

O'Reilly AUTO PARTS

O'REILLY AUTO PARTS PARKER, CO (PK2)

LOT 1 OF PARKER POINTE SUBDIVISION FILING NO 1

LOCATED IN THE NORTHEAST 1/4 SECTION OF SECTION 3, TOWNSHIP 7 SOUTH, RANGE 66 WEST, OF THE 6TH P.M.,
TOWN OF PAKER, COUNTY OF DOUGLAS, STATE OF COLORADO

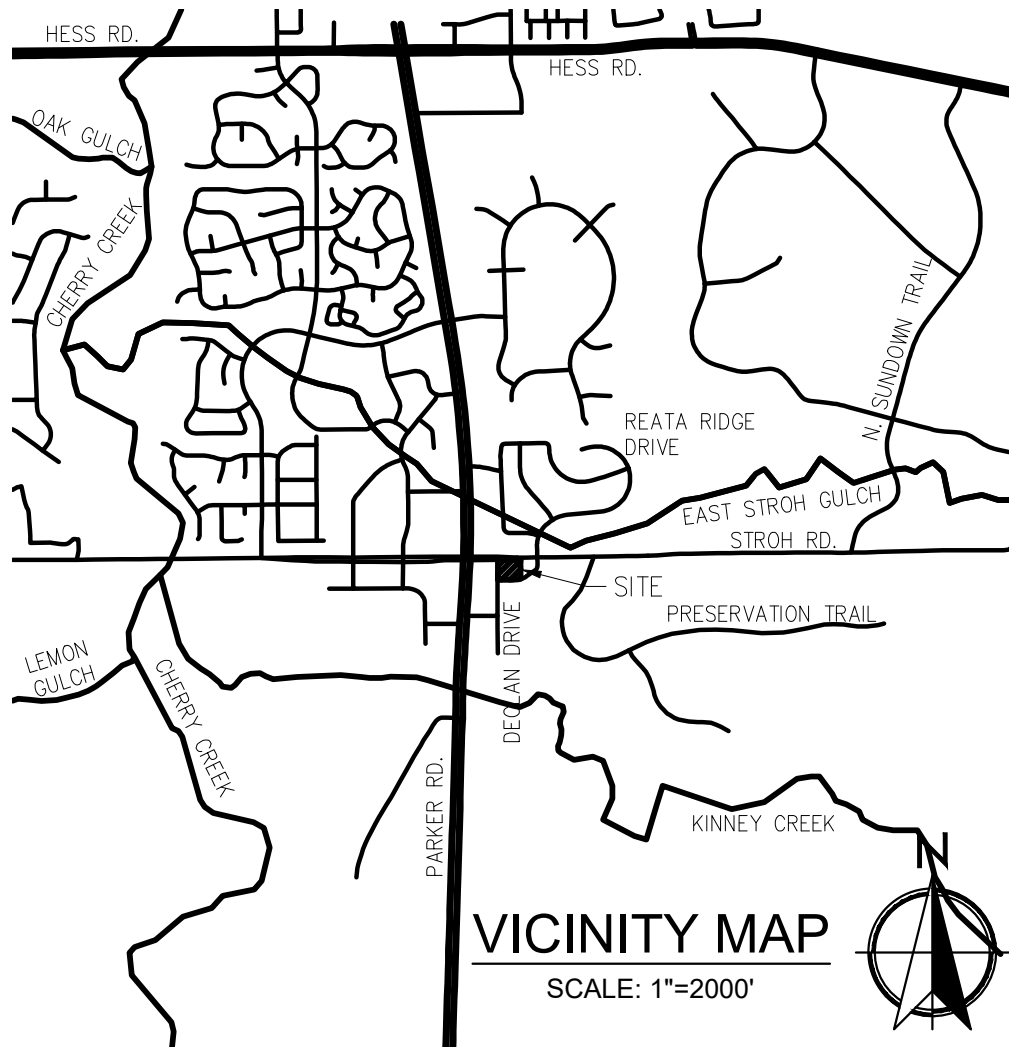
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PLANNING
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AHICKEN@PARKERCO.GOV
(303) 805-3338



VICINITY MAP

SCALE: 1"=2000'

OWNER AND DEVELOPER



O'REILLY AUTO ENTERPRISES, LLC
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
417-862-2674 PHONE

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

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

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

CONTACT OWNER'S DESIGNATED REPRESENTATIVE
FOR ADDITIONAL PROJECT INFORMATION.

CIVIL ENGINEER



ABBREVIATIONS

BACK OF CURB	BC	FLOW LINE	FL
BOTTOM OF PIPE	BOP	FINISHED SURFACE	FS
CURB FACE	CF	INVERT	INV
EXPOSED FOUNDATION	EF	SIDEWALK	SW
EXISTING GROUND	EG	TOP OF CURB	TC
EXISTING SURFACE	ES	TOP OF GRATE	TOG
EXISTING FLOOR	FF	TOP OF PIPE	TOP

NOTE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES,
PIPES, AND/OR STRUCTURES SHOWN ON THESE PLANS WERE
OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THERE MAY BE
EXISTING UTILITIES NOT SHOWN ON THESE PLANS. THE
CONTRACTOR SHALL ASCERTAIN THE TRUE VERTICAL AND
HORIZONTAL LOCATION OF THOSE UNDERGROUND UTILITIES TO BE
USED PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR
ANY DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES, SHOWN OR NOT
SHOWN HEREON.

UTILITY PURVEYORS

WATER/SEWER
PARKER WATER AND SANITATION DISTRICT
LISA SINDALL
(303) 841-4627

NATURAL GAS
XCEL ENERGY
(800) 628-2121

ELECTRIC
CORE ELECTRIC COOPERATIVE
BROOKS KAUFMAN
(303) 688-3100

TELEPHONE
CENTURYLINK
(720) 578-5142

SHEET INDEX

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C2.1	SITE DEVELOPMENT PLAN
C2.2	SITE DETAILS
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LAND USE SUMMARY

LOT AREA	0.999 AC / 43,516 SF
PROPOSED USE	COMMERCIAL RETAIL
DWELLING UNITS	NONE
TOTAL BUILDINGS	1
BUILDING GFA	8,000 SF

SETBACKS:	
REQUIRED	25' BUILDING SETBACK 6'10" LANDSCAPE BUFFER
PROVIDED	25' BUILDING SETBACK 6'10" LANDSCAPE BUFFER

PARKING:	
CALCULATION	1 SPACE PER 300 SF GFA
TOTAL REQUIRED	27
TOTAL PROVIDED	27
ACCESSIBLE REQUIRED	2
ACCESSIBLE PROVIDED	2

BICYCLE PARKING:	
CALCULATION	2 PER 10,000 SF GFA
REQUIRED	2
PROVIDED	2

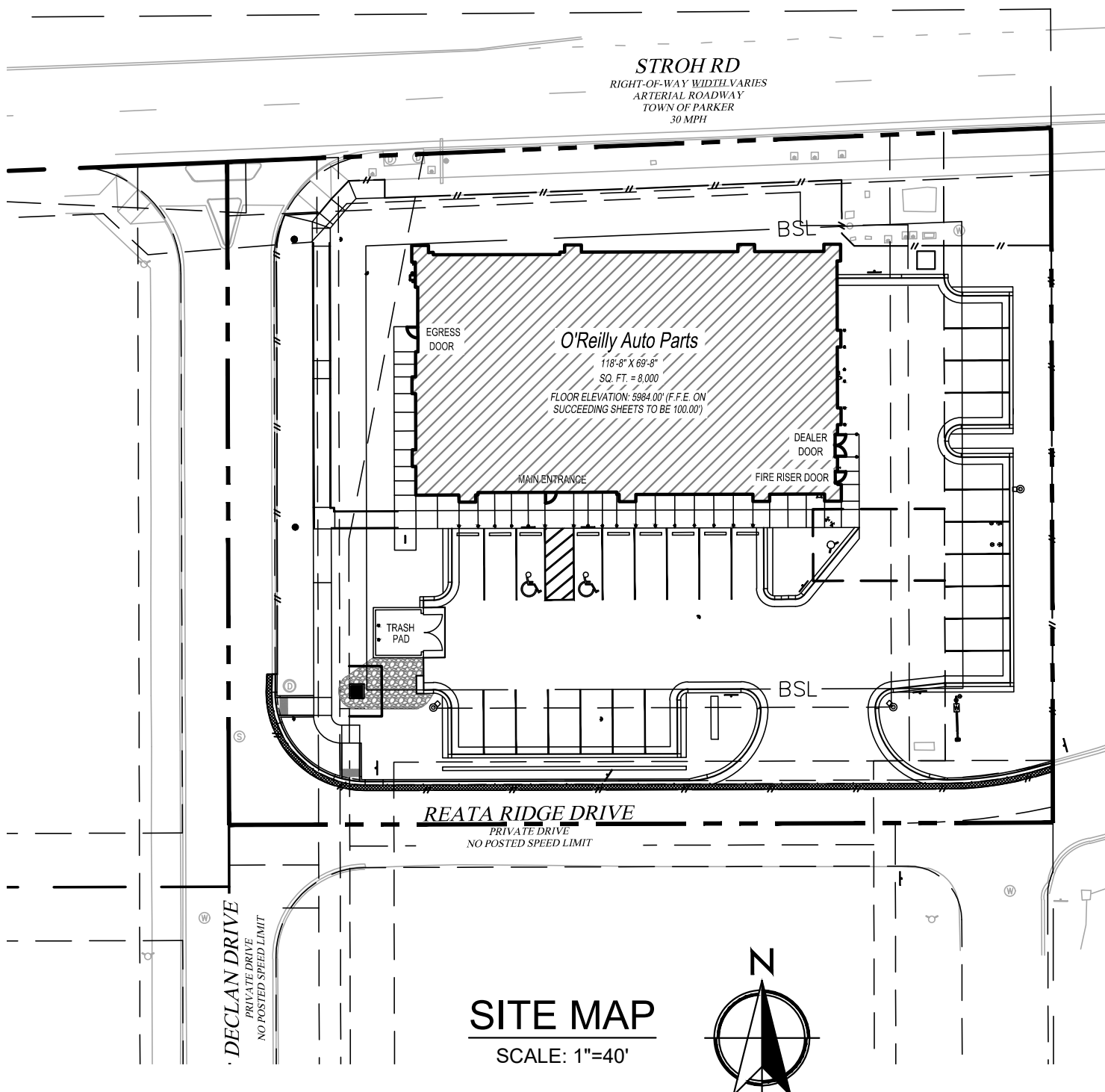
PERCENTAGE LANDSCAPE REFER TO LANDSCAPE PLANS

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER.

TOWN OF PARKER, DIRECTOR OF ENGINEERING/PUBLIC WORKS

DATE



SITE MAP

SCALE: 1"=40'

GENERAL NOTES

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

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

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

QUALITY CONTROL

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

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.



Know what's below
Call before you dig.

BENCHMARK

DOUGLAS COUNTY BENCHMARK 1.060032, EL=5,903.17 FEET (NAVD88) - 3 1/4" INCH ALUMINUM CAP (DOUGLAS COUNTY GIS SECONDARY CONTROL MONUMENT 1.060032) AT THE SOUTHEAST CORNER OF THE PARKING LOT OF STROH RANCH SOCCER FIELDS, ON THE NORTH SIDE OF STROH RD, EAST OF THE INTERSECTION OF STORH ROAD AND N. MOTSENBOCKER ROAD, CITY OF PARKER, COLORADO.

UNAUTHORIZED CHANGES & USES

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES OF THESE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS PRIOR TO CONSTRUCTION. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

BASIS OF BEARING

BEARINGS SHOWN HEREON ARE BASED ON THE NORTHERLY LINE OF THE NORTHEAST QUARTER OF SECTION 3, TOWNSHIP 7 SOUTH, RANGE 66 WEST OF THE 6TH P.M., MONUMENTED AS SHOWN ON THIS SURVEY PLAT AS BEARING NORTH 89°33'14" EAST, WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

LEGAL DESCRIPTION

LOT 1, PARKER POINTE SUBDIVISION, FILING NO.1 ACCORDING TO THE PLAT RECORDED JANUARY 7, 2022, AT RECEPTION NO. 2022001733, COUNTY OF DOUGLAS, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED; AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SECTION THREE (3), TOWNSHIP SEVEN (7) SOUTH, RANGE SIXTY-SIX (66) WEST OF THE SIXTH PRINCIPAL MERIDIAN AND CONSIDERING THE NORTHERLY LINE OF THE NORTHEAST QUARTER OF SECTION 3 AS AN ASSUMED BEARING OF NORTH 89°33'14" EAST, WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO;

THENCE ALONG THE EASTERLY LINE OF THE NORTHEAST QUARTER OF SAID SECTION 3 SOUTH 00°09'20" EAST 33.18 FEET TO THE NORTHEAST CORNER OF LOT 1 OF PARKER POINTE SUBDIVISION, FILING NO.1, SAID POINT BEING THE POINT OF BEGINNING.

THENCE ALONG THE EASTERLY, SOUTHERLY, WESTERLY, AND NORTHERLY LINES OF SAID LOT 1 THE FOLLOWING FOUR (4) COURSES:

- SOUTH 00°09'20" EAST 193.73 FEET;
- SOUTH 89°50'40" WEST 229.86 FEET;
- NORTH 00°09'20" WEST 184.90 FEET
- NORTH 87°38'41" EAST 230.03 FEET TO THE POINT OF BEGINNING

CONTAINING 43,516 SQUARE FEET OR 0.999 ACRES MORE OR LESS.

EARTHWORK SUMMARY

ESTIMATED CUT:	661 CUBIC YARDS
ESTIMATED FILL:	495 CUBIC YARDS
ESTIMATED NET:	166 CUBIC YARDS (EXPORT)
ESTIMATED OVER-EXCAVATION:	985 CUBIC YARDS
STEEPEST PROPOSED SLOPE:	3:1
TOTAL DISTURBANCE:	35,105 SF (0.81 AC)
EXISTING IMPERVIOUS AREA:	6,754 SF (0.16 AC)
PROPOSED IMPERVIOUS AREA:	30,270 SF (0.70 AC)
AREA OF LAND DISTURBANCE:	35,105 SF (0.81 AC)
TREATED BY WATER QUALITY CONTROL MEASURES	

NOTE:

EATHWORK QUANTITIES ARE CALCULATED USING AUTOCAD CIVIL 3D TO COMPARE THE DIFFERENCE BETWEEN THE EXISTING SURFACE (CREATED FROM THE SURVEY POINTS PROVIDED BY TAIT & ASSOCIATES) AND THE PROPOSED SURFACE. QUANTITIES ARE RAW NUMBERS TO BE USED FOR PERMIT PURPOSES ONLY. THESE FIGURES TO NOT INCLUDE REMEDIAL QUANTITIES, BULKING OR SHRINKAGE FACTORS. CONTRACTOR SHALL VERIFY QUANTITIES FOR CONSTRUCTION BID PURPOSES.

OVER-EXCAVATION QUANTITY ESTIMATED USING 2' OVER-EXCAVATION AT THE BUILDING FOUNDATION AND 8 INCH OVER-EXCAVATION FOR ALL OTHER PAVED SURFACES. SEE GEOTECHNICAL REPORT FOR DETAILS.

PROJECT: LOT 1 PARKER POINTE SUBDIVISION FILING 1

NEW O'REILLY AUTO PARTS STORE

STROH RD

PARKER, CO #2

SITE PLAN COVER SHEET



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

COMM # 4884

DATE: 05/02/2025

REVISION

DATE:

CT1.3

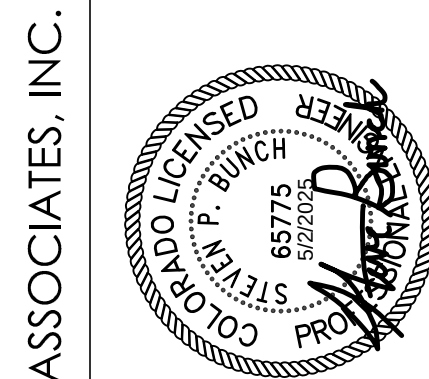
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ENGINEERING ENVIRONMENTAL BUILDING LAND

Sanita Ana Sacramento Denver

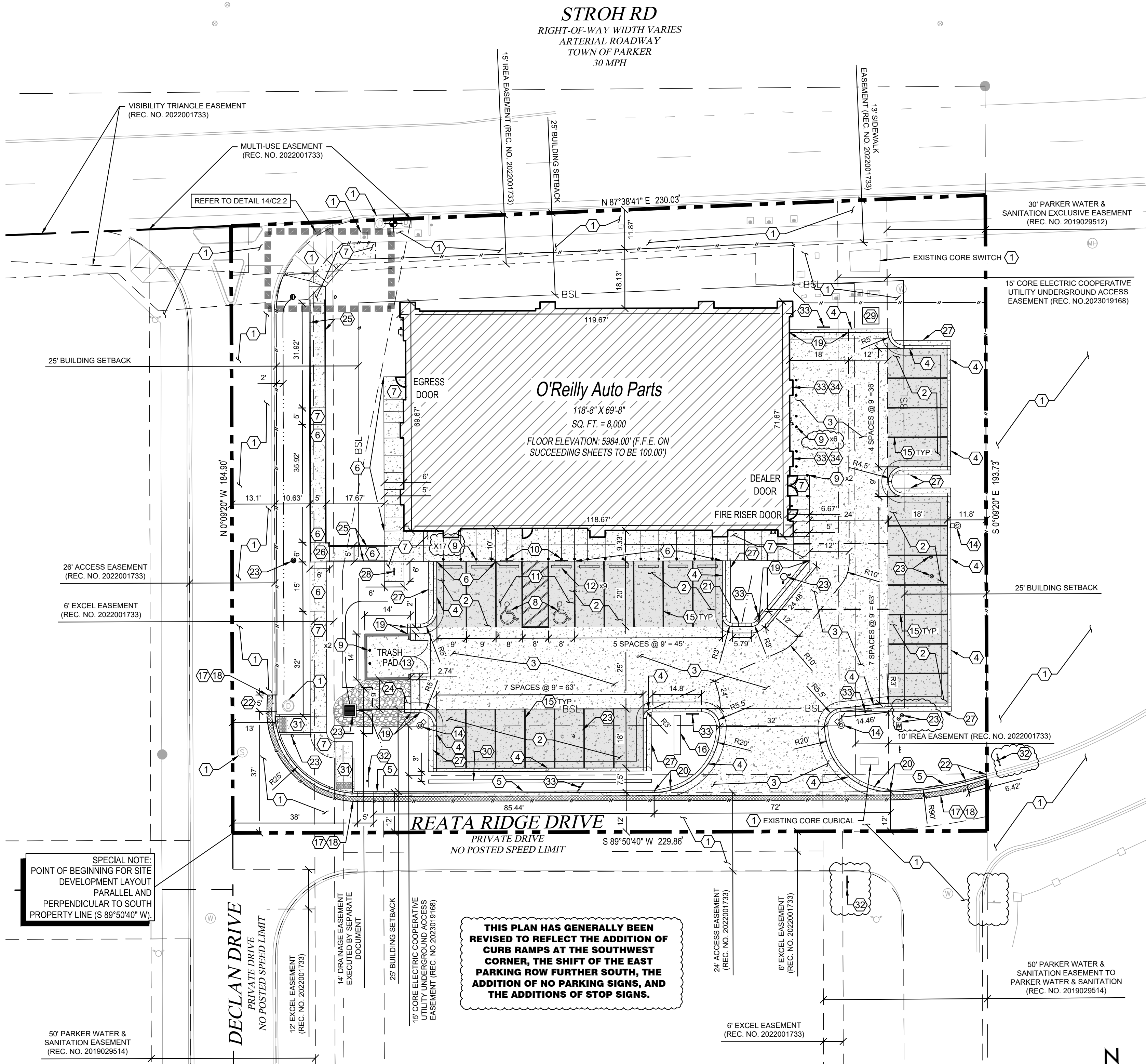
San Luis Obispo Riverside Boise

Dallas



PREPARED UNDER THE SUPERVISION OF TAIT & ASSOCIATES, INC.

