALTERNATE	JT	JOINT
AL	ALUMINUM	JT	JOINT
ALUM	ALUMINUM	KT	KITCHEN
AB	ANCHOR BOLT	LH	LEFT HAND
ARCH	ARCHITECT (URAL)	LF	LINEAL FOOT
BSMT	BASEMENT	LTL	LENGTH
BSIS	SEASING	L	LIMITS
BM	BENCH MARK	LL	LIVE LOAD
BEL	BELOW	MACH	MACHINE
BLK	BLOCK	MH	MANHOLE
BUG	BLOCKING	MFR	MANUFACTURER
BO	BOARD	MAS	MASONRY
BW	BOTH WAYS	MO	MASONRY OPENING
BT	BOTTOM	MAX	MAXIMUM
BF	BOTTOM OF FOOTING	MECH	MECHANICAL
BOF	BOTTOM OF FOOTING	MED	MEDIUM
BRK	BRICK	MBS	MODIFIED BITUMEN ROOFING
BLDG	BUILDING	MT	METAL
BUR	BUILT-UP ROOFING	MTL	METAL
CAB	CABINET	M	METER(S)
CLS	CEILING	MWK	MILLWORK
CL	CENTER LINE	MIN	MINIMUM
CC	CENTER OF	MISC	MISCELLANEOUS
CC	CENTER TO CENTER	MT	MOUNTED (ING)
CLR	CLEAR	NOM	NOMINAL
COL	COLUMN	N	NORTH
CONC	CONCRETE	NIC	NOT IN CONTRACT
CMU	CONCRETE MASONRY UNIT	NTS	NOT TO SCALE
CONST	CONSTRUCTION	OC	ON CENTER(S)
CONTR	CONTRACTOR	OPD	OPENING
CONT	CONTINUOUS	OPH	OPPOSITE HAND
CNTR	COUNTER	OD	OUTSIDE DIAMETER
CPL	COUNTER FLASHING	OO	OUT TO OUT
CRK	COUNTERSINK	OA	OVERALL
CRS	COURSE(S)	OH	OVER-HEAD
OF	CUBIC FOOT	PC	PRECAST
CY	CUBIC YARD	PNT	PAINT(ED)
DL	DEAD LOAD	PTD	PAINT(ED)
DEM	DEMOLISH, DEMOLITION	PRG	PARTING
DTL	DETAIL	PLAM	PLASTIC LAMINATE
DIAG	DIAGONAL	PLT	PLATE
DAM	DIAMETER	PWD	PLYWOOD
DS	DIMENSION	PVC	POLYVINYL CHLORIDE
DR	DOWN SPOUT	PSE	POUNDS PER SQUARE FT.
DS	DOWN SPOUT	PSI	POUNDS PER SQUARE IN.
D	DRAIN	PT	PRESSURE TREATED
DWG	DRAWING	PL	PROPERTY LINE
DP	DRAINING POUNTAIN	REM	REMOVE
E	EAST	RET	RETURN
EFS	EXTERIOR INSULATION AND FINISH SYSTEM	RH	RIGHT HAND
ELC	ELECTRICAL	RD	ROOM DRAIN
EW	ELECTRIC WATER COOLER	RFG	ROOFING
EL	ELEVATION	RM	ROOM
ELEV	ELEVATION	RO	ROUGH OPENING
EMER	EMERGENCY	SNT	SEALANT
EQ	EQUAL	SEC	SECTION
EXIST	EXISTING	SECT	SECTION
EXP	EXPOSED	SKTHG	SHEATHING
EXT	EXTERIOR	SH	SHEET
EXT	EXTERIOR	SIM	SIMILAR
FO	FACE OF FINISH	SC	SOLID CORE
FOM	FACE OF MASONRY	S	SOUTH
FOS	FACE OF STUDS	SF	SQUARE FOOT
FN	FINISHED	SI	SQUARE INCH
FFE	FINISHED FLOOR ELEV.	SY	SQUARE YARD
FPL	FINISHED FLOOR LINE	STD	STANDARD
FE	FIRE EXTINGUISHER	STO	STORAGE
FEC	FIRE EXTINGUISHER CABINET	SUS	SUSPENDED
FT	FIRE TREATED	SYM	SYMMETRY, (ICAL)
FLR	FLOOR	TEL	TELEPHONE
FD	FLOOR DRAIN	TV	TELEVISION
FTG	FOOTING	THK	THICKNESS
FN	FOUNDATION	TKG	TONGUE & GROOVE
FNCD	FOUNDATION	TM	TOP OF MASONRY
FLR	FURNISHED	TOM	TOP OF MASONRY
GA	GAGE, GAUGE	TS	TOP OF STEEL
GALV	GALVANIZED	TOS	TOP OF STEEL
GC	GENERAL CONTRACTOR	TW	TOP OF WALL
GP	GYP	TY	TYPICAL
GYP	GYP	UN	UNLESS OTHERWISE NOTED
GWB	GYP WALL BOARD	UNO	UNLESS NOTED OTHERWISE
HTG	HEATING	VERT	VERTICAL
HVAC	HEATING/VENTILATING/AIR COND.	VNT	VINYL TILE
HT	HEIGHT	W	WAINSCOT
HC	HOLLOW CORE	WC	WATER CLOSET
HM	HOLLOW METAL	W	WEST
HOR	HORIZONTAL	W	WIDTH WIDE
HB	HOSE BIBB	W	WINDOW
INS	INSULATED, (ING)	WO	WITHOUT
		W	WOOD

SYMBOLS LEGEND

	SECTION NUMBER	WT?	WALL TYPE MARK
	SECTION / ELEVATION MARK	?	DOOR MARK
	SHEET NUMBER	?	WINDOW MARK
	DETAIL NUMBER	#	GRID MARK
	DETAIL MARK		
	SHEET NUMBER		

OWNER OR TENANT



O'REILLY AUTOMOTIVE STORES, INC. A MISSOURI CORPORATION
(FORMERLY KNOWN AS O'REILLY AUTOMOTIVE, INC.)
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
417-862-2874 PHONE

BIDDING INFORMATION:
REFER TO OWNER'S WEB SITE:
WWW.O'REILLYPLANROOM.COM

NOTE: REFER TO CURRENT PROJECTS LIST, LOCATED
AT BOTTOM OF SIGN IN PAGE, FOR INVITED GENERAL
CONTRACTORS.

ALL SUB-CONTRACTOR BIDS TO BE SUBMITTED TO
INVITED GENERAL CONTRACTORS ONLY.

CONTACT OWNER'S DESIGNATED REPRESENTATIVE
FOR ADDITIONAL PROJECT INFORMATION.

ARCHITECT



PATRICK
G. BLEES

architecture planning interior design

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Fax: (952) 854-9690
EMAIL: pstole@aestng.com
Contact:
PAUL STOLE, EXT 204

GENERAL NOTES

A. CONTRACT ADMINISTRATION (LIMITED SERVICE): THE ARCHITECT AND/OR ENGINEER OF RECORD INDICATED HEREIN ARE PROVIDING A LIMITED SERVICE AND NOT PROVIDING CONTRACT ADMINISTRATION SERVICES FOR THIS PROJECT WHICH IS THE RESPONSIBILITY OF OTHERS. THE ARCHITECT AND/OR ENGINEER ARE NOT RESPONSIBLE FOR FIELD ACTIVITIES ON THIS PROJECT WITHOUT DIRECT INSPECTION OF THE WORK IN PROGRESS. IF FIELD CONDITIONS ARE UNCOVERED THAT REQUIRE A CHANGE OR ADDITIONAL INFORMATION, THE ARCHITECT AND/OR ENGINEER DOES NOT DELEGATE AUTHORITY TO ANYONE ELSE FOR DETERMINING THE MEANING OF PLANS OR SPECIFICATIONS AS AUTHENTICATED HEREIN.

B. QUALITY STANDARDS AND BUILDING CODES: CONTRACTORS SHALL BE RESPONSIBLE FOR KNOWING THE QUALITY AND PUBLIC SAFETY REGULATIONS SET FORTH IN THE GOVERNING CODES AND OTHER APPLICABLE REGULATIONS OF LOCAL AND STATE AGENCIES HAVING JURISDICTION WHICH GOVERN EACH CONTRACTOR'S WORK.

C. EXISTING CONDITIONS: FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING WORK. NOTIFY THE ARCHITECT AND/OR ENGINEER OF RECORD IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.

MECH. / ELEC. ENGINEER



SGE, INC.
3855 S JEFFERSON AVE
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Phone: (417) 882-2200
Fax: (417) 882-1188
EMAIL: tstarck@smithgoth.com

Contact:
TRENT STARK

CIVIL ENGINEER



ANDERSON ENGINEERING, INC.
2045 W WOODLAND
SPRINGFIELD, MO 65807
Phone: (417) 866-2741
Fax: (417) 866-2778

EMAIL:
pengel@aeincmo.com

Contact:
PAUL ENGEL

QUALITY CONTROL

1. REFER TO PROJECT MANUAL, SECTION 01 45 16 - QUALITY CONTROL PROCEDURES, FOR ADDITIONAL REQUIREMENTS.
2. REFER TO STRUCTURAL DRAWINGS FOR SCHEDULE OF SPECIAL INSPECTIONS, IF INDICATED.
3. WHERE REQUIRED, THE OWNER SHALL PROVIDE THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO PERFORM TESTING AND SPECIAL INSPECTIONS INDICATED.

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E1	LIGHTING PLAN
E2	POWER PLAN
E3	POWER SCHEDULE
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VS3	VENSTAR SURVEYOR - S.O.W.
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SG1.2	SITE SIGNAGE DETAILS
SG2.1	BUILDING EXTERIOR SIGNAGE



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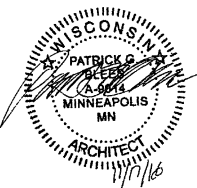
CONSULTANTS:

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SEAL:



PATRICK G. BLEES, ARCHITECT

10.14.16

DATE ISSUED

A-9014

REG. NO.



712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:

COVER SHEET

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: 16115.014

DRAWN BY: KJO

T1.1

SHEET 1 OF 2

SCOPE OF WORK SCHEDULE									
PROJECT MANUAL (CSI) SECTION REF. NUMBER	SECTION NAME REFERENCE	FURNISHED BY CONTRACTOR	INSTALLED BY CONTRACTOR	FURNISHED BY OWNER	INSTALLED BY OWNER	CONTACT INFORMATION			
	ITEM OR WORK DESCRIPTION					COMPANY & ADDRESS		POINT OF CONTACT, PHONE (P), FAX (F), OR EMAIL (E)	
01 11 00	SUMMARY OF WORK (GENERAL BUILDING PERMIT, STATE DEPARTMENT OF TRANSPORTATION PERMITS, STATE DEPARTMENT OF NATURAL RESOURCES PERMITS)				X	O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802		OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR	
01 11 00	SUMMARY OF WORK (ALL TRADE PERMITS, UTILITY IMPACT AND CONNECTION FEES, OR PERMITS AND FEES REQUIRED FOR PROJECT COMPLETION)	X							
01 45 16	QUALITY CONTROL PROCEDURES (TESTING & SPECIAL INSPECTIONS)		X	X		(TO BE DETERMINED)		OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR	
07 21 00	BUILDING INSULATION (PRE-ENGINEERED METAL BUILDING BATT)		X	X		GLOBAL BUILDING PRODUCTS (SILVERCOTE INSULATION) 1121 HERMAN STREET ELKHART, INDIANA 46516		JERRY MILLER P: 417.861.9513	
07 46 00	SIDING (FIBER CEMENT BOARD)	X	X			(REFER TO NOTE NO. 1) NICHIIHA USA, INC. 8659 PEACHTREE INDUSTRIAL BLVD. SUITE AA NORCROSS, GEORGIA 30092		MICHAEL RUSSO P: 770.805.9466	
08 11 19	STEEL DOORS AND FRAMES (EXTERIOR SWING UNITS)		X	X		GLOBAL BUILDING PRODUCTS 1121 HERMAN STREET ELKHART, INDIANA 46516		ANDREW CARPENTER P: 574.296.6868	
08 11 19	STEEL DOORS AND FRAMES (INTERIOR SWING UNITS)	X	X			(REFER TO NOTE NO. 1) LOCKNET 100 COURCHELLE DRIVE NICHOLASVILLE, KY 40356		PAM PEEL P: 800.887.4307, EXT: 133 F: 859.881.5499 E: construction@locknet.com	
08 14 16	FLUSH WOOD DOORS (INTERIOR SWING UNITS)	X	X			(REFER TO NOTE NO. 1) LOCKNET 100 COURCHELLE DRIVE NICHOLASVILLE, KY 40356		PAM PEEL P: 800.887.4307, EXT: 133 F: 859.881.5499 E: construction@locknet.com	
08 71 00	DOOR HARDWARE (EXTERIOR SWING UNITS)		X	X		GLOBAL BUILDING PRODUCTS 1121 HERMAN STREET ELKHART, INDIANA 46516		ANDREW CARPENTER P: 574.296.6868	
08 71 00	DOOR HARDWARE (INTERIOR SWING UNITS)	X	X			(REFER TO NOTE NO. 1) LOCKNET 100 COURCHELLE DRIVE NICHOLASVILLE, KY 40356		PAM PEEL P: 800.887.4307, EXT: 133 F: 859.881.5499 E: construction@locknet.com	
08 41 13	ALUMINUM ENTRANCES AND STOREFRONTS	X	X			(REFER TO NOTE NO. 1) COULTER & COMPANY 13711 E. 66TH STREET NORTH OWASSO, OK 74055		CARL OR TOMMY COULTER P: 918.272.4494 F: 918.272.7908 E: coultier-co@earthlink.net	
08 44 12 08 44 13	GLAZED ALUMINUM CURTAIN WALLS	X	X			(REFER TO NOTE NO. 1) COULTER & COMPANY 13711 E. 66TH STREET NORTH OWASSO, OK 74055		CARL OR TOMMY COULTER P: 918.272.4494 F: 918.272.7908 E: coultier-co@earthlink.net	
09 90 00	PAINTING (INTERIOR PAINTED GRAPHICS)			X	X	O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802		OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR	
10 14 00	SIGNAGE (EXTERIOR PANEL SIGNAGE, ILLUMINATED PANEL SIGNAGE, POST AND PANEL/PYLON SIGNAGE, POST CONCRETE FOUNDATIONS)			X	X	O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802		OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR	
10 14 00	SIGNAGE (MONUMENT SIGN CONCRETE FOUNDATIONS AND MASONRY, ELECTRICAL ROUGH-IN SYSTEMS)	X	X						
10 28 13	TOILET ACCESSORIES (TISSUE PAPER DISPENSERS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS)		X	X		O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802		OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR	
10 71 16	STORM PANELS	X	X			(REFER TO NOTE NO. 1) TOWN & COUNTRY INDUSTRIES 400 WEST MCNAB ROAD FORT LAUDERDALE, FLORIDA 33309		TOM JOHNSON P: 561.512.9702	
11 16 16	SAFES		X	X		O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802		OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR	
12 57 00	INDUSTRIAL FURNITURE (RACKING AND SHELVING)			X	X	O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802		OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR	
13 34 18	PRE-ENGINEERED META BUILDING SYSTEMS	X	X			BUTLER MANUFACTURING, INC. 1540 GENESSEE STREET KANSAS CITY, MO 64102		SCOTT CARLETON P: 816.968.3472 F: 816.627.8964	
						CHIEF BUILDINGS, INC. P.O. BOX 2078 1821 SOUTH NORTH ROAD GRAND ISLAND, NE 68802-2078		MICHAEL LOYD P: 308.390.6665	
22 40 00	PLUMBING FIXTURES (ONLY WATER HEATERS, SHELF, & THERMAL EXPANSION TANK)		X	X		GRABAR ELECTRIC COMPANY, INC. 11885 LACKLAND ROAD ST. LOUIS, MO 63146		SANDI YOUNG P: 314.573.2082 SAM CAST P: 314.573.2081	
23 74 00	ROOFTOP HEATING/COOLING UNITS		X	X		CARRIER CORPORATION NATIONAL ACCOUNTS 29 INDUSTRIAL PARK DRIVE BINGHAMTON, NY 13904		SARA TILTON P: 866.389.4658, EXT. 3429 PAUL WITZ P: 315.317.2481	
25 00 00	INTEGRATED AUTOMATION (ENERGY MANAGEMENT SYSTEM - SOFTWARE, HARDWARE, CONDUIT, WIRING, EQUIPMENT)		X	X		VENSTAR, INC.		(TECHNICAL SUPPORT) P: 818.812.9812 P: 818.341.8760	
25 00 00	INTEGRATED AUTOMATION (ENERGY MANAGEMENT SYSTEM - INSTALLATION)	X	X			(REFER TO NOTE NO. 2) STOVER ELECTRIC		JAMES STOVER P: 805.581.0740	
						(REFER TO NOTE NO. 2) ZUBRAS ELECTRIC		SIMON ZUBRAS P: 214.319.6900	
						(REFER TO NOTE NO. 2) SYLVANIA LIGHTING SERVICES		ENIS PACAVAR P: 978.395.1807	

26 24 13	ELECTRICAL EQUIPMENT (PANEL BOARDS, TRANSFORMERS, TRANSFER SWITCH KIT, AND DISCONNECTS)		X	X		GRABAR ELECTRIC COMPANY, INC. 11885 LACKLAND ROAD ST. LOUIS, MO 63146	SANDI YOUNG P: 314.573.2082 SAM CAST P: 314.573.2081
26 50 00	LIGHTING (LIGHT FIXTURES, SENSORS)		X	X		GRABAR ELECTRIC COMPANY, INC. 11885 LACKLAND ROAD ST. LOUIS, MO 63146	SANDI YOUNG P: 314.573.2082 SAM CAST P: 314.573.2081
27 00 00	COMMUNICATIONS - VOICE AND DATA (ELECTRONIC SYSTEMS AND CONDUCTORS)			X	X	O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802	OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR
27 00 00	COMMUNICATIONS - VOICE AND DATA (CONDUIT, BOXES)	X	X				
28 00 00	ELECTRONIC SAFETY AND SECURITY SYSTEM			X	X	O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802	OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR
28 30 00	FIRE DETECTION, ALARM, AND MONITORING SYSTEMS (CONDUIT, WIRING, EQUIPMENT) REFER TO FIRE PROTECTION, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.			X	X	O'REILLY AUTOMOTIVE STORES, INC. 233 SOUTH PATTESON SPRINGFIELD, MO 65802	LEIGH SIDES P: 417.829.5712
SCOPE OF WORK SCHEDULE NOTES: 1. CONTRACTOR'S OPTION TO PURCHASE MATERIALS THROUGH COMPANY(S) INDICATED. 2. CONTRACTOR'S OPTION TO PROVIDE INSTALLATION THROUGH COMPANY(S) INDICATED.							

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
(B) REFER TO DRAWINGS FOR ADDITIONAL REQUIREMENTS.
(C) SCOPE OF WORK SCHEDULE MAY INCLUDE ITEMS NOT REQUIRED FOR PROJECT SPECIFIC CONDITIONS.
(D) CONTACT OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR FOR QUESTIONS OR CLARIFICATIONS.
(E) FOR LEASE SPACES, SEE SHEET M1 FOR "MECHANICAL RESPONSIBILITY SCHEDULE" FOR ADDITIONAL SCOPE OF WORK.

BIDDING INFORMATION:
REFER TO OWNER'S WEB SITE:
WWW.O'REILLYPLANROOM.COM

NOTE: REFER TO CURRENT PROJECTS LIST, LOCATED AT BOTTOM OF SIGN IN PAGE, FOR INVITED GENERAL CONTRACTORS.

ALL SUB-CONTRACTOR BIDS TO BE SUBMITTED TO INVITED GENERAL CONTRACTORS ONLY.

CONTACT OWNER'S DESIGNATED REPRESENTATIVE FOR ADDITIONAL PROJECT INFORMATION.

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SEAL:



PATRICK G. BLEES, ARCHITECT

10.14.16
DATE ISSUED
A-9014
REG. NO.

Reilly AUTO PARTS
712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
SCOPE OF WORK SCHEDULE

REVISIONS:		
NO:	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO

T1.2
SHEET 2 OF 2



REAL ESTATE	
PROPERTY GROSS AREA:	31,002 GSF
SITE	
PARKING GROSS AREA:	17,800 GSF
BUILDING	
BUILDING GROSS AREA:	7,228 GSF
BUILDING INTERIOR AREA:	6,980 SF

(A) UPON REQUEST OWNER TO PROVIDE UNDER SEPERATE COVER, PROJECT HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS) FOR COMMODITY TYPES, HAZARD CLASS, AND QUANTITIES.

(B) OWNER RESPONSIBLE FOR MONITORING INVENTORY COMMODITY TYPES AND QUANTITIES TO NOT EXCEED CODE REQUIREMENTS.

ROOM OR AREA (REFER TO FLOOR PLAN)	AREA PER OCCUPANT(S.F.)	OCCUPANTS (QTY.)
100 - PARTS AREA "A"	30	105
101 - PARTS AREA "B"	300	3
102 - OFFICE	100	1
103 - RESTROOM	N/A	0
104 - RESTROOM	N/A	0
105 - PARTS AREA "C"	300	9
TOTAL OCCUPANCY		118

M
II-B
325 SF
120' x 180' (N)
DESIGN OCCUPANT LOAD SERVED BY EXIT:
MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 30' 1/2" x 180')
OCCUPANT LOAD SERVED BY EXIT BUT
NOT COUNTED IN TOTAL OCCUPANT LOAD:
(1) HOUR FIRE SEPARATION ASSEMBLY EXTENDS UP
TO DECK OR FIRE SEAL COMPLETELY;
(2) HOUR FIRE SEPARATION ASSEMBLY EXTENDS UP
TO DECK OR MIN. 30" ABOVE DECK, FIRE SEAL
COMPLETELY;
ROOM OCCUPANT LOAD NOT COUNTED IN:
(16) ROOM OCCUPANT LOAD AT 5 SQ. FT. NET PER PERSON;
(16) ROOM OCCUPANT LOAD AT 7 SQ. FT. NET PER PERSON;
(12) ROOM OCCUPANT LOAD AT 15 SQ. FT. NET PER PERSON;
(32) ROOM OCCUPANT LOAD AT 20 SQ. FT. NET PER PERSON;
(42) ROOM OCCUPANT LOAD AT 30 SQ. FT. GROSS PER PERSON;
(42) ROOM OCCUPANT LOAD AT 100 SQ. FT. GROSS PER PERSON;
(95) ROOM OCCUPANT LOAD AT 200 SQ. FT. GROSS PER PERSON;
(20) ROOM OCCUPANT LOAD AT 300 SQ. FT. GROSS PER PERSON;
(10) ROOM OCCUPANT LOAD AT 500 SQ. FT. GROSS PER PERSON;
(F) ROOM OCCUPANT LOAD AT 18" OF SEAT PER PERSON;
(F) FIRE ALARM PULL STATION;
(F) FIRE AUDIBLE & VISUAL ALARM;
(S) FIRE ALARM STROBE;
(E) EMERGENCY EXIT LIGHTING;
(X) FLOOR/CEILING FIRE RATED ASSEMBLY;
EXIT ACCESS TRAVEL DISTANCE (LENGTH IN FEET)

SERVICE SINK REQUIRED: 1
SERVICE SINK PROVIDED: 1



CERTIFICATE OF SURVEY

prepared for:

CHICAGO TITLE INSURANCE COMPANY
O'REILLY AUTOMOTIVE STORES, INC.
AND MERIDIAN TITLE
of 710 George Street - La Crosse, Wisconsin

LEGAL DESCRIPTION OF PARENT PARCEL (PER TITLE COMMITMENT NO. CO-1469)

PARCEL A:
Part of the Southwest 1/4 of the Northeast 1/4 of Section 29, Town 16 North, Range 7 West, in the City of La Crosse, County of La Crosse, State of Wisconsin, described as follows: Beginning at a point on the East line of George Street 33 feet East and 150 feet South of the Northeast corner of Lot 8 in Block 15 of McConnell and Whittlesby's Addition to North La Crosse; thence East 180 feet; thence South 50 feet; thence West 180 feet to the East line of George Street; thence North along said East line 50 feet to the point of beginning. EXCEPTING therefrom those lands contained in Award of Damages recorded in Volume 342 of Records, Page 150.

ALSO

The North 100 feet of the South 589.5 feet of the West 180 feet of the Southwest 1/4 of the Northeast 1/4 of Section 29, Town 16 North, Range 7 West, in the City of La Crosse, County of La Crosse, State of Wisconsin. Said property also described as follows: Part of the Southwest 1/4 of the Northeast 1/4 of Section 29, Town 16 North, Range 7 West, in the City of La Crosse, County of La Crosse, State of Wisconsin, described as follows: Commencing on the East line of George Street at its intersection with the North line of Hagar Street extended East; thence North along said East line 52 feet to the point of beginning of this description; thence continuing North along said East line 94 feet to a point 200 feet South of the South line of St. Cloud Street; thence East parallel with said South line of St. Cloud Street 150 feet; thence South parallel with said East line of George Street 93.3 feet; thence West 150 feet more or less, to the point of beginning.

EXCEPTING from Parcel A those land contained in Award of Damages recorded as Document No. 1218558.

PARCEL B:
Part of the Southwest 1/4 of the Northeast 1/4 of Section 29, Town 16 North, Range 7 West, in the City of La Crosse, County of La Crosse, State of Wisconsin, described as follows: Commencing on the East line of George Street at a point 50 feet South of the intersection of said line and the extended South line of St. Cloud Street; thence East 150 feet; thence South 100 feet; thence West 150 feet to the East line of George Street; thence North along East line 100 feet to the point of beginning.

EXCEPTING therefrom those land contained in Award of Damages recorded as Document No. 1218558.

METES AND BOUNDS DESCRIPTION

That part of the Southwest Quarter of the Northeast Quarter of Section 29, Township 16N, Range 7W, La Crosse County, Wisconsin, described as follows: Commencing at the intersection of the south right of way line of St. Cloud Street and the east line of the West 180 feet of said Southwest Quarter of the Northeast Quarter, as measured at right angles to the west line thereof; thence South 00 degrees 03 minutes 39 seconds West, assumed bearing, parallel with said west line of the Southwest Quarter of the Northeast Quarter, a distance of 50.00 feet to the point of beginning of the parcel to be described; thence continuing South 00 degrees 03 minutes 39 seconds West, parallel with said west line, a distance of 248.17 feet; thence South 89 degrees 52 minutes 39 seconds West, a distance of 133.74 feet, more or less, to the easterly right of way line of George Street; thence North 00 degrees 56 minutes 06 seconds East, along said easterly right of way, a distance of 45.47 feet; thence continuing along said easterly right of way line North 07 degrees 15 minutes 14 seconds East, a distance of 107.30 feet; thence continuing along said easterly right of way line North 00 degrees 56 minutes 09 seconds East, a distance of 80.20 feet; thence continuing along said easterly right of way line North 40 degrees 25 minutes 31 East, a distance of 9.55 feet to its intersection with a line bearing North 89 degrees 32 minutes 07 seconds West from said point of beginning; thence South 89 degrees 32 minutes 07 seconds East, a distance of 112.05 feet to the point of beginning and there terminating.

Said parcel contains 0.712 acres or 31,002 square feet.

Subject to any easements restrictions, or reservations of record, if any.

NOTES CORRESPONDING TO TITLE INSURANCE COMPANY SCHEDULE B - SECTION II EXCEPTIONS COMMITMENT NUMBER: CO-1469 COMMITMENT DATE: February 21, 2014

- Limited Highway Easement granted to the City of La Crosse, recorded September 25, 1961 in Volume 338 of Records, Page 642.
COMMENT: This document does not affect the subject property. The area described lies within the right of way of George Street described in Doc. No. 1218558.
- Easements contained in Award of Damages recorded as Document No. 923478 and in Award of Damages and recorded as Document No. 924118.
COMMENT: These documents do not affect the subject property. The area described lies within the right of way of George Street described in Doc. No. 1218558.
- Covenants, conditions and restrictions...as set forth in the document.
Recording Date: April 1, 1993
Recording No: 1088229
COMMENT: This document affects the subject property, however it is not clear where the east right of way line of George Street was located at the time the covenant was established so the 27' setback line is not shown in this survey. According to Tim Adkin with the City of La Crosse, WI, this covenant is likely no longer needed and O'Reilly Automotive has the option to request that the covenant be terminated.
- Covenants, Conditions and Restrictions contained in Easement for Ingress and Egress recorded as Document No. 1170506.
COMMENT: This document does affect the subject property in that it establishes an access easement, for the benefit of the subject property, to St. Cloud Street, however, the description included in this document contains errors. Therefore, the easement shown hereon is 50 feet wide and connects the north line of the subject property with the south line of St. Cloud Street, which is the assumed intent of the description.
- Permanent limited easement and temporary limited easement contained in Award of Damages recorded as Document No. 1218558.
COMMENT: This document affects the subject property. The easterly right of way line of George Street is shown based on the dimensions shown on this document and the found right of way monuments.

LEGEND

- DENOTES SET DRILL HOLE WITH PK NAIL UNLESS OTHERWISE NOTED
- DENOTES FOUND IRON MONUMENT
- ⊙ DENOTES SANITARY MANHOLE
- ⊙ DENOTES STORM SEWER CATCH BASIN
- ⊙ DENOTES STORM SEWER MANHOLE
- ⊙ DENOTES WATER VALVE
- ⊙ DENOTES POWER POLE AND GUY WIRE
- ⊙ DENOTES LIGHT POLE
- ⊙ DENOTES GAS VALVE
- ⊙ DENOTES MONITORING WELL
- ST — DENOTES UNDERGROUND STORM SEWER
- S — DENOTES UNDERGROUND SANITARY SEWER
- W — DENOTES UNDERGROUND WATER MAIN
- G — DENOTES UNDERGROUND GAS LINE
- E — DENOTES UNDERGROUND ELECTRIC LINE
- FIBER — DENOTES UNDERGROUND FIBER OPTIC LINE
- OHU — DENOTES OVERHEAD ELECTRIC, PHONE, CABLE
- 999.9 — DENOTES EXISTING GROUND ELEVATION
- 999.9 — DENOTES EXISTING GUTTER LINE ELEVATION
- 999.9 — DENOTES OVERHEAD UTILITY HEIGHT

SURVEYOR'S CERTIFICATION

To O'Reilly Automotive Stores, Inc., Chicago Title Insurance Company, and Meridian Title: This is to certify that this map or plot and the survey on which it is based were made in accordance with the 2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys, jointly established and adopted by ALTA and NSPS. The field work was completed on March 13, 2014.

Date of Plot or Map:

Kyle J. Roddy, WI RLS 2307

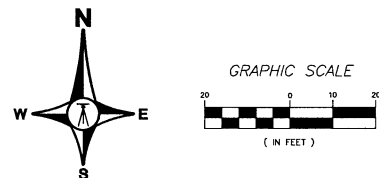
REVISIONS

ANDERSON PASSE
ASSOCIATES
200 THIRD AVENUE NE, SUITE 100
CAMBRIDGE, MN 55008
(763) 689-4042 PH. (763) 689-6681 FAX

CIVIL ENGINEERS LAND SURVEYORS

PLANNERS

SV1



PRESENT OWNER

(PER TITLE COMMITMENT NO. CO-1469):
Michael and Marlene Schlegel
710 George Street
La Crosse, WI 54603

BEARING NOTE

FOR THE PURPOSES OF THIS SURVEY THE WEST LINE OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29 IS ASSUMED TO BEAR SOUTH 00 DEGREES 03 MINUTES 39 SECONDS WEST.

FLOOD ZONE

THIS SITE IS INCLUDED ON FLOOD INSURANCE RATE MAP—COMMUNITY PANEL NUMBER 5506302530. ACCORDING TO THIS MAP THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE AE, WHICH IS DEFINED AS AN AREA DETERMINED TO BE INSIDE THE 100-YEAR ANNUAL CHANCE FLOODPLAIN.

UTILITY COMPANY CONTACT INFO

City of La Crosse, WI (Sewer, Water): (608) 789-7569
Randy Turkel, Director of Engineering
rturkel@cityoflacrosse.org
400 La Crosse Street
La Crosse, WI 54601
CenturyLink (Phone): (608) 796-5543
Steven Blado
stevenblado@centurylink.com
333 N. Front Street
PO Box 4800
La Crosse, WI 54602
Wisconsin Independent Network (Fiber Optic): (715) 832-3750
Scott Graun
800 Wisconsin Street, #107
Eau Claire, WI 54703
Charter Communications (Cable): (608) 783-8130
Perry McCallan
perry.mccallan@charter.com
1228 12th Ave South
Onalaska, WI 54650
Xcel Energy Inc. (Electric & Gas): (715) 839-2574
Nancy Dotson
nancy.dotson@xcelenergy.com
1414 W. Hamilton Ave
PO Box 8
Eau Claire, WI 54702

SOURCE BENCHMARK

NGS BM (ON1332)
ON US HWY 53 - NE CORNER OF BRIDGE OVER
RAILROAD TRACKS (0.6± MILES SW OF THE SITE)
677.95 (NAVD 88 DATUM)

SITE BENCHMARK

ELECTRIC MANHOLE RM NEAR
NW CORNER OF SUBJECT PROPERTY
ELEVATION=641.13 (NAVD 88 DATUM)

SITE AREA

Gross Land Area: 31,002 sq.ft. / 0.712 Ac.

ZONING

THIS SUBJECT PROPERTY IS LOCATED WITHIN THE CITY OF LA CROSSE CITY LIMITS AND IN THE FOLLOWING ZONING DISTRICT:

C2 - COMMERCIAL

SETBACKS: THERE ARE NO MINIMUM SETBACK REQUIREMENTS IN THE C2 ZONING DISTRICT, HOWEVER ANY SITE PLAN THAT PROPOSES A BUILDING WITHIN 6 FEET OF A PROPERTY LINE IS SUBJECT TO REVIEW BY THE FIRE DEPARTMENT.

NOTES

- THE CLOSEST FIRE HYDRANT TO THE SUBJECT PROPERTY IS APPROXIMATELY 64 FEET SW OF THE SW CORNER OF THE MAIN BUILDING ON THE SUBJECT PROPERTY.
- THERE ARE NO PLANS TO WIDEN GEORGE STREET OR ST. CLOUD STREET PER MATTHEW GALLAGHER, CITY TRAFFIC ENGINEER FOR THE CITY OF LA CROSSE.
- ALL OF THE PUBLIC STORM SEWER IN THIS AREA APPEARS TO BE REINFORCED CONCRETE PIPE.
- IT IS NOT CLEAR WHAT THE FUNCTION OF THE MANHOLE IN THIS LOCATION IS. IT IS POSSIBLY AN ACCESS POINT TO AN UNDERGROUND STORAGE TANK. THE CURRENT OWNER SHOULD BE CONTACTED TO DETERMINE IF THIS IS THE CASE.
- THIS MANHOLE APPEARS TO BE A PART OF THE DRAINAGE SYSTEM ON THE SUBJECT PROPERTY. THE TWO PIPE RUNNING NE AND SW OUT OF THIS MANHOLE ARE 4" PVC WITH INVERT ELEVATIONS OF 937.8. THE BOTTOM OF THE STRUCTURE WAS FILLED WITH FROZEN MUD, BUT HAS AN APPROXIMATE ELEVATION OF 936.2.
- DUE TO SNOW AND ICE COVER, THE LOCATION OF UNDERGROUND SMALL UTILITIES AND THE LIMITS OF THE PARKING AND GRASS AREAS ARE SHOWN AS BEST AS COULD BE LOCATED GIVEN THE FIELD CONDITIONS AT THE TIME OF THE SURVEY AND BASED ON MAPS PROVIDED BY VARIOUS UTILITY COMPANIES.
- HIGHWAY STATIONING SHOWN HEREON IS APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR EXACT LOCATION. THE STATION LABELS ARE SHOWN IN METERS, AS SHOWN ON STATE R/W PROJECT 5221-04-21 PLANS.

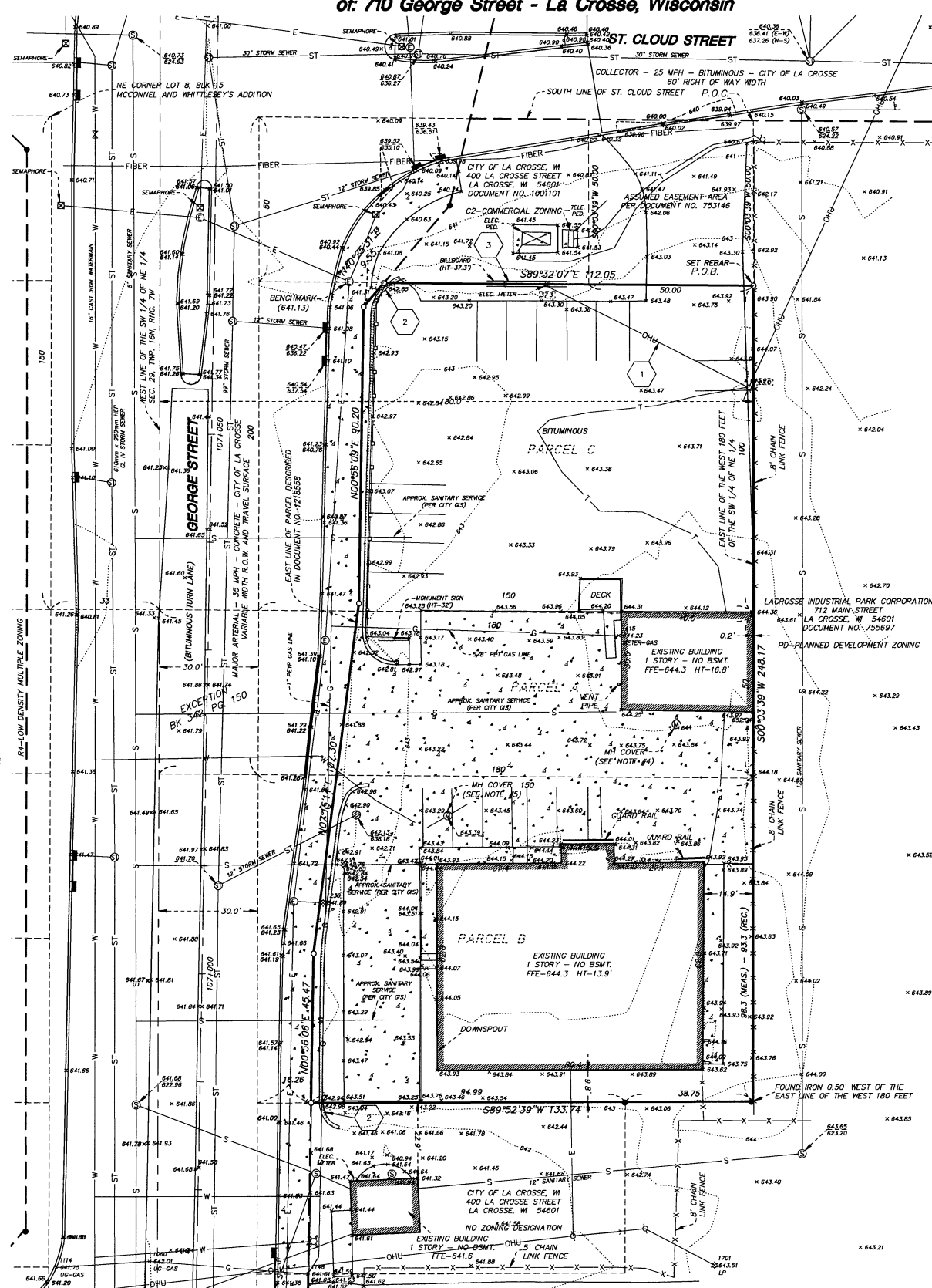
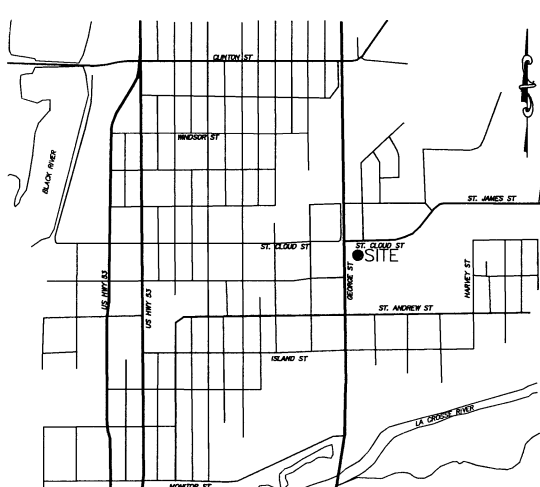
NOTE REGARDING UTILITIES

The location of underground utilities shown hereon are approximate and are based on field locations of visible structures, markings at the time of our survey, and compiling as-built information furnished by various utility companies and governmental agencies. The markings shown on the face of this survey are per Diggers Hotline Ticket Number 20141100411.

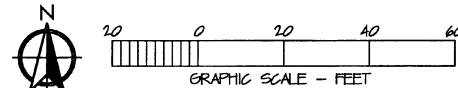
STATEMENT OF APPARENT ENCROACHMENTS

- An overhead electric line crosses the NE corner of the subject property.
- Two retaining walls run the length of the west side of the subject property. It is not clear whether the wall is owned by the Present Owner or if the wall is owned/maintained by the City of La Crosse. If it is owned by the Present Owner, it is not an encroachment, but it does extend on to the parcels north and south of the subject property. If it is owned by the city, the wall and a small portion of the sidewalk are an encroachment on the subject property as there is no easement covering these improvements.
- There is a billboard that sits directly on the north property line that is not covered by an easement included in the exception documents.

VICINITY MAP
LA CROSSE, WI
"NO SCALE"

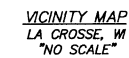


**EXISTING STORE, EXISTING STORE PARKING LOT, & SOUTHWEST EXISTING DRIVEWAY
TO REMAIN IN OPERATION DURING DEMOLITION OF SHED AND CONSTRUCTION OF NEW
NORTH ACCESS.**



- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- C. REMOVE ALL EXISTING SITE CONSTRUCTION AND DELETERIOUS MATERIALS UNLESS OTHERWISE NOTED.
- D. REFER TO SITE UTILITIES PLAN FOR DEMOLITION OF EXISTING UTILITIES.
- E. ALL DEMOLISHED MATERIALS SHALL BECOME PROPERTY OF CONTRACTOR FOR PROPER DISPOSAL UNLESS OTHERWISE NOTED.

- (D1) EXISTING BUILDING:
REMOVE EXISTING BUILDING.
- (D2) EXISTING DECK:
REMOVE EXISTING DECK.
- (D3) EXISTING PAVEMENT:
ALL EXISTING PAVEMENT NEEDS TO BE REMOVED IN THE AREA WHERE NEW CONSTRUCTION WILL BE PERFORMED.
- (D4) EXISTING SIGN:
REMOVE EXISTING SIGN AND OVERHEAD POWERLINE TO SIGN.
- (D5) EXISTING RETAINING WALL:
REMOVE EXISTING RETAINING WALL AND FILL WITH GRAVEL TO KEEP SITE ACCESSIBLE.
- (D6) EXISTING CURB:
REMOVE EXISTING CURB AND REGRADE TO KEEP DRIVEWAY ACCESSIBLE.



ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
2045 W. WOODLAND SPRINGFIELD, MISSOURI 65807. PHONE (417) 866-2741
ANDERSON CO.# 38234-006. PAUL J. ENGEL PE# 64877

REVISIONS:

ANDERSON COA# 3	BY: BL
	CKD: PJE
10180-16	
WB-110-713	



PAUL ENGEL, CIVIL ENGINEER

11/11/16
DATE ISSUED
64877
REG. NO.



710 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
PHASE 1 DEMOLITION
PLAN

REVISIONS:

[illegible]

PROJECT NO: 16115.014
DRAWN BY: BL

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

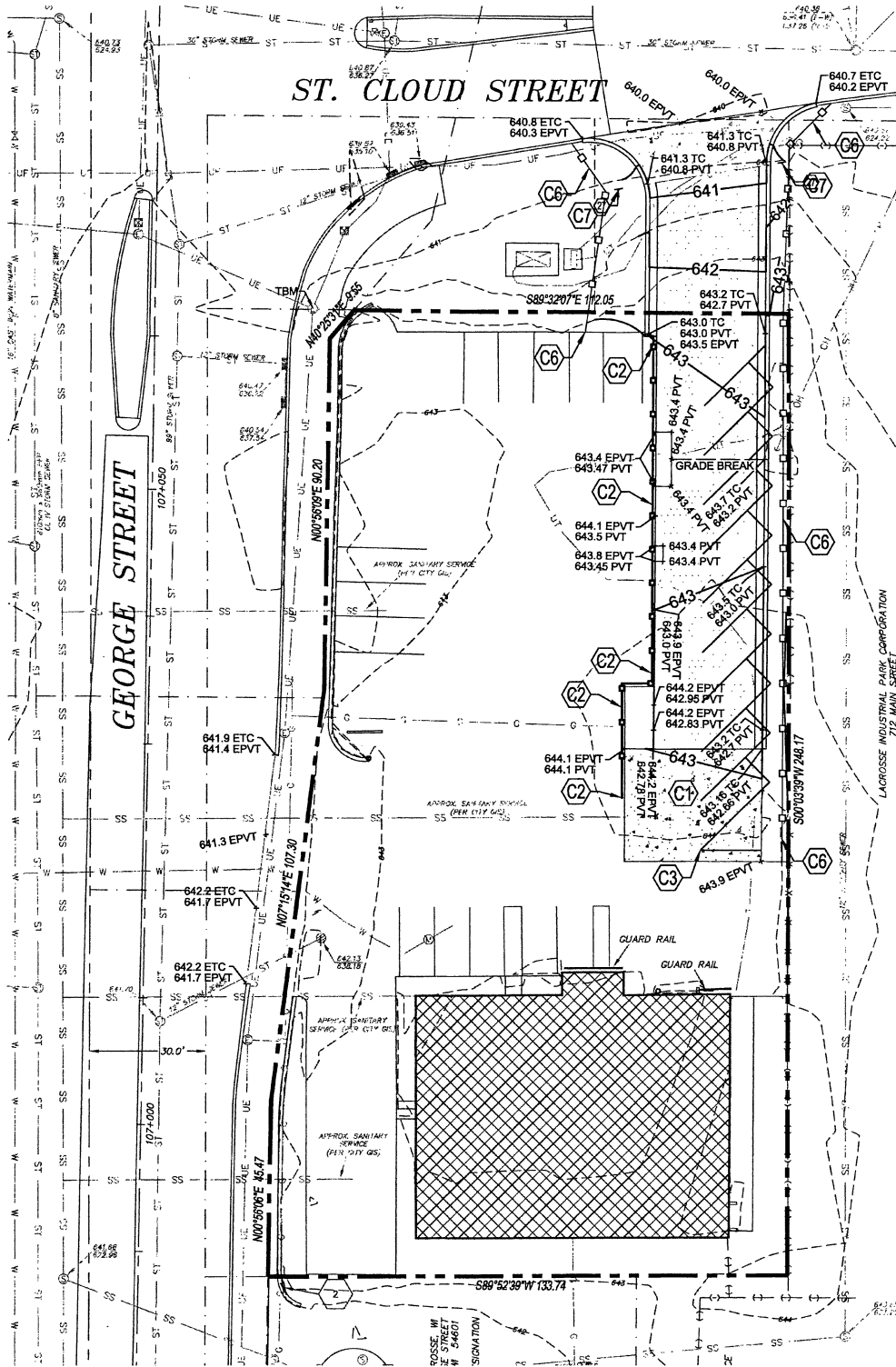
EXISTING ITEMS TO BE REMOVED

D1.1

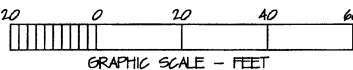
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EROSION CONTROL & MAINTENANCE PLAN NOTES:

1. RETAIN FLOTABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. REFER TO 3C1.2 FOR SILT FENCE CONSTRUCTION.
7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MAT 450 OR APPROVED EQUAL MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.



1 PHASE 1 SITE GRADING PLAN
C1.1A SCALE: 1" = 20'



PROJECT PHASE 1 SPECIAL NOTE:

EXISTING STORE, EXISTING STORE PARKING LOT, & SOUTHWEST EXISTING DRIVEWAY TO REMAIN IN OPERATION DURING CONSTRUCTION OF NEW NORTH ACCESS.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.

FLOOD ZONE:

ACCORDING TO FLOOD INSURANCE RATE MAP-COMMUNITY PANEL NUMBER 55063C02530, THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE AE, WHICH IS DEFINED AS AN AREA DETERMINED TO BE INSIDE THE 100-YEAR ANNUAL CHANCE FLOODPLAIN.

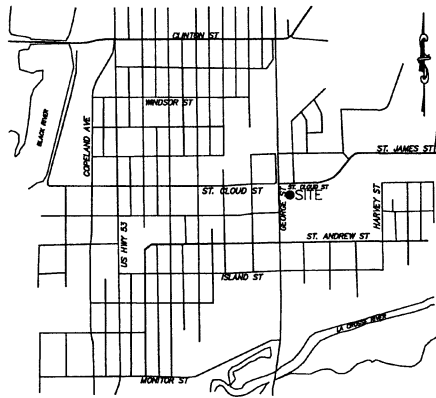
KEY NOTES:

- INSTALL TEMPORARY ASPHALT PAVEMENT AT INDICATED AREA ON PLANS TO PROVIDE PROPER GRADING FOR TRAFFIC THROUGHOUT CONSTRUCTION OF PHASE 1 & 2. REPLACED WITH PERMANENT PAVEMENT PRIOR TO BEGINNING PHASE 3. REFER TO DETAIL 3C1.18 FOR PERMANENT PAVEMENT ELEVATIONS.
- INSTALL CAUTION FENCE ALONG PAVEMENT CUT. FENCE OFF TEMPORARY ASPHALT PAVEMENT AREA WHERE GRADES EXCEED 10% SLOPE.
- INSTALL TEMPORARY PAVEMENT MARKINGS AT 45' TO DRIVE.
- NOT USED.
- NOT USED.
- LIMITS OF TEMPORARY EROSION CONTROL FENCE. REFER TO DETAIL 3C1.2.
- INSTALL "DO NOT ENTER" SIGN.

NOTE: PRIOR TO BEGINNING ANY SITE WORK & ORDERING OF MATERIALS, CONTRACTOR SHALL FIELD VERIFY ALL UTILITY & DRAINAGE CONNECTIONS TO EXISTING SYSTEMS BY POT HOLE AND SHALL NOTIFY ENGINEER OF NEEDED CHANGES. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR BEING RESPONSIBLE FOR ALL REVISION COSTS AND DELAYS.

SPECIAL NOTE: FIELD VERIFY SANITARY SEWER CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION. REFER TO SITE UTILITIES PLAN.

SPECIAL NOTE: CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES MATCH EXISTING PAVEMENT AT DRIVEWAY ENTRANCES. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.



VICINITY MAP
LA CROSSE, WI
"NO SCALE"



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FAX: 417-866-2741
ANDERSON COMM 38234-008 • PAUL J. ENGEL, P.E. 64877

REVISIONS:
BY: BL
10180-16 CDD: PJE
WB-110-713

PATRICK G. BLEES
architecture • planning • interior design

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tjohnson@cmarch.com

CONSULTANTS:

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AST, INC.
7212 METRO BLVD.
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FAX: 952-854-9360

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PHONE: 417-882-2200
FAX: 417-882-1188

SEAL:



PAUL ENGEL, CIVIL ENGINEER

11/11/16

DATE ISSUED

64877

REG. NO.



710 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:

PHASE 1 SITE GRADING
PLAN

REVISIONS:

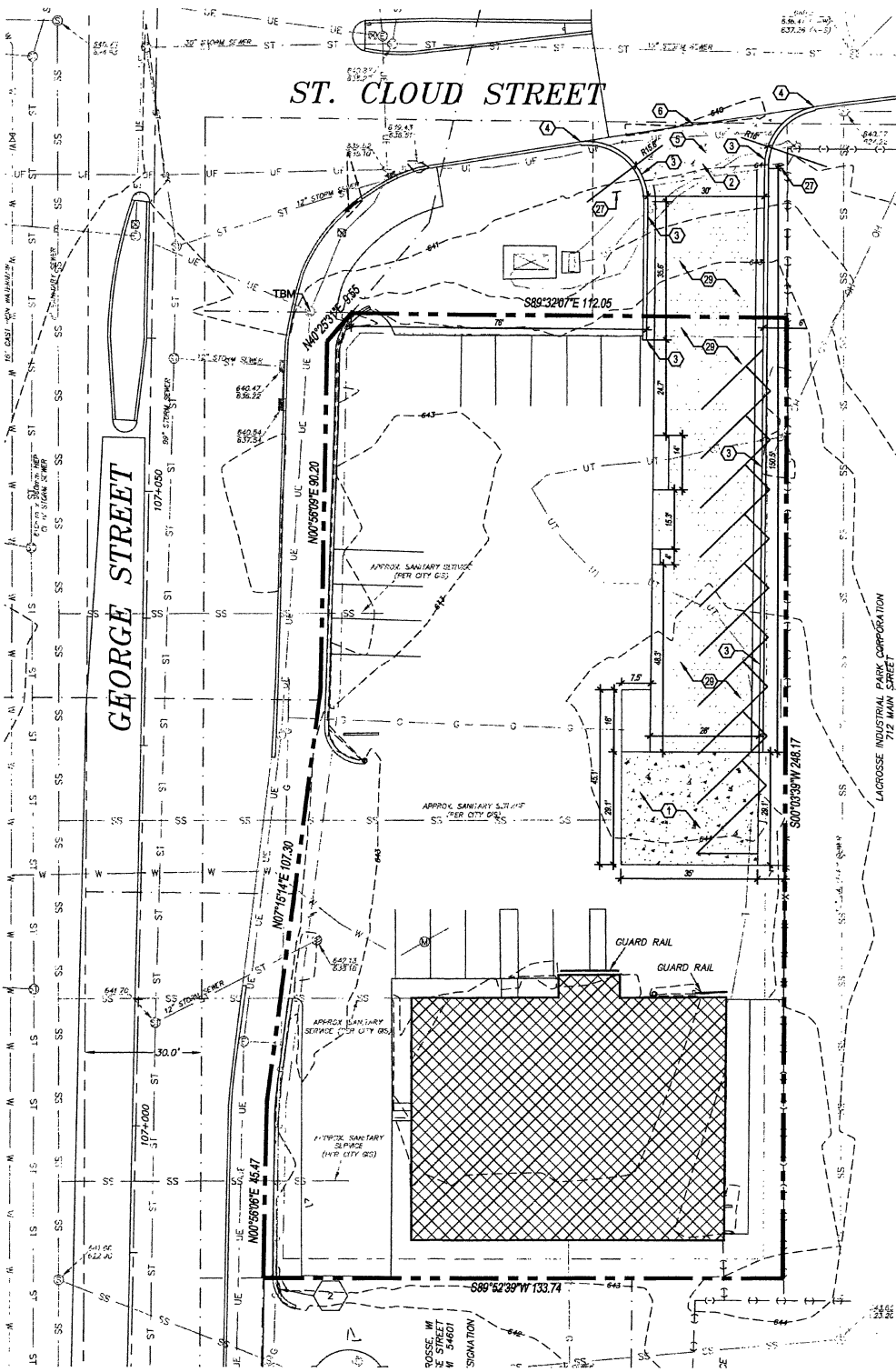
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PROJECT NO: 16115.014
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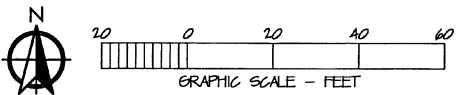
C1.1A

PROJECT PHASE 1 SPECIAL NOTE:

EXISTING STORE, EXISTING STORE PARKING LOT, & SOUTHWEST EXISTING DRIVEWAY
TO REMAIN IN OPERATION DURING CONSTRUCTION OF NEW NORTH ACCESS.



