



SHEETS BEARING THIS SEAL ARE
AUTHENTICATED. RESPONSIBILITY FOR
ALL OTHER PLANS, SPECIFICATIONS
OR INSTRUMENTS ARE DISCLAIMED.

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS 75110

FLOOR PLAN

Buddy Webb & Company, Inc.
Architect - Consultant
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SPRINGFIELD, MISSOURI 65802
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DRAWN BY:
MEC

CHECKED BY:
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DATE:
07/19/24

REVISION:

PROJECT NUMBER:
CR2

SHEET NUMBER

A1.1

GENERAL NOTES

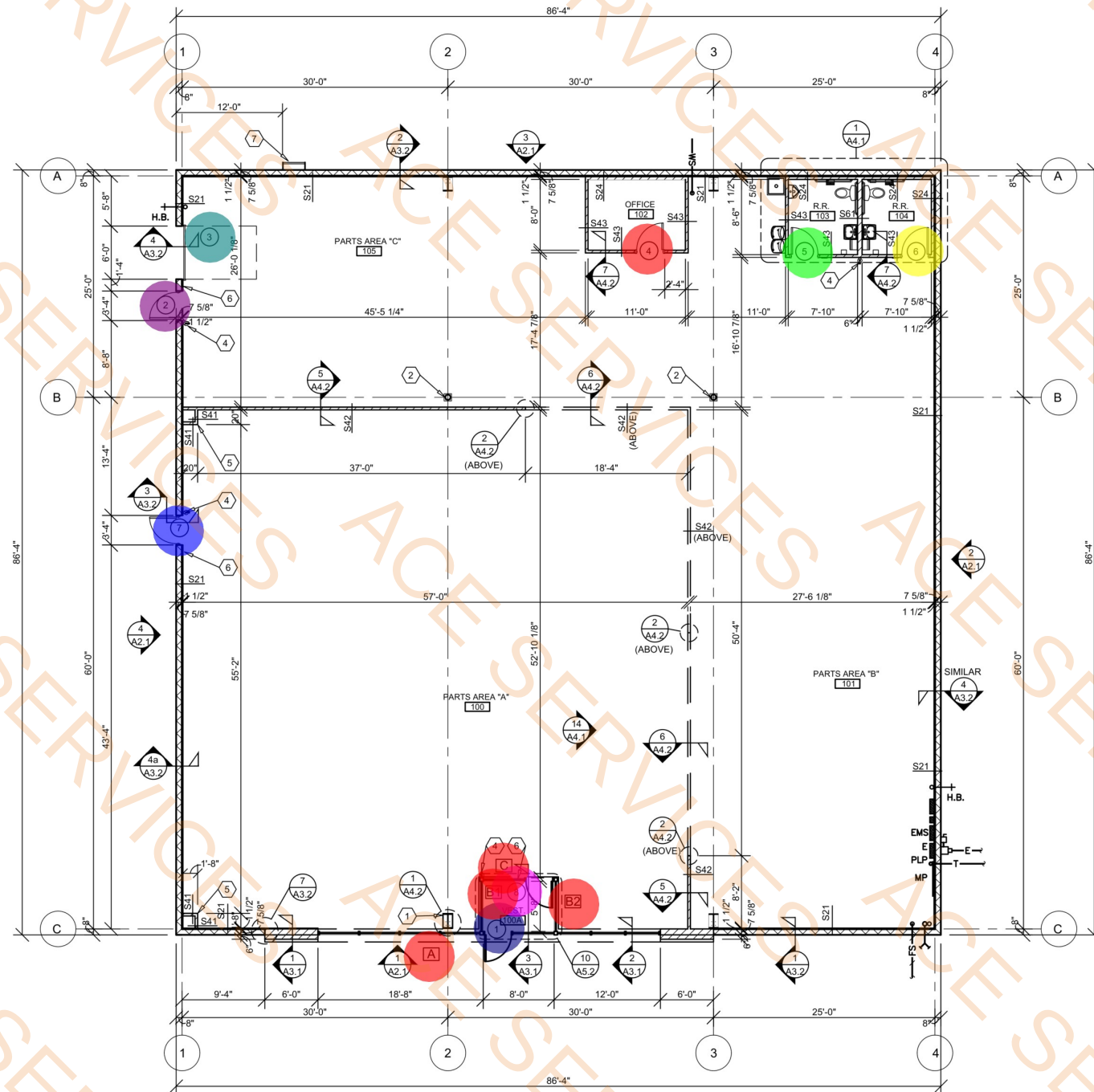
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- ALL DIMENSIONS TO ROUGH FACE OF ROUGH FRAMING, CONCRETE, MASONRY OR CENTERLINE OF STRUCTURE, UNLESS OTHERWISE NOTED. COLD FORM METAL STUD INTERIOR PARTITION DIMENSIONS 3-5/8" UNLESS OTHERWISE INDICATED AND NOT SHOWN FOR CLARITY.
- REFER TO EXTERIOR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

KEY NOTES

- CONCEALED STEEL COLUMN, REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS. PROVIDE SHEET METAL COVER WITH NO EXPOSED HORIZONTAL SEAMS. FINISH TO MATCH WINDOW FRAMING.
- EXPOSED STEEL COLUMN, REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS. (PAINT W-3, REFER INTERIOR FINISH SCHEDULE).
- (NOT USED)
- SURFACE MOUNTED PORTABLE FIRE EXTINGUISHER, REFER TO DETAIL 10/A4.2.
- SHOWROOM CORNER WALL BOX OUT. INSTALL 5/8" FIRE TREATED PLYWOOD BACKING TO BACK SIDE OF STUD INTERIOR FLANGE ON EACH EXPOSED WALL FACE FROM 8'-0" TO 10'-0" A.F.F. FOR INSTALLATION OF SECURITY MIRRORS. REFER TO 4/A4.2 (TYPICAL).
- TACTILE EXIT SIGN AT EXIT DISCHARGE DOOR STATING "EXIT" WITH BRAILLE (GRADE 2 CONTRACTED) LETTERING. SIGN CONSTRUCTION AND LOCATION TO COMPLY WITH ANSI A117.1. MOUNT 48" MINIMUM ABOVE FINISH FLOOR TO BOTTOM OF LOWEST TACTILE CHARACTER AND 60" MAXIMUM ABOVE FINISH FLOOR TO BOTTOM OF HIGHEST TACTILE CHARACTER.
- ROOF ACCESS LADDER. REFER TO EXTERIOR FINISH SCHEDULE.

INTERIOR WALL & CEILING NOTES

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

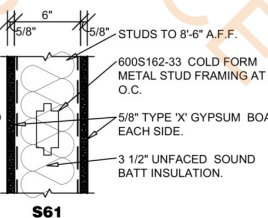
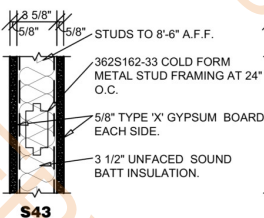
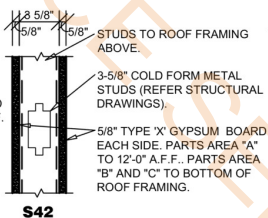
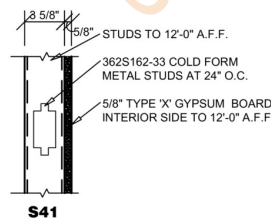
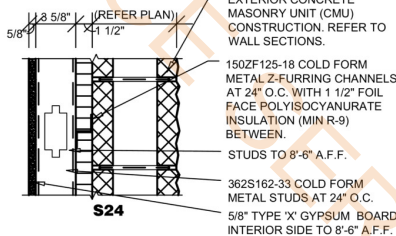
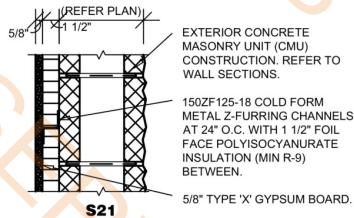


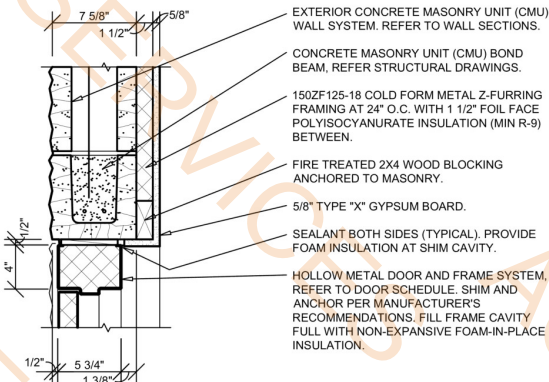
1 FLOOR PLAN

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

INTERIOR WALL TYPES

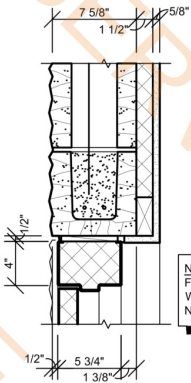
(SCALE 1 1/2" = 1'-0")





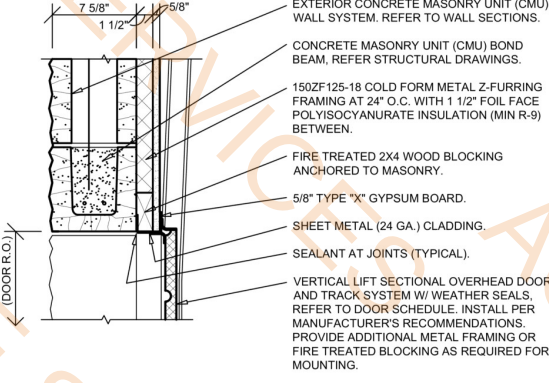
1 HEAD DETAIL

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



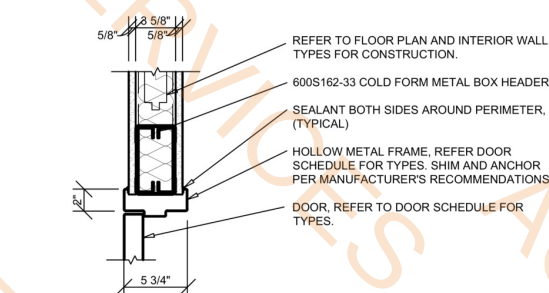
3 HEAD DETAIL

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



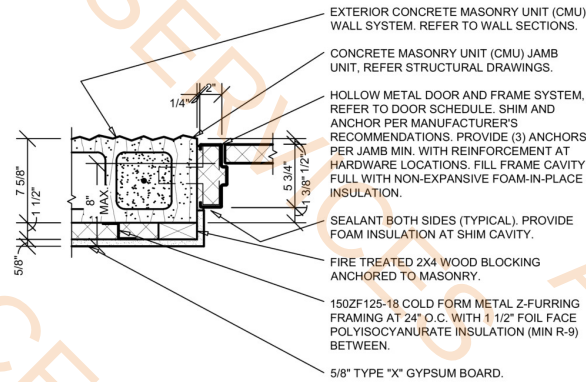
5 HEAD DETAIL

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



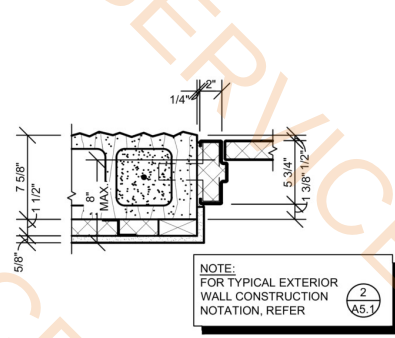
7 HEAD DETAIL

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



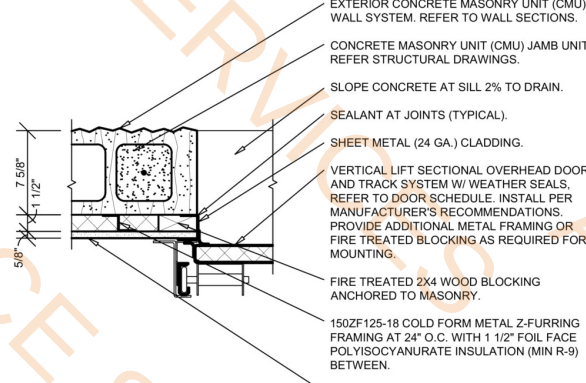
2 JAMB DETAIL

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



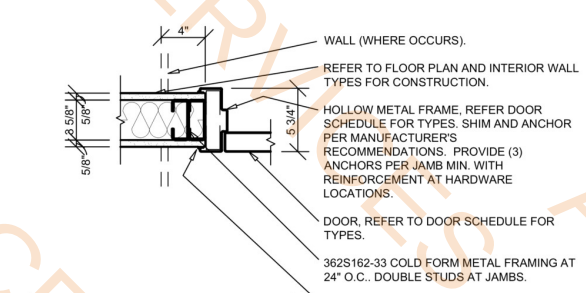
4 JAMB DETAIL

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



6 JAMB DETAIL

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



8 JAMB DETAIL

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

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

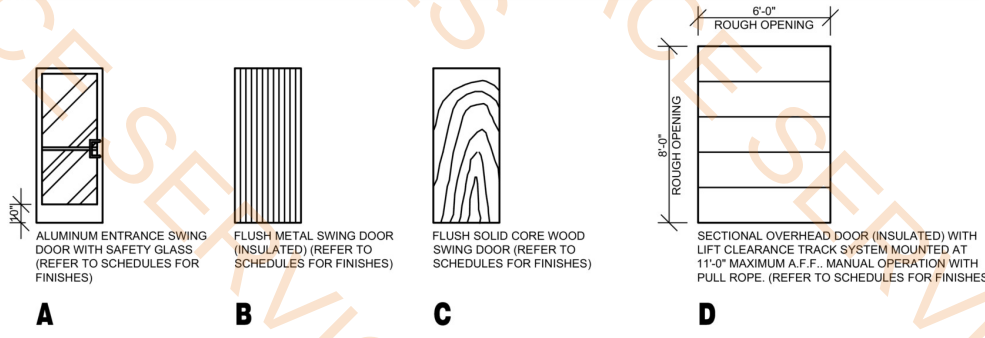
NOTES:
1. ALL DOORS SHALL BE SHOP PREPARED FOR HARDWARE.
2. ALL EXTERIOR DOORS TO BE KEYED ALIKE. CONTRACTOR TO FIELD VERIFY AND MATCH CORE OF DOOR MARKED "2".
3. EXTERIOR DOOR, FRAME AND HARDWARE OWNER FURNISHED AND CONTRACTOR INSTALLED. REFER TO SCOPE OF WORK SCHEDULE.
4. CONTRACTOR'S OPTION TO PURCHASE INTERIOR DOORS, FRAMES, AND HARDWARE THROUGH PREFERRED VENDOR. REFER TO SCOPE OF WORK SCHEDULE.
5. PROVIDE SIGN POSTED ON EGRESS SIDE ADJACENT TO DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED". SIGN CONSTRUCTION TO BE NON-GLARE 1" HIGH WHITE LETTERING ON CONTRASTING BLUE BACKGROUND. LOCATION TO COMPLY WITH ANSI A117.1. MOUNT 48" MINIMUM ABOVE FINISH FLOOR TO BOTTOM OF LOWEST CHARACTER AND 60" MAXIMUM ABOVE FINISH FLOOR TO BOTTOM OF HIGHEST CHARACTER.

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

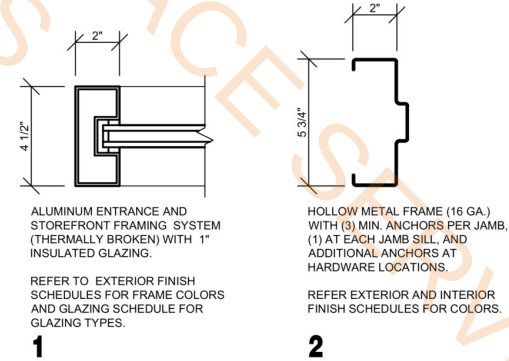
DOOR TYPES

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



FRAME TYPES

(SCALE 3" = 1'-0")



Set No. 1	1.0 EA
Set No. 2	1.0 EA
Set No. 3	1.0 EA
Set No. 4	1.0 EA
Set No. 5	2.0 EA
Set No. 63 Hinges: E...	1.0 EA
Set No. 7	1.0 EA

DOOR HARDWARE SCHEDULE

GENERAL HARDWARE NOTES:

- ALL HINGED DOOR HARDWARE TO BE COMPLIANT WITH ADA STANDARDS AND GOVERNING ACCESSIBILITY CODES.
A. OPERATIONAL FORCE TO RETRACT LATCHES OR DISENGAGE DEVICES THAT HOLD DOORS IN CLOSED POSITION SHALL BE AS FOLLOWS:
(1) HARDWARE OPERATION BY A FORWARD, PUSHING, OR PULLING MOTION: 15 POUNDS MAXIMUM.
(2) HARDWARE OPERATION BY A ROTATIONAL MOTION: 28 INCH-POUNDS MAXIMUM.
B. HEIGHT OF OPERABLE PARTS SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE FLOOR.
C. CLOSING SPEEDS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECONDS MINIMUM.
D. OPENING FORCE FOR FIRE DOORS, DOORS REQUIRED TO BE EQUIPPED WITH PANIC HARDWARE, BREAK AWAY FEATURES, OR OTHER FACTORS REQUIRING HIGHER OPENING FORCE FOR SAFETY REASONS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY AUTHORITIES HAVING JURISDICTION. FOR OTHER DOORS THE FORCE FOR PUSHING OR PULLING SHALL BE AS FOLLOWS:
(1) INTERIOR HINGED DOORS: 5.0 POUNDS MAXIMUM.
- VERIFY COMPATIBILITY OF HARDWARE SPECIFIED. NOTIFY ARCHITECT OF INCOMPATIBILITY ISSUES PRIOR TO ORDERING AND INSTALLATION.

SET NO. 1 (DR. 1)

- 1 CYLINDER: 20-062 X 626 - "E" KEYWAY (REMOVABLE CORE).....SCHLAGE
(FOLLOWING REQUIRED HARDWARE FURNISHED WITH WINDOW FRAMING DOOR SYSTEM)
1 PAIR OFFSET PIVOTS: 195/180 X 626.....RIXON
1 DEADLOCK: MS18505 X 628.....ADAMS RITE
1 DEADLOCK LEVER (WITH "LOCKED" AND "OPEN" INDICATOR): 4550MS X 628.....ADAMS RITE
1 STRIKE: MS4002 X 628.....ADAMS RITE
1 SET PUSH / OFFSET PULL: CO-12 X CP-II X 626.....KAWNEER
1 CLOSER: 4040XP-3077-18TJ-TB X 689.....LCN
1 SET PERIMETER GASKETS: 027078 (POLYMERIC BULB) X LENGTH REQUIRED.....KAWNEER
1 SWEEP: 200799 X 689 X LENGTH REQUIRED.....KAWNEER
1 THRESHOLD: 069139 X 689 X LENGTH REQUIRED (OFFSET PIVOT COMPATIBLE) (ANSI & ADA COMPLIANT).....KAWNEER

SET NO. 2 (DR. 2)

- 1 CONTINUOUS HINGE: 780-112HD X 628 X LENGTH REQUIRED.....HAGER
1 CYLINDER: 20-057 X 626 - "E" KEYWAY (REMOVABLE CORE).....SCHLAGE
PROVIDE (2) SECURITY KEYS, (1) CORE KEY, (1) BITTED.....SCHLAGE
1 EXIT PANIC LOCK: 9300B X 486 X 689 X PR303 X 630.....DORMAKABA
(THROUGH SEX BOLT MOUNTING).....DORMAKABA
1 CLOSER: 0616DST X FC X SNB1 X 689.....DORMAKABA
(THROUGH SEX BOLT MOUNTING).....DORMAKABA
1 SET PERIMETER GASKETS: 12002 X 1116 X LENGTH REQUIRED.....SCHLEGEL
1 LATCH GUARD: LG100Z/SF X 663 (STRAIGHT W/ PIN AND SEX BOLTS).....LATCHGUARD
1 DOOR VIEWER: 698-190 X 626.....IVES
1 KICK PLATE: 190S X 8" X 34" X 630.....HAGAR
1 DOOR BOTTOM SEAL: 31321 X 689 X LENGTH REQUIRED.....GLOBAL
1 THRESHOLD: 31206 X 689 X LENGTH REQUIRED.....GLOBAL

SET NO. 3 (DR. 3)

- REQUIRED HARDWARE FURNISHED WITH OVERHEAD DOOR SYSTEM (LOCKING FROM INSIDE ONLY)

SET NO. 4 (DR. 4)
3 HINGES: BB1279 X 4 1/2" X 4 1/2" X 626.....HAGER
1 OFFICE LOCK (LEVER HANDLE): AU5307LN X 626.....YALE
1 WALL BUMPER: 409 X 626.....ROCKWOOD

SET NO. 5 (DR. 5, 6)
3 HINGES: BB1279 X 4 1/2" X 4 1/2" X 626.....HAGER
1 PRIVACY LOCK (LEVER HANDLE): AU5302LN X 626.....YALE
1 WALL BUMPER: 409 X 626.....ROCKWOOD

SET NO. 6 (DR. 7)
3 HINGES: ECBB1100 X 4 1/2" X 4 1/2" X 626 X NRP.....HAGER
1 EXIT ONLY PANIC LOCK: 8300B X 486 X 689.....DORMAKABA
1 CLOSER: 5300MLT X FC X SX2 X 689 (THROUGH SEX BOLT MOUNTING).....HAGER
1 SET PERIMETER GASKETS: 12002 X 1116 X LENGTH REQUIRED.....SCHLEGEL
1 LATCH GUARD: LG100Z/SF X 663 (STRAIGHT W/ PIN AND SEX BOLTS).....LATCHGUARD
1 DOOR BOTTOM SEAL: 31321 X 689 X LENGTH REQUIRED.....GLOBAL
1 THRESHOLD: 31206 X 689 X LENGTH REQUIRED.....GLOBAL

SET NO. 7 (DR. 8)
(FOLLOWING REQUIRED HARDWARE FURNISHED WITH WINDOW FRAMING DOOR SYSTEM)
1 PAIR OFFSET PIVOTS: 195/188 X 626.....RIXON
1 SET PUSH / OFFSET PULL: CO-12 X CP-II X 626.....KAWNEER
1 CLOSER: 4040XP-3077-18TJ-TB X 689.....LCN
1 SET PERIMETER GASKETS: 027078 (POLYMERIC BULB) X LENGTH REQUIRED.....KAWNEER

GENERAL NOTES

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



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NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSIKANA, TEXAS 75110
DOOR SCHEDULE

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DRAWN BY: MEC
CHECKED BY: SB
DATE: 07/19/24
REVISION:
PROJECT NUMBER: CR2
SHEET NUMBER

A5.1

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.					SOURCEONE SOLUTIONS 4341 GREEN ASH DRIVE EARTH CITY, MO 63045					SOURCEONE SOLUTIONS O'REILLY TEAM EMAIL: ncoreilly@sourceonesolutions.com PHONE: 314-499-6400							
MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	MOUNTING				LAMPS			WATTAGE	DESCRIPTION OF ACCESSORIES	NOTES	FIXTURE QUANTITY		
					LAY-IN	RECESSED	SURFACE WALL	SURF. CEILING	OTHER	FLUORESCENT	LED					OTHER	LAMP QUANTITY
LED DIMMABLE LIGHTS - ALL INDOOR LIGHT FIXTURES SHALL HAVE DISCONNECTING MEANS TO COMPLY WITH NEC 410.130(G)																	
A	SAYLITE	SOSN-FR-96L-Q46W6600L-DMV-40K-ORY NO SUBSTITUTIONS	120	WHITE				X		X			---	46	GRID HANGER (2 PER FIXTURE)	GRID HANGER (OAPGH) (CEILING GRID ONLY). 0-10 VOLT DIMMING DRIVER STANDARD	49
B	SAYLITE	SOSN-FR-48L-Q23W3300L-DMV-40K-ORY NO SUBSTITUTIONS	120	WHITE				X		X			---	23	GRID HANGER (2 PER FIXTURE)	GRID HANGER (OAPGH) (CEILING GRID ONLY). 0-10 VOLT DIMMING DRIVER STANDARD.	14
C	SAYLITE	SOSN-FR-96L-Q46W6600L-DMV-40K-ORY NO SUBSTITUTIONS	120	WHITE					X	X			---	46	CH55 - 5' CHAIN HANGING KIT (1 KIT HAS 2 CHAINS & 2 V HOOKS)	HANG TOP OF FIXTURES AT 12" A.F.F WITH CHAIN HANGERS & 2 V HOOKS. VERIFY LENGTH OF CHAIN REQUIRED. 0-10 VOLT DIMMING, DRIVER STANDARD	26
D	SAYLITE	SOSN-FR-48L-Q23W3300L-DMV-40K-ORY NO SUBSTITUTIONS	120	WHITE					X	X			---	23	CH55 - 5' CHAIN HANGING KIT (1 KIT HAS 2 CHAINS & 2 V HOOKS)	HANG TOP OF FIXTURES AT 12" A.F.F WITH CHAIN HANGERS & 2 V HOOKS. VERIFY LENGTH OF CHAIN REQUIRED. 0-10 VOLT DIMMING, DRIVER STANDARD	11
LED DIMMABLE LIGHTS (EMERGENCY BATTERY PACK)																	
AE	SAYLITE	SOSN-FR-96L-Q46W6600L-DMV-40K-ORY-EM NO SUBSTITUTIONS	120	WHITE					X		X		---	46	GRID HANGER (2 PER FIXTURE)	GRID HANGER (OAPGH) (CEILING GRID ONLY). 0-10 VOLT DIMMING DRIVER STANDARD. 10W EMERGENCY BATTERY PACK INSTALLED (EM10). INSTALL UNSWITCHED POWER SOURCE TO EACH FIXTURE. SEE DIAGRAM 1/E1	3
CE	SAYLITE	SOSN-FR-96L-Q46W6600L-DMV-40K-ORY-EM NO SUBSTITUTIONS	120	WHITE					X		X		---	46	CH55 - 5' CHAIN HANGING KIT (1 KIT HAS 2 CHAINS & 2 V HOOKS)	HANG TOP OF FIXTURES AT 12" A.F.F WITH CHAIN HANGERS & 2 V HOOKS. VERIFY LENGTH OF CHAIN REQUIRED. 0-10 VOLT DIMMING, DRIVER STANDARD 10W EMERGENCY BATTERY PACK INSTALLED (EM10). INSTALL UNSWITCHED POWER SOURCE TO EACH FIXTURE. SEE DIAGRAM 1/E1	6
COMBINATION EXIT/EMERGENCY LIGHTS, EMERGENCY LIGHTS & EXTERIOR EMERGENCY REMOTE HEADS																	
XR	HUBBELL LIGHTING	CCORC	120	WHITE			X	X			X	2	LED EXIT + (2) 3.6V	4	UNIVERSAL (WALL/CLG.) SINGLE PR DOUBLE FACE	BACKUP BATTERIES SHALL MAINTAIN 100% ILLUMINATION FOR A MINIMUM OF 90 MINUTES TO COMPLY WITH ARTICLE 700.12(A) OF THE N.E.C. IF CEILING HEIGHT IS 11'-7" OR LOWER, CEILING MOUNT. IF CEILING IS HEIGHT IS HIGHER THAN 11'-7", WALL MOUNT AT 12'-6" AFF.	8
RH2	HUBBELL	CORD	3V DC	WHITE			X				X	2	LED REMOTE HEAD	2	---	POWERED BY EMERGENCY "XR" FIXTURE.	3
LED EXTERIOR LIGHTS																	
L	LSI	LAD6 41 LED 40 75 UE TR6R SFHAZ	120	CLEAR			X				X	1	---	42	---	RECESSED CAN.	1
WS-	SEE "SP1" SHEET FOR EXTERIOR LIGHTING WALL SCONCE FIXTURE SCHEDULE																
P-	SEE "SP1" SHEET FOR EXTERIOR LIGHTING POLE LIGHT FIXTURE SCHEDULE																
FIXTURE QUANTITY TO BE VERIFIED WITH LIGHTING PLAN QUANTITY																	

EXIT SIGNS

REFER TO NOTES IN "LIGHT FIXTURE SCHEDULE" FOR MINIMUM MOUNTING HEIGHT FOR EXIT SIGNS (FIXTURE "XR"). ALL EXIT SIGNS MUST BE CLEARLY VISIBLE, NOT OBSCURED BY SHELVING AND/OR MERCHANDISE AND COORDINATED WITH INTERIOR PAINT SCHEME. - CONFIRM SHELVING HEIGHT(S) AND PAINT SCHEME WITH O'REILLY REPRESENTATIVE PRIOR TO INSTALLATION.

THE MAXIMUM HEIGHT FOR AN EXIT LIGHT ASSOCIATED WITH A SPECIFIC OPENING (I.E. MOUNTED OVER A DOOR OR OPENING) SHALL BE NO GREATER THAN THE CODE ALLOWED 6'-8" ABOVE THE TOP EDGE OF THE DOOR OR OPENING.

- LED Dimmable Ceiling Light - Mark B - Manufacturer: SAYLITE - Model: SOSN-FR-48L-Q23W3300L-DMV-40K-ORY - Volt: 120v - Finish: White - Wattage: 23 - Description: Grid Ha.
- LED Dimmable Ceiling Light - Mark D - Manufacturer: SAYLITE - Model: SOSN-FR-48L-Q23W3300L-DMV-40K-ORY-EM - Volt: 120v - Finish: White - Wattage: 23 - Description: CHSS 5' Chain.
- LED Dimmable Ceiling Light - Mark CE - Manufacturer: SAYLITE - Model: SOSN-FR-96L-Q46W6600L-DMV-40K-ORY-EM - Volt: 120v - Finish: White - Wattage: 46 - Description: CHSS 5' C.
- LED Dimmable Ceiling Light - Mark RH2 - Manufacturer: HUBBELL - Model: CORD - Volt: 3v DC - Finish: White - Lamp Quantity: 2 - Lamp Model Number/Type: LED Remote Head - Wattage: 2.0
- Exit Emergency Light
- Exit Emergency Light - Mark RH2 - Manufacturer: HUBBELL - Model: CORD - Volt: 3v DC - Finish: White - Lamp Quantity: 2 - Lamp Model Number/Type: LED Remote Head - Wattage: 2.0
- Recessed Can LED Light
- Indoor Light Sensor
- Fan Speed Switch (Supplied By HVAC Contractor / Installed By Electrical Contractor)
- Wall Mounted Occupancy Sensor Switch - Model: PW-302-W
- Occupancy Sensor
- Junction Box
- Security Light W/ Photo Control

CONDUIT REQUIREMENTS

ALL WIRING SHALL BE IN CONDUIT, EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:

A. MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.

B. "MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON E2 SHEET."

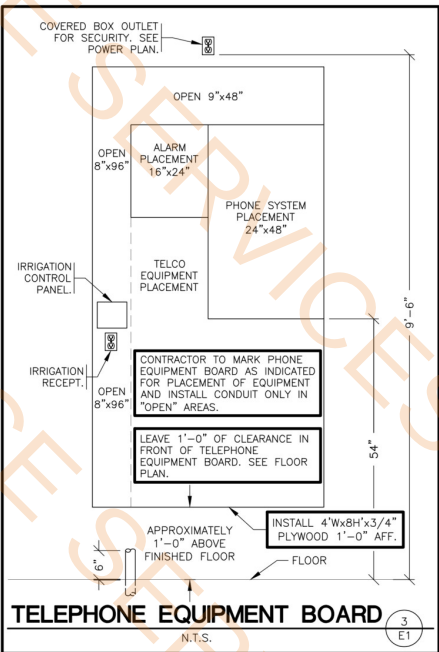
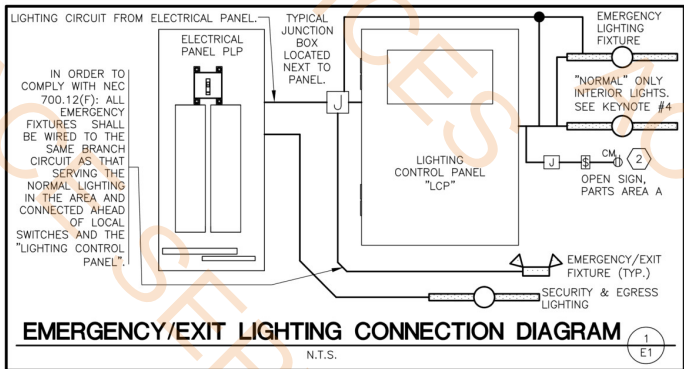
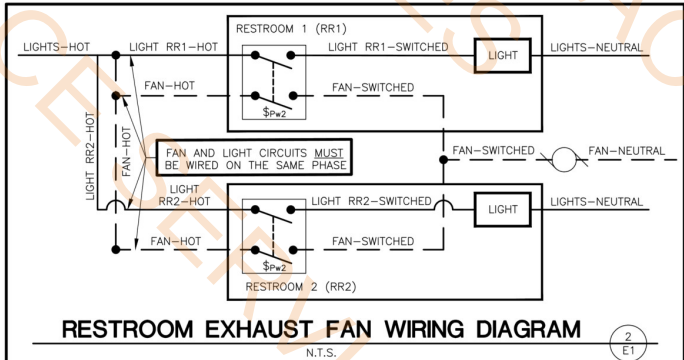
SEE SHEET E4 FOR MORE REQUIREMENTS

SEISMIC DESIGN

SEISMIC RESTRAINTS (REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E, AND F).

CONTRACTOR SHALL REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED, SEE SEISMIC DETAILS SHEET ME1.



- LIGHTING - KEYNOTES
1. MOUNT J-BOX INSIDE BUILDING & FLEX CONDUIT THRU WALL FOR POWER SUPPLY TO ILLUMINATED SIGN. EXACT LOCATIONS OF PENETRATIONS SHALL BE COORDINATED WITH SIGN COMPANY. PENETRATIONS SHALL BE BEHIND SIGNAGE. WATERPROOF W/ ELASTOMERIC POLYURETHANE (NO EXCEPTIONS) EQUAL TO "VULKEM" 116. WIRE TO SIGN WITH 15' OF WIRING "WHIP" (SHALL BE FLEX OR TYPE MC CABLE) & MAKE FINAL ELECTRICAL CONNECTIONS TO THE SIGN CABINETS, TYPICAL.
 2. TO "OPEN" SIGN. SEE SHEET E2.
 3. SEE "E" PANEL TRANSFER SWITCH SCHEDULE FOR POSITION OF CIRCUIT WIRES THROUGH TRANSFER SWITCH.
 4. VIA LIGHTING CONTROL PANEL. SEE EM SHEET.
 5. CONTRACTOR SHALL INSTALL 0-10V CONTROL WIRING TO ALL FIXTURES. SEE SHEET EM1.1.
 6. SUSPEND 8'-0" A.F.F. THIS FIXTURE ONLY.
 7. ROUTE THE OFFICE AND RESTROOM'S LIGHTING CIRCUIT THRU THE LOCAL OCCUPANCY SENSORS AND DIRECTLY TO THE CIRCUIT BREAKER. THESE FIXTURES SHALL NOT BE SWITCHED BY THE LIGHTING CONTROL PANEL. SEE "E" PANEL TRANSFER SWITCH SCHEDULE FOR POSITION OF CIRCUIT WIRES THROUGH TRANSFER SWITCH.
 8. REFER TO ARCHITECTURAL ELEVATIONS SHEETS SHOWING DIMENSIONED LOCATIONS. TYPICAL ALL WALL SCANCES.
 9. SECURITY & EGRESS FIXTURE TO BE AS CLOSE AS POSSIBLE BUT NOT OVER THE OVERHEAD DOOR WHEN OPEN.
 10. ROUTE SECURITY & EGRESS LIGHTING CIRCUIT DIRECTLY TO THE ELECTRICAL PANEL.

