

# O'Reilly AUTO PARTS

## O'Reilly Auto Parts Store Addition 2601 NORTH PACE BLVD. PENSACOLA, FL #1

Approved  
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature: *[Signature]* Date: 02-05-17  
Development Services Director or Designer: *[Signature]* Date: 02-05-17

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order must be obtained from the Development Review Committee (DRC) prior to the commencement of construction. This approval by the DRC does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.

CRAIG A. SCHNEIDER, AIA  
ARCHITECT

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Springfield, Missouri 65804

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O'Reilly Auto Parts Store Addition

2601 NORTH PACE BLVD.  
PENSACOLA, FL

(PENSACOLA #1)

O'Reilly AUTO PARTS

233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

COMM # 3897

DATE: 8-19-16  
REVISION DATE: 1-19-17

T1 of 1

### SYMBOLS LEGEND

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

### OWNER OR TENANT

**O'Reilly AUTO PARTS**

O'REILLY AUTOMOTIVE STORES, INC.  
CORPORATE OFFICES  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

BIDDING INFORMATION:  
REFER TO OWNER'S WEB SITE:  
WWW.OREILLYPLANROOM.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.

### BUILDING CODE

BUILDING OFFICIAL CONTACT NUMBER: 850-595-3550  
COUNTY: ESCAMBIA  
ZIP CODE: 32505

GOVERNING CODES AND ORDINANCES  
BUILDING CODE: 2014 FL BC  
PLUMBING CODE: 2014 FL PC  
MECHANICAL CODE: 2014 FL MC  
ELECTRICAL CODE: 2011 NEC  
FIRE CODE: 2014 FFFC  
ENERGY CODE: 2010 ASHRAE 90.1  
AMENDING ORDINANCE: ESCAMBIA COUNTY LAND DEVELOPMENT CODE

USE GROUP & CONSTRUCTION TYPE  
USE GROUP: M (MERCANTILE)  
CONSTRUCTION TYPE: II-B (NON-COMBUSTIBLE / UNPROTECTED)

AREA MODIFICATIONS  
FRONTAGE INCREASE: APPLIED  
AUTOMATIC SPRINKLER INCREASE: NOT PROVIDED

ALLOWABLE HEIGHT & BUILDING AREA  
NO. STORIES: 2  
AREA: 12,500 S.F.  
AREA WITH FRONTAGE INCREASE: 18,500 S.F.

ACTUAL HEIGHT & BUILDING AREA  
NO. OF STORIES: 1 STORY  
EXISTING BUILDING HEIGHT: 19'-6"  
ADDITIONAL BUILDING HEIGHT: 18'-6"  
EXISTING BUILDING AREA: 12,000 SQ. FT.  
ADDITIONAL BUILDING AREA: 4,800 SQ. FT.  
GROSS BUILDING AREA: 16,800 SQ. FT.

FIRE PROTECTION SYSTEMS  
AUTOMATIC SPRINKLER SYSTEM: NOT REQUIRED  
PORTABLE FIRE EXTINGUISHERS: REQUIRED  
FIRE ALARM SYSTEM: NOT REQUIRED  
AUTOMATIC FIRE DETECTION SYSTEM: NOT REQUIRED  
NO FIRE AREA OVER 12,000 S.F.

STRUCTURAL DESIGN (RISK CATEGORY II)  
(REFER TO STRUCTURAL DRAWINGS)

1. LIVE LOADS  
ROOF: 20 PSF  
REDUCIBLE

2. ROOF COLLATERAL LOADS  
A. ARCHITECTURAL/MECHANICAL: 2.5 PSF  
CEILING SYSTEM PARTS AREA "A": 2.0 PSF  
B. SPRINKLER SYSTEM:  
UNIFORM BRANCH PIPE LOAD: 0.0 PSF  
LINEAL LOOP/TEE MAIN PIPE LOAD: 0.0 PLF

3. SNOW LOADS  $C_e = 1.0$   $C_t = 1.0$   
GROUND LOAD (Pg): 0 PSF  
MINIMUM ROOF SNOW LOAD (P<sub>f</sub>): 0 PSF  
IMPORTANCE FACTOR (I<sub>s</sub>): 1.0

4. WIND LOADS  $G C_{pi} = \pm 0.18$   
BASIC WIND SPEED:  $V_{50} = 116$  MPH  
 $V_{100} = 150$  MPH

EXPOSURE: B

5. SEISMIC  
S<sub>s</sub>: 0.091  
S<sub>1</sub>: 0.054  
S<sub>ds</sub>: 0.097  
S<sub>d1</sub>: 0.086  
IMPORTANCE FACTOR (I<sub>e</sub>): 1.0  
SITE CLASS: D  
DESIGN CATEGORY: B

6. LOAD COMBINATIONS:  
LOAD COMBINATIONS SHALL BE PER THE ABOVE REFERENCED BUILDING CODE.

7. BUILDING DEFLECTION LIMITS:  
REFERENCED CODE DEFLECTION LIMITS, WHERE MORE STRINGENT CODE DEFLECTION LIMITS APPLY, THEY SHALL SUPERSEDE THE FOLLOWING  
MAX. ROOF SNOW OR LIVE LOAD: SPAN/240  
MAXIMUM ROOF TOTAL LOAD: SPAN/180

### ABBREVIATIONS LEGEND

AFF	ABOVE FINISHED FLOOR	INSUL	INSULATE
AC	ACOUSTICAL	INT	INTERIOR
ACV	AIR CONDITIONING	JOIST	JOIST
ALT	ALTERNATE	JT	JOINT
AL	ALUMINUM	JNT	JOINT
ALUM	ALUMINUM	KIT	KITCHEN
AB	ANCHOR BOLT	LH	LEFT HAND
ARCH	ARCHITECT (URAL)	LF	LINEAL FOOT
BSMT	BASEMENT	LTL	LENGTH
BRG	BEARING	L	LINEAL
BRN	BENCH MARK	LL	LIVE LOAD
BEL	BELOW	LL	LIVE LOAD
BLK	BLOCK	MACH	MACHINE
BLKG	BLOCKING	MH	MANHOLE
BD	BOARD	MFR	MANUFACTURER
BIDG	BUILDING	MAS	MASONRY
BW	BOTH WAYS	MAS	MASONRY OPENING
BOT	BOTTOM	MAX	MAXIMUM
BF	BOTTOM OF FOOTING	MECH	MEDIUM MECHANICAL
BOF	BOTTOM OF FOOTING	MEB	MEDIUM
BRK	BRICK	MOD	MODIFIED BITUMEN ROOFING
BUR	BUILT-UP ROOFING	MET	METAL
CAB	CABINET	MTL	METAL
CLG	CEILING	M	METERS
CL	CENTER LINE	MW	MILLSHORE
CID	CENTER OF CENTER	MIN	MINIMUM
CLR	CLEAR	MISC	MISCELLANEOUS
COL	COLUMN	MT	MOUNTED, (ING)
CONC	CONCRETE	NOM	NOMINAL
CMU	CONCRETE MASONRY UNIT	N	NORTH
CONSTR	CONSTRUCTION	NIC	NOT IN CONTRACT
CONTR	CONTRACTOR	NTS	NOT TO SCALE
CONT	CONTINUOUS	OC	ON CENTER(S)
CNTR	COUNTER	OPG	OPENING
CF	COUNTER FLASHING	OPH	OPPOSITE HAND
CRS	COURSES(S)	OD	OUTSIDE DIAMETER
CRS	CUBIC FOOT	OD	OUT TO OUT
CY	CUBIC YARD	OH	OVERHEAD
DEM	DEMOLITION	PC	PAINTED
DET	DETAIL	PNT	PAINT(ED)
DIA	DIAMETER	PKG	PARKING
DIA	DIAMETER	PLAM	PLASTIC LAMINATE
DM	DIMENSION	PL	PLATE
DR	DOOR	PWD	PLYWOOD
DS	DOWN SPOUT	PVC	POLYVINYL CHLORIDE
D	DRAIN	PSF	POUNDS PER SQUARE FT.
DWG	DRAWING	PSI	POUNDS PER SQUARE IN.
DF	DRINKING FOUNTAIN	PT	PRESSURE TREATED
E	EAST	PT	PRESSURE TREATED
E	EXTERIOR INSULATION AND FINISH SYSTEM	PL	PROPERTY LINE
ELEC	ELECTRICAL	REM	REMOVE
EWC	ELECTRIC WATER COOLER	RET	RETURN
ELEV	ELEVATION	RH	RIGHT HAND
ELEV	ELEVATION	RD	ROOF DRAIN
EMER	EMERGENCY	RFD	ROOFING
EQ	EQUAL	RM	ROOM
EXG	EXISTING	RO	ROUGH OPENING
EXIST	EXISTING	RO	ROUGH OPENING
EXP	EXPOSED	SA	SEALANT
EXT	EXTERIOR	SNT	SEALANT
EXT	EXTERIOR	SLNT	SEALANT
FOF	FACE OF FINISH	SEC	SECTION
FO	FACE OF	SECT	SECTION
FO	FACE OF MASONRY	SHTG	SHEATHING
FOS	FACE OF STUDS	SHT	SHEET
FIN	FINISHED	SIM	SIMILAR
FFE	FINISHED FLOOR ELEV.	SC	SOLID CORE
FFL	FINISHED FLOOR LINE	S	SOUTH
FE	FIRE EXTINGUISHER	SF	SQUARE FOOT
FEC	FIRE EXTINGUISHER CABINET	SI	SQUARE INCH
FT	FIRE TREATED	SY	SQUARE YARD
FLG	FLASHING	STD	STANDARD
FLR	FLOOR	STG	STORAGE
FD	FLOOR DRAIN	SUS	SUSPENDED
FD	FOOTING	STRMTRY (ICAL)	STRUTTING MEMBER (ICAL)
FDN	FOUNDATION	TEL	TELEPHONE
FUR	FURRING	TV	TELEVISION
GA	GAGE, GAUGE	TKK	THICKNESS
GV	GALVANIZED	TG6	TONGUE & GROOVE
GALV	GALVANIZED	TM	TOP OF MASONRY
GC	GENERAL CONTRACTOR	TOM	TOP OF MASONRY
GL	GLASS, GLAZING	TS	TOP OF STEEL
GP	GYP	TOS	TOP OF STEEL
GYP	GYP	TW	TOP OF WALL
GWB	GYP	TOW	TOP OF WALL
HTO	HEATING	TYR	TYPICAL
HWAC	HEATING VENTILATING AIR COND.	UNO	UNLESS OTHERWISE NOTED
HT	HEIGHT	UNO	UNLESS OTHERWISE NOTED
HC	HOLLOW CORE	UNO	UNLESS OTHERWISE NOTED
HM	HOLLOW METAL	UNO	UNLESS OTHERWISE NOTED
HK	HOOK(S)	UNO	UNLESS OTHERWISE NOTED
HDR	HORIZONTAL	UNO	UNLESS OTHERWISE NOTED
HB	HOSE BIB	UNO	UNLESS OTHERWISE NOTED
INS	INSULATE(D), (ION)	UNO	UNLESS OTHERWISE NOTED

### ARCHITECT

**CRAIG A. SCHNEIDER, AIA**  
ARCHITECT

1736 East Sunshine, Suite 417  
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### STRUCTURAL ENGINEER

**JS Smith Consulting Engineers, P.C.**  
Florida State Certificate of Authorization No. 25227  
Aaron D. Smith P.E. 78886 Jeffrey S. Smith P.E. 34027  
P.O. Box 8102 \* JOPLIN, MISSOURI 64802  
PHONE: 417-624-0444 \* FAX: 417-624-0430  
www.andersonengineeringinc.com

### 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**  
SUPERIOR ENGINEERS, INC.  
3855 S. JEFFERSON AVE. P: 417-882-2200  
SPRINGFIELD, MO 65807 F: 417-882-1188  
WWW.SMITHSGE.COM

### CIVIL ENGINEER

**ANDERSON ENGINEERING**  
EMPLOYEE OWNED  
ENGINEERS - SURVEYORS - LABORATORIES - DRILLING  
2045 W. WOODLAND • SPRINGFIELD, MISSOURI 65807 • PHONE (417) 866-2741  
www.andersonengineeringinc.com

### ZONING CODE

ZONING CLASSIFICATION: HC/LI (HEAVY COMMERCIAL / LIGHT INDUSTRIAL)  
FUTURE CLASSIFICATION: MU-U (LIGHT INDUSTRIAL)

PROPERTY AREA: (REFER TO SURVEY)  
\*LOCATED IN ENGLEWOOD OVERLAY DISTRICT

PARKING SUMMARY  
PARKING FORMULA: 1 SP. PER 500 RETAIL + 1 SP. PER 1,000 STORAGE  
SPACE SIZE: 9' x 18'  
SPACES REQUIRED: 20 (7 RETAIL + 13 STORAGE)  
SPACES PROVIDED: 48  
H.C. SPACES PROVIDED: 2

### 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.

### SHEET INDEX

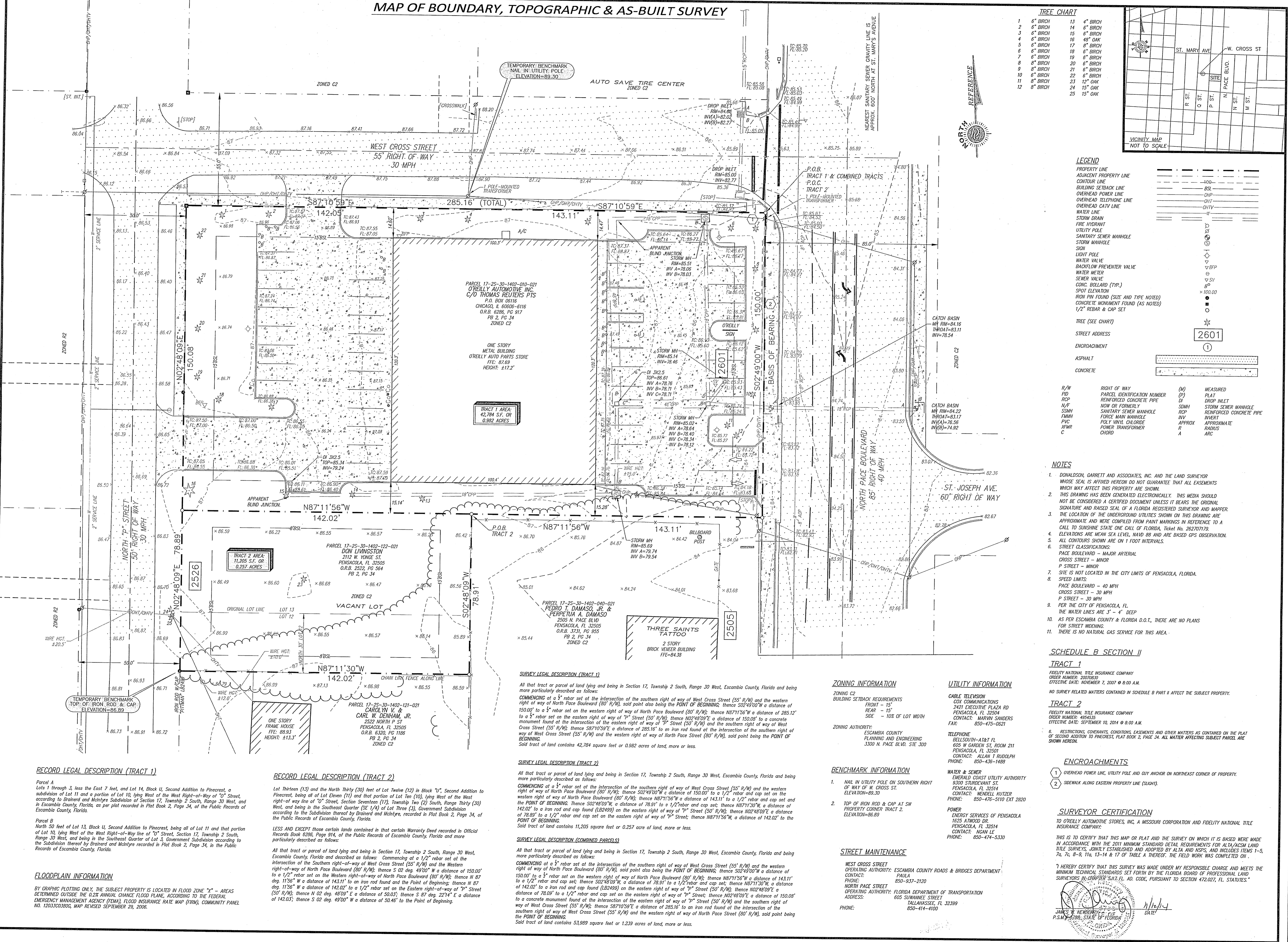
SHEET NUMBER	SHEET NAME
T1	COVER SHEET
SV1	SITE SURVEY (FOR REFERENCE ONLY)
D1	DEMOLITION PLAN
C1	SITE GRADING PLAN
C2	SITE DEVELOPMENT PLAN
C3	SITE DETAILS
C4	STORMWATER DETAILS
C5	STORMTECH CHAMBER DETAILS
L1	LANDSCAPE PLAN
L2	LANDSCAPE PLANTING DETAILS
L3	IRRIGATION COVERAGE PLAN
L4	TREE PROTECTION PLAN
S1	FOUNDATION PLAN
S2	FOUNDATION DETAILS
S3	DETAILS
A1	FLOOR PLAN
A2	DOOR AND WINDOW SCHEDULE
A3	EXTERIOR ELEVATIONS
A4	WALL SECTIONS
F1	FINISH PLAN
US1	SITE UTILITIES PLAN
P1	PLUMBING PLAN
M1	HVAC PLAN
M2	HVAC SCHEDULES
M3	HVAC WIRING DIAGRAM
E1	LIGHTING PLAN
E2	POWER PLAN
E3	ELECTRICAL DETAILS
E4	ELECTRICAL SCHEDULES

### OCCUPANCY LOAD SUMMARY

MARK	ROOM	AREA	AREA PER OCCUPANT	OCCUPANTS PER AREA
100	PARTS AREA "A"	3,260 S.F.	30 S.F.	109
101	PARTS AREA "B"	5,882 S.F.	300 S.F.	20
102	OFFICE	72 S.F.	100 S.F.	1
105	PARTS AREA "C"	2,111 S.F.	300 S.F.	7
106	DM OFFICE	72 S.F.	100 S.F.	1
107	PARTS AREA "D"	4,546 S.F.	300 S.F.	16
TOTAL BUILDING OCCUPANCY LOAD				152

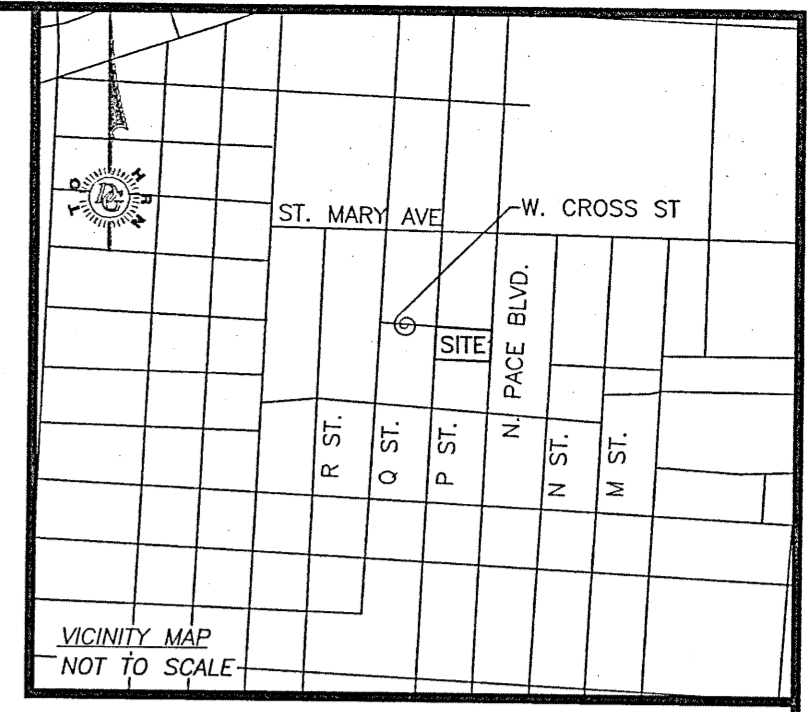
MAP OF BOUNDARY, TOPOGRAPHIC & AS-BUILT SURVEY

RECEIVED  
APR 18 2016  
US & CANADIAN SURVEYING SOCIETY



**TREE CHART**

1	6" BIRCH	13	4" BIRCH
2	6" BIRCH	14	6" BIRCH
3	6" BIRCH	15	6" BIRCH
4	6" BIRCH	16	6" OAK
5	6" BIRCH	17	6" BIRCH
6	6" BIRCH	18	6" BIRCH
7	6" BIRCH	19	6" BIRCH
8	6" BIRCH	20	6" BIRCH
9	6" BIRCH	21	6" BIRCH
10	6" BIRCH	22	6" BIRCH
11	6" BIRCH	23	12" OAK
12	6" BIRCH	24	15" OAK
		25	15" OAK



**LEGEND**

---	PROPERTY LINE
---	ADJACENT PROPERTY LINE
---	CONTOUR LINE
---	BUILDING SETBACK LINE
---	OVERHEAD POWER LINE
---	OVERHEAD TELEPHONE LINE
---	OVERHEAD CATV LINE
---	WATER LINE
---	STORM DRAIN
---	FIRE HYDRANT
---	UTILITY POLE
---	SANITARY SEWER MANHOLE
---	STORM MANHOLE
---	SIGN
---	LIGHT POLE
---	WATER VALVE
---	BACKFLOW PREVENTER VALVE
---	WATER METER
---	FAMM
---	PVC
---	POWER TRANSFORMER
---	CHORD
---	RIGHT OF WAY
---	PARCEL IDENTIFICATION NUMBER
---	REINFORCED CONCRETE PIPE
---	NOW OR FORMERLY
---	SANITARY SEWER MANHOLE
---	FORBID MANHOLE
---	POLY VINYL CHLORIDE
---	APPROXIMATE
---	RADIUS
---	ARC
---	MEASURED
---	FLAT
---	DROP INLET
---	STORM SEWER MANHOLE
---	INVERT
---	APPROXIMATE
---	RADIUS
---	ARC

- NOTES**
- DONALDSON, GARRETT AND ASSOCIATES, INC. AND THE LAND SURVEYOR WHOSE SEAL IS AFFIXED HEREON DO NOT GUARANTEE THAT ALL EASEMENTS WHICH MAY AFFECT THIS PROPERTY ARE SHOWN.
  - THIS DRAWING HAS BEEN GENERATED ELECTRONICALLY. THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT UNLESS IT BEARS THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA REGISTERED SURVEYOR AND MAPPER.
  - THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THIS DRAWING ARE APPROXIMATE AND WERE COMPILED FROM PAINT MARKINGS IN REFERENCE TO A CALL TO SUNSHINE STATE ONE CALL OF FLORIDA, Ticket No. 262707192.
  - ELEVATIONS ARE MEAN SEA LEVEL, NAVD 83 AND ARE BASED GPS OBSERVATION.
  - ALL CONTOURS SHOWN ARE ON 1 FOOT INTERVALS.
  - STREET CLASSIFICATIONS: PACE BOULEVARD - MAJOR ARTERIAL; CROSS STREET - MINOR; P STREET - MINOR.
  - SITE IS NOT LOCATED IN THE CITY LIMITS OF PENSACOLA, FLORIDA.
  - SPEED LIMITS: PACE BOULEVARD - 40 MPH; CROSS STREET - 30 MPH; P STREET - 30 MPH.
  - PER THE CITY OF PENSACOLA, FL. THE WATER LINES ARE 3" - 4" DEEP.
  - AS PER ESCAMBIA COUNTY & FLORIDA D.O.T., THERE ARE NO PLANS FOR STREET WIDENING.
  - THERE IS NO NATURAL GAS SERVICE FOR THIS AREA.

**SCHEDULE B SECTION II**

**TRACT 1**  
FIDELITY NATIONAL TITLE INSURANCE COMPANY  
ORDER NUMBER: 20070839  
EFFECTIVE DATE: NOVEMBER 7, 2007 @ 8:00 A.M.

**TRACT 2**  
FIDELITY NATIONAL TITLE INSURANCE COMPANY  
ORDER NUMBER: 45454545  
EFFECTIVE DATE: SEPTEMBER 10, 2014 @ 8:00 A.M.

**ENCROACHMENTS**

- OVERHEAD POWER LINE, UTILITY POLE AND GUY ANCHOR ON NORTHEAST CORNER OF PROPERTY.
- SIDEWALK ALONG EASTERN PROPERTY LINE (EXISTING).

**SURVEYOR CERTIFICATION**

TO O'REILLY AUTOMOTIVE STORES, INC., A MISSOURI CORPORATION AND FIDELITY NATIONAL TITLE INSURANCE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT 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, LOYALLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1-5, 7c, 7d, 8-9, 11a, 13-14 & 17 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 10/13/14.

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 461.07, F.S., AND, PURSUANT TO SECTION 472.027, FL. STATUTES.

**REVISIONS**

DATE	BY/IT/HA	CLIENT COMMENTS

**SCALE:**  
HORIZONTAL: 1" = 20'  
VERTICAL: N/A

DATE: 10/13/14  
DRAWING #: 3327-14-D  
PROJ. #: 4539-087-D-1  
DSGN: JRN  
CHKD: JWN  
APVD: JWN  
PSM No: 5788

**DATE:** 10/13/14

**DATE:** 10/13/14

**DONALDSON, GARRETT & ASSOCIATES, INC.**  
MASON • CHARLOTTE, NC • BOX 7306  
4875 RIVERCHASE DR. • BOX 1270  
(478) 474-5350 • Fax: (478) 477-2534  
http://www.dga-survey.com  
FLORIDA CERTIFICATE OF AUTHORIZATION NO. LB6552

**FOR**  
**O'REILLY AUTOMOTIVE STORES, INC.**  
2500 WEST CROSS STREET  
SECTION 17, TOWNSHIP 2 SOUTH, RANGE 30 WEST  
ESCAMBIA COUNTY  
FLORIDA

**ATLA/ACSM ASBUILT SURVEY**

**REVISIONS**

**SCALE:**  
HORIZONTAL: 1" = 20'  
VERTICAL: N/A

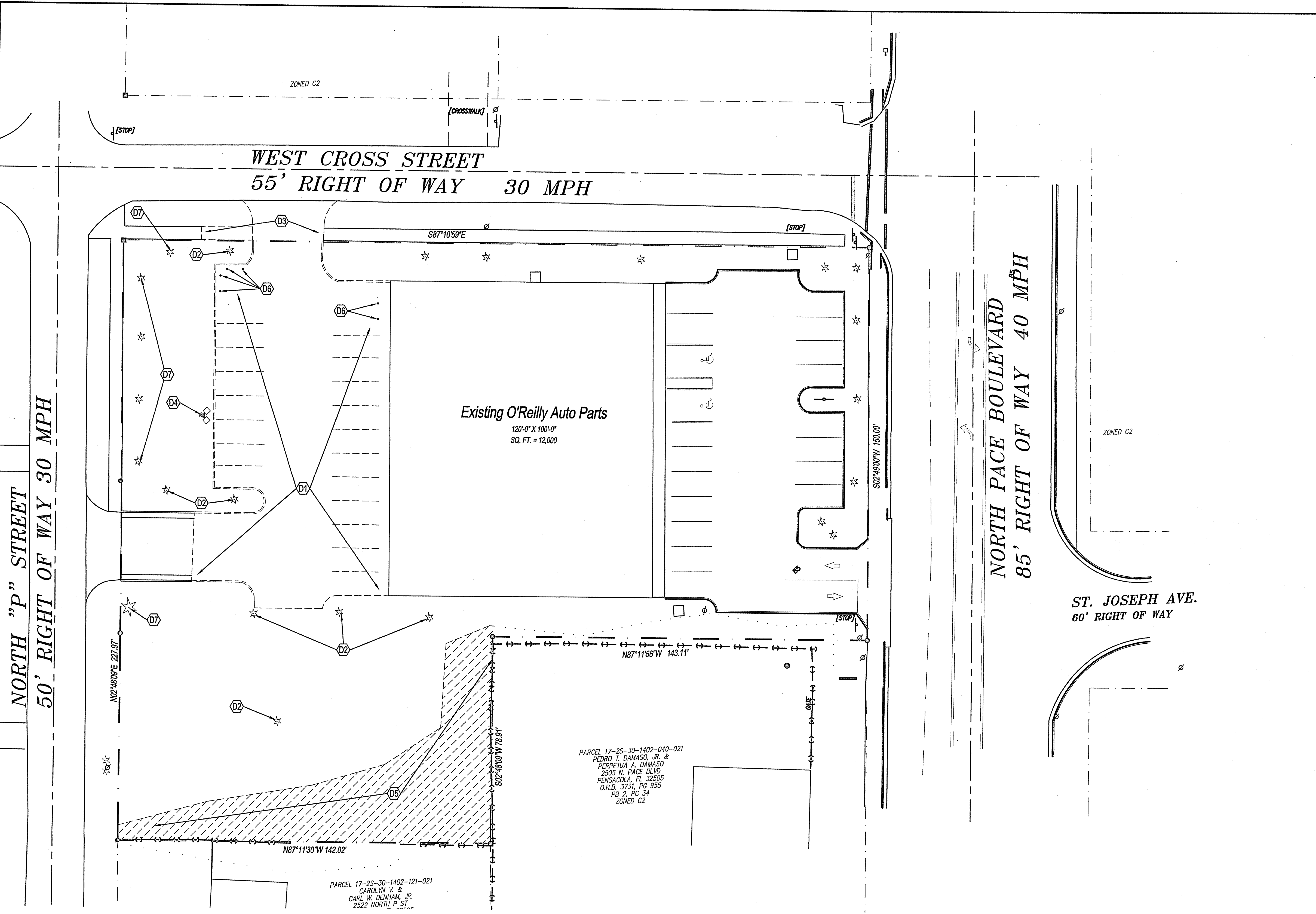
DATE: 10/13/14  
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PROJ. #: 4539-087-D-1  
DSGN: JRN  
CHKD: JWN  
APVD: JWN  
PSM No: 5788

**DATE:** 10/13/14

**DATE:** 10/13/14

**SV1**

**SHEET 1 OF 1**



**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 UTILITIES SITE PLAN FOR DEMOLITION OF EXISTING UTILITIES.
- E. ALL DEMOLISHED MATERIALS SHALL BECOME PROPERTY OF CONTRACTOR FOR PROPER DISPOSAL UNLESS OTHERWISE NOTED.

**KEY NOTES:**

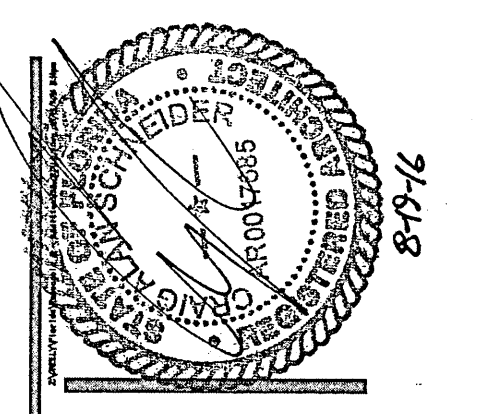
- D1 REMOVE EXISTING PAVING AND ASSOCIATED CURB AS REQUIRED TO INSTALL NEW CONSTRUCTION AS INDICATED ON SHEET C2. EXISTING BUILDING TO REMAIN - PROTECT AS REQUIRED.
- D2 REMOVE EXISTING TREE, INCLUDING, BUT NOT LIMITED TO STUMP AND ROOT SYSTEM.
- D3 REMOVE EXISTING ENTRANCE DRIVE AND PORTION OF EXISTING ADJACENT SIDEWALK AS REQUIRED TO INSTALL NEW ENTRANCE DRIVE AS SHOWN ON SHEET C2.
- D4 REMOVE AND RELOCATE EXISTING LIGHT POLE. REFER TO MEP PLANS FOR MORE INFORMATION.
- D5 AT INDICATED LOCATION, REMOVE AND DISCARD EXISTING VEGETATION, INCLUDING, BUT NOT LIMITED TO: TREES, SHRUBS, BRUSH, STUMPS AND ROOT SYSTEMS AS REQUIRED FOR PROPOSED IMPROVEMENTS. REFER TO CIVIL PLANS.
- D6 REMOVE EXISTING BOLLARD, INCLUDING FOOTINGS.
- D7 EXISTING TREE TO REMAIN - PROTECT AS REQUIRED. REFER TO DETAIL 5/L2

**SPECIAL HAZARDOUS MATERIALS NOTE:**

1. AN ENVIRONMENTAL ANALYSIS HAS BEEN PERFORMED ON THE EXISTING SITE. REFER TO PROJECT MANUAL.
2. IF THIS PROJECT CONTAINS HAZARDOUS MATERIALS CONTRACTOR IS TO PROVIDE PROPER HANDLING, REMOVAL AND DISPOSAL PER ENVIRONMENTAL ANALYSIS RECOMMENDATIONS.

**SYMBOLS LEGEND**

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND	
---	EXISTING ITEMS TO BE REMOVED



**CRAIG A. SCHNEIDER, AIA**  
ARCHITECT

O'Reilly Auto Parts Store Addition  
2601 NORTH PACE BLVD.  
PENSACOLA, FL

**O'Reilly AUTO PARTS**

COMM # 3897

DATE: 8-19-16  
REVISION  
DATE:

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

**EROSION CONTROL & MAINTENANCE PLAN NOTES:**

- NO SITE WORK ACTIVITIES SHALL TAKE PLACE WITHOUT CITY SITE REVIEW/APPROVAL OF PROPOSED EROSION CONTROL MEASURES AND ADVANCED NOTIFICATION OF THE REQUESTED INSPECTION IS REQUIRED.
- 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.
- 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 IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
- 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.
- 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.
- CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APERTURES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
- REFER TO 3/C1 FOR SILT FENCE CONSTRUCTION.
- 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.

**STAGES OF CONSTRUCTION:**

- CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT OWNER WITH ANY CONFLICTS. MONTH 1
- INSTALLATION OF CONSTRUCTION ENTRANCE. MONTH 1
- INSTALLATION OF EROSION CONTROL FENCE. MONTH 1
- DEMOLITION OF EXISTING SITE IMPROVEMENTS. MONTH 1
- REMOVAL OF EXISTING PAVEMENT ON THE SITE. MONTH 1
- INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS. MONTH 1
- ROUGH GRADING. MONTH 1 & MONTH 2
- CONSTRUCTION OF NEW SITE IMPROVEMENTS. MONTH 2
- FINAL GRADING. MONTH 3
- INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS. MONTH 3
- INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS. MONTH 3
- REMOVAL OF EROSION CONTROL FENCE. MONTH 3

**GENERAL NOTES:**

- ANY DEVIATIONS FROM THE APPROVED PLANS WILL REQUIRE APPROVAL FROM BOTH THE PROJECT ENGINEER AND THE CITY OF PENSACOLA.
- THE DEPARTMENT OF PUBLIC WORKS MUST BE NOTIFIED WITHIN 72 HOURS OF ANY PROPOSED STORMWATER CONNECTION ON EXISTING STORMWATER SYSTEM.
- ALL CURB AND GUTTER, SIDEWALKS, AND HANDICAP RAMPS SHALL BE A MINIMUM OF 3,000 PSI CONCRETE AT 28 DAYS WITH FIBERMESH.
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- FIELD VERIFY SANITARY SEWER SERVICE CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION.
- COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

**FLOOD ZONE:**

BY GRAPHIC PLOTTING ONLY, THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE "X" (MINIMAL RISK AREAS OUTSIDE THE 1 PERCENT AND 0.2 PERCENT ANNUAL CHANCE FLOOD PLAINS. NO BFEs OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES) ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), FLOOD INSURANCE RATE MAP (FIRM) OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, COMMUNITY PANEL NO. 12033C0380G, MAP REVISED SEPTEMBER 29, 2006.

**PIPES NOTES:**

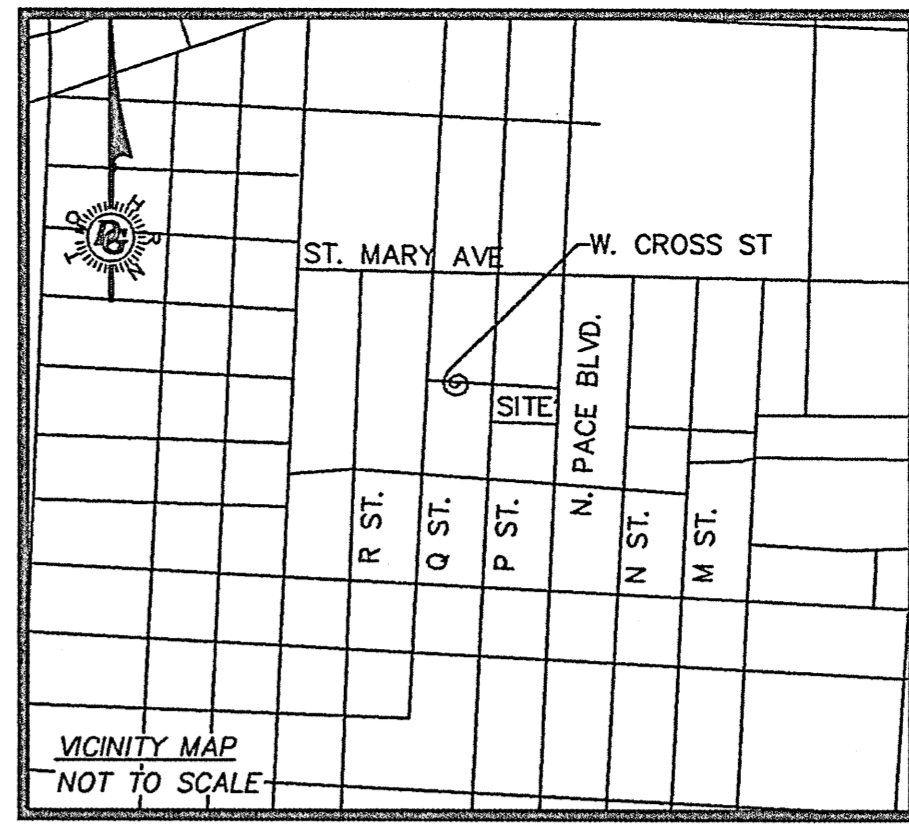
- PIPE MATERIALS SHALL BE IN ACCORDANCE WITH AND AS APPROVED BY THE CITY OR APPLICABLE AUTHORITY. REINFORCED CONCRETE PIPE (RCP) AND HIGH DENSITY POLYETHYLENE (HDPE) MAY BE USED AS ALLOWED BY LOCAL GUIDELINES.
- ALL PIPE IS TO BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS AND MEET COVER REQUIREMENTS PER THE MANUFACTURER.

**CONSTRUCTION EGRESS NOTES:**

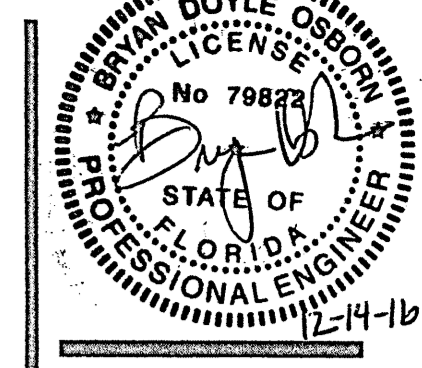
- SHOULD OFFSITE TRACKING OF DIRT AND SEDIMENT OCCUR, A ROCK CONSTRUCTION ENTRANCE WILL BE REQUIRED.
- CONSTRUCTION EGRESS SHALL BE 25' MINIMUM WIDTH AND 30' MINIMUM LENGTH AND 6" MIN THICKNESS OF STONE (1.5-3.5") COARSE AGGREGATE WITH GEOTEXTILE UNDERLAYER. REFER TO THE CITY OR STATE FOR ANY ADDITIONAL REQUIREMENTS.
- THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT OF ANY STRUCTURE USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN LOCATED PER THE CITY OR STATE REQUIREMENTS.

**SITE EXCAVATION REQUIREMENTS:**

- A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
- FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.
- REFER TO STRUCTURAL DRAWINGS FOR BUILDING EXCAVATION REQUIREMENTS.
- PROPER FUNCTION OF THE BURIED STORMTECH CHAMBERS IS DEPENDANT ON SUITABLE SOILS BEING PRESENT AT THE CHAMBER SUBGRADE. GENERALLY, THESE SOILS SHOULD BE WHITE/LIGHT TAN/OANGE LOOSE AND MEDIUM DENSE SAND SOILS. THE SOIL SHOULD BE INSPECTED BY A REPRESENTATIVE OF THE PROJECT ENGINEERING OR THE PRODUCT MANUFACTURER.



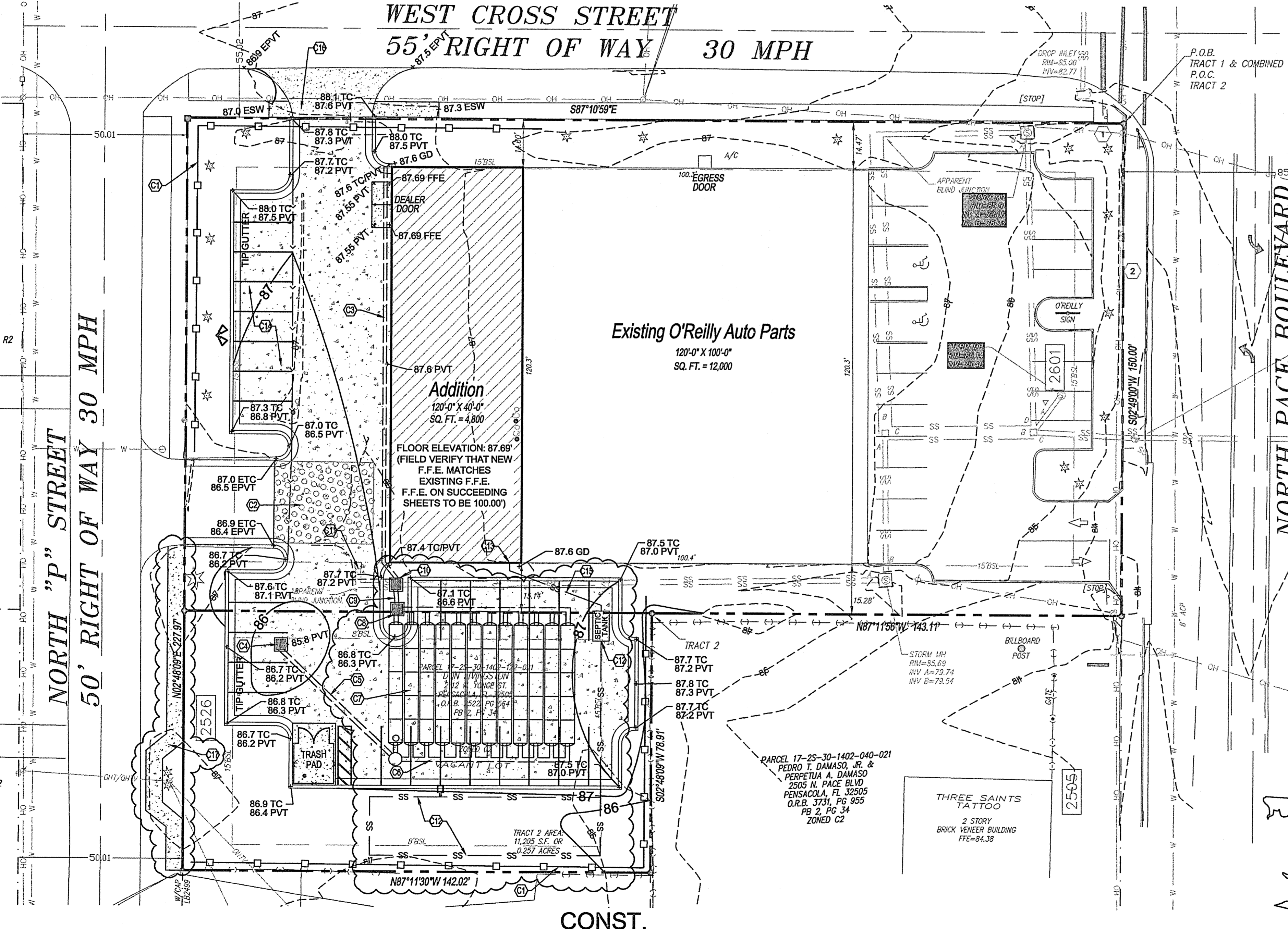
**ANDERSON ENGINEERING**  
EMPLOYEE OWNED  
ENGINEERS - SURVEYORS - LABORATORS - DRILLING  
P.O. BOX 881 • MIRAMAR BEACH, FLORIDA 32250 • PHONE (850) 714-1100  
ANDERSON COUNTY # F-0072 • BRYAN AND GIBSON: 1982Z  
DWG BY: BDO [PROJ # 10191-15] DRAWING # WB-110-662



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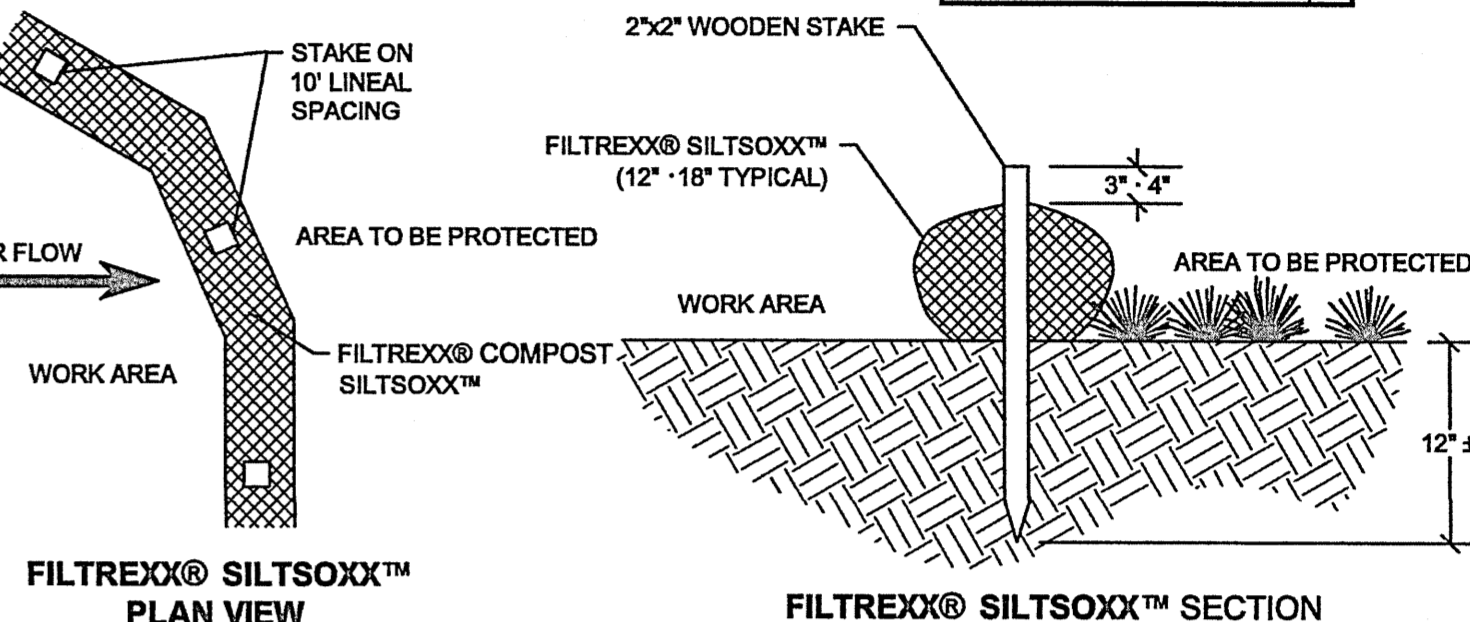
O'Reilly Auto Parts Store Addition:  
2601 NORTH PACE BLVD.  
PENSACOLA, FL  
(PENSACOLA #1)

**O'Reilly AUTO PARTS**  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2874 PHONE



**KEY NOTES:**

- LIMITS OF TEMPORARY EROSION CONTROL FENCE: REFER TO DETAIL 3/C1.
- IF REQUIRED, INSTALL CONSTRUCTION EGRESS PER NOTE.
- INSTALL 126 LF OF 12" Ø DOWNSPOUT COLLECTOR PIPE. REFER TO DETAIL 1/C4.
- INSTALL 4" X 4" AREA INLET. RIM = 85.8' INV = 83.0' REFER TO DETAIL 2/C4.
- INSTALL APPROX. 47 LF OF 15" PIPE. REFER TO PIPE NOTES.
- INSTALL NYOPLAST INLINE JUNCTION WITH OVERFLOW WEIR. RIM = 86.6' INV = 81.5' REFER TO SHEET C5.
- INSTALL 60 STORMTECH SC-740 CHAMBERS. INSTALL PER MANUFACTURER'S REQUIREMENTS PRIOR TO INSTALLATION. SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL. CONTACT STORMTECH AT 800-523-8188. REFER TO SHEET C5. SEE NOTE 4 OF SITE EXCAVATION REQUIREMENTS ON THIS SHEET.
- INSTALL 4" X 4" DETENTION OUTLET STRUCTURE. RIM = 87.0' INV = 81.0' REFER TO DETAIL 3/C4.
- INSTALL APPROX. 5 LF OF 15" PIPE. REFER TO PIPE NOTES.
- INSTALL 4" X 4" JUNCTION BOX SET ON TOP OF EXISTING 18" PIPE. RIM = 87.0' INV = 80.1' INVERT ELEVATION IS ESTIMATED AND SHALL BE POTHOLED BY CONTRACTOR PRIOR TO ORDERING MATERIALS. REFER TO DETAIL 4/C4.
- REMOVE EXISTING INLET AND STORMWATER PIPE TO NEW JUNCTION BOX.
- APPROXIMATE LOCATION OF PROPOSED SEPTIC TANK AND LATERAL FIELD. ACTUAL DESIGN TO BE PROVIDED BY ESCAMBIA COUNTY HEALTH DEPARTMENT. SEE COUNTY PLANS FOR CONSTRUCTION REQUIREMENTS AND DETAILS.
- APPROXIMATELY LOCATION OF SANITARY SEWER CONNECTION. ESTIMATED FLOWLINE IS 85.48. REFER TO SHEET US1 FOR CONTINUATION.
- GENERAL LOCATION OF EXISTING SEPTIC TANK AND LATERAL FIELD. TANK AND LATERAL FIELD SHALL BE REMOVED BY CONTRACTOR PER COUNTY REQUIREMENTS. EXISTING SYSTEM SHALL REMAIN IN OPERATION UNTIL REPLACEMENT SYSTEM IS INSTALLED AND APPROVED FOR USE.
- 4" PVC SEWER LATERAL SLOPED AT MINIMUM OF 1% TO SEPTIC TANK.
- CROSS SLOPE OF SIDEWALK ACROSS DRIVEWAY SHALL NOT EXCEED 2%.
- PROPOSED SIDEWALK REFER TO ARCHITECT'S DETAIL.



