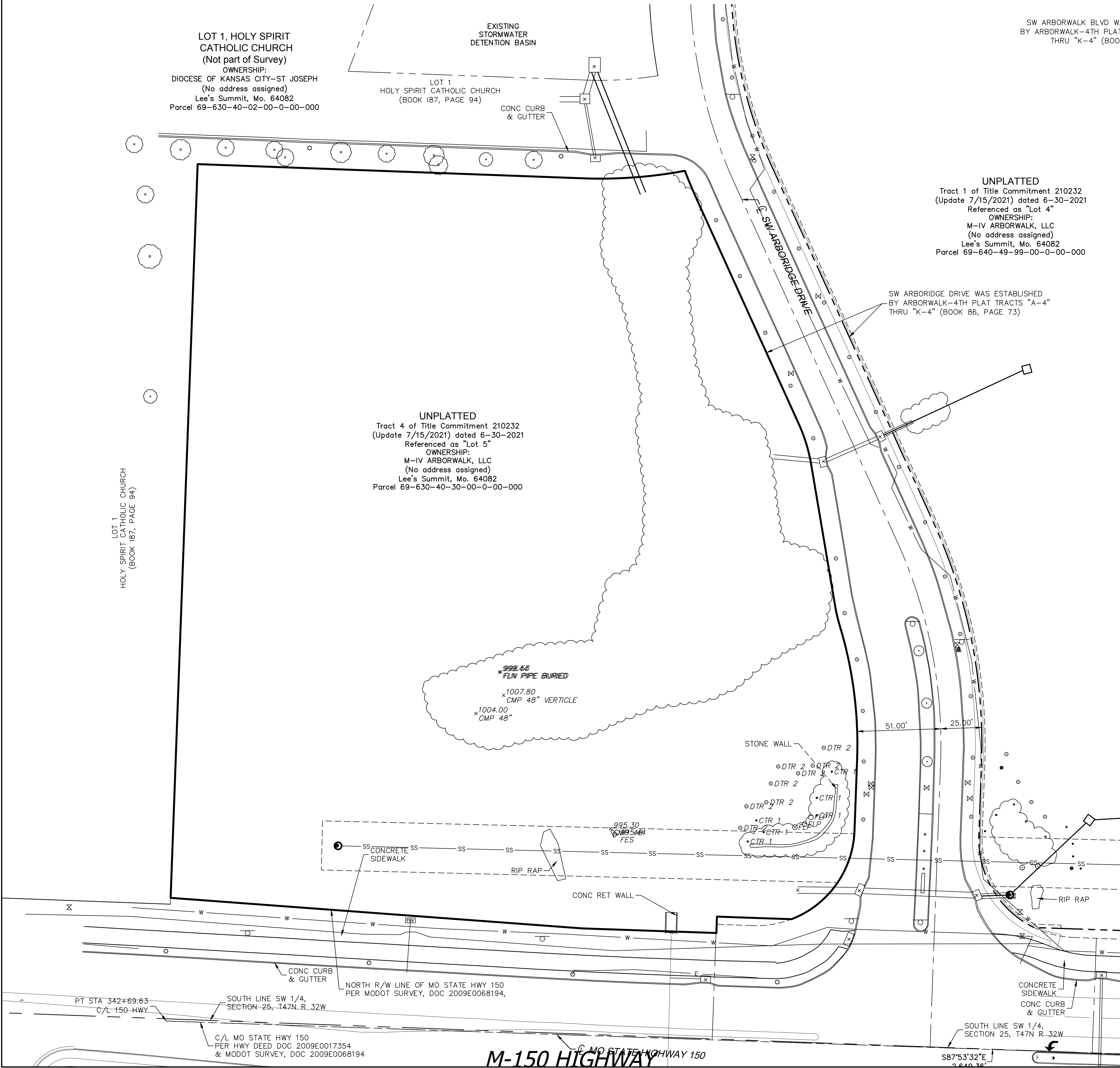
