

# 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

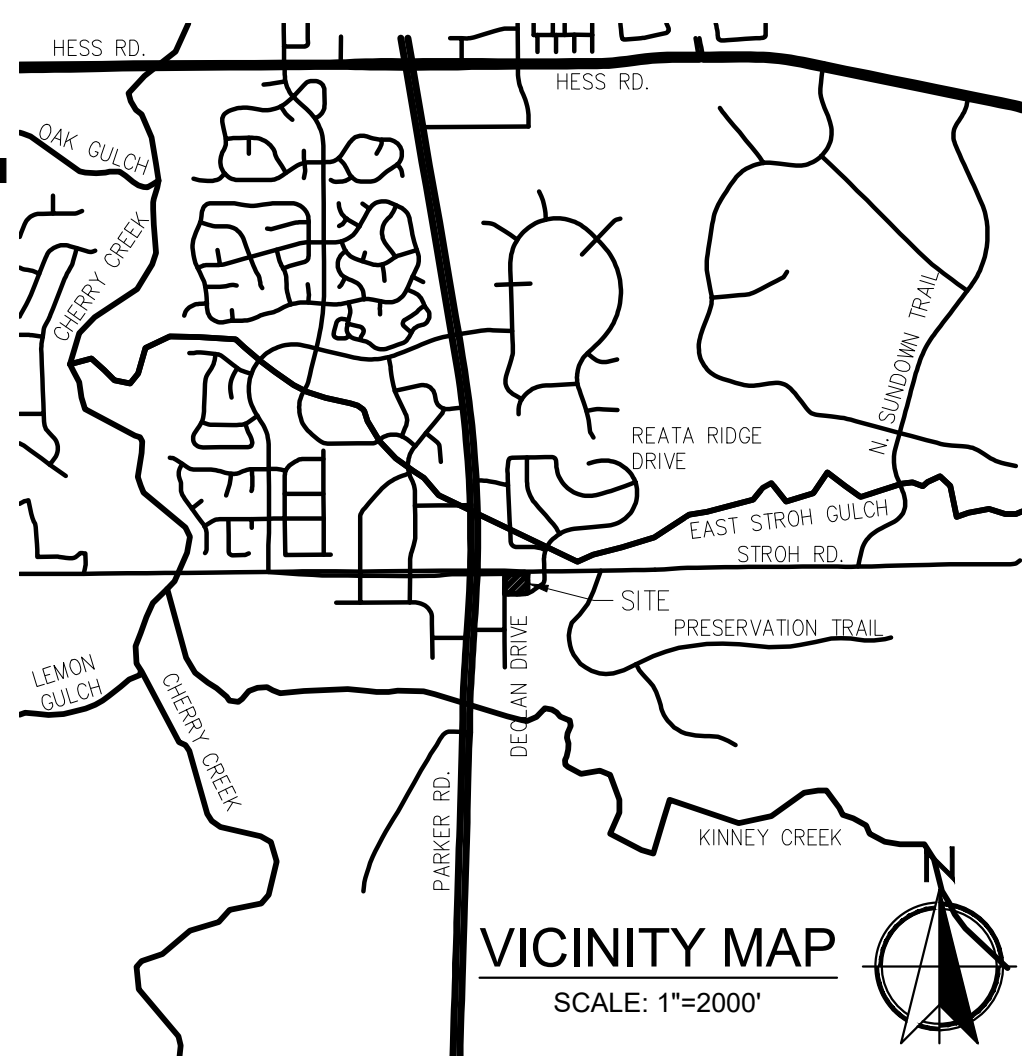
### TOWN OF PARKER CONTACTS

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**FIRE LIFE SAFETY**  
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**ENGINEERING**  
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**PLANNING**  
AMBER WOOD HICKEN  
AHICKEN@PARKERCO.GOV  
(303) 805-3338



### 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.OIREILLYPLANROOM.COM](http://www.oireillyplanroom.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

**TAIT & ASSOCIATES**  
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320 North Lincoln Avenue  
Loveland, CO 80537  
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Santa Ana Sacramento Denver  
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### 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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CE1	COLOR ELEVATIONS

### 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:	25' BUILDING SETBACK
REQUIRED	
PROVIDED	
NORTH PROPERTY LINE	25.4' MIN
EAST PROPERTY LINE	58.8' MIN
SOUTH PROPERTY LINE	89.8' MIN
WEST PROPERTY LINE	51.4' MIN

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

LANDSCAPE:	
REQUIRED	
PERCENTAGE	15%
AREA	6,527 SF
PROVIDED	
PERCENTAGE	26.8%
AREA	11,655 SF

### 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:

1. SOUTH 00°09'20" EAST 193.73 FEET;
2. SOUTH 89°50'40" WEST 229.86 FEET;
3. NORTH 00°09'20" WEST 184.90 FEET
4. 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.

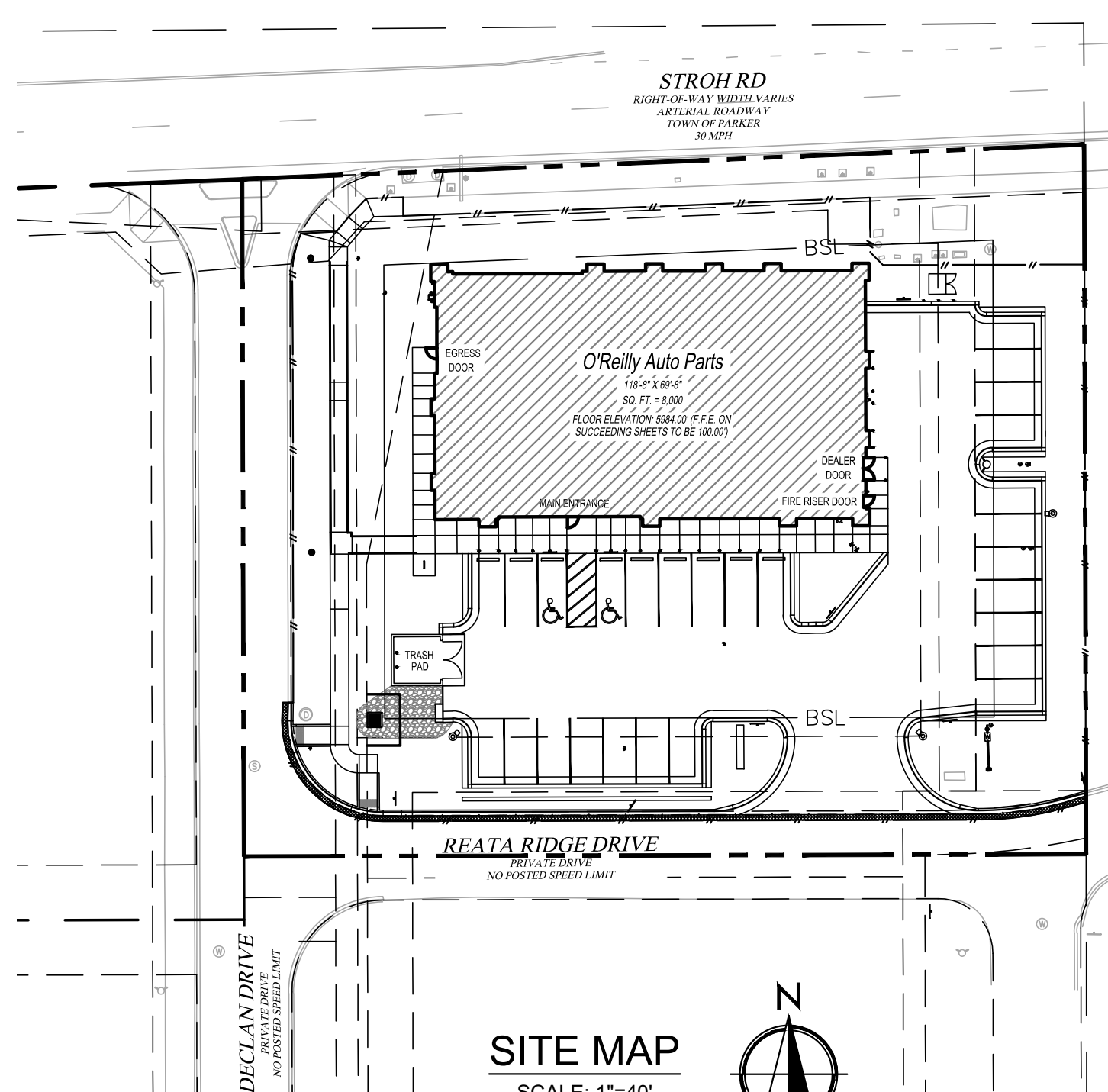
### EARTHWORK SUMMARY

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:

EARTHWORK 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.



### 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

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

**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.

### 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.

### 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.

### 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.



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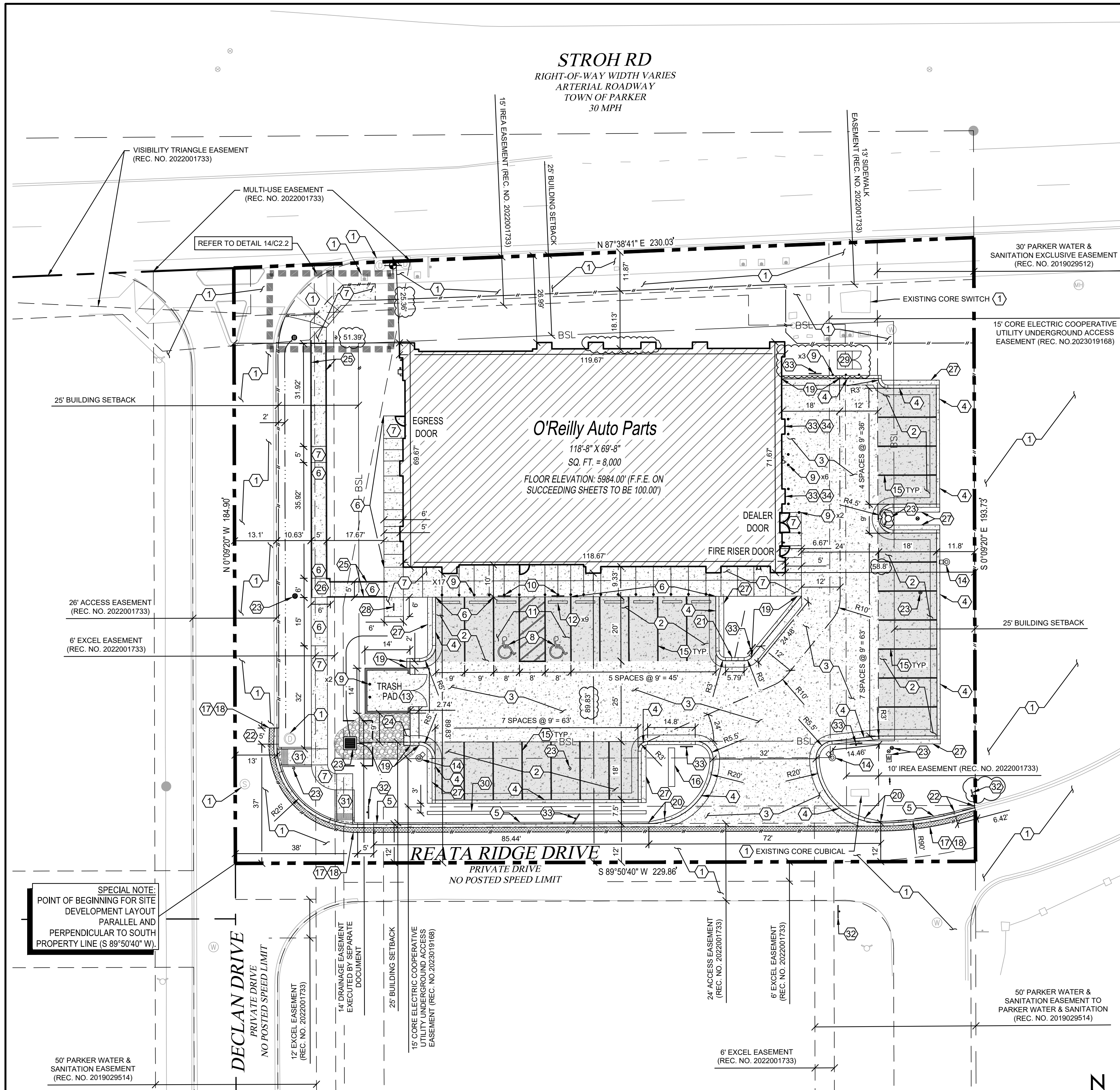
LOT 1 PARKER POINTE SUBDIVISION FILING 1

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



COMM # 4884  
DATE: 05/02/2025  
REVISION  
DATE: 06/17/2025

CT1.3



# 1 SITE DEVELOPMENT PLAN

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

**CAUTION:**  
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## KEY NOTES

- 1 PROTECT EXISTING IMPROVEMENTS IN PLACE.
- 2 CONCRETE PAVING (STANDARD DUTY) AT PARKING AREAS. REFER TO DETAIL 2/C2.2
- 3 CONCRETE PAVING (HEAVY DUTY) AT DRIVE AREAS, DRIVE APRONS, FIRE LANES, AND REFUSE AREA. REFER TO DETAIL 1/C2.2
- 4 INSTALL CONCRETE CURB PER DETAIL 3/C2.2.
- 5 INSTALL TOWN OF PARKER MEDIAN CURB AND GUTTER SECTION PER DETAIL 13 ON SHEET C2.4.
- 6 INSTALL CONCRETE SIDEWALK CURB PER DETAIL 4/C2.2. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT OF CONTROL AND EXPANSION JOINTS ADJACENT TO BUILDING PERIMETER.
- 7 INSTALL CONCRETE SIDEWALK OR DOOR LANDING PER DETAIL 5/C2.2. REFER TO STRUCTURAL DRAWINGS FOR LAYOUT ADJACENT TO BUILDING PERIMETER.
- 8 INSTALL ACCESSIBLE PARKING SYMBOL PAVEMENT STRIPING PER DETAIL 6/C2.2.
- 9 INSTALL STEEL BOLLARD PER DETAIL 7/C2.2. PROVIDE (2) AT REFUSE CONTAINER AREA, (2) AT DEALER DOOR, (6) ALONG EAST SIDE OF BUILDING, (3) AT TRANSFORMER PAD, AND (17) AT FRONT ENTRY. REFER TO STRUCTURAL DRAWINGS FOR BOLLARDS ADJACENT TO BUILDING PERIMETER.
- 10 INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 8/C2.2.
- 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.
- 12 INSTALL CONCRETE BUMPER BLOCK (8" W X 5" H X 6'-0" L) ANCHORED TO PAVING WITH (2) 1'-6" LONG #4 REBAR.
- 13 REFUSE ENCLOSURE. REFER TO 1/C2.3.
- 14 PARKING LOT LIGHTING SHOWN FOR REFERENCE ONLY. REFER TO SHEET US1 FOR MORE DETAIL.
- 15 INSTALL 4" WIDE PAVEMENT STRIPING AS SHOWN USING HIGHWAY MARKING PAINT - YELLOW (2 COATS).
- 16 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.
- 17 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.
- 18 1.5' WIDE, 2" DEEP GRADE SX ASPHALT MILL & OVERLAY PER GEOTECHNICAL RECOMMENDATIONS.
- 19 TRANSITION TO 0" CURB OVER DISTANCE AS SHOWN.
- 20 5' TRANSITION FROM 6" WIDE CURB TO 1' WIDE CURB.
- 21 2' CURB CUT PER DETAIL 9/C2.2.
- 22 TRANSITION TO EXISTING 6" CURB AND GUTTER.
- 23 REFER TO SHEET C3.1 FOR STORM AND UTILITY IMPROVEMENT DETAILS.
- 24 INSTALL 5' X 2' CONCRETE SPLASH PAD RECESSED 2" MIN. FROM PARKING ACCESS AISLE PAVEMENT. REFER TO GRADING PLAN FOR ELEVATIONS.
- 25 INSTALL SIDEWALK RAMP RAILING PER DETAIL 16/C2.2.
- 26 5' X 5' CLEAR SPACE AT RAMP CHANGE IN DIRECTION.
- 27 INSTALL 1.5' WIDE, 4" THICK CONCRETE STRIP ATTACHED TO PARKING STALL BACK OF CURB.
- 28 INSTALL INVERTED U BIKE RACK. SEE DETAIL 11/C2.2.
- 29 INSTALL TRANSFORMER PAD PER CORE ELECTRIC STANDARDS.
- 30 INSTALL PARKING LOT SCREENING WALL. REFER TO STRUCTURAL FOR MORE DETAIL.
- 31 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.
- 32 INSTALL R1-1 STOP SIGN PER LATEST MUTCD STANDARDS.
- 33 INSTALL "NO PARKING FIRE LANE" SIGN PER DETAIL ON SHEET C2.4 AND THE LATEST MUTCD STANDARDS.
- 34 WALL MOUNT "NO PARKING FIRE LANE" SIGN PER DETAIL ON SHEET C2.4 TO BUILDING EXTERIOR PER ARCHITECT RECOMMENDATIONS.

## NOTE TO CONTRACTOR

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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 WORK DATE

## ZONING CODE

<b>ZONING CLASSIFICATION:</b>		MIXED-USE COMMUNITY
<b>PROPERTY AREA:</b>		43,516 SF (0.999 AC)
<b>PROPOSED BUILDING AREA:</b>		8,000 SF
<b>PROPOSED PARKING PAVEMENT:</b>		12,900 SF
<b>PROPOSED SIDEWALK PAVEMENT:</b>		2,250 SF
<b>PARKING SUMMARY</b>		
<b>PARKING FORMULA:</b>	1 SP. PER 300 SF GFA	
<b>SPACE SIZE:</b>	9' x 20' AT BUILDING 9' x 18' ALL OTHER LOCATIONS	
<b>SPACES REQUIRED:</b>	27	
<b>SPACES PROVIDED:</b>	27	
<b>H.C. SPACES PROVIDED:</b>	2	

## GENERAL NOTES

- A REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. ALL ON SITE CONCRETE TO BE 4,500 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.

## 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

## VERTICAL CONSTRUCTION

NO VERTICAL CONSTRUCTION MAY COMMENCE UNTIL CURB, GUTTER, AND CONCRETE DRIVE ACCESS PAVEMENT IS CONSTRUCTED. A SITE INSPECTION IS REQUIRED TO VERIFY THAT THIS REQUIREMENT IS SATISFIED BEFORE VERTICAL CONSTRUCTION CAN BEGIN.

PREPARED UNDER THE SUPERVISION OF TAIT & ASSOCIATES, INC.

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Since 1914

LOT 1 PARKER POINTE SUBDIVISION FILING 1

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

**TIMOTHY M. GUILLOT**  
**ARCHITECT**

1736 East Sunshine, Suite 417  
Springfield, Missouri 65804

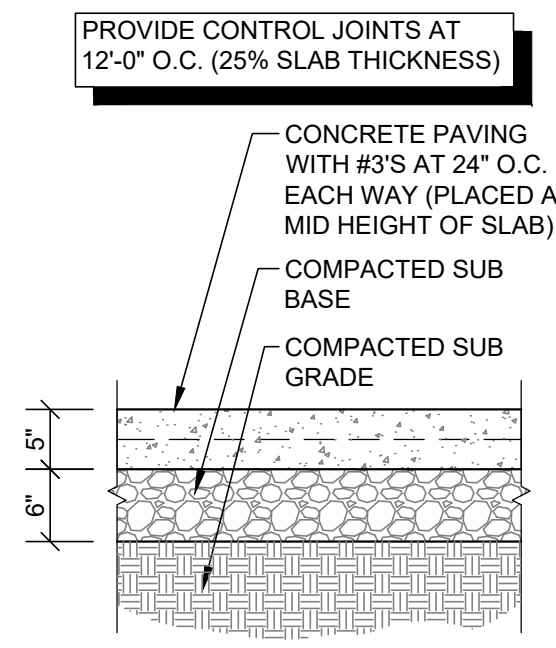
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**O'Reilly AUTO PARTS**

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(417) 862-2674 TELEPHONE

COMM # 4884  
DATE: 02/14/2025  
REVISION  
DATE: 05/02/2025  
07/01/2025

C2.1



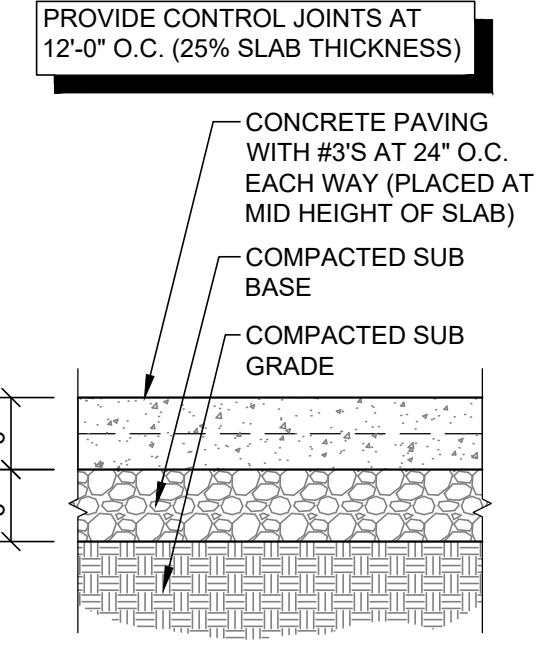
PROVIDE CONTROL JOINTS AT 12'-0" O.C. (25% SLAB THICKNESS)

CONCRETE PAVING WITH #3'S AT 24" O.C. EACH WAY (PLACED AT MID HEIGHT OF SLAB)

COMPACTED SUB BASE

COMPACTED SUB GRADE

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



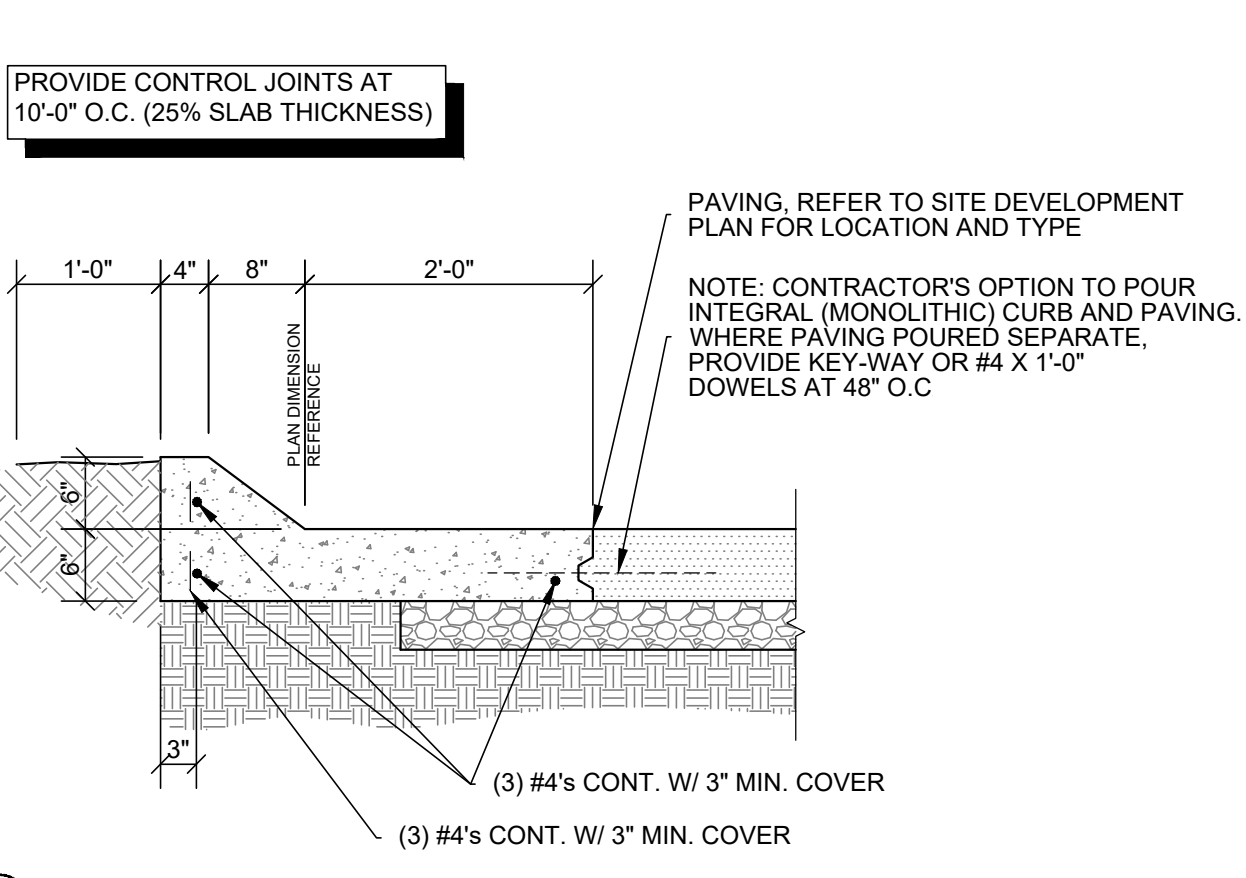
PROVIDE CONTROL JOINTS AT 12'-0" O.C. (25% SLAB THICKNESS)