1 PHASE 1 SITE DIMENSION PLAN
C2.1A SCALE: 1" = 20'



SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.

FLOOD ZONE:

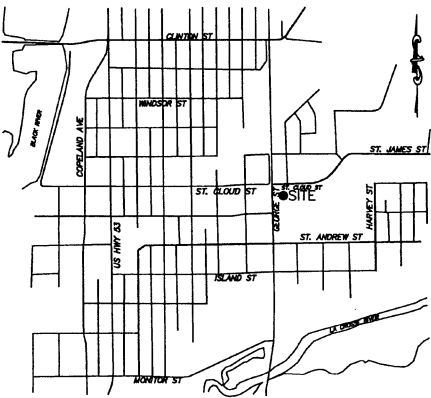
ACCORDING TO FLOOD INSURANCE RATE MAP-COMMUNITY PANEL NUMBER 5506302830, THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE AE, WHICH IS DEFINED AS AN AREA DETERMINED TO BE INSIDE THE 100-YEAR ANNUAL CHANCE FLOODPLAIN.

GENERAL NOTES:

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. ALL SITE DIMENSIONS TO THE GUTTER LINE OF CURB, CONCRETE OR PROPERTY LINE UNLESS OTHERWISE NOTED. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND STARTING CONSTRUCTION.
- C. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- D. REFER TO STRUCTURAL PLANS FOR DEVELOPMENT OF SIDEWALKS ADJACENT TO FOUNDATIONS.
- E. PRIOR TO INSTALLATION, GENERAL CONTRACTOR TO CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR IS TO CONTACT O'REILLY PROJECT ADMINISTRATOR BEFORE PROCEEDING.

KEY NOTES:

1. **TEMPORARY ASPHALT PAVING:**
TEMPORARY ASPHALT PAVING AT INDICATED AREA ON PLANS TO PROVIDE PROPER GRADING FOR TRAFFIC THROUGHOUT CONSTRUCTION OF PHASE 1 & 2. REPLACED WITH PERMANENT PAVEMENT PRIOR TO BEGINNING PHASE 3. REFER TO DETAIL 3/C18.
2. **CONCRETE PAVING (HEAVY DUTY):**
CONCRETE PAVING (HEAVY DUTY) AT DRIVE APRONS AND REFUSE AREA. REFER TO DETAIL 2/C2.2.
3. **CONCRETE CURBS:**
CONCRETE CURBS, REFER TO DETAIL 3/C2.2.
4. **ROW CONCRETE CURB:**
CONCRETE CURB IN RIGHT-OF-WAY TO MATCH EXISTING PER CITY AND / OR STATE DESIGN STANDARDS.
5. **CONCRETE DRIVE APRON:**
CONCRETE DRIVE APRON (HEAVY DUTY) TO BE INSTALLED PER CITY AND / OR STATE DESIGN STANDARDS. IF NO STANDARDS PROVIDE CONCRETE CONSTRUCTION PER DETAIL 2/C2.2.
6. **LIMITS OF NEW PAVING:**
LIMITS OF NEW PAVING, MATCH EXISTING PAVEMENT TRANSITION ELEVATIONS.
27. **DO NOT ENTER SIGN:**
DO NOT ENTER SIGN TO BE USED WHILE TEMPORARY PARKING IS IN USE.
29. **ASPHALT PAVING (STANDARD DUTY):**
ASPHALT PAVING (STANDARD DUTY) AT DRIVE AREAS AND FIRE LANES. REFER TO DETAIL 12/C2.2.



VICINITY MAP
LA CROSSE, WI
"NO SCALE"

MOANDERSON ENGINEERING
EMPLOYEE OWNED

ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
2045 W. WOODLAND SPRINGFIELD, MISSOURI 65807
ANDERSON COMPANY, PAUL J. ENGEL FEB 6877

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SEAL:
11/11/16
DATE ISSUED 64877
REG. NO.
PAUL ENGEL, CIVIL ENGINEER

Reilly AUTO PARTS
710 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
PHASE 1 SITE DIMENSION
PLAN

REVISIONS:
NO. DATE BY:
PROJECT NO: 16115.014
DRAWN BY: BL

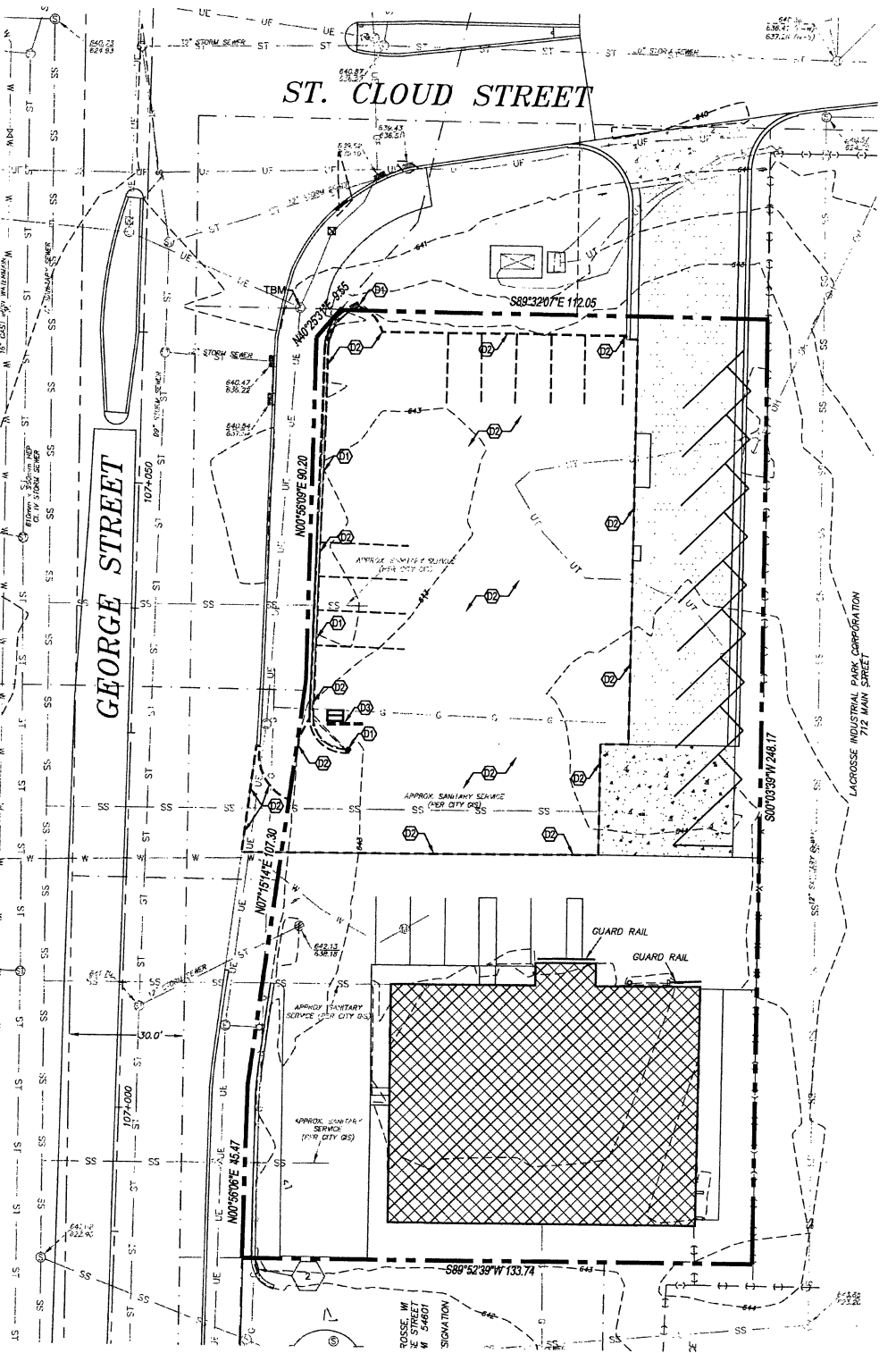
SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND	
	EXISTING BUILDING
	NEW ASPHALT PAVEMENT
	NEW CONCRETE PAVEMENT

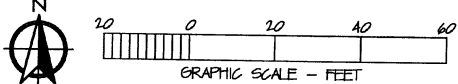
C2.1A

PROJECT PHASE 2 SPECIAL NOTE:

EXISTING STORE, NEW NORTHEAST DRIVEWAY & EXISTING SOUTHWEST DRIVEWAY TO REMAIN IN OPERATION DURING CONSTRUCTION OF NEW BUILDING.



1 PHASE 2 DEMOLITION PLAN
D1.2 SCALE: 1" = 20'

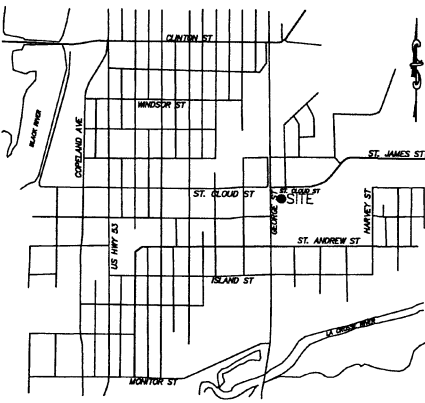


GENERAL NOTES:

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- C. REMOVE ALL EXISTING SITE CONSTRUCTION AND DELETERIOUS MATERIALS UNLESS OTHERWISE NOTED.
- D. REFER TO SITE UTILITIES PLAN FOR DEMOLITION OF EXISTING UTILITIES.
- E. ALL DEMOLISHED MATERIALS SHALL BECOME PROPERTY OF CONTRACTOR FOR PROPER DISPOSAL UNLESS OTHERWISE NOTED.

KEY NOTES:

- D1 EXISTING BLOCK WALL:
REMOVE EXISTING BLOCK WALL.
- D2 EXISTING PAVEMENT:
ALL EXISTING PAVEMENT NEEDS TO BE REMOVED IN THE AREA WHERE NEW CONSTRUCTION WILL BE PERFORMED.
- D3 EXISTING SIGN:
REMOVE EXISTING SIGN.
- D4 EXISTING TELEPHONE:
EXISTING TELEPHONE LINE TO BE RELOCATED TO CONTINUE TO SERVE BUSINESS DURING DEMOLITION OF SHED AND CONSTRUCTION OF NEW BUILDING.
- D5 EXISTING RETAINING WALL:
REMOVE EXISTING RETAINING WALL AND FILL WITH GRAVEL TO KEEP SITE ACCESSIBLE.
- D6 EXISTING CURB:
REMOVE EXISTING CURB AND REGRADE TO KEEP DRIVEWAY ACCESSIBLE.



VICINITY MAP
LA CROSSE, WI
"NO SCALE"

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BY: BL
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PAUL ENGEL, CIVIL ENGINEER

11/11/16

DATE ISSUED

64877

REG. NO.

Reilly AUTO PARTS
710 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
PHASE 2 DEMOLITION
PLAN

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: BL

SYMBOLS LEGEND

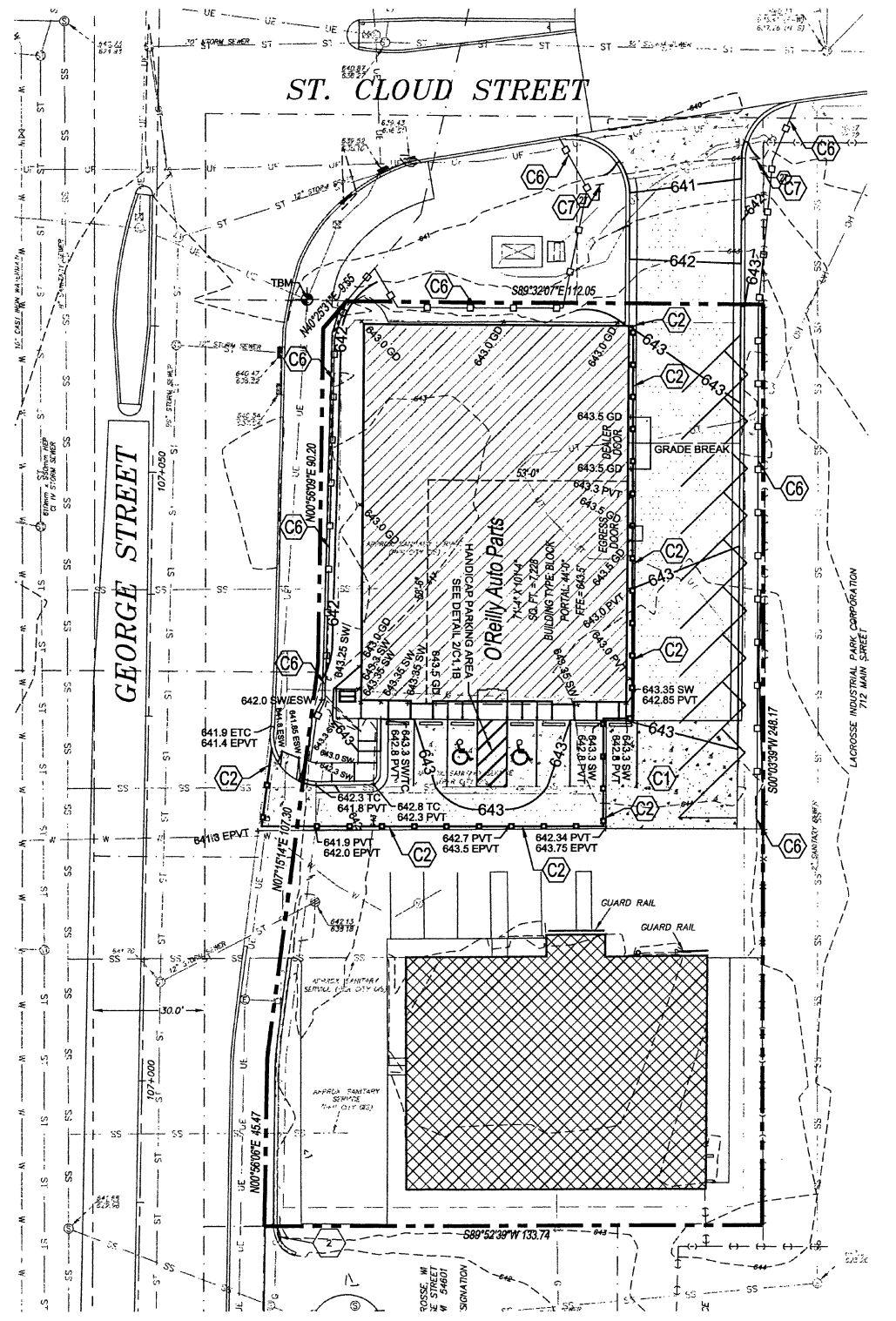
REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

----- EXISTING ITEMS TO BE REMOVED

D1.2

EROSION CONTROL & MAINTENANCE PLAN NOTES:

1. RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO MINIMIZE THE ENCRUMBMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. REFER TO 3C1.2 FOR SILT FENCE CONSTRUCTION.
7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MAT 450 OR APPROVED EQUAL MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.



1 PHASE 2 SITE GRADING PLAN
C1.1B SCALE: 1" = 20'

PROJECT PHASE 2 SPECIAL NOTE:

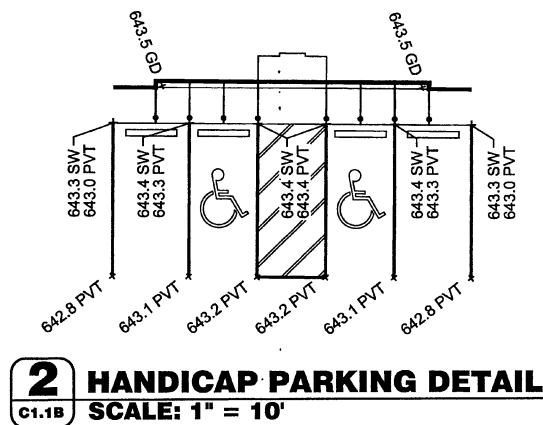
EXISTING STORE, NEW NORTHEAST DRIVEWAY & EXISTING SOUTHWEST DRIVEWAY TO REMAIN IN OPERATION DURING CONSTRUCTION OF NEW BUILDING. ONCE PHASE 2 CONSTRUCTION IS COMPLETE AND NEW BUILDING IS OPEN, REMOVE TEMPORARY PAVEMENT INDICATED BY KEYNOTE C1 AND APPLY PERMANENT PAVEMENT PER DETAIL 3/C1.1B DURING HOURS WHEN STORE IS CLOSED FOR BUSINESS.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.

FLOOD ZONE:

ACCORDING TO FLOOD INSURANCE RATE MAP-COMMUNITY PANEL NUMBER 506302030, THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE AE, WHICH IS DEFINED AS AN AREA DETERMINED TO BE INSIDE THE 100-YEAR ANNUAL CHANCE FLOODPLAIN.



2 HANDICAP PARKING DETAIL
C1.1B SCALE: 1" = 10'

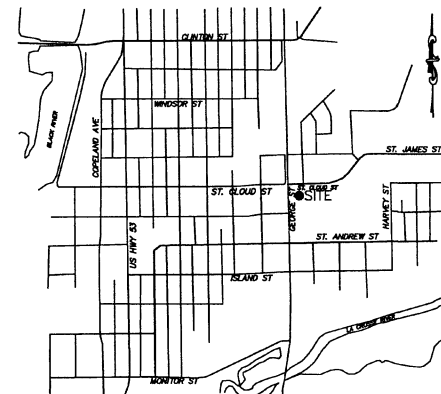
KEY NOTES:

- 1. INSTALL TEMPORARY ASPHALT PAVEMENT AT INDICATED AREA ON PLANS TO PROVIDE PROPER GRADING FOR TRAFFIC THROUGHOUT CONSTRUCTION OF PHASE 1 & 2. REPLACE WITH PERMANENT PAVEMENT PRIOR TO BEGINNING PHASE 3. REFER TO DETAIL 3C1.1B FOR PERMANENT PAVEMENT ELEVATIONS.
- 2. INSTALL CAUTION FENCE ALONG PAVEMENT CUT.
- 3. NOT USED.
- 4. NOT USED.
- 5. NOT USED.
- 6. LIMITS OF TEMPORARY EROSION CONTROL FENCE. REFER TO DETAIL 3C1.2.
- 7. INSTALL "DO NOT ENTER" SIGN.

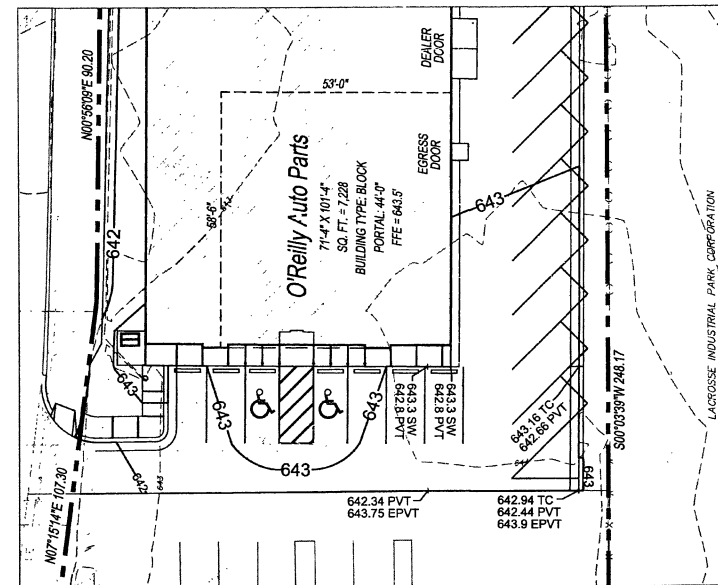
NOTE: PRIOR TO BEGINNING ANY SITE WORK & ORDERING OF MATERIALS, CONTRACTOR SHALL FIELD VERIFY ALL UTILITY & DRAINAGE CONNECTIONS TO EXISTING SYSTEMS BY POT HOLEING AND SHALL NOTIFY ENGINEER OF NEEDED CHANGES. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR BEING RESPONSIBLE FOR ALL REVISION COSTS AND DELAYS.

SPECIAL NOTE:
FIELD VERIFY SANITARY SEWER CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION. REFER TO SITE UTILITIES PLAN.

SPECIAL NOTE:
CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES MATCH EXISTING PAVEMENT AT DRIVEWAY ENTRANCES. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.



VICINITY MAP
LA CROSSE, WI
"NO SCALE"



3 REPLACEMENT OF TEMPORARY PAVEMENT
C1.1B SCALE: 1" = 20'

SYMBOLS LEGEND

REFER TO SURVEY (SV1) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.			
--- 643 ---	EXISTING GRADE LINES	NEW SPOT ELEVATIONS LIST NONE SIDEWALK TOP OF WALL TOP OF CURB TOP OF PAVEMENT NEW GRADE CONCRETE EXISTING TOP OF CURB EXISTING GRADE EXISTING PAVEMENT EXISTING SIDEWALK FLOW LINE TOP OF BERM EMERGENCY OVERFLOW	ABBREVIATION NONE SW TW TC PVT GO CONC ETC EGD EPVT ESW FL TOP EOF
--- 643 ---	PROPOSED NEW GRADE LINES		
[Symbol]	NEW BUILDING CONSTRUCTION		
[Symbol]	NEW POLE SIGN LOCATION		
[Symbol]	NEW CONCRETE PAVING BLOCK	TEMPORARY BENCHMARK: ELECTRIC MANHOLE RIM NEAR NW CORNER OF SUBJECT PROPERTY ELEVATION=641.13 (HARD ON DATUM)	
[Symbol]	TEMPORARY EROSION CONTROL FENCE		
[Symbol]	SURFACE FLOW ARROW		
[Symbol]			

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PAUL ENGEL, CIVIL ENGINEER

11/11/16

DATE ISSUED 64877

REG. NO.

O'Reilly AUTO PARTS
710 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
PHASE 2 SITE GRADING
PLAN

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: BL

C1.1B

PROJECT PHASE 2 SPECIAL NOTE:

EXISTING STORE, NEW NORTHEAST DRIVEWAY & EXISTING SOUTHWEST DRIVEWAY TO REMAIN IN OPERATION DURING CONSTRUCTION OF NEW BUILDING.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.

FLOOD ZONE:

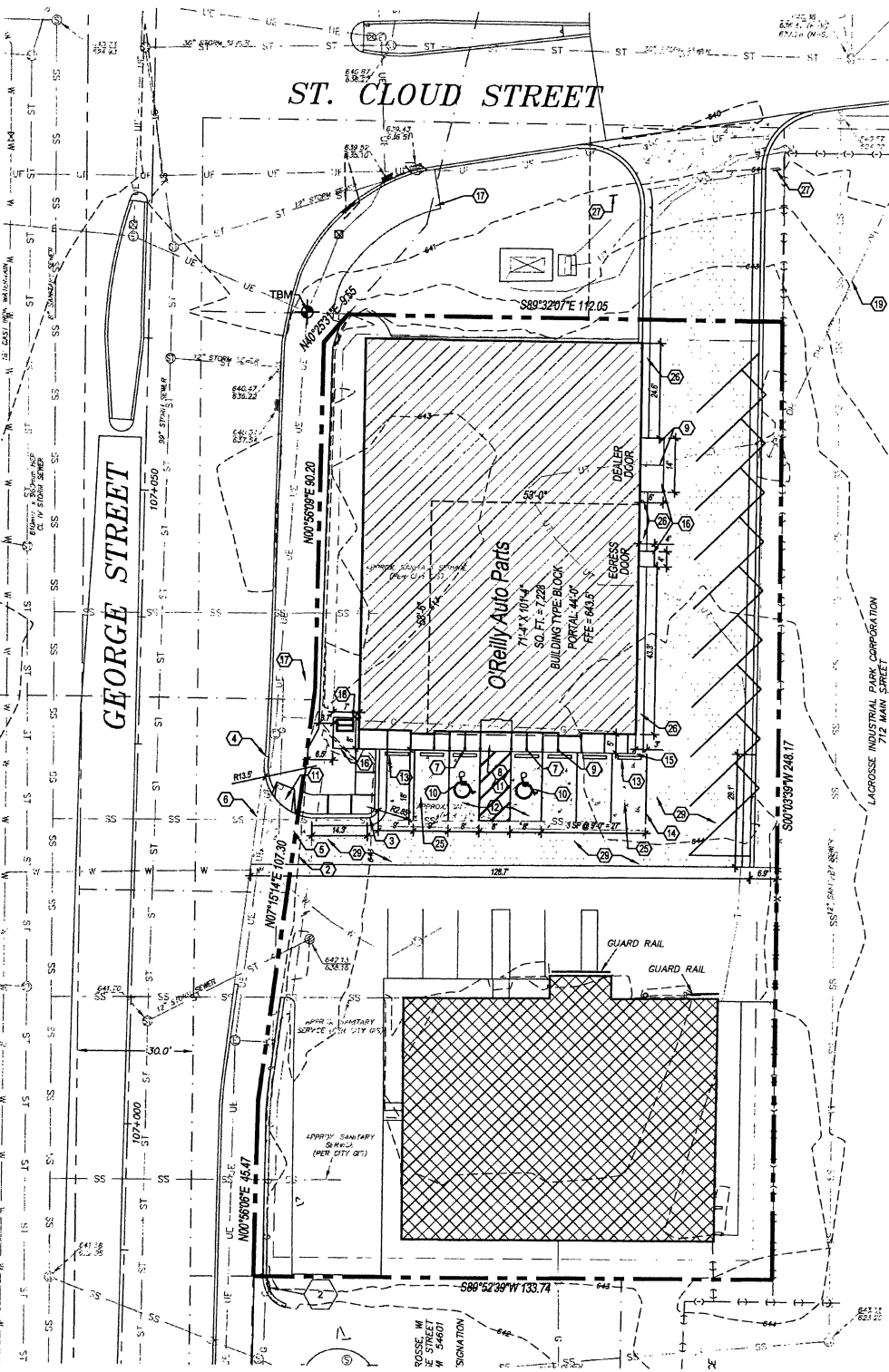
ACCORDING TO FLOOD INSURANCE RATE MAP-COMMUNITY PANEL NUMBER 5506300230, THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE AE, WHICH IS DEFINED AS AN AREA DETERMINED TO BE INSIDE THE 100-YEAR ANNUAL CHANCE FLOODPLAIN.

GENERAL NOTES:

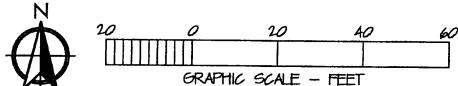
- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
B. ALL SITE DIMENSIONS TO THE GUTTER LINE OF CURB, CONCRETE OR PROPERTY LINE UNLESS OTHERWISE NOTED. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND STARTING CONSTRUCTION.
C. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
D. REFER TO STRUCTURAL PLANS FOR DEVELOPMENT OF SIDEWALKS ADJACENT TO FOUNDATIONS.
E. PRIOR TO INSTALLATION, GENERAL CONTRACTOR TO CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR IS TO CONTACT O'REILLY PROJECT ADMINISTRATOR BEFORE PROCEEDING.

KEY NOTES:

- 1 NOT USED
2 CONCRETE PAVING (HEAVY DUTY): CONCRETE PAVING (HEAVY DUTY) AT DRIVE APRONS AND REFUSE AREA. REFER TO DETAIL 2/C2.2.
3 CONCRETE CURB: CONCRETE CURB, REFER TO DETAIL 3/C2.2.
4 ROW CONCRETE CURB: CONCRETE CURB IN RIGHT-OF-WAY TO MATCH EXISTING PER CITY AND / OR STATE DESIGN STANDARDS.
5 CONCRETE DRIVE APRON: CONCRETE DRIVE APRON TO BE INSTALLED PER CITY AND / OR STATE DESIGN STANDARDS. IF NO STANDARDS PROVIDE CONCRETE CONSTRUCTION PER DETAIL 2/C2.2.
6 LIMITS OF NEW PAVING: LIMITS OF NEW PAVING. MATCH EXISTING PAVEMENT TRANSITION ELEVATIONS.
7 ACCESSIBLE PARKING SIGN: ACCESSIBLE PARKING SIGN, REFER TO DETAIL 8/C2.2.
8 DETECTABLE WARNING SURFACE: DETECTABLE WARNING SURFACE, REFER TO DETAIL 9/C2.2.
9 STEEL BOLLARD: STEEL BOLLARD, REFER TO DETAIL 7/C2.2. PROVIDE (2) AT REFUSE CONTAINER AREA, (2) AT SECTIONAL OVERHEAD FREIGHT DOOR, AND (8) AT FRONT ENTRY. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT OF BOLLARDS ADJACENT TO BUILDING PERIMETER.
10 ACCESSIBLE PARKING SYMBOL: ACCESSIBLE PARKING SYMBOL PAVEMENT STRIPING, REFER TO DETAIL 8/C2.2.
11 ACCESSIBLE CONCRETE CURB RAMP: ACCESSIBLE CONCRETE CURB RAMP TO BE INSTALLED PER CITY AND / OR STATE DESIGN STANDARDS. IF NO STANDARDS PROVIDE CONCRETE CONSTRUCTION PER DETAIL 10/C2.2.
12 ACCESSIBLE PARKING SPACE: ACCESSIBLE PARKING SPACE WITH ACCESS AISLE (ADA COMPLIANT) TO SLOPE 2% MAXIMUM IN ALL DIRECTIONS. PROVIDE PAVEMENT MARKINGS TO MATCH STRIPING COLOR UNLESS OTHERWISE REQUIRED TO COMPLY WITH GOVERNING ACCESSIBILITY REGULATIONS.
13 CONCRETE BUMPER BLOCK: CONCRETE BUMPER BLOCK (8' W X 5' H X 6'-0" LONG) ANCHORED TO PAVING WITH (2) 1'-6" LONG #4 REBAR.
14 PAVEMENT STRIPING: 4" WIDE PAVEMENT STRIPING AS SHOWN USING HIGHWAY MARKING PAINT - YELLOW (2 COATS).
15 CONCRETE SIDEWALK CURB: CONCRETE SIDEWALK CURB, REFER TO DETAIL 4/C2.2. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT OF CONTROL AND EXPANSION JOINTS ADJACENT TO BUILDING PERIMETER.
16 CONCRETE SIDEWALK DOOR LANDING: CONCRETE SIDEWALK OR DOOR LANDING, REFER TO DETAIL 5/C2.2 AND STRUCTURAL DRAWINGS. LANDING MAY BE POURED MONOLITHIC WITH PAVING IF CONCRETE PAVING IS PROVIDED. CONNECT WITH EXG SIDEWALK CONSTRUCTION WHERE SHOWN.
17 EXG SIDEWALK: EXG SIDEWALK. PATCH/REPAIR/REPLACE AS NEEDED.
18 BIKE RACK: BIKE RACK PER CITY REQUIREMENTS.
19 EXISTING OVERHEAD UTILITIES: EXG OVERHEAD UTILITY LINE & POLES TO REMAIN.
20 NOT USED
21 NOT USED
22 NOT USED
23 NOT USED
24 NOT USED
25 CONCRETE PAVING (STANDARD DUTY): CONCRETE PAVING (STANDARD DUTY) AT PARKING AREAS, REFER TO DETAIL 1/C2.2.
26 CONCRETE PAVING APRON: CONCRETE PAVING APRON TO BE PROVIDED WHERE ASPHALT PAVEMENT USED. REFER TO DETAIL 11/C2.2.
27 DO NOT ENTER SIGN: DO NOT ENTER SIGN TO BE USED WHILE TEMPORARY PARKING IS IN USE.
28 NOT USED
29 ASPHALT PAVING (STANDARD DUTY): ASPHALT PAVING (STANDARD DUTY) AT DRIVE AREAS AND FIRE LANES. REFER TO DETAIL 12/C2.2.



1 PHASE 2 SITE DIMENSION PLAN
C2.1B SCALE: 1" = 20'



SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND	
	EXISTING BUILDING
	NEW BUILDING CONSTRUCTION
	NEW ASPHALT PAVING
	NEW CONCRETE PAVING
	NEW CONCRETE PAVING BLOCK

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710 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
PHASE 2 SITE DIMENSION
PLAN

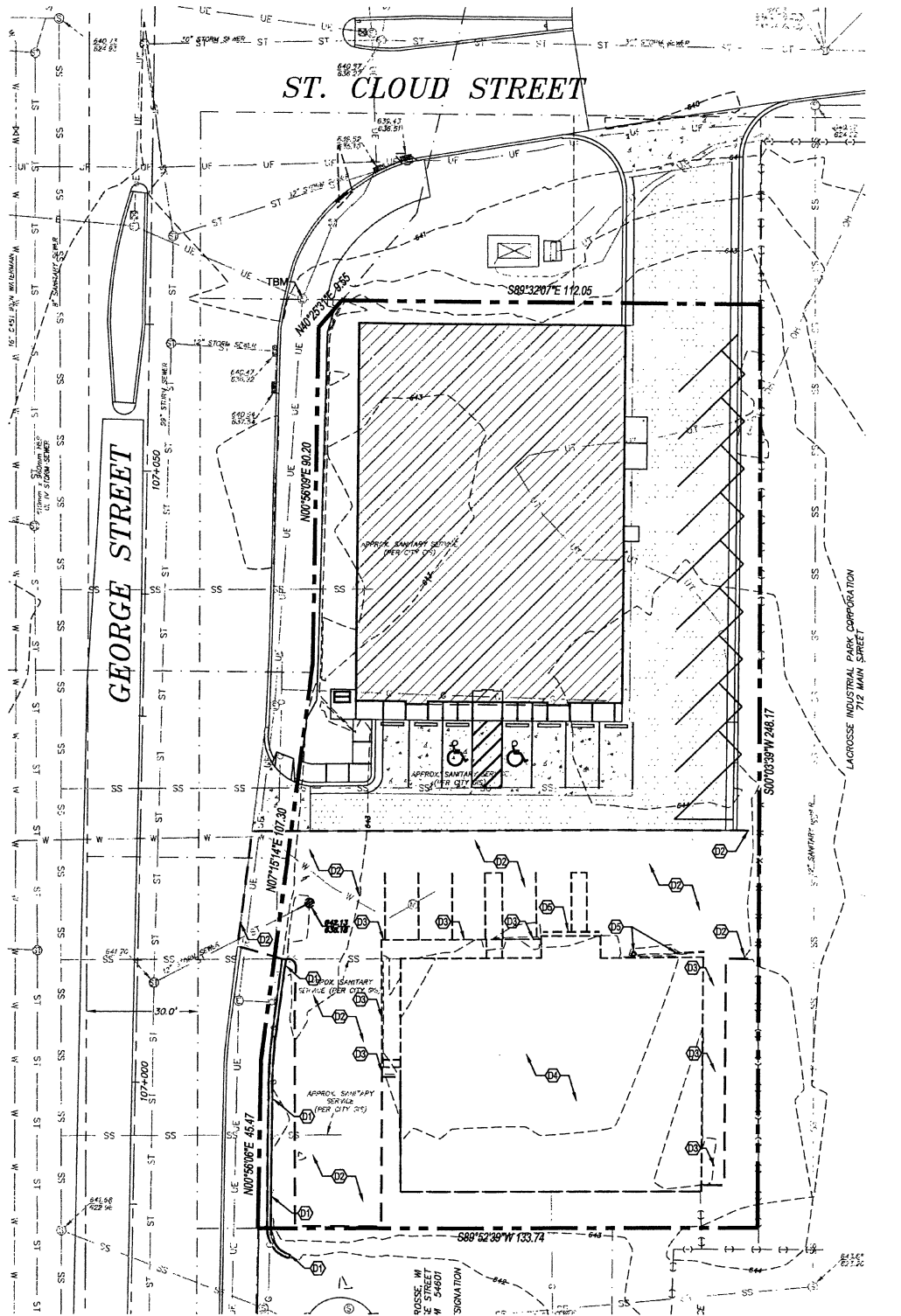
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NO. DATE: BY:

PROJECT NO.: 16115.014
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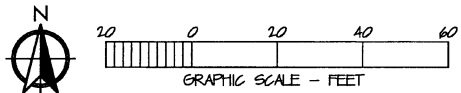
C2.1B

PROJECT PHASE 3 SPECIAL NOTE:

NEW STORE, NEW NORTHEAST DRIVEWAY & NEW PORTION OF SOUTHWEST DRIVEWAY
TO REMAIN IN OPERATION DURING DEMOLITION OF OLD BUILDING AND PARKING LOT
AND CONSTRUCTION OF NEW PARKING LOT.



1 PHASE 3 DEMOLITION PLAN
D1.3 SCALE: 1" = 20'

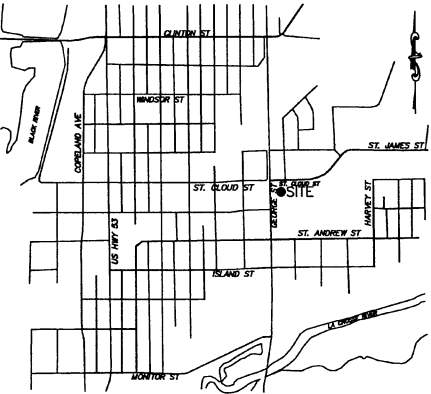


GENERAL NOTES:

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- C. REMOVE ALL EXISTING SITE CONSTRUCTION AND DELETERIOUS MATERIALS UNLESS OTHERWISE NOTED.
- D. REFER TO SITE UTILITIES PLAN FOR DEMOLITION OF EXISTING UTILITIES.
- E. ALL DEMOLISHED MATERIALS SHALL BECOME PROPERTY OF CONTRACTOR FOR PROPER DISPOSAL UNLESS OTHERWISE NOTED.

KEY NOTES:

- D1 EXISTING BLOCK WALL:
REMOVE EXISTING BLOCK WALL.
- D2 EXISTING PAVEMENT:
ALL EXISTING PAVEMENT NEEDS TO BE REMOVED IN THE AREA WHERE NEW CONSTRUCTION WILL BE PERFORMED.
- D3 EXISTING SIDEWALK:
REMOVE EXISTING SIDEWALK.
- D4 EXISTING BUILDING:
REMOVE EXISTING BUILDING AND ALL UTILITIES TO BUILDING.
- D5 EXISTING GUARD RAIL AND GUARDBOARDS:
REMOVE EXISTING CURB AND REGRADE TO KEEP DRIVEWAY ACCESSIBLE.



VICINITY MAP
LA CROSSE, WI
"NO SCALE"

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O'Reilly AUTO PARTS
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LA CROSSE, WI 54603

SHEET TITLE:
PHASE 3 DEMOLITION
PLAN

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: BL

SYMBOLS LEGEND

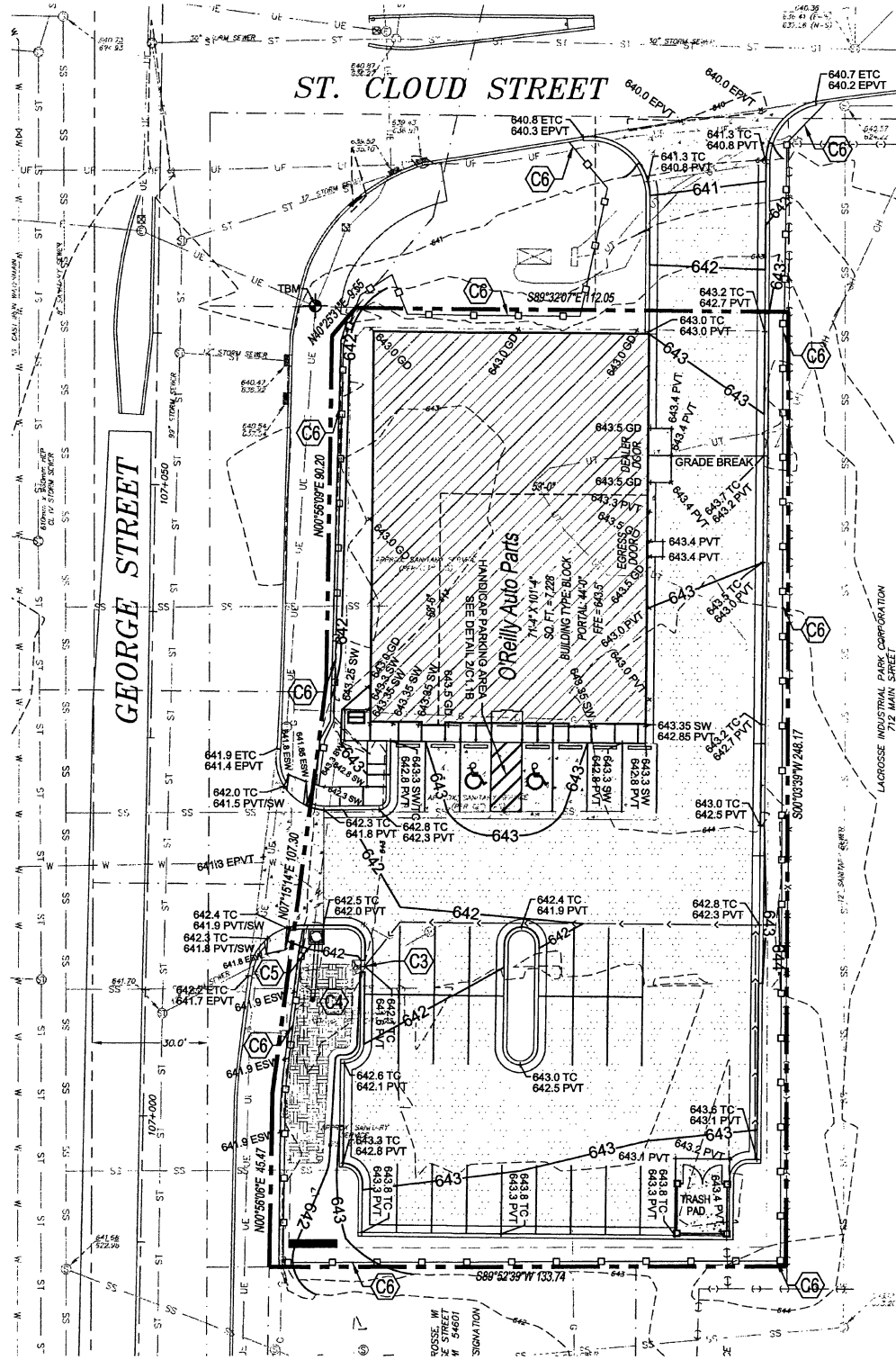
REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

EXISTING ITEMS TO BE REMOVED

D1.3

EROSION CONTROL & MAINTENANCE PLAN NOTES:

1. RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO MINIMIZE THE ENDOACHMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROADPARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. REFER TO 301.2 FOR SILT FENCE CONSTRUCTION.
7. ALL GRASS SLOPES WHICH EXCEED 1:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MAT 450 OR APPROVED EQUAL. MATS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.



1 PHASE 3 SITE GRADING PLAN
C1.1C SCALE: 1" = 20'

PROJECT PHASE 3 SPECIAL NOTE:

NEW STORE, NEW NORTHEAST DRIVEWAY & NEW PORTION OF SOUTHWEST DRIVEWAY TO REMAIN IN OPERATION DURING DEMOLITION OF OLD BUILDING AND PARKING LOT AND CONSTRUCTION OF NEW PARKING LOT. CONSTRUCTION IS FINISHED, REMOVE TEMPORARY STRIPING AND "DO NOT ENTER" SIGNS.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.

FLOOD ZONE:

ACCORDING TO FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 550630223D, THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE AE, WHICH IS DEFINED AS AN AREA DETERMINED TO BE INSIDE THE 100-YEAR ANNUAL CHANCE FLOODPLAIN.

PIPES NOTES:

1. PIPE MATERIALS SHALL BE IN ACCORDANCE WITH AND AS APPROVED BY THE CITY OR APPLICABLE AUTHORITY. PVC PIPE MAY BE USED AS ALLOWED BY LOCAL GUIDELINES.
2. ALL PIPE IS TO BE INSTALLED PER THE MANUFACTURERS REQUIREMENTS AND MEET COVER REQUIREMENTS PER THE MANUFACTURER.

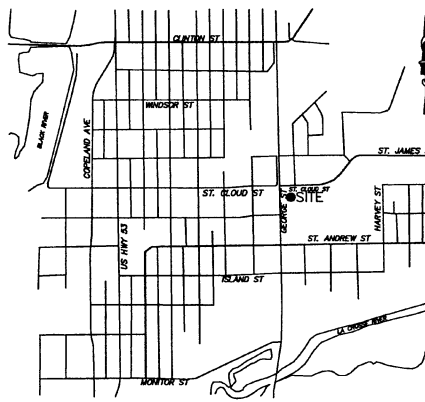
KEY NOTES:

- (C1) NOT USED
- (C2) NOT USED
- (C3) INSTALL 3" CURB CUT WITH RIPRAP PAD, REFER TO DETAIL 2C1.1C
- (C4) INSTALL BIOFILTRATION SYSTEM, REFER TO DETAIL 2C1.2
- (C5) INSTALL 4" X 4" MANHOLE CONNECT TO EXISTING STORMPIPE AND STORMPIPE C7, RIM = 642.0' INV = 638.1' REFER TO DETAIL 4C1.2
- (C6) LIMITS OF TEMPORARY EROSION CONTROL FENCE, REFER TO DETAIL 3C1.2
- (C7) INSTALL 4" OVERFLOW STRUCTURE AND UNDERDRAIN, REFER TO DETAIL 2C1.2

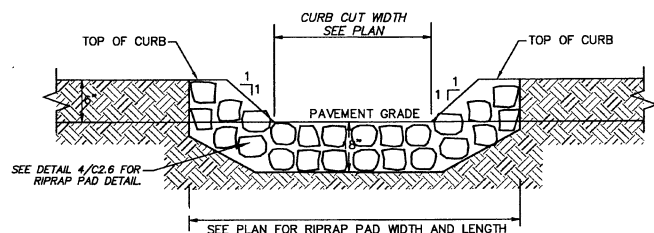
NOTE: PRIOR TO BEGINNING ANY SITE WORK & ORDERING OF MATERIALS, CONTRACTOR SHALL FIELD VERIFY ALL UTILITY & DRAINAGE CONNECTIONS TO EXISTING SYSTEMS BY POT HOLEING AND SHALL NOTIFY ENGINEER OF NEEDED CHANGES. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR BEING RESPONSIBLE FOR ALL REVISION COSTS AND DELAYS.

SPECIAL NOTE: FIELD VERIFY SANITARY SEWER CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION. REFER TO SITE UTILITIES PLAN.

SPECIAL NOTE: CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES MATCH EXISTING PAVEMENT AT DRIVEWAY ENTRANCES. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.



VICINITY MAP
LA CROSSE, WI
"NO SCALE"



SECTION AT CURB CUT

2 CURB CUT WITH RIPRAP PAD
C1.1C SCALE: NOT TO SCALE

SYMBOLS LEGEND

REFER TO SURVEY (SVI) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.			
---	EXISTING GRADE LINES	+ 643.0 PVT	NEW SPOT ELEVATIONS
---	PROPOSED NEW GRADE LINES		LIST
	NEW BUILDING CONSTRUCTION		GRADE
	NEW POLE SIGN LOCATION		SIDEWALK
	NEW CONCRETE PAVING BLOCK		TOP OF WALL
	TEMPORARY EROSION CONTROL FENCE		TOP OF CURB
	SURFACE FLOW ARROW		TOP OF PAVEMENT
			NEW GRADE
			CONCRETE
			EXISTING TOP OF CURB
			EXISTING GRADE
			EXISTING PAVEMENT
			EXISTING SIDEWALK
			FLOW LINE
			TOP OF BERM
			EMERGENCY OVERFLOW
			TEMPORARY BENCHMARK
			ELECTRIC MANHOLE RIM NEAR NW CORNER OF SUBJECT PROPERTY
			ELEVATION=641.13 (NAD83 DATUM)

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SEAL:



PAUL ENGEL, CIVIL ENGINEER

11/11/16
DATE ISSUED
64877
REG. NO.

O'Reilly AUTO PARTS

710 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
PHASE 3 SITE GRADING
PLAN

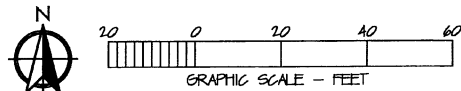
REVISIONS:

NO.	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: BL

C1.1C

NEW STORE, NEW NORTHEAST DRIVEWAY & NEW PORTION OF SOUTHWEST DRIVEWAY
TO REMAIN IN OPERATION DURING DEMOLITION OF OLD BUILDING AND PARKING LOT
AND CONSTRUCTION OF NEW PARKING LOT.



1 **NOT USED:**

2 **CONCRETE PAVING (HEAVY DUTY):**
CONCRETE PAVING (HEAVY DUTY) AT DRIVE APRONS AND REFUSE AREA. REFER TO DETAIL 2/C2.2.

3 **CONCRETE CURB:**
CONCRETE CURB, REFER TO DETAIL 3/C2.2.

4 **ROW CONCRETE CURB:**
CONCRETE CURB IN RIGHT-OF-WAY TO MATCH EXISTING PER CITY AND / OR STATE DESIGN STANDARDS.

5 **CONCRETE DRIVE APRON:**
CONCRETE DRIVE APRON TO BE INSTALLED PER CITY AND / OR STATE DESIGN STANDARDS. IF NO STANDARDS PROVIDE CONCRETE CONSTRUCTION PER DETAIL 2/C2.2.

6 **LIMITS OF NEW PAVEMENT:**
LIMITS OF NEW PAVEMENT. MATCH EXISTING PAVEMENT TRANSITION ELEVATIONS.

7 **ACCESSIBLE PARKING SIGN:**
ACCESSIBLE PARKING SIGN, REFER TO DETAIL 8/C2.2.

8 **DETECTABLE WARNING SURFACE:**
DETECTABLE WARNING SURFACE, REFER TO DETAIL 9/C2.2.

9 **STEEL BOLLARD:**
STEEL BOLLARD, REFER TO DETAIL 7/C2.2. PROVIDE (2) AT REFUSE CONTAINER AREA, (2) AT SECTIONAL OVERHEAD FREIGHT DOOR, AND (8) AT FRONT ENTRY. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT OF BOLLARDS ADJACENT TO BUILDING PERIMETER.

10 **ACCESSIBLE PARKING SYMBOL:**
ACCESSIBLE PARKING SYMBOL PAVEMENT STRIPING, REFER TO DETAIL 6/C2.2.

11 **ACCESSIBLE CONCRETE CURB RAMP:**
ACCESSIBLE CONCRETE CURB RAMP TO BE INSTALLED PER CITY AND / OR STATE DESIGN STANDARDS. IF NO STANDARDS PROVIDE CONCRETE CONSTRUCTION PER DETAIL 10/C2.2.

12 **ACCESSIBLE PARKING SPACE:**
ACCESSIBLE PARKING SPACE WITH ACCESS AISLE (ADA COMPLIANT) TO SLOPE 2% MAXIMUM IN ALL DIRECTIONS. PROVIDE PAVEMENT MARKINGS TO MATCH STRIPING COLOR UNLESS OTHERWISE REQUIRED TO COMPLY WITH GOVERNING ACCESSIBILITY REGULATIONS.

13 **CONCRETE BUMPER BLOCK:**
CONCRETE BUMPER BLOCK (8" W X 5" H X 6'-0" LONG) ANCHORED TO PAVING WITH (2)1'-4" LONG #4 REBAR.

14 **PAVEMENT STRIPING:**
4" WIDE PAVEMENT STRIPING AS SHOWN USING HIGHWAY MARKING PAINT - YELLOW (2 COATS).

15 **CONCRETE SIDEWALK CURB:**
CONCRETE SIDEWALK CURB, REFER TO DETAIL 4/C2.2. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT OF CONTROL AND EXPANSION JOINTS ADJACENT TO BUILDING PERIMETER.

16 **CONCRETE SIDEWALK/DOOR LANDING:**
CONCRETE SIDEWALK OR DOOR LANDING, REFER TO DETAIL 5/C2.2 AND STRUCTURAL DRAWINGS. LANDINGS MUST BE POURED MONOLITHIC WITH PAVING IF CONCRETE PAVING IS PROVIDED. CONNECT WITH EXG SIDEWALK CONSTRUCTION WHERE SHOWN.

17 **EXG SIDEWALK:**
EXG SIDEWALK. PATCH/REPAIR/REPLACE AS NEEDED.

18 **BIKE RACK:**
BIKE RACK PER CITY REQUIREMENTS.

19 **EXISTING OVERHEAD UTILITIES:**
EXG OVERHEAD UTILITY LINE & POLES TO REMAIN.

20 **PARKING LOT LIGHTING:**
PARKING LOT LIGHTING, REFER TO SITE UTILITY PLAN FOR TYPE AND CONSTRUCTION.

21 **REFUSE ENCLOSURE:**
REFUSE ENCLOSURE, REFER TO 1/C2.3.

22 **SITE SIGN:**
SITE SIGN, REFER TO SHEET SG1.2 FOR TYPE AND CONSTRUCTION. SIGN OWNER FURNISHED AND INSTALLED (REFER TO SCOPE OF WORK SCHEDULE). REFER TO SITE UTILITY PLAN FOR ADDITIONAL REQUIREMENTS.

23 **CURB CUT:**
3" CURB CUT. REFER TO PLAN SHEET C1.1C FOR CURB CUT SPECIFICATIONS.

24 **STORMWATER MANHOLE:**
4'X4' MANHOLE. REFER TO PLAN SHEET C1.1C FOR MANHOLE SPECIFICATIONS.

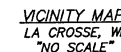
25 **CONCRETE PAVEMENT (STANDARD DUTY):**
CONCRETE PAVEMENT (STANDARD DUTY) AT STOREFRONT PARKING AREA, REFER TO DETAIL 1/C2.2.

26 **CONCRETE PAVING APRON:**
CONCRETE PAVING APRON TO BE PROVIDED WHERE ASPHALT PAVEMENT USED. REFER TO DETAIL 11/C2.2.

27 **NOT USED:**

28 **BIOFILTRATION SYSTEM:**
STORMWATER BIOFILTRATION SYSTEM TO BE INSTALLED. REFER TO PLAN SHEET C1.2 FOR DESIGN.

29 **ASPHALT PAVING (STANDARD DUTY):**
ASPHALT PAVING (STANDARD DUTY) AT DRIVE AREAS AND FIRE LINES. REFER TO DETAIL 12/C2.2.










1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.

ACCORDING TO FLOOD INSURANCE RATE MAP-COMMUNITY PANEL NUMBER 55063C0253D, THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE AE, WHICH IS DEFINED AS AN AREA DETERMINED TO BE INSIDE THE 100-YEAR ANNUAL CHANCE FLOODPLAIN.