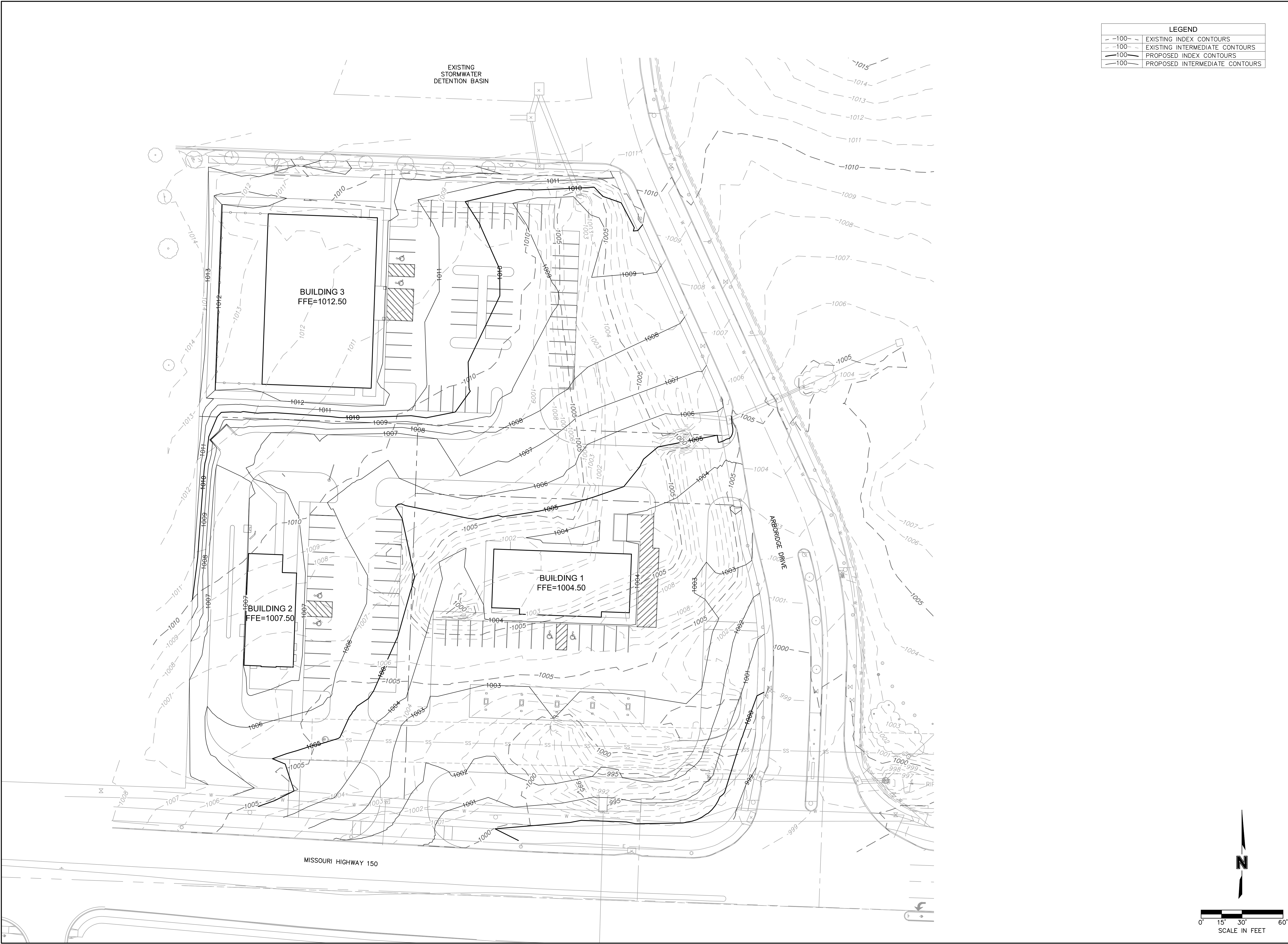