CONCRETE PAVING WITH #3'S AT 24" O.C. EACH WAY (PLACED AT MID HEIGHT OF SLAB)

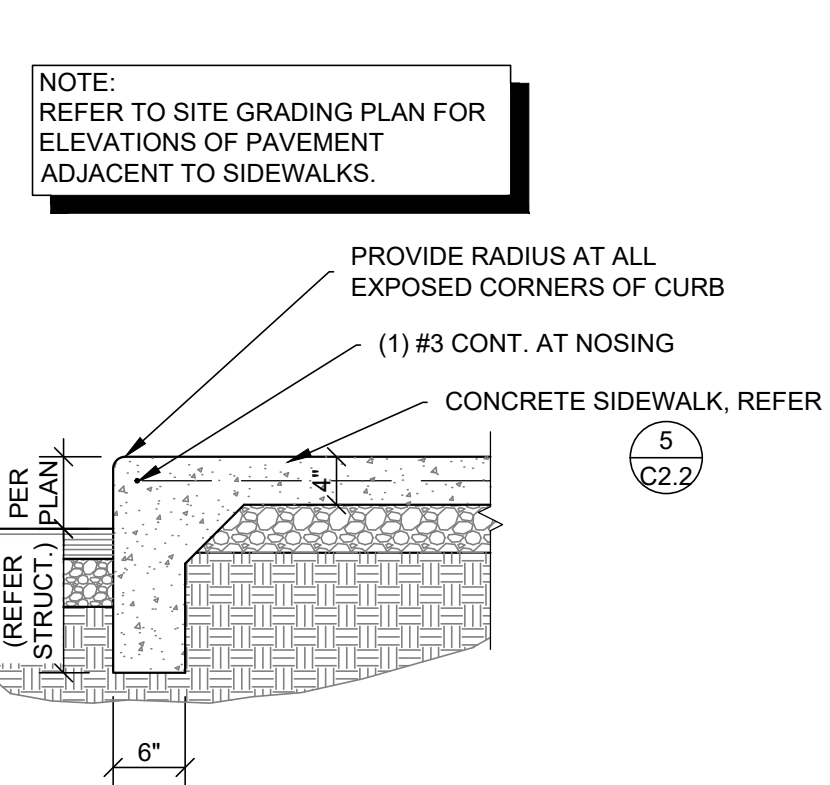
COMPACTED SUB BASE

COMPACTED SUB GRADE

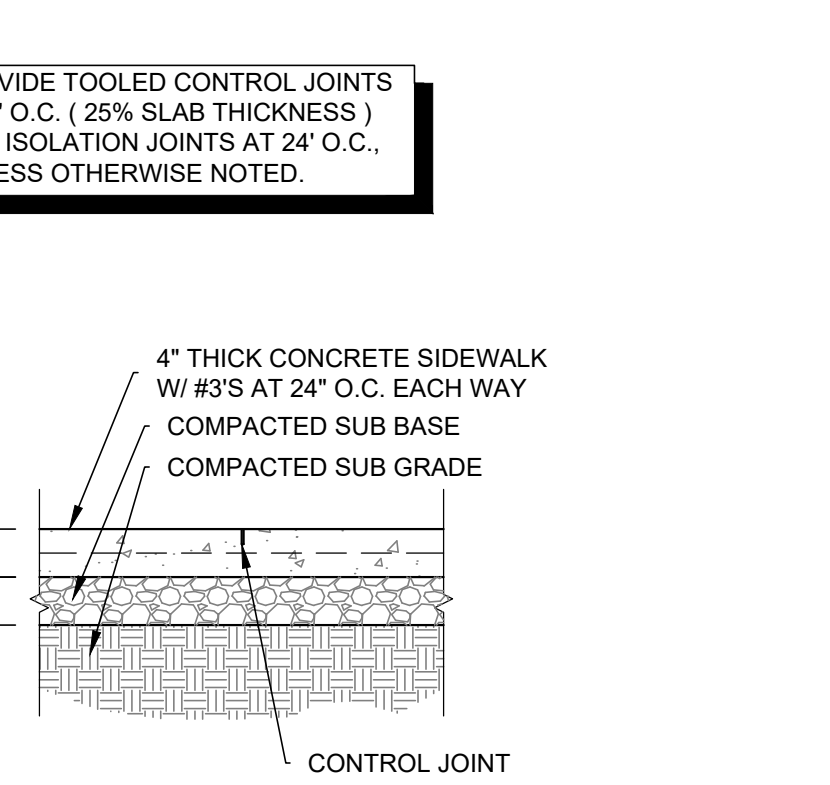
**2 CONCRETE (HEAVY DUTY) PAVING SECTION**  
C2.2 SCALE: 3/4" = 1'-0"



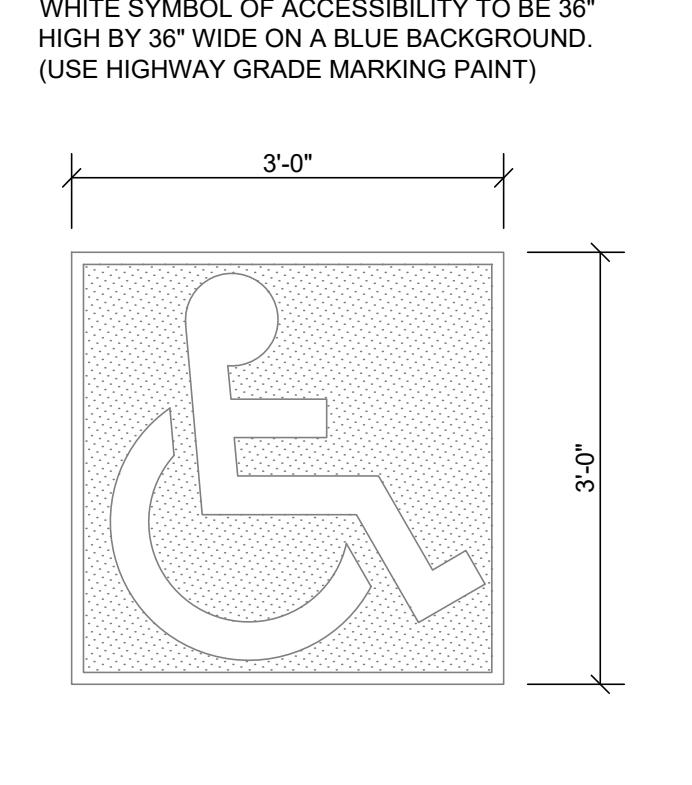
**3 CONCRETE CURB SECTION**  
C2.2 SCALE: 3/4" = 1'-0"



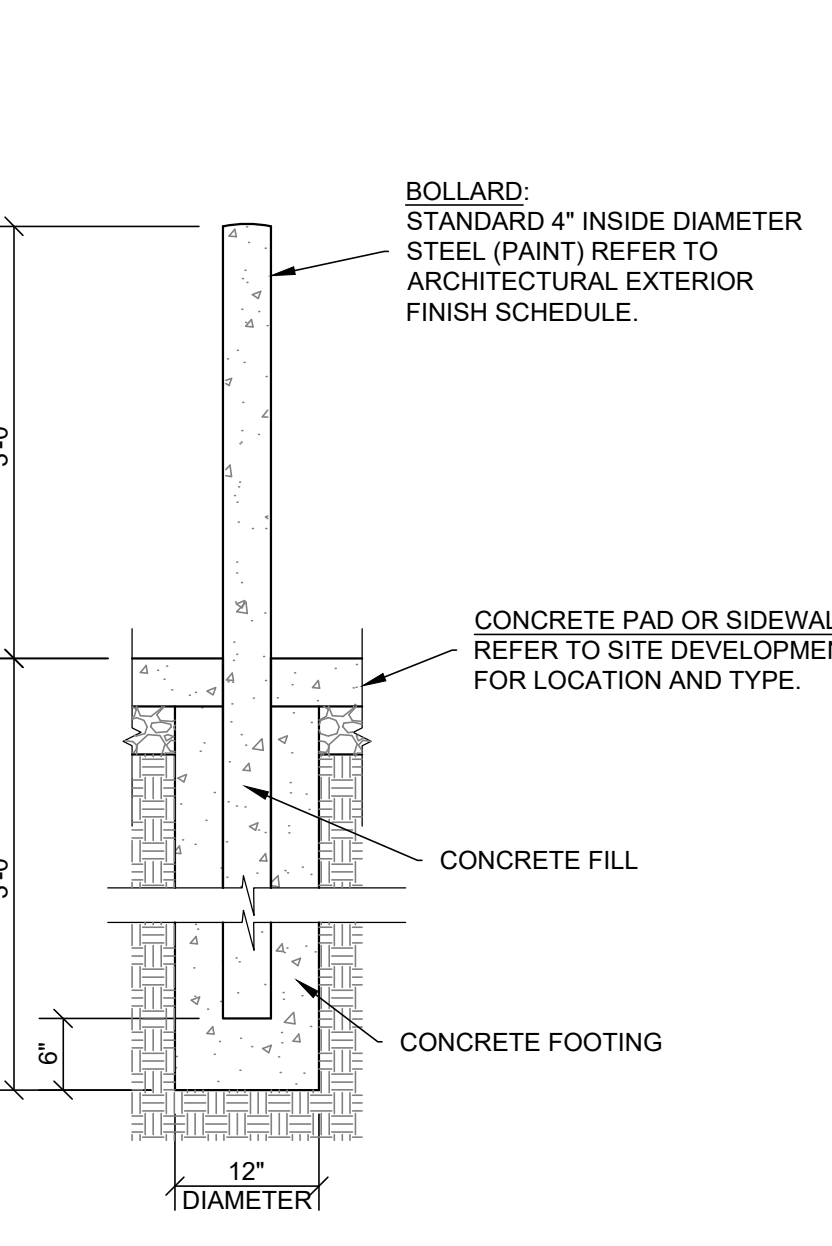
**4 CONCRETE SIDEWALK CURB SECTION**  
C2.2 SCALE: 3/4" = 1'-0"



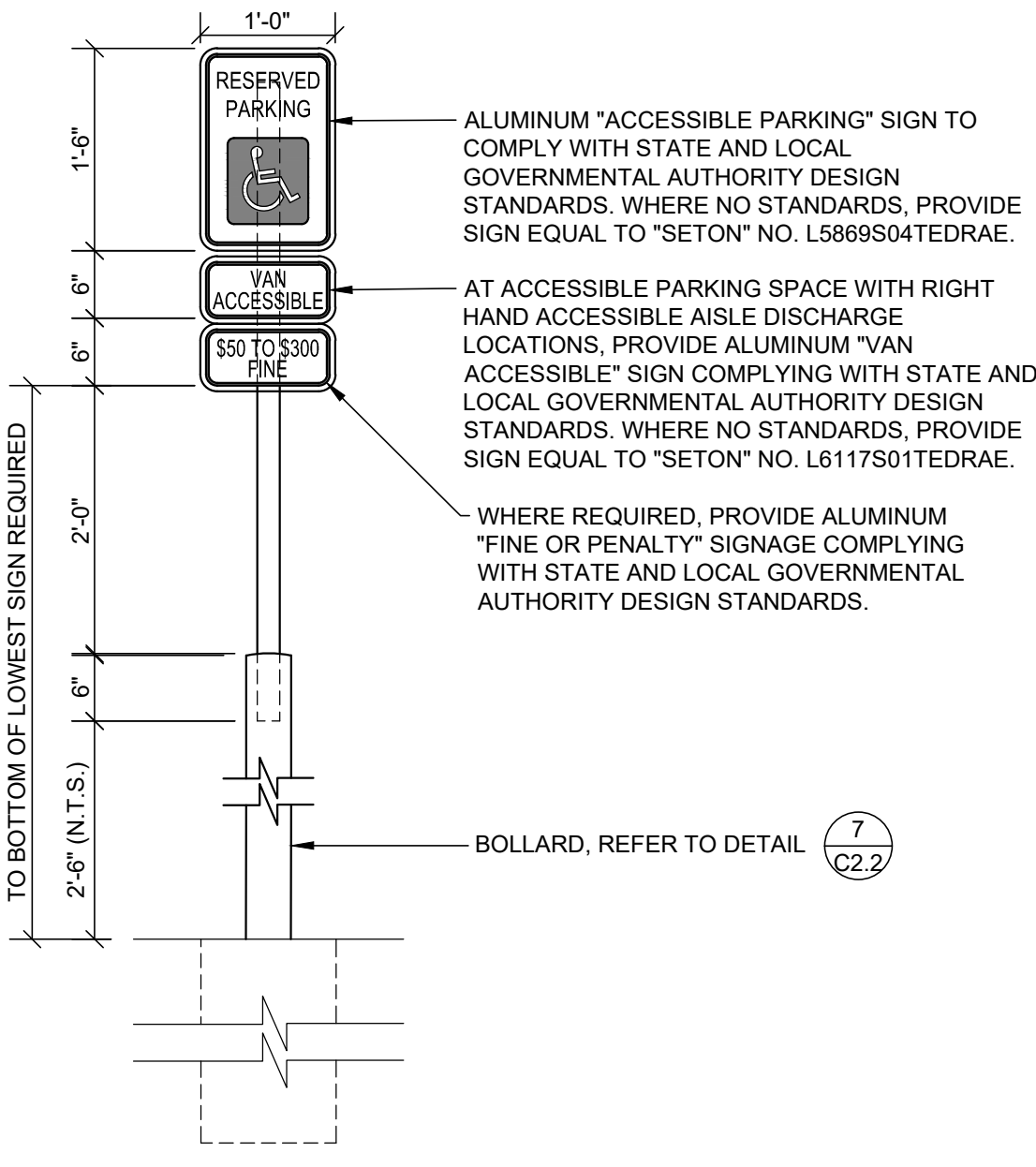
**5 CONCRETE SIDEWALK SECTION**  
C2.2 SCALE: 3/4" = 1'-0"



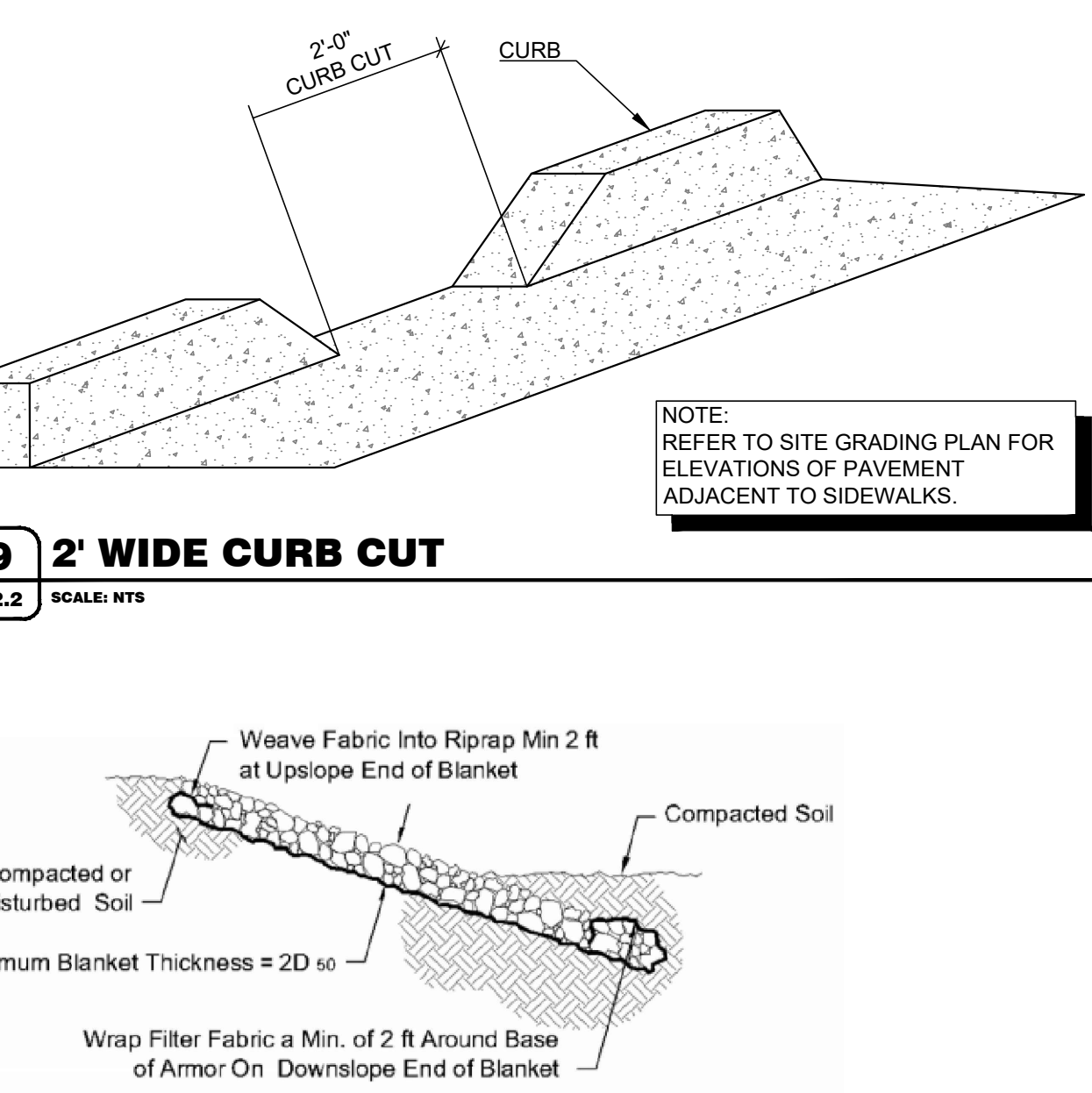
**6 ACCESSIBLE PARKING PAVEMENT STRIPING DETAIL**  
C2.2 SCALE: 3/4" = 1'-0"



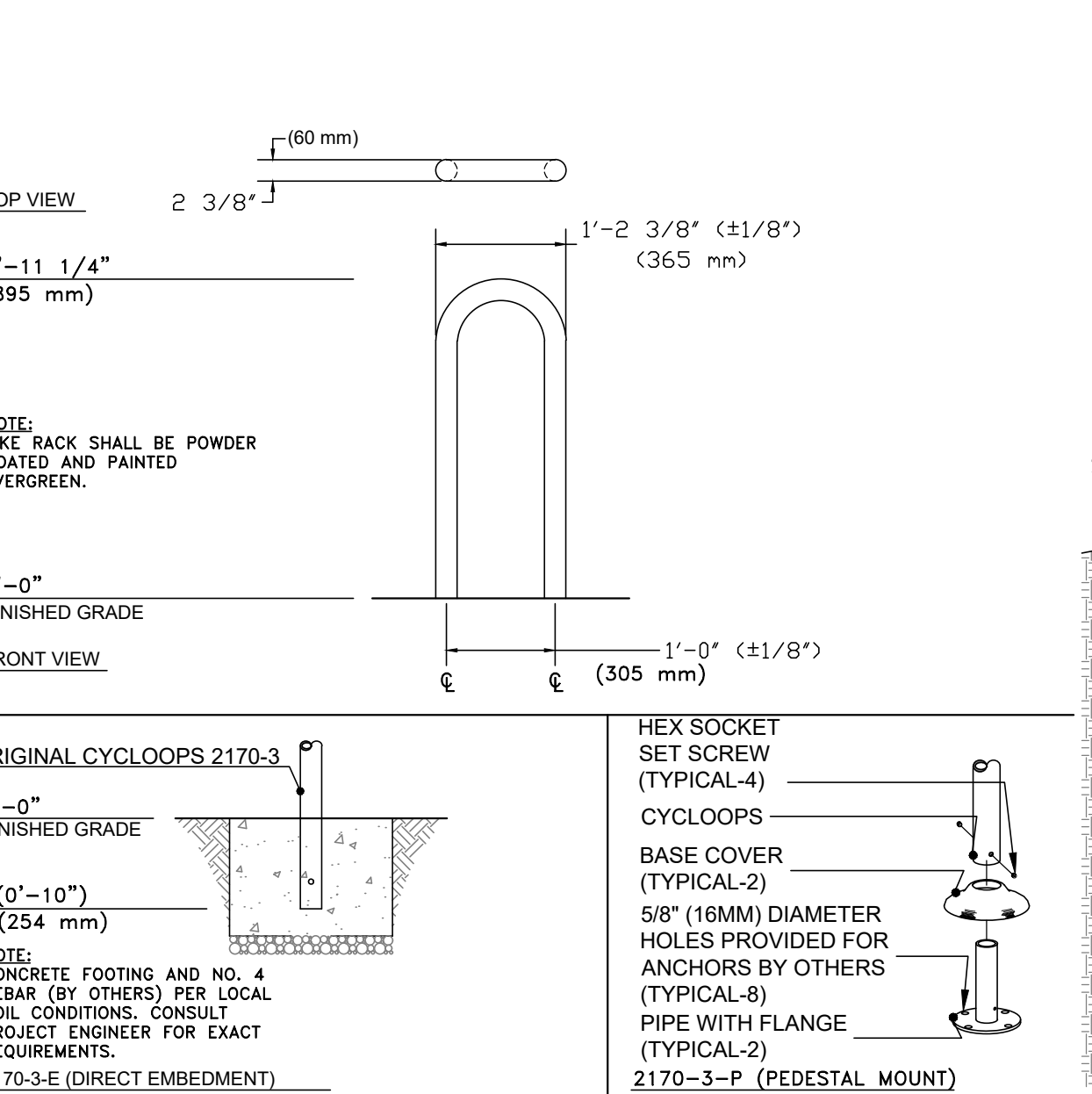
**7 STEEL BOLLARD SECTION**  
C2.2 SCALE: 3/4" = 1'-0"



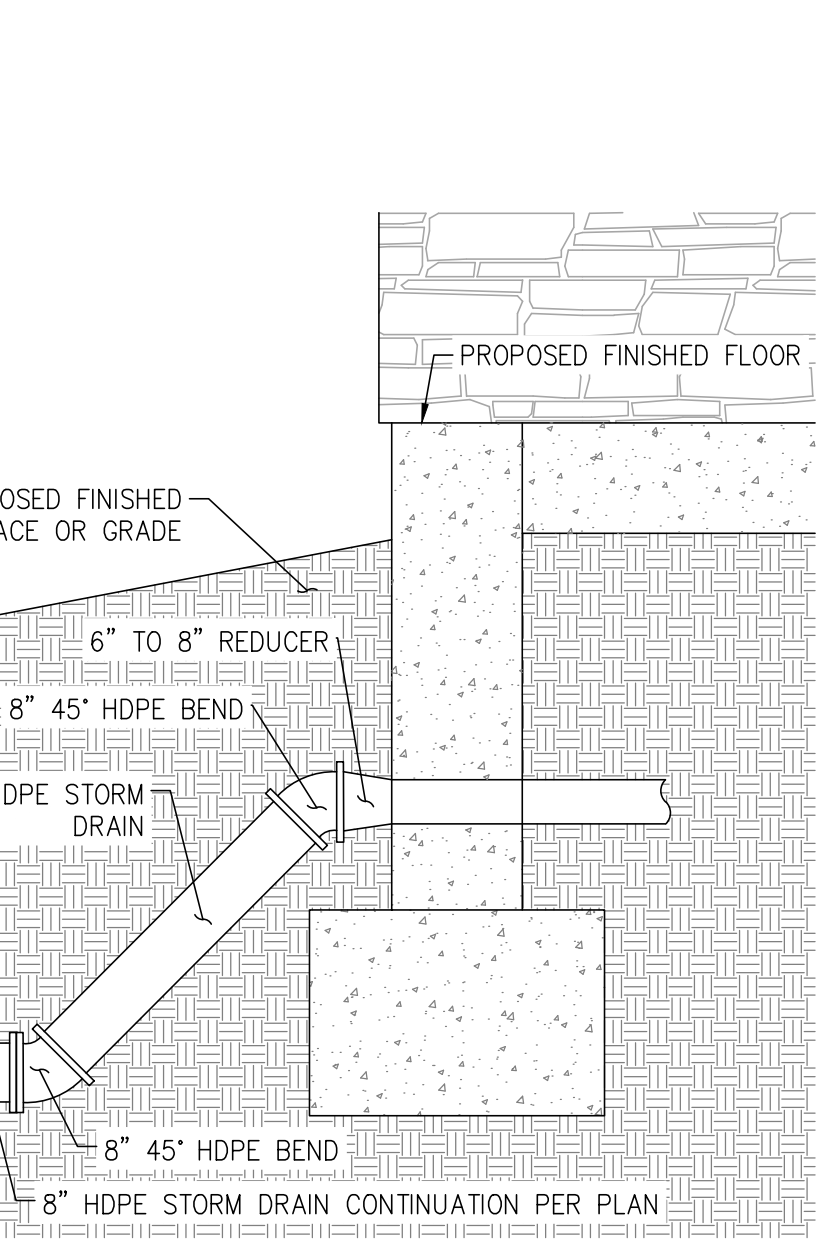
**8 HANDICAP PARKING SIGN DETAIL**  
C2.2 SCALE: 3/4" = 1'-0"