- NOTE:**
- ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS OR APPROVED EQUAL.
  - SILTSOXX™ COMPOST/SOIL/ROCK/SEED FILL TO MEET APPLICATION REQUIREMENTS.
  - SILTSOXX™ DEPICED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER THE MANUFACTURER SPECIFICATIONS.
  - COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

**3 FILTREXX SILTSOXX™**  
SCALE: NOT TO SCALE

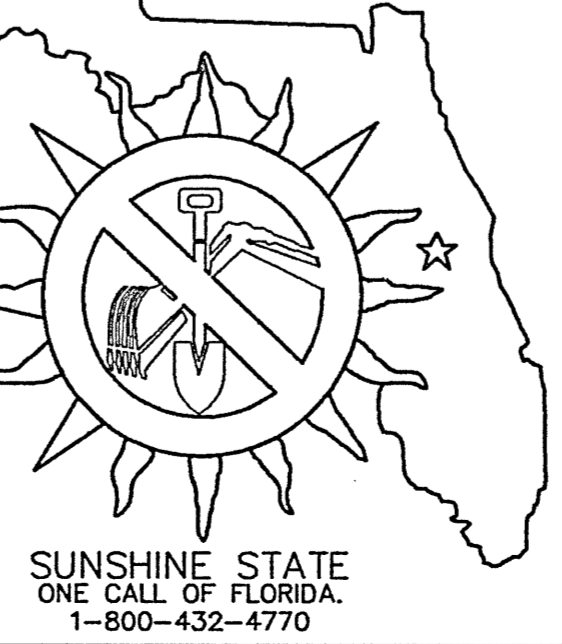
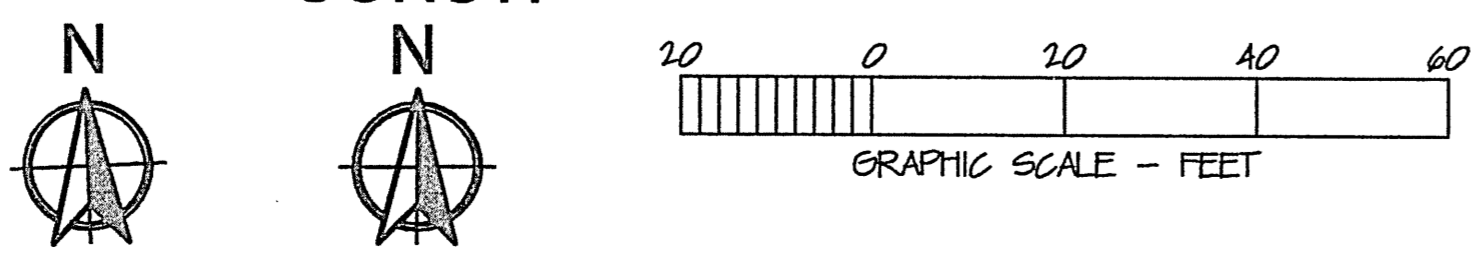
**SPECIAL NOTE:**  
FIELD VERIFY SANITARY SEWER CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION. REFER TO SITE UTILITIES PLAN.

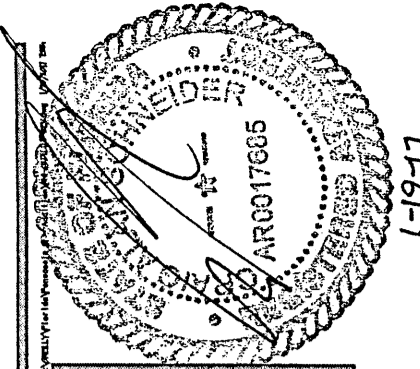
**SPECIAL NOTE:**  
CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES MATCH EXISTING PAVEMENT AT DRIVEWAY ENTRANCES. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.

**SYMBOLS LEGEND**

REFER TO SURVEY (SV1) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.		
---	EXISTING GRADE LINES	
---	PROPOSED NEW GRADE LINES	
[Hatched Box]	NEW BUILDING CONSTRUCTION	NEW SPOT ELEVATIONS LIST GRADE: SW, TOP OF WALL: TW, TOP OF CURB: TC, TOP OF PAVEMENT: PVT, NEW GRADE: GD, CONCRETE EXISTING TOP OF CURB: CONC, EXISTING GRADE: EGD, EXISTING PAVEMENT: EPVT, EXISTING SIDEWALK: ESW, FLOW LINE: FL, TOP OF BERM: TOP
[Solid Line]	NEW CONCRETE PAVING BLOCK	
[Dashed Line]	TEMPORARY EROSION CONTROL FENCE	
[Arrow]	SURFACE FLOW ARROW	

**1 SITE GRADING PLAN**  
SCALE: 1" = 20'-0"





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 Fax: 417.862.3265  
 e-mail: architect@esterjschneider.com

**O'Reilly Auto Parts - Store Addition**  
 2601 NORTH PACE BLVD.  
 PENSACOLA, FL  
 (PENSACOLA #1)

COMM # 3897  
 DATE: 8-19-16  
 REVISION DATE: 1-19-17

**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 TO CONTACT THE O'REILLY PROJECT ADMINISTRATOR BEFORE PROCEEDING.

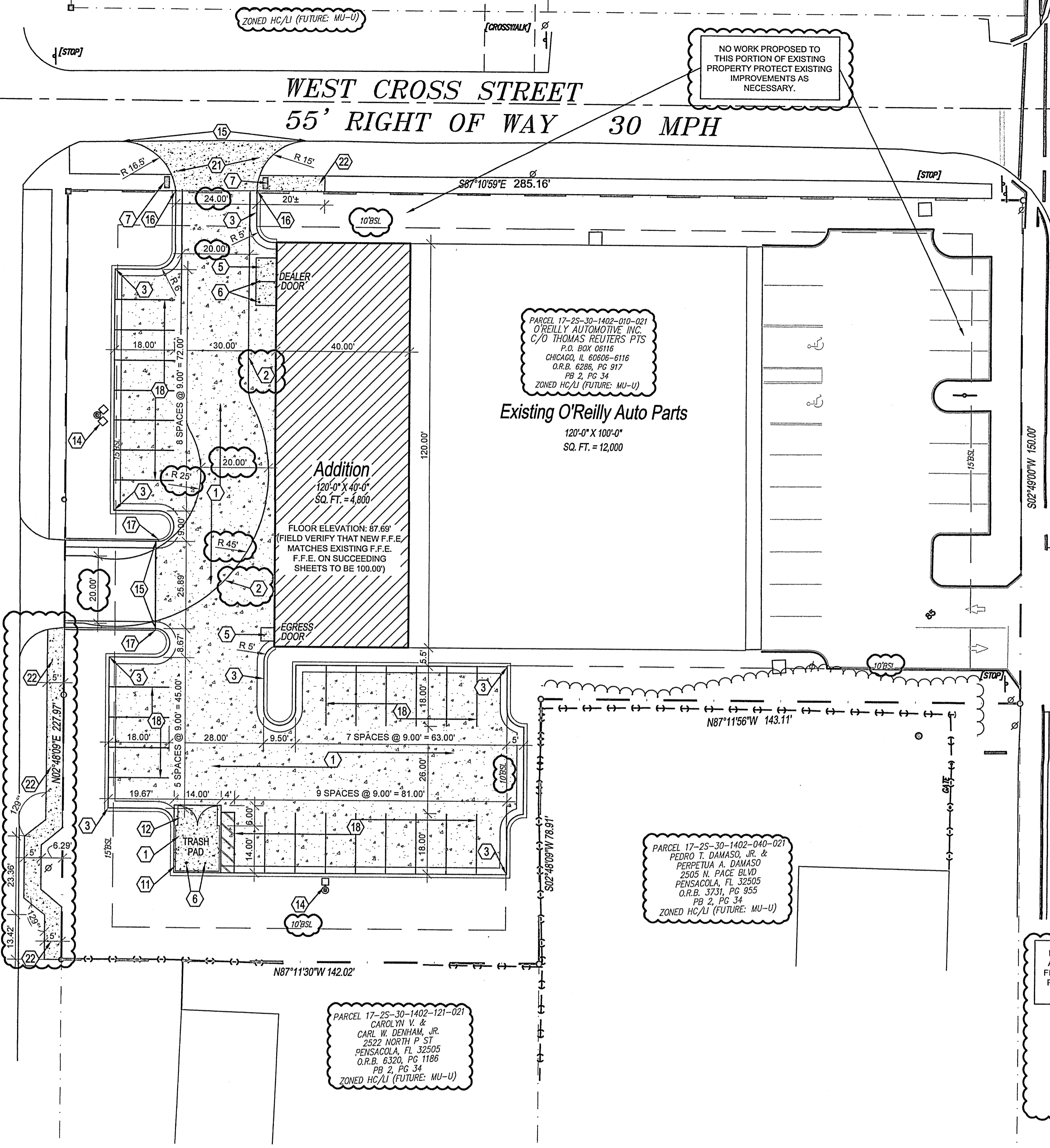
**KEY NOTES:**

- 1 CONCRETE PAVING: REFER TO DETAIL 1/C3.
- 2 FIRE APPARATUS ACCESS ROAD.
- 3 CONCRETE CURB: REFER TO DETAIL 3/C3.
- 4 NOT USED
- 5 CONCRETE DOOR LANDING: REFER TO DETAIL 4/C3 AND STRUCTURAL DETAILS. RAMP PAVING AS INDICATED. LANDING CAN BE POURED MONOLITHIC.
- 6 STEEL BOLLARD: REFER TO DETAIL 6/C3. PROVIDE (2) AT TRASH PAD AND OVERHEAD DOOR. REFER TO STRUCTURAL PLAN FOR LOCATION.
- 7 INSTALL TRUNCATED DOMES AT EDGE OF SIDEWALK. REFER TO DETAIL 9/C3.
- 8 NOT USED
- 9 NOT USED
- 10 NOT USED
- 11 SCREEN FENCE: REFER TO DETAIL 12/C3.
- 12 SCREEN FENCE GATES: REFER TO DETAIL 11/C3.
- 13 NOT USED
- 14 PARKING LOT LIGHTING: REFER TO UTILITIES SITE PLAN FOR LOCATION AND TYPE.
- 15 LIMITS OF NEW PAVING: MATCH EXISTING PER CITY AND OR STATE STANDARDS.
- 16 ROLL DOWN CURB: TERMINATE AND ROLL DOWN NEW CURB WHERE INDICATED. ROLL DOWN AT 1:2.
- 17 CONCRETE CURB: NEW CONCRETE CURB TO MATCH EXISTING ADJACENT CURB.
- 18 STRIPING: PROVIDE 4" WIDE PARKING LOT STRIPING AS SHOWN. USE HIGHWAY MARKING PAINT - YELLOW (2 COATS)
- 19 NOT USED
- 20 NOT USED
- 21 CONCRETE DRIVE APRON: TO BE INSTALLED PER CITY AND OR STATE DESIGN STANDARDS. IF NO STANDARDS PROVIDE CONCRETE PAVING CONSTRUCTION AS SHOWN ON DETAIL 1/C3.
- 22 CONCRETE SIDEWALK: TO BE INSTALLED PER CITY AND OR STATE STANDARDS (TO MATCH EXISTING SIDEWALK).

**SYMBOLS LEGEND**

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

	NEW BUILDING CONSTRUCTION
	AREA OF CONCRETE
	EXISTING POLE SIGN LOCATION
	LIGHT POLE LOCATION
	NEW FENCE CONSTRUCTION



NO WORK PROPOSED TO THIS PORTION OF EXISTING PROPERTY PROTECT EXISTING IMPROVEMENTS AS NECESSARY.

PARCEL 17-25-30-1402-010-021  
 O'REILLY AUTOMOTIVE, INC.  
 C/O THOMAS REUTERS PIS  
 P.O. BOX 06116  
 CHICAGO, IL 60606-6116  
 O.R.B. 6286; PG. 917  
 PG. 2, PG. 34  
 ZONED HC/LI (FUTURE: MU-U)

**Existing O'Reilly Auto Parts**  
 120'-0" X 100'-0"  
 SQ. FT. = 12,000

**Addition**  
 120'-0" X 40'-0"  
 SQ. FT. = 4,800

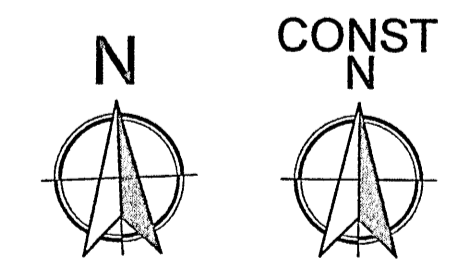
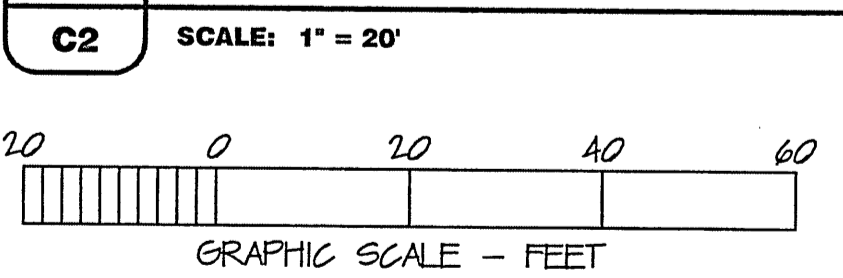
FLOOR ELEVATION: 87.69'  
 (FIELD VERIFY THAT NEW F.F.E. MATCHES EXISTING F.F.E. F.F.E. ON SUCCEEDING SHEETS TO BE 100.00)

PARCEL 17-25-30-1402-040-021  
 PEDRO T. DAMASO, JR. &  
 PERPETUA A. DAMASO  
 2505 N. PACE BLVD  
 PENSACOLA, FL 32505  
 O.R.B. 3731; PG. 355  
 PG. 2, PG. 34  
 ZONED HC/LI (FUTURE: MU-U)

NEAREST FIRE HYDRANT IS APPROXIMATELY 500' AWAY FROM FARTHEST CORNER OF PROPOSED CONSTRUCTION OF NEW ADDITION.

PARCEL 17-25-30-1402-121-021  
 CAROLYN V. &  
 CARL W. DENHAM, JR.  
 2322 NORTH P. ST.  
 PENSACOLA, FL 32505  
 O.R.B. 6320; PG. 1186  
 PG. 2, PG. 34  
 ZONED HC/LI (FUTURE: MU-U)

**1 SITE DEVELOPMENT PLAN**



**PARKING CALCULATIONS**

PARKING FORMULA: 1 SP. PER 500 RETAIL + 1 SP. PER 1,000 STORAGE

SPACE SIZE: 9' x 18'

SPACES REQUIRED: 20 (7 RETAIL + 13 STORAGE)

SPACES PROVIDED: 48

H.C. SPACES PROVIDED: 2

**PROPERTY / ZONING**

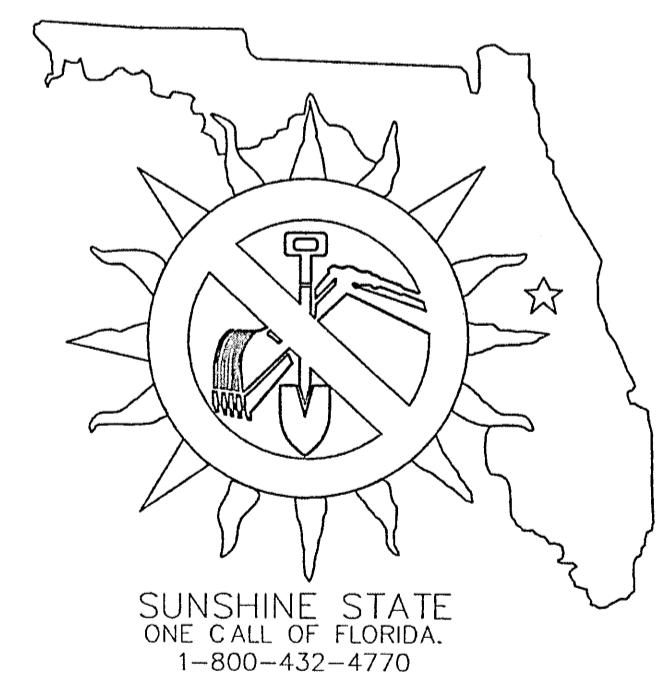
CLASSIFICATION: HC/LI (HEAVY COMMERCIAL/ LIGHT INDUSTRIAL)

FUTURE CLASSIFICATION: MU-U (LIGHT INDUSTRIAL)

**TITLE ZONING**

ZONED HC/LI (FUTURE: MU-U)  
 BUILDING SETBACK REQUIREMENTS  
 FRONT - 15'  
 REAR - 15'  
 SIDE - 10' ON EACH SIDE

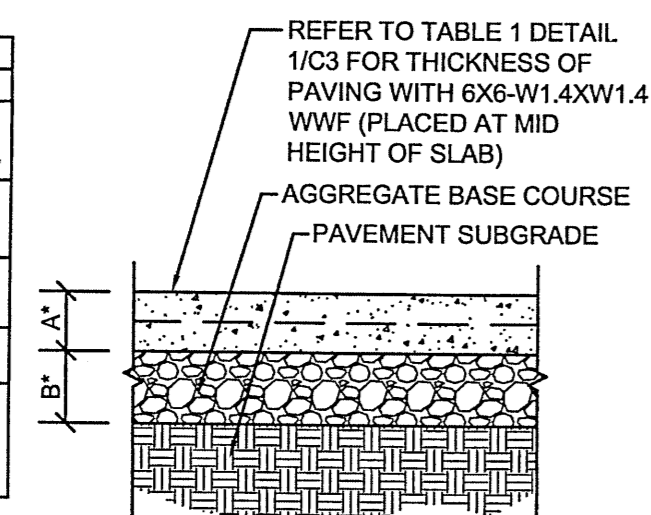
ZONING AUTHORITY:  
 ESCAMBIA COUNTY  
 PLANNING AND ENGINEERING  
 3300 N. PACE BLVD. STE 300



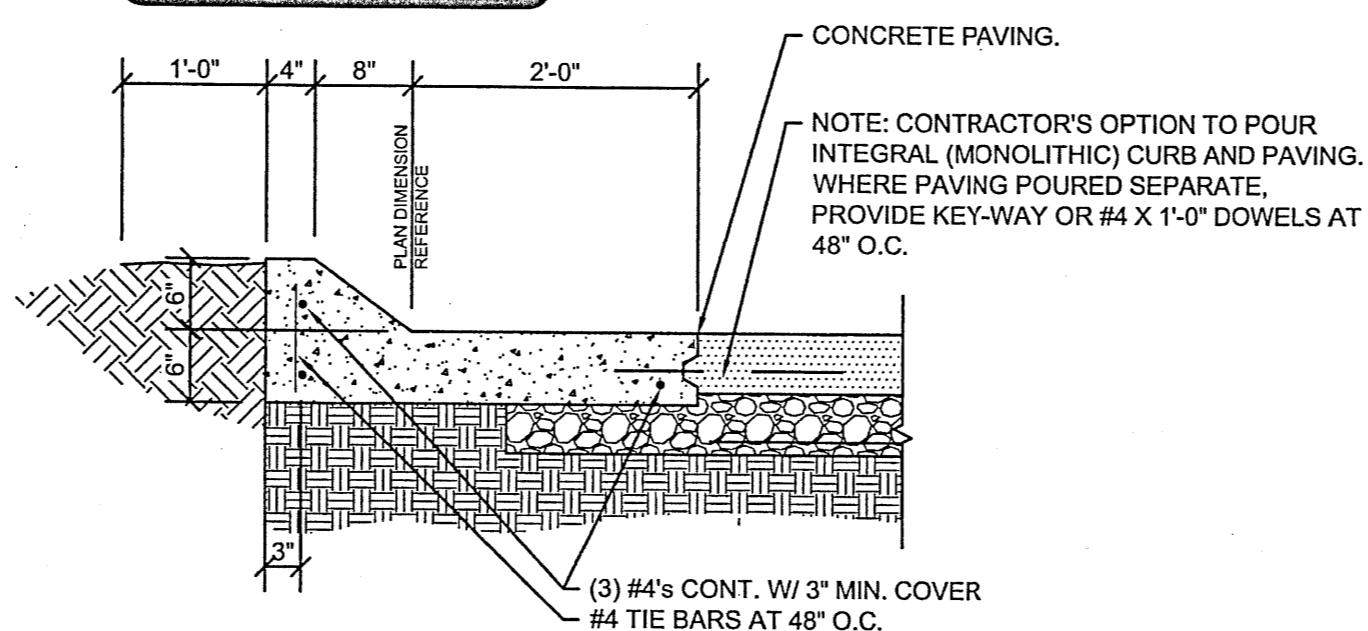
PROVIDE CONTROL JOINTS AT 12' O.C. (25% SLAB THICKNESS)

PAVEMENT TYPE	RIGID PAVEMENT STRUCTURAL SECTION	
	LIGHT DUTY (CAR PARKING)	TRASH CONTAINER PAD
PORTLAND CEMENT CONCRETE "A"	5.0 INCHES	7.0 INCHES
AGGREGATE BASE COURSE "B"	N/A	N/A
TOTAL THICKNESS	5 INCHES	7 INCHES

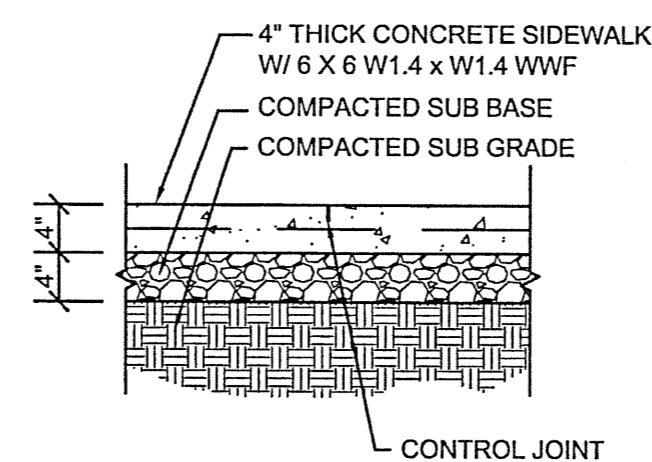
\*PAVEMENT DESIGN IS BASED ON GEOTECHNICAL REPORT PROVIDED BY THE OWNER DATED 04/05/2016. ANDERSON ENGINEERING PROVIDES NO WARRANTY OR GUARANTEE FOR THIS DESIGN. CONTRACTOR IS RESPONSIBLE TO FULLY READ AND FOLLOW THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL REPORT.



PROVIDE CONTROL JOINTS AT 10' O.C. (25% SLAB THICKNESS)



PROVIDE TOOLED CONTROL JOINTS AT 6' O.C. (25% SLAB THICKNESS) AND ISOLATION JOINTS AT 24' O.C., UNLESS OTHERWISE NOTED.



**1 CONCRETE PAVING SECTION**

C3 SCALE: N.T.S.

**2 NOT USED**

C3 SCALE: N.T.S.

**3 CONCRETE CURB SECTION**

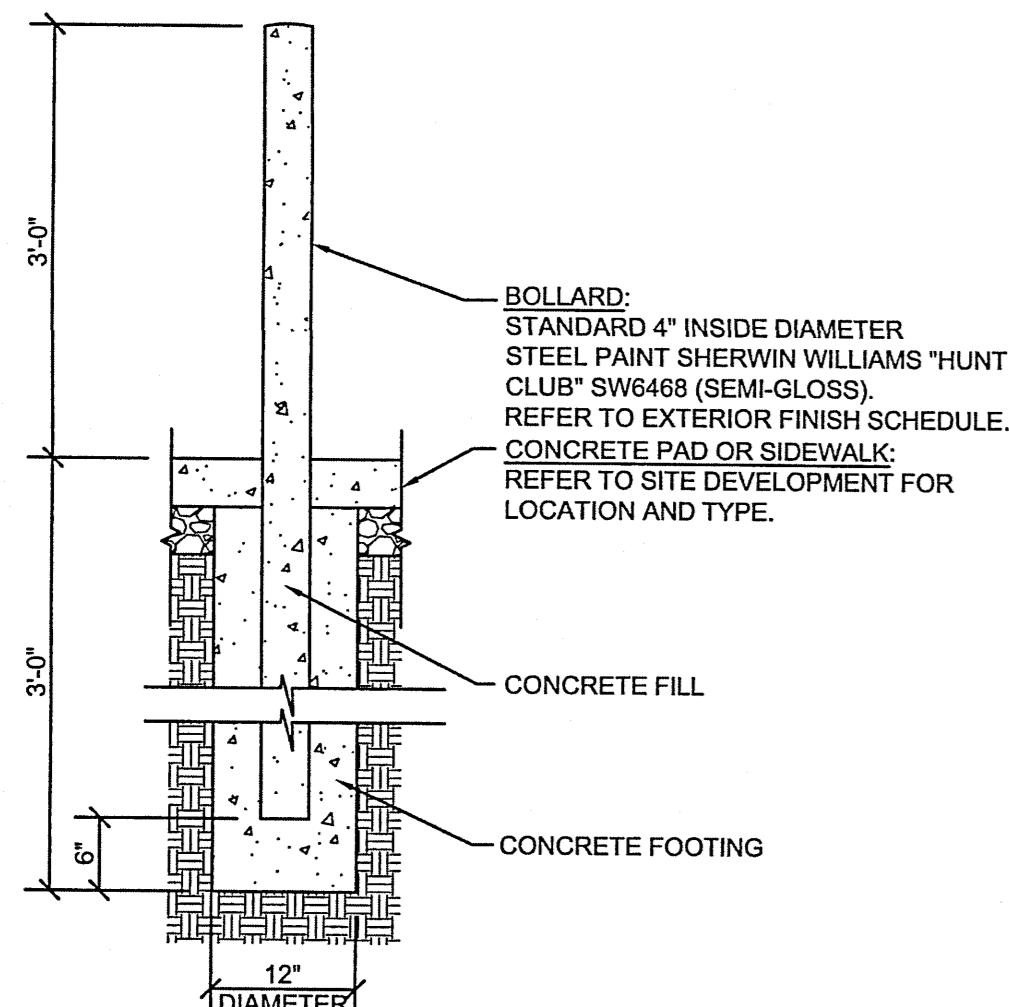
C3 SCALE: 3/4" = 1'-0"

**4 CONCRETE SIDEWALK SECTION**

C3 SCALE: 3/4" = 1'-0"

**5 NOT USED**

C3 SCALE: 3/4" = 1'-0"



**6 STEEL BOLLARD SECTION**

C3 SCALE: 3/4" = 1'-0"

**7 NOT USED**

C3 SCALE: 3/4" = 1'-0"

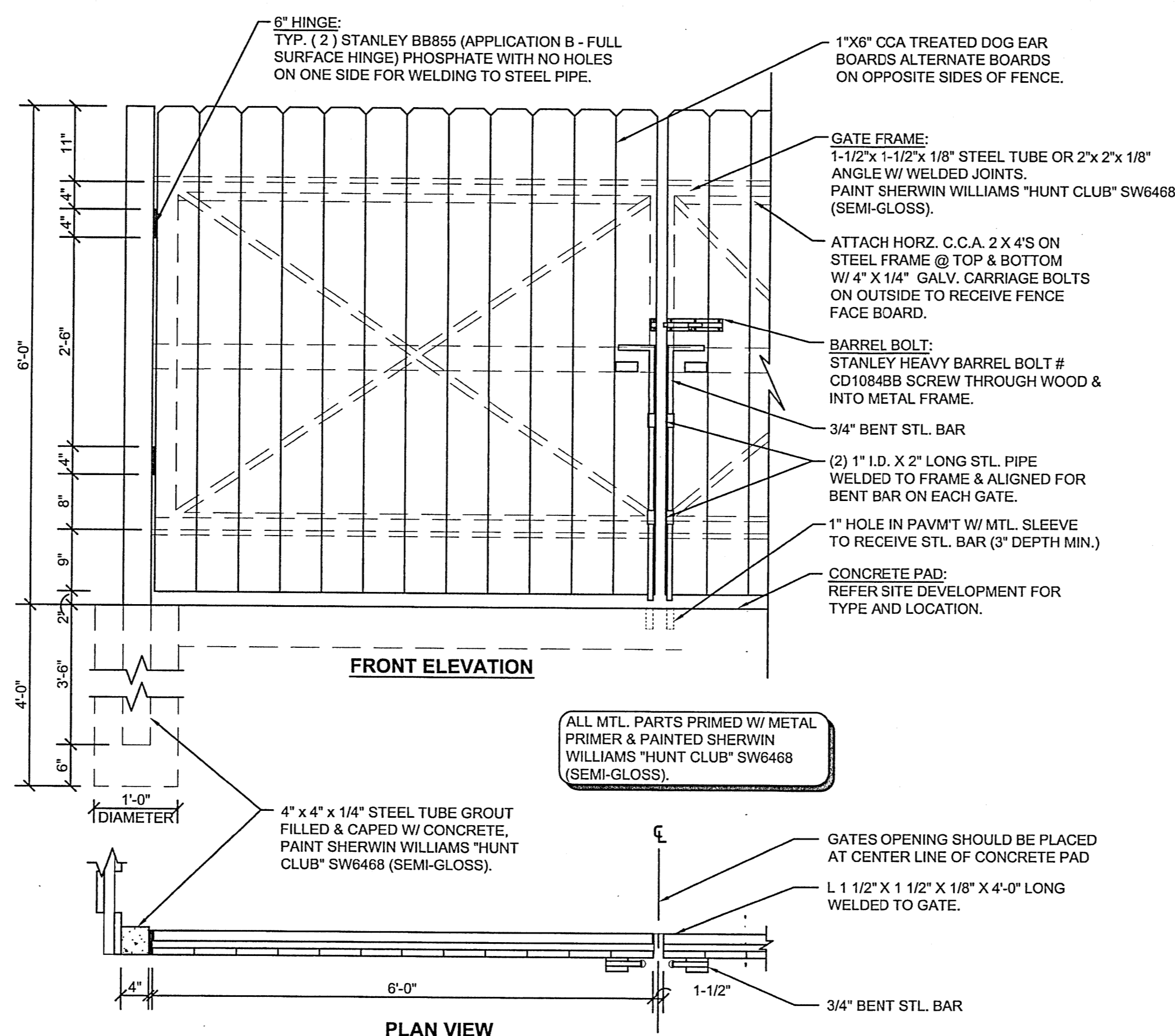
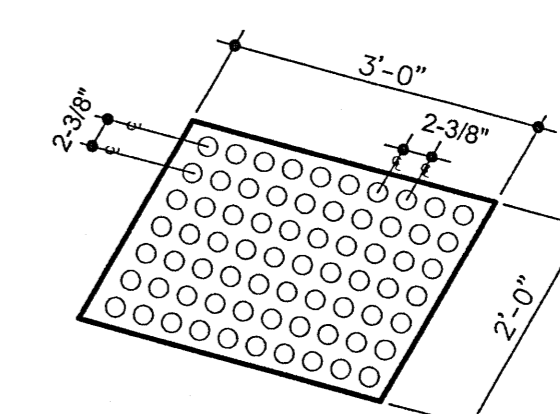
**8 NOT USED**

C3 SCALE: N.T.S.

**9 CONCRETE HANDICAP RAMP**

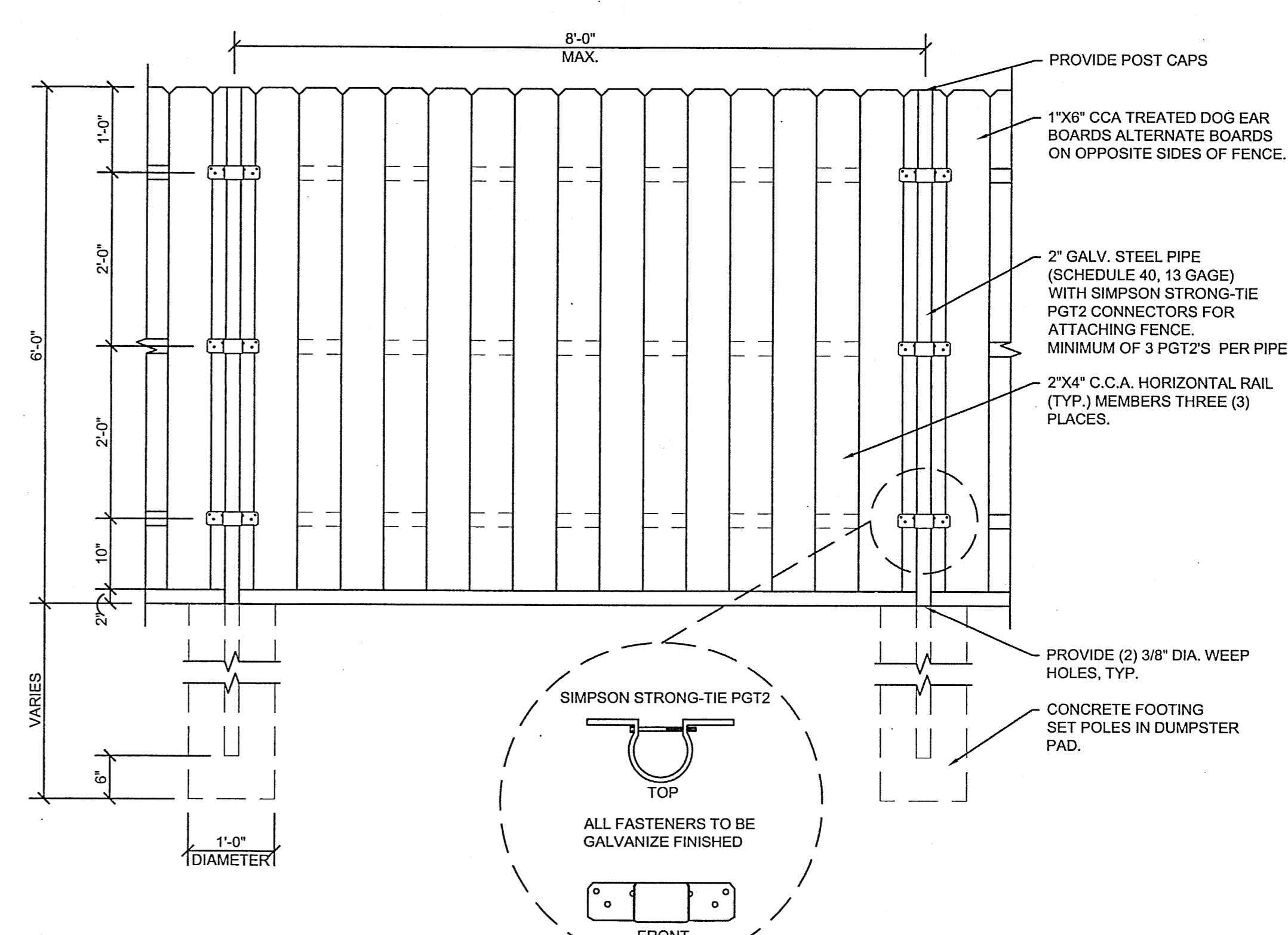
C3 SCALE: N.T.S.

PROVIDE DETECTABLE WARNINGS WITH RAISED PATTERN (CAUTION YELLOW COLOR WITH 9" DIA. AND RAISE .02" PER ADAAG 4.7.7)



**11 SCREEN FENCE GATE**

C3 SCALE: 3/4" = 1'-0"



**12 SCREEN FENCE**

C3 SCALE: 3/4" = 1'-0"

**10 NOT USED**

C3 SCALE: N.T.S.