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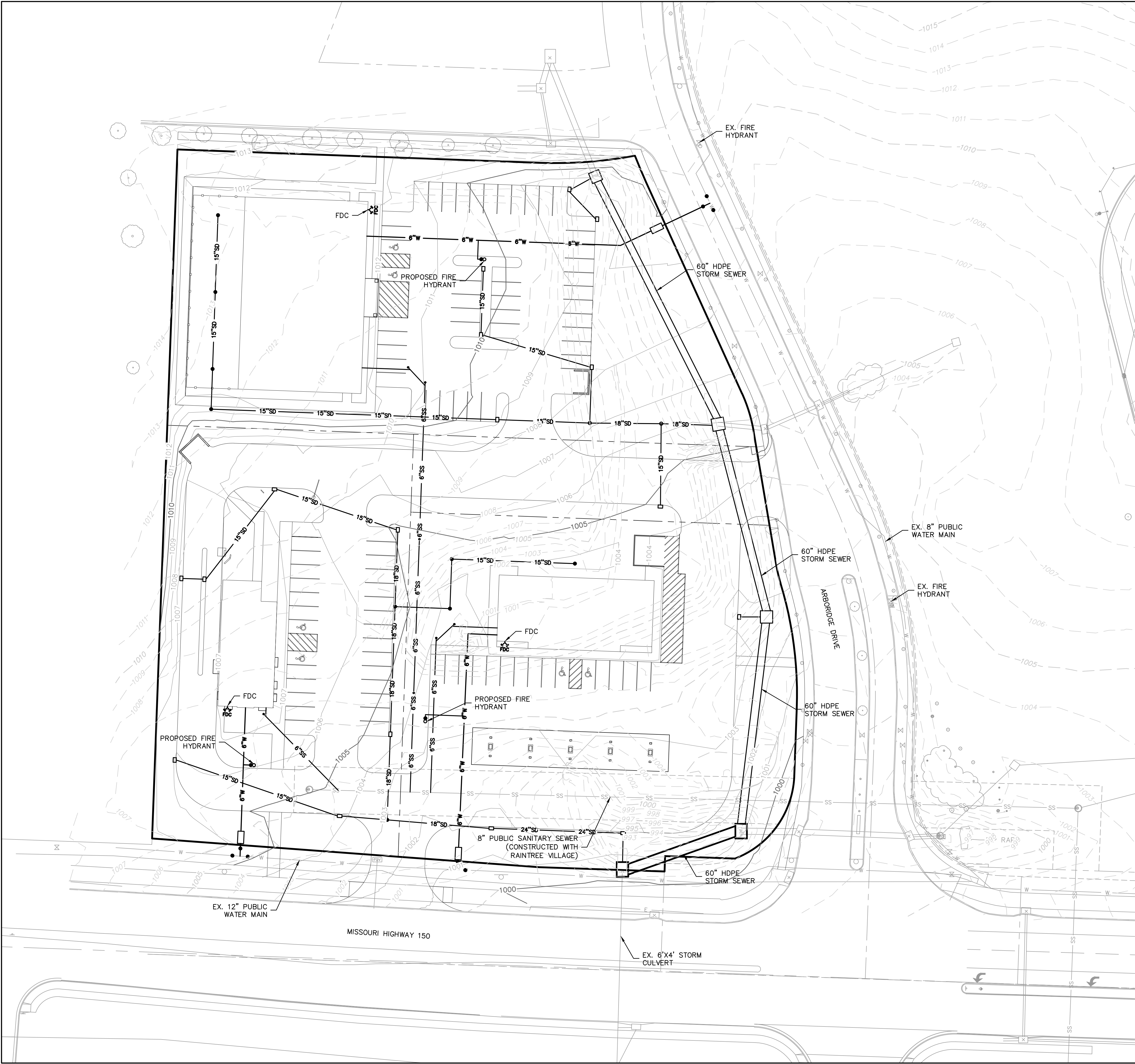