AUTOMATIC LIGHTING CONTROL

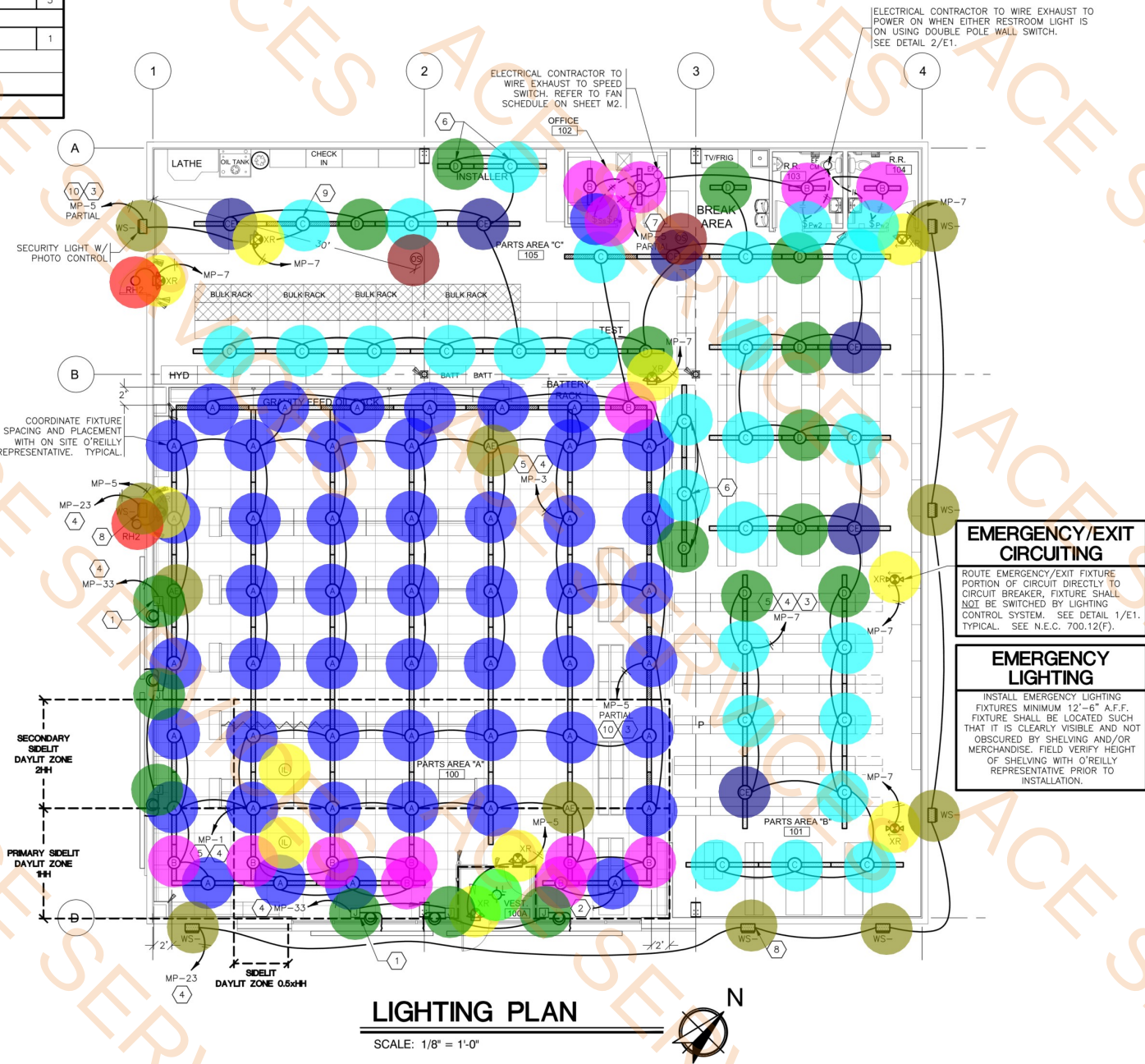
COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:

1. ONCE THE EMS HAS BEEN PROGRAMMED, THE INTERIOR AND EXTERIOR LIGHTS WILL TURN ON AND OFF USING THE FOLLOWING LOGIC: SEE EM SHEETS.
- INTERIOR WORK LIGHTS WILL TURN ON WITH FIRST MOTION IN THE STORE AND WILL TURN OFF 15 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.
- INTERIOR SALES LIGHTS WILL TURN ON AT STORE OPENING AND TURN OFF 15 MINUTES AFTER STORE CLOSING.
- EXTERIOR SIGN LIGHTS WILL TURN ON WHEN ITS DARK ENOUGH OUTSIDE ANYTIME DURING STORE HOURS, AND WILL TURN OFF AT STORE CLOSING.
- EXTERIOR SITE LIGHTS WILL TURN ON WHEN IT IS DARK ENOUGH OUTSIDE AND IT IS WITHIN STORE HOURS OR THERE IS MOTION IN THE STORE. THEY WILL TURN OFF 30 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.
- FOR NEW CONSTRUCTION LOCATIONS ONLY, THERE IS A TEMPORARY PROGRAM TO KEEP SIGN AND SITE LIGHTS ON UNTIL MIDNIGHT RATHER THAN THE TIMES INDICATED ABOVE. O'REILLY WILL DISABLE THIS PROGRAM ONE YEAR AFTER STORE OPENING.
2. RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.

INTERIOR LIGHTING ZONES

ALL INTERIOR LIGHTING WITHIN PARTS AREA "A" SHALL BE CONSIDERED "SALES" ZONE (ON ONLY WHEN STORE IS OPEN FOR BUSINESS).

ALL INTERIOR LIGHTING WITH PARTS AREA "B", PARTS AREA "C", RESTROOMS, OFFICE, AND BREAK AREA SHALL BE CONSIDERED "WORK" ZONES (ON WHENEVER THERE IS MOTION OR THE STORE IS OPEN).



STATE OF TEXAS
BRENT L. COURTER
133552
LICENSED PROFESSIONAL ELECTRICAL ENGINEER
07/18/24
Smith-Goth Engineers, Inc.
F-1611

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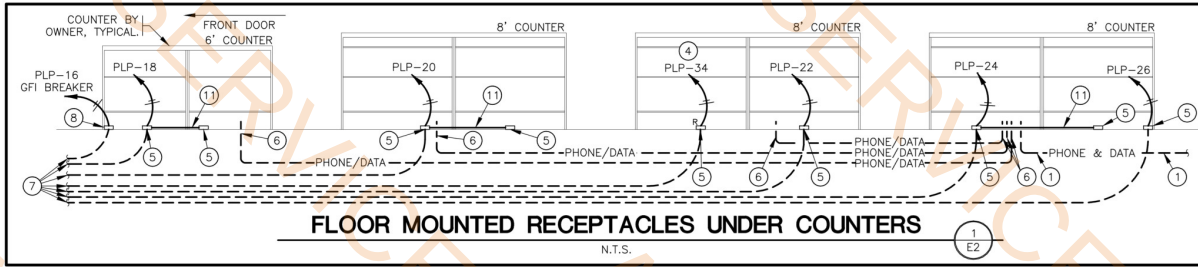
PROJECT: NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)

3855 S. JEFFERSON AVE.
SPRINGFIELD, MO 65807
P: 417-882-2200
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SMITH-GOTH ENGINEERS, INC.

DRAWN BY: NAR
CHECKED BY: ALT/BLC
DATE: 07/18/24
REVISION:
PROJECT NUMBER: CR2
SHEET NUMBER: E1

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TELEPHONE & COMPUTER DATA SYSTEMS:

A. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL TELEPHONE AND DATA CONDUITS.

B. ELECTRICAL CONTRACTOR SHALL VACUUM OUT ALL CONDUITS TO REMOVE WATER.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE PULL-STRING IN EACH CONDUIT.

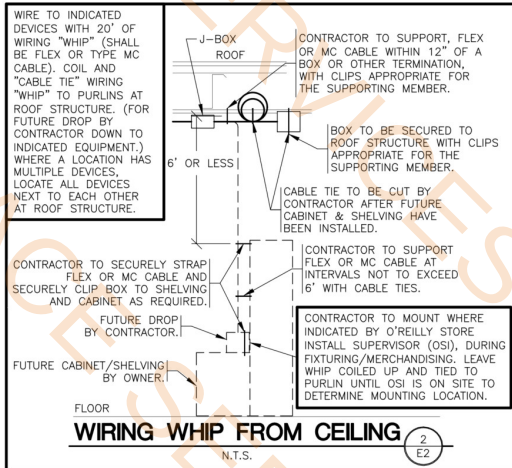
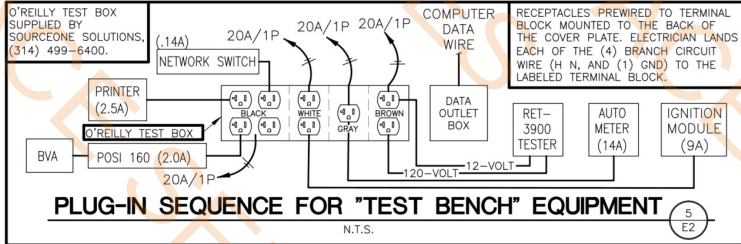
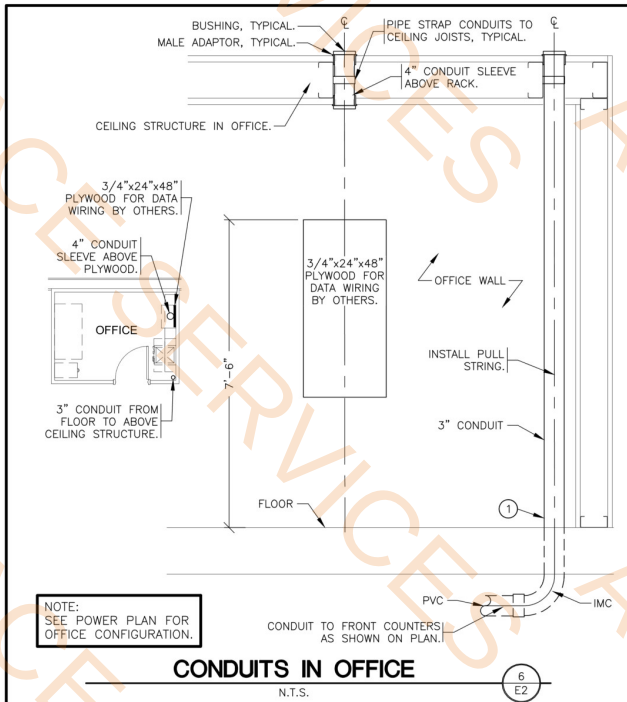
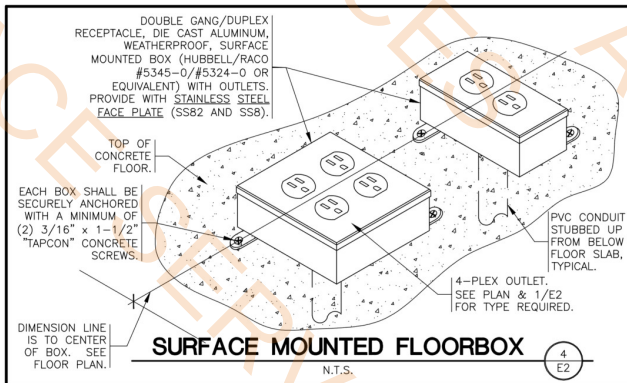
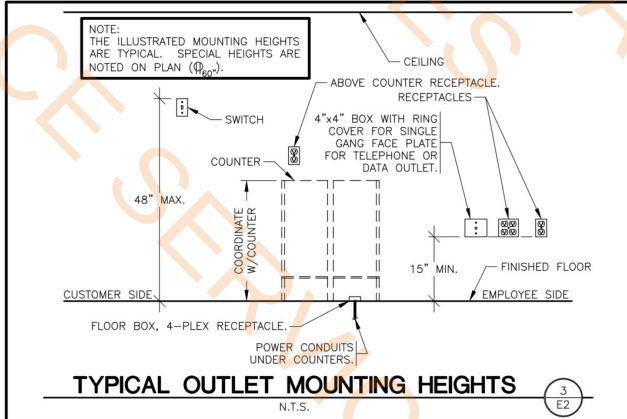
D. OWNER SHALL PROVIDE AND INSTALL ALL TELEPHONE AND DATA WIRING.

SEISMIC DESIGN

SEISMIC RESTRAINTS (REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E, AND F).

CONTRACTOR SHALL REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED, SEE SEISMIC DETAILS SHEET ME1.



- POWER - KEYNOTES**
- 3" CONDUIT UNDERSLAB FROM COUNTER TO OFFICE FOR PHONE & DATA WIRING BY OWNER. STUB 3" CONDUIT TO A MINIMUM OF 9 FEET ABOVE FINISH FLOOR IN OFFICE. STUB 3" CONDUIT TO A MINIMUM OF 2-INCHES ABOVE FINISH FLOOR UNDER COUNTER. SEE DETAIL 1/E2 & 6/E2. INSTALL PULL STRING.
 - TEST OUTLET BOX. 120V. INSTALL (2) DUPLEX OUTLETS EACH ON THEIR OWN CIRCUIT, (1) SINGLE OUTLET ON ONE CIRCUIT, (1) QUADPLEX OUTLET ON ONE CIRCUIT & A COMPUTER DATA OUTLET BOX. ALL MOUNTED AT 66" ABOVE FLOOR. SEE DETAIL 5/E2.
 - J-BOX/CIRCUIT FOR FIRE ALARM SYSTEM INSTALLED IF, AND ONLY IF, FIRE ALARM SYSTEM IS REQUIRED. CONTRACTOR SHALL CONFIRM THAT SYSTEM IS REQUIRED PRIOR TO ROUGH-IN. THE BREAKER SHALL BE PAINTED RED AND LOCKABLE.
 - ROUTE CIRCUIT THROUGH "E" PANEL TRANSFER SWITCH. SEE "E" PANEL TRANSFER SWITCH SCHEDULE ON SHEETS E3.
 - FLOOR 4-PLEX ISOLATED GROUND RECEPTACLE. SEE DETAIL 4/E2.
 - STUB UP 2" CONDUITS (FOR PHONE/DATA) TO A MINIMUM OF 2-INCHES ABOVE FINISH FLOOR. NO BOXES REQUIRED. TYPICAL OF ALL COUNTERS. SEE DETAIL 1/E2.
 - 3/4" PVC CONDUIT UNDERSLAB. RUN ONE PVC CONDUIT FROM EACH FLOOR RECEPTACLE TO PANEL LOCATION.
 - FLOOR DUPLEX RECEPTACLE (FOR COKE MACHINE) SEE DETAIL 4/E2 SIMILAR.
 - MOUNT RECEPTACLE IN CEILING FOR "OPEN" SIGN. CIRCUIT RECEPTACLE TO NEAREST LIGHTING CONTROL PANEL CONTROLLED LIGHTING CIRCUIT AND AHEAD OF ALL DIMMER SWITCHES AND DAY LIGHTING CONTROLS. "OPEN" SIGN CAN ALSO BE OPERATED BY WALL SWITCH. SEE DETAIL 1/E1.
 - CONTRACTOR TO INSTALL J-BOX, CONDUIT, AND PULL STRING FOR FIRE ALARM. MOUNT J-BOX BELOW OPTIONAL CONVENIENCE OUTLET LOCATION. REFERENCE SHEET M2.
 - MC CABLE BETWEEN COUNTER RECEPTACLES.

NOTE: ALL PANELBOARDS, TRANSFORMERS, TRANSFER SWITCH KIT AND DISCONNECTS WILL BE SUPPLIED BY THE OWNER (O'REILLY). ELECTRICAL GEAR SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR LISTED ON SHEET E3.

MARKING OF ELECTRICAL WORKING SPACE

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

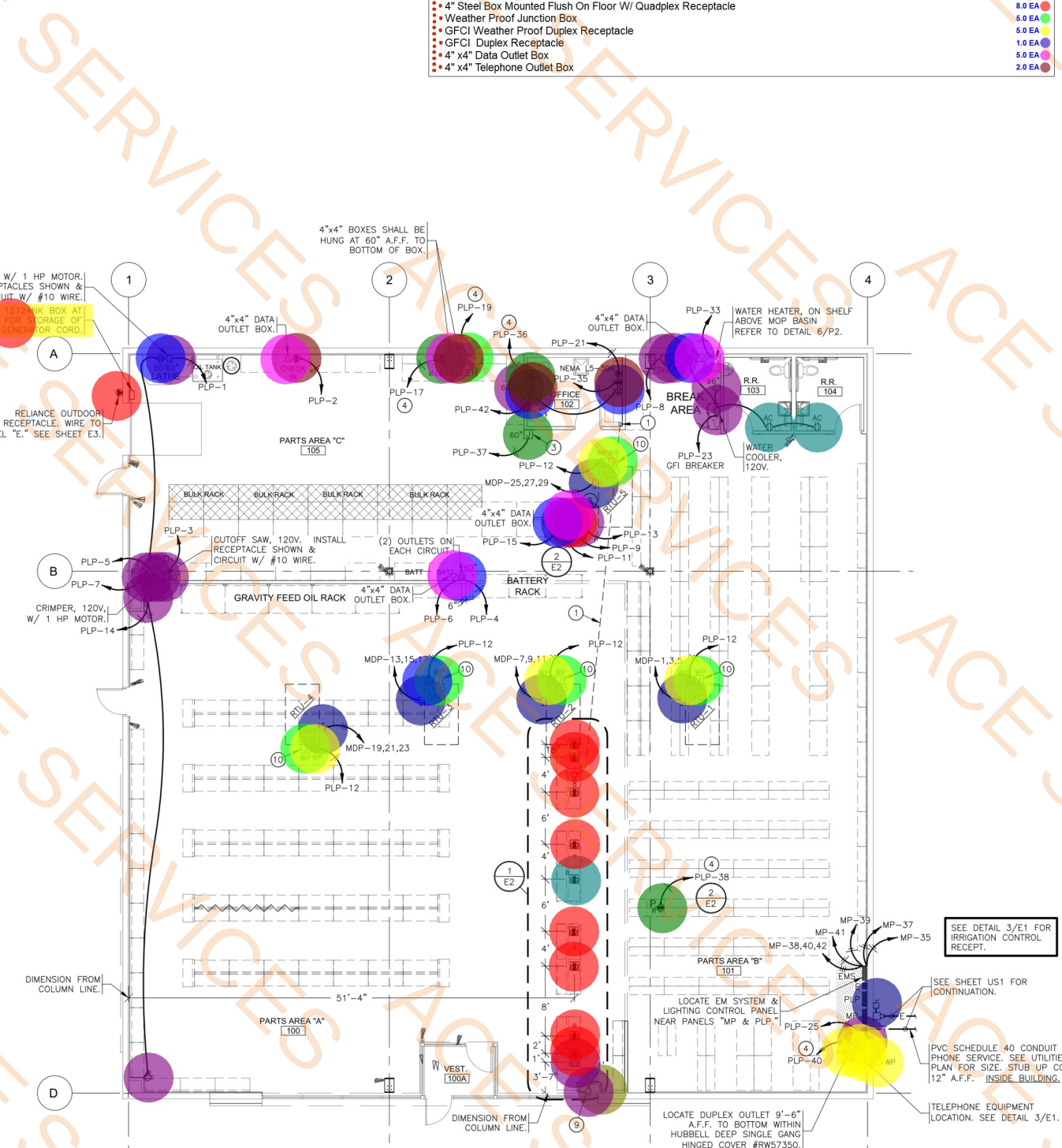
CONDUIT REQUIREMENTS

ALL WIRING SHALL BE IN CONDUIT, EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:

A. MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.

B. "MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON E2 SHEET."

SEE SHEET E4 FOR MORE REQUIREMENTS



POWER PLAN

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



Smith-Goeth Engineers, Inc.
F-1611

07/18/24

133552
LICENSED PROFESSIONAL ENGINEER

BRENT L. COURTER

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O'Reilly AUTO PARTS

CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)

POWER PLAN

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SGE
SMITH-GOETH ENGINEERS, INC.

DRAWN BY: **NAR** CHECKED BY: **ALT/BLC**

DATE: **07/18/24**

REVISION:

PROJECT NUMBER: **CR2**

SHEET NUMBER

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

SOURCEONE SOLUTIONS
4341 GREEN ASH DRIVE
EARTH CITY, MO 63045

SOURCEONE SOLUTIONS O'REILLY TEAM
EMAIL: ncoireilly@sourceonesolutions.com
PHONE: 314-499-6400

MP PANELBOARD SCHEDULE													
MAINS: 250A MAIN LUGS ONLY				VOLTAGE: 208				ACCESSORIES:					
TYPE: SIEMENS, P1X				PHASE: 3ø, 4W				1. FEED THRU LUGS 2. EQUIPMENT GROUND BAR 3. ISOLATED GROUND BAR 4. * SIEMENS, #ECPLD1, LOCKABLE CLIPS					
MOUNTING: SURFACE				WIDTH: 20				MOUNTING: SURFACE					
SCCR: 22K AIC				SPACE(S): 42				SCCR: 22K AIC					
CKT	CKT BRK	WIRE	LOAD DESCRIPTION	(KVA)	A(KVA)	B(KVA)	C(KVA)	(KVA)	LOAD DESCRIPTION	WIRE	CKT BRK	CKT	
1	20A/1P	#12s	LIGHTING	1.02	1.02			0	SPACE			2	
3	20A/1P	#12s	LIGHTING	1.51	1.51			0	SPACE			4	
5	20A/1P	#12s	LIGHTING/EXHAUST FAN	0.87			0.87	0	SPACE			6	
7	20A/1P	#12s	LIGHTING	1.52	1.52			0	SPACE			8	
9			SPACE	0		0.00		0	SPACE			10	
11			SPACE	0		0.00		0	SPACE			12	
13			SPACE	0	0.00			0	SPACE			14	
15			SPACE	0		0.00		0	SPACE			16	
17			SPACE	0		0.000		0	SPACE			18	
19			SPACE	0	0.000			0	SPACE			20	
21			SPACE	0		0.00		0	SPACE			22	
23	20A/1P	#12s	BUILDING LIGHTING	0.24		0.24		0	SPACE			24	
25	20A/1P	#12s	SITE LIGHTING	0.41	0.410			0	SPACE			26	
27	20A/1P	#12s	SITE LIGHTING	0.23		0.230		0	SPACE			28	
29	20A/1P	#12s	SITE SIGN	1.30			1.300	0	SPACE			30	
31	20A/1P	#12s	SITE SIGN	1.30	1.300			0	SPACE			32	
33	20A/1P	#12s	LED SIGN BUILDING	2.40		3.960		1.56	GRINDER PUMP	#10s	25A/2P	34	
35	20A/1P	#12s	DIMMING CONTROL PANEL	0.03			1.590	0				36	
37	20A/1P	#12s	LIGHTING CONTROL PANEL	0.03	0.060			0.03				38	
39	20A/1P	#12s	TOUCHSCREEN PANEL	0.03		0.060		0.03	ENERGY METER	#12s	20A/3P	40	
41	20A/1P	#12s	SCREAM LOGIC PANEL	0.60			0.630	0.03				42	
TOTAL PHASE A (KVA)				TOTAL PHASE B (KVA)				TOTAL PHASE C (KVA)				TOTAL CONNECTED LOAD (KVA)	
4.3100				5.7600				4.6300				14.7000	
LIGHTING=				4.9200				EXTERIOR LIGHTING=				5.8800	
												TOTAL AMPS	
												40.8043	
												TOTAL LIGHTING=	
												10.8000	
												WATER HEATER=	
												1.6500	
												RECEPTACLES=	
												14.4900	
												MP & PLP AMPS:	
												124.7446	

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

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

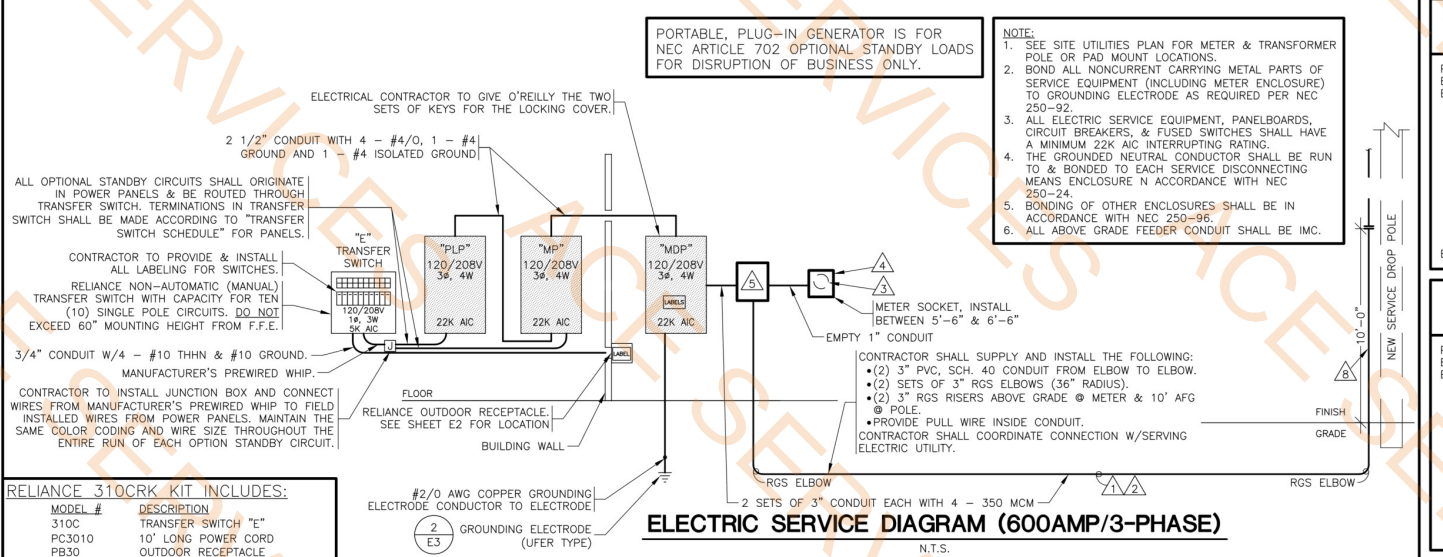
WIRING & LABELING OF EXIT & EMERGENCY LIGHT CIRCUITS

- SEE DETAIL 1/E1 FOR WIRING OF EXIT & EMERGENCY LIGHTS ON THESE CIRCUITS.
- ALL EXIT & EMERGENCY LIGHTING CIRCUITS SHALL BE LABELED BY THE CONTRACTOR ON THE "PANEL DIRECTORY". (SPEC: NEPA 70.408.4 & 700.12.)

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

EQUIPMENT LABELS CHART					
SEE ELECTRICAL SERVICE DIAGRAM.					
EQUIPMENT	LABELS				
	SERVICE DISCONNECT	OPTIONAL STANDBY SOURCE	SERIES RATING	GENERATOR POWER INLET	AVAILABLE FAULT CURRENT
MDP	X	X			
GENERATOR POWER INLET				X	
MP					
PLP					
E					
CT CABINET					

TRANSFER SWITCH SCHEDULE				
POSITION	CIRCUIT BREAKER	LOAD DESCRIPTION	(KVA)	BREAKER
A	20A/1P	OFFICE COMPUTER	0.36	PLP-36
B	20A/1P	COUNTER RECEPTACLES	0.36	PLP-34
C	20A/1P	PRINTER	0.50	PLP-38
D	20A/1P	TELEPHONE EQUIPMENT/SECURITY	0.90	PLP-40
E	20A/1P	INSTALLER (ISOLATED GRD RECEPTACLE)	0.36	PLP-17
F	20A/1P	INSTALLER (RECEPTACLE)	0.18	PLP-19
G	20A/1P	LIGHTING SECURITY/OFFICE/BATHROOMS (100% ON)	0.87	MP-5
H	20A/1P	LIGHTING HARD PARTS (DIMMED TO 95% ON)	1.44	MP-7
I	20A/1P	SPARE	0	
J	20A/1P	SPARE	0	
GENERATOR (6,000 WATTS) RATED. MAX KVA=5.0 LOAD			4.9700	TOTAL



MDP PANELBOARD SCHEDULE													
MAINS: 600A MAIN BREAKER				VOLTAGE: 208				ACCESSORIES:					
TYPE: SIEMENS, P2C				PHASE: 3ø, 4W				1. EQUIPMENT GROUND BAR 2. NEMA 3R, LOCKABLE ENCLOSURE 3. * MUST BE TYPE "BLH" 50 TO 100 AMP BREAKER. 4. ** MUST BE TYPE "QRH2" 110 TO 225 AMP BREAKER.					
MOUNTING: SURFACE				WIDTH: 20				MOUNTING: SURFACE					
SCCR: 22K AIC				SPACE(S): 42				SCCR: 22K AIC					
CKT	CKT BRK	WIRE	LOAD DESCRIPTION	(KVA)	A(KVA)	B(KVA)	C(KVA)	(KVA)	LOAD DESCRIPTION	WIRE	CKT BRK	CKT	
1			RTU-1 5 TONS (15.8 KW)	8.16	8.160			0	SPACE			2	
3	+90A/3P	#3s		8.16		8.160		0	SPACE			4	
5				8.16			8.160	0	SPACE			6	
7				8.16	8.160			0	SPACE			8	
9	+90A/3P	#3s	RTU-2 5 TONS (15.8 KW)	8.16		8.160		0	SPACE			10	
11				8.16			8.160	0	SPACE			12	
13				8.16	8.160			0	SPACE			14	
15	+90A/3P	#3s	RTU-3 5 TONS (15.8 KW)	8.16		8.160		0	SPACE			16	
17				8.16			8.160	0	SPACE			18	
19				8.16	8.160			0	SPACE			20	
21	+90A/3P	#3s	RTU-4 5 TONS (15.8 KW)	8.16		8.160		0	SPACE			22	
23				8.16			8.160	0	SPACE			24	
25				8.16	8.160			0	SPACE			26	
27				8.16			8.160	0	SPACE			28	
29	+90A/3P	#3s	RTU-5 5 TONS (15.8 KW)	8.16		8.160		0	SPACE			30	
31				8.16	8.160			0	SPACE			32	
33				0	0.000			0	SPACE			34	
35				0		0.000		0	SPACE			36	
37				12.6500	12.6500			0	SPACE			38	
39	225A/3P	SEE RISER	PANELS "MP" AND "PLP"	17.7300		17.7300		0	SPACE			40	
41				14.5600			14.5600	0	SPACE			42	
TOTAL PHASE A (KVA)				TOTAL PHASE B (KVA)				TOTAL PHASE C (KVA)				TOTAL CONNECTED LOAD (KVA)	
53.4500				58.5300				55.3600				167.3400	
MISCELLANEOUS=				17.9100				HVAC=				334.6800	

- MP Panel
 - 1 Pole, 20A Breaker
 - 2 Pole, 25A Breaker
- PLP Panel
 - 1 Pole, 20A Breaker
 - 1 Pole, 30A Breaker
 - 1 Polw, 15A Breaker
- MDP Panel
 - 3 Pole, +90A Breaker
 - 3 Pole, 225A Breaker

- 1.0 EA
- 14.0 EA
- 2.0 EA
- 1.0 EA
- 32.0 EA
- 1.0 EA
- 1.0 EA
- 5.0 EA
- 1.0 EA

SERVICE DISCONNECT LABEL

THE SERVICE DISCONNECTING MEANS SHALL BE PROPERLY MARKED "SERVICE DISCONNECT". REFER TO SPEC SECTION 26 00 20 FOR FURTHER IDENTIFICATION PLATE REQUIREMENTS.

OPTIONAL STANDBY SOURCE LABEL

PERMANENT LABEL SHALL BE 2 x 3 IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. LABEL TO BE PLACED ON DISCONNECT DOOR.

CAUTION

TWO SOURCES OF SUPPLY

STANDBY POWER SOURCE: PORTABLE 6kW GENERATOR
LOCATION: OVERHEAD DOOR.

EXAMPLE OF OPTIONAL STANDBY SOURCE LABELING ABOVE.

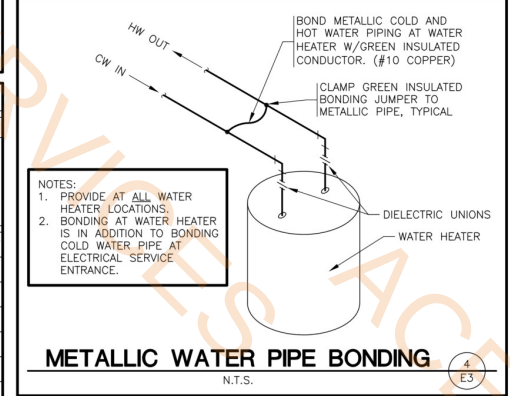
GENERATOR POWER INLET LABEL

PERMANENT LABEL SHALL BE 2 x 3 IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. LABEL TO BE PLACED 6 INCHES ABOVE GENERATOR RECEPTACLE.

WARNING:

FOR CONNECTION OF A NONSEPARATELY DERIVED (FLOATING NEUTRAL) SYSTEM ONLY

(MAX. 6,000 WATT GENERATOR)

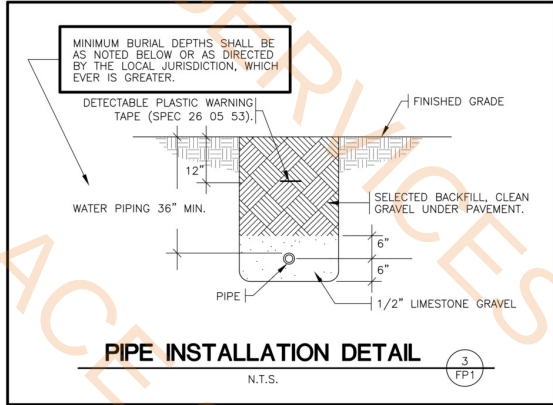
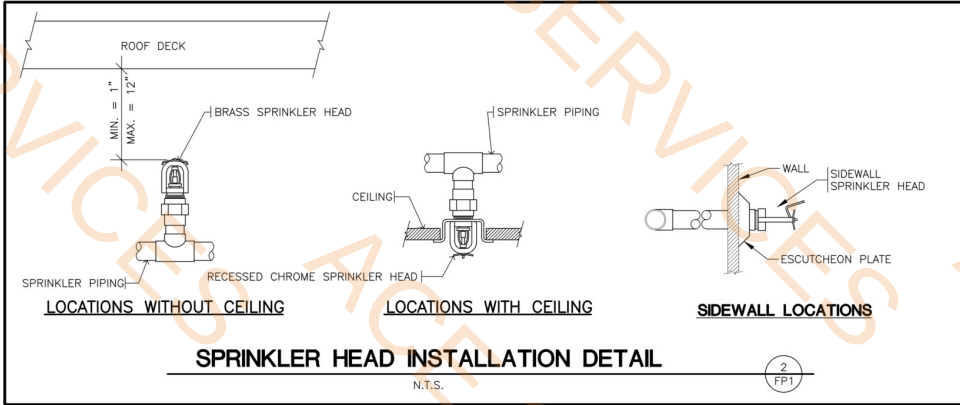
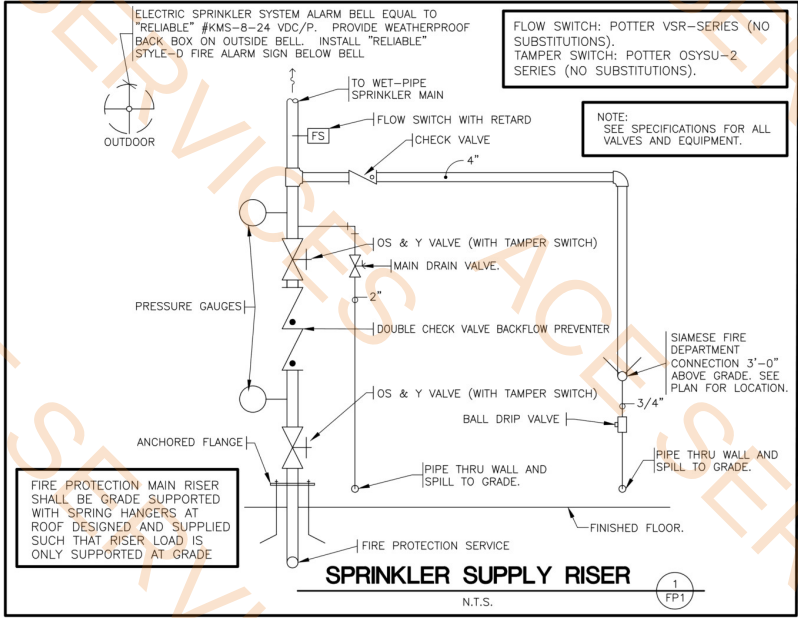


BONDING REQUIREMENTS

N.T.S.

NOTE:
1. BOND ALL NONCURRENT CARRYING METAL PARTS OF SERVICE EQUIPMENT (INCLUDING METER ENCLOSURE) TO GROUNDING ELECTRODE AS REQUIRED, PER NEC 250-92.
2. THE GROUNDING NEUTRAL CONDUCTOR SHALL BE RUN TO AND BONDED TO EACH SERVICE DISCONNECTING MEANS ENCLOSURE IN ACCORDANCE WITH NEC 250-24.
3. BONDING OF OTHER ENCLOSURES SHALL BE IN ACCORDANCE WITH NEC 250-96.

SERVICE EQUIPMENT GROUNDING & BONDING SHALL BE IN ACCORDANCE WITH:
•NEC 2



WORKING PLAN & HYDRAULICS:

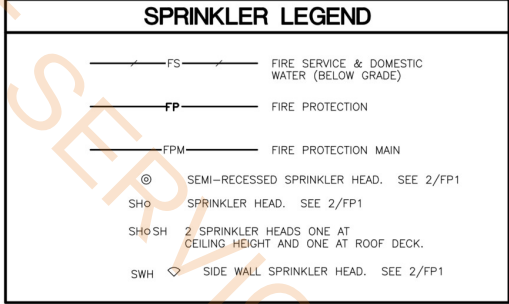
WORKING PLANS & HYDRAULIC CALCULATIONS: SPRINKLER SYSTEM DRAWINGS PREPARED ACCORDING TO NFPA 13. WORKING PLANS AND HYDRAULIC CALCULATIONS SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE RESPECTIVE STATE OF THE PROJECT. SUBMIT TO: "WORKING PLANS AND HYDRAULIC CALCULATIONS" MUST BE SUBMITTED TO THE MEP DESIGN ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO SUBMISSION TO AUTHORITIES HAVING JURISDICTION. ONCE MEP DESIGN ENGINEER OF RECORD HAS APPROVED "WORKING PLANS AND HYDRAULIC CALCULATIONS," SUBMIT REQUIRED NUMBER OF SETS TO AUTHORITY HAVING JURISDICTION FOR REVIEW, COMMENT AND APPROVAL.