**ANDERSON ENGINEERING**  
EMPLOYEE OWNED  
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING  
PO BOX 6911 • MIRAMAR BEACH, FLORIDA 32550 • PHONE (650) 714-8100  
ANDERSON COAST 9892 • NIEL S. BRADY, 59768  
DWG BY: BDO PROJ. # 10131-16 | DRAWING # WB-110-682

NIEL S. BRADY  
LICENSED PROFESSIONAL ENGINEER  
NO. 59768  
STATE OF FLORIDA

**CRAIG A. SCHNEIDER, AIA**  
ARCHITECT

1736 East Sunshine, Suite 417  
Springfield, Missouri 65804

2601 NORTH PACE BLVD.  
PENSACOLA, FL  
(PENSACOLA #1)

O'Reilly Auto Parts Store Address:

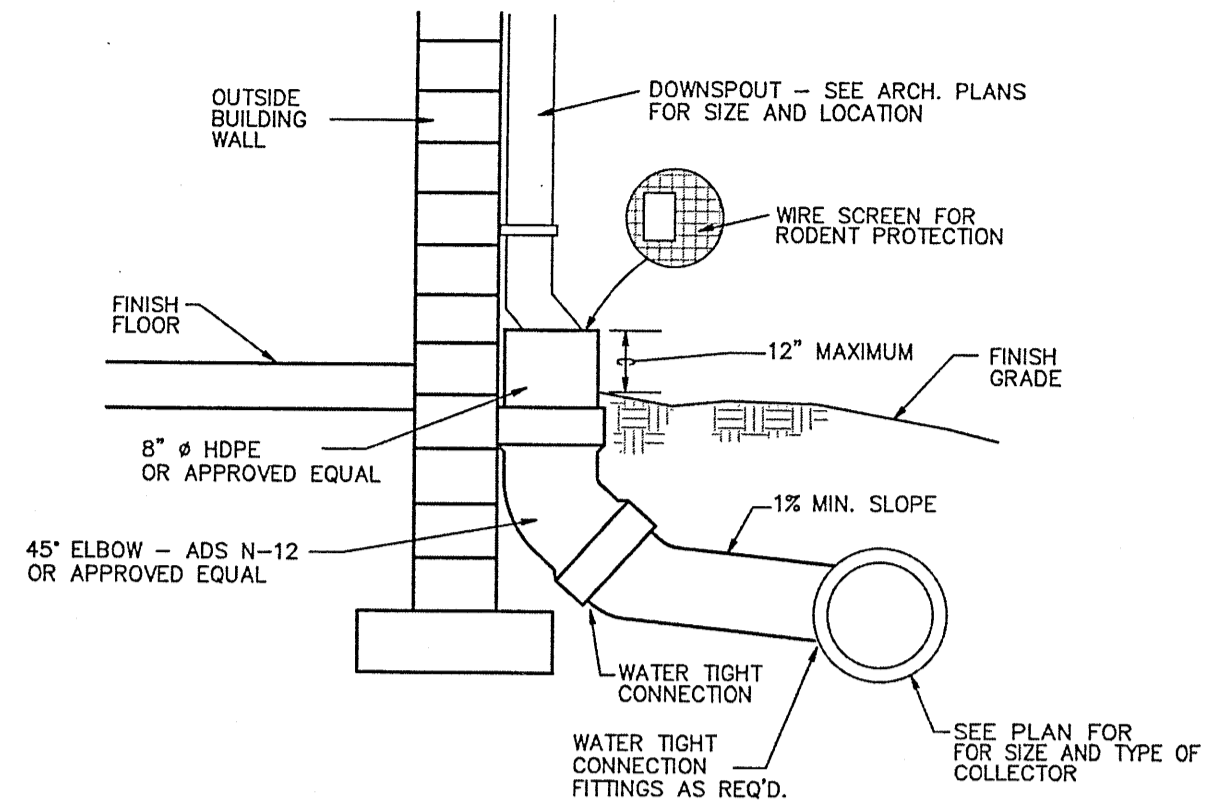
**O'Reilly AUTO PARTS**

233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-882-2674 PHONE

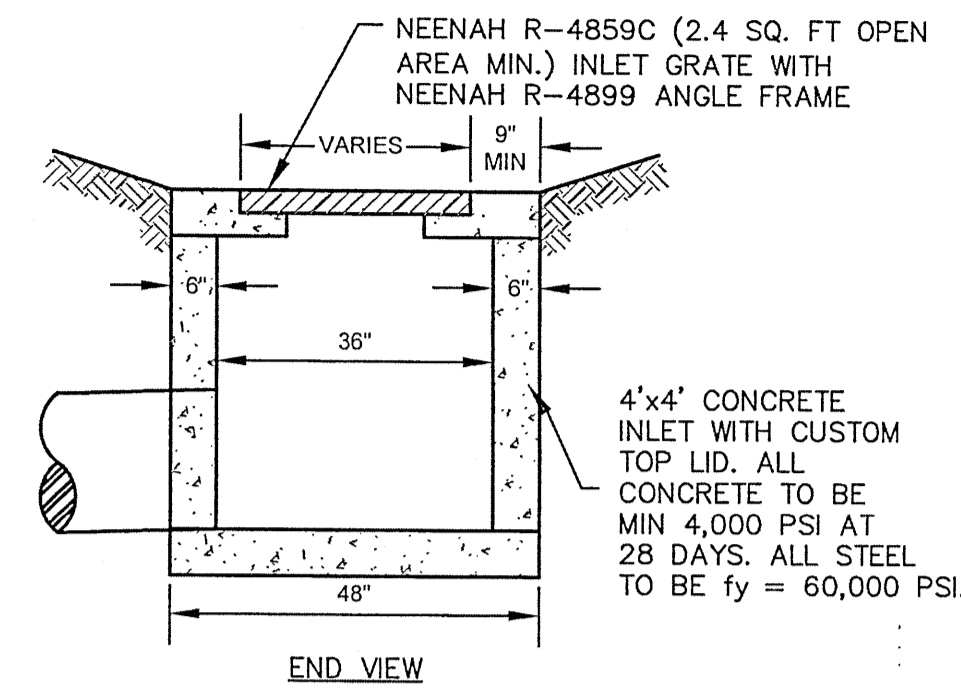
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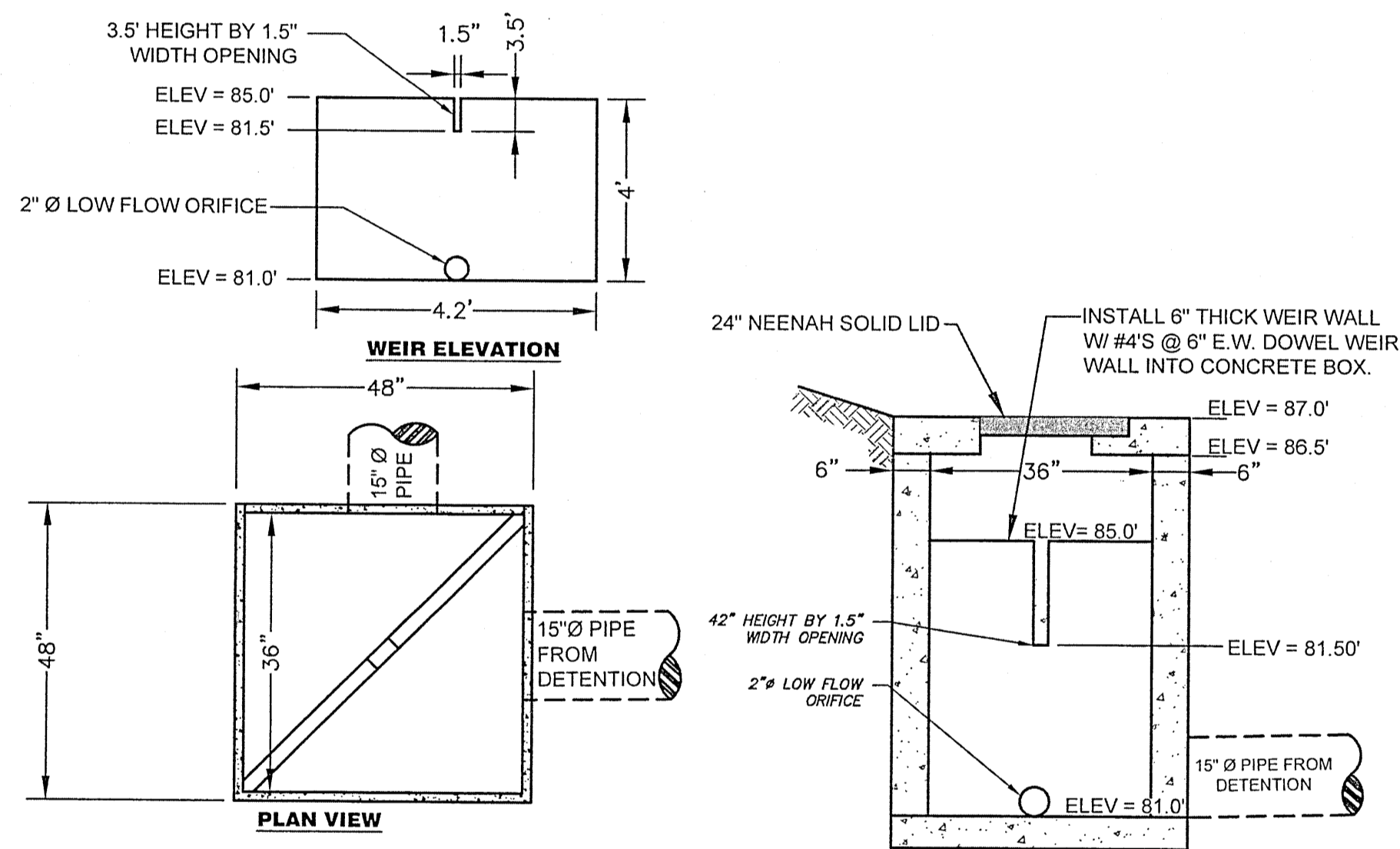
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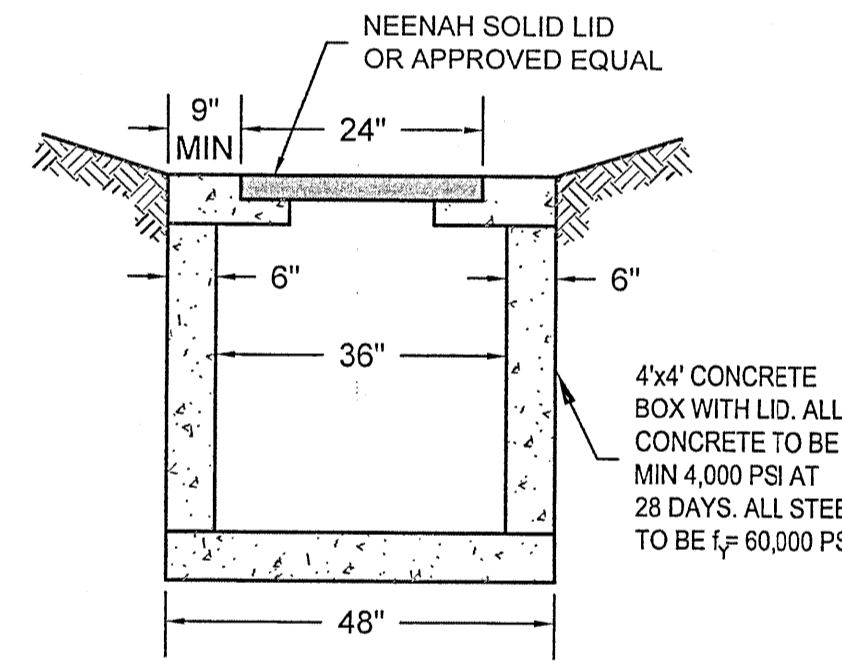
**1** **C4** **DOWNSPOUT COLLECTOR**  
SCALE: NOT TO SCALE



**2** **C4** **4' X 4' AREA INLET**  
SCALE: NOT TO SCALE



**3** **C4** **DETENTION OUTLET STRUCTURE**  
SCALE: NOT TO SCALE



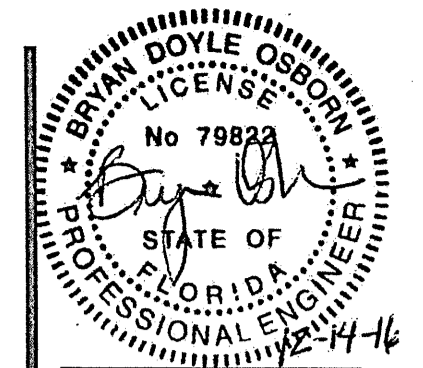
**4** **C4** **JUNCTION BOX**  
SCALE: NOT TO SCALE

**ESCAMBIA COUNTY NOTES:**

- THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY AS-BUILT RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE AS-BUILT CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE AS-BUILT CERTIFICATION OR THE AS-BUILT RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
- ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
- NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
- THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
- RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
- ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
- ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.
- DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
- THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
- NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RW, 1-800-432-4770.
- ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "ASBUILT" SIGN OFF FROM THE COUNTY.
- THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY.

**ANDERSON ENGINEERING**  
EMPLOYEE OWNED  
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING  
PO BOX 8811 • MIRAMAR BEACH, FLORIDA 32650 • PHONE (904) 774-9100  
ANDERSONENGINEERING.COM  
WWW.ANDERSONENGINEERING.COM  
DWG BY: BDO | PROJ # 10131-16 | DRAWING # VB-110-662

**CRAIG A. SCHNEIDER, AIA**  
ARCHITECT  
1730 East Sunshine, Suite 417  
Springfield, Missouri 65804  
e-mail: architect@esterlyschneider.com  
417.562.0558  
417.562.3265



**WATER QUALITY SUMMARY:**

THE REQUIRED WATER QUALITY VOLUME IS 1.0 INCHES OF RAINFALL OVER THE WATERSHED.

- WATER QUALITY VOLUME REQUIRED:  
 $WQ_v = (0.41 \text{ acres}) \times (1 \text{ in.} / 12 \text{ in.}) \times (43,560 \text{ ft}^2) = 1,488 \text{ ft}^3$
- WATER QUALITY VOLUME PROVIDED:  
PROVIDING WQ VOLUME USING 60 SC-740 STORMTECH CHAMBERS  
STORAGE PER CHAMBER = 74.9 CU. FT. OF STORAGE (6 INCH STONE BASE)  
PERMEABILITY RATE = 3.11 feet/day (INCLUDES FACTOR OF SAFETY OF 2)  
(SEE STORMWATER REPORT FOR DETAILS)
- RETENTION VOLUME PROVIDED:

ELEVATION (feet)	VOLUME SUM (cf)	VOLUME SUM (cf)	STORM (year)	ELEVATION (ft)	VOLUME MAX (cf)	DRAW-DOWN
80.00	0	0				
80.50	581	581				
81.00	1282	1863	WQv	81.00	1,863	8 HRS

**STORM WATER RUNOFF SUMMARY:**

TOTAL DRAINAGE AREA = 0.41 ACRES  
TOTAL DISTURBED AREA = 0.60 ACRES < 1.0 ACRES THEREFORE NO NOI.

- ON-SITE AREAS & CURVE NUMBERS  
DRAINAGE AREA = 0.41 ACRES  
PRE-DEVELOPMENT  
PERVIOUS AREA: GRASS = 0.35 ACRES (CN = 49)  
IMPERVIOUS AREA: IMPERVIOUS AREA: PARKING LOT & BUILDING = 0.03 ACRES (CN = 98)  
COMPOSITE CURVE NUMBER, CN = 53  
POST-DEVELOPMENT  
PERVIOUS AREA: GRASS = 0.09 ACRES (CN = 39)  
IMPERVIOUS AREA: PARKING LOT & BUILDING = 0.32 ACRES (CN = 98)  
COMPOSITE CURVE NUMBER, CN = 85
- TIME OF CONCENTRATION:  
EXISTING AND PROPOSED DEVELOPMENT  
 $T_c = 10 \text{ MIN}$
- PRECIPITATION DATA: NOAA ATLAS 14, VOLUME 9, VERSION 2  
RAINFALL DEPTH, (IN)

STORM EVENT	RETURN PERIOD (YR)		
	2 YR	25 YR	100 YR
24 HOUR	5.94	11.7	16.4

- EXISTING SITE RUNOFF:  
FLOW, cfs  
 $Q_{pre} =$  2 YR: 0.40, 25 YR: 1.83, 100 YR: 3.20
- PROPOSED SITE RUNOFF:  
FLOW, cfs  
 $Q_{post} =$  2 YR: 1.81, 25 YR: 4.01, 100 YR: 5.77
- DETENTION VOLUME PROVIDED:

ELEVATION (feet)	VOLUME SUM (cf)	VOLUME SUM (ac-ft)	STORM (year)	ELEVATION (ft)	DETENTION FLOW OUT (cfs)	REGULATION FLOW OUT (cfs)
80.00	0	0				
80.50	581	581				
81.00	1282	1863				
81.50	1253	3115				
82.00	1190	4305				
82.50	1081	5387		81.31	0.05	0.40
83.00	869	6256	25 YR	82.84	0.79	1.83
83.50	581	6837				
84.00	581	7418				
84.50	581	7999	100 YR	84.35	2.22	3.20
85.00	581	8580				

PER ESCAMBIA COUNTY LAND DEVELOPMENT CODE, THE FIRST 1 INCH OF RUNOFF SHALL BE RETAINED ON THE SITE AND THE 100 YEAR STORM EVENT MUST BE RELEASED AT OR BELOW EXISTING RATES. THE PROPOSED DETENTION WILL RETAIN THE FIRST 1 INCH OF RUNOFF AND STORE AND RELEASE THE 2, 25 AND 100 YEAR STORM EVENTS AT OR BELOW EXISTING RATES. ALL STORMWATER IS DISCHARGED FROM THE PROPOSED BURIED DETENTION TO THE EXISTING 18" PIPE ON THE SOUTH SIDE OF THE BUILDING AND INTO THE EXISTING STORMWATER PIPES ALONG PACE AVENUE PER EXISTING DRAINAGE PATTERNS.

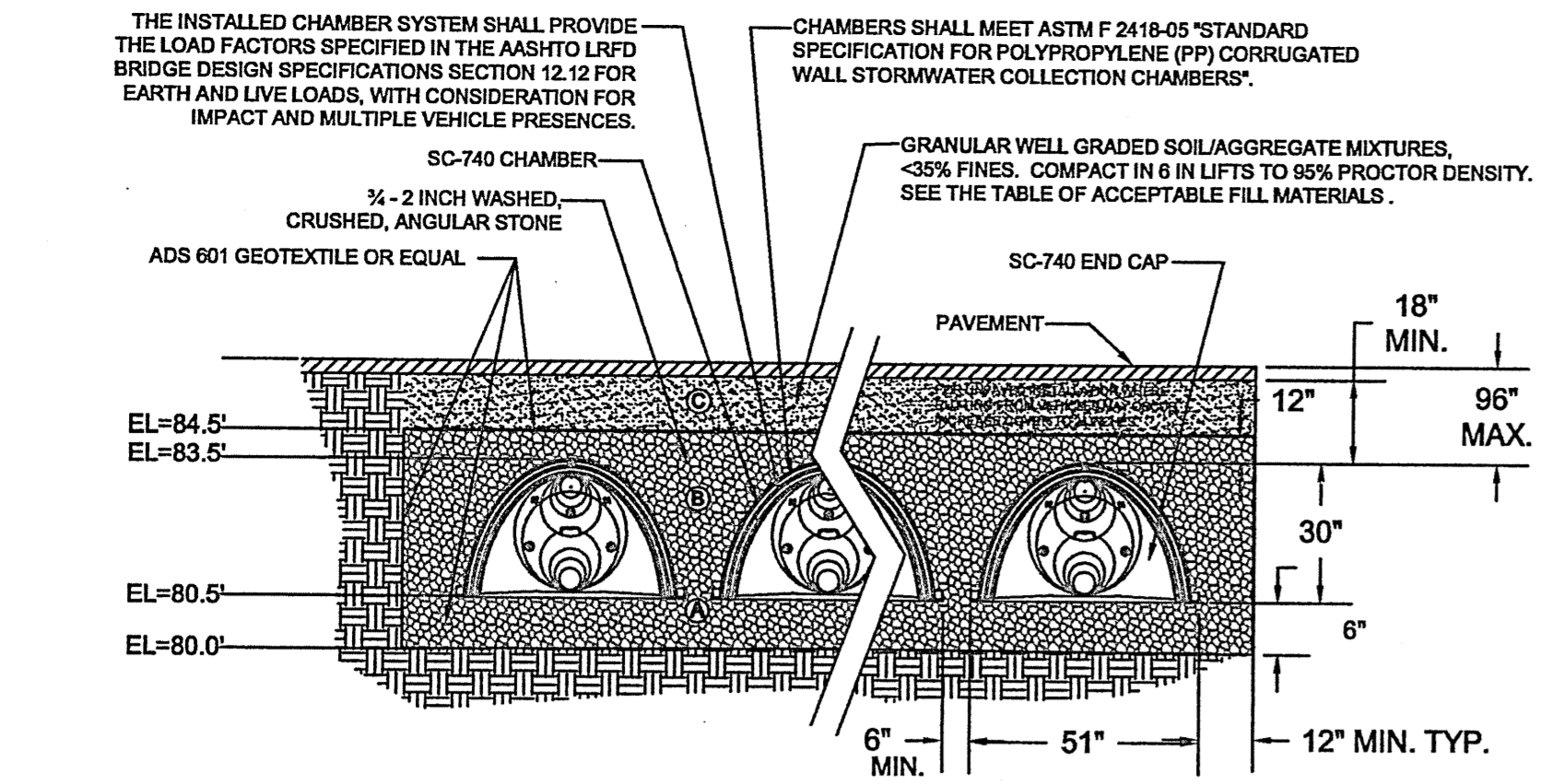
O'Reilly Auto Parts Store Addition

**O'Reilly AUTO PARTS**  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

COMM # 3897

DATE: 08-19-16  
REVISION DATE: 12-14-16

RECEIVED  
DEC 15 2010  
1206 E. SPRINGFIELD, MO  
STATE OF MISSOURI



THIS CROSS SECTION DETAILS THE REQUIREMENTS NECESSARY TO SATISFY THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS USING STORMTECH CHAMBERS

FOR STORMTECH INFORMATION CALL 1-888-892-2694

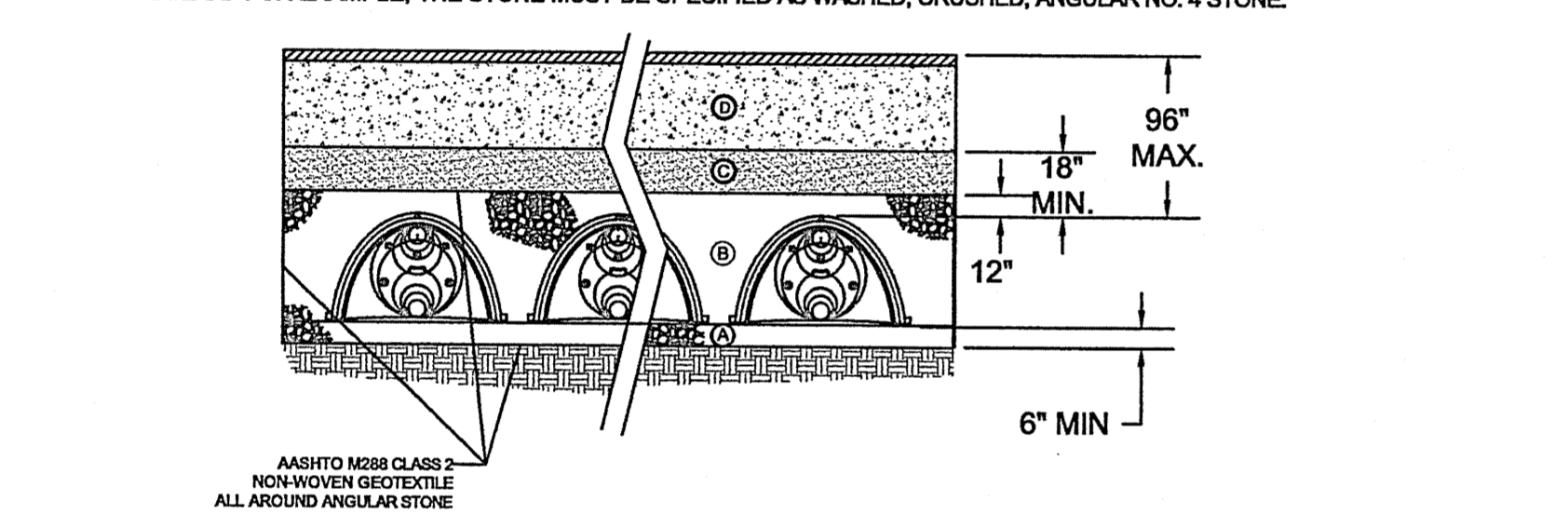
\*SEE STORMTECH DESIGN MANUAL

**SC-740 TYPICAL CROSS SECTION**

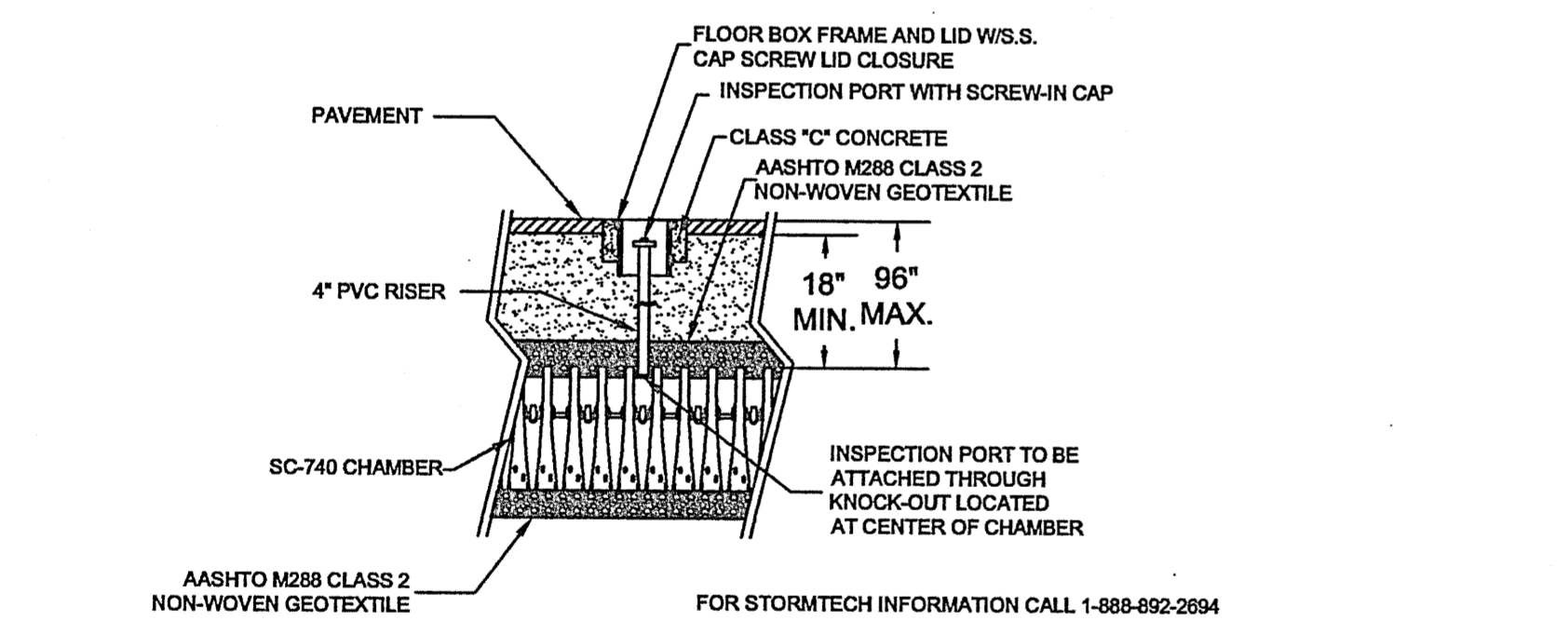
ACCEPTABLE FILL MATERIALS  
STORMTECH SC-310 AND SC-740 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO M43 DESIGNATION	AASHTO M45 DESIGNATION	COMPACTION/DENSITY REQUIREMENT
1. FILL MATERIAL FROM 18" TO GRADE ABOVE CHAMBERS	ANY SOIL/ROCK MATERIALS, NATIVE SOILS OR PER ENGINEERS PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	N/A	PREPARE PER ENGINEERS PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
2. FILL MATERIAL FOR 6" TO 18" ELEVATION ABOVE CHAMBERS (2" FOR UNPAVED INSTALLATIONS)	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <math>< 30\%</math> FINES.	3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 88, 9, 19	A-1, A-2, A-3	COMPACT IN 1" LIFTS TO A MINIMUM 95% STANDARD PROCTOR DENSITY. ROLLER/GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 LBS. DYNAMIC FORCE NOT TO EXCEED 20,000 LBS.
3. EMBEDMENT STONE SURROUNDING AND TO A 6" ELEVATION ABOVE CHAMBERS	WASHED ANGULAR STONE WITH THE MAJORITY OF PARTICLES BETWEEN 1/2" - 2" INCH	3, 357, 4, 467, 5, 56, 57	N/A	NO COMPACTION REQUIRED
4. FOUNDATION STONE BELOW CHAMBERS	WASHED ANGULAR STONE WITH THE MAJORITY OF PARTICLES BETWEEN 1/2" - 2" INCH	3, 357, 4, 467, 5, 56, 57	N/A	PLATE COMPACT OR ROLL TO ACHIEVE A 95% STANDARD PROCTOR DENSITY

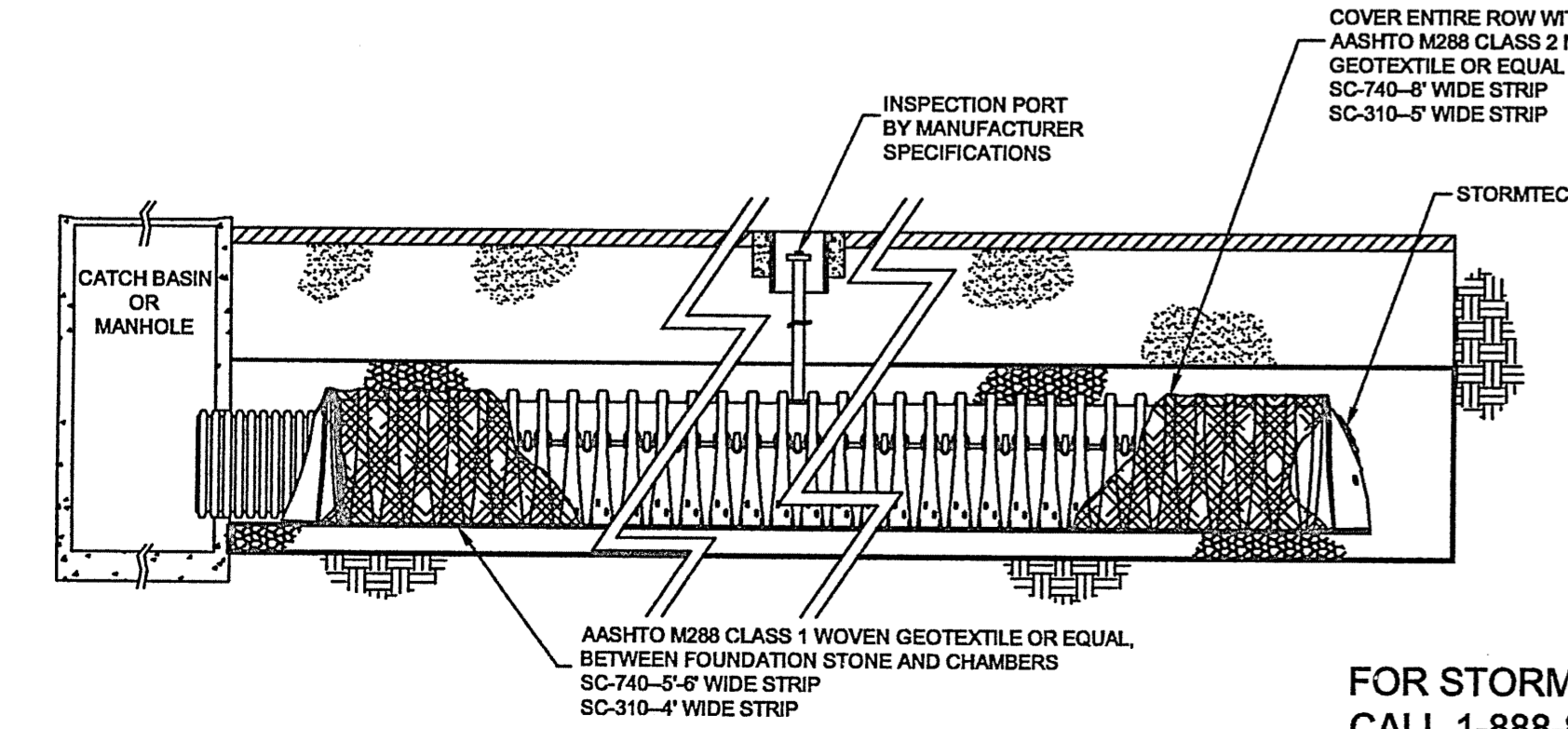
PLEASE NOTE: THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE WASHED CRUSHED ANGULAR. FOR EXAMPLE, THE STONE MUST BE SPECIFIED AS WASHED, CRUSHED, ANGULAR NO. 4 STONE.



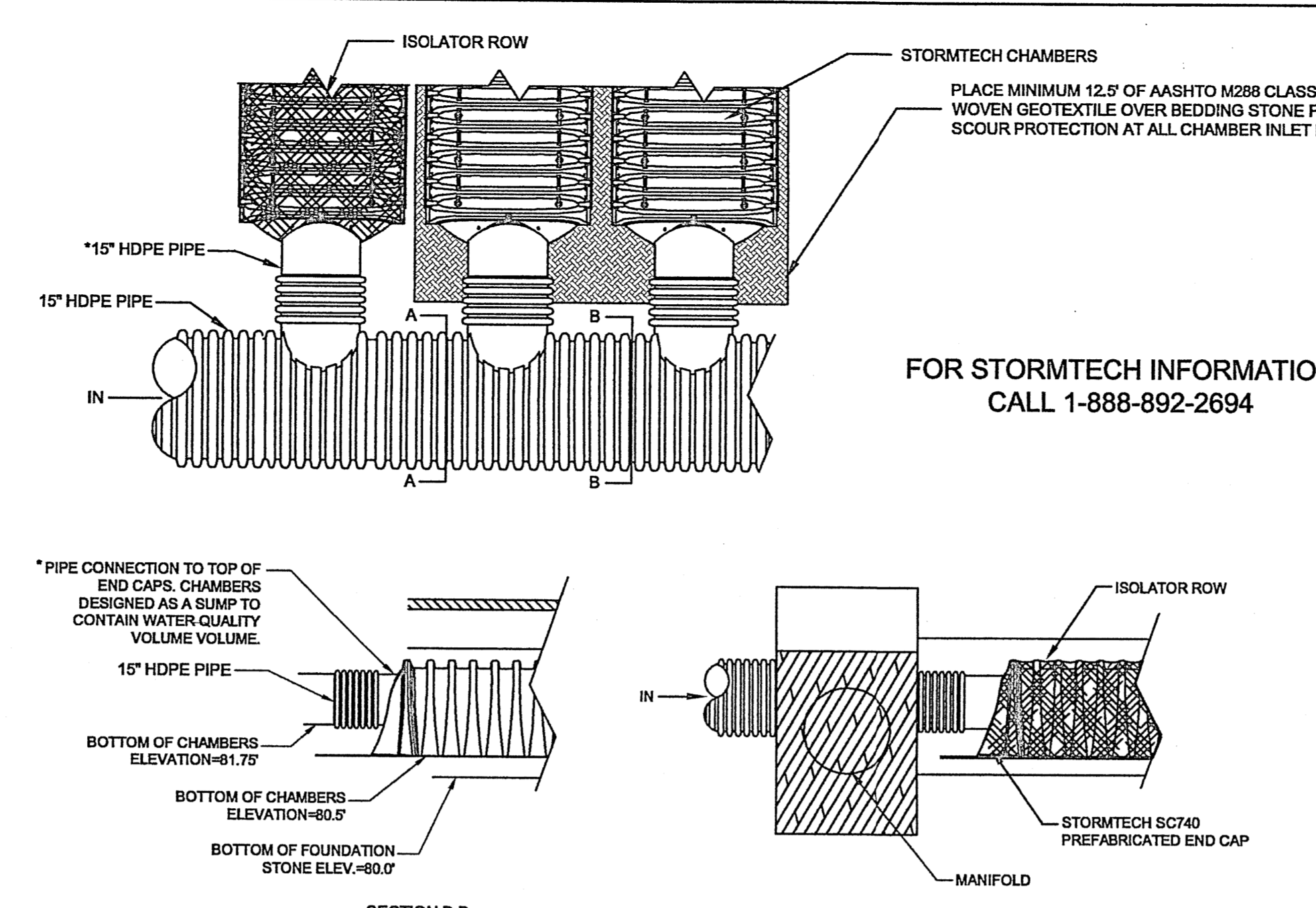
**STORMTECH ACCEPTABLE FILL MATERIALS**



**STORMTECH INSPECTION PORT DETAIL**



**STORMTECH ISOLATOR™ ROW DETAIL**

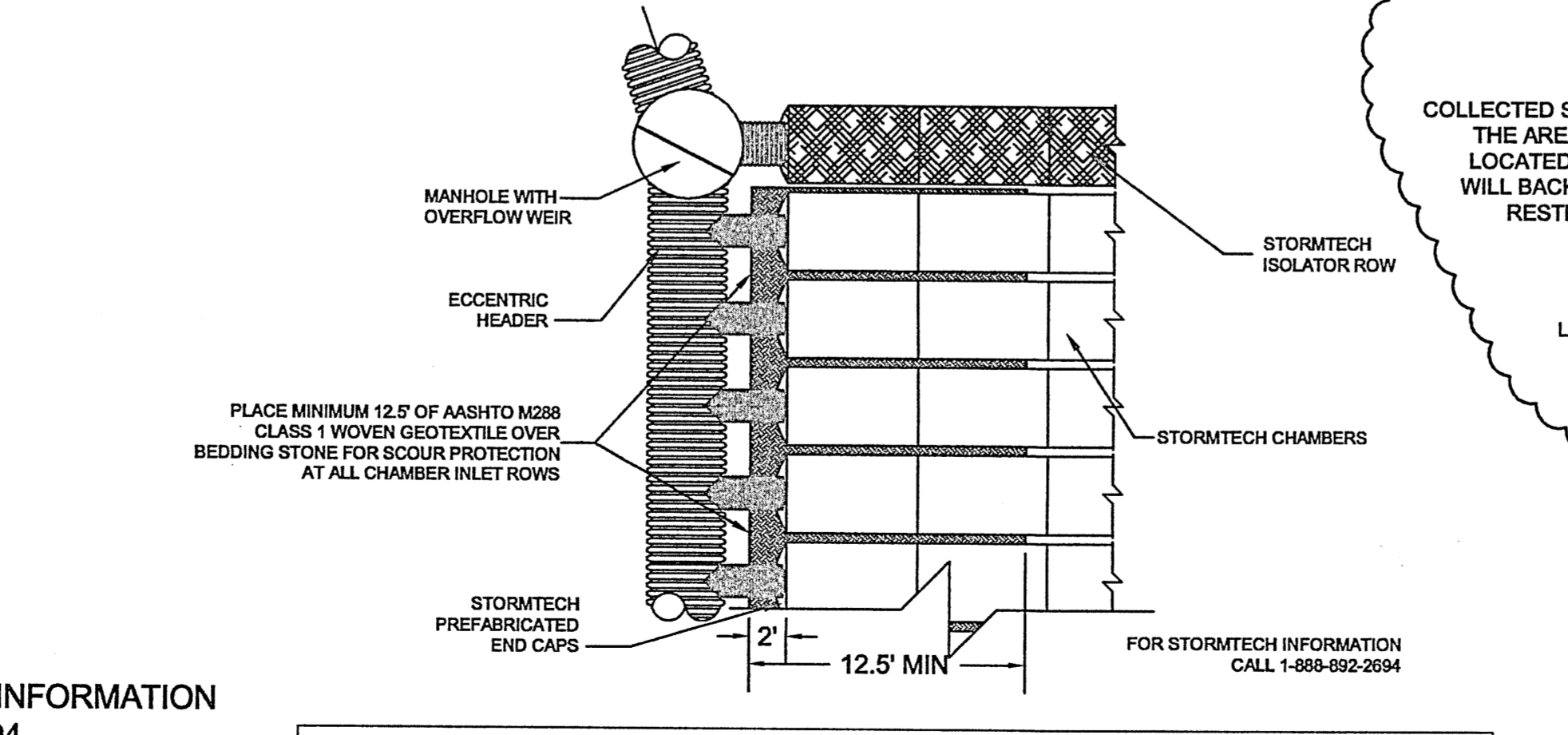


**STORMTECH ELEVATIONS**

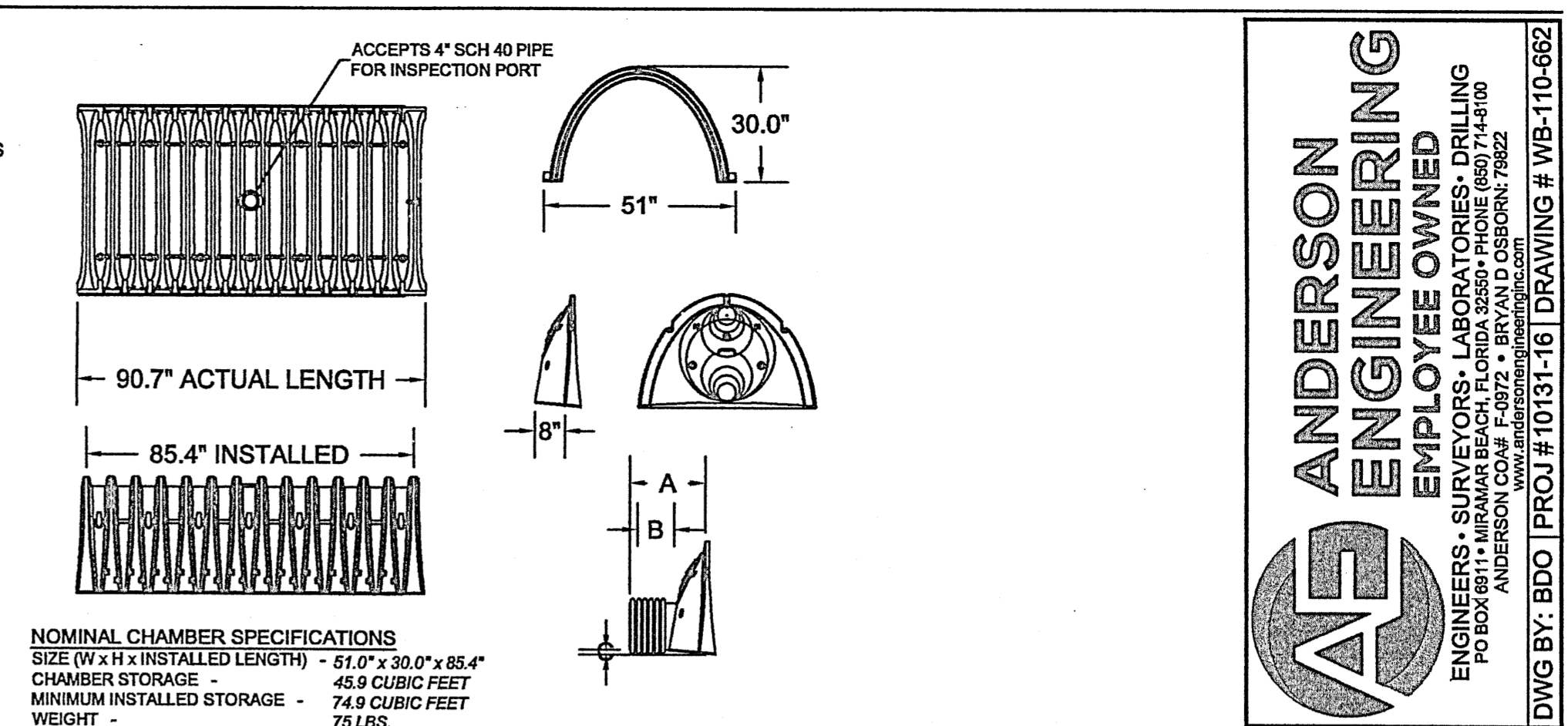
NOTES:  
1. ALL DESIGN SPECIFICATIONS FOR STORMTECH CHAMBERS SHALL BE IN ACCORDANCE WITH THE STORMTECH DESIGN MANUAL.  
2. THE INSTALLATION OF STORMTECH CHAMBERS SHALL BE IN ACCORDANCE WITH THE LATEST STORMTECH INSTALLATION INSTRUCTIONS.  
3. THE CONTRACTOR IS ADVISED TO REVIEW AND UNDERSTAND THE INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION. CALL 1-888-892-2694 OR VISIT WWW.STORMTECH.COM TO RECEIVE A COPY OF THE LATEST STORMTECH INSTALLATION INSTRUCTIONS.  
4. CHAMBERS SHALL MEET THE DESIGN REQUIREMENTS AND LOAD FACTORS SPECIFIED IN SECTION 12.12 OF THE LATEST EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS LOADS SHALL BE CALCULATED IN ACCORDANCE WITH SECTION 3 AND SHALL INCLUDE H20 DESIGN TRUCK, IMPACT FACTOR, MULTIPLE PRESENCE, AND LANE LOAD.

**STORMTECH GENERAL NOTES**

- STORMTECH LLC ("STORMTECH") REQUIRES INSTALLING CONTRACTORS TO USE AND UNDERSTAND STORMTECH'S LATEST INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION.
- OUR TECHNICAL SERVICES DEPARTMENT OFFERS INSTALLATION CONSULTATIONS TO INSTALLING CONTRACTORS. CONTACT OUR TECHNICAL SERVICES REPRESENTATIVE AT LEAST 30 DAYS PRIOR TO SYSTEM INSTALLATION TO ARRANGE A PRE-INSTALLATION CONSULTATION. OUR REPRESENTATIVES CAN THEN ANSWER QUESTIONS OR ADDRESS COMMENTS ON THE STORMTECH CHAMBER SYSTEM AND INFORM THE INSTALLING CONTRACTOR OF THE MINIMUM INSTALLATION REQUIREMENTS BEFORE BEGINNING THE SYSTEM'S CONSTRUCTION. CALL 1-888-892-2694 TO SPEAK TO A TECHNICAL SERVICE REPRESENTATIVE OR VISIT WWW.STORMTECH.COM TO RECEIVE A COPY OF OUR INSTALLATION INSTRUCTIONS.
- STORMTECH'S REQUIREMENTS FOR SYSTEMS WITH PAVEMENT DESIGN (ASPHALT, CONCRETE PAVERS, ETC.): MINIMUM COVER IS 18 INCHES NOT INCLUDING PAVEMENT; MAXIMUM COVER IS 96 INCHES INCLUDING PAVEMENT. FOR INSTALLATIONS THAT DO NOT INCLUDE PAVEMENT, WHERE RUTTING FROM VEHICLES MAY OCCUR, MINIMUM REQUIRED COVER IS 24 INCHES, MAXIMUM COVER IS 96 INCHES.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE DESIGN ENGINEER.
- AASHTO M288 CLASS 2 NON-WOVEN GEOTEXTILE (FILTER FABRIC) MUST BE USED AS INDICATED IN THE PROJECT PLANS.
- STONE PLACEMENT BETWEEN CHAMBERS ROWS AND AROUND PERIMETER MUST FOLLOW INSTRUCTIONS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH'S INSTALLATION INSTRUCTIONS.
- BACKFILLING OVER THE CHAMBERS MUST FOLLOW REQUIREMENTS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH'S INSTALLATION INSTRUCTIONS.
- THE CONTRACTOR MUST REFER TO STORMTECH'S INSTALLATION INSTRUCTIONS FOR A TABLE OF ACCEPTABLE VEHICLE LOADS AT VARIOUS DEPTHS OF COVER. THIS INFORMATION IS ALSO AVAILABLE AT STORMTECH'S WEBSITE: WWW.STORMTECH.COM. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING VEHICLES THAT EXCEED STORMTECH'S REQUIREMENTS FROM TRAVELING ACROSS OR PARKING OVER THE STORMTECH SYSTEM. TEMPORARY FENCING, WARNING TAPE AND APPROPRIATELY LOCATED SIGNS ARE COMMONLY USED TO PREVENT UNAUTHORIZED VEHICLES FROM ENTERING SENSITIVE CONSTRUCTION AREAS.
- THE CONTRACTOR MUST APPLY EROSION AND SEDIMENT CONTROL MEASURES TO PROTECT THE STORMTECH SYSTEM DURING ALL PHASES OF SITE CONSTRUCTION PER LOCAL CODES AND DESIGN ENGINEER'S SPECIFICATIONS.
- STORMTECH PRODUCT WARRANTY IS LIMITED. SEE CURRENT PRODUCT WARRANTY FOR DETAILS. TO ACQUIRE A COPY CALL STORMTECH AT 1-888-892-2694 OR VISIT WWW.STORMTECH.COM.



**STORMTECH ISOLATOR™ ROW MANIFOLD DETAIL**



NOMINAL CHAMBER SPECIFICATIONS  
SIZE (W x H x INSTALLED LENGTH) - 51.0" x 30.0" x 85.4"  
CHAMBER STORAGE - 49.8 CUBIC FEET  
MINIMUM INSTALLED STORAGE - 74.8 CUBIC FEET  
WEIGHT -

PART #	CHAMBER	PIPE SIZE	A	B	C	D
SC740EP205	SC 740	6 in (152 mm)	10.00 in (257 mm)	3.65 in (93 mm)	18.50 in (470 mm)	N/A
SC740EP208	SC 740	6 in (152 mm)	10.00 in (257 mm)	3.65 in (93 mm)	N/A	0.50 in (13 mm)
SC740EP127	SC 740	12 in (305 mm)	14.70 in (373 mm)	7.70 in (196 mm)	12.50 in (318 mm)	N/A
SC740EP128	SC 740	12 in (305 mm)	14.70 in (373 mm)	7.70 in (196 mm)	N/A	1.20 in (30 mm)
SC740EP151	SC 740	15 in (375 mm)	18.40 in (467 mm)	10.36 in (263 mm)	6.00 in (152 mm)	N/A
SC740EP158	SC 740	15 in (375 mm)	18.40 in (467 mm)	10.36 in (263 mm)	N/A	1.30 in (33 mm)
SC740EP187	SC 740	18 in (460 mm)	18.70 in (476 mm)	10.72 in (272 mm)	6.00 in (152 mm)	N/A
SC740EP188	SC 740	18 in (460 mm)	18.70 in (476 mm)	10.72 in (272 mm)	N/A	1.60 in (41 mm)
SC740EP248	SC 740	24 in (600 mm)	18.80 in (470 mm)	0.45 in (11 mm)	N/A	0.10 in (3 mm)

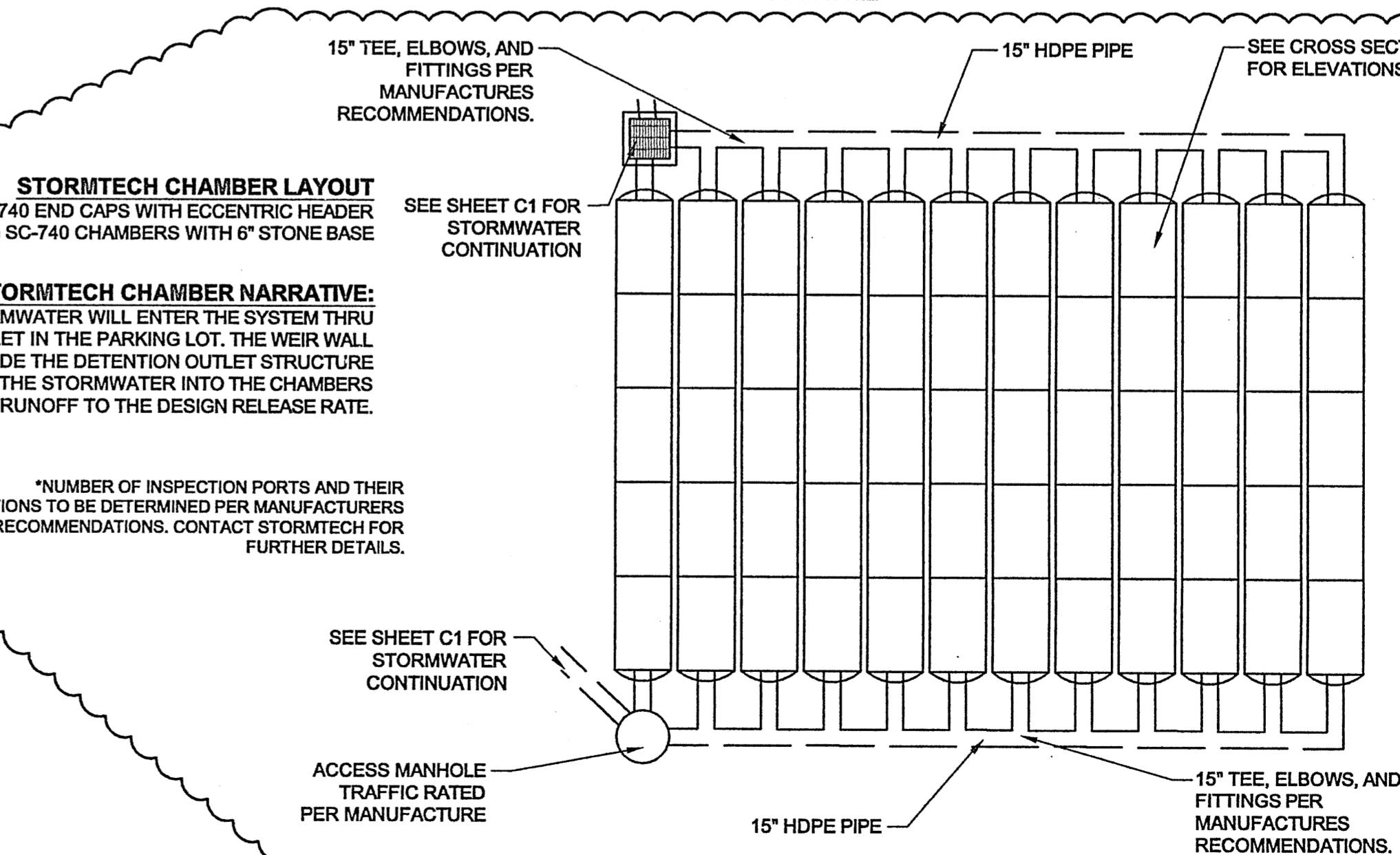
NOTE: ALL DIMENSIONS ARE IN MILLIMETERS.  
ALL STUBS, EXCEPT FOR THE SC740EP248 ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

\* FOR THE SC740EP248 THE 24" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE 18" STUB SUCH THAT THE FITTING SETS LEVEL.