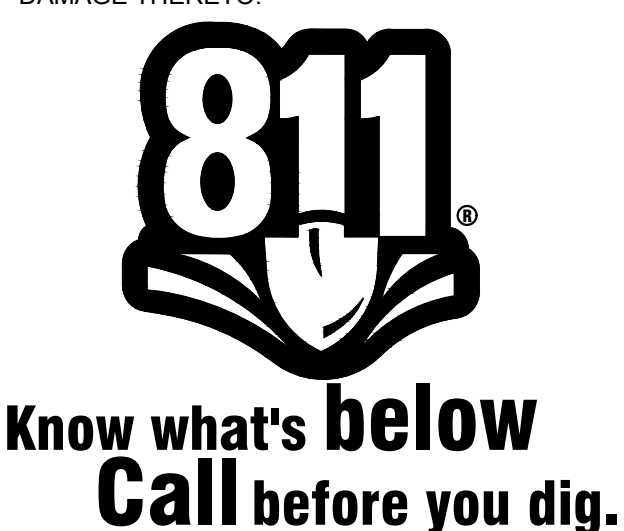
Steven P. Bunch, PE 65775



1 SITE DEVELOPMENT PLAN

C2.1 SCALE: 1" = 20'-0"

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KEY NOTES

- PROTECT EXISTING IMPROVEMENTS IN PLACE.
- CONCRETE PAVING (STANDARD DUTY) AT PARKING AREAS. REFER TO DETAIL 2/C2.2
- CONCRETE PAVING (HEAVY DUTY) AT DRIVE AREAS, DRIVE APRONS, FIRE LANES, AND REFUSE AREA. REFER TO DETAIL 1/C2.2
- INSTALL CONCRETE CURB PER DETAIL 3/C2.2.
- INSTALL TOWN OF PARKER MEDIAN CURB AND GUTTER SECTION PER DETAIL 13 ON SHEET C2.4.
- INSTALL CONCRETE SIDEWALK CURB PER DETAIL 4/C2.2. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT OF CONTROL AND EXPANSION JOINTS ADJACENT TO BUILDING PERIMETER.
- INSTALL CONCRETE SIDEWALK OR DOOR LANDING PER DETAIL 5/C2.2. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT ADJACENT TO BUILDING PERIMETER.
- INSTALL ACCESSIBLE PARKING SYMBOL PAVEMENT STRIPING PER DETAIL 6/C2.2.
- INSTALL STEEL BOLLARD PER DETAIL 7/C2.2. PROVIDE (2) AT REFUSE CONTAINER AREA, (2) AT SECTIONAL OVERHEAD FREIGHT DOOR, (6) ALONG EAST SIDE OF BUILDING AND PROVIDE (17) AT FRONT ENTRY. REFER TO STRUCTURAL DRAWINGS FOR BOLLARDS ADJACENT TO BUILDING PERIMETER.
- INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 8/C2.2.
- 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.
- INSTALL CONCRETE BUMPER BLOCK (8" W X 5" H X 6'-0" L) ANCHORED TO PAVING WITH (2) 1'-6" LONG #4 REBAR.
- REFUSE ENCLOSURE. REFER TO 1/C2.3.
- PARKING LOT LIGHTING SHOWN FOR REFERENCE ONLY. REFER TO SHEET US1 FOR MORE DETAIL.
- INSTALL 4" WIDE PAVEMENT STRIPING AS SHOWN USING HIGHWAY MARKING PAINT - YELLOW (2 COATS).
- SITE SIGN SHOWN FOR REFERENCE ONLY. REFER TO SHEET SG1.1 FOR CONSTRUCTION TYPE AND LOCATION. SIGN IS OWNER FURNISHED AND INSTALLED (REFER TO SCOPE OF WORK SCHEDULE). REFER TO SHEET US1 FOR ADDITIONAL REQUIREMENTS. NOTE: SIGN APPROVAL NOT A PART OF THIS SITE PLAN AND SHALL BE APPROVED THROUGH SEPARATE PERMIT.
- LIMITS OF NEW PAVING. MATCH EXISTING PAVEMENT TRANSITION ELEVATIONS. AT TRANSITIONS OF NEW 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.
- 1.5' WIDE, 2" DEEP GRADE SX ASPHALT MILL & OVERLAY PER GEOTECHNICAL RECOMMENDATIONS.
- TRANSITION TO 0" CURB OVER DISTANCE AS SHOWN.
- 5' TRANSITION FROM 6" WIDE CURB TO 1' WIDE CURB.
- 2' CURB CUT PER DETAIL 9/C2.2.
- TRANSITION TO EXISTING 6" CURB AND GUTTER.
- REFER TO SHEET C3.1 FOR STORM AND UTILITY IMPROVEMENT DETAILS.
- INSTALL 5' X 2' CONCRETE SPLASH PAD RECESSED 2" MIN. FROM PARKING ACCESS AISLE PAVEMENT. REFER TO GRADING PLAN FOR ELEVATIONS.
- INSTALL SIDEWALK RAMP RAILING PER DETAIL 16/C2.2.
- 5' X 5' CLEAR SPACE AT RAMP CHANGE IN DIRECTION.
- INSTALL 1.5' WIDE, 4" THICK CONCRETE STRIP ATTACHED TO PARKING STALL BACK OF CURB.
- INSTALL INVERTED U BIKE RACK. SEE DETAIL 11/C2.2.
- INSTALL TRANSFORMER PAD PER CORE ELECTRIC STANDARDS.
- INSTALL PARKING LOT SCREENING WALL. REFER TO STRUCTURAL FOR MORE DETAIL.
- INSTALL DIRECTIONAL CURB RAMP PER TOWN OF PARKER STANDARD DETAIL 15 ON SHEET C2.4. REFER TO DETAIL 14/C2.2 FOR SPECIFIC CONSTRUCTION DIMENSIONS.
- INSTALL R1-1 STOP SIGN PER LATEST MUTCD STANDARDS.
- INSTALL "NO PARKING FIRE LANE" SIGN PER DETAIL ON SHEET C2.4 AND THE LATEST MUTCD STANDARDS.
- WALL MOUNT "NO PARKING FIRE LANE" SIGN PER DETAIL ON SHEET C2.4 TO BUILDING EXTERIOR PER ARCHITECT RECOMMENDATIONS.

ZONING CODE

ZONING CLASSIFICATION:	MIXED-USE COMMUNITY
PROPERTY AREA:	43,516 SF (0.999 AC)
PROPOSED BUILDING AREA:	8,000 SF
PROPOSED PARKING PAVEMENT:	12,900 SF
PROPOSED SIDEWALK PAVEMENT:	2,250 SF
PARKING SUMMARY	
PARKING FORMULA:	1 SP. PER 300 SF GFA
SPACE SIZE:	9' x 20' AT BUILDING 9' x 18' ALL OTHER LOCATIONS
SPACES REQUIRED:	27
SPACES PROVIDED:	27
H.C. SPACES PROVIDED:	2
BUILDING SETBACK DISTANCE	
NORTH PROPERTY LINE	VARIES (25.4' MIN., 31.8' MAX)
EAST PROPERTY LINE	VARIES (58.8' MIN., 60.5' MAX)
SOUTH PROPERTY LINE	VARIES (69.8' MIN., 92.5' MAX)
WEST PROPERTY LINE	VARIES (51.4' MIN., 53.1' MAX)

GENERAL NOTES

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. ALL ON SITE CONCRETE TO BE 4,500 PSI.
- SITE DIMENSIONS TO FACE OF CONCRETE FOUNDATION, SIDEWALK, CURB GUTTER LINE, PROPERTY LINE, OR CENTER LINE OF STRIPING UNLESS OTHERWISE NOTED.
- COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- REFER TO STRUCTURAL DRAWINGS FOR BUILDING DIMENSIONS AND LAYOUT OF SIDEWALKS ADJACENT TO BUILDING PERIMETER.
- 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.

SYMBOLS LEGEND

NOTE:REFER TO SURVEY FOR EXISTING CONDITIONS SYMBOLS LEGEND.	
---	RIGHT-OF-WAY
---	O'REILLY PROPERTY LINE
---	ADJACENT PROPERTY LINE
---	EXISTING EASEMENT
---	PROPOSED EASEMENT
---	BSL BUILDING SETBACK LINE
---	ROAD CENTERLINE
---	LIMIT OF DISTURBANCE
---	PROPOSED SAWCUT
---	PROPOSED FLOWLINE
+	PROPOSED SIGN
+	PROPOSED WHEEL STOP
•	PROPOSED BOLLARD
△	PROPOSED FDC
⦿	PROPOSED FIRE HYDRANT
•	PROPOSED GATE VALVE
•	PROPOSED CLEANOUT
⊙	PROPOSED LIGHT POLE
▨	PROPOSED BUILDING FOOTPRINT
▨	PROPOSED LIGHT DUTY CONCRETE
▨	PROPOSED HEAVY DUTY CONCRETE
▨	PROPOSED MILL & OVERLAY
▨	PROPOSED RIPRAP

PREPARED UNDER THE SUPERVISION OF TAIT & ASSOCIATES, INC.

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ENGINEERING ENVIRONMENTAL BUILDING LAND
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LOT 1 PARKER POINTE SUBDIVISION FILING 1

PROJECT:
NEW O'REILLY AUTO PARTS STORE
STROH RD
PARKER, CO #2

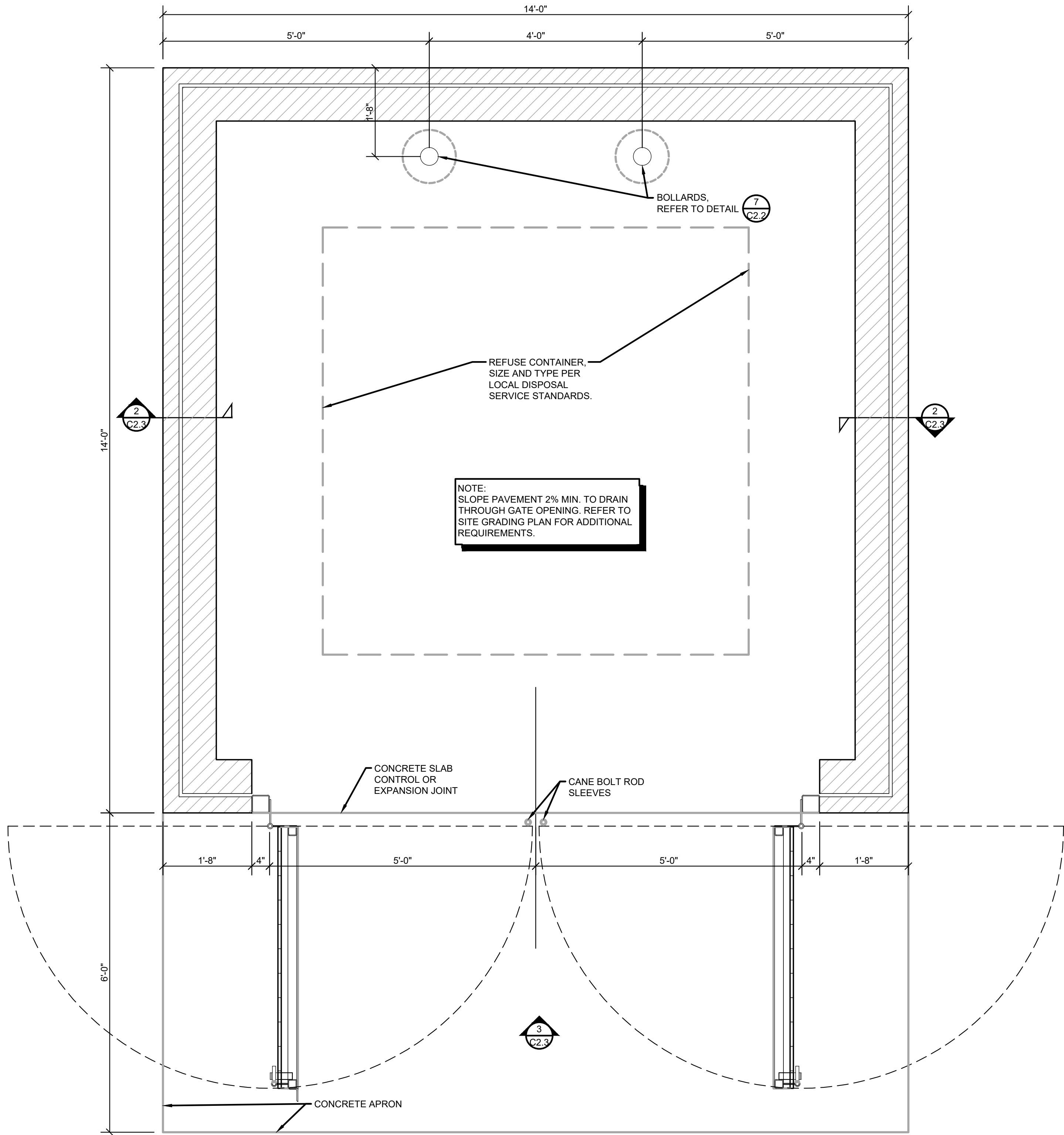
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SITE DEVELOPMENT PLAN

O'Reilly AUTO PARTS

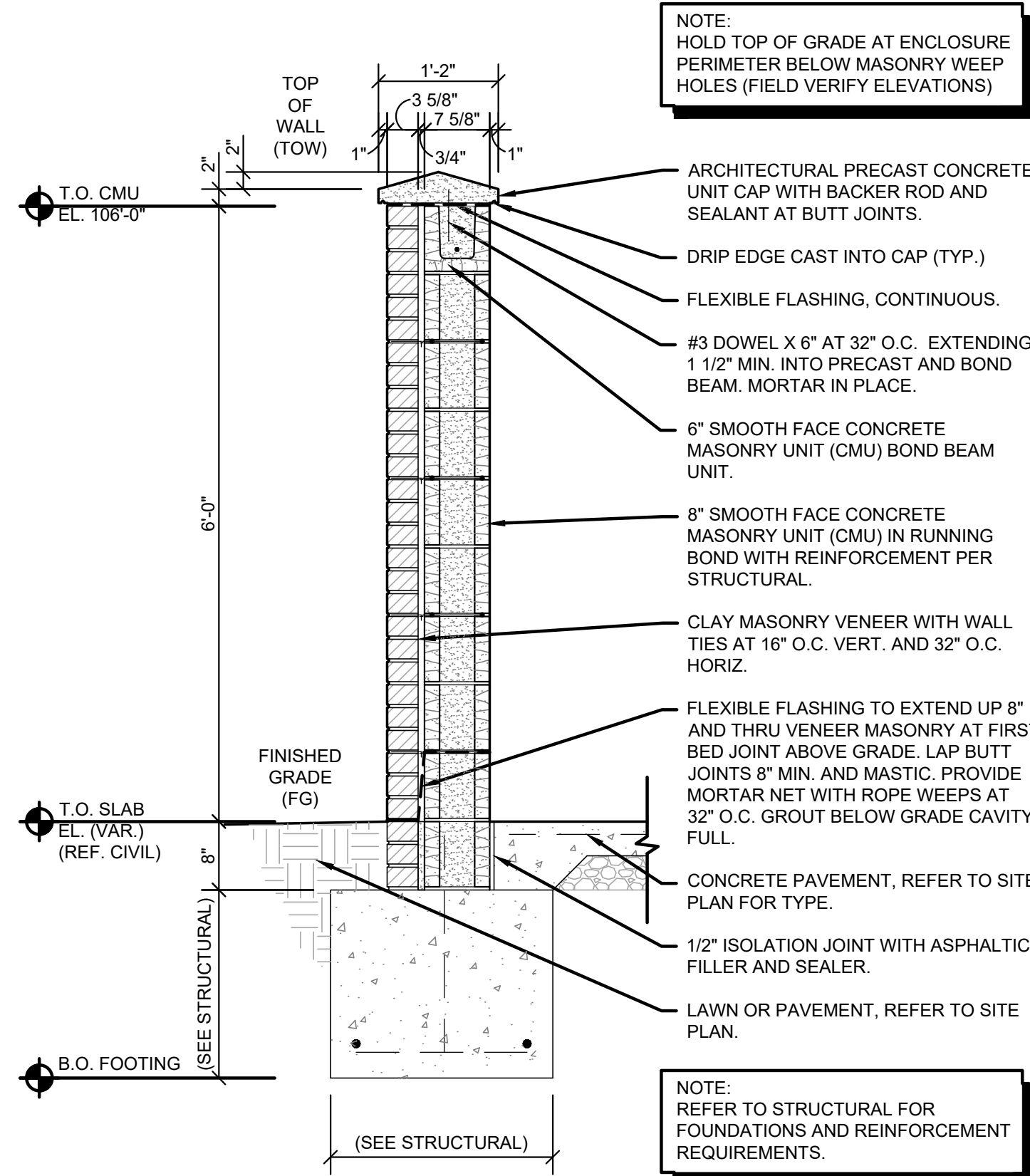
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COMM # 4884
DATE: 02/14/2025
REVISION
DATE: 05/02/2025



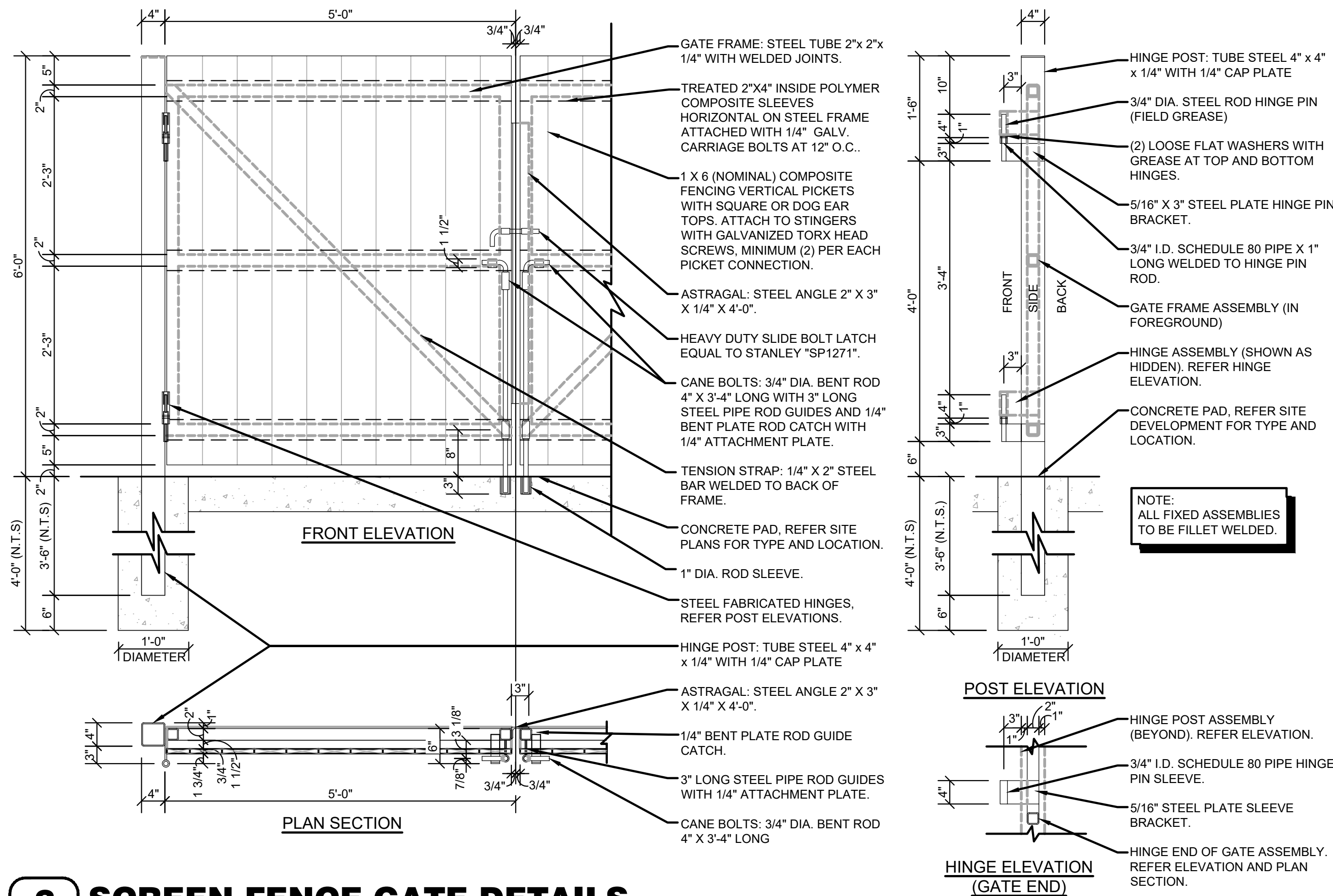
1 MASONRY SCREEN FENCE REFUSE ENCLOSURE PLAN

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"

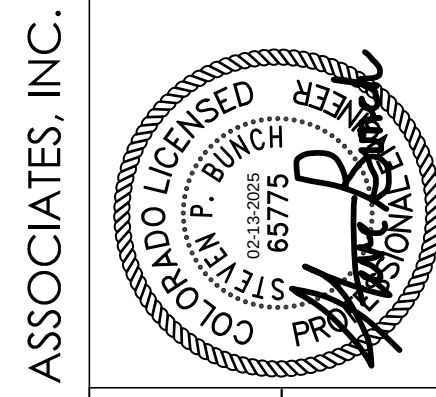
THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER.