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. ALL SITE DIMENSIONS TO THE GUTTER LINE OF CURB, CONCRETE OR PROPERTY LINE UNLESS OTHERWISE NOTED. CONTRACTOR TO FIELD VARYING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND STARTING CONSTRUCTION.
- C. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- D. REFER TO STRUCTURAL PLANS FOR DEVELOPMENT OF SIDEWALKS ADJACENT TO FOUNDATIONS.
- E. PRIOR TO INSTALLATION, GENERAL CONTRACTOR TO CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, THE GENERAL CONTRACTOR SHALL CONTACT THE COUNTY PROJECT ADMINISTRATOR BEFORE PROCEEDING.

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

	NEW BUILDING CONSTRUCTION
	NEW ASPHALT PAVEMENT
	NEW CONCRETE PAVEMENT
	NEW POLE SIGN LOCATION
	NEW CONCRETE PAVING BLOCK
	NEW LIGHT POLE LOCATION
	NEW FENCE CONSTRUCTION



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PAUL ENGEL, CIVIL ENGINEER

11/11/16
DATE ISSUED



710 GEORGE SIRELL
LA CROSSE, WI 54603

SHEET TITLE:
PHASE 3 SITE DIMENSION
PLAN

REVISIONS:

[illegible]

PROJECT NO: 16115.014
DRAWN BY: BL

C2.1C

1. RETAIN FLOATABLE WOOD BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND/OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTOR SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APERTURANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. REFER TO 303-2 FOR SILT FENCE CONSTRUCTION.
7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H/V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MAT 450 OR APPROVED EQUIV. MATS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INPECT WITH MANUFACTURER.



TOTAL PROPERTY AREA= 0.71 ACRES
TOTAL DISTURBED AREA = 0.71 ACRES **< 1.0 ACRES** THEREFORE NO DNR SUBMITTAL IS REQUIRED.
METHOD LISTED = SCS HYDROLOGIC SOIL GROUP A (INFILTRATION RATE = 3.9 IN/HR)

1. ON-SITE AREA & RUNOFF COEFFICIENTS: **2. PRECIPITATION DATA:**

DESIGN PROJECT AREA = 0.71 ACRES

PRE-DEVELOPMENT	SCS TYPE II, 24-HR STORM
EXISTING GRASS LOT	DEPTH
PROPERTY AREA = 0.07 ACRES (CN = 3)	1 YR 2 YR 5 YR 10 YR 25 YR
	2.39 2.99 3.72 4.41 6.49
PERVIOUS AREA 0.64 ACRES (CN = 98)	4. EXISTING SITE RUNOFF:
COMPOSITE CURVE NUMBER - CN = 91	FLOW, CFS
	1 YR 2 YR 5 YR 10 YR 25 YR
POST-DEVELOPMENT	Q peak
DEVELOPED GRASS GOOD CONDITION	1.98 2.39 3.14 3.84 4.94
PROPERTY AREA = 0.13 ACRES (CN = 30)	5. DEVELOPED SITE RUNOFF:
PERVIOUS AREA 0.06 ACRES (CN = 98)	FLOW, CFS
COMPOSITE CURVE NUMBER - CN = 91	1 YR 2 YR 5 YR 10 YR 25 YR
DEVELOPED GRASS GOOD CONDITION	Q peak
PROPERTY AREA = 0.13 ACRES (CN = 30)	1.98 1.97 2.71 3.41 4.52
PERVIOUS AREA 0.06 ACRES (CN = 98)	
COMPOSITE CURVE NUMBER - CN = 98	THE DEVELOPED 1, 2, 5, 10 AND
	25-YR STORM EVENT DISCHARGES
	DO NOT EXCEED EXISTING
	CONDITIONS SO NO DETENTION IS
	PROVIDED.

2. TIME OF CONCENTRATION:

PRE-DEVELOPMENT
T_p = 5 MIN
POST-DEVELOPMENT



(C1) NOT USED

(C2) NOT USED

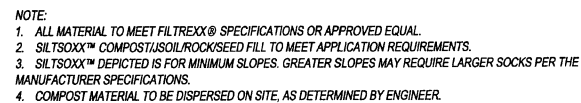
(C3) INSTALL 3' CURB CUT WITH RIPRAP PAD. REFER TO DETAIL 2C1.1C

(C4) INSTALL BIOFILTRATION SYSTEM.
REFER TO DETAIL 2C1.2

(C5) INSTALL 4' X 4' MANHOLE. CONNECT TO EXISTING
STORMPIPE AND STORMPIPE C7.
RIM = 642.0' INV = 638.1'
REFER TO DETAIL 4C1.2

(C6) LIMITS OF TEMPORARY EROSION CONTROL FENCE:
REFER TO DETAIL 3C1.2.

(C7) INSTALL 4"Ø OVERFLOW STRUCTURE AND
UNDERDRAIN. REFER TO DETAIL 2C1.2.



3 **FILTREXX SILTSOXX™**
C1.2 SCALE: NOT TO SCALE

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11/11/16

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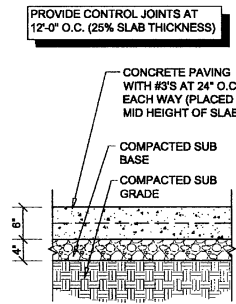
SHEET TITLE:
STORMWATER MANAGEMENT
PLAN

REVISIONS:

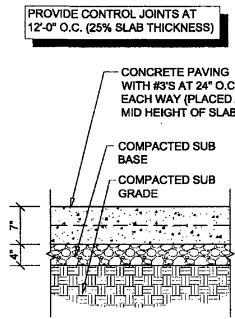
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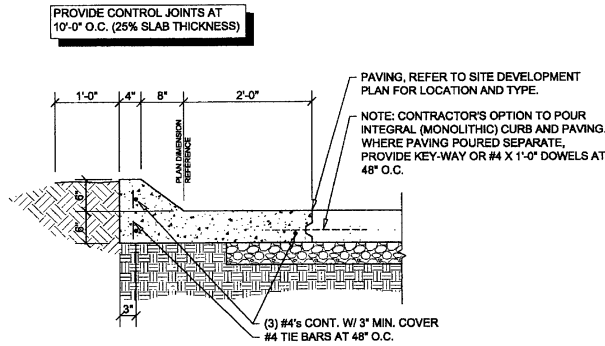
C1.2



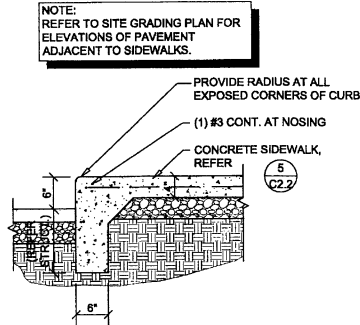
1 CONCRETE (STANDARD DUTY) PAVING SECTION
C2.2 SCALE: 3/4" = 1'-0"



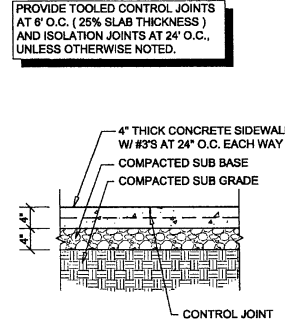
2 CONCRETE (HEAVY DUTY) PAVING SECTION
C2.2 SCALE: 3/4" = 1'-0"



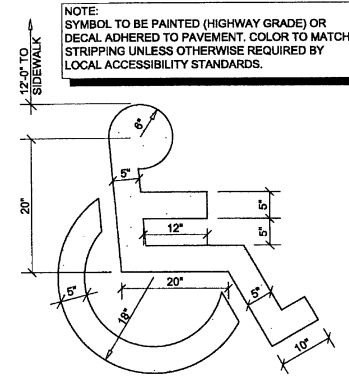
3 CONCRETE CURB SECTION
C2.2 SCALE: 3/4" = 1'-0"



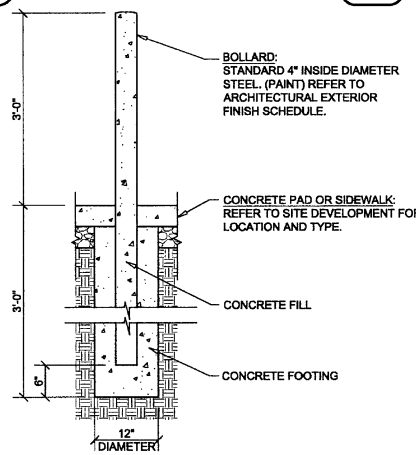
4 CONCRETE SIDEWALK CURB SECTION
C2.2 SCALE: (NOT TO SCALE)



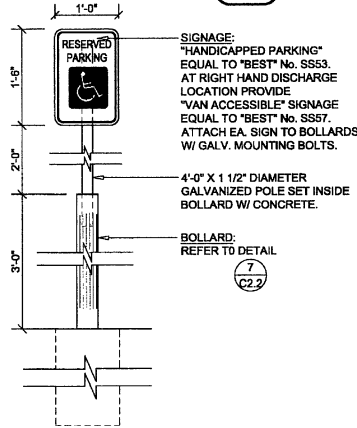
5 CONCRETE SIDEWALK SECTION
C2.2



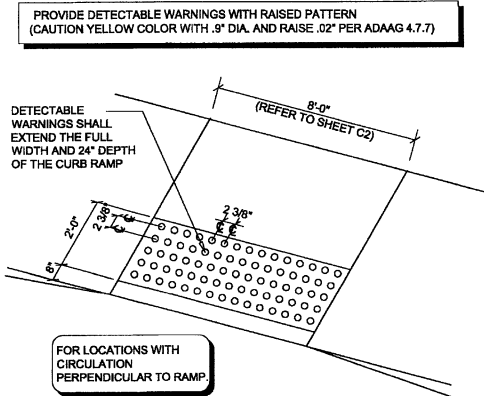
6 ACCESSIBLE PARKING PAVEMENT STRIPING DETAIL
C2.2



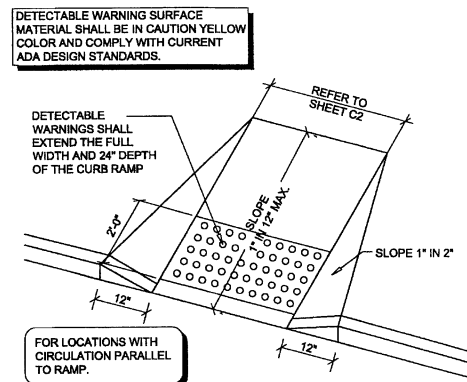
7 STEEL BOLLARD SECTION
C2.2 SCALE: 3/4" = 1'-0"



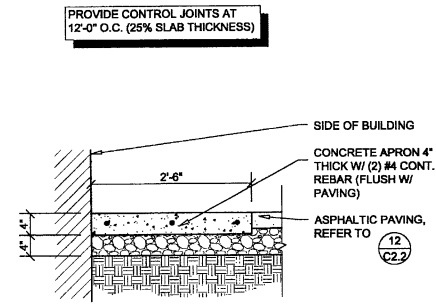
8 HANICAP PARKING SIGN DETAIL
C2.2 SCALE: 3/4" = 1'-0"



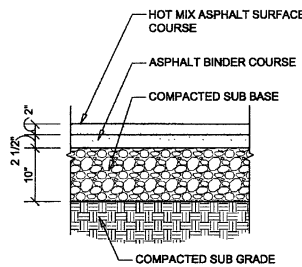
9 DETECTABLE WARNING DETAIL
C2.2 SCALE: (NOT TO SCALE)



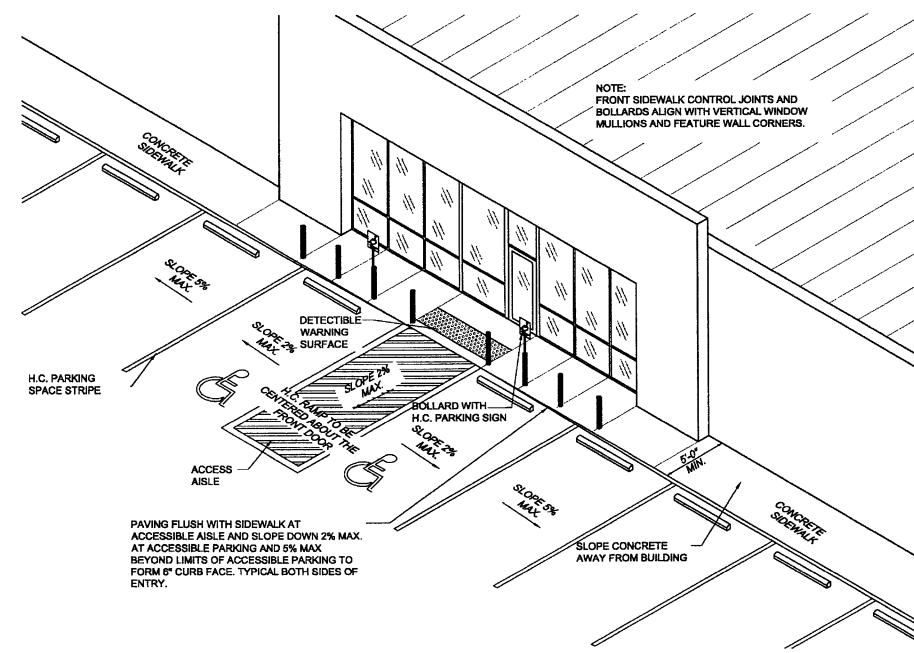
10 CONCRETE SIDEWALK CURB RAMP DETAIL
C2.2 SCALE: (NOT TO SCALE)



11 CONCRETE PAVING APRON SECTION
C2.2 SCALE: 3/4" = 1'-0"



12 ASPHALT (STANDARD DUTY) PAVING SECTION
C2.2 SCALE: 3/4" = 1'-0"



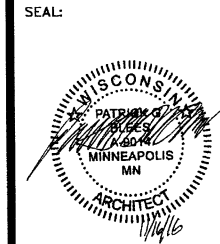
13 ACCESSIBLE PARKING & SIDEWALK DETAIL
C2.2 SCALE: N.T.S.

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10.14.16
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Reilly AUTO PARTS
712 GEORGE STREET
LA CROSSE, WI 54603

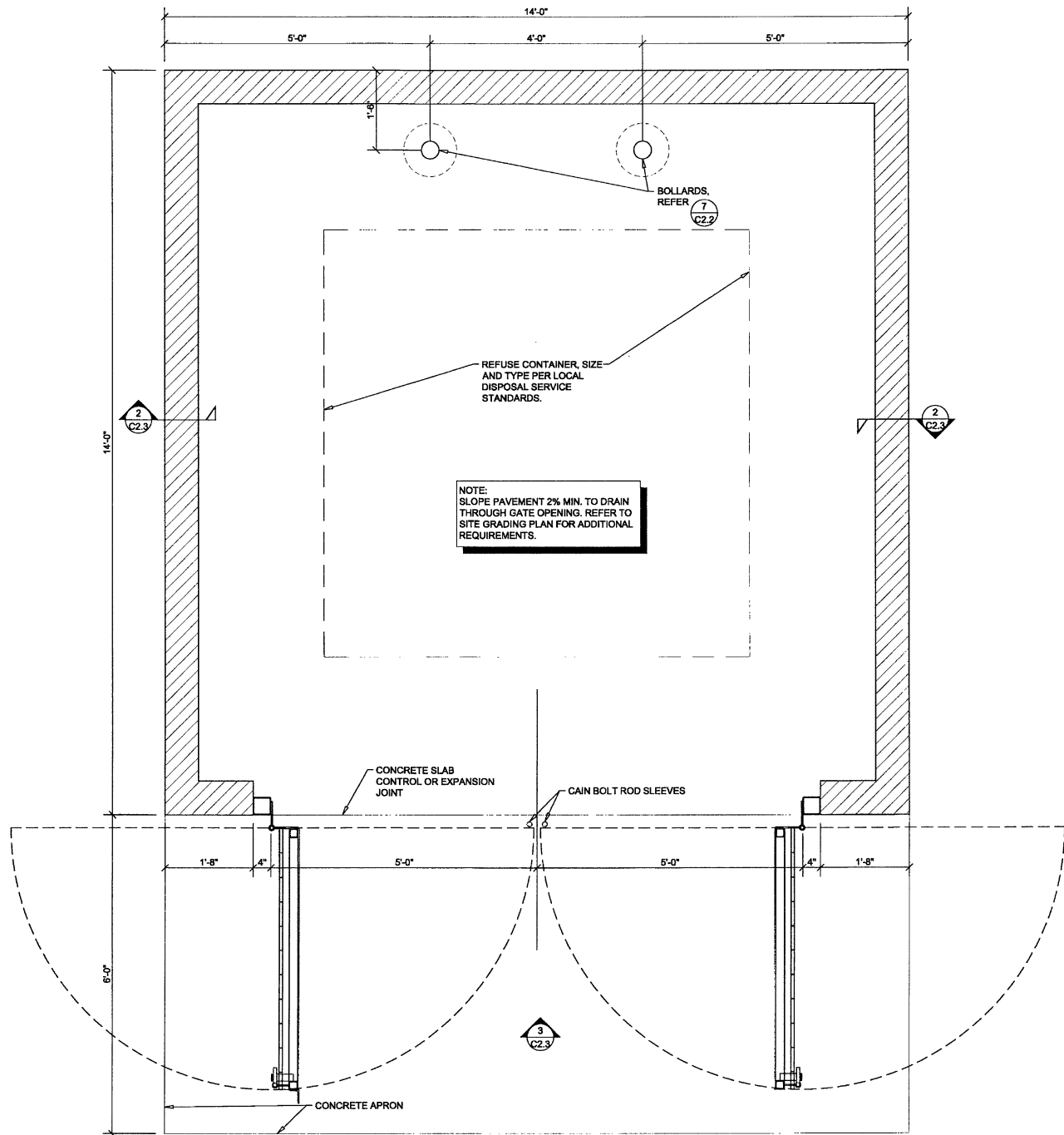
SHEET TITLE:
SITE DEVELOPMENT DETAILS

REVISIONS:		
NO.	DATE:	BY:

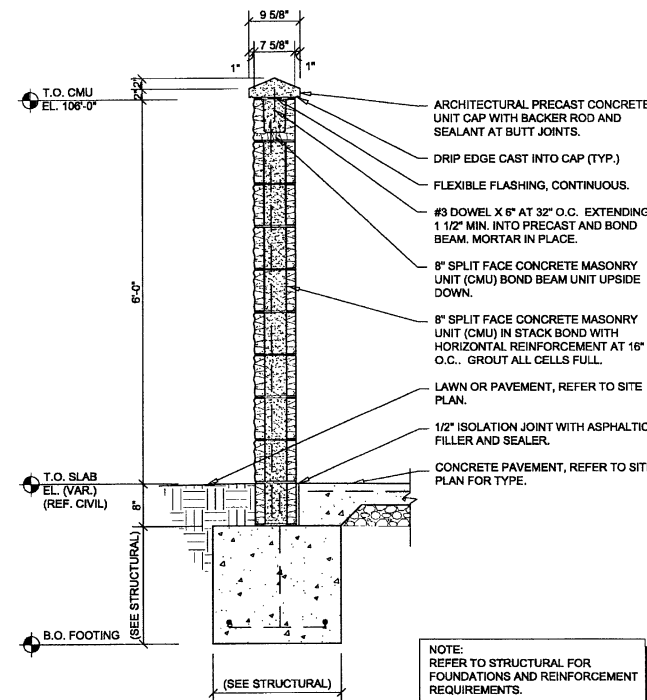
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DRAWN BY: KJO/BLG

C2.2
SHEET 3 OF 4

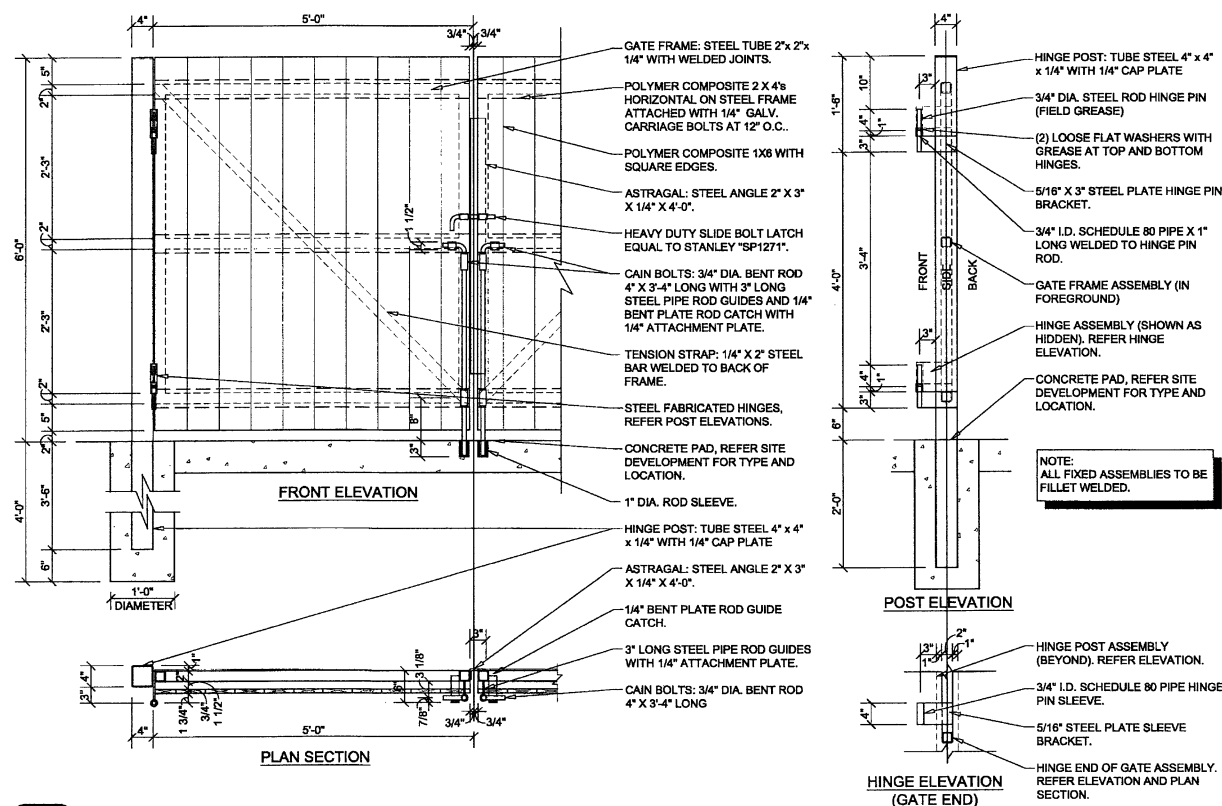
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1 MASONRY SCREEN FENCE REFUSE ENCLOSURE PLAN
C2.3 SCALE: 3/4" = 1'-0"



2 SCREEN FENCE SECTION
C2.3 SCALE: 3/4" = 1'-0"



3 SCREEN FENCE GATE DETAILS
C2.3 SCALE: 3/4" = 1'-0"

GENERAL NOTES

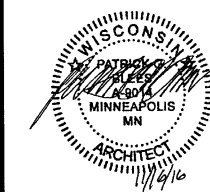
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- DIMENSIONS ARE TO ROUGH FACE OF CONCRETE, MASONRY, FRAMING, OR CENTER LINE OF STRUCTURE UNLESS OTHERWISE INDICATED.
- REFER TO CIVIL AND STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- REFER TO ARCHITECTURAL EXTERIOR FINISH SCHEDULE FOR MATERIAL TYPES, COLORS, AND FINISHES, UNLESS OTHERWISE INDICATED PROVIDE FINISHES AS FOLLOWS:
 - ALL MASONRY SURFACES TO MATCH TEXTURES AND COLORS OF BUILDING. EXPOSED MASONRY INSIDE ENCLOSURE TO BE PRIMED AND PAINTED (2) COATS OF COLOR TO MATCH ENCLOSURE EXTERIOR MASONRY.
 - ALL EXPOSED ARCHITECTURAL PRECAST TO BE NATURAL CONCRETE COLOR IN SMOOTH FORM FINISH.
 - ALL NON-GALVANIZED METAL PARTS TO BE PRIMED AND PAINTED (2) COATS SHERWIN WILLIAMS SW6468 "HUNT CLUB".
 - POLYMER COMPOSITE MATERIAL COLOR TO BE EQUAL TO "Trex" SELECT SERIES "PEBBLE GREY". FINAL COLOR TO BE SELECTED BY OWNER FROM MANUFACTURER'S STANDARD SAMPLES.

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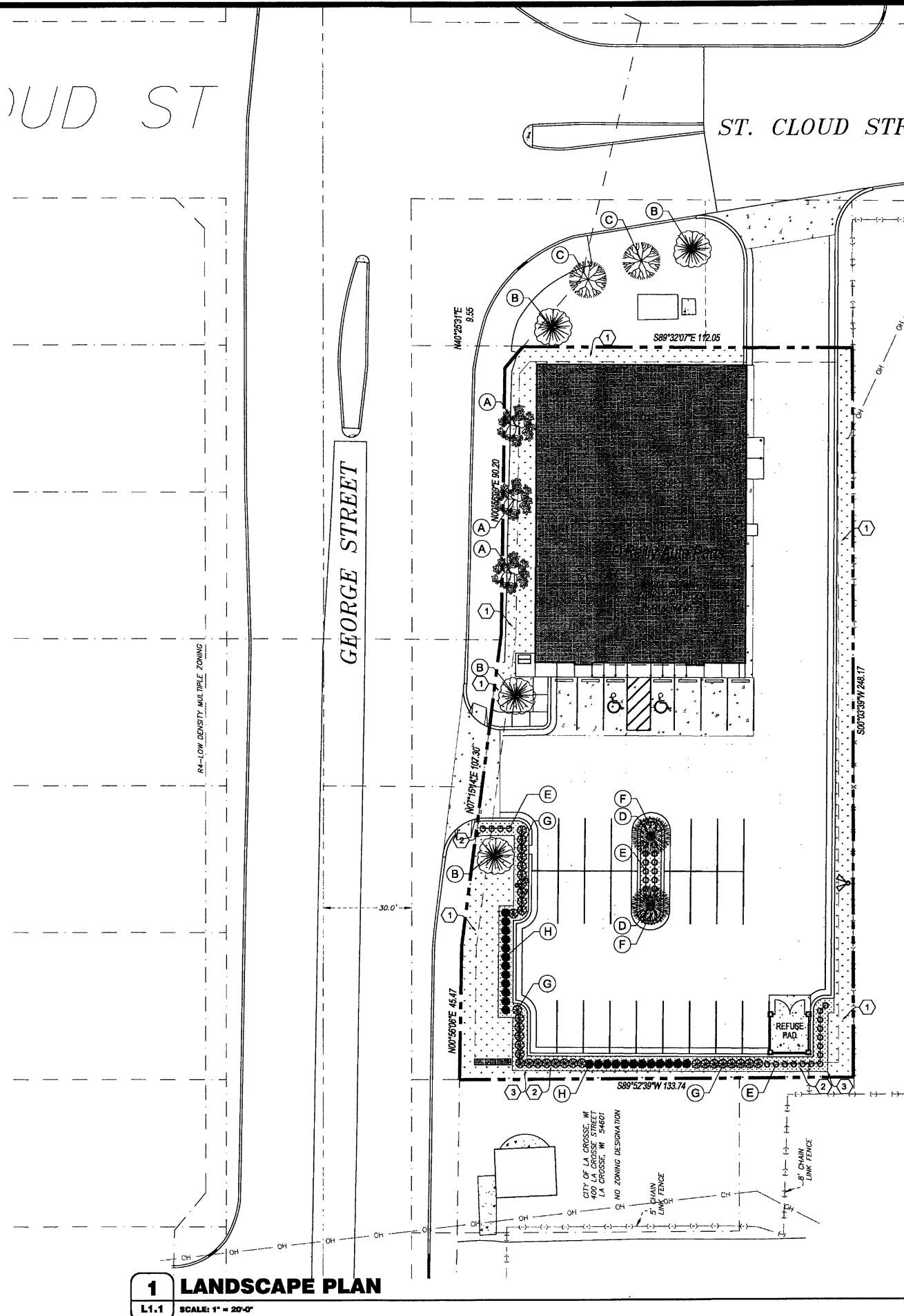
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SHEET TITLE:
SITE DEVELOPMENT DETAILS

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NO.	DATE:	BY:

PROJECT NO: 16115.014
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C2.3
SHEET 4 OF 4



LACROSSE INDUSTRIAL PARK CORPORATION
LA CROSSE, WI 54601
DOCUMENT NO. 755897
PD-PLANNED DEVELOPMENT ZONING

PLANTING SCHEDULE

REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS
ALL PLANTINGS MAY BE SUBSTITUTED DUE TO REGION OR LOCAL REQUIREMENTS IF NECESSARY

MARK	COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE	DETAIL	NOTES
A	IMPERIAL HONEY LOCUST	GLEDITSIA TRIACANTHOS VAR. INERMIS 'IMPCOLE'	3	2 1/2" BB.	5/L.1.2	-
B	AUTUMN BLAZE MAPLE	ACER X FREEMANII 'JEFFERSREY'	4	2 1/2" BB.	5/L.1.2	-
C	SWAMP WHITE OAK	QUERCUS BICOLOR	2	2 1/2" BB.	5/L.1.2	-
D	AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	2	6" BB	5/L.1.2	-
E	PRAIRIE DROPSEED	SPOROBOLUS HETEROLEPIS	32	#1	4/L.1.2	-
F	ANDORRA COMPACT JUNIPER	JUNIPERUS HORIZONTALIS 'PLUMOSA COMPACTA'	2	#5	4/L.1.2	-
G	CANADALE GOLD EUONYMUS	EUONYMUS FORTUNEI 'CANADALE GOLD'	33	#3	4/L.1.2	-
H	CHICAGOLAND GREEN BOXWOOD	BUXUS 'GLENCOE'	24	#3	4/L.1.2	-

GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- SITE CONDITIONS BASED UPON SURVEY PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION. NOTIFY ARCHITECT IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.
- REFER TO CIVIL DRAWINGS FOR ADDITIONAL REQUIREMENTS. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- ALL PLANTING TYPES SHALL COMPLY WITH LOCAL GOVERNING CODES AND REGULATIONS. CONFORM TO REQUIREMENTS OF PLANT LIST AND TO THE AMERICAN ASSOCIATION OF NURSERYMEN "AMERICAN STANDARD OF NURSERY STOCK" AND "HORTICULTURAL STANDARDS" AS TO SPECIES, AGE, SIZE, AND PLANTING RECOMMENDATIONS.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT THE ARCHITECT'S PRIOR WRITTEN APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED.
- PLANT LOCATIONS ARE APPROXIMATE. ADJUST AS NECESSARY TO AVOID CONFLICTS.
- QUANTITIES OF MATERIALS SHOWN ON LANDSCAPING PLAN TAKE PRECEDENCE OVER QUANTITIES SHOWN ON PLANTING SCHEDULE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON LANDSCAPING PLAN.
- PROVIDE 4" TOPSOIL AT ALL SOD, SEED AND PLANTING AREAS. GRADE SHALL BE ADJUSTED FOR SOD THICKNESS. REFER TO CIVIL SITE GRADING PLAN FOR SLOPE REQUIREMENTS.
- WHEN CLAY SOIL IS ENCOUNTERED IN THE ESTABLISHED OF THE LAWN OR THE INSTALLATION OF PLANT MATERIAL IT SHALL BE IMPROVED IN ACCORDANCE WITH STANDARD TRADE PRACTICE.
- RE-ESTABLISH TURF IN AREAS DISTURBED BY GRADING OR UTILITY TRENCHING IN THE RIGHT-OF-WAY.
- PRIOR TO INSTALLATION, GENERAL CONTRACTOR TO CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR IS TO CONTACT OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.

KEY NOTES

- AREA OF SOD, REFER TO DETAIL 1/L.1.2.
- CREEK GRAVEL, REFER TO DETAIL 2/L.1.2.
- LANDSCAPE EDGING, REFER TO DETAIL 2/L.1.2. PROVIDE AT ALL GROUND COVER TYPE TRANSITIONS.

SYMBOLS LEGEND

NOTE: REFER TO SURVEY SHEET FOR SYMBOLS LEGEND OF EXISTING CONDITIONS.

- NEW AREA OF LANDSCAPE GRAVEL
- NEW AREA OF SOD
- SHRUB PLANTING
- UNDER STORY TREE
- CANOPY TREE

CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.



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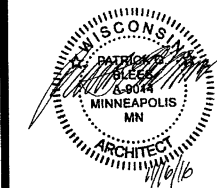
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10.14.16

DATE ISSUED

A-9014

REG. NO.



712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:

LANDSCAPE PLAN

REVISIONS:

NO: DATE: BY:

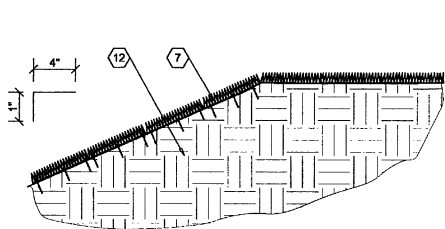
PROJECT NO: 16115.014

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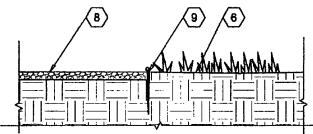
L1.1

SHEET 1 OF 3

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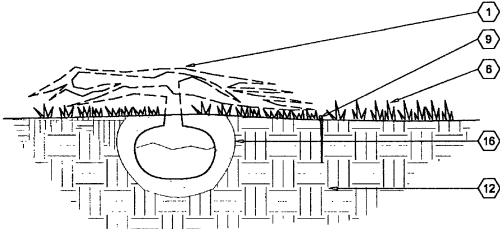


1 SOD DETAIL
L1.2 SCALE: 3/4" = 1'-0"

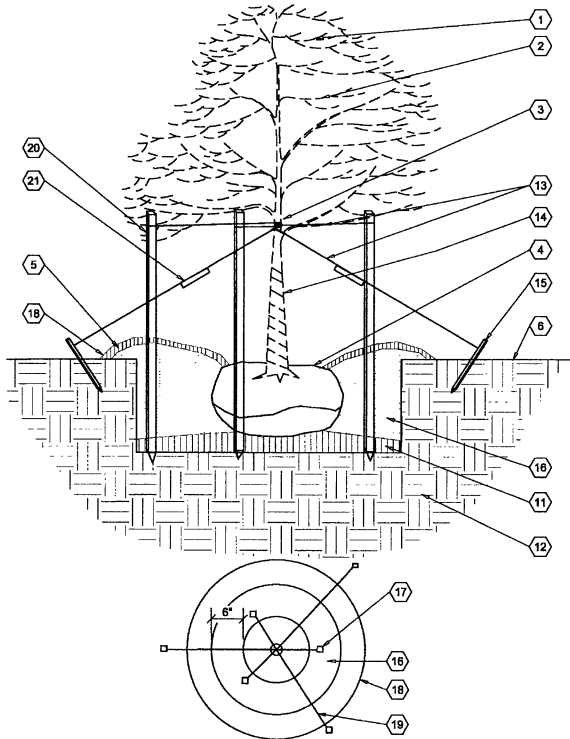


2 LANDSCAPE GRAVEL DETAIL
L1.2 SCALE: 3/4" = 1'-0"

3 NOT USED.
L1.2



4 SMALL SHRUB DETAIL
L1.2 SCALE: 3/4" = 1'-0"



5 LARGE DECIDUOUS TREE
L1.2 SCALE: 3/4" = 1'-0"

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL AND SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- (B) REFER TO LANDSCAPE PLAN FOR PLANTING TYPES AND LOCATIONS.
- (C) COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

KEY NOTES

- (1) PLANTING, REFER TO PLANTING SCHEDULE FOR TYPES.
- (2) SET TREE LEVEL AND PLUM. STRAIGHTEN AFTER SETTLEMENT IF NEEDED.
- (3) ENCASE WIRE AROUND TRUNK IN BLACK RUBBER. MOVE UP ABOVE EQUAL TO 1/2 TO 1/3 OF THE HEIGHT OF TREE.
- (4) SET TREE WITH TOP 1/3 OF ROOT ABOVE FINISH GRADE.
- (5) NOT USED.
- (6) LAWN
- (7) REFER TO SITE GRADING PLAN FOR SLOPE. PLACE THREE PINS EVERY 2'-0", SPACING EQUALLY. SOD SHALL BE COMPOSED OF TWO VARIETIES MINIMUM OF FESCUE GRASS.
- (8) 3" DEEP, 5/8" CREEK GRAVEL OVER BLACK 4 MIL. VISQUEEN VAPOR BARRIER.
- (9) 4" BLACK POLY VINYL EDGING
- (10) NOT USED.
- (11) COMPACTED PLANTING
- (12) SUB GRADE
- (13) TWO STRANDS OF WIRE
- (14) TRUNK WRAP
- (15) 2" X 2" X 10" WOOD STAKES BURY BELOW FINISH GRADE
- (16) PREPARED PLANTING MIXTURE.
- (17) TREES 6'-0" IN HEIGHT OR LESS SHALL BE STAKED
- (18) EXTENTS OF PLANTING BERM TO HOLD WATER
- (19) TREES TALLER THAN 3'-0" MUST BE TIED.
- (20) 2" X 4" STAKE - OR - METAL FENCE POST
- (21) 1" X 4" X 10" WHITE WOOD FLAG

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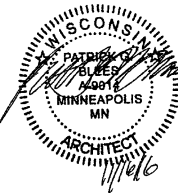
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10.14.16
DATE ISSUED
A-9014
REG. NO.

Reilly AUTO PARTS
712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
LANDSCAPING DETAILS

REVISIONS:		
NO:	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO

L1.2
SHEET 2 OF 3

CLOUD ST

ST. CLOUD STREET

GEORGE STREET

RA-Low Density Multiple Zoning

LACROSSE INDUSTRIAL PARK CORPORATION
712 MAIN STREET
LA CROSSE, WI 54601
DOCUMENT NO. 75867
PD-PLANNED DEVELOPMENT ZONING

CITY OF LA CROSSE, WI
400 LA CROSSE STREET
LA CROSSE, WI 54601
NO ZONING DESIGNATION

5' CHAIN
LINK FENCE

8' CHAIN
LINK FENCE

1 LANDSCAPE IRRIGATION PLAN

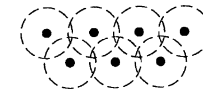
L2.1 SCALE: 1" = 20'-0"

GENERAL NOTES

- A REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B REFER TO CIVIL AND SITE UTILITY DRAWINGS FOR ADDITIONAL REQUIREMENTS. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- C PRIOR TO INSTALLATION, GENERAL CONTRACTOR TO CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR IS TO CONTACT OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- D IRRIGATION SYSTEM TO BE DESIGNED BY CONTRACTOR FOR SHOWN COVERAGE AREAS INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERABLE IRRIGATION SYSTEM IN ACCORDANCE WITH GOVERNING CODES, ORDINANCES, AND AUTHORITIES HAVING JURISDICTION. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL AS SPECIFIED.
- E VERIFY MINIMUM STATIC WATER PRESSURE IS AVAILABLE AT THE PROJECT SITE PRIOR TO DESIGN AND BEGINNING CONSTRUCTION.
- F COORDINATE IRRIGATION SYSTEM WITH LANDSCAPING AND PLANTING. REFER TO LANDSCAPE PLAN. WHEN TRENCHING AVOID TREE ROOT BALLS AND INSTALL HEADS AT APPROPRIATE LOCATIONS.
- G ADJUST ALL NOZZLES TO AVOID OVERTHROW ON SIDEWALKS, PAVING, WALLS, ROADWAYS, AND BEYOND PROPERTY LINES, UNLESS OTHERWISE INDICATED. THROTTLE ALL IRRIGATION CONTROL VALVES AS REQUIRED TO PREVENT FOGGING. ADJUST ARC AND RADIUS OF REQUIRED SPRINKLERS AS NEEDED.
- H SET CONTROLLER RUN TIMES TO MATCH PLANT WATER NEEDS AND SOIL CONDITIONS.
- I INSTALL RISERS 18" FROM WALLS AND A MINIMUM OF 12" FROM ANY SIDEWALK OR ROAD.
- J TOP OF SPRAY AND ROTOR HEADS SHALL BE SET AT TOP OF SOD OR TOP OF MULCH LAYERS.
- L PROVIDE RAIN SENSOR AND ANTI-FREEZE ASSEMBLY ON IRRIGATION SYSTEM.
- M THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE WORK UNTIL OWNER GIVES FINAL ACCEPTANCE.
- N ALL CIRCUIT PIPE IS TO BE CLASS 160 PVC OR HIGHER GRADE.
- O ALL MAIN FITTINGS SHALL BE REINFORCED WITH 2000 PSI POURED CONCRETE THRUST BLOCKS.

COVERAGE REQUIREMENTS

IRRIGATION HEAD SHALL BE PLACED TO PROVIDE 100% OVERLAP HEAD-TO-HEAD COVERAGE.



KEY NOTES

- 1 APPROXIMATE LOCATION OF LAWN IRRIGATION METER WITH BACK FLOW PREVENTION PER CITY REQUIREMENTS. REFER TO SITE UTILITIES PLAN
- 2 IRRIGATION CONTROLLER LOCATION INSIDE OF BUILDING. PROVIDE FREEZE SENSOR AND RAIN SENSOR ON OUTSIDE OF BUILDING.
- 3 4" DIAMETER SCHEDULE 40 PVC SLEEVES UNDER PAVEMENT FOR ROUTING OF IRRIGATION SYSTEM. PROVIDE END CAPS AND PULL WIRE.

SYMBOLS LEGEND

NOTE: REFER TO SURVEY SHEET FOR SYMBOLS LEGEND OF EXISTING CONDITIONS.

NEW AREA OF IRRIGATION SYSTEM COVERAGE

SHRUB PLANTING

UNDER STORY TREE

CANOPY TREE

CAUTION:
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811

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Reilly AUTO PARTS

712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
LANDSCAPE IRRIGATION
PLAN

REVISIONS:		
NO:	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO/BLC

L2.1

SHEET 3 OF 3



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SEAL:



DATE ISSUED

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REG. NO.



SHEET TITLE:
FRAMING PLAN

REVISIONS:

NO: DATE: BY:

[illegible]

PROJECT NO: WI 1043

DRAWN BY: A. MAGER

CHECKED BY: P. STOLE

S2

SHEET 2 OF 5



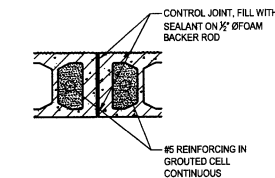
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(REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION)

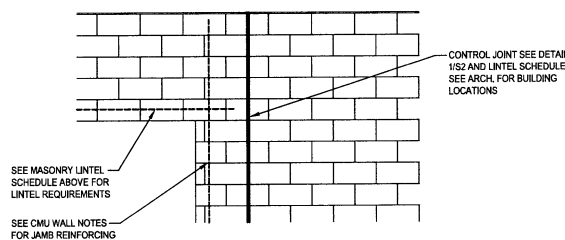
- A. ALL CMU SHALL BE 2-CELL BLOCK, CELLS WHICH CONTAIN REINFORCING STEEL SHALL BE FILLED SOLID WITH GROUT, INCLUDING BOND AND UNITS.
- B. VERTICAL CELLS TO BE FILLED SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR, UNOBSTRUCTED, CONTINUOUS VERTICAL CLEAR NOT LESS THAN 2"x2" IN PLAN DIMENSIONS.
- C. UNLESS NOTED OTHERWISE, FOUNDATION DOWELS SHALL HAVE STANDARD HOOK INTO FOUNDATION CONCRETE EXTEND 48" DIAMETERS INTO THE MASONRY WALL OR PARTITION, LAP OR GRIEDS SHALL BE 1'-0" OR 40 DIAMETERS, WHICHEVER IS GREATER. THERE SHALL BE A FOUR BAR HOOK INTO EACH VERTICAL REINFORCING BAR.
- D. VERTICAL WALL REINFORCING SHALL EXTEND CONTINUOUS FROM THE FOUNDATION TO EMBED INTO CONCRETE TO CAP BOND BEAM.
- E. AN ADDITIONAL VERTICAL BAR WITH FOUNDATION DOWEL, SAME SIZE AND LENGTH AS THE DESIGNATED WALL REINFORCING BARS, SHALL BE PLACED:
- 1. AT INTERSECTION OF WALLS.
 - 2. ON EACH SIDE OF DOOR AND WINDOW OPENINGS.
 - 3. ON EACH SIDE OF CONTROL JOINTS.
- F. BOND BEAMS AT TOP OF CMU WALLS SHALL BE CONTINUOUS, ALL INTERMEDIATE BOND BEAMS, IF ANY, SHALL BE CONTINUOUS EXCEPT WHERE INTERSECTED BY OPENINGS.
- G. PROVIDE HORIZONTAL BOND BEAM AT TOP OF FTG. COURSE ABOVE THE FLOOR LINE AND 4"0_{max} UP THE WALL.
- H. PROVIDE STANDARD HOOKS @ VERTICAL REINFORCING @ ENDS OF WALL AND SIDES OF OPENINGS OR CONTROL JOINTS.
- I. CONCRETE MASONRY UNITS SHALL CONFORM TO THE PROVISIONS OF THE CURRENT BUILDING CODE, UNLESS NOTED OTHERWISE. SEE DRAWING CRITERIA FOR BUILDING CODE INFORMATION.
- L. VERTICAL REINFORCING SHALL BE 4"0_{max} LAP SPACE TO BE 30".

	<p>0'-0" TO 4'-0" MASONRY OPENING 8" DEEP LINTEL BLOCK WITH (2) 8# CONTINUOUS AS SHOWN WITH LINTEL BLOCK EXTENDING 8" BEYOND OPENINGS</p>
	<p>4'-0" TO 8'-0" MASONRY OPENING 16" DEEP LINTEL WITH (4) 8# CONTINUOUS AS SHOWN WITH LINTEL BLOCK EXTENDING 8" BEYOND OPENINGS</p>
	<p>OPENING →</p> <p>PROVIDE CONTROL JOINT 8" BACK FROM FACE OF JAMB WHERE SHOWN ON ARCH. PLANS SEE DETAIL 1/52 & 2/52</p>



1

SCALE: NONE



2

SCALE: NONE

FOR MASONRY CONTROL JOINT, SEE DETAIL 1/S2
COORDINATE WITH ARCH. FOR CONTROL JOINT
LOCATIONS

ROOF FRAMING SHOWN FOR REFERENCE ONLY
COORDINATE ACTUAL FRAMING LAYOUT & RTU
LOCATIONS w/ PEMB SUPPLIER & MECH. DRAWINGS

CONSULTANTS:

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SEAL:



11-11-16

DATE ISSUED 30821

REG. NO.

REILLY AUTO PARTS

710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:

FOUNDATION DETAILS

REVISIONS:

NO.	DATE	BY

PROJECT NO: W1 1043

DRAWN BY: A. MAGER

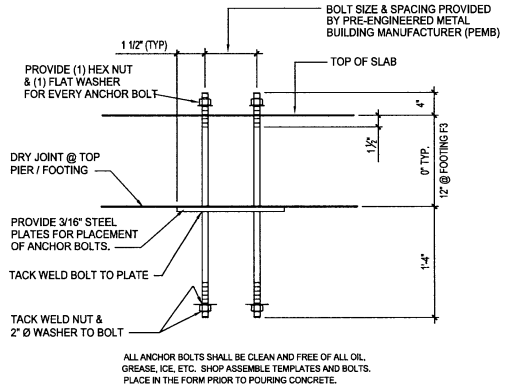
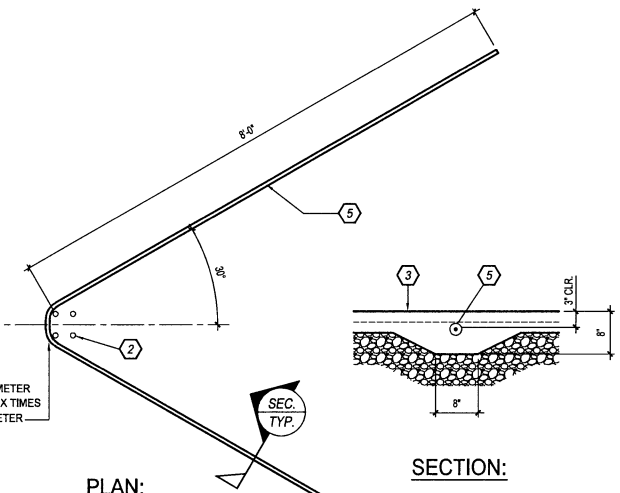
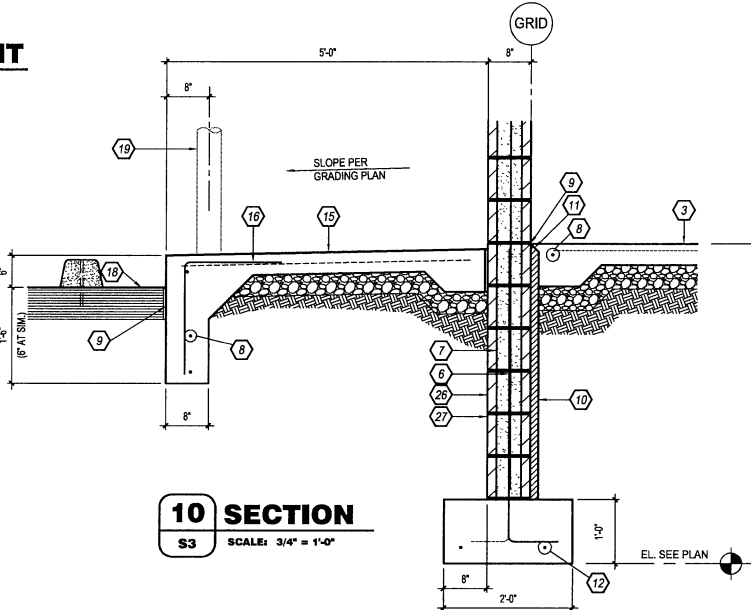
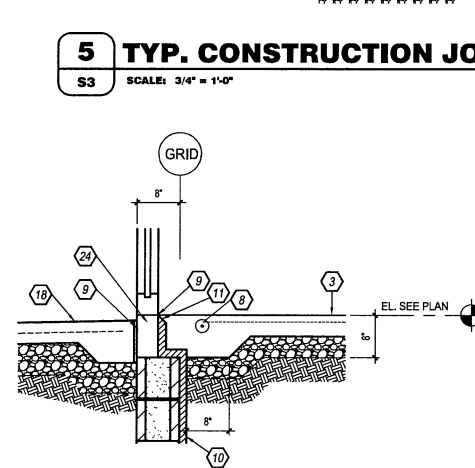
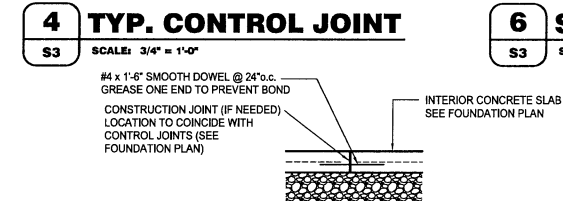
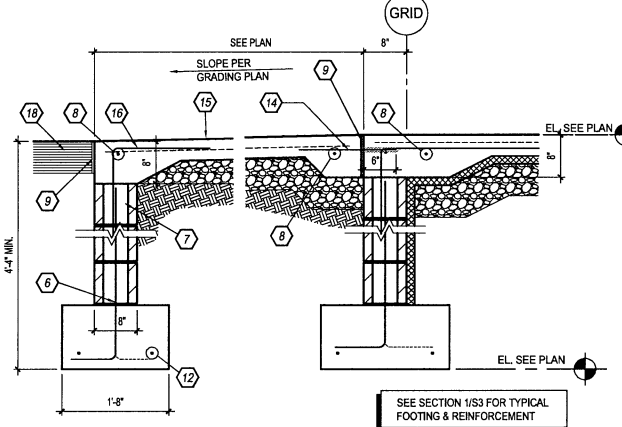
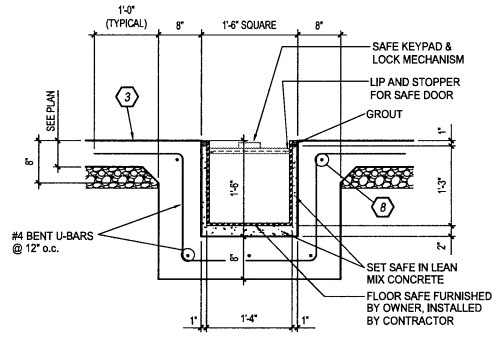
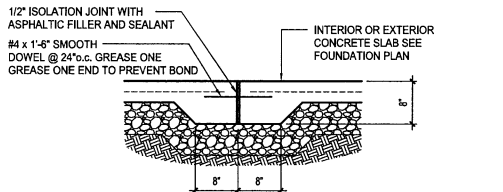
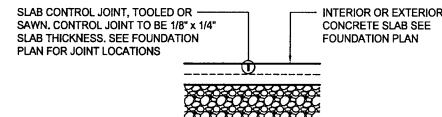
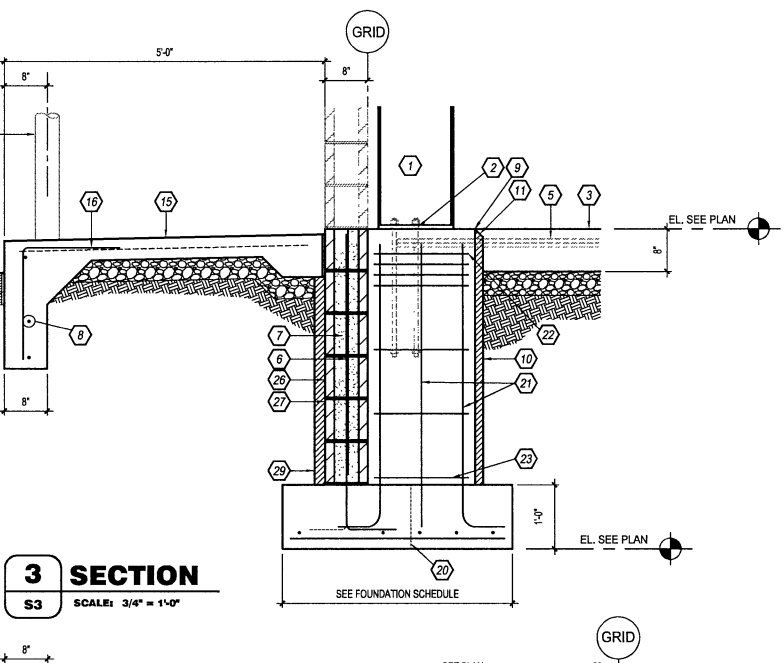
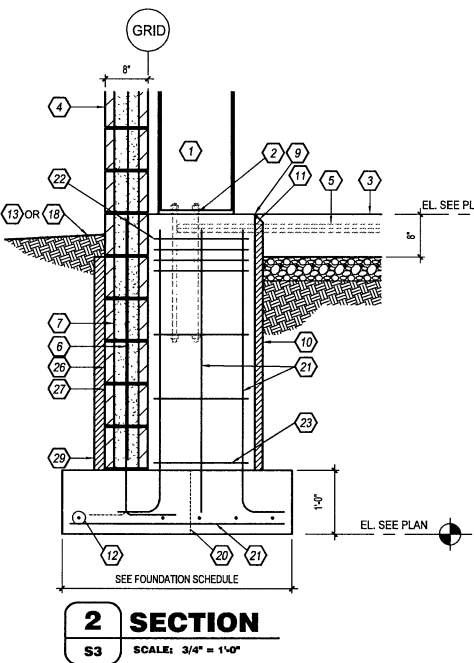
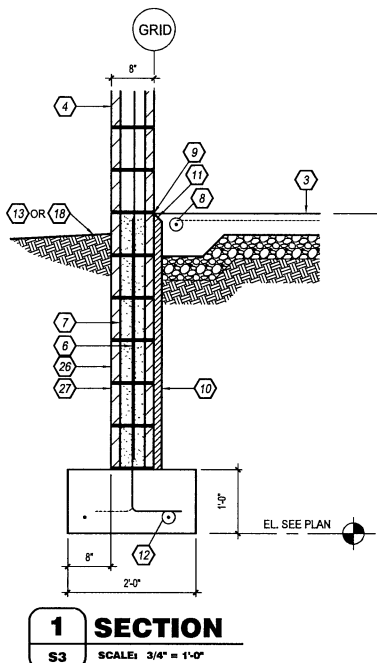
CHECKED BY: P. STOLE