**TECHNICAL DETAILS**

**STORMTECH PRODUCT SPECIFICATIONS**

- GENERAL
- STORMTECH CHAMBERS ARE DESIGNED TO CONTROL STORMWATER RUNOFF. AS A SUBSURFACE RETENTION SYSTEM, STORMTECH CHAMBERS RETAIN AND ALLOW EFFECTIVE INFILTRATION OF WATER INTO THE SOIL. AS A SUBSURFACE DETENTION SYSTEM, STORMTECH CHAMBERS DETAIN AND ALLOW FOR THE METEDED FLOW OF WATER TO AN OUTFALL.
- CHAMBER PARAMETERS
- THE CHAMBER SHALL BE INJECTION MOLDED OF POLYPROPYLENE RESIN TO BE INHERENTLY RESISTANT TO ENVIRONMENTAL STRESS CRACKING (ESC) AND TO MAINTAIN ADEQUATE STIFFNESS THROUGH HIGHER TEMPERATURES EXPERIENCED DURING INSTALLATION AND SERVICE.
- THE NOMINAL CHAMBER DIMENSIONS OF THE STORMTECH SC-740 SHALL BE 30.0 INCHES TALL, 51.0 INCHES WIDE AND 90.7 INCHES LONG. THE NOMINAL CHAMBER DIMENSIONS OF THE STORMTECH SC-310 SHALL BE 16.0 INCHES TALL, 34.0 INCHES WIDE AND 90.7 INCHES LONG. THE INSTALLED LENGTH OF A JOINED CHAMBER SHALL BE 85.4 INCHES.
- THE CHAMBER SHALL HAVE A CONTINUOUSLY CURVED SECTION PROFILE.
- THE CHAMBER SHALL BE OPEN-BOTTOMED.
- THE CHAMBER SHALL INCORPORATE AN OVERLAPPING CORRUGATION JOINT SYSTEM TO ALLOW CHAMBER ROWS OF ALMOST ANY LENGTH TO BE CREATED. THE OVERLAPPING CORRUGATION JOINT SYSTEM SHALL BE EFFECTIVE WHILE ALLOWING A CHAMBER TO BE TRIMMED TO SHORTEN ITS OVERALL LENGTH.
- THE CHAMBER SHALL HAVE FORTY-EIGHT ORIFICES PER CHAMBER WHEN INSTALLED PER STORMTECH'S TYPICAL DETAILS (INCLUDES THE VOLUME OF CRUSHED ANGULAR STONE WITH AN ASSUMED 40% POROSITY). THIS EQUATES TO 2.2 CUBIC FEET OF STORAGE/SQUARE FOOT OF BED.
- THE CHAMBER SHALL HAVE TWO ORIFICES NEAR ITS TOP TO ALLOW FOR EQUALIZATION OF AIR PRESSURE BETWEEN ITS INTERIOR AND EXTERIOR.
- THE CHAMBER SHALL HAVE BOTH OF ITS ENDS OPEN TO ALLOW FOR UNIMPEDED HYDRAULIC FLOWS AND VISUAL INSPECTIONS DOWN A ROW'S ENTIRE LENGTH.
- THE CHAMBER SHALL HAVE 14 CORRUGATIONS.
- THE CHAMBER SHALL HAVE A CIRCULAR, INDENTED, FLAT SURFACE ON THE TOP OF THE CHAMBER FOR AN OPTIONAL 4-INCH INSPECTION PORT OR CLEAN-OUT.
- THE CHAMBER SHALL BE ANALYZED AND DESIGNED USING AASHTO METHODS FOR THERMOPLASTIC CULVERTS CONTAINED IN THE LRFD BRIDGE DESIGN SPECIFICATIONS, 2ND EDITION, INCLUDING INTERM SPECIFICATIONS THROUGH 2001. DESIGN LIVE LOAD SHALL BE THE AASHTO H20 TRUCK. DESIGN SHALL CONSIDER EARTH AND LIVE LOADS AS APPROPRIATE FOR THE MINIMUM TO MAXIMUM SPECIFIED DEPTH OF FILL.
- THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2000 CERTIFIED FACILITY.
- END CAP PARAMETERS
- THE END CAP SHALL BE INJECTION MOLDED OF POLYPROPYLENE RESIN TO BE INHERENTLY RESISTANT TO ENVIRONMENTAL STRESS CRACKING, AND TO MAINTAIN ADEQUATE STIFFNESS THROUGH HIGHER TEMPERATURES EXPERIENCED DURING INSTALLATION AND SERVICE.
- THE END CAP SHALL BE DESIGNED TO FIT INTO ANY CORRUGATION OF A CHAMBER, WHICH ALLOWS CAPPING A CHAMBER THAT HAS LENGTH TRIMMED, SEGMENTING ROWS INTO STORAGE BASINS OF VARIOUS LENGTHS.
- THE END CAP SHALL HAVE SAW GUIDES TO ALLOW EASY CUTTING FOR VARIOUS DIAMETERS OF PIPE THAT MAY BE USED TO INLET THE SYSTEM.
- THE END CAP SHALL HAVE EXCESS STRUCTURAL ADEQUACIES TO ALLOW CUTTING AN ORIFICE OF ANY SIZE AT ANY INVERT ELEVATION.
- THE PRIMARY FACE OF AN END CAP SHALL BE CURVED OUTWARD TO RESIST HORIZONTAL LOADS GENERATED NEAR THE EDGES OF BEDS.
- THE END CAP SHALL BE MANUFACTURED IN AN ISO 9001:2000 CERTIFIED FACILITY.



**STORMTECH SC-740 CHAMBER LAYOUT**

**ANDERSON ENGINEERING**  
EMPLOYEE OWNED  
ENGINEERS, SURVEYORS, LABORATORS, DRILLING  
PO BOX 881 • WILMAR BEACH, FLORIDA 32507 • PHONE (904) 744-1410  
ANDERSON CO. #E-9972 • BRYAN D. OSBORN, P.E.  
DWG BY: BDO | PROJ # 10131-16 | DRAWING # WB-110-862

MISSOURI PROFESSIONAL ENGINEER  
No. 7982  
STATE OF MISSOURI  
CRAIG A. SCHEIDER, AIA  
ARCHITECT

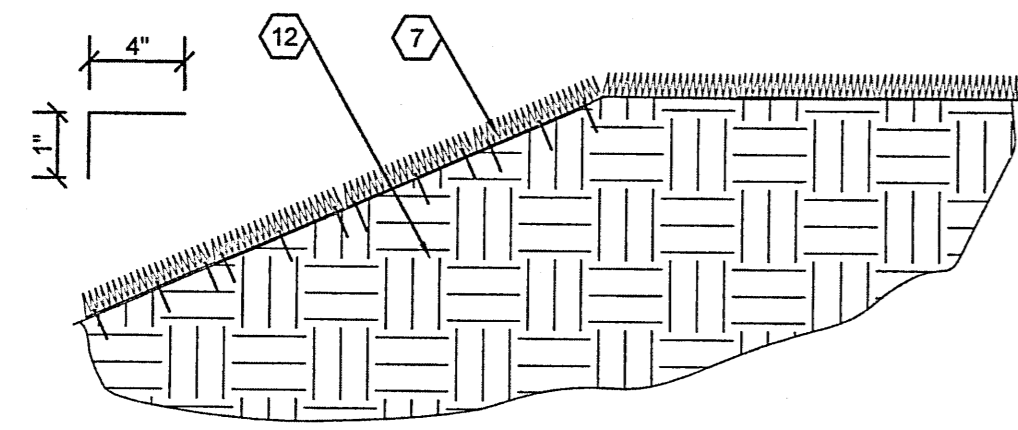
CRAIG A. SCHEIDER, AIA  
ARCHITECT  
1736 East Sunshine, Suite 417  
Springfield, Missouri 65804  
e-mail: architect@craftsmanetel.com  
417-862-6558  
417-862-3265

O'Reilly Auto Parts Store Address:  
2601 NORTH PACE BLVD.  
PENSACOLA, FL  
(PENSACOLA #1)

**O'Reilly AUTO PARTS**  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
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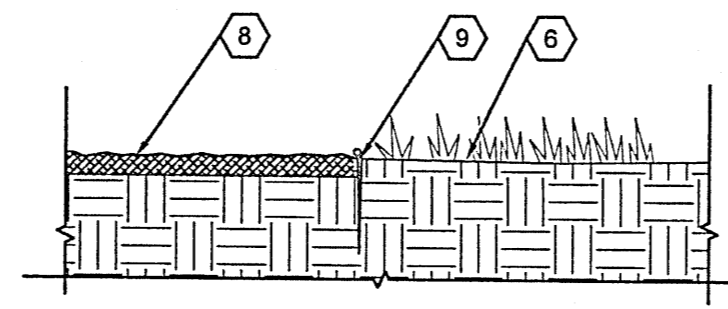
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DATE: 08-19-16  
REVISION DATE: 12-14-16





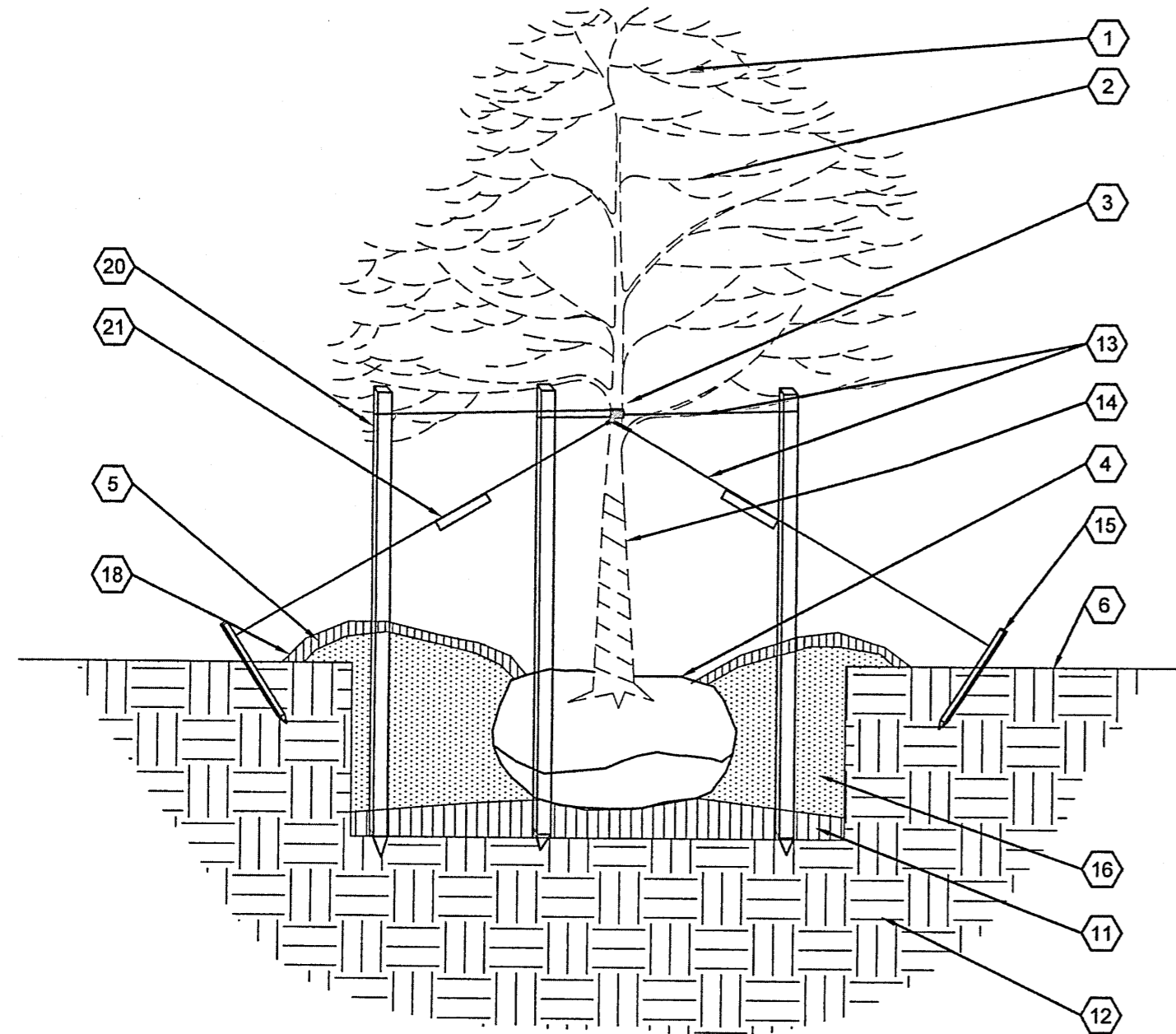
**1 SODDING WITH PINS**

L2 SCALE: 3/4" = 1'-0"



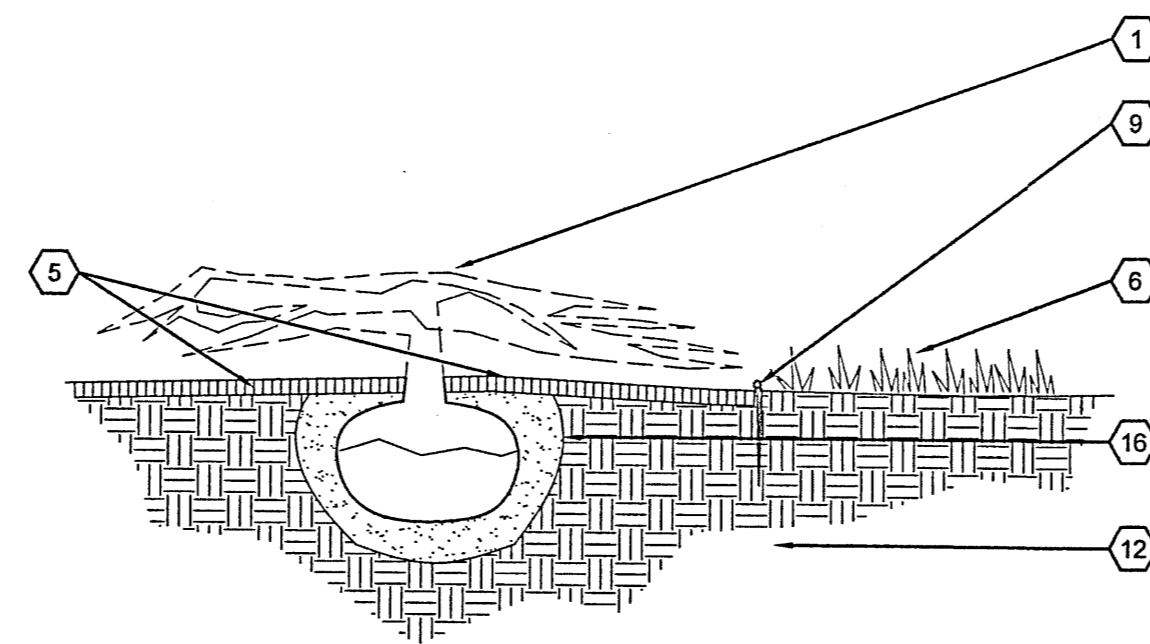
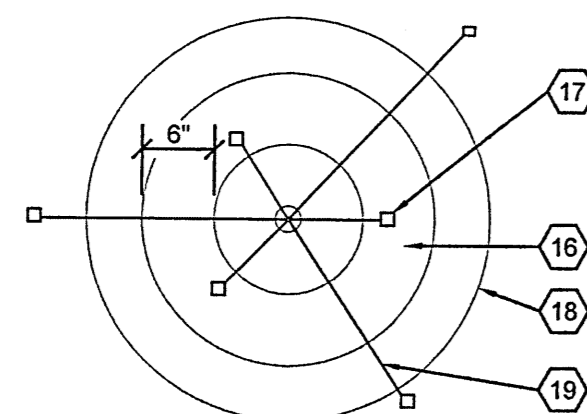
**2 GRAVEL LANDSCAPE FABRIC**

L2 SCALE: 3/4" = 1'-0"



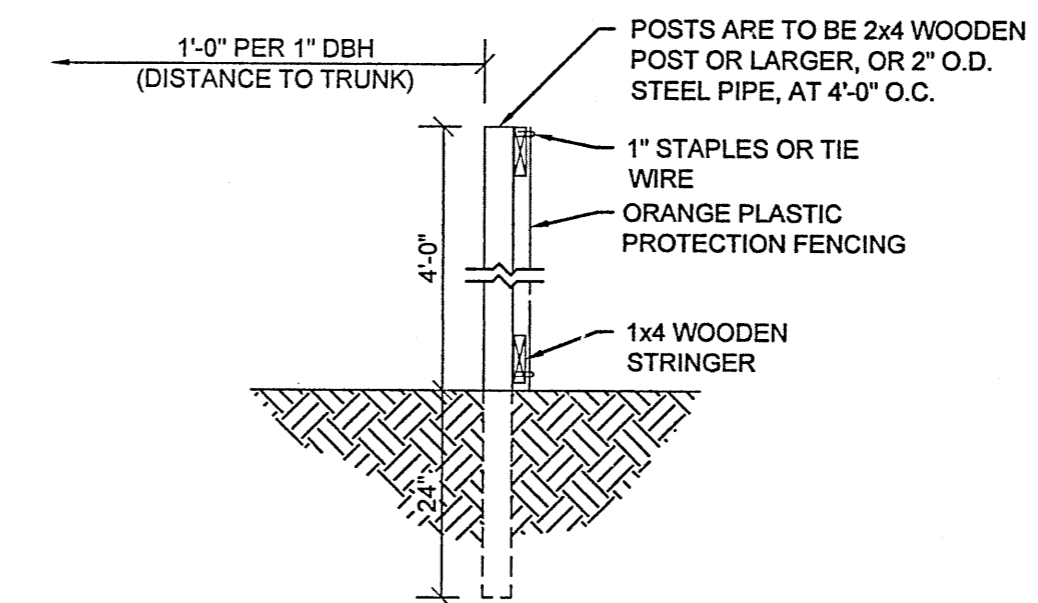
**3 LARGE DECIDUOUS TREE PLANTING**

L2 SCALE: 3/4" = 1'-0"



**4 SMALL SHRUB PLANTING**

L2 SCALE: 3/4" = 1'-0"



**5 TREE PROTECTION FENCE DETAIL**

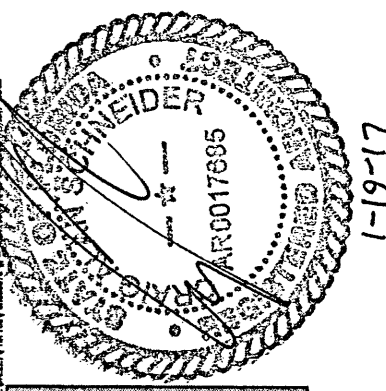
L2 SCALE: 3/4" = 1'-0"

**GENERAL NOTES:**

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

**KEY NOTES:**

- 1 PLANTING: REFER TO PLANTING SCHEDULE FOR TYPE
- 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 REFER TO LANDSCAPE PLAN FOR GROUND COVER TYPE AND LOCATIONS. PROVIDE 3" DEEP 5/8" CREEK GRAVEL OVER BLACK VISQUEEN VAPOR BARRIER.
- 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 VISQUEEN VAPOR BARRIER.
- 9 4" BLACK POLY VINYL EDGING
- 10 PREFERRED SOIL
- 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



**CRAIG A. SCHNEIDER, AIA**  
ARCHITECT

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Springfield, Missouri 65804  
e-mail: architect@esteschnider.com

O'Reilly Auto Parts Store Addition:

2601 NORTH PACE BLVD.  
PENSACOLA, FL

(PENSACOLA #1)

**O'Reilly AUTO PARTS**

**O'Reilly**  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

COMM # 3897

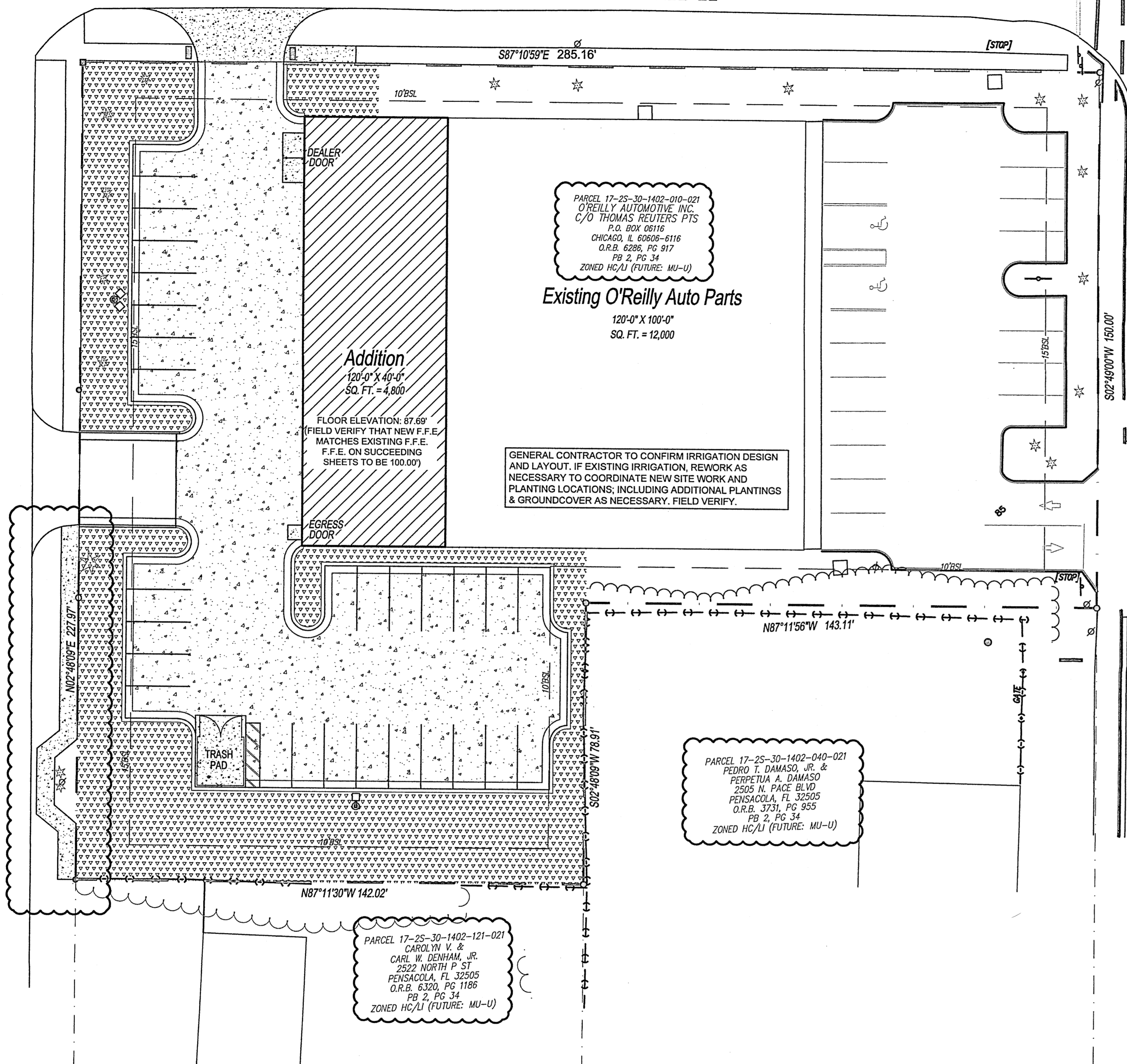
DATE: 8-19-16  
REVISION DATE: 1-19-17

WEST CROSS STREET  
55' RIGHT OF WAY 30 MPH

NORTH "P" STREET  
50' RIGHT OF WAY 30 MPH

NORTH PACE BOULEVARD  
85' RIGHT OF WAY 40 MPH

ST. JOSEPH AVE.  
60' RIGHT OF WAY



PARCEL 17-25-30-1402-010-021  
O'REILLY AUTOMOTIVE, INC.  
C/O THOMAS REUTERS PITS  
P.O. BOX 05116  
CHICAGO, IL 60606-5116  
O.R.B. 6285, PG 917  
PB 2, PG 34  
ZONED HC/AJ (FUTURE: MU-U)

Existing O'Reilly Auto Parts  
120'-0" X 100'-0"  
SQ. FT. = 12,000

Addition  
120'-0" X 40'-0"  
SQ. FT. = 4,800

FLOOR ELEVATION: 67.69  
FIELD VERIFY THAT NEW F.F.E.  
MATCHES EXISTING F.F.E.  
F.F.E. ON SUCCEEDING  
SHEETS TO BE 100.000

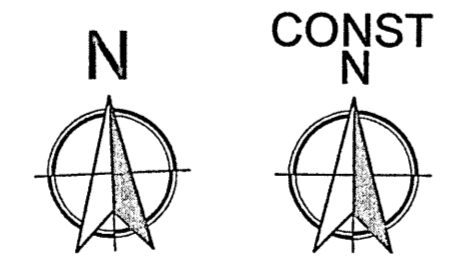
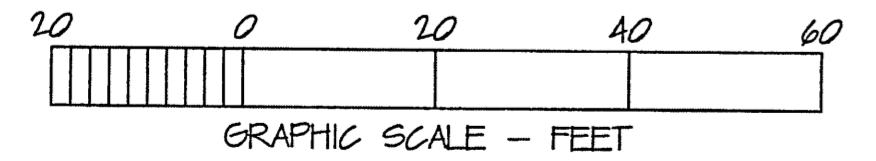
GENERAL CONTRACTOR TO CONFIRM IRRIGATION DESIGN  
AND LAYOUT. IF EXISTING IRRIGATION, REWORK AS  
NECESSARY TO COORDINATE NEW SITE WORK AND  
PLANTING LOCATIONS, INCLUDING ADDITIONAL PLANTINGS  
& GROUND COVER AS NECESSARY. FIELD VERIFY.

PARCEL 17-25-30-1402-040-021  
PEDRO T. DAMASO, JR. &  
PERPETUA A. DAMASO  
2505 W. PACE BLVD  
PENSACOLA, FL 32505  
O.R.B. 3731, PG 955  
PB 2, PG 34  
ZONED HC/AJ (FUTURE: MU-U)

PARCEL 17-25-30-1402-121-021  
CAROLYN V. &  
CARL W. DENHAM, JR.  
2522 NORTH P ST  
PENSACOLA, FL 32505  
O.R.B. 6320, PG 1186  
PB 2, PG 34  
ZONED HC/AJ (FUTURE: MU-U)

**1 IRRIGATION COVERAGE PLAN**

L3 SCALE: 1" = 20'

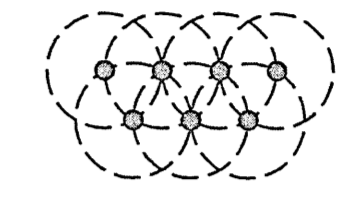


**GENERAL NOTES:**

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

**COVERAGE DETAIL:**

1. IRRIGATION HEAD SHALL BE PLACED TO PROVIDE 100% OVERLAP HEAD-TO-HEAD COVERAGE.
2. A RAIN SENSOR AND ANTI-FREEZE ASSEMBLY SHALL BE INSTALLED ON IRRIGATION SYSTEM.
3. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERABLE SYSTEM FOR THE IRRIGATION OF ALL LANDSCAPE PLANTING(S) AND DESIRED COVERAGE AREAS ON SITE.
4. THE IRRIGATION CONTRACTOR IS FULLY RESPONSIBLE FOR THE WORK UNTIL OWNER GIVES FINAL ACCEPTANCE.
5. NO WATER TO BE SPRAYED ON SIDEWALK, PARKING LOT, ROAD OR ADJACENT PROPERTY. ADJUST ARC AND RADIUS OF REQUIRED SPRINKLERS AS NEEDED.
6. ALL CIRCUIT PIPE IS TO BE CLASS 160 PVC OR HIGHER GRADE.
7. ALL MAIN FITTINGS SHALL BE REINFORCED WITH 2000PSI FPOURED CONCRETE THRUST BLOCKS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE REQUIRED SYSTEM IN COMPLETE ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, AND LAWS. ANY MODIFICATION MADE AFTER INSTALLATION TO CONFORM WITH SAID CODES, LAWS AND ORDINANCES SHALL BE PERFORMED AT CONTRACTORS EXPENSE AT NO ADDITIONAL COST TO O'REILLY.

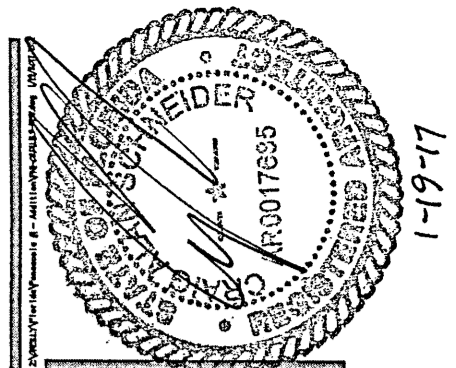


**LANDSCAPE SYMBOLS LEGEND**

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND	
	NEW BUILDING CONSTRUCTION
	AREA OF CONCRETE
	AREA OF DESIRED IRRIGATION COVERAGE
	NEW CONCRETE PAVING BLOCK
	LIGHT POLE LOCATION
	NEW FENCE CONSTRUCTION



SUNSHINE STATE  
ONE CALL OF FLORIDA  
1-800-432-4770



**CRAIG A. SCHNEIDER, AIA**  
ARCHITECT

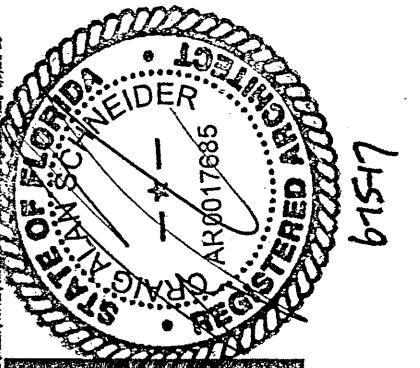
O'Reilly Auto Parts Store Addition:  
2601 NORTH PACE BLVD.  
PENSACOLA, FL

**O'Reilly AUTO PARTS**

**O'Reilly**  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

COMM # 3897

DATE: 8-19-16  
REVISION DATE: 1-19-17



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 2601 NORTH PACE BLVD.  
 PENSACOLA, FL  
 (PENSACOLA #1)

**O'Reilly AUTO PARTS**

**O'Reilly**  
 233 SOUTH PATTERSON  
 SPRINGFIELD, MISSOURI 65802  
 417-862-2674 PHONE

COMM # 3353

DATE: 1-19-17  
 REVISION DATE: 6-15-17

L4 of 4

**TREE PRESERVATION CALCULATIONS:**

TREE #	EXISTING TREES (REFER TO SURVEY)	REMOVE / PRESERVE
1	6" BIRCH	PRESERVE
2	6" BIRCH	REMOVE
3	6" BIRCH	PRESERVE
4	6" BIRCH	PRESERVE
5	6" BIRCH	PRESERVE
6	6" BIRCH	PRESERVE
7	8" BIRCH	PRESERVE
8	8" BIRCH	PRESERVE
9	8" BIRCH	PRESERVE
10	6" BIRCH	PRESERVE
11	8" BIRCH	PRESERVE
12	8" BIRCH	PRESERVE
13	4" BIRCH	PRESERVE
14	6" BIRCH	REMOVE
15	6" BIRCH	REMOVE
16	48" OAK	PRESERVE
17	8" BIRCH	REMOVE
18	6" BIRCH	REMOVE
19	6" BIRCH	PRESERVE
20	6" BIRCH	PRESERVE
21	6" BIRCH	PRESERVE
22	6" BIRCH	PRESERVE
23	12" OAK	REMOVE
24	15" OAK	PRESERVE
25	15" OAK	PRESERVE

TREE PROTECTION IS REQUIRED. REFER TO DETAIL 5/L2 FOR ADDITIONAL INFORMATION.

**KEY NOTES:**

- ① NEW TREE: REFER TO SHEET L1, LANDSCAPE PLAN FOR ADDITIONAL INFORMATION.
- ② EXISTING TREES TO REMAIN: PROTECT AS REQUIRED. REFER TO DETAIL 5/L2.

**LANDSCAPE SYMBOLS LEGEND**

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

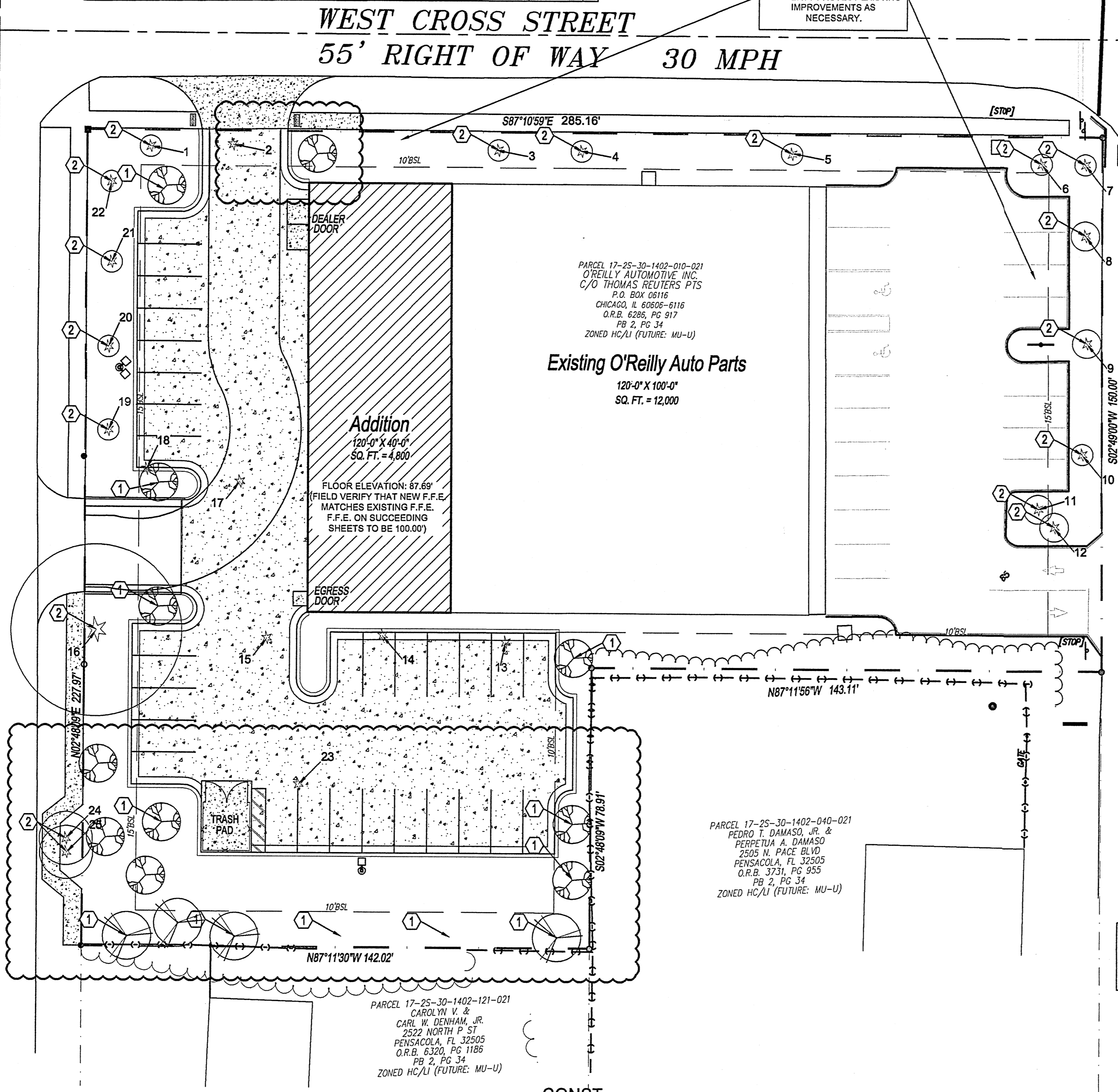
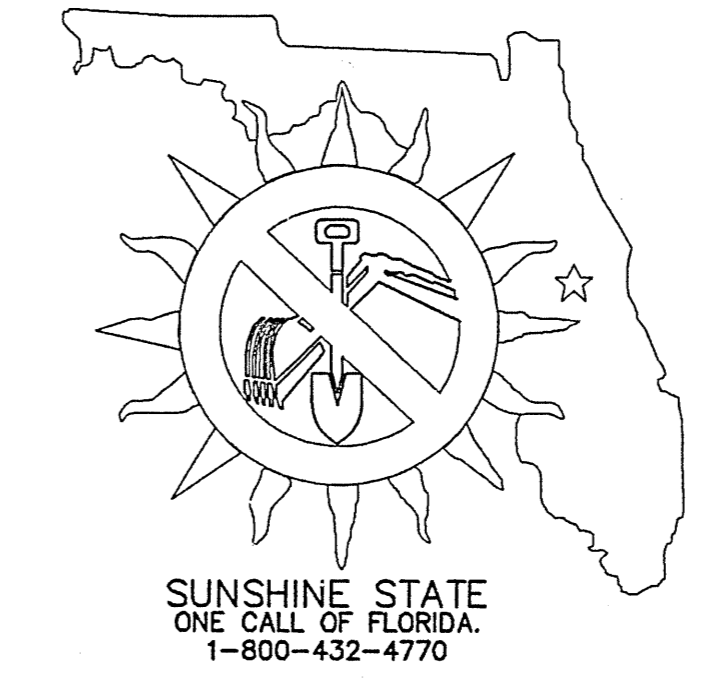
	NEW BUILDING CONSTRUCTION
	AREA OF CONCRETE
	NEW POLE SIGN LOCATION
	NEW CONCRETE PAVING BLOCK
	NEW LIGHT POLE LOCATION
	NEW FENCE CONSTRUCTION
	AREA OF NEW TREE REFER TO PLANTING SCHEDULE FOR SIZE AND TYPE
	AREA OF TREE PROTECTION

**LANDSCAPE CALCULATIONS:**

REMOVED PLANTINGS:  
 TOTAL HERITAGE PLANTINGS TO BE REMOVED:  
 TOTAL PLANTINGS TO BE REMOVED: 6 @ VARIES = 1:1 REQUIRED MITIGATION (6 TOTAL TREES)

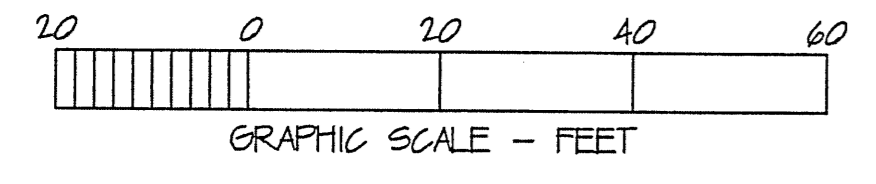
PRESERVED PLANTINGS:  
 TOTAL PRESERVED TREES: 18 @ VARIES = NO MITIGATION REQUIRED

NEW PLANTINGS:  
 RED MAPLE:  
 LIVE OAK:  
 TOTAL NEW TREES REQUIRED: 9 TOTAL TREES REQUIRED  
 TOTAL NEW TREES PROVIDED: 15 TOTAL TREES PROVIDED

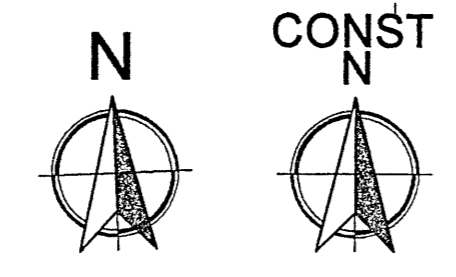


**1 TREE PRESERVATION PLAN**

L4 SCALE: 1" = 20'



REFER TO LANDSCAPE PLANS FOR PLANTINGS



NO WORK PROPOSED TO THIS PORTION OF EXISTING PROPERTY PROTECT EXISTING IMPROVEMENTS AS NECESSARY.

NEAREST FIRE HYDRANT IS APPROXIMATELY 500' AWAY FROM FARTHEST CORNER OF PROPOSED CONSTRUCTION OF NEW ADDITION.