- GENERAL SPRINKLER NOTES**
- ALL DRAWINGS ARE "PRELIMINARY" (AS DEFINED BY NFPA 13), DIAGRAMMATIC AND ARE NOT TO BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
 - THE CONTRACTOR SHALL COORDINATE WITH ALL STATE AND LOCAL BUILDING REGULATION AGENCIES AND UTILITY COMPANY(S) IN THE PROCUREMENT OF AND PAYMENT OF ALL PERMITS, LICENSES, FEES AND CHARGES REQUIRED FOR THE PERFORMANCE OF THE WORK.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL FEES AND DIRECT EXPENSES INVOLVED IN ANY INSPECTION REQUIRED FOR THE PROJECT.
 - SEE SPECIFICATION SECTION 20 02 00 "CONTRACT CLOSE-OUT AND COMMISSIONING" FOR WORK REQUIRED TO COMPLETE THIS PROJECT.
 - SEE SPECIFICATIONS FOR REQUIREMENTS FOR PIPING, SPRINKLER HEADS, BACKFLOW PREVENTION, SUBMITTALS, ETC.
 - SEE SPECIFICATIONS AND PLAN NOTES FOR HAZARD CLASSIFICATIONS. ALL PIPING SHALL BE SIZED BY HYDRAULIC CALCULATIONS.
 - ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 13 AND APPLICABLE BUILDING CODE REQUIREMENTS FOR SPRINKLERS.
 - COORDINATE ALL HEAD AND PIPE LOCATIONS WITH THE WORK OF OTHER TRADES. VERIFY ALL CEILING CONDITIONS. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
 - THE CONTRACTOR SHALL INSTALL A COMPLETE AND OPERABLE SYSTEM TO PROTECT THE BUILDING AS INDICATED, WHETHER OR NOT EVERY ELEMENT REQUIRED IS SPECIFICALLY CALLED OUT.
 - CONTRACTOR SHALL SUBMIT SPRINKLER SYSTEM DRAWINGS IDENTIFIED AS "WORKING PLANS". PREPARED ACCORDING TO NFPA 13. SUBMIT REQUIRED NUMBER OF SETS TO AUTHORITY HAVING JURISDICTION FOR REVIEW, COMMENT AND APPROVAL. INCLUDE SYSTEM HYDRAULIC CALCULATIONS, WORKING PLANS AND HYDRAULIC CALCULATIONS SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER. DO NOT SUBMIT UNSEALED DRAWINGS, AS THEY WILL BE REJECTED.
 - DO NOT INSTALL THE FIRE SERVICE OR ANY SPRINKLER SYSTEM PIPING UNTIL THE SPRINKLER SHOP DRAWINGS AND HYDRAULIC CALCULATIONS ARE APPROVED, BY THE FOLLOWING:
 - OWNER
 - ENGINEER
 - CODE OFFICIALS

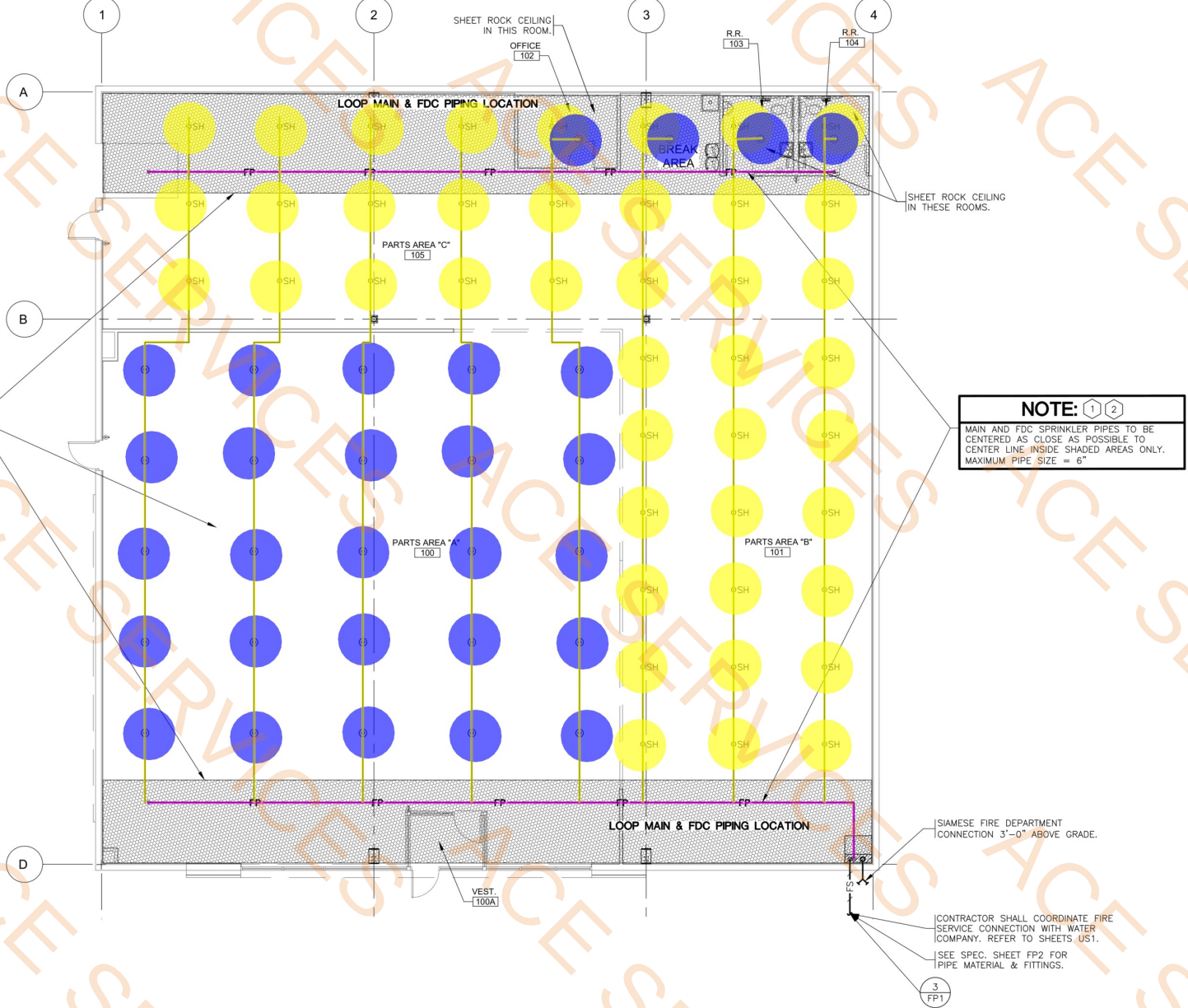
- LOCATION & SUPPORT REQUIREMENTS OF SPRINKLER PIPING**
- FIRE PROTECTION MAIN AND FDC PIPING SHALL BE LOCATED IN SHADED AREAS AS SHOWN. PIPES SHALL BE SUPPORTED AT A MAXIMUM OF 5'-0" ON CENTER. REFER TO FIRE PROTECTION SUPPORT DETAILS FOR MINIMUM SUPPORT REQUIREMENTS.
 - REFER TO SHEET T1 FOR SPRINKLER PIPE WEIGHT REQUIREMENTS FOR PEMB DESIGN
 - FIRE PROTECTION BRANCH PIPE SHALL BE SUPPORTED FROM DIFFERENT ROOF PURLINS THAN THE ADJACENT BRANCH PIPE.
 - FIRE PROTECTION BRANCH PIPE SHALL BE SUPPORTED AT ALTERNATE PURLINS AND AT A MAXIMUM OF 10'-0" o.c., UNLESS SHORTER SPACING DICTATED BY PIPING/PIPING LAYOUT.
 - ALL FIRE PROTECTION BRANCH PIPE SHALL BE SUPPORTED WITHIN 7'-6" OF MAIN PIPE.
- FIRE SPRINKLER CONTRACTOR SHALL SIZE ALL PIPING FOR FOR SPRINKLER SYSTEM.

NOTE: 2 3 4 5

BRANCH SPRINKLER PIPES UP TO 2" CAN RUN ANYWHERE. (UNSHADED OR SHADED AREAS.)



- 29.0 EA
- 42.0 EA
- 159.8 FT
- 627.7 FT
- Semi-Recessed Sprinkler Head
- Sprinkler Head
- Main Sprinkler Pipe
- 2" Dia Branch Sprinkler Pipe



PRELIMINARY FIRE PROTECTION PLAN

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

AS DEFINED BY NFPA 13

N

PROJECT: NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSCIANA, TEXAS (CR2)

PRELIMINARY FIRE PROTECTION PLAN

SGE SMITH-GOTH ENGINEERS, INC.

3855 S. JEFFERSON AVE.
SPRINGFIELD, MO 65807
P: 417-882-2200
F: 417-882-1188
WWW.SMITHGOTH.COM

SMITH-GOTH ENGINEERS, INC.

07/18/24

ALT/BLC

CR2

FP1

JOHN RICHARDSON
SURVEY, A-702

- Remove Existing Concrete
- Remove Existing Graveled Drive
- Remove Existing Drive Apron Asphalt Pavement

1922.0 SQ FT

7332.5 SQ FT

1574.9 SQ FT

GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- SITE CONDITIONS BASED UPON SURVEY PROVIDED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION. NOTIFY ARCHITECT IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.
- REMOVE ALL EXISTING SITE CONSTRUCTION AND DELETERIOUS MATERIALS UNLESS OTHERWISE NOTED.
- EXISTING CONSTRUCTION TO REMAIN TO BE PROTECTED AS REQUIRED. REPLACE AND/OR REPAIR EXISTING CONSTRUCTION DAMAGED DUE TO CONTRACTOR ACTIVITIES.
- ALL DEMOLITION MATERIALS SHALL BECOME PROPERTY OF CONTRACTOR FOR PROPER DISPOSAL UNLESS OTHERWISE NOTED.
- REFER TO SITE UTILITY PLAN FOR DEMOLITION OF EXISTING UTILITIES.
- EXISTING UNDERGROUND INSTALLATION SUCH AS WATER MAINS, GAS MAINS, SEWERS, TELEPHONE LINES, POWER LINES, AND BURIED STRUCTURES IN THE VICINITY OF THE WORK ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS IS EXPRESSLY DISCLAIMED. GENERALLY SERVICE CONNECTIONS ARE NOT INDICATED ON THE DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DISCOVERY OF EXISTING UNDERGROUND INSTALLATIONS IN ADVANCE OF EXCAVATING OR TRENCHING BY CONTRACTING LOCAL UTILITIES.

KEY NOTES

- NOT USED.
- EXISTING PAVEMENT TO BE REMOVED.
- EXISTING CONCRETE TO BE REMOVED.
- NOT USED.
- NOT USED.
- NOT USED.
- EXISTING CURB AND PAVEMENT TO BE REMOVED PER CITY/STATE DESIGN STANDARDS AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION.
- NOT USED.
- NOT USED.
- EXISTING DRIVE APRON TO BE REMOVED.
- EXISTING GRAVELED DRIVE TO BE REMOVED.
- REALTOR SIGN TO BE REMOVED AND RELOCATED BY THE REALTOR.

ENVIRONMENTAL GENERAL NOTES

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

SYMBOLS LEGEND

NOTE: REFER TO SURVEY FOR EXISTING CONDITIONS SYMBOLS LEGEND.

— EXISTING CONDITIONS TO REMAIN.

- - - EXISTING CONDITIONS TO BE REMOVED.

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



Know what's below
Call before you dig.



O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2074 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS 75110

REPRODUCTION PROHIBITED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE DESIGN PROFESSIONAL.

Buddy Webb & Company, Inc.
Architect - Consultant
3057 EAST CAIRO
SPRINGFIELD, MISSOURI 65802
(417) 877-1385 TELEPHONE
(417) 877-9736 FAX

DRAWN BY: MEC
CHECKED BY: SB
DATE: 07/19/24
REVISION:
PROJECT NUMBER: CR2
SHEET NUMBER: D1.1

1 SITE DEMOLITION PLAN

D1.1 SCALE: 1" = 20'-0"

GENERAL NOTES:

- 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:

ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAPS (FIRM), COMMUNITY PANEL NO. 4834900360D, EFFECTIVE DATE: JUNE 5, 2012, ENTIRE SUBJECT PROPERTY LIES IN FLOOD HAZARD ZONE X, AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN.

STORM WATER RUNOFF SUMMARY:

TOTAL PROPERTY AREA = 1.361 ACRES
TOTAL DISTURBED AREA = 1.70 ACRES > 1.0 ACRES
THEREFORE AN NOI IS REQUIRED.
EXISTING IMPERVIOUS AREA = 0.15 ACRES
TOTAL PROPOSED IMPERVIOUS AREA = 0.878 ACRES
DUE TO INCREASE IN IMPERVIOUS AREA, DETENTION IS REQUIRED.
DETENTION IS PROVIDED FOR 2-YR, 100-YR STORM EVENT
REFER TO STORMWATER REPORT BY OWN, INC.

EROSION CONTROL & MAINTENANCE PLAN NOTES:

- RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PR
- PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION AND AFTER CONSTRUCTION.
- AND OTHER EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION AND AFTER CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AT LEAST ONCE EVERY 14 DAYS AND AFTER EACH RAINFALL EVENT THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITHIN SEVEN DAYS. REPEATED FAILURE OF A MEASURE TO PREVENT EROSION SHALL BE CAUSE FOR TERMINATING MAINTENANCE AND REPAIR OF EROSION CONTROL MEASURES.
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SITE E

- A GEOTECHNICAL ENGINEER SHALL BE CONSULTED FOR ALL SOILS THAT ARE NOT CLASSIFIED AS "GOOD" OR "FAIR" BY THE U.S. GEOLOGICAL SURVEY.
- REFER TO RECOMMENDATIONS FOR SOILS THAT ARE NOT CLASSIFIED AS "GOOD" OR "FAIR" BY THE U.S. GEOLOGICAL SURVEY.

PIPE N

- PIPE MATERIAL SHALL BE APPROVED BY THE CITY OR STATE ENGINEER.
- ALL PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OR STATE ENGINEER'S REQUIREMENTS.

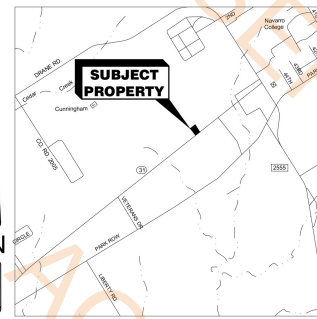
CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO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

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

KEY NOTES:

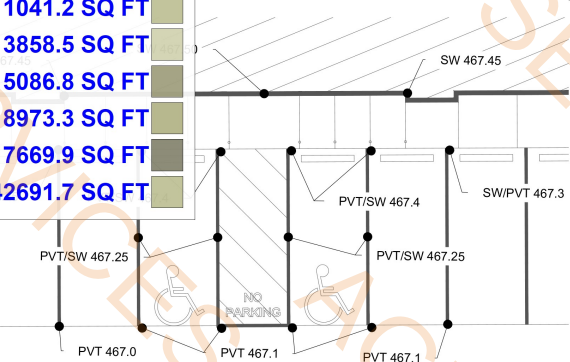
- ADA PARKING AREA. SLOPE SHOULD NOT EXCEED 2% IN ANY DIRECTION. REFER TO DETAIL 2/C1.1.
- INSTALL CONSTRUCTION ENTRANCE. REFER TO DETAIL 2/C1.2.
- INSTALL PORTABLE TOILET AND STAKE FIRMLY TO GROUND. FINAL LOCATION TO BE DETERMINED BY CONTRACTOR
- INSTALL 10SY OF LANDLOK 435 PERMANENT TURF REINFORCEMENT MAT PER MANUFACTURER'S STANDARDS OR APPROVED EQUAL.
- INSTALL 44LF OF 12" Ø PIPE. REFER TO PIPE NOTES.
- INSTALL TXDOT STANDARD SET AT DAYLIGHT OF 12"Ø PIPE. INV= 462.3'. REFER TO DETAIL 6/C1.4.
- INSTALL DETENTION POND. REFER TO DETAIL 4/C1.2.
- INSTALL 106LF OF 18" Ø RCP. REFER TO PIPE NOTES.
- INSTALL EROSION CONTROL SOCK. REFER TO DETAIL 1/C1.2.
- INSTALL CONCRETE WASHOUT. REFER TO DETAIL 3/C1.2.
- INSTALL 52LF OF 18" Ø PIPE. REFER TO PIPE NOTES.
- INSTALL INLET/DETENTION OUTLET. REFER TO DETAIL 7/C1.2.
- INSTALL 4'X4' AREA INLET. RIM=465.50, INV=462.90. REFER TO DETAIL 5/C1.2.
- INSTALL DUMPSTER AND CONTRACT TRASH COMPANY FOR PICKUP. FINAL LOCATION TO BE DETERMINED BY CONTRACTOR.
- INSTALL 4'X4' AREA INLET. RIM=466.0, INV=462.8. REFER TO DETAIL 5/C1.2.
- INSTALL 106LF OF 18" Ø PIPE. REFER TO PIPE NOTES.
- REGRADE DITCH TO DRAIN EAST.
- INSTALL 18" FLARED END SECTION PIPE OUTFALL STRUCTURE. INV= 463.0'.
- INSTALL 198LF TRICKLE CHANNEL. REFER TO DETAIL 6/C1.2.

479.9 SQ FT
2931.8 SQ FT
15844.1 SQ FT
6420.7 SQ FT
1520.2 SQ FT
16266.4 SQ FT
17490.9 SQ FT
18296.5 SQ FT
247.3 SQ FT
213.5 SQ FT
1041.2 SQ FT
3858.5 SQ FT
5086.8 SQ FT
8973.3 SQ FT
17669.9 SQ FT
42691.7 SQ FT



VICINITY MAP

1"=3000'



HANDICAP PARKING AREA TO BE ADA COMPLIANT. SLOPES SHALL NOT EXCEED 2.0% IN ANY DIRECTION IN THIS AREA. SLOPES ALONG ADA PATH TO RIGHT-OF-WAY SHALL NOT EXCEED 5% LONGITUDINAL SLOPES (EXCEPT AT CURB RAMPS) AND 2% CROSS SLOPES.

2 ADA PARKING DETAIL

C1.1 SCALE: 1" = 10'-0"

CONSTRUCTION ACTIVITY SCHEDULE:

	AUGUST	SEPTEMBER	OCTOBER
1. 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.			
2. INSTALLATION OF SEDIMENT CONTROL & TREE PROTECTION MEASURES (CONSTRUCTION EGRESS, EROSION CONTROL FENCE, INLET PROTECTION)			
3. DEMOLITION OF EXISTING SITE IMPROVEMENTS			
4. REMOVAL OF EXISTING PAVEMENT ON THE SITE			
5. INSTALLATION OF DETENTION FACILITIES AND REGIONAL DETENTION PROVIDED)			
6. INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS			
7. CLEARING, GRUBBING AND GRADING OPERATIONS			
8. CONSTRUCTION OF NEW SITE IMPROVEMENTS			
9. GRASSING - INCLUDING MULCHING, TEMPORARY AND PERMANENT VEGETATION			
10. MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES			
11. FINAL LANDSCAPING GRASSING, CLEANING OF STORM DRAINS AND SOD			
12. REMOVAL OF CONSTRUCTION EGRESS, EROSION CONTROL FENCE & INLET PROTECTION			

SPECIAL NOTE:
PRIOR TO CONTRACT CLOSEOUT, CONTRACTOR SHALL SECURE THE SERVICES OF A REGISTERED LAND SURVEYOR TO PROVIDE SITE SURVEY OF COMPLETED PROJECT CONDITIONS AND SUBMIT FOR REVIEW AND APPROVAL BY OWNER. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

SPECIAL NOTE:
ALL EROSION CONTROL MEASURES ARE TO BE INSPECTED ONCE THEIR INSTALLATION IS COMPLETE.

SPECIAL NOTE:
A SMALL SITE NOTICE AND A PREPARED SWPPP ARE TO BE EMAILED, SEVEN DAYS BEFORE BREAKING GROUND.

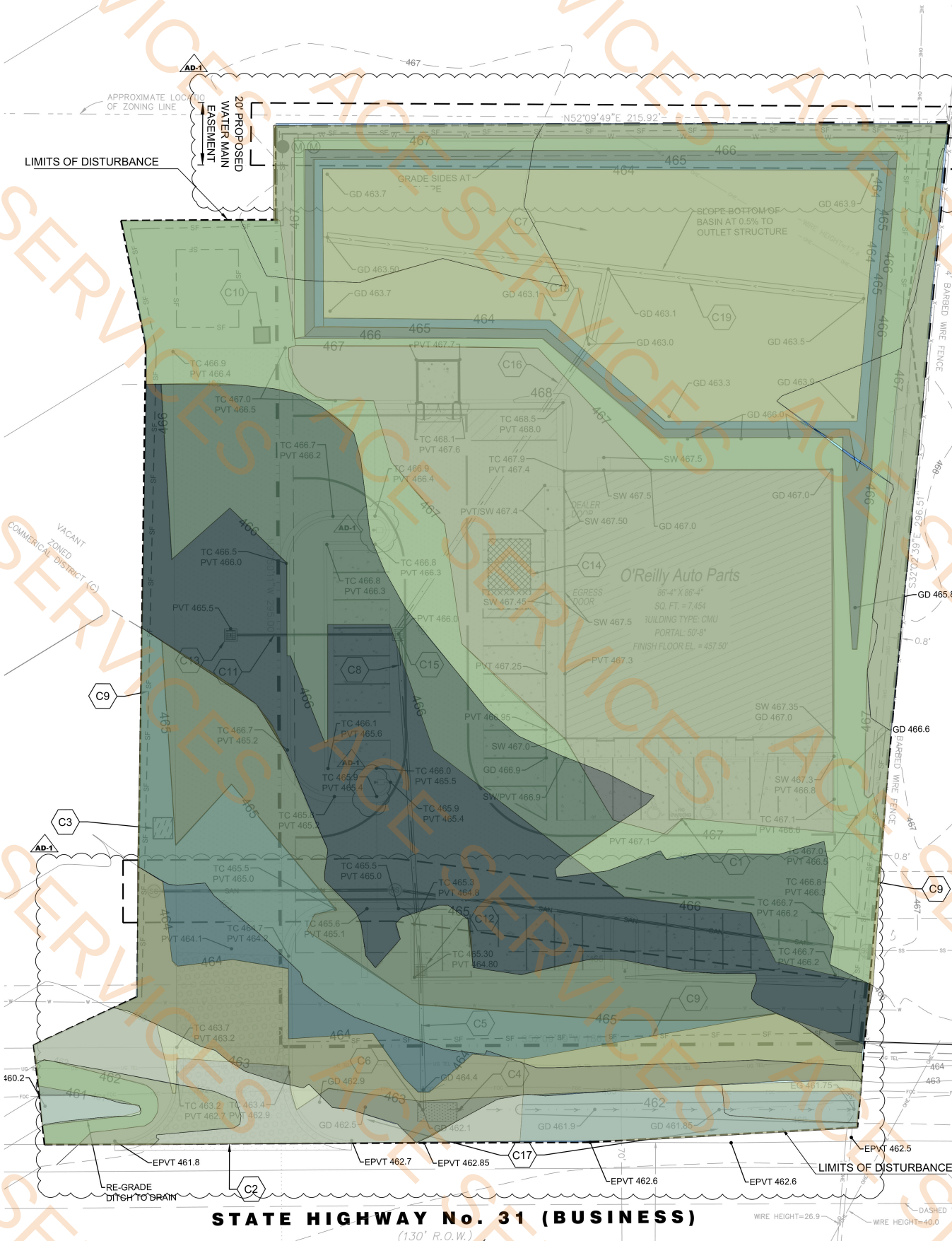
REVISION NOTE:
LIGHT POLES HAVE BEEN UPDATED TO COORDINATE WITH SITE PLAN LOCATIONS. WATER AND SEWER LINE ADDED.

SPECIAL NOTE:
CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED AREAS OF PAVEMENT DUE TO CONSTRUCTION ACTIVITIES.

SYMBOLS LEGEND

REFER TO SURVEY (SV1) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

EXISTING GRADE LINES	PROPOSED NEW GRADE LINES	NEW BUILDING CONSTRUCTION	NEW POLE SIGN LOCATION	NEW CONCRETE PAVING BLOCK	TEMPORARY EROSION CONTROL SOCK	SURFACE FLOW ARROW
468	468				SF	
NEW SPOT ELEVATION	NEW SPOT ELEVATION	NEW SPOT ELEVATION	NEW SPOT ELEVATION	NEW SPOT ELEVATION	NEW SPOT ELEVATION	NEW SPOT ELEVATION
LIST GRADE	LIST GRADE	LIST GRADE	LIST GRADE	LIST GRADE	LIST GRADE	LIST GRADE
SIDEWALK	SIDEWALK	SIDEWALK	SIDEWALK	SIDEWALK	SIDEWALK	SIDEWALK
TOP OF WALL	TOP OF WALL	TOP OF WALL	TOP OF WALL	TOP OF WALL	TOP OF WALL	TOP OF WALL
TOP OF CURB	TOP OF CURB	TOP OF CURB	TOP OF CURB	TOP OF CURB	TOP OF CURB	TOP OF CURB
TOP OF PAVEMENT	TOP OF PAVEMENT	TOP OF PAVEMENT	TOP OF PAVEMENT	TOP OF PAVEMENT	TOP OF PAVEMENT	TOP OF PAVEMENT
NEW GRADE	NEW GRADE	NEW GRADE	NEW GRADE	NEW GRADE	NEW GRADE	NEW GRADE
CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
EXISTING TOP OF CURB	EXISTING TOP OF CURB	EXISTING TOP OF CURB	EXISTING TOP OF CURB	EXISTING TOP OF CURB	EXISTING TOP OF CURB	EXISTING TOP OF CURB
EXISTING GRADE	EXISTING GRADE	EXISTING GRADE	EXISTING GRADE	EXISTING GRADE	EXISTING GRADE	EXISTING GRADE
EXISTING PAVEMENT	EXISTING PAVEMENT	EXISTING PAVEMENT	EXISTING PAVEMENT	EXISTING PAVEMENT	EXISTING PAVEMENT	EXISTING PAVEMENT
EXISTING SIDEWALK	EXISTING SIDEWALK	EXISTING SIDEWALK	EXISTING SIDEWALK	EXISTING SIDEWALK	EXISTING SIDEWALK	EXISTING SIDEWALK
FLOW LINE	FLOW LINE	FLOW LINE	FLOW LINE	FLOW LINE	FLOW LINE	FLOW LINE
TOP OF BERM	TOP OF BERM	TOP OF BERM	TOP OF BERM	TOP OF BERM	TOP OF BERM	TOP OF BERM
FINISH FLOOR ELEVATION	FINISH FLOOR ELEVATION	FINISH FLOOR ELEVATION	FINISH FLOOR ELEVATION	FINISH FLOOR ELEVATION	FINISH FLOOR ELEVATION	FINISH FLOOR ELEVATION
TBM	TBM	TBM	TBM	TBM	TBM	TBM
THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY.	THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY.	THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY.	THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY.	THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY.	THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY.	THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY.
EL=466.50	EL=466.50	EL=466.50	EL=466.50	EL=466.50	EL=466.50	EL=466.50
REFER TO SURVEY	REFER TO SURVEY	REFER TO SURVEY	REFER TO SURVEY	REFER TO SURVEY	REFER TO SURVEY	REFER TO SURVEY

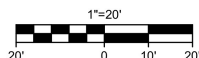


STATE HIGHWAY No. 31 (BUSINESS)

(130' R.O.W.)

1 SITE GRADING PLAN

C1.1 SCALE: 1" = 20'-0"



O'Reilly AUTO PARTS
CORPORATE OFFICES
1000 N. SPRINGFIELD, MISSOURI 63802
(417) 885-2874 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)

SITE GRADING DETAILS

3113 S. West Bryans
Springfield, MO 65807
417-866-2741
COAH 3704
weatremt.com
24SP10127

OWN
Engineering beyond™
AARON T. HARGRAVE P.E.
Engineer PE# 135143
FORMERLY ANDERSON ENGINEERING

DRAWN BY: IL CHECKED BY: AH

DATE: 07/23/2024

REVISION: 11/05/2024

PROJECT NUMBER: 24SP10117

SHEET NUMBER

C1.1

- 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. FIELD VERIFY SANITARY SEWER SERVICE CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION.
- D. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAPS (FIRM), COMMUNITY PANEL NO. 48349C0360D, EFFECTIVE DATE: JUNE 5, 2012, ENTIRE SUBJECT PROPERTY LIES IN FLOOD HAZARD ZONE X, AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN.

TOTAL PROPERTY AREA = 1.361 ACRES
TOTAL DISTURBED AREA = 1.70 ACRES > 1.0 ACRES
THEREFORE AN NOI IS REQUIRED.
EXISTING IMPERVIOUS AREA = 0.15 ACRES
TOTAL PROPOSED IMPERVIOUS AREA = 0.878 ACRES
DUE TO INCREASE IN IMPERVIOUS AREA, DETENTION IS REQUIRED.
DETENTION IS PROVIDED FOR 2-YR, 100-YR STORM EVENT
REFER TO STORMWATER REPORT BY OWN, INC.

1. RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS FOR MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS AND OTHER CONSTRUCTION FOR THE PROPOSED SEASIDE WITHIN SEVEN DAYS COVERED WITH STRUCTURE, PAVING, OR PERENNIAL VEGETATION HAVE 70% STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINA CONTROL MEASURES.
3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST O A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE INEFFECTIVE MUST BE REPLACED WITHIN SEVEN DAYS. ANY DAMAGE TO MEASURES REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IF REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. EROSION SHALL BE MINIMIZED TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO STREET AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROA PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. REFER TO 1/C1.2 FOR FILTER SOCK CONSTRUCTION.
7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTI REINFORCEMENT MATS C35 OR APPROVED EQUAL. MATS SHALL BE INSTALLED TO PROTECT SLOPES FROM EROSION AND TO PREVENT SEDIMENTATION.
8. ANY AREAS DISTURBED, WHETHER INSIDE OR OUTSIDE THE PROJECT LIMITS, PREEXISTING CONDITIONS PRIOR TO LEAVING THE PROJECT SITE.

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

1. 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) PIPE MAY BE USED AS ALLOWED BY LOCAL GUIDELINES.
2. ALL PIPE IS TO BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS AND MEET COVER REQUIREMENTS PER THE MANUFACTURER.

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

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.

C1 ADA PARKING AREA. SLOPE SHOULD NOT EXCEED 2% IN ANY DIRECTION. REFER TO DETAIL 2/C1.1.

C2 INSTALL CONSTRUCTION ENTRANCE. REFER TO DETAIL 2/C1.2.

C3 INSTALL PORTABLE TOILET AND STAKE FIRMLY TO GROUND. FINAL LOCATION TO BE DETERMINED BY CONTRACTOR

C4 INSTALL 10SY OF LANDLOK 435 PERMANENT TURF REINFORCEMENT PER MANUFACTURER'S STANDARDS OR APPROVED EQUAL.

C5 INSTALL 44LF OF 12" Ø PIPE.
REFER TO PIPE NOTES.

C6 INSTALL TXDOT STANDARD SET AT DAYLIGHT OF 12"Ø PIPE. INV= 462.3'. REFER TO DETAIL 6/C1.4.

C7 INSTALL DETENTION POND.
REFER TO DETAIL 4/C1.2.

C8 INSTALL 106LF OF 18" Ø RCP.
REFER TO PIPE NOTES.

C9 INSTALL EROSION CONTROL SOCK.
REFER TO DETAIL 1/C1.2.

C10 INSTALL CONCRETE WASHOUT.
REFER TO DETAIL 3/C1.2.

C11 INSTALL 52LF OF 18" Ø PIPE.
REFER TO PIPE NOTES.

C12 INSTALL INLET/DETENTION OUTLET. REFER TO DETAIL 7/C1.2.

C13 INSTALL 4'X4' AREA INLET. RIM=465.50,
INV=462.90. REFER TO DETAIL 5/C1.2.

C14 INSTALL DUMPSTER AND CONTRACT TRASH COMPANY FOR PICKUP. FINAL LOCATION TO BE DETERMINED BY CONTRACTOR

C15 INSTALL 4'X4' AREA INLET. RIM=466.0,
INV=462.8. REFER TO DETAIL 5/C1.2.

C16 INSTALL 106LF OF 18" Ø PIPE.
REFER TO PIPE NOTES.

C17 REGRADE DITCH TO DRAIN EAST.

C18 INSTALL 18" FLARED END SECTION PIPE
OUTFALL STRUCTURE. INV= 463.0'.

C19 INSTALL 198LF TRICKLE CHANNEL.
REFER TO DETAIL 6/C1.2.

C1.1 **SCALE: 1" = 10'-0"**

		AUGUST	SEPTEMBER	OCTOBER
1.	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.	_____	_____	_____
2.	INSTALLATION OF SEDIMENT CONTROL & TREE PROTECTION MEASURES (CONSTRUCTION EGRESS, EROSION CONTROL FENCE, INLET PROTECTION)	_____	_____	_____
3.	DEMOLITION OF EXISTING SITE IMPROVEMENTS	_____	_____	_____
4.	REMOVAL OF EXISTING PAVEMENT ON THE SITE	_____	_____	_____
5.	INSTALLATION OF DETENTION FACILITIES (NO REGIONAL DETENTION PROVIDED)	_____	_____	_____
6.	INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS	_____	_____	_____
7.	CLEARING, GRUBBING AND GRADING OPERATIONS	_____	_____	_____
8.	CONSTRUCTION OF NEW SITE IMPROVEMENTS	_____	_____	_____
9.	GRASSING - INCLUDING MULCHING, TEMPORARY AND PERMANENT VEGETATION	_____	_____	_____
10.	MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES	_____	_____	_____
11.	FINAL LANDSCAPING GRASSING, CLEANING OF STORM DRAINS AND SOD	_____	_____	_____
12.	REMOVAL OF CONSTRUCTION EGRESS, EROSION CONTROL FENCE & INLET PROTECTION	_____	_____	_____

SPECIAL NOTE:
PRIOR TO CONTRACT CLOSEOUT, CONTRACTOR SHALL SECURE THE SERVICES OF A REGISTERED LAND SURVEYOR TO PROVIDE SITE SURVEY OF COMPLETED PROJECT CONDITIONS AND SUBMIT FOR REVIEW AND APPROVAL BY OWNER. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

SPECIAL NOTE:
ALL EROSION CONTROL MEASURES ARE TO BE INSPECTED
ONCE THEIR INSTALLATION IS COMPLETE.

SPECIAL NOTE:
A SMALL SITE NOTICE AND A PREPARED SWPPP ARE TO
BE EMAILED, SEVEN DAYS BEFORE BREAKING GROUND.

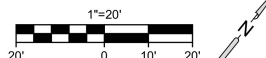
REVISION NOTE:
LIGHT POLES HAVE BEEN UPDATED TO
COORDINATE WITH SITE PLAN LOCATIONS
WATER AND SEWER LINE ADDED.

SPECIAL NOTE:
CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGE
AREAS OF PAVEMENT DUE TO CONSTRUCTION ACTIVITIES.

REFER TO SURVEY (SV1) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

— 468 —	EXISTING GRADE LINES		NEW SPOT ELEVATION	ABBREVIATIONS GR SW TW TC PVT GD CONC ETC EGD EPVT ESW FL TOP FFE
— 468 —	PROPOSED NEW GRADE LINES		LIST	
	NEW BUILDING CONSTRUCTION		GRADE SIDEWALK TOP OF WALL TOP OF CURB TOP OF PAVEMENT NEW GRADE CONCRETE EXISTING TOP OF CURB EXISTING GRADE EXISTING PAVEMENT EXISTING SIDEWALK FLOW LINE TOP OF BERM FINISH FLOOR ELEVATION	
	NEW POLE SIGN LOCATION		+ 467.5 PVT	
	NEW CONCRETE PAVING BLOCK			
— — SF —	TEMPORARY EROSION CONTROL SOCK		TBM	THE SOUTH-EAST CORNER OF THE PROPERTY BOUNDARY. EL=466.50 REFER TO SURVEY
— > —	SURFACE FLOW ARROW			

C1.1 SCALE: 1" = 20'-0"



SHEETS BEARING THIS SEAL ARE AUTHENTICATED, RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.