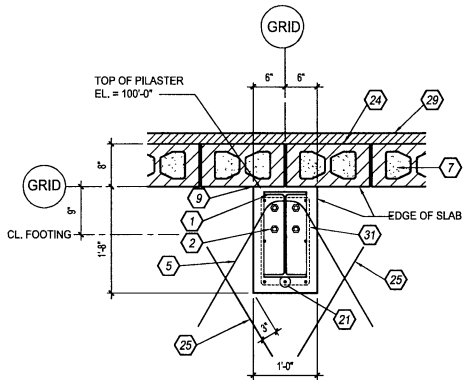
S3

SHEET 3 OF 5

KEYNOTES:

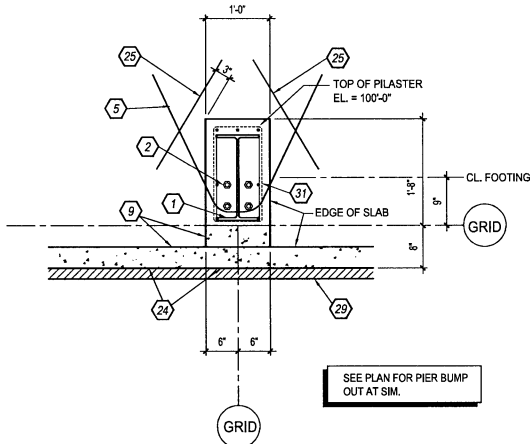
- PRE-ENGINEERED METAL BUILDING STRUCTURAL SYSTEM. SEE P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
- ANCHOR BOLTS. SEE FOUNDATION SCHEDULE AND PRE-ENGINEERED METAL BUILDING DRAWINGS FOR SIZE, QUANTITY AND PLAN LOCATION. SEE 12/S3 FOR TYPICAL SHOP FABRICATED ANCHOR ASSEMBLY.
- INTERIOR CONCRETE SLAB SEE FOUNDATION PLAN.
- 8" (NOM.) SPLIT FACE CMU. REFER TO CMU WALL NOTES ON SHEET S2 FOR WALL VERTICAL AND HORIZONTAL REINFORCEMENT.
- #6 HAIRPIN. SEE DETAIL 11/S3.
- BENT DOWEL MATCHING SIZE AND SPACING OF WALL REINFORCEMENT. ALTERNATE HOOK AS SHOWN. SEE CMU WALL NOTES SHEET S2.
- ALL MASONRY CELLS BELOW FINISHED FLOOR ELEVATION 100'-0" TO BE FILLED SOLID WITH GROUT.
- #4 CONTINUOUS
- 3/4" OR 1/2" ISOLATION JOINT WITH ASPHALTIC FILLER & SEALANT
- 2" EXTRUDED POLYSTYRENE, 15# DENSITY w/ SQUARE EDGE, RIGID INSULATION BOARD LOCATED AS SHOWN AT PERIMETER OF BUILDING. (R-5 MINIMUM PER INCH REQUIRED)
- TAPER TOP OF RIGID INSULATION 45 DEGREES AS SHOWN. POUR SLAB OVER INSULATION.
- (2) #5's CONTINUOUS (REINFORCEMENT TO RUN CONTINUOUS THRU COLUMN FOOTING)
- SEE GRADING PLAN FOR FINISH GRADES.
- #4x1'-6" DOWELS @ 24" o.c. DRILL AND EPOXY INTO MASONRY WITH APPROPRIATE EPOXY SYSTEM.
- EXTERIOR CONCRETE SLAB OR SIDEWALK SEE FOUNDATION PLAN.
- #3x4'-0" DOWEL @ 24" o.c. FIELD BEND AS SHOWN: 1'-6"
- 8" THICK CONCRETE SLAB (REFER TO SLAB NOTE ON SHEET S1 FOR ADDITIONAL INFORMATION)
- PAVING, SEE SITE DEVELOPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
- STEEL BOLLARD SEE SITE PLAN.
- LINE OF CONTINUOUS FOOTING BEYOND
- SEE FOUNDATION SCHEDULE FOR COLUMN PILASTER & FOOTING REINFORCEMENT.
- 4 - #3 TIES @ 12" o.c.
- #3 TIES @ 12" o.c.
- 4" OR 8" (NOM.) SOLID CMU CAP BLOCK
- PROVIDE #4x2'-0" DOWEL AT ALL SLAB INSIDE CORNERS.
- 8" (NOM.) SMOOTH FACE CMU. REFER TO CMU WALL NOTES ON SHEET S2 FOR WALL VERTICAL AND HORIZONTAL REINFORCEMENT.
- CONTINUOUS SHEET MEMBRANE WATERPROOFING. REFER TO ARCHITECTURAL & SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- #4x1'-6" DOWELS @ 24" o.c. (MAX.) DRILL AND EPOXY INTO CONCRETE WITH APPROPRIATE EPOXY SYSTEM.
- 2" THICK x 8'-0" SHEET OF EXTRUDED POLYSTYRENE, 15# DENSITY w/ SQUARE EDGE, RIGID INSULATION BOARD CENTERED ON PILASTERS ON EXTERIOR FACE OF BUILDING. (R-5 MINIMUM PER INCH REQUIRED)
- (2) #4's CONTINUOUS
- SEE SECTION FOR REBAR TIES AND SPACING



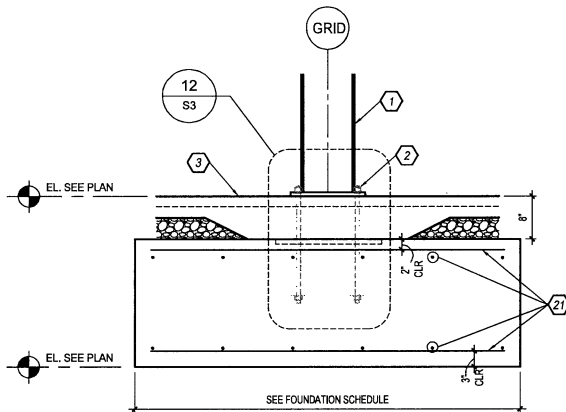


1 DETAIL
S4 SCALE: 3/4" = 1'-0"

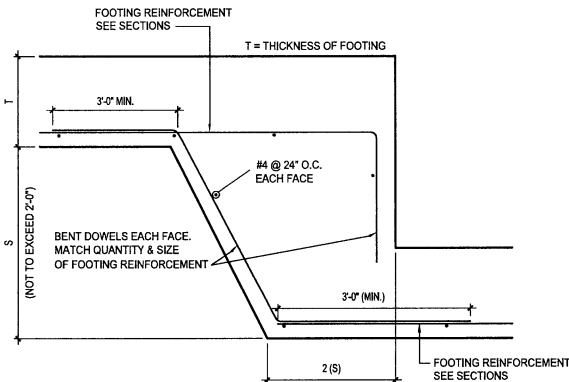
2 NOT USED
S4 SCALE: 3/4" = 1'-0"



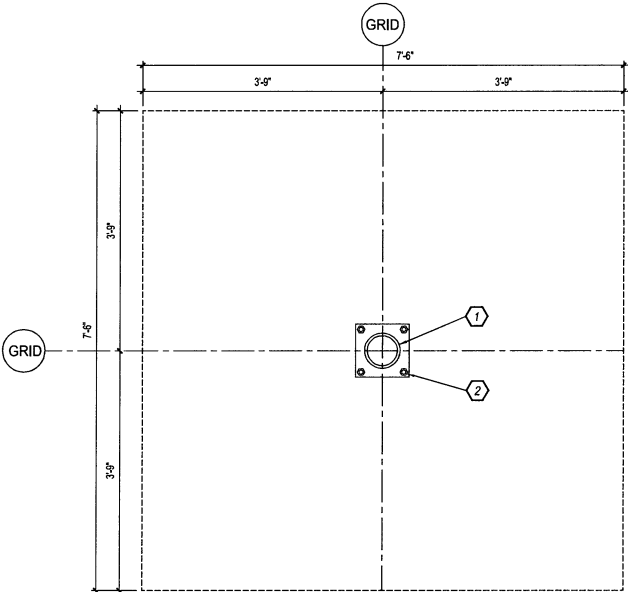
3 DETAIL
S4 SCALE: 3/4" = 1'-0"



5 DETAIL
S4 SCALE: 3/4" = 1'-0"



6 TYP. STEPPED FOOTING
S4 SCALE: NONE (IF REQUIRED BY FIELD CONDITIONS)



4 DETAIL
S4 SCALE: 3/4" = 1'-0"

KEYNOTES:

- PRE-ENGINEERED METAL BUILDING STRUCTURAL SYSTEM. SEE P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
- ANCHOR BOLTS. SEE FOUNDATION SCHEDULE AND PRE-ENGINEERED METAL BUILDING DRAWINGS FOR SIZE, QUANTITY AND PLAN LOCATION. SEE 12/S3 FOR TYPICAL SHOP FABRICATED ANCHOR ASSEMBLY.
- INTERIOR CONCRETE SLAB SEE FOUNDATION PLAN.
- 8" (NOM.) SPLIT FACE CMU. REFER TO CMU WALL NOTES ON SHEET S2 FOR WALL VERTICAL AND HORIZONTAL REINFORCEMENT.
- #6 HAIRPIN. SEE DETAIL 11/S3.
- BENT DOWEL MATCHING SIZE AND SPACING OF WALL REINFORCEMENT, ALTERNATE HOOK AS SHOWN. SEE CMU WALL NOTES SHEET S2.
- ALL MASONRY CELLS BELOW FINISHED FLOOR ELEVATION 100'-0" TO BE FILLED SOLID WITH GROUT.
- #4 CONTINUOUS
- 3/4" OR 1/2" ISOLATION JOINT WITH ASPHALTIC FILLER & SEALANT
- 2" EXTRUDED POLYSTYRENE, 15# DENSITY w/ SQUARE EDGE, RIGID INSULATION BOARD LOCATED AS SHOWN AT PERIMETER OF BUILDING. (R-5 MINIMUM PER INCH REQUIRED)
- TAPER TOP OF RIGID INSULATION 45 DEGREES AS SHOWN. POUR SLAB OVER INSULATION.
- (2) #5s CONTINUOUS (REINFORCEMENT TO RUN CONTINUOUS THRU COLUMN FOOTING)
- SEE GRADING PLAN FOR FINISH GRADES.
- #4x1'-6" DOWELS @ 16"o.c. DRILL AND EPOXY INTO MASONRY WITH APPROPRIATE EPOXY SYSTEM.
- EXTERIOR CONCRETE SLAB OR SIDEWALK SEE FOUNDATION PLAN.
- #3x4'-0" DOWEL @ 24"o.c. FIELD BEND AS SHOWN: 1'-6"
- 8" THICK CONCRETE SLAB (REFER TO SLAB NOTE ON SHEET S1 FOR ADDITIONAL INFORMATION)
- PAVING. SEE SITE DEVELOPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
- STEEL BOLLARD SEE SITE PLAN.
- LINE OF CONTINUOUS FOOTING BEYOND
- SEE FOUNDATION SCHEDULE FOR COLUMN PILASTER & FOOTING REINFORCEMENT.
- 4 - #3 TIES @ 3"o.c. @ ANCHOR BOLTS.
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- CONTINUOUS SHEET MEMBRANE WATERPROOFING. REFER TO ARCHITECTURAL & SPECIFICATIONS FOR ADDITIONAL INFORMATION.
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- (2) #4s CONTINUOUS
- SEE SECTION FOR REBAR TIES AND SPACING

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11-11-15

DATE ISSUED

30821

REG. NO.



710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:

FOUNDATION DETAILS

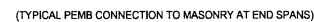
REVISIONS:

NO:	DATE:	BY:

PROJECT NO: W1 1043
DRAWN BY: A. MAGER
CHECKED BY: P. STOLE

S4

SHEET 4 OF 5

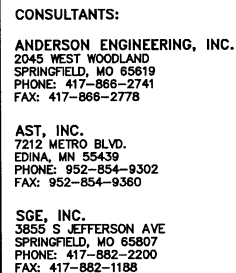


5 DETAIL



- 1 PRE-ENGINEERED METAL BUILDING STRUCTURAL SYSTEM. SEE P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
- 2 8" (NOM.) SPLIT FACE CMJ. REFER TO CMJ WALL NOTES ON SHEET 52 FOR WALL VERTICAL AND HORIZONTAL REINFORCEMENT
- 3 CONTINUOUS 8" (NOM.) SPLIT FACE LINTEL BLOCK OR BOND BEAM W/ (2) #4 CONT.
- 4 CONTINUOUS TREATED 2x NAILER WITH 1/2" Ø GALVANIZED ANCHOR BOLTS @ 32"x6."
- 5 CONTINUOUS L 6"x4"x1/2" LEDGER ANGLE. STOP ANGLE 1/2" SHORT EACH SIDE OF MASONRY CONTROL JOINTS. ANCHOR TO WALL BY DRILLING 1/2"x6"x6" DEEP HOLES INTO MASONRY FOR 1/2"x6"x6" ALL-THREAD RODS (AS SHOWN IN DETAIL 555) IN FULLY GROUTED CELLS. EPOXY IN PLACE. REFER TO EPOXY INSTALLATION NOTES. ANCHOR ALSO TO BE LOCATED WITHIN 6" OF ANGLE ENDS.
- 6 REFER TO ARCH. FOR ALL ROOF FLASHING REQUIREMENTS
- 7 CONTINUOUS 8" (NOM.) SMOOTH FACE LINTEL BLOCK OR BOND BEAM W/ (1) #5 CONT.
- 8 CONNECTION CLIP AND BOLTS BY PRE-ENGINEERED METAL BUILDING SUPPLIER
- 9 YIELD PLATE BY METAL BUILDING SUPPLIER. SPACE @ 48"x6". MAX. @ FRONT WALL & 32"x6" MAX. @ REAR WALL. LOCATE PLATE 4" FROM EACH SIDE WALL.
-ANCHOR TO WALL BY DRILLING 1/2"x6"x6" DEEP HOLES INTO MASONRY FOR (2) 1/2"x6"x6" ALL-THREAD ROD IN FULLY GROUTED CELLS. EPOXY IN PLACE. REFER TO EPOXY INSTALLATION NOTES. SHIM PLATES AS REQ'D. BY CONTRACTOR.
- 10 PRE-ENGINEERED METAL BUILDING WIND BEAM AND BRACING. SEE P.E.M.B. SHOP DRAWINGS. FIELD DRILL HOLES IN WIND BEAM TO MATCH CLIP LOCATIONS.
- 11 1/2"x4"x1/2" BY PEMB SUPPLIER. ANCHOR TO WALL BY DRILLING 1/2"x6"x6" DEEP HOLE INTO MASONRY FOR 4 - 1/2"x6"x6" ALL-THREAD RODS IN FULLY GROUTED CELLS. EPOXY IN PLACE. REFER TO EPOXY INSTALLATION NOTES.
- 12 1/2"x4"x1/2" BY PEMB SUPPLIER. ANCHOR TO WALL BY DRILLING 1/2"x6"x6" DEEP HOLE INTO MASONRY FOR 4 - 1/2"x6"x6" ALL-THREAD RODS IN FULLY GROUTED CELLS. EPOXY IN PLACE. REFER TO EPOXY INSTALLATION NOTES.
- 13 BOLTS BY PRE-ENGINEERED METAL BUILDING SUPPLIER
- 14 1/2" BENT PLATE BY PEMB SUPPLIER. ANCHOR TO WALL BY DRILLING 1/2"x6"x6" DEEP HOLE INTO MASONRY FOR 2 - 1/2"x6"x6" ALL-THREAD RODS IN FULLY GROUTED CELLS. EPOXY IN PLACE. REFER TO EPOXY INSTALLATION NOTES.
- 15 SHIM PLATES AS REQ'D. FOR CONNECTION BY CONTRACTOR

1. DRILL PROPER SIZE HOLE INTO FILLED CELL FOR THE DESIGNATED BAR AS SHOWN ON THE PLANS. CLEAN OUT HOLE WITH OIL-FREE COMPRESSED AIR. COMPLETE PREPARATION WITH USE OF A NYLON BRUSH (DO NOT USE A WIRE BRUSH, BLOW OUT DUST OR FRAGMENTS).
2. PRIOR TO INJECTION, DISCHARGE AND DISPOSE OF APPROXIMATELY ONE FLUID OUNCE OF EPOXY. EPOXY MUST BE UNIFORM IN COLOR. INSERT NOZZLE INTO THE BOTTOM OF THE HOLE AND FILL ONE HALF THE HOLE IN DEPTH.
3. MARK SIDE OF REINFORCEMENT DOWEL OR ANCHOR PRIOR TO PLACEMENT TO INSURE THE ROD IS PLACED TO THE REQUIRED DEPTH.
4. INSERT SELECTED ROD SLOWLY BY HAND INTO THE BOTTOM OF THE HOLE USING A SLOW TWISTING MOTION.
5. LOAD ONLY AFTER RECOMMENDED CURE TIME. (SEE MANUFACTURER'S RECOMMENDATIONS).
6. ANCHOR INSTALLATION TO HAVE FULL TIME SPECIAL INSPECTION.



SEAL:



11-11-16

DATE ISSUED

REG. NO. 30821

REG. NO.



Reilly AUTO PARTS

710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:
ROOF DETAILS

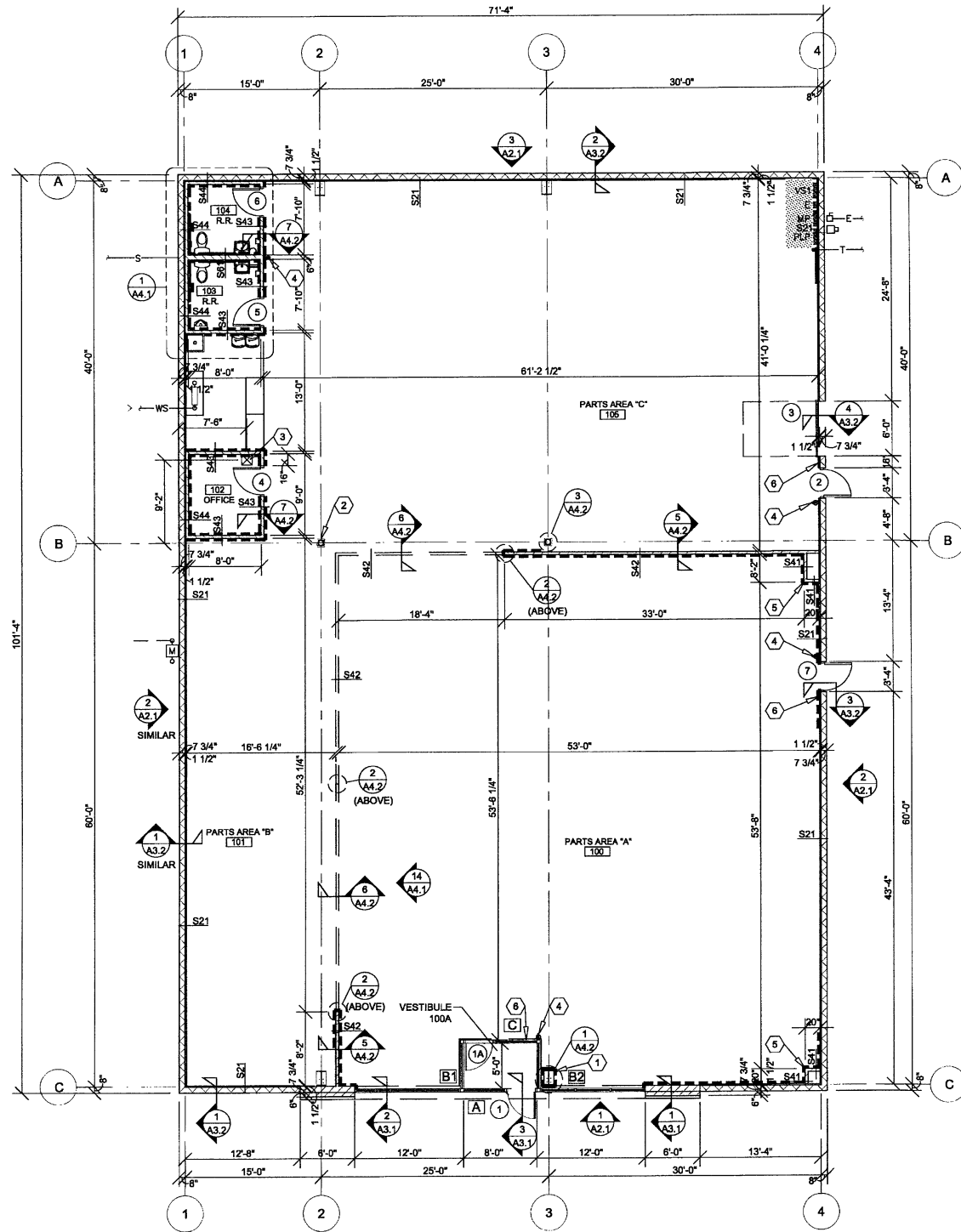
REVISIONS:

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PROJECT NO: WI 1043
DRAWN BY: A. MAGEE
CHECKED BY: P. STOL

S5

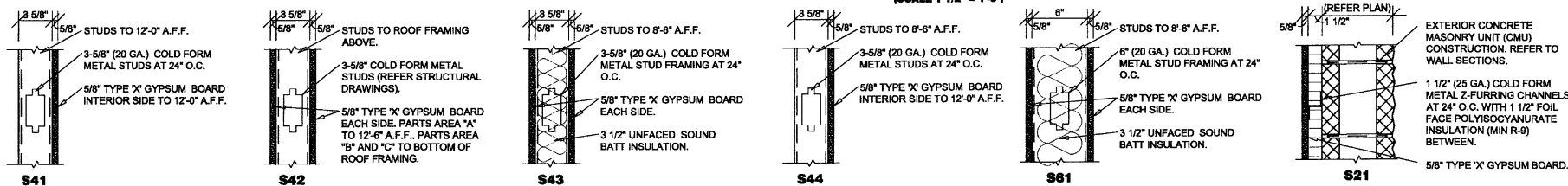
SHEET 5 OF 5



1 FLOOR PLAN
A1.1 SCALE: 1/8" = 1'-0"

INTERIOR WALL TYPES

(SCALE 1 1/2" = 1'-0")



GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- (B) ALL DIMENSIONS TO ROUGH FACE OF ROUGH FRAMING, CONCRETE, MASONRY OR CENTERLINE OF STRUCTURE, UNLESS OTHERWISE NOTED. COLD FORM METAL STUD INTERIOR PARTITION DIMENSIONS 3-5/8" UNLESS OTHERWISE INDICATED AND NOT SHOWN FOR CLARITY.
- (C) REFER TO EXTERIOR AND INTERIOR FINISH SCHEDULES FOR ADDITIONAL REQUIREMENTS.
- (D) REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS. NOTIFY ARCHITECT IF FINAL DESIGN CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.

KEY NOTES

- (1) CONCEALED STEEL COLUMN, REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS, PROVIDE SHEET METAL COVER WITH NO EXPOSED HORIZONTAL SEAMS. FINISH TO MATCHING WINDOW FRAMING.
- (2) EXPOSED STEEL COLUMN, REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS, (PAINT).
- (3) OWNER FURNISHED AND CONTRACTOR INSTALLED FLOOR SAFE. SIZE AND TYPE TO BE VERIFIED BY OWNER. FOR FLOOR RECESSED TYPE REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. DO NOT INSTALL UNIT UNTIL AFTER OFFICE INTERIOR FINISH WORK HAS BEEN COMPLETED.
- (4) PORTABLE FIRE EXTINGUISHER SURFACE MOUNTED AT 42" A.F.F. TO CENTERLINE OF EXTINGUISHER. FIRE EXTINGUISHERS SHALL BE UL LISTED, ABC TYPE, WITH 10 LBS. CAPACITY.
- (5) SHOWROOM CORNER WALL BOX OUT. INSTALL 5/8" FIRE TREATED PLYWOOD BACKING TO BACK SIDE OF STUD INTERIOR FLANGE ON EACH EXPOSED WALL FACE FROM 8'-0" TO 10'-0" A.F.F. FOR INSTALLATION OF SECURITY MIRRORS. REFER TO 4/A4.2 (TYPICAL).
- (6) TACTILE EXIT SIGN AT EXIT DISCHARGE DOOR STATING "EXIT" WITH BRAILLE LETTERING. SIGN TYPE TO COMPLY WITH ANSI A117.1 AND MOUNTED AT 60" A.F.F. TO CENTERLINE.
- (7) ROOFTOP ACCESS LADDER. COORDINATE EXACT LOCATION WITH PEMB MANUFACTURER.

SPECIAL NOTE:
REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS FOR LOCATIONS OF INDEPENDENT STRUCTURAL VERTICAL LATERAL BRACING SYSTEMS AND NOTIFY OWNERS REPRESENTATIVE AND ARCHITECT IF BRACING OCCURS ADJACENT TO RESTROOM PERIMETER WALLS. ENTIRE RESTROOM LAYOUT TO SHIFT 6" AWAY FROM BRACING WALL(S) TO CONCEAL STRUCTURE.

INTERIOR WALL & CEILING NOTES

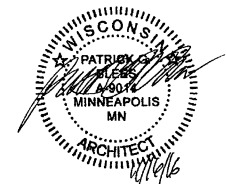
1. GENERAL:
A. REFER TO FINISH SCHEDULES FOR ADDITIONAL WALL FINISH MATERIAL APPLICATIONS.
- B. REFER TO WALL SECTIONS AND DETAILS FOR ADDITIONAL CONDITIONS.
2. FRAMING:
A. PROVIDE FIRE TREATED 2X BLOCKING AS REQUIRED FOR INSTALLATION OF ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS.
- B. PROVIDE DIAGONAL WALL BRACING (3" X 16 GA. FLAT STRIP) AT CORNER FACES OF FREE STANDING PARTITION SYSTEMS.
- C. WHERE WALL FRAMING EXTENDS TO BOTTOM OF ROOF DECK OR STRUCTURE, PROVIDE DEFLECTION CHANNELS AT TOP TRACK FOR 1 1/2" MINIMUM DEFLECTION.
- D. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL STUD REQUIREMENTS.
- E. REFER TO WINDOW AND DOOR HEAD, JAMB AND SILL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
- F. PROVIDE HORIZONTAL STUD BRIDGING AT 4'-0" O.C. VERTICAL.
3. GYPSUM AND BACKING BOARD:
A. EXPANSION/CONTROL JOINTS: INSTALL EXPANSION/CONTROL JOINTS IN CEILINGS EXCEEDING 2500 SQ. FT. IN AREA AND IN PARTITION WALL LENGTHS EXCEEDING 30 FEET. DO NOT EXCEED A DISTANCE OF 50 FEET IN ANY DIRECTION BETWEEN CEILING JOINTS. INSTALL CONTROL JOINTS WHERE FRAMING OR FURRING CHANGES DIRECTION.
- B. PROVIDE MOISTURE RESISTANT TYPE "X" GYPSUM BOARD AT ALL WET LOCATIONS (RESTROOMS, WET WALLS, AND JANITOR'S SINK AREAS).
- C. PROVIDE "J" MOLDING, REGLETS, OR CORNER BEAD AT GYPSUM BOARD PERIMETER CONDITIONS TRANSITIONING TO DISSIMILAR EXPOSED FINISH MATERIALS.
4. INSULATION:
A. INSULATION SHALL HAVE A FLAME SPREAD RATING OF 0-25 AND A SMOKE DEVELOPMENT RATING OF 0-450.
- B. PROVIDE SEALANT ON BOTH SIDES OF STUD BOTTOM TRACKS AT ACOUSTICAL INSULATED WALL LOCATIONS.
5. FIRE STOPPING:
A. PROVIDE FIRE STOPPING AND FIRE SEALANT MATERIALS AS REQUIRED AT ALL FIRE RATED ASSEMBLY TRANSITIONS, PENETRATIONS, AND PERIMETER CONDITIONS. RATING TO BE EQUAL TO RATED ASSEMBLY.

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PHONE: 417-882-2200
FAX: 417-882-1188

SEAL:



PATRICK G. BLEES, ARCHITECT

10.14.16
DATE ISSUED
A-9014
REG. NO.

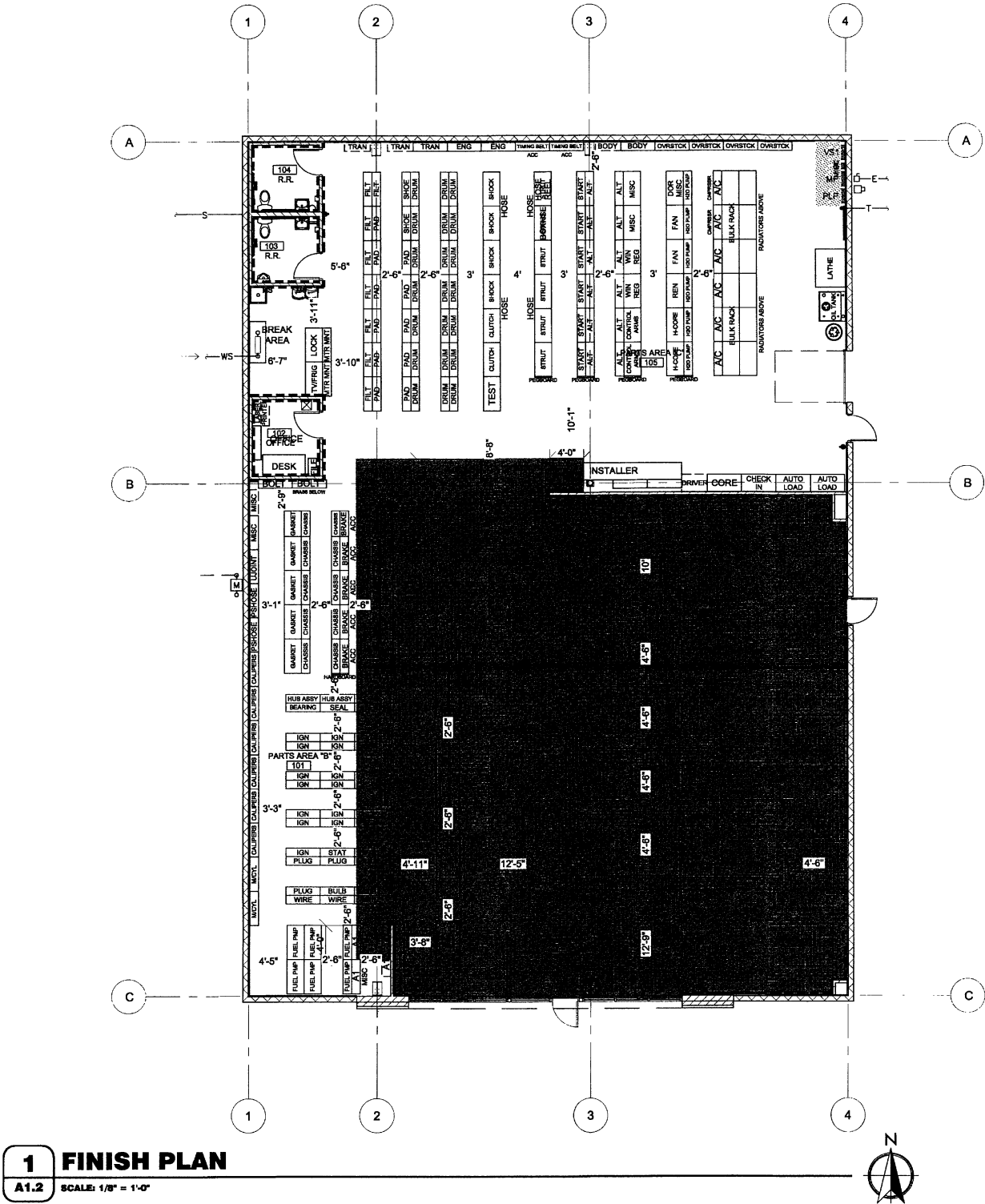
Reilly AUTO PARTS
712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
FLOOR PLAN

REVISIONS:		
NO:	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO

A1.1
SHEET 1 OF 10



1 FINISH PLAN
A1.2 SCALE: 1/8" = 1'-0"

INTERIOR FINISH SCHEDULE											
NO.	ROOM OR SPACE	FLOORING		WALLS				CEILING		DOORS	
		TYPE	BASE	NORTH	EAST	SOUTH	WEST	TYPE	HEIGHT	DOOR	FRAME
100	PARTS AREA (A)	F-1	B-1	W-1	W-1	W-1	W-1	C-1	11'-6"	D-3	D-3
101	PARTS AREA (B)	F-2	N/A	W-3	W-2	W-2	W-2	C-4	VARIES	-	-
102	OFFICE	F-2	B-1	W-2	W-2	W-2	W-2	C-2	8'-6"	D-1	D-2
103	REST ROOM	F-2	B-1	W-4	W-4	W-4	W-4	C-3	8'-6"	D-1	D-2
104	REST ROOM	F-2	B-1	W-4	W-4	W-4	W-4	C-3	8'-6"	D-1	D-2
105	PARTS AREA (C)	F-2	N/A	W-2	W-2	W-2	W-2/W-3	C-4	VARIES	D-3	D-3

INTERIOR FINISH SCHEDULE NOTES:
1. PAINT EXTERIOR OF (102) OFFICE, (103) RESTROOM, AND (104) RESTROOM WITH W-3 AND PROVIDE BASE B-1. WHERE MULTIPLE WALL FINISH TYPES INDICATED IN SCHEDULE RELATES TO VARIOUS WALL FINISH TYPES BY ROOM OR SPACE PLAN ORIENTATION ONLY AND IS NOT INTENDED AS WAINSCOT PATTERNING OF FINISHES ON A SINGLE WALL PLANE.
2. LOCATION OF BASE GRAPHICALLY INDICATED ON DRAWING, REFER SYMBOLS LEGEND.
3. PROVIDE PIECES OF 2' LENGTH BASE FOR INSTALLATION AT ENDS OF PARTS AREA "B" FIXTURES FACING PARTS AREA "A".
4. REFER TO ELECTRICAL DRAWINGS FOR GRID LAYOUT.
5. PAINT EXPOSED STEEL COLUMNS TO MATCH W-3 AND PROVIDE BASE B-1 AROUND PERIMETER.

GENERAL NOTES

(A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

(B) FIXTURES AND EQUIPMENT SHOWN FOR REFERENCE ONLY AND ARE OWNER FURNISHED AND INSTALLED.

(C) DIMENSIONS TO ROUGH FACE OF ROUGH FRAMING OR FACE OF FIXTURE UNLESS OTHERWISE NOTED.

(D) PROVIDE SUSPENDED CEILING SEISMIC BRACING, REFER TO DETAIL 9/A.2.

(E) ALL FINISH SUBSTITUTION REQUEST REQUIRE OWNER PRIOR APPROVAL.

INTERIOR FINISH TYPES

FLOORS
F-1:
TYPE: POLISHED CONCRETE FINISH
MFG: (REFER TO PROJECT MANUAL - SECTION 03 35 43)
COLOR: NATURAL CONCRETE, CLEAR

F-2:
TYPE: LIQUID DENSIFIER TREATED CONCRETE FINISH
MFG: (REFER TO PROJECT MANUAL - SECTION 03 30 00)
COLOR: NATURAL CONCRETE, CLEAR

BASE
B-1:
TYPE: RESILIENT BASE
MFG: EQUAL TO VPI
SIZE: 4" COVE
COLOR: JET, #01

WALLS
W-1:
TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: FLAT LATEX
COLOR: SW6126 "NAVAJO WHITE"

W-2:
TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS LATEX
COLOR: SW6126 "NAVAJO WHITE"

W-3:
TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS LATEX
COLOR: SW6468 "HUNT CLUB"

W-4:
TYPE: SANITARY WALL AND CEILING PANEL SYSTEM
MFG: (REFER PROJECT MANUAL)
COLOR: WHITE

CEILINGS
C-1:
TYPE: ACOUSTICAL TILE CEILING
SIZE: 24" X 48" X 5/8" SQUARE EDGE
MFG: ARMSTRONG SPECIFIED
SERIES: 1729 "FINE FISSURED"
COLOR: WHITE
GRID SERIES: "PRELUDE" 15/16" EXPOSED TEE SYSTEM
GRID COLOR: WHITE

C-2:
TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: FLAT LATEX
COLOR: SW6126 "NAVAJO WHITE"

C-3:
TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS LATEX
COLOR: SW6126 "NAVAJO WHITE"

C-4:
TYPE: EXPOSED INSULATION VAPOR BARRIER (WHITE) AND EXPOSED STEEL FRAMING SYSTEM (FACTORY PRIMED)

DOORS AND FRAMES
D-1 (INTERIOR WOOD DOORS):
TYPE: STAIN
SPECIES: CUSTOM GRADE ROTARY SLICED NATURAL BIRCH
FINISH: FACTORY FINISHED
COLOR: EQUAL TO "GRAHAM" #300, MEDIUM BROWN

D-2 (INTERIOR HOLLOW METAL FRAMES):
TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS ENAMEL
COLOR: SW6468 "HUNT CLUB"

D-3 (EXTERIOR DOORS & FRAMES):
TYPE: PAINT
FINISH: REFER TO EXTERIOR FINISH SCHEDULE
COLOR: REFER TO EXTERIOR FINISH SCHEDULE

SYMBOLS LEGEND

F-1: POLISHED CONCRETE:

F-2: LIQUID DENSIFIER TREATED CONCRETE

B-1: BASE:

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SHEET TITLE:
INTERIOR FINISH PLAN

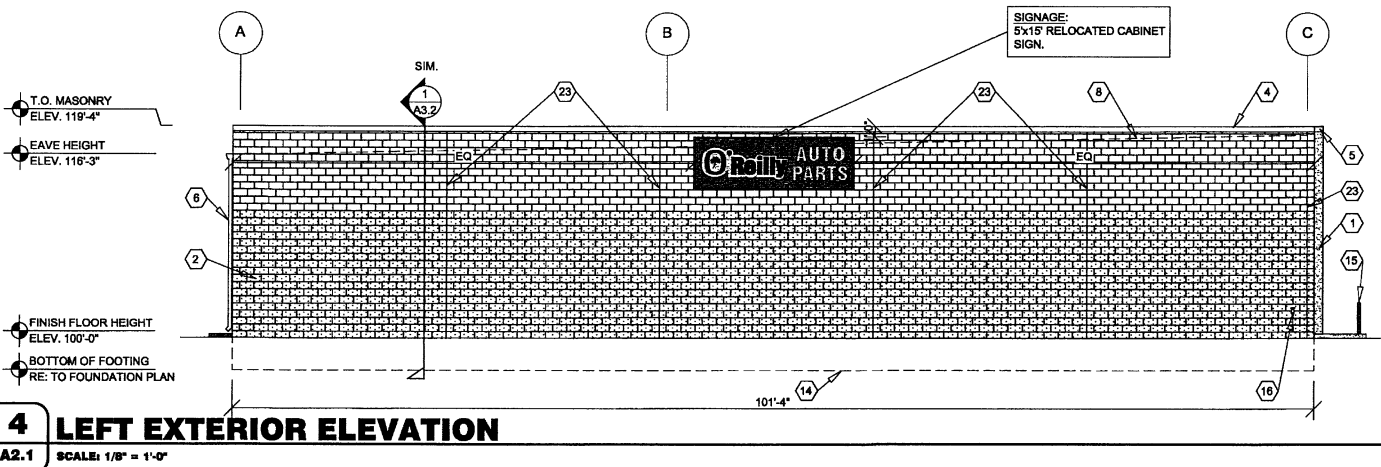
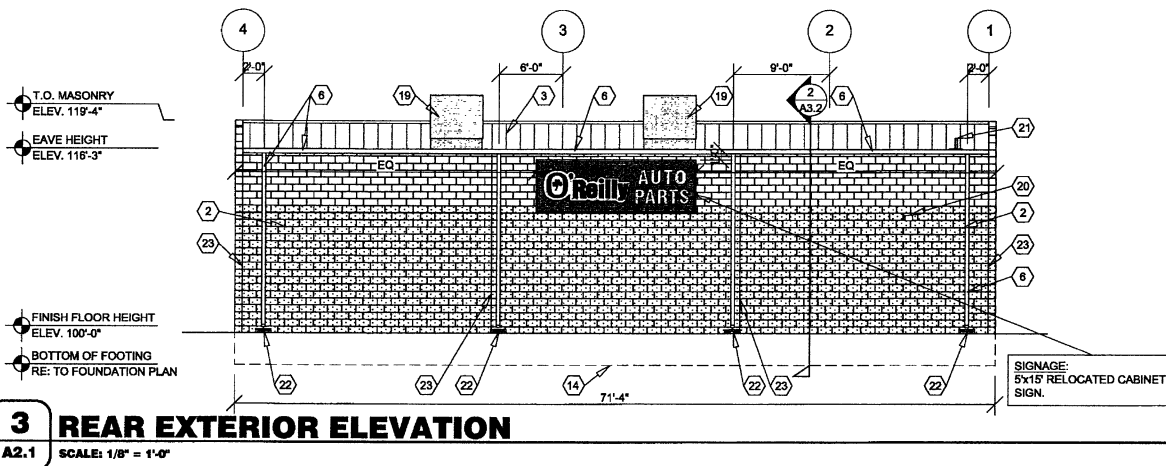
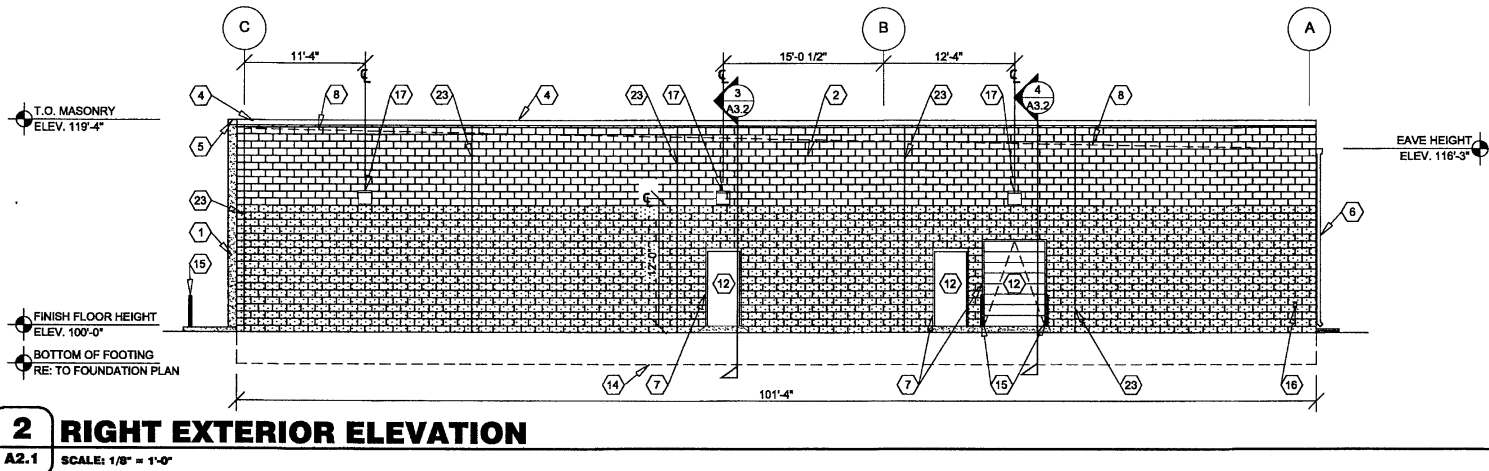
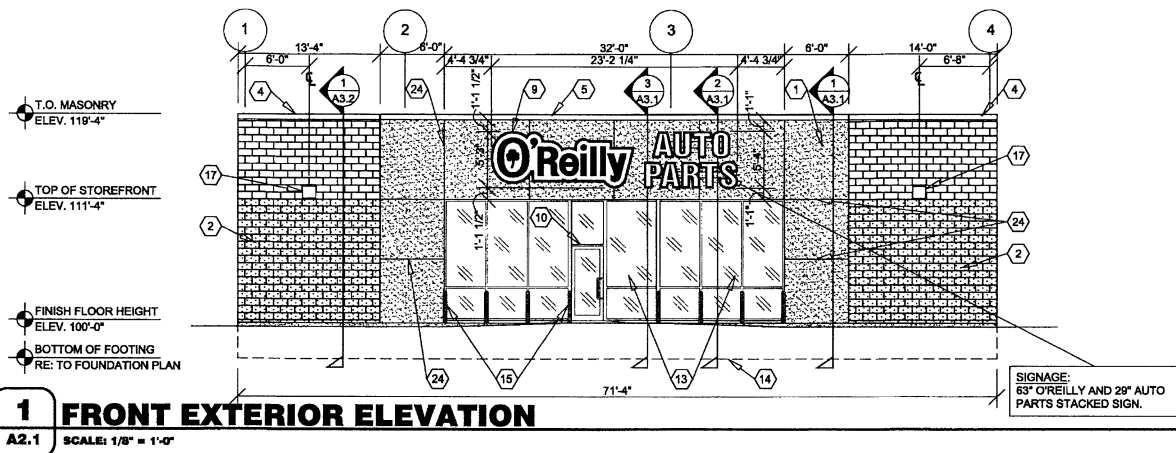
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A1.2
SHEET 2 OF 10

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EXTERIOR FINISH SCHEDULE

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

KEY NOTE NO. 1:
MFG: DRYVIT SPECIFIED, EQUAL BY STO OR BASF (NO SUBSTITUTES)
SERIES: OUTSLATION PLUS MD
TEXTURE: SANDBLAST
COLOR: DRYVIT "ORAP011030S" STRATOTONE HIGH PERFORMANCE
COLOR STANDARD: SHERWIN WILLIAMS "POSITIVE RED" SW6871 (SHER-CRYL) GLOSS

UNIT MASONRY

KEY NOTE NO. 2A:
TYPE: CONCRETE MASONRY UNIT (CMU)
MFG: (REFER TO PROJECT MANUAL)
SIZE: 8"X8"X16" (NOM.)
TEXTURE: SPLIT FACE
COURSING: RUNNING BOND
FINISH: FIELD PAINT (ACCENT COLOR)
COLOR: SHERWIN WILLIAMS "SOFTER TAN" SW6141 (SEMI-GLOSS)
COATS:
(1) COAT SW "PREPRITE" BLOCK FILLER B25W25 (NO LESS THAN 8 MILS)
AND (2) COATS SW "CONFLX XL" SMOOTH ELASTOMERIC A5-400 (NO LESS THAN 5.7 MILS EACH COAT)

COATS (COLD WEATHER APPLICATIONS):
(1) COAT SW "LOXON BLOCK SURFACER" (NO LESS THAN 8 MILS) AND (2) COATS SW "ULTRACRETE" SOLVENT BORNE SMOOTH B46 (NO LESS THAN 8 MILS EACH COAT OR 16 MILS TOTAL)

KEY NOTE NO. 2B:
TYPE: CONCRETE MASONRY UNIT (CMU)
MFG: (REFER TO PROJECT MANUAL)
SIZE: 8"X8"X16" (NOM.)
TEXTURE: SPLIT FACE
COURSING: RUNNING BOND
FINISH: FIELD PAINT (FIELD COLOR)
COLOR: SHERWIN WILLIAMS "LATTE" SW6108 (SEMI-GLOSS)
COATS:
(1) COAT SW "PREPRITE" BLOCK FILLER B25W25 (NO LESS THAN 8 MILS)
AND (2) COATS SW "CONFLX XL" SMOOTH ELASTOMERIC A5-400 (NO LESS THAN 5.7 MILS EACH COAT)

COATS (COLD WEATHER APPLICATIONS):
(1) COAT SW "LOXON BLOCK SURFACER" (NO LESS THAN 8 MILS) AND (2) COATS SW "ULTRACRETE" SOLVENT BORNE SMOOTH B46 (NO LESS THAN 8 MILS EACH COAT OR 16 MILS TOTAL)

FLASHING AND SHEET METAL

KEY NOTE NO. 3:
TYPE: STANDING SEAM ROOFING SYSTEM
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
COLOR: GALVALUME

KEY NOTE NO. 4:
TYPE: CAP FLASHING AT MASONRY
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

KEY NOTE NO. 5:
TYPE: CAP FLASHING AT EXTERIOR INSULATION FINISH SYSTEM (EIFS)
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: FACTORY PRIMED AND FIELD PAINT
COLOR: SHERWIN WILLIAMS "POSITIVE RED" SW6871 (SHER-CRYL) GLOSS
WITH SHERWIN WILLIAMS THREE COMPONENT (B65T105 / B65V105 / B65C105) CLEAR URETHANE

KEY NOTE NO. 6:
TYPE: GUTTER AND DOWNSPOUTS
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

DOORS AND WINDOWS

KEY NOTE NO. 12:
TYPE: STEEL DOORS AND FRAMES (DOORS NO. 2 AND NO. 7)
MFG: (OWNER FURNISHED / CONTRACTOR INSTALLED)
FINISH: FACTORY PRIMED AND FIELD PAINTED
COLOR: SHERWIN WILLIAMS "LATTE" SW6108 (SEMI-GLOSS)

KEY NOTE NO. 12:
TYPE: SECTIONAL OVERHEAD DOOR (DOOR NO. 3)
MFG: (REFER TO PROJECT MANUAL)
FINISH: FACTORY PRIMED AND FIELD PAINT
COLOR: SHERWIN WILLIAMS "SOFTER TAN" SW6141 (SEMI-GLOSS)

KEY NOTE NO. 13:
TYPE: (REFER TO WINDOW SCHEDULE)
MFG: EFCC, KAWNEER, OR OLD CASTLE (VISTA WALL). (NO SUBSTITUTES)
COLOR: EFCC "IVY", KAWNEER "DARK IVY", VISTA WALL "INTERSTATE GREEN"

PAINTING

KEY NOTE NO. 15:
TYPE: STEEL BOLLARDS (REFER TO CIVIL DRAWINGS)
FINISH: FIELD PRIME AND PAINT
COLOR: SHERWIN WILLIAMS "HUNT CLUB" SW6468 (SEMI-GLOSS)

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- (B) REFER TO CIVIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- (C) REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR SYSTEM TYPES AND ADDITIONAL REQUIREMENTS.
- (D) REFER TO EXTERIOR FINISH SCHEDULE FOR MATERIAL TYPES.
- (E) REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- (F) REFER TO SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.

KEY NOTES

- (1) EXTERIOR INSULATION AND FINISH SYSTEM (EIFS).
- (2A) CONCRETE MASONRY UNIT (CMU) EXTERIOR WALL CONSTRUCTION (ACCENT COLOR). REFER TO PLANS, SECTIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.
- (2B) CONCRETE MASONRY UNIT (CMU) EXTERIOR WALL CONSTRUCTION (FIELD COLOR). REFER TO PLANS, SECTIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.
- (3) PRE-ENGINEERED METAL BUILDING SHEET METAL ROOFING SYSTEM.
- (4) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING (AT MASONRY)
- (5) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING (AT EIFS)
- (6) PRE-ENGINEERED METAL BUILDING SHEET METAL GUTTER AND DOWNSPOUT SYSTEM.
- (7) CONCRETE MASONRY UNIT (CMU) CORNER FINISHED JAMB UNIT.
- (8) LINE OF ROOF BEYOND WITH 1/4":12" SLOPE MINIMUM.
- (9) SURFACE MOUNTED SIGN OWNER FURNISHED AND INSTALLED. PROVIDE BACKING FOR MOUNTING AND ROUGH-IN ELECTRICAL COORDINATE REQUIREMENTS WITH OWNER. REFER TO SHEET S62.1.
- (10) BUILDING ADDRESS NUMBERS IN 6" HIGH HELVETICA WHITE VINYL ADHERED TO EXTERIOR FACE OF GLAZING.
- (11) (NOT USED).
- (12) EXTERIOR DOOR AND FRAME SYSTEM. REFER TO FLOOR PLAN AND DOOR SCHEDULE FOR TYPES.
- (13) EXTERIOR WINDOW SYSTEM. REFER TO FLOOR PLAN AND WINDOW SCHEDULE FOR TYPES.
- (14) APPROXIMATE LINE OF FOUNDATION, REFER TO STRUCTURAL DRAWINGS.
- (15) STEEL BOLLARDS, REFER TO CIVIL AND STRUCTURAL DRAWINGS.
- (16) HOSE BIB, REFER TO PLUMBING DRAWINGS.
- (17) LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- (18) (NOT USED).
- (19) MECHANICAL ROOF TOP UNIT, REFER TO MECHANICAL DRAWINGS.
- (20) MECHANICAL WALL PENETRATIONS, REFER TO MECHANICAL DRAWINGS. PROVIDE FRAMING, FLASHING, AND SEALANT AS REQUIRED.
- (21) PLUMBING ROOF VENT, REFER TO PLUMBING DRAWINGS AND DETAIL 1/A6.1.
- (22) CONCRETE SPLASH BLOCK INSTALL AT EACH DOWNSPOUT.
- (23) MASONRY CONTROL JOINT, REFER TO STRUCTURAL DRAWINGS. PROVIDE SEALANT OVER 1/2" DIAMETER FOAM BACKER ROD.
- (24) RUSTICATION JOINT, REFER TO DETAIL 6/A3.2.