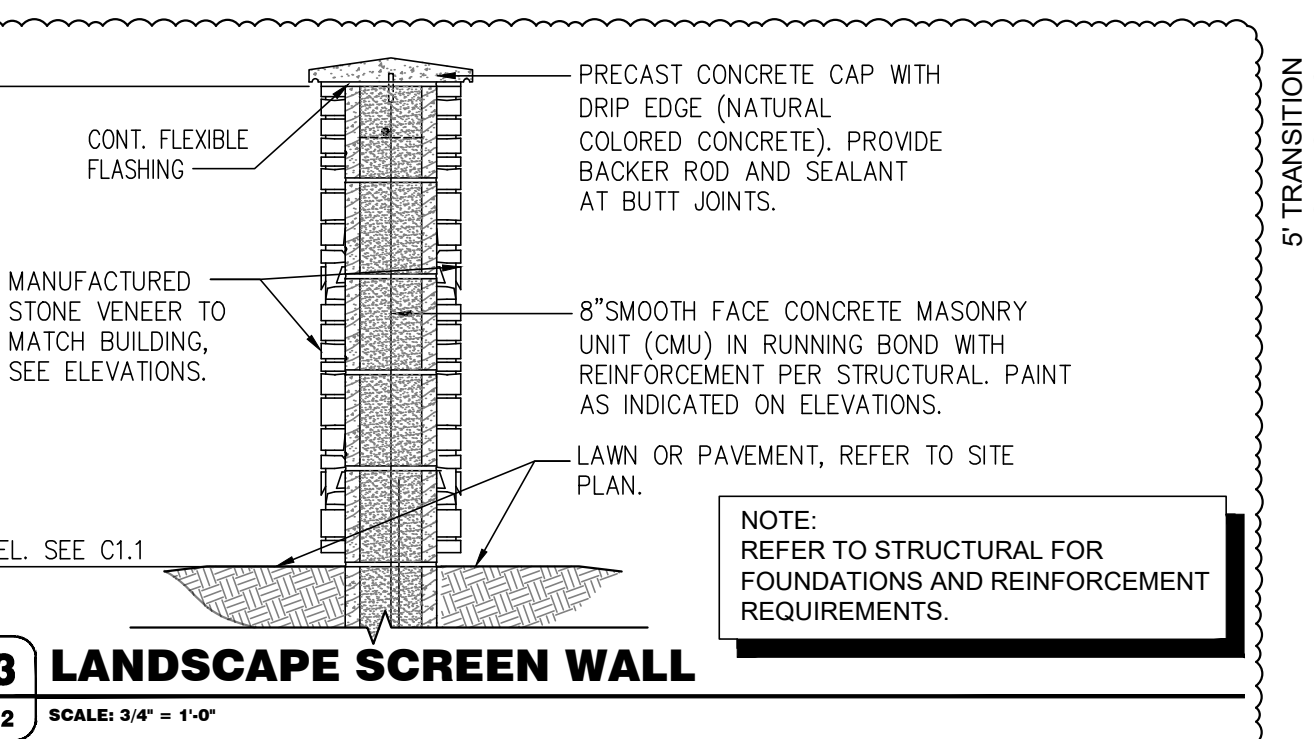
**9 2' WIDE CURB CUT**  
C2.2 SCALE: NTS



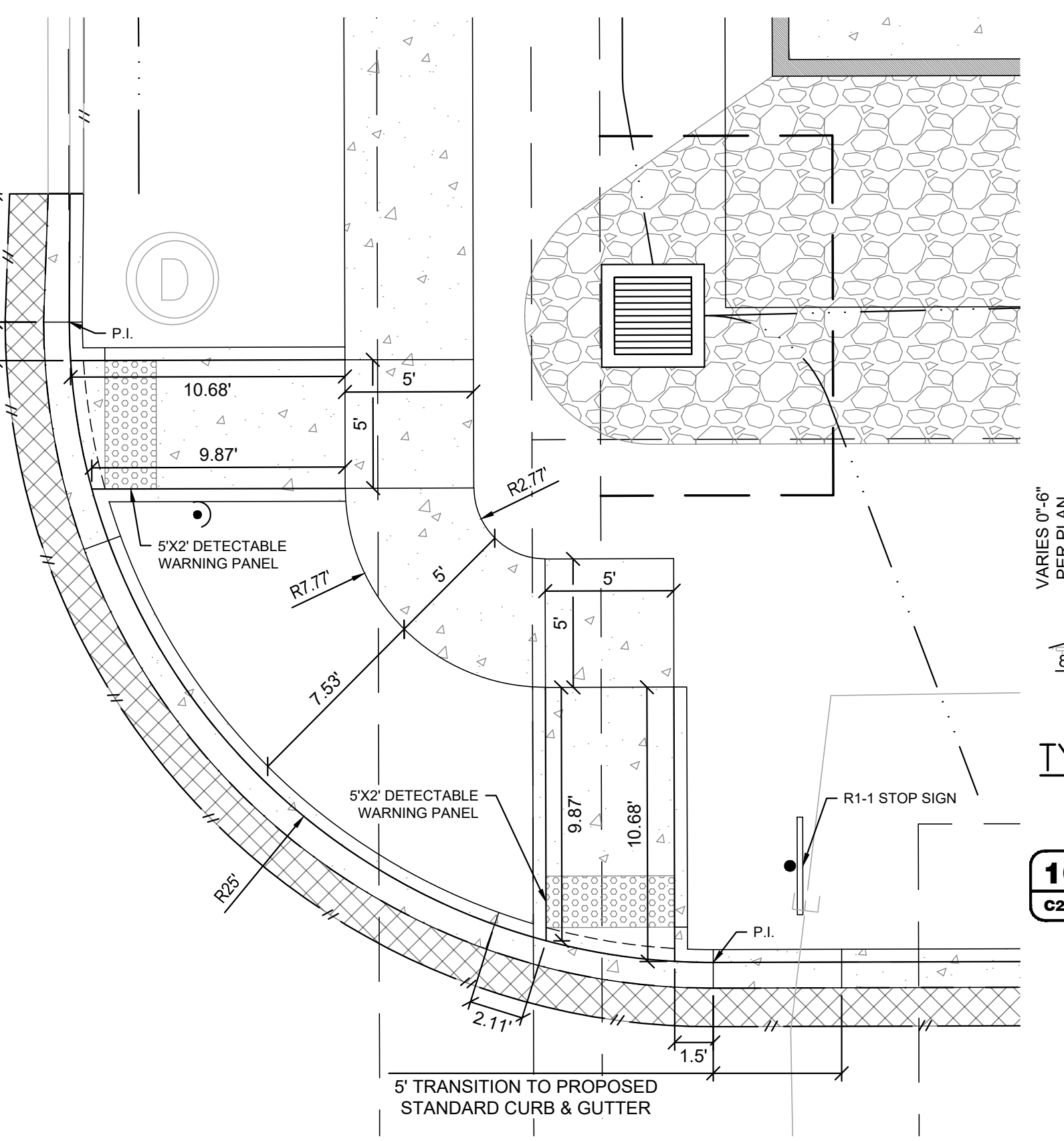
**11 BICYCLE PARKING (INVERTED "U")**  
C2.2 SCALE: 3/4" = 1'-0"



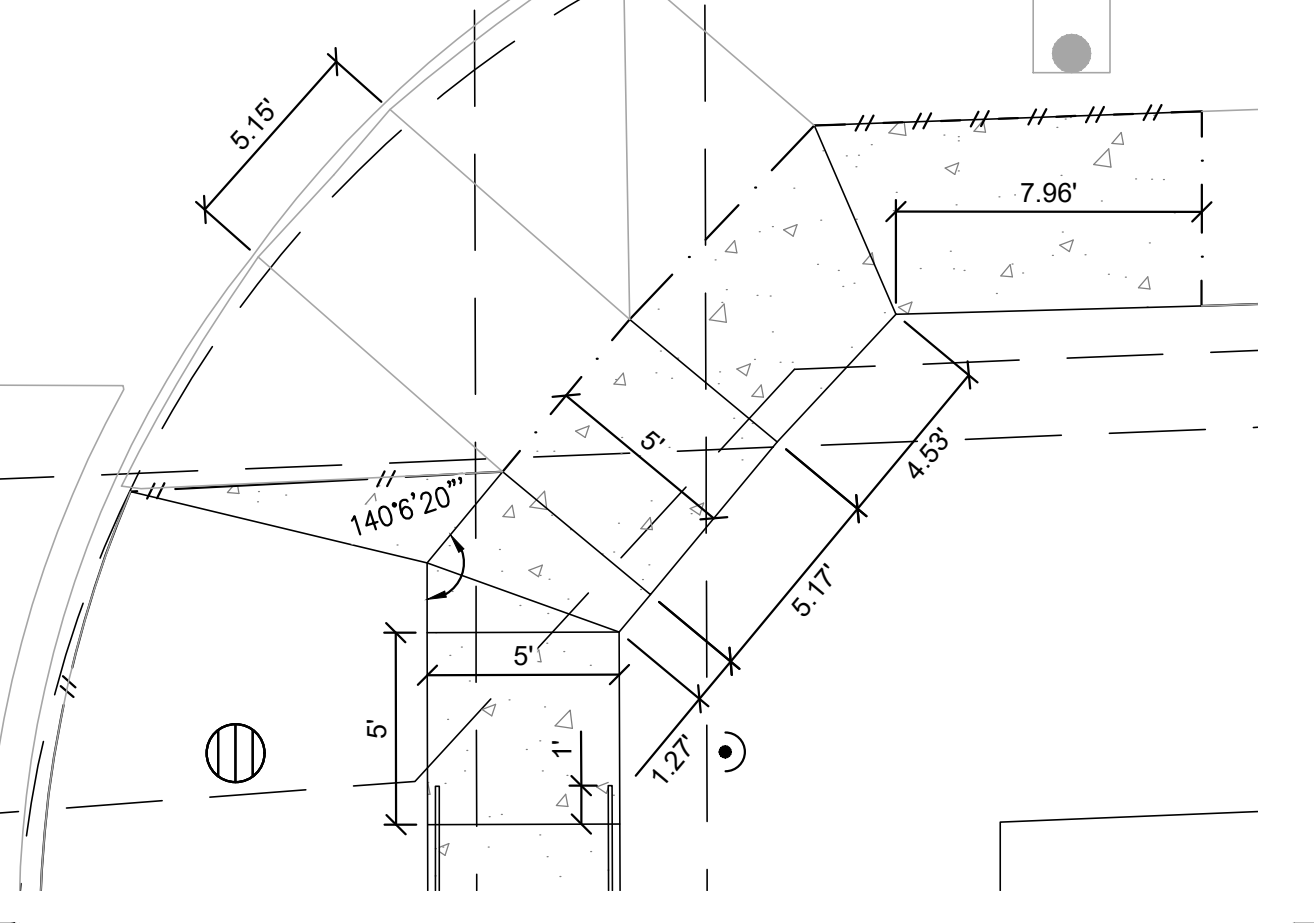
**12 DOWNSPOUT CONNECTION**  
C2.2 SCALE: NTS



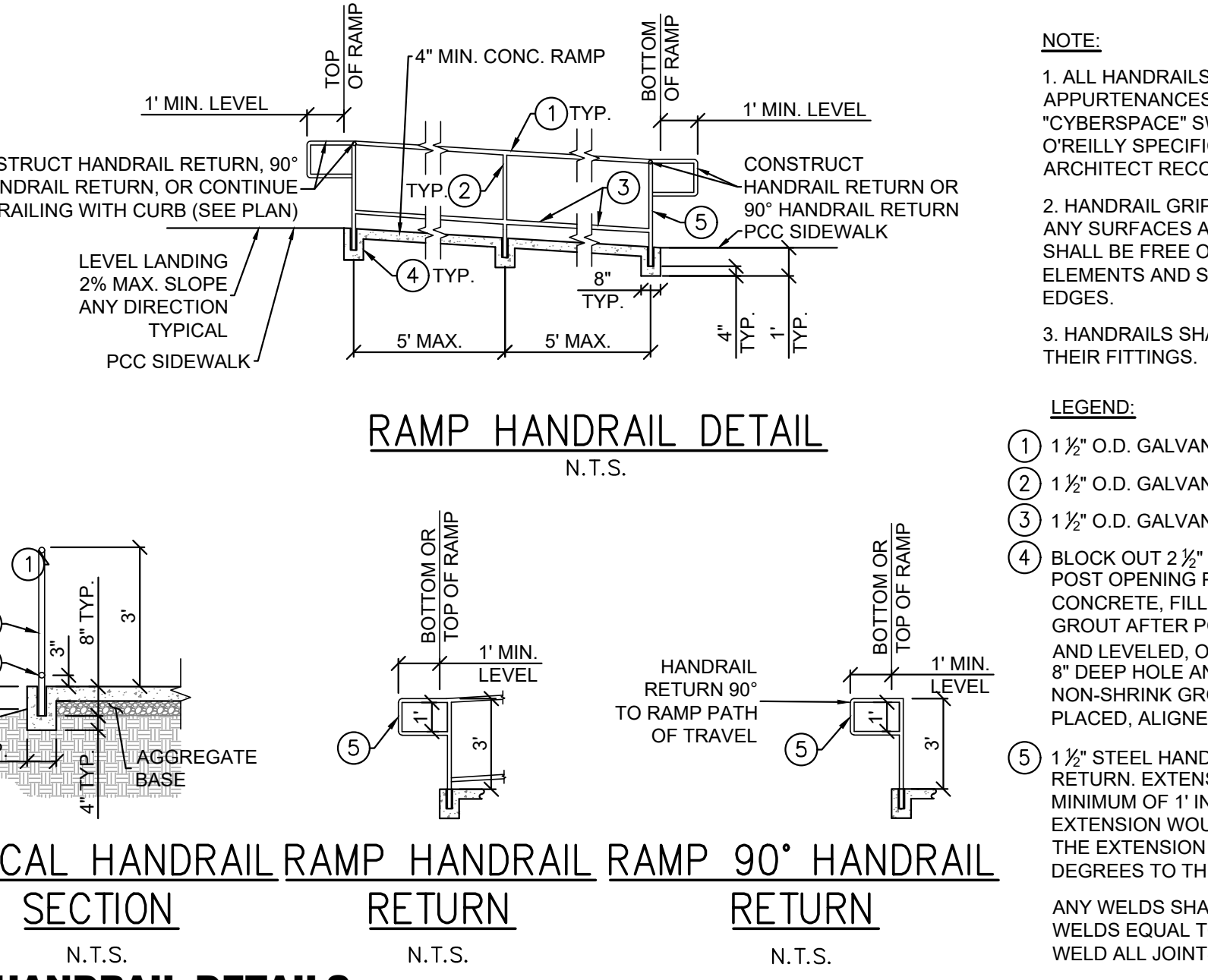
**13 LANDSCAPE SCREEN WALL**  
C2.2 SCALE: 3/4" = 1'-0"



**15 PROPOSED CURB RAMP DIMENSION DETAIL**  
C2.2 SCALE: 1" = 5'



**14 NORTHWEST ACCESSIBLE RAMP TIE-IN DETAIL**  
C2.2 SCALE: 1" = 5'



**16 HANDRAIL DETAILS**  
C2.2 SCALE: NTS

**NOTE:**

- ALL HANDRAILS, POSTS, AND APPURTENANCES TO BE PAINTED "CYBERSPACE" SW7076 (OR EQUAL) PER O'REILLY SPECIFICATIONS AND ARCHITECT RECOMMENDATIONS.
- HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
- HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

**LEGEND:**

- 1 1/2" O.D. GALVANIZED STEEL HANDRAIL.
- 1 1/2" O.D. GALVANIZED STEEL POST.
- 1 1/2" O.D. GALVANIZED STEEL GUIDE RAIL.
- BLOCK OUT 2 1/2" x 2 1/2" x 8" DEEP SQUARE POST OPENING PRIOR TO POURING CONCRETE. FILL WITH NON-SHRINK GROUT AFTER POST IS PLACED, ALIGNED AND LEVELED.
- 1 1/2" STEEL HANDRAIL EXTENSION RETURN. EXTENSION SHALL EXTEND A MINIMUM OF 1' IN DIRECTION OF RAMP. IF EXTENSION WOULD CREATE A HAZARD, THE EXTENSION MAY BE TURNED 90 DEGREES TO THE RUN OF THE RAMP.

ANY WELDS SHALL BE SLOT OR FILLET WELDS EQUAL TO THICKNESS OF PIPE. WELD ALL JOINTS ALL AROUND.

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.

PREPARED UNDER THE SUPERVISION OF TAIT & ASSOCIATES, INC.

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LOT 1 PARKER POINTE SUBDIVISION FILING 1

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

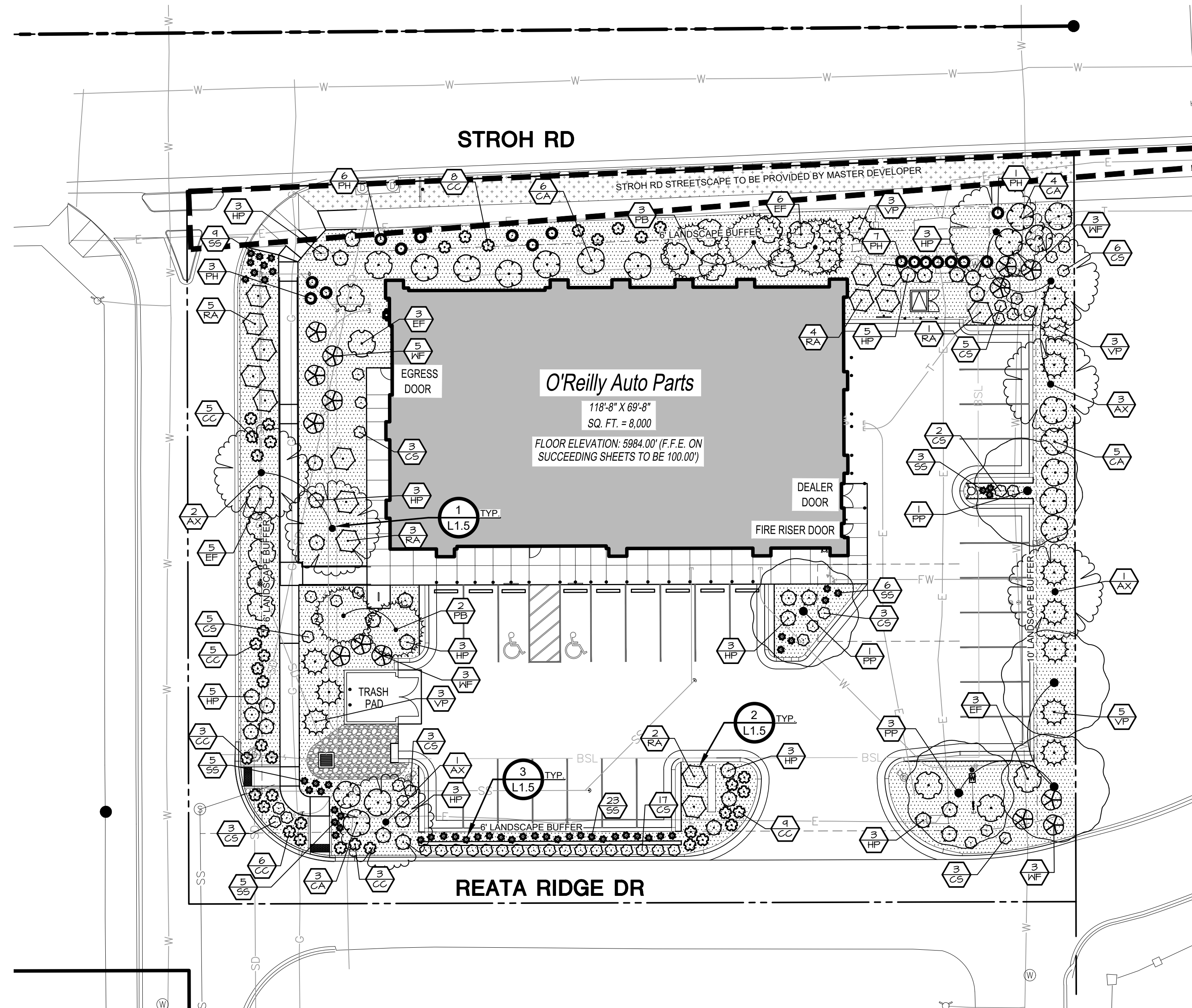
**SITE DETAILS**

**O'Reilly AUTO PARTS**

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

COMM #	4884
DATE:	02/14/2025
REVISION	
DATE:	05/02/2025
	06/17/2025



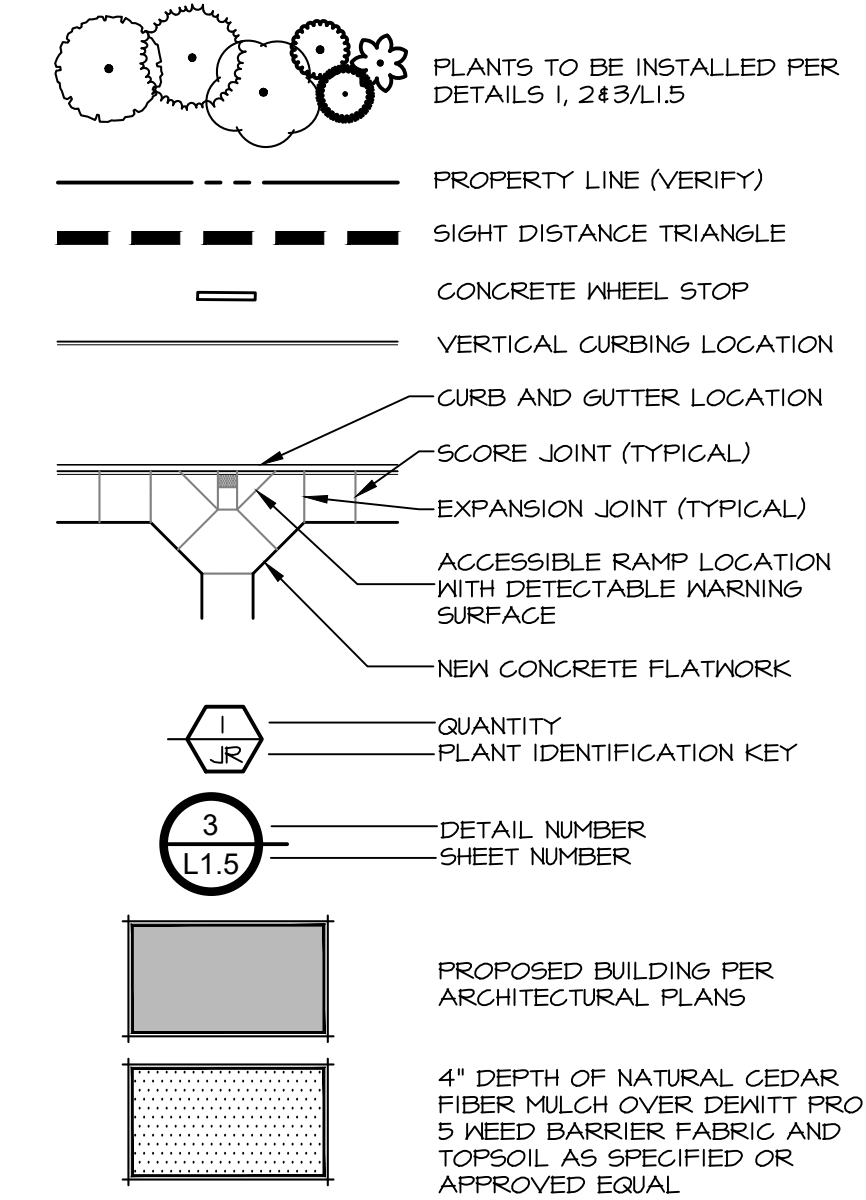


**1 LANDSCAPE PLAN**

**L1.0** SCALE: 1" = 20'-0"  
 20 0 20 40 60  
 GRAPHIC SCALE - FEET

2 WHOLE SHEET

**LANDSCAPE LEGEND**



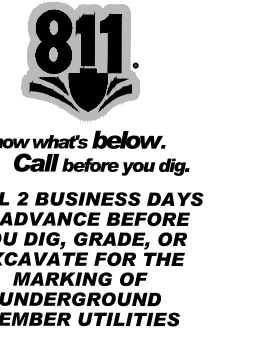
**LANDSCAPE REQUIREMENTS**

Requirements	REQUIRED	PROVIDED	
<b>EAST PARKING LOT ISLAND - 71 SF</b>			
1 TREE / ISLAND	1 TREES	1 TREES	
5 SHRUBS / ISLAND	5 SHRUBS	5 SHRUBS	
<b>SOUTH PARKING LOT ISLAND - 286 SF</b>			
1 TREE / ISLAND	1 TREES	1 TREES	
5 SHRUBS / ISLAND	5 SHRUBS	12 SHRUBS	
<b>NORTH PERIMETER - 216 LF</b>			
1 TREE / 40 LF	5 TREES	5 TREES	
5 SHRUBS / 40 LF	21 SHRUBS	45 SHRUBS	
* REPLACE 1 TREE WITH 10 SHRUBS			
PI 6' BUFFER			
*STROH RD STREETSCAPE TO BE PROVIDED BY MASTER DEVELOPER			
<b>EAST PERIMETER - 164 LF</b>			
1 TREE / 40 LF	4 TREES	4 TREES	
5 SHRUBS / 40 LF	21 SHRUBS	21 SHRUBS	
* REPLACE 1 TREE WITH 10 SHRUBS			
10' PARKING LOT BUFFER			
<b>SOUTH PERIMETER - 217 LF</b>			
1 TREE / 25 LF	8 TREES	2 TREES*	
5 SHRUBS / 25 LF	43 SHRUBS	43 SHRUBS*	
* REPLACE 1 TREE WITH 10 SHRUBS			
6' PARKING LOT BUFFER			
<b>WEST PERIMETER - 156 LF</b>			
1 TREE / 40 LF	4 TREES	4 TREES	
5 SHRUBS / 40 LF	20 SHRUBS	10 SHRUBS	
* REPLACE 1 TREE WITH 10 SHRUBS			
PI 6' BUFFER			
<b>GENERAL</b>			
Requirements:	TOTAL TREES	EVERGREEN TREES	PROVIDED
25-50% EVERGREEN TREES	17 TREES	5 TREES	24%
1 TREE & 5 SHRUBS / 1500 SF	LANDSCAPE AREA	TOTAL TREES	TOTAL SHRUBS
	11,616 SF	17 TREES	252 SHRUBS
* REPLACE 1 TREE WITH 10 SHRUBS			
15% OF SITE TO BE LANDSCAPED	LANDSCAPE AREA	TOTAL AREA	PROVIDED AREA
	11,616 SF	43,516 SF	26%
75% OF REQUIRED LANDSCAPE TO BE LIVE COVER	LANDSCAPE AREA	COVERED AREA	PROVIDED AREA
	11,616 SF	4,350 SF	30%