RECEIVED  
AUG 18 2016  
1736 SPRINGFIELD, MO

**STRUCTURAL NOTES** (REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION)

- 1. FOOTINGS & FOUNDATION EXCAVATION:**
- A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE FOR THE CURRENT NEW ADDITION. APPROPRIATE RECOMMENDATIONS STATED IN THE GEOTECHNICAL REPORT BY TERRACON CONSULTANTS, INC DATED APRIL 5, 2016 SHALL BE FOLLOWED.
  - THESE FOUNDATIONS HAVE BEEN DESIGNED FOR A SOIL BEARING OF 1500 psf FOR CONTINUOUS AND FOR ISOLATED FOOTINGS.
  - FOUNDATIONS AND SLAB SHOULD BEAR ON ADEQUATE NATURAL SOILS OR ON PROPERLY PLACED AND COMPACTED ENGINEERED FILL REFER TO THE ON-SITE GEOTECHNICAL ENGINEER FOR SPECIFIC REQUIREMENTS REGARDING EXCAVATION AND PREPARATION OF SUBGRADE. A GEOTECHNICAL ENGINEER SHOULD BE PRESENT TO DIRECT THE REMOVAL OF UNSUITABLE SOILS AND TO DETERMINE THE ADEQUACY OF THE BEARING SURFACE PRIOR TO PLACEMENT OF REINFORCEMENT AND CONCRETE.
  - FOOTING WIDTHS TO BE AS SHOWN ON PLANS AND DETAILS. BOTTOM OF FOOTING IS TO BE EXCAVATED SQUARE AND TRUE.
  - NO FOOTING TRENCH SHALL BE OPENED WITHOUT HAVING REINFORCING AND CONCRETE READY TO BE PLACED WITHIN THAT WORKING DAY. ANY VARIATION FROM THIS PROCEDURE SHALL ONLY BE UPON THE APPROVAL OF THE PROJECT ARCHITECT.
  - ALL STRIP FOOTINGS SHALL BE CENTERED UNDER WALLS BEING SUPPORTED AND ALL ISOLATED FOOTINGS SHALL BE CENTERED UNDER COLUMNS, UNLESS NOTED OTHERWISE.
  - MINIMUM EXTERIOR FOOTING DEPTH SHALL BE AS INDICATED ON THE FOUNDATION FOOTING SHEET S1.
  - IN THE EVENT THAT ORGANIC SOIL OR UNCOMPACTED FILL IS FOUND BELOW FOOTINGS OR FLOOR SLABS, IT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ON-SITE GEOTECHNICAL ENGINEER.
  - STRUCTURAL FILL SHOULD BE PLACED IN UNDER THE DIRECTION OF THE ON-SITE GEOTECHNICAL ENGINEER.
- 2. CONCRETE:**
- ALL READY MIX CONCRETE SHALL BE 4000 psi FOR ALL CONCRETE PLACEMENT. DO NOT ADD WATER TO THE MIX DESIGN AFTER DELIVERY TO THE PROJECT SITE.
  - EXPOSED EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED (TOTAL AIR CONTENT = 5%). INTERIOR CONCRETE SHALL NOT BE AIR-ENTRAINED.
  - UNLESS NOTED OTHERWISE, CONCRETE COVER OVER STEEL REINFORCEMENT SHALL CONFORM TO THE MINIMUM REQUIREMENT BY ACI 318.
  - REINFORCEMENT DETAILING AND PLACEMENT SHALL CONFORM TO ACI 318 AND ACI 315, EXCEPT WHERE OTHERWISE INDICATED.
  - HOT OR COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305-89 AND ACI 306-1-90, RESPECTIVELY.
  - ANY CONCRETE PLACED BY MEANS OF PUMPING SHALL BE DONE IN ACCORDANCE WITH ACI 304.2R (02).
  - CEMENT SHALL CONFORM TO A.S.T.M. C-150 TYPE I.
  - AGGREGATES SHALL CONFORM TO A.S.T.M. C-33 FOR NORMAL WEIGHT CONCRETE & A.S.T.M. C-330 FOR LIGHTWEIGHT CONCRETE.
  - READY MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH A.S.T.M. C-94.
  - ADMITTIVES MAY BE USED WITH THE APPROVAL OF THE STRUCTURAL ENGINEER. ADMITTIVES USED TO INCREASE THE WORKABILITY OF THE CONCRETE SHALL NOT BE CONSIDERED TO REDUCE THE CEMENT CONTENT. NO CALCIUM CHLORIDE ADMITTIVES ALLOWED.
- 3. SLABS ON GRADE:**
- FLOOR SLABS ARE TO BE PLACED AND FINISHED IN ACCORDANCE WITH ACI 302 (SEE PROJECT MANUAL FOR ADDITIONAL INFORMATION).
  - THICKNESS TOLERANCE FOR ALL SLABS IS TO BE PER ACI 117 AND IS TO BE NO MORE THAN +3/4" (THICKER) AND NO MORE THAN -1/4" (THINNER) FROM THE DESIGN THICKNESS.
  - CONCRETE USED FOR FLOOR SLABS SHALL INCLUDE SUPERPLASTICIZER - SEE PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- 4. REINFORCING:**
- REINFORCING BARS SHALL BE BILLET STEEL, ASTM A 615, GRADE 60. PROVIDE CONTINUOUS BENT BARS AT FOOTING STEPS AND 90 DEGREE BENT TIES AT CORNERS. UNLESS OTHERWISE NOTED, LAP SPLICES OR EMBEDMENT LENGTHS SHALL CONFORM TO CLASS B SPLICE (SEE SPLICE TABLE). ADJACENT BAR SPLICES IN WALLS AND FOOTINGS TO BE ALTERNATED. ALL FOOTINGS SHALL REQUIRED HOOKED REINFORCING PROJECTED INTO WALLS, PLASTERS OR COLUMNS. THE SIZE AND SPACING OF DOWELS ARE TO MATCH VERTICAL REINFORCING.
  - WELDED WIRE FABRIC (WVF) SHALL CONFORM TO THE CURRENT ASTM SPECIFICATION FOR COLD DRAWN STEEL REINFORCEMENT WIRE. LAP END AND EDGES MINIMUM 6".
  - REINFORCING DETAILING, BENDING, AND PLACING SHALL CONFORM TO ACI 315.
  - MINIMUM CONCRETE COVER: THE MINIMUM CLEAR DISTANCES BETWEEN REINFORCING STEEL AND FACE OF CONCRETE SHALL BE MAINTAINED UNLESS NOTED OTHERWISE:  
 CONCRETE BELOW GRADE, FORMED.....2"  
 CONCRETE BELOW GRADE, UNFORMED AND  
 POURED AGAINST EARTH.....3"
- 5. LUMBER:**
- IN LOCATIONS WHERE TREATED LUMBER IS SHOWN ON DRAWINGS, THE APPROVED PRESSURE TREATED WOODS ARE ACC-D(CARBONATE) OR CA-B TREATED WOODS WITHOUT AMMONIA CARRIERS. THE CHEMICAL RETENTION LEVELS ARE TO BE NO GREATER THAN 0.4 PCF FOR ACC-2, 0.21 PCF FOR CA-B. ALL METAL CONNECTORS ARE TO HAVE A GALVANIZED COATING OF NO LESS THAN 1.95 OUNCES OF ZINC PER SQUARE FOOT PER ASTM A563. ALL BOLTS, SCREWS NAILS AND OTHER FASTENERS ARE TO BE GALVANIZED PER ASTM A153. WHERE TREATED LUMBER IS SHOWN IN EXTERIOR INSTALLATIONS WITH NO ROOF COVERINGS TO PREVENT DIRECT EXPOSURE TO RAIN, USE HOT DIP GALVANIZED CONNECTORS PER ASTM A123.
- 6. STRUCTURAL STEEL:**
- FABRICATOR QUALIFICATIONS:  
1. FABRICATOR MUST PARTICIPATE IN THE AISC QUALITY CONTROL PROGRAM AND BE DESIGNATED AN AISC-CERTIFIED PLANT.
  - MATERIALS:  
1. STRUCTURAL STEEL ----- ASTM A992, GRADE 50 UNLESS NOTED  
2. PLATES, ANGLES, CHANNELS, AND MISCELLANEOUS STEEL ----- ASTM A36  
3. ANCHOR RODS ----- ASTM F1554, GRADE 36  
4. HIGH STRENGTH BOLTS ----- ASTM A325 (4") UNLESS NOTED (OF NORTH AMERICAN MANUFACTURE)  
5. WELDING ELECTRODES ----- AWS A5.1 (E70XX)  
6. PIPE ----- ASTM A53, GRADE B  
7. SQUARE AND RECTANGULAR HOLLOW STRUCTURAL SECTIONS (HSS) --- ASTM A500, GRADE B
- 7. GENERAL:**
- CONTRACTOR HAS SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA REGULATIONS.
  - THE STRUCTURAL DESIGN OF THE BUILDING IS BASED UPON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS, WITH NO PROVISION MADE FOR CONDITIONS OCCURRING DURING CONSTRUCTION. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING DURING CONSTRUCTION. TEMPORARY SUPPORTS REQUIRED FOR STABILITY DURING ALL INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED, FURNISHED AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTIBILITY ANALYSIS AND ERECTION PROCEDURES, INCLUDING DESIGN AND ERECTION OF FALSEWORK, TEMPORARY BRACING, ETC. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.
  - CORRECTIONS DUE TO UNFORESEEN FIELD CONDITIONS OR DIMENSIONAL DISCREPANCIES ON CONSTRUCTION DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE PROJECT ARCHITECT FOR REVIEW AND AUTHORIZATION PRIOR TO CORRECTIVE MEASURES BEING IMPLEMENTED.
  - STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
  - NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
  - SUBMIT COMPLETE SEALED CALCULATIONS AND DETAILS FOR ALL WINDOW SYSTEMS AND STORE FRONT SYSTEMS FOR APPROVAL.
  - ALL SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE PROJECT ARCHITECT/ENGINEER PRIOR TO SUBMITTING TO THE BUILDING DEPARTMENT FOR REVIEW AND APPROVAL.
- 8. SIMPSON "AT-XP" ADHESIVE SYSTEM INTO CONCRETE (MIPRO UES EP-263):**
- SUBSTITUTIONS FOR SIMPSON "AT-XP" ANCHORING ADHESIVE SHALL BE ONLY UPON THE APPROVAL OF THE PROJECT ENGINEER OF RECORD.
  - DRILL PROPER SIZE HOLE IN FULLY GROUTED MASONRY CELLS OR CONCRETE 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 WIRE BRUSH), BLOW OUT DUST OR FRAGMENTS.
  - PRIOR TO INJECTION, DISCHARGE AND DISPOSE OF APPROXIMATELY ONE FLUID OUNCE OF ADHESIVE. ADHESIVE MUST BE UNIFORM IN COLOR. INSERT NOZZLE INTO THE BOTTOM OF THE HOLE AND FILL ONE HALF THE HOLE DEPTH.
  - MARK SIDE OF REINFORCEMENT DOWEL OR ANCHOR PRIOR TO PLACEMENT TO INSURE THE ROD IS PLACED TO THE REQUIRED DEPTH.
  - INSERT SELECTED ROD SLOWLY BY HAND INTO THE BOTTOM OF THE HOLE USING A SLOW TWISTING MOTION.
  - LOAD ONLY AFTER RECOMMENDED CURE TIME (SEE MANUFACTURER'S RECOMMENDATIONS).
- 9. SPECIAL INSPECTIONS REQUIREMENTS:**
- OWNER SHALL ENGAGE ONE OR MORE QUALIFIED SPECIAL INSPECTORS AND/OR TESTING AGENCIES TO CONDUCT STRUCTURAL TESTS, CONSTRUCTION MATERIAL TESTING, AND SPECIAL INSPECTIONS SPECIFIED IN THE "STATEMENT OF SPECIAL INSPECTIONS".
  - FOR THE SPECIFIC RESPONSIBILITY OF THE OWNER, CONTRACTOR, AND SPECIAL INSPECTOR REFER TO SECTION 01 45 16 OF THE PROJECT MANUAL.

**DESIGN CRITERIA IS BASED ON 2014 FLORIDA BUILDING CODE**

ROOF DEAD LOAD: 5.5 psf    ROOF LIVE LOADS: 20.0 psf  
 ROOF COLLATERAL: 2.5 psf    SPRINKLER LOAD: 0.0 psf

SNOW LOAD: P<sub>s</sub> = 0 psf  
 C<sub>e</sub> = 1.0    C<sub>t</sub> = 1.0    IMPORTANCE FACTOR = 1.0  
 P<sub>f</sub> = 0 psf

**WIND CALCULATION METHOD: ENVELOPE**  
 WIND SPEED: V<sub>at</sub> = 150 mph (V<sub>at</sub> = 116 mph)  
 EXPOSURE = "B"    RISK CATEGORY = "II"  
 BUILDING, ENCLOSED;    G<sub>Cp</sub> = ±0.18

**MAIN WIND FORCE RESISTING SYSTEM**  
 WALL and ROOFS q = 16.9 psf  
 PARAPETS q<sub>p</sub> = 20.6 psf

**WIND COMPONENTS & CLADDING**  
 Wind pressures shown below were used by J.S. Smith Consulting Engineers, P.C. for design of the exterior walls. Components designed by others for use in this project will require wind pressures be derived by that supplier.

WALL AREAS 10 SQUARE FEET OR LESS = 24.4 psf  
 WALL INTERIOR ZONES = 15.2 psf & -17.1 psf  
 WALL END ZONES = 15.2 psf & -18.5 psf  
 PARAPETS AT INTERIOR ZONES = 15.5 psf & -24.8 psf  
 PARAPETS AT END ZONES = 15.5 psf & -27.5 psf  
 ROOF INTERIOR ZONES = 6.4 psf & -18.3 psf  
 ROOF EDGE ZONES = 6.4 psf & -21.7 psf  
 ROOF CORNER ZONES = 6.4 psf & -21.7 psf

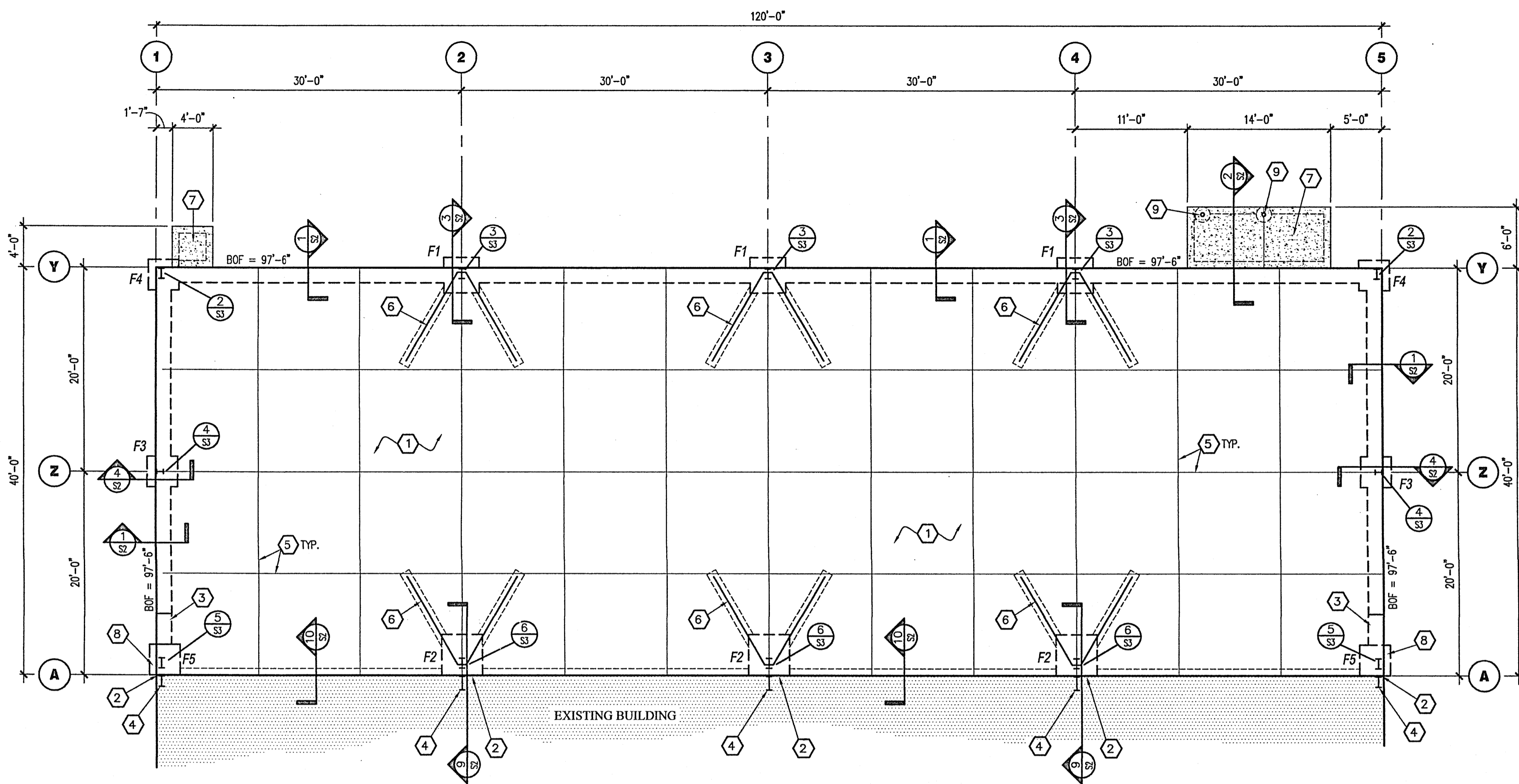
ALL WIND PRESSURES AND FORCES IN "ASD" UNLESS NOTED OTHERWISE

SEISMIC=3.1 K  
 WIND=14.1 K

**EQUIVALENT FORCE PROCEDURE**

SEISMIC LOAD: S<sub>s</sub> = 0.091  
 S<sub>1</sub> = 0.054  
 MFRS    S<sub>ds</sub> = 0.097  
 ALL OTHERS    S<sub>dh</sub> = 0.097  
                   S<sub>dh</sub> = 0.086  
 SITE CLASS = D  
 SEISMIC DESIGN CATEGORY = B  
 I<sub>e</sub> = 1.0

STEEL NOT SPECIFICALLY DETAILED FOR SEISMIC  
 R = 3.00    C<sub>s</sub> = 0.032  
 Q<sub>s</sub> = 3.00    C<sub>d</sub> = 3.00

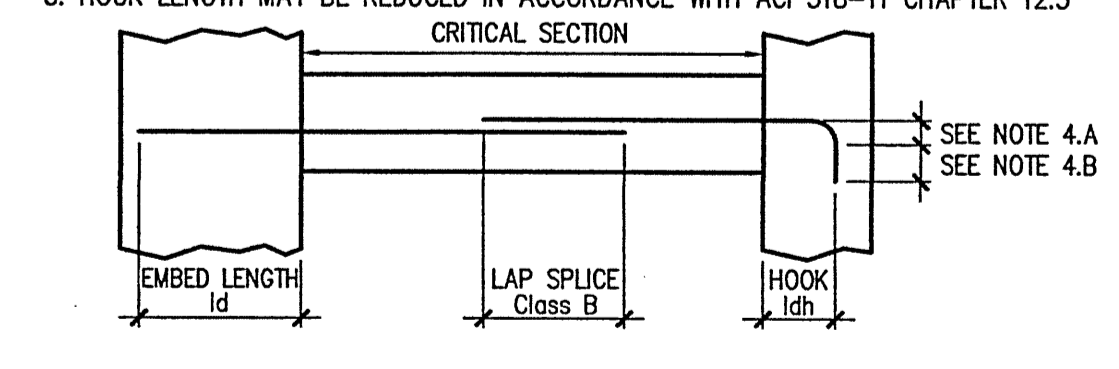


**FOUNDATION PLAN**

**SPLICE TABLE<sup>1</sup>**  
(UNLESS NOTED OTHERWISE)

BAR SIZE	LAP SPLICES (in.) <sup>2</sup>		EMBED LENGTH (in.)		HOOKS <sup>5</sup>
	TOP BARS <sup>3</sup> Class B	OTHERS Class B	TOP BARS <sup>3</sup> ld	OTHERS ld	
#3	25	19	19	15	8
#4	33	25	25	19	10
#5	41	31	31	24	12
#6	49	37	37	29	15
#7	71	54	54	42	17

- SPLICE TABLE IS BASED ON THE FOLLOWING:  
 A. CONCRETE f<sub>c</sub> = 4000 psi  
 B. GRADE 60 REBAR  
 C. BAR SPACING NOT LESS THAN 2 BAR DIAMETERS OR 1"  
 D. CONCRETE COVER NOT LESS THAN ONE BAR DIAMETER
- LAP LENGTHS SHOWN ARE FOR CLASS "B" TENSION SPLICES PER ACI 318-11 CHAPTER 12.
- "TOP" BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 12" OF CONCRETE IS CAST BELOW THE REINFORCEMENT IN THAT MEMBER.
- STANDARD 90° HOOKS:  
 A. RADIUS = 4 BAR DIAMETERS FOR #3 THRU #8  
 RADIUS = 5 BAR DIAMETERS FOR #9 THRU #11  
 B. LENGTH = 12 BAR DIAMETERS
- HOOK LENGTH MAY BE REDUCED IN ACCORDANCE WITH ACI 318-11 CHAPTER 12.5



SLAB CONTROL JOINT, TOOLED OR SAWN. CONTROL JOINT TO BE 1/2" x 1/4" SLAB THICKNESS. SEE FOUNDATION PLAN FOR JOINT LOCATIONS.

INTERIOR OR EXTERIOR CONCRETE SLAB SEE FOUNDATION PLAN.

**1 TYP. CONTROL JOINT DETAIL**  
 S1 SCALE: 3/4" = 1'-0"

3/4" x 10" SMOOTH DOWEL @ 12" O.C. GREASE ONE END TO PREVENT BOND

CONSTRUCTION JOINT (IF NEEDED). LOCATION TO COINCIDE WITH CONTROL JOINTS. (SEE FOUNDATION PLAN).

INTERIOR CONCRETE SLAB SEE FOUNDATION PLAN.

**2 TYP. CONSTR. JOINT DETAIL**  
 S1 SCALE: 3/4" = 1'-0"

**FOUNDATION SCHEDULE**

MARK	FOOTING SIZE (W x L x T)	FOOTING REINFORCEMENT		BOTTOM OF FOOTING ELEVATION	NOTES	MARK
		LONG.	TRANS.			
F1	4'-0" x 4'-0" x 1'-0"	(6) #5's	(6) #5's	97'-6"	1,2,3,4,5	F1
F2	4'-0" x 4'-0"	(6) #5's	(6) #5's	MATCH EXISTING	1,2,4	F2
F3	3'-6" x 3'-6" x 1'-0"	(5) #5's	(5) #5's	97'-6"	1,2,3,4,5	F3
F4	4'-0" x 4'-0" x 1'-0"	(6) #5's	(6) #5's	97'-6"	1,2,3,4,5	F4
F5	4'-0" x 4'-0"	(6) #5's	(6) #5's	MATCH EXISTING	1,2,4	F5

NOTES:  
 1. ALL ANCHOR BOLTS SHALL BE SIZE, QUANTITY AND SPACING AS SPECIFIED BY THE PRE-ENGINEERED METAL BUILDING MANUFACTURER. MAINTAIN 3" MINIMUM CONCRETE COVER AROUND BOLTS. TIES SHALL WRAP AROUND ANCHOR BOLTS.  
 2. COLUMN BASE PLATES ARE TO REST ON TOP OF CONCRETE. PROVIDE LEVEL BEARING SURFACE FOR EVEN CONTACT.  
 3. COLUMN FOOTING REINFORCEMENT TO BE INTEGRAL WITH CONTINUOUS FOUNDATION REINFORCEMENT.  
 4. PROVIDE ANCHOR BOLT TEMPLATES AT COLUMN.  
 5. ALL SPREAD FOOTINGS ARE TO BE CENTERED BENEATH COLUMNS UNLESS NOTED OTHERWISE.

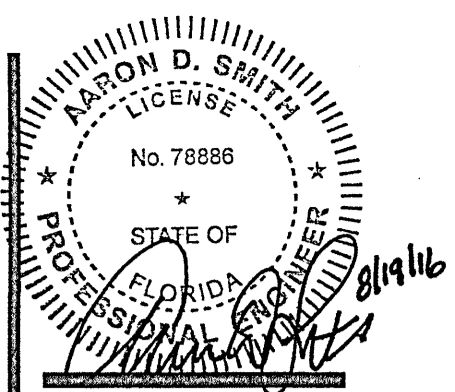
**KEYNOTES:**

- 4" THICK CONCRETE SLAB REINFORCED W/ #5's @ 18" O.C. EACH WAY (PLACED AT 1/2" BELOW TOP OF SLAB) OVER 4" COMPACTED GRANULAR FILL OVER POLYETHYLENE VAPOR BARRIER OVER PROPERLY PREPARED SUBGRADE AS DIRECTED BY THE ON-SITE GEOTECHNICAL ENGINEER. FINISH FLOOR EL. = 100'-0" (TO MATCH EXISTING). COORDINATE INSTALLATION OF UNDER SLAB MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS WITH MECHANICAL DRAWINGS.
- DRILL 6" DEEP HOLES INTO EXISTING FOUNDATIONS FOR #4x1'-6" DOWELS MATCHING QUANTITY AND SPACING OF NEW FOOTING REINFORCEMENT. ADHERE IN PLACE, SEE ADHESIVE ANCHOR INSTALLATION NOTES ON SHEET S1.
- STEP FOOTING AS REQUIRED TO MATCH BOTTOM OF EXISTING FOUNDATIONS. SEE DETAIL 11/S2
- EXISTING PEMB COLUMN
- CONTROL/CONSTRUCTION JOINT SEE DETAILS 1 & 2/S1
- SLAB HAIRPIN. SEE DETAIL 6/S2
- DOOR PAD: PROVIDE 4" THICK CONCRETE REINFORCED W/ #5's @ 18" O.C. EACH WAY (PLACED AT 1/2" BELOW TOP OF SLAB) OVER 4" COMPACTED GRANULAR MATERIAL (AS DIRECTED BY THE ON-SITE GEOTECHNICAL ENGINEER) ON PROPERLY PREPARED SUBGRADE. SEE CIVIL DRAWINGS FOR TOP OF CONCRETE SPOT ELEVATIONS.
- BOTTOM OF FOOTING TO MATCH EXISTING
- STEEL BOLLARD: SEE SITE DEVELOPMENT PLANS AND DETAILS. (ALIGN WITH JAMBS OF OVERHEAD DOOR.)

TERMITE PROTECTION OF SOILS:  
 TERMITE PROTECTION SHALL BE PROVIDED AS DEFINED IN SECTION 1816 OF THE 2014 FLORIDA BUILDING CODE.  
 TERMITE TREATMENT SHALL BE PERFORMED AFTER ALL EXCAVATIONS, BACKFILLING AND COMPACTION IS COMPLETED, INCLUDING AREAS OF EXTERIOR CONCRETE OR GRADE WITHIN 1 FOOT OF THE PRIMARY STRUCTURE. RETREATMENT OF SOILS MAY BE REQUIRED IF ANY TREATED SOILS ARE DISTURBED DURING THE CONSTRUCTION PROCESS. ALL TREATED SOILS ARE TO BE PROTECTED FROM RAINFALL DILUTION. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.

THE ROOF STRUCTURE FOR THIS BUILDING IS COMPRISED OF STEEL FRAMES AND PURLINS AS INDICATED IN THE PRE-ENGINEERED METAL BUILDING DRAWINGS AS PER FLORIDA STATUTE, LIGHT-FRAME TRUSS CONSTRUCTION SIGNS ARE NOT REQUIRED.

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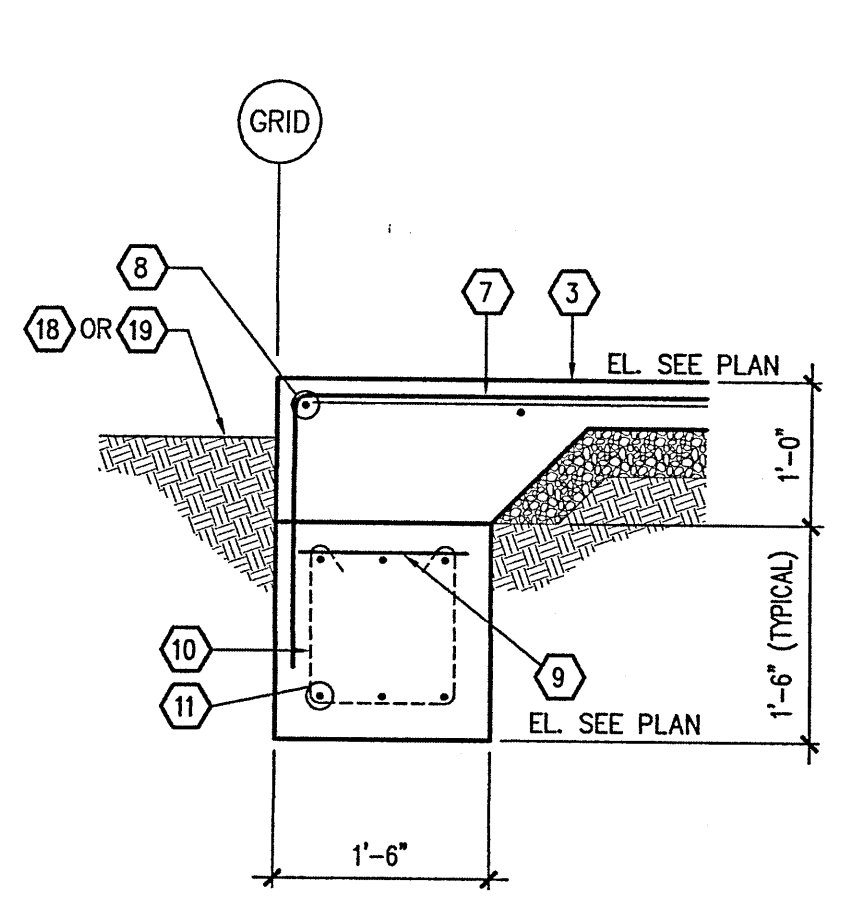
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**2601 NORTH PACE BLVD.**  
 PENSACOLA, FL  
 (PENSACOLA #1)

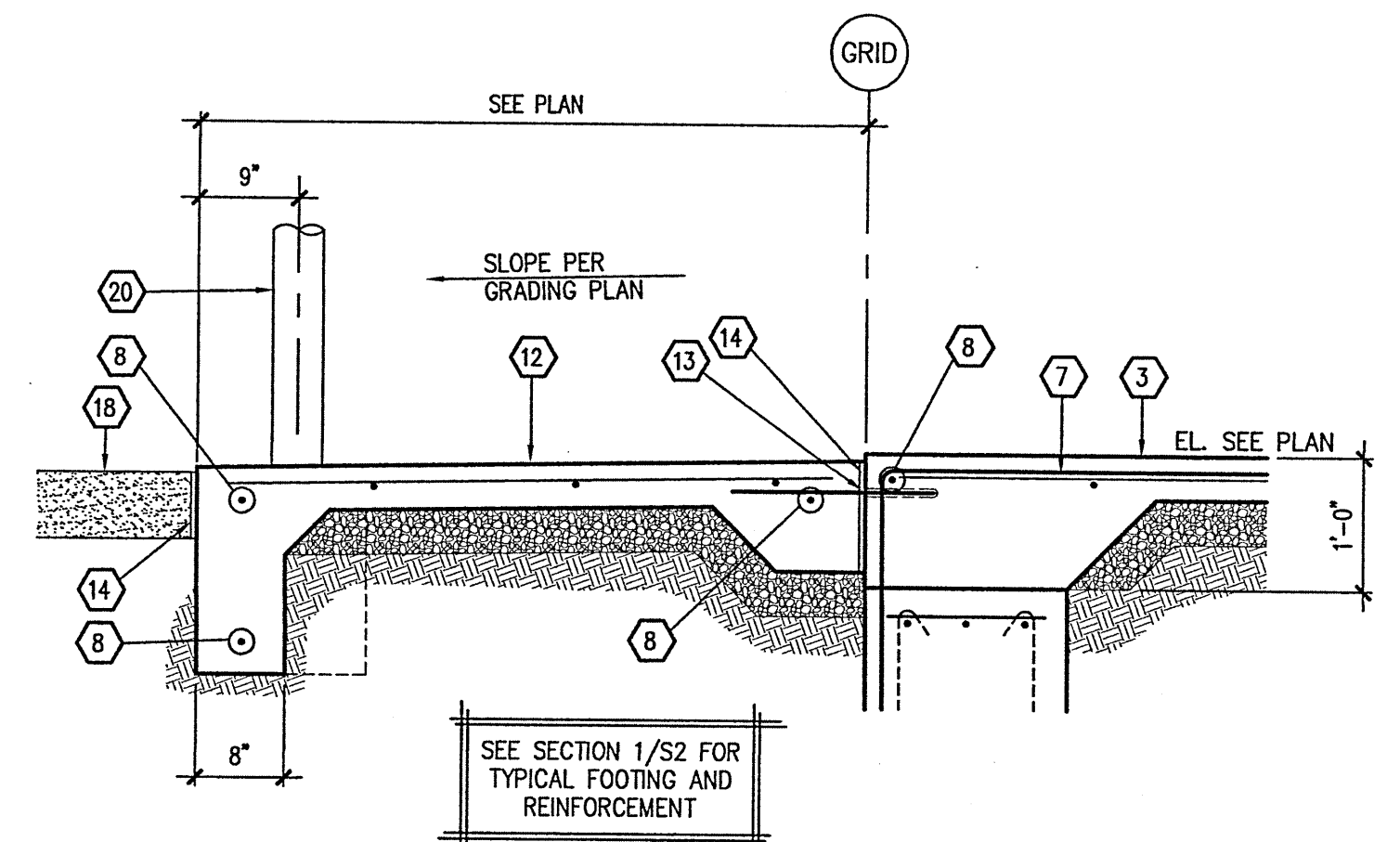
**O'Reilly AUTO PARTS**  
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COMM # 3897

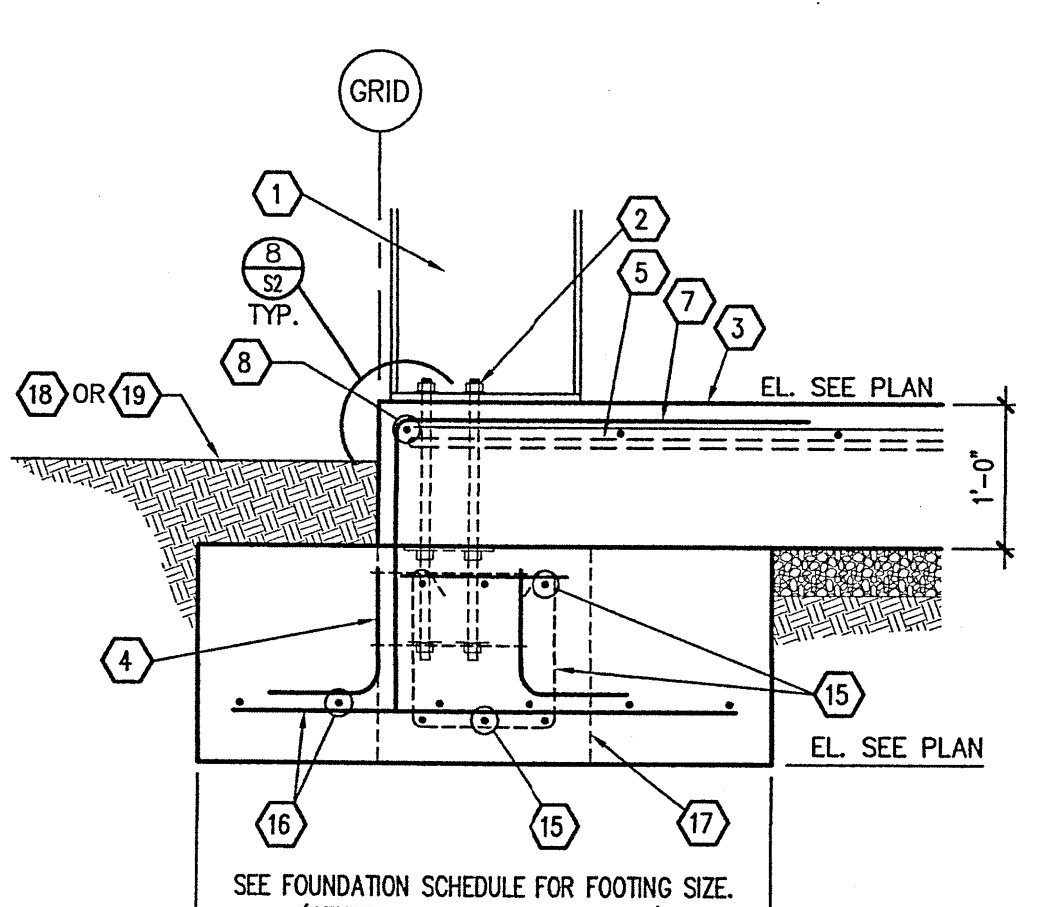
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 DATE:



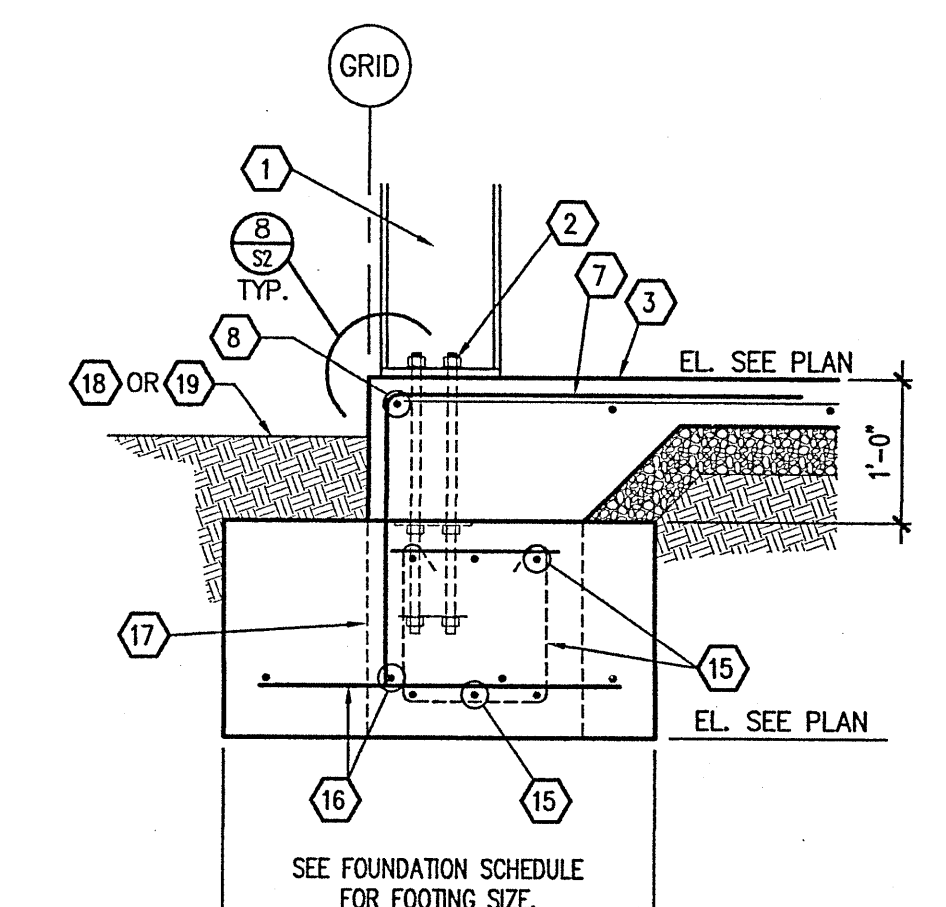
**1 SECTION**  
S2 SCALE: 3/4" = 1'-0"



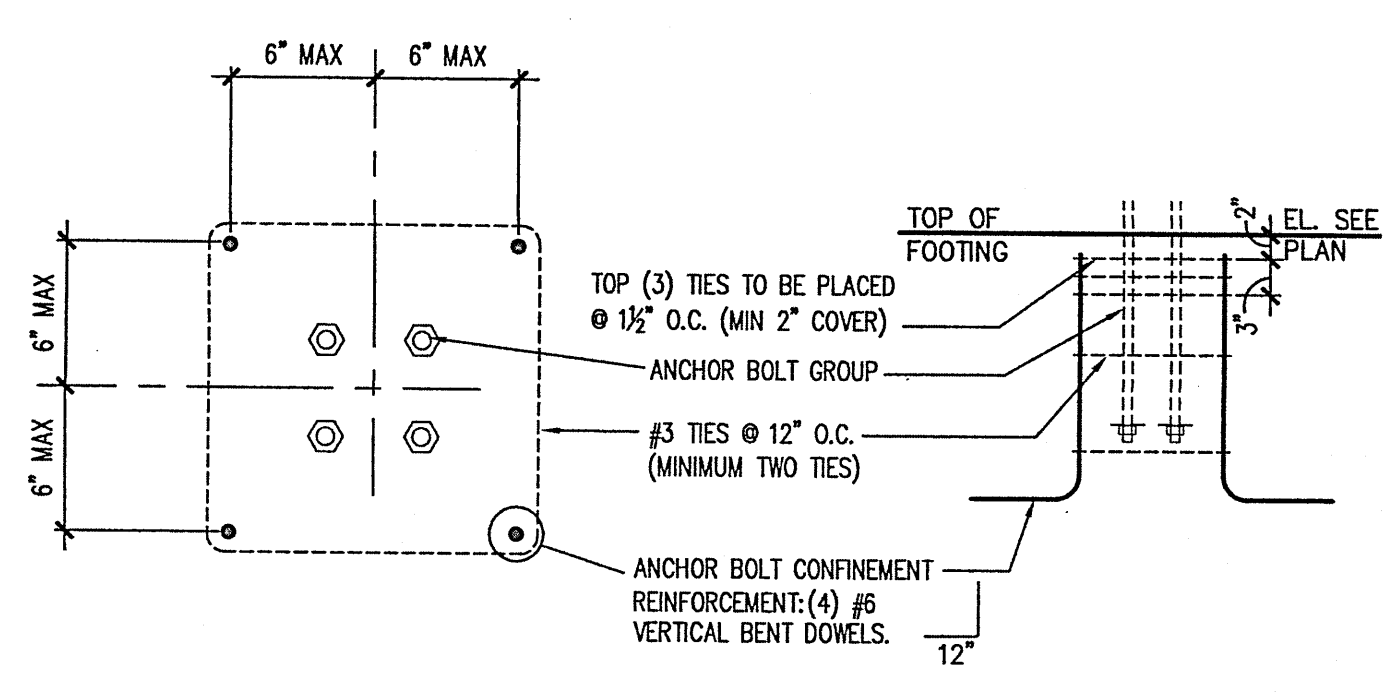
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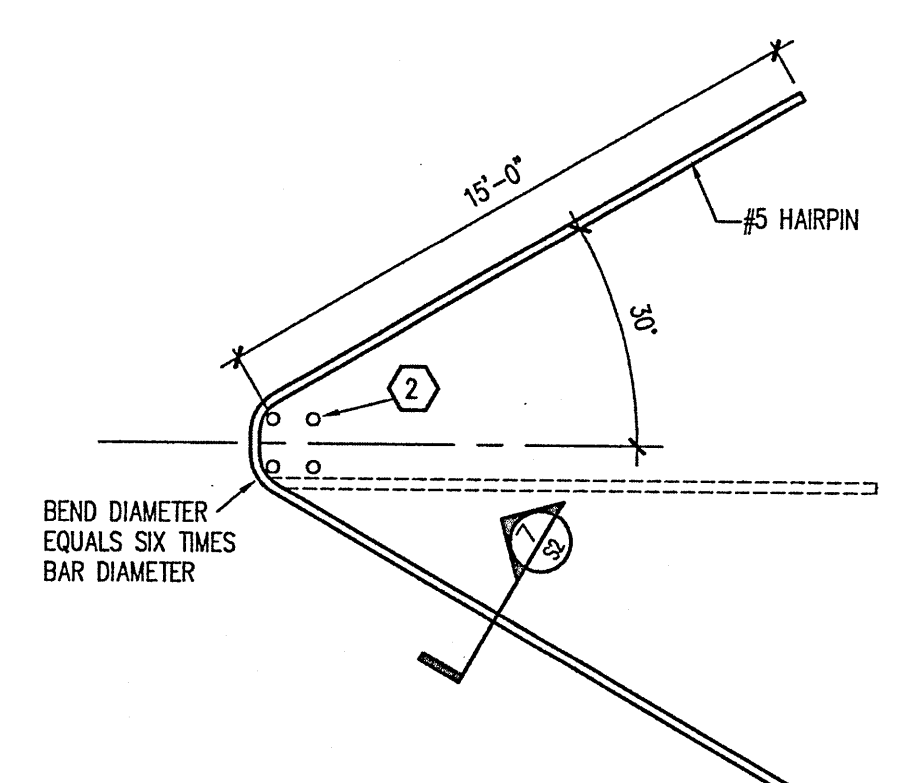
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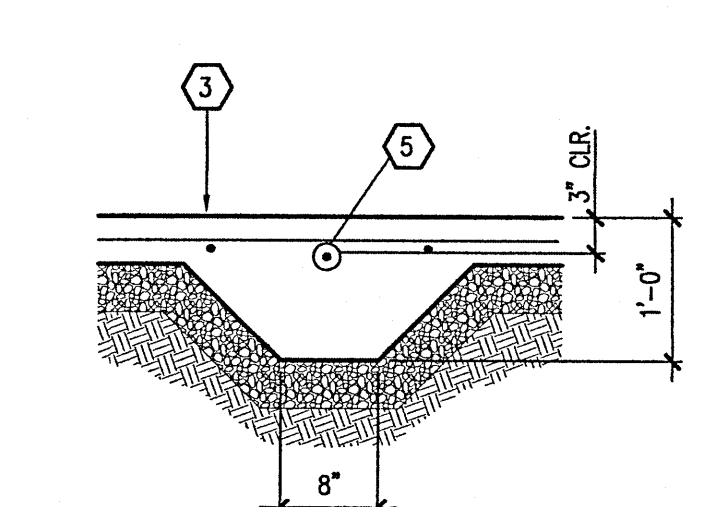
**4 SECTION**  
S2 SCALE: 3/4" = 1'-0"



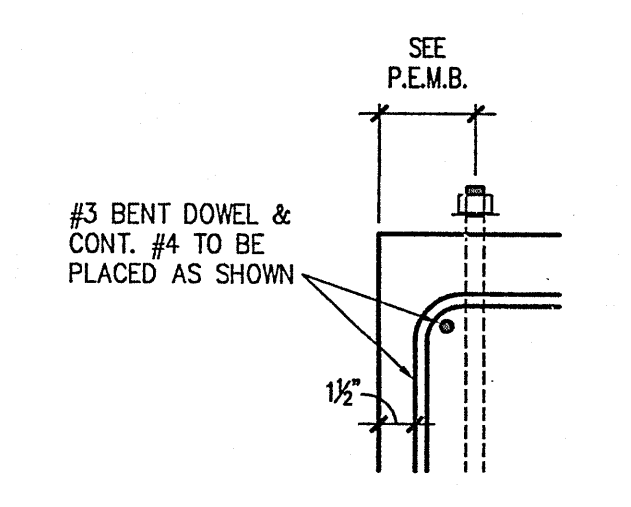
**5 SECTION**  
S2 SCALE: 3/4" = 1'-0"



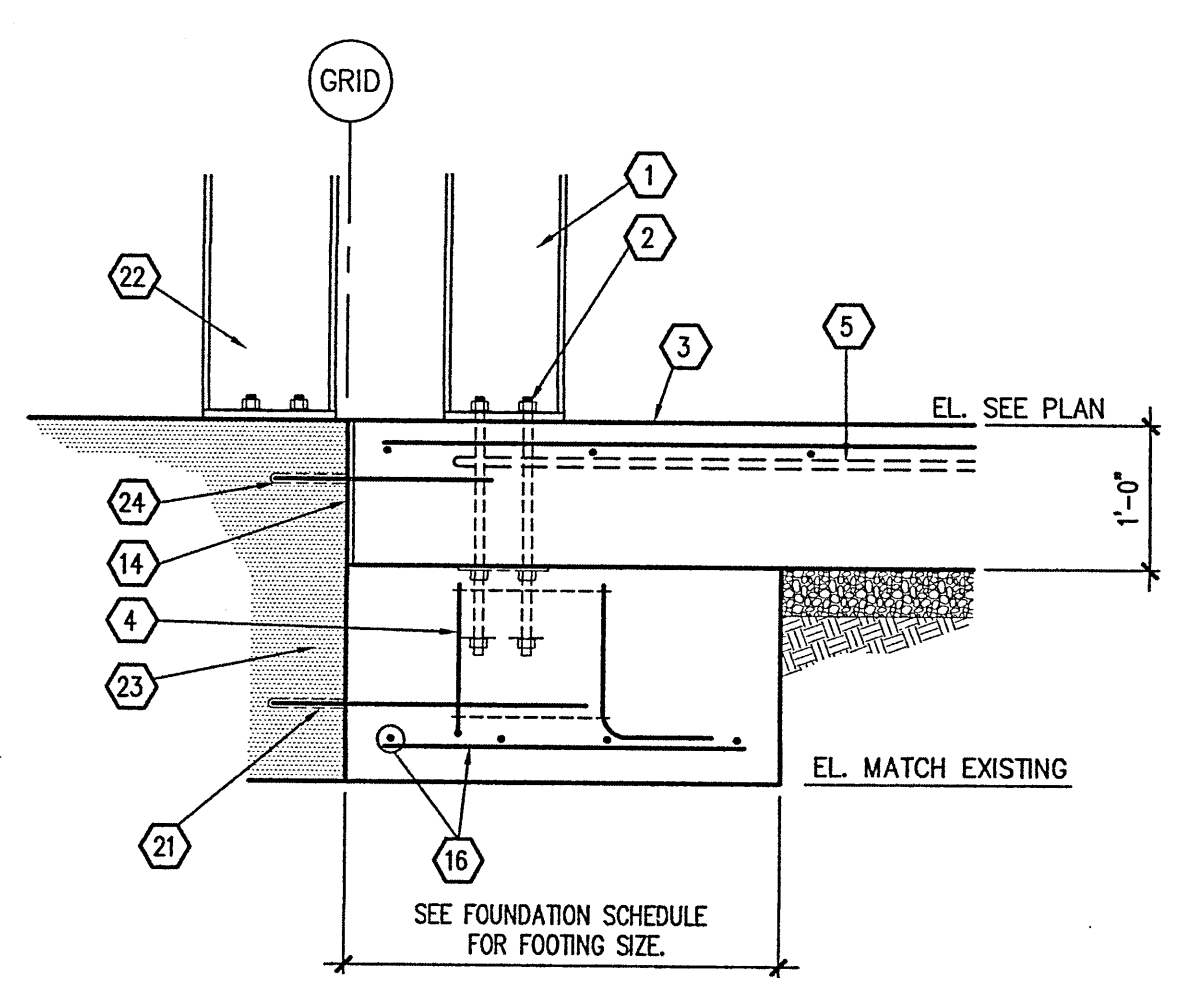
**TYPICAL HAIRPIN DETAIL**  
S2 SCALE: NONE