O'Reilly
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)

SITE GRADING DETAILS

3213 S. West Bypass
Springfield, MO 65807
417-866-2741
COA# 3704
wearown.com
24SP10127



OWN
Engineering beyond.

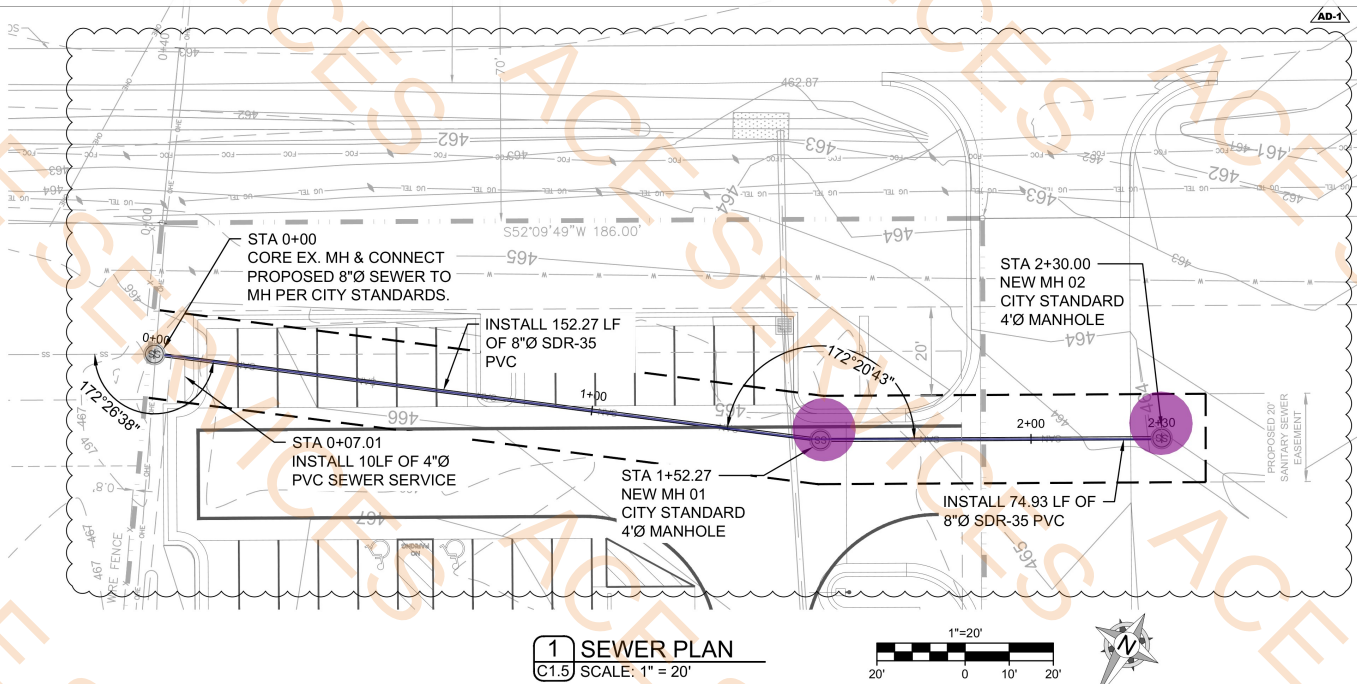
ARON T. HARGRAVE P.E.
Engineer PE# 135143
FORMERLY ANDERSON ENGINEERING

DRAWN BY: **IL**
CHECKED BY: **AH**
DATE: **07/23/2024**
REVISION:  **11/05/2024**
PROJECT NUMBER: **24SP10117**

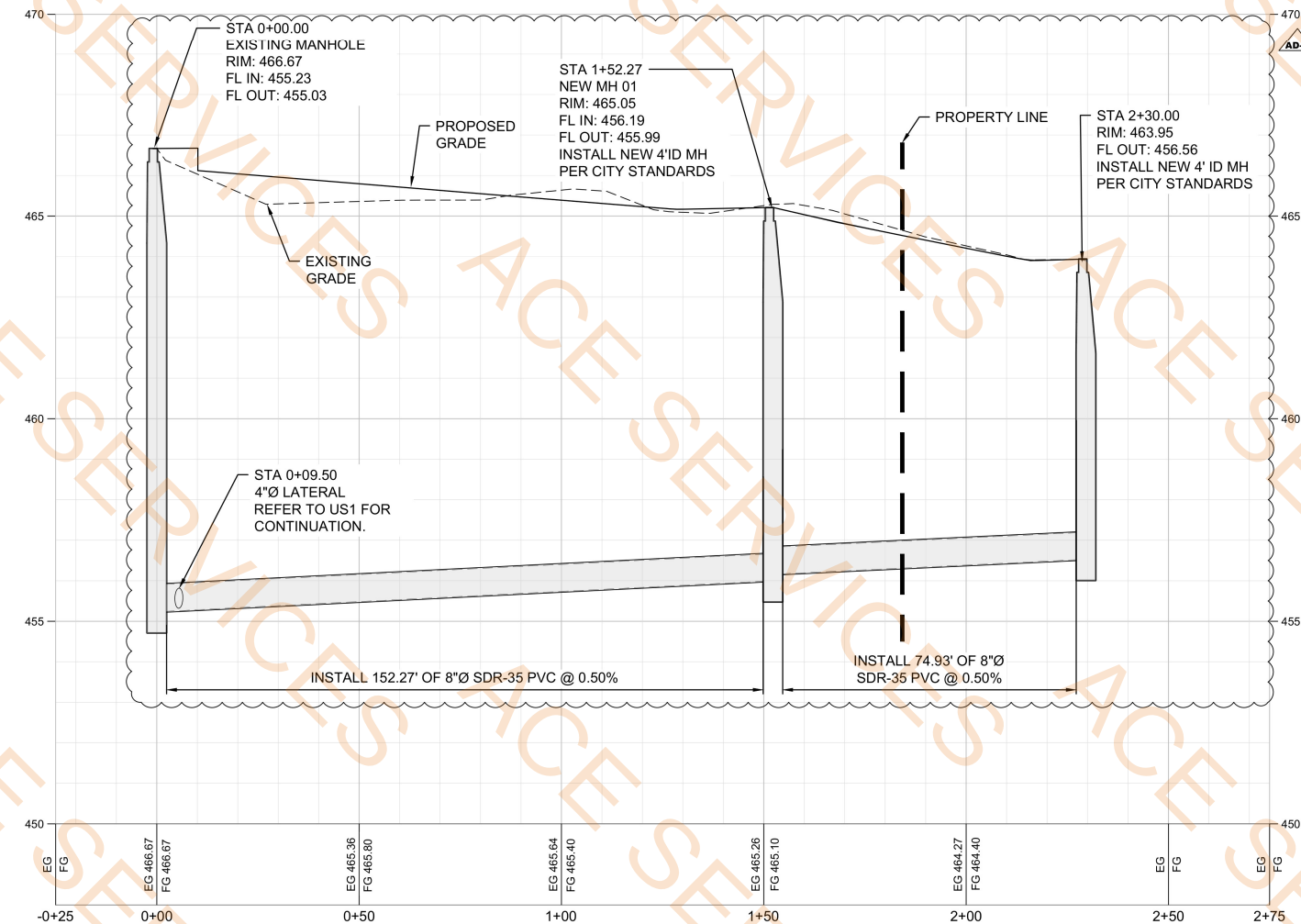
C1.1

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8" Dia SDR-35 PVC Sanitary Sewer Pipe
4' Dia Sanitary Sewer Manhole



1 SEWER PLAN
C1.5 SCALE: 1" = 20'



2 SEWER PROFILE
C1.5 HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 2'

CONTRACTOR CAUTION!!
VERIFY SEWER LINE ELEVATION

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

A WORKABLE FLOW LINE HAS NOT BEEN ESTABLISHED AT THE TIME OF FINAL REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES ASSOCIATED WITH THE INSTALLATION OF A NEW GRINDER PUMP SYSTEM TO MEET OWNER AND LOCAL REQUIREMENTS.

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.

GENERAL NOTES:

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. THE CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL AND VERTICAL LINES AND GRADES OF EXISTING UTILITIES PRIOR TO THE CONSTRUCTION OF IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERING A DISCREPANCY BETWEEN THE CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS. CONTACT ONE CALL: 1-800-344-7483.
- THE CONTRACTOR MUST COORDINATE CONSTRUCTION WITH THE NECESSARY AUTHORITIES.
- APPLICABLE PERMITS MUST BE OBTAINED PRIOR TO EXCAVATION WITHIN ANY RIGHT-OF-WAY, AND PRIOR TO ANY CONSTRUCTION.
- PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS WITHOUT PONDING ON PARKING LOTS OR SIDEWALKS.
- ALL IMPROVED RUNOFF TO DRAIN TO DRAINWAYS.
- ALL CONTOURS AND SPOT ELEVATIONS SHOWN ARE FINISH GRADE.
- THE REMOVAL OF ANY TREES SHALL BE APPROVED BY THE PROJECT MANAGER PRIOR TO REMOVAL.
- COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- TESTING OF CONTROLLED STRUCTURAL FILL, OBSERVATION OF EXCAVATIONS AND COMPACTION OF SUBGRADE SHALL BE DONE BY A QUALIFIED GEOTECHNICAL ENGINEER. FOLLOW GEOTECHNICAL ENGINEER RECOMMENDATIONS FOR SITE EXCAVATION REQUIREMENTS.
- REFER TO STRUCTURAL DRAWINGS FOR BUILDING EXCAVATION REQUIREMENTS.
- GRADING AT HANDICAP ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION. GRADING AT HANDICAP ACCESSIBLE ROUTE SHALL NOT EXCEED 5% IN DIRECTION OF TRAVEL WITH 2% MAXIMUM CROSS SLOPE. GRADING AT BUILDING EGRESS DOORS SHALL NOT EXCEED 2% FOR A DISTANCE OF 5'-0" PERPENDICULAR FROM FACE OF DOOR.

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

SPECIAL NOTE:
REFER TO ELECTRIC PLANS FOR ADDITIONAL SITE LIGHTING REQUIREMENTS.

SPECIAL NOTE:
ANY BELOW-GRADE UTILITIES ENTERING THE BUILDING SHOULD HAVE CLAY STOPS PLACED AROUND THE UTILITY TO REDUCE WATER IN THE UTILITY TRENCH BACKFILL FROM ENTERING BELOW THE FOOTING AND/OR SLAB CAUSING SWELLING.

SPECIAL NOTE:
ANY EXCAVATION ON DOT RIGHT OF WAY FOR UTILITY CONNECTIONS REQUIRES DOT UTILITY PERMIT APPLICATION.

SPECIAL NOTE:
CONTRACTOR IS RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS (ELECTRIC, WATER, GAS, SEPTIC, SEWER) AS WELL AS PROVIDING ALL INFRASTRUCTURE REQUIRED BY UTILITY COMPANIES.

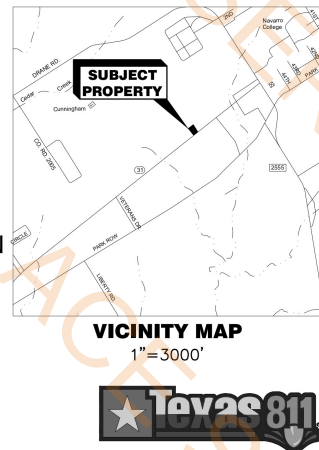
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UTILITY NOTES:

- 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.

UTILITY GENERAL NOTES:

- WATER LINES SHALL HAVE A MIN. 10 FEET HORIZONTAL CLEARANCE AND 18 INCHES VERTICAL CLEARANCE (MEASURED FROM EDGE OF PIPE TO EDGE OF PIPE) FROM ALL SANITARY AND STORM SEWER LINES.
- WATER LINES SHALL HAVE A MINIMUM OF 42 INCHES OF COVER, UNLESS OTHERWISE NOTED, MEASURED FROM THE TOP OF FINISHED GROUND TO THE TOP OF PIPE.
- THERE SHALL BE A MINIMUM OF 18 INCHES CLEARANCE, MEASURED FROM THE BOTTOM OF ANY STORMWATER PIPE TO THE TOP OF WATER LINES AT ALL CROSSING.
- AT WATER AND SANITARY SEWER CROSSINGS, THE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM SEWER AS POSSIBLE. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED.
- THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND /OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- NOTICE TO CONTRACTOR-PRIOR TO INSTALLATION OF WATER LINE, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND OWN OF ANY CONFLICTS PRIOR TO CONSTRUCTION.
- COORDINATE ALL CONSTRUCTION WITH TOWN OF CORSICANA. ALL SANITARY SEWER AND WATER LINE CONSTRUCTION MUST COMPLY WITH TOWN OF CORSICANA STANDARDS.
- CONTRACTOR TO PROVIDE SANITARY SEWER CLEANOUTS EVERY 50' TO ALLOW ACCESS FOR CLEANING.
- FIELD VERIFY SANITARY SEWER SERVICE CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION.



VICINITY MAP
1" = 3000'



NEW UTILITIES SYMBOLS	
(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)	
— W —	WATER SERVICE
— SAN —	SANITARY SEWER SERVICE
— UGE —	U/G ELECTRIC
— UGT —	U/G PHONE
— GAS —	U/G GAS SERVICE
— OHE —	OVERHEAD ELECTRIC
— OHT —	OVERHEAD PHONE
— FO —	FIBER OPTIC CABLE

11/05/2024
24SP10117
C1.5

CONTRACTOR CAUTION!!
VERIFY SEWER LINE ELEVATION

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

IF A WORKABLE FLOW LINE HAS NOT BEEN ESTABLISHED AT THE TIME OF FINAL SANITARY SEWER SERVICE CONNECTION, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES ASSOCIATED WITH THE INSTALLATION OF A NEW GRINDER PUMP SYSTEM TO MEET OWNER AND LOCAL REQUIREMENTS.

UTILITY NOTES:

- THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. REFER TO SPECIFICATIONS ALSO.
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- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS/INSTALLATIONS.

SPECIAL NOTE:
ANY BELOW-GRADE UTILITIES ENTERING THE BUILDING SHOULD HAVE CLAY STOPS PLACED AROUND THE UTILITY TO REDUCE WATER IN THE UTILITY TRENCH BACKFILL FROM ENTERING BELOW THE FOOTING AND/OR SLAB CAUSING SWELLING.

SPECIAL 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.

SPECIAL NOTE:
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SPECIAL NOTE:
ANY EXCAVATION ON TXDOT RIGHT OF WAY FOR UTILITY CONNECTIONS REQUIRES TXDOT UTILITY PERMIT APPLICATION.

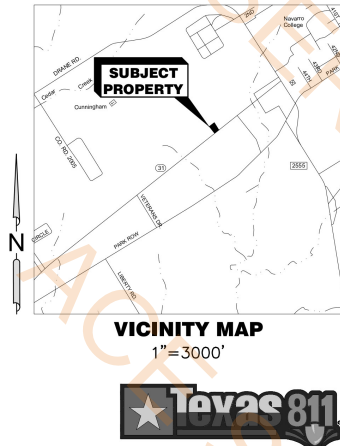
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- THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND /OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- NOTICE TO CONTRACTOR: PRIOR TO INSTALLATION OF WATER LINE, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND OWN OF ANY CONFLICTS PRIOR TO CONSTRUCTION.
- COORDINATE ALL CONSTRUCTION WITH CITY OF CORSICANA. ALL SANITARY SEWER AND WATER LINE CONSTRUCTION MUST COMPLY WITH CITY OF CORSICANA STANDARDS.
- CONTRACTOR TO PROVIDE SANITARY SEWER CLEANOUTS EVERY 50' TO ALLOW ACCESS FOR CLEANING.
- FIELD VERIFY SANITARY SEWER SERVICE CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION.

SPECIAL NOTE:
REFER TO ELECTRIC PLANS FOR ADDITIONAL SITE LIGHTING REQUIREMENTS.

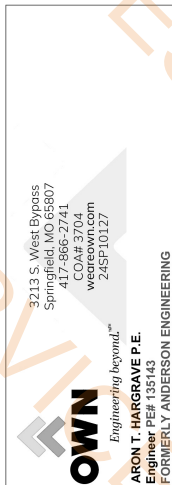
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REVISION NOTE:
SHEET ADDED TO SET.



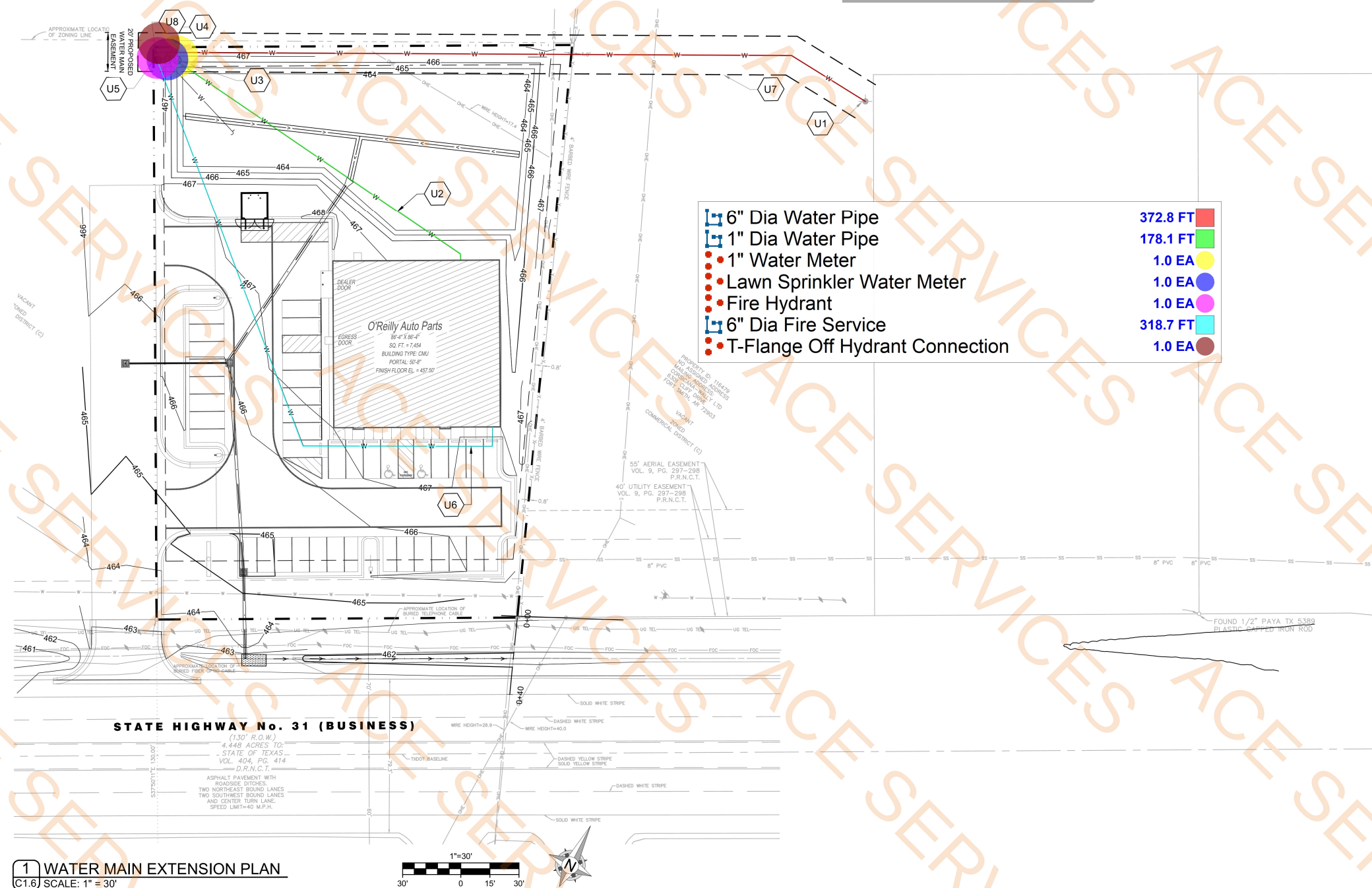
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CORPORATE OFFICES
1000 N. HIGHWAY 31
SPRINGFIELD, MISSOURI 65802
(417) 862-2874 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)
WATER LINE EXTENSION



DRAWN BY: IL
CHECKED BY: AH
DATE: 07/23/2024
REVISION:
11/05/2024
PROJECT NUMBER:
24SP10117
SHEET NUMBER

C1.6



KEY NOTES:

- U1 EXTEND EXISTING 6"Ø WATER MAIN 367 LF. FIELD VERIFY LOCATION AND ELEVATION OF EXISTING MAIN. REFER TO PIPE NOTES.
- U2 INSTALL 178 LF OF 1"Ø WATER SERVICE. CONNECT TO BUILDING. REFER TO ARCHITECTURAL PLANS FOR CONTINUATION.
- U3 INSTALL 1"Ø WATER METER.
- U4 INSTALL LAWN SPRINKLER WATER METER. SEE ARCHITECTURAL PLANS FOR CONTINUATION.
- U5 INSTALL FIRE HYDRANT.
- U6 INSTALL 372 LF OF 6"Ø FIRE SERVICE. REFER TO ARCHITECTURAL PLANS FOR CONTINUATION.
- U7 20' WIDE WATER UTILITY EASEMENT.
- U8 INSTALL T-FLANGE OFF HYDRANT CONNECTION FOR FUTURE EXPANSION.

NEW UTILITIES SYMBOLS	
(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)	
— W —	WATER SERVICE
— SAN —	SANITARY SEWER SERVICE
— UGE —	U/G ELECTRIC
— UGT —	U/G PHONE
— GAS —	U/G GAS SERVICE
— OHE —	OVERHEAD ELECTRIC
— OHT —	OVERHEAD PHONE
— FO —	FIBER OPTIC CABLE

- Heavy Duty Concrete (C2.2/2)
Standard Duty Concrete (C2.2/1)
Concrete Sidewalk (C2.2/5)
Concrete Curb (C2.2/3)
Concrete Curb W/Sidewalk (C2.2/4)
Painted Parking Symbol (C2.2/6)
Concrete Bumper Blocks
(13 EA) Steel Pipe Concrete Filled Bollards (C2.2/7)
Handicapped Parking Sign
(18 LF) 4" W Yellow Painted Parking Strip (2 Coats)
#4 x 1'-6" L Epoxy Dowel Bar @18" O.C At Existing To New Pavement
4" W Yellow Painted Parking Stripping
Concrete Pad (C2.2/5)
4" W Red Painted Fire Lane
Light Pole Concrete Foundation

21075.8 SQ FT
7190.9 SQ FT
526.0 SQ FT
804.2 FT
89.2 FT
2.0 EA
17.0 EA
1.0 EA
2.0 EA
37.0 EA
329.4 FT
245.1 FT
110.6 SQ FT
628.6 FT
3.0 EA

ZONING CODE

ZONING
CLASSIFICATION: COMMERCIAL (C)
PROPERTY AREA: (REFER SURVEY)
PAVEMENT AREA: 21,045 SQ. FT.

PARKING SUMMARY
PARKING FORMULA: 1 SP. PER 200 SQ. FT. GFA
SPACE SIZE: 9' x 20'
SPACES REQUIRED: 38
SPACES PROVIDED: 40 (38 + 2 H.C.)
H.C. SPACES PROVIDED: 2

SYMBOLS LEGEND

NOTE: REFER TO SURVEY FOR EXISTING CONDITIONS SYMBOLS LEGEND.

- NEW BUILDING CONSTRUCTION
- AREA OF CONCRETE PAVING (STANDARD)
(SEE NOTE 1)
- AREA OF CONCRETE PAVING (HEAVY)
(SEE NOTE 2)
- NEW POLE SIGN LOCATION
- NEW CONCRETE PAVING BLOCK
- NEW LIGHT POLE LOCATION
- NEW FENCE CONSTRUCTION

811
Know what's below
Call before you dig.

SPECIAL NOTE:
LAYOUT POINT FOR SITE
DEVELOPMENT LAYOUT PARALLEL
AND PERPENDICULAR TO THE
SOUTHEAST PROPERTY LINE.

ADDENDUM-1:
ADDRESSED OCTOBER 18, 2024 CIVIL PACKAGE REVIEW
COMMENTS FROM THE CITY OF CORSICANA, TEXAS.

SPECIAL NOTE:
PRIOR TO CONTRACT CLOSEOUT, CONTRACTOR SHALL SECURE
THE SERVICES OF A REGISTERED LAND SURVEYOR TO PROVIDE
SITE SURVEY OF COMPLETED PROJECT CONDITIONS AND SUBMIT
FOR REVIEW AND APPROVAL BY OWNER. REFER TO PROJECT
MANUAL FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. ALL
ON SITE CONCRETE TO BE 4,000 PSI.
- (B) SITE DIMENSIONS TO FACE OF CONCRETE FOUNDATION, SIDEWALK,
CURB GUTTER LINE, PROPERTY LINE, OR CENTER LINE OF STRIPING
UNLESS OTHERWISE NOTED.
- (C) COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT
DRAWINGS.
- (D) REFER TO STRUCTURAL DRAWINGS FOR BUILDING DIMENSIONS
AND LAYOUT OF SIDEWALKS ADJACENT TO BUILDING PERIMETER.
- (E) PRIOR TO INSTALLATION, CONTRACTOR TO VERIFY LOCATIONS OF
LIGHT POLES, LANDSCAPING, AND UTILITIES DO NOT CONFLICT
WITH SITE SIGN LOCATION SHOWN. IF CONFLICT IS DISCOVERED,
CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE PRIOR TO
PROCEEDING WITH THE WORK.
- (F) FOR BUILDING FRONT SIDEWALK GENERAL DEVELOPMENT LAYOUT
CONCEPT, REFER TO DETAIL 12/C2.2.

KEY NOTES

- (1) CONCRETE PAVING (STANDARD DUTY) AT PARKING AREAS, REFER
TO DETAIL 1/C2.2.
- (2) CONCRETE PAVING (HEAVY DUTY) AT DRIVE AREAS, DRIVE APRONS,
FIRE LANES, AND REFUSE AREA, REFER TO DETAIL 2/C2.2.
- (3) CONCRETE CURB, REFER TO DETAIL 3/C2.2.
- (4) CONCRETE SIDEWALK CURB, REFER TO DETAIL 4/C2.2. REFER TO
STRUCTURAL DRAWINGS FOR LAYOUT OF CONTROL AND
EXPANSION JOINTS ADJACENT TO BUILDING PERIMETER.
- (5) CONCRETE SIDEWALK, REFER TO DETAIL 5/C2.2 AND STRUCTURAL
DRAWINGS FOR LAYOUT ADJACENT TO BUILDING PERIMETER.
- (6) ACCESSIBLE PARKING SYMBOL PAVEMENT STRIPPING, REFER TO
DETAIL 6/C2.2.
- (7) STEEL BOLLARD, REFER TO DETAIL 7/C2.2. PROVIDE (2) AT REFUSE
CONTAINER AREA, (2) AT SECTIONAL OVERHEAD LIGHT DOOR,
AND (8) AT FRONT ENTRY. REFER TO STRUCTURAL DRAWINGS FOR
LAYOUT OF BOLLARDS ADJACENT TO BUILDING PERIMETER.
- (8) ACCESSIBLE PARKING SIGN, REFER TO DETAIL 8/C2.2.
- (9) ACCESSIBLE AISLE TRANSITION, REFER TO DETAIL 9/C2.2.
- (10) NOT USED
- (11) ACCESSIBLE PARKING SPACE WITH ACCESS AISLE (ADA
COMPLIANT) TO SLOPE 2% MAXIMUM IN ALL DIRECTIONS. PROVIDE
PAVEMENT MARKINGS TO MATCH STRIPING COLOR UNLESS
OTHERWISE REQUIRED TO COMPLY WITH GOVERNING
ACCESSIBILITY REGULATIONS. REFER TO 12/C2.2 FOR ACCESS
AISLE DETAILING.
- (12) REFUSE ENCLOSURE, REFER TO 1/C2.3.
- (13) CONCRETE BUMPER BLOCK (8" W X 5' H X 6'-0" LONG) ANCHORED
TO PAVING WITH (2)1'-6" LONG #4 REBAR.
- (14) PARKING LOT LIGHTING, REFER TO SITE UTILITY PLAN FOR TYPE
AND CONSTRUCTION.
- (15) 4" WIDE PAVEMENT STRIPING AS SHOWN USING HIGHWAY MARKING
PAINT - YELLOW (2 COATS).
- (16) SITE SIGN, REFER TO SHEET SG1.1 FOR TYPE, CONSTRUCTION AND
LOCATION. SIGN OWNER FURNISHED AND INSTALLED (REFER TO
SCOPE OF WORK SCHEDULE). REFER TO SITE UTILITY PLAN FOR
ADDITIONAL REQUIREMENTS.
- (17) CONCRETE DRIVE APRON TO BE INSTALLED PER CITY AND / OR
STATE DESIGN STANDARDS. IF NO STANDARDS PROVIDE
CONCRETE CONSTRUCTION PER DETAIL 2/C2.2.
- (18) LIMITS OF NEW PAVING. MATCH EXISTING PAVEMENT TRANSITION
ELEVATIONS AT TRAIL CONCRETE TO EXISTING CONCRETE TO EXISTING
CONCRETE PAVEMENT. EPOXY DOWEL 6" MINIMUM INTO EXISTING
WITH #4 X 1'-6" SMOOTH DOWELS MATCHING NEW PAVEMENT
REINFORCEMENT SPACING. PROVIDE SEALANT AT JOINTS.
- (19) ROLL DOWN CURB END TRANSITION SLOPING 1:2.
- (20) CONCRETE CURB IN RIGHT-OF-WAY TO MATCH EXISTING PER CITY
AND / OR STATE DESIGN STANDARDS.
- (21) NOT USED
- (22) NOT USED
- (23) NOT USED
- (24) CONCRETE STORM WATER CONTROL SYSTEM, REFER TO SITE
GRADING PLAN.
- (25) ACCESSIBLE CONCRETE CURB RAMP TO BE INSTALLED PER CITY
AND/OR STATE DESIGN STANDARDS. IF NO STANDARDS, PROVIDE
CONCRETE CONSTRUCTION PER DETAIL 13/C2.2.
- (26) CONCRETE DOOR PAD, REFER TO DETAIL 5/C2.2 AND
ARCHITECTURAL DRAWINGS FOR DOOR OPENING LOCATIONS.
CONCRETE PAD AT DOOR OPENINGS TO BE FLUSH WITH FINISH
FLOOR AND SLOPE 2% MAXIMUM AWAY FROM BUILDING.
- (27) NOT USED
- (28) CONCRETE LADDER PAD, REFER TO DETAIL 5/C2.2 AND
ARCHITECTURAL DRAWINGS FOR EXACT LOCATION (SLOPE 2%
MAXIMUM AWAY FROM BUILDING).
- (29) FIRE LANE TO BE INSTALL PER FIRE MARSHAL DESIGN STANDARDS.
IF NO STANDARDS, PROVIDE 4" RED STRIPING AND CURB PAINT
AROUND DRIVEWAYS AND PARKING ACCESS AISLE PERIMETER
WITH 8" WHITE HELVETICA LETTERS STATING "NO PARKING - FIRE
LANE" AT LOCATIONS INDICATED.
- RADIUS FOR THE FIRE LANE MARKINGS TO BE 30'-0" UNLESS
DETERMINED TO BE OTHERWISE BY THE FIRE MARSHAL.
- (30) 10'-0" X 45'-0" STRIPED LOADING ZONE. PROVIDE SIGNAGE NOTING
"NO PARKING - LOADING ZONE"

INDIVIDUAL ARCHITECTURAL
REGISTRATION NO. 16204
FIRM ARCHITECTURAL REGISTRATION
NO. BR 2370



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ALL OTHER PLANS, SPECIFICATIONS
OR INSTRUMENTS ARE DISCLAIMED.