**PLANT SCHEDULE**

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>TREES</b>						
AX		1	Acer truncatum x platanoides 'Warrenred'	Pacific Sunset Maple	2" Cal. B4B	30' X 25' W
PP		5	Parrotia persica	Persian Ironwood	2" Cal. B4B	40' X 30' W
PB		5	Picea pungens glauca 'Baby Blue Eyes'	Baby Blue Eyes Colorado Blue Spruce	2" Cal. B4B	30' X 15' W
<b>SHRUBS</b>						
CC		34	Coreopsis x 'Creme Brulee'	Creme Brulee Tickseed	1 gal.	1'-2" H x 2'-3" W
CA		18	Cornus alba 'Bailhala' TM	Ivory Halo Dogwood	5 gal.	6'-8" H & 4" W
CS		47	Cornus sericea 'Kelsey'	Kelsey Dwarf Redtwig Dogwood	2 gal.	24"-30" H x 24"-30" W
EF		17	Evonymus fortunei 'Colorata'	Purple-leaf Winter Creeper	2 gal.	2'-3" H & 6'-8" W
HP		31	Hydrangea paniculata 'Little Lime'	Little Lime Panicle Hydrangea	5 gal.	3'-5" H & 4" W
PH		17	Pennisetum alopecuroides 'Hamel'	Hamel Fountain Grass	2 gal.	2'-3" H x 2'-3" W
RA		15	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	3 gal.	2'-3" H x 5'-7" W
SS		51	Salvia x sylvestris 'May Night'	May Night Sage	1 gal.	18"-24" H & 4" W
VP		14	Viburnum plicatum 'Popcorn'	Popcorn Japanese Snowball	5 gal.	6'-8" H & 6'-8" W
WF		14	Weigela Florida 'Red Prince'	Red Prince Weigela	5 gal.	5'-6" H & 4" W

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



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

**O'Reilly AUTO PARTS**  
 CORPORATE OFFICES  
 233 SOUTH PATTERSON  
 SPRINGFIELD, MISSOURI  
 (417) 882-2674 TELEPHONE

COMM # 4884  
 DATE: 2-14-2025  
 REVISION DATE: 5-2-2025  
 DATE: 7-1-2025

## LANDSCAPE AREA PREPARATION NOTES:

- LIMIT TURF SUBGRADE PREPARATION TO AREAS TO BE PLANTED.
- NEWLY GRADED SUBGRADES: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEIOUS MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
  - SPREAD PLANTING SOIL TO A DEPTH OF 12 INCHES IN TURF AREAS AND 18 INCHES AT SHRUB BED AREAS BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER LIGHT ROLLING AND NATURAL SETTLEMENT. DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET.
  - SPREAD PLANTING SOIL OVER LOOSENED SUBGRADE.
  - REDUCE ELEVATION OF PLANTING SOIL TO ALLOW FOR SOIL THICKNESS OF SOD OR SEED.
- UNCHANGED SUBGRADES: IF TURF IS TO BE PLANTED IN AREAS UNALTERED OR UNDISTURBED BY EXCAVATING, GRADING, OR SURFACE-SOIL STRIPPING OPERATIONS, PREPARE SURFACE SOIL AS FOLLOWS:
  - REMOVE EXISTING GRASS, VEGETATION, AND TURF. DO NOT MIX INTO SURFACE SOIL.
  - LOOSEN SURFACE SOIL TO A DEPTH OF AT LEAST 6 INCHES. PROVIDE WEED ABATEMENT PROCEDURE. APPLY SOIL AMENDMENTS AND FERTILIZERS ACCORDING TO PLANTING SOIL MIX PROPORTIONS AND MIX THOROUGHLY INTO TOP 6 INCHES OF SOIL. TILL SOIL TO A HOMOGENEOUS MIXTURE OF FINE TEXTURE.
  - APPLY SOIL AMENDMENTS DIRECTLY TO SURFACE SOIL BEFORE LOOSENING.
  - REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, TRASH, AND OTHER EXTRANEIOUS MATTER.
  - LEGALLY DISPOSE OF WASTE MATERIAL, INCLUDING GRASS, VEGETATION, AND TURF, OFF OWNER'S PROPERTY.
- FINISH GRADING: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH OF FINISH ELEVATION. ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES. LIMIT FINISH GRADING TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE.
- MOISTEN PREPARED AREA BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
- BEFORE PLANTING, OBTAIN DESIGN PROFESSIONAL'S ACCEPTANCE OF FINISH GRADING; RESTORE PLANTING AREAS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING.
- DO NOT SOIL IMMEDIATELY FOLLOWING RAIN, OR WHEN GROUND IS TOO DRY. TEMPERATURE SHALL BE BETWEEN 55 F AND 45 F FOR A 24 HOUR PERIOD. WIND SHALL BE LESS THAN 5 MPH.

## TOPSOIL NOTES

- TOPSOIL REQUIREMENTS: ASTM D 5280, PH RANGE OF 5.5 TO 7.0, FOUR PERCENT ORGANIC MATERIAL MINIMUM, FREE OF STONES 1/2 INCH OR LARGER IN ANY DIMENSION, AND OTHER EXTRANEIOUS MATERIALS HARMFUL TO PLANT GROWTH.
- TOPSOIL SOURCE: STRIP EXISTING TOPSOIL FROM ALL AREAS OF THE SITE TO BE DISTURBED. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, ORGANIC MATTER LARGER THAN 2 INCHES IN ANY DIMENSION AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. TOPSOIL SHALL BE SCREENED TO ACHIEVE THIS REQUIREMENT.
- REPRESENTATIVE SAMPLES SHALL BE TESTED FOR ACIDITY, FERTILITY AND GENERAL TEXTURE BY A RECOGNIZED COMMERCIAL OR GOVERNMENT AGENCY AND COPIES OF THE TESTING AGENCY'S FINDINGS AND RECOMMENDATIONS SHALL BE FURNISHED TO THE ARCHITECT'S REPRESENTATIVE BY THE CONTRACTOR. ALL TOPSOIL SHALL BE AMENDED TO ACHIEVE SPECIFIED PH AND ORGANIC REQUIREMENTS. RE-TEST TOPSOIL PRIOR TO FINAL COMPLETION TO ENSURE REQUIREMENTS HAVE BEEN MET. NO TOPSOIL SHALL BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION.
- PLACE TOPSOIL IN AREAS WHERE REQUIRED TO OBTAIN THICKNESS AS SCHEDULED. PLACE TOPSOIL DURING DRY WEATHER. PROVIDE ADDITIONAL IMPORTED TOPSOIL REQUIRED TO BRING SURFACE TO PROPOSED FINISH GRADE, AS REQUIRED.
- COMPACTED TOPSOIL THICKNESS AT THE FOLLOWING AREAS:
  - LAWN AREAS: 12 INCHES MINIMUM OR AS NECESSARY TO ACHIEVE EVEN GRADES WITH SURROUNDING LAWN AREAS.
  - PLANTER BEDS: 18 INCHES MINIMUM
- FINE GRADE TOPSOIL TO SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORMLY FINE TEXTURE. REMOVE RIDGES AND FILL DEPRESSIONS, AS REQUIRED TO MEET FINISH GRADES. FINISH GRADE OF TOPSOIL SHALL BE 2" BELOW FINISH GRADE OF PAVEMENTS AREAS FOR SOD AND 1" FOR SEED.
- TOPSOIL STOCKPILE LOCATIONS TO BE COVERED COORDINATE WITH EROSION AND SEDIMENT CONTROL PLAN.
- ALL GRAVEL, SUBBASE, AND OTHER IMPORTED FILL MATERIALS OTHER THAN TOPSOIL SHALL ONLY BE STOCKPILED IN PROPOSED IMPERVIOUS AREAS. NO GRAVEL OR ROCK MATERIALS SHALL BE STOCKPILED OR TEMPORARILY PLACED IN PROPOSED LANDSCAPE AREAS TO PREVENT LANDSCAPE AREAS FROM BEING CONTAMINATED WITH ROCK MATERIALS. CONTRACTOR SHALL SUBMIT A DETAILED STOCKPILE PLAN TO DESIGN PROFESSIONAL AND OWNER FOR APPROVAL PRIOR TO ANY EARTHWORK OPERATIONS.

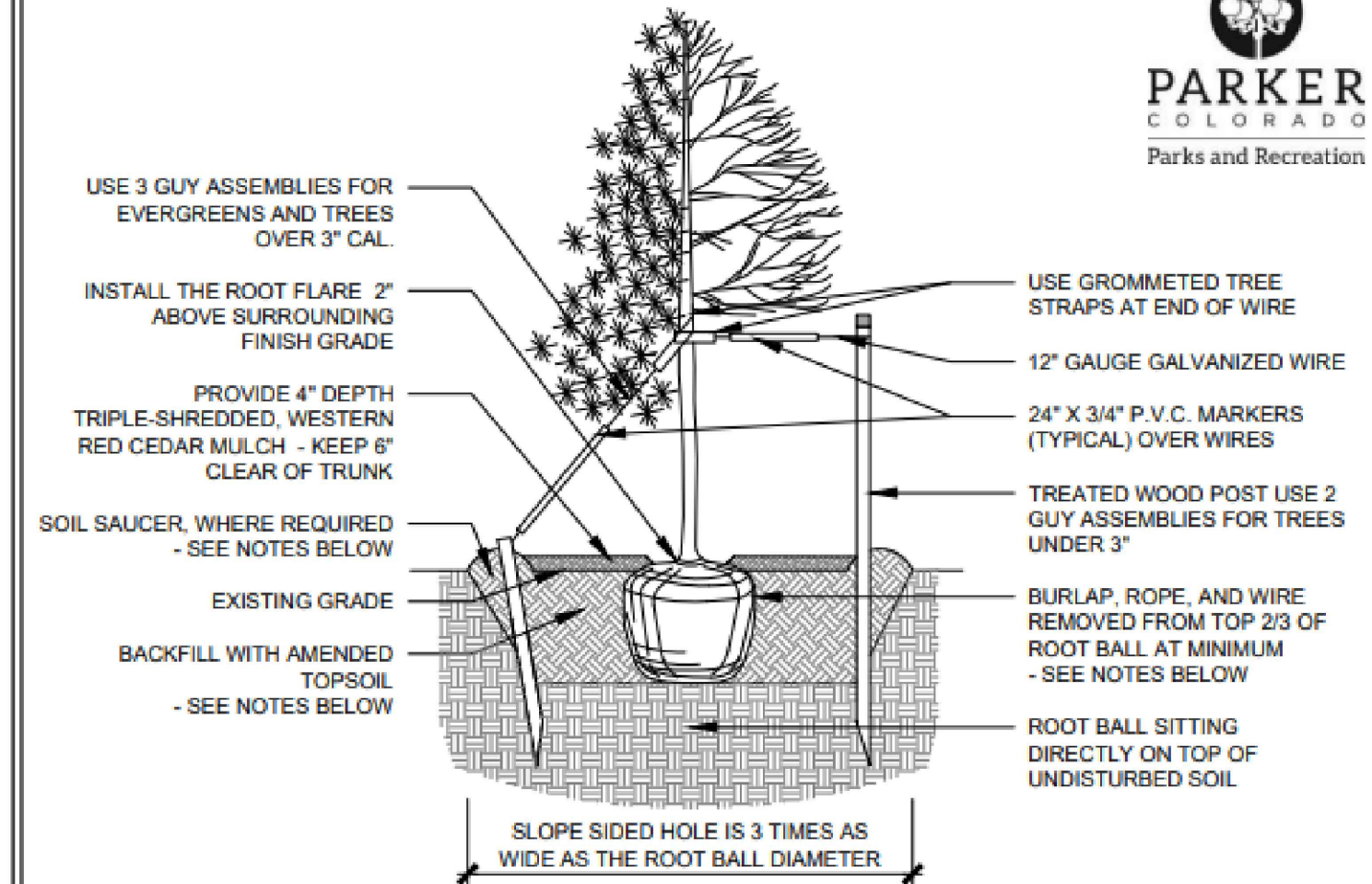
## LANDSCAPE NOTES:

- CONTRACTOR SHALL REPORT TO DESIGN PROFESSIONAL ALL CONDITIONS WHICH IMPAIR AND/OR PREVENT THE PROPER EXECUTION OF THIS WORK, PRIOR TO BEGINNING WORK.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT THE DESIGN PROFESSIONAL'S PRIOR WRITTEN APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CAN NOT BE OBTAINED.
- COORDINATE ALL WORK WITH ALL OTHER SITE RELATED DEVELOPMENT DRAWINGS. COORDINATE WORK SCHEDULE AND OBSERVATIONS WITH DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION START-UP.
- ALL PLANT MATERIAL SHALL BE INSTALLED AS PER DETAILS.
- ALL PLANT MATERIAL SHALL CONFORM TO THE AMERICAN NURSERYMAN STANDARDS FOR TYPE AND SIZE SHOWN. PLANTS WILL BE REJECTED IF NOT IN A SOUND AND HEALTHY CONDITION.
- IN THE EVENT OF A PLANT COUNT DISCREPANCY, PLANT SYMBOLS SHALL OVERRIDE SCHEDULE QUANTITIES AND CALL OUT SYMBOL NUMBERS.
- ALL PLANTING BEDS SHALL BE COVERED WITH A MINIMUM OF 4" DEPTH OF NATURAL CEDAR FIBER MULCH. SUBMIT SAMPLE FOR APPROVAL.
- ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BEGINNING AT THE DATE OF ACCEPTANCE BY THE OWNER. REPLACE ALL PLANT MATERIAL FOUND DEAD OR NOT IN A HEALTHY CONDITION IMMEDIATELY WITH THE SAME SIZE AND SPECIES AT NO COST TO THE OWNER.
- FINISH GRADES SHALL PROVIDE A SMOOTH TRANSITION WITH ADJACENT SURFACES AND ENSURE POSITIVE DRAINAGE IN ACCORDANCE WITH THE SITE GRADING PLAN.
- AMEND EXISTING APPROVED TOPSOIL AT A RATIO OF THREE CUBIC YARDS OF APPROVED COMPOST PER 1000 SQUARE FEET. ROTO-TILL ORGANIC MATTER A MINIMUM OF 6 INCHES INTO TOPSOIL.
- FERTILIZE ALL TREES AND SHRUBS WITH 'AGRIFORM' PLANTING TABLETS. QUANTITY PER MANUFACTURER'S RECOMMENDATIONS.
- ALL PLANTING BEDS SHALL HAVE A MINIMUM 18" DEPTH OF TOPSOIL. LAWN AREAS SHALL HAVE A MINIMUM 12" DEPTH OF TOPSOIL. SPREAD, COMPACT, AND FINE GRADE TOPSOIL TO A SMOOTH AND UNIFORM GRADE 3" BELOW ADJACENT SURFACES OF PLANTER BED AREAS, 1-1/2" BELOW ADJACENT SURFACES OF TURF SOD AREAS, AND 1" BELOW ADJACENT SURFACES OF TURF SEED AREAS.
- REUSE EXISTING TOPSOIL STOCKPILED ON THE SITE. SUPPLEMENT WITH IMPORTED TOPSOIL WHEN QUANTITIES ARE INSUFFICIENT. VERIFY SUITABILITY AND CONDITION OF TOPSOIL AS A GROWING MEDIUM. PERFORM SOIL TEST/ ANALYSIS AND PROVIDE ADDITIONAL AMENDMENT AS DETERMINED BY SOIL TESTS. TOPSOIL SHALL BE A LOOSE, FRIABLE, SANDY LOAM, CLEAN AND FREE OF TOXIC MATERIALS, NOXIOUS WEEDS, SEEDS, ROCKS, GRASS OR OTHER FOREIGN MATERIAL AND HAVE A PH OF 5.5 TO 7.0. IF ON-SITE TOPSOIL DOES NOT MEET THESE MINIMUM STANDARDS, CONTRACTOR IS RESPONSIBLE TO EITHER:
  - PROVIDE APPROVED IMPORTED TOPSOIL, OR
  - IMPROVE ON-SITE TOPSOIL WITH METHODS APPROVED BY THE DESIGN PROFESSIONAL.
- IF IMPORTED TOPSOIL FROM OFF-SITE SOURCES IS REQUIRED, ENSURE IT IS FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, LITTER, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
  - OBTAIN TOPSOIL FROM LOCAL SOURCES OR FROM AREAS HAVING SIMILAR SOIL CHARACTERISTICS TO THOSE FOUND ON THE PROJECT SITE. OBTAIN TOPSOIL ONLY FROM NATURALLY, WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT A DEPTH OF NOT LESS THAN 4 INCHES.
  - REPRESENTATIVE SAMPLES SHALL BE TESTED FOR ACIDITY, FERTILITY, TOXICITY, AND GENERAL TEXTURE BY A RECOGNIZED COMMERCIAL OR GOVERNMENT AGENCY AND COPIES OF THE TESTING AGENCY'S FINDINGS AND RECOMMENDATIONS SHALL BE FURNISHED TO THE OWNER'S REPRESENTATIVE BY THE CONTRACTOR. NO TOPSOIL SHALL BE DELIVERED IN A FROZEN OR MUDDY CONDITION. ACIDITY/ALKALINITY RANGE: PH: 5.5 TO 7.0.
- IMMEDIATELY CLEAN UP ANY TOPSOIL OR OTHER DEBRIS ON THE SITE CREATED FROM LANDSCAPE OPERATIONS AND DISPOSE OF PROPERLY OFF SITE.
- SEEZAGE BEDS AND OTHER STORM DRAINAGE FACILITIES MUST BE PROTECTED FROM ANY AND ALL CONTAMINATION DURING THE CONSTRUCTION AND INSTALLATION OF THE LANDSCAPE IRRIGATION SYSTEM.
- IN THE EVENT OF A DISCREPANCY, NOTIFY THE DESIGN PROFESSIONAL IMMEDIATELY.

## WEED ABATEMENT NOTES:

- ALL AREAS TO BE PLANTED OR HYDROSEEDING SHALL HAVE WEED ABATEMENT OPERATIONS PERFORMED ON THEM PRIOR TO PLANTING OR HYDROSEEDING.
- CONTRACTOR SHALL SPRAY ALL EXPOSED WEEDS WITH GROUND-UP-A (CONTACT HERBICIDE) OR APPROVED EQUAL.
- DO NOT WATER FOR AT LEAST SEVEN (7) DAYS. REMOVE EXPOSED WEEDS FROM THE SITE.
- CONTRACTOR SHALL OPERATE THE AUTOMATIC IRRIGATION SYSTEM FOR A PERIOD OF FOURTEEN (14) DAYS. AT CONCLUSION OF THIS WATERING PERIOD, DISCONTINUE WATERING FOR THREE TO FIVE (3-5) DAYS.
- APPLY SECOND APPLICATION OF GROUND-UP-A TO ALL EXPOSED WEEDS. APPLY IN STRICT CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS. DO NOT WATER FOR AT LEAST SEVEN (7) DAYS. REMOVE WEEDS FROM THE SITE.
- IF ANY EVIDENCE OF WEED GERMINATION EXISTS AFTER TWO (2) APPLICATIONS, CONTRACTOR SHALL BE DIRECTED TO PERFORM A THIRD APPLICATION.
- AT THE TIME OF PLANTING AND HYDROSEEDING, ALL PLANTING AREAS SHALL BE WEED FREE.