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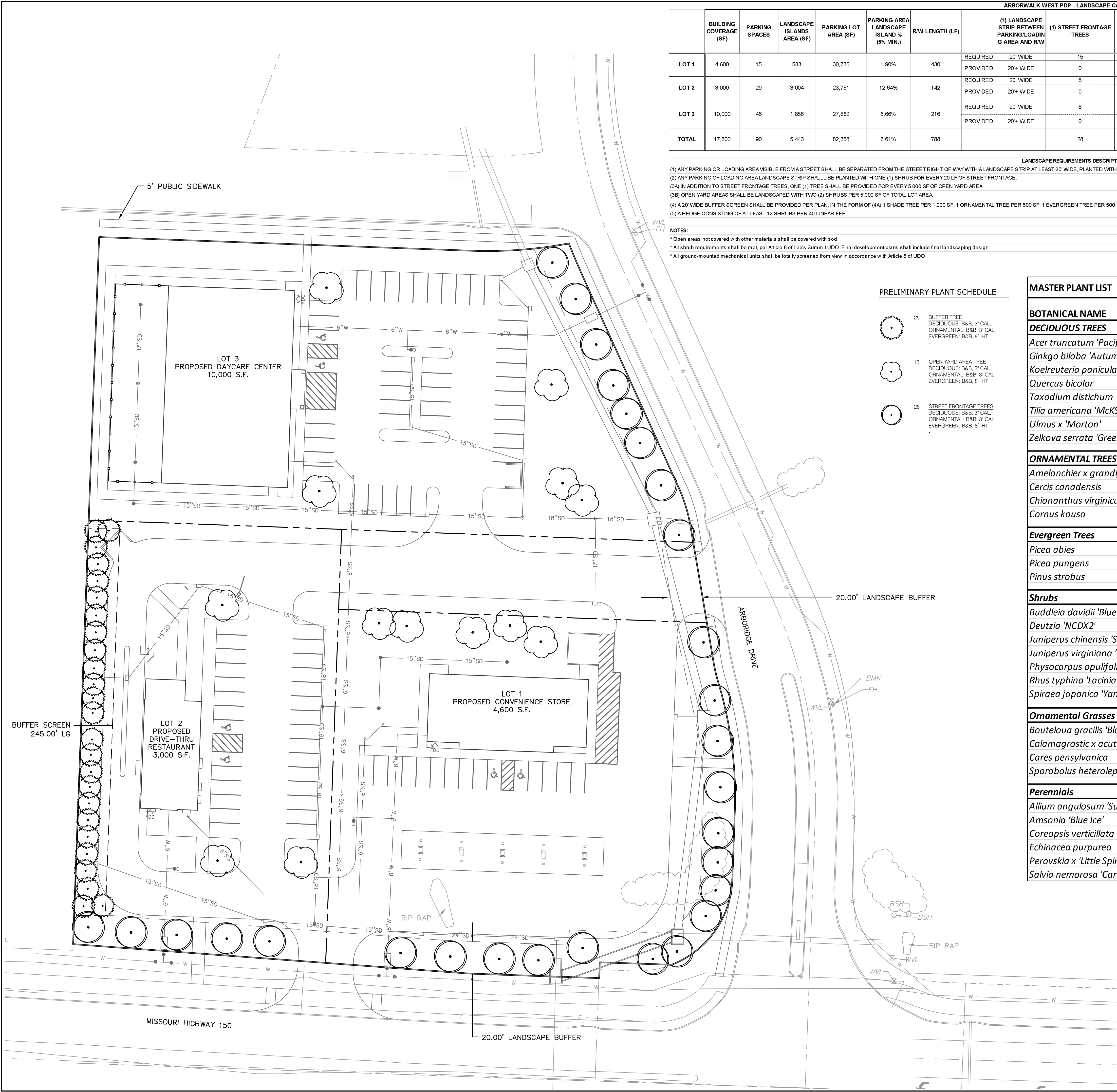