O'Reilly Auto Parts
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(417) 882-2074 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS 75110
SITE DEVELOPMENT PLAN

Buddy Webb & Company, Inc.
Architect - Consultant
3057 EAST CAIRO
SPRINGFIELD, MISSOURI 65802
(417) 877-1385 TELEPHONE
(417) 877-9738 FAX

DRAWN BY: MEC
CHECKED BY: SB

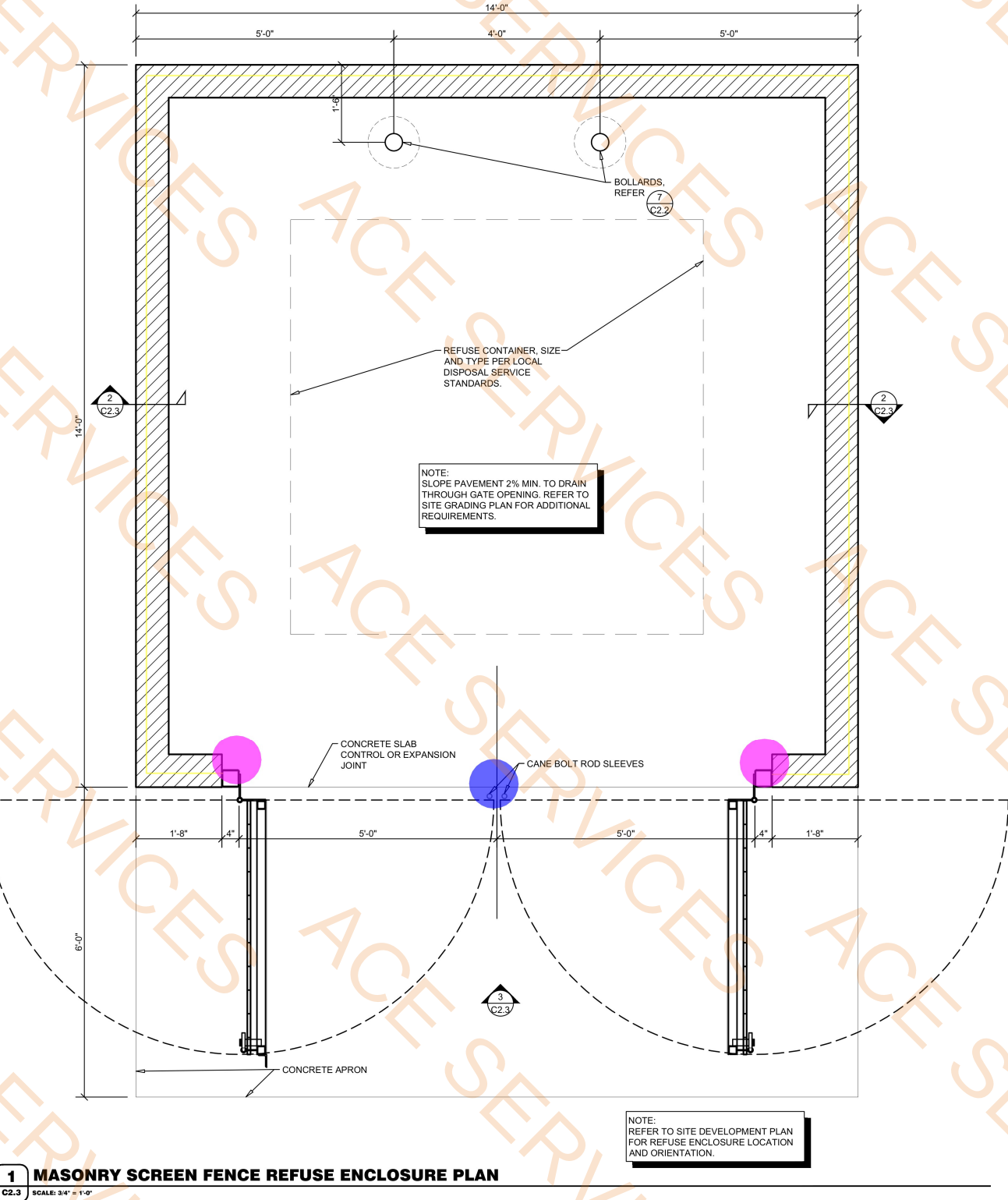
DATE:
07/19/24

REVISION:
AD-1 11/5/2024

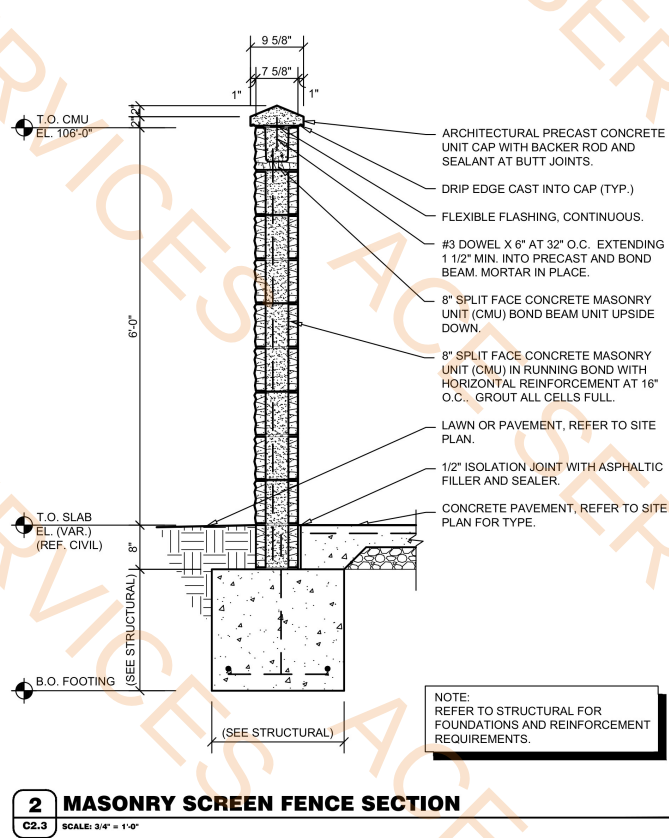
PROJECT NUMBER:
CR2

SHEET NUMBER
C2.1

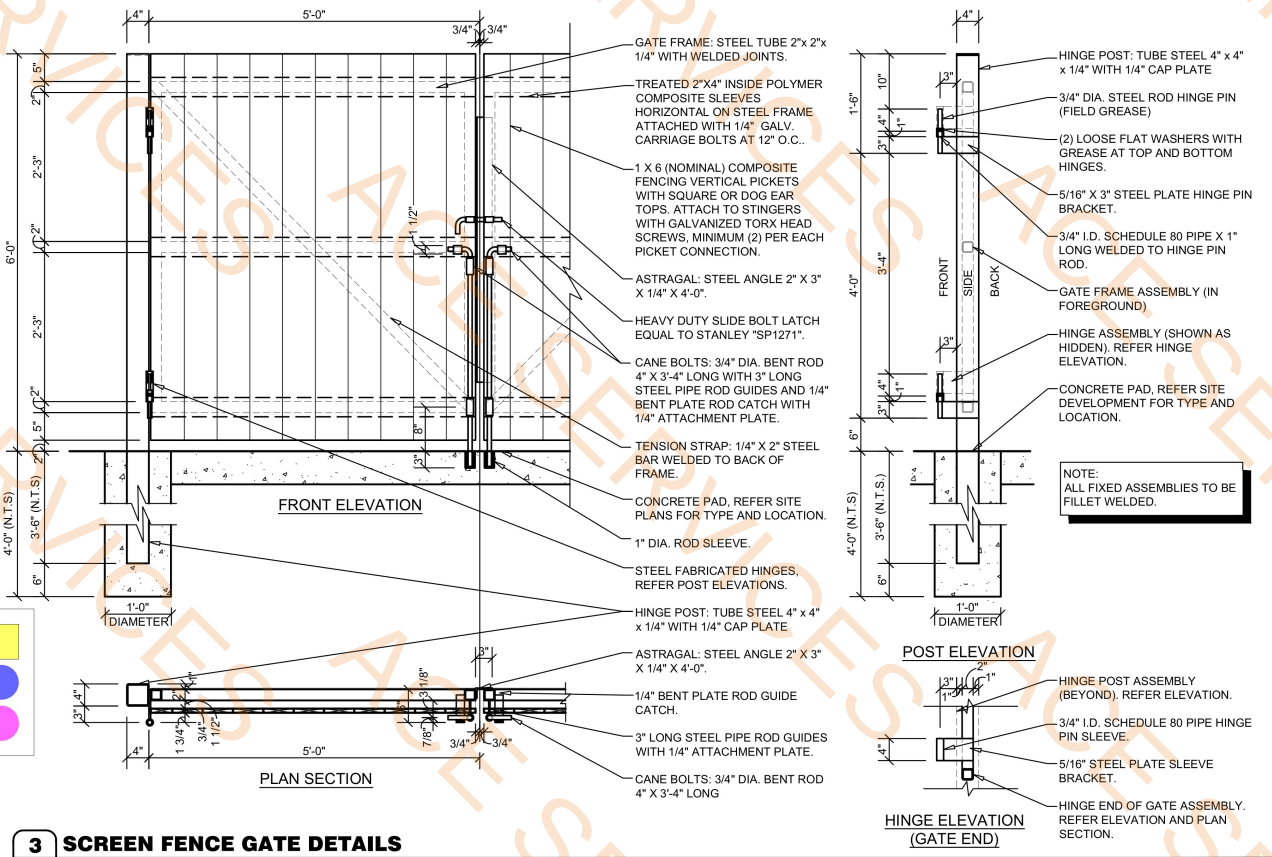
1 SITE DEVELOPMENT PLAN
C2.1 SCALE: 1" = 20'-0"



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



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



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

GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- DIMENSIONS ARE TO ROUGH FACE OF CONCRETE, MASONRY, FRAMING, OR CENTER LINE OF STRUCTURE UNLESS OTHERWISE INDICATED.
- REFER TO CIVIL AND STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- REFER TO ARCHITECTURAL EXTERIOR FINISH SCHEDULE FOR MATERIAL TYPES, COLORS, AND FINISHES. UNLESS OTHERWISE INDICATED PROVIDE FINISHES AS FOLLOWS:
 - ALL MASONRY SURFACES TO MATCH TEXTURES AND FIELD COLOR OF BUILDING. EXPOSED MASONRY INSIDE ENCLOSURE TO BE PRIMED AND PAINTED (2) COATS OF COLOR TO MATCH ENCLOSURE EXTERIOR MASONRY.
 - ALL EXPOSED ARCHITECTURAL PRECAST TO BE NATURAL CONCRETE COLOR IN SMOOTH FORM FINISH.
 - ALL NON-GALVANIZED METAL PARTS TO BE PRIMED AND PAINTED (2) COATS SHERWIN WILLIAMS SW6468 "HUNT CLUB".
 - COMPOSITE FENCING MATERIAL COLOR TO BE EQUAL TO LOUISIANA-PACIFIC - LP ELEMENTS ATLAS COLLECTION-76 SERIES "PORTLAND STORM" OR MIDWEST MANUFACTURING - ULTRADECK "NEW".



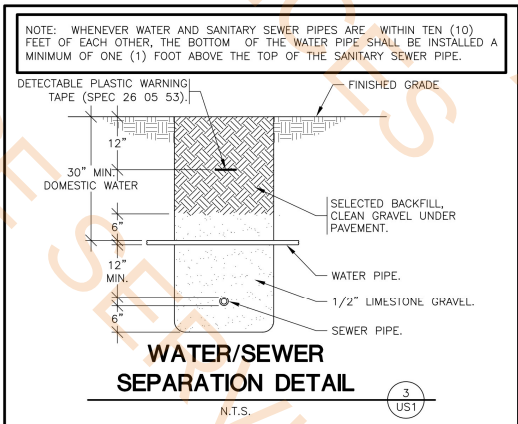
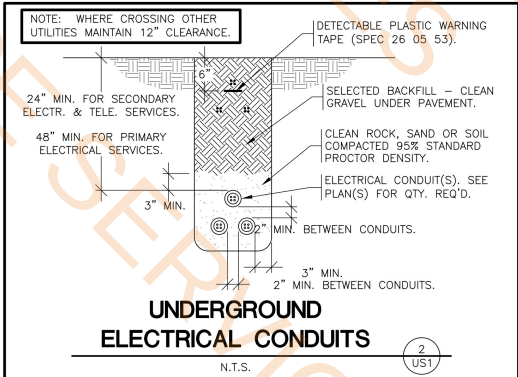
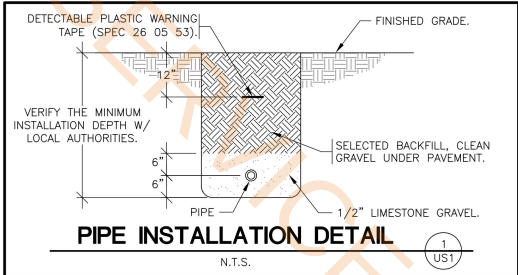
O'Reilly AUTO PARTS
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PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS 75110
SITE DEVELOPMENT DETAILS

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DRAWN BY: **MEC** CHECKED BY: **SB**
DATE: **07/19/24**
REVISION:
PROJECT NUMBER: **CR2**
SHEET NUMBER

C2.3



- EXISTING CONDITIONS NOTES**
1. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID, REFER TO SPECIFICATIONS ALSO.
 2. 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.
 3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.
 4. 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.
 5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS/INSTALLATIONS.

- TELEPHONE SERVICE REQUIREMENTS**
- SPECIAL NOTE: NEW PHONE SERVICE TO BUILDING SHALL BE AN UNDERGROUND SERVICE. CONTRACTORS TO SCHEDULE INSTALLATION OF U/G TELEPHONE SERVICE CONDUIT WITH OWNER. CONTACT (417) 874-7288.
- CONTRACTOR SHALL CONTACT PHONE COMPANY AND VERIFY REQUIRED SIZE OF CONDUIT (2", 3" OR 4") PVC SCHEDULE 40 CONDUIT WITH RIGID GALVANIZED STEEL LONG SWEEP BENDS @ 18-24" DEPTH FOR PHONE SERVICE. PROVIDE MINIMUM 1/4" POLYPROPYLENE PULL LINE. PLACE CONDUIT A MINIMUM OF 12" FROM U/G ELECTRIC CONDUIT IN SAME TRENCH.
- CAP END OF CONDUIT AT PROPERTY LINE BELOW FINISHED GRADE AND INSTALL CABLE MARKER FOR PHONE COMPANY, IF NECESSARY. OTHERWISE, CONTINUE PHONE SERVICE CONDUIT TO A POLE AND INSTALL RIGID GALVANIZED STEEL CONDUIT A MINIMUM 10' (R.L.) ABOVE FINISHED GRADE ATTACHED TO POLE.
- CONTRACTOR SHALL COORDINATE INSTALLATION AND VERIFY REQUIREMENTS WITH PHONE COMPANY. PLUS INCLUDE ALL FEES (IF ANY) BY PHONE COMPANY FOR INSTALLATION OF NO LESS THAN 10 PAIR CABLE, IN MENTIONED CONDUIT, TO CONTRACTOR INSTALLED 4' X 6' X 3/4" FIRE RETARDING BACKBOARD (IF PLYWOOD, PAINT BOARD W/FIRE RETARDING PAINT) WITHIN BUILDING. CONTRACTOR TO PROVIDE #6 AWG CU. GROUND TO TELEPHONE EQUIPMENT LOCATION FROM ELECTRICAL GROUNDING ELECTRODE SYSTEM. FINAL CONNECTIONS AND INSIDE PHONE WIRING BY OWNER.
- ONLY IF UNDERGROUND PHONE SERVICE IS NOT AVAILABLE THEN MAY CONTRACTOR INSTALL APPROPRIATE OVERHEAD PHONE SERVICE RISER, WEATHER HEAD, ETC. COORDINATE WITH OWNER & PHONE CO.

CONTRACTOR CAUTION!!!

VERIFY SEWER LINE ELEVATION

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

IF A WORKABLE FLOW LINE HAS NOT BEEN ESTABLISHED AT THE TIME OF FINAL SANITARY SEWER SERVICE CONNECTION, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES ASSOCIATED WITH THE INSTALLATION OF A NEW GRINDER PUMP SYSTEM (LIBERTY PUMPS #D4896LSG203-36-S-FRPHD).

- 4" Sanitary Sewer Pipe
- Underground Electric And Phone Service
- 1" Dia Water Pipe
- Duplex Grinder Station Pump
- Overhead Electric Line
- 3-Phase Pad Mounted Transformer (Only Inst...

153.5 FT

114.6 FT

4.9 FT

1.0 EA

284.0 FT

1.0 EA

UTILITIES CONTACTS:

ELECTRIC: ONCOR: 888-313-6862
TELEPHONE: AT&T: 800-924-9420
WATER: CITY OF CORSICANA, TERRY FRANKS: 903-654-4884
SEWER: CITY OF CORSICANA, TERRY FRANKS: 903-654-4884
GAS: NO NATURAL GAS THIS STORE.

CONTRACTOR TO CONTACT UTILITY COMPANIES FOR TAPPING AND FINAL CONNECTION RESPONSIBILITIES.

NEW UTILITIES

W WATER SERVICE
IR IRRIGATION SERVICE
USE UNDERGROUND ELECTRIC
UNDERGROUND PHONE
SANITARY SEWER
OVERHEAD ELECTRIC
OVERHEAD PHONE
GAS SERVICE (BY GAS CO.)
SAW CUT
BORE
GRAVEL

P.O.C. = POINT OF CONNECTION BETWEEN SITE PIPING (SPEC 02700) AND BUILDING PIPING (SPEC 21 13 13, 22 00 00) LOCATED 5'-0" OUTSIDE BUILDING, AS NECESSARY SPEC 21 13 13 DENOTES LANDSCAPE IRRIGATION.

STATE OF TEXAS LIMITATION

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

Brent L. Courter 11/05/24
BRENT L. COURTER (DATE)

LICENSE RENEWAL DATE IS DECEMBER 31, 2024

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GENERAL NOTE:

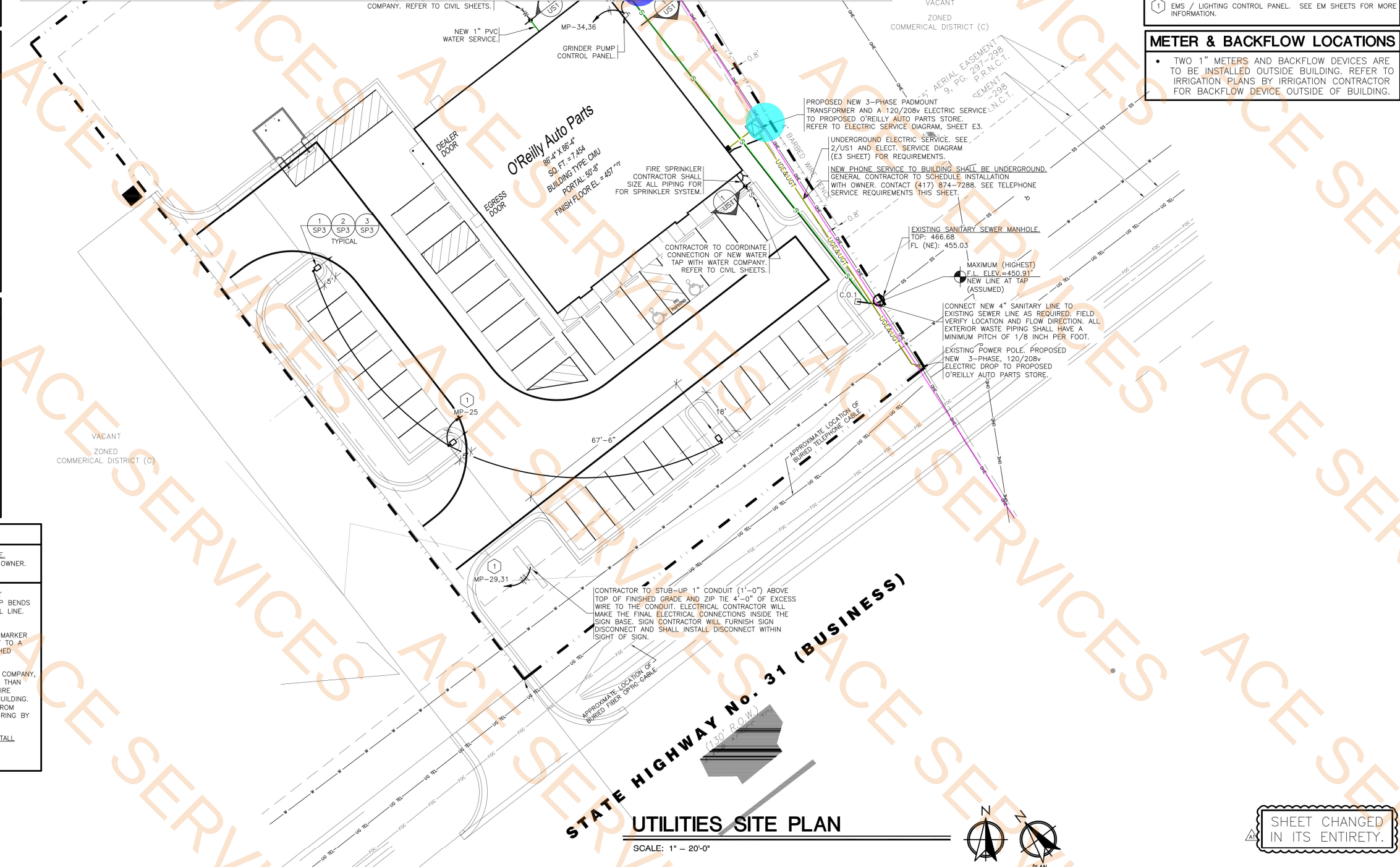
PRIOR TO INSTALLATION, GENERAL CONTRACTOR SHALL CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR SHALL CONTACT THE O'REILLY PROJECT ADMINISTRATOR BEFORE PROCEEDING.

EMS KEYNOTE

1 EMS / LIGHTING CONTROL PANEL. SEE EM SHEETS FOR MORE INFORMATION.

METER & BACKFLOW LOCATIONS

TWO 1" METERS AND BACKFLOW DEVICES ARE TO BE INSTALLED OUTSIDE BUILDING. REFER TO IRRIGATION PLANS BY IRRIGATION CONTRACTOR FOR BACKFLOW DEVICE OUTSIDE OF BUILDING.



STATE OF TEXAS

Brent L. Courter

BRENT L. COURTER

11/05/24

133553

LICENSED PROFESSIONAL ENGINEER

Smith-Goth Engineers, Inc. F-1611

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O'Reilly AUTO PARTS

CORPORATE OFFICES

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(417) 862-2674 TELEPHONE

PROJECT:

NEW O'REILLY AUTO PARTS STORE

4112 STATE HWY 31 WEST

CORSICANA, TEXAS (CR2)

UTILITIES SITE PLAN

3855 S. JEFFERSON AVE.
SPRINGFIELD, MO 65807

P: 417-882-2200
F: 417-882-1188
WWW.SMITH-GOTH.COM

SGE

SMITH-GOTH ENGINEERS, INC.

DRAWN BY: NAR
CHECKED BY: ALT/BLC

DATE: 07/18/24

REVISION: AD01 11/05/24

PROJECT NUMBER: CR2

SHEET NUMBER

US1

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 SOD (L1.2/1)	29779.6 SQ FT
 Tree A	3.0 EA
 Tree B	3.0 EA
 Plant C	20.0 EA
 Plant D	12.0 EA
 Planting Bed For Mulching And Top Soiling	295.9 SQ FT
 Steel Edging (L1.2/2)	73.1 FT

PLANTING SCHEDULE					
REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. ALL PLANTINGS MAY BE SUBSTITUTED DUE TO REGION OR LOCAL REQUIREMENTS IF NECESSARY					
MARK	COMMON NAME	BOTANICAL NAME	SIZE	DETAIL	NOTES
(A)	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER MIN.	5/L1.2	WELL BRANCHED, FULL HEAD, 10' HEIGHT MIN.
(B)	NATCHEZ CRAPE MYRTLE	LAGERSTOEMIA X 'NATCHEZ'	3" CALIPER MIN.	5/L1.2	MULTI TRUNK, FULL HEAD, 8' HEIGHT MIN.
(C)	LITTLE LEAF BOXWOOD	BUXUS MICROPHYLLA	3 GALLON	4/L1.2	FULL PLANT
(D)	GULF MUHLY GRASS	MUHLENBERGIA CAPILLARIS	3 GALLON	4/L1.2	FULL PLANT

GENERAL NOTES

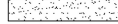
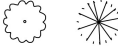
- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- (B) SITE CONDITIONS BASED UPON SURVEY PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION. NOTIFY ARCHITECT IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY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

KEY NOTES

- (1) AREA OF PLANTING, PLANTING BED AREAS TO RECEIVE 3" OF COMPOST TILLED TO A DEPTH OF 6" COMBINING EXISTING SOIL AND COMPOST TOGETHER. HARDWOOD MULCH AT A DEPTH OF 3" TO PLANTING AREA.
- (2) AREA OF TREE, TREE PITS TO BE BACKFILLED WITH COMBINATION OF COMPOST AND EXISTING SOIL. COMPOST/SOIL MIX SHOULD BE 50/50. HARDWOOD MULCH AT A DEPTH OF 3" TO TREE RING.
- (3) AREA OF SOD, REFER TO DETAIL 1/L1.2.
- (4) LANDSCAPE EDGING, REFER TO DETAIL 2/L1.2. PROVIDE AT ALL GROUND COVER TYPE TRANSITIONS.

SYMBOLS LEGEND

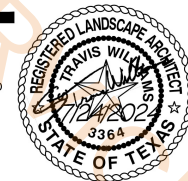
NOTE: REFER TO SURVEY SHEET FOR SYMBOLS LEGEND OF EXISTING CONDITIONS.

	NEW AREA OF LANDSCAPE GRAVEL
	NEW AREA OF SOD
	SHRUB PLANTING
	CANOPY TREE

CAUTION:
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OF UNDERGROUND AND OTHER
UTILITIES IS NOT GUARANTEED TO
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DETERMINATION AS TO THE TYPE
AND LOCATION OF UNDERGROUND
AND OTHER UTILITIES AS MAY BE
NECESSARY TO AVOID DAMAGE
THERE TO.



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Call before you dig.



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PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS 75110

LANDSCAPE PLAN

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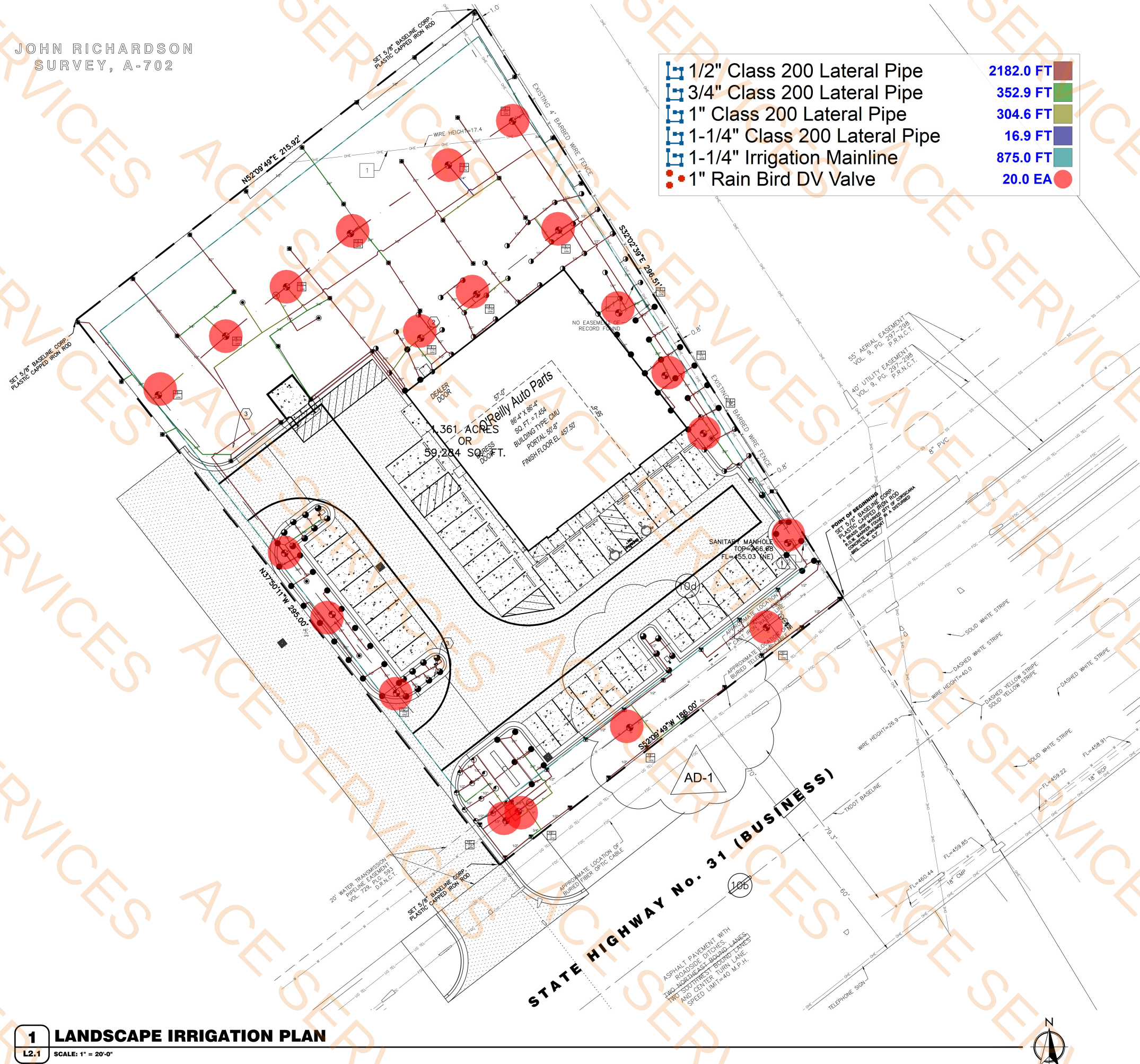
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CHECKED BY: STW
DATE: 07/19/24
REVISION: 11/05/24
PROJECT NUMBER: CR2
SHEET NUMBER

L1.1

1 LANDSCAPE PLAN

L1.1 SCALE: 1" = 20'-0"

JOHN RICHARDSON
SURVEY, A-702

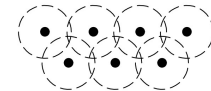


GENERAL NOTES

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

COVERAGE REQUIREMENTS

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



KEY NOTES

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

SYMBOLS LEGEND

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

0	Hunter RCP Rotor 30'
02	Hunter RCP Rotor 30'
04	Hunter RCP
06	Hunter Pro-Spray 12'
08	Hunter Pro-Spray 10'
10	Hunter Pro-Spray 8'
12	Hunter Pro-Spray 6'
14	Hunter Pro-Spray SST
16	Rain Bird 1300V Booster
18	1" Rain Bird DV Valve
20	1" Rain Bird DV Valve
22	1" Rain Bird DV Valve
24	1" Rain Bird DV Valve
26	1" Rain Bird DV Valve
28	1" Rain Bird DV Valve
30	1" Rain Bird DV Valve
32	1" Rain Bird DV Valve
34	1" Rain Bird DV Valve
36	1" Rain Bird DV Valve
38	1" Rain Bird DV Valve
40	1" Rain Bird DV Valve
42	1" Rain Bird DV Valve
44	1" Rain Bird DV Valve
46	1" Rain Bird DV Valve
48	1" Rain Bird DV Valve
50	1" Rain Bird DV Valve
52	1" Rain Bird DV Valve
54	1" Rain Bird DV Valve
56	1" Rain Bird DV Valve
58	1" Rain Bird DV Valve
60	1" Rain Bird DV Valve
62	1" Rain Bird DV Valve
64	1" Rain Bird DV Valve
66	1" Rain Bird DV Valve
68	1" Rain Bird DV Valve
70	1" Rain Bird DV Valve
72	1" Rain Bird DV Valve
74	1" Rain Bird DV Valve
76	1" Rain Bird DV Valve
78	1" Rain Bird DV Valve
80	1" Rain Bird DV Valve
82	1" Rain Bird DV Valve
84	1" Rain Bird DV Valve
86	1" Rain Bird DV Valve
88	1" Rain Bird DV Valve
90	1" Rain Bird DV Valve
92	1" Rain Bird DV Valve
94	1" Rain Bird DV Valve
96	1" Rain Bird DV Valve
98	1" Rain Bird DV Valve
100	1" Rain Bird DV Valve

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PROJECT:
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LANDSCAPE IRRIGATION PLAN

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PROJECT NUMBER:
CR2
SHEET NUMBER

L2.1

1 LANDSCAPE IRRIGATION PLAN
L2.1 SCALE: 1" = 20'-0"

8" Thk Concrete Slab On Grade W/Reinforcement On Vapor Barrier (S2.1/M)

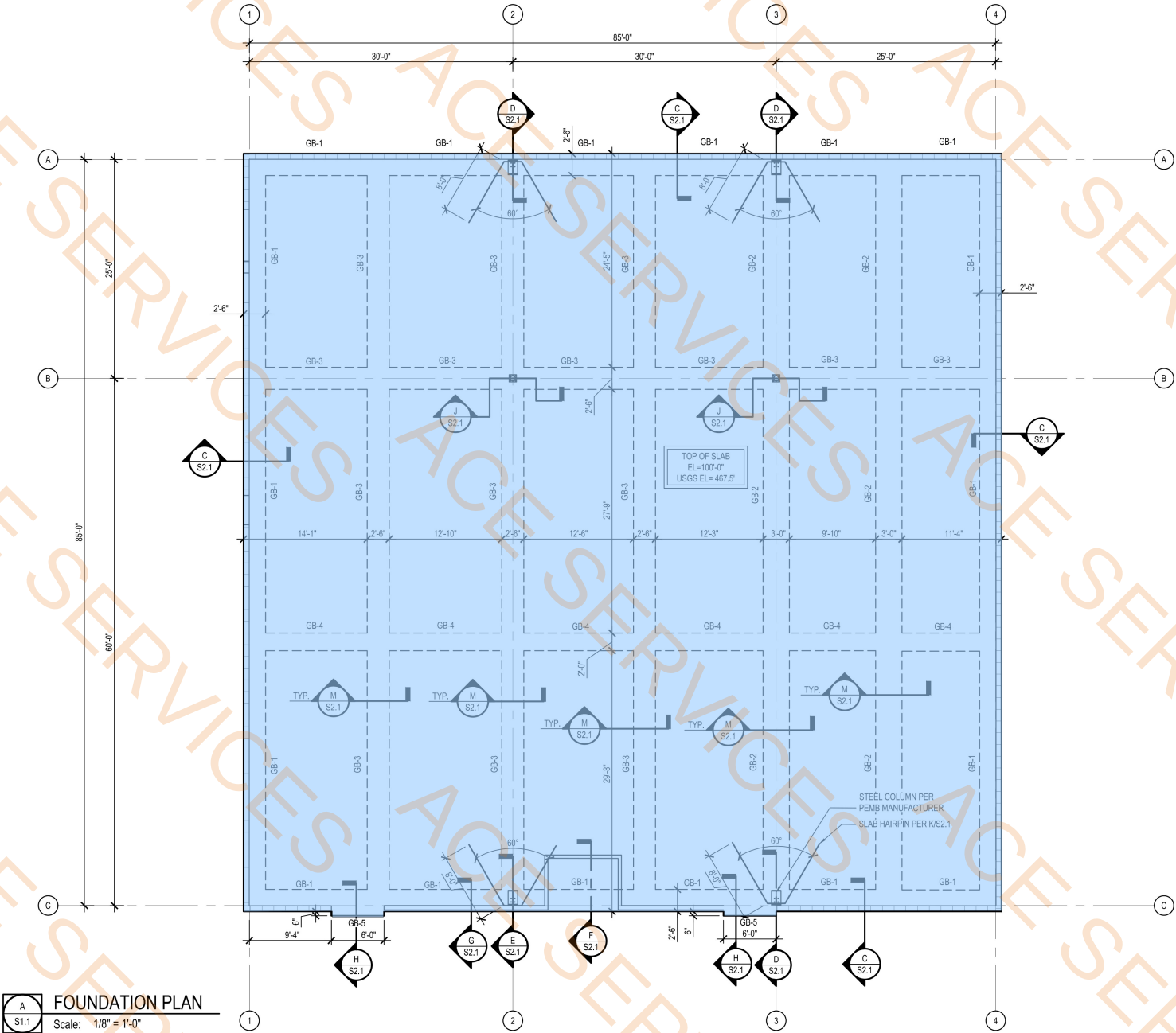
7461.5 SQ FT

GRADE BEAM SCHEDULE				
MARK	SIZE (WIDTHxDEPTH)	TOP REINFORCING	MIDDLE REINFORCING	BOTTOM REINFORCING
GB-1	30"x36"	(3) #6 BARS	(4) #6 BARS	(3) #6 BARS
GB-2	36"x30"	(4) #6 BARS	(2) #6 BARS	(4) #6 BARS
GB-3	30"x30"	(3) #6 BARS	(2) #6 BARS	(3) #6 BARS
GB-4	24"x30"	(2) #6 BARS	(2) #6 BARS	(2) #6 BARS
GB-5	36"x36"	(3) #6 BARS	(4) #6 BARS	(3) #6 BARS

GENERAL STRUCTURAL NOTES

- RE: S0.0 FOR STRUCTURAL GENERAL NOTES
- RE: S0.1 FOR BASIS OF DESIGN AND SPECIAL INSPECTIONS
- CJ - CONTROL OR CONSTRUCTION JOINT IN FLOOR SLAB, SEE A/S2.1 & B/S2.1 RESPECTIVELY.
- SEE ARCHITECTURAL AND CIVIL SHEETS FOR WATER-PROOFING AND STORM WATER DRAINAGE REQUIREMENTS.
- THE BUILDING SHALL NOT BE LOCATED ON SITE OFF OF THE STRUCTURAL DOCUMENTS. REFER TO THE CIVIL SITE PLAN AND ARCHITECTURAL PLANS FOR BUILDING LOCATION INFORMATION.
- PROVIDE (2) #4x4'-0" LONG DOWEL, TURN 45° AT SLAB INSIDE CORNERS
- SIDEWALKS & STEEL BOLLARDS ARE PER CIVIL.
- COORDINATE INSTALLATION OF UNDER SLAB MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS WITH MEP DRAWINGS.
- TYPICAL SLAB IS 8" THICK w/ #6 BARS @ 18" O.C. ALONG BOTTOM w/ (1) #6x7'-0" LONG TOP BAR @ 12" O.C. @ GRADE BEAMS, AND #4'S @ 12" O.C. IN THE SHORT DIRECTION. SEE DET. M/S2.1. TYPICAL SLAB SHALL BE PLACED ON A 10-MIL VAPOR BARRIER. CONTRACTOR TO PROVIDE VAPOR BARRIER BONDING PRODUCT TO ENSURE VAPOR BARRIER REMAINS BONDED TO UNDERSIDE OF SLAB.
- TYPICAL SLAB SHALL BE PLACED ON A 10-MIL VAPOR BARRIER. CONTRACTOR TO PROVIDE VAPOR BARRIER BONDING PRODUCT TO ENSURE VAPOR BARRIER REMAINS BONDED TO UNDERSIDE OF SLAB.
- 4" THICK VOID CARTON REQUIRED BELOW STRUCTURAL SLAB.