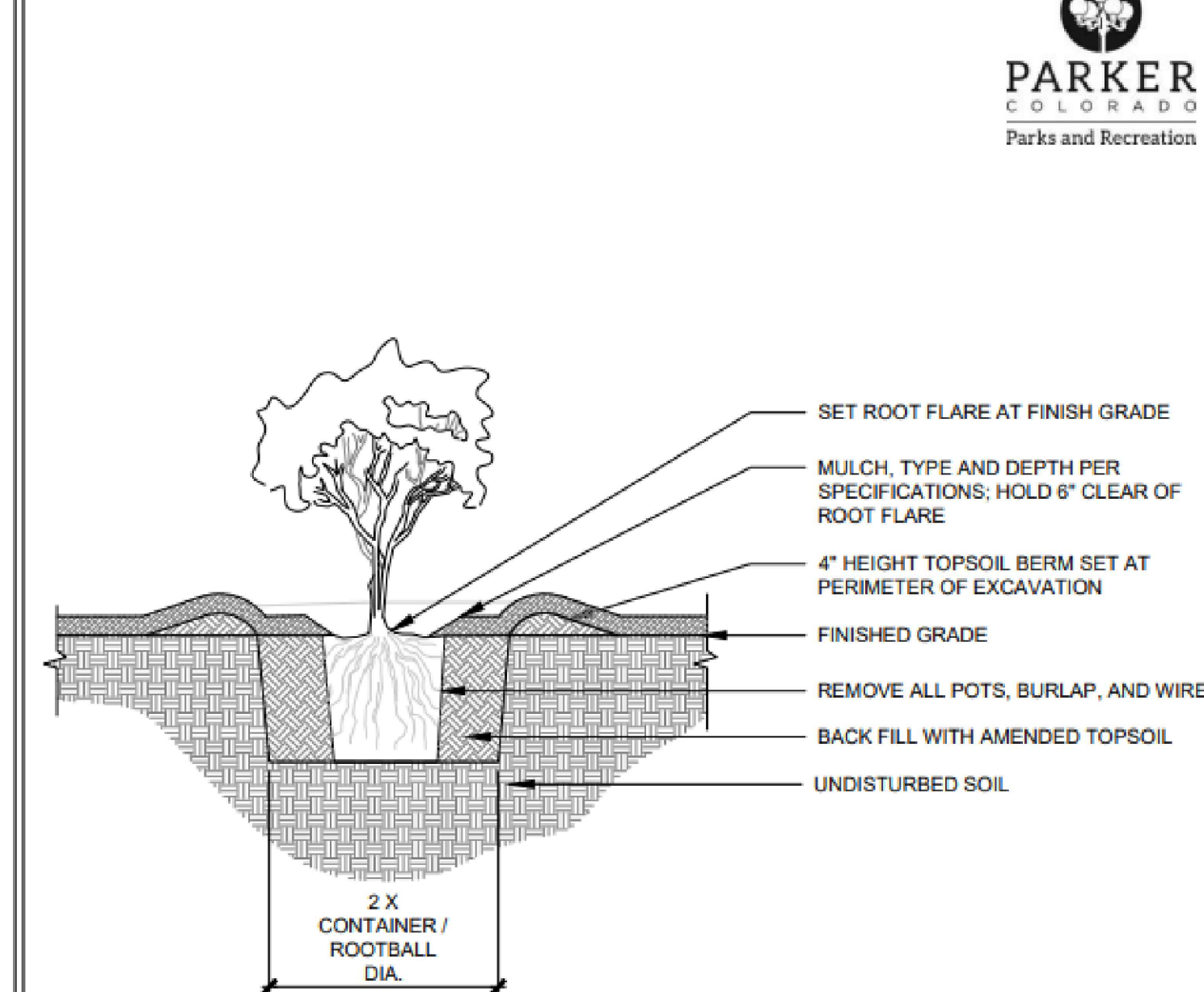
## TOWN OF PARKER STANDARD DETAILS



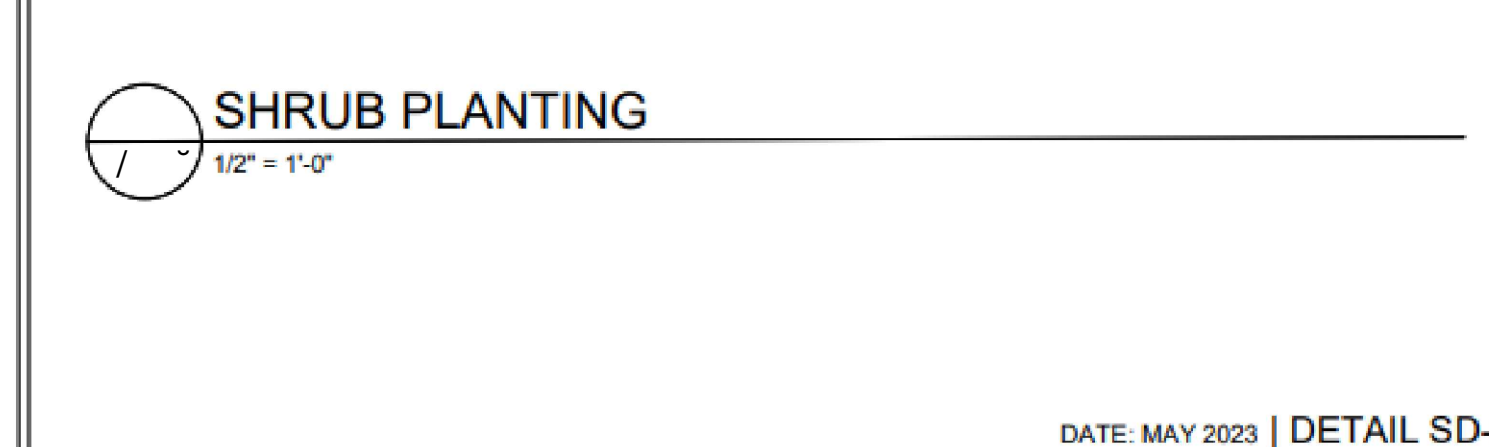
- NOTES:**
- EXCAVATE PLANTING HOLES WITH SLOPING SIDES. MAKE EXCAVATIONS AT LEAST THREE TIMES AS WIDE AS THE ROOT BALL DIAMETER AND NO DEEPER THAN THE DISTANCE FROM THE TOP OF THE ROOT BALL TO ALLOW FOR SETTLING. DO NOT DISTURB SOIL AT BOTTOM OF PLANTING HOLES, BUT DO SCORE THE SIDES OF THE PLANTING HOLE. THE PLANTING AREA SHALL BE LOOSENEED AND AERATED AT LEAST THREE TIMES THE DIAMETER OF THE ROOT BALL.
  - BACKFILL SHALL CONSIST OF APPROVED ON-SITE TOPSOIL BLENDED W/ COMPOST AMENDMENT. IF ON-SITE TOPSOILS ARE NOT APPROVED FOR USE, BACKFILL W/ IMPORTED TOPSOIL BLENDED WITH COMPOST AMENDMENT. REFER TO SPECIFICATION SECTION 329113 FOR ADDITIONAL INFORMATION.
  - TREES SHALL BE PLANTED WITH THE ROOT COLLAR/FLARE VISIBLE ABOVE GRADE AND TWO OR MORE STRUCTURAL ROOTS LOCATED WITHIN THE TOP 1" TO 2" OF THE ROOT BALL/FINISHED GRADE MEASURED 3" TO 4" FROM TRUNK. THIS INCLUDES TREES THAT ARE SET ON SLOPES (SEE SLOPE PLANTING DETAIL). TREES THAT DO NOT HAVE A VISIBLE ROOT COLLAR SHALL BE REJECTED. DO NOT COVER THE ROOT BALL WITH SOIL.
  - WHEN ROOT BALL WILL REMAIN INTACT, CUT OFF BOTTOM 1/4 OF WIRE BASKET BEFORE PLACING TREE IN HOLE. CUT OFF REMAINDER OF BASKET AFTER TREE IS SET IN HOLE. REMOVE BASKET COMPLETELY. AT A MINIMUM, THE TOP 2/3 OF THE BURLAP AND BASKET SHALL BE REMOVED FROM THE ROOT BALL ON ALL TREES. REMOVE ALL NYLON TIES, TWINE, ROPE AND BURLAP. REMOVE UNNECESSARY PACKING MATERIAL.
  - FORM SOIL INTO A 6" TALL WATERING RING (SAUCER) AROUND PLANTING AREA. THIS IS NOT NECESSARY IN IRRIGATED TURF AREAS. APPLY 4" DEPTH OF SPECIFIED MULCH OVER PLANTING AREA AND INSIDE SAUCERS, AWAY FROM TRUNK.
  - STAKING AND GUYING OF TREES IS OPTIONAL IN MOST PLANTING SITUATIONS. IN AREAS OF EXTREME WINDS, OR ON STEEP SLOPES, STAKING MAY BE REQUIRED TO STABILIZE TREES. STAKING AND GUYING MUST BE REMOVED WITHIN 1 YEAR OF PLANTING DATE.
  - TREE WRAP IS NOT TO BE USED ON ANY NEW PLANTINGS, EXCEPT IN LATE FALL PLANTING SITUATIONS, AND ONLY AFTER CONSULTATION WITH THE TOWN ARBORIST.
  - RESETTING OF IMPROPERLY PLANTED TREES WILL ONLY BE ALLOWED IF IT IS DETERMINED THAT DOING SO WILL IN NO WAY COMPROMISE THE ROOT BALL, AND SHALL ONLY BE DONE WITH APPROVAL OF THE TOWN ARBORIST.



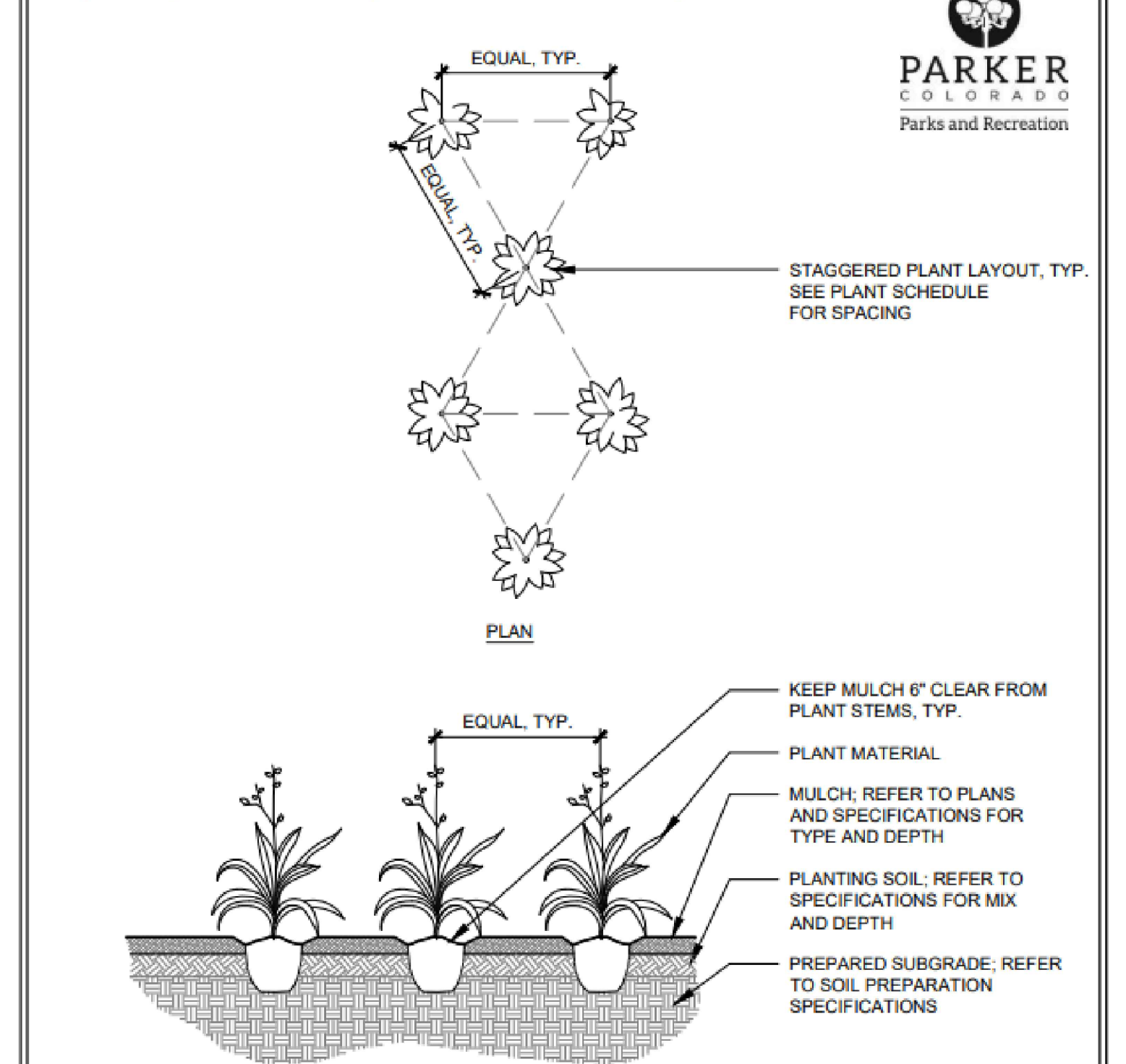
## TOWN OF PARKER STANDARD DETAILS



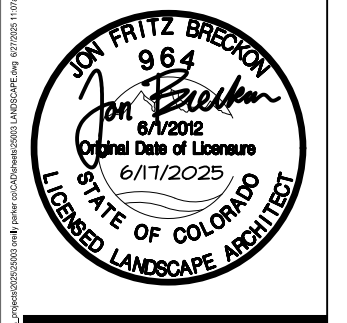
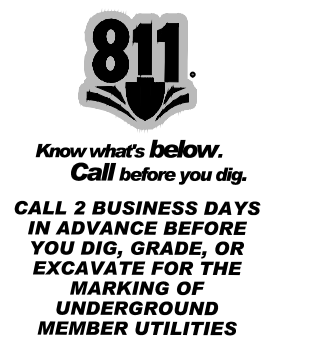
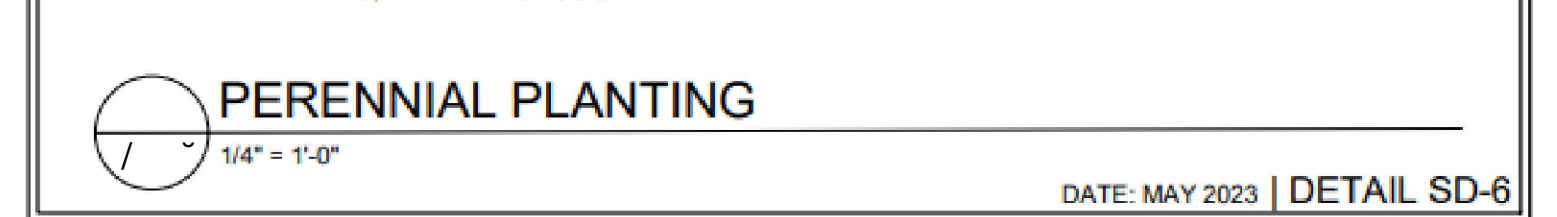
- NOTES:**
- PRUNE ALL DAMAGED, DISEASED OR WEAK LIMBS.
  - CLEARLY PRUNE ALL DAMAGED ROOT ENDS.
  - DO NOT ALLOW ROOTS TO DRY OUT DURING INSTALLATION PROCESS.
  - DEEP WATER AFTER PLANTING.



## TOWN OF PARKER STANDARD DETAILS



- NOTES:**
- WHEN BACKFILLING AROUND PLANTS, DO NOT ALLOW AIR POCKETS TO FORM.
  - AFTER PLANTING, WATER THOROUGHLY.



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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  
ST. LOUIS, MO 63102  
(417) 982-2674 TELEPHONE

COMM #	4884
DATE:	2-14-2025
REVISION	
DATE:	5-2-2025
	7-1-2025

# IRRIGATION NOTES

- SYSTEM DESIGN BASED ON THE ASSUMPTION OF THE AVAILABILITY OF 14 G.P.M. WITH 65 P.S.I. AT THE SOURCE AND 45 P.S.I. AT THE HEADS.
- ALL LATERAL LINES THAT ARE NOT LABELED SHALL BE 3/4" DIAMETER.
- 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.
- COORDINATE ALL IRRIGATION INSTALLATION OPERATIONS WITH CIVIL, MECHANICAL, AND ELECTRICAL ENGINEERING SHEETS.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION CONDUIT AND SLEEVES UNDER HARD SURFACES WITH RESPECTIVE CONTRACTORS.
- 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 TAPERED 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.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED FOR THIS WORK.
- 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.
- 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.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ROCK AND DEBRIS BROUGHT TO THE SURFACE AS A RESULT OF TRENCHING OPERATIONS.
- CONTRACTOR SHALL REFER TO SPECIFICATIONS AND DETAIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- 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.
- INSTALLATION SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL LAWS AND ORDINANCES.
- IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE AS-BUILT DRAWING IN PDF FORMAT UPON COMPLETION OF INSTALLATION AND PRIOR TO FINAL PAYMENT.
- 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 AND REPLACEMENT OF ANY DEFECTS OCCURRING WITHIN THAT ONE YEAR SHALL BE FREE OF EXPENSE TO THE OWNER.
- AS PART OF THIS CONTRACT, PERFORM AT NO EXTRA COST WINTERIZATION AND SPRING START UP OF THE SYSTEM DURING THE GUARANTEE PERIOD (1 YEAR).
- 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.
- IRRIGATION CONTRACTOR SHALL MAKE NECESSARY MINOR FIELD ADJUSTMENTS TO SPRINKLER NOZZLES, SPRINKLERS, PIPE, AND OTHER IRRIGATION EQUIPMENT LOCATIONS TO FIT THE 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.
- 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.
- BASE PLAN AND LOCATION OF EXISTING EQUIPMENT ARE SCHEMATIC IN NATURE. FIELD VERIFY ALL BASE AND EXISTING IRRIGATION ELEMENTS AND CONDITIONS PRIOR TO CONSTRUCTION AND PROVIDE NECESSARY ADJUSTMENTS.
- 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.
- ALL MAIN LINE FITTINGS SHALL BE SCHEDULE 40 SOLVENT WELD TYPE UNLESS NOTED FOR LATERAL SERVICE.
- IN THE EVENT OF A DISCREPANCY, IMMEDIATELY NOTIFY THE DESIGN PROFESSIONAL.
- 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

- 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 10/L2.5. THE CONTRACTOR IS RESPONSIBLE TO INSTALL THE DRIP SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS AND THE FOLLOWING REQUIREMENTS:
  - 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").
  - A MANUAL BASKET FILTER SHALL BE INSTALLED ON EACH ZONE SEE DETAIL 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.
  - ALL ZONES SHALL BE INSTALLED WITH A MANUAL LINE FLUSHING VALVE. INSTALL WITH COLLAR. SEE DETAIL 2/L2.0.
  - ALL TUBING SHALL BE STAKED DOWN WITH T156 SIX INCH (6") SOIL STAPLES EVERY 3'-5' PLUS TWO ON EACH TEE, ELBOW OR CROSS.
- 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.
- 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)
- 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. 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.

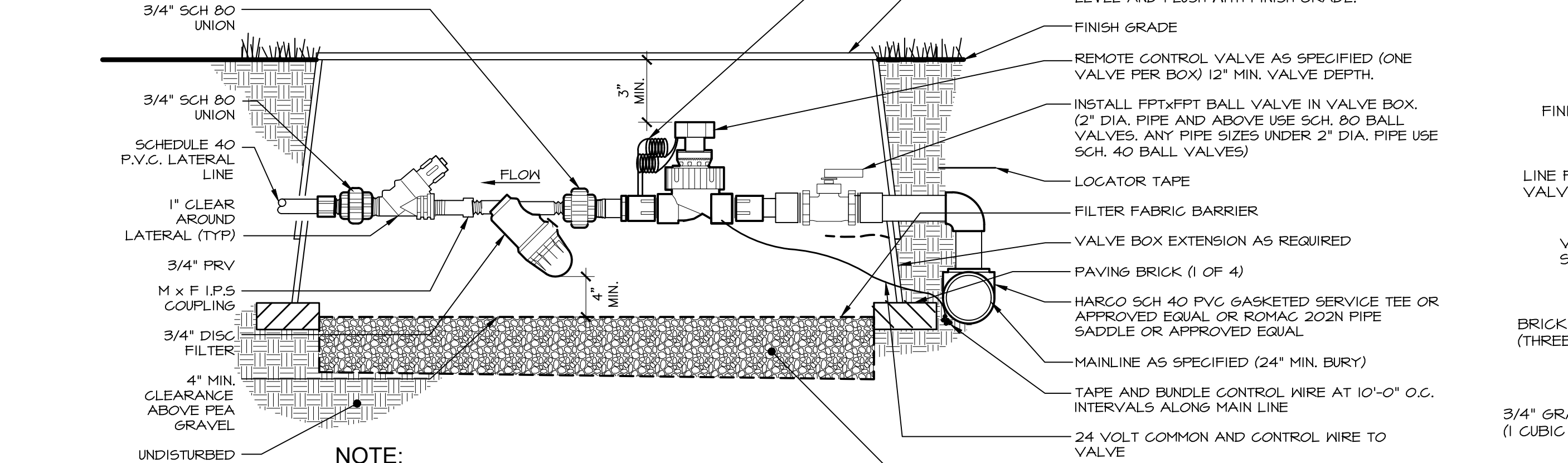
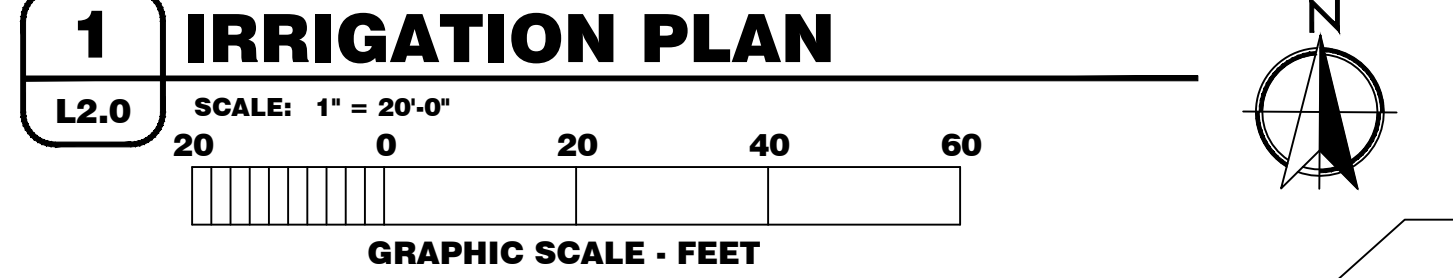
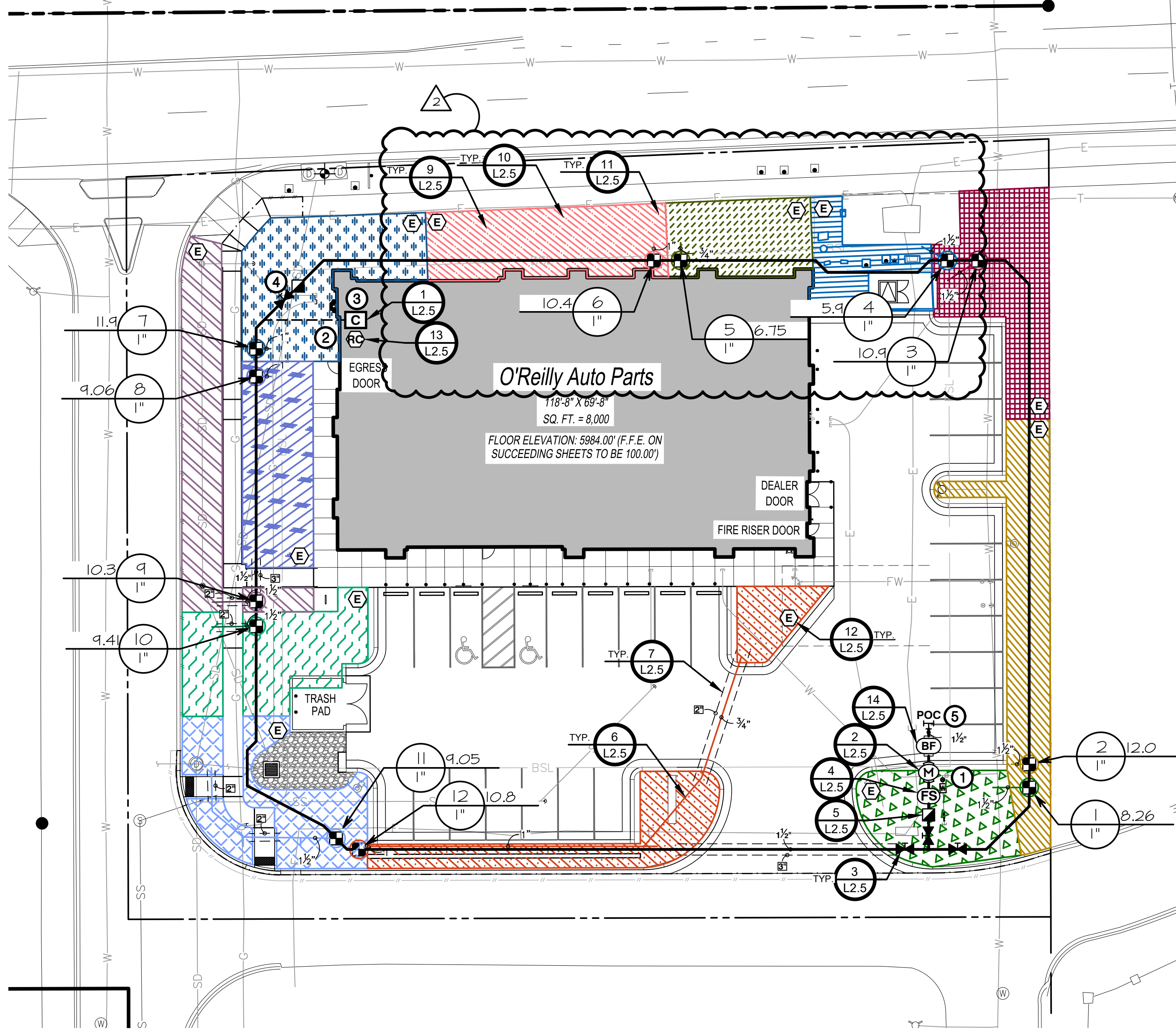
# SYSTEM OPERATIONAL NOTES

**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. CONTROLLER SETTINGS 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. (6 CYCLES MINIMUM SPACED EVENLY THROUGHOUT WATER WINDOW AS NOTED ABOVE)  
SPRAY ZONES: TURF - 5 MINUTE CYCLES.