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SHEET TITLE:
EXTERIOR ELEVATIONS

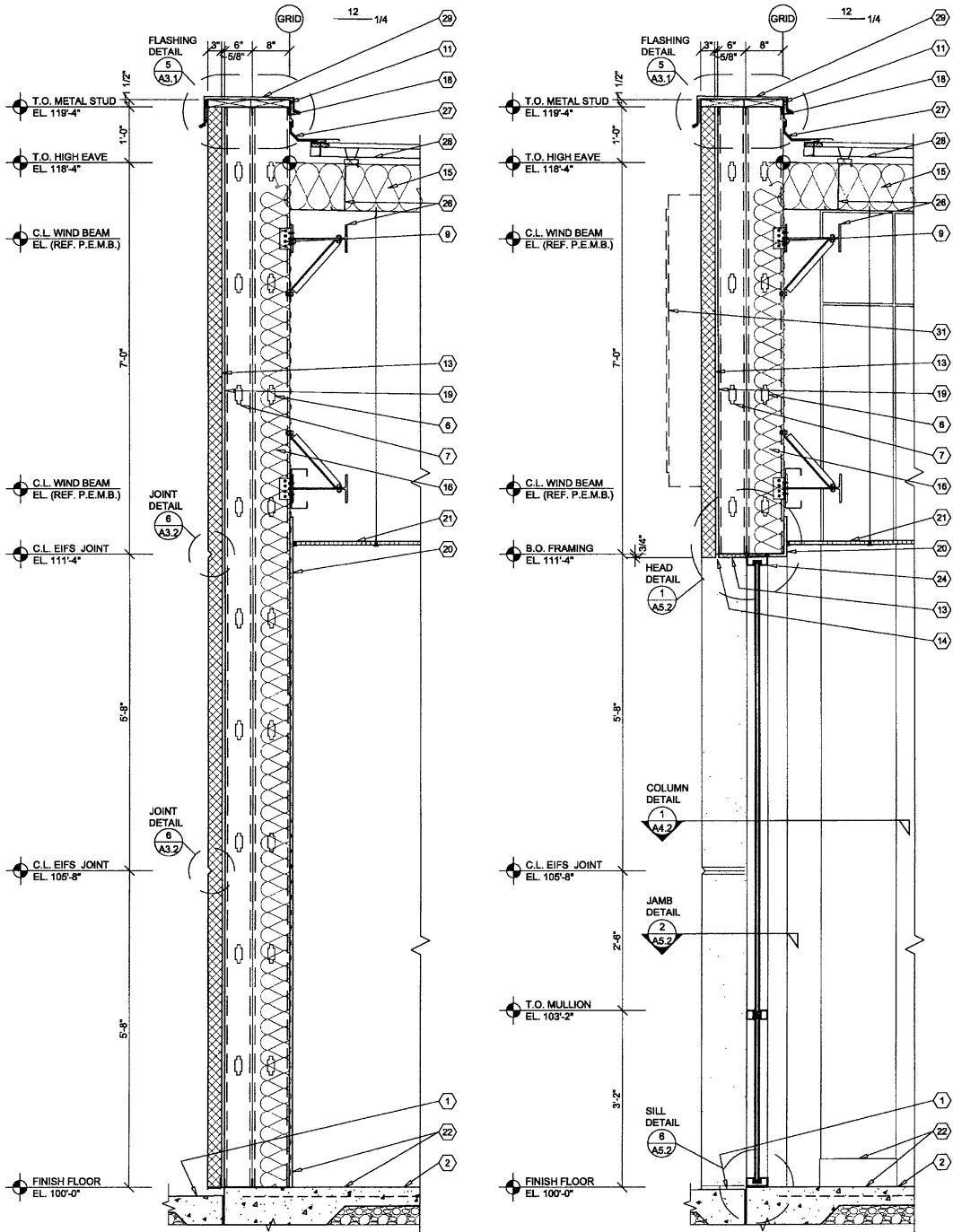
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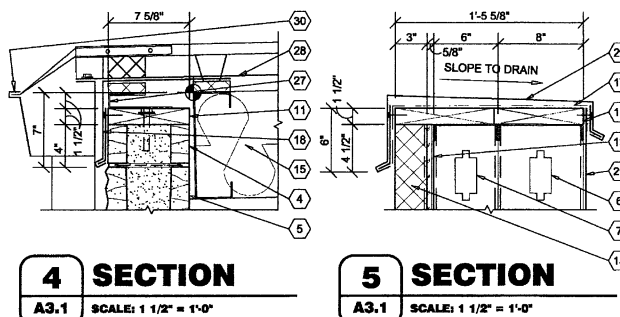
SHEET 3 OF 10



1 WALL SECTION
A3.1 SCALE: 3/4" = 1'-0"

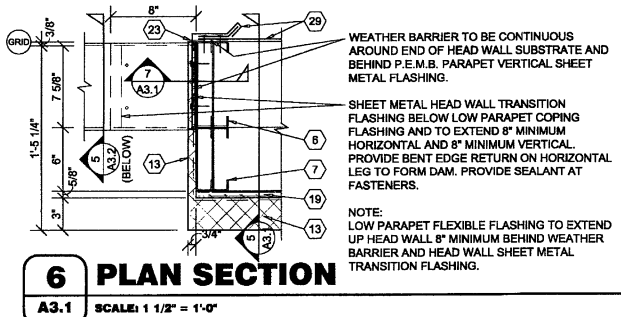
2 WALL SECTION
A3.1 SCALE: 3/4" = 1'-0"

3 WALL SECTION
A3.1 SCALE: 3/4" = 1'-0"

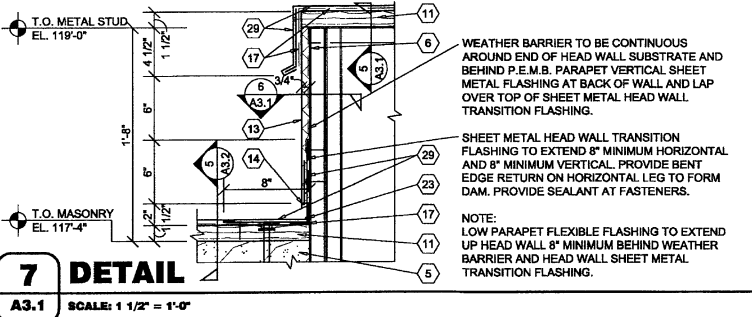


4 SECTION
A3.1 SCALE: 1 1/2" = 1'-0"

5 SECTION
A3.1 SCALE: 1 1/2" = 1'-0"



6 PLAN SECTION
A3.1 SCALE: 1 1/2" = 1'-0"



7 DETAIL
A3.1 SCALE: 1 1/2" = 1'-0"

NOTE:
FOR TYPICAL EXTERIOR
WALL CONSTRUCTION
NOTATION, REFER

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL AND SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- (B) REFER TO CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND PRE-ENGINEERED METAL BUILDING (P.E.M.B.) SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- (C) REFER TO INTERIOR AND EXTERIOR FINISH SCHEDULES FOR MATERIAL TYPES, COLORS AND FINISHES.
- (D) DIMENSIONS ARE TO FACE OF CONCRETE, MASONRY, FRAMING, OR CENTER LINE OF STRUCTURE UNLESS OTHERWISE INDICATED.

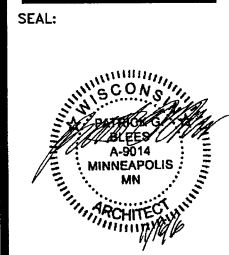
KEY NOTES

- (1) FINISH LAWN, PAVEMENT OR SIDEWALK, SLOPE TO DRAIN AWAY FROM BUILDING. REFER TO CIVIL DRAWINGS.
- (2) CONCRETE FLOOR SLAB. REFER TO STRUCTURAL DRAWINGS.
- (3) SPLIT FACE CONCRETE MASONRY UNIT (CMU), (7 5/8" X 7 5/8" X 15 5/8") IN RUNNING BOND WITH HORIZONTAL REINFORCEMENT AT 16" O.C. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS. PROVIDE CORNER, JAMB AND SPECIAL UNITS WHERE REQUIRED. REFER TO EXTERIOR ELEVATIONS FOR CONTROL JOINT LOCATIONS AND FINISH SCHEDULE.
- (4) SMOOTH FACE CONCRETE MASONRY UNIT (CMU), (7 5/8" X 7 5/8" X 15 5/8") IN RUNNING BOND W/ HORIZONTAL REINFORCEMENT AT 16" O.C. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.
- (5) CONCRETE MASONRY UNIT (CMU) BOND BEAM, REFER TO STRUCTURAL DRAWING FOR REINFORCEMENT REQUIREMENTS. PROVIDE SMOOTH FACE UNITS AT EXTERIOR WALL TOP COURSES.
- (6) 8" COLD FORM METAL STUD FRAMING AT 24" O.C.
- (7) 6" COLD FORM METAL STUD FRAMING AT 24" O.C.
- (8) 6" (18 GA.) COLD FORM METAL STUD FRAMING AT 24" O.C. ATTACHED TO PRE-ENGINEERED METAL BUILDING STRUCTURAL FRAMING SYSTEM.
- (9) COLD FORM METAL STUD FRAMING CLIP, REFER TO STRUCTURAL DRAWINGS.
- (10) 1 1/2" (25 GA.) COLD FORM METAL Z-FURRING FRAMING AT 24" O.C. AND POLYISOCYANURATE (R-9 MIN.) RIGID INSULATION BOARD WITH FOIL FACE VAPOR BARRIER.
- (11) FIRE TREATED 2X NAILER(S) CONTINUOUS. CUT TO FIT WALL WIDTH. ATTACHED TO METAL STUD FRAMING WITH #12 SCREWS AT 24" O.C. STAGGERED. ATTACHED TO CMU BOND BEAM WITH 1/2" DIA. ANCHORS AT 32" O.C.
- (12) FIRE TREATED 2X NAILER OR BLOCKING.
- (13) EXTERIOR INSULATION FINISH SYSTEM (EIFS) OVER RIGID INSULATION DRAINAGE BOARD IN THICKNESS INDICATED.
- (14) EXTERIOR INSULATION FINISH SYSTEM (EIFS) DRIP.
- (15) PRE-ENGINEERED METAL BUILDING ROOF INSULATION (R-36) LINER SYSTEM, (REFER TO SCOPE OF WORK SCHEDULE). VAPOR BARRIER OVER HIGH STRENGTH STEEL SUSPENSION STRAPS ATTACHED TO BOTTOM OF PRE-ENGINEERED METAL BUILDING ROOF PURLINS WITH (1) LAYER 8" (R-25) UN-FACED BATT INSULATION PARALLEL WITH PURLIN CAVITY AND (1) LAYER 3 1/2" (R-11) UN-FACED BATT INSULATION PERPENDICULAR OVER TOP OF ROOF PURLINS.
- (16) 6" (R-19) BATT INSULATION WITH FOIL FACE VAPOR BARRIER.
- (17) FLEXIBLE FLASHING CONTINUOUS TO LAP OVER NAILERS AND DOWN BEHIND CONTINUOUS CLEATS ON BOTH SIDES. LAP JOINTS 8" MINIMUM AND MASTIC.
- (18) SHEET METAL (24 GA.) FLASHING, COUNTER FLASHING, EDGES, DRIPS, TRIM, CLEATS AND ACCESSORIES.
- (19) 5/8" EXTERIOR FIBERGLASS REINFORCED SHEATHING WITH CONTINUOUS WEATHER BARRIER. REFER TO STRUCTURAL DRAWINGS FOR ATTACHMENT REQUIREMENTS.
- (20) 5/8" TYPE "X" GYPSUM BOARD. REFER TO INTERIOR WALL TYPES FOR ADDITIONAL REQUIREMENTS.
- (21) SUSPENDED ACOUSTICAL LAY - IN CEILING SYSTEM. REFER TO INTERIOR FINISH SCHEDULE FOR TYPES AND LOCATIONS.
- (22) FLOORING AND BASE. REFER TO INTERIOR FINISH SCHEDULE FOR TYPES AND LOCATIONS.
- (23) SEALANT WITH BACKER ROD (WHERE REQUIRED) TYPICAL AT OPENING PERIMETER JOINTS.
- (24) ALUMINUM WINDOW SYSTEM. REFER TO FLOOR PLAN AND WINDOW SCHEDULES FOR TYPES.
- (25) DOOR AND FRAME SYSTEM, REFER TO FLOOR PLAN AND SCHEDULES FOR TYPES.
- (26) PRE-ENGINEERED METAL BUILDING PRIMARY AND SECONDARY STRUCTURAL FRAMING SYSTEMS.
- (27) PRE-ENGINEERED METAL BUILDING TRANSITION SUPPORT PLATE ASSEMBLY.
- (28) PRE-ENGINEERED METAL BUILDING ROOF PANEL SYSTEM WITH THERMAL SPACER BLOCKS (R-5 MIN.).
- (29) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING, COUNTER - FLASHING, CONTINUOUS CLEATS, DRIPS CLOSURES, TRANSITIONS, COPINGS AND ACCESSORIES AS REQUIRED.
- (30) PRE-ENGINEERED METAL BUILDING GUTTER AND DOWNSPOUT SYSTEM, REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS. REFER TO P.E.M.B. SHOP DRAWINGS FOR SIZES. PROVIDE CONCRETE SPLASH BLOCKS UNLESS OTHERWISE INDICATED.
- (31) SURFACE MOUNTED WALL SIGN, OWNER FURNISHED AND INSTALLED. (REFER TO SCOPE OF WORK SCHEDULE), PROVIDE BACKING AND ELECTRICAL ROUGH-IN, REFER TO ELECTRICAL DRAWINGS.
- (32) RECESSED LIGHTING FIXTURE, REFER TO ELECTRICAL DRAWINGS FOR TYPE AND LOCATION.

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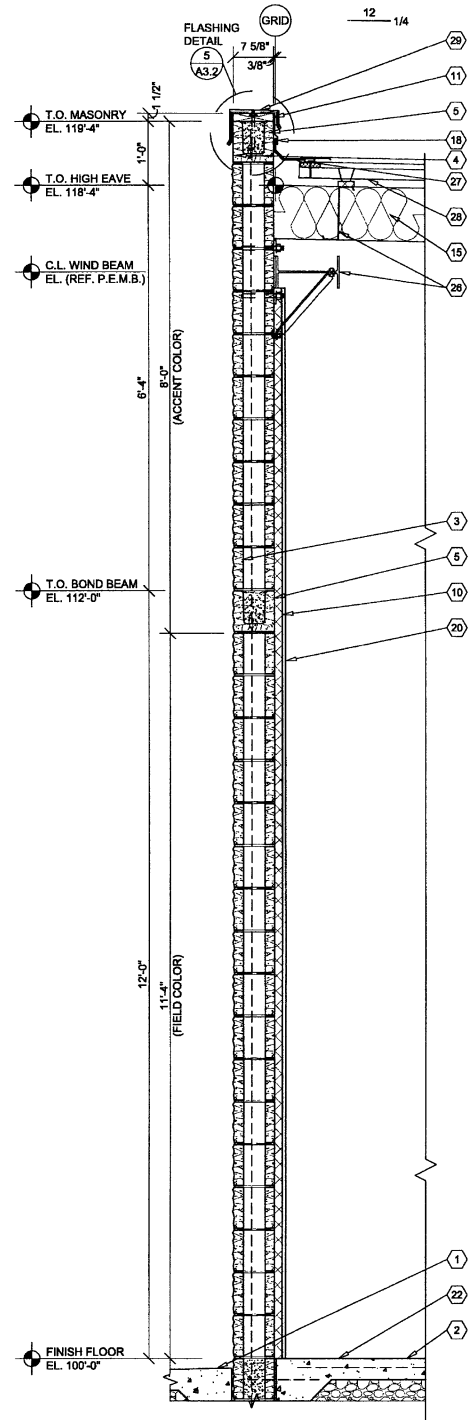
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REVISIONS:

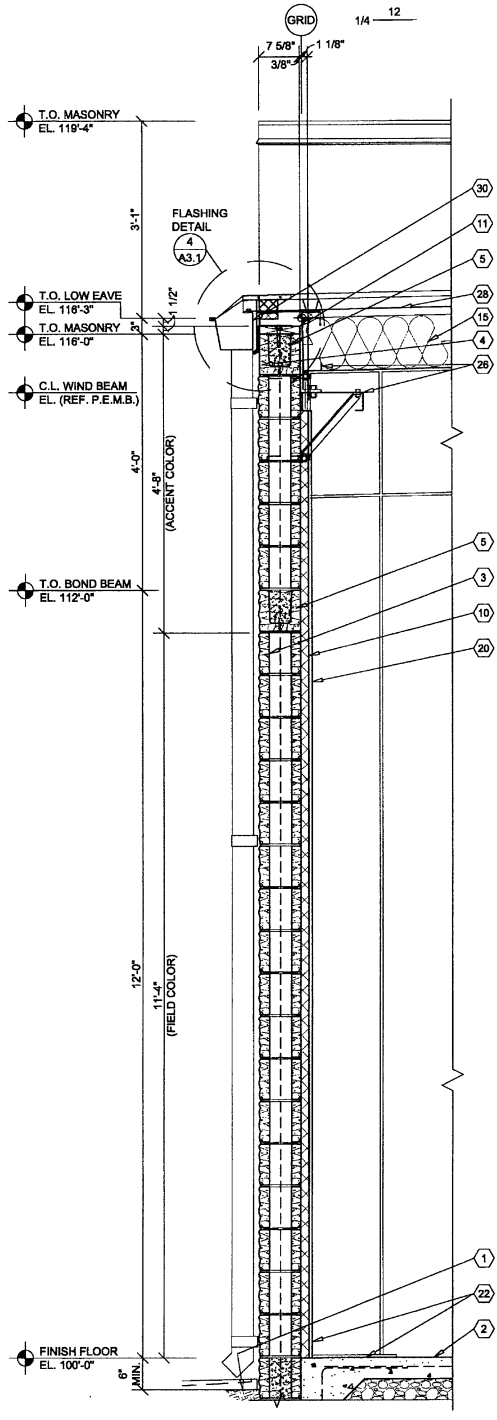
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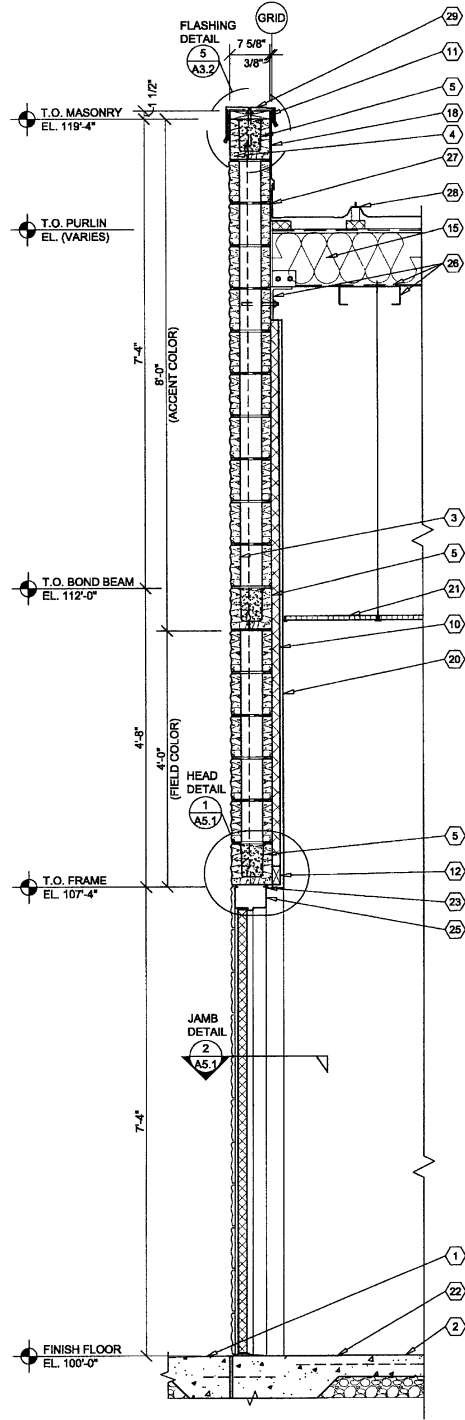
A3.1
SHEET 4 OF 10



1 WALL SECTION
A3.2 SCALE: 3/4\"/>

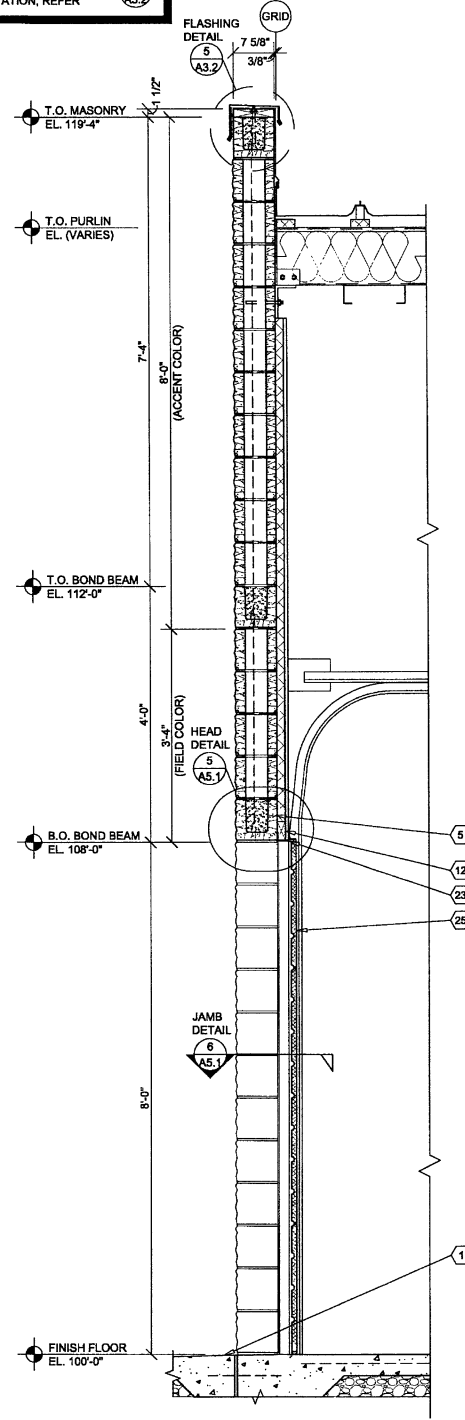


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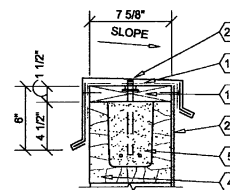


3 WALL SECTION
A3.2 SCALE: 3/4\"/>

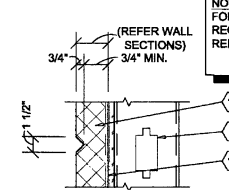
NOTE:
FOR TYPICAL EXTERIOR
WALL CONSTRUCTION
NOTATION, REFER



4 WALL SECTION
A3.2 SCALE: 3/4\"/>



5 SECTION
A3.2 SCALE: 1 1/2\"/>



6 SECTION
A3.2 SCALE: 1 1/2\"/>

GENERAL NOTES

- REFER TO PROJECT MANUAL AND SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- REFER TO CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND PRE-ENGINEERED METAL BUILDING (P.E.M.B.) SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- REFER TO INTERIOR AND EXTERIOR FINISH SCHEDULES FOR MATERIAL TYPES, COLORS AND FINISHES.
- DIMENSIONS ARE TO FACE OF CONCRETE, MASONRY, FRAMING, OR CENTER LINE OF STRUCTURE UNLESS OTHERWISE INDICATED.

KEY NOTES

- FINISH LAWN, PAVEMENT OR SIDEWALK, SLOPE TO DRAIN AWAY FROM BUILDING. REFER TO CIVIL DRAWINGS.
- CONCRETE FLOOR SLAB. REFER TO STRUCTURAL DRAWINGS.
- SPLIT FACE CONCRETE MASONRY UNIT (CMU), (7 5/8\"/>

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10.14.16
DATE ISSUED
A-9014
REG. NO.

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712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:

WALL SECTIONS

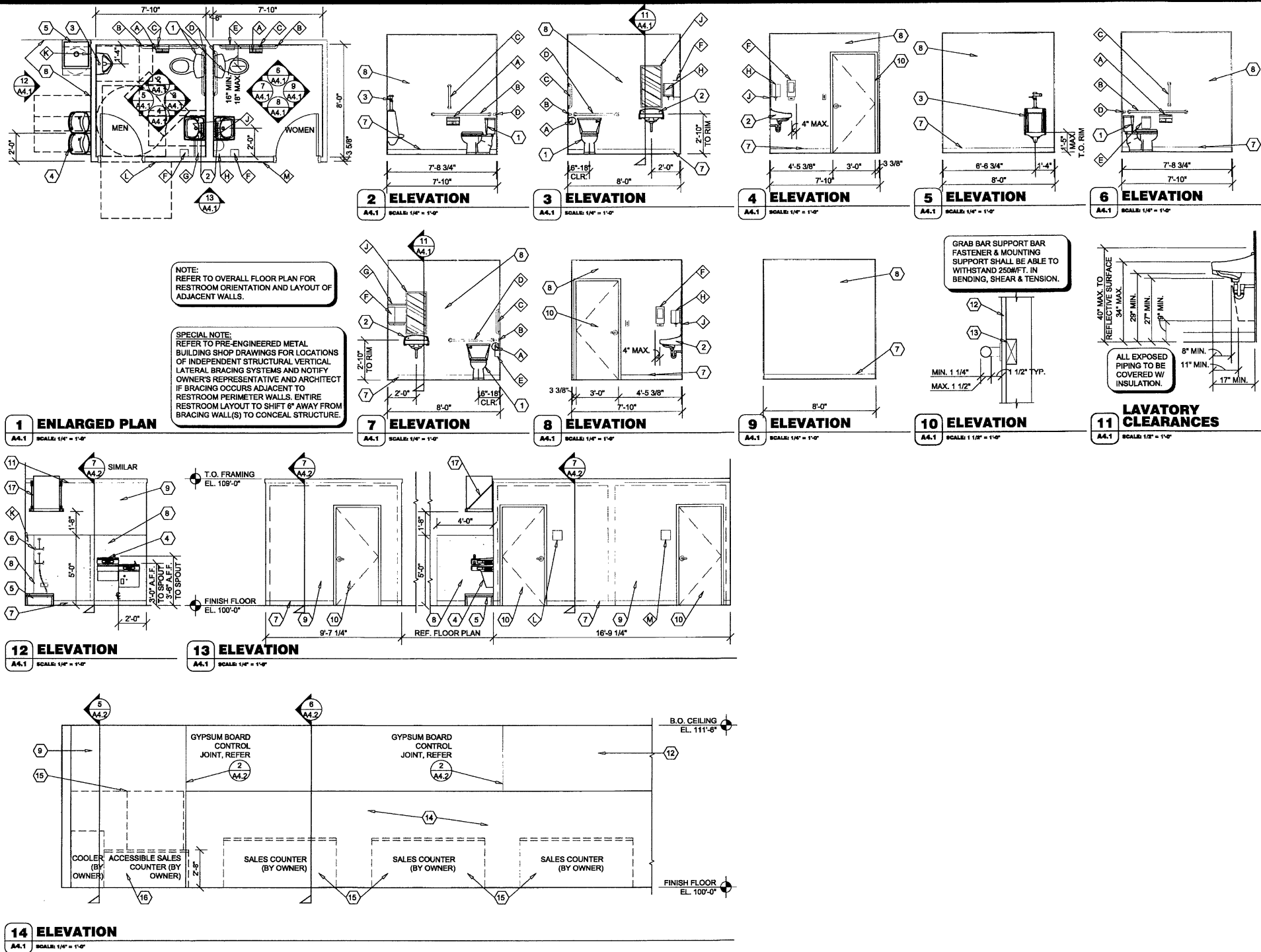
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NO.	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO

A3.2

SHEET 5 OF 10



GENERAL NOTES

- A REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B LAYOUT DIMENSIONS OF PLUMBING FIXTURES AND ACCESSORIES TO FACE OF GYPSUM BOARD OR CENTER LINE OF FIXTURE. LAYOUT DIMENSIONS OF WALLS AND CEILINGS TO ROUGH FACE OF FRAMING, MASONRY, OR CENTER LINE OF STRUCTURE. ALL GYPSUM BOARD 5/8" THICK UNLESS OTHERWISE INDICATED AND DIMENSIONS NOT SHOWN FOR CLARITY.
- C REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES AND ADDITIONAL REQUIREMENTS. PROVIDE ADDITIONAL COLD FORM METAL FRAMING OR FIRE TREATED BLOCKING AS REQUIRED FOR PROPER SUPPORT.
- D REFER TO INTERIOR FINISH SCHEDULES FOR MATERIAL FINISH TYPES AND LOCATIONS.
- E ALL EXPOSED PIPING BELOW SINKS TO BE COVERED WITH INSULATION.

KEY NOTES

- 1 WATER CLOSET. ACCESSIBLE FIXTURE HEIGHT TO TOP OF SEAT TO BE 17" MINIMUM AND 19" MAXIMUM A.F.F.. ACCESSIBLE FIXTURE FLUSH CONTROLS TO BE ON WIDE SIDE OF TOILET.
- 2 WALL HUNG LAVATORY.
- 3 WALL HUNG URINAL. MOUNT RIM 1'-5" MAXIMUM ABOVE FINISH FLOOR.
- 4 HIGH / LOW DRINKING FOUNTAIN WITH CANE GUARD.
- 5 FLOOR MOUNTED JANITOR SINK.

KEY NOTES

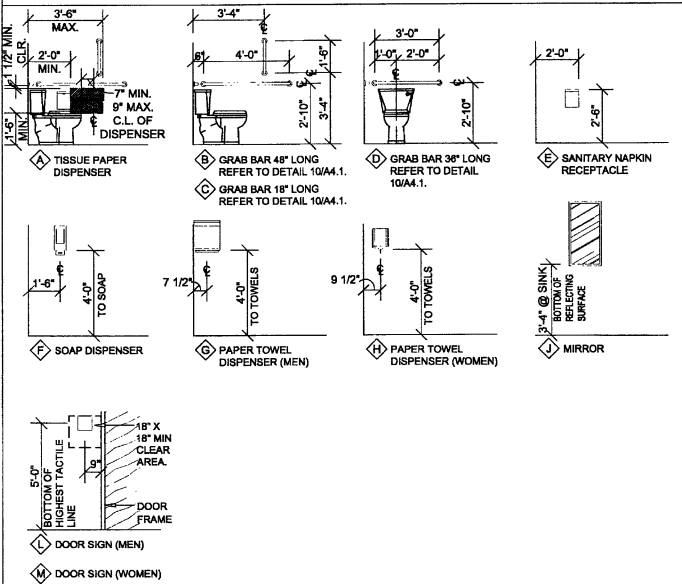
- 6 EYE WASH STATION. INSTALL WITH TOP AT 48" ABOVE FINISH FLOOR.
- 7 BASE, REFER TO FINISH SCHEDULE.
- 8 SANITARY WALL PANEL SYSTEM, REFER TO FINISH SCHEDULE. PROVIDE TRIM AND EDGE MOLDING AROUND PERIMETER. ATTACH TO SUBSTRATE AS REQUIRED.
- 9 PAINT, REFER TO FINISH SCHEDULE.
- 10 DOOR, REFER TO DOOR AND FINISH SCHEDULES.
- 11 WOOD TRIM, PAINT.
- 12 WALL CONSTRUCTION, REFER TO FLOOR PLAN FOR TYPES.
- 13 FIRE TREATED 2X WOOD BLOCKING.
- 14 WALL OPENING TO BEYOND, REFER TO FLOOR PLAN.
- 15 OWNER FURNISHED AND INSTALLED FURNISHING, SHELVING, OR FIXTURE. FOR REFERENCE ONLY (N.I.C.).
- 16 OWNER FURNISHED AND INSTALLED ACCESSIBLE CUSTOMER SERVICE COUNTER TO COMPLY WITH ACCESSIBILITY REQUIREMENTS. FOR REFERENCE ONLY (N.I.C.).
- 17 WALL MOUNTED WATER HEATER AND SUPPORT PLATFORM, REFER TO PLUMBING DRAWINGS. PROVIDE FIRE TREATED BLOCKING OR ADDITIONAL COLD FORM FRAMING AS REQUIRED FOR INSTALLATION.

ACCESSORY SCHEDULE

MX	DESCRIPTION	MANUFACTURER	SERIES / MODEL	MOUNTING LOCATION	ACCESSORY NOTES
A	TISSUE PAPER DISPENSER	GEORGIA PACIFIC	COMPACT 56783	REFER PLANS, ELEVATIONS, LEGEND	NOTE 2
B	GRAB BAR	BOBRICK	B6806 x 48"	REFER PLANS, ELEVATIONS, LEGEND	
C	GRAB BAR	BOBRICK	B6806 x 18"	REFER PLANS, ELEVATIONS, LEGEND	
D	GRAB BAR	BOBRICK	B6806 x 36"	REFER PLANS, ELEVATIONS, LEGEND	
E	SANITARY NAPKIN RECEPTACLE	BOBRICK	B-270	REFER PLANS, ELEVATIONS, LEGEND	WOMEN'S RESTROOM ONLY
F	SOAP DISPENSER	GOJO	PRO 2000	REFER PLANS, ELEVATIONS, LEGEND	NOTE 2
G	PAPER TOWEL DISPENSER (MEN)	GEORGIA PACIFIC	59460	REFER PLANS, ELEVATIONS, LEGEND	NOTE 2
H	PAPER TOWEL DISPENSER (WOMEN)	GEORGIA PACIFIC	SOFPULL 52409	REFER PLANS, ELEVATIONS, LEGEND	NOTE 2
I	MIRROR	BOBRICK	B-165-1836 18" W X 36" H	REFER PLANS, ELEVATIONS, LEGEND	
J	MOP HANGER	REFER TO PLUMBING DRAWINGS	REFER TO PLUMBING DRAWINGS	60" A.F.F. TO CENTER	REFER TO PLUMBING DRAWINGS
K	DOOR SIGN (MEN)	ROCKWOOD	BF687	REFER PLANS, ELEVATIONS, LEGEND	WHITE TEXT ON BLACK BACKGROUND
L	DOOR SIGN (WOMEN)	ROCKWOOD	BF688	REFER PLANS, ELEVATIONS, LEGEND	WHITE TEXT ON BLACK BACKGROUND

ACCESSORY GENERAL NOTES:
1. CONTRACTOR TO PROVIDE FIRE TREATED WOOD BLOCKING FOR INSTALLATION OF TOILET ACCESSORIES, INCLUDING OWNER FURNISHED AND CONTRACTOR INSTALLED ACCESSORIES. COORDINATE REQUIREMENTS WITH OWNER.
2. ACCESSORY OWNER FURNISHED AND CONTRACTOR INSTALLED. REFER TO SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.

ACCESSORY MOUNTING LEGEND



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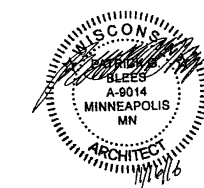
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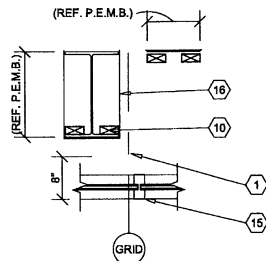
Reilly AUTO PARTS
712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:
INTERIOR ELEVATIONS

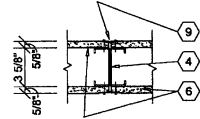
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NO:	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO

A4.1
SHEET 6 OF 10

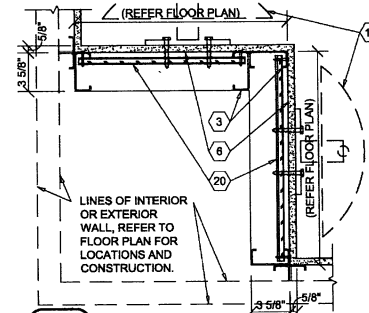


1
COLUMN
DETAIL
A4.2 SCALE: 3/4" = 1'-0"

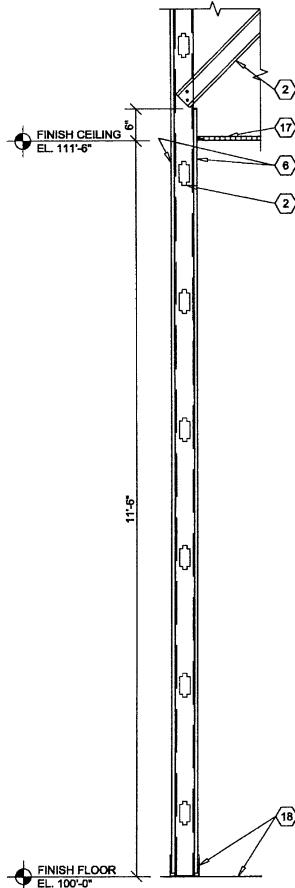


2
GYPSUM BOARD
C.J. DETAIL
A4.2 SCALE: 1 1/2" = 1'-0"

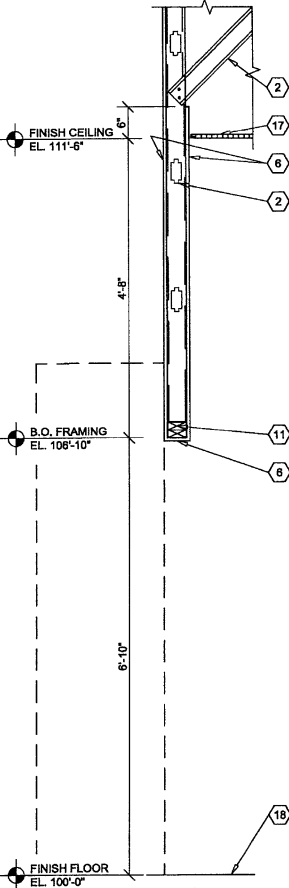
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NOT USED
A4.2



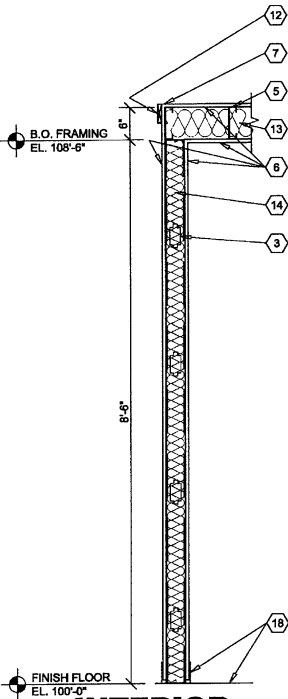
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FRAMING DETAIL
A4.2 SCALE: 1 1/2" = 1'-0"



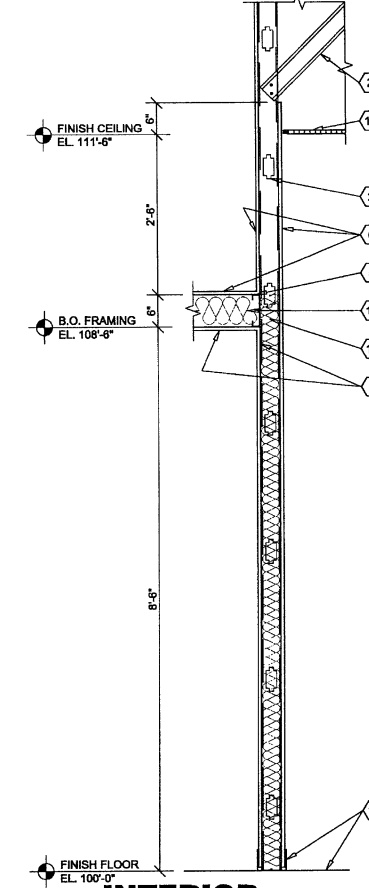
5
INTERIOR
WALL SECTION
A4.2 SCALE: 3/4" = 1'-0"



6
INTERIOR
WALL SECTION
A4.2 SCALE: 3/4" = 1'-0"



7
INTERIOR
WALL SECTION
A4.2 SCALE: 3/4" = 1'-0"



8
INTERIOR
WALL SECTION
A4.2 SCALE: 3/4" = 1'-0"

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- (B) DIMENSIONS ARE TO ROUGH FACE OF CONCRETE, MASONRY, FRAMING, OR CENTER LINE OF STRUCTURE UNLESS OTHERWISE INDICATED.
- (C) REFER TO INTERIOR FINISH SCHEDULES FOR MATERIAL TYPES, COLORS AND FINISHES.

KEY NOTES

- (1) PRE-ENGINEERED METAL BUILDING STRUCTURAL STEEL COLUMN, REFER TO P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS. PAINT (WHERE INDICATED).
- (2) 3 5/8" COLD FORM METAL FRAMING ATTACHED TO ROOF STRUCTURE, REFER TO STRUCTURAL DRAWINGS FOR FRAMING REQUIREMENTS.
- (3) 3 5/8" (20 GA.) COLD FORM METAL FRAMING AT 24" O.C., REFER TO INTERIOR WALL TYPES FOR ADDITIONAL REQUIREMENTS.
- (4) 3 5/8" COLD FORM METAL STUDS DOUBLED AT CONTROL JOINT.
- (5) 6" (20 GA.) COLD FORM METAL JOIST FRAMING AT 24" O.C..
- (6) 5/8" TYPE "X" GYPSUM BOARD. REFER TO INTERIOR WALL TYPES AND FOR ADDITIONAL REQUIREMENTS.
- (7) GYPSUM BOARD CORNER BEAD CONTINUOUS.
- (8) GYPSUM BOARD "J" MOLDING CONTINUOUS.
- (9) GYPSUM BOARD CONTIGUES ONE PIECE VEE-SHAPED SLOT CONTROL JOINT (1 1/4" X 7/16") AT BOTH SIDES OF WALL.
- (10) FIRE TREATED 2X NAILERS OR BLOCKING.
- (11) (2) FIRE TREATED 2X NAILERS.
- (12) 1X4 WOOD TRIM (PAINT GRADE PINE) ATTACHED TO METAL STUD FRAMING WITH TECH 12 SCREWS AT 24" O.C. SET FLUSH. PAINT EXPOSED SURFACES TO MATCH WALL FINISH.
- (13) 8" UNFACED SOUND BATT INSULATION.
- (14) 3 1/2" UNFACED SOUND BATT INSULATION.
- (15) ALUMINUM WINDOW SYSTEM, REFER TO FLOOR PLAN AND WINDOW SCHEDULE FOR TYPES.
- (16) PRE-FINISHED SHEET METAL (24 GA.) COLUMN ENCLOSURE TO EXTEND THRU FINISH CEILING SYSTEM, COLOR TO MATCH WINDOW FRAMING FINISH. NO EXPOSED HORIZONTAL SEAMS PERMITTED.
- (17) SUSPENDED ACOUSTICAL CEILING SYSTEM, REFER TO INTERIOR FINISH SCHEDULE FOR TYPES AND LOCATIONS.
- (18) FINISH FLOORING AND BASE, REFER TO INTERIOR FINISH SCHEDULE FOR TYPES AND LOCATIONS.
- (19) OWNER FURNISHED AND INSTALLED FUTURE, REFER TO INTERIOR FINISH PLAN FOR LAYOUT. (REFER TO SCOPE OF WORK SCHEDULE.)
- (20) 5/8" FIRE TREATED PLYWOOD BACKING TO BACK SIDE OF STUD INTERIOR FLANGE ON EACH EXPOSED WALL FACE FROM 8'-0" TO 10'-0" A.F.F. FOR INSTALLATION OF SECURITY MIRRORS (OWNER FURNISHED AND INSTALLED).

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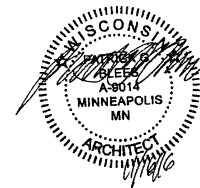
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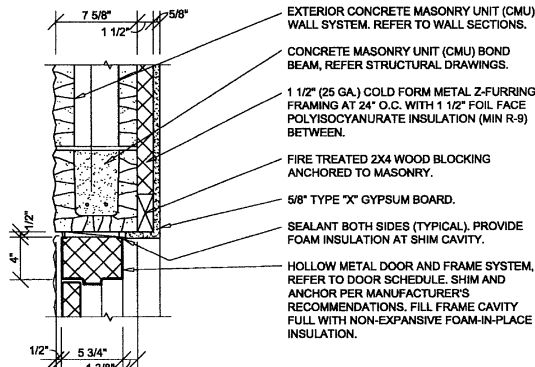
O'Reilly AUTO PARTS
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SHEET TITLE:
INTERIOR SECTIONS
AND DETAILS

REVISIONS:		
NO.	DATE:	BY:

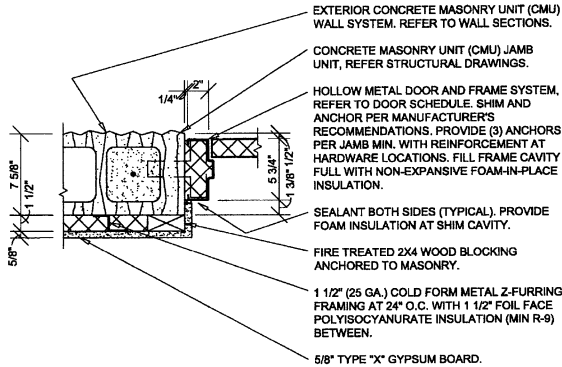
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A4.2
SHEET 7 OF 10



1 HEAD DETAIL

A5.1 SCALE: 1 1/2" = 1'-0"



2 JAMB DETAIL

A5.1 SCALE: 1 1/2" = 1'-0"

NOTE:
FOR TYPICAL EXTERIOR
WALL CONSTRUCTION
NOTATION, REFER

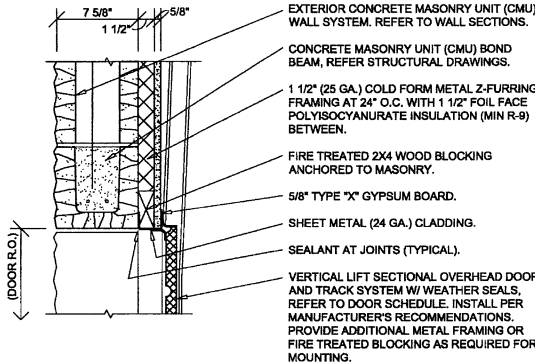
1
A5.1

NOTE:
FOR TYPICAL EXTERIOR
WALL CONSTRUCTION
NOTATION, REFER

2
A5.1

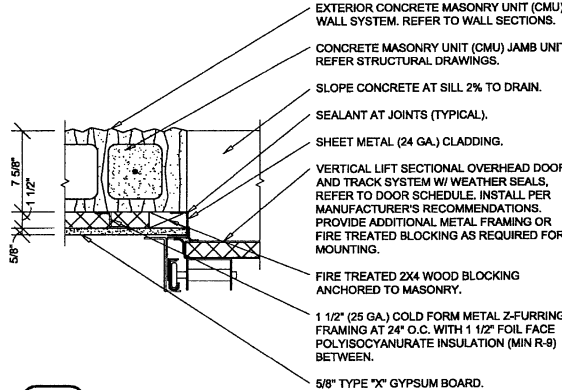
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A5.1 SCALE: 1 1/2" = 1'-0"



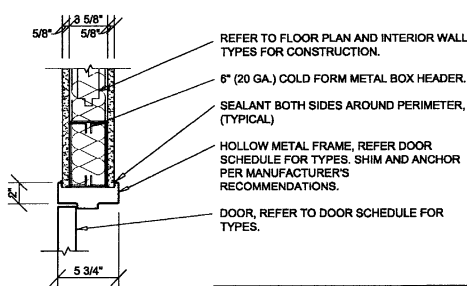
4 JAMB DETAIL

A5.1 SCALE: 1 1/2" = 1'-0"



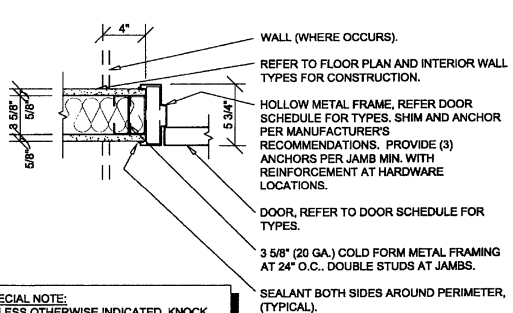
5 HEAD DETAIL

A5.1 SCALE: 1 1/2" = 1'-0"



6 JAMB DETAIL

A5.1 SCALE: 1 1/2" = 1'-0"



7 HEAD DETAIL

A5.1 SCALE: 1 1/2" = 1'-0"

8 JAMB DETAIL

A5.1 SCALE: 1 1/2" = 1'-0"

DOOR SCHEDULE

MK	DOOR				DOOR HARDWARE			FRAME			DETAILS			FIRE RATING	REMARKS (REFER NOTES)
	SIZE (W x H x D)	TYPE	SWING	MATERIAL	GLAZ TYPE	SET #	KEYED	TYPE	MATERIAL	HEAD WIDTH	HEAD	JAMB	SILL		
1	3'-0" X 7'-0" X 1-3/4"	A	REFER TO FLOOR PLAN	ALUMINUM	1	1	A	1	ALUMINUM		4/A5.2	4/A5.2	5/A5.2		1, 2
1A	3'-0" X 7'-0" X 1-3/4"	A	REFER TO FLOOR PLAN	ALUMINUM	1	7		1	ALUMINUM		4/A5.2	4/A5.2	5/A5.2		1, 2
2	3'-0" X 7'-0" X 1-3/4"	B	REFER TO FLOOR PLAN	INSULATED METAL		2	A	2	INSULATED METAL	4"	1/A5.1	2/A5.1	5/A5.2 SIM.		1, 2, 3
3	6'-0" X 8'-0"	D	SECTIONAL OVERHEAD	INSULATED METAL		3			MANUFACTURER'S STANDARDS		5/A5.1	6/A5.1			1
4	3'-0" X 7'-0" X 1-3/4"	C	REFER TO FLOOR PLAN	SOLID WOOD		4		2	HOLLOW METAL		7/A5.1	8/A5.1			1, 4
5	3'-0" X 7'-0" X 1-3/4"	C	REFER TO FLOOR PLAN	SOLID WOOD		5		2	HOLLOW METAL		7/A5.1	8/A5.1			1, 4
6	3'-0" X 7'-0" X 1-3/4"	C	REFER TO FLOOR PLAN	SOLID WOOD		5		2	HOLLOW METAL		7/A5.1	8/A5.1			1, 4
7	3'-0" X 7'-0" X 1-3/4"	B	REFER TO FLOOR PLAN	INSULATED METAL		6		2	INSULATED METAL	4"	3/A5.1	4/A5.1	5/A5.2 SIM.		1, 3

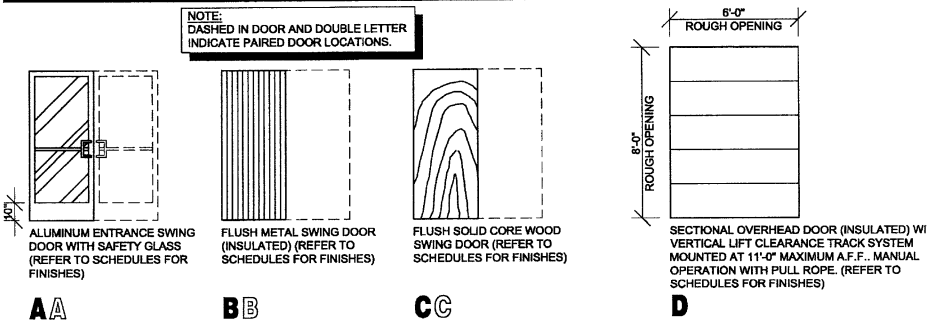
NOTES:
1. ALL DOORS SHALL BE SHOP PREPARED FOR HARDWARE.
2. ALL EXTERIOR DOORS TO BE KEYED ALIKE. CONTRACTOR TO FIELD VERIFY AND MATCH CORE OF DOOR MARKED "2".
3. EXTERIOR DOOR, FRAME AND HARDWARE OWNER FURNISHED AND CONTRACTOR INSTALLED. REFER TO SCOPE OF WORK SCHEDULE.
4. CONTRACTOR'S OPTION TO PURCHASE INTERIOR DOORS, FRAMES, AND HARDWARE THROUGH PREFERRED VENDOR. REFER TO SCOPE OF WORK SCHEDULE.

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PHONE: 800-867-4307 EXT 133
FAX 859-861-5499
EMAIL: construction@locknet.com

SPECIAL NOTE:
UNLESS OTHERWISE INDICATED, KNOCK
DOWN (KD) TYPE DOOR FRAMES ARE NOT
PERMITTED.

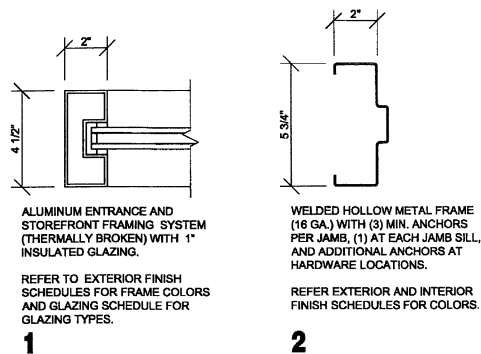
DOOR TYPES

(SCALE 1/4" = 1'-0")



FRAME TYPES

(SCALE 3" = 1'-0")



DOOR HARDWARE SCHEDULE

HARDWARE NOTES:
1. ALL HARDWARE TO BE ADA AND ANSI COMPLIANT.
2. VERIFY COMPATIBILITY OF HARDWARE SPECIFIED. NOTIFY ARCHITECT OF INCOMPATIBILITY ISSUES PRIOR TO ORDERING AND INSTALLATION.