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- (B) DIMENSIONS ARE TO ROUGH FACE OF CONCRETE, FRAMING, OR CENTER LINE OF STRUCTURE UNLESS OTHERWISE INDICATED.
- (C) REFER TO CIVIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- (D) REFER TO ARCHITECTURAL EXTERIOR FINISH SCHEDULE FOR MATERIAL TYPES, COLORS, AND FINISHES. UNLESS OTHERWISE INDICATED PROVIDE FINISHES AS FOLLOWS:

1. ALL NON-GALVANIZED METAL PARTS TO BE PRIMED AND PAINTED (2) COATS SHERWIN WILLIAMS SW6468 "HUNT CLUB".
2. COMPOSITE FENCING MATERIAL COLOR TO BE EQUAL TO LOUISIANA-PACIFIC - LP ELEMENTS ATLAS COLLECTION-76 SERIES "PORTLAND STORM" OR MIDWEST MANUFACTURING - ULTRADECK "NEW".



320 North Lincoln Avenue
Loveland, CO 80537

p: 970.613.1447
www.tait.com

ENGINEERING ENVIRONMENTAL BUILDING LAND
SANTA ANA SACRAMENTO DENVER BOISE



PREPARED UNDER THE SUPERVISION OF TAIT & ASSOCIATES, INC.

LOT 1 PARKER POINTE SUBDIVISION FILING 1

PROJECT: NEW O'REILLY AUTO PARTS STORE

STROH RD

PARKER, CO #2

REFUSE ENCLOSURE

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

TIMOTHY M. GUILLOT

ARCHITECT

1736 East Sunshine, Suite 417
Springfield, Missouri 65804

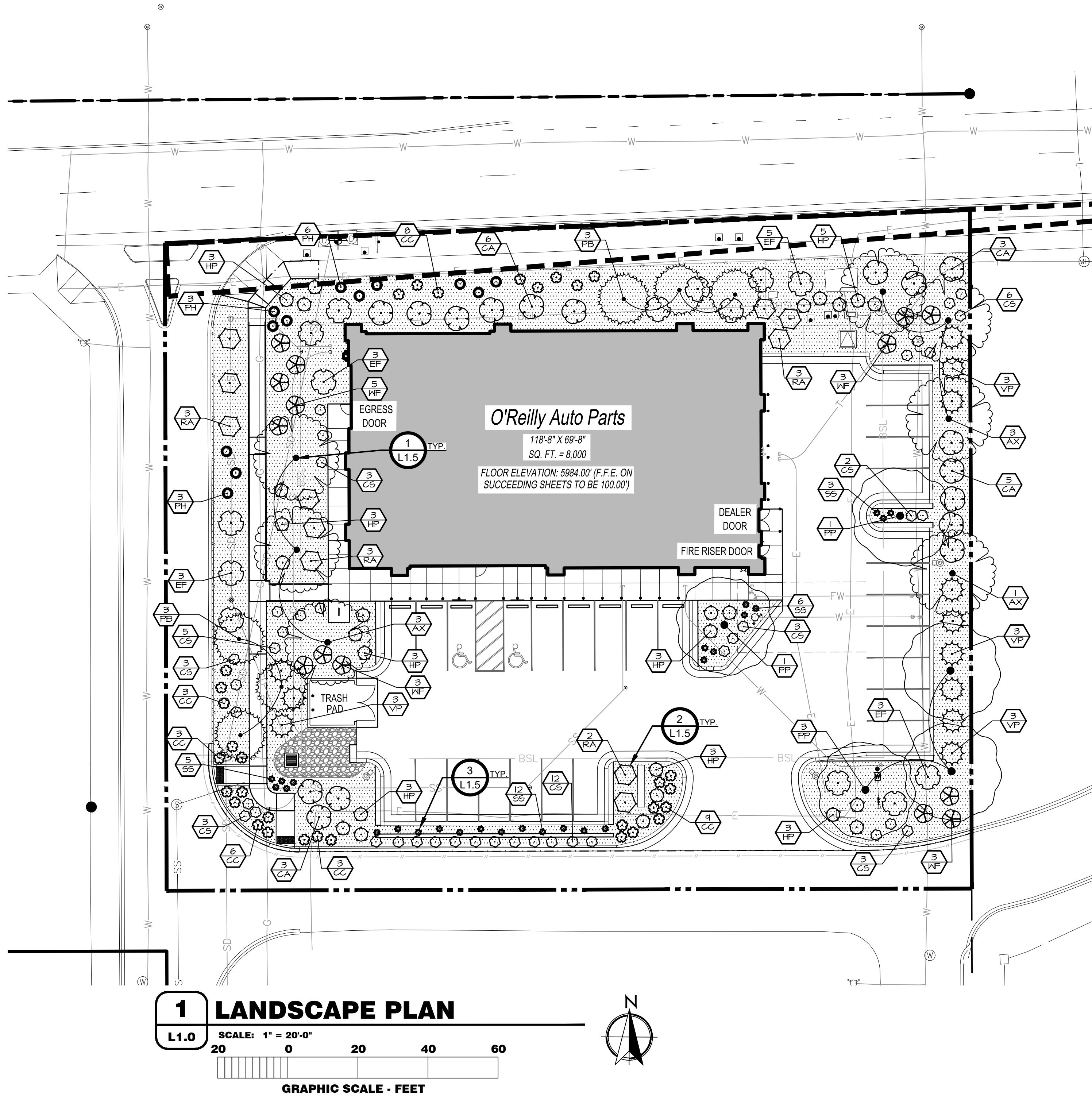
417.862.0558
Fax: 417.862.3265
e-mail: architect@eterlyschneider.com

COMM # 4884

DATE: 02/14/2025

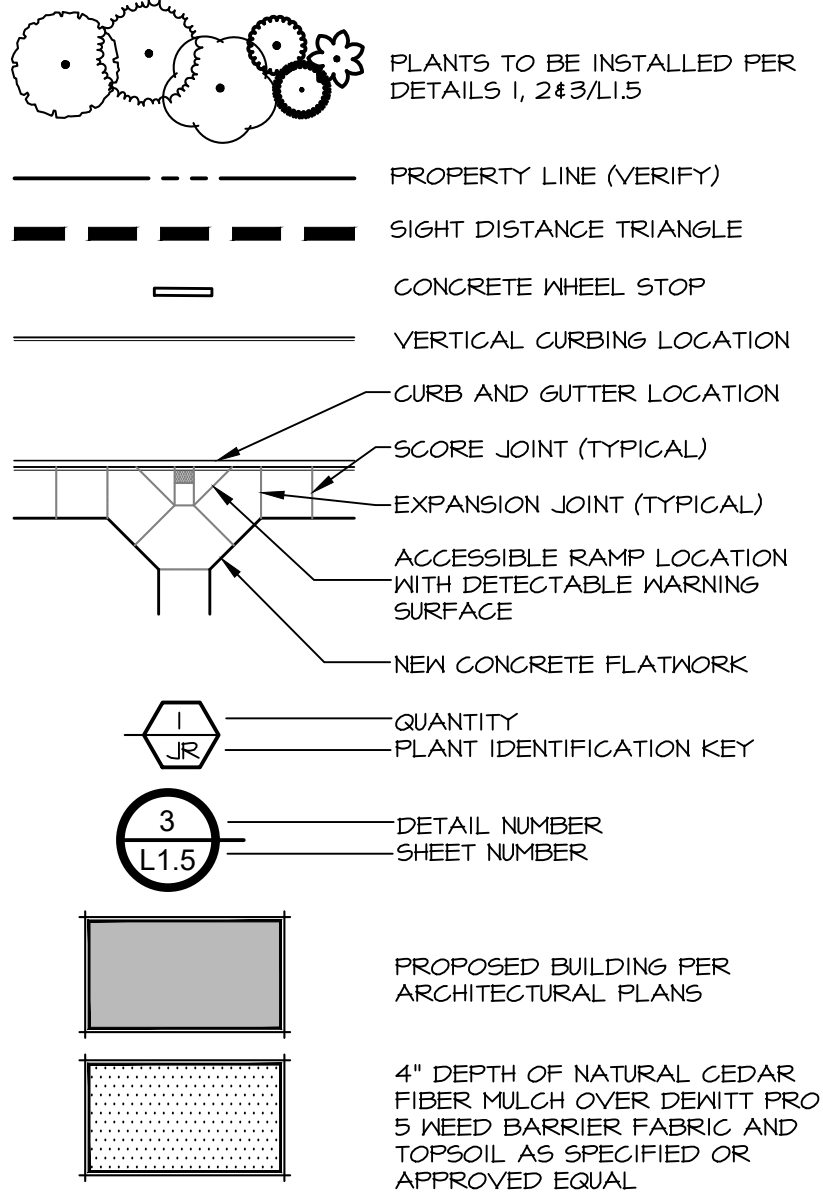
REVISION

DATE:



1 WHOLE SHEET

LANDSCAPE LEGEND



LANDSCAPE REQUIREMENTS

EAST PARKING LOT ISLAND - 71 SF			
Requirements:	REQUIRED	PROVIDED	
1 TREE / ISLAND	1 TREES	1 TREES	
5 SHRUBS / ISLAND	5 SHRUBS	5 SHRUBS	
SOUTH PARKING LOT ISLAND - 286 SF			
Requirements:	REQUIRED	PROVIDED	
1 TREE / ISLAND	1 TREES	1 TREES	
5 SHRUBS / ISLAND	5 SHRUBS	12 SHRUBS	
NORTH PERIMETER - 216 LF			
Requirements:	REQUIRED	PROVIDED	
1 TREE / 40 LF	5 TREES	5 TREES	
5 SHRUBS / 40 LF	21 SHRUBS	47 SHRUBS	
* REPLACE 1 TREE WITH 10 SHRUBS			
EAST PERIMETER - 164 LF			
Requirements:	REQUIRED	PROVIDED	
1 TREE / 40 LF	4 TREES	4 TREES	
5 SHRUBS / 40 LF	21 SHRUBS	22 SHRUBS	
* REPLACE 1 TREE WITH 10 SHRUBS			
SOUTH PERIMETER - 217 LF			
Requirements:	REQUIRED	PROVIDED	
1 TREE / 40 LF	5 TREES	1 TREES*	
5 SHRUBS / 40 LF	21 SHRUBS	68 SHRUBS*	
* REPLACE 1 TREE WITH 10 SHRUBS			
WEST PERIMETER - 156 LF			
Requirements:	REQUIRED	PROVIDED	
1 TREE / 40 LF	4 TREES	5 TREES	
5 SHRUBS / 40 LF	20 SHRUBS	21 SHRUBS	
* REPLACE 1 TREE WITH 10 SHRUBS			
GENERAL			
Requirements:	TOTAL TREES	EVERGREEN TREES	PROVIDED
25-50% EVERGREEN TREES	10 TREES	6 TREES	33%
1 TREE & 5 SHRUBS / 1500 SF	LANDSCAPE AREA	TOTAL TREES	TOTAL SHRUBS
* REPLACE 1 TREE WITH 10 SHRUBS	11,655 SF	10 TREES	204 SHRUBS

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES						
	AX	7	Acer truncatum x platanoides 'Warrenred'	Pacific Sunset Maple	2" Cal. B4B	30' X 25' W
	PF	5	Parrotia persica	Persian Ironwood	2" Cal. B4B	40' X 30' W
	PB	6	Picea pungens glauca 'Baby Blue Eyes'	Baby Blue Eyes Colorado Blue Spruce	2" Cal. B4B	30' X 15' W
SHRUBS						
	CC	32	Cornepalis x 'Creme Brulee'	Creme Brulee Tickseed	1 gal.	1'-2" H x 2'-3" W
	CA	17	Cornus alba 'Ballhalo' TM	Ivory Halo Dogwood	5 gal.	6'-8" H & W
	CS	40	Cornus sericea 'Kelsey'	Kelsey Dwarf Redtwig Dogwood	2 gal.	24"-30" H x 24"-30" W
	EF	14	Euonymus fortunei 'Colorata'	Purple-leaf Winter Creeper	2 gal.	2'-3" H & 6'-8" W
	HP	26	Hydrangea paniculata 'Little Lime'	Little Lime Panicle Hydrangea	5 gal.	3'-5" H & W
	PH	12	Pennisetum alopecuroides 'Hamel'	Hamel Fountain Grass	2 gal.	2'-3" H x 2'-3" W
	RA	11	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	3 gal.	2'-3" H x 5'-7" W
	SS	26	Salvia x sylvestris 'May Night'	May Night Sage	1 gal.	18"-24" H & W
	VP	12	Viburnum plicatum 'Popcorn'	Popcorn Japanese Snowball	5 gal.	6'-8" H & 6'-8" W
	WF	14	Wegelia florida 'Red Prince'	Red Prince Weigela	5 gal.	5'-6" H & W

** The minimum offset distance of any tree to edge of storm pipe/ Inlet is 7 feet per SDECM Section 6.3.3.2.



IRRIGATION NOTES

1. SYSTEM DESIGN BASED ON THE ASSUMPTION OF THE AVAILABILITY OF 19 G.P.M. WITH 65 P.S.I. AT THE SOURCE AND 45 P.S.I. AT THE HEADS.
2. ALL LATERAL LINES THAT ARE NOT LABELED SHALL BE 3/4" DIAMETER.
3. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO INITIATION OF ANY DEMOLITION OR CONSTRUCTION OPERATIONS. ANY DAMAGE TO EXISTING UTILITIES SHALL BE CONTRACTOR'S RESPONSIBILITY.
4. COORDINATE ALL IRRIGATION INSTALLATION OPERATIONS WITH CIVIL, MECHANICAL, AND ELECTRICAL ENGINEERING SHEETS.
5. CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION CONDUIT AND SLEEVES UNDER HARD SURFACES WITH RESPECTIVE CONTRACTORS.
6. ALL SLEEVES SHALL BE INSTALLED AS PART OF IRRIGATION CONTRACT. APPROXIMATE LOCATION OF SLEEVES ARE SHOWN ON THE IRRIGATION PLAN. FIELD VERIFY LOCATION. ALL ENDS OF SLEEVES SHALL BE TAPED OR CAPPED AND MARKED WITH A 2" X 4" PAINTED STAKE EXTENDING TO 24" ABOVE GRADE. STAKES SHALL NOT BE REMOVED UNTIL THE IRRIGATION SYSTEM IS COMPLETE. ALL SLEEVES SHALL EXTEND A MINIMUM OF 18" BEYOND BACK OF CURB OR EDGE OF PAVEMENT. PROVIDE COMPACTED BACKFILL AS NECESSARY AT HARD SURFACE LOCATIONS.
7. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED FOR THIS WORK.
8. IRRIGATION CONTROLLER(S) ARE TO BE LOCATED AS SHOWN ON THE PLAN. CONTROLLERS SHALL BE WIRED TO POWER SUPPLY BY A LICENSED ELECTRICIAN PER LOCAL CODES. IRRIGATION CONTRACTOR TO PROVIDE ALL REQUIRED CONNECTIONS TO 24 VOLT IRRIGATION CONTROL WIRE INSIDE THE BUILDING THROUGH APPROPRIATE SIZED CONDUIT.
9. ALL HEADS ARE TO BE 4" POP-UP IN LAWN AREAS. IRRIGATED AREAS CONTAINING VEGETATION WHICH POTENTIALLY MAY IMPEDE PERFORMANCE OF A 4" POP-UP SPRINKLER ARE TO BE REPLACED WITH A 12" HIGH POP-UP SPRINKLER. ALL ELECTRICAL WORK TO MEET OR EXCEED N.E.C., STATE CODES, LOCAL CODES, AND MANUFACTURER'S RECOMMENDATIONS.
11. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ROCK AND DEBRIS BROUGHT TO THE SURFACE AS A RESULT OF TRENCHING OPERATIONS.
12. CONTRACTOR SHALL REFER TO SPECIFICATIONS AND DETAIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
13. ALL 24 VOLT POWER WIRES SHALL BE #14 AWG SOLID COPPER. ALL ABOVE GROUND 120 VOLT AND 24 VOLT WIRE SHALL BE IN PVC CONDUIT. ALL 24 VOLT CONTROL WIRES SHALL BE LOCATED IN A 3/4" CONDUIT.
14. INSTALLATION SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL LAWS AND ORDINANCES.
15. IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE AS-BUILT DRAWING IN PDF FORMAT UPON COMPLETION OF INSTALLATION AND PRIOR TO FINAL PAYMENT.
16. THE ENTIRE SYSTEM SHALL BE GUARANTEED TO BE COMPLETE AND PERFECT IN EVERY DETAIL FOR A PERIOD OF ONE YEAR FROM THE DATE OF ITS ACCEPTANCE. REPAIRS OR REPLACEMENT OF ANY DEFECTS OCCURRING WITHIN THAT ONE YEAR SHALL BE FREE OF EXPENSE TO THE OWNER.
17. AS PART OF THIS CONTRACT, PERFORM AT NO EXTRA COST WINTERIZATION AND SPRING START-UP OF THE SYSTEM DURING THE GUARANTEE PERIOD (1 YEAR).
18. ALL MATERIALS SHALL BE NEW AND WITHOUT FLAWS OR DEFECTS OF THE QUALITY AND PERFORMANCE SPECIFIED, AND SHALL MEET THE REQUIREMENTS OF THIS SYSTEM. USE MATERIALS AS SPECIFIED, NO SUBSTITUTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN PERMISSION OF THE OWNER OR DESIGN PROFESSIONAL.
19. IRRIGATION CONTRACTOR SHALL MAKE NECESSARY MINOR FIELD ADJUSTMENTS TO SPRINKLER NOZZLES, SPRINKLERS, PIPE, AND OTHER IRRIGATION EQUIPMENT LOCATIONS TO FIT AS-BUILT SITE. ADJUST HEAD AND PIPE LOCATIONS AS REQUIRED TO AVOID DAMAGING EXISTING TREE ROOTS. ADJUSTMENTS SHALL ENSURE HEAD TO HEAD COVERAGE AND NOT OVER SPRAY THE BUILDING OR OTHER IMPROVEMENTS.
20. IRRIGATION PIPING LAYOUT IS SCHEMATIC. WHERE LINES ARE SHOWN BELOW PAVEMENT ADJACENT TO LANDSCAPE AREAS, THEY SHALL BE LOCATED IN THE LANDSCAPE AREA UNLESS SHOWN WITH A SLEEVE SYMBOL.
21. BASE PLAN AND LOCATION OF EXISTING EQUIPMENT ARE SCHEMATIC IN NATURE. FIELD VERIFY ALL BASE AND EXISTING IRRIGATION ELEVATIONS AND CONDITIONS PRIOR TO CONSTRUCTION AND PROVIDE NECESSARY ADJUSTMENTS.
22. IRRIGATION CONTRACTOR SHALL USE THE MANUFACTURER'S APPROVED PRESSURE REGULATING MODULE AS SPECIFIED TO ADJUST ZONE OPERATING PRESSURES TO AN AVERAGE OF 30 P.S.I. IN SPRAY ZONES AND 45 P.S.I. IN ROTOR ZONES.
23. ALL MAIN LINE FITTINGS SHALL BE SCHEDULE 40 SOLVENT WELD TYPE UNLESS NOTED FOR LATERAL SERVICE.
24. IN THE EVENT OF A DISCREPANCY, IMMEDIATELY NOTIFY THE DESIGN PROFESSIONAL.
25. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE CERTIFICATE OF COMPLETION, IRRIGATION SCHEDULING, LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULES, IRRIGATION AUDIT, IRRIGATION SURVEY, AND IRRIGATION WATER USE ANALYSIS.