PRELIMINARY GRADING PLAN		REV. NO.	DATE	REVISIONS DESCRIPTION	BY	olsson Olsson - Civil Engineering Missouri Certificate of Authority # 1301 Burlington Street North Kansas City, MO 64116 TEL 816.361.1177 www.olsson.com
ARBORWALK WEST PRELIMINARY DEVELOPMENT PLAN						
LEE'S SUMMIT, MO						2022
SHEET C4.0						

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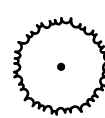
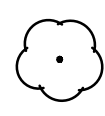
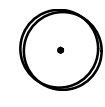


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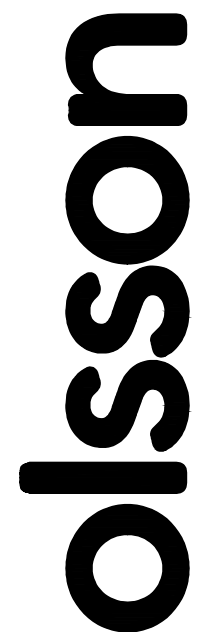


ARBORWALK WEST PDP - LANDSCAPE CALCULATIONS																
	BUILDING COVERAGE (SF)	PARKING SPACES	LANDSCAPE ISLANDS AREA (SF)	PARKING LOT AREA (SF)	PARKING AREA LANDSCAPE ISLAND % (6% MIN.)	R/W LENGTH (L/F)		(1) LANDSCAPE STRIP BETWEEN PARKING/LOADING AREA AND R/W	(1) STREET FRONTAGE TREES	(2) STREET FRONTAGE SHRUBS	(3) OPEN YARD AREA PROVIDED (SF)	(3A) OPEN YARD AREA TREES	(3B) OPEN YARD AREA SHRUBS	(4A) BUFFER TREES: DECIDUOUS / ORNAMENTAL / EVERGREEN	(4B) BUFFER SHRUBS	(5) CONTINUOUS EVERGREEN SCREEN (L/F)
LOT 1	4,600	15	583	30,735	1.90%	430	REQUIRED	20' WIDE	15	22	22,830	5	10	0/0/0	0	116
							PROVIDED	20'+ WIDE	0	0		0	0	0	0	
LOT 2	3,000	29	3,004	23,761	12.64%	142	REQUIRED	20' WIDE	5	8	11,964	3	5	5/10/10	10	159
							PROVIDED	20'+ WIDE	0	0		0	0	0	0	
LOT 3	10,000	46	1,656	27,862	6.66%	216	REQUIRED	20' WIDE	8	11	23,138	5	10	0/0/0	0	106
							PROVIDED	20'+ WIDE	0	0		0	0	0	0	
TOTAL	17,600	90	5,443	82,358	6.61%	788			28	41	57,932	13	25	5/10/10	10	381
LANDSCAPE REQUIREMENTS DESCRIPTIONS																
(1) ANY PARKING OR LOADING AREA VISIBLE FROM A STREET SHALL BE SEPARATED FROM THE STREET RIGHT-OF-WAY WITH A LANDSCAPE STRIP AT LEAST 20' WIDE, PLANTED WITH 1 TREE PER 30 LF OF STREET																
(2) ANY PARKING OF LOADING AREA LANDSCAPE STRIP SHALL BE PLANTED WITH ONE (1) SHRUB FOR EVERY 20 LF OF STREET FRONTAGE.																
(3A) IN ADDITION TO STREET FRONTAGE TREES, ONE (1) TREE SHALL BE PROVIDED FOR EVERY 5,000 SF OF OPEN YARD AREA																
(3B) OPEN YARD AREAS SHALL BE LANDSCAPED WITH TWO (2) SHRUBS PER 5,000 SF OF TOTAL LOT AREA.																
(4) A 20' WIDE BUFFER SCREEN SHALL BE PROVIDED PER PLAN, IN THE FORM OF (4A) 1 SHADE TREE PER 1,000 SF; 1 ORNAMENTAL TREE PER 500 SF; 1 EVERGREEN TREE PER 500; AND (4B) 1 SHRUB PER 500 SF																
(5) A HEDGE CONSISTING OF AT LEAST 12 SHRUBS PER 40 LINEAR FEET																
NOTES:																
* Open areas not covered with other materials shall be covered with sod																
* All shrub requirements shall be met, per Article 8 of Lee's Summit UDO. Final development plans shall include final landscaping design.																
* All ground-mounted mechanical units shall be totally screened from view in accordance with Article 8 of UDO																