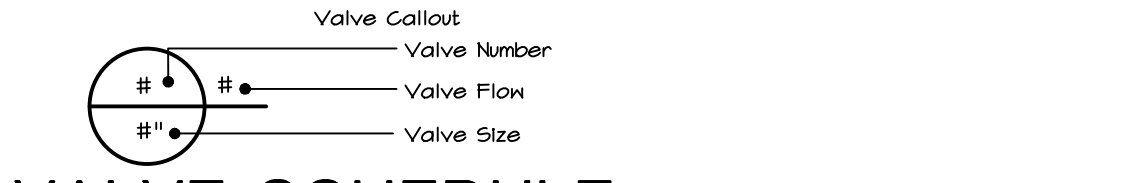
**SYSTEM BALANCING:**  
AS THE SYSTEM OPERATES, SOME ZONES WILL BE WET WHILE OTHERS ARE DRY. ADJUST ONLY THOSE STATIONS WHICH REQUIRE ADDITIONAL OR LESS WATER. FOR EXAMPLE, IF STATION T51, A 15' TURF SPRAY ZONE IS ALWAYS DRY, CHANGE THE STATION T51 RUN TIME FROM FIFTEEN (15) MINUTES TO SIXTEEN (16) MINUTES.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



**1 REMOTE CONTROL VALVE WITH 3/4" FILTER**  
NOT TO SCALE

# IRRIGATION SCHEDULE

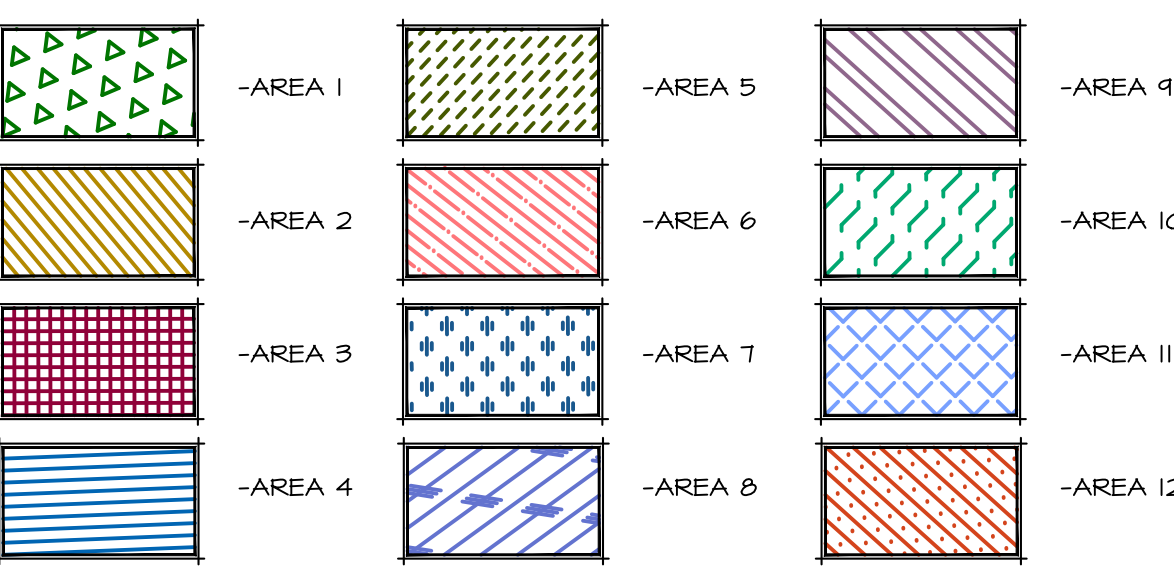
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
■	Hunter ICZ-101-25-LF Drip Control Zone Kit, In. 1CV Globe Valve with In. HY100 Filter system. Pressure Regulation 25psi. Flow Range: 5 GPM to 15 GPM. 150 mesh stainless steel screen. See Detail 1/L2.0
SEE DRIP MATERIAL LEGEND	Area to Receive Drip Line Hunter HDL-06-12-CV 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 8-1/L2.5
■	Hunter HQ-5RC Quick coupler valve, yellow rubber cover, red brass and stainless steel, with In. NPT inlet, 1-piece body. See Detail 5/L2.5
■	Mueller Brass Valve or approved equal. Threaded. See Detail 3/L2.5
M	Hunter ICV-6-FS Size to match mainline. Plastic Electric Master Valve, Globe Configuration, with NPT Threaded Inlet/Outlet, for commercial/Multiphas. With Filter Sentry Factory Installed Option. See Detail 3/L2.5
BF	Zurn 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
RC	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 and/or Solis 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 1/2"
---	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
---	1/2" 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.



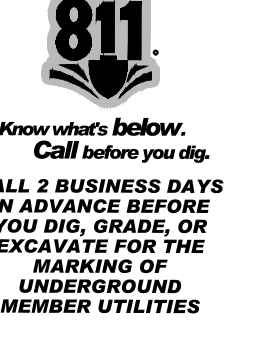
# VALVE SCHEDULE

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	10.90
4	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	5.90
5	Hunter ICZ-101-25-LF-R	1"	Area for DripLine	6.15
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	10.33
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	10.74

# DRIP MATERIAL LEGEND



**2 MANUAL LINE FLUSHING VALVE PLUMBED TO TUBING**  
NOT TO SCALE



# CALLOUT LEGEND

- CONNECT NEW 1/2" MAINLINE TO SERVICE IN THIS APPROXIMATE LOCATION (FIELD VERIFY). SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.
- 2" WIRE SLEEVE. ROUTE TO CONTROLLER LOCATION PER LOCAL CODES AS REQUIRED.
- 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.
- EXTEND EXTRA WIRES TO THIS POINT. COIL APPROXIMATELY 24" LENGTH OF EXTRA WIRES IN SEPARATE VALVE BOX AT THIS LOCATION.
- 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: 25 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

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

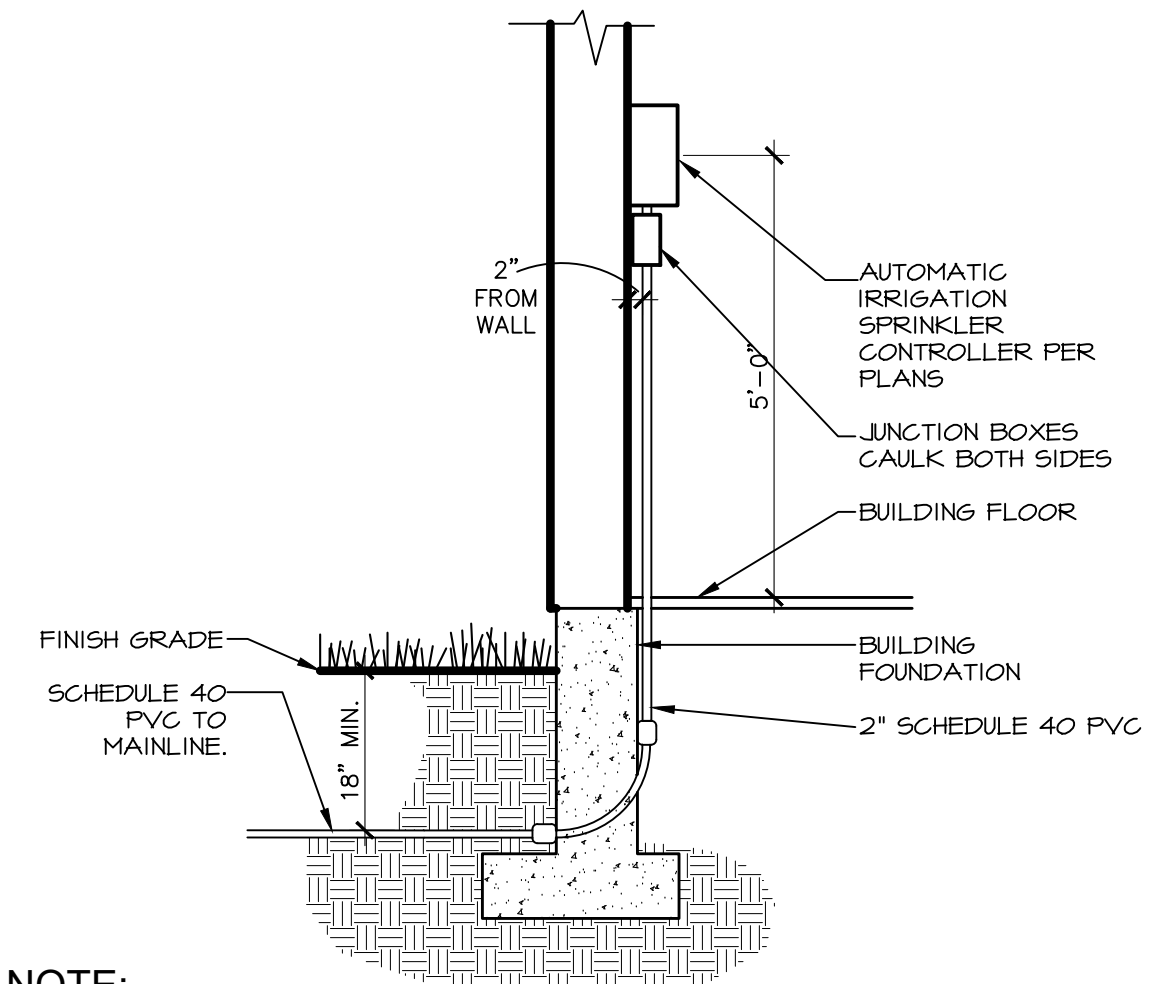
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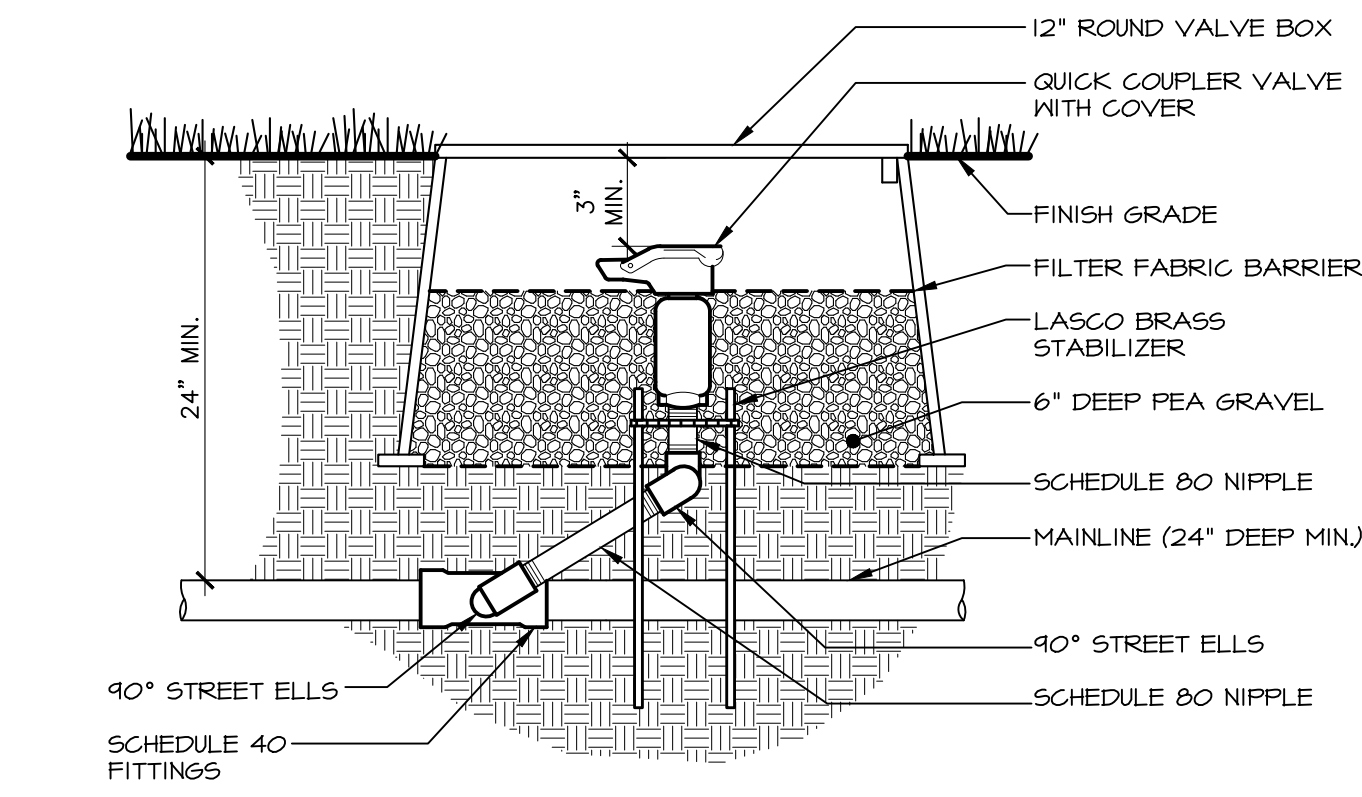
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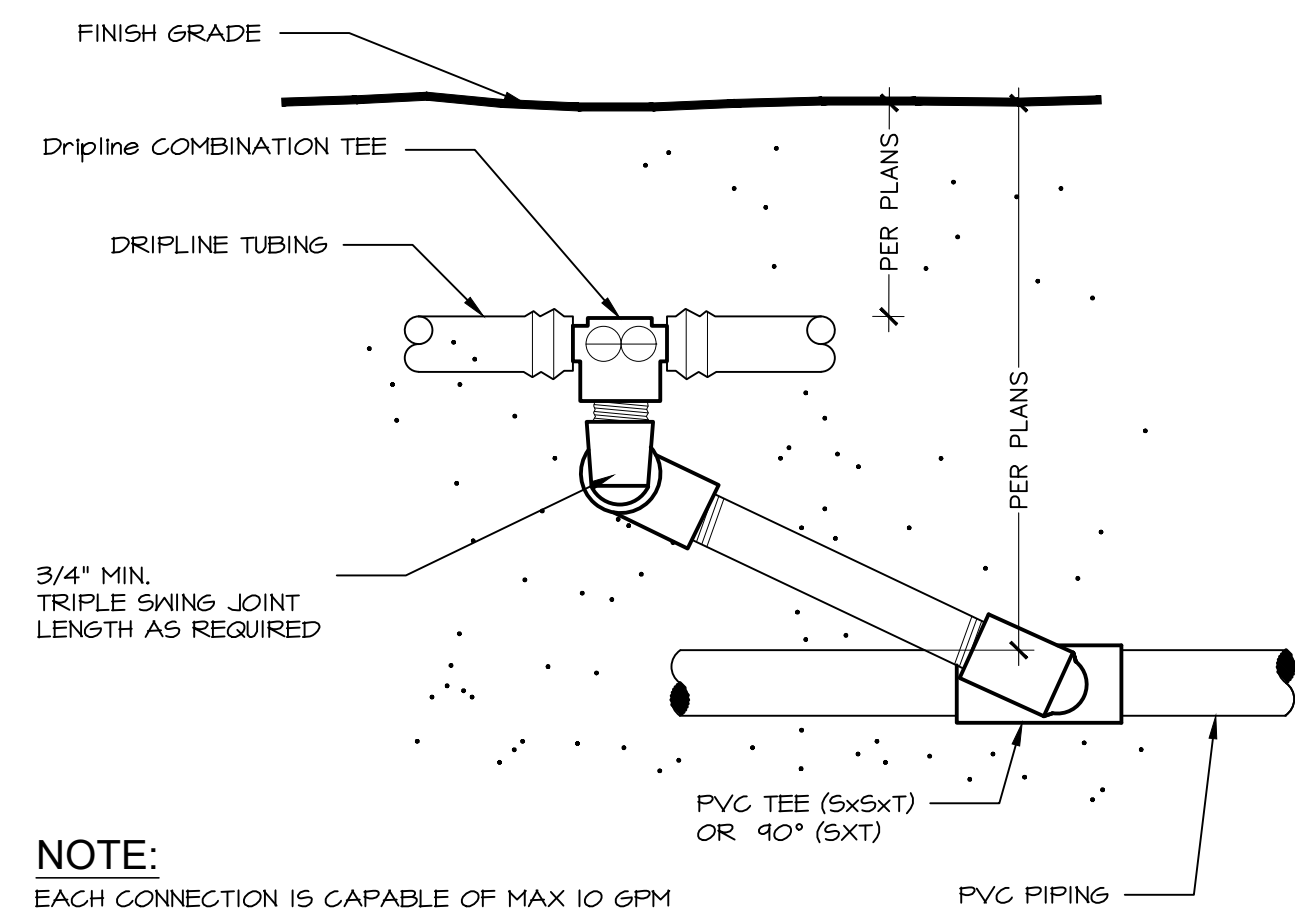
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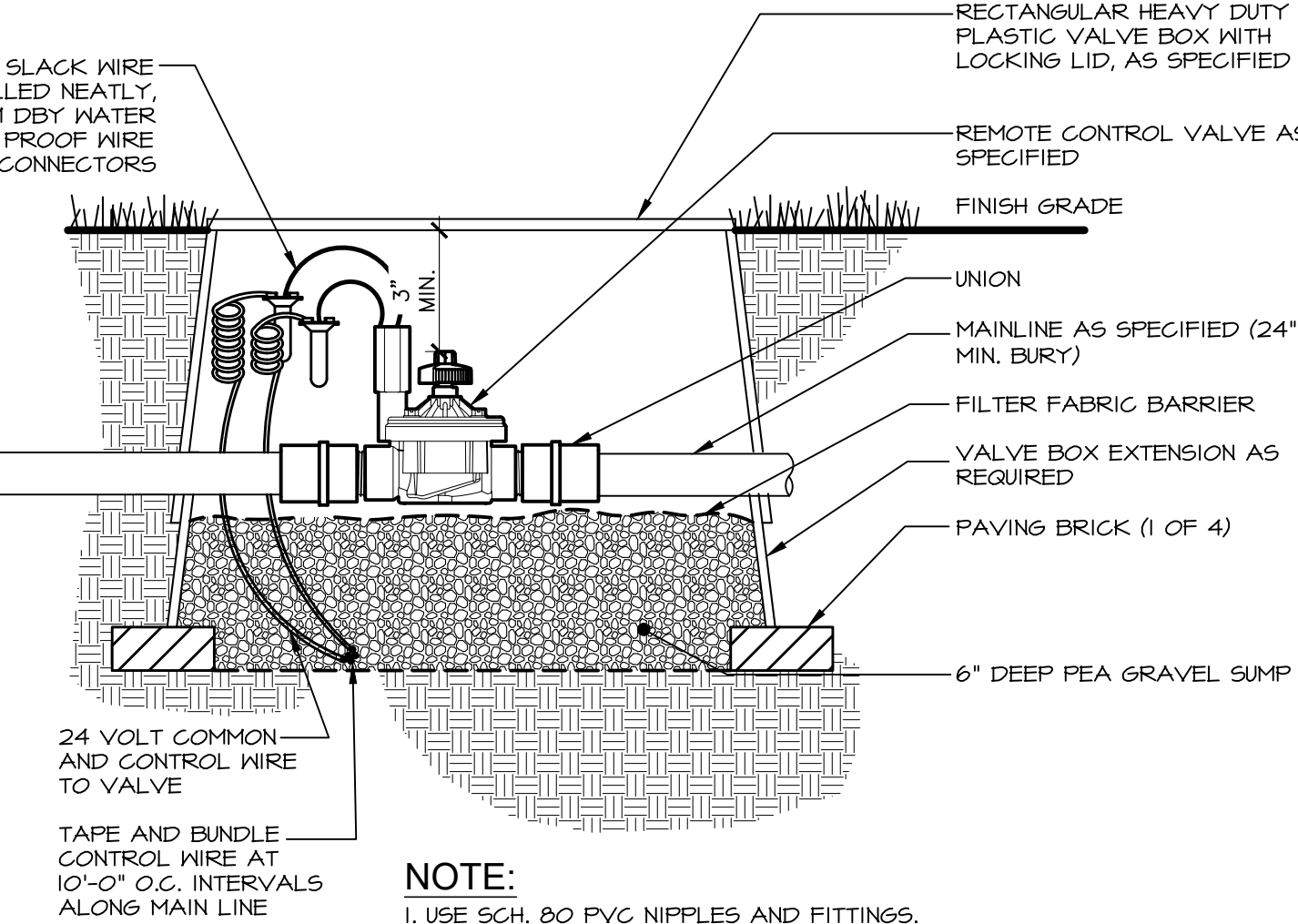
**1 AUTOMATIC IRRIGATION CONTROLLER**  
NOT TO SCALE



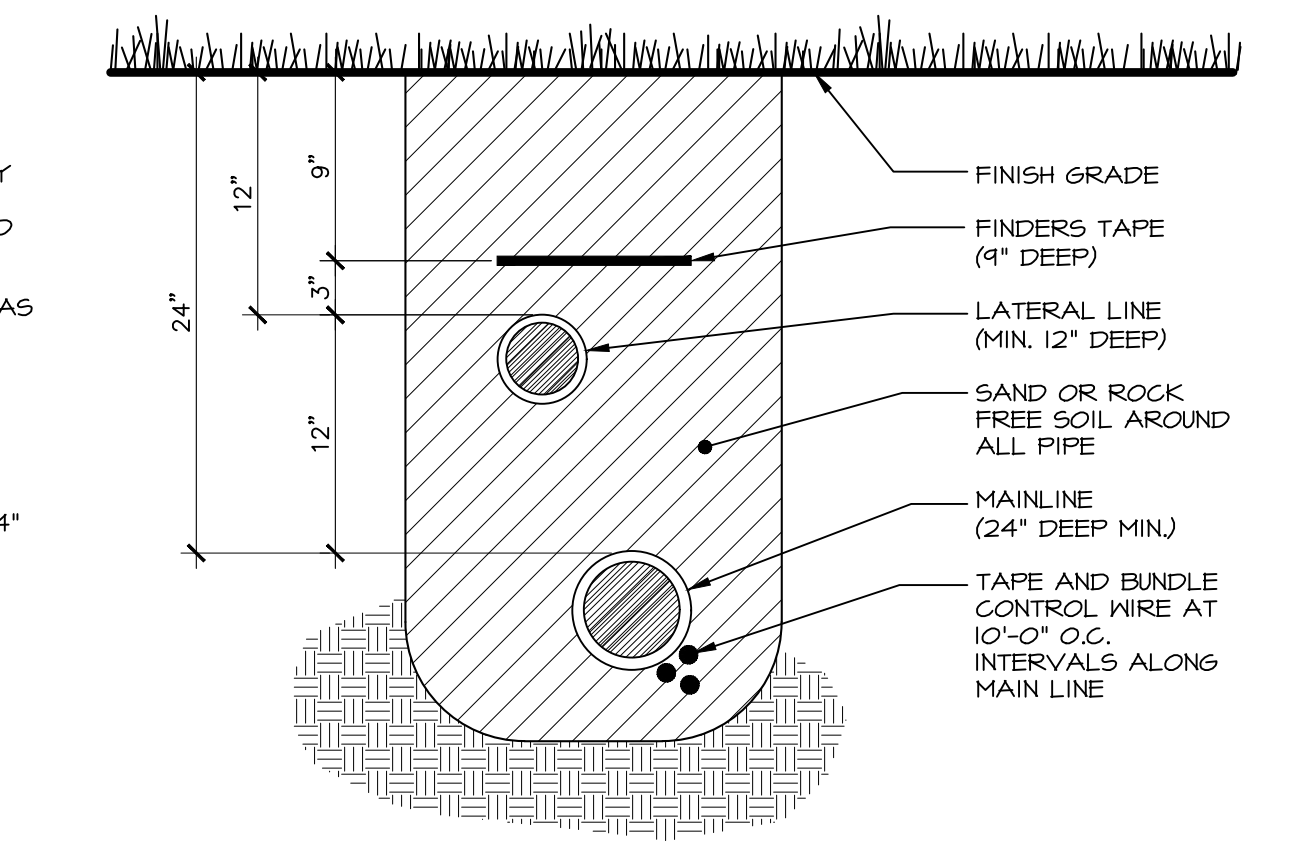
**5 QUICK COUPLER VALVE**  
NOT TO SCALE



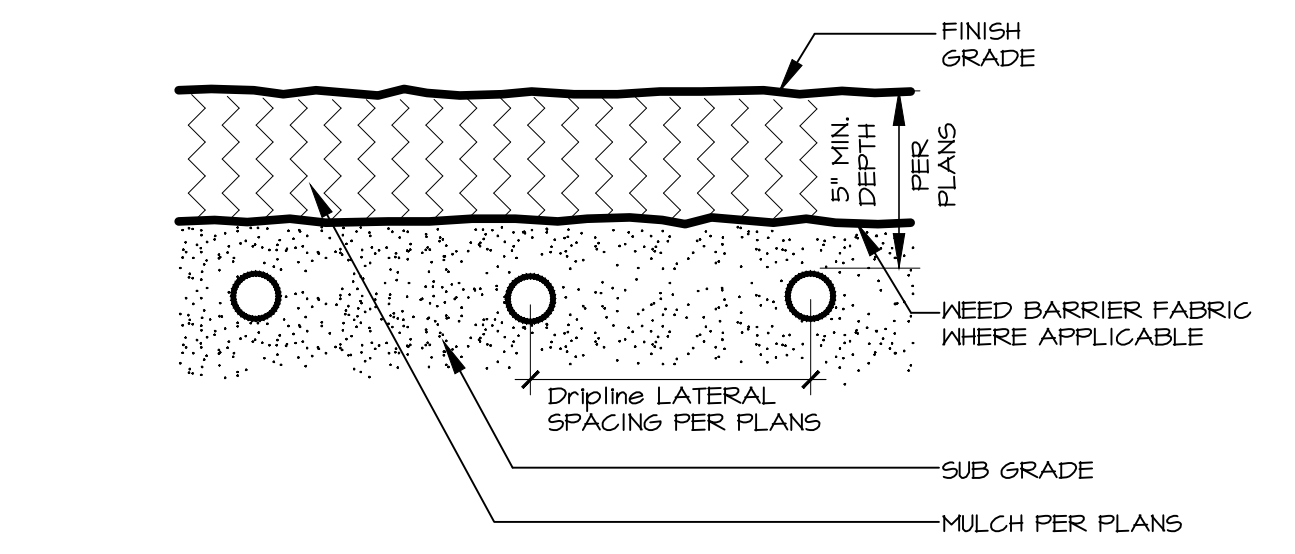
**8 DRIPLINE START CONNECTION**  
NOT TO SCALE