SET NO. 1 (DR. 1)
1 CYLINDER: 20-062 X US26D - "E" KEYWAY (REMOVABLE CORE)..... SCHLAGE
(FOLLOWING REQUIRED HARDWARE FURNISHED WITH WINDOW FRAMING DOOR SYSTEM)
1 PAIR OFFSET PIVOTS: 195/188 X US26D..... RIXON
1 DEADLOCK: M51850S X US28..... ADAMS RITE
1 DEADLOCK LEVER: 4550 X US28..... ADAMS RITE
1 STRIKE: M54002 X US28..... ADAMS RITE
1 SET PUSH/PULLS: 86-151 ULTRALINE W/ OFFSET PULL X US26D..... EFCO
1 CLOSER: 4041-3077-181J-TB X AL (ADJ. TO 8.5 LBS.)..... LCN
1 SET PERIMETER GASKETS: POLYMERIC BULB X LENGTH REQUIRED..... PEMKO
1 SWEEP: 345AP X LENGTH REQUIRED..... PEMKO
1 THRESHOLD: 270A X LENGTH REQUIRED (OFFSET PIVOT COMPATIBLE)..... PEMKO
(ANSI & ADA COMPLIANT)..... PEMKO

SET NO. 2 (DR. 2)
1 CONTINUOUS HINGE: 780-112HD X LENGTH REQUIRED X US28..... HAGER
1 CYLINDER: 20-067 X US26D - "E" KEYWAY (REMOVABLE CORE)..... SCHLAGE
PROVIDE (2) SECURITY KEYS, (1) CORE KEY, (1) BITTED
1 EXIT PANIC LOCK: 8300B X 486 X 689 - PRT03 X 630 (THROUGH SEX BOLT MOUNTING)..... DORMA
1 CLOSER: 8616DST X COV X SNB1 X 689 (ADJ. TO 8.5 LBS.) (THROUGH SEX BOLT MOUNTING)..... DORMA
1 SET PERIMETER GASKETS: JAMBS - KERFED QEBD-500, HEADER - ADHESIVE QDST-675..... SCHLEGEL
1 LATCH GUARD: LG100Z/SF X US26D (STRAIGHT W/ PIN W/ SEX BOLTS)..... LATCHGUARD
1 DOOR VIEWER: 698 - 190 DEGREE WIDE ANGLE X US26D..... IVES
1 KICK PLATE: 190S X 8" X 34" X US32D..... HAGAR
1 SWEEP: 345AP X LENGTH REQUIRED..... PEMKO
1 THRESHOLD: 271A X LENGTH REQUIRED..... PEMKO

SET NO. 3 (DR. 3)
REQUIRED HARDWARE FURNISHED WITH OVERHEAD DOOR SYSTEM (LOCKING FROM INSIDE ONLY)

SET NO. 4 (DR. 4)
3 HINGES: BB1279 X 4 1/2" X 4 1/2" X US26D..... HAGER
1 OFFICE LOCK: AU5307LN X US26D..... YALE
1 WALL BUMPER: 409 X US26D..... ROCKWOOD

SET NO. 5 (DR. 5, 6)
3 HINGES: BB1279 X 4 1/2" X 4 1/2" X US26D..... HAGER
1 PRIVACY LOCK: AU5302LN X US26D..... YALE
1 WALL BUMPER: 409 X US26D..... ROCKWOOD

SET NO. 6 (DR. 7)
3 HINGES: ECBB1100 X 4 1/2" X 4 1/2" X US32D X NRP..... HAGER
1 EXIT ONLY PANIC LOCK: 8300B X 486 X 689..... DORMA
1 CLOSER: 5300MLT X ALM (ADJ. TO 8.5 LBS.) (THROUGH SEX BOLT MOUNTING)..... HAGER
1 SET PERIMETER GASKETS: JAMBS - KERFED QEBD-500, HEADER - ADHESIVE QDST-675..... SCHLEGEL
1 LATCH GUARD: LG100Z/SF X US26D (STRAIGHT W/ PIN W/ SEX BOLTS)..... LATCHGUARD
1 SWEEP: 345AP X LENGTH REQUIRED..... PEMKO
1 THRESHOLD: 271A X LENGTH REQUIRED..... PEMKO

SET NO. 7 (DR. 1A)
(FOLLOWING REQUIRED HARDWARE FURNISHED WITH WINDOW FRAMING DOOR SYSTEM)
1 PAIR OFFSET PIVOTS: 195/188 X US26D..... RIXON
1 SET PUSH/PULLS: 86-151 ULTRALINE W/ OFFSET PULL X US26D..... EFCO
1 CLOSER: 4041-3077-181J-TB X AL (ADJ. TO 8.5 LBS.)..... LCN
1 SET PERIMETER GASKETS: POLYMERIC BULB X LENGTH REQUIRED..... PEMKO
1 SWEEP: 345AP X LENGTH REQUIRED..... PEMKO

GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- REFER TO BUILDING CODE SUMMARY FOR PROJECT STRUCTURAL DESIGN CRITERIA. DOOR FRAMING AND ANCHORING SYSTEMS SHALL BE DESIGNED BY MANUFACTURER TO CONFORM TO PERFORMANCE AND TESTING REQUIREMENTS SPECIFIED.
- REFER TO FLOOR PLAN, ELEVATIONS, AND SECTIONS FOR ADDITIONAL REQUIREMENTS.
- REFER TO EXTERIOR AND INTERIOR FINISH SCHEDULES FOR COLORS. PERIMETER SEALANT COLOR TO MATCH FRAME COLOR UNLESS OTHERWISE INDICATED.



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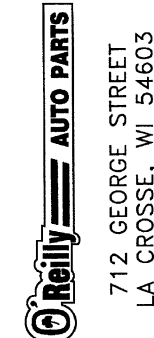
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PATRICK G. BLEES, ARCHITECT

10.14.16
DATE ISSUED
A-9014
REG. NO.



SHEET TITLE:

DOOR SCHEDULE

REVISIONS:

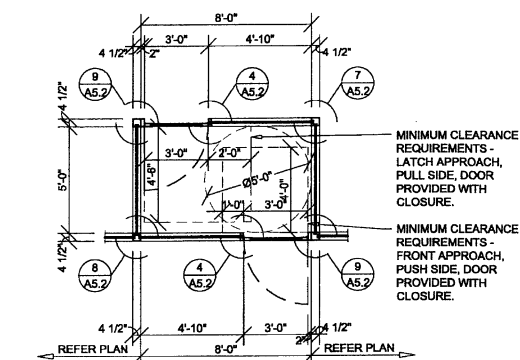
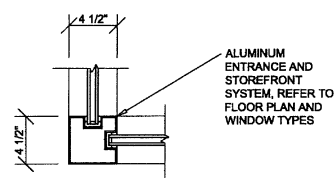
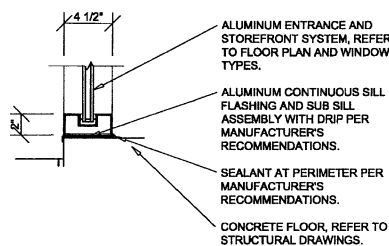
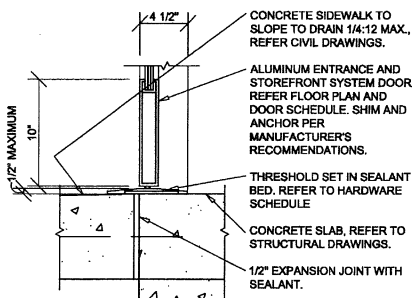
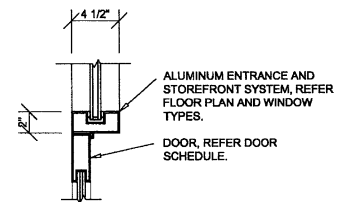
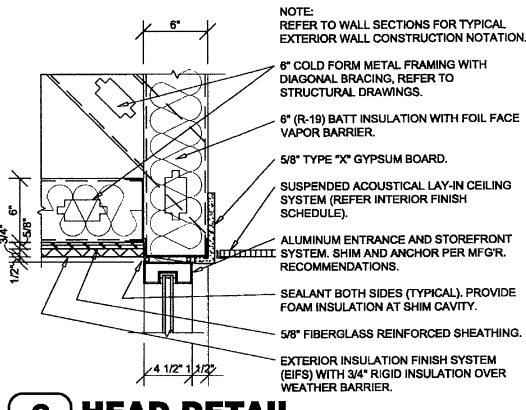
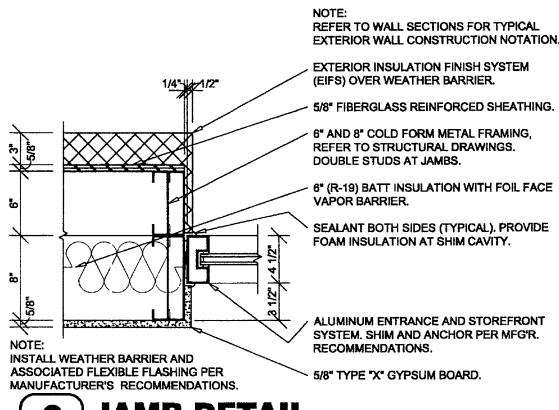
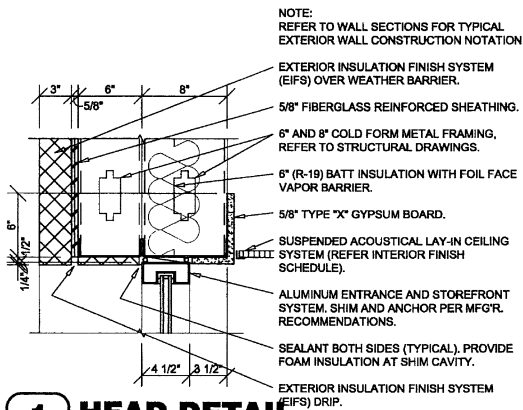
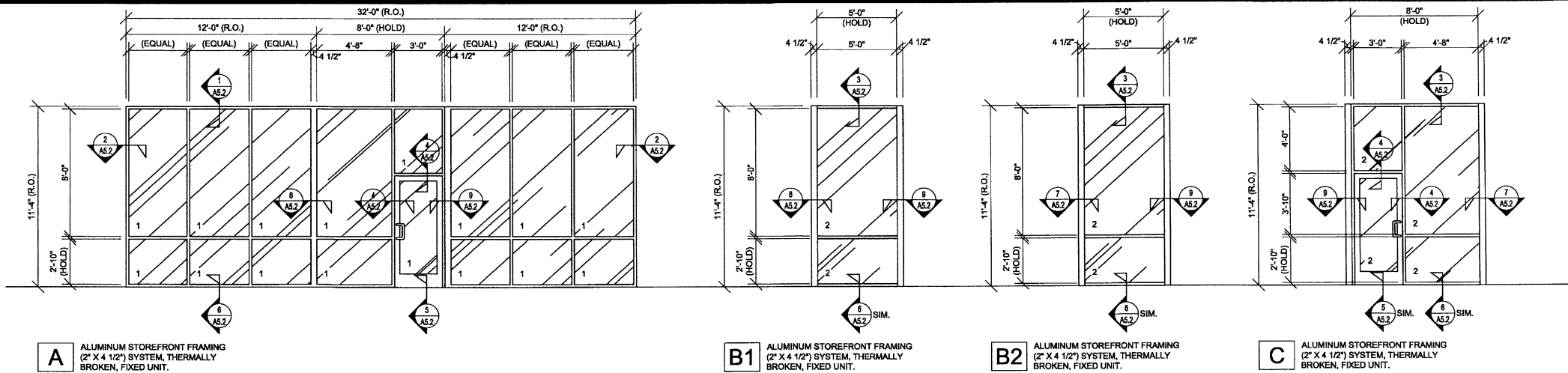
NO.	DATE	BY

PROJECT NO: 16115.014
DRAWN BY: KJO

A5.1

SHEET 8 OF 10

WINDOW TYPES



GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- REFER TO BUILDING CODE SUMMARY FOR PROJECT STRUCTURAL DESIGN CRITERIA. WINDOW FRAMING AND ANCHORING SYSTEMS SHALL BE DESIGNED BY MANUFACTURER TO CONFORM TO PERFORMANCE AND TESTING REQUIREMENTS SPECIFIED.
- REFER TO FLOOR PLAN, ELEVATIONS, AND SECTIONS FOR ADDITIONAL REQUIREMENTS.
- WINDOW TYPE ELEVATIONS SHOWN VIEWED FROM EXTERIOR SIDE.
- REFER TO EXTERIOR FINISH SCHEDULES FOR ALUMINUM WINDOW FRAMING COLORS. PERIMETER SEALANT COLOR TO MATCH WINDOW FRAMING COLOR UNLESS OTHERWISE INDICATED.
- ALL DIMENSIONS TO ROUGH FACE OF FRAMING UNLESS OTHERWISE INDICATED. FIELD VERIFY FINAL ROUGH OPENINGS PRIOR TO FABRICATION.
- REFER TO DOOR AND HARDWARE SCHEDULES FOR ADDITIONAL REQUIREMENTS.
- SECURITY SHUTTERS MAY BE REQUIRED. CONTACT PROJECT ADMINISTRATOR FOR VERIFICATION. (REFER TO SCOPE OF WORK SCHEDULE). PROVIDE ADDITIONAL SUPPORT FRAMING SYSTEM AS REQUIRED.
- WHEN WIND SPEED IS EQUAL TO OR GREATER THAN 120 MPH, A STORM PANEL SYSTEM SHALL BE OWNER FURNISHED AND INSTALLED. CONTACT PROJECT ADMINISTRATOR TO VERIFY AND COORDINATE WITH SYSTEM PROVIDED BY OTHERS. (REFER TO SCOPE OF WORK SCHEDULE). PROVIDE ADDITIONAL SUPPORT FRAMING SYSTEM AS REQUIRED.
- CONTRACTOR'S OPTION TO DIRECT ORDER AND PURCHASE WINDOW FRAMING SYSTEM AND GLAZING FROM THE FOLLOWING SUPPLIER (REFER TO SCOPE OF WORK SCHEDULE):

COULTER & COMPANY
13111 E. 96TH ST. N.
OWASSO, OK 74055
PHONE: (918) 272-4494
FAX: (918) 272-7908
EMAIL: coultier-co@earthlink.net
CONTACT: BRENDA OR KEN

GLAZING SCHEDULE

- 1" INSULATED SAFETY GLAZING (1/4" PPG "SOLEXIA" EXTERIOR PANE / 1/4" CLEAR INTERIOR PANE) (SHADING COEFFICIENT 0.57)
- 1" INSULATED SAFETY GLAZING (1/4" CLEAR EXTERIOR PANE / 1/4" CLEAR INTERIOR PANE) (SHADING COEFFICIENT 0.81)

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FAX: 952-854-9360

SGE, INC.
3855 S. JEFFERSON AVE
SPRINGFIELD, MO 65807
PHONE: 417-882-2200
FAX: 417-882-1188

SEAL:



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10.14.16

DATE ISSUED

A-9014

REG. NO.

Reilly AUTO PARTS

712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:

WINDOW SCHEDULE

REVISIONS:

NO. DATE: BY:

NO.	DATE:	BY:

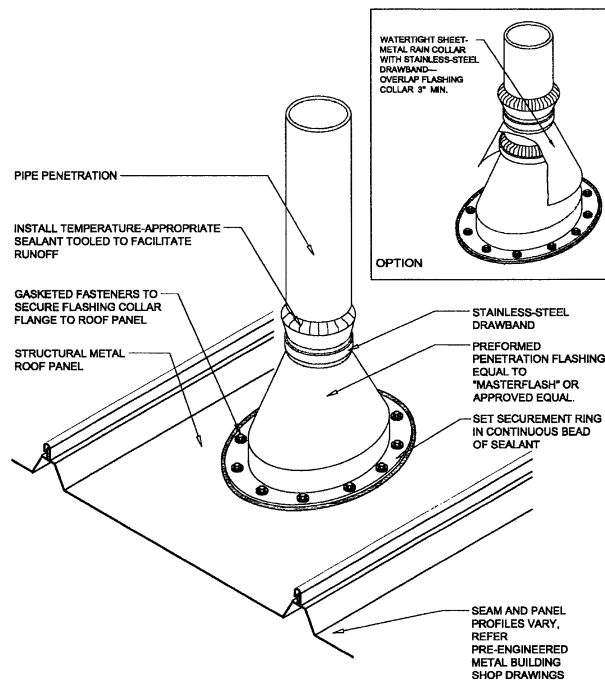
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DRAWN BY: KJO

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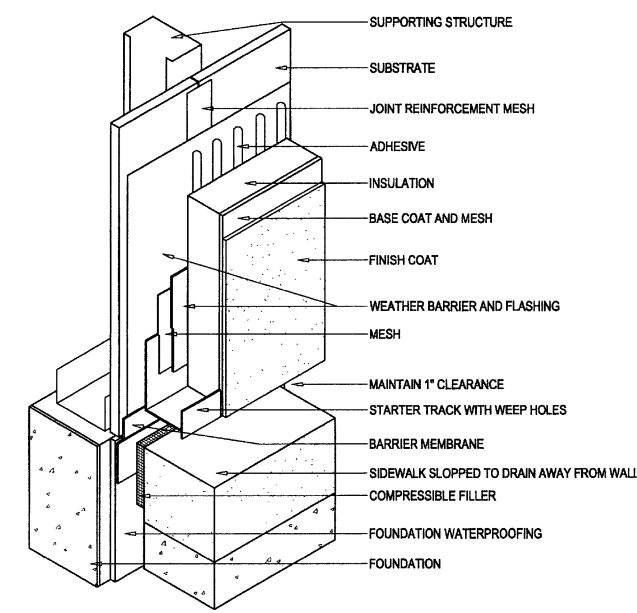
SHEET 9 OF 10

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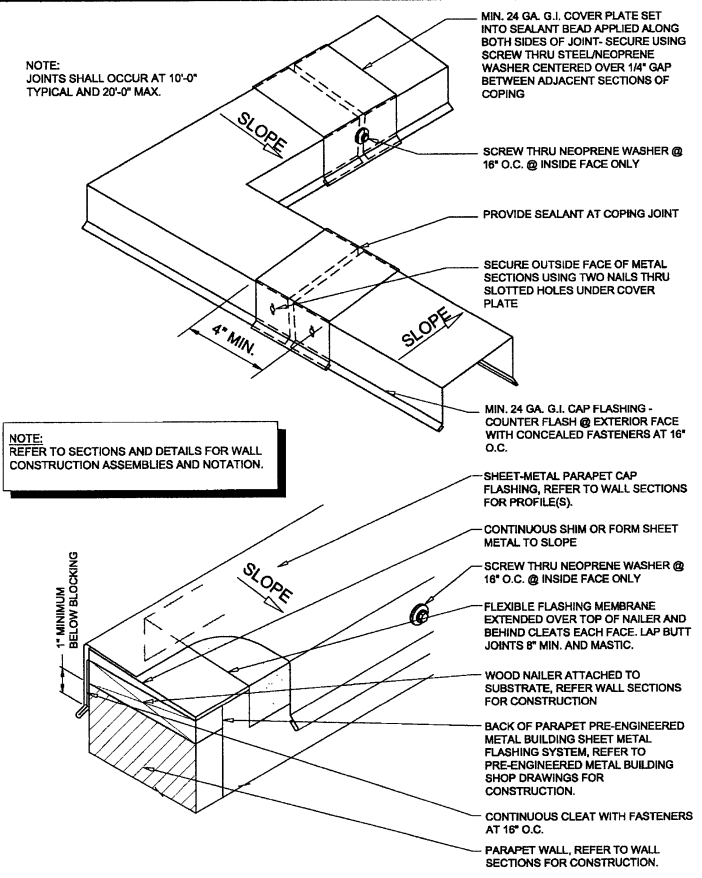
- NOTES:
1. NRCA RECOMMENDS PENETRATIONS SHOULD NOT INTERFERE WITH PANEL SEAMS OR OCCUR AT TRANSVERSE SEAMS.
 2. IF FIELD PANELS OVERLAP AT THE PENETRATION, ATTACHMENT OF THE DOWN SLOPE PANEL ALONG ITS UP SLOPE END MAY BE NECESSARY.
 3. VENT STACKS AND OTHER PIPES SHOULD HAVE ADEQUATE CLEARANCE ON ALL SIDES FROM WALLS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING AND PANEL DRAINAGE.
 4. FOR HOT PIPES, SPECIFIC HIGH-TEMPERATURE BOOTHS SHOULD BE USED.
 5. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.

1 VENT THRU ROOF DETAIL
A6.1 SCALE: N.T.S.



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

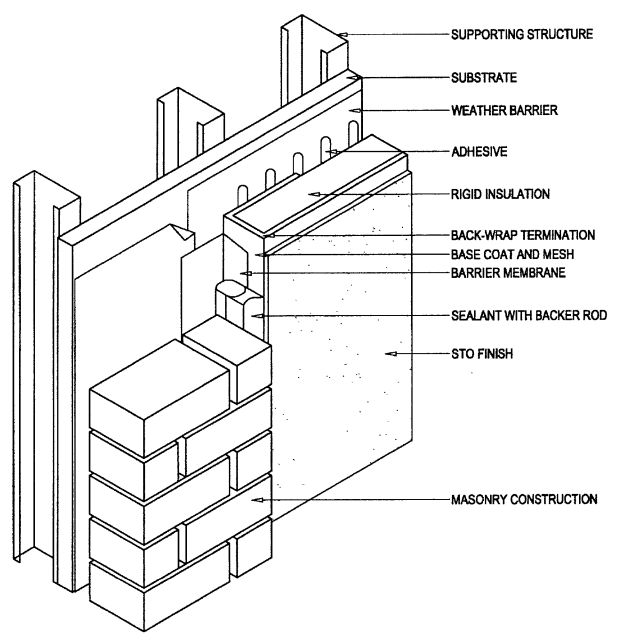
4 EIFS TERMINATION DETAIL
A6.1 SCALE: N.T.S.



NOTE: JOINTS SHALL OCCUR AT 10'-0" TYPICAL AND 20'-0" MAX.

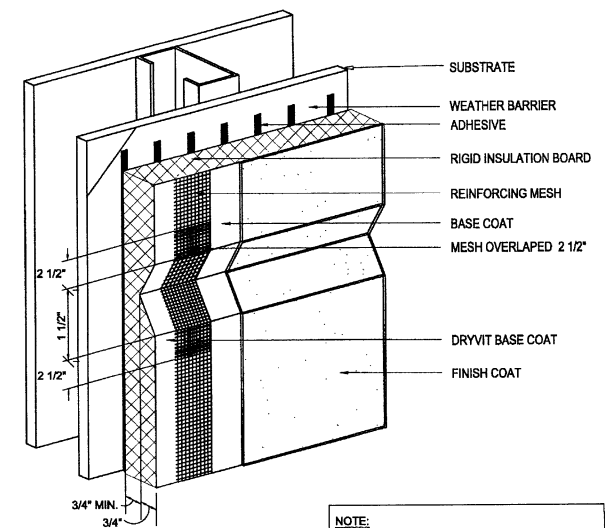
NOTE: REFER TO SECTIONS AND DETAILS FOR WALL CONSTRUCTION ASSEMBLIES AND NOTATION.

2 TYPICAL COPING FLASHING DETAIL
A6.1 SCALE: N.T.S.



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

5 EIFS TERMINATION DETAIL
A6.1 SCALE: N.T.S.



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

3 EIFS DECORATIVE JOINT DETAIL
A6.1 SCALE: N.T.S.

NOTE: REFER TO SECTIONS AND DETAILS FOR WALL CONSTRUCTION ASSEMBLIES AND NOTATION.

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL AND SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- (B) SHEET METAL AND ROOFING CONSTRUCTION SHALL COMPLY WITH NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA) AND SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA) DESIGN STANDARDS AND RECOMMENDATIONS.

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FAX: 417-882-1188

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O'Reilly AUTO PARTS
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LA CROSSE, WI 54603

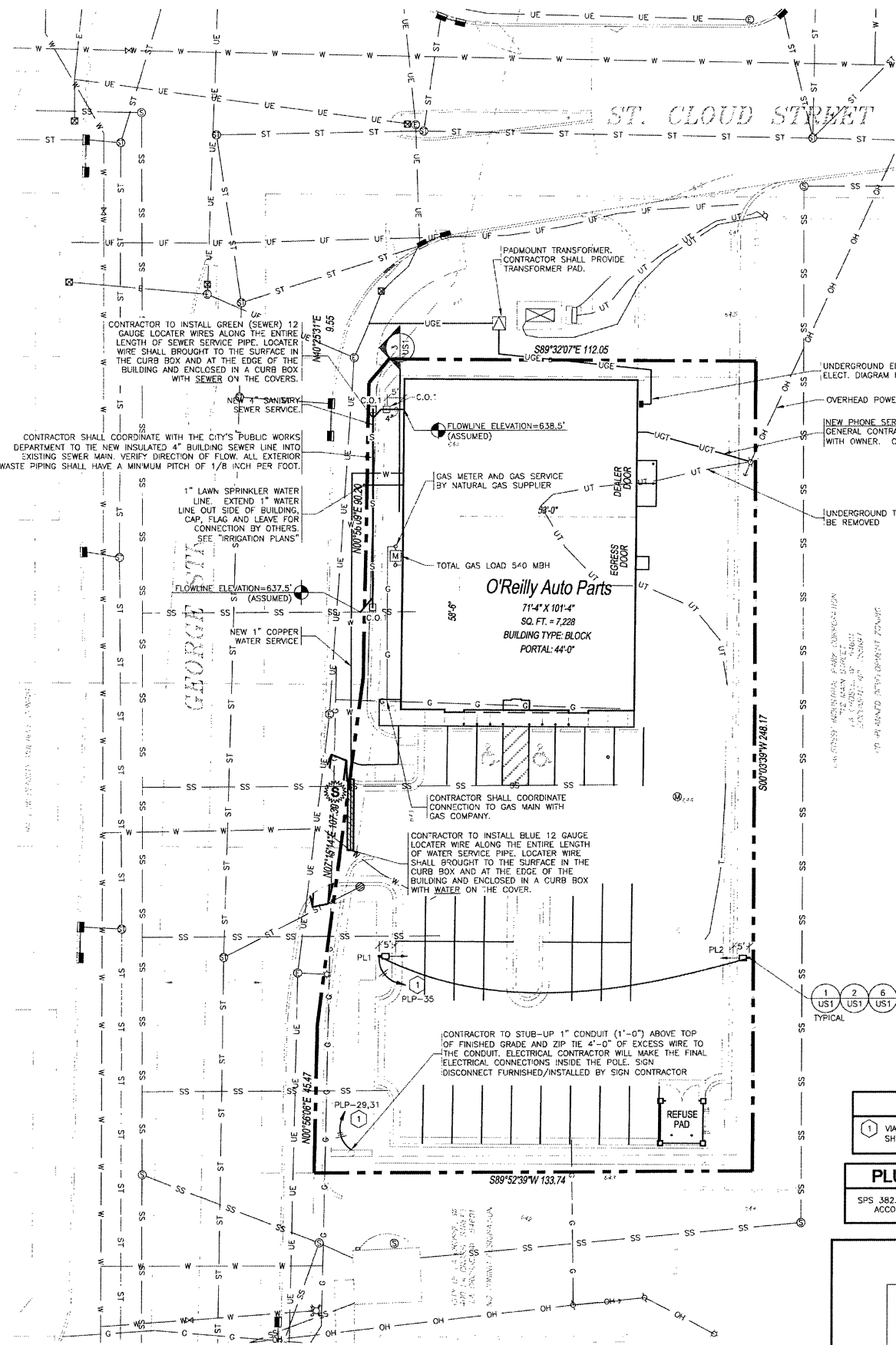
SHEET TITLE:
EXTERIOR DETAILS

REVISIONS:

NO:	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO

A6.1
SHEET 10 OF 10



UTILITY SITE PLAN

SCALE: 1"=20'



STOP-CALL BEFORE YOU DIG!
811

WATER METER LOCATION

TWO 1" METERS AND BACKFLOW DEVICES ARE TO BE INSTALLED INSIDE BUILDING. SEE P1 & P2 SHEET FOR LOCATION.

SAWCUT NOTE

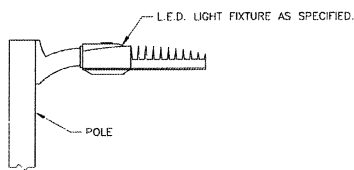
WHERE NEW UTILITY SERVICES ARE ROUTED UNDER EXISTING PAVED AREAS, ALL EXISTING PAVING SHALL BE REMOVED IN THE FOLLOWING STEPS:
1) SAWCUTTING PAVING, CONCRETE CURB & GUTTER.
2) REMOVAL & TRENCHING.
3) INSTALLATION OF UTILITY.
4) BACKFILL & COMPACTION.
5) INSTALLATION OF NEW PAVING, CONCRETE CURB & GUTTER THAT MATCHES THE EXISTING SURROUNDING PAVING, CURB & GUTTER IN BOTH MATERIAL & ELEVATION.
CONTRACTOR SHALL COORDINATE, OBTAIN & PAY FOR ALL REQUIRED PERMITS & LICENSES TO PERFORM THIS WORK & SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL WHILE PERFORMING SAWCUTTING OPERATIONS AS NECESSARY.

VENSTAR KEYNOTE

1) VIA VENSTAR SURVEYOR / LIGHTING CONTROL PANEL. SEE SHEET VS1 & VENSTAR SCOPE OF WORK (S.O.W.)

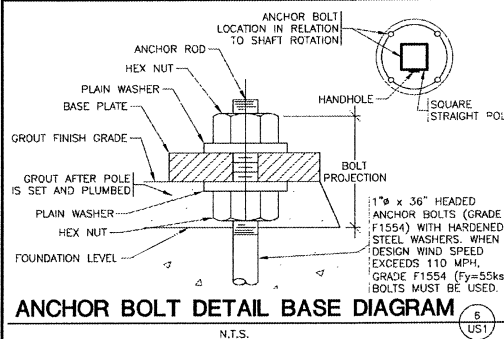
PLUMBING: APPROVED PLANS

SPS 382.20(B): THE PLUMBING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED PLANS.



L.E.D. LIGHT MOUNTING DETAIL

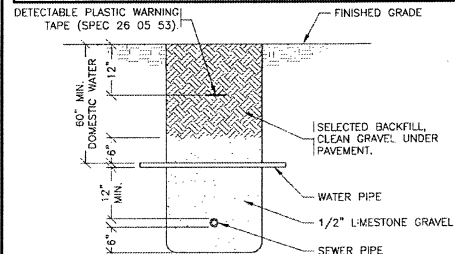
N.T.S.



ANCHOR BOLT DETAIL BASE DIAGRAM

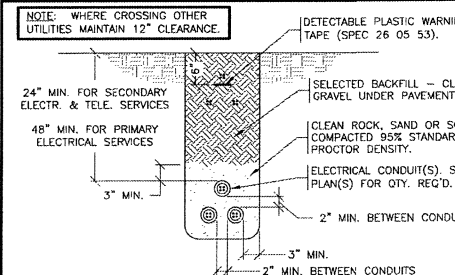
N.T.S.

NOTE: WHENEVER WATER AND SANITARY SEWER PIPES ARE WITHIN TEN (10) FEET OF EACH OTHER, THE BOTTOM OF THE WATER PIPE SHALL BE INSTALLED MINIMUM OF ONE (1) FOOT ABOVE THE TOP OF THE SANITARY SEWER PIPE.



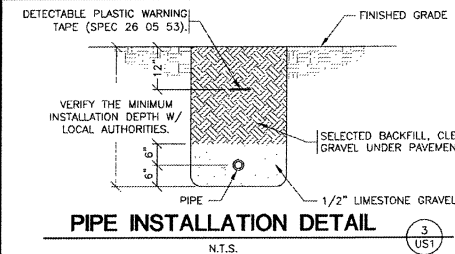
WATER/SEWER SEPARATION DETAIL

N.T.S.



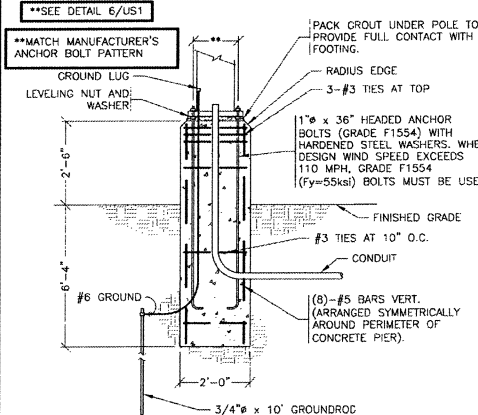
UNDERGROUND ELECTRICAL CONDUITS

N.T.S.



PIPE INSTALLATION DETAIL

N.T.S.



CONCRETE POLE BASE DETAIL

N.T.S.

STATE OF WISCONSIN LIMITATION

I HEREBY CERTIFY THAT THESE ENGINEERING DOCUMENTS WERE PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.

NORMAN E. GOTH (DATE) 11-11-16

LICENSE RENEWAL DATE IS JULY 31, 2018

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NEW UTILITIES

W	WATER SERVICE	P.O.C. = POINT OF CONNECTION BETWEEN SITE PIPING (SPEC 02700) AND BUILDING PIPING (SPEC 21 13 13, 22 00 00), AS NECESSARY - SPEC 21 13 13 DENOTES LANDSCAPE IRRIGATION).
UGE	UNDERGROUND ELECTRIC	
UGT	UNDERGROUND TELEPHONE	
OHE	OVERHEAD ELECTRIC	
OHT	OVERHEAD TELEPHONE	
G	GAS SERVICE (BY GAS CO.)	
SC	SAW CUT	
BO	BORE	
GR	GRAVEL	

EXISTING CONDITIONS NOTES

- THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID, REFER TO SPECIFICATIONS ALSO.
- EXISTING INSTALLATIONS (SUCH AS WATER MAINS/LINES, GAS MAINS/LINES, SEWER MAINS/LINES, TELEPHONE LINES, POWER LINES, AND UTILITY STRUCTURES IN THE VICINITY OF THE WORK TO BE DONE) ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT THAT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.
- ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS/INSTALLATIONS.

1 TELEPHONE SERVICE REQUIREMENTS

SPECIAL NOTE: NEW PHONE SERVICE TO BUILDING SHALL BE AN UNDERGROUND SERVICE. CONTRACTORS TO SCHEDULE INSTALLATION OF U/G TELEPHONE SERVICE CONDUIT WITH OWNER. CONTACT (417) 874-7288.

2" PVC SCHEDULE 40 CONDUIT WITH RIGID GALVANIZED STEEL LONG SWEEP BENDS @ 18"-24" DEPTH FOR PHONE SERVICE. PROVIDE MINIMUM 1/4" POLYPROPYLENE FULL LINE. PLACE CONDUIT A MINIMUM OF 12" FROM U/G ELECTRIC CONDUIT IN SAME TRENCH.

CAP END OF CONDUIT AT PROPERTY LINE BELOW FINISHED GRADE AND INSTALL CABLE MARKER FOR PHONE COMPANY, IF NECESSARY. OTHERWISE, CONTINUE PHONE SERVICE CONDUIT TO A POLE AND INSTALL RIGID GALVANIZED STEEL CONDUIT A MINIMUM 10' (±) ABOVE FINISHED GRADE ATTACHED TO POLE.

CONTRACTOR SHALL COORDINATE INSTALLATION AND VERIFY REQUIREMENTS WITH PHONE COMPANY. PLUS INCLUDE ALL FEES (IF ANY) BY PHONE COMPANY FOR INSTALLATION OF NO LESS THAN 10 PAIR CABLE. IN MENTIONED CONDUIT, TO CONTRACTOR INSTALLED 4' x 6' x 3/4" FIRE RETARDING BACKBOARD (IF PLYWOOD, PAINT BOARD W/FIRE RETARDING PAINT) WITHIN BUILDING. CONTRACTOR TO PROVIDE #6 AWG CU. GROUND TO TELEPHONE EQUIPMENT LOCATION FROM ELECTRICAL GROUNDING ELECTRODE SYSTEM. FINAL CONNECTIONS AND INSIDE PHONE WIRING BY OWNER.

ONLY IF UNDERGROUND PHONE SERVICE IS NOT AVAILABLE-THEN MAY CONTRACTOR INSTALL APPROPRIATE OVERHEAD PHONE SERVICE RISER, WEATHER HEAD, ETC. COORDINATE WITH OWNER & PHONE CO.

GENERAL NOTE:

PRIOR TO INSTALLATION, GENERAL CONTRACTOR SHALL CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR SHALL CONTACT THE O'REILLY PROJECT ADMINISTRATOR BEFORE PROCEEDING.

UTILITIES CONTACTS:

ELECTRIC:	XCEL ENERGY: 715-839-2574
TELEPHONE:	CENTURYLINK: 608-796-5543
WATER:	CITY OF LA CROSSE: 608-789-7569
SEWER:	CITY OF LA CROSSE: 608-789-7569
GAS:	XCEL ENERGY: 715-839-2574

CONTRACTOR CAUTION!!! VERIFY SEWER LINE ELEVATION

BEFORE STARTING ANY BUILDING PAD GRADING AND PLUMBING WORK, THE CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, CONDITION, ACCESSIBILITY (INCLUDING STATE HIGHWAY OR OTHER RIGHTS-OF-WAY) AND WORKABLE FLOW LINE ELEVATION OF THE EXISTING SANITARY SEWER SERVICE LINE OR MAIN.

IF A WORKABLE FLOW LINE HAS NOT BEEN ESTABLISHED AT THE TIME OF FINAL SANITARY SEWER SERVICE CONNECTION, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES ASSOCIATED WITH THE INSTALLATION OF A NEW GRINDER PUMP SYSTEM EQUAL TO "ENVIRONMENT ONE" #04152. PHONE: 518-346-5161 TO MEET OWNER AND LOCAL REQUIREMENTS.

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F: 417-882-1188
WWW.SMITH-GOTH.COM

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E-37429
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MISSOURI
PROFESSIONAL ENGINEER
11/11/16

O'Reilly AUTO PARTS

710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE: UTILITY SITE PLAN

REVISIONS:

NO.	DATE	BY

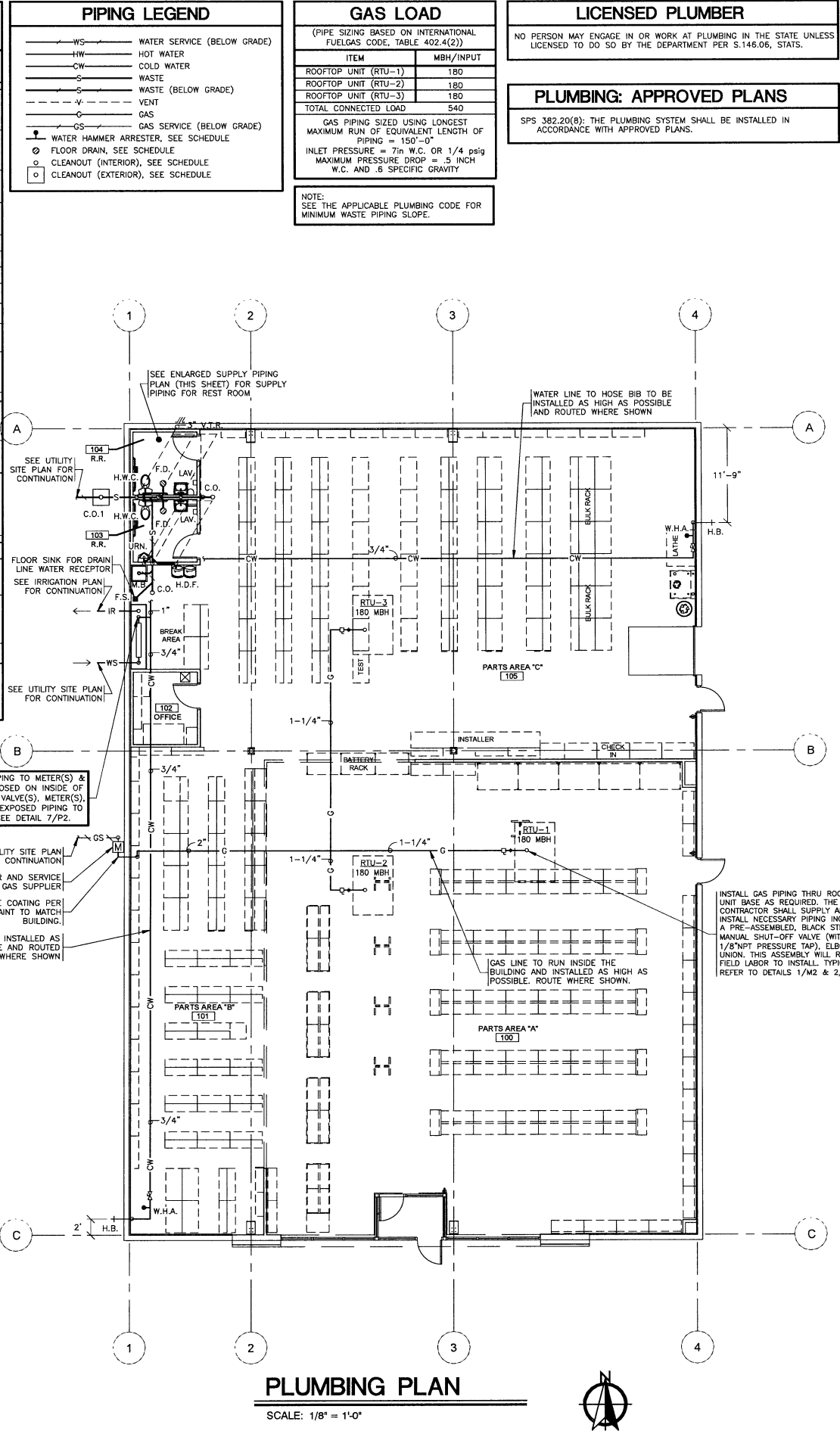
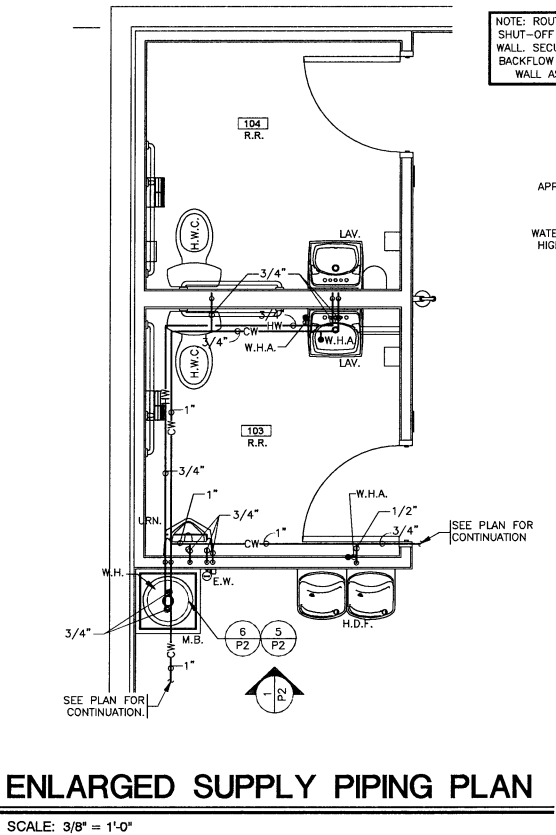
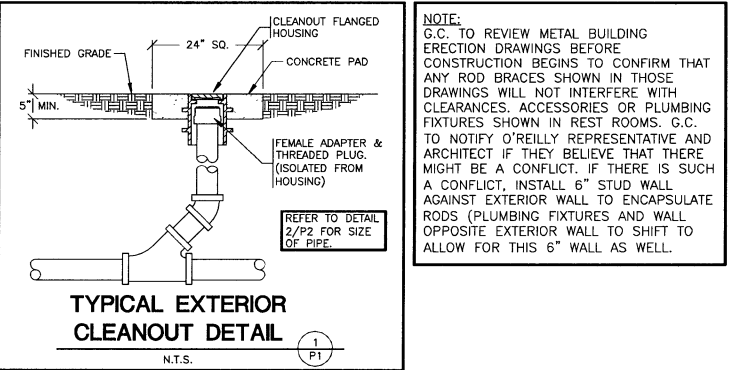
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DRAWN BY: LRB

US1

SHEET 1 OF 2

PLUMBING FIXTURE SCHEDULE / SPEC. 22 00 00 & 22 40 00 / ALL FIXTURES & FITTINGS MUST BE "LEAD FREE"										
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	PIPING REQUIREMENTS			REMARKS	APPROVED MANUFACTURER'S	CODE APPROVALS
					WASTE	VENT	SUPPLY			
H.W.C.	HANDICAP ACCESSIBLE WATER CLOSET (TANK TYPE)	AMERICAN STANDARD	CADET RIGHT HEIGHT BOWL RIM @ 16-1/2" H PRESSURE-ASSISTED TOILET 2467.016	CHURCH 9500CT WHITE OPEN FRONT SEAT COMPLETE W/BOLT CAPS	4"	2"	1/2"	LOW-CONSUMPTION 1.6 GPF MAX. MEETS ADA GUIDELINES	ZURN, ELJER	ANSI A117.1, ADA COMPLIANT
LAV.	HANDICAP ACCESSIBLE LAVATORY (WALL MOUNTED)	AMERICAN STANDARD	LUCERNE 0355.012 4" CENTERS	ZURN #Z8737 FLAT GRID SINKSTRAINER, DELTA #501-DST CLASSIC CENTERSET FAUCET, JAY R. SMITH #0700-M31 FLOOR MOUNTED LAVATORY SUPPORTS IN WALL	2"	1-1/2"	3/4"	SEE NOTE 2. 1.5 GPM MAX.	ZURN, ELJER WADE	ANS A117.1 ASME A112.18.1, ASME A112.18.2, ADA COMPLIANT
M.V.	THERMOSTATIC MIXING VALVE	WATTS	#LFMMV-M1-US-1/2"	THERMOSTATIC MIXING VALVE	-	-	1/2"	SEE DETAIL 3/P2 & NOTE #4. 110°F MAX. WATER TEMP.	WILKINS, POWERS	ASSE 1070, IAPMO, ADA COMPLIANT, CUPC, NSF/ANSI 61
H.D.F.	BARRIER-FREE TWO STATION HI-LO DRINKING FOUNTAIN	ELKAY	EZSTL8LC	ACCESSORY APRON #LKAPREZL	2"	1-1/2"	1/2"	UPPER HEIGHT 40" A.F.F. LOWER HEIGHT 33" A.F.F.	HALSEY TAYLOR	ADA COMPLIANT
F.D.	FLOOR DRAIN	ZURN	ZN415-B-P	1/2" TRAP PRIMER CONNECTION	2"	1-1/2"	-	COMBINATION WASTE VENT	WADE & JAY R. SMITH	ASSE 1019-B
F.S.	FLOOR SINK	ZURN	FD2378-NH2-H	8 SQ. TOP, 6" DEEP, LITE COMMERCIAL	2"	1-1/2"	-	1/2 GRATE	WADE & JAY R. SMITH	-
C.O.	CLEANOUT (INTERIOR)	JAY R. SMITH	4100	W/CARPET CLAMPING RING WHERE REQUIRED	SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN	-
C.O.1	CLEANOUT (EXTERIOR)	JAY R. SMITH	4250	-	SEE PLAN	-	-	SAME SIZE AS LINE. SEE DETAILS 1/P1 & 2/P2.	WADE & ZURN	-
W.H.A.	WATER HAMMER ARRESTER	SILOUX CHIEF	652-A	-	-	-	-	-	JAY R. SMITH, WADE, ZURN	-
H.B.	HOSE BIB	WOODFORD	MODEL 65	W/WALL CLAMP	-	-	3/4"	W/VACUUM BREAKER. OPERATING ROD ASSEMBLY MUST BE ORDERED PER WALL WIDTH.	-	-
M.B.	MOP BASIN	FIAT	FIAT MSB-2424	FIAT #B32-AA HOSE & BRACKET, FIAT #B89-CC-24" MOP HANGER, ZURN #Z842M4-WHK-SH SERVICE FAUCET	3"	1-1/2"	3/4"	W/VACUUM BREAKER ON FAUCET. ALSO ADD HOSE CONNECTION VACUUM BREAKER (WATTS #6) ON FAUCET'S SPOUT	HAWS & ZURN	-
E.W.	EYE WASH	SPEAKMAN	SEF-9200	SPEAKMAN THERMOSTATIC MIXING VALVE (SEF-TW)	-	-	3/4"	SET MIXING VALVE TO DELIVER 80dgF. NOTE: TEPID WATER RANGE IS 60-100dgF.	HAWS	ASME A112.18.1-2000 CSA B125-98, ANSI Z358-1, INTEGRAL VACUUM BREAKER, ASSE 1011
URN.	URINAL (WALL MOUNTED)	ZURN	Z5755-U OMNI-FLO	SLOAN ROYAL #186-1 FLUSH VALVE, JAY R. SMITH SERIES #600 FLOOR MOUNTED URINAL SUPPORT	2"	1-1/2"	3/4"	1.0 GPF	KOHLER, ELJER & CRANE	ASME A1212.19.2, ANSI A117.1, ADA COMPLIANT
NOTES: 1. COORDINATE ROUGH-IN OF ALL PLUMBING FIXTURES W/ARCHITECTURAL DRAWINGS. 2. SINKS & LAVATORIES FOR HANDICAPPED ACCESS SHALL BE INSTALLED W/OFFSET TAILPIECES. ALL SINK & LAVATORY DRAIN & WATER LINES SHALL BE INSULATED W/PROTECTIVE DEVICES EQUAL TO "McGUIRE" #PW 2150 WC, WHITE MOLDED CLOSED CELL VINYL, OR "TRUEBRO" #103W, WHITE MOLDED VINYL. 3. FOR HANDICAPPED-ACCESSIBLE WATER CLOSET, FURNISH & INSTALL W/THE FLUSH HANDLE ON THE WIDE SIDE OF THE RESTROOM. 4. ALL LAVATORIES SHALL BE INSTALLED WITH A THERMOSTATIC MIXING VALVE.										
OWNER SUPPLIED, CONTRACTOR INSTALLED										
W.H.	WATER HEATER (ELECTRIC)	A.O. SMITH	EJCS-20	(19 GALLONS) 120V 1A, 1.65 KW ELEMENT WITH T & P RELIEF VALVE	-	-	3/4"	PIPE DRAIN LINE FROM P & T RELIEF VALVE DOWN IN SHELF PAN. SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	CSA, ASME RATED, NAECA
SHELF	WATER HEATER SHELF	HOLDRITE QUICK STAND	#40-SWHP-WM	SUPPORTS WATER HEATERS UP TO 20 GALLON OR 300 LBS	-	-	-	PIPE DRAIN LINE FROM SHELF PAN SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	-
T.E.A.	THERMAL EXPANSION ABSORBER	AMTROL	ST-12	-	-	-	-	-	NO SUBSTITUTIONS	-
NOTE: WATER HEATER, SHELF AND T.E.A. SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR: GRAYBAR ELECTRIC CO. INC. 11885 LACKLAND ROAD ST. LOUIS, MO 63146					ATTN: SANDI YOUNG - DIRECT LINE: (314) 573-2082 OR KATHY SCHRUMPF - DIRECT LINE: (314) 573-2084 sandra.young@graybar.com or Kathy.Schrumpf@graybar.com TOLL FREE: (800) 289-5254 TOLL FREE FAX: (888) 280-0128					

- PLUMBING NOTES**
- DRAWING IS DIAGRAMMATIC & IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
 - ALL PLUMBING WORK IS TO BE DONE IN ACCORDANCE WITH THE APPLICABLE CODE(S) NOTED ON THE COVER SHEET.
 - PIPING MATERIAL SHALL BE AS FOLLOWS:
UNDERGROUND WATER SERVICE - (SPEC 22 00 00)
ABOVE GROUND HOT & COLD WATER PIPING - (SPEC 22 00 00)
DRAIN, WASTE & VENT PIPING - (SPEC 22 00 00) - AS REQUIRED BY THE LOCAL JURISDICTION.
 - VALVES ON WATER LINES SHALL BE BRONZE BALL VALVES. DO NOT SUBSTITUTE GATE OR GLOBE VALVES. VALVES SHALL BE THE SAME SIZE AS THEIR INLET PIPING. (SPEC 20 05 00)
 - ALL PLUMBING FIXTURES ARE TO BE FURNISHED COMPLETE WITH NECESSARY STOPS, TRAPS, TAILPIECES, TRIM, ETC. (SPEC 22 40 00)
 - THE CONTRACTOR SHALL COOPERATE WITH ALL OTHER CONTRACTORS & SUBCONTRACTORS IN LAYING HIS OUT & INSTALLING HIS WORK. COOPERATION DOES NOT MEAN "I WAS HERE FIRST."
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE & FUNCTIONAL SYSTEM IN ACCORDANCE W/ THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
 - DO NOT INSTALL CAPPED AIR CHAMBERS AT FIXTURES. INSTALL WATER HAMMER ARRESTERS AS CALLED FOR ON PLAN. ARRESTERS ARE TO BE RATED FOR INSTALLATION IN CONCEALED LOCATIONS. (SPEC 22 00 00)
 - ALL HOT & COLD WATER SUPPLY PIPING CONNECTION TO FIXTURES ARE TO BE 1" UNLESS NOTED OTHERWISE.
 - PLUMBING PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. PROVIDE REQUIRED CLEARANCES PER "N.E.C." COORDINATE ELECTRICAL PANEL LOCATIONS W/ THE ELECTRICAL CONTRACTOR.
 - INSTALL PIPE INSULATION ON ALL DOMESTIC WATER LINES ABOVE FINISH FLOOR (SPEC 22 07 19).
 - CONTRACTOR SHALL COORDINATE WITH ALL STATE & LOCAL BUILDING REGULATION AGENCIES & UTILITY COMPANY(S) IN THE PROCUREMENT OF & PAYMENT OF ALL PERMITS, LICENSES, FEES & CHARGES REQUIRED FOR THE PERFORMANCE OF THE WORK.
 - PROVIDE CHROME ESCUTCHEON COVERPLATES AT ALL PIPE PENETRATIONS OF FINISHED WALL SURFACES.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO ROUTE ALL WATER PIPING AROUND SPACES W/ TEMPERATURES BELOW FREEZING (i.e. ATTICS, CHASES, EXTERIOR WALLS, ETC.). IF FREEZING OF ANY WATER PIPING OCCURS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR THE PIPING THRU A NON-FREEZING SPACE TO THE FIXTURE/APPLIANCE ORIGINALLY SERVED BY THE FROZEN PIPING.
 - ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A 1-COMPONENT NON-SAG URETHANE SEALANT. ANY CONTRACTOR WHO USED SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE & REPLACE WITH A SPECIFIED SEALANT (SPEC 07 92 00).
 - PLUMBING SUB-CONTRACTOR SHALL INFORM THE ELECTRICAL SUB-CONTRACTOR OF THE VOLTAGE & POWER REQUIREMENTS OF ALL PLUMBING EQUIPMENT TO BE INSTALLED.
 - ALL GAS PIPING INSTALLATIONS SHALL COMPLY WITH "NFPA-54" NATURAL GAS OR "NFPA-58" LP GAS (latest edition).
 - ALL WATER HEATERS & HOT WATER STORAGE TANKS SHALL HAVE A DRAIN VALVE INSTALLED AT THE BOTTOM OF THE TANK AS REQUIRED BY CODE.



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WISCONSIN
NORMAN E. GOTH
E-37429
SPRINGFIELD
MISSOURI
11/11/16

11/11/16
DATE ISSUED

Reilly AUTO PARTS
710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:
PLUMBING PLAN

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: LW2
DRAWN BY: LRB

P1
SHEET 1 OF 3

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SEAL:



11/11/16
DATE ISSUED



710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:

PLUMBING SCHEDULES

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: LW2
DRAWN BY: LRB

P2

SHEET 2 OF 3

PLUMBING PIPE MATERIALS:

A. The following applications are for inside, below & above the building slab and ending at a point 5'-0" outside the perimeter building walls.

1. Domestic Water Distribution Piping Below Ground: All interior domestic water piping shall be type "K" hard drawn copper tubing (SIL-FOS 2, FOS-FLO 7 or other silver brazing material). This is required for the water service line from the shut-off valve in the building to a point 5 feet outside the building.
2. Domestic Water Distribution Piping Above Ground: Hard copper tube, type L.
3. Soil, Waste, and Vent Piping Below Ground: Schedule 40 poly vinyl chloride (PVC) plastic DWV pipe;
4. Soil, Waste, and Vent Piping Above Ground: Hubless cast-iron soil pipe or Poly vinyl chloride (PVC) plastic DWV pipe
5. Note: PVC piping is not permitted in air-handling ceiling spaces, use only cast-iron or ductile iron pipe in these locations.

B. The following applications are for only from 5'-0" outside the building to the utility point of connection (POC).

Underground domestic water service piping from a point 5 feet outside the building to the POC.
(See Site Utilities Plan for which piping material (Copper or PVC) is required).

1. 1/2" - 1 1/2" Schedule 40 PVC pipe with solvent-welded joints.
2. 1 1/2" - 3", SDR-21, PVC pipe (ASTM D2241) Class 200, Bell and Spigot with rubber gasketed joints.
3. 1/2" - 3", Type "K" hard drawn copper tubing (SIL-FOS 2, FOS-FLO 7 or other silver brazing material).
4. 4" and larger, SDR-18 PVC pipe (AWWA C-900) Class 150 Bell and Spigot with rubber gasketed joints.

Underground sanitary sewer service piping from a point 5 feet outside the building to the POC.

1. Polyvinyl chloride (PVC) sewer pipe shall conform to ASTM D3034 (SDR-35).
2. Cast iron or ductile iron pipe shall conform to USASI #A-21 class 50.