DRIP IRRIGATION NOTES

1. ALL PLANTER BEDS SHALL BE IRRIGATED WITH AN INLINE EMITTER DRIP LINE IRRIGATION SYSTEM, HUNTER® HDL OR APPROVED EQUAL. ALL TREES IN THE NOTED AREA ARE TO BE IRRIGATED AS PER DETAIL 11/L2.5. THE CONTRACTOR IS RESPONSIBLE TO INSTALL THE DRIP SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS AND THE FOLLOWING REQUIREMENTS:
- A. AN INLINE EMITTER DRIP LINE TUBING SHALL BE USED. THE EMITTER SPACING SHALL BE TWELVE INCHES (12") AND THE EMITTER FLOWS ARE TO BE .6 G.P.H. LATERALS SHALL BE SPACED AT TWELVE INCHES (12").
- B. A MANUAL BASKET FILTER SHALL BE INSTALLED ON EACH ZONE SEE LEGEND FOR MODEL NUMBER. THE FILTER SHALL BE INSTALLED IN CONJUNCTION WITH AN ELECTRIC REMOTE CONTROL VALVE AS SPECIFIED (SIZE AS NOTED ON SCHEDULE). THE FILTER SHALL INCLUDE A 200 MESH STAINLESS STEEL SCREEN.
- C. ALL ZONES SHALL BE INSTALLED WITH A MANUAL LINE FLUSHING VALVE. INSTALL WITH COLLAR. SEE DETAIL 2/L2.0.
- D. ALL TUBING SHALL BE STAKED DOWN WITH T156 SIX INCH (6") SOIL STAPLES EVERY 3'-5' PLUS TWO ON EACH TEE, ELBOW OR CROSS.
2. THE CONTRACTOR IS RESPONSIBLE TO SCHEDULE A MEETING WITH THE DESIGN PROFESSIONAL AND THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH ANY IRRIGATION INSTALLATION IN ORDER TO REVIEW WORK TO BE DONE. NO CHANGES IN MATERIAL SPECIFIED OR TO THE DESIGN OF THE SYSTEM SHALL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DESIGN PROFESSIONAL.
3. ALL PVC LATERAL LINES FROM VALVES TO HEADERS ARE TO BE BURIED AT MINIMUM DEPTH OF TWELVE INCHES (12"). SIZE AS NECESSARY. (SEE PIPE SIZING NOTES ON THIS SHEET.)
4. AFTER INSTALLATION OF THE IRRIGATION SYSTEM THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE OWNER WITH AS-BUILT DRAWINGS AND INSTRUCTIONS FOR MAINTENANCE OF THE DRIP SYSTEM.
5. PROVIDE DRIP LINE TO ENSURE EACH SHRUB AND TREE RECEIVES ADEQUATE IRRIGATION SO THAT THE OPTIMUM AMOUNT OF WATER IS APPLIED TO ENSURE THE HEALTH OF ALL PLANT MATERIAL. BURY DRIP LINE AT 5" MIN. BELOW GRADE, SEE DETAIL 10/L2.5. LOCATE DRIP LINE TO OBTAIN COMPLETE COVERAGE OF PLANTER AREAS, SEE DETAIL 10/L2.5. REFER TO NOTES, SPECIFICATIONS, AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

SYSTEM OPERATIONAL NOTES

SYSTEM OPERATION:
(BASED ON HISTORICAL CLIMATE)

CONTROLLER SETUP:

A CYCLING TECHNIQUE WILL BE USED FOR APPLICATION OF WATER, EACH STATION RUN TIME WILL BE APPLIED WITH THREE (3) DIFFERENT START TIMES. THEREFORE STATION RUN TIMES REFLECT ONE THIRD (1/3) THE TOTAL APPLICATION. PEAK WATER APPLICATION WILL REQUIRE IRRIGATION EVERY NIGHT. SCHEDULE CONTROLS FOR START TIME #1 AT 7:30P.M., START TIME #2 AT 12:00A.M., AND START TIME #3 AT 5:30A.M. EXTEND WATER WINDOW IF REQUIRED TO MEET PEAK WATER REQUIREMENTS.

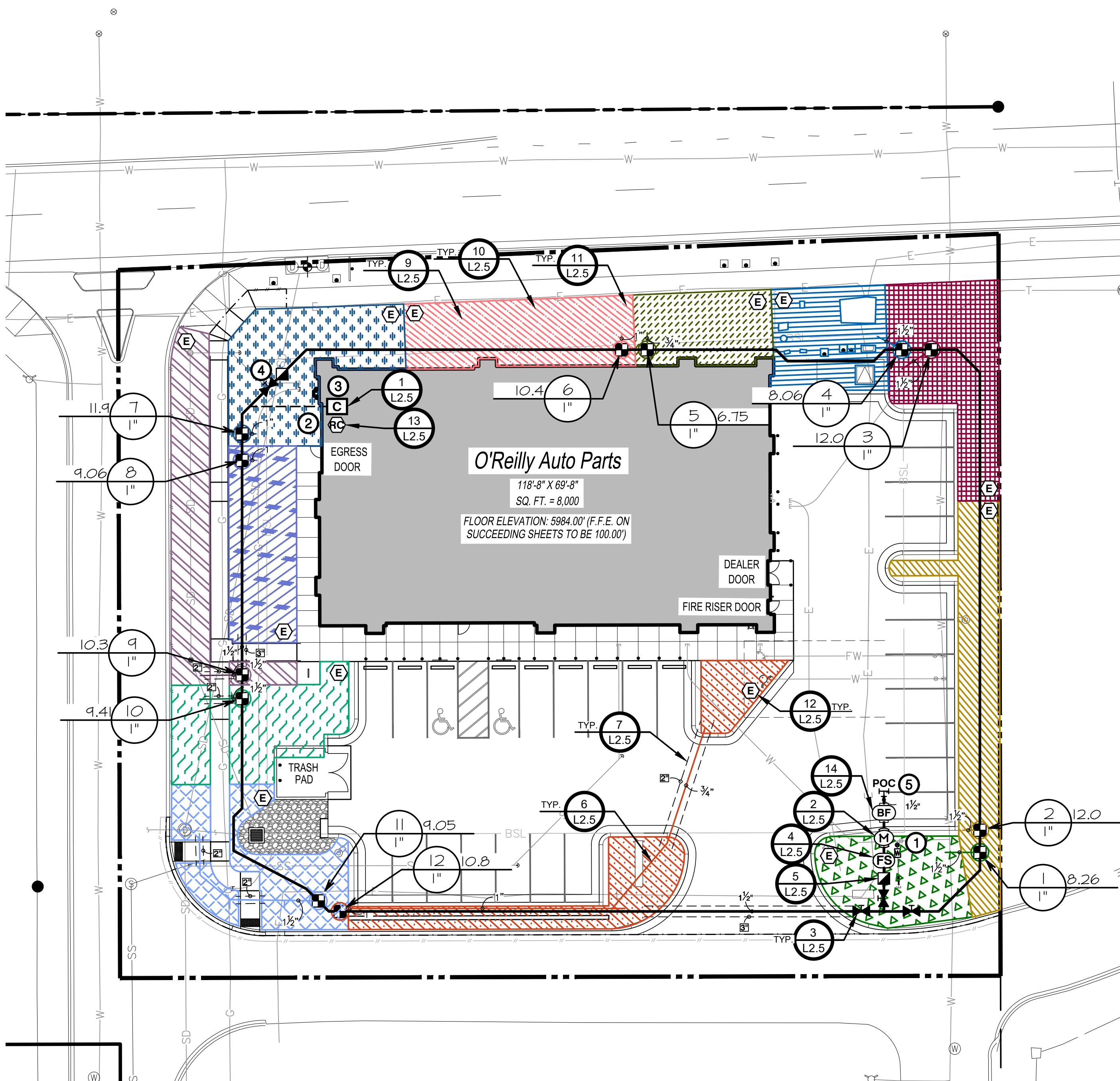
INITIAL STATION RUN TIMES:

DRIP ZONES: SHRUBS - 10 MINUTE CYCLES. (5 CYCLES MINIMUM SPACED EVENLY THROUGHOUT WATER WINDOW AS NOTED ABOVE)

SPRAY ZONES: TURF - 5 MINUTE CYCLES.

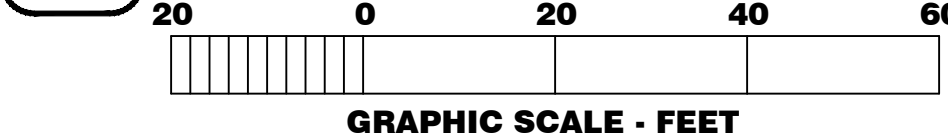
SYSTEM BALANCING:

AS THE SYSTEM OPERATES, SOME ZONES WILL BE WET WHILE OTHERS ARE DRY. ADJUST ONLY THOSE STATIONS WHICH REQUIRE ADDITIONAL OR LESS WATER. FOR EXAMPLE, IF STATION T51, A 15' TURF SPRAY ZONE IS ALWAYS DRY, CHANGE THE STATION T51 RUN TIME FROM FIFTEEN (15) MINUTES TO SIXTEEN (16) MINUTES. CONTINUE MAKING ADJUSTMENTS UNTIL THE ZONE MOISTURE CONTENT IS ACCEPTABLE. USE NOZZLE CHANGES OR NOZZLE SCREW ADJUSTMENTS TO ADJUST WET AND DRY AREAS WITHIN A ZONE.

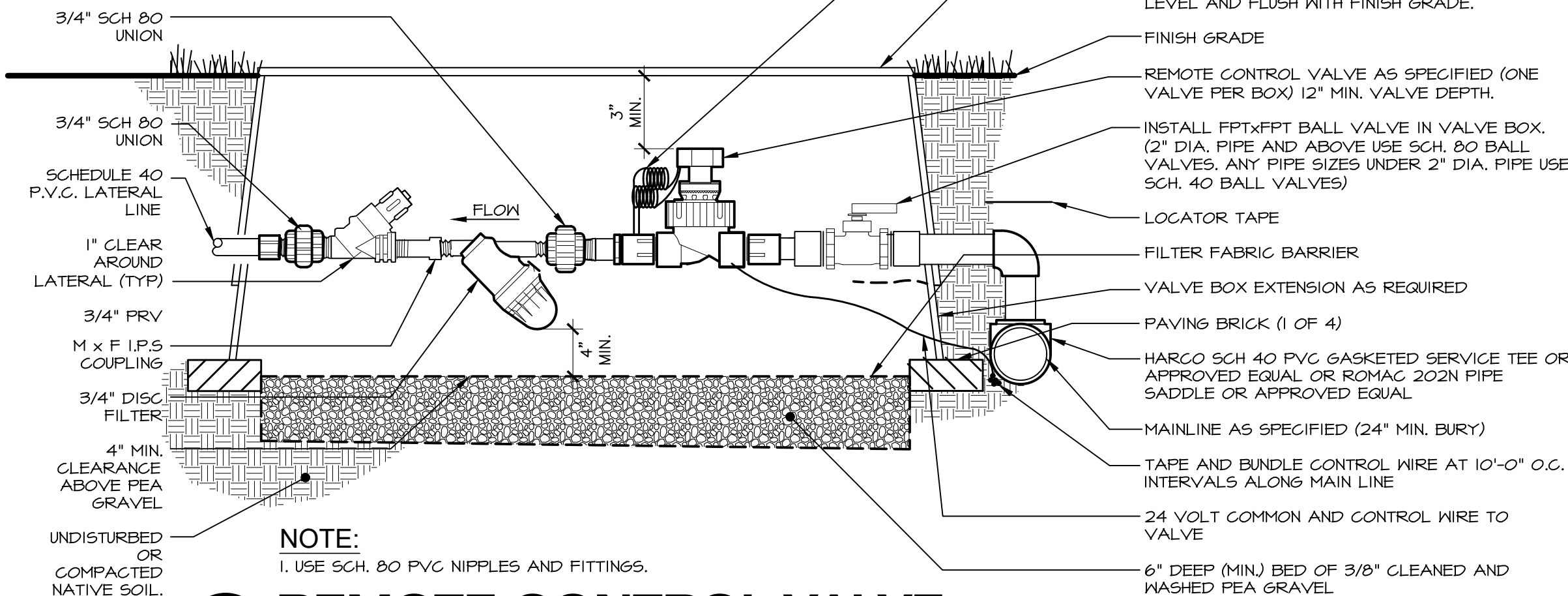


1 IRRIGATION PLAN

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



GRAPHIC SCALE - FEET

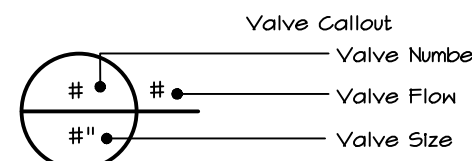


1 REMOTE CONTROL VALVE WITH 3/4" FILTER

NOT TO SCALE

IRRIGATION SCHEDULE

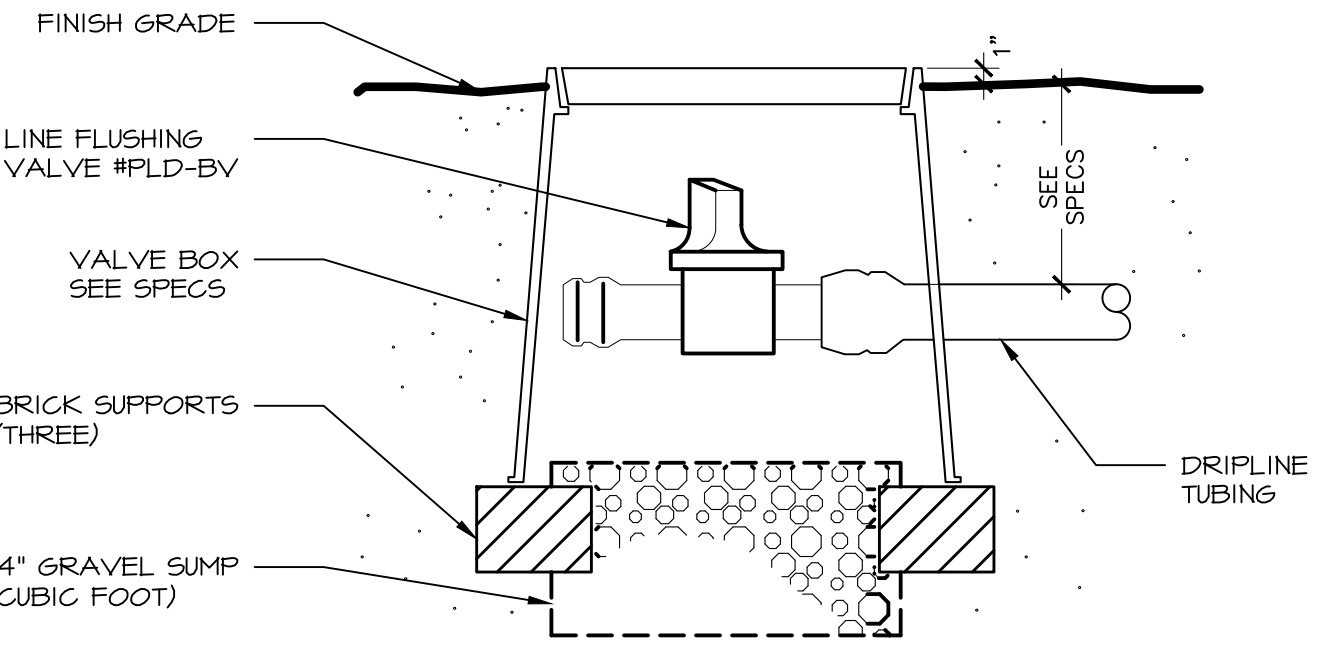
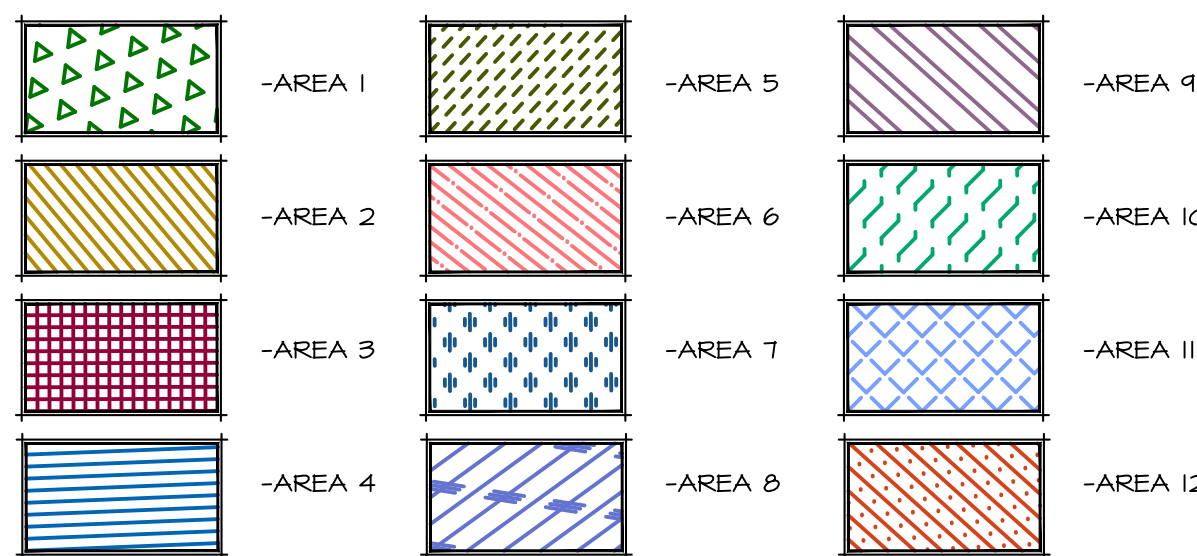
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
■	Hunter ICZ-101-25-LF Drip Control Zone Kit, 1in. 1CV globe Valve with 1in. HY100 Filter system. Pressure Regulation 25psi. Flow Range: .5 GPM to 15 GPM. 150 mesh stainless steel screen. See Detail 1/L2.0
SEE DRIP MATERIAL LEGEND	Area to Receive Drip Line Hunter HDL-06-12-CV HDL-06-12-CV; Hunter DripLine w/ 0.6 GPH emitters at 12" O.C. Check valve, dark brown tubing with gray striping. DripLine laterals spaced at 12" apart, with emitters offset for triangular pattern. Install with Hunter PLD barbed or PLD-LOC fittings. See Details 8-11/L2.5
■	Hunter HQ-5RC Quick coupler valve, yellow rubber cover, red brass and stainless steel, with 1in. NPT inlet, 1-piece body. See Detail 5/L2.5
⌞	Mueller® Brass Valve or approved equal. Threaded. See Detail 3/L2.5
(M)	Hunter 1CV-6-FS Size to match mainline. Plastic Electric Master Valve, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal use. With Filter Sentry Factory Installed Option. See Detail 2/L2.5
(BF)	Zum 350 Size to match mainline. Backflow Preventer w/ EZ5nap. See Detail 14/L2.5
(C)	Hunter PHC-12001 NI-FI enabled, full-functioning controller with touchscreen, 12-Station fixed controller, 120 VAC, Indoor model. See Detail 1/L2.5
(C)	Hunter RAIN-CLIK Rain Sensor, with conduit installation, mount as noted. Normally closed switch. See Detail 13/L2.5
(FS)	Hunter HC-100-FLOW Size to match mainline. Flow meter for use with Hydralise pressure controller to monitor flow and provide system alerts. Also functions as stand alone flow totalizer/sub meter on any residential or commercial irrigation system. See Detail 4/L2.5
POC	Point of Connection 1 1/2"
---	Irrigation Lateral Line: PVC Schedule 40 Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4". See Detail 64/L2.5
---	1 1/2" Irrigation Mainline: PVC Schedule 40. See Detail 64/L2.5
---	Schedule 40 PVC for electrical control wires, size as indicated on plans. Coordinate with Electrical.
---	Pipe Sleeve: PVC Schedule 40.



VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM
1	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	8.26
2	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	12.01
3	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	11.97
4	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	8.06
5	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	6.75
6	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	10.44
7	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	11.85
8	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	4.06
9	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	10.39
10	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	4.41
11	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	4.05
12	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	10.14

DRIP MATERIAL LEGEND



2 MANUAL LINE FLUSHING VALVE PLUMBED TO TUBING

NOT TO SCALE



Know what's below.
Call before you dig.
CALL 2 BUSINESS DAYS
IN ADVANCE BEFORE
YOU DIG, GRADE, OR
EXCAVATE FOR THE
MARKING OF
UNDERGROUND
MEMBER UTILITIES

CALLOUT LEGEND

- 1 CONNECT NEW 1 1/2" MAINLINE TO SERVICE IN THIS APPROXIMATE LOCATION (FIELD VERIFY). SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.
- 2 2" WIRE SLEEVE, ROUTE TO CONTROLLER LOCATION PER LOCAL CODES AS REQUIRED.
- 3 INDOOR WALL MOUNT IRRIGATION CONTROLLER IN THIS APPROXIMATE LOCATION AS REQUIRED. CONNECT 120 VOLT AS REQUIRED. ALL ABOVE GRADE WIRES SHALL BE LOCATED IN APPROPRIATELY SIZED CONDUIT (2" MINIMUM). IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH CERTIFIED ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL CONNECTIONS. IRRIGATION CONTRACTOR SHALL ENSURE ALL CONTROLLER OPTIONS AND ZONES ARE FULLY OPERATIONAL AFTER TRENCHING HAS FINISHED. CONTROLLER LOCATION TO BE OWNER APPROVED. REVISE LOCATION AS REQUIRED FOR OWNER APPROVAL.
- 4 EXTEND EXTRA WIRES TO THIS POINT. COIL APPROXIMATELY 24" LENGTH OF EXTRA WIRES IN SEPARATE VALVE BOX AT THIS LOCATION.
- 5 IRRIGATION MATERIALS SHOWN IN HARDSCAPE IS FOR GRAPHIC CLARITY ONLY, AND SHALL BE LOCATED IN ADJACENT LANDSCAPING.

PRESSURE ANALYSIS

P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE
Point of Connection Size: 1 1/2"
Flow Available: 46.54 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 60 PSI
Pressure Available: 60 PSI

DESIGN ANALYSIS
Maximum Station Flow: 11.85 GPM
Flow Available at POC: 46.54 GPM
Residual Flow Available: 34.71 GPM

Critical Station:
Design Pressure: 2 PSI
Friction Loss: 0.36 PSI
Fittings Loss: 0.03 PSI
Elevation Loss: 0 PSI
Loss through Valve: 4.21 PSI
Pressure Req. at Critical Station: 37.3 PSI
Loss for Fittings: 0.03 PSI
Loss for Main Line: 0.28 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 4.14 PSI
Loss for Master Valve: 3 PSI
Critical Station Pressure at POC: 44.8 PSI
Pressure Available: 60 PSI
Residual Pressure Available: 15.2 PSI

JOHN FRITZ BRECKON
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Timothy M. Guillot
ARCHITECT
5/2/2025
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811
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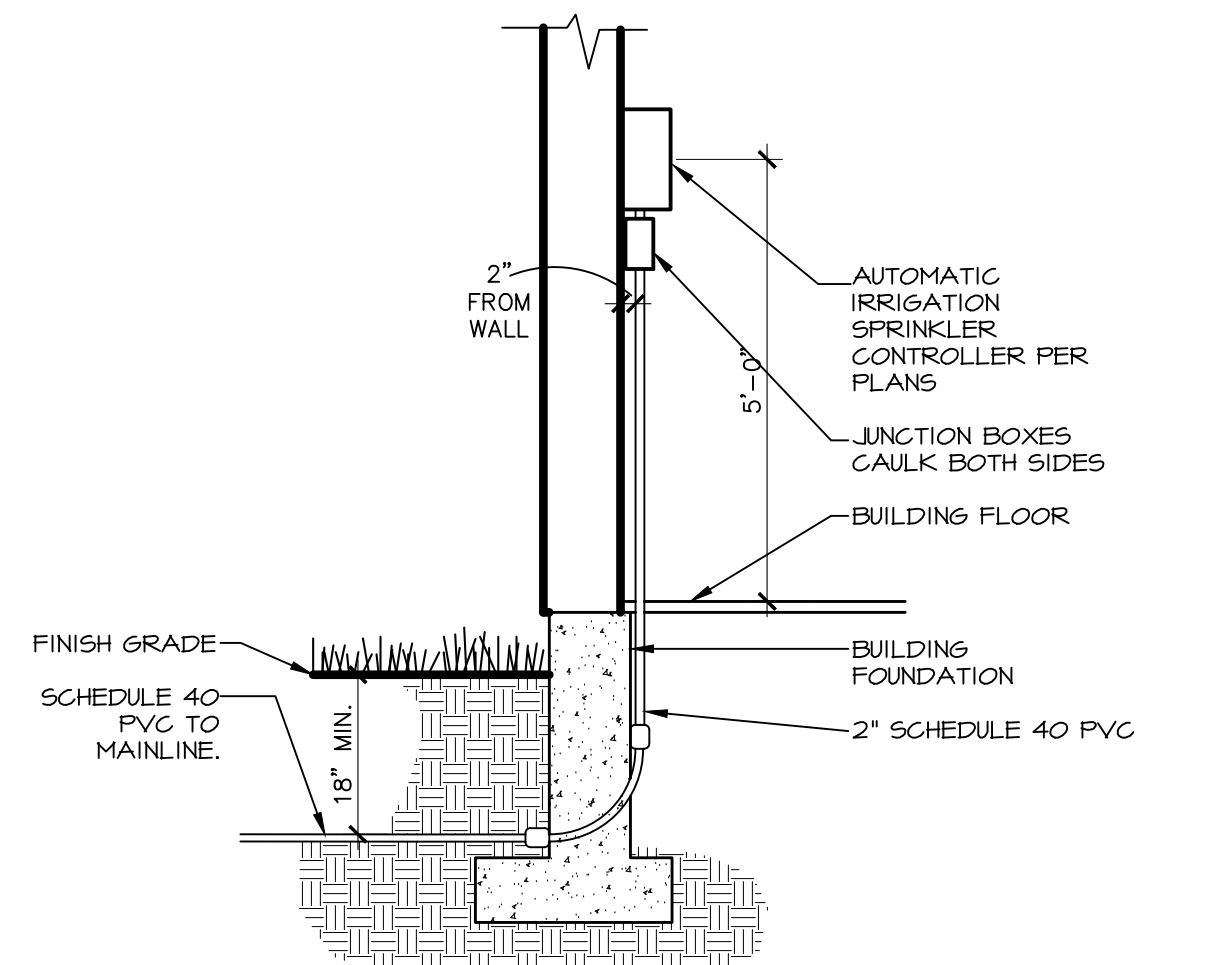
417.862.0558
Fax: 417.862.3265
e-mail: architect@estertyschneider.com

PROJECT:
NEW O'REILLY AUTO PARTS STORE
STROH RD
PARKER, CO #2
IRRIGATION PLAN

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
ST. LOUIS, MO 63102
(417) 682-2674 TELEPHONE

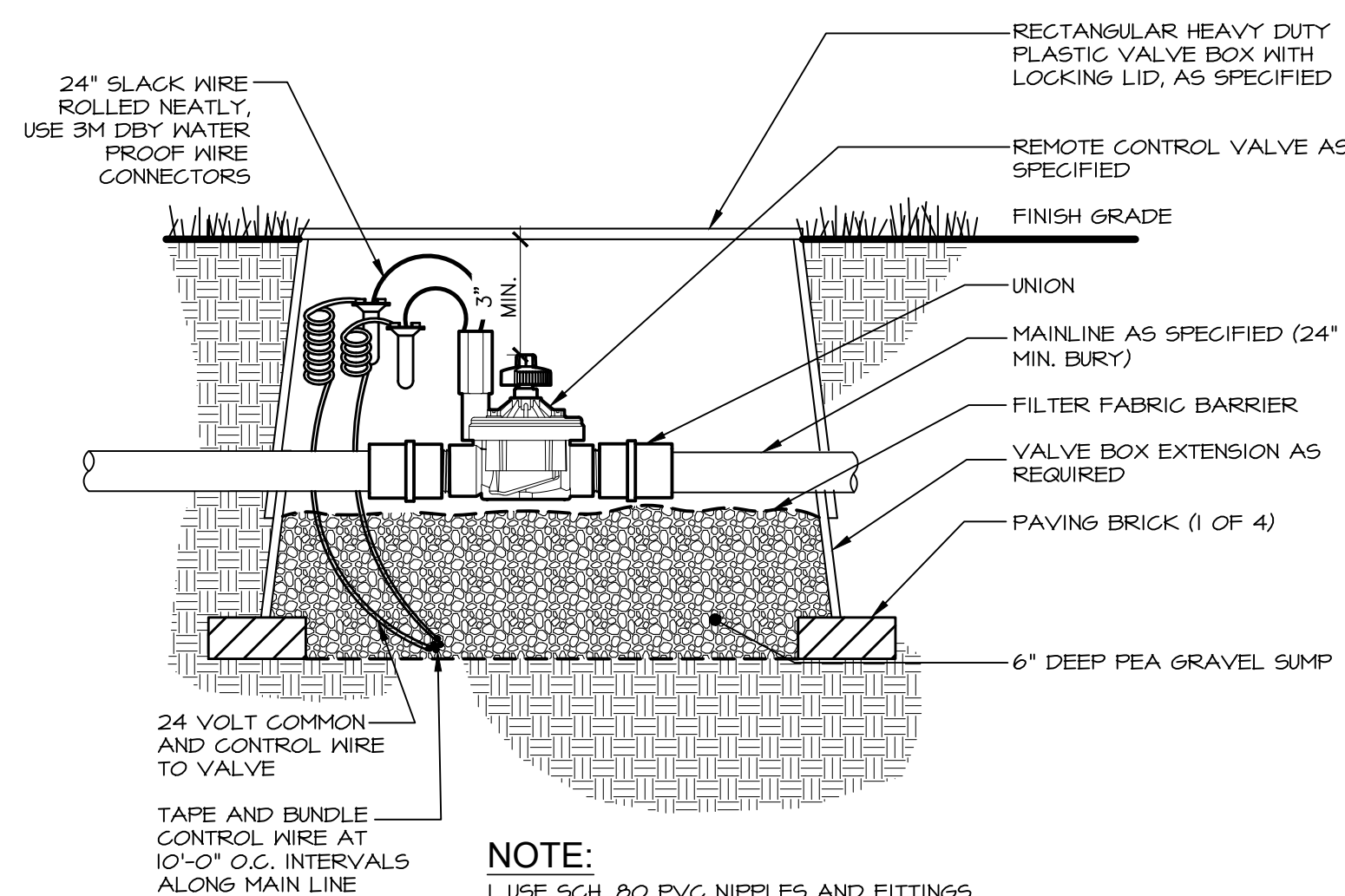
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DATE: 2-14-2025
REVISION
DATE: 5-2-2025

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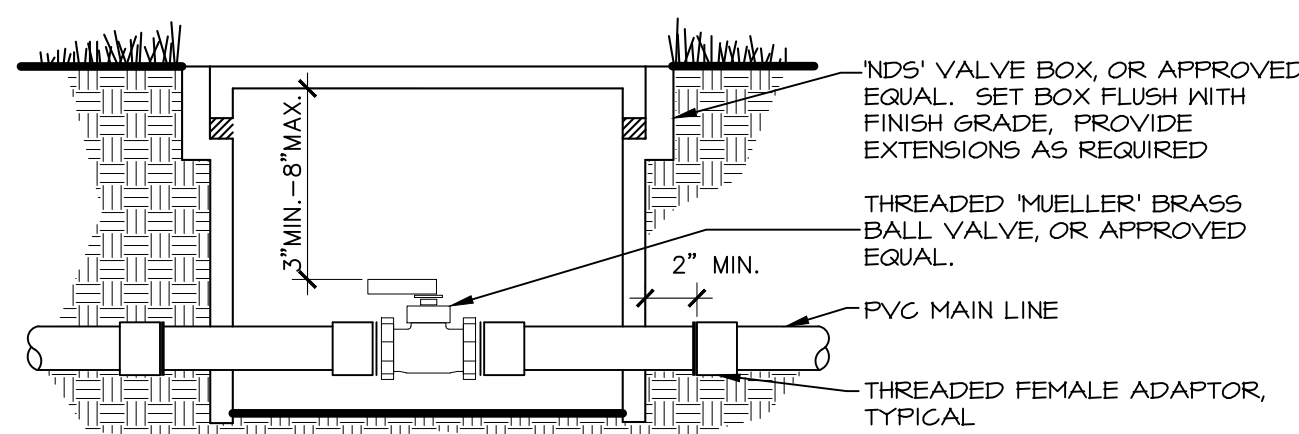
1 AUTOMATIC IRRIGATION CONTROLLER