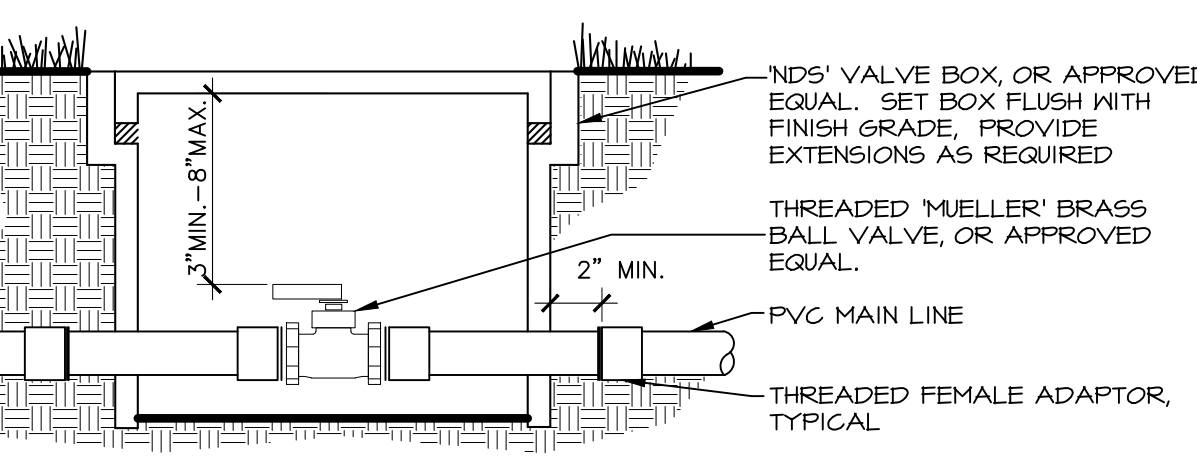
**2 MASTER VALVE**  
NOT TO SCALE



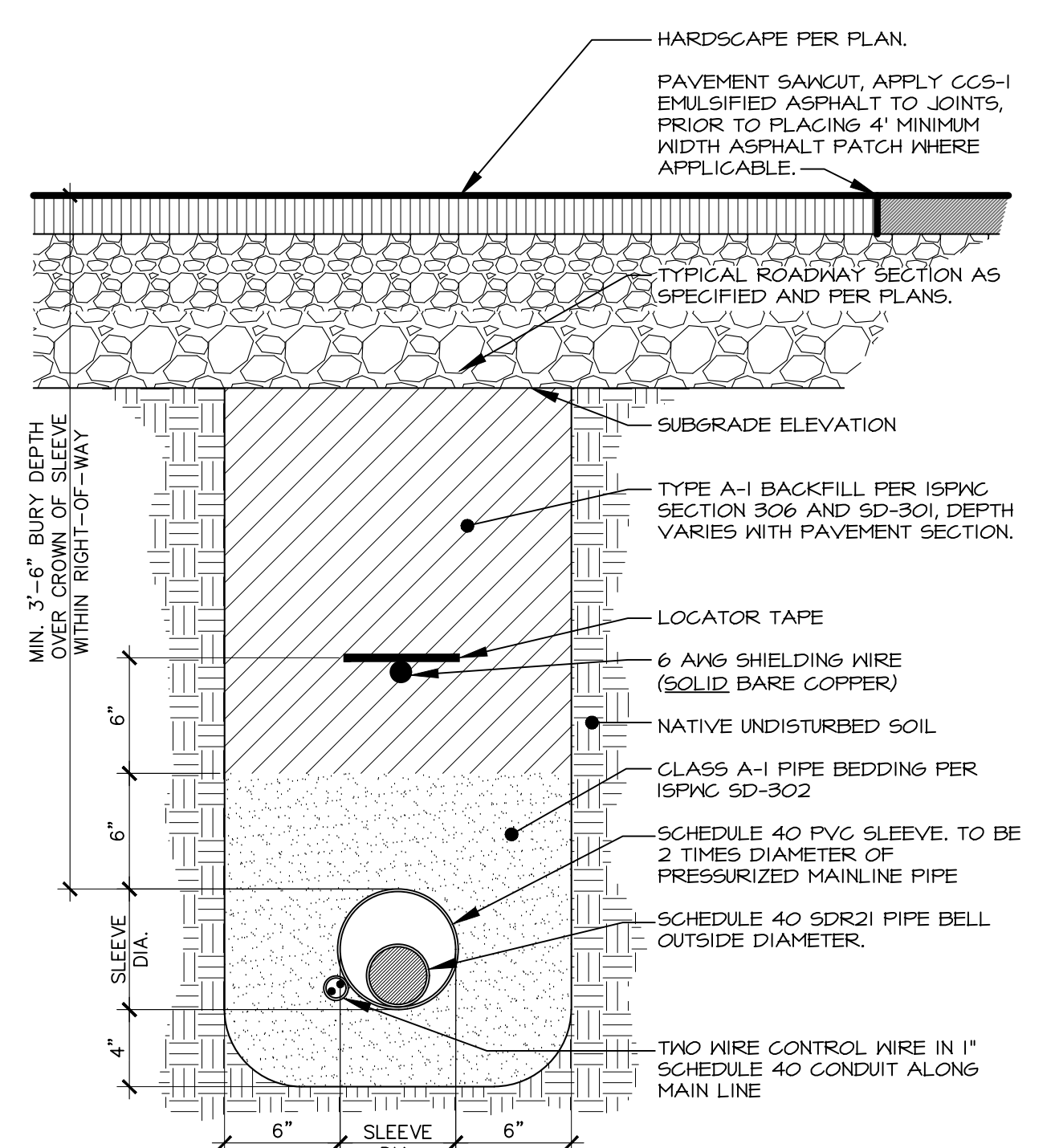
**6 TRENCH SECTION**  
NOT TO SCALE



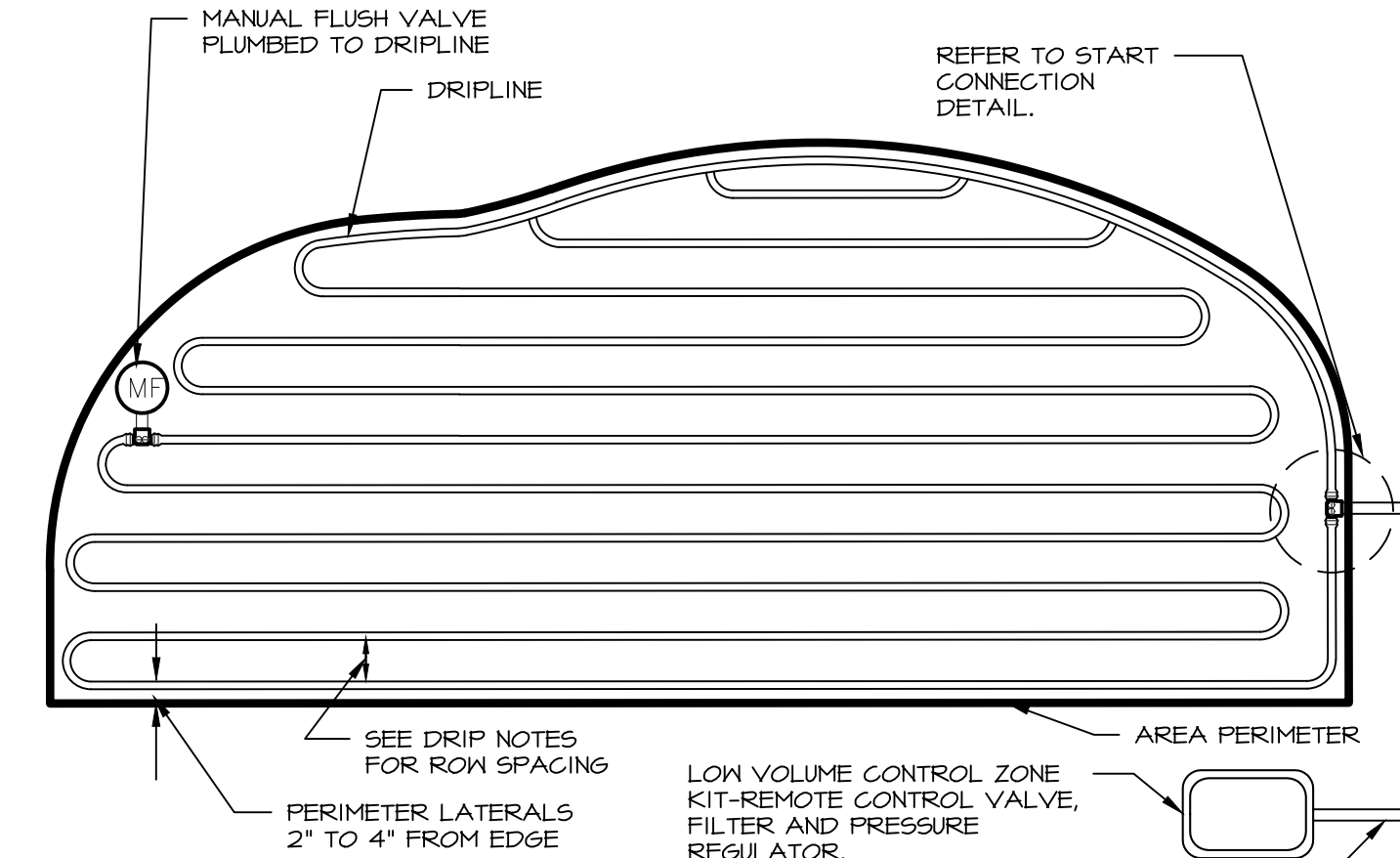
**9 DRIPLINE SUBGRADE INSTALLATION**  
NOT TO SCALE



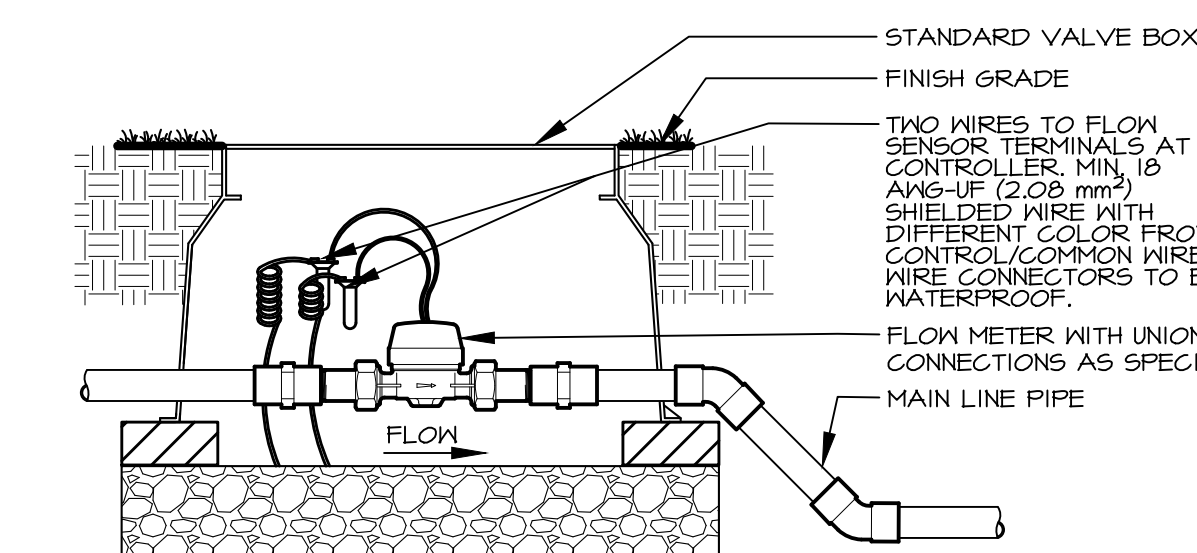
**3 ISOLATION VALVE**  
NOT TO SCALE



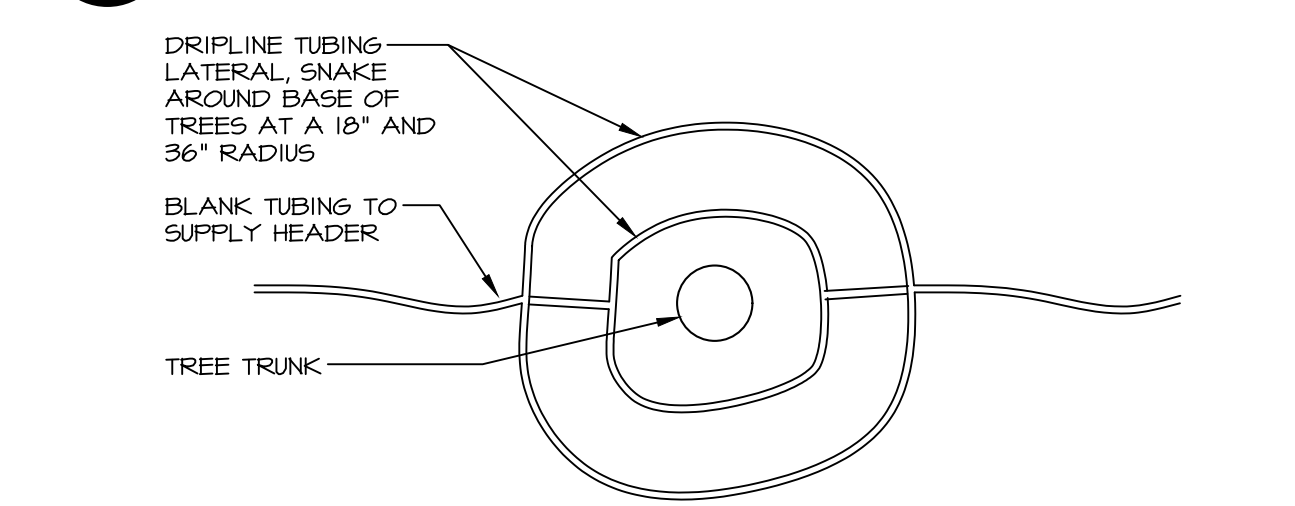
**7 HARDSCAPE CROSSING TRENCH SECTION**  
Scale: 1/12" = 1'-0"



**10 DRIPLINE LAYOUT**  
NOT TO SCALE



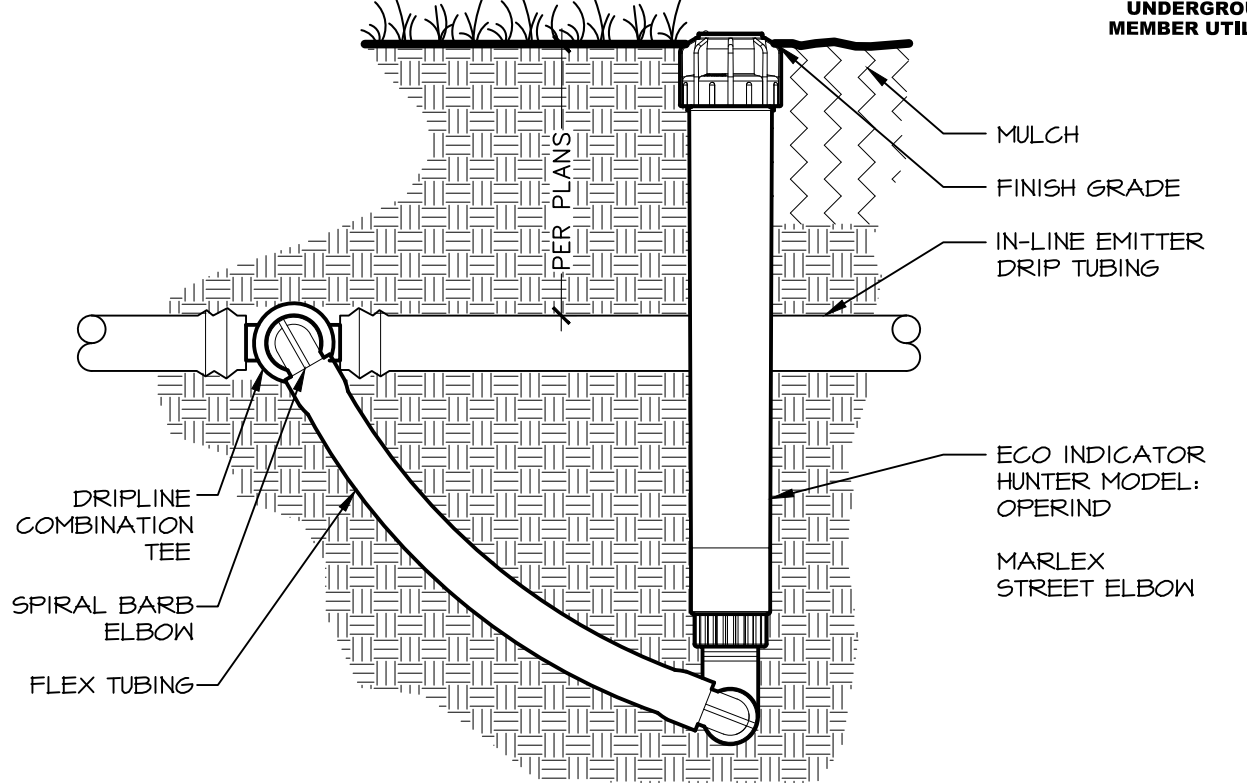
**4 FLOW METER**  
Scale: NTS



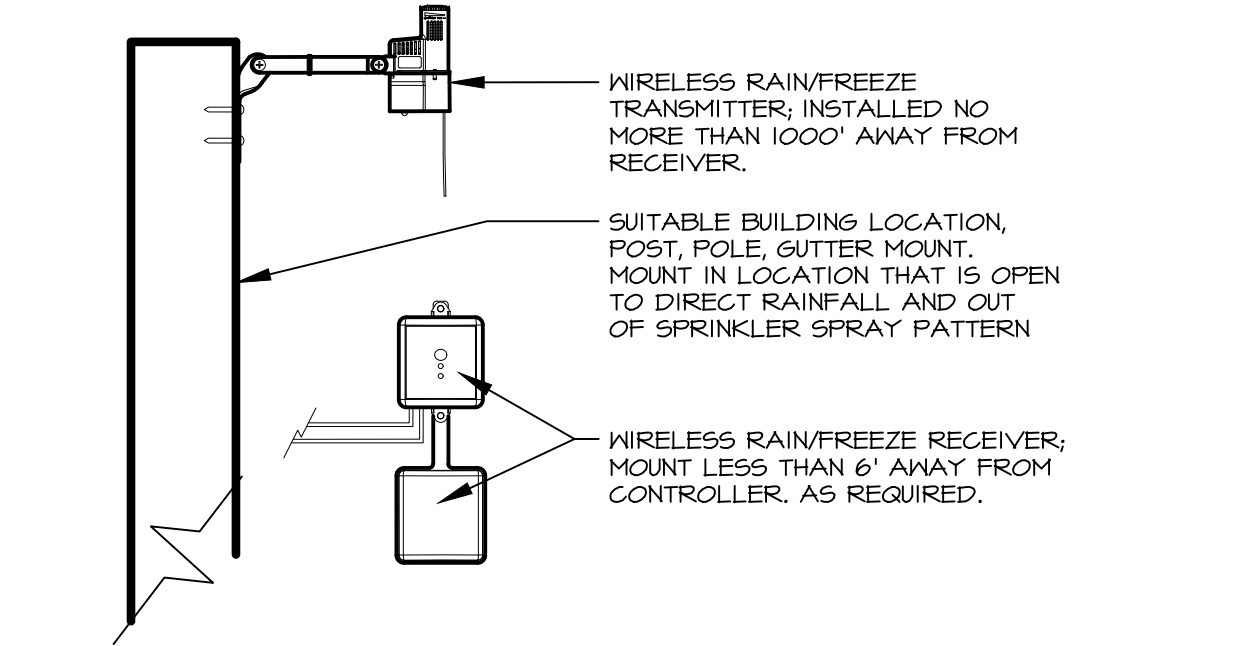
**11 DRIPLINE LAYOUT AT TREES**  
NOT TO SCALE



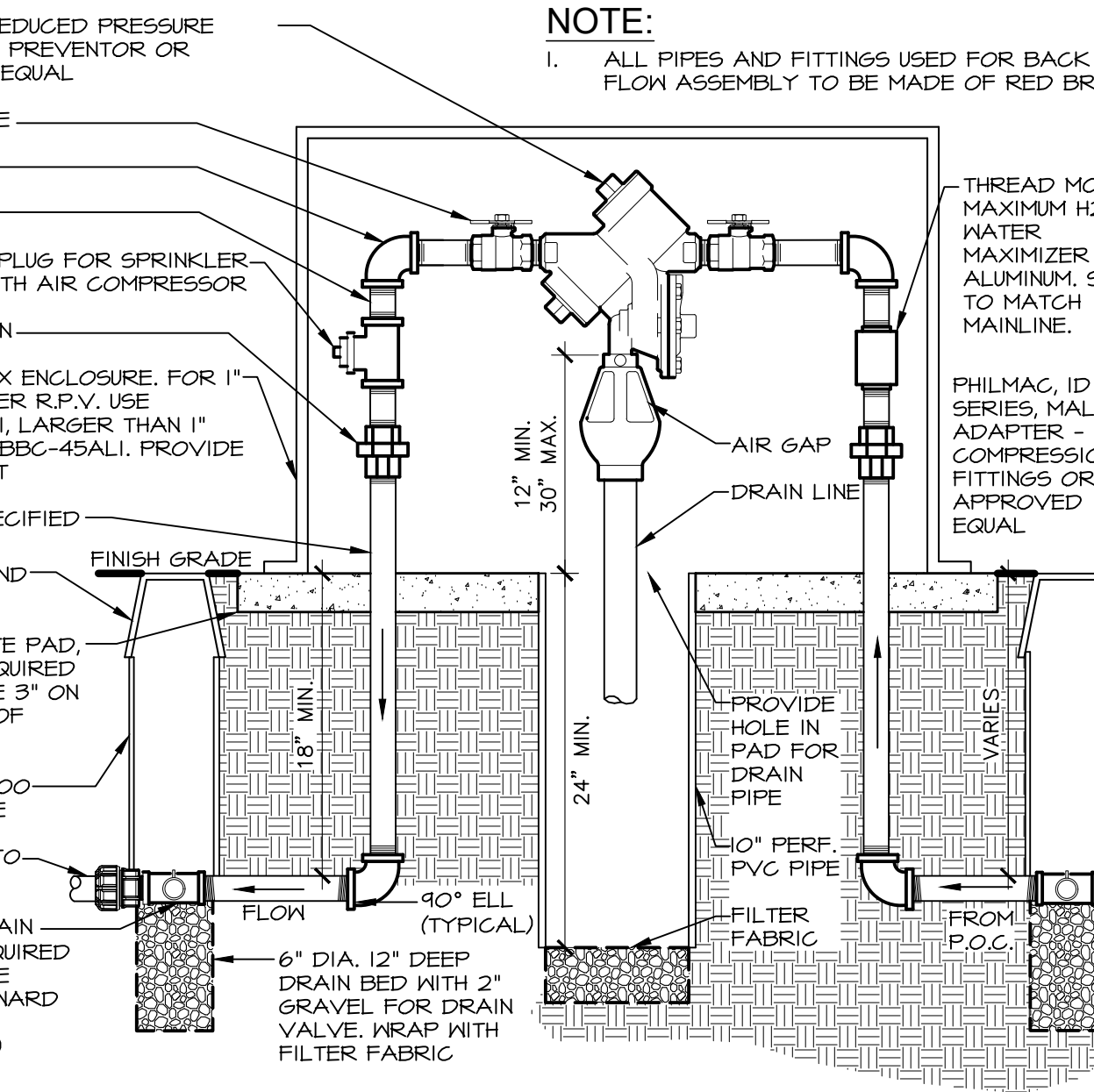
**14 REDUCED PRESSURE BACK FLOW PREVENTER**  
NOT TO SCALE



**12 ECO INDICATOR**  
NOT TO SCALE



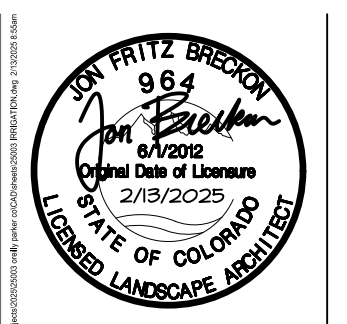
**13 WIRELESS RAIN/FREEZE CLIK SYSTEM**  
Scale: NTS