C. GAS pipe material:

Low Pressure Gas Systems, above Ground within or outside Building:

Use the following:

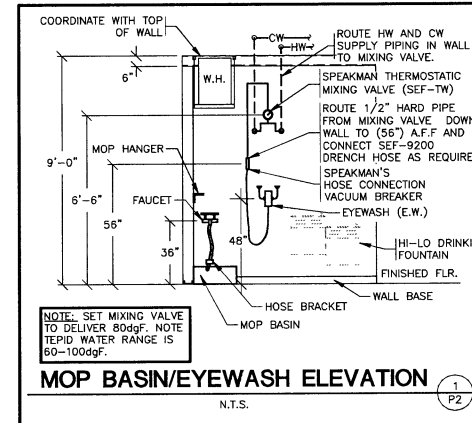
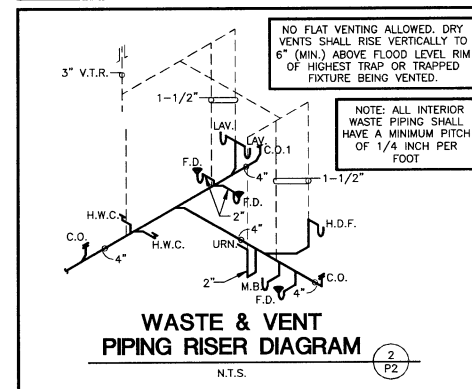
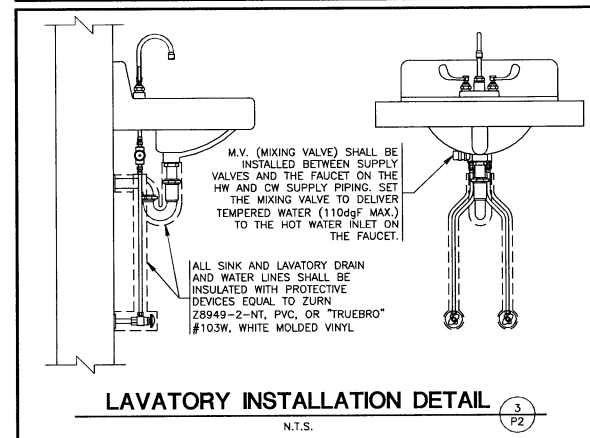
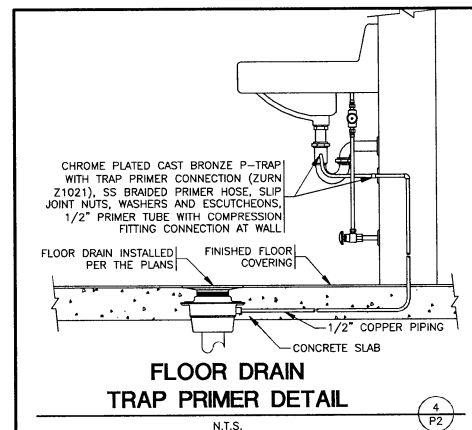
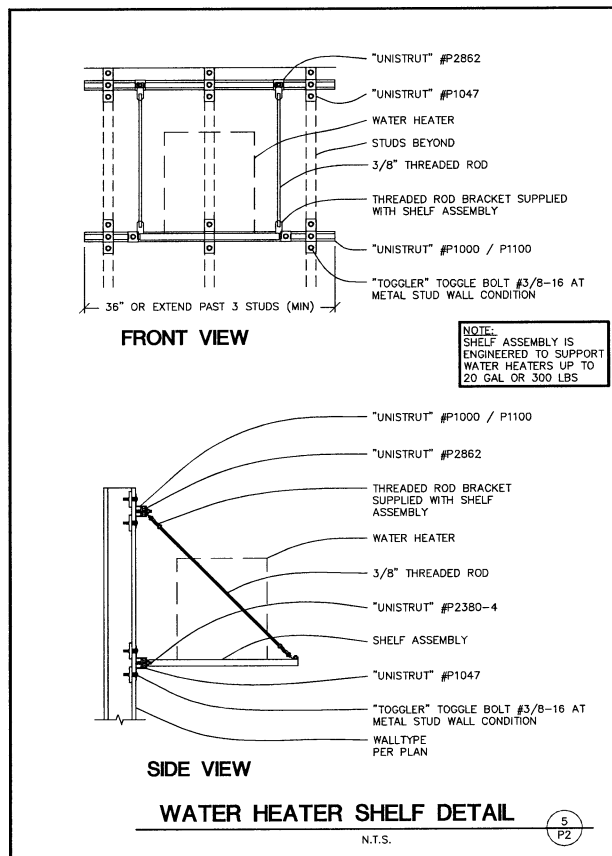
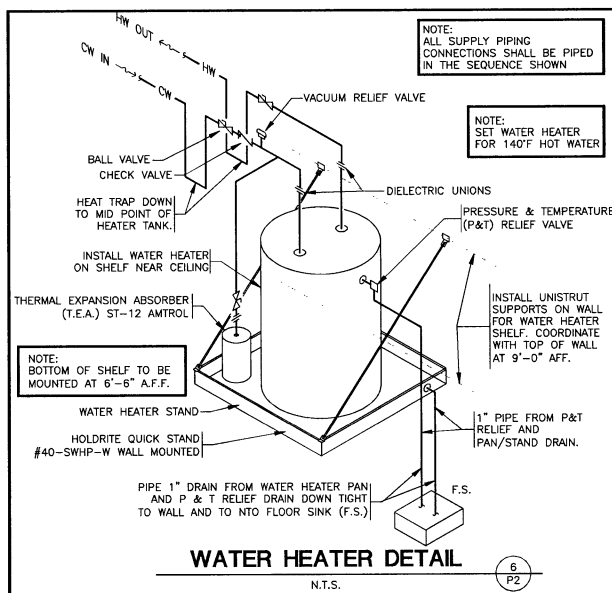
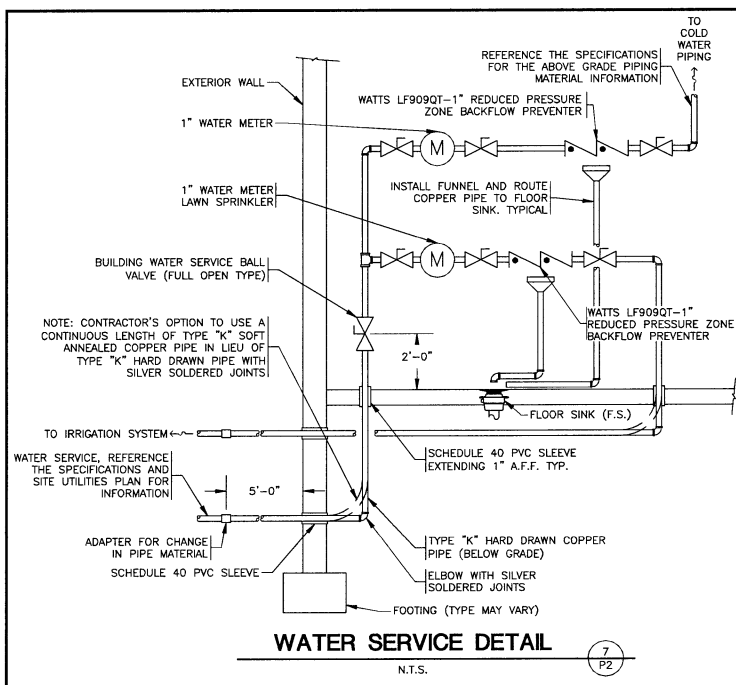
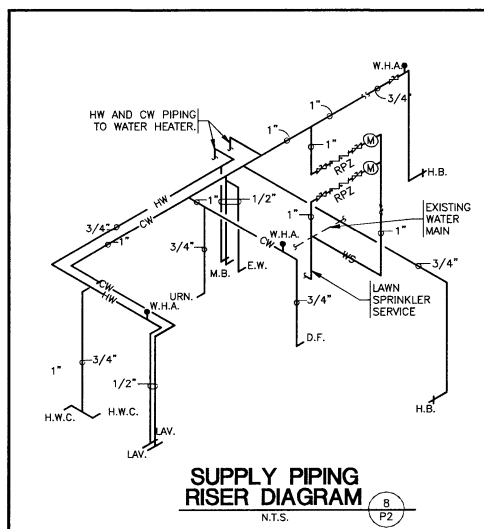
1. 2 inches and Smaller: Steel pipe, malleable iron, threaded fittings, and threaded joints.
2. 2 1/2 inches and Larger: Steel pipe, butt welding fittings, and welded joints.

PROJECT: O'REILLY AUTO PARTS

PLUMBING CALCULATION

FIXTURE	QUANTITY	TOTAL-SFU	TOTAL	TOTAL-HW	TOTAL	DFU	TOTAL
W.C. (TANK)	2	5	10	0	0	4	8
URN. (URINAL)	1	5	5	0	0	4	4
LAV. (LAVATORY)	2	2	4	1.5	3	2	4
M.B. (MOP BASIN)	1	3	3	1.5	1.5	2	0
H.D.F. (FOUNTAIN)	1	0.25	0.25	0	0	0.5	0.5
H.B. (HOSE BIB)	2	3	6	0	0	0	0
TOTAL			28.28	TOTAL	4.5	TOTAL	18.5

TOTAL CW GPM 20.0
COLD WATER SERVICE SIZE 1"
SANITARY SEWER
AVERAGE DAILY FLOW 127 gal/DAY
PEAK DESIGN 1.5 gal/MIN





SEAL:



11/11/16
DATE ISSUED



SHEET TITLE:
PLUMBING DETAILS

REVISIONS:		
NO.	DATE:	BY:

PROJECT NO: LW2
DRAWN BY: LRB

P3

SHEET 3 OF 3

Water Calc. Worksheet O'Reilly Auto Parts - La Crosse, WI

Name of Project

INFORMATION REQUIRED TO SIZE WATER SERVICE AND WATER DISTRIBUTION:			
1-	Demand of building in water supply fixture units (WSFU);	(WSFU)	22.25
1.a.	Demand of building in WSFU converted to Gallons Per Minute:	(GPM)	20
(Table SPS 382.40-3)			
2-	Elevation difference from main or external pressure tank to building control valve; (feet)		10
3-	Size of water meter (when required) 5/8" 3/4" 1" X other		
4-	Developed length from main or external pressure tank to building control valve; (feet)		130
5-	Low pressure at main in street or external pressure tank. (psi)		90

CALCULATE WATER SERVICE PRESSURE LOSS
(unnecessary for internal pressure tanks)

6- Low pressure at main in street or external pressure tank. (value of # 5 above) 90

7- Determine pressure loss due to friction in 1 inch diameter water service.
Water service piping material is Copper
Pressure loss per 100 ft. = 13.6 X 1.3 (decimal equivalent of service length, i.e. 65 ft = 0.65) Subtract value of "7" 17.68

Subtotal 72.32

8- Determine pressure loss or gain due to elevation, (multiply the value of # 2 above by .434) Subtract value of "8" 4.34

9- Available pressure after the bldg. control valve. Subtotal 67.98

CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")

B. Available pressure after the bldg. control valve. (from "9" above) Value of "B" 67.98

C. Pressure loss of water meter (when meter is required) Subtract value of "C" 5.0
Subtotal 63.0

D. Pressure at controlling fixture*. Subtract value of "D" 15
(*Controlling fixture is the fixture with the most demanding pressure to operate properly which includes the following when determining fixture performance: loss due to instantaneous water heaters, water treatment devices, and backflow preventers which serve the controlling fixture.) Subtotal 48.0

E. Difference in elevation between building control valve and the controlling fixture in feet; 3 X .434 psi/ft. Subtract value of "E" 1.3
Subtotal 46.7

SBD -6479 (R01/12)

(page 1 of 2)

Water Calc Worksheet O'Reilly Auto Parts - La Crosse, WI

Name of Project

F. Pressure loss due to water treatment devices and backflow preventers which serve the controlling fixture. (Water softeners, filters, etc.)
(Pressure loss due to; Backflow)

F1. WSFU Downstream of Water Treatment Device; 22.25

F2. Convert wsfu to GPM using Table 382.40-3: 20

or
F3. Convert wsfu to GPM using Table 382.40-3e* N/A
(For individual dwellings only)

F4. Refer to manuf. graph to obtain pressure loss: 12
(If no water treatment device enter "0") Subtract value of F4 12.0

Subtotal 34.7

G. Pressure loss through tankless water heaters, combination boiler / hot water heaters, heat exchangers which serve the controlling fixture:

Hot water WSFU's; N/A convert to; GPM = N/A (Table 382.40-3)
Refer to manufacturer's pressure loss graph to determine loss at the required GPM;
N/A pressure loss. Subtract value of "G" 0

Subtotal 34.7

H. Developed length from building control valve to controlling fixture in feet 119 X 1.5 Divide by value "H" 178.5
Subtotal 0.194286
Multiply by: 100

A. Pressure available for uniform loss "A" = 19.42857

Water distribution piping is: Copper

*Note: The "A" value obtained by using Table 382.40-3e can only be used for an individual dwelling when sizing the water treatment device (water softeners, etc) and no hose bibbs, hydrants, or high flow fixtures are being served by the water treatment device.

Note: High flow fixtures are defined as fixtures that exceed a flow rate of 4 gpm @ 80 psi, and water velocity not exceeding 8 ft. per second.
SBD -6479 (R01/12) (page 2 of 2)

NATIONAL ACCOUNT - ROOFTOP UNIT SCHEDULE - 7.5 TON - GAS (3-PHASE) - BY O'REILLY

RTU - RESPONSIBILITIES

- 1.) ALL CARRIER HVAC UNITS WITH ACCESSORIES ARE OWNER SUPPLIED BY O'REILLY AUTOMOTIVE.
2.) MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CARRIER HVAC UNITS.
3.) MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE FIRST YEAR LABOR WARRANTY ON ALL OWNER SUPPLIED EQUIPMENT.
4.) MECHANICAL CONTRACTORS WORKING ON O'REILLY PROJECTS MUST CALL "CARRIER CORPORATION'S NATIONAL ACCOUNTS" DEPARTMENT FOR CONFIRMATION OF ORDERS ONLY!
5.) MECHANICAL CONTRACTOR IS RESPONSIBLE FOR SCHEDULING, SHIPPING & RECEIVING OF ALL CARRIER UNITS FROM CARRIER NATIONAL ACCOUNTS. CONTACT CUSTOMER SERVICE REP. LISTED TO THE RIGHT.

CALL THE CARRIER CUSTOMER SERVICE REP. BELOW FOR CONFIRMATION OF ORDERS. DO NOT CALL CARRIER FOR QUOTES!

CARRIER CORPORATION, NATIONAL ACCOUNTS, 29 INDUSTRIAL PARK DR. BINGHAMTON, NY 13904
CUSTOMER SERVICE REPS: SARA TILTON, SARA TILTON, 866-389-4858 EXT. 3429, sara.tilton@carrier.uto.com
ACCOUNT MANAGER: PAUL WITZ, CELL 315-317-2481, paul.witz@carrier.uto.com

MARK	DESCRIPTION	MFR.	CATALOG NUMBER	HTG. MBH STAGE 1 IN/OUT	HTG. MBH STAGE 2 IN/OUT	THERM. EFF.	CLG. MBH STAGE 1 TOT./SENS.	CLG. MBH STAGE 2 TOT./SENS.	IEER	EER	SUPPLY FAN CFM	O.A.	ESP	HP	MCA	MOCF	W1. (lbs.)	ACCESSORIES	REMARKS	REF. DTL.
RTU-1	WEATHERMASTER	CARRIER	48HCR008B2M5-5A1D0	120/98	60/50	180/148	82%	46.5/36	46.5/36	93/72	13.00	12.00	3000	0.6	1.50	208Y/230Y/3P	1172	HE,SD,MB,HG,VS, EC,UPO,TBEG,SS, RC1,AF,DS,CO2, TS1,RS	△△△	1/M2

ACCESSORIES - FACTORY SUPPLIED AND INSTALLED

- HE - STAINLESS STEEL GAS HEAT EXCHANGER, (MEDIUM HEAT) (15 YR. WARRANTY).
SD - RETURN AIR SMOKE DETECTOR.
MB - MEDIUM STATIC BLOWER, (SINGLE SPEED).
HG - LOWERED HAIL GUARDS.
UPO - UN-POWERED CONVENIENCE OUTLET (FIELD POWERED), 15AMP, 120V, GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE.
TBEG - THRU-THE-BOTTOM-ELECTRIC & GAS SERVICES, (SEE ROOF TOP UNIT DETAILS)
SS - HI & LOW REFRIGERANT SAFETY SWITCHES, (STANDARD ON EVERY UNIT)
AF - 2" RETURN AIR FILTERS, (STANDARD ON EVERY UNIT)
VS - VENSTAR SURVEYOR, (ECP & SENSORS)

ACCESSORIES - FACTORY SUPPLIED & FIELD INSTALLED

- CO2 - CO2 SENSOR, WALL MOUNT, #33ZCSP7C02LCD-01
CO2/SPACE TEMPERATURE SENSOR WITH LCD DISPLAY & NO OVERRIDE.
EC - ENTHALPY ECONOMIZER IV, W/BAROMETRIC RELIEF.

ACCESSORIES - O'REILLY SUPPLIED & FIELD INSTALLED

- TS1 - VENSTAR COMMUNICATION THERMOSTAT, (NO SUBSTITUTIONS). REFER TO SHEET VS1.
RS - VENSTAR REMOTE SENSOR, (NO SUBSTITUTIONS). REFER TO SHEET VS1.
DS - NON-FUSED DISCONNECT SWITCH, (GRAYBAR/O'REILLY) SUPPLIED W/ ELECTRICAL BILL OF MATERIALS.

ACCESSORIES - FIELD SUPPLIED & FIELD INSTALLED

- RC1 - ROOF CURB, (12" STANDARD, 14" IN EXTREME SNOW DRIFT AREA'S) ON NEW BUILDING, ROOF CURB IS BY BUILDING MANUFACTURER. ON EXISTING BUILDING, ROOF CURB IS BY GENERAL CONTRACTOR. WEIGHT OF ROOF CURB IS NOT INCLUDED IN THE WEIGHT ABOVE.

REMARKS

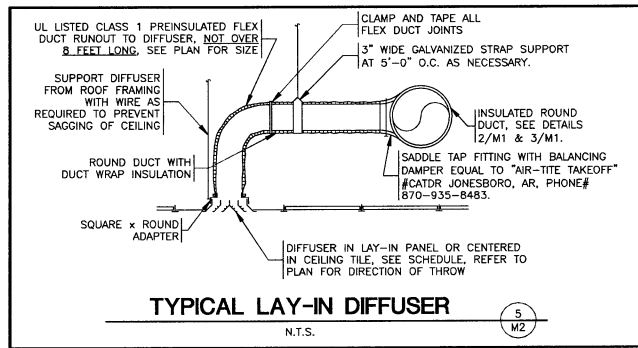
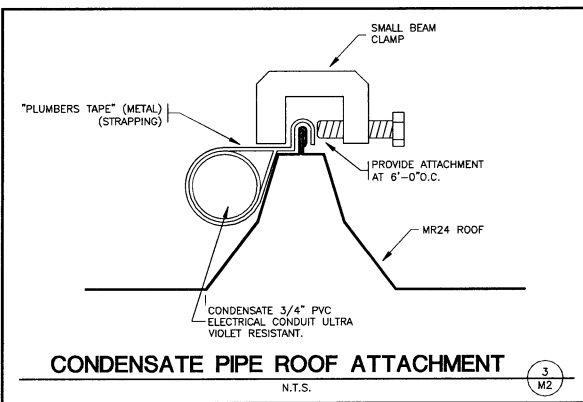
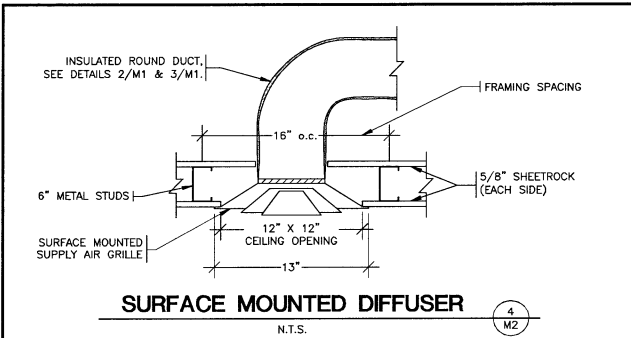
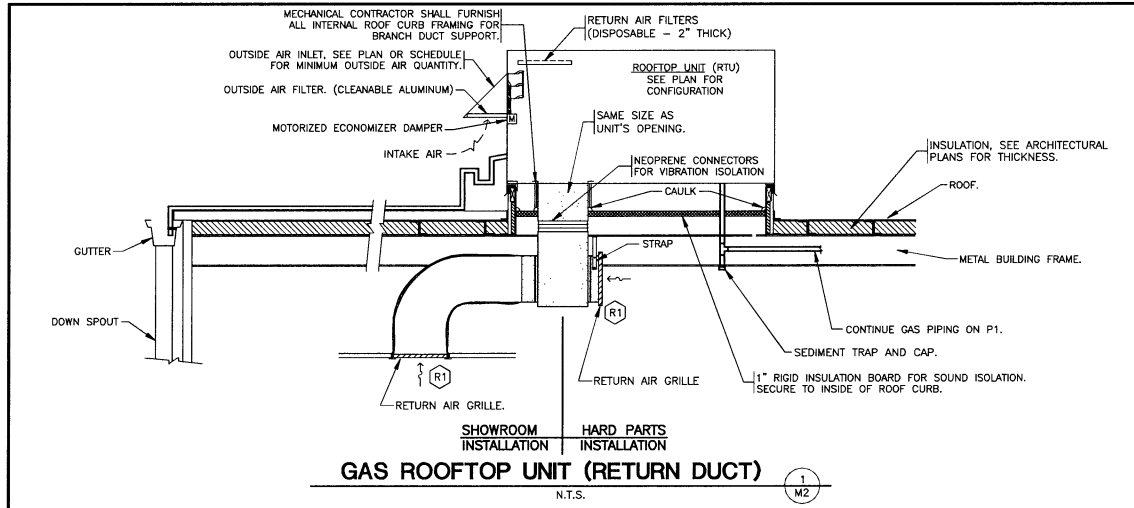
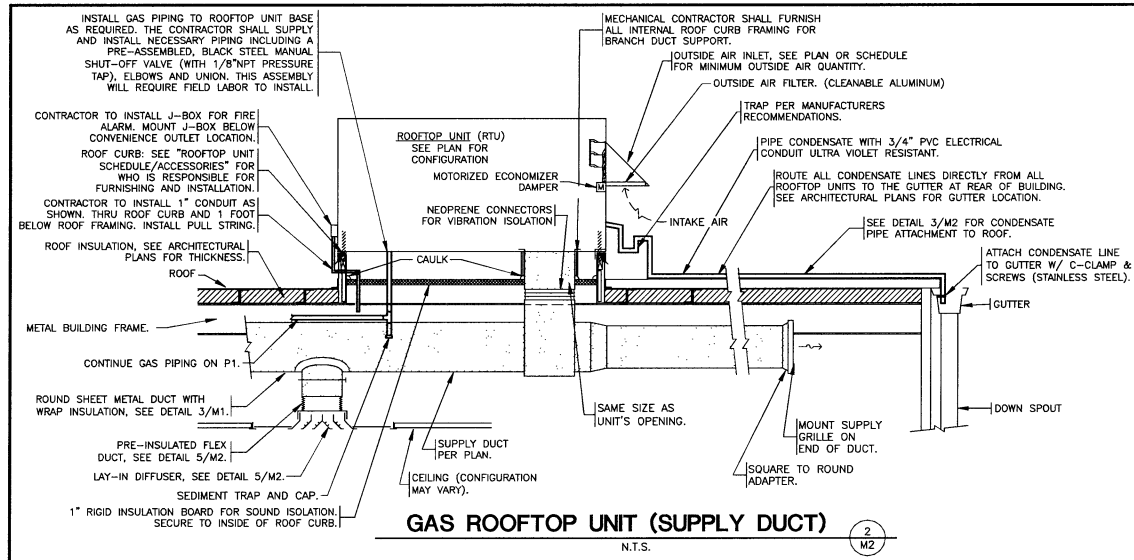
- △ COOLING CAPACITY BASED ON 80°F EDB AND 67°F EWB.
△ CAPACITY BASED ON 95°F AMBIENT TEMPERATURE.
△ NOTE: HVAC COMPLETION, AT CONSTRUCTION COMPLETION:
1. CONTRACTOR SHALL REPLACE ALL RETURN AIR FILTERS INSIDE ALL HVAC UNITS W/CLEAN NEW AIR FILTERS.
2. CONTRACTOR SHALL SUPPLY AN ADDITIONAL CLEAN SET OF FILTERS TO THE OWNER AT JOB COMPLETION.
3. CONTRACTOR SHALL SHOW THE STORE MANAGER THE LOCATION OF & INSTRUCT HIM/HER HOW TO CHANGE ALL AIR FILTERS.
△ FACTORY EQUIPPED WITH STANDARD LOW AMBIENT COOLING TO 35°F ODB.
△ OUTSIDE AIR, SEE PLAN FOR UNIT(S) REQUIRING OUTSIDE AIR.
△ REFRIGERANT = R410A (PURON).
• MAXIMUM CIRCUIT BREAKER OR TIME-DELAY FUSE.

FAN SCHEDULE

MARK	DESCRIPTION	MFR.	CATALOG NUMBER	CFM (NOM)	STATIC PRESS.	MOTOR H.P.	ELECTRICAL V/PH	MCA	MOCF	ACCESSORIES	REMARKS	REF. DETAIL
EF-1	INLINE EXHAUST FAN	COOK	GN-640	500	0.1	350W	120/1	-	-	BD,DS,WC	△△	-
EF-2	INLINE FAN	COOK	GN-640	500	0.1	350W	120/1	-	-	BD,DS,SS	△	-
ACCESSORIES											REMARKS	
BD - GRAVITY BACK DRAFT DAMPER DS - DISCONNECT SWITCH WC - WALL CAP, "COOK" #WCA-6, ALUMINUM SS - FAN SPEED SWITCH "COOK" #FSC (OFFICE ONLY)											△ ADJUST FOR CFM REQUIRED. △ EXHAUST FAN SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO OPERATE WITH EITHER RESTROOMS LIGHT SWITCH. △ FAN IN OFFICE TO BE CONTROLLED BY FAN SPEED SWITCH.	
APPROVED ALTERNATE MANUFACTURER'S												
FANS: *GREENHECK *CARNES												

GRILLE AND DIFFUSER SCHEDULE

MARK	DESCRIPTION	MFR.	CATALOG NUMBER	SIZE (in.)	FINISH	MOUNTING	BRANCH DUCT SIZE	ACCESSORIES	REMARKS	REF. DETAIL
G1	SUPPLY GRILLE	ANEMOSTAT	S2H0	14x14	WHITE	DUCT	SEE PLAN	OB	△	-
S1	SUPPLY DIFFUSER	ANEMOSTAT	E-1-D	12x12	WHITE	SURFACE	SEE PLAN	DT	△△	4/M2
S2	SUPPLY DIFFUSER	ANEMOSTAT	EPL	24x24	WHITE	DUCT/LAY-IN	SEE PLAN	-	△△	5/M2
R1	RETURN GRILLE	ANEMOSTAT	GC5	24x24	WHITE	LAY-IN/EXPOSED	SEE PLAN	-	NON-FILTERED GRILLE	5/M2
R2	RETURN GRILLE	ANEMOSTAT	GC5	12x12	WHITE	SURFACE	SEE PLAN	-	NON-FILTERED GRILLE	4/M2
X1	EXHAUST GRILLE	ANEMOSTAT	S3HS	12x12	WHITE	CEILING	SEE PLAN	OB	-	-
ACCESSORIES						REMARKS				
OB - <u>OPPOSED BLADE DAMPER</u> DT - <u>DIRECTIONAL TABS</u>						△ 1-WAY △ 4-WAY △ DIRECTIONAL TABS, ADJUST TO PROVIDE THROW AS INDICATED ON PLANS.				
APPROVED ALTERNATE MANUFACTURER'S										
GRILLES, DIFFUSERS & DAMPERS: TUTTLE & BAILEY *NAILOR PRICE INDUSTRIES *TITUS *ARROW *KRUEGER *CARNES										



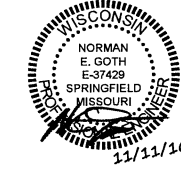
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SEAL:



11/11/16
DATE ISSUED

O'Reilly AUTO PARTS

710 GEORGE STREET
LACROSSE, WI 54603

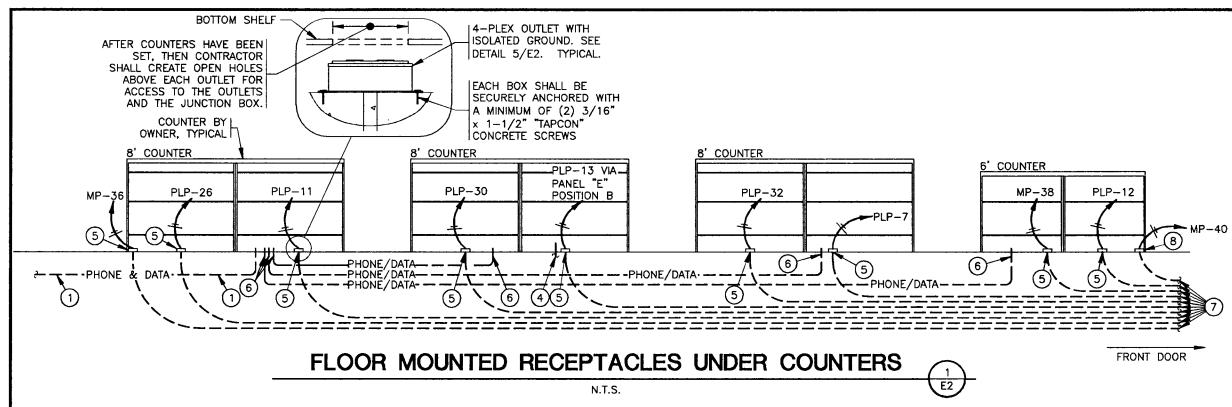
SHEET TITLE:
MECHANICAL SCHEDULES

REVISIONS:

NO.	DATE	BY

PROJECT NO: LW2
DRAWN BY: LRB

M2
SHEET 2 OF 2

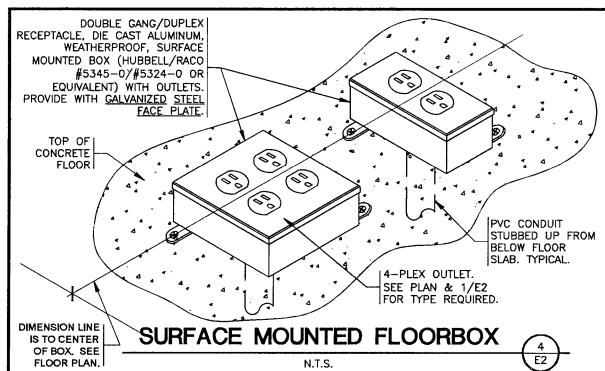
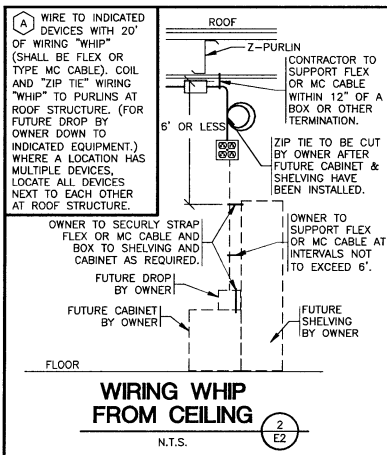
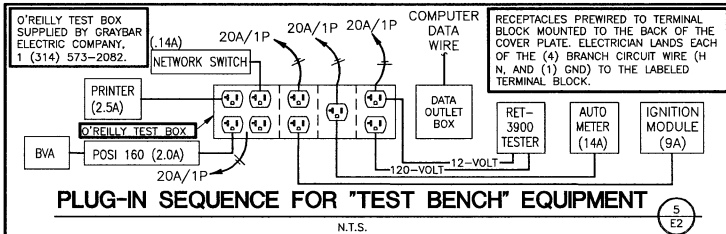
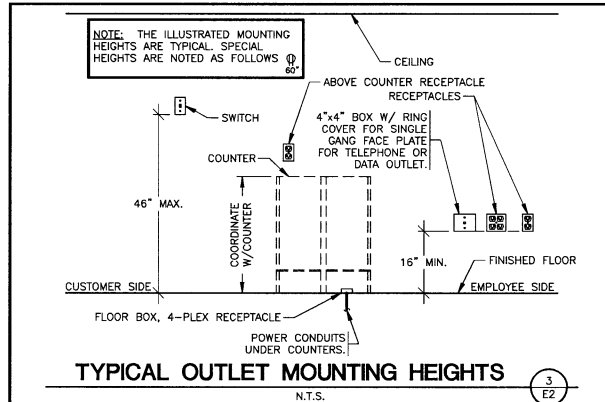


TELEPHONE & COMPUTER DATA SYSTEMS:

- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL TELEPHONE AND DATA CONDUITS.
- ELECTRICAL CONTRACTOR SHALL VACUUM OUT ALL CONDUITS TO REMOVE WATER.
- ELECTRICAL CONTRACTOR SHALL PROVIDE PULL-STRING IN EACH CONDUIT.
- OWNER SHALL PROVIDE AND INSTALL ALL TELEPHONE AND DATA WIRING.

FIRE ALARM NOTE:

IN THE EVENT A MONITORED FIRE ALARM SYSTEM IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE ALARM SYSTEM WILL BE CONTRACTED DIRECTLY BY THE ALARM SERVICES MANAGER, LEIGH SIDES, WITH THE O'REILLY AUTOMOTIVE CORPORATE OFFICE. THE GENERAL CONTRACTOR SHALL NOT PROCURE ANYONE TO INSTALL OR QUOTE THESE SYSTEMS UNLESS THEY HAVE BEEN ASKED TO DO SO BY LEIGH SIDES. PLEASE CONTACT LEIGH SIDES @ 417-829-5712 IF A SYSTEM IS NEEDED OR IF THERE ARE ANY QUESTIONS.



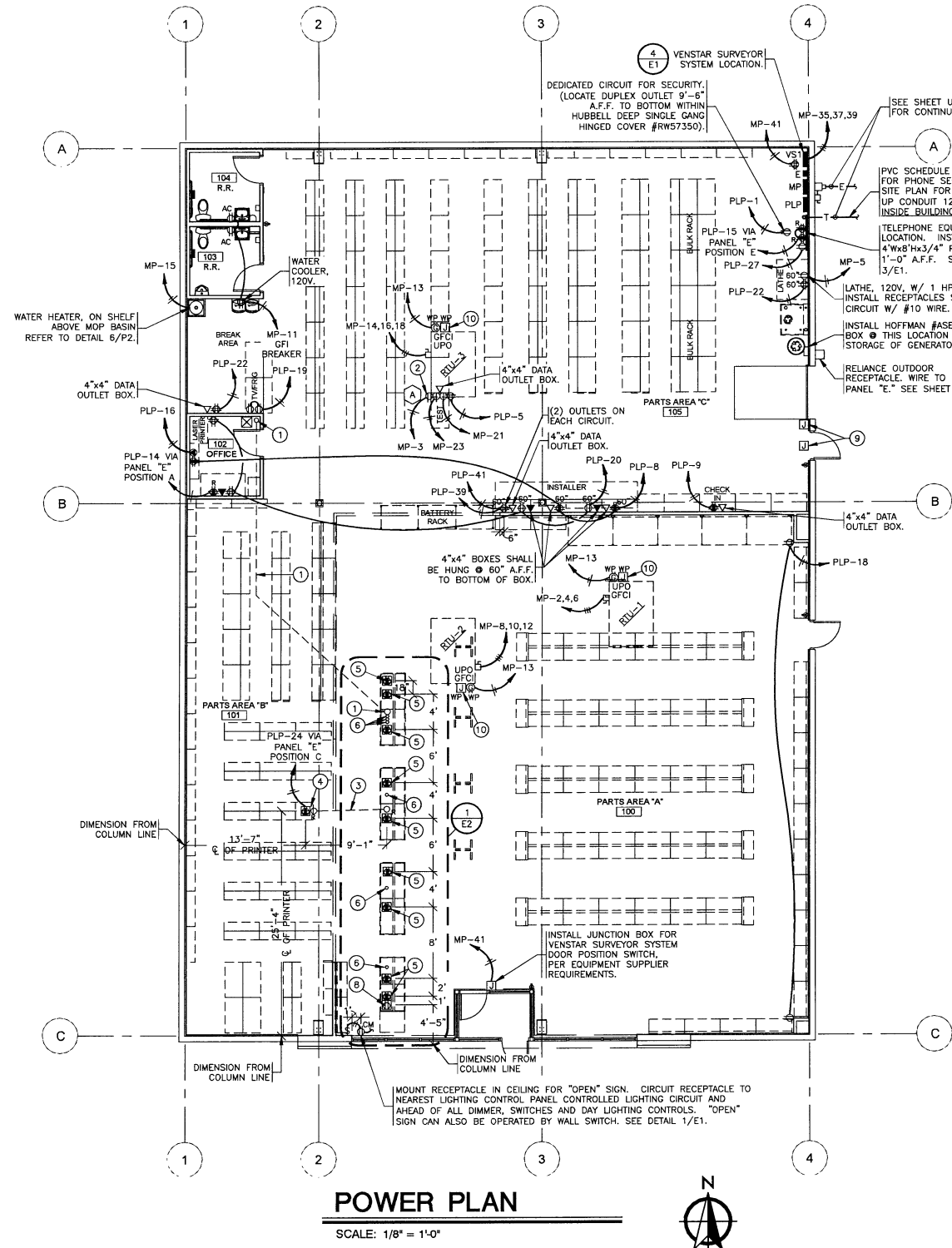
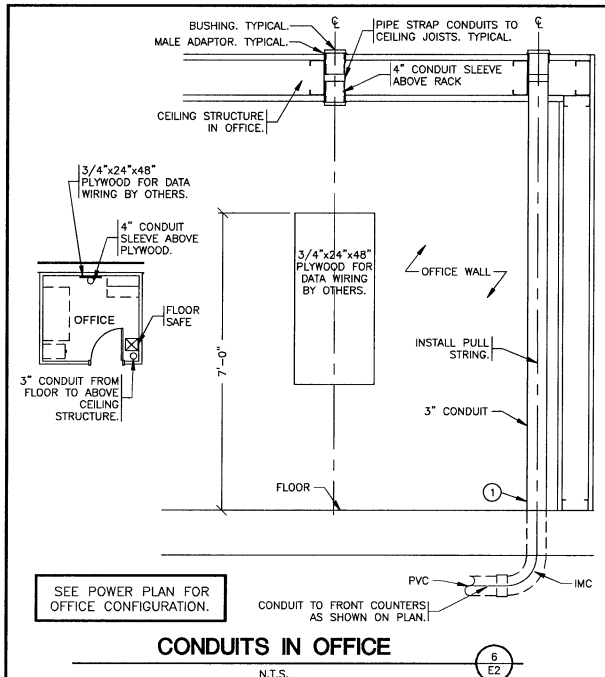
KEYNOTES:

- 3" CONDUIT UNDERSLAB FROM COUNTER TO OFFICE FOR PHONE & DATA WIRING BY OWNER. STUB 3" CONDUIT TO A MINIMUM OF 9 FEET ABOVE FINISH FLOOR IN OFFICE. STUB 3" CONDUIT TO A MINIMUM OF 2-INCHES ABOVE FINISH FLOOR UNDER COUNTER. SEE DETAIL 1/E2 & 6/E2. INSTALL PULL STRING.
- ALTERNATOR TESTER OUTLET BOX (SUPPLIED BY GRAYBAR, SEE E3 SHEET FOR CONTACT INFORMATION), 120V. INSTALL (1) DUPLEX OUTLET ON ONE CIRCUIT, (2) SINGLE OUTLETS EACH ON THEIR OWN CIRCUIT WITH #10 WIRE, (1) QUADPLEX OUTLET ON ONE CIRCUIT & A COMPUTER DATA OUTLET BOX. SEE DETAIL 5/E2.
- 4" CONDUIT UNDERSLAB FROM UNDER COUNTER TO PRINTER LOCATION. STUB 4" CONDUIT TO A MINIMUM OF 2-INCHES ABOVE FINISH FLOOR UNDER COUNTER AND PRINTER LOCATION. FOR OWNER TO INSTALL PRINTER CABLE.
- FLOOR 4-PLEX ISOLATED GROUND RECEPTACLE FOR PRINTER. SEE DETAIL 4/E2.
- FLOOR 4-PLEX ISOLATED GROUND RECEPTACLE. SEE DETAIL 4/E2.
- STUB UP 2" CONDUITS (FOR PHONE/DATA) TO A MINIMUM OF 2-INCHES ABOVE FINISH FLOOR. NO BOXES REQUIRED. TYPICAL OF ALL COUNTERS. SEE DETAIL 1/E2.
- 3/4" PVC CONDUIT UNDERSLAB. RUN ONE PVC CONDUIT FROM EACH FLOOR RECEPTACLE TO PANEL LOCATION.
- FLOOR DUPLEX RECEPTACLE (FOR COKE MACHINE) SEE DETAIL 4/E2 SIMILAR.
- INSTALL JUNCTION BOXES FOR ENERGY MANAGEMENT SYSTEM DOOR POSITION SWITCHES AND WIRE TO CONTROLLING HVAC IN AREA OF BACK DOOR, PER EQUIPMENT SUPPLIER REQUIREMENTS. SEE SHEET VS1.
- CONTRACTOR TO INSTALL J-BOX, CONDUIT, AND PULL STRING FOR FIRE ALARM. MOUNT J-BOX BELOW OPTIONAL CONVENIENCE OUTLET LOCATION. REFERENCE SHEET M2.

NOTE: ALL SWITCHGEAR (PANELBOARDS, TRANSFORMERS, AND DISCONNECTS) (EXCEPT FOR ROOFTOP UNITS) WILL BE SUPPLIED BY THE OWNER (O'REILLY). SWITCHGEAR SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE ELECTRICAL EQUIPMENT DISTRIBUTOR LISTED ON SHEET E3.

MARKING OF ELECTRICAL WORKING SPACE

IN FRONT OF ALL METER PANELS, SUB PANELS, TRANSFORMERS, AND DISCONNECTS, PROVIDE A WORKING SPACE IN FRONT, ON THE FLOOR. RECTANGLE, PAINT WITH CONTRASTING COLOR, 4-INCH BRUSH STROKES WITH DIAGONAL LINES INSIDE, WITH 6-INCH LETTERS, "NO STORAGE" BLOCKED IN, AND/OR LARGE STICKER SAYING THE SAME THING. 4'-0" DEPTH TYPICAL AT ALL LOCATIONS.



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DATE ISSUED

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O'Reilly AUTO PARTS
710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:

POWER PLAN

REVISIONS:

NO.	DATE	BY

PROJECT NO: LW2
DRAWN BY: LRB

E2
SHEET 2 OF 3

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ALL PANELBOARDS, TRANSFORMERS, TRANSFER SWITCH KIT AND DISCONNECTS WILL BE SUPPLIED BY THE OWNER (O'REILLY). ELECTRICAL GEAR SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR. SEE 'ELECTRIC SERVICE RESPONSIBILITIES' FOR ADDITIONAL CLARIFICATION.

GRAYBAR ELECTRIC CO. INC.
11885 LAKELAND ROAD
ST. LOUIS, MO. 63146

ATTN: SANDI YOUNG - DIRECT LINE: 1 (314) 573-2082
OR KATHY SCHRUFF - DIRECT LINE: 1 (314) 573-2084
sandi.young@graybar.com or kathy.schruff@graybar.com
TOLL FREE = 1-800-289-5254
TOLL FREE FAX = 1-888-280-0128

MP PANELBOARD SCHEDULE									
MAINS: 400A MAIN LUGS ONLY					ACCESSORIES:				
TYPE: SQUARE D, NODD					PHASE: 3Ø, 4W				
MOUNTING: SURFACE					WIDTH: 20				
SCCR: 10K AIC					SPACE(S): 42				
CKT	CKT BRK	WIRE	LOAD DESCRIPTION	(KVA)	A(KVA)	B(KVA)	C(KVA)	(KVA)	LOAD DESCRIPTION
1			SPACE	0	3.94			3.94	
3	20A/1P	#10s	STARTER/ALT. TESTER	1.64		5.58		3.94	RTU-1
5	20A/1P	#10s	LATHE	1.70			5.64	3.94	
7	20A/1P	#12s	LIGHTING	1.33	5.27			3.94	
9	20A/1P	#12s	LIGHTING	1.25		5.19		3.94	RTU-2
11	**20A/1P	#12s	WATER COOLER RECEPT.	0.54			4.48	3.94	
13	20A/1P	#12s	RTU RECEPTACLES	0.54	4.48			3.94	
15	**20A/1P	#12s	TANK WATER HEATER	1.65		5.59		3.94	RTU-3
17			SPACE	0		3.94		3.94	
19			SPACE	0	0.00			0	
21	20A/1P	#10s	STARTER/ALT. TESTER	1.68		1.68		0	SPACE
23	20A/1P	#10s	STARTER/ALT. TESTER	1.68			1.68	0	SPACE
25	20A/1P	#12s	LIGHTING	0.96	0.96			0	SPACE
27				10.45		10.45		0	SPACE
29	100A/3P		PLP PANEL	7.41			7.41	0	SPACE
31				8.12		8.12		0	SPACE
33	20A/1P	#12s	BUILDING LIGHTING	0.34		0.34		0	SPACE
35				0.03		0.39		0.36	ISOLATED GRD. RECEPTS. #12s 20A/1P
37	15A/3P	#12s	VENSTAR SURVEYOR POWER MONITOR	0.03	0.39			0.36	ISOLATED GRD. RECEPTS. #12s 20A/1P
39				0.03		1.78		0	COKE MACHINE (ONLY) #12s 20A/1P
41	15A/1P	#12s	DATA CONCENTRATOR RECEPT.	0.60		0.60		0	SPACE
42									
TOTAL PHASE A (KVA)				23.16	TOTAL PHASE B (KVA)				30.61
TOTAL PHASE C (KVA)				24.14	TOTAL CONNECTED LOAD (KVA)				77.91
TOTAL AMPS					TOTAL AMPS				216.26

PLP PANELBOARD SCHEDULE									
MAINS: 225A MAIN LUGS ONLY					ACCESSORIES:				
TYPE: SQUARE D, NODD					PHASE: 3Ø, 4W				
MOUNTING: SURFACE					WIDTH: 20				
SCCR: 10K AIC					SPACE(S): 42				
CKT	CKT BRK	WIRE	LOAD DESCRIPTION	(KVA)	A(KVA)	B(KVA)	C(KVA)	(KVA)	LOAD DESCRIPTION
1	20A/1P	#12s	SECURITY	0.50	1.80			1.30	LIGHTING
3	20A/1P	#12s	LIGHTING/EXHAUST FAN	0.84		2.40		1.56	LIGHTING
5	20A/1P	#12s	RECEPTACLES	0.36			1.45	1.09	LIGHTING
7	20A/1P	#12s	ISOLATED GRD. RECEPTS.	0.36	1.44			1.08	ISOLATED GRD. RECEPTS.
9	20A/1P	#12s	CHECK IN RECEPT. (I.G.)	0.50		1.21		0.71	LIGHTING
11	20A/1P	#12s	ISOLATED GRD. RECEPTS.	0.36			0.72	0.36	ISOLATED GRD. RECEPTS.
13	20A/1P	#12s	ISOLATED GRD. RECEPTS.	0.36	0.72			0.36	ISOLATED GRD. RECEPTS.
15	15A/1P	#12s	PHONE EQUIP. RECEPTS.	0.72		3.72		3.00	BATTERY BACKUP (I.G.)
17			SPACE	0		0.36	0.36	0	RECEPTACLES
19	20A/1P	#12s	BREAK AREA RECEPTS.	0.36	1.44			1.08	RECEPTACLES
21	**20A/1P	#12s	LED BUILDING SIGN	0.52		1.42		0.90	BREAK AREA RECEPTS.
23	20A/1P	#12s	LIGHTING	0.67		1.17	0.50	0	PRINTER RECEPTACLE
25	20A/1P	#12s	LIGHTING	0.18	0.54			0.36	ISOLATED GRD. RECEPTS.
27	20A/1P	#12s	RECEPTACLES	1.00		1.00		0	SPACE
29	20A/1P	#12s	SITE SIGN	1.30		1.66	0.36	0	ISOLATED GRD. RECEPTS.
31	20A/1P	#12s	SITE SIGN	1.30	1.66			0.36	ISOLATED GRD. RECEPTS.
33	**20A/1P	#12s	LED BUILDING SIGN	0.52		0.52		0	SPACE
35	20A/1P	#12s	SITE LIGHTING	1.87		1.87		0	SPACE
37	**20A/1P	#12s	LED BUILDING SIGN	0.52	0.52			0	SPACE
39	20A/1P	#10s	BATTERY RACK RECEPT.	0.18		0.18		0	SPACE
41	20A/1P	#10s	BATTERY RACK RECEPT.	0.18		0.18		0	SPACE
42									
TOTAL PHASE A (KVA)				8.12	TOTAL PHASE B (KVA)				10.45
TOTAL PHASE C (KVA)				7.41	TOTAL CONNECTED LOAD (KVA)				25.98
TOTAL AMPS					TOTAL AMPS				72.12

E TRANSFER SWITCH SCHEDULE		
POSITION	CIRCUIT BREAKER	LOAD DESCRIPTION
A	15A/1P	OFFICE COMPUTER
B	15A/1P	COUNTER RECEPTACLES
C	*20A/1P	PRINTER
D	*20A/1P	SHOWROOM LIGHTING
E	15A/1P	TELEPHONE EQUIPMENT RECEPTACLE
F	15A/1P	SPARE
* CONTRACTOR SHALL WIRE LIGHTING CIRCUITS TO 20 A BREAKERS.		

NOTE: ALL BRANCH CIRCUITS SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR RUST WITH THE CIRCUIT CONDUCTORS. THIS MEANS ALL CONDUITS MUST HAVE A GREEN WIRE INSTALLED IN THEM AND SIZED IN ACCORDANCE WITH TABLE 250.122 OF THE N.E.C.

DOT-HATCH REPRESENTS CIRCUITS THAT ARE ASSOCIATED WITH OPTIONAL STANDBY GENERATOR CONTROL.

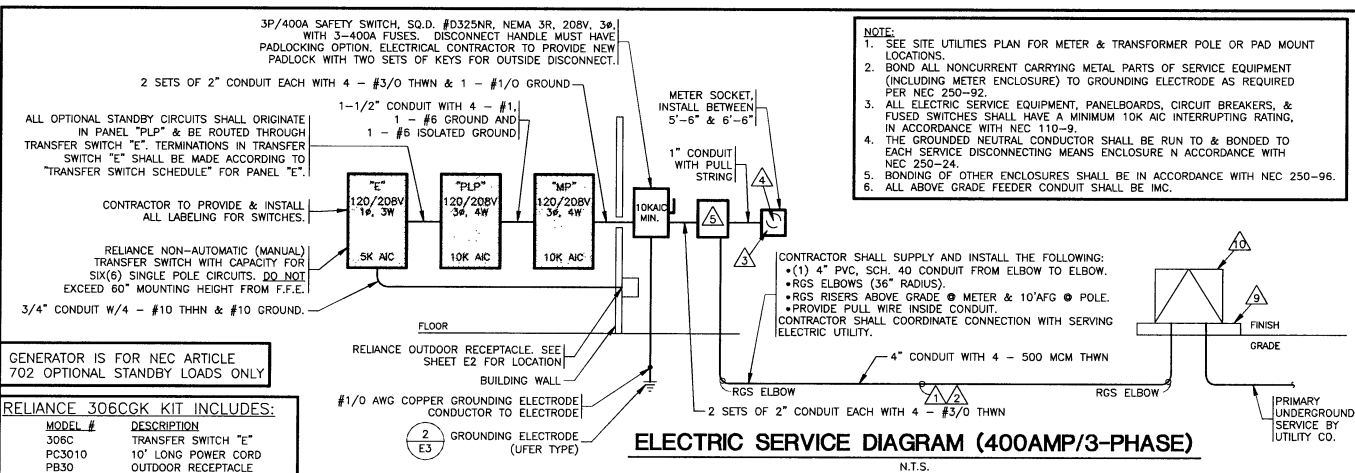
WIRING & LABELING OF EXIT & EMERGENCY LIGHT CIRCUITS

1. SEE DETAIL 1/E1 FOR WIRING OF EXIT & EMERGENCY LIGHTS ON THESE CIRCUITS.

2. ALL EXIT & EMERGENCY LIGHTING CIRCUITS SHALL BE LABELED BY THE CONTRACTOR ON THE "PANEL DIRECTORY". (SPEC: NEPA 70.408.4 & 700.126.)

GENERAL ELECTRICAL NOTES

- DRAWINGS ARE DIAGRAMMATIC & ARE NOT TO BE SCALED. SEE THE ARCHITECTURAL PLANS & FIELD VERIFY CONDITIONS FOR DIMENSIONS.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE EDITION OF NFPA 70-NATIONAL ELECTRIC CODE (NEC) AS NOTED ON THE COVER SHEET.
- ALL WIRING SHALL BE IN CONDUIT, EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:
 - MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.
 - MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 1/E2) SHALL BE INSTALLED INSIDE OF THE FRONT CHECKOUT COUNTERS.
- FEEDER CONDUIT SHALL BE IMC OR RGS ABOVE GRADE & PVC BELOW GRADE WITH IMC OR RGS ELLS & RISERS. INTERIOR BRANCH CIRCUIT CONDUIT SHALL BE ELECTRICAL METALLIC TUBING. EXTERIOR BRANCH CIRCUIT CONDUIT SHALL BE PVC BELOW GRADE WITH IMC OR RIGID GALVANIZED STEEL CONDUIT CONTINUING ABOVE GRADE. (SPEC 26 05 33)
- COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICTS. COORDINATION DOES NOT MEAN "I WAS HERE FIRST."
- ALL WIRING IN FINISHED SPACES SHALL BE CONCEALED, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE & FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
- COORDINATE ALL EQUIPMENT ROUGH-IN CONNECTION REQUIREMENTS.
- ALL OUTLET BOXES SHALL BE METALLIC. (SPEC 26 05 34)
- ALL CAULKING ON BUILDING PENETRATIONS SHALL BE ELASTOMERIC POLYURETHANE (NO EXCEPTIONS). EQUAL TO "YULKEM" 118. ANY CONTRACTOR WHO USES SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE & REPLACE WITH ELASTOMERIC POLYURETHANE.
- RECEPTACLES INSTALLED IN RESTROOMS SHALL BE GFCI TYPE OR SHALL BE PROTECTED BY A GFI DEVICE.
- ALL DEVICES SHALL BE IVORY & SHALL BE EQUAL TO THE FOLLOWING:
 - SINGLE POLE SWITCHES --- THREE-WAY SWITCHES --- DUPLEX RECEPTACLE --- (SPEC 26 27 26)
 - GFCI DUPLEX RECEPTACLE --- ISO. GRD. RECEPTACLES
- USE DEVICE PLATES MANUFACTURED BY THE DEVICE MANUFACTURER. (SPEC 26 27 26)
- FEEDER & BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, STRANDED, 600V THIN/THWN INSULATION. EXCEPTION: WIRE SIZES #10 AWG & SMALLER SHALL BE SOLID. (SPEC 26 05 19)
- CONTRACTOR SHALL PROVIDE A TYPED CIRCUIT DIRECTORY FOR ALL PANELS. (SPEC 26 05 53)
- CONTRACTOR SHALL PROVIDE A ONE(1) YEAR WARRANTY ON ALL WORK PERFORMED.
- CONTRACTOR SHALL PROVIDE NEW WORKING LAMPS IN ALL LIGHT FIXTURES AT JOB COMPLETION.
- CONTRACTOR SHALL COORDINATE WITH & SHALL INCLUDE ALL FEES FOR THE SERVING "ELECTRIC UTILITY CO." TO PROVIDE ELECTRIC SERVICE AS SHOWN. CONTRACTOR SHALL ALSO INCLUDE ALL FEES FOR THE "SERVING PHONE COMPANY" TO INSTALL NO LESS THAN 10 PAIR CABLE TO BUILDING.
- CONTRACTOR SHALL ARRANGE FOR & INCLUDE ALL PERMITS & FEES FOR HIS SCOPE OF WORK.
- CONTROL WIRING BY HVAC CONTRACTOR. FINAL CONNECTIONS BY HVAC CONTRACTOR. SEE SHEET M1.
- APPROVED MANUFACTURERS:
 - A. PANELBOARDS & SAFETY SWITCHES (DISCONNECTS):
 - "SQUARE D"
 - "GE"
 - "SIEMENS"
 - "OUTLER-HAMMER"
 - B. DEVICES:
 - "HUBBELL"
 - "LEVITON"
 - "PASS & SEYMOUR"
 - "HUBBELL"
 - C. FLOOR BOXES:
 - "STEEL CITY"
 - "APPLETON"
 - "HUBBELL"
- (SPEC 26 24 00) (SPEC 26 27 26) (SPEC 26 05 34)
- MULTIWIRE BRANCH CIRCUITS WITH A "SHARED NEUTRAL" ARE NOT ALLOWED FOR SINGLE PHASE CIRCUITS.