GRADE BEAM DESIGN IS BASED ON ASSUMED PEMB REACTIONS. DESIGN MAY CHANGE ONCE ACTUAL REACTIONS ARE PROVIDED BY PEMB



FOUNDATION PLAN
Scale: 1/8" = 1'-0"



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CORSICANA, TEXAS (CR2)
FOUNDATION PLAN

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DATE: **07/19/24**
REVISION:
PROJECT NUMBER:
METT. NO.: 24-0348
SHEET NUMBER

S1.1

- GB-1 Grade Beam
GB-2 Grade Beam
GB-3 Grade Beam
GB-4 Grade Beam
GB-5 Grade Beam
#5 Rebar Hairpin @ Slab
(2) Anchor Rods @ Columns To Footing
(2)#4 x 4' Long Dowel Bars At Corners

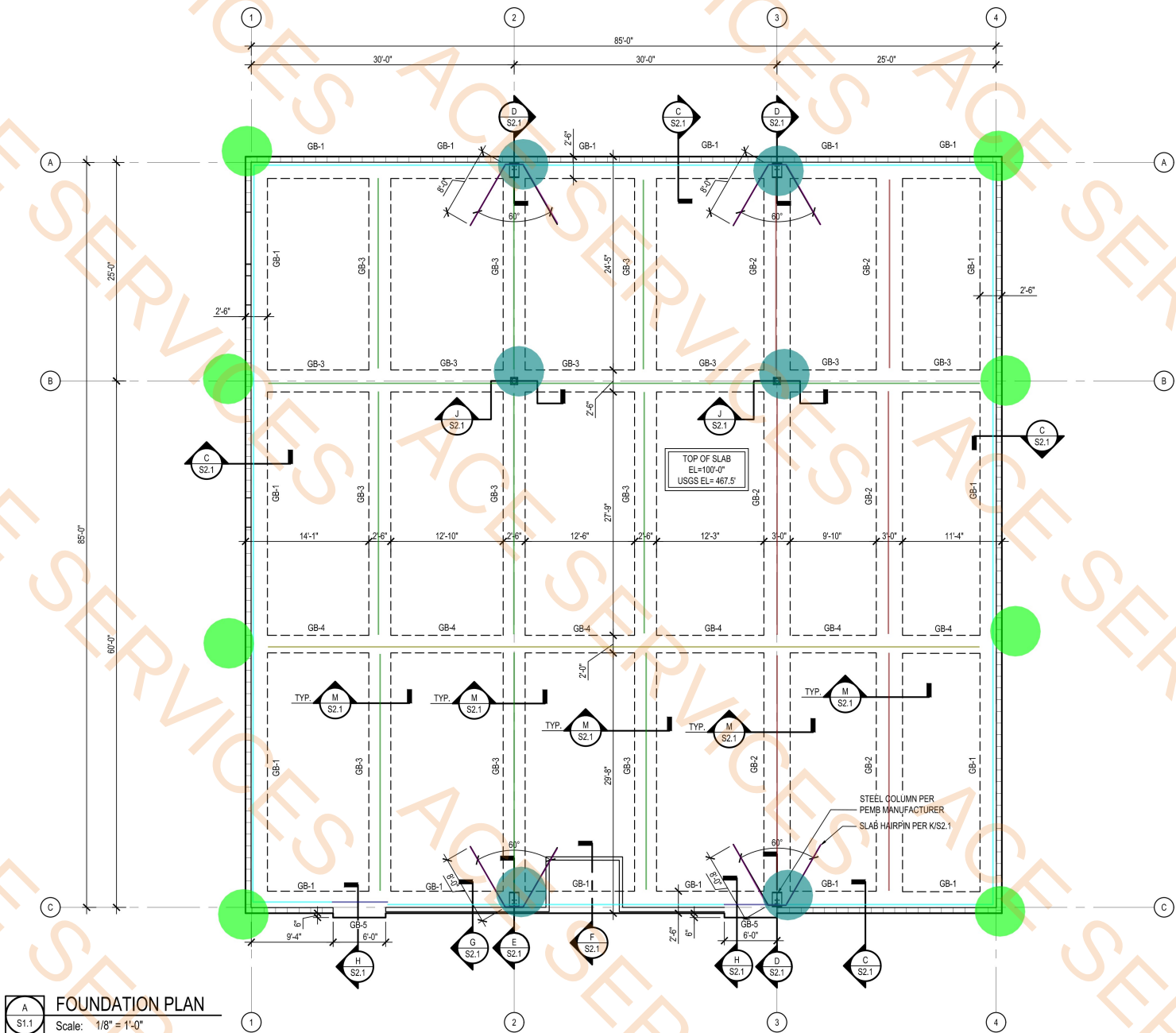
324.8 FT
153.0 FT
310.7 FT
81.2 FT
12.6 FT
71.7 FT
6.0 EA
8.0 EA

GRADE BEAM SCHEDULE				
MARK	SIZE (WIDTHxDEPTH)	TOP REINFORCING	MIDDLE REINFORCING	BOTTOM REINFORCING
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GB-3	30"x30"	(3) #6 BARS	(2) #6 BARS	(3) #6 BARS
GB-4	24"x30"	(2) #6 BARS	(2) #6 BARS	(2) #6 BARS
GB-5	36"x36"	(3) #6 BARS	(4) #6 BARS	(3) #6 BARS

GENERAL STRUCTURAL NOTES

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PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)

FOUNDATION PLAN

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DATE: 07/19/24
REVISION:
PROJECT NUMBER: METT. NO.: 24-0348
SHEET NUMBER: S1.1

Pre Engineered Metal Building System (Pulins, Spandrel Beams And Columns) @19' H

BB-1 Lintel

BB-2 Lintel

8" Thk CMU Wall (17'-4" H) S4.2/A

8" Thk CMU Wall (14'-4" H) S4.2/C

8" Thk CMU Wall (14'-4" H) S4.2/G

7251.7 SQ FT

6.7 FT

6.0 FT

206.5 FT

76.7 FT

9.3 FT

GENERAL STRUCTURAL NOTES

RE: S0.0 AND S0.1 FOR STRUCTURAL GENERAL NOTES

RE: S0.1 FOR BASIS OF DESIGN

RE: MASONRY LINTEL SCHEDULE AND TYPES FOR LINTELS OVER DOORS IN MASONRY WALLS. ALL REINFORCEMENT TO EXTEND 26" PAST OPENING

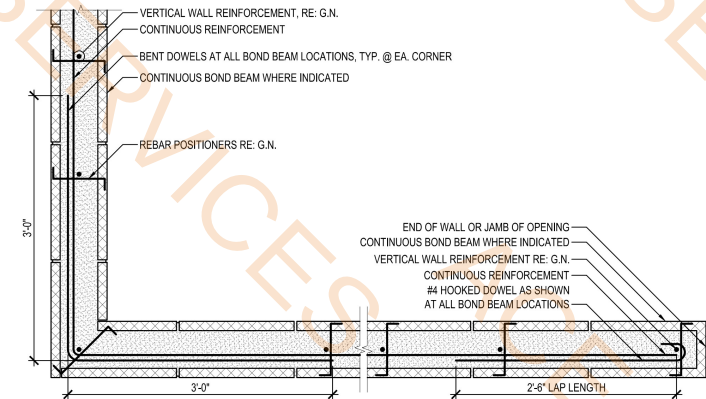
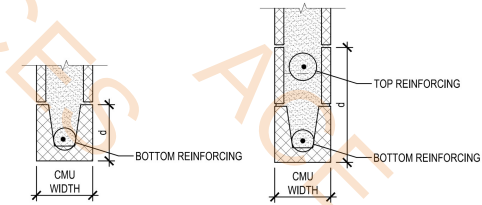
THE BUILDING SHALL NOT BE LOCATED ON SITE OFF OF THE STRUCTURAL DOCUMENTS. REFER TO THE CIVIL SITE PLAN AND ARCHITECTURAL PLANS FOR BUILDING LOCATION INFORMATION.

FULLY GROUT ALL CELLS IN MASONRY WALL A MINIMUM 4'-8" IN EA. DIRECTION FROM CORNER TO ALLOW FOR METAL BUILDING CONNECTIONS

MASONRY LINTEL SCHEDULE

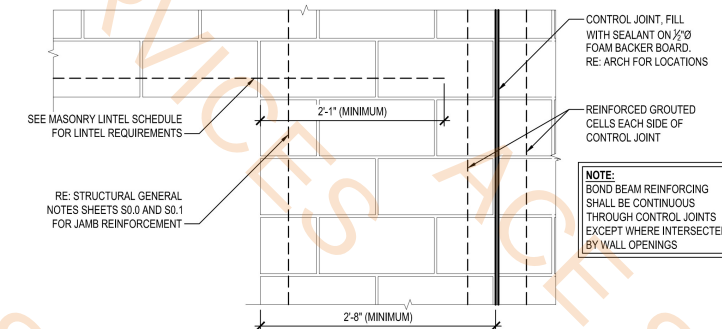
MARK	CMU WIDTH	REINFORCING TOP	REINFORCING BOTTOM	GROUT DEPTH d	SHEAR BAR #	SHEAR SPACING
BB-1	8"	N/A	(1) #5	8"	N/A	N/A
BB-2	8"	(1) #5	(1) #5	16"	N/A	N/A

MASONRY LINTEL TYPES



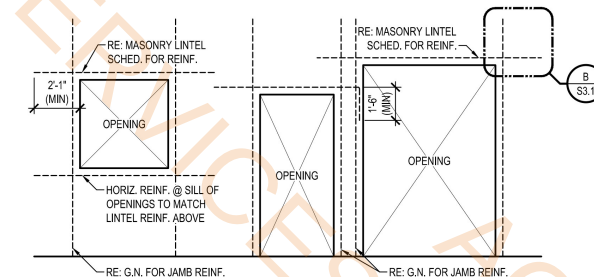
MASONRY LINTEL - TYPICAL

Scale: 1" = 1'-0"



MASONRY BOND BEAM PLAN - TYPICAL

Scale: 1" = 1'-0"



MASONRY WALL OPENINGS - TYPICAL

Scale: 1/4" = 1'-0"

FRAMING PLAN

Scale: 1/8" = 1'-0"



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FRAMING PLAN

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S3.1



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FLOOR PLAN

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DRAWN BY:
MEC

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SB

DATE:
07/19/24

REVISION:

PROJECT NUMBER:
CR2

SHEET NUMBER

A1.1

GENERAL NOTES

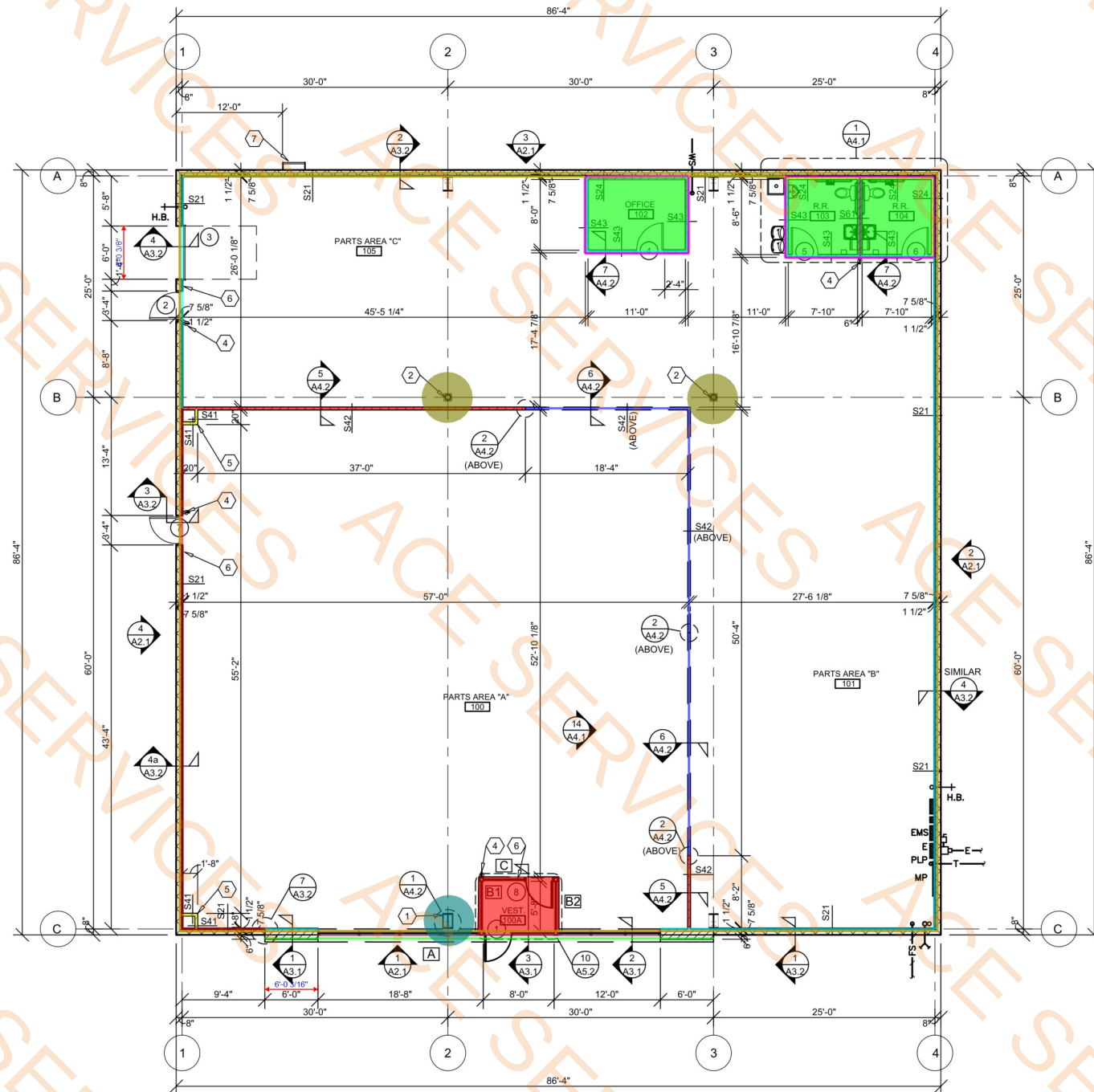
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- ALL DIMENSIONS TO ROUGH FACE OF ROUGH FRAMING, CONCRETE, MASONRY OR CENTERLINE OF STRUCTURE, UNLESS OTHERWISE NOTED. COLD FORM METAL STUD INTERIOR PARTITION DIMENSIONS 3-5/8" UNLESS OTHERWISE INDICATED AND NOT SHOWN FOR CLARITY.
- REFER TO EXTERIOR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

KEY NOTES

- CONCEALED STEEL COLUMN, REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS. PROVIDE SHEET METAL COVER WITH NO EXPOSED HORIZONTAL SEAMS. FINISH TO MATCH WINDOW FRAMING.
- EXPOSED STEEL COLUMN, REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS, (PAINT W-3, REFER INTERIOR FINISH SCHEDULE).
- (NOT USED)
- SURFACE MOUNTED PORTABLE FIRE EXTINGUISHER, REFER TO DETAIL 10/A4.2.
- SHOWROOM CORNER WALL BOX OUT. INSTALL 5/8" FIRE TREATED PLYWOOD BACKING TO BACK SIDE OF STUD INTERIOR FLANGE ON EACH EXPOSED WALL FACE FROM 8'-0" TO 10'-0" A.F.F. FOR INSTALLATION OF SECURITY MIRRORS. REFER TO 4/A4.2 (TYPICAL).
- TACTILE EXIT SIGN AT EXIT DISCHARGE DOOR STATING "EXIT" WITH BRAILLE (GRADE 2 CONTRACTED) LETTERING. SIGN CONSTRUCTION AND LOCATION TO COMPLY WITH ANSI A117.1. MOUNT 48" MINIMUM ABOVE FINISH FLOOR TO BOTTOM OF LOWEST TACTILE CHARACTER AND 60" MAXIMUM ABOVE FINISH FLOOR TO BOTTOM OF HIGHEST TACTILE CHARACTER.
- ROOF ACCESS LADDER. REFER TO EXTERIOR FINISH SCHEDULE.

INTERIOR WALL & CEILING NOTES

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

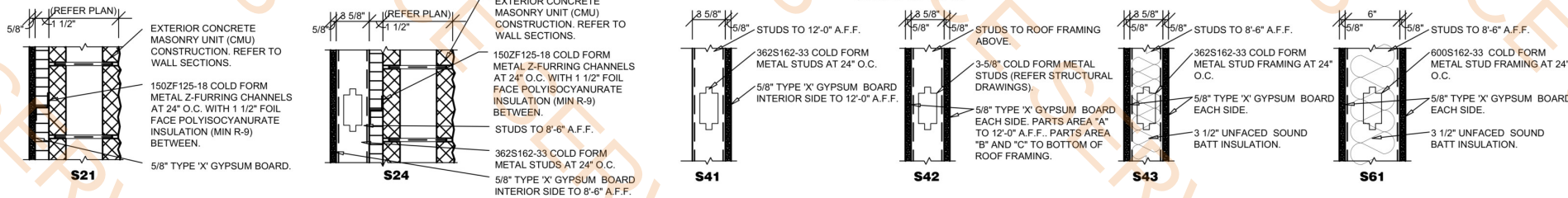


1 FLOOR PLAN

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

INTERIOR WALL TYPES

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



W-2 Paint , H: 8'-3"	38.0 FT
W-2 Paint , H: 9'-6"	242.8 FT
W-2 Paint , H: 11'-3"	77.6 FT
W-2 Paint , H: 12'-0"	71.7 FT
W-2 Paint , H: 14'-3"	149.1 FT
W-3 Paint , H: 2'-0"	320.5 FT
W-3 Paint , H: 12'-0"	38.8 FT
F-1, Polished Concrete Finish	3714.0 SQ FT
F-2, Liquid Densifier Treated Concrete	3479.4 SQ FT
B-1, Resilient Wall Base	284.6 FT
C1, Acoustical Tile Ceiling	3289.5 SQ FT
C2, Exposed Steel Framing System	3579.1 SQ FT
C3, Paint	260.7 SQ FT



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

INTERIOR FINISH SCHEDULE										
NO.	ROOM OR SPACE	FLOORING		WALLS				CEILING		NOTES
		TYPE	BASE	NORTH	EAST	SOUTH	WEST	TYPE	HEIGHT	
100	PARTS AREA (A)	F-1	B-1	W-2, 3	W-2, 3	W-2, 3	W-2, 3	C-1	11'-6"	D-3 D-3 2, 4, 6
101	PARTS AREA (B)	F-2	N/A	W-2, 3	W-2	W-2	W-2	C-2	VARIES	- - 1, 2, 3, 5
102	OFFICE	F-2	B-1	W-2	W-2	W-2	W-2	C-3	8'-6"	D-1 D-2 2
103	REST ROOM	F-2	B-1	W-4	W-4	W-4	W-4	C-3	8'-6"	D-1 D-2 2
104	REST ROOM	F-2	B-1	W-4	W-4	W-4	W-4	C-3	8'-6"	D-1 D-2 2
105	PARTS AREA (C)	F-2	N/A	W-2, 3	W-3	W-2	W-2	C-2	VARIES	D-3 D-3 1, 2, 5
100A	VESTIBULE	F-1	-	-	-	-	-	C-3	11'-4"	- -

INTERIOR FINISH SCHEDULE NOTES:
1. PAINT EXTERIOR OF (102) OFFICE, (103) RESTROOM, AND (104) RESTROOM WITH W-3 AND PROVIDE BASE B-1. WHERE MULTIPLE WALL FINISH TYPES INDICATED IN SCHEDULE RELATES TO VARIOUS WALL FINISH TYPES BY ROOM OR SPACE PLAN ORIENTATION ONLY AND IS NOT INTENDED AS WAINSCOT PATTERNING OF FINISHES ON A SINGLE WALL PLANE.
2. LOCATION OF BASE GRAPHICALLY INDICATED ON DRAWING. REFER SYMBOLS LEGEND.
3. PROVIDE PIECES OF 2' LENGTH BASE FOR INSTALLATION AT ENDS OF PARTS AREA "B" FIXTURES FACING PARTS AREA "A".
4. REFER TO ELECTRICAL DRAWINGS FOR GRID LAYOUT.
5. (WHERE OCCURS) PAINT INTERIOR ISOLATED EXPOSED STRUCTURAL STEEL COLUMNS TO MATCH W-3. (UNLESS OTHERWISE INDICATED) EXPOSED EXTERIOR PERIMETER STRUCTURAL STEEL COLUMNS TO BE FACTORY PRIMED ONLY.
6. REFER TO 14/A4.1 FOR PARTS AREA "A" TYPICAL PAINT SCHEME LAYOUT AND FINISH TYPE LOCATIONS FOR ROOM INTERIOR PERIMETER WALLS.

SYMBOLS LEGEND

	F-1: POLISHED CONCRETE:
	F-2: LIQUID DENSIFIER TREATED CONCRETE
	B-1: BASE:

GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- FIXTURES AND EQUIPMENT SHOWN FOR REFERENCE ONLY AND ARE OWNER FURNISHED AND INSTALLED.
- DIMENSIONS TO ROUGH FACE OF ROUGH FRAMING OR FACE OF FIXTURE UNLESS OTHERWISE NOTED.
- PROVIDE SUSPENDED CEILING SEISMIC BRACING WHERE REQUIRED, REFER TO DETAIL 9/A4.2.
- ALL FINISH SUBSTITUTION REQUEST REQUIRE OWNER PRIOR APPROVAL.

INTERIOR FINISH TYPES

FLOORS

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

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

BASE

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

WALLS

W-1: (NOT USED)

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

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

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

CEILINGS

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

C-2:
TYPE: EXPOSED INSULATION VAPOR BARRIER (WHITE) AND EXPOSED STEEL FRAMING SYSTEM (FACTORY PRIMED)

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

DOORS AND FRAMES

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

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

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



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INTERIOR FINISH PLAN

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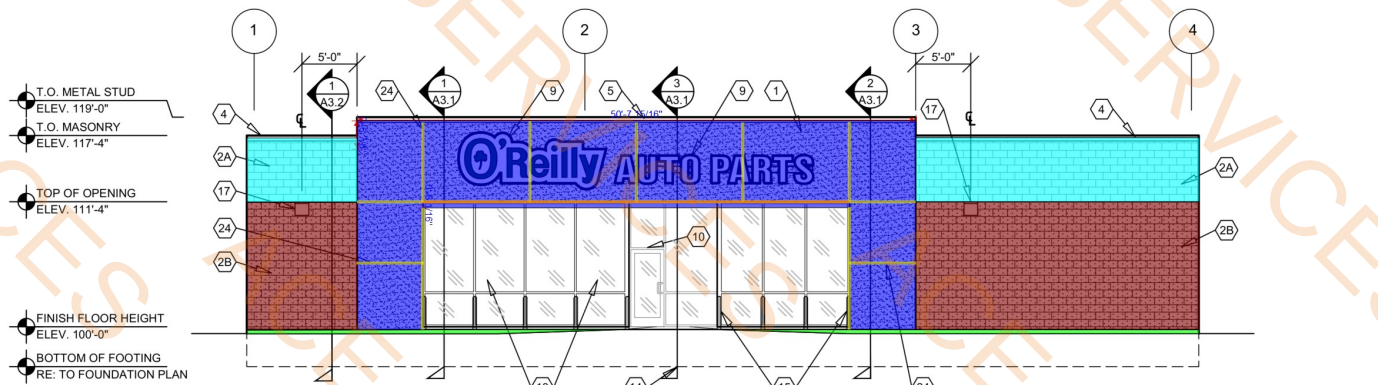
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07/19/24

REVISION:

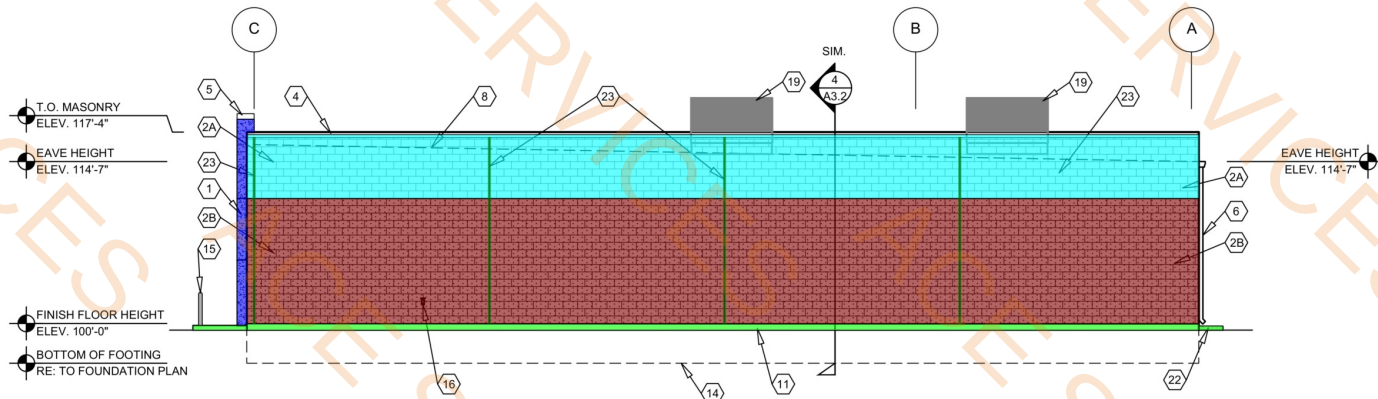
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CR2

SHEET NUMBER

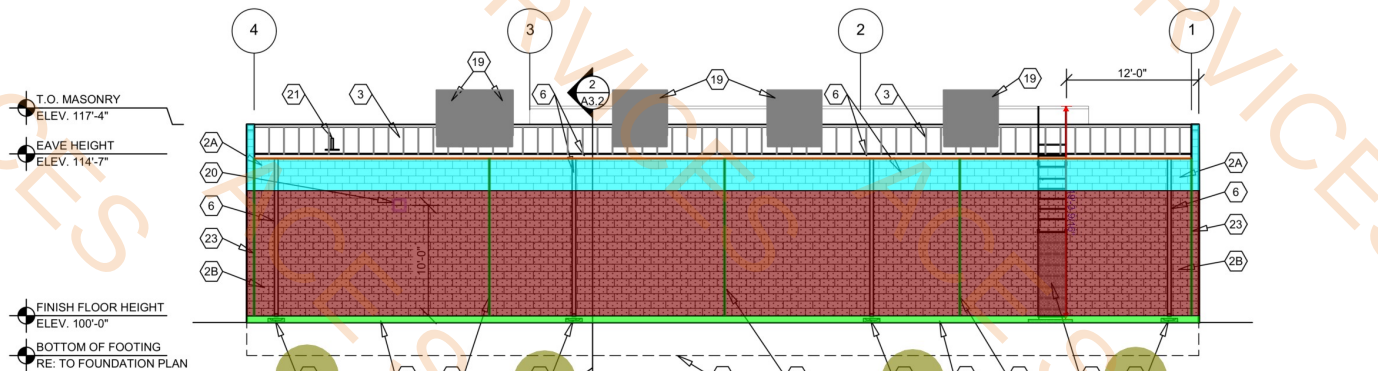
A1.2



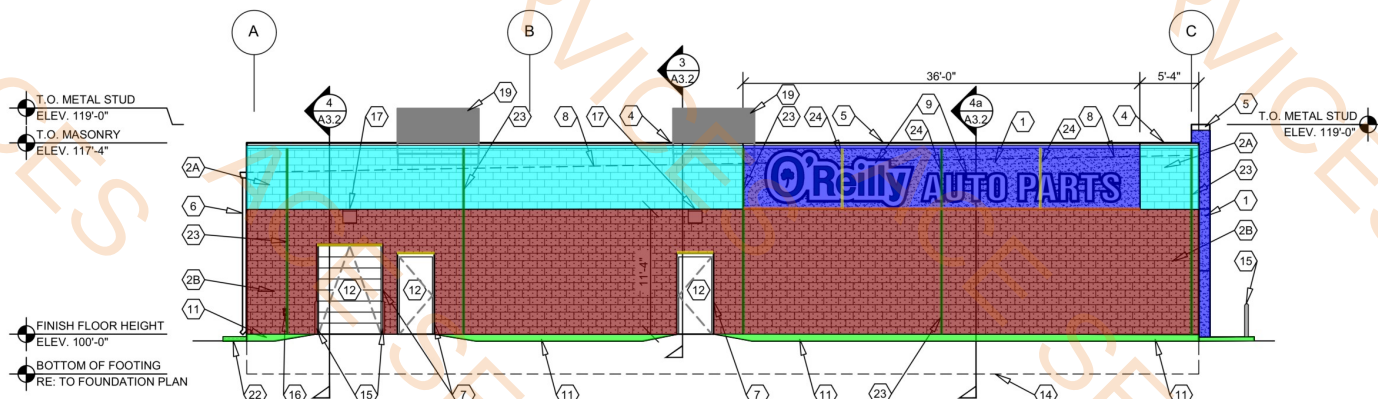
1 FRONT EXTERIOR ELEVATION
SG2.1 SCALE: 1/8" = 1'-0"



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



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



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

GENERAL NOTES

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

EXTERIOR FINISH SCHEDULE

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

KEY NOTE NO. 1:
MFG: DRYVIT SPECIFIED. EQUAL BY STO OR MASTER BUILDERS (NO SUBSTITUTES)
SERIES: OUTSULATION PLUS MD
TEXTURE: SANDBLAST
COLOR: DRYVIT "ORAP010305" STRATOTONE HIGH PERFORMANCE
COLOR STANDARD: SHERWIN WILLIAMS "POSITIVE RED" SW6871 (SHER-CRYL) GLOSS

UNIT MASONRY

KEY NOTE NO. 2A:
TYPE: CONCRETE MASONRY UNIT (CMU)
MFG: (REFER TO PROJECT MANUAL)
SIZE: 8"x8"x16" (NOM.)
TEXTURE: SMOOTH FACE
COURSING: RUNNING BOND
FINISH: FIELD PAINT (ACCENT COLOR)
COLOR: SHERWIN WILLIAMS "SOFTER TAN" SW6141 (SATIN)
NOTE: REFER TO "CONCRETE MASONRY UNIT SPECIAL SCHEDULE OF TREATMENTS" FOR ADDITIONAL REQUIREMENTS.

KEY NOTE NO. 2B:

TYPE: CONCRETE MASONRY UNIT (CMU)
MFG: (REFER TO PROJECT MANUAL)
SIZE: 8"x8"x16" (NOM.)
TEXTURE: SPLIT FACE
COURSING: RUNNING BOND
FINISH: FIELD PAINT (FIELD COLOR)
COLOR: SHERWIN WILLIAMS "LATTE" SW6108 (SATIN)
NOTE: REFER TO "CONCRETE MASONRY UNIT SPECIAL SCHEDULE OF TREATMENTS" FOR ADDITIONAL REQUIREMENTS.

FLASHING AND SHEET METAL

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

KEY NOTE NO. 4:

TYPE: CAP FLASHING AT MASONRY
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

KEY NOTE NO. 5:

TYPE: CAP FLASHING AT EXTERIOR INSULATION FINISH SYSTEM (EIFS)
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: FACTORY PRIMED AND FIELD PAINT
COLOR: SHERWIN WILLIAMS "POSITIVE RED" SW6871 (SHER-CRYL) GLOSS
WITH SHERWIN WILLIAMS THREE COMPONENT (B65T105 / B65V105 / B65C105) CLEAR URETHANE

KEY NOTE NO. 6:

TYPE: GUTTER AND DOWNSPOUTS
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
FINISH: PREFINISHED
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

DOORS AND WINDOWS

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

KEY NOTE NO. 13:

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

PAINTING

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

ROOF ACCESS LADDER:

KEY NOTE NO. 25:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 26:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 27:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 28:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 29:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 30:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 31:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 32:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 33:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 34:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 35:
TYPE: (REFER TO PROJECT MANUAL)
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COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 36:
TYPE: (REFER TO PROJECT MANUAL)
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FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 37:
TYPE: (REFER TO PROJECT MANUAL)
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FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 38:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTE NO. 39:
TYPE: (REFER TO PROJECT MANUAL)
MFG: (REFER TO PROJECT MANUAL)
FINISH: (REFER TO PROJECT MANUAL)
COLOR: (REFER TO PROJECT MANUAL)

KEY NOTES

- (1) EXTERIOR INSULATION AND FINISH SYSTEM (EIFS).
- (2A) CONCRETE MASONRY UNIT (CMU) EXTERIOR WALL CONSTRUCTION (ACCENT COLOR). REFER TO PLANS, SECTIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.
- (2B) CONCRETE MASONRY UNIT (CMU) EXTERIOR WALL CONSTRUCTION (FIELD COLOR). REFER TO PLANS, SECTIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.
- (3) PRE-ENGINEERED METAL BUILDING SHEET METAL ROOFING SYSTEM.
- (4) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING (AT MASONRY)
- (5) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING (AT EIFS)
- (6) PRE-ENGINEERED METAL BUILDING SHEET METAL GUTTER AND DOWNSPOUT SYSTEM.
- (7) CONCRETE MASONRY UNIT (CMU) CORNER FINISHED JAMB UNIT.
- (8) LINE OF ROOF BEYOND WITH 1/4":12" SLOPE MINIMUM.
- (9) SURFACE MOUNTED SIGN OWNER FURNISHED AND INSTALLED. PROVIDE BACKING FOR MOUNTING AND ROUGH-IN ELECTRICAL COORDINATE REQUIREMENTS WITH OWNER. REFER TO SHEET SG2.1.
- (10) BUILDING ADDRESS NUMBERS IN 6" HIGH HELVETICA WHITE VINYL ADHERED TO EXTERIOR FACE OF GLAZING.
- (11) EXPOSED CONCRETE FOUNDATION, PROVIDE RUBBED FINISH.
- (12) EXTERIOR DOOR AND FRAME SYSTEM. REFER TO FLOOR PLAN AND DOOR SCHEDULE FOR TYPES.
- (13) EXTERIOR WINDOW SYSTEM. REFER TO FLOOR PLAN AND WINDOW SCHEDULE FOR TYPES.
- (14) APPROXIMATE LINE OF FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
- (15) STEEL BOLLARDS. REFER TO CIVIL AND STRUCTURAL DRAWINGS.
- (16) HOSE BIB. REFER TO PLUMBING DRAWINGS.
- (17) LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
- (18) (NOT USED).
- (19) MECHANICAL ROOF TOP UNIT. REFER TO MECHANICAL DRAWINGS.
- (20) MECHANICAL WALL PENETRATIONS. REFER TO MECHANICAL DRAWINGS. PROVIDE FRAMING, FLASHING, AND SEALANT AS REQUIRED. INSTALL RESTROOM EXHAUST FANS 12" MINIMUM ABOVE INTERIOR CEILING FRAMING.
- (21) PLUMBING ROOF VENT. REFER TO PLUMBING DRAWINGS AND DETAIL 11/A4.2.
- (22) CONCRETE SPLASH BLOCK INSTALL AT EACH DOWNSPOUT.
- (23) MASONRY CONTROL JOINT. REFER TO STRUCTURAL DRAWINGS. PROVIDE SEALANT OVER 1/2" DIAMETER FOAM BACKER ROD.
- (24) RUSTICATION JOINT. REFER TO DETAIL 6/A3.2.
- (25) ROOF ACCESS LADDER. REFER TO EXTERIOR FINISH SCHEDULE.

CONCRETE MASONRY UNIT SPECIAL SCHEDULE OF TREATMENTS

GENERAL

- 1. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- 2. MANUFACTURER: SHERWIN WILLIAMS SPECIFIED. EQUAL PRODUCTS BY PPG INDUSTRIES ACCEPTABLE (NO SUBSTITUTES).
- 3. APPLICATION: INSTALL PER MANUFACTURER'S RECOMMENDATIONS FOR PROJECT CONDITIONS. EACH COAT SPECIFIED SHALL BE SPRAY APPLIED AND BACK ROLLED. COVERAGE THICKNESS INDICATED IN WET MIL UNITS, UNLESS OTHERWISE INDICATED.
- 4. QUALITY CONTROL: SUBMIT INSTALLER AND MANUFACTURER WARRANTIES SPECIFIED.

CONCRETE MASONRY UNIT (CMU) EXTERIOR SURFACE COATINGS:

- 1. PRIMER: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 779.2 SQ FT
- 2. PRIMER: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 1252.7 SQ FT
- 3. COAT 1: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 3258.4 SQ FT
- 4. COAT 2: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 177.5 SQ FT
- 5. COAT 3: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 85.0 FT
- 6. COAT 4: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 4.2 FT

CONCRETE MASONRY UNIT (CMU) INTERIOR SURFACE COATINGS:

- 1. PRIMER: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 223.5 FT
- 2. PRIMER: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 71.5 FT
- 3. COAT 1: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 73.4 FT
- 4. COAT 2: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 74.7 FT
- 5. COAT 3: "LOXON" SELF-SEALING PRIMER (NO LESS THAN 6 MILS) 4.0 EA

PR WH" (NO LESS THAN 6 MILS). MATCH "W-2" (REFER INTERIOR FINISH TYPES).



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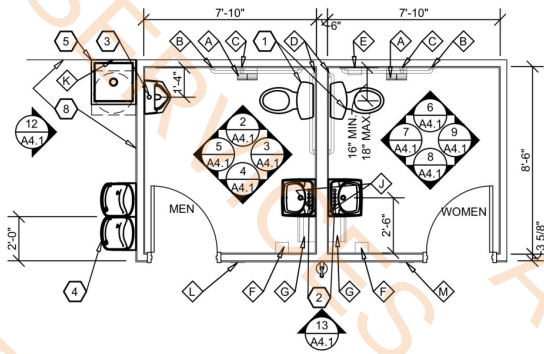
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REVISION:

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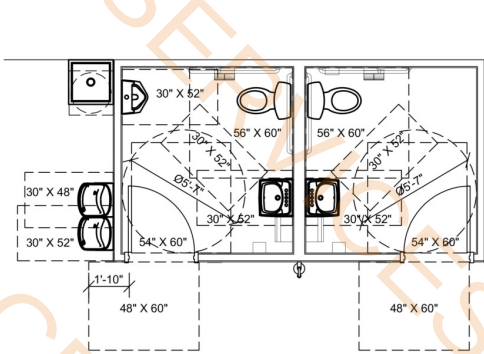
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NOTE:
REFER TO OVERALL FLOOR PLAN FOR
RESTROOM ORIENTATION AND LAYOUT OF
ADJACENT WALLS.