PRELIMINARY PLANT SCHEDULE

-  25 BUFFER TREE
DECIDUOUS: B&B, 3' CAL.
ORNAMENTAL: B&B, 3' CAL.
EVERGREEN: B&B, 8' HT.
-  13 OPEN YARD AREA TREE
DECIDUOUS: B&B, 3' CAL.
ORNAMENTAL: B&B, 3' CAL.
EVERGREEN: B&B, 8' HT.
-  28 STREET FRONTAGE TREES
DECIDUOUS: B&B, 3' CAL.
ORNAMENTAL: B&B, 3' CAL.
EVERGREEN: B&B, 8' HT.

MASTER PLANT LIST			
BOTANICAL NAME	COMMON NAME	CONT.	CAL. SIZE
DECIDUOUS TREES			
<i>Acer truncatum</i> 'Pacific Sunset' TM	Pacific Sunset Maple	B&B	3"
<i>Ginkgo biloba</i> 'Autumn Gold'	Autumn Gold Ginkgo	B&B	3"
<i>Koelreuteria paniculata</i>	Golden Raintree		
<i>Quercus bicolor</i>	Swamp White Oak	B&B	3"
<i>Taxodium distichum</i>	Bald Cypress	B&B	3"
<i>Tilia americana</i> 'McK Sentry'	American Sentry Linden	B&B	3"
<i>Ulmus x 'Morton'</i>	Accolade Elm	B&B	3"
<i>Zelkova serrata</i> 'Green Vase'	Green Vase Zelkova	B&B	3"
ORNAMENTAL TREES			
<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	B&B	3"
<i>Cercis canadensis</i>	Eastern Redbud	B&B	3"
<i>Chionanthus virginicus</i>	White Fringetree	B&B	3"
<i>Cornus kousa</i>	Kousa Dogwood	B&B	3"
Evergreen Trees			
<i>Picea abies</i>	Norway Spruce	B&B	8' HT.
<i>Picea pungens</i>	Colorado Spruce	B&B	8' HT.
<i>Pinus strobus</i>	Eastern White Pine	B&B	8' HT.
Shrubs			
<i>Buddleia davidii</i> 'Blue Chip Jr.'	Lo & Behold Blue Chip Jr. Butterfly Bush	Cont.	18" SP.
<i>Deutzia</i> 'NCDX2'	Yuki Cherry Blossom	Cont.	18" SP.
<i>Juniperus chinensis</i> 'Sea Green'	Sea Green Juniper	Cont.	36" HT.
<i>Juniperus virginiana</i> 'Grey Owl'	Grey Owl Juniper	Cont.	36" HT.
<i>Physocarpus opulifolius</i> 'Little Devil'	Little Devil Ninebark	Cont.	18" HT.
<i>Rhus typhina</i> 'Laciniata'	Cutleaf Staghorn Sumac	Cont.	4'-5' HT.
<i>Spiraea japonica</i> 'Yan'	Double Play Gold Spirea	Cont.	18" SP.
Ornamental Grasses			
<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Blue Grama	1 gal	
<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gal	
<i>Cares pensylvanica</i>	Pennsylvania Sedge	1 gal	
<i>Sporobolus heterolepis</i> 'Tara'	Tara Prairie Dropseed	1 gal	
Perennials			
<i>Allium angulosum</i> 'Summer Beauty'	Summer Beauty Allium	1 gal	
<i>Amsonia</i> 'Blue Ice'	Blue Ice Amsonia	1 gal	
<i>Coreopsis verticillata</i> 'Grandiflora'	Grandiflora Coreopsis	1 gal	
<i>Echinacea purpurea</i>	Pale Purple Coneflower	1 gal	
<i>Perovskia x 'Little Spire'</i>	Little Spire Russian Sage	1 gal	
<i>Salvia nemorosa</i> 'Caradonna'	Caradonna Perennial Salvia	1 gal	