NOTE: 1. BOND ALL NONCURRENT CARRYING METAL PARTS OF SERVICE EQUIPMENT (INCLUDING METER ENCLOSURE) TO GROUNDING ELECTRODE AS REQUIRED, PER NEC 250-92.

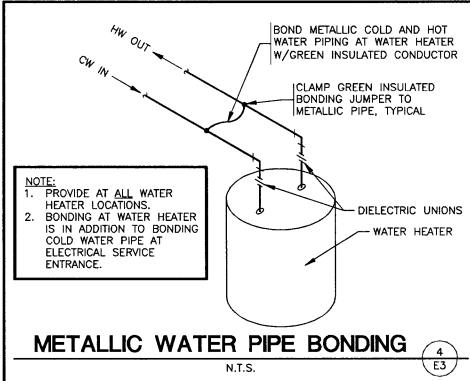
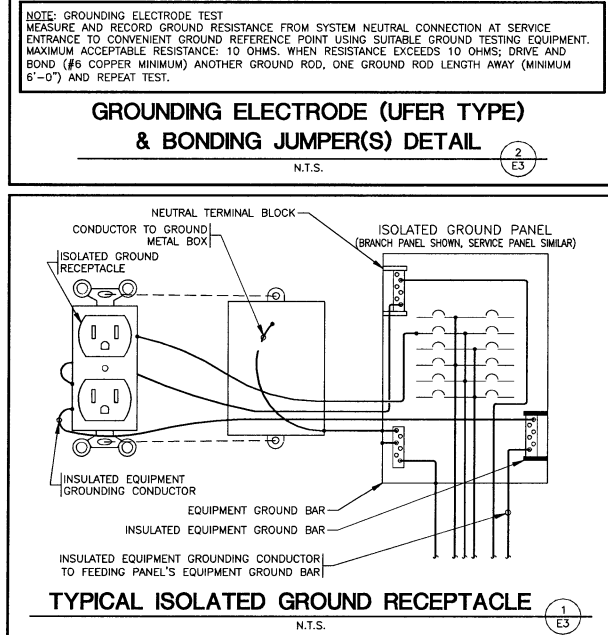
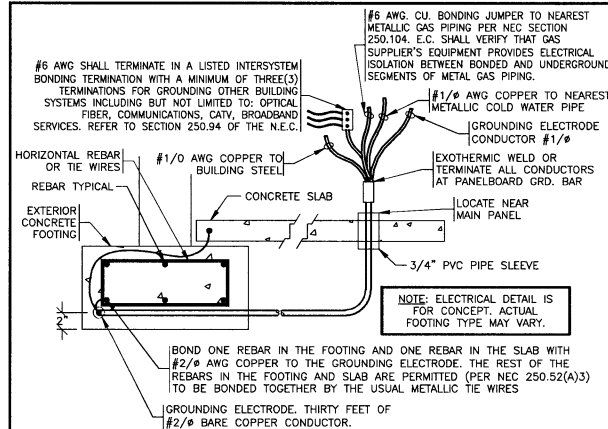
2. THE GROUNDING NEUTRAL CONDUCTOR SHALL BE RUN TO AND BONDED TO EACH SERVICE DISCONNECTING MEANS ENCLOSURE IN ACCORDANCE WITH NEC 250-24c.

3. BONDING OF OTHER ENCLOSURES SHALL BE IN ACCORDANCE WITH NEC 250-96.

SERVICE EQUIPMENT GROUNDING & BONDING SHALL BE IN ACCORDANCE WITH: *NEC 250-24 *NEC 250-28 *NEC 250-53 *NEC 250-66 *NEC 250-90 *NEC 250-92 *NEC 250-130

BONDING REQUIREMENTS

N.T.S.



ELECTRICAL SYMBOL LEGEND & ABBREVIATIONS

- \$ SINGLE POLE SWITCH
- \$2 TWO POLE SWITCH
- \$3 THREE-WAY SWITCH
- \$up MOTOR STARTING SWITCH WITH PILOT LIGHT
- \$x CLASS 1, DIVISION 1 HAZARDOUS LOCATION RATED SWITCH ASSEMBLY
- \$fw WALL MOUNTED OCCUPANCY SENSOR EQUAL TO "LEVITON, OD510-ID"
- \$fw2 WALL MOUNTED OCCUPANCY SENSOR EQUAL TO "LEVITON, OSSMD-MD"
- \$sa FAN SPEED SWITCH (SUPPLIED BY HVAC CONTRACTOR / INSTALLED BY ELECTRICAL CONTRACTOR)
- ⊕ SINGLE RECEPTACLE
- ⊕ DUPLEX RECEPTACLE
- ⊕ ISOLATED GROUND DUPLEX RECEPTACLE (ORANGE IN COLOR) (1 E3)
- ⊕ QUADPLEX RECEPTACLE (TWO DUPLEX RECEPTACLES IN ONE 2-GANG BOX UNDER A SINGLE COVERPLATE)
- ⊕ EXISTING UNPOWERED DUPLEX RECEPTACLE
- ⊕ ISOLATED GROUND QUADPLEX RECEPTACLE (TWO ISO. GRD. DUPLEX RECEPTACLES IN ONE 2-GANG BOX UNDER A SINGLE RED IN COLOR COVERPLATE)
- ⊕ ABOVE COUNTER GFCI (GROUND FAULT CIRCUIT INTERRUPTING) DUPLEX RECEPTACLE
- ⊕ WEATHER PROOF GFCI (GROUND FAULT CIRCUIT INTERRUPTING) DUPLEX RECEPTACLE. COVER TO PROVIDE WEATHER PROOF PROTECTION WITH CORD AND PLUG IN USE.
- ⊕ TELEPHONE OUTLET BOX.
- ⊕ TELEPHONE OUTLET FLOOR BOX. SEE DETAIL 5/E2.
- ⊕ PHONE/DATA FLOOR BOX. SEE DETAIL 5/E2
- ⊕ COMPUTER DATA OUTLET FLOOR BOX. SEE DETAIL 5/E2.
- ⊕ JUNCTION BOX
- ⊕ REMOTE PHOTO CONTROL
- ⊕ COMPUTER DATA OUTLET BOX.
- ⊕ 4" SQUARE STEEL BOX MOUNTED FLUSH ON FLOOR W/QUADPLEX RECEPTACLE (SEE ABOVE RECEPTACLE DESCRIPTION). SEE DETAIL 5/E2 FOR INSTALLATION OF BOX.
- ⊕ 4" SQUARE STEEL BOX MOUNTED FLUSH ON FLOOR W/QUADPLEX ISOLATED GROUND RECEPTACLE (SEE ABOVE ISOLATED GROUND RECEPTACLE DESCRIPTION). SEE DETAIL 5/E2 FOR INSTALLATION OF BOX.
- ⊕ 4" SQUARE STEEL BOX MOUNTED FLUSH ON FLOOR W/QUADPLEX ISOLATED GROUND RECEPTACLE (SEE ABOVE ISOLATED GROUND RECEPTACLE DESCRIPTION). SEE DETAIL 5/E2 FOR INSTALLATION OF BOX.
- ⊕ 2" x 4" RECTANGULAR STEEL BOX MOUNTED FLUSH ON FLOOR W/DUPLEX RECEPTACLE (SEE ABOVE RECEPTACLE DESCRIPTION). SEE DETAIL 5/E2 FOR INSTALLATION OF BOX.
- ⊕ NEMA L5-30R - SPECIAL RECEPTACLE
- ⊕ MOTOR
- ⊕ FUSED DISCONNECT (SAFETY) SWITCH W/ SWITCH AMPACITY / FUSE AMPACITY AS INDICATED.
- ⊕ NON-FUSED DISCONNECT (SAFETY) SWITCH
- ⊕ POWER OR LIGHTING PANEL W/PANEL DESIGNATION SHOWN ON PLAN (SIZES & MOUNTING INDICATED ON PLANS)
- ⊕ WALL/CEILING MOUNTED COMBINATION "EXIT/EMERGENCY" SIGN W/SHADING INDICATING FACES.
- ⊕ EMERGENCY LIGHTING FIXTURE WITH BATTERY
- ⊕ 24 HOUR LIGHT, WIRE AHEAD OF ANY LOCAL SWITCHES.
- ⊕ FEEDING PANEL AND CIRCUIT NUMBER(S)
- ⊕ NOTE: EQUIPMENT GROUND CONDUCTOR NOT SHOWN
- ⊕ CIRCUIT CONDUCTORS
- ⊕ GROUNDING CIRCUIT CONDUCTOR (OR NEUTRAL)
- ⊕ MOTION DETECTOR - BY VENSTAR (NOT USED WHERE DIMMING OF INTERIOR LIGHTING IS REQUIRED)
- ⊕ LOCATED ABOVE COUNTER
- ⊕ TIME SWITCH
- ⊕ BLOWER COIL UNIT
- ⊕ CONDENSING UNIT
- ⊕ EXHAUST FAN
- ⊕ ELECTRIC FURNACE
- ⊕ GAS FURNACE
- ⊕ AIR HANDLER
- ⊕ HEAT PUMP UNIT
- ⊕ PACKAGED ROOFTOP UNIT
- ⊕ INTERMEDIATE METALLIC TUBING
- ⊕ LIGHTING CONTRACTOR
- ⊕ W
- ⊕ WALL OUTLET (46" AFF SEE MOUNTING HEIGHTS)
- ⊕ WP
- ⊕ WEATHERPROOF (ENCLOSURE) EXPLOSION PROOF ASSEMBLY
- ⊕ X
- ⊕ GFCI
- ⊕ GRD./FAULT CIRCUIT INTERRUPT
- ⊕ EMT
- ⊕ ELECTRICAL METALLIC TUBING
- ⊕ CM
- ⊕ CEILING MOUNTED

ELECTRIC SERVICE RESPONSIBILITIES

SEE SITE PLAN FOR UTILITY COMPANY CONTACT.			
ITEM NO.	DESCRIPTION (IF APPLICABLE)	FURNISHED BY	INSTALLED BY
		UTILITY CO.	CONTRACTOR
1	SERVICE LATERAL	X	X
2	SERVICE LATERAL RACEWAY	X	X
3	METER BASE	X	X
4	METER	X	X
5	CT CABINET	X	X
6	OH SERVICE RISER	X	X
7	SERVICE DROP POLE	X	X
8	SERVICE RISER	X	X
9	TRANSFORMER PAD	X	X
10	PAD MOUNT TRANSFORMER	X	X

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tjohnson@cmarch.com



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11/11/16
DATE ISSUED

Reilly AUTO PARTS

710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:

ELECTRICAL SCHEDULES

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: LW2
DRAWN BY: LRB

E3

SHEET 3 OF 3

SEAL:



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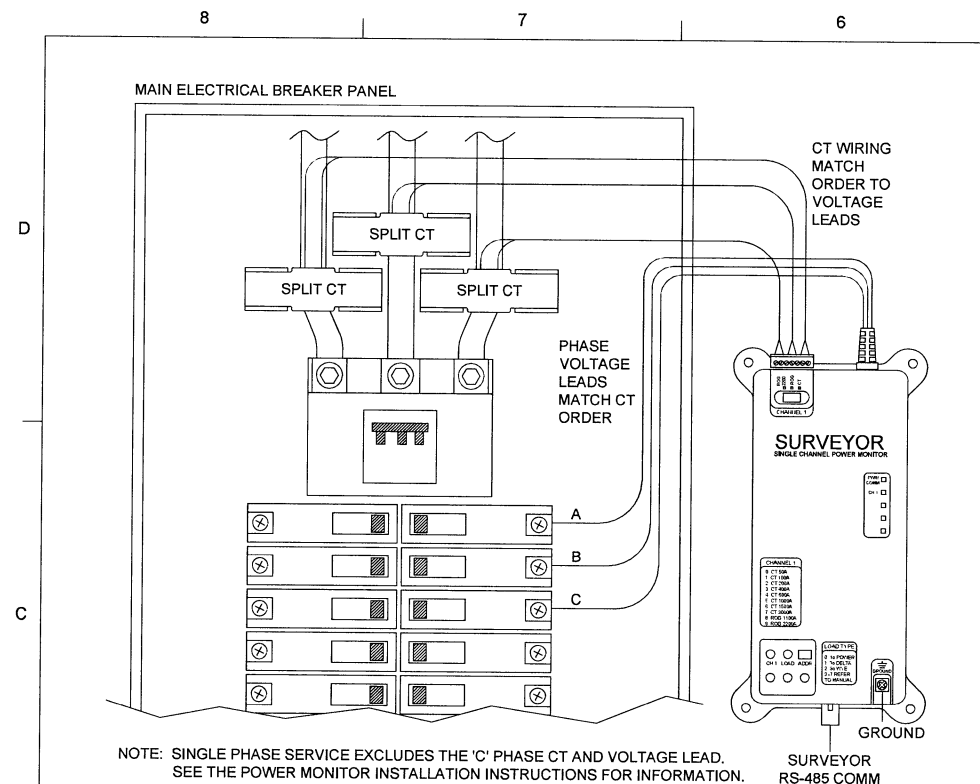
O'Reilly AUTO PARTS
710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:
VENSTAR SURVEYOR

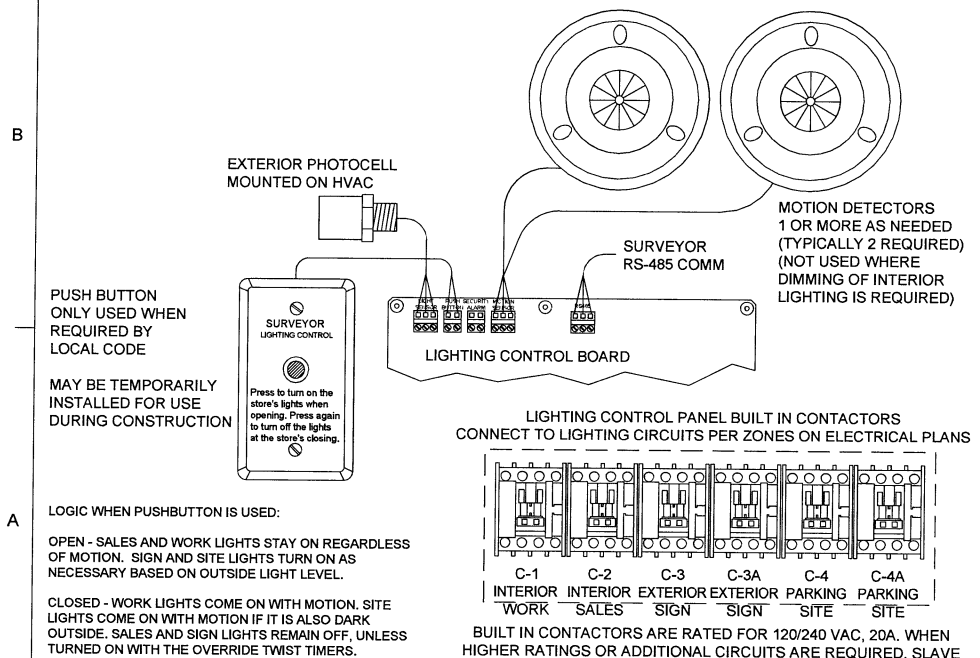
REVISIONS:		
NO.	DATE:	BY:

PROJECT NO: LW2
DRAWN BY: LRB

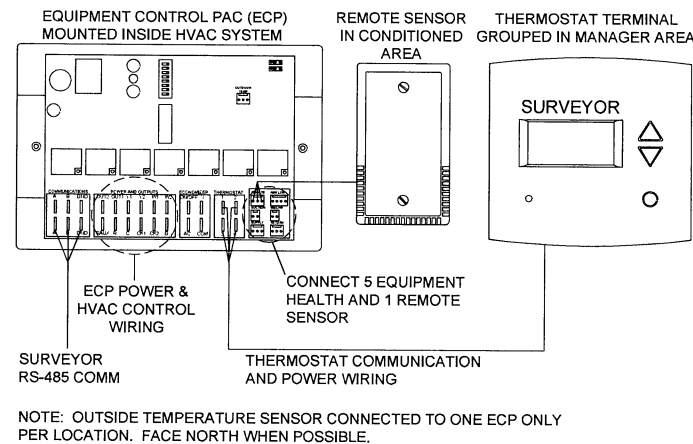
VS1
SHEET 1 OF 3



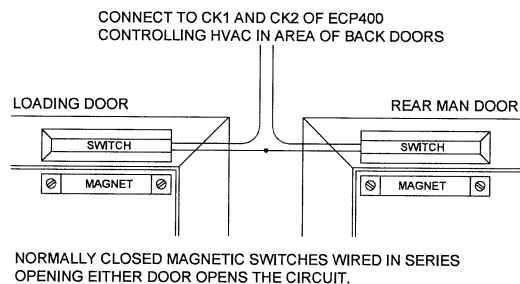
POWER MONITORING



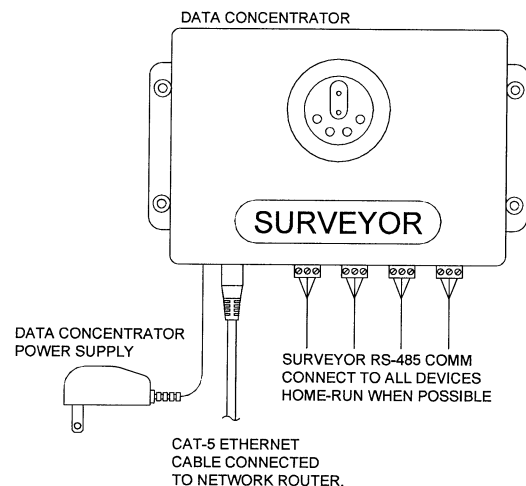
LIGHTING CONTROL



HVAC CONTROLS

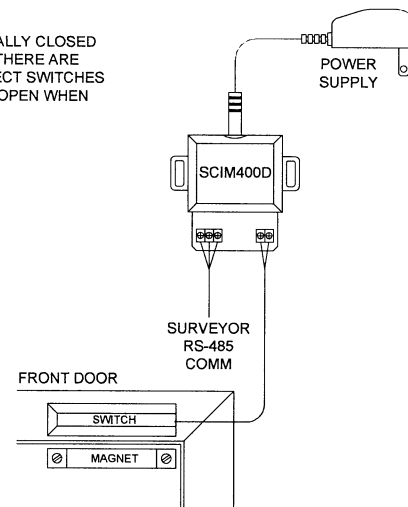


REAR DOORS



DATA CONCENTRATOR

USE FIELD SUPPLIED NORMALLY CLOSED MAGNETIC SWITCH. WHEN THERE ARE TWO FRONT DOORS, CONNECT SWITCHES IN SERIES SO CIRCUIT WILL OPEN WHEN EITHER DOOR OPENS.



FRONT DOOR

SURVEYOR EMS COMPONENTS		
PART	DESCRIPTION	QTY
DC400	DATA CONCENTRATOR	1
ECP400	EQUIPMENT CONTROL PAC	1 PER HVAC
SP400	EQUIPMENT SENSOR PACK	1 PER HVAC
CT414	COMMUNICATING THERMOSTAT	1 PER HVAC
RS410	WALL MOUNT REMOTE SENSOR	1 PER HVAC
LCP401	LIGHTING CONTROL PANEL	1
MD400	ADDITIONAL MOTION DETECTOR	AS NEEDED
PM401	SINGLE CHANNEL POWER MONITOR	1
SCT600-200	600A SPLIT CT, 2" OPENING	3
SCIM400D	SINGLE CHANNEL INPUT MODULE	1
OTS400	OUTDOOR TEMPERATURE SENSOR	1

GENERAL NOTES

1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY O'REILLY AUTO PARTS.
2. DRAWING FOR GENERAL INFORMATION ONLY.
3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE IS SHOWN.
5. REFER TO "O'REILLY INSTALLATION DETAIL" DRAWING AND THE SURVEYOR INSTALLATION INSTRUCTIONS FOR EACH COMPONENT FOR DETAILED WIRING AND ADDITIONAL CRITICAL INFORMATION.
6. CAUTION! INSTALLATION REQUIRES THE REMOVAL OF SAFETY COVERS AND EXPOSE THE INSTALLER TO HIGH VOLTAGE AND ELECTRICAL HAZARDS. USE OF A LICENSED ELECTRICIAN IS REQUIRED. FOLLOW ALL APPROPRIATE SAFETY PRECAUTIONS. ADDITIONAL SAFETY INFORMATION IS IN THE SURVEYOR INSTALLATION MANUALS.
7. IT IS THE CONTRACTORS OPTION TO CONTACT ONE OF THE FOLLOWING FOR INSTALLATION OF THE VENSTAR SURVEYOR SYSTEM (MATERIALS PROVIDED BY O'REILLY AUTOMOTIVE STORES INC.):
A. STONES RIVER ELECTRIC - DARRELL STARKEY - DSTARKEY@STONESRIVERELECTRIC.COM - 615-885-0019
B. STOVER ELECTRIC - JAMES STOVER - JAMES@STOVERELECTRICINC.COM - 805-581-0740
C. ZUBRAS ELECTRIC - SIMON ZUBRAS - SIMON@ZUBRAELECTRIC.COM - 214-319-6900

FOR SURVEYOR EMS TECHNICAL SUPPORT AND SYSTEM COMMISSIONING, PLEASE CONTACT:

SURVEYOR TECHNICAL SUPPORT
(818) 812-9812
MON-FRI 9:00 AM - 5:00 PM PACIFIC
surveysupport@venstar.com

REMOVED SECURITY WIRE	JH	9-27-16
REMOVED CONTACT INFORMATION	CG	2-3-14
REMOVED TEMP PUSHBUTTON USE	CG	9-12-13
REMOVED CONTRACTOR CONTACTS	WB	8-27-13
REMOVED CONTRACTOR CONTACTS	WB	8-7-13
RENUMBER NOTES, REMOVE LOGOS	CG	7-26-13
ADDED CONTACT NOTES	CG	7-11-13

VENSTAR INC.
SURVEYOR
O'REILLY INSTALLATION OVERVIEW

SIZE	DATE	DWG NO	REV
D	4-30-13	S13-001	E

SCALE: NONE DRAWN: C. GODWIN SHEET: 1 OF 1



SEAL:



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DATE ISSUED

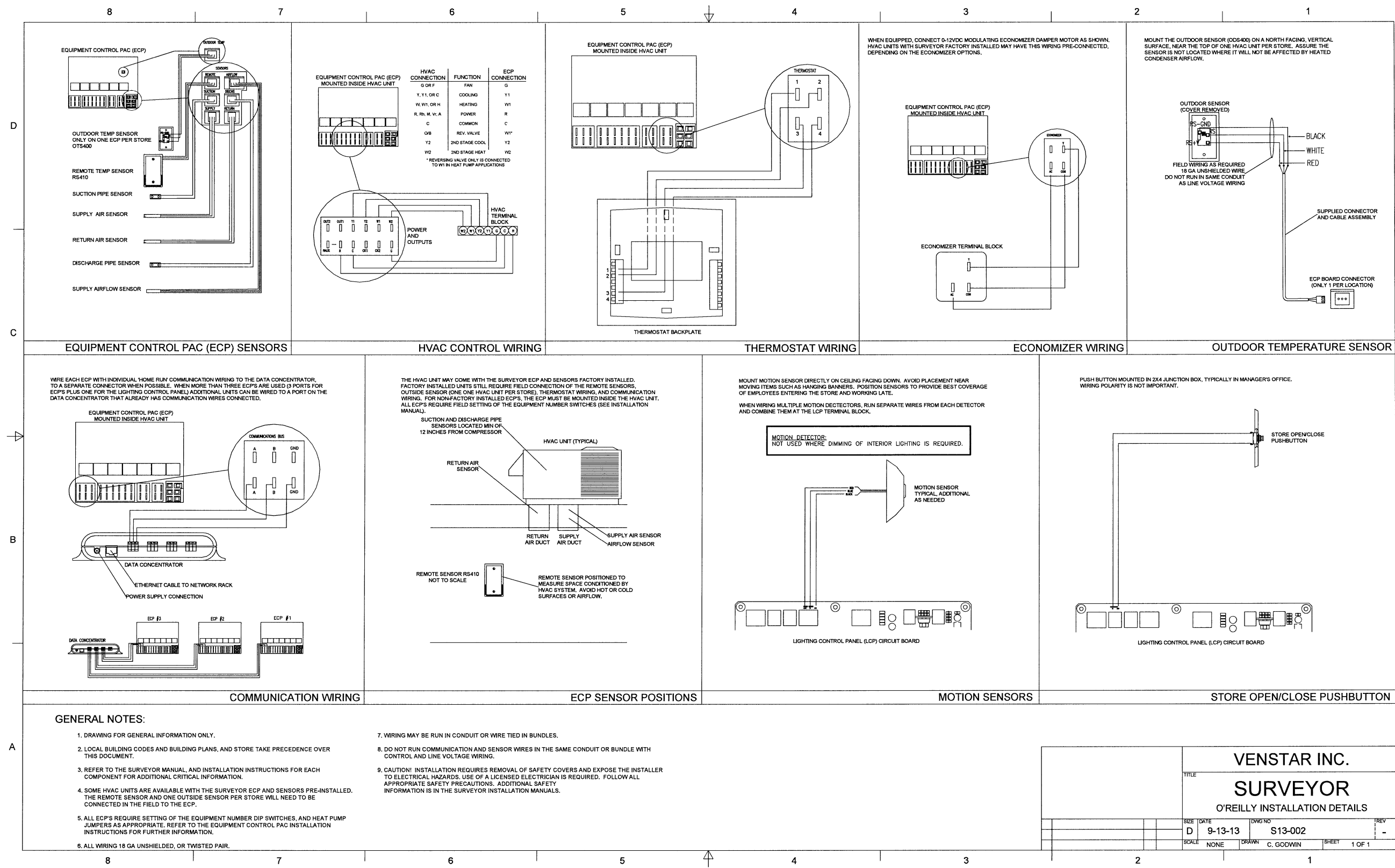
O'Reilly AUTO PARTS
710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:
VENSTAR O'REILLY
DETAILS

REVISIONS:		
NO.	DATE:	BY:

PROJECT NO: LW2
DRAWN BY: LRB

VS2
SHEET 2 OF 3



**O'Reilly New Construction
Statement of Work (SOW)**

General Notes

- » The Venstar Surveyor Energy Management System is supplied by O'Reilly Auto Parts and installed by the contractor. Please note: Local building codes and building plans take precedence over this document.
- » More details can be found on the VS1 and VS2 drawings, as well as the installation instructions included with each Surveyor hardware component.

Surveyor EMS Components

Description	Part #	Quantity
Data Concentrator	DC400-E2	One per location
Lighting Control Panel	LCP401-R1	One per location
Outdoor Temp Sensor	OTS400	One per location
Equipment Control Pac	ECP400-R1	One per HVAC unit
Communicating Thermostat	CT414	One per HVAC unit
Sensor Pac	SP400	One per HVAC unit
Remote Sensor (Wall Mount)	RS410	One per HVAC unit
Additional Motion Detector (one included w LCP401)	MD400	Two total per location (typical)
Building Power Monitor	PM401	One per location
600 A Split CT		Three per location
Back Door Switch(es) – Rollup Door & Rear Man Door	SWP400	Two per location (typical)
Front Door Switch(es) – New Construction & Select Retrofits only	SWP400	One per location (typical)
Single Channel Input Module (Digital) - New Construction & Select Retrofits only	SCIM400D	One per location

Installing the Data Concentrator

Hardware Placement

- Connect to the "Low Side" router and plug into the first available port. (This is the same router as the store's training computer and/or the same router that the DM connects to when making store visits.)

Wiring Instructions

- Connect Cat 5 cable from Data Concentrator to the store router in the designated port
- Connect power supply to Data Concentrator

Hardware Configuration

- The Data Concentrator ships to the job site pre-programmed with network settings provided by O'Reilly. Additional hardware configuration is not typically required.

Installing the Equipment Control Pac, Communicating Thermostat, and sensors

Hardware Placement

- Mount an Equipment Control Pac (ECP) inside each HVAC unit
 - Label ECPs per O'Reilly terminology (For example: HVAC 1, HVAC 2, etc.)
- Connect sensors from Sensor Pac
- Communicating Thermostat(s):
 - Mount the thermostats at a level permitting easy access near the manager's workstation, if possible
 - Label front of thermostat doors per O'Reilly terminology (HVAC 1, HVAC 2, etc.) to be consistent with labels on ECPs.
- Remote temperature sensors are to be mounted in an optimal position:
 - Use RS410 (wall-mount) sensor for all HVAC units and place it 5-6 feet AFF (above finished floor)
 - The sensor should be placed in the zone it is controlling
 - Identify a location where the sensor does not have airflow interference from a supply vent. Given the choice, place closer to return air vent instead of supply air vent.

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1

VENSTAR

**O'Reilly New Construction
Statement of Work (SOW)**

DO NOT:

- Place the remote sensor on the decorative wall striping
- Place the sensor in direct airflow stream between a supply and return grille (where supply air is pulled directly into return)
- Place sensor where it receives direct heat from any piece of equipment
- Place sensor where it will be impacted by any door opening
- Place sensor near the windows where it will receive sun interference (radiant heat)
- Place sensor where it will receive heat interference from the lighting
- Outside Temperature Sensor:
 - One per location, mount outside on roof, facing north
- Door Switches (delivery and rear man door), when applicable
 - One switch per door, normally closed, wired in series
 - Do not install rear door switch(es) for:
 - Stores with one HVAC unit
 - Stores that only receive deliveries through the front door

Wiring Instructions

- Connect ECP to HVAC terminal board
- Connect Communicating Thermostat to ECP
- Connect Sensor Pac sensors to ECP
- Connect Remote Sensor to ECP
- Connect door switches (loading and rear man door) to ECP that conditions the space near doors
- Connect the RS485 terminals of the ECP to the Data Concentrator
- All wiring shall be installed and terminated in accordance with the NEC as well as any applicable state and local regulations

Hardware Configuration

- Set ECP address dip switch for each unit
- Set ECP jumper for Heat Pump or Gas/Electric
- Set ECP jumper to O or B reversing valve (Heat Pump only)

Installing the Lighting Control Panel

Hardware Placement

- Surface mount the Lighting Control Panel (LCP) at a level as convenient and feasible to the existing breaker panel
 - It is permissible to recess the panel, if necessary
- Photocell for exterior lighting:
 - One per location
 - Mount outside on roof, horizontal and facing north with no influence from shade or surroundings (trees, equipment, etc.)
 - Connect photocell to LCP
- Motion Detectors for interior lighting:
 - Two per location typical, unless otherwise shown on MEP drawings.
 - Refer to MEP drawings for exact locations.
- Alarm Interface:
 - One per location, leave coiled above panel for connection by alarm company
- Push Button:
 - Temporary push button may be installed for use during construction.
 - Permanent push button will not be installed at O'Reilly Auto Parts stores except in rare cases when required by code.

Lighting Circuit Identification

- All lighting circuits shall be identified and classified into lighting zones
- Each lighting circuit shall be identified by breaker circuit number and assigned to a specific contactor number within the LCP

Lighting Zone Configuration

The following describes the lighting zones controlled by Surveyor:

- Interior Lighting (Work) - Work and stock areas, excluding nighttime delivery and emergency lights
- Interior Lighting (Sales) - Sales floor, customer areas, and interior open/close sign
- Exterior Lighting (Sign) - Lights for store signs on building and other store signage
- Exterior Lighting (Site) - Parking lot lights, building accent lights, and other exterior lights
- **NOTE: Certain fixtures are designated night lights and are zoned to be on 24/7 for safety and security.**

Wiring Instructions

- Connect lighting accessories to LCP, as appropriate
- Connect the RS485 terminal of the LCP to the Data Concentrator
- All wiring shall be installed and terminated in accordance with the NEC as well as any applicable state and local regulations

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2

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**O'Reilly New Construction
Statement of Work (SOW)**

Installing the Front Door Counter (Single Channel Input Module)

Hardware Placement

- One switch per door at front entrance, normally closed, wired in series (for more than one door)
- Mount SCIM400D in back of store near other Surveyor hardware

Wiring Instructions

- Connect door switch(es) to SCIM400D
- Connect the RS485 terminals of the SCIM400D to the Data Concentrator
- All wiring shall be installed and terminated in accordance with the NEC as well as any applicable state and local regulations

Installing the Building Power Monitor

Hardware Placement

- Place PM401 near the breaker panel or main electrical service, as appropriate
- Place CTs to measure all phases of building power

Wiring Instructions

- Connect CTs to Power Monitor (PM401)
- Connect voltage leads and ground terminal
- Connect the RS485 terminals of the Power Monitor (PM401) to the Data Concentrator
- All wiring shall be installed and terminated in accordance with the NEC as well as any applicable state and local regulations

Hardware Configuration

- Set slide switch for CT type
- Set CH1 rotary switch for CT size
- Set Load rotary switch for electrical service type

Commissioning

Upon completion of the installation, the contractor shall contact Surveyor Support for commissioning. The contractor shall be onsite and provide all support required during the commissioning process. The checklist below serves as a quick reference for the contractor to verify that the installation was completed successfully.

Surveyor Technical Support

surveyorsupport@venstar.com
Direct: 818-812-9812
Office: 818-341-8760
Mon-Fri 6:00am-5:00pm Pacific Time

Data Concentrator

- Confirm power and Ethernet connections
- Verify communication to **all** Surveyor equipment
- Contact the Surveyor Support line at **818-812-9812** to verify connectivity to the O'Reilly server

Equipment Control Pacs

- Verify proper addressing
- Verify door switch functionality (loading and rear man door)
- Re-start all HVAC equipment and verify heating/cooling operation

Communicating Thermostat(s)

- Test operation in all modes
- Verify sensor readings

Lighting Control Panel and accessories

- Test Photocell
- Test Motion Detectors
- Test operation and function of twist-timer overrides
- Confirm lighting circuitry does not affect any other store equipment

Building Power Monitor

- Verify sensor readings

Front Door Counter (Single Channel Input Module)

- Verify door switch functionality

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3

VENSTAR

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SEAL:



11/11/16

DATE ISSUED



710 GEORGE STREET
LACROSSE, WI 54603

SHEET TITLE:

VENSTAR SURVEYOR
SOW

REVISIONS:

NO:	DATE:	BY:

PROJECT NO: LW2
DRAWN BY: LRB

VS3

SHEET 3 OF 3

ST. CLOUD ST

ST. CLOUD STREET

GEORGE STREET

R4-LOW DENSITY MULTIPLE ZONING

LACROSSE INDUSTRIAL PARK CORPORATION
712 GEORGE STREET
LA CROSSE, WI 54601
DOCUMENT NO. 755897
PD-PLANNED DEVELOPMENT ZONING

1 SITE SIGNAGE PLAN

SG1.1 SCALE: 1" = 20'-0"



GENERAL NOTES

- (A) REFER TO PROJECT MANUAL AND SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- (B) SITE DIMENSIONS TO FACE OF CONCRETE FOUNDATION, SIDEWALK, CURB GUTTER LINE, PROPERTY LINE, OR CENTER LINE OF STRIPING UNLESS OTHERWISE NOTED.
- (C) COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- (D) PRIOR TO INSTALLATION, CONTRACTOR TO VERIFY LOCATIONS OF LIGHT POLES, LANDSCAPING, AND UTILITIES DO NOT CONFLICT WITH SITE SIGN LOCATION SHOWN. IF CONFLICT IS DISCOVERED, CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK.
- (E) "COMING SOON" TEMPORARY CONSTRUCTION SIGN TO BE PROVIDED BY CONTRACTOR, APPLIED SIGNAGE GRAPHICS TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED. LOCATE TEMPORARY CONSTRUCTION SIGN ON SITE SO AS TO BE VISIBLE TO PUBLIC FROM RIGHT-OF-WAY. REFER TO DETAIL 1/SG1.2.

SPECIAL NOTE:
AVOID OBSCURING VISIBILITY OF SITE SIGN FROM RIGHT OF WAY WITH LARGE PLANTINGS AND LANDSCAPING.
SUBMIT LANDSCAPING LAYOUT FOR FINAL OWNER REVIEW AND APPROVAL PRIOR TO INSTALLATION.

KEY NOTES

- 1 SITE SIGN, REFER TO ELEVATION 2/SG1.2

CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.



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SPRINGFIELD, MO 65819
PHONE: 417-866-2741
FAX: 417-866-2778

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7212 METRO BLVD.
EDINA, MN 55439
PHONE: 952-854-9302
FAX: 952-854-9360

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FAX: 417-882-1188

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PATRICK G. BLEES, ARCHITECT

10.14.16

DATE ISSUED

A-9014

REG. NO.



712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:

SITE SIGNAGE PLAN

REVISIONS:

NO.	DATE:	BY:

PROJECT NO:

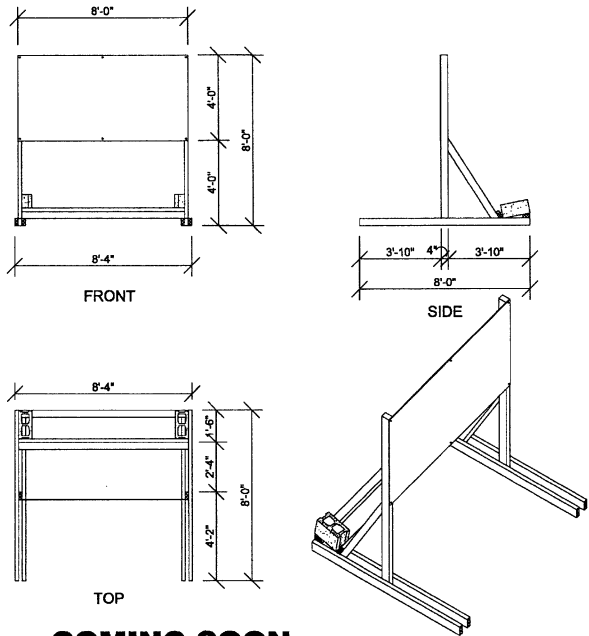
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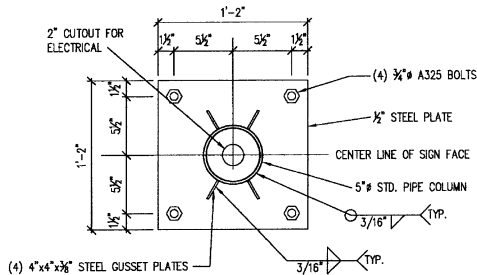
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SHEET 1 OF 3

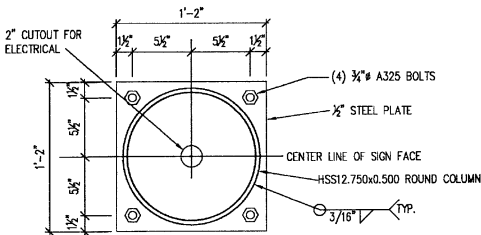


1 **COMING SOON**
TEMPORARY CONSTRUCTION SIGN
SQ1.2 SCALE: 1/4" = 1'-0"

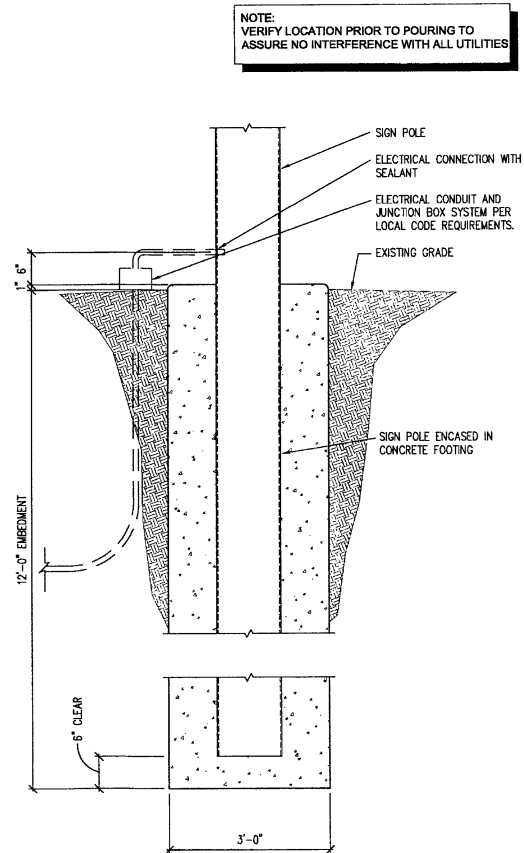
2 **NOT USED**
SQ1.2 SCALE: 1/4" = 1'-0"



3 **SIGN MATCH PLATE**
SQ1.2 SCALE: 1 1/2" = 1'-0"



4 **POLE CAP PLATE**
SQ1.2 SCALE: 1 1/2" = 1'-0"



5 **POLE FOUNDATION**
SQ1.2 SCALE: 3/4" = 1'-0"

GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- CONTACT OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR FOR QUESTIONS OR CLARIFICATIONS.
- PERMANENT SIGNAGE OWNER FURNISHED AND INSTALLED. (REFER TO SCOPE OF WORK SCHEDULE). SIGNAGE GRAPHICS PROVIDED FOR REFERENCE ONLY (N.I.C.) AND CONTRACTOR'S COORDINATION WITH SPECIFIC PROJECT CONSTRUCTION CONDITIONS.
- SITE SIGN FOUNDATIONS AND ROUGH-IN ELECTRICAL TO BE PROVIDED BY CONTRACTOR.
- REQUIRED GOVERNMENTAL PERMITS FOR PERMANENT TYPE SIGNAGE TO BE PROVIDED BY SIGN COMPANY PER OWNER'S DIRECTION (N.I.C.).
- "COMING SOON" TEMPORARY CONSTRUCTION SIGN TO BE PROVIDED BY GENERAL CONTRACTOR. APPLIED SIGNAGE GRAPHICS TO BE OWNER FURNISHED AND GENERAL CONTRACTOR INSTALLED. LOCATE TEMPORARY CONSTRUCTION SIGN ON SITE SO AS TO BE VISIBLE TO PUBLIC FROM RIGHT-OF-WAY.

SITE SIGN SCHEDULE

TEMPORARY CONSTRUCTION SIGN:
TYPE: COMING SOON
DETAIL: REFER TO 1/SG1.2

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FAX: 417-882-1188

SEAL:



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DATE ISSUED
A-9014
REG. NO.

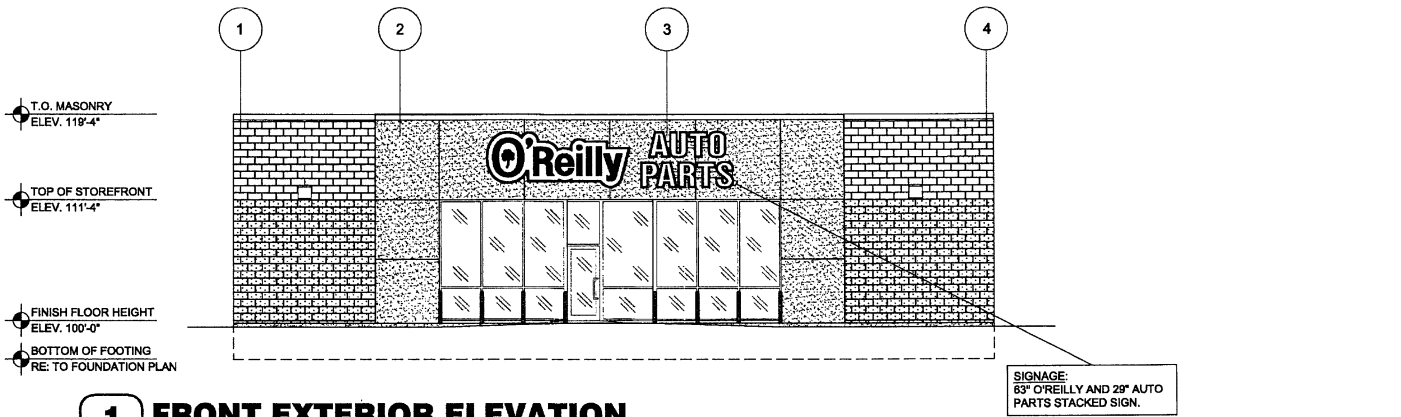


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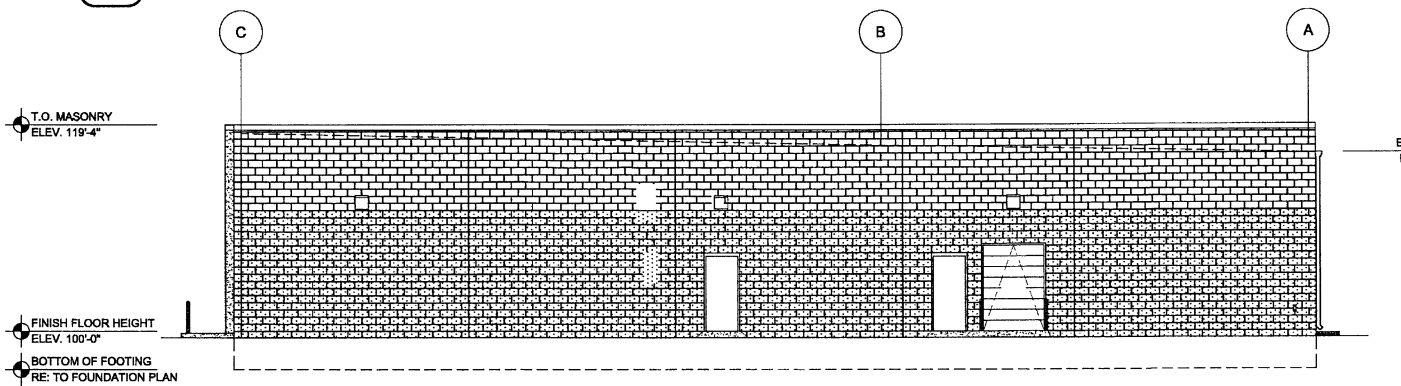
REVISIONS:		
NO.	DATE:	BY:

PROJECT NO: 16115.014
DRAWN BY: KJO

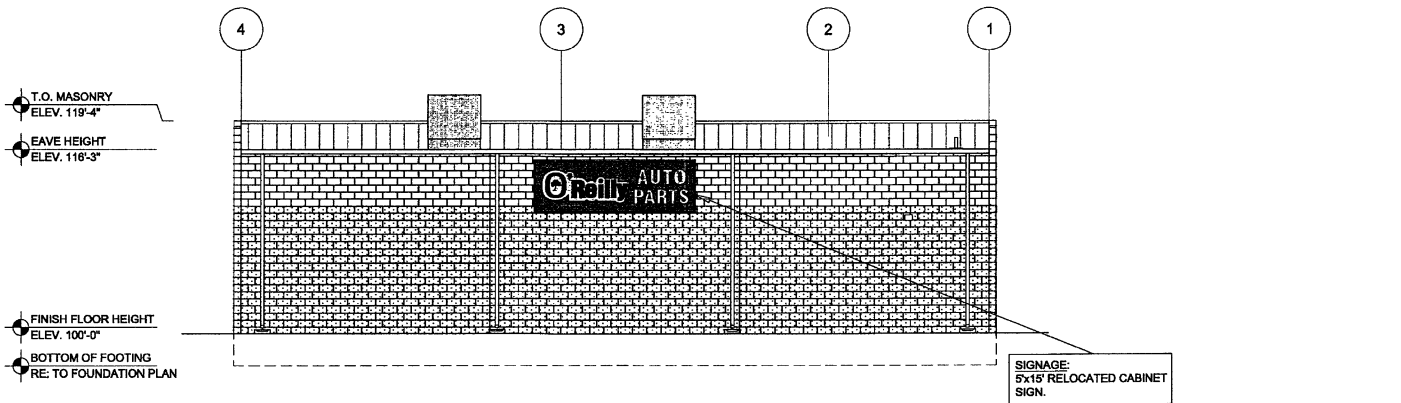
SG1.2
SHEET 2 OF 3



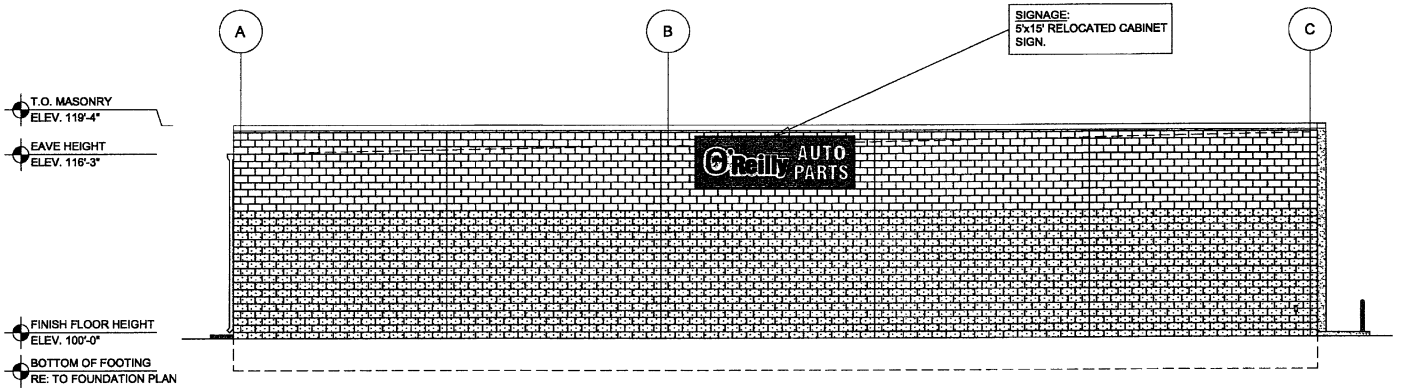
1 FRONT EXTERIOR ELEVATION
SG2.1 SCALE: 1/8" = 1'-0"



2 RIGHT EXTERIOR ELEVATION
SG2.1 SCALE: 1/8" = 1'-0"



3 REAR EXTERIOR ELEVATION
SG2.1 SCALE: 1/8" = 1'-0"



4 LEFT EXTERIOR ELEVATION
SG2.1 SCALE: 1/8" = 1'-0"

BUILDING SIGN SCHEDULE

FRONT EXTERIOR ELEVATION:
TYPE: OR 63" / 29" AP STACKED
DETAIL: REFER TO S/SG2.1 & 6/SG2.1

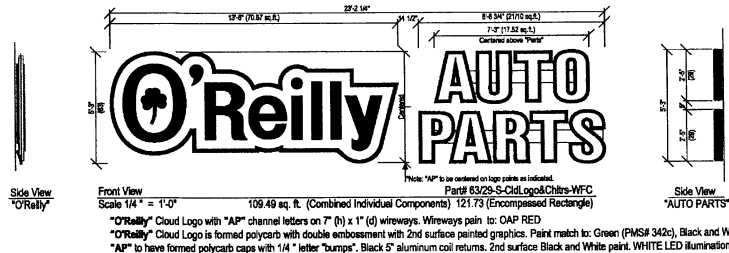
RIGHT EXTERIOR ELEVATION:
TYPE: NO SIGN
DETAIL:

LEFT EXTERIOR ELEVATION:
TYPE: RELOCATED 5x15' CABINET SIGN

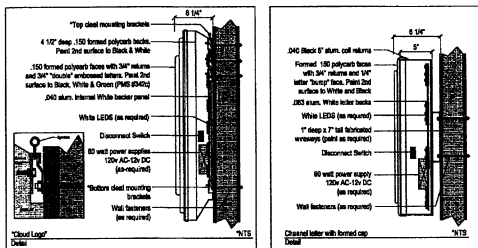
REAR EXTERIOR ELEVATION:
TYPE: RELOCATED 5x15' CABINET SIGN
DETAIL:

GENERAL NOTES

- (A) CONTACT OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR FOR QUESTIONS OR CLARIFICATIONS.
- (B) BUILDING PERMANENT SIGNAGE OWNER FURNISHED AND INSTALLED, (REFER TO SCOPE OF WORK SCHEDULE). SIGNAGE GRAPHICS PROVIDED FOR REFERENCE ONLY (N.I.C.) AND CONTRACTOR'S COORDINATION WITH SPECIFIC PROJECT CONSTRUCTION CONDITIONS. CONTRACTOR TO PROVIDE BACKING AND ROUGH-IN ELECTRICAL AS REQUIRED FOR INSTALLATION.
- (C) REQUIRED GOVERNMENTAL PERMITS FOR PERMANENT TYPE SIGNAGE TO BE PROVIDED BY OWNER OR OTHERS (N.I.C.).



5 FRONT WALL SIGN ELEVATION
SG2.1 SCALE: 1/4" = 1'-0"



6 FRONT WALL SIGN MOUNTING DETAILS
SG2.1 SCALE: 1/4" = 1'-0"

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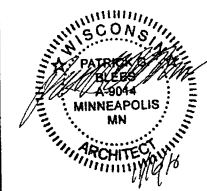
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SEAL:



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10.14.16

DATE ISSUED

A-9014

REG. NO.

O'Reilly AUTO PARTS

712 GEORGE STREET
LA CROSSE, WI 54603

SHEET TITLE:

BUILDING EXTERIOR
SIGNAGE

REVISIONS:

NO.	DATE:	BY:

PROJECT NO: 16115.014

DRAWN BY: KJO/BLC

SG2.1

SHEET 3 OF 3

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