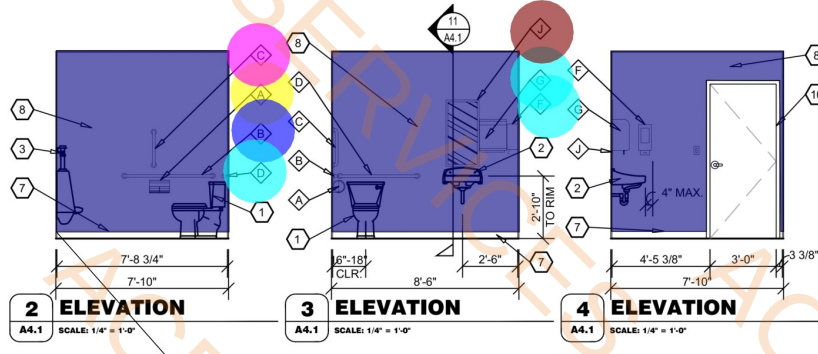
1A ENLARGED PLAN

A4.1 SCALE: 1/4" = 1'-0"



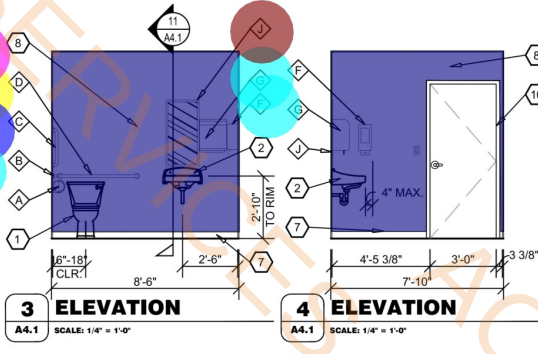
1B ENLARGED PLAN (ACCESSIBILITY CLEARANCE DIAGRAMS)

A4.1 SCALE: 1/4" = 1'-0"



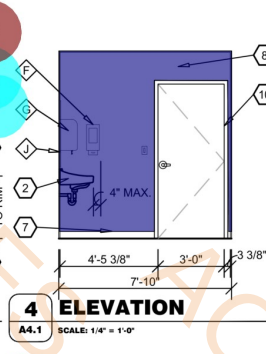
2 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



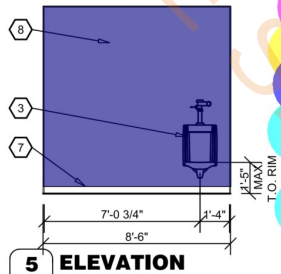
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A4.1 SCALE: 1/4" = 1'-0"



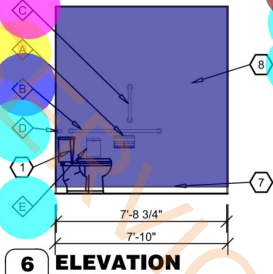
4 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



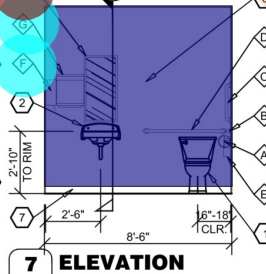
5 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



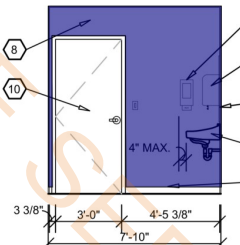
6 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



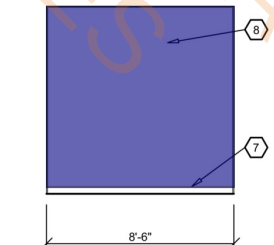
7 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



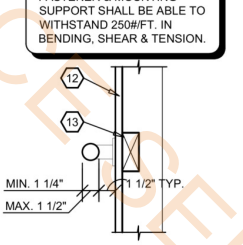
8 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



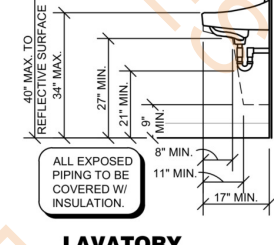
9 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



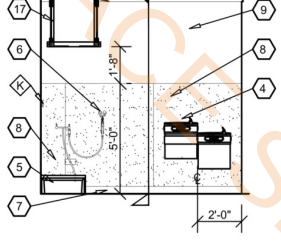
10 ELEVATION

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



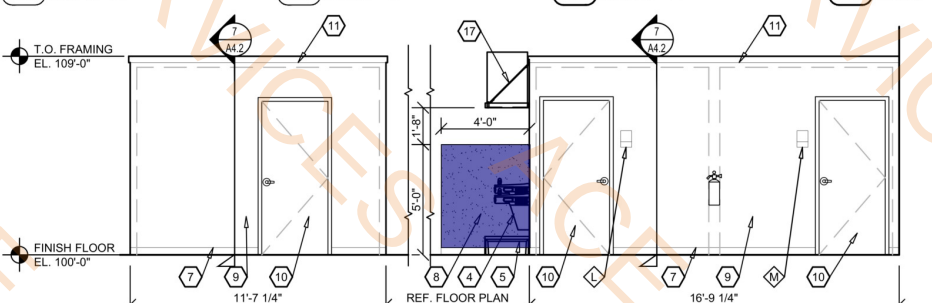
LAVATORY CLEARANCES

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



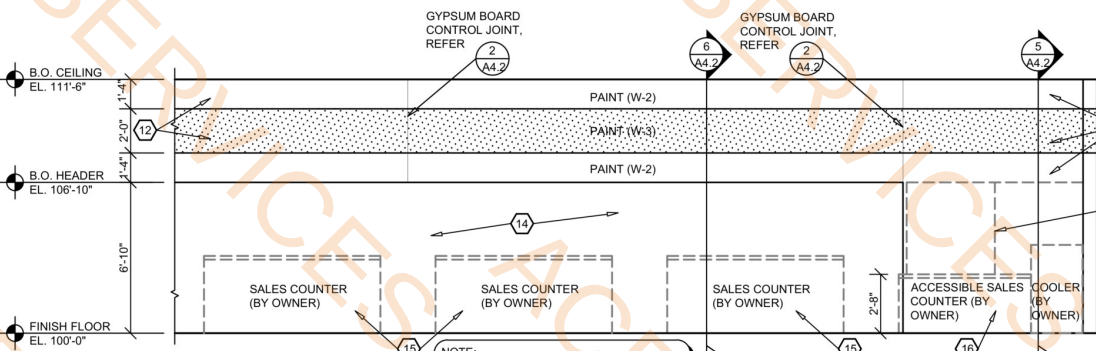
12 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"



13 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"

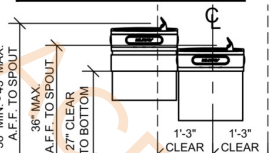


14 ELEVATION

A4.1 SCALE: 1/4" = 1'-0"

- W-4, Sanitary Wall & Ceiling Panel System v508.7 SQ FT**
- A, Tissue Paper Dispenser 2.0 EA
 - B, Grab Bar 2.0 EA
 - C, Grab Bar 2.0 EA
 - D, Grab Bar 2.0 EA
 - E, Sanitary Napkin Receptacle 1.0 EA
 - F, Soap Dispenser 2.0 EA
 - G, Paper Towel Dispenser 2.0 EA
 - J, Mirror 2.0 EA

SPECIAL NOTE:
DRINKING FOUNTAIN UNIT TO BE
PROVIDED WITH CANE GUARD. REFER
TO PLUMBING DRAWINGS. REFER TO
ELEVATIONS FOR REQUIRED LEVEL
CONFIGURATIONS.



DRINKING FOUNTAIN CLEARANCES

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

GENERAL NOTES

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

KEY NOTES

- WATER CLOSET. ACCESSIBLE FIXTURE HEIGHT TO TOP OF SEAT TO BE 17" MINIMUM AND 19" MAXIMUM A.F.F.. ACCESSIBLE FIXTURE FLUSH CONTROLS TO BE ON WIDE SIDE OF TOILET.
- WALL HUNG LAVATORY.
- WALL HUNG URINAL. MOUNT RIM 1'-5" MAXIMUM ABOVE FINISH FLOOR.
- HIGH / LOW DRINKING FOUNTAIN. REFER TO DETAIL 15/A4.1.
- FLOOR MOUNTED JANITOR SINK.

KEY NOTES

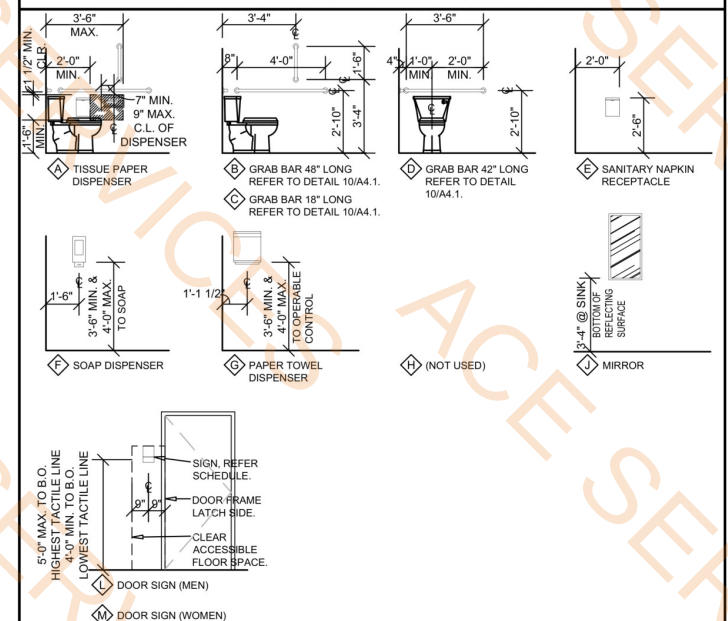
- EYE WASH STATION. INSTALL WITH TOP AT 45" (MAX.) ABOVE FINISH FLOOR.
- BASE, REFER TO FINISH SCHEDULE.
- SANITARY WALL PANEL SYSTEM, REFER TO FINISH SCHEDULE. PROVIDE TRIM AND EDGE MOLDING AROUND PERIMETER. ATTACH TO SUBSTRATE AS REQUIRED.
- PAINT, REFER TO FINISH SCHEDULE.
- DOOR, REFER TO DOOR AND FINISH SCHEDULES.
- WOOD TRIM, PAINT.
- WALL CONSTRUCTION, REFER TO FLOOR PLAN FOR TYPES.
- FIRE TREATED 2X WOOD BLOCKING.
- WALL OPENING TO BEYOND, REFER TO FLOOR PLAN.
- OWNER FURNISHED AND INSTALLED FURNISHING, SHELVING, OR FIXTURE. FOR REFERENCE ONLY (N.I.C.).
- OWNER FURNISHED AND INSTALLED ACCESSIBLE CUSTOMER SERVICE COUNTER TO COMPLY WITH ACCESSIBILITY REQUIREMENTS. FOR REFERENCE ONLY (N.I.C.).
- WALL MOUNTED WATER HEATER AND SUPPORT PLATFORM, REFER TO PLUMBING DRAWINGS. PROVIDE FIRE TREATED BLOCKING OR ADDITIONAL COLD FORM FRAMING AS REQUIRED FOR INSTALLATION.

ACCESSORY SCHEDULE

MK	DESCRIPTION	MANUFACTURER	SERIES / MODEL	MOUNTING LOCATION	ACCESSORY NOTES
A	TISSUE PAPER DISPENSER	GEORGIA PACIFIC	56783A	REFER PLANS, ELEVATIONS, LEGEND	NOTE 2
B	GRAB BAR	BOBRICK	B6806 x 48"	REFER PLANS, ELEVATIONS, LEGEND	
C	GRAB BAR	BOBRICK	B6806 x 18"	REFER PLANS, ELEVATIONS, LEGEND	
D	GRAB BAR	BOBRICK	B6806 x 42"	REFER PLANS, ELEVATIONS, LEGEND	
E	SANITARY NAPKIN RECEPTACLE	BOBRICK	B-270	REFER PLANS, ELEVATIONS, LEGEND	WOMEN'S RESTROOM ONLY
F	SOAP DISPENSER	GOJO	PRO 2000	REFER PLANS, ELEVATIONS, LEGEND	NOTE 2
G	PAPER TOWEL DISPENSER	GEORGIA PACIFIC	59460A	REFER PLANS, ELEVATIONS, LEGEND	NOTE 2
H	(NOT USED)				
I	MIRROR	BOBRICK	B-165-1836 18" W X 36" H	REFER PLANS, ELEVATIONS, LEGEND	
J	MOP HANGER	REFER TO PLUMBING DRAWINGS	REFER TO PLUMBING DRAWINGS	48" A.F.F. TO CENTER	
K	DOOR SIGN (MEN)	ROCKWOOD	BFM687	REFER PLANS, ELEVATIONS, LEGEND	NOTE 3
L	DOOR SIGN (WOMEN)	ROCKWOOD	BFM688	REFER PLANS, ELEVATIONS, LEGEND	NOTE 3

ACCESSORY GENERAL NOTES:
1. CONTRACTOR TO PROVIDE FIRE TREATED WOOD BLOCKING FOR INSTALLATION OF TOILET ACCESSORIES, INCLUDING OWNER FURNISHED AND CONTRACTOR INSTALLED ACCESSORIES. COORDINATE REQUIREMENTS WITH OWNER.
2. ACCESSORY OWNER FURNISHED AND CONTRACTOR INSTALLED. REFER TO SCOPE OF WORK SCHEDULE.
3. TACTILE (BRAILLE GRADE 2 CONTRACTED) SIGN WITH PICTOGRAMS IN COMPLIANCE WITH ADA STANDARDS AND GOVERNING ACCESSIBILITY CODE (REFER SHEET G1.1). COLORS WHITE TEXT AND SYMBOLS ON BLUE (NO. 15090 IN FEDERAL STANDARD 595B) BACKGROUND.

ACCESSORY MOUNTING LEGEND



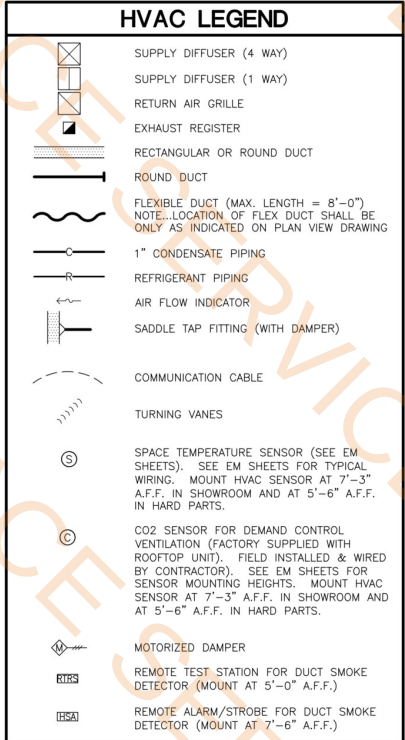
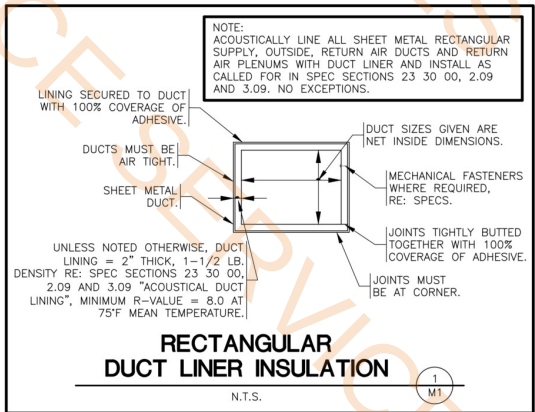
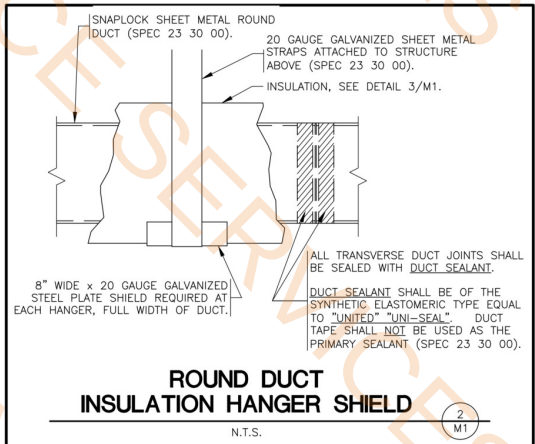
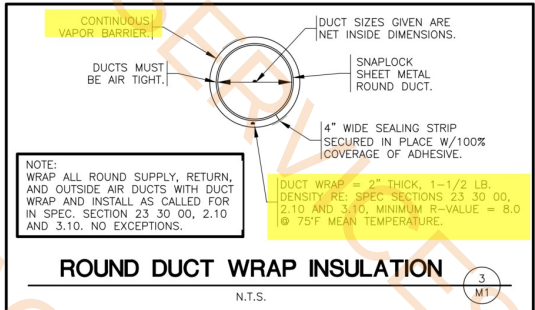
PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS 75110

INTERIOR ELEVATIONS

Buddy Webb & Company, Inc.
Architect - Consultant
3057 EAST CARO
SPRINGFIELD, MISSOURI 65802
(417) 877-1385 TELEPHONE
(417) 877-9736 FAX

DRAWN BY: MEC
CHECKED BY: SB
DATE: 07/19/24
REVISION:
PROJECT NUMBER: CR2
SHEET NUMBER

A4.1



- 1/2" Dia Flexible Duct (???)
- 10" Dia Flexible Duct (???)
- 12" Dia Flexible Duct
- 6" Dia Circular Duct
- 8" Dia Circular Duct
- 10" Dia Circular Duct
- 12" Dia Circular Duct
- 14" Dia Circular Duct
- 16" Dia Circular Duct
- 18" Dia Circular Duct
- 20 x 20 Duct Riser, H: 6'-9"
- 16 x 26 Rectangular Duct
- 16" Dia Flexible Duct
- 30 x 12 Duct Riser, H: 6'-9"
- R1
- R2
- 220 CFM, G1
- 230 CFM, G1
- 430 CFM, G1
- 85 CFM, S1
- 100 CFM, S1
- 280 CFM, S1
- 425 CFM, S2
- 500 CFM, S2
- Wall Cap for Exhaust Fan
- EF-1
- EF-2
- 17x12 Rectangular Ducts
- 11x6 Rectangular Duct
- 10" Dia Flexible Duct
- 2000 CFM, RTU-1
- 2000 CFM, RTU-2
- 2000 CFM, RTU-3
- 2000 CFM, RTU-4
- 2000 CFM, RTU-5
- 12" x 12" Duct w/ Elbow
- 24 VAC, Thermostat
- 75VA Control Transformer
- C. CO2 Sensor w/ LCD Display
- S. Space Temperature Sensor
- RTRS. Remote Test or Reset Station
- HSA. Audible/Visual Signal Device
- 250 CFM, X1

HVAC OUTDOOR AIR REQUIREMENTS

MECHANICAL CODE REFERENCE:
FOR REQUIRED OUTDOOR VENTILATION AIR IN RETAIL "SALES/STORAGE ROOM"

1. SHOWROOM = 3363 SQUARE FEET

2. HARD PARTS = 3777 SQUARE FEET

SHOWROOM (SALES)

$3363 \text{ (SQUARE FEET)} \div 1000 \text{ (SQUARE FEET)} = 3.3630$

$3.3630 \times 15 \text{ (PERSONS/1000 SQUARE FEET)} = 50 \text{ PERSONS}$

$(\text{CFM/ PERSON} \times \text{PERSONS}) + (\text{CFM/SQUARE FEET} \times \text{SQUARE FEET}) = \text{CFM}$

$(7.5 \times 50) + (.12 \times 3363) = 781.90 \text{ CFM OF OUTSIDE AIR REQUIRED}$

$781.90 \div .8 \text{ (EFFECTIVENESS)} = 977.37 \text{ CFM}$

HARD PARTS (STORAGE ROOM)

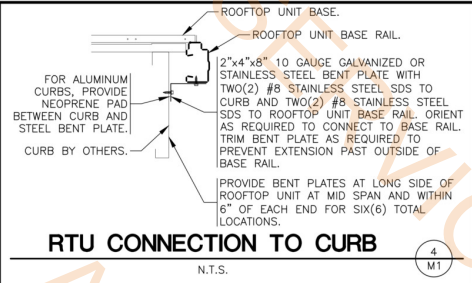
$3777 \times .12 \text{ (CFM/SQUARE FEET)} = 453.24 \text{ CFM OF OUTSIDE AIR REQUIRED}$

$453.24 \div .8 \text{ (EFFECTIVENESS)} = 566.55 \text{ CFM}$

$977 \text{ CFM} + 567 \text{ CFM} = 1544 \text{ TOTAL CFM}$

TOTAL OUTSIDE AIR MINIMUM REQUIRED BY CODE: 1544 CFM

OUTSIDE AIR SPECIFIED ON PLAN SHEET M1: 1545 CFM



HVAC SYSTEMS TESTING & BALANCING

THE HVAC SYSTEM SHALL BE TESTED AND BALANCED (T&B) BY THE CONTRACTOR PER SPEC SECTION 23 05 93 AND IN ACCORDANCE WITH THE PROCEDURES OF AABC OR NEBB. CONTRACTOR SHALL SUBMIT WRITTEN T&B REPORTS TO THE OWNER.

SINCE THIS O'REILLY STORE IS LESS THAN 50,000 SQ. FT. THEN SYSTEM COMMISSIONING IS NOT REQUIRED PER ASHRAE 90.1.

SEISMIC DESIGN

SEISMIC RESTRAINTS (REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E, AND F).

CONTRACTOR SHALL REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED, SEE SEISMIC DETAILS SHEET ME1.

HVAC - KEYNOTES

1. 12"x12" DUCT WITH ELBOW FROM "R2" TO JUST ABOVE THE CEILING PLATFORM.

2. WALL CAP 500 CFM EXHAUST. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATION.

3. ZONE ONE SC-ZD-6, 24VAC, ZONE DAMPER AND SC-Z20T, 24VAC, THERMOSTAT. COOLING SETPOINT: 85 DEG F. HEATING SETPOINT: 60 DEG F.

4. DERIVE 24VAC FOR DAMPER CONTROL FROM RTU2 CONTROL CIRCUIT OR INSTALL 75VA CONTROL TRANSFORMER (120VAC TO 24VAC) AND CONNECT TO NEAREST UNSWITCHED 120V SERVICE.

HVAC ROOF BRACING CONFLICTS

CONTRACTOR TO FIELD VERIFY ROOF'S HORIZONTAL ROD BRACING LOCATIONS. IF NECESSARY, SHIFT ROOFTOP UNITS AND DUCTS AS REQUIRED TO AVOID CONFLICT WITH BRACING.

OUTSIDE AIR SETUP:

CONTRACTOR TO SET DAMPERS AS FOLLOWS:

ECONOMIZER MODE MAXIMUM CFM PER UNIT @ TON RTU = 2,000

MINIMUM OUTSIDE AIR CFM PER ROOFTOP UNIT (TYPICAL) = 308 DURING OCCUPIED HOURS ONLY.

HVAC GENERAL NOTES

1. DRAWING IS DIAGRAMMATIC AND IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS OR FIELD MEASUREMENTS FOR DIMENSIONS.

2. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE CODE(S) NOTED ON THE CODE SUMMARY SHEET.

3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.

4. ALL ROOF AND WALL PENETRATIONS REQUIRED SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. PROVIDE ALL SLEEVES, FLASHING, CURBS, REINFORCING ANGLES, SUPPORTING FRAMES, ETC., WHICH ARE REQUIRED UNLESS THEY ARE SPECIFICALLY CALLED OUT TO BE FURNISHED BY OTHERS.

5. A SUBMITTAL OF ALL MATERIALS AND EQUIPMENT PROPOSED TO BE USED ON THE JOB SHALL BE PREPARED AS SOON AS POSSIBLE AFTER AWARD OF THE CONTRACT. THE SUBMITTAL WILL BE REVIEWED BY THE OWNER FOR EQUAL QUALITY AND PERFORMANCE TO THE ITEMS SPECIFIED. ALL CONTROL DEVICES SHALL BE INCLUDED IN THE SUBMITTAL.

6. THE PROPER PERFORMANCE OF THE CONTROL SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR.

7. THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS WORK WITH THE WORK OF OTHER SUBCONTRACTORS OF THE PROJECT. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.

9. DUCT DIMENSIONS ON PLANS ARE TO BE FINISHED INSIDE DIMENSIONS.

10. DUCT MATERIALS SHALL BE AS FOLLOWS:
ROUND SUPPLY AIR DUCT (SPEC 23 30 00)
RECTANGULAR SUPPLY AND RETURN AIR DUCT WORK - (SPEC 23 30 00) INSTALL TURNING VANES IN ALL ELBOWS. DO NOT SUBSTITUTE RADIIUSED ELBOWS. RUNOUTS TO DIFFUSERS - (SPEC 23 30 00) (SEE DIFFUSER INSTALLATION DETAIL).

11. INSULATE HVAC CONDENSATE DRAIN PIPING WITH 1/2" ARMAFLEX.

12. ALL WORK IS TO BE GUARANTEED FOR ONE YEAR UPON OCCUPANCY.

13. NO EQUIPMENT OR FIXTURE SUBSTITUTIONS (THAT ARE NOT CURRENTLY LISTED) WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER.

14. UPON COMPLETION BALANCE SYSTEMS TO AIR FLOWS SHOWN. REPORT THE BALANCING MEASUREMENTS ON THE "AS BUILT" DRAWINGS.

15. MOUNT CONDENSATE AND REFRIGERANT LINES AS HIGH AS POSSIBLE.

16. CONTROL WIRING BY HVAC CONTRACTOR, FINAL CONNECTIONS BY HVAC CONTRACTOR.

17. ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A ONE-COMPONENT NON-SAG URETHANE ELASTOMERIC SEALANT. ANY CONTRACTOR WHO USED SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE AND REPLACE WITH A SPECIFIED SEALANT (SPEC: 07 92 00).

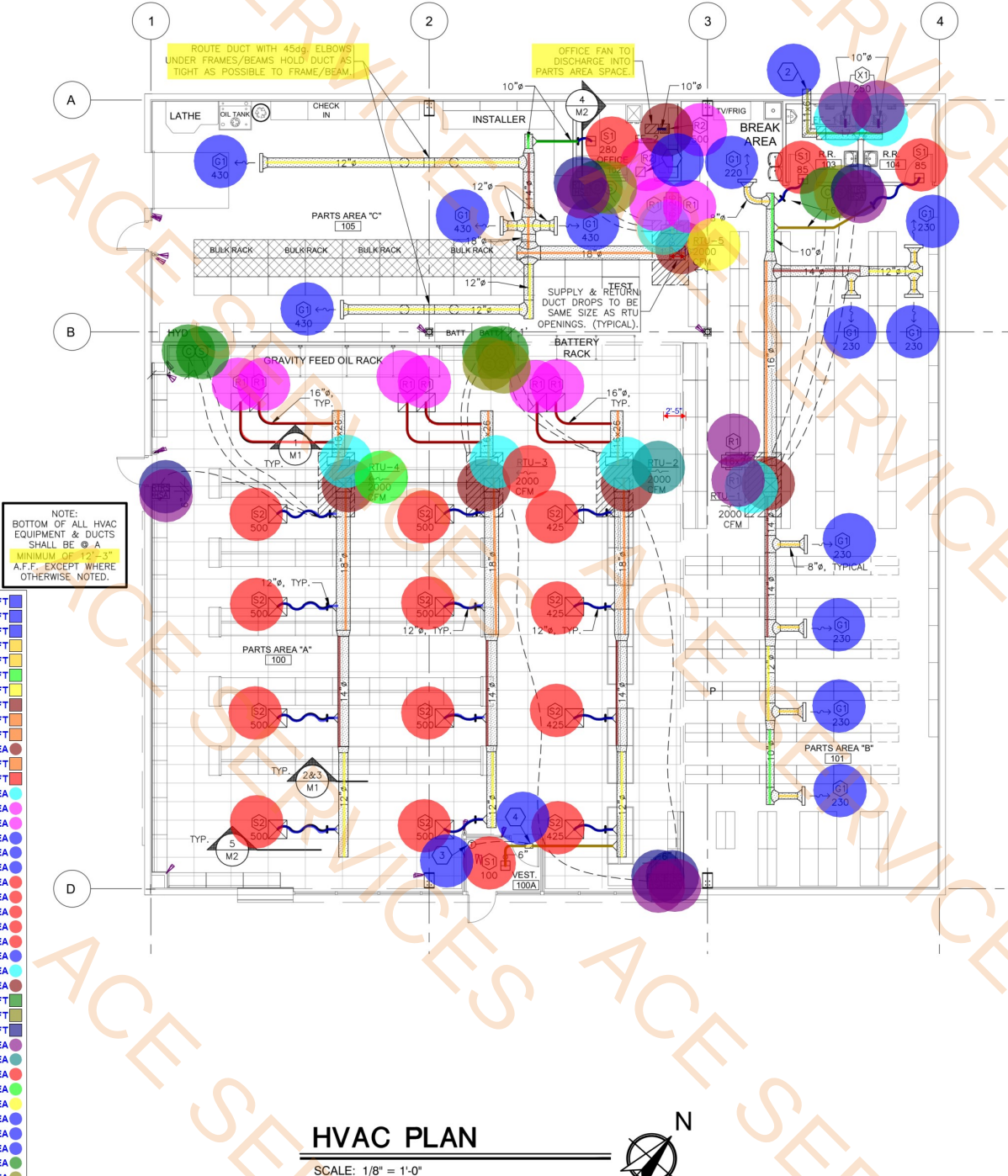
18. THE HVAC SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 101:7-2 AND NFPA 90A "STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATION SYSTEMS".

19. ALL HVAC SYSTEM FLUES & VENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 54 (LATEST EDITION).

20. PROVIDE AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR PRIOR TO OCCUPANCY THAT PROVIDES AT LEAST A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8.

21. COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.

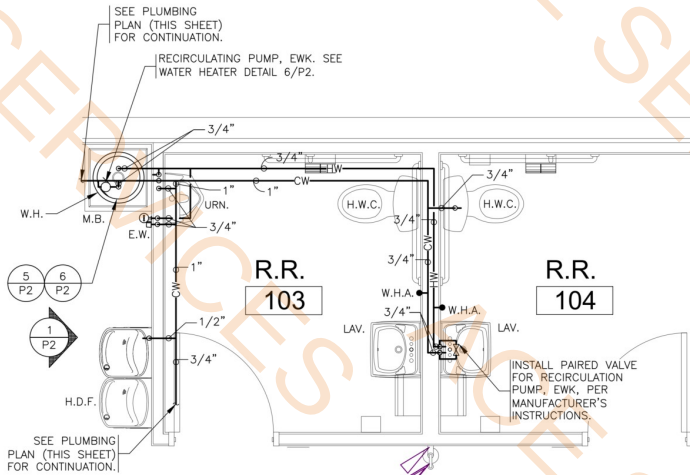
22. ALL HVAC CONDENSATE LINES SHALL RUN AT A MINIMUM SLOPE OF 1/8-INCH PER FOOT.



PLUMBING FIXTURE SCHEDULE / SPEC. 22 00 00 & 22 40 00 / ALL FIXTURES & FITTINGS MUST BE "LEAD FREE"										
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	PIPING REQUIREMENTS			REMARKS	APPROVED MANUFACTURER'S	CODE APPROVALS
					WASTE	VENT	SUPPLY			
H.W.C.	HANDICAP ACCESSIBLE WATER CLOSET (TANK TYPE)	AMERICAN STANDARD	CADET RIGHT HEIGHT BOWL RIM @ 16-1/2" H. PRESSURE-ASSISTED TOILET 2467.016	CHURCH 9500CT WHITE OPEN FRONT SEAT COMPLETE W/BOLT CAPS	4"	2"	1/2"	LOW-CONSUMPTION 1.6 GPF MAX. MEETS ADA GUIDELINES	ZURN	ANSI A117.1, ADA COMPLIANT
LAV.	HANDICAP ACCESSIBLE LAVATORY (WALL MOUNTED)	AMERICAN STANDARD	LUCERNE 0355.012 4" CENTERS	ZURN #28737 FLAT GRID SINK STRAINER, DELTA #501-JST CLASSIC CENTERSET FAUCET, JAY R. SMITH #0700-M31 FLOOR MOUNTED LAVATORY SUPPORTS IN WALL	2"	2"	3/4"	SEE NOTE 2. 1.5 GPM MAX.	ZURN	ANS A117.1, ASME A112.18.1, ASME A112.18.2, ADA COMPLIANT
M.V.	THERMOSTATIC MIXING VALVE	WATTS	#LFMMV-M1-US-1/2"	THERMOSTATIC MIXING VALVE	-	-	1/2"	SEE DETAIL 3/P2 & NOTE #4 110°F MAXIMUM WATER TEMP.	WILKINS, POWERS	ASSE 1070, IAPMO, ADA COMPLIANT, CUPC, NSF/ANSI 61
H.D.F.	BARRIER-FREE TWO STATION HI-LO DRINKING FOUNTAIN	ELKAY	EZSTL8LC	ACCESSORY APRON #LKAPREZL	2"	2"	1/2"	REFER TO ARCHITECTURAL SHEETS FOR MOUNTING HEIGHTS	HALSEY TAYLOR	ADA COMPLIANT
EWK	HOT WATER RECIRCULATION KIT	BELL & GOSSETT	6050B4000		-	-	3/4"	KIT INCLUDES PUMP (120V) 20 WATTS AND PAIRED VALVE (BATTERY)	-	NSF/ANSI 372
F.D.	FLOOR DRAIN	ZURN	ZN415-B-P	1/2" TRAP PRIMER CONNECTION	2"	2"	-	COMBINATION WASTE/VENT	WADE & JAY R. SMITH	ASSE 1019-B
C.O.	CLEANOUT (INTERIOR)	JAY R. SMITH	4100	W/CARPET CLAMPING RING WHERE REQUIRED	SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN	-
C.O.1	CLEANOUT (EXTERIOR)	JAY R. SMITH	4250		SEE PLAN	-	-	SAME SIZE AS LINE SEE DETAILS 2/P2 & 8/P2	WADE & ZURN	-
W.H.A.	WATER HAMMER ARRESTER	SIOUX CHIEF	652-A	-	-	-	-	-	WILLIAMS	-
H.B.	HOSE BIBB	WOODFORD	MODEL 65	W/WALL CLAMP	-	-	3/4"	W/VACUUM BREAKER, OPERATING ROD ASSEMBLY MUST BE ORDERED PER WALL WIDTH	-	-
M.B.	MOP BASIN	FIAT	FIAT MSB-2424	FIAT #832-AA HOSE & BRACKET, FIAT #889-CC-24" MOP HANGER, ZURN #2842M4-WHK-SH SERVICE FAUCET	3"	2"	3/4"	W/VACUUM BREAKER ON FAUCET. ALSO ADD HOSE CONNECTION VACUUM BREAKER (WATTS #8) ON FAUCET'S SPOUT	STERN-WILLIAMS	-
E.W.	EYE WASH	SPEAKMAN	SEF-9200	SPEAKMAN THERMOSTATIC MIXING VALVE (SEF-TW), SEF-9200-ILR	-	-	3/4"	SET MIXING VALVE TO DELIVER 80°F NOTE: TEPID WATER RANGE IS 60°F-100°F	BRADLEY, HAWS	ASME A112.18.1-2000, CSA B125-98, ANSI Z358-1, ASSE 1011
SRBP	SPILL-RESISTANT BACKFLOW PREVENTER	WATTS	LF008PQCT-1/2"	HEALTH HAZARD, ANTI-SIPHON, SPILL-RESISTANT BACKFLOW PREVENTER	-	-	1/2"	MAY BE INSTALLED VERTICALLY	-	ASSE 1056
URN.	URINAL (WALL MOUNTED)	ZURN	Z5755-U OMNI-FLO	SLOAN ROYAL #186-1 FLUSH VALVE, ZURN #Z1222 FLOOR MOUNTED URINAL SUPPORT	2"	2"	3/4"	1.0 GPF. BACK OF URINAL TO BE MOUNTED FLUSH WITH THE FACE OF FINISHED WALL. SEE DETAIL 9/P2	AMERICAN STANDARD	ASME A1212.19.2, ANSI A117.1, ADA COMPLIANT
NOTES: 1. COORDINATE ROUGH-IN OF ALL PLUMBING FIXTURES W/ARCHITECTURAL DRAWINGS. 2. SINKS & LAVATORIES FOR HANDICAPPED ACCESS SHALL BE INSTALLED W/OFFSET TAILPIECES. ALL SINK & LAVATORY DRAIN & WATER LINES SHALL BE INSULATED W/PROTECTIVE DEVICES EQUAL TO "McGUIRE" #PW 2150 WC, WHITE MOLDED CLOSED CELL VINYL, OR "TRUEBRO" #103W, WHITE MOLDED VINYL. 3. FOR HANDICAPPED-ACCESSIBLE WATER CLOSET, FURNISH & INSTALL W/THE FLUSH HANDLE ON THE WIDE SIDE OF THE RESTROOM. 4. ALL LAVATORIES SHALL BE INSTALLED WITH A THERMOSTATIC MIXING VALVE.										
OWNER SUPPLIED, CONTRACTOR INSTALLED										
W.H.	WATER HEATER (ELECTRIC)	A.O. SMITH	EJCS-20	(19 GALLONS) 120V, 18, 1.65 KW ELEMENT WITH T & P RELIEF VALVE	-	-	3/4"	PIPE DRAIN LINE FROM P & T RELIEF VALVE DOWN IN SHELF PAN SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	CSA, ASME RATED, NAECA
SHELF	WATER HEATER SHELF	HOLDRITE	#40-SWHP-WM	SUPPORTS WATER HEATERS UP TO 20 GALLON OR 300 LBS	-	-	-	PIPE DRAIN LINE FROM SHELF PAN SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	-
T.E.A.	THERMAL EXPANSION ABSORBER	AMTROL	ST-12	-	-	-	-	-	NO SUBSTITUTIONS	-
NOTE: WATER HEATER, SHELF AND T.E.A. SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR:				SOURCEONE SOLUTIONS 4341 GREEN ASH DRIVE EARTH CITY, MO 63045			SOURCEONE SOLUTIONS O'REILLY TEAM EMAIL: ncoreilly@sourceonesolutions.com PHONE: 314-499-6400			

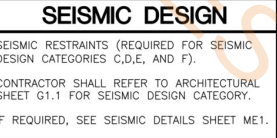
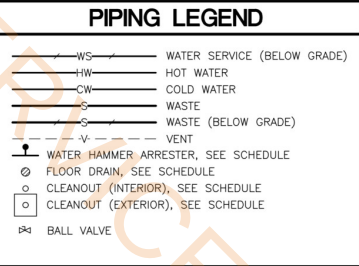
- PLUMBING NOTES**
- DRAWING IS DIAGRAMMATIC & IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
 - ALL PLUMBING WORK IS TO BE DONE IN ACCORDANCE WITH THE APPLICABLE CODE(S) NOTED ON THE CODE SUMMARY SHEET.
 - VALVES ON WATER LINES SHALL BE BRONZE BALL VALVES. DO NOT SUBSTITUTE GATE OR GLOBE VALVES. VALVES SHALL BE THE SAME SIZE AS THEIR INLET PIPING. (SPEC 20 05 00)
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 - THE CONTRACTOR SHALL COOPERATE AND COORDINATE ALL WORK WITH THE WORK OF OTHER CONTRACTORS OF THE PROJECT. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE & FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
 - DO NOT INSTALL CAPPED AIR CHAMBERS AT FIXTURES. INSTALL WATER HAMMER ARRESTERS AS CALLED FOR ON PLAN. ARRESTERS ARE TO BE RATED FOR INSTALLATION IN CONCEALED LOCATIONS. (SPEC 22 00 00)
 - ALL HOT & COLD WATER SUPPLY PIPING CONNECTION TO FIXTURES ARE TO BE 1/2" UNLESS NOTED OTHERWISE.
 - PLUMBING PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. PROVIDE REQUIRED CLEARANCES PER "N.E.C." COORDINATE ELECTRICAL PANEL LOCATIONS WITH THE ELECTRICAL CONTRACTOR.
 - INSTALL PIPE INSULATION ON ALL DOMESTIC WATER LINES ABOVE FINISH FLOOR. (SPEC 22 07 19)
 - CONTRACTOR SHALL COORDINATE WITH ALL STATE & LOCAL BUILDING REGULATION AGENCIES & UTILITY COMPANY(S) IN THE PROCUREMENT OF & PAYMENT OF ALL PERMITS, LICENSES, FEES & CHARGES REQUIRED FOR THE PERFORMANCE OF THE WORK.
 - PROVIDE CHROME ESCUTCHEON COVERPLATES AT ALL PIPE PENETRATIONS OF FINISHED WALL SURFACES.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO ROUTE ALL WATER PIPING AROUND SPACES WITH TEMPERATURES BELOW FREEZING (i.e. ATTICS, CHASES, EXTERIOR WALLS, ETC.). IF FREEZING OF ANY WATER PIPING OCCURS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR THE PIPING THRU A NON-FREEZING SPACE TO THE FIXTURE/APPLIANCE ORIGINALLY SERVED BY THE FROZEN PIPING.
 - ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A 1-COMPONENT NON-SAG URETHANE SEALANT. ANY CONTRACTOR WHO USES SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE & REPLACE WITH A SPECIFIED SEALANT. (SPEC 07 92 00)
 - PLUMBING CONTRACTOR SHALL INFORM THE ELECTRICAL CONTRACTOR OF THE VOLTAGE & POWER REQUIREMENTS OF ALL PLUMBING EQUIPMENT TO BE INSTALLED.
 - ALL GAS PIPING INSTALLATIONS SHALL COMPLY WITH "NFPA-54" NATURAL GAS OR "NFPA-58" LP GAS (latest edition).
 - ALL WATER HEATERS & HOT WATER STORAGE TANKS SHALL HAVE A DRAIN VALVE INSTALLED AT THE BOTTOM OF THE TANK AS REQUIRED BY CODE.