NOT TO SCALE



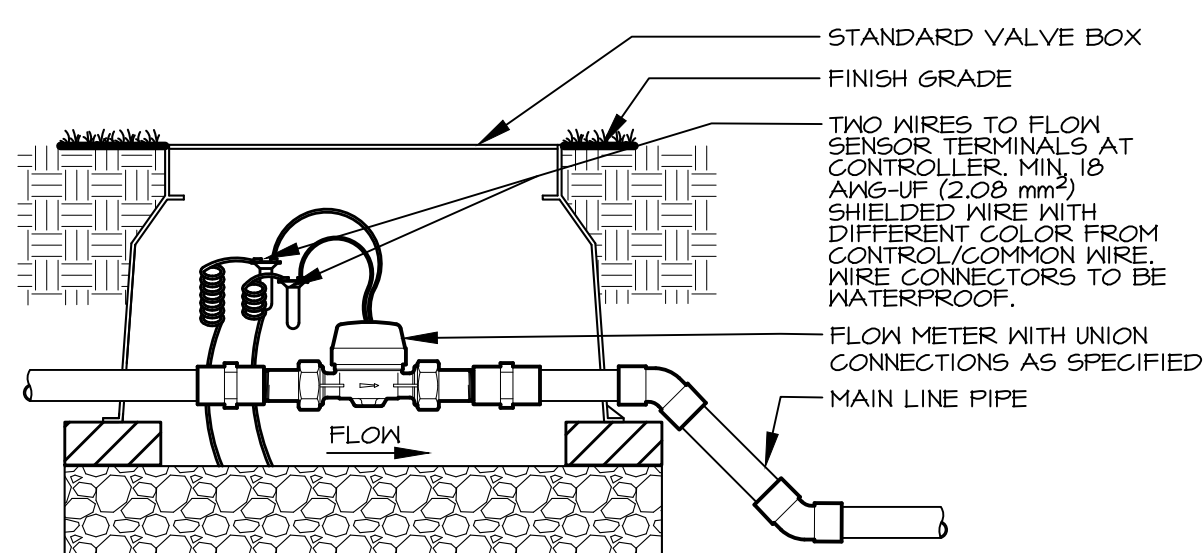
2 MASTER VALVE

NOT TO SCALE

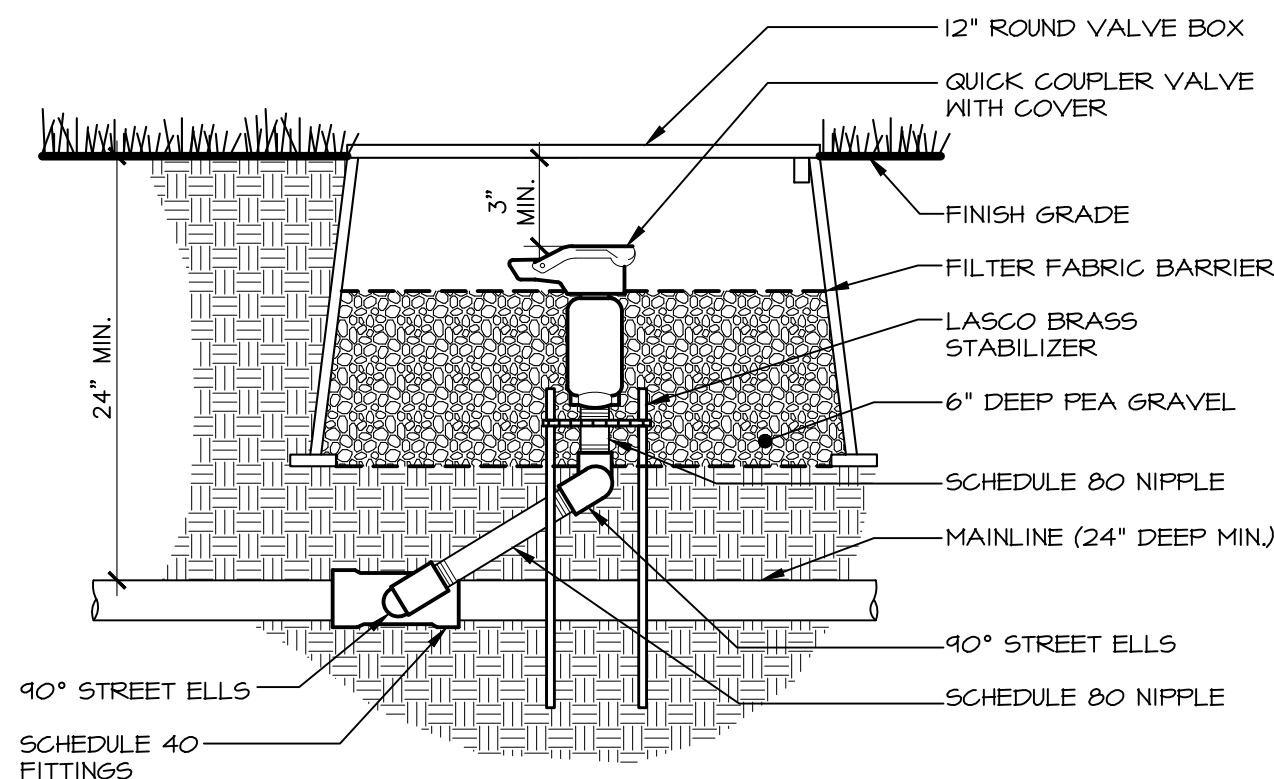


③ ISOLATION VALVE

NOT TO SCALE

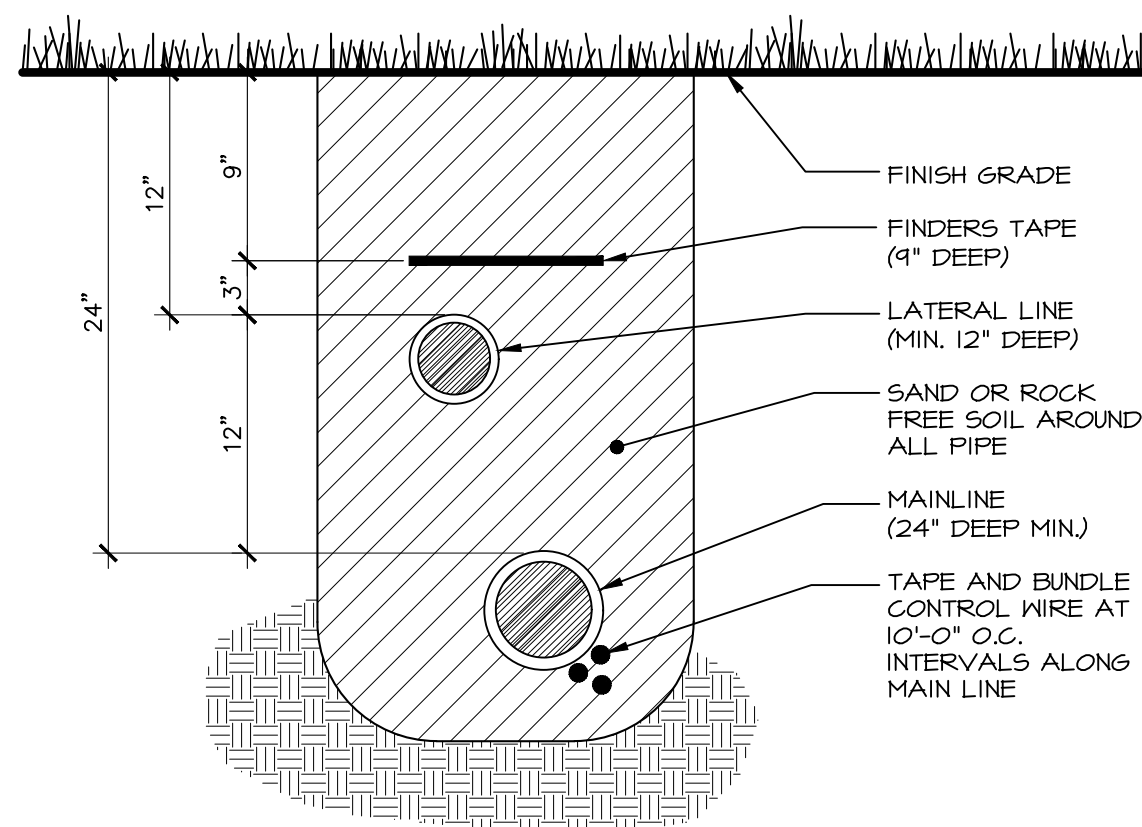


④ FLOW METER

Scale: NT^a

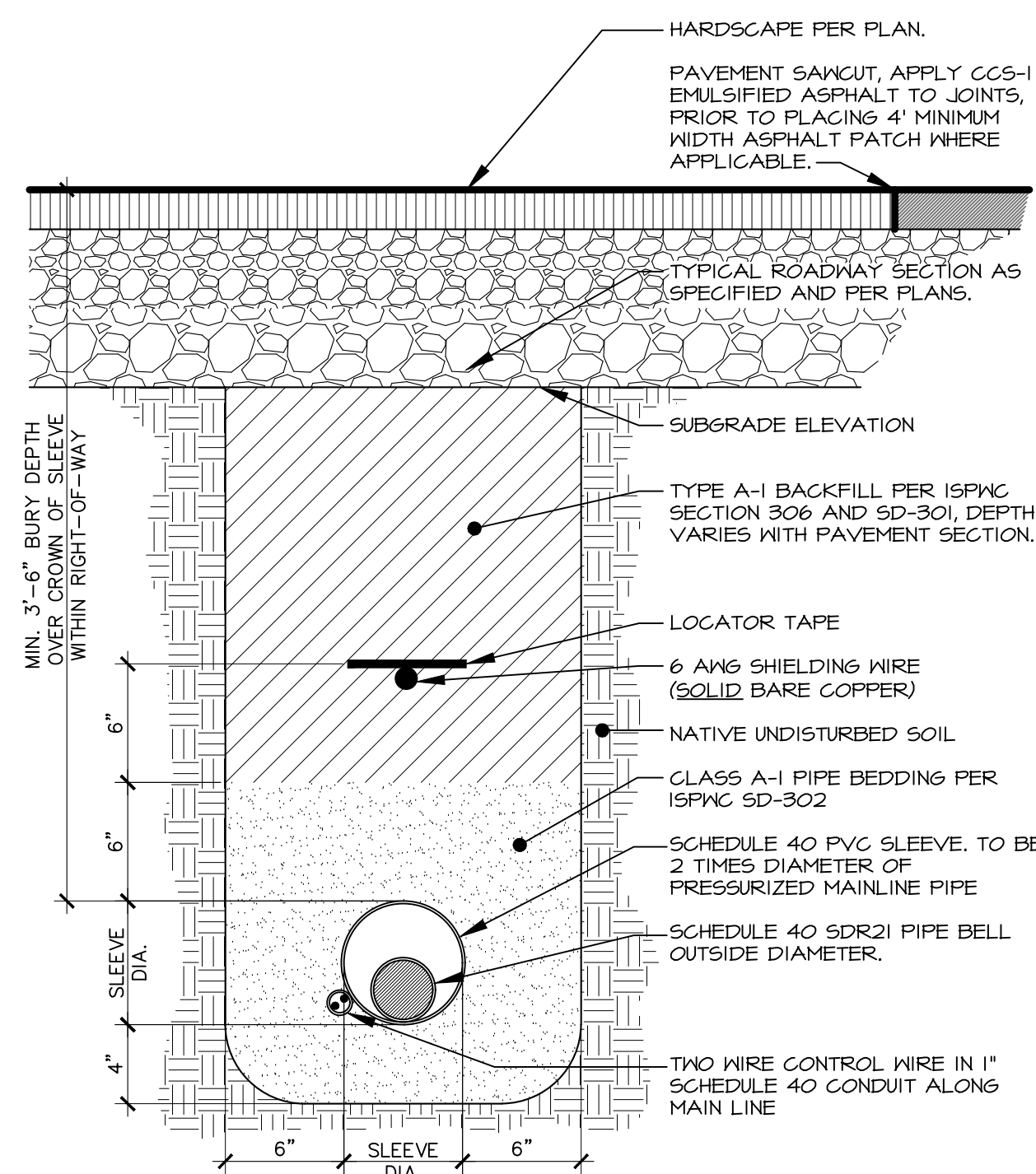
QUICK COUPLER VALVE

NOT TO SCALE



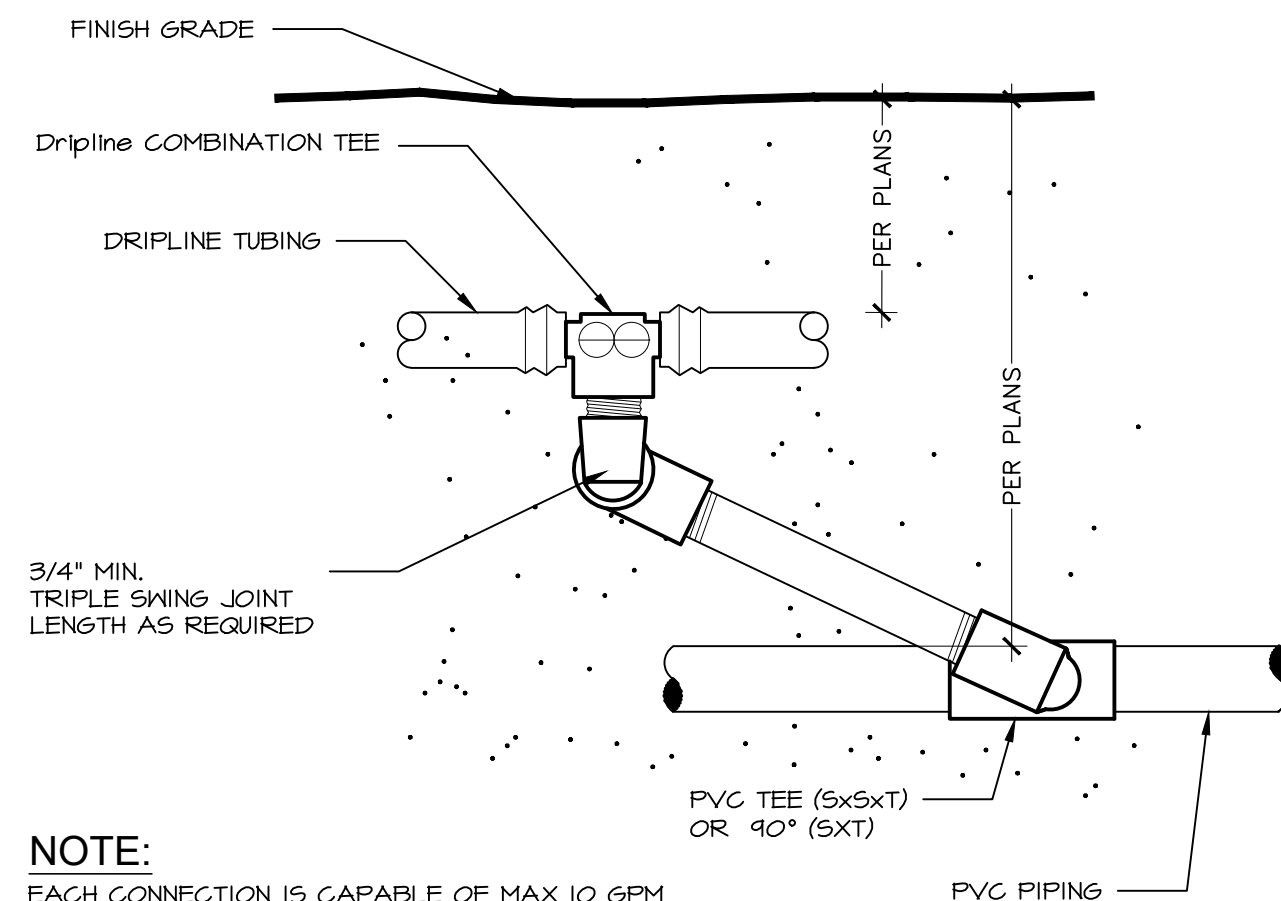
TRENCH SECTION

NOT TO SCALE



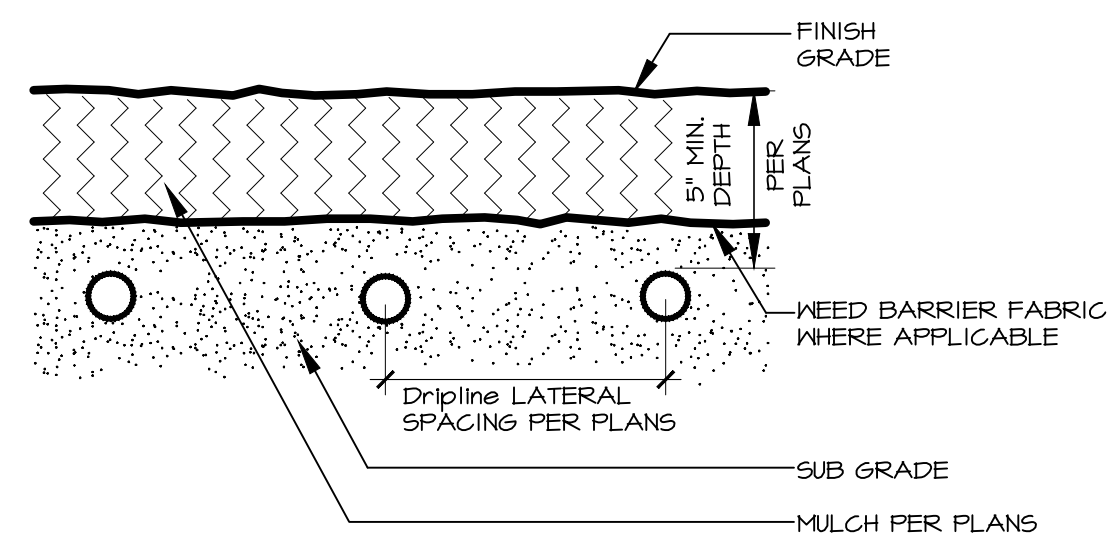
7 HARDSCAPE CROSSING TRENCH SECTION

Scale: 1-1/2" = 1'-0"