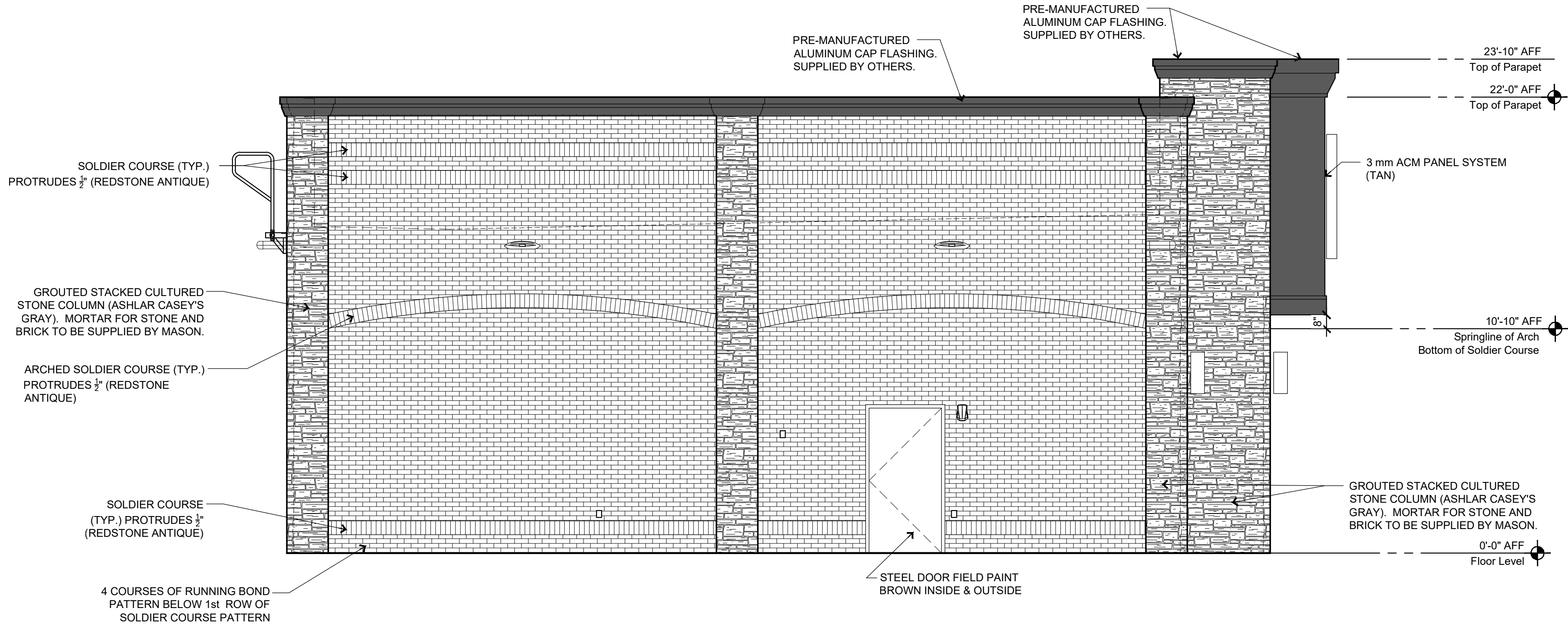


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North Kansas City, MO 64116
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LANDSCAPE PLAN		ARBORWALK WEST		PRELIMINARY DEVELOPMENT PLAN		LEE'S SUMMIT, MO	
BY		REVISIONS DESCRIPTION		REV. NO.		DATE	