- PLUMBING PIPE MATERIALS**
(SEE SPEC SECTION 22 00 00 FOR ADDITIONAL INFORMATION)
- A. The following applications are for inside, below & above the building slab and ending at a point 5'-0" outside the perimeter building walls.
- Domestic Water Distribution Piping Below Ground: All interior domestic water piping shall be type "K" hard drawn copper tubing (SIL-FOS 2, FOS-FLO 7 or other silver brazing material). This is required for the water service line from the shut-off valve in the building to a point 5 feet outside the building.
 - Domestic Water Distribution Piping Above Ground: Hard copper tube, Type L.
 - Soil, Waste, and Vent Piping Below Ground: Schedule 40 poly vinyl chloride (PVC) plastic DWV pipe;
 - Soil, Waste, and Vent Piping Above Ground: Hubless cast-iron soil pipe or Poly vinyl chloride (PVC) plastic DWV pipe
 - Note: PVC piping is not permitted in air-handling ceiling spaces, use only cast-iron or ductile iron pipe in these locations.
- B. The following applications are for only from 5'-0" outside the building to the utility point of connection (POC).
- Underground domestic water service piping from a point 5 feet outside the building to the POC. (See Site Utilities Plan for which piping material (Copper or PVC) is required):
- 3-4" - 1-1/4", Schedule 40 PVC pipe with solvent-welded joints.
 - 1-1/2" - 3", SDR-21, PVC pipe (ASTM D2241) Class 200, Bell and Spigot with rubber gasketed joints.
 - 3/4" - 3", Type "K" hard drawn copper tubing (SIL-FOS 2, FOS-FLO 7 or other silver brazing material).
 - 4" and larger, SDR-18 PVC pipe (AWWA C-900) Class 150 Bell and Spigot with rubber gasketed joints.
- Underground sanitary sewer service piping from a point 5 feet outside the building to the POC.
- Polyvinyl chloride (PVC) sewer pipe shall conform to ASTM D3034 (SDR-35).
 - Cast iron or ductile iron pipe shall conform to USAI #A-21 class 50.
- C. GAS pipe material:
Low-Pressure Gas Systems, above Ground within or outside Building:
Use the following:
- 2" and Smaller: Steel pipe, malleable-iron, threaded fittings, and threaded joints.
 - 2-1/2" and Larger: Steel pipe, butt-welding fittings, and welded joints.



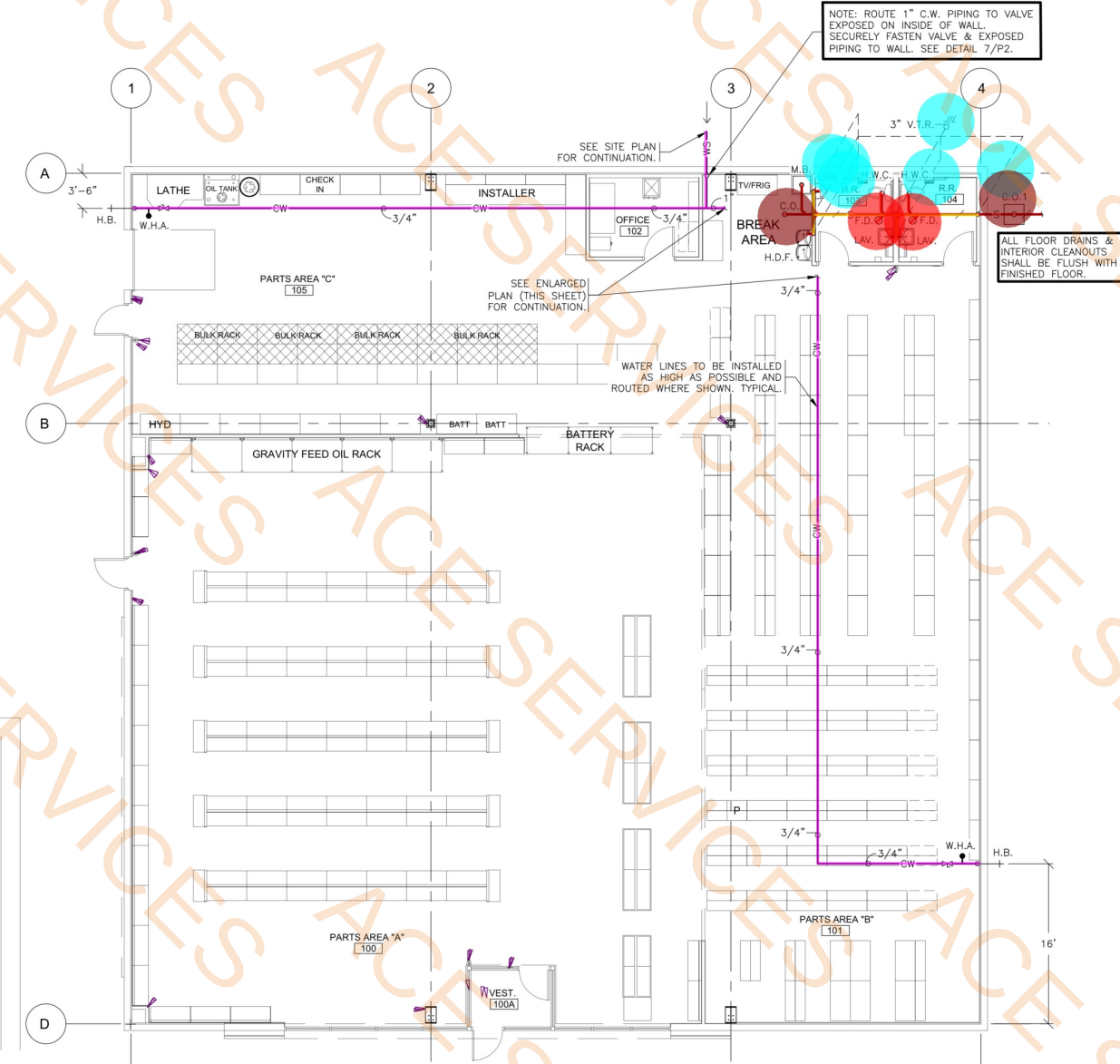
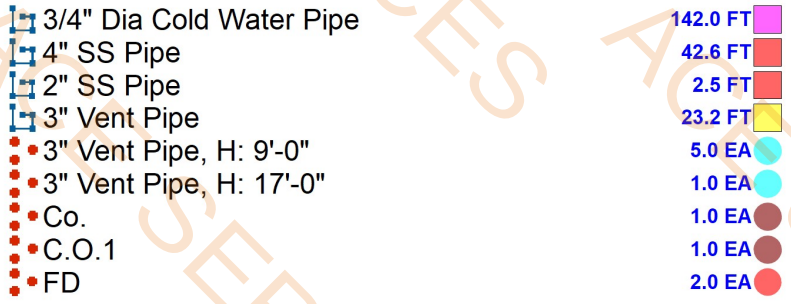
ENLARGED SUPPLY PIPING PLAN

SCALE: 3/8\"= 1'-0"



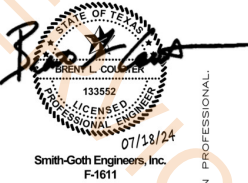
NOTE:
NO NATURAL GAS THIS STORE.

NOTE:
SEE THE APPLICABLE PLUMBING CODE FOR MINIMUM WASTE PIPING SLOPE.



PLUMBING PLAN

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



SHEETS BEARING THIS SEAL ARE AUTHENTICATED. RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
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PROJECT:
NEW O'REILLY AUTO PARTS STORE
4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)

PLUMBING PLAN

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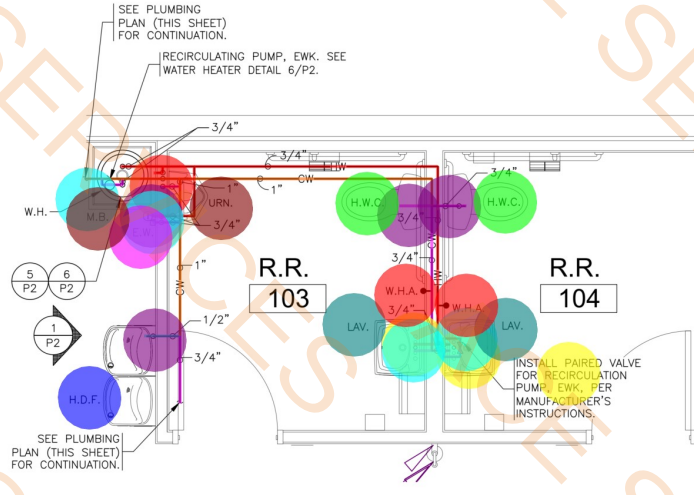
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DATE: **07/18/24**
REVISION:
PROJECT NUMBER: **CR2**
SHEET NUMBER

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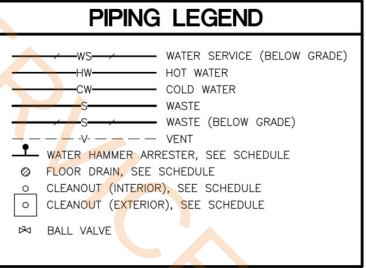
PLUMBING FIXTURE SCHEDULE / SPEC. 22 00 00 & 22 40 00 / ALL FIXTURES & FITTINGS MUST BE "LEAD FREE"										
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	PIPING REQUIREMENTS			REMARKS	APPROVED MANUFACTURER'S	CODE APPROVALS
					WASTE	VENT	SUPPLY			
H.W.C.	HANDICAP ACCESSIBLE WATER CLOSET (TANK TYPE)	AMERICAN STANDARD	CADET RIGHT HEIGHT BOWL RIM @ 16-1/2" H. PRESSURE-ASSISTED TOILET 2467.016	CHURCH 9500CT WHITE OPEN FRONT SEAT COMPLETE W/BOLT CAPS	4"	2"	1/2"	LOW-CONSUMPTION 1.6 GPF MAX. MEETS ADA GUIDELINES	ZURN	ANSI A117.1, ADA COMPLIANT
LAV.	HANDICAP ACCESSIBLE LAVATORY (WALL MOUNTED)	AMERICAN STANDARD	LUCERNE 0355.012 4" CENTERS	ZURN #28737 FLAT GRID SINK STRAINER, DELTA #501-JST CLASSIC CENTERSET FAUCET, JAY R. SMITH #0700-M31 FLOOR MOUNTED LAVATORY SUPPORTS IN WALL	2"	2"	3/4"	SEE NOTE 2. 1.5 GPM MAX.	ZURN	ANS A117.1, ASME A112.18.1, ADA COMPLIANT
M.V.	THERMOSTATIC MIXING VALVE	WATTS	#LFMMV-M1-US-1/2"	THERMOSTATIC MIXING VALVE	-	-	1/2"	SEE DETAIL 3/P2 & NOTE #4 110°F MAXIMUM WATER TEMP.	WILKINS, POWERS	ASSE 1070, IAPMO, ADA COMPLIANT, CUPC, NSF/ANSI 61
H.D.F.	BARRIER-FREE TWO STATION HI-LO DRINKING FOUNTAIN	ELKAY	EZSTL8LC	ACCESSORY APRON #LKAPREZL	2"	2"	1/2"	REFER TO ARCHITECTURAL SHEETS FOR MOUNTING HEIGHTS	HALSEY TAYLOR	ADA COMPLIANT
EWK	HOT WATER RECIRCULATION KIT	BELL & GOSSETT	6050B4000		-	-	3/4"	KIT INCLUDES PUMP (120V) 20 WATTS AND PAIRED VALVE (BATTERY)	-	NSF/ANSI 372
F.D.	FLOOR DRAIN	ZURN	ZN415-B-P	1/2" TRAP PRIMER CONNECTION	2"	2"	-	COMBINATION WASTE/VENT	WADE & JAY R. SMITH	ASSE 1019-B
C.O.	CLEANOUT (INTERIOR)	JAY R. SMITH	4100	W/CARPET CLAMPING RING WHERE REQUIRED	SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN	-
C.O.1	CLEANOUT (EXTERIOR)	JAY R. SMITH	4250		SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN	-
W.H.A.	WATER HAMMER ARRESTER	SIOUX CHIEF	652-A		-	-	-		WILLIAMS	-
H.B.	HOSE BIBB	WOODFORD	MODEL 65	W/WALL CLAMP	-	-	3/4"		-	-
M.B.	MOP BASIN	FIAT	FIAT MSB-2424	FIAT #832-AA HOSE & BRACKET, FIAT #889-CC-24" MOP HANGER, ZURN #Z842M4-WHK-SH SERVICE FAUCET	3"	2"	3/4"	W/VACUUM BREAKER. OPERATING ROD ASSEMBLY MUST BE ORDERED PER WALL WIDTH. W/VACUUM BREAKER ON FAUCET. ALSO ADD HOSE CONNECTION VACUUM BREAKER (WATTS #8) ON FAUCET'S SPOUT	STERN-WILLIAMS	-
E.W.	EYE WASH	SPEAKMAN	SEF-9200	SPEAKMAN THERMOSTATIC MIXING VALVE (SEF-TW), SEF-9200-ILR	-	-	3/4"	SET MIXING VALVE TO DELIVER 80°F NOTE: TEPID WATER RANGE IS 60°F-100°F	BRADLEY, HAWS	ASME A112.18.1-2000, CSA B125-98, ANSI Z358-1, ASSE 1011
SRBP	SPILL-RESISTANT BACKFLOW PREVENTER	WATTS	LF008PQCT-1/2"	HEALTH HAZARD, ANTI-SIPHON, SPILL-RESISTANT BACKFLOW PREVENTER	-	-	1/2"	MAY BE INSTALLED VERTICALLY	-	ASSE 1056
URN.	URINAL (WALL MOUNTED)	ZURN	Z5755-U OMNI-FLO	SLOAN ROYAL #186-1 FLUSH VALVE, ZURN #Z1222 FLOOR MOUNTED URINAL SUPPORT	2"	2"	3/4"	1.0 GPF. BACK OF URINAL TO BE MOUNTED FLUSH WITH THE FACE OF FINISHED WALL. SEE DETAIL 9/P2	AMERICAN STANDARD	ASME A1212.19.2, ANSI A117.1, ADA COMPLIANT
NOTES: 1. COORDINATE ROUGH-IN OF ALL PLUMBING FIXTURES W/ARCHITECTURAL DRAWINGS. 2. SINKS & LAVATORIES FOR HANDICAPPED ACCESS SHALL BE INSTALLED W/OFFSET TAILPIECES. ALL SINK & LAVATORY DRAIN & WATER LINES SHALL BE INSULATED W/PROTECTIVE DEVICES EQUAL TO "McGUIRE" #PW 2150 WC, WHITE MOLDED CLOSED CELL VINYL, OR "TRUEBRO" #103W, WHITE MOLDED VINYL. 3. FOR HANDICAPPED-ACCESSIBLE WATER CLOSET, FURNISH & INSTALL W/THE FLUSH HANDLE ON THE WIDE SIDE OF THE RESTROOM. 4. ALL LAVATORIES SHALL BE INSTALLED WITH A THERMOSTATIC MIXING VALVE.										
OWNER SUPPLIED, CONTRACTOR INSTALLED										
W.H.	WATER HEATER (ELECTRIC)	A.O. SMITH	EJCS-20	(19 GALLONS) 120V, 18, 1.65 KW ELEMENT WITH T & P RELIEF VALVE	-	-	3/4"	PIPE DRAIN LINE FROM P & T RELIEF VALVE DOWN IN SHELF PAN SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	CSA, ASME RATED, NAECA
SHELF	WATER HEATER SHELF	HOLDRITE	#40-SWHP-WM	SUPPORTS WATER HEATERS UP TO 20 GALLON OR 300 LBS	-	-	-	PIPE DRAIN LINE FROM SHELF PAN SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	-
T.E.A.	THERMAL EXPANSION ABSORBER	AMTROL	ST-12		-	-	-		NO SUBSTITUTIONS	-
NOTE: WATER HEATER, SHELF AND T.E.A. SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR:				SOURCEONE SOLUTIONS 4341 GREEN ASH DRIVE EARTH CITY, MO 63045			SOURCEONE SOLUTIONS O'REILLY TEAM EMAIL: ncoreilly@sourceonesolutions.com PHONE: 314-499-6400			

- PLUMBING NOTES**
- DRAWING IS DIAGRAMMATIC & IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
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(SEE SPEC SECTION 22 00 00 FOR ADDITIONAL INFORMATION)
- A. The following applications are for inside, below & above the building slab and ending at a point 5'-0" outside the perimeter building walls.
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 - Domestic Water Distribution Piping Above Ground: Hard copper tube, Type L.
 - Soil, Waste, and Vent Piping Below Ground: Schedule 40 poly vinyl chloride (PVC) plastic DWV pipe.
 - Soil, Waste, and Vent Piping Above Ground: Hubless cast-iron soil pipe or Poly vinyl chloride (PVC) plastic DWV pipe.
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- B. The following applications are for only from 5'-0" outside the building to the utility point of connection (POC).
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- Polyvinyl chloride (PVC) sewer pipe shall conform to ASTM D3034 (SDR-35).
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Low-Pressure Gas Systems, above Ground within or outside Building:
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ENLARGED SUPPLY PIPING PLAN
SCALE: 3/8\" = 1'-0"



SEISMIC DESIGN

SEISMIC RESTRAINTS (REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E, AND F).

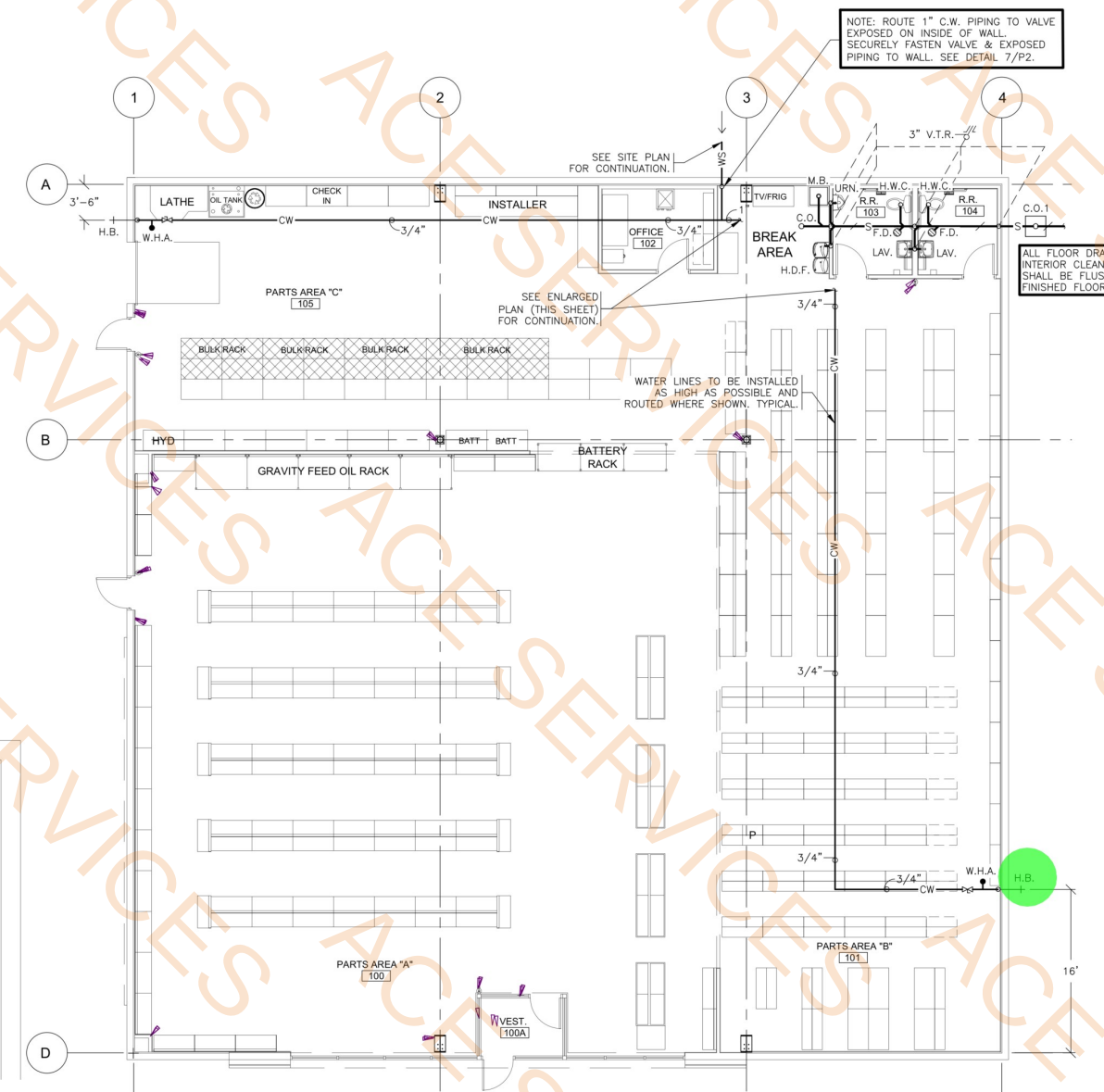
CONTRACTOR SHALL REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED, SEE SEISMIC DETAILS SHEET ME.1.

NOTE:
NO NATURAL GAS THIS STORE.

NOTE:
SEE THE APPLICABLE PLUMBING CODE FOR MINIMUM WASTE PIPING SLOPE.

- 1/2" Dia Cold Water Pipe
3/4" Dia Cold Water Pipe
1" Dia Cold Water Pipe
3/4" Dia Hot Water Pipe
3/4" CW, H:7'
3/4" CW, H:5'-6"
3/4" CW, H:6'
3/4" CW, H:5'
1/2" CW, H:5'-6"
3/4" HW, H:6'
3/4" HW, H:5'
H.W.C., Handicap Accessible Water Closet
HB
Lav.
W.H.A.
H.D.F.
E.W.
W.H. w/ Shelf
M.B.
URN
Paired Valve



PLUMBING PLAN
SCALE: 1/8\" = 1'-0"

Smith-Goth Engineers, Inc.
F-1611

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O'Reilly AUTO PARTS
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PROJECT:
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4112 STATE HWY 31 WEST
CORSICANA, TEXAS (CR2)

PLUMBING PLAN

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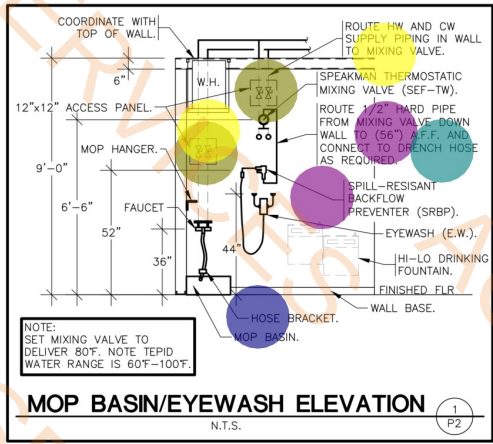
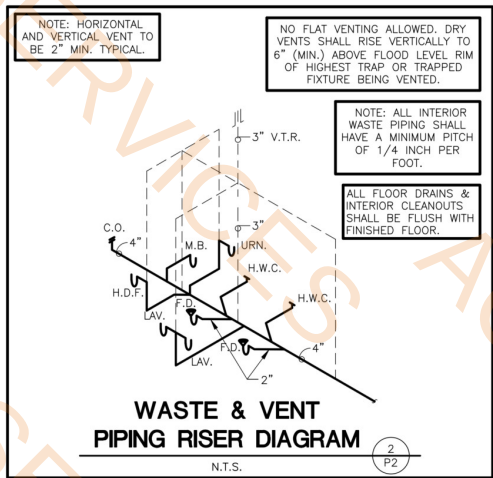
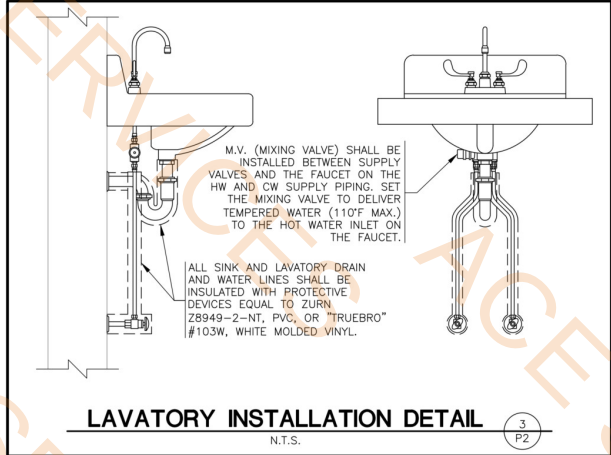
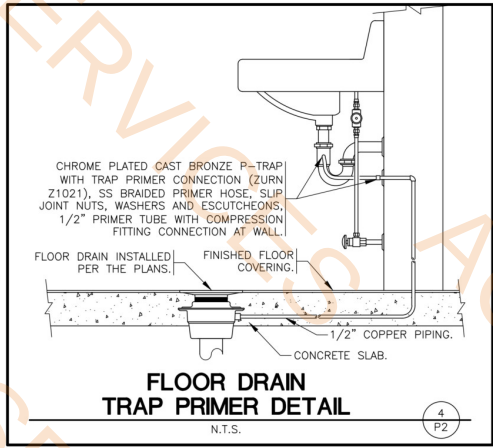
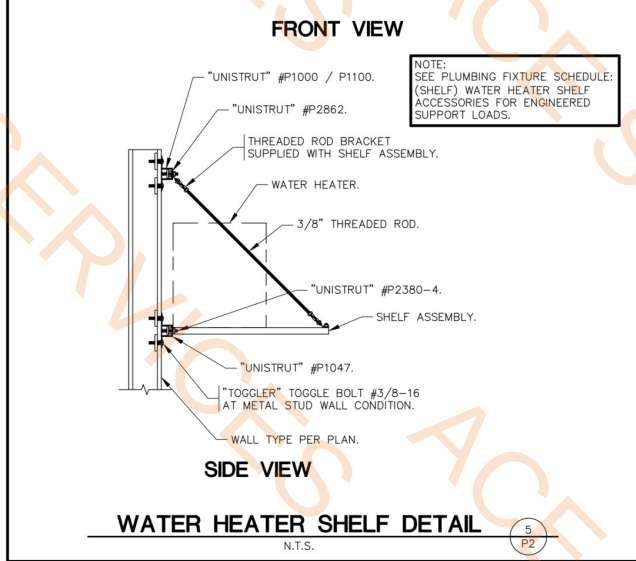
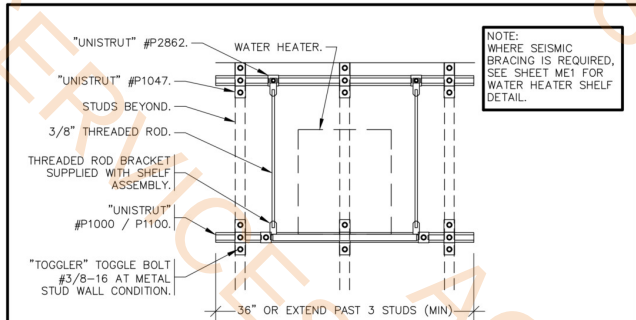
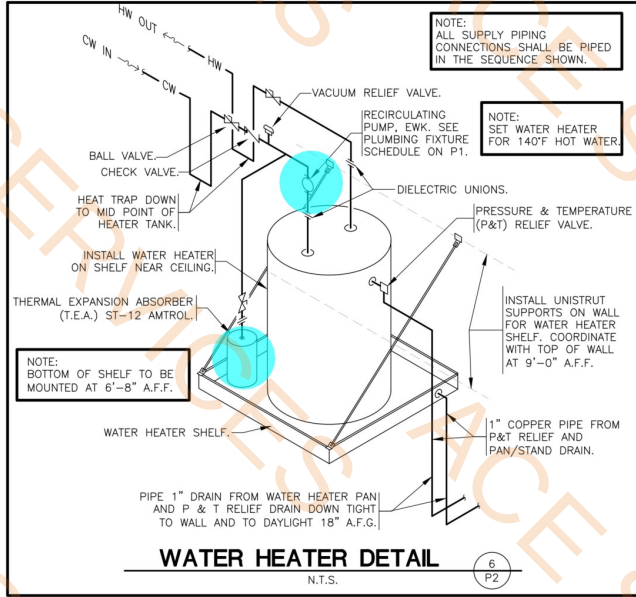
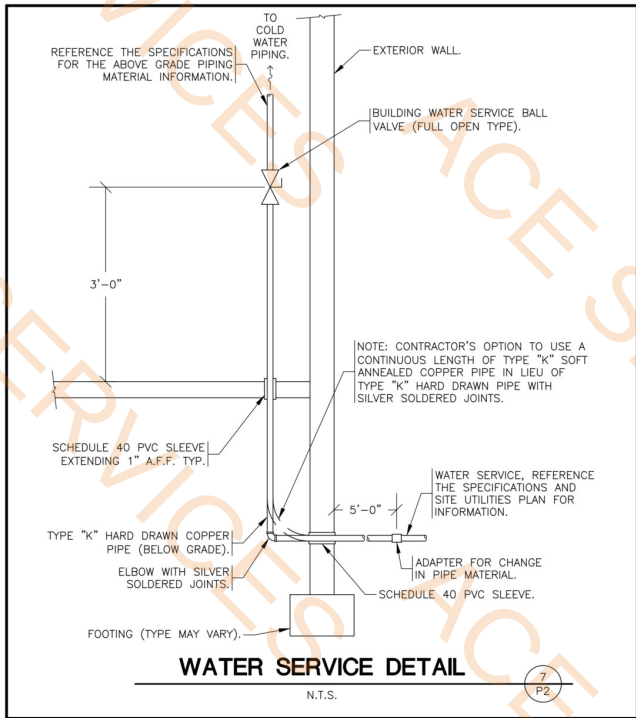
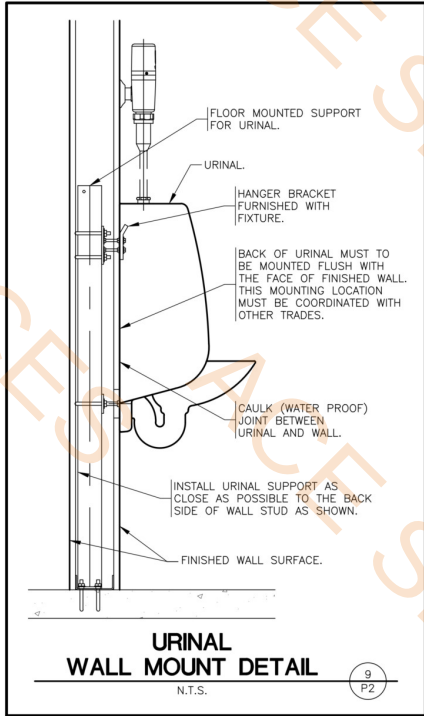
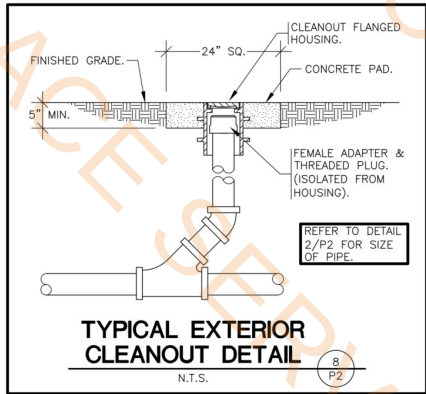
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SMITH-GOTH ENGINEERS, INC.

DRAWN BY: **NAR** CHECKED BY: **ALT/BLC**
DATE: **07/18/24**
REVISION:
PROJECT NUMBER: **CR2**
SHEET NUMBER

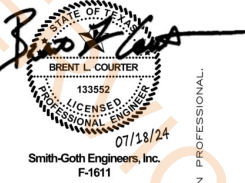
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PLUMBING CALCULATIONS							
FIXTURE	QUANTITY	TOTAL-SFU	TOTAL	TOTAL-HW	TOTAL	DFU	TOTAL
W.C. (TANK)	2	5	10	0	0	4	8
URN. (URINAL)	1	5	5	0	0	4	4
LAV. (LAVATORY)	2	2	4	1.5	3.00	2	4
M.B. (MOP BASIN)	1	3	3	1.5	1.50	2	2
H.D.F. (FOUNTAIN)	1	0.25	0.25	0	0	0.5	0.50
H.B. (HOSE BIBB)	2	3	6	0	0	0	0
	TOTAL		28.25	TOTAL	4.50	TOTAL	18.50
TOTAL CW GPM	20	AVERAGE DAILY FLOW = 125 gal/DAY					
COLD WATER SERVICE SIZE	1"						



- 1-1/2" Hard Pipe, H: 56" 1.0 EA
- Recirculating Pump, EWK 1.0 EA
- Thermal Expansion Absorber 1.0 EA
- 12" x 12" Access Panel 2.0 EA
- Hose Bracket 1.0 EA
- SRBP, Spill-Resistant Backflow Preventer 1.0 EA
- Mixing Valve 2.0 EA
- Drench Hose 1.0 EA



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PLUMBING DETAILS

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