**14 REDUCED PRESSURE BACK FLOW PREVENTER**  
NOT TO SCALE



**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.



**TIMOTHY M. GUILLOT**  
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1736 East Sunshine, Suite 417  
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e-mail: architect@estertyschneider.com

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

**O'Reilly AUTO PARTS**  
CORPORATE OFFICES  
233 SOUTH PATTERSON  
STYLING HOUSE  
(417) 682-2674 TELEPHONE

COMM # 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: noreilly@sourceonesolutions.com PHONE: 314-499-6400				
MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	MOUNTING			LAMPS		WATTAGE	NOTES	FIXTURE QUANTITY
					SURFACE WALL	SURF. CEILING	OTHER	TYPE	QUANTITY			
LED EXTERIOR LIGHTS												
WS1	LSI	XWM-FT-LED-06L-50-UE-BRZ NO SUBSTITUTIONS	120	DARK BRONZE	X			X		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		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	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
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			Wattage
			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	2922	125	B1-U0-G1	3088	137	B1-U0-G1	3068	137	B1-U0-G1	22.6
	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	29.5
	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	44.7
	3	70	5399	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	118	B2-U0-G2	7993	129	B2-U0-G2	7993	129	B2-U0-G2	62.0
	3	70	7123	115	B1-U0-G2	7437	120	B1-U0-G2	8138	131	B2-U0-G2	8138	131	B2-U0-G2	
	FT	70	7035	113	B1-U0-G2	7345	118	B2-U0-G2	8037	130	B2-U0-G2	8037	130	B2-U0-G2	
12L	2	70	10616	103	B2-U0-G2	10979	107	B3-U0-G3	12014	118	B3-U0-G3	12014	118	B3-U0-G3	102.2
	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**

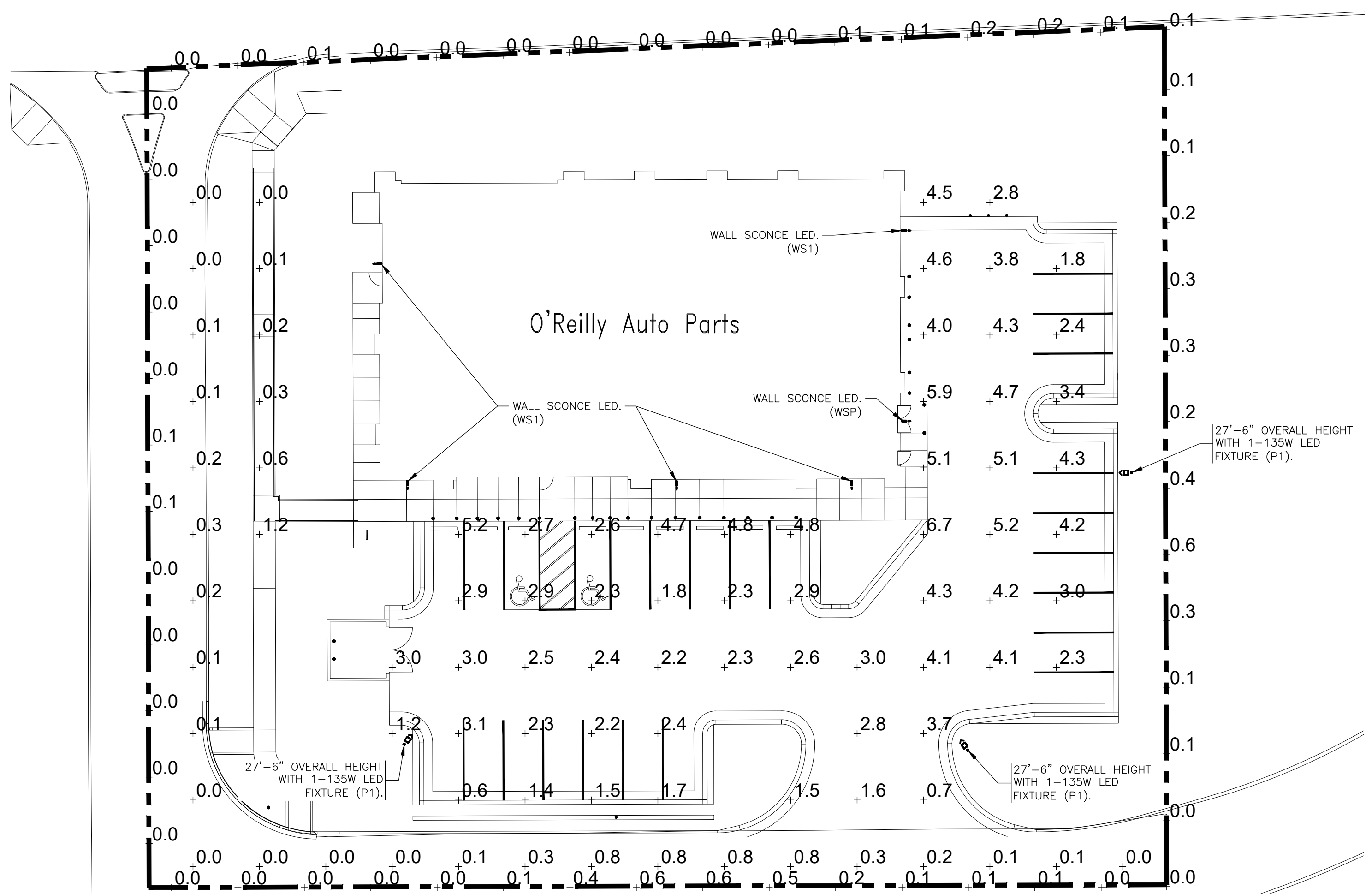
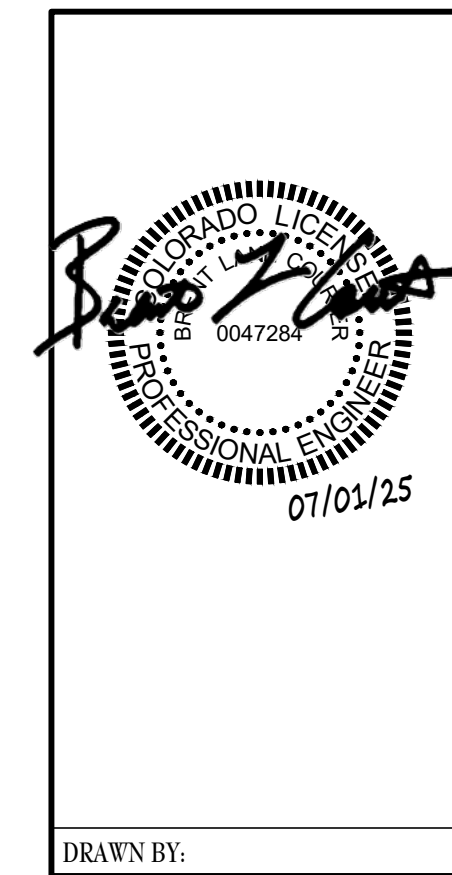
COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:

- 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.)

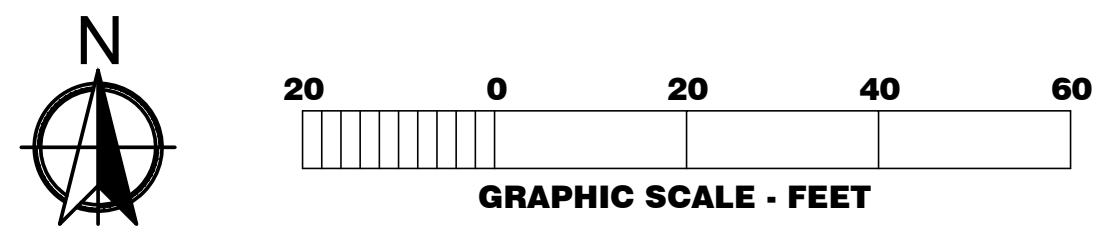
- RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.



07-01-25

CIVIL PLAN  
CHANGE NO  
CHANGE TO MPE  
SYSTEMS.

**SITE LIGHTING PHOTOMETRICS**  
SCALE: 1"=20'



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


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

COMM # 4884  
DATE: 02-14-2025  
REVISION  
DATE: 05-02-25  
07-01-25

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Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_ Type: \_\_\_\_\_

## Mirada Medium (MRM) Outdoor LED Area Light



IP66 IK08

OVERVIEW	
Lumen Package	7000 - 48000
Wattage Range	48 - 401
Efficacy Range (LPW)	117 - 160
Weight (lb/kg)	30 (13.6)

**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 provide 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.

**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.
- 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.
- 3G 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/DLC](http://www.designlights.org/DLC) to confirm which versions are qualified.
- Paraflex Silicone Optics (US Patent NO. 10,586,165 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.lsiinc.com  
 (513) 372-3200 • ©2020 LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice.

Page 1/9 Rev. 09/08/21 SPEC.1048.A.0630

Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_ Type: \_\_\_\_\_

## Mirada Medium Outdoor LED Area Light

IP66 IK08

**ORDERING GUIDE**

Back to Quick Links

Typical Order Example: **MRM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire	Light Source	Lumen Package	Light Source	Distribution	Orientation	Voltage	Driver
MRM - Mirada	LED	7L - 7,000 lms 8L - 8,000 lms 9L - 9,000 lms 12L - 12,000 lms 15L - 15,000 lms 18L - 18,000 lms 24L - 24,000 lms 30L - 30,000 lms 36L - 36,000 lms 42L - 42,000 lms 48L - 48,000 lms Custom Lumen Packages*	SL - Silicone 2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive AM - Automotive Merchandise	Blank - None BRZ - Dark Bronze GMS - Gun Metal Gray GPF - Graphite MSV - Metallic Silver PFP - Platinum Plus SWS - Satin White Green WHT - White	Blank - None INT - Integral House Side Shield† IL - Integral Lower (Sharp Spot Light Cutoff)	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V) DIM - 0-10V Dimming (0-100%)	

**Color Temp** 7000K - 70 CRI

**Color Rendering** BLK - Black  
BRZ - Dark Bronze  
GMS - Gun Metal Gray  
GPF - Graphite  
MSV - Metallic Silver  
PFP - Platinum Plus  
SWS - Satin White Green  
WHT - White

**Finish** Blank - None

**Options** Blank - None

**Controls (House Side)**

Blank - None  
ALS - Atrium SpaSense Control System  
ALS2 - Atrium SpaSense Control System (Heat / Sauna)  
ALS3 - Atrium SpaSense Control System with 15-20' Motion Sensor  
ALS200 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS201 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS202 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS203 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS204 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS205 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS206 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS207 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS208 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS209 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS210 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS211 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS212 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS213 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS214 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS215 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS216 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS217 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS218 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS219 - Atrium SpaSense Control System with 12-20' Motion Sensor  
ALS220 - Atrium SpaSense Control System with 12-20' Motion Sensor

**Lumen Linealight Controls**

LLC - Linealight Integral Wireless Radio Control by Lutron®  
 LLCS - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS2 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS3 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS4 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS5 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS6 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS7 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS8 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS9 - Linealight Integral Wireless Radio Control and PIR Motion®  
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 LLCS14 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS15 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS16 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS17 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS18 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS19 - Linealight Integral Wireless Radio Control and PIR Motion®  
 LLCS20 - Linealight Integral Wireless Radio Control and PIR Motion®

**Button Type Products**

PT010 - 120V  
PT020 - 277V  
PT030 - 277V  
PT040 - 277V  
PT050 - 277V  
PT060 - 277V  
PT070 - 277V  
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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
	6-24-25

### EXTERIOR FINISH SCHEDULE

**PORTLAND CEMENT STUCCO**  
**KEY NOTE NO. 1A:**  
 MFG: STUCCO 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 30 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)**  
**KEY NOTE NO. 2C:**  
 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 PAINT  
 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: KYNAR 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 "CONFLX XL" SMOOTH ELASTOMERIC A5-400 (NO LESS THAN 5.7 MILS EACH COAT)

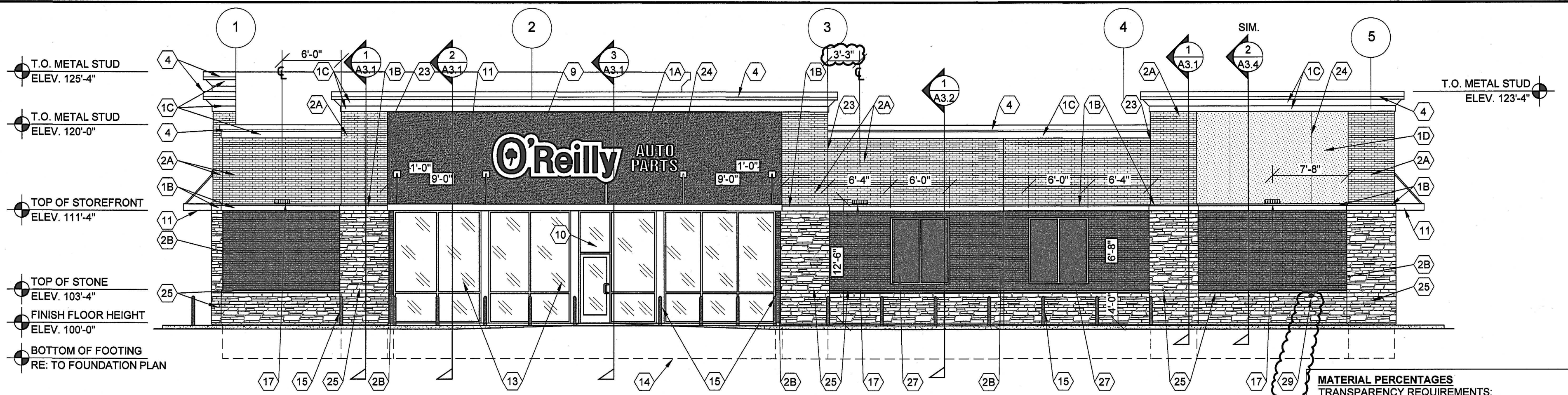
**STONE VENEER SILL**  
**KEY NOTE 25:**  
 TYPE: STONE VENEER  
 MFG: CORONADO STONE  
 FINISH: SNAPPED EDGE  
 COLOR: BUFF

### 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.

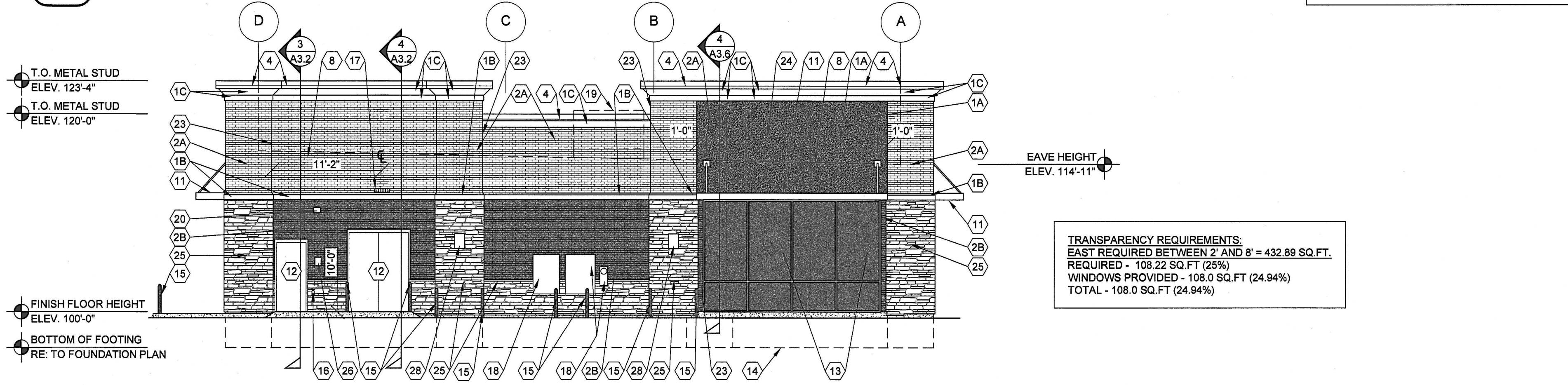
### KEY NOTES

- (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): PRE-ENGINEERED INTERNAL METAL GUTTER PER METAL BUILDING MANUFACTURER AND PVC D.S. (BY CONTRACTOR). REFER TO PLUMBING FOR MORE INFORMATION.
- (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 8" 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)
- (29) WALL-MOUNTED SIAMESE FIRE DEPARTMENT CONNECTION. REFER TO FIRE PROTECTION PLAN.



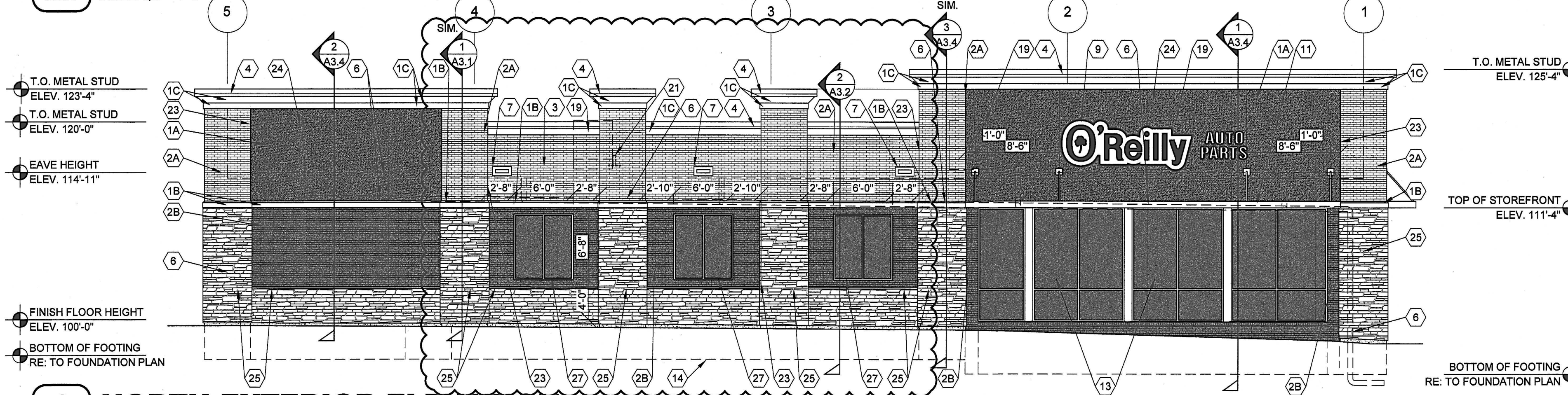
### 1 SOUTH EXTERIOR ELEVATION

A2.1 SCALE: 1/8" = 1'-0"



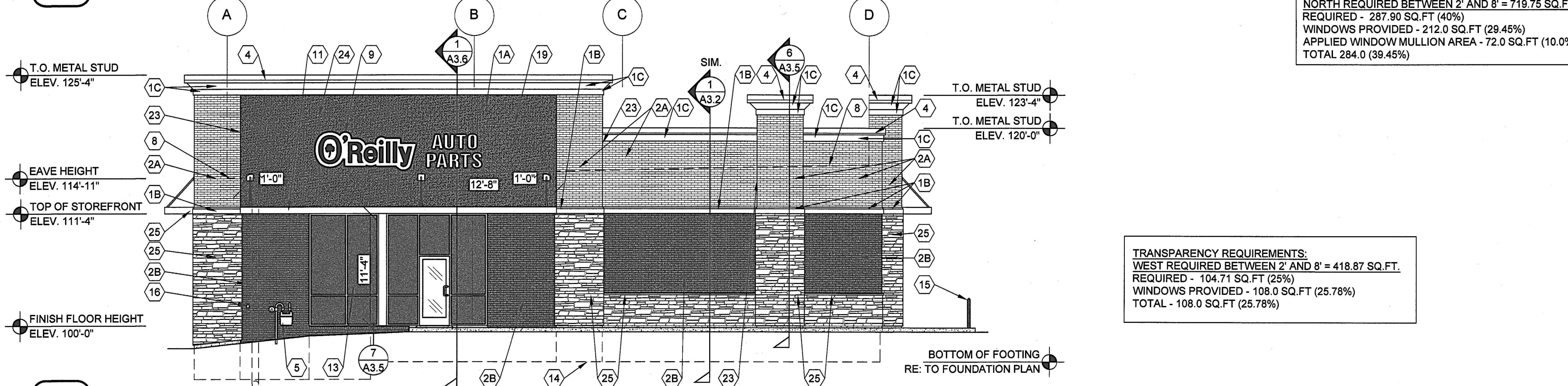
### 2 EAST EXTERIOR ELEVATION

A2.1 SCALE: 1/8" = 1'-0"



### 3 NORTH EXTERIOR ELEVATION

A2.1 SCALE: 1/8" = 1'-0"



### 4 WEST EXTERIOR ELEVATION

A2.1

**MATERIAL PERCENTAGES**  
**TRANSPARENCY REQUIREMENTS:**  
 SOUTH REQUIRED BETWEEN 2' AND 8' = 712.87 SQ.FT.  
 REQUIRED - 265.14 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%)

**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%)

**TRANSPARENCY REQUIREMENTS:**  
 NORTH REQUIRED BETWEEN 2' AND 8' = 719.75 SQ.FT.  
 REQUIRED - 287.80 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%)

**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%)



APPLIED WINDOW MULLION, APPLY TO THE INTERIOR SURFACE OF THE GLAZING SYSTEM 3M NIGHT VISION 15. SECONDLY, APPLY 3M FUSARA MILANO OVER THE 3M NIGHT VISION 15.

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%)

## 1 SOUTH EXTERIOR ELEVATION

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



APPLY TO THE INTERIOR SURFACE OF THE GLAZING SYSTEM 3M NIGHT VISION 15. SECONDLY, APPLY 3M FUSARA MILANO OVER THE 3M NIGHT VISION 15.

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%)

## 2 EAST EXTERIOR ELEVATION

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



APPLIED WINDOW MULLION, APPLY TO THE INTERIOR SURFACE OF THE GLAZING SYSTEM 3M NIGHT VISION 15. SECONDLY, APPLY 3M FUSARA MILANO OVER THE 3M NIGHT VISION 15.

APPLY TO THE INTERIOR SURFACE OF THE GLAZING SYSTEM 3M NIGHT VISION 15. SECONDLY, APPLY 3M FUSARA MILANO OVER THE 3M NIGHT VISION 15.

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%)

## 3 NORTH 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%)

## 4 WEST EXTERIOR ELEVATION

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

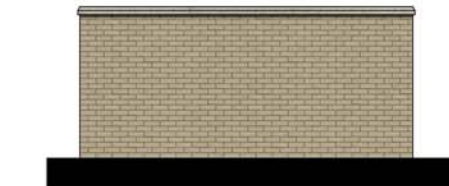
FINISH TABLE				
MATERIAL PREVIEW	MATERIAL	MANUFACTURER	FINISH	% SHOWN
	ACCENT BRICK	ACME BRICK	DOVE GRAY	≈ 19.5%
	FIELD BRICK	ACME BRICK	OXFORD BROWN	≈ 18.8%
	STONE VENEER	CORONADO STONE	SIERRA LEDGE	≈ 17.4%
	STUCCO AROUND SIGN	SHERWIN WILLIAMS	POSITIVE RED SW6871*	≈ 17.3%
	STOREFRONT	KAWNEER	DARK IVY	≈ 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

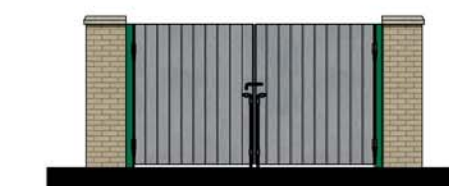
## 5 NORTH, SOUTH, EAST EXTERIOR ELEVATION

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



## 6 WEST EXTERIOR ELEVATION

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



NOT FOR CONSTRUCTION



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

**O'Reilly AUTO PARTS**  
 CORPORATE OFFICES  
 233 SOUTH PATTERSON  
 SPRINGFIELD, MISSOURI 65802  
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COMM #	
DATE:	1-22-25
REVISION	
DATE:	5-2-25
	6-17-25

CE1