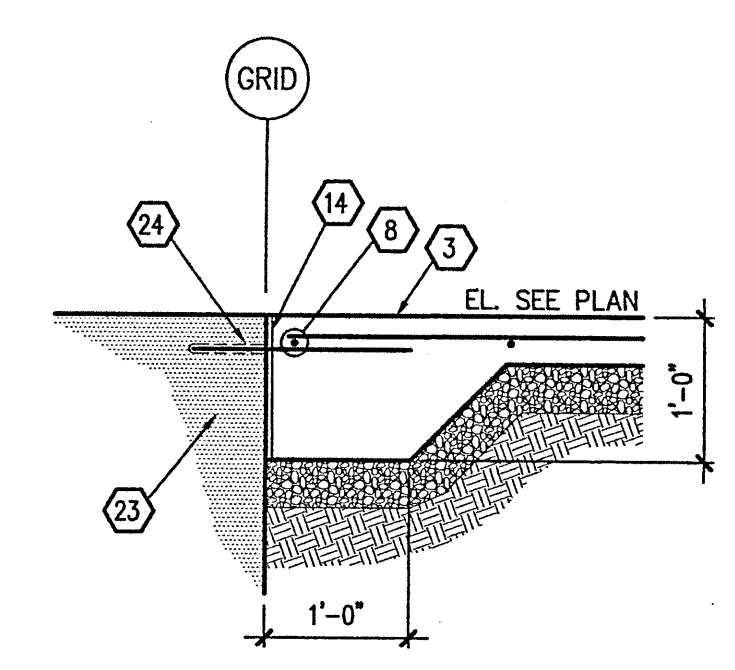
**7 SECTION**  
S2 SCALE: 3/4" = 1'-0"



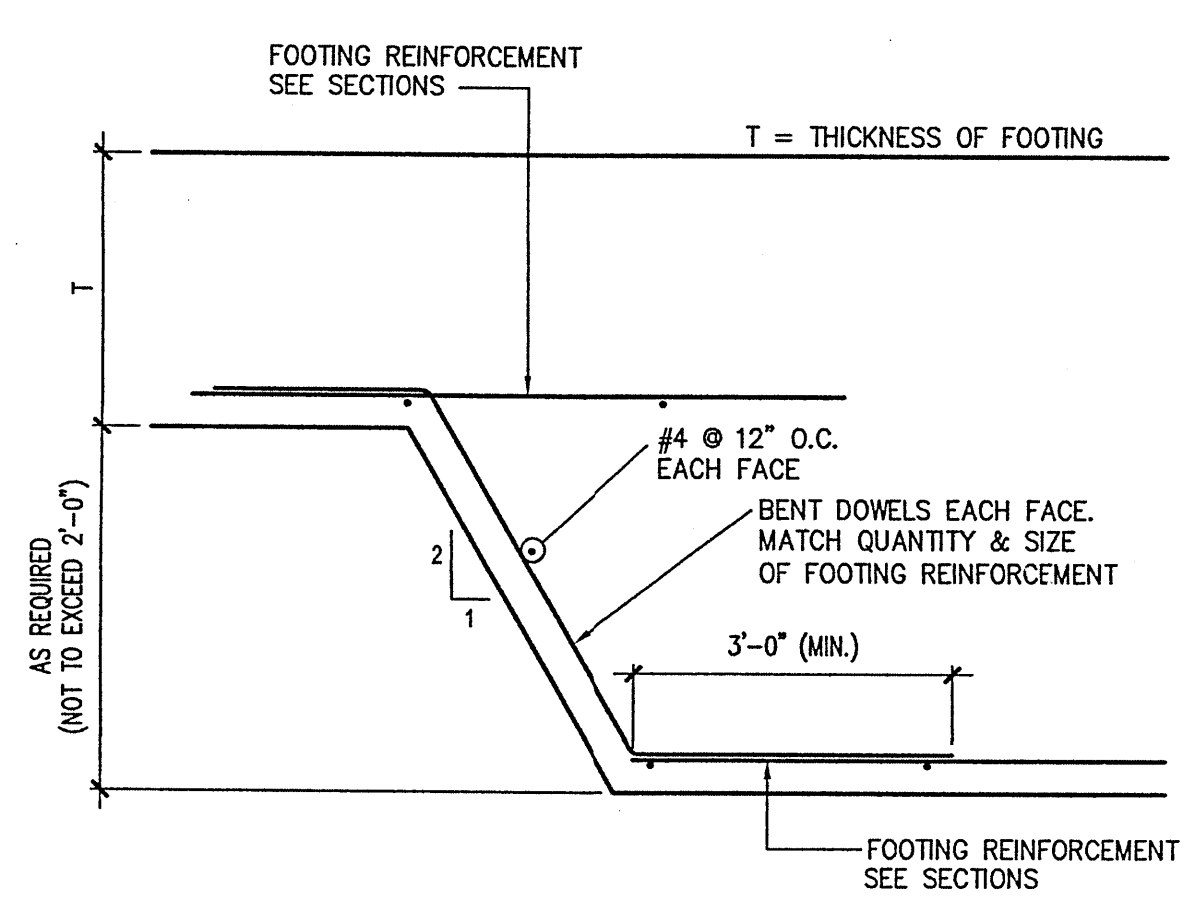
**8 DETAIL**  
S2 SCALE: 3/4" = 1'-0"



**9 SECTION**  
S2 SCALE: VARIES

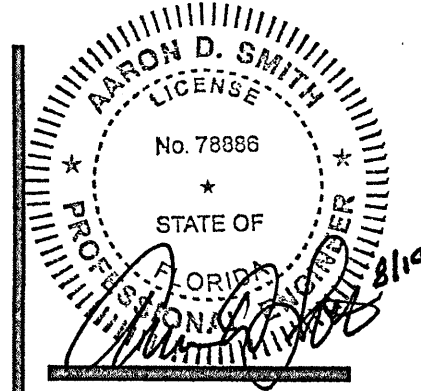


**10 SECTION**  
S2 SCALE: 3/4" = 1'-0"



**11 TYPICAL STEPPED FOOTING**  
S2 SCALE: NONE (IF REQUIRED BY FIELD CONDITIONS)

- KEYNOTES:**
- 1 PRE-ENGINEERED METAL BUILDING STRUCTURAL SYSTEM. SEE P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
  - 2 ANCHOR BOLTS. SEE FOUNDATION SCHEDULE AND PRE-ENGINEERED METAL BUILDING DRAWINGS FOR SIZE, QUANTITY AND PLAN LOCATION. SEE 1/S3 FOR TYPICAL SHOP FABRICATED ANCHOR ASSEMBLY.
  - 3 INTERIOR CONCRETE SLAB SEE FOUNDATION PLAN.
  - 4 SEE DETAIL 5/S2 FOR VERTICAL ANCHOR BOLT CONFINEMENT REINFORCEMENT
  - 5 SLAB HAIRPIN - SEE DETAIL 6/S2
  - 6 #4 CORNER REINFORCEMENT CENTERED IN SLAB. 36"
  - 7 #3x5'-0" DOWEL @ 36" O.C. FIELD BEND AS SHOWN 24"
  - 8 #4 CONTINUOUS (PROVIDE BENT BARS AT SLAB CORNERS)
  - 9 #3 DOWELS @ 48" O.C.
  - 10 #3 STIRRUPS @ 48" O.C.
  - 11 (3) #4's CONTINUOUS TOP & BOTTOM.
  - 12 EXTERIOR CONCRETE SLAB OR SIDEWALK SEE FOUNDATION PLAN.
  - 13 AT EXTERIOR DOOR LOCATIONS DRILL 6" DEEP HOLES FOR #4x1'-6" DOWELS @ 24" O.C. AND ADHERE IN PLACE. SEE ADHESIVE ANCHOR SYSTEM NOTES SHEET S1 FOR INSTALLATION
  - 14 1/2" ISOLATION JOINT WITH ASPHALTIC FILLER & SEALANT
  - 15 CONTINUOUS FOOTING REINFORCEMENT TO RUN THROUGH COLUMN FOUNDATIONS. SEE SECTION 1/S2 FOR REINFORCEMENT INFORMATION.
  - 16 COLUMN FOOTING REINFORCEMENT SEE FOUNDATION SCHEDULE.
  - 17 CONTINUOUS FOOTING BEYOND
  - 18 PAVING, SEE SITE DEVELOPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
  - 19 SEE GRADING PLAN FOR FINISHED GRADES.
  - 20 STEEL BOLLARD SEE SITE PLAN.
  - 21 DRILL 6" DEEP HOLES INTO EXISTING FOUNDATIONS FOR #4x1'-6" DOWELS @ 24" O.C. AND ADHERE IN PLACE. SEE ADHESIVE ANCHOR SYSTEM NOTES SHEET S1 FOR ADHESIVE ANCHOR INSTALLATION.
  - 22 EXISTING PEMB COLUMN
  - 23 EXISTING CONCRETE SLAB AND FOUNDATIONS
  - 24 DRILL 6" DEEP HOLES INTO EXISTING CONCRETE FOR #4x1'-6" DOWELS @ 24" O.C. AND ADHERE IN PLACE. SEE SHEET S1 FOR ADHESIVE ANCHOR INSTALLATION



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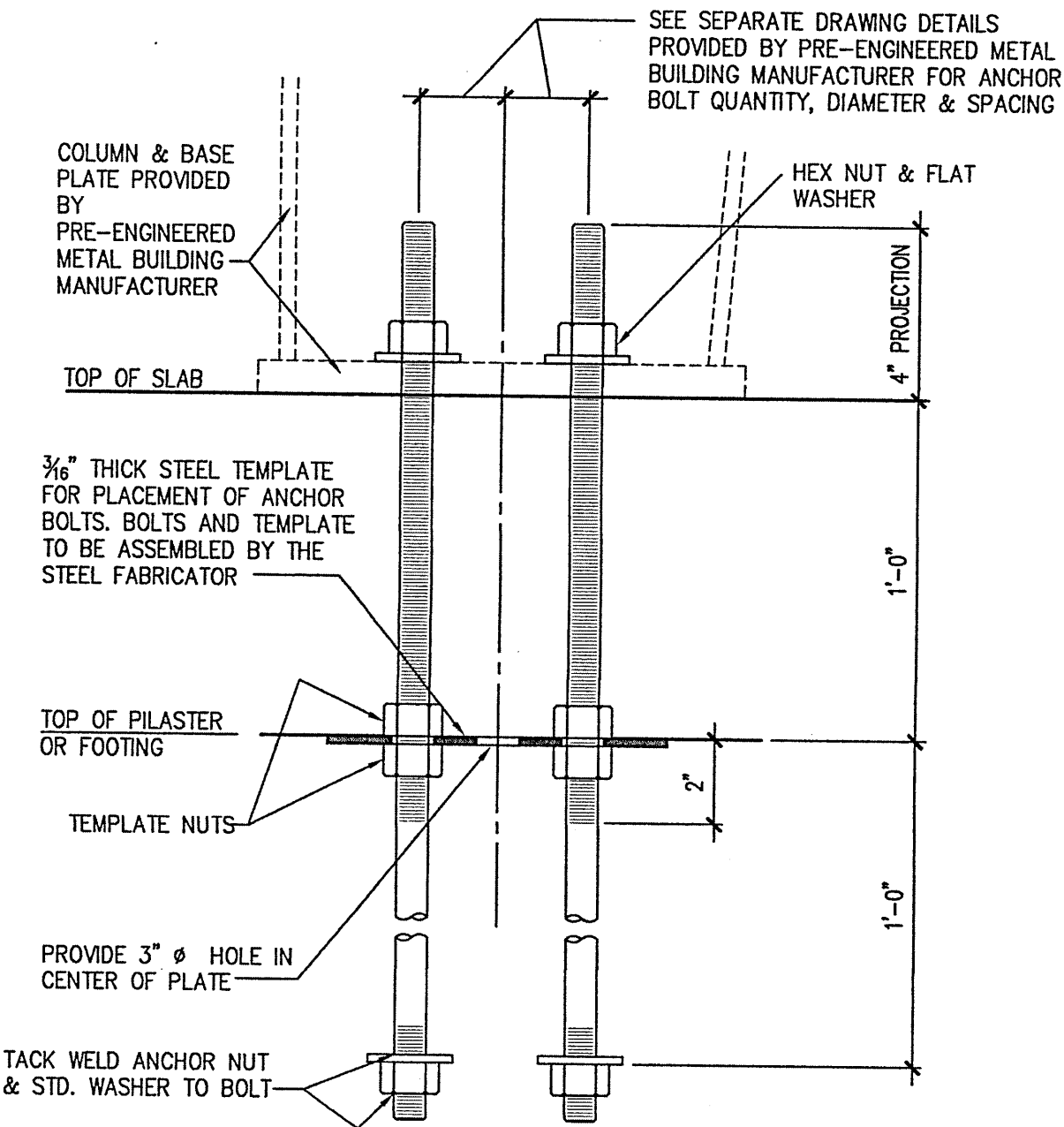
**O'Reilly AUTO PARTS**

**O'Reilly**  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

COMM # 3897

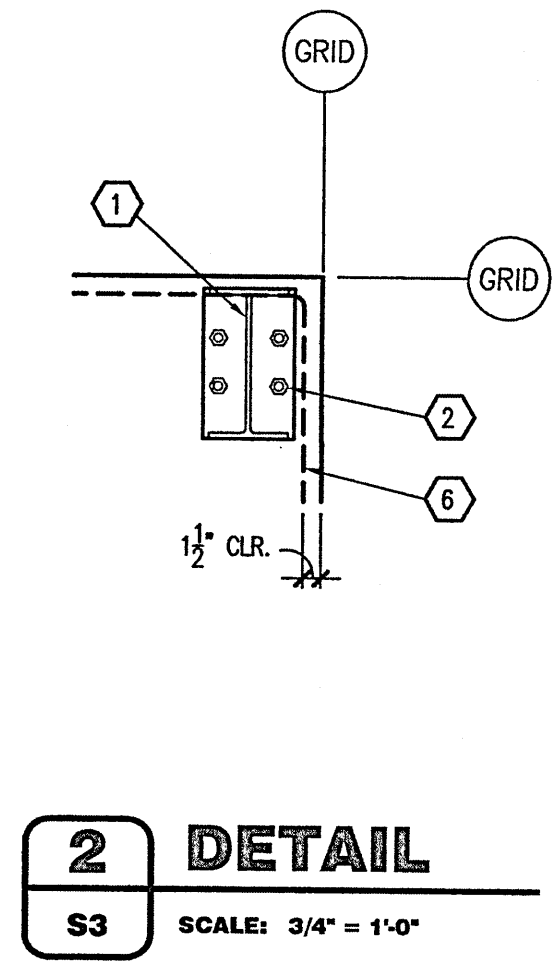
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REVISION  
DATE:

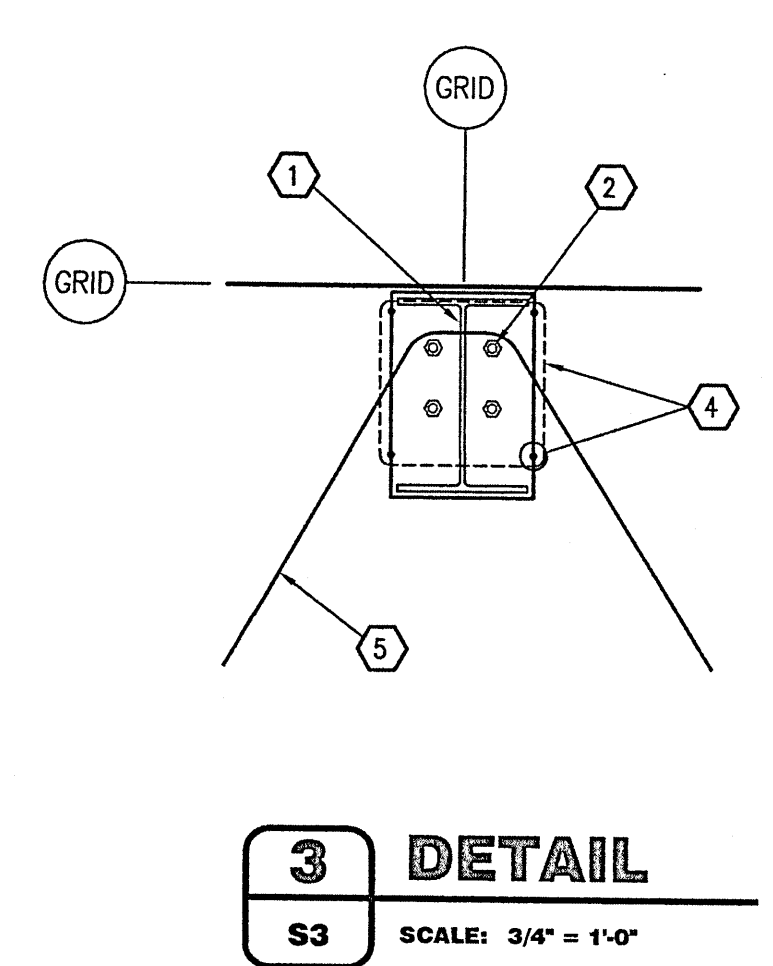


NOTE: SHOP ASSEMBLE TEMPLATES AND BOLTS. ANCHOR BOLT ASSEMBLY TO BE PLACED IN FORM PRIOR TO POURING CONCRETE. BOLT MATERIAL MAY BE F1554 GR. 36, OR CONTINUOUSLY THREADED A36 ROD. ALL ANCHOR BOLTS SHALL BE CLEAN AND FREE OF ALL OIL, GREASE, ICE, ETC.

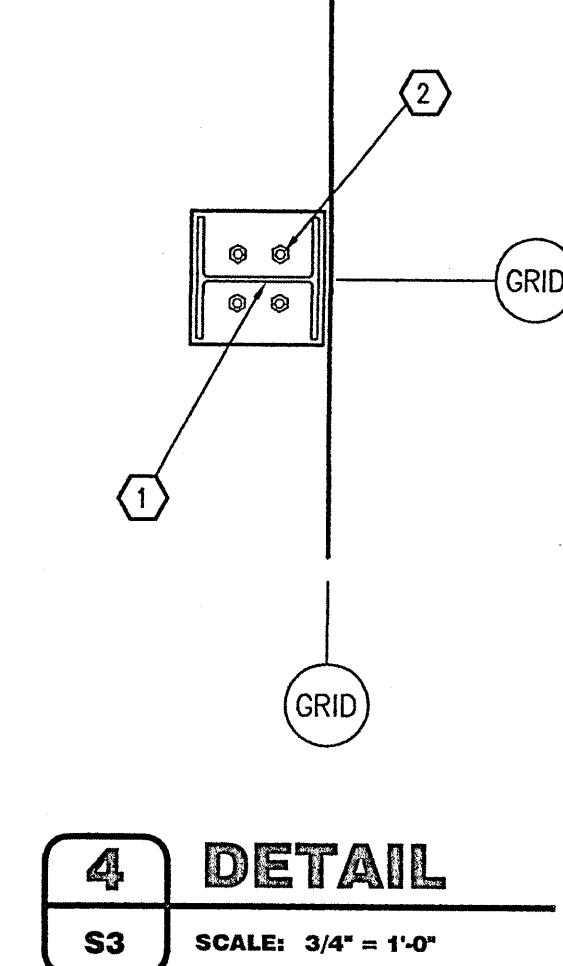
**1 SHOP FABRICATED ANCHOR ASSEMBLY**  
S3 SCALE: NONE  
(DO NOT SHIP UNASSEMBLED TO FIELD)



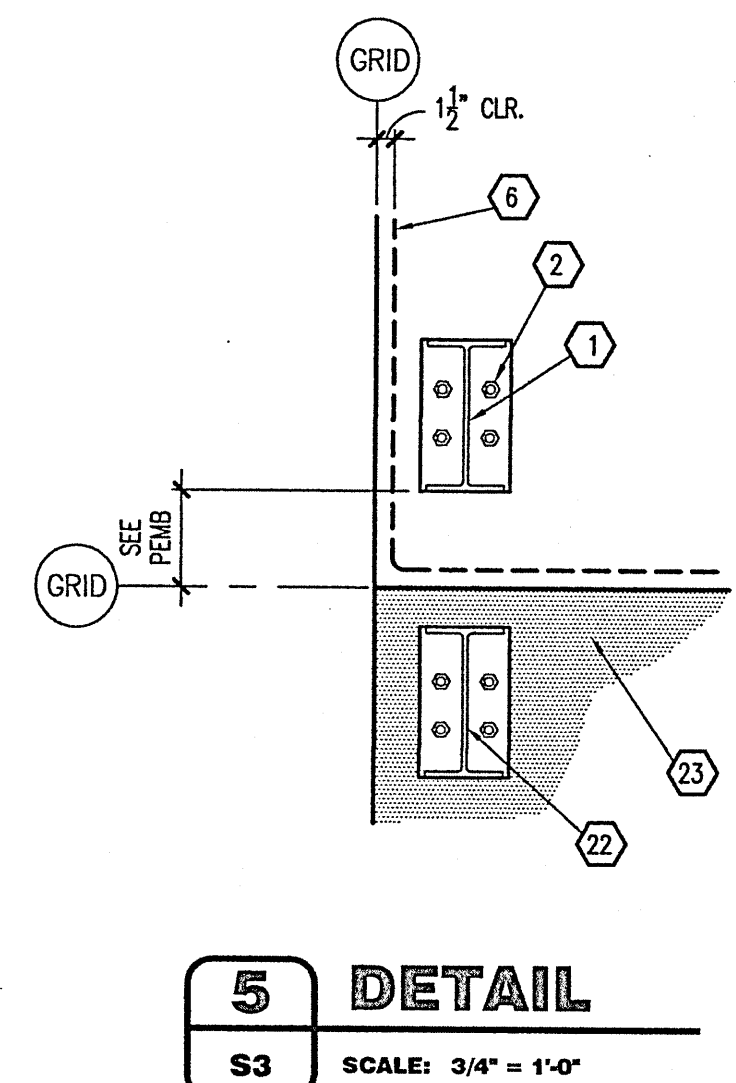
**2 DETAIL**  
S3 SCALE: 3/4" = 1'-0"



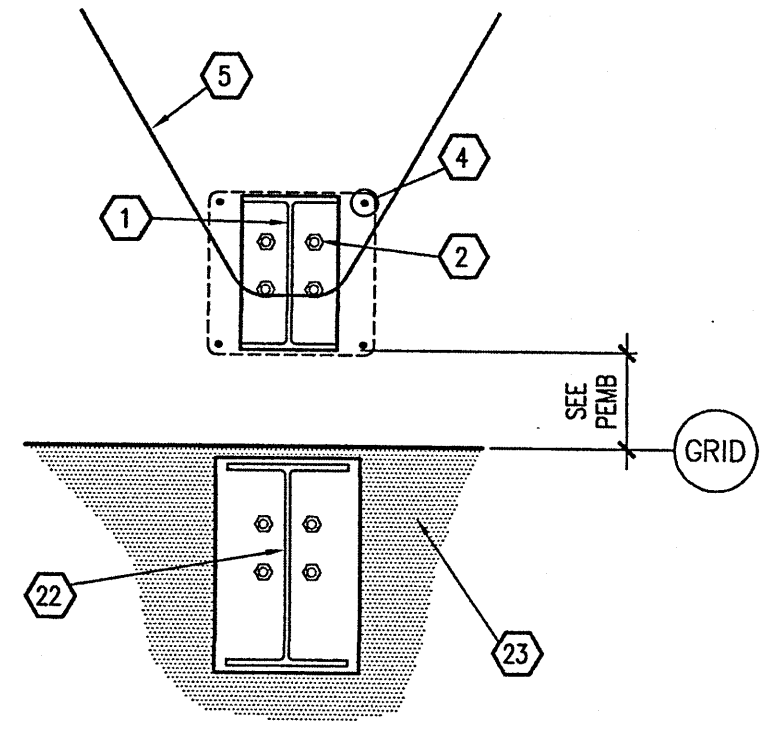
**3 DETAIL**  
S3 SCALE: 3/4" = 1'-0"



**4 DETAIL**  
S3 SCALE: 3/4" = 1'-0"



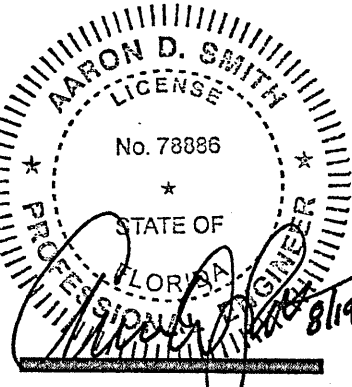
**5 DETAIL**  
S3 SCALE: 3/4" = 1'-0"



**6 DETAIL**  
S3 SCALE: 3/4" = 1'-0"

**KEYNOTES:**

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- 2 ANCHOR BOLTS. SEE FOUNDATION SCHEDULE AND PRE-ENGINEERED METAL BUILDING DRAWINGS FOR SIZE, QUANTITY AND PLAN LOCATION. SEE 1/53 FOR TYPICAL SHOP FABRICATED ANCHOR ASSEMBLY.
- 3 INTERIOR CONCRETE SLAB SEE FOUNDATION PLAN.
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- 13 AT EXTERIOR DOOR LOCATIONS DRILL 6" DEEP HOLES FOR #4x1'-6" DOWELS @ 24" O.C. AND ADHERE IN PLACE. SEE ADHESIVE ANCHOR SYSTEM NOTES SHEET S1 FOR INSTALLATION
- 14 1/2" ISOLATION JOINT WITH ASPHALTIC FILLER & SEALANT
- 15 CONTINUOUS FOOTING REINFORCEMENT TO RUN THROUGH COLUMN FOUNDATIONS. SEE SECTION 1/52 FOR REINFORCEMENT INFORMATION.
- 16 COLUMN FOOTING REINFORCEMENT SEE FOUNDATION SCHEDULE.
- 17 CONTINUOUS FOOTING BEYOND
- 18 PAVING, SEE SITE DEVELOPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
- 19 SEE GRADING PLAN FOR FINISHED GRADES.
- 20 STEEL BOLLARD SEE SITE PLAN.
- 21 DRILL 6" DEEP HOLES INTO EXISTING FOUNDATIONS FOR #4x1'-6" DOWELS MATCHING QUANTITY AND SPACING OF NEW FOOTING REINFORCEMENT. APPLY ADHESIVE AND INSTALL DOWELS. SEE SHEET S1 FOR ADHESIVE ANCHOR INSTALLATION.
- 22 EXISTING PEMB COLUMN
- 23 EXISTING CONCRETE SLAB AND FOUNDATIONS
- 24 DRILL 6" DEEP HOLES INTO EXISTING CONCRETE FOR #4x1'-6" DOWELS @ 24" O.C. AND ADHERE IN PLACE. SEE SHEET S1 FOR ADHESIVE ANCHOR INSTALLATION



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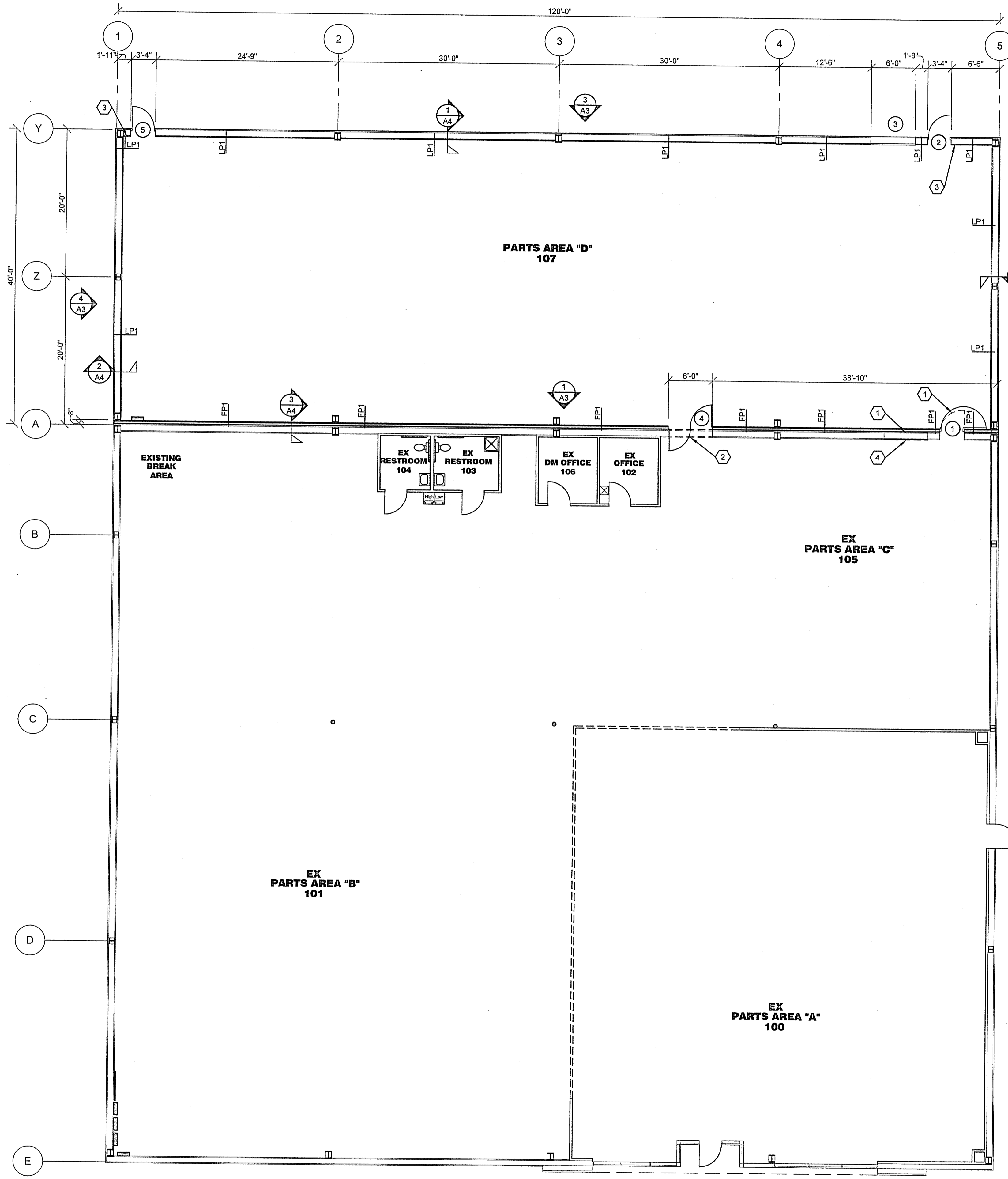
**GENERAL NOTES:**

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. REFER TO COVER SHEET FOR BUILDING DESIGN CRITERIA.
- C. REFER TO P.E.M.B. DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- D. ALL DIMENSIONS TO ROUGH FACE OF ROUGH FRAMING, CONCRETE OR CENTERLINE OF STRUCTURE, UNLESS OTHERWISE NOTED. 3-5/8" METAL STUD INTERIOR PARTITION DIMENSIONS NOT SHOWN FOR CLARITY.
- E. REFER TO SHEET F1 FOR INTERIOR FINISH REQUIREMENTS AND OWNER FURNISHED AND INSTALLED FIXTURES AND EQUIPMENT.

**KEY NOTES:**

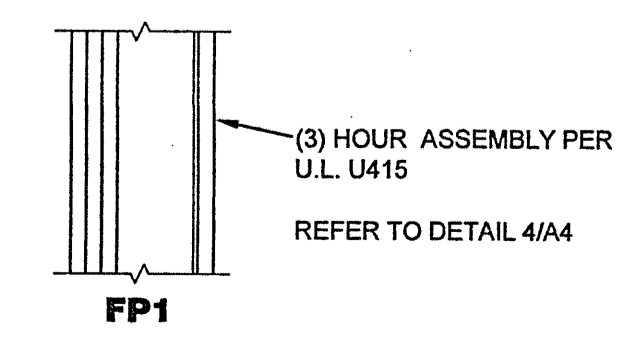
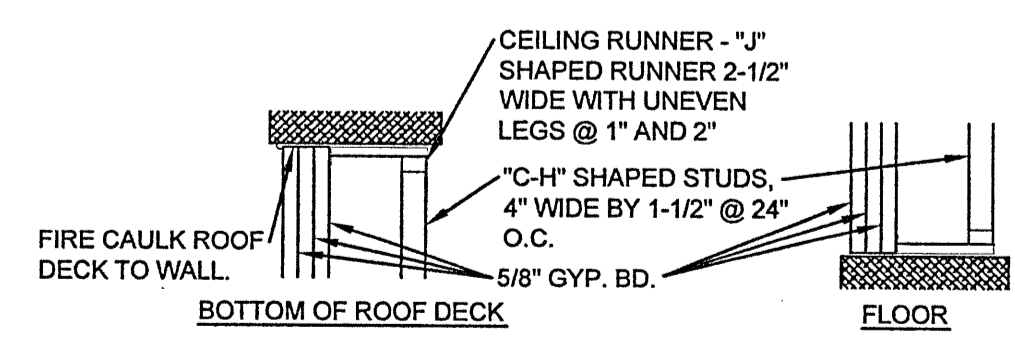
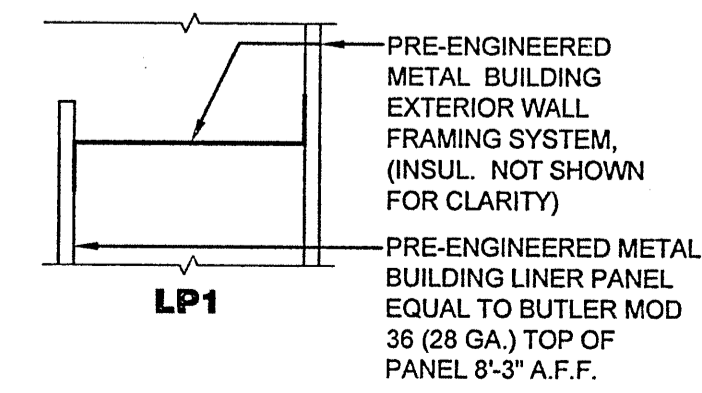
- 1 REMOVE EXISTING DOOR, FRAME AND HARDWARE AS REQUIRED TO ALLOW FOR NEW CONSTRUCTION AS SHOWN.
- 2 REMOVE PORTION OF EXISTING WALL AS REQUIRED TO ALLOW FOR NEW DOOR CONSTRUCTION. BRACE EXISTING WALL AS REQUIRED WITH NEW METAL BUILDING COMPONENTS, TO MATCH EXISTING. PATCH AND REPAIR WALL TO MATCH EXISTING ADJACENT CONSTRUCTION WHERE AFFECTED BY DEMOLITION.
- 3 FIRE EXTINGUISHER IS TO BE MULTIPURPOSE DRY CHEMICAL TYPE, UL LISTED ABC, 10 LBS. CAPACITY, SURFACE MOUNTED WITH MANUFACTURER'S STANDARD METAL BRACKETS AND FASTENERS AT 42" ABOVE FINISHED FLOOR TO TOP.
- 4 INFILL EXISTING OPENING TO MATCH ADJACENT EXISTING CONSTRUCTION. REFER TO PEMB

NOTE:  
G.C. TO REVIEW METAL BUILDING ERECTION DRAWINGS BEFORE CONSTRUCTION BEGINS TO CONFIRM THAT ANY ROD BRACES SHOWN IN THOSE DRAWINGS WILL NOT INTERFERE WITH CLEARANCES, ACCESSORIES OR ELECTRICAL PANELS SHOWN. G.C. TO NOTIFY O'REILLY REPRESENTATIVE AND ARCHITECT IF THEY BELIEVE THAT THERE MIGHT BE A CONFLICT. IF THERE IS SUCH A CONFLICT, INSTALL 6" STUD WALL AGAINST EXTERIOR WALL TO ENCAPSULATE RODS.

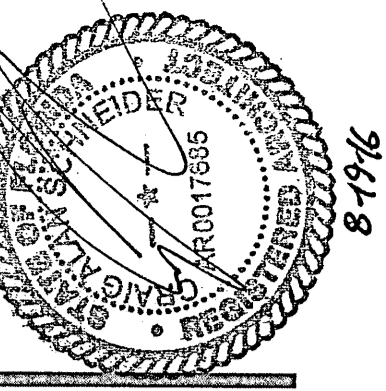
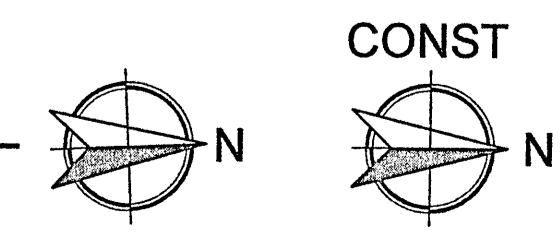


**WALL TYPES:**

- 1. PROVIDE FIRE STOPPING AND FIRE SEALANT MATERIALS AS REQUIRED AT ALL RATED WALL CONSTRUCTION MATERIAL TRANSITIONS AND PENETRATIONS. RATING TO BE EQUAL TO RATED WALL ASSEMBLY.
- 2. PROVIDE DIAGONAL BACKING BRACING (3" X 16 GA. FLAT STRIP) AT CORNER FACES OF FREE STANDING PARTITION SYSTEMS.
- 3. PROVIDE "J" MOLDING REGLETS OR CORNER BEAD AT ALL DISSIMILAR WALL MATERIAL TRANSITIONS.
- 4. INSULATION SHALL HAVE A FLAME SPREAD RATING OF 0-25 AND A SMOKE DEVELOPMENT RATING OF 0-450.



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



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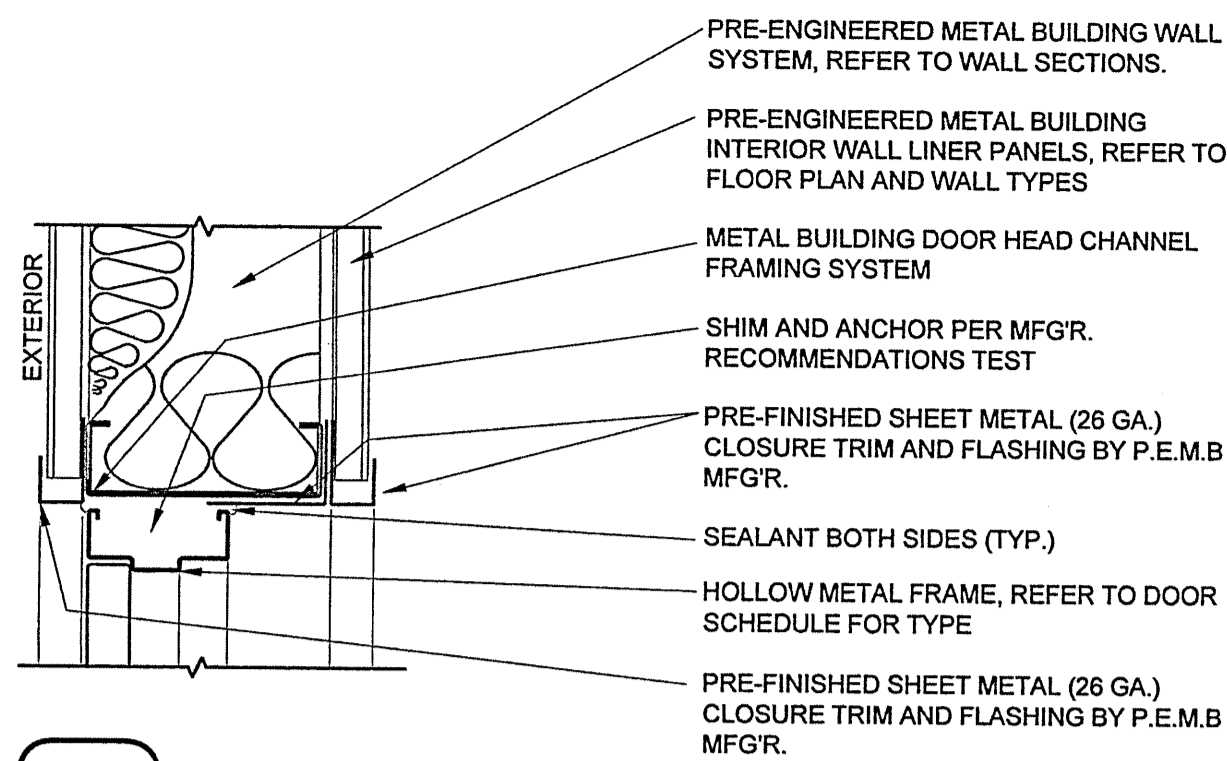
O'Reilly Auto Parts Store Addition  
2601 NORTH PACE BLVD.  
PENSACOLA, FL  
(PENSACOLA #1)

**O'Reilly AUTO PARTS**  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

COMM # 3897

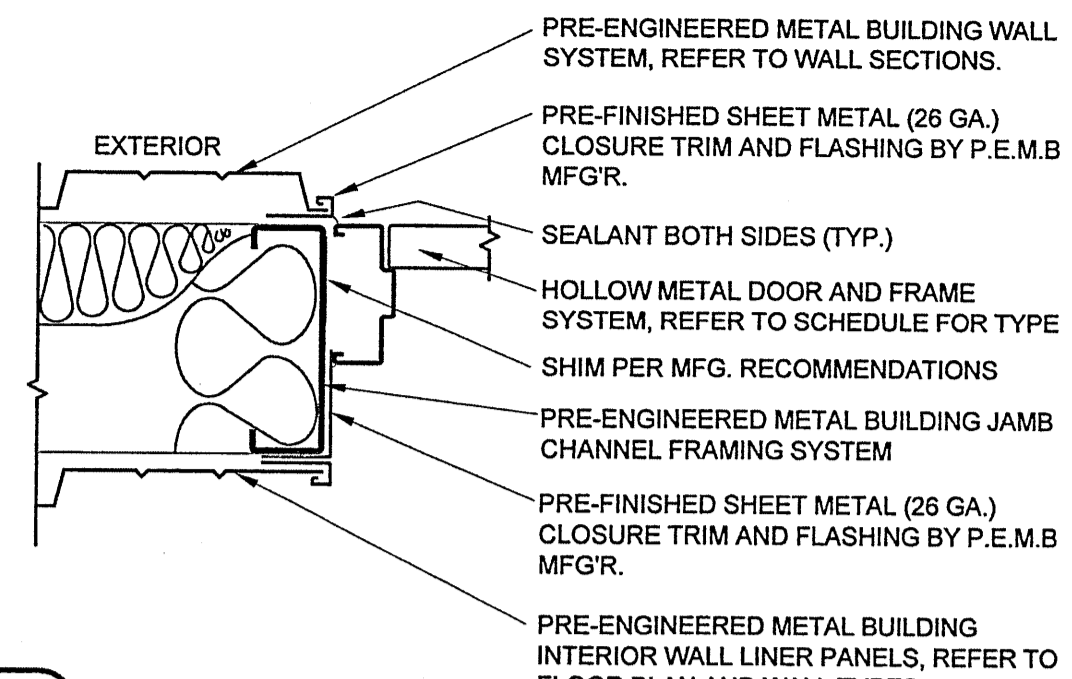
DATE: 8-19-16

REVISION DATE:



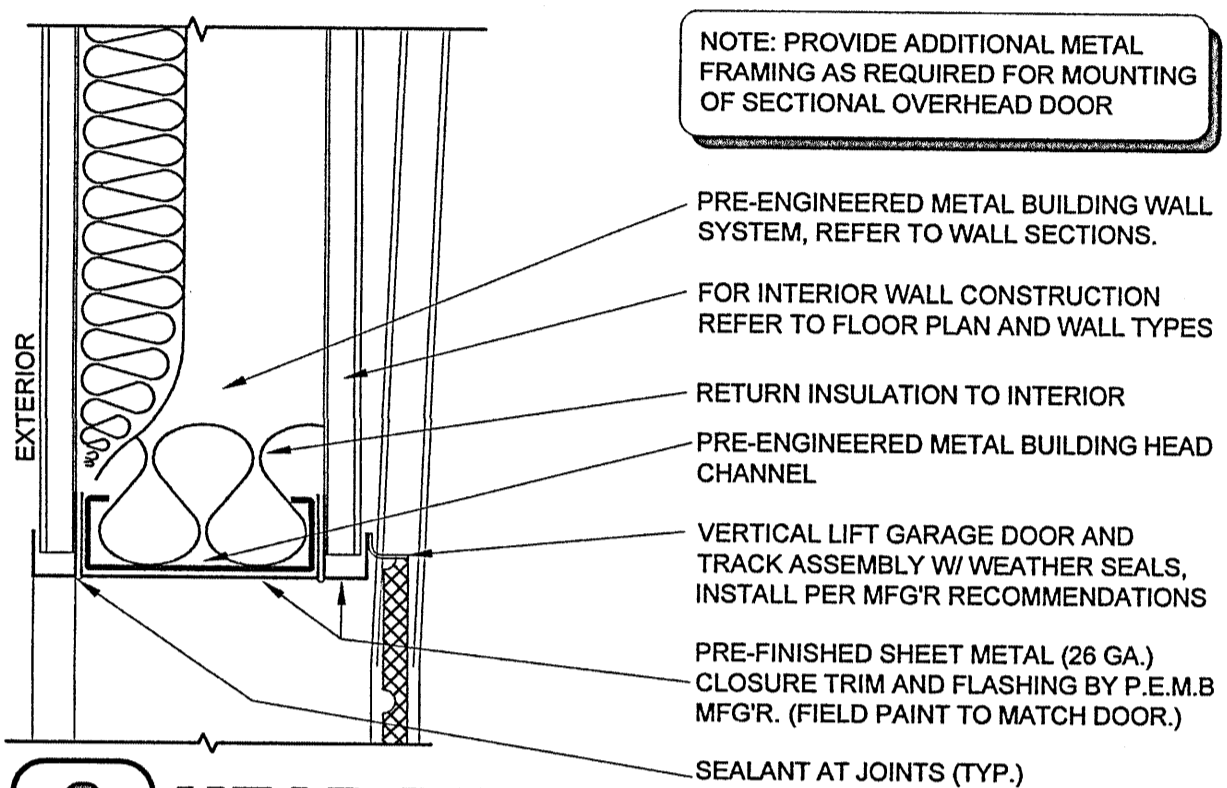
**1 HEAD DETAIL**

A2 SCALE: 1-1/2" = 1'-0"