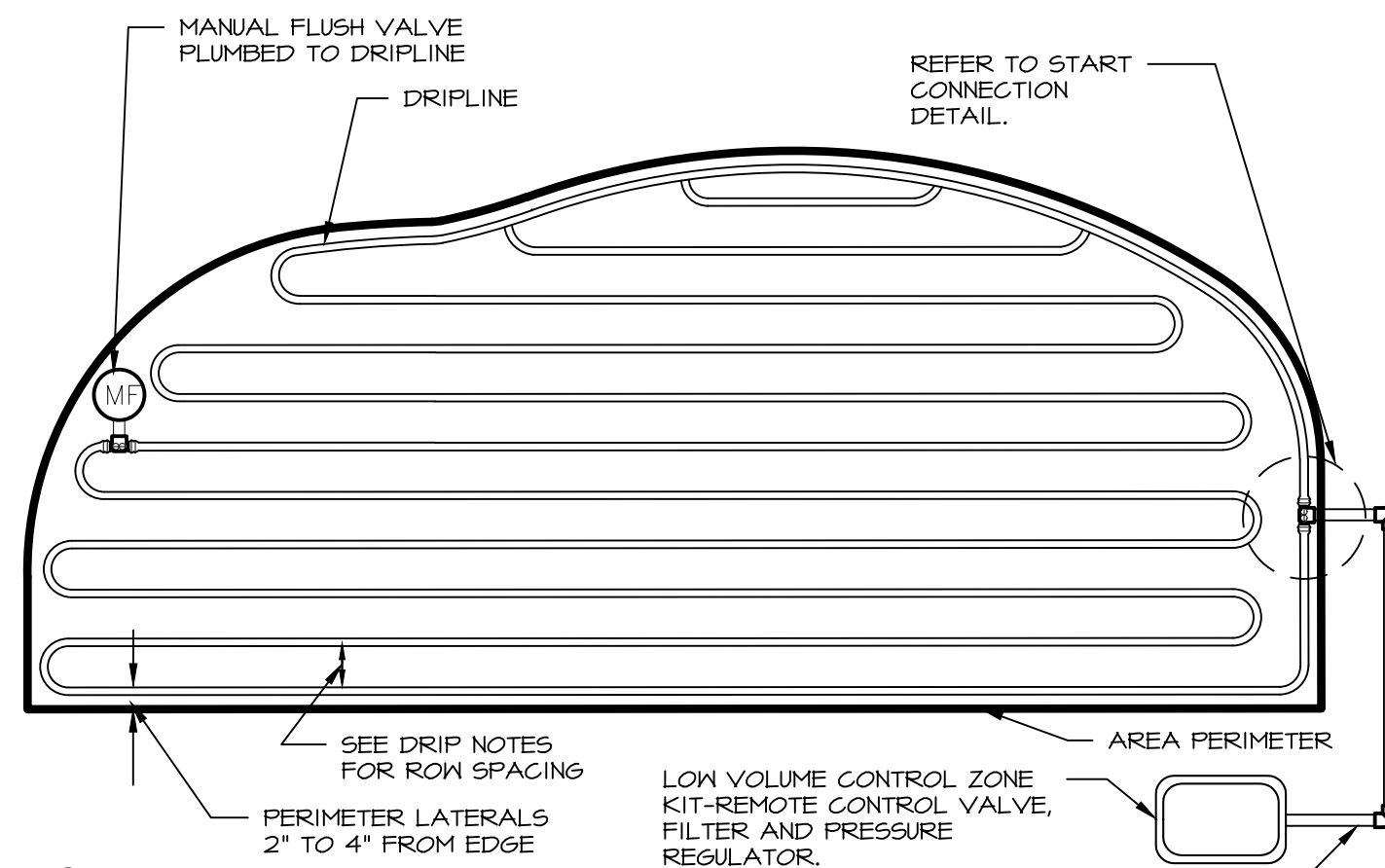
DRIPLINE START CONNECTION

NOT TO SCALE



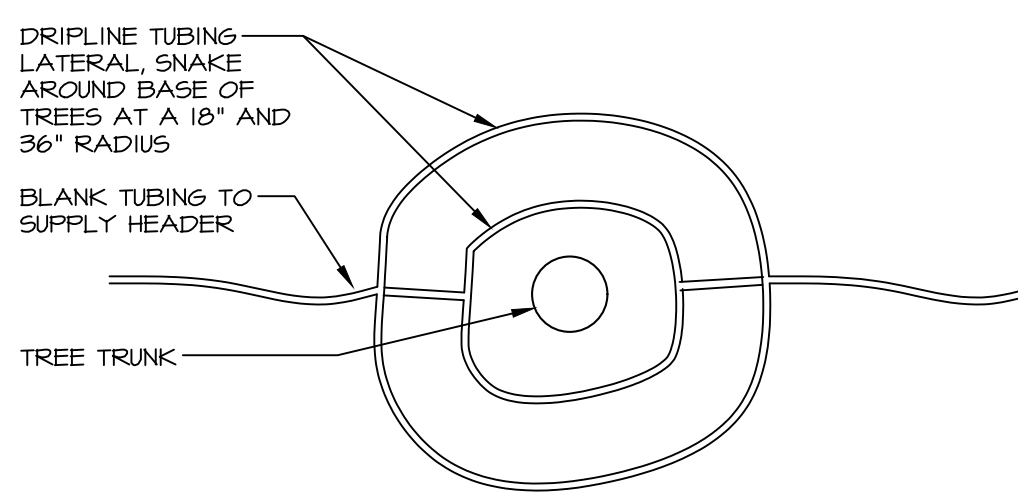
9 DRIPLINE SUBGRADE INSTALLATION

NOT TO SCALE



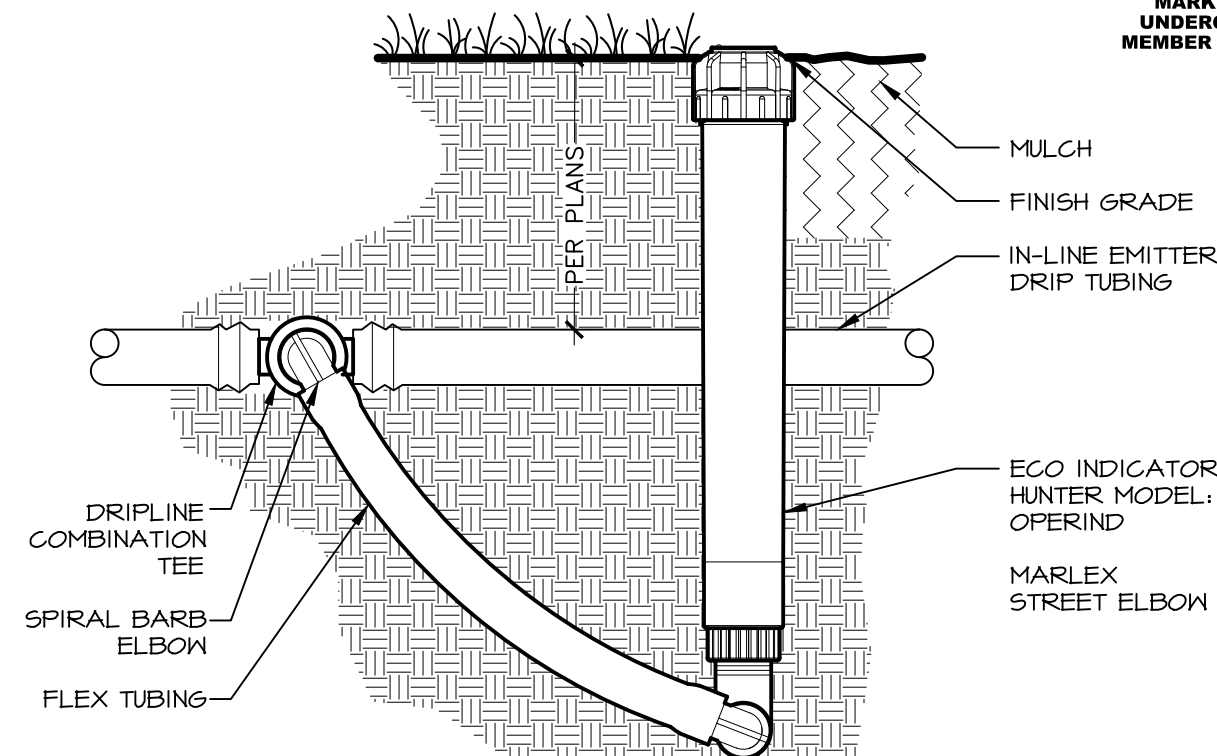
10 DRIPLINE LAYOUT

NOT TO SCALE



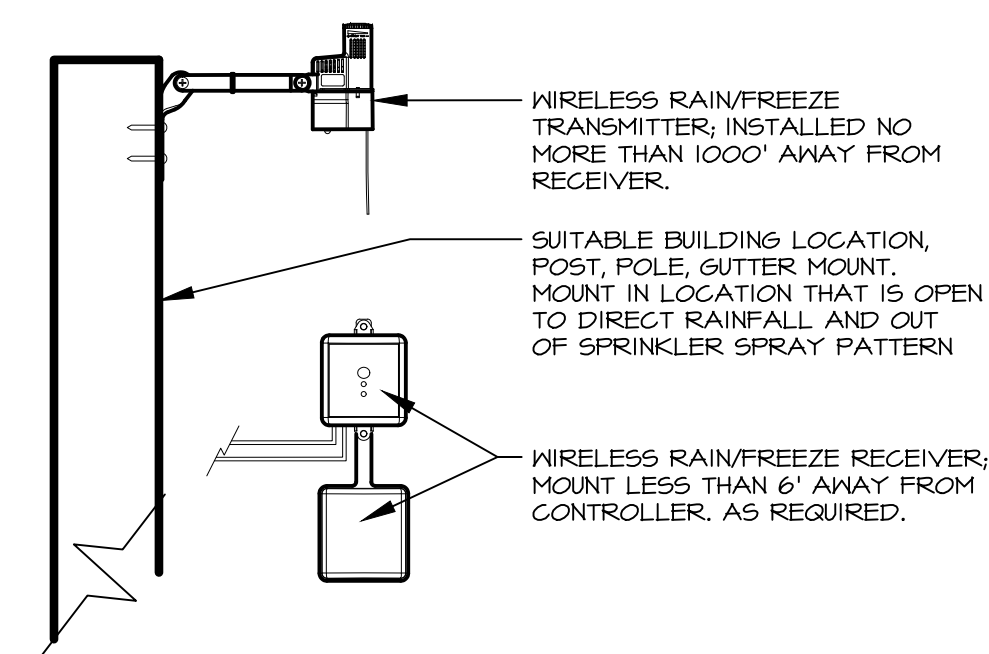
11 DRIPLINE LAYOUT AT TREES

NOT TO SCALE



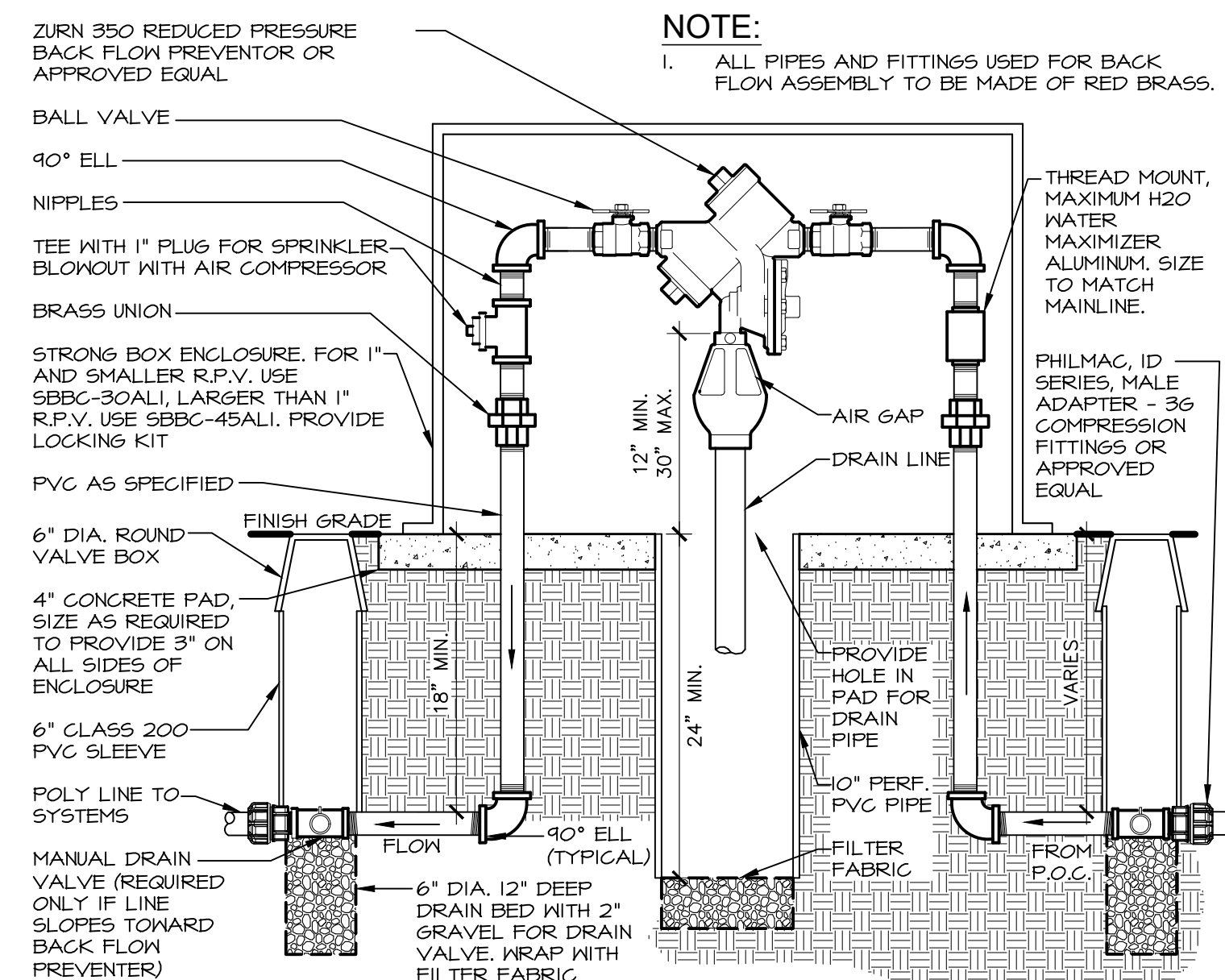
ECO INDICATOR

NOT TO SCALE



13 WIRELESS RAIN/FREEZE CLIK SYSTEM

Scale: NT9



14 REDUCED PRESSURE BACK FLOW PREVENTER

NOT TO SCALE

BRECKON!

www.breckonshoring.com

6651 N. Glenview Street
Garden City, Idaho 83714
Phone: 808-378-5193

811

Know what's below.
Call before you dig.

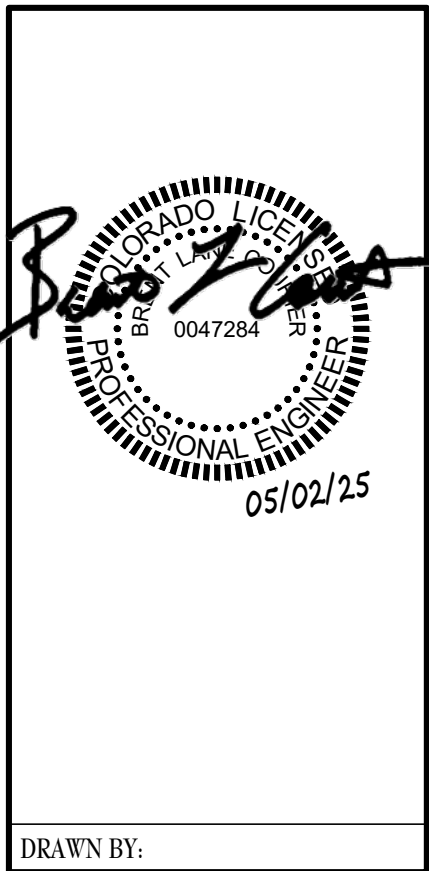
**CALL 2 BUSINESS DAYS
IN ADVANCE BEFORE
YOU DIG, GRADE, OR
EXCAVATE FOR THE
MARKING OF
UNDERGROUND
MEMBER UTILITIES**

O'Reilly		PROJECT:	TIMOTHY M. GUILLLOT ARCHITECT
AUTO PARTS		NEW O'REILLY AUTO PARTS STORE	1736 East Sunshine, Suite 417 Springfield, Missouri 65804
		STROH RD	
		PARKER, CO #2	
		IRRIGATION DETAILS	
CORPORATE OFFICES		417.862.0558	
233 SOUTH PATTERSON		Fax: 417.862.3265	
SPRINGFIELD, MISSOURI 65802		e-mail: architect@esterlysneider.com	
(417) 862-2874 TELEPHONE			
COM # 4884			
DATE: 2-14-2025			
REVISION			
DATE:			

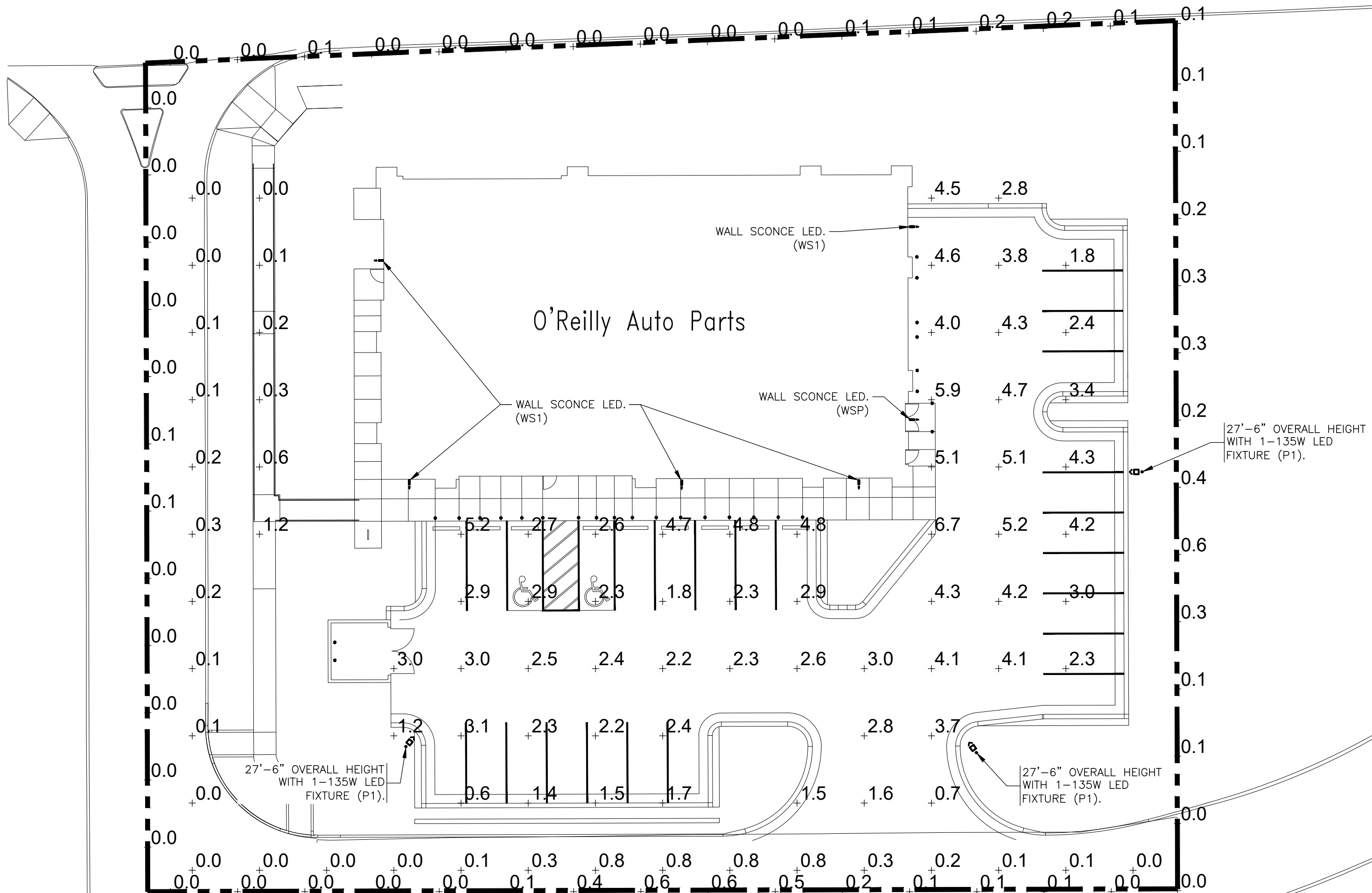
EXTERIOR LIGHT FIXTURE SCHEDULE														
ALL ITEMS LISTED ON THE "LIGHT FIXTURE SCHEDULE" WILL BE SUPPLIED BY THE OWNER (O'REILLY). ITEMS SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR:				SOURCEONE SOLUTIONS 4341 GREEN ASH DRIVE EARTH CITY, MO 63045				SOURCEONE SOLUTIONS O'REILLY TEAM EMAIL: ncoreilly@sourceonesolutions.com PHONE: 314-499-6400						
MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	SURFACE WALL	MOUNTING		LAMPS		QUANTITY	WATTAGE	NOTES		FIXTURE QUANTITY
						SURF.	CEILING	FLOURESCENT	TYPE					
									LED					
LED EXTERIOR LIGHTS														
WS1	LSI	XWM-FT-LED-06L-50-UE-BRZ NO SUBSTITUTIONS	120	DARK BRONZE	X			X		1	45	FULL CUT-OFF, BUG RATING B1-U0-G1. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATIONS.		5
WSP	LSI	XWM-FT-LED-06L-50-UE-BRZ-PC120 NO SUBSTITUTIONS	120	DARK BRONZE	X			X		1	45	FULL CUT-OFF, BUG RATING B1-U0-G1. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATIONS.		1
LED POLE LIGHTS														
P1	LSI	MRM-LED-18L-SIL-FT-UNV-DIM-50-70CRI-BRZ-IL	120	DARK BRONZE				X	X	1	135	25' POLE LENGTH, ADVANCE BALLASTS, FULL CUT-OFF, NO SUBSTITUTIONS. ANCHOR BOLTS W/HARDWARE & TEMPLATE, WITH INTERNAL LOUVER HOUSE SIDE SHIELD, BUG RATING B2-U0-G3		3
	LSI	SSQB3-S11G-25-S-BRZ-LAB-5BC						X	X					
FIXTURE QUANTITY TO BE VERIFIED WITH SITE PLAN QUANTITY														

BACKLIGHT-UGLIGHT-GLARE (BUG) RATING / FULL CUTOFF														
ALL "LSI MRM" & "XWM" LED FIXTURES HAVE ZERO UPLIGHT AND ARE CONSIDERED FULL CUT OFF AND DARKSKY COMPLIANT. THE DELIVERED LUMEN CHART BELOW APPLIES TO "LSI XWM" FIXTURES AND CONFIRMS THAT IN EVERY CONFIGURATION THE FIXTURE PRODUCES ZERO UPLIGHT (U = 0). BUG RATING CHART FOR "LSI MRM" FIXTURES IS FOUND ON CORRESPONDING "SP" SHEETS.														
DELIVERED LUMENS*														
Lumen Package	Distribution	CRI	2700K			3000K			4000K			5000K		
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating
03L	2	70	2703	120	B1-U0-G1	2822	125	B1-U0-G1	3088	137	B1-U0-G1	3088	137	B1-U0-G1
	3	70	2752	122	B1-U0-G1	2973	127	B1-U0-G1	3144	139	B1-U0-G1	3144	139	B1-U0-G1
	FT	70	2718	120	B1-U0-G1	2838	126	B1-U0-G1	3105	137	B1-U0-G1	3105	137	B1-U0-G1
04L	2	70	3646	120	B1-U0-G1	3702	125	B1-U0-G1	4051	137	B1-U0-G1	4051	137	B1-U0-G1
	3	70	3610	122	B1-U0-G1	3769	128	B1-U0-G1	4124	140	B1-U0-G1	4124	140	B1-U0-G1
	FT	70	3655	121	B1-U0-G1	3722	126	B1-U0-G1	4073	138	B1-U0-G1	4073	138	B1-U0-G1
06L	2	70	5274	118	B2-U0-G1	5506	123	B2-U0-G2	6025	135	B2-U0-G2	6025	135	B2-U0-G2
	3	70	5309	120	B1-U0-G1	5606	125	B1-U0-G1	6134	137	B1-U0-G2	6134	137	B1-U0-G2
	FT	70	5303	119	B1-U0-G2	5536	124	B1-U0-G2	6058	136	B1-U0-G2	6058	136	B1-U0-G2
08L	2	70	6996	113	B2-U0-G2	7304	116	B2-U0-G2	7993	129	B2-U0-G2	7993	129	B2-U0-G2
	3	70	7123	115	B1-U0-G2	7437	120	B1-U0-G2	8136	131	B2-U0-G2	8136	131	B2-U0-G2
	FT	70	7035	113	B1-U0-G2	7345	116	B2-U0-G2	8037	130	B2-U0-G2	8037	130	B2-U0-G2
12L	2	70	10516	103	B2-U0-G2	10979	107	B3-U0-G3	12014	118	B3-U0-G3	12014	118	B3-U0-G3
	3	70	10707	105	B2-U0-G2	11178	109	B2-U0-G2	12232	120	B2-U0-G2	12232	120	B2-U0-G2
	FT	70	10574	103	B2-U0-G3	11040	108	B2-U0-G3	12080	118	B2-U0-G3	12080	118	B2-U0-G3

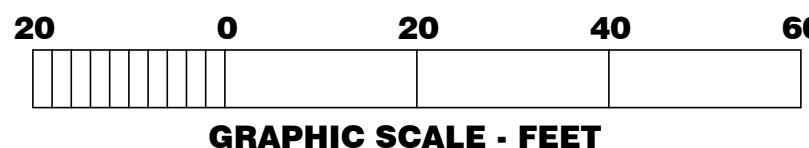
AUTOMATIC LIGHTING CONTROL									
COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:									
1. ONCE THE EMS HAS BEEN PROGRAMMED, THE INTERIOR AND EXTERIOR LIGHTS WILL TURN ON AND OFF USING THE FOLLOWING LOGIC: SEE EM SHEETS.									
INTERIOR WORK LIGHTS WILL TURN ON WITH FIRST MOTION IN THE STORE AND WILL 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.									
(EXCLUDING TX, EXTERIOR LIGHTS STAY ON OVERNIGHT FOR SECURITY PURPOSES.)									
2. RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.									



TIMOTHY M. GUILLOT
ARCHITECT
1736 East Sunshine, Suite 417
Springfield, Missouri 65804
e-mail: architect@esterjschneider.com
417.862.0558
Fax: 417.862.3265



SITE LIGHTING PHOTOMETRICS
SCALE: 1"=20'



05-02-25

SHEET CHANGED
IN ITS ENTIRETY.

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

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

PROJECT:
NEW O'REILLY AUTO PARTS STORE
STROH RD
PARKER, CO #2
SITE LIGHTING PHOTOMETRICS

COMM #	4884
DATE:	02-14-2025
REVISION	
DATE:	05-02-25



Catalog #: _____ Project: _____
Prepared By: _____ Date: _____ Type: _____

Mirada Medium (MRM) Outdoor LED Area Light

IP66 IK08



OVERVIEW	
Lumen Package	7,000 - 48,000
Wattage Range	48 - 401
Efficiency Range (LPW)	137 - 160
Weight (lbs/kg)	30 (15.6)

QUICK LINKS

Ordering Guide Performance Photometrics Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to square or round poles.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 37 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provides exceptional coverage and uniformity in IE5 Types 2, 3, 5W, FT, FTA and AM.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak Intensity at 610nm.
- Minimum CRI of 70.
- Integral lower (LL) and house-side shield (HS) options available for improved backlight control without sacrificing street side performance. See page 3 for more details.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100K Hours (See Lumen Maintenance on Page 5)
- Total harmonic distortion <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L and 48L lumen packages rated to +40°C.
- Power factor: >90
- Input power stays constant over life.
- Field replaceable 10KV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor (see page 9 for more details). Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7 (see page 9 for more details).

Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional 3" drill pattern B3 for easy fastening of LSI products. (See drawing on page 9)

Warranty

- LSI LED Fixtures carry a 5-year warranty.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant, with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP66 rated Luminaire per IEC 60598.
- 35 rated for ANSI C136.31 high vibration applications are qualified.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org or QLE to confirm which versions are qualified.
- Patented Silicone Optics (US Patent NO. 10,086,165 B2)
- IK08 rated luminaire per IEC 60626 mechanical impact code

Specifications and dimensions subject to change without notice.