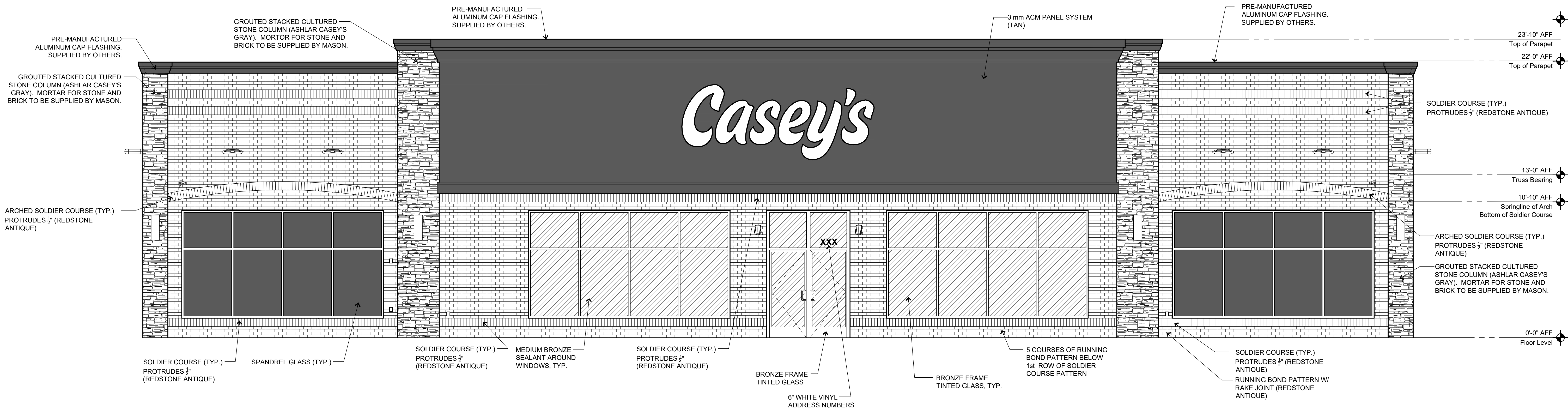
General Notes

1. REVIEW AND COORDINATE WITH ALL DETAIL PAGES REFERENCED ON THIS PLAN, NOTIFY ARCHITECT AND OWNER OF DISCREPANCIES
2. **RELATED DRAWING SHEETS:** REFER TO THE FOLLOWING:
AL-101: FOR BUILDING LOCATION ON SITE
AL-601: FOR INFORMATION RELATING TO SIGNAGE
A-101: PRIMARY FLOOR PLAN FOR CONSTRUCTION LAYOUT
A-121: ROOF PLAN/ROOF TOP EQUIPMENT
A-601: DOOR & WINDOW SCHEDULES AND NOTES
S-101: FOOTINGS AND FOUNDATIONS
S-102: ROOF TRUSSES
3. **WORKING POINT:** THE WORKING POINT (WP) INDICATED ON THE DRAWINGS IS RELATIVE TO THE FACE OF SHEATHING ON THE EXTERIOR WALL AND IS A COMMON POINT OF REFERENCE WHERE EVER USED IN THESE DRAWINGS
4. ALL VENT PENETRATIONS ON BACK OF BACKSIDE OF ROOF.



2 Exterior Elevation - Left Side of Building (Plan West)

1/4"=1'-0"



1 Exterior Elevation - Front of Building (Plan South)

1/4"=1'-0"

GLAZING & DOOR CALCULATION	
TOTAL FACADE SQUARE FOOTAGE:	2,446.04 SF
25% GLAZING & DOOR REQUIREMENT:	611.51 SF
GLAZING & DOORS ON ELEVATION:	622.72 SF

Screening

**SCHEMMER**
Design with Purpose. Build with Confidence.

PROJECT:
CASEY'S GENERAL STORE
US-50 & S BYNUM ROAD
LONE JACK, MO
2022 "U4" REAR DOOR V.03 - FLAT ROOF

DATE:
8/8/2022

REVISIONS:
07164.054

CHECKED BY:

EXTENSION:
EXTERIOR ELEVATIONS

PROJECT NUMBER:
07164.054

CHECKED BY:

A-201

General Notes

1. REVIEW AND COORDINATE WITH ALL DETAIL PAGES REFERENCED ON THIS PLAN, NOTIFY ARCHITECT AND OWNER OF DISCREPANCIES
2. RELATED DRAWING SHEETS: REFER TO THE FOLLOWING:

AL-101: FOR BUILDING LOCATION ON SITE

AL-601: FOR INFORMATION RELATING TO SIGNAGE

A-101: PRIMARY FLOOR PLAN FOR CONSTRUCTION LAYOUT

A-121: ROOF PLAN/ROOF TOP EQUIPMENT