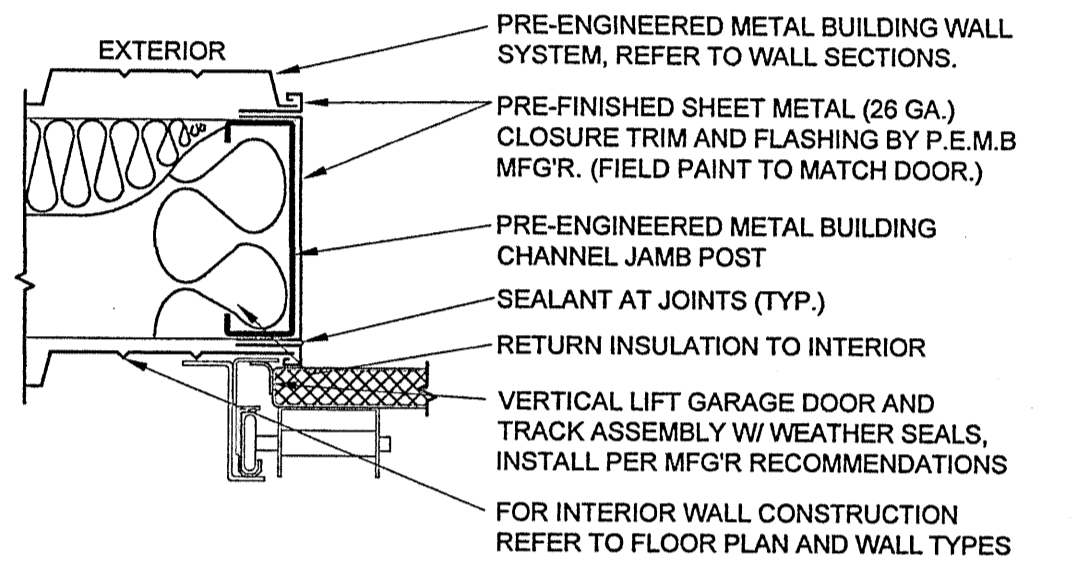
**2 JAMB DETAIL**

A2 SCALE: 1-1/2" = 1'-0"



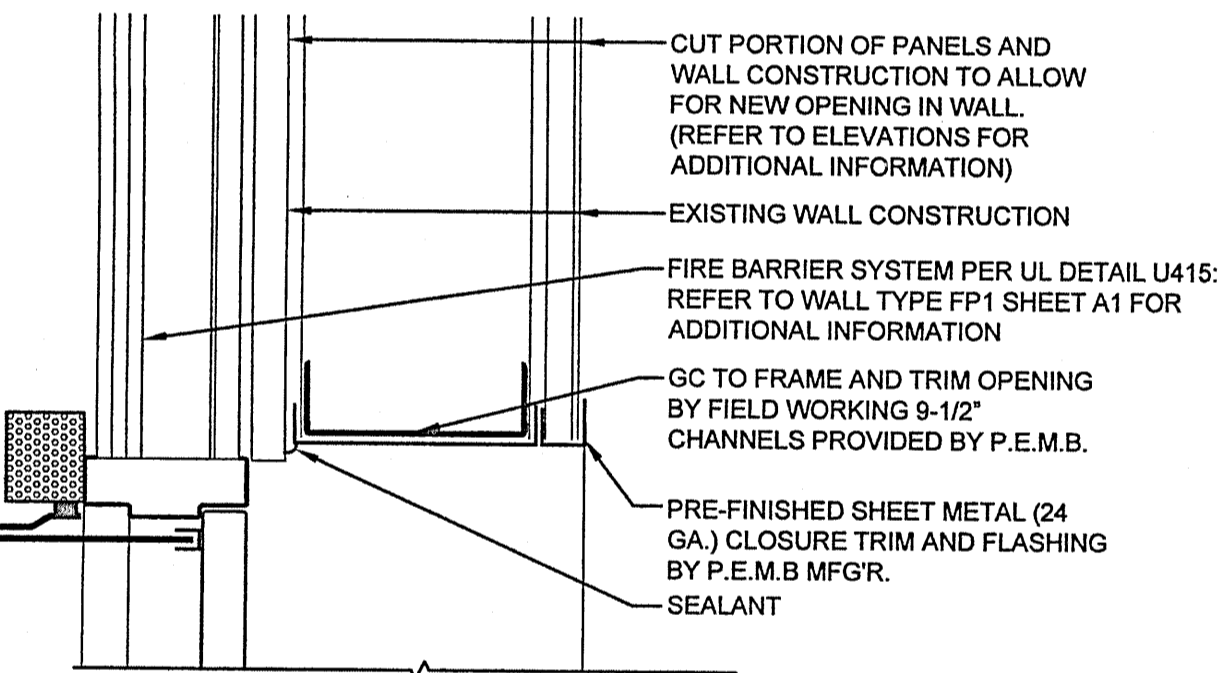
**3 HEAD DETAIL**

A2 SCALE: 1-1/2" = 1'-0"



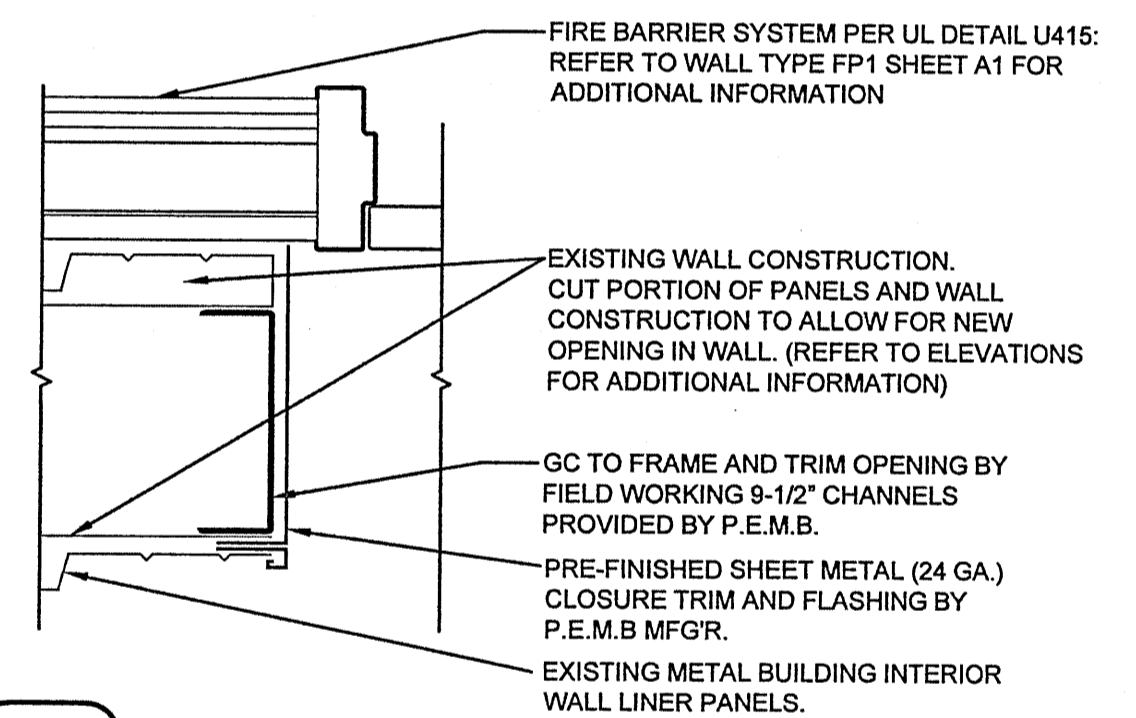
**4 JAMB DETAIL**

A2 SCALE: 1-1/2" = 1'-0"



**5 HEAD DETAIL**

A2 SCALE: 1-1/2" = 1'-0"



**6 JAMB DETAIL**

A2 SCALE: 1-1/2" = 1'-0"

**DOOR SCHEDULE**

MK	DOOR			DOOR HARDWARE		FRAME		DETAILS		REMARKS	
	SIZE (WIDTH x HEIGHT x DEPTH)	TYPE	SWING	MATERIAL	SET #	KEYED	TYPE	MATERIAL	HEAD		JAMB
1	3'-0" X 7'-0" X 1-3/4"	A	REFER TO FLOOR PLAN	HOL. METAL	1	---	1	HOL. ALUM	5/A2	6/A2	REFER TO NOTES 1,2,3,7
2	3'-0" X 7'-0" X 1-3/4"	A	REFER TO FLOOR PLAN	HOL. METAL	2	A	1	HOL. MTL	1/A2	2/A2	REFER TO NOTES 1,2,4,6
3	6'-0" X 8'-0"	B	SECTIONAL OVERHEAD	HOL. METAL	3	---	PER MANUFACTURER STANDARDS AND RECOMMENDATIONS		3/A2	4/A2	REFER TO NOTE 1
4	DOUBLE 3'-0" X 7'-0" X 1 3/4" OPP. SWINGS	A	REFER TO FLOOR PLAN	HOL. METAL	4	---	2	HOL. MTL	5/A2 SIM	6/A2 SIM	REFER TO NOTES 1,5,7
5	3'-0" X 7'-0" X 1-3/4"	A	REFER TO FLOOR PLAN	HOL. METAL	2	---	1	HOL. MTL	1/A2	2/A2	REFER TO NOTE 1,5

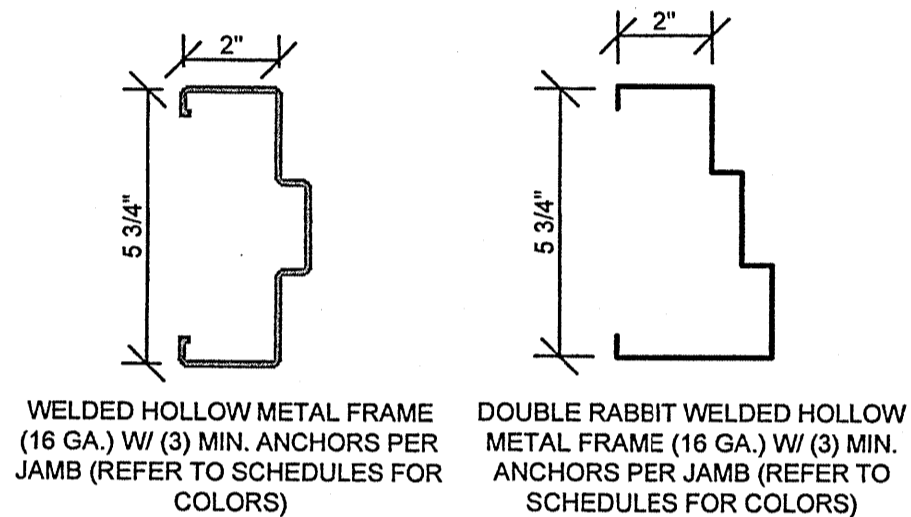
- NOTES:**
- ALL DOORS SHALL BE SHOP PREPARED FOR HARDWARE.
  - ALL EXTERIOR DOORS TO BE KEVED ALIKE. CONTRACTOR TO FIELD VERIFY AND MATCH CORE OF DOOR MARKED "2".
  - REFER TO FOUNDATION PLAN FOR SLOPING OF CONCRETE AT SILL.
  - EXTERIOR DOOR, FRAME AND HARDWARE SUPPLIED BY OWNER, CONTRACTOR INSTALLED.
  - IT IS THE CONTRACTORS OPTION TO DIRECT ORDER AND PURCHASE INTERIOR DOORS, HOLLOW METAL FRAMES AND HARDWARE THROUGH LOCKNET.
  - AT EXTERIOR HOLLOW METAL DOOR FRAMES, CONTRACTOR SHALL PROVIDE AND INSTALL LOW TO NON-EXPANSIVE FOAM INSULATION EQUAL TO "GREAT STUFF - WINDOW AND DOOR" BY DOW, OR FILL FRAME WITH A MINIMUM OF R-11 BATT INSULATION AND SEAL OFF.
  - DOOR AND FRAME TO BE "B" LABEL FOR INDICATED FIRE DOOR.

**LOCKNET**  
100 COURCHELLE DRIVE  
NICHOLASVILLE, KY 40356  
CONTACT: PAM PEEL

PHONE 800-887-4307 EXT 133  
FAX 859-881-5499  
EMAIL: construction@locknet.com

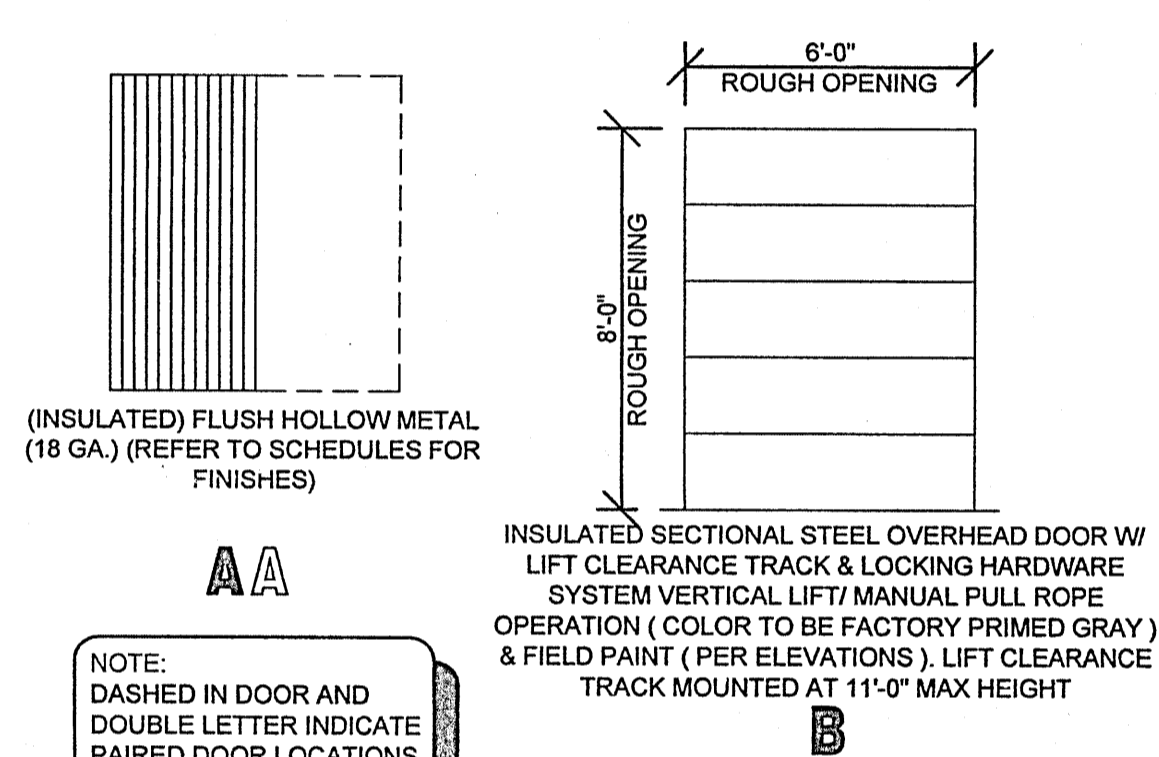
ALL EXTERIOR DOORS, FRAMES AND HARDWARE SUPPLIED TO BE WIND-RATED TO COMPLY WITH THE FOLLOWING CRITERIA:  
DESIGN PRESSURE = +50/-50 PSF

**FRAME TYPES:**



1. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.  
2. REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS.

**DOOR TYPES:**



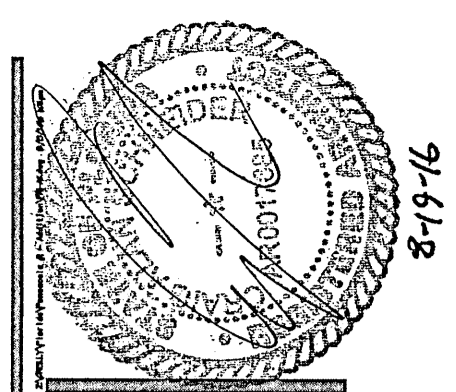
NOTE: DASHED IN DOOR AND DOUBLE LETTER INDICATE PAIRED DOOR LOCATIONS

**INTERIOR DOOR & FRAME FINISH NOTES:**

- INTERIOR HOLLOW METAL FRAMES SHALL BE SHOP PRIMED AND FIELD PAINTED WITH 2 COATS SHERWIN WILLIAMS "HUNT CLUB" SW 6488 (SEMI-GLOSS).

**DOOR HARDWARE SCHEDULE**

SET NUMBER 1 ( DOOR MARK 1 )			
NO.	PART	DESCRIPTION	MANUFACTURER
2	PAIR HINGES	BB1279 X 4.5 X 4.5 US26D	HAGER
1	PASSAGE SET	AU5301LN X US26D	YALE
1	CLOSER	4040BC X AL (ADJ. TO 5#)	LCN
1	MAGNETIC HOLD OPEN	FM996	RIXSON
1	SMOKE SEALS	S88W18	PEMCO
1	WALL BUMPER	409 X US26D	ROCKWOOD
SET NUMBER 2 ( DOOR MARKS 2 AND 5 )			
NO.	PART	DESCRIPTION	MANUFACTURER
1	PAIR HINGES	BB1191 - 4.5" x 4.5" - NRP, US26D	HAGER
1	EXIT DEVICE	9300 B 486 / 689 - PRTO3 630 THRU-BOLTED ITEM W/ SEX BOLTS	DORMA
1	RIM CYLINDER	20-057 RIM CYLINDER IC, W/ SCHLAGE E KEYWAY (LARGE FORMAT) - 26D - W/ 2 SECURITY KEYS AND 1 CORE KEY PER LOCK, 1 BITTED	SCHLAGE
1	DOOR CLOSER	8616DST HD GR 1, ADJ #3 x 689 FINISH W/ COVER - THRU-BOLTED ITEM W/ SEX BOLT INCLUDES HOLD-OPEN ARM W/ THUMBTURN	DORMA
1	LATCH GUARD	LG1002/SF STRAIGHT WPIN W/ SEX BOLTS	LATCHGUARD
1	KICKPLATE	8 X 34 X .050 SS FINISH	HAGER
1	THRESHOLD	36" ALUM MILL ADA COMPLIANT	POSTEL
1	SWEEP	CONCEALED ALUM MILL VINYL BULB	POSTEL
1	SET WEATHERSTRIP	JAMBS: KERFED QEBD-500 HEADER: ADHESIVE QDST-675	SCHLEGEL
1	DOOR VIEWER	698 - 190 DEGREE WIDE ANGLE - 26D	IVES
SET NUMBER 3 ( DOOR MARK 3 )			
REQUIRED HARDWARE FURNISHED WITH OVERHEAD DOOR SYSTEM ( LOCKING FROM INSIDE ONLY )			
SET NUMBER 4 ( DOOR MARK 4 )			
NO.	PART	DESCRIPTION	MANUFACTURER
3	PAIR HINGES	BB1279 X 4.5 X 4.5 X US26D	HAGER
1	SMOKE SEALS	S88W18	PEMCO
2	EXIT DEVICE	3100 SVR SURFACE VERTICAL ROD	ADAMS RITE
1	ASTRAGAL	357SP OVERLAPPING STEEL, GALVANNEALED	PEMCO
2	CLOSER	4040BC X AL (ADJ. TO 5#)	LCN
2	MAGNETIC HOLD OPEN	(1) FM 996 WALL MOUNT & (1) FM980 FLOOR MOUNT	RIXSON
SET NUMBER 5 ( DOOR MARK 5 )			
NO.	PART	DESCRIPTION	MANUFACTURER
1.5	PAIR HINGES	ECBB1100 - 4.5" X 4.5" - NRP, US26D	HAGER
1	EXIT DEVICE	8300 B 486 / 689 EXIT ONLY	DORMA
1	DOOR CLOSER	5300 MLT ADJ 2-6 ALUM - GRADE 1 CLOSER WITH BACK CHECK - WITH COVER THRU-BOLTED ITEM W/ SEX BOLTS	HAGER
1	LATCHGUARD	LG1002/SF STRAIGHT W/ PIN W/ SEX BOLTS	LATCHGUARD
1	THRESHOLD	36" ALUM MILL ADA COMPLIANT	POSTEL
1	SWEEP	CONCEALED ALUM MILL VINYL BULB	POSTEL
1	SET WEATHERSTRIP	JAMBS: KERFED QEBD-500 HEADER: ADHESIVE QDST-675	SCHLEGEL



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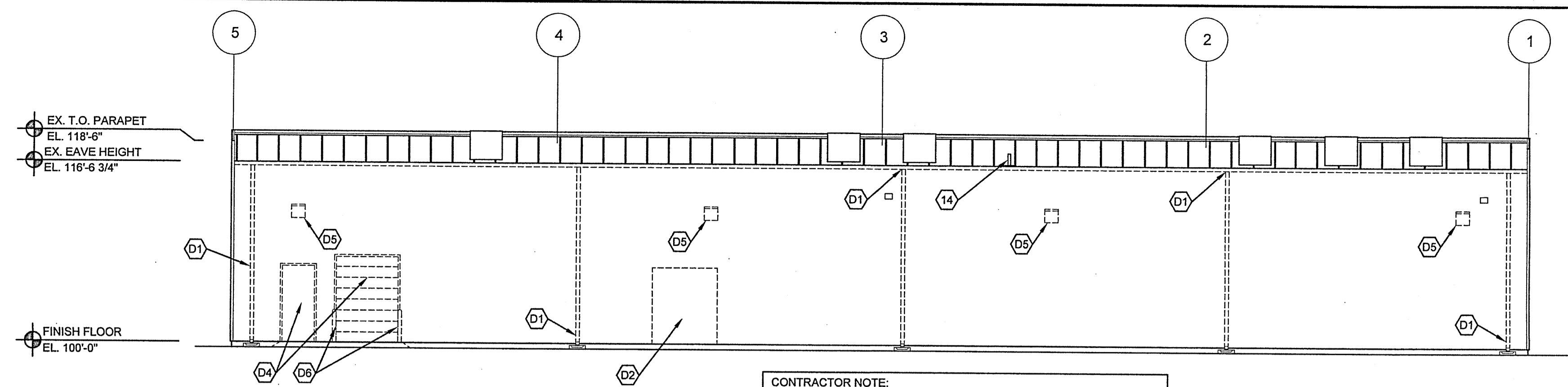
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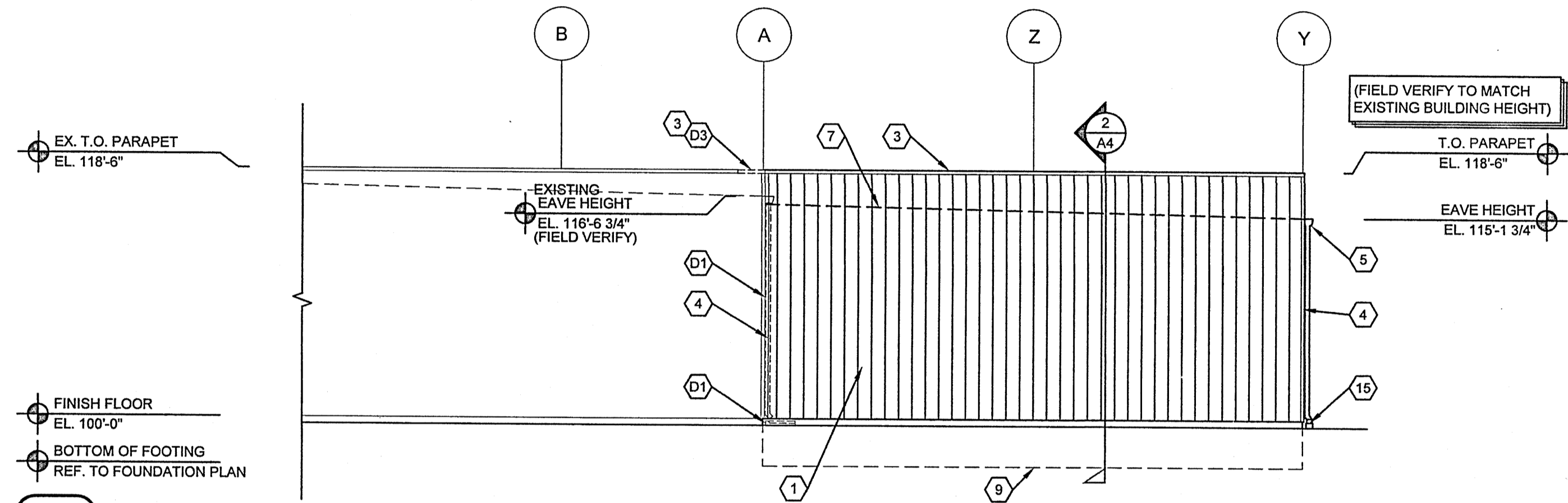
REVISION DATE:



**1 EXISTING WEST ELEVATION**

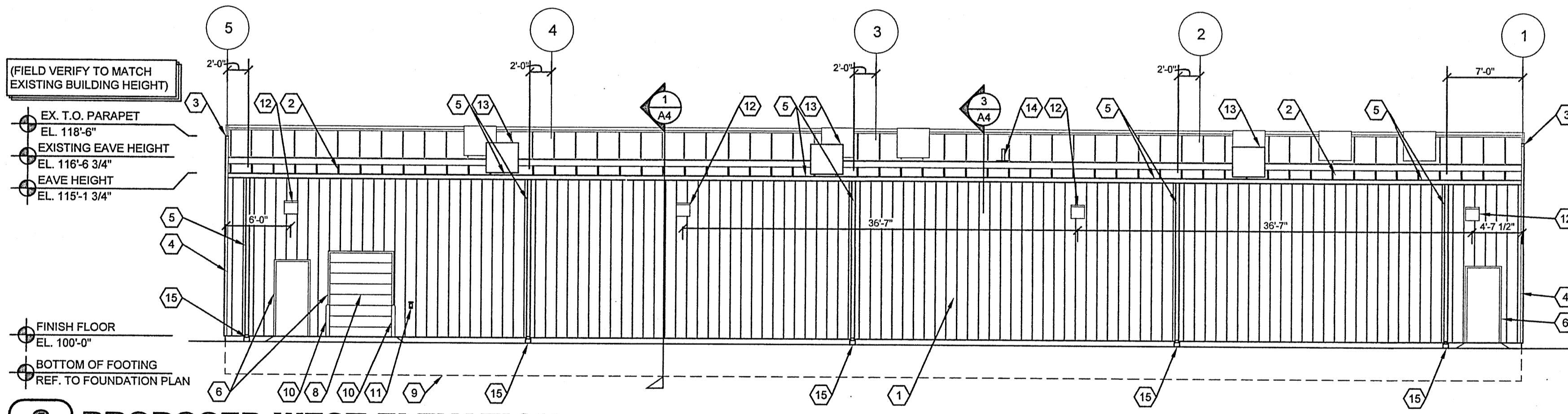
A3 SCALE: 1/8" = 1'-0"

CONTRACTOR NOTE:  
 CONTRACTOR TO PATCH AND REPAIR ALL EXTERIOR WALLS, AS REQUIRED, WHERE AFFECTED BY DEMOLITION OF UTILITIES AND MECHANICAL PENETRATIONS TO MATCH EXISTING CONSTRUCTION. REFER TO MEP PLANS FOR ADDITIONAL INFORMATION REGARDING REMOVING AND RELOCATING EXISTING MECHANICAL, ELECTRICAL & PLUMBING COMPONENTS.



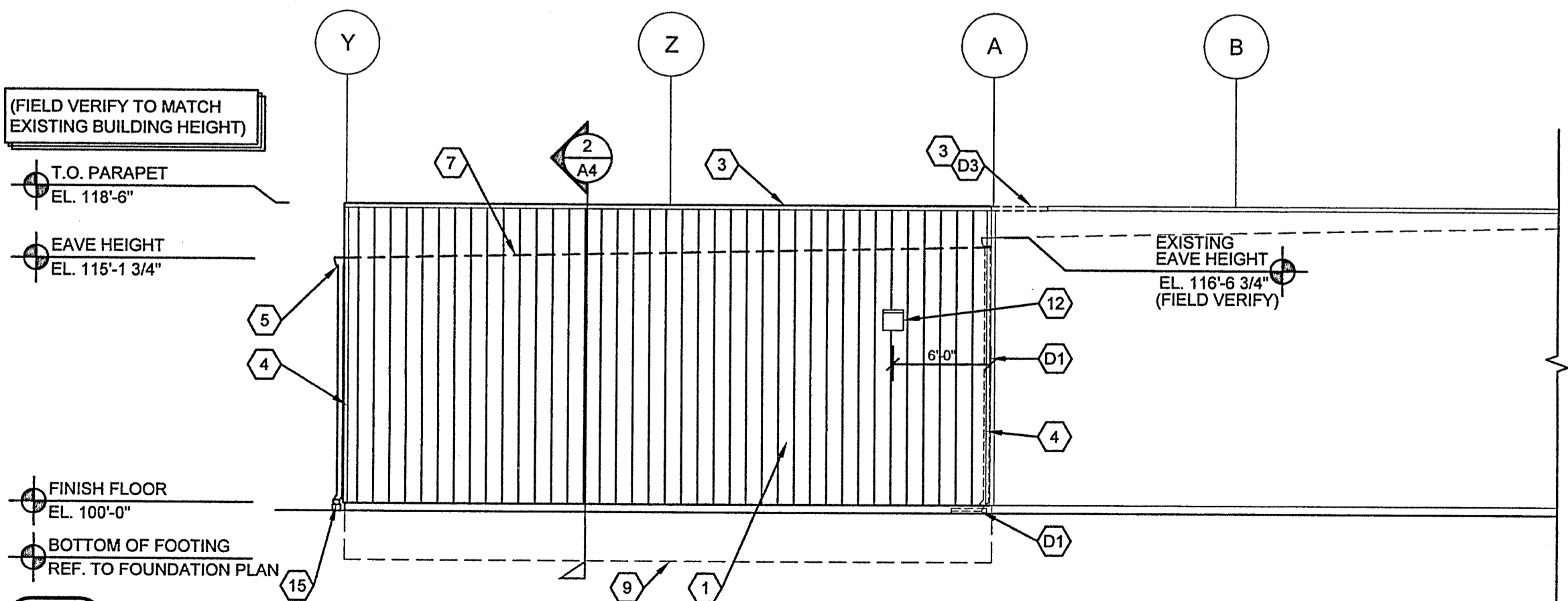
**2 PROPOSED NORTH ELEVATION**

A3 SCALE: 1/8" = 1'-0"



**3 PROPOSED WEST ELEVATION**

A3 SCALE: 1/8" = 1'-0"



**4 PROPOSED SOUTH ELEVATION**

A3 SCALE: 1/8" = 1'-0"

**GENERAL NOTES:**

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. REFER TO COVER SHEET FOR BUILDING DESIGN CRITERIA.
- C. REFER TO PRE-ENGINEERED METAL BUILDING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- D. REFER TO MECHANICAL / ELECTRICAL PLAN FOR SYSTEM TYPES AND LOCATIONS.
- E. REFER TO SITE DEVELOPMENT PLANS FOR ADDITIONAL REQUIREMENTS.

**DEMOLITION KEY NOTES:**

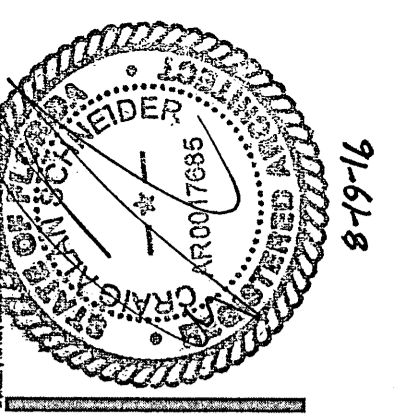
- D1 REMOVE EXISTING GUTTER, DOWNSPOUT, AND ASSOCIATED SPLASH BLOCK (IF EXISTING).
- D2 REMOVE PORTION OF WALL AS REQUIRED TO ALLOW FOR NEW OPENING. REFER TO SHEET A2 FOR MORE INFORMATION.
- D3 REMOVE PORTION OF EXISTING CAP FLASHING TO SEAM NEAREST TO EXISTING BUILDING CORNER TO ALLOW FOR NEW CAP FLASHING TO OVERLAP FROM NEW TO EXISTING BUILDING.
- D4 REMOVE EXISTING DOOR, FRAME AND HARDWARE AND ASSOCIATED CONCRETE LANDING. REFER TO CIVIL FOR MORE INFORMATION.
- D5 REMOVE EXISTING LIGHT FIXTURE. REFER TO MEP PLANS.
- D6 REMOVE EXISTING BOLLARD, INCLUDING FOOTING.

**KEY NOTES:**

- 1 PRE-ENGINEERED EXTERIOR WALL PANEL: BY BUTLER MFG. OR SIMILAR COMPANY "SHADOWWALL" PANEL SYSTEM - COOL BIRCH WHITE.
- 2 PRE-ENGINEERED STANDING SEAM ROOF: BY BUTLER MFG OR SIMILAR COMPANY
- 3 PRE-ENGINEERED METAL CAP FLASHING: 3" FACE BY BUTLER MFG. OR SIMILAR COMPANY - COOL EMERALD GREEN.
- 4 PRE-ENGINEERED PRE-FINISHED METAL BUILDING TRIM: BY BUTLER MFG. OR SIMILAR COMPANY - COOL BIRCH WHITE.
- 5 PRE-ENGINEERED PRE-FINISHED METAL GUTTER & DOWNSPOUT SYSTEM: BY BUTLER MFG. OR SIMILAR COMPANY - COOL BIRCH WHITE.
- 6 PRE-ENGINEERED PRE-FINISHED METAL BUILDING DOOR TRIM: BY BUTLER MFG. OR SIMILAR COMPANY - COOL BIRCH WHITE.
- 7 ROOF SLOPE: DASHED LINE INDICATES LINE OF ROOF BEYOND WITH SLOPE OF 14" PER FOOT.
- 8 OVERHEAD DOOR AND FRAME: (REFER TO DOOR SCHEDULE)
- 9 LINE OF FOUNDATION: (REFER TO FOUNDATION PLAN)
- 10 STEEL BOLLARDS: (2) AT O.H. DOOR LOCATION. (REFER TO EXTERIOR FINISH SCHEDULE AND FOUNDATION PLAN)
- 11 HOSE BIB: (REFER TO PLUMBING PLAN)
- 12 LIGHT FIXTURE: (REFER TO ELECTRICAL PLAN)
- 13 ROOF TOP UNIT: APPROXIMATE LOCATION (REFER TO MECHANICAL PLAN FOR EXACT LOCATION)
- 14 EXISTING ROOF PIPING VENT TO REMAIN - PROTECT AS REQUIRED
- 15 DOWNSPOUT COLLECTION SYSTEM: REFER TO CIVIL GRADING PLAN.

EXTERIOR FINISH SCHEDULE		
TYPE:	COMPANY TYPE:	COLOR:
PRE-ENGINEERED METAL BUILDING PANELS	"SHADOWWALL" BY BUTLER MFG. OR SIMILAR COMPANY	COOL BIRCH WHITE
PRE-FINISHED GUTTERS AND DOWNSPOUTS	BY BUTLER MFG. OR SIMILAR COMPANY	COOL BIRCH WHITE
BOLLARDS AND SECTIONAL OVERHEAD DOOR	IN FIELD	FIELD PAINT SHERWIN WILLIAMS "HUNT CLUB" SW6468 (SEMI-GLOSS)
EXTERIOR DOORS	OWNER	PRE-FINISHED
PRE-FINISHED SHEET METAL CAP FLASHING	BY BUTLER MFG. OR SIMILAR COMPANY	COOL EMERALD GREEN

CONTRACTOR TO VERIFY ALL FINISHES LISTED MATCH EXISTING FINISHES.



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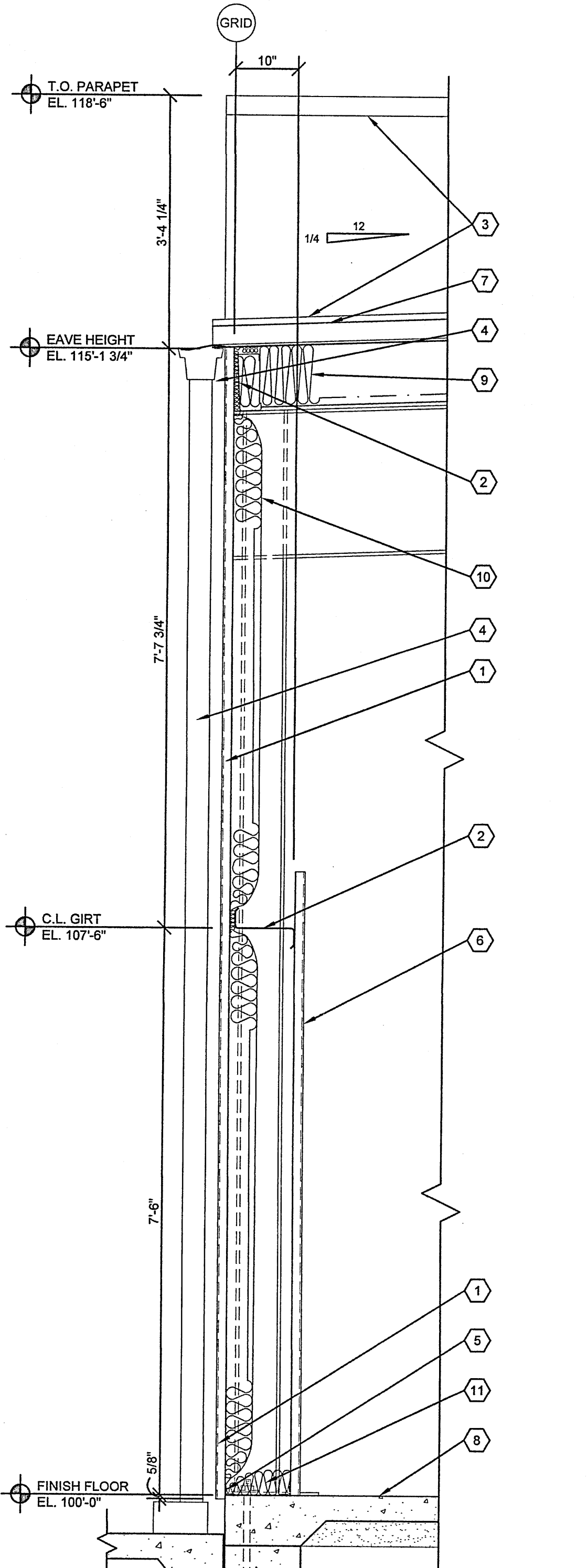
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**KEY NOTES:**

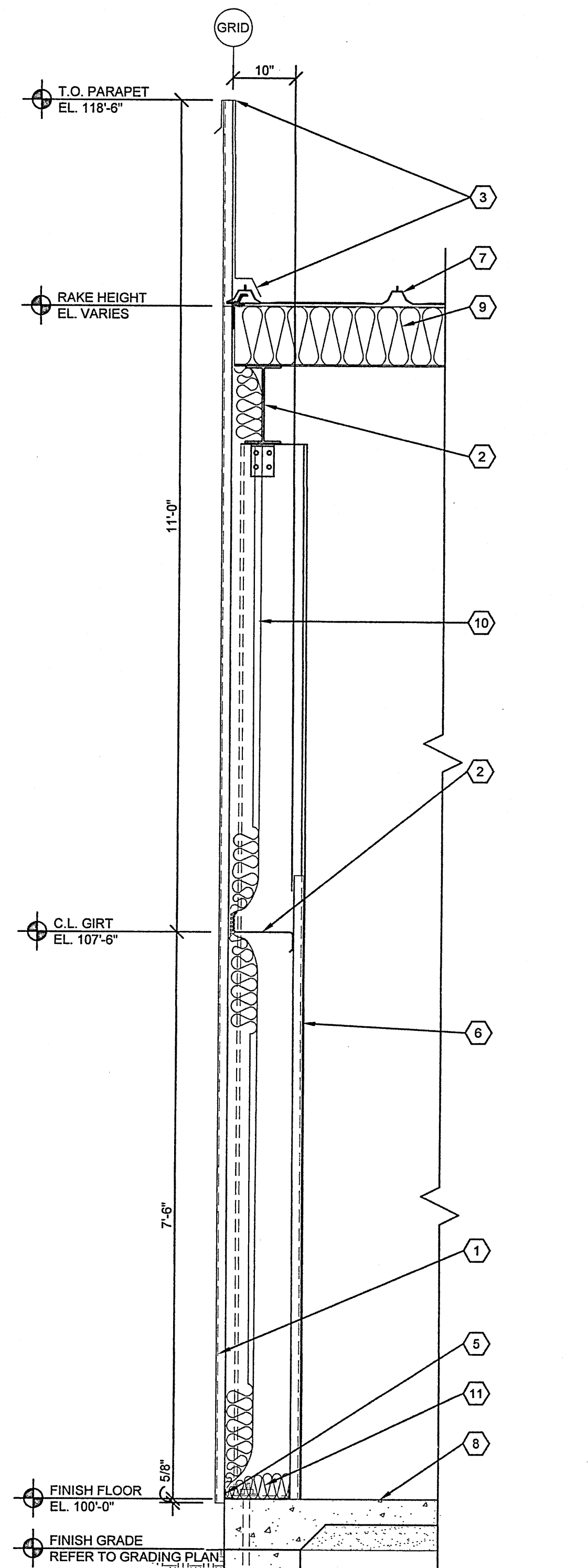
- 1 PRE-ENGINEERED METAL BUILDING EXTERIOR WALL PANEL SYSTEM. REFER TO ELEVATIONS AND P.E.M.B. SHOP DRAWINGS FOR REQUIREMENTS.
- 2 PRE-ENGINEERED METAL BUILDING STRUCTURAL FRAMING SYSTEM. REFER TO P.E.M.B. SHOP DRAWINGS FOR REQUIREMENTS.
- 3 PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING. COUNTER-FLASHING, CONT. CLEATS, DRIPS CLOSURES, TRANSITIONS, COPINGS AND ACCESSORIES AS REQUIRED, REFER TO P.E.M.B. SHOP DRAWINGS. FACTORY FINISHED, REFER TO EXTERIOR FINISH SCHEDULE FOR COLORS.
- 4 PRE-ENGINEERED METAL BUILDING GUTTER AND DS SYSTEM. AS INDICATED ON ELEVATIONS, REFER TO P.E.M.B. SHOP DRAWINGS FOR SIZES AND REQUIREMENTS.
- 5 PRE-ENGINEERED METAL BLDG BASE ANGLE AND PANEL CLOSURE. REFER TO P.E.M.B. SHOP DRAWINGS FOR REQUIREMENTS.
- 6 PRE-ENGINEERED METAL BUILDING INTERIOR WALL LINER PANEL. REFER TO P.E.M.B. SHOP DRAWINGS FOR REQUIREMENTS.
- 7 PRE-ENGINEERED METAL BUILDING ROOF PANEL SYSTEM WITH THERMAL BLOCKS. REFER TO P.E.M.B. SHOP DRAWINGS FOR REQUIREMENTS.

- 8 FLOORING AND BASE. REFER TO FINISH SCHEDULE FOR TYPES AND LOCATION.
- 9 ROOF INSULATION: GUARDIAN BUILDING PRODUCTS. "SUPPORT FILM, BANDING AND INSULATION SYSTEM" 8" AND 3.5" (R-36) (NO SUBSTITUTE) FIBERGLASS BLANKET INSULATION OVER HIGH STRENGTH STEEL SUSPENSION STRAPS ATTACHED UNDERNEATH PRE-ENGINEERED METAL BUILDING ROOF PURLINS. TAPE, FASTENERS AND INSULATION PROVIDED GUARDIAN BUILDING PRODUCTS. (OWNER SUPPLIED AND CONTRACTOR INSTALLED)
- 10 WALL INSULATION: 4" (R-13) FIBERGLASS BLANKET INSULATION FACED WITH CL5010 (PSK-10) (W/14" TABS) ATTACHED TO PRE-ENGINEERED METAL BUILDING WALL GIRTS. TAPE PROVIDED BY GUARDIAN BUILDING PRODUCTS. (1 ROLL PATCH AND TWO ROLLS OF DOUBLE FACED) (OWNER SUPPLIED AND CONTRACTOR INSTALLED)
- 11 BATT INSULATION: 4" (R-13) FIBERGLASS BATT INSULATION WITH FOIL FACE VAPOR BARRIER (PSK-10) (CONTRACTOR SUPPLIED AND CONTRACTOR INSTALLED)
- 12 SHAFT WALL: ANCHOR SHAFT WALL TO BOTTOM OF PURLINS WITH (4) TECH SCREWS INTO EACH PURLIN.