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsiincorp.com
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SPEC1004-0.0020



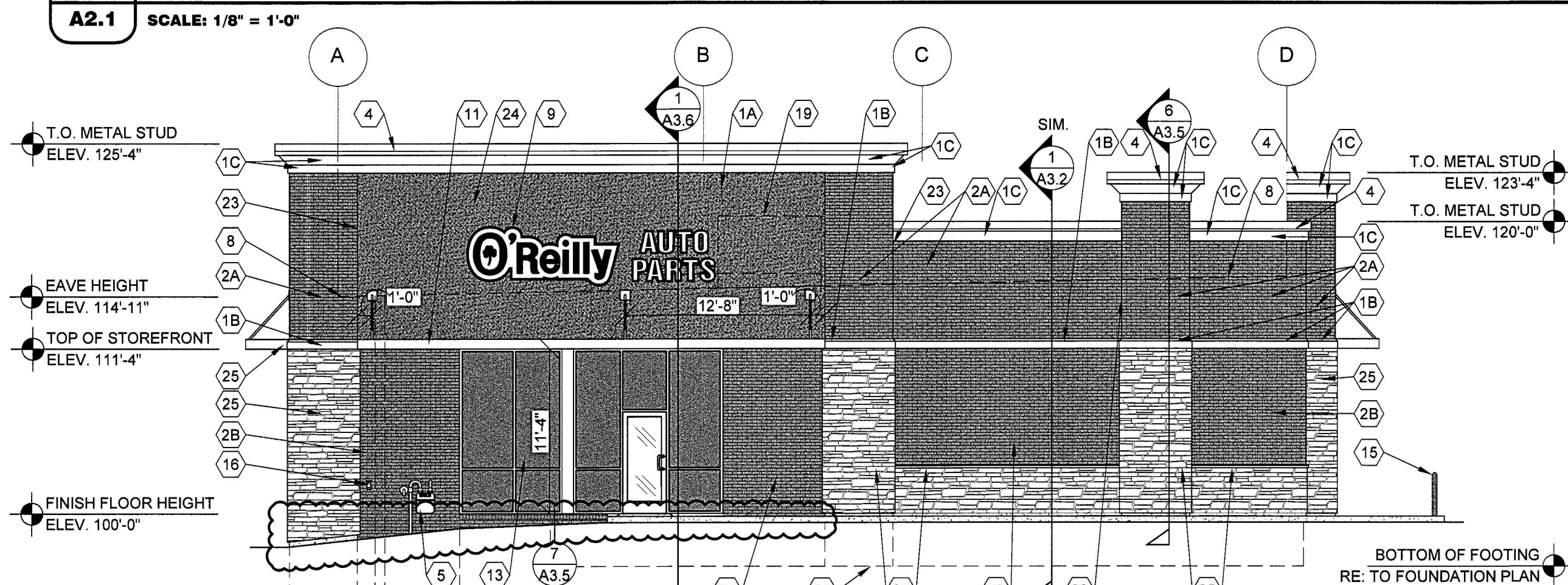
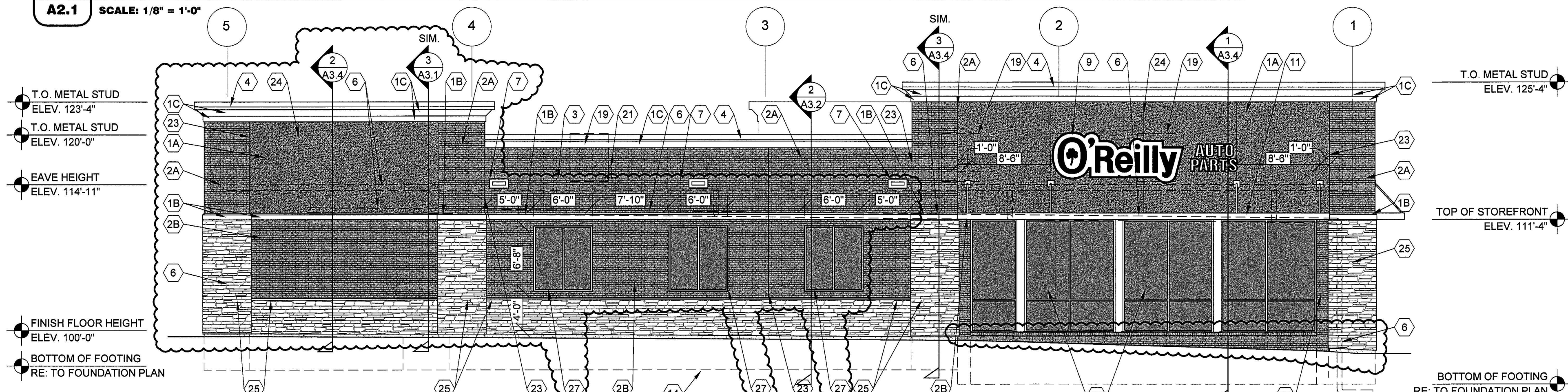
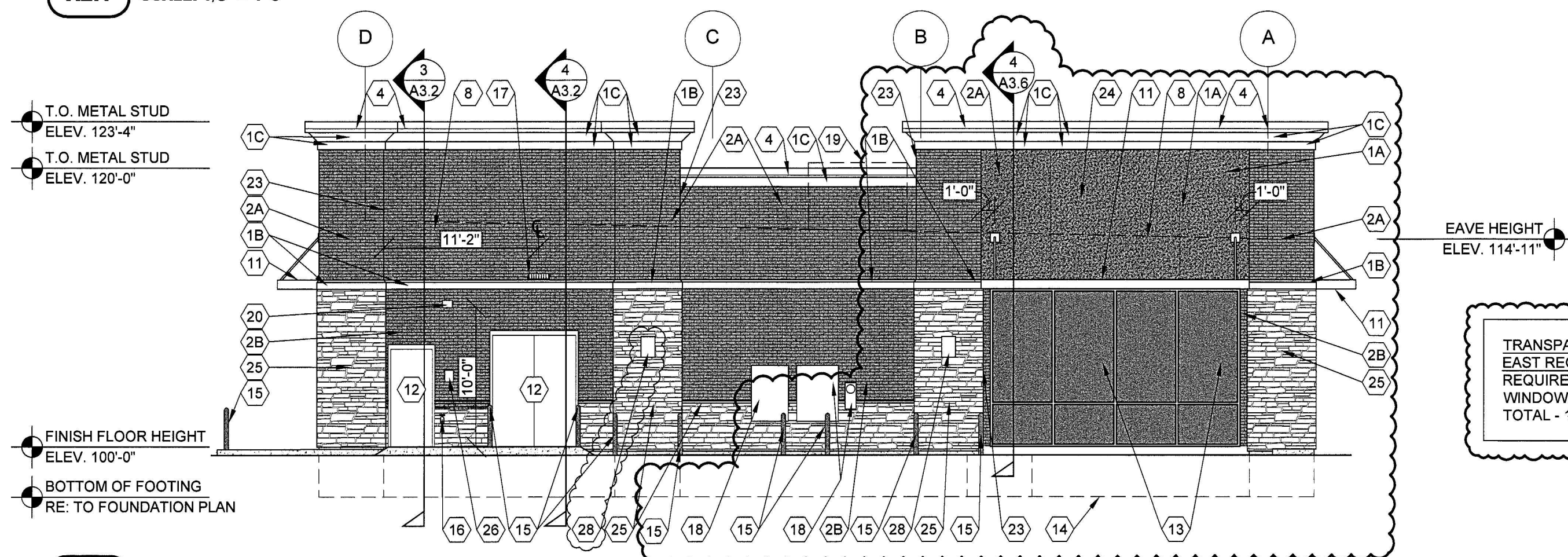
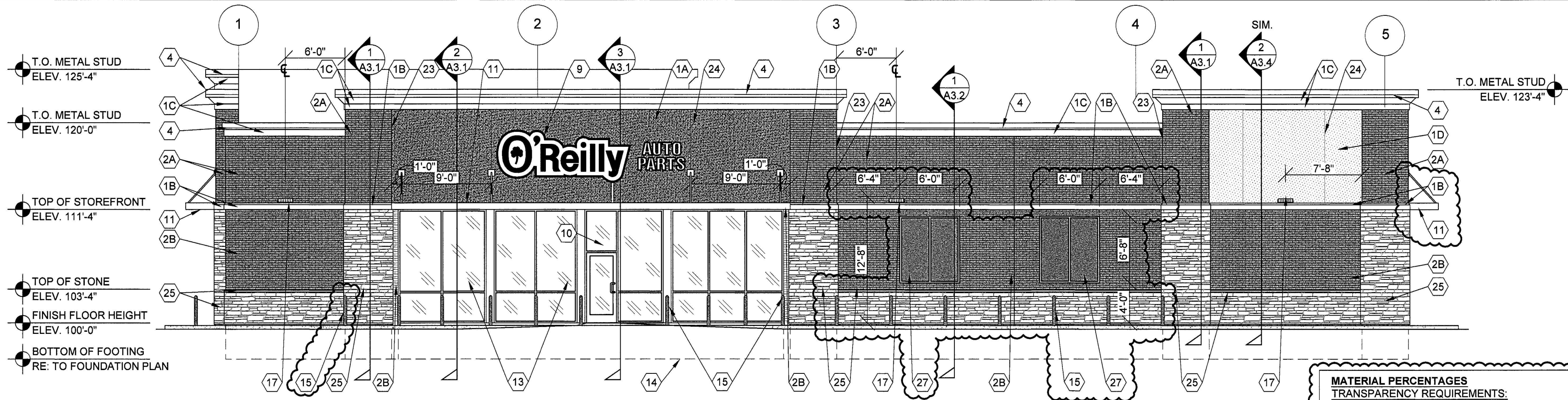
Mirada Medium Outdoor LED Area Light

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **MRM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire Package	Light Source	Lumen Package	Light Output	Distribution	Orientation*	Voltage	Driver
MRM - Mirada	LED	7L - 7,000 lms 3L - 3,000 lms 4L - 4,000 lms 18L - 18,000 lms 24L - 24,000 lms 36L - 36,000 lms 42L - 42,000 lms 48L - 48,000 lms Custom Lumen Packages†	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive AM - Automotive Merchandise	[Blank] - standard L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DM - 0-10V Dimming (0-10V)
Color Temp		Color Rendering		Finish		Options	
50 - 5000 CCT 40 - 4000 CCT 30 - 3000 CCT AMB - Phosphor Converted Amber*		7000K - 70 CRI		BLK - Black BRZ - Dark Bronze OMG - Gun Metal Gray OPT - Graphite MSV - Metallic Silver P-P - Platinum Plus SWG - Satin Verde Green WHT - White		[Blank] - None IL - Integral House/Side Shield† LL - Integral Lower (Sharp Spoil Light Outfit)†	

Controls (Choose One)	
Wireless Controls System: ALSCS - AirLink Synapse Control System ALSC04 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC08 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC12 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC16 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC20 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC24 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC28 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC32 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC36 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC40 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC44 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC48 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC52 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC56 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC60 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC64 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC68 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC72 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC76 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC80 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC84 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC88 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC92 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC96 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC100 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC104 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC108 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC112 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC116 - AirLink Synapse Control System (with 12-20" Motion Sensor) ALSC120 - 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EXTERIOR FINISH SCHEDULE

PORTLAND CEMENT STUCCO

KEY NOTE NO. 1A:
MFG: STO SPECIFIED. EQUAL BY DRYVIT OR MASTER BUILDERS (NO SUBSTITUTES)
SERIES: STOPOWERWALL
TEXTURE: MEDIUM SAND
COLOR: EQUAL TO DRYVIT "ORAP011030S" STRATOTONE HIGH PERFORMANCE
COLOR STANDARD: SHERWIN WILLIAMS "POSITIVE RED" SW6871 (SHER-CRYL) GLOSS

KEY NOTES NO. 1B:
MFG: PER LOCAL SUPPLIER
TEXTURE: SANDBLAST
COLOR: SHERWIN WILLIAMS "LATTE" SW6108 (SHER-CRYL) GLOSS (COLOR TO BE INTEGRAL IN THE TOP COAT OF PLASTER)

KEY NOTES NO. 1C & 1D:
MFG: PER LOCAL SUPPLIER
TEXTURE: SANDBLAST
COLOR: SHERWIN WILLIAMS "SOFTER TAN" SW6141 (SHER-CRYL) GLOSS (COLOR TO BE INTEGRAL IN THE TOP COAT OF PLASTER)

UNIT MASONRY

KEY NOTE NO. 2A:
TYPE: CLAY MASONRY UNIT
MFG: ACME BRICK
SIZE: 2 1/4" X 3 5/8" X 7 5/8" (MODULAR)
COURSING: RUNNING BOND
COLOR: (ACCENT COLOR) BLEND 600 DOVE GRAY VELOUR
MORTAR COLOR: NATURAL GRAY

KEY NOTE NO. 2B:
TYPE: CLAY MASONRY UNIT
MFG: ACME BRICK
SIZE: 2 1/4" X 3 5/8" X 7 5/8" (MODULAR)
COURSING: RUNNING BOND
COLOR: (FIELD COLOR) BLEND 600 OXFORD BROWN VELOUR
MORTAR COLOR: NATURAL GRAY

BACK SIDE OF TRASH ENCLOSURE AND SCREENING WALL (REFER TO CIVIL DRAWINGS)
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 "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: FACTORY PRIMED AND FIELD PAINT
COLOR: EQUAL TO BUTLER BUILDING "COOL BIRCH WHITE"

DOORS AND WINDOWS

KEY NOTE NO. 12:
TYPE: STEEL DOORS AND FRAMES (DOORS NO. 2 AND 3)
MFG: (OWNER FURNISHED / CONTRACTOR INSTALLED)
FINISH: FACTORY PRIMED AND FIELD PAINTED
COLOR: SHERWIN WILLIAMS (MATCH ADJACENT MASONRY COLOR) (SEMI-GLOSS)

KEY NOTE NO. 13.27:
TYPE: (REFER TO WINDOW SCHEDULE)
MFG: EFCO, KAWNEER, OR OLD CASTLE (VISTA WALL), (NO SUBSTITUTES)
COLOR: EFCO "IVY", KAWNEER "DARK IVY", VISTA WALL "INTERSTATE GREEN"

PAINTING

KEY NOTE NO. 5:
TYPE: GAS METER (REFER TO PLUMBING DRAWINGS)
FINISH: FIELD PRIMED AND PAINTED
COLOR: SHERWIN WILLIAMS (MATCH ADJACENT BRICK COLOR) (SEMI-GLOSS)

KEY NOTE NO. 15:
TYPE: STEEL BOLLARDS (REFER TO CIVIL DRAWINGS)
FINISH: FIELD PRIMED AND PAINTED
COLOR: SHERWIN WILLIAMS "HUNT CLUB" SW6488 (SEMI-GLOSS)

KEY NOTE NO. 16:
TYPE: ELECTRIC METER AND BOX (REFER TO ELECTRICAL DRAWINGS)
FINISH: FIELD PRIMED AND PAINTED
COLOR: SHERWIN WILLIAMS (MATCH ADJACENT BRICK COLOR) (SEMI-GLOSS)

PRE-FABRICATED METAL CANOPY:

KEY NOTE NO. 11:
TYPE: PRE-FABRICATED METAL CANOPY SYSTEM
MFG: (REFER PROJECT MANUAL)
FINISH: KYVAR FINISH
COLOR: (MATCH WINDOW SYSTEM)

STONE VENEER

KEY NOTE 25:
TYPE: STONE VENEER
MFG: CORONADO STONE
FINISH: SIERRA LEDGE
COLOR: BROOKSIDE
**FIELD PAINT EXPOSED BLOCK BELOW TO MATCH STONE COLOR.
COATS: (1) COAT SW "PREPRITE" BLOCK FILLER B25W25 (NO LESS THAN 8 MILS) AND (2) COATS SW "CONFLEX XL" SMOOTH ELASTOMERIC A5-400 (NO LESS THAN 5.7 MILS EACH COAT)

STONE VENEER SILL
KEY NOTE 25:
TYPE: STONE VENEER
MFG: CORONADO STONE
FINISH: SNAPPED EDGE
COLOR: BUFF

GENERAL NOTES

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

KEY NOTES

- (1A) EXTERIOR PORTLAND CEMENT (STUCCO).
(1B) EXTERIOR PORTLAND CEMENT (STUCCO) BANDING.
(1C) EXTERIOR PORTLAND CEMENT (STUCCO) CORNICE.
(1D) EXTERIOR PORTLAND CEMENT (STUCCO).
(2A) CLAY MASONRY UNIT EXTERIOR WALL CONSTRUCTION (ACCENT COLOR). REFER TO PLANS, SECTIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.
(2B) CLAY MASONRY UNIT EXTERIOR WALL CONSTRUCTION (FIELD COLOR). REFER TO PLANS, SECTIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.
(3) PRE-ENGINEERED METAL BUILDING SHEET METAL ROOFING SYSTEM (BEYOND).
(4) PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING. FIELD BREAK FROM FLAT STOCK AS REQUIRED.
(5) GAS METER. REFER TO PLUMBING PLANS.
(6) INTERNAL GUTTER AND DOWNSPOUTS (BEYOND).
(7) PRE-ENGINEERED METAL BUILDING THRU WALL SCUPPER SYSTEM. REFER TO SHEET A3.5.
(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) PRE-FABRICATED METAL CANOPY SYSTEM. REFER TO EXTERIOR FINISH SCHEDULE AND WALL SECTIONS FOR DETAILS.
(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) ELECTRIC METER AND BOX. REFER TO ELECTRICAL PLANS.
(19) MECHANICAL ROOF TOP UNIT (BEYOND). 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 (BEYOND). REFER TO PLUMBING DRAWINGS AND DETAIL 11/A4.2.
(22) CONCRETE SPLASH BLOCK INSTALL AT EACH DOWNSPOUT.
(23) MASONRY CONTROL JOINT. PROVIDE SEALANT OVER 1/2" DIAMETER FOAM BACKER ROD. COLOR TO MATCH ADJACENT MASONRY.
(24) RUSTICATION JOINT. REFER TO DETAIL 6/A3.2.
(25) MANUFACTURED STONE VENEER AND SILL. REFER TO EXTERIOR FINISH SCHEDULE.
(26) KNOX BOX. PROVIDE KNOX BRAND SECURITY KEY BOX PER FIRE DEPARTMENT REQUIREMENTS AND LOCATE WHERE SHOWN (VERIFY EXACT LOCATION AND HEIGHT WITH FIRE DEPARTMENT).
(27) 2-1/2" WIDE APPLIED MULLION WINDOW FRAME. REFER TO WINDOW SCHEDULE. INSTALL SEALANT EQUAL TO "TREMCO" SERIES 830 AROUND PERIMETER OF FRAME (SEALANT COLOR TO MATCH FRAME).
(28) NO PARKING-FIRE LANE SIGN AS REQUIRED BY THE FIRE MARSHAL. MECHANICALLY FASTEN TO BUILDING. LOCATE BOTTOM EDGE OF SIGN 7' ABOVE ADJACENT FINISH GRADE. (VERIFY EXACT LOCATION AND HEIGHT WITH FIRE DEPARTMENT)

TIMOTHY M. GUILLOT
ARCHITECT

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PROJECT:
NEW O'REILLY AUTO PARTS STORE
STROH RD
PARKER, CO #2

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

COMM # 4884
DATE: 2-14-25
REVISION
DATE: 5-2-25



1 SOUTH EXTERIOR ELEVATION

CE1 SCALE: 1/8" = 1'-0"

TRANSPARENCY REQUIREMENTS:
SOUTH REQUIRED BETWEEN 2' AND 8' = 712.87 SQ.FT.
REQUIRED - 285.14 SQ.FT (40%)
WINDOWS PROVIDED - 232.0 SQ.FT (32.54%)
APPLIED WINDOW MULLION AREA - 48.0 SQ.FT (6.73%)
TOTAL 287.68 (40.35%)



2 EAST EXTERIOR ELEVATION

CE1 SCALE: 1/8" = 1'-0"

TRANSPARENCY REQUIREMENTS:
EAST REQUIRED BETWEEN 2' AND 8' = 432.89 SQ.FT.
REQUIRED - 108.22 SQ.FT (25%)
WINDOWS PROVIDED - 108.0 SQ.FT (24.94%)
TOTAL - 108.0 SQ.FT (24.94%)



3 NORTH EXTERIOR ELEVATION

CE1 SCALE: 1/8" = 1'-0"

TRANSPARENCY REQUIREMENTS:
NORTH REQUIRED BETWEEN 2' AND 8' = 719.75 SQ.FT.
REQUIRED - 287.90 SQ.FT (40%)
WINDOWS PROVIDED - 212.0 SQ.FT (29.45%)
APPLIED WINDOW MULLION AREA - 72.0 SQ.FT (10.0%)
TOTAL 284.0 (39.45%)



4 WEST EXTERIOR ELEVATION

CE1 SCALE: 1/8" = 1'-0"

TRANSPARENCY REQUIREMENTS:
WEST REQUIRED BETWEEN 2' AND 8' = 418.87 SQ.FT.
REQUIRED - 104.71 SQ.FT (25%)
WINDOWS PROVIDED - 108.0 SQ.FT (25.78%)
TOTAL - 108.0 SQ.FT (25.78%)

FINISH TABLE

MATERIAL PREVIEW	MATERIAL	MANUFACTURER	FINISH	% SHOWN
	ACCENT BRICK	ACME BRICK	DOVE GRAY	≈ 19.5%
	FIELD BRICK	ACME BRICK	OXFORD BROWN	≈ 18.8%
	STONE VENEER	CORONADO STONE	SIERRA LEDGE	≈ 17.4%
	STUCCO AROUND SIGN	SHERWIN WILLIAMS	POSITIVE RED SW6871*	≈ 17.3%
	STOREFRONT	KAWNEER	DARK IVY	≈ 14.2%
	ACCENT STUCCO	SHERWIN WILLIAMS	SOFTER TAN SW6141	≈ 9.5%
	CORNICE STUCCO	SHERWIN WILLIAMS	LATTE SW6108	≈ 2.0%

* NOTE: CUSTOM RED MIX BY DRYVIT ORAP011030S

** NOTE: OVERHEAD AND STEEL DOORS NOT TAKEN INTO ACCOUNT IN CALCULATIONS

NOT FOR CONSTRUCTION

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COMM #
DATE: 1-22-25
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CE1

PROJECT:
NEW O'REILLY AUTO PARTS STORE
STROH RD
PARKER, CO #2

COLOR ELEVATIONS

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