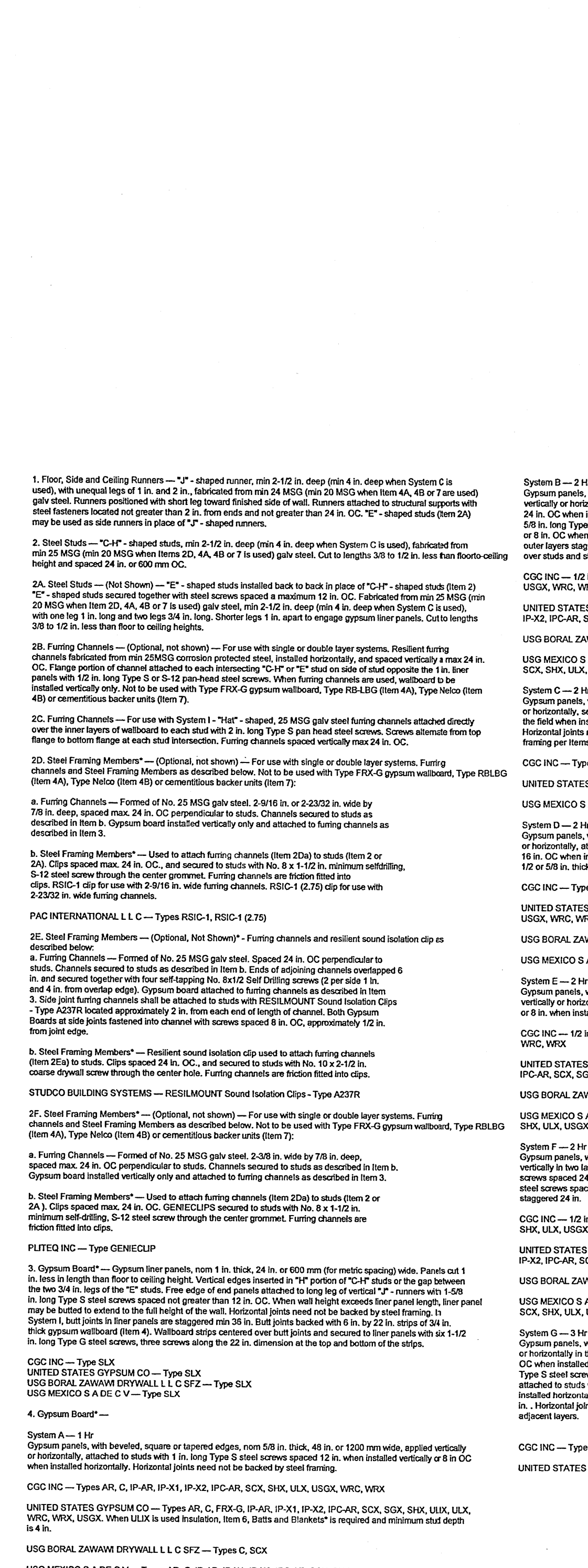
- 13 FIRE INSULATION: PROVIDE FIRE SAFETY INSULATION BETWEEN DECK AND TOP OF WALL TRACK AS NECESSARY. (EQUAL TO FIBREX)
- 14 CHANNEL TRACK: CHANNEL TRACK AT TOP OF WALL, FLUSH TO ROOF. DO NOT ATTACH TO ROOF.
- 15 3 HOUR SHAFT WALL SYSTEM: 4" "E" OR "T" STUD WITH (3) LAYERS OF 5/8" TYPE "X" GYP. BD. ON INTERIOR SURFACE AND 1" SHAFT WALL LINER ON EXTERIOR SIDE INSERTED IN STUD AS ASSEMBLED. (EQUAL TO U.L. DESIGN # U415). REFER TO 4/A4.
- 16 FIRE CAULKING: FIRE CAULK AT WALL PERIMETER EACH SIDE AS NEEDED.



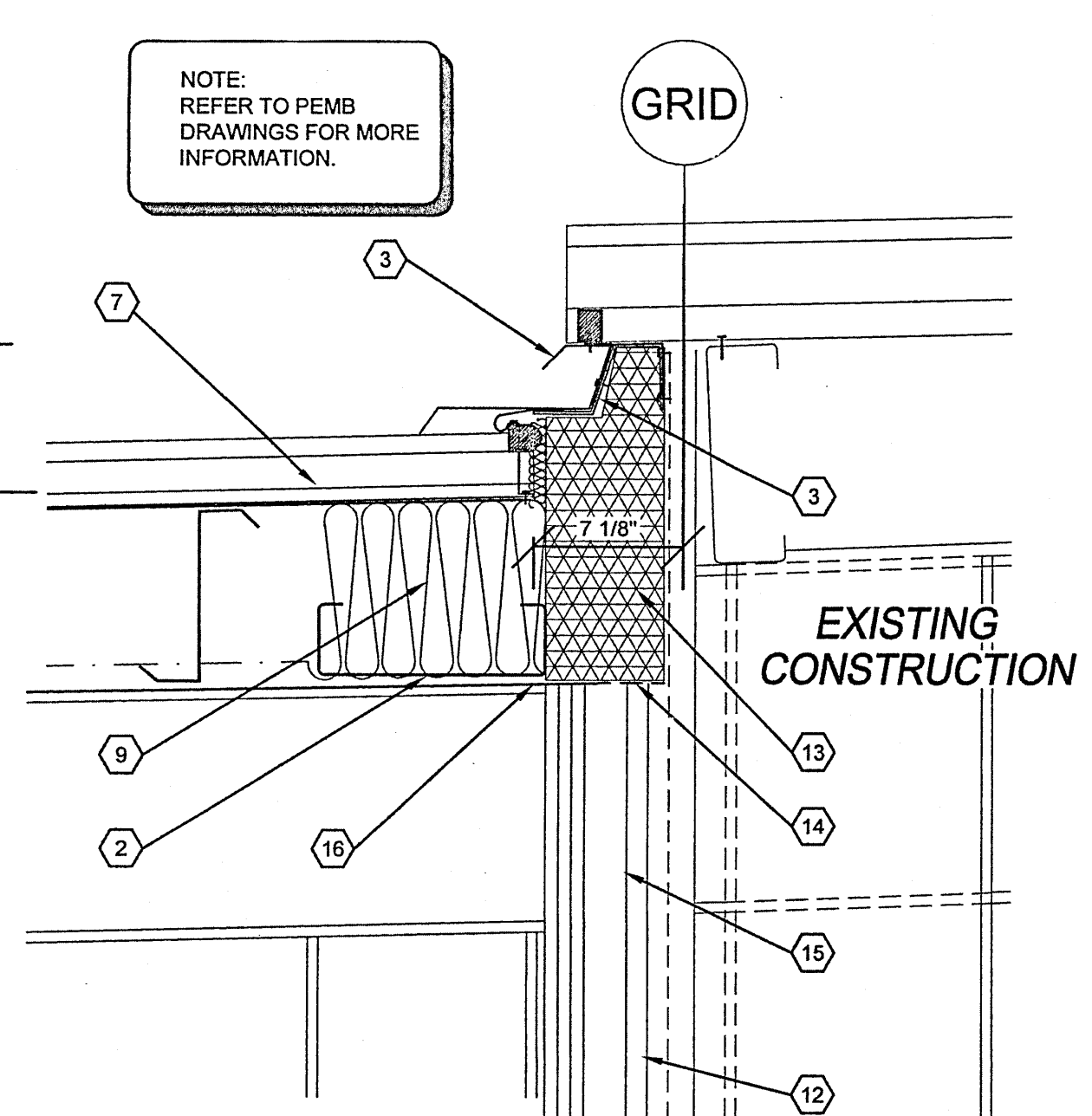
**1 WALL SECTION**  
A4 SCALE: 3/4" = 1'-0"



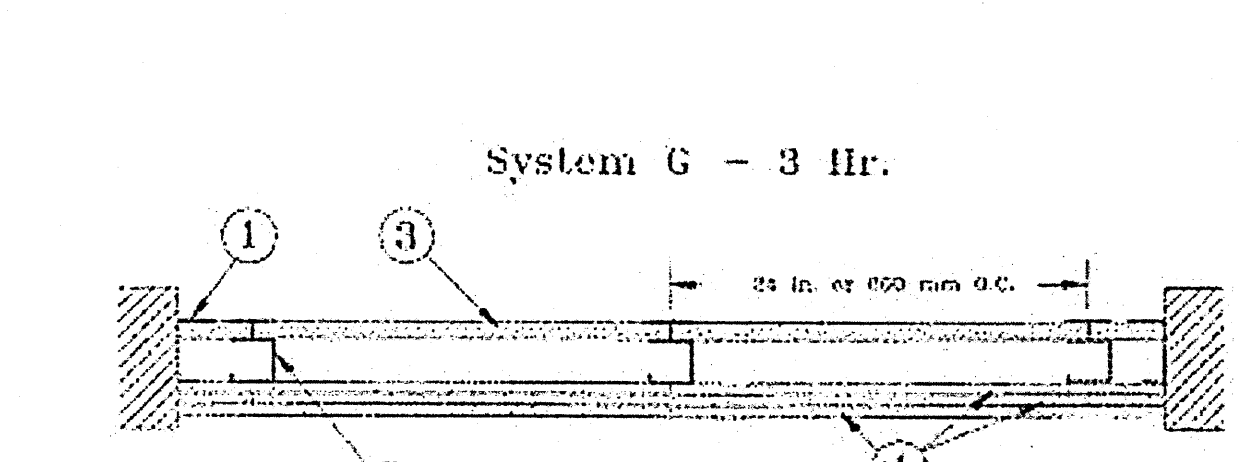
**2 WALL SECTION**  
A4 SCALE: 3/4" = 1'-0"



**4 U.L. #U415**  
A4 SCALE: N.T.S.



**3 WALL SECTION**  
A4 SCALE: 1 1/2" = 1'-0"



Horizontal Section

- 1. Floor, Sill and Ceiling Runners — "F" shaped studs, min 2-1/2 in. deep, min 1/4 in. deep when System C is used, with unequal legs of 1 in. and 2 in., fabricated from min 24 MSG when Item 4A, 4B or 4C are used; galv. steel. Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC. "F" shaped studs (item 2A) may be used as side runners in place of "F" shaped runners.
- 2. Steel Studs — "C" shaped studs, min 2-1/2 in. deep (min 4 in. deep when System C is used), fabricated from min 24 MSG when Item 20, 4A, 4B or 4C are used; galv. steel. Cut to lengths 3/8 to 1/2 in. less than floor/ceiling height and spaced 24 in. or 600 mm OC.
- 3. "E" shaped studs — "E" shaped studs installed back to back in place of "C" shaped studs (item 2). "E" shaped studs secured together with steel screws spaced a maximum 12 in. OC. Fabricated from min 24 MSG when Item 20, 4A, 4B or 4C are used; galv. steel. Cut to lengths 3/8 to 1/2 in. less than floor/ceiling height and spaced 24 in. or 600 mm OC.
- 4. Furring Channels — (Optional, not shown) — For use with single or double layer systems. Resilient furring channels fabricated from min 24 MSG corrosion protected steel, installed horizontally, and spaced vertically a max 24 in. OC. Flange portion of channel attached to each installed "C" or "E" stud on side of stud opposite flange. Inner panels with 1/2 in. long Type 5 or 5-1/2 pan-head steel screws. When furring channels are used, wallboard to be installed vertically only. Not to be used with Type FRX-G gypsum wallboard, Type RB-LSG (item 4A), Type Nitro (item 4B) or cementitious backer units (item 7).
- 5. Steel Framing Members — (Optional, not shown) — For use with single or double layer systems. Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum wallboard, Type RB-LSG (item 4A), Type Nitro (item 4B) or cementitious backer units (item 7).
- 6. Furring Channels — Formed of No. 25 MSG galv. steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max 24 in. OC perpendicular to studs. Channels secured to studs as described in item 3.
- 7. Steel Framing Members — Used to attach furring channels (item 2) to studs (item 2 or 2A). Clips spaced max 24 in. OC, and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center channel. Furring channels are friction fitted into clips. RISC-1 clip for use with 2-9/16 in. wide furring channels. RISC-1 (275) clip for use with 2-23/32 in. wide furring channels.
- 8. Steel Framing Members — (Optional, not shown) — Furring channels and resilient sound isolation clip as described below.
- 9. Furring Channels — Formed of No. 25 MSG galv. steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in item 3. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x12 Self-Drilling Screw (D per side) 1 in. and 4 in. from overlap edge. Gypsum board attached to furring channels as described in item 3.
- 10. Steel Framing Members — Used to attach furring channels (item 2) to studs (item 2 or 2A). Clips spaced max 24 in. OC. Gypsum board attached to furring channels as described in item 3.
- 11. Steel Framing Members — Used to attach furring channels (item 2) to studs (item 2 or 2A). Clips spaced max 24 in. OC. Gypsum board attached to furring channels as described in item 3.
- 12. Steel Framing Members — Used to attach furring channels (item 2) to studs (item 2 or 2A). Clips spaced max 24 in. OC. Gypsum board attached to furring channels as described in item 3.

- System B — 2 Hr  
Gypsum panels, with beveled, square or tapered edges, min 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in three layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically and staggered 12 in. from base layer screws. Middle layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically and staggered 12 in. from base layer screws. Horizontal joints between inner and outer layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.
- System C — 1 Hr  
Gypsum panels, with beveled, square or tapered edges, min 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.
- System D — 1 Hr  
Gypsum panels, with beveled, square or tapered edges, min 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.
- System E — 1 Hr  
Gypsum panels, with beveled, square or tapered edges, min 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.
- System F — 1 Hr  
Gypsum panels, with beveled, square or tapered edges, min 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.
- System G — 3 Hr  
Gypsum panels, with beveled, square or tapered edges, min 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in three layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Middle layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically or 12 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.

- GENERAL NOTES:**
- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
  - B. REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS.
  - C. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR SYSTEM TYPES AND LAY-OUT.
  - D. SHEET METAL FABRICATIONS TO BE INSTALLED PER S.M.A.C.N.A. (SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION) LATEST REVISION.
  - E. DIMENSIONS TO FACE OF STRUCTURE, CONCRETE OR ROUGH FRAMING UNLESS OTHERWISE INDICATED.
  - F. REFER TO FOUNDATION PLAN FOR FOOTINGS, FOUNDATIONS, AND REINF. REQUIREMENTS.
  - G. REFER TO INTERIOR AND EXTERIOR FINISH SCHEDULES FOR MATERIAL FINISH TYPES AND LOCATIONS.
  - H. NOT ALL INSULATION SHOWN FOR CLARITY. INSULATION SHALL HAVE A FLAME SPREAD RATING OF 0-25 AND A SMOKE DEVELOPMENT RATING OF 0-450.

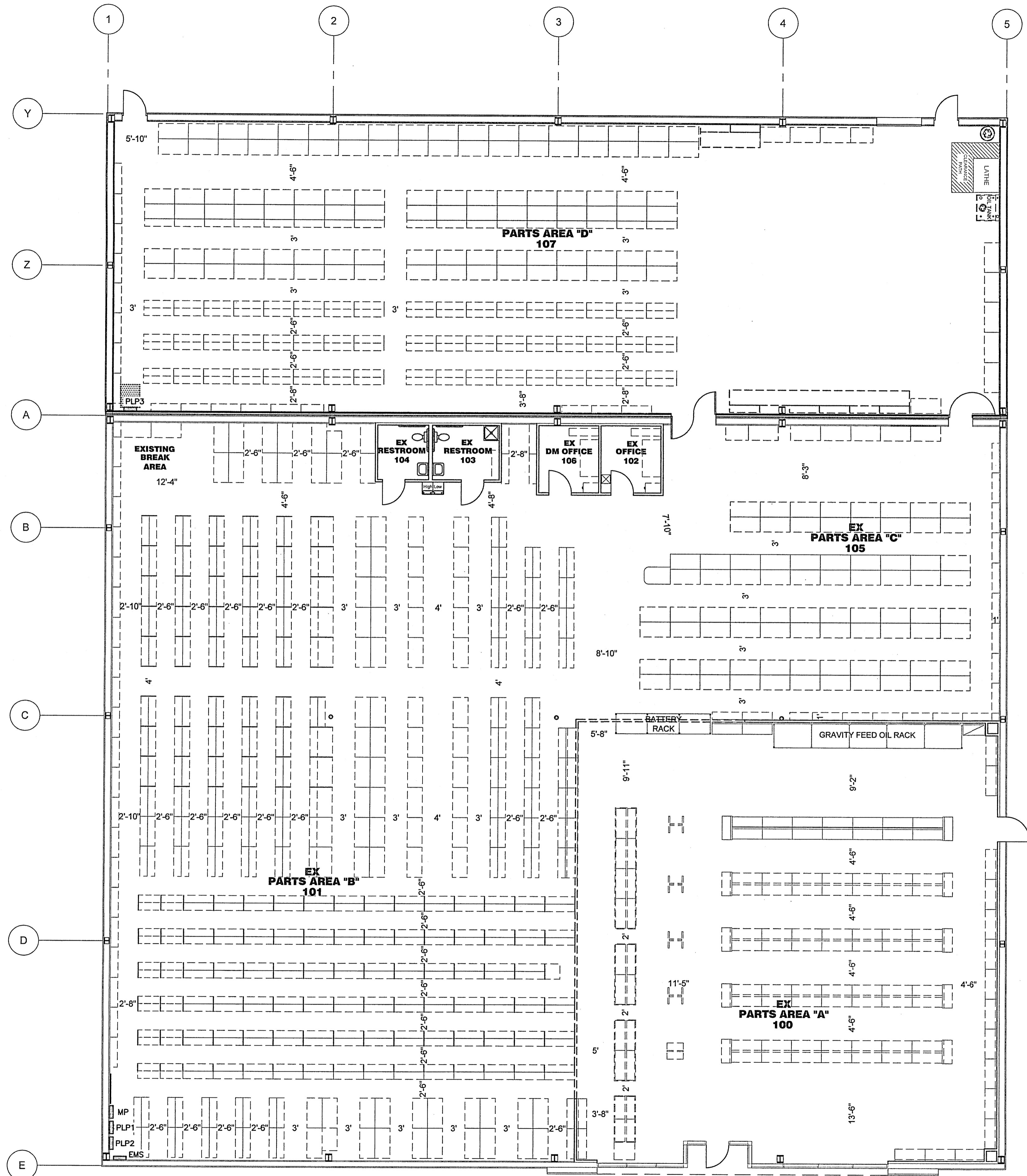
**O'Reilly Auto Parts Store Addition**

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**ARCHITECT**  
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233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

COMM # 3897  
DATE: 8-19-16  
REVISION  
DATE:

A4 of 4



**GENERAL NOTES:**

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. DIMENSIONS TO ROUGH FACE OF FRAMING OR TO FINISH EDGE UNLESS OTHERWISE NOTED.
- C. FIXTURES AND EQUIPMENT ARE FOR REFERENCE ONLY. ( N. I. C. )
- D. MATERIAL SYMBOLS ARE FOR GRAPHIC PURPOSE ONLY AND MAY NOT REFLECT JOINT LAYOUT REQUIREMENTS. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.

FINISH SCHEDULE									
MARK	ROOM	* FLOOR	* BASE	NORTH	EAST	SOUTH	WEST	CEILING	CEILING HEIGHT
100	EX- PARTS AREA ( A )	EX	EX	EX	EX	EX	EX	EX	EC
101	EX- PARTS AREA ( B )	EX	N/A	EX	EX	EX	EX	EX	VARIES
102	EX- OFFICE	EX	EX	EX	EX	EX	EX	EX	EC
103	EX- RESTROOM	EX	EX	EX	EX	EX	EX	EX	EC
104	EX- RESTROOM	EX	EX	EX	EX	EX	EX	EX	EC
105	EX- PARTS AREA ( C )	EX	N/A	EX	EX	EX	EX	EX	EC
105	PARTS AREA ( D )	F2	N/A	W-2	W-6	W-2	W-2	N/A	VARIES

(\* REFER TO FINISH LEGEND FOR DETAILS)

EX: EXISTING FINISH TO REMAIN, PROTECT AS REQUIRED.

EC: EXISTING CEILING TO REMAIN, PATCH TO MATCH EXISTING WHERE AFFECTED BY DEMOLITION WORK.

W-1: NOT USED

W-2: WHITE OR LIGHT STONE COLORED METAL LINER PANEL PER BUILDING MANUFACTURER

W-3: NOT USED

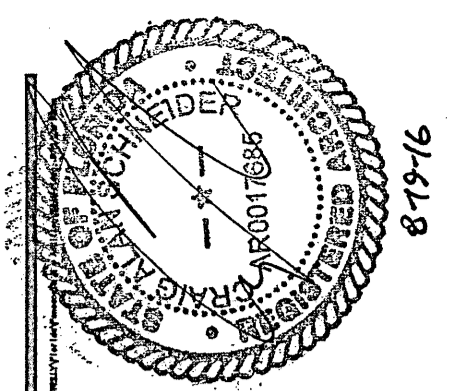
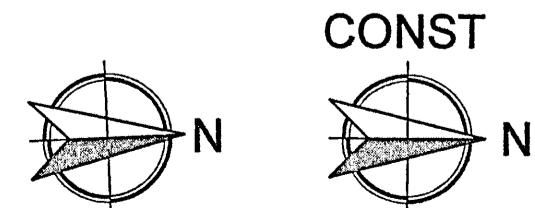
W-4: NOT USED

W-5: NOT USED

W-6: PAINT (2) COATS "NAVAJO WHITE" SW6126 BY (SHERWIN WILLIAMS) : SEMI GLOSS

FINISH LEGEND	
□	F-2: SEALED CONCRETE

**1 FINISH PLAN**  
F1 SCALE: 1/8" = 1'-0"

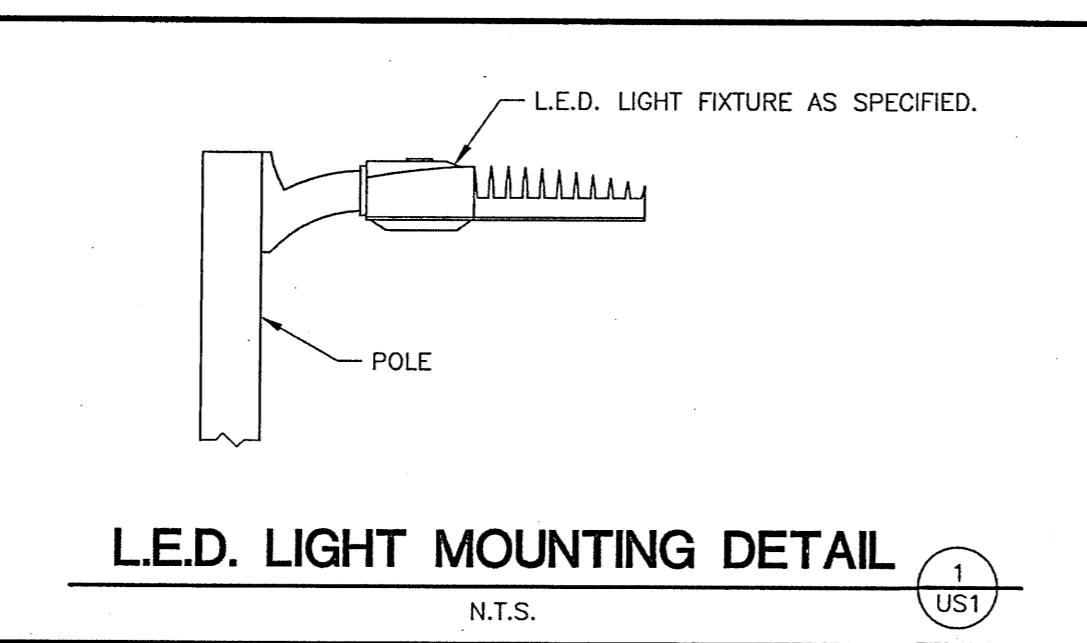
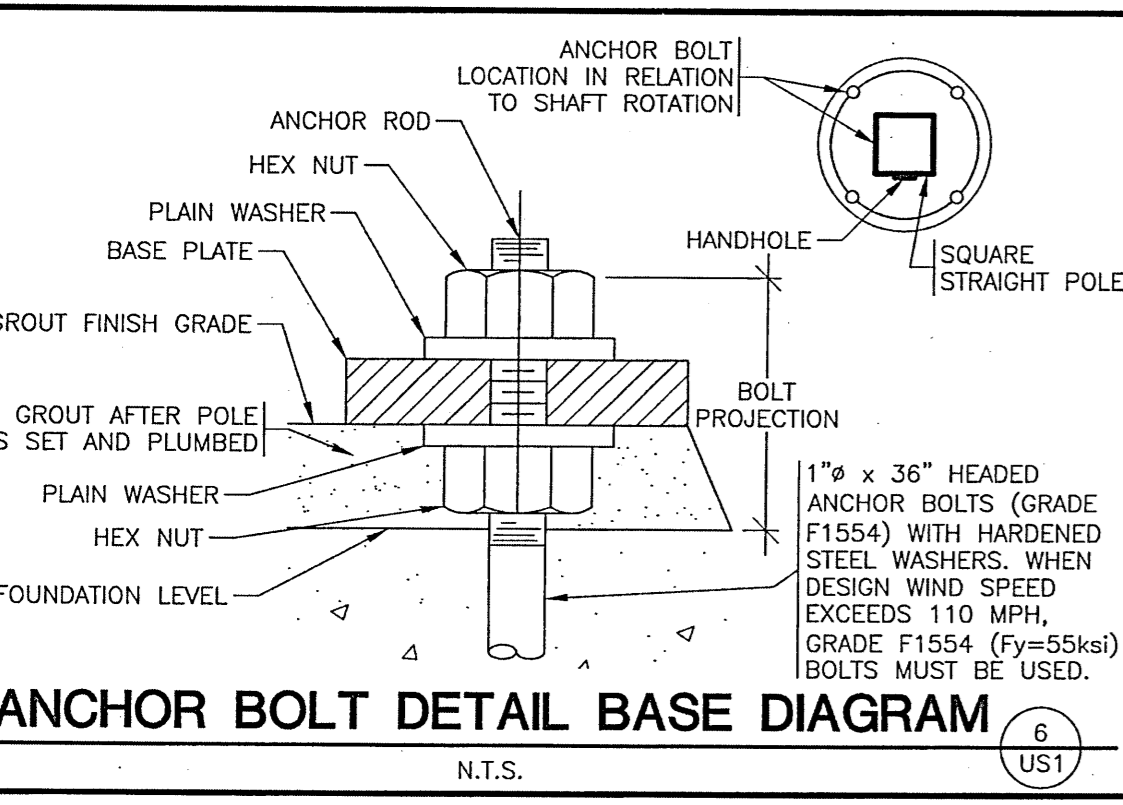
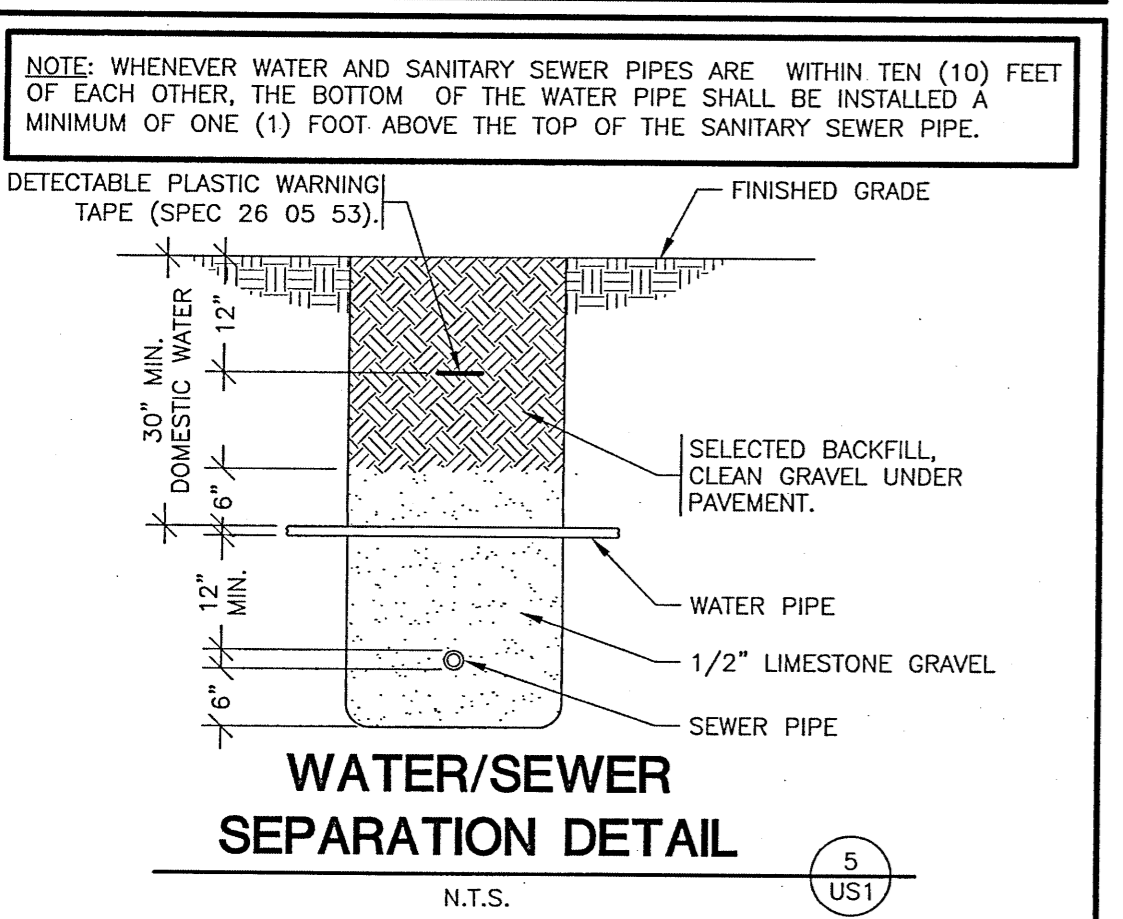
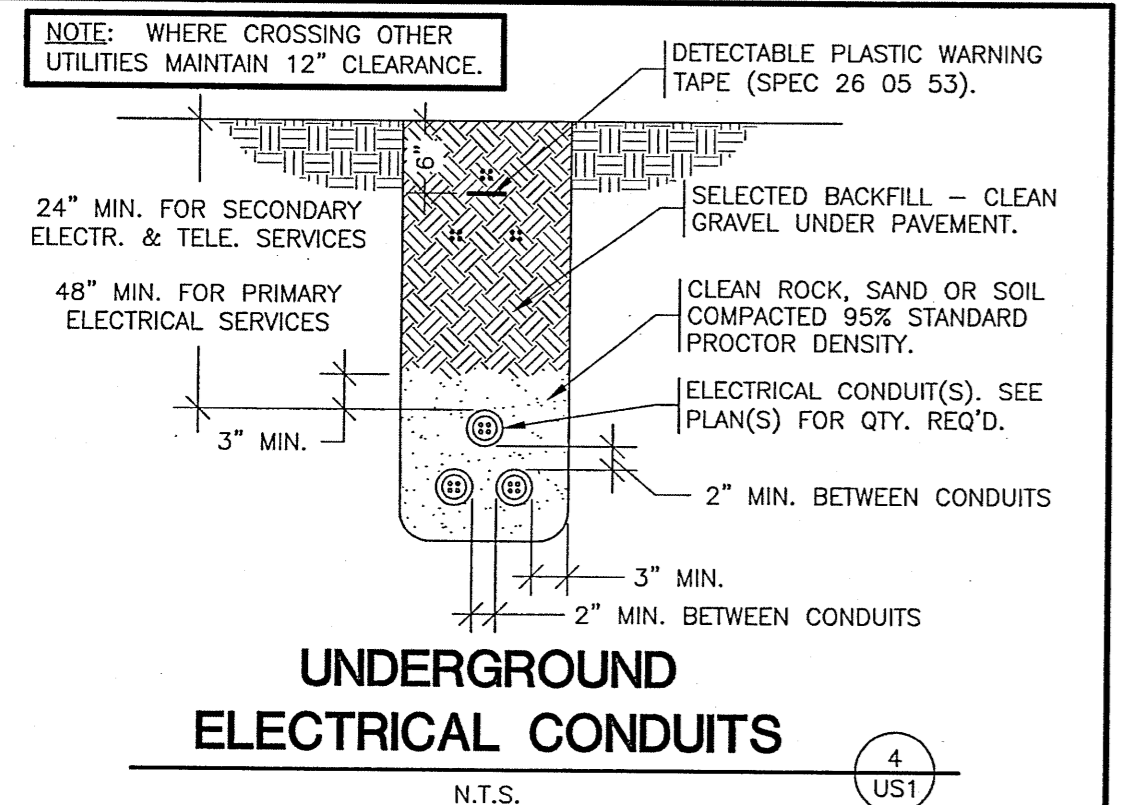
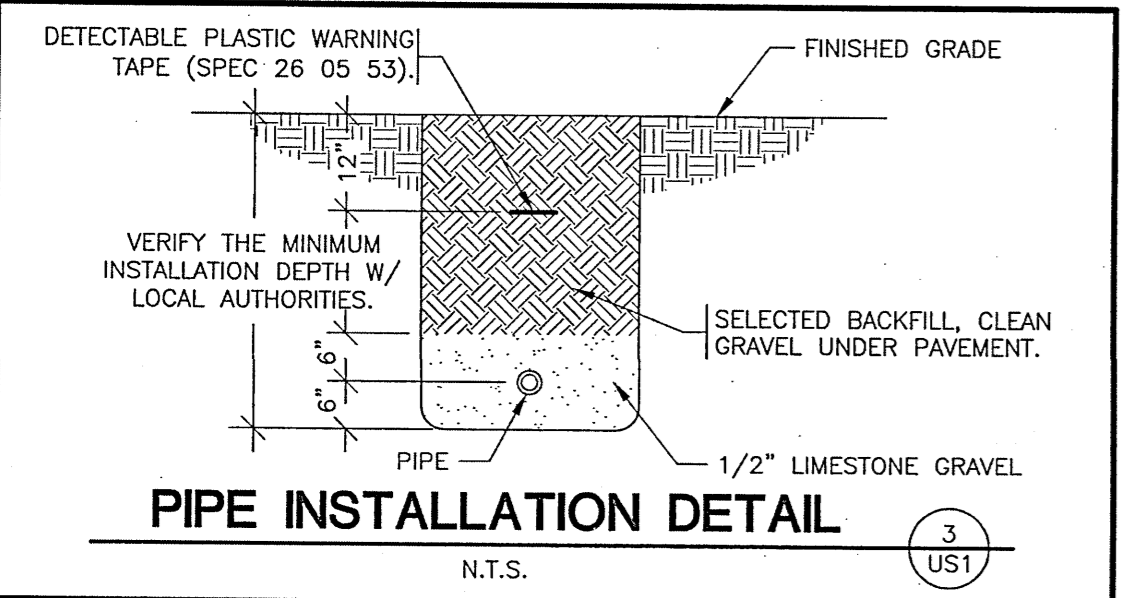
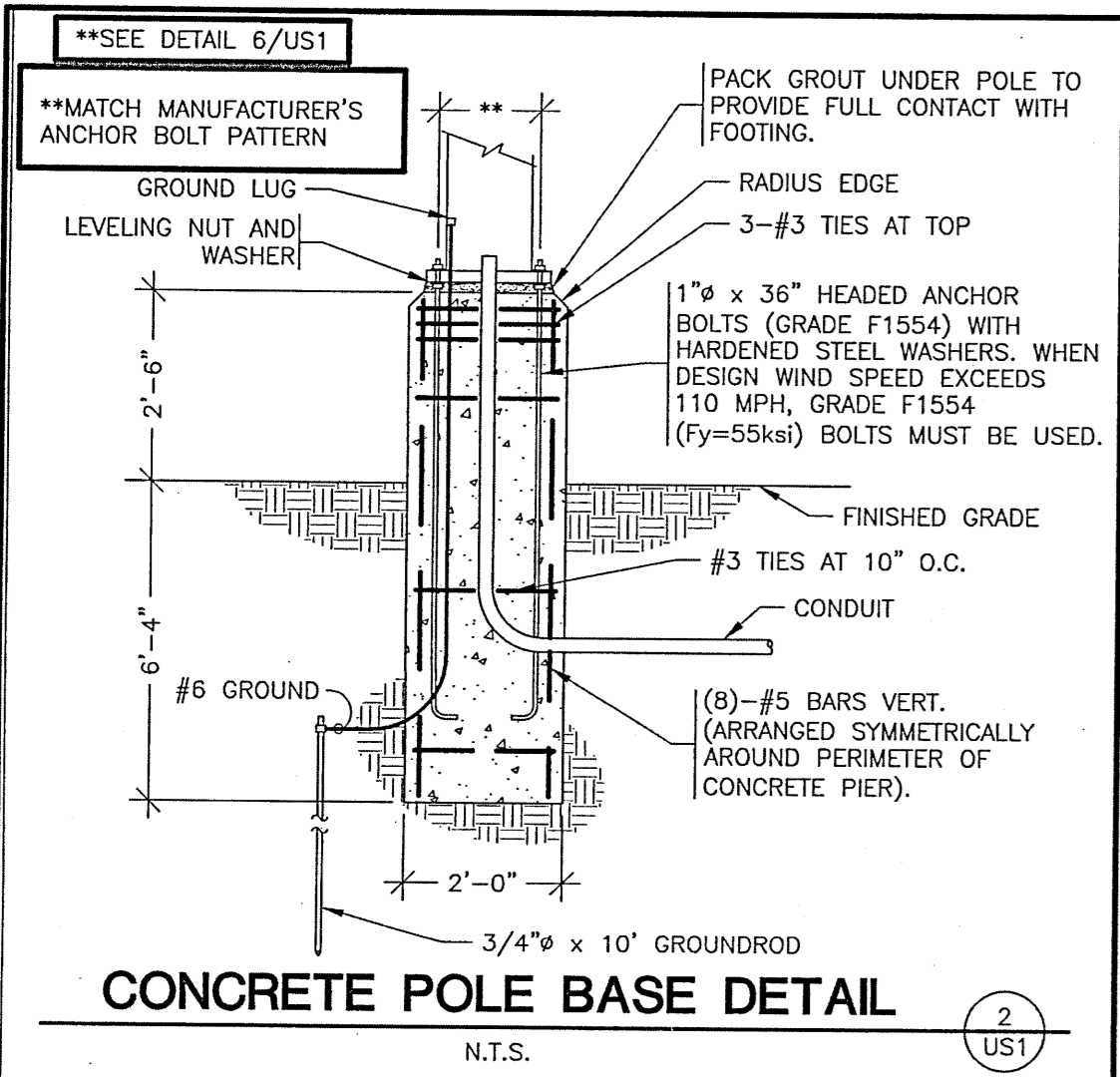


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SPRINGFIELD, MISSOURI 65802  
417-862-2874 PHONE

COMM # 3897  
DATE: 8-19-16  
REVISION  
DATE:

RECEIVED  
AUG 19 2016  
1238 E. SUNSHINE ST., SUITE 417  
SPRINGFIELD, MO.



**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.

- 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.

**UTILITIES CONTACTS:**

WATER: EMERALD COAST UTILITY AUTHORITY, WENDELL KUTZER, 950-476-2110  
ELECTRIC: GULF POWER, HAROLYN GOBERT, 850-429-2630  
A.T.&T., STEVE KENNINGTON, 850-823-2350  
SEWER: EMERALD COAST UTILITY AUTHORITY, WENDELL KUTZER, 950-476-2110

**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	
S	SANITARY SEWER	
OHE	OVERHEAD ELECTRIC	
OHT	OVERHEAD TELEPHONE	
GS	GAS SERVICE (BY GAS CO.) SAW CUT	
BORE	BORE	
GRAVEL	GRAVEL	

**STATE OF FLORIDA LIMITATION**

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

NORMAN E. GOETH (DATE) **8-19-16**

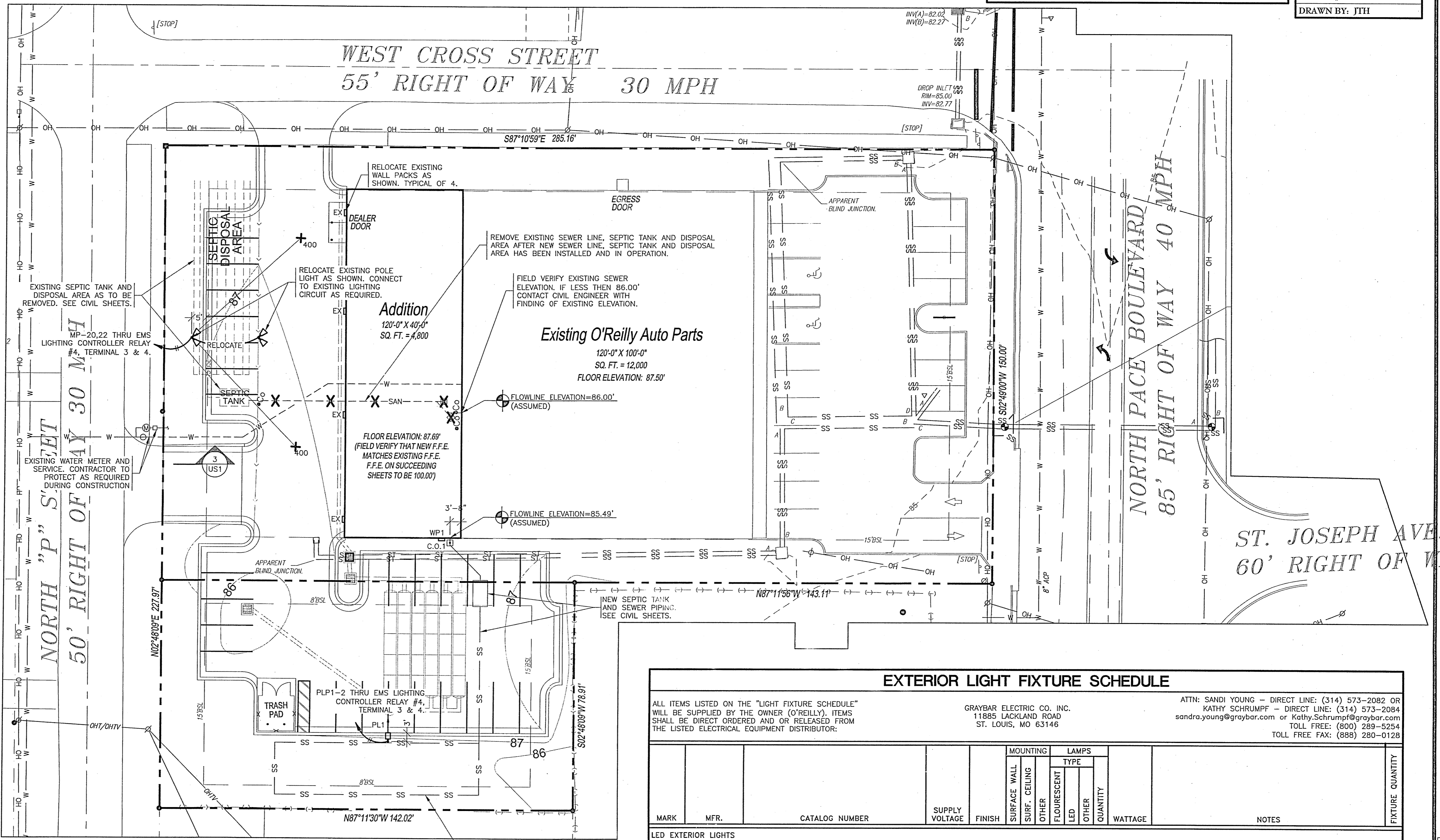
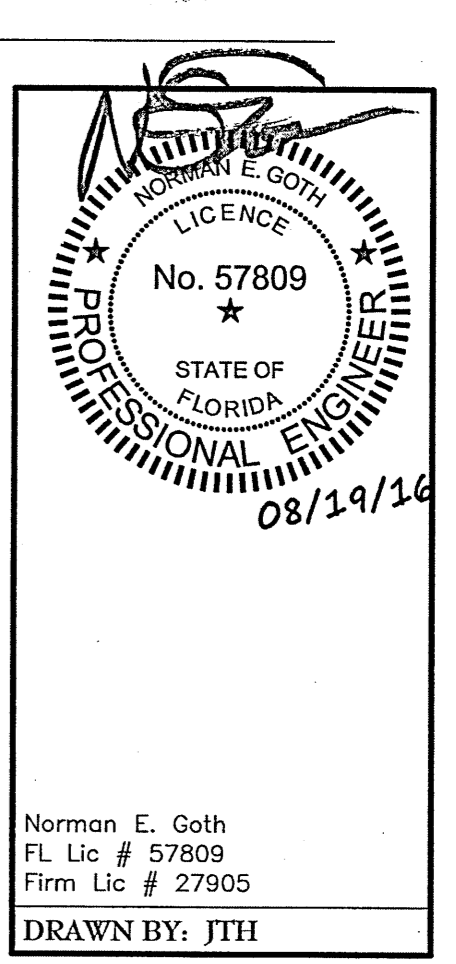
LICENSE RENEWAL DATE IS FEBRUARY 28, 2017

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Norman E. Goeth  
FL Lic # 57809  
Firm Lic # 27905  
DRAWN BY: JTH



**EXTERIOR LIGHT FIXTURE SCHEDULE**

ALL ITEMS LISTED ON THE "LIGHT FIXTURE SCHEDULE" WILL BE SUPPLIED BY THE OWNER (O'REILLY). ITEMS 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

MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	MOUNTING		LAMPS		WATTAGE	NOTES	FIXTURE QUANTITY
					SURFACE WALL	OTHER	TYPE	OTHER			
<b>LED EXTERIOR LIGHTS</b>											
WP1	GE EVOLVE	EWNA-0-C4-5-40-1-DKBZ NO SUBSTITUTIONS	120	DARK BRONZE	X		X		85	FULL CUT-OFF. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATIONS.	1
<b>LED POLE LIGHTS</b>											
PL1	GE EVOLVE	EASC-0-G4-5-40-1-A-DKBZ SECURITY LIT. SSS-25-50-1-A2-0B-LAB (DRILLED FOR 1 LGT.)	120	DARK BRONZE		X	X		156	25' POLE LENGTH, ADVANCE BALLASTS, FULL CUT-OFF, NO SUBSTITUTIONS. ANCHOR BOLTS W/HARDWARE & TEMPLATE.	1

FIXTURE QUANTITY TO BE VERIFIED WITH SITE PLAN QUANTITY

**STOP-CALL BEFORE YOU DIG!**

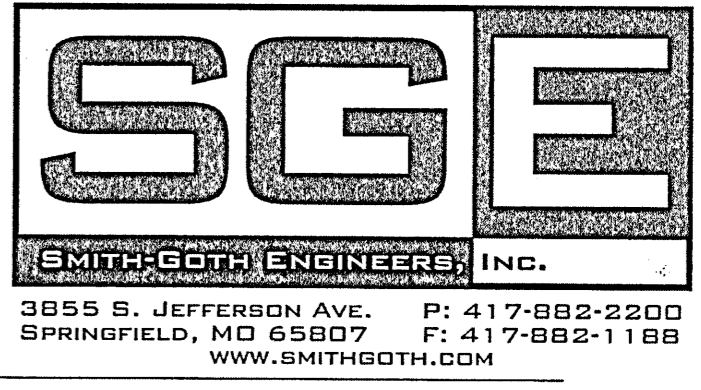
**811**

**CONST.**

**UTILITIES SITE PLAN**

SCALE: 1" = 20'-0"

N N



**CRAIG A. SCHNEIDER, AIA**  
ARCHITECT

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**O'Reilly AUTO PARTS**

233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
417-862-2674 PHONE

2601 NORTH PACE BLVD.  
PENSACOLA, FL  
(PENSACOLA #1)

COMM # 3897

DATE: 08-19-16

REVISION DATE:

US1 of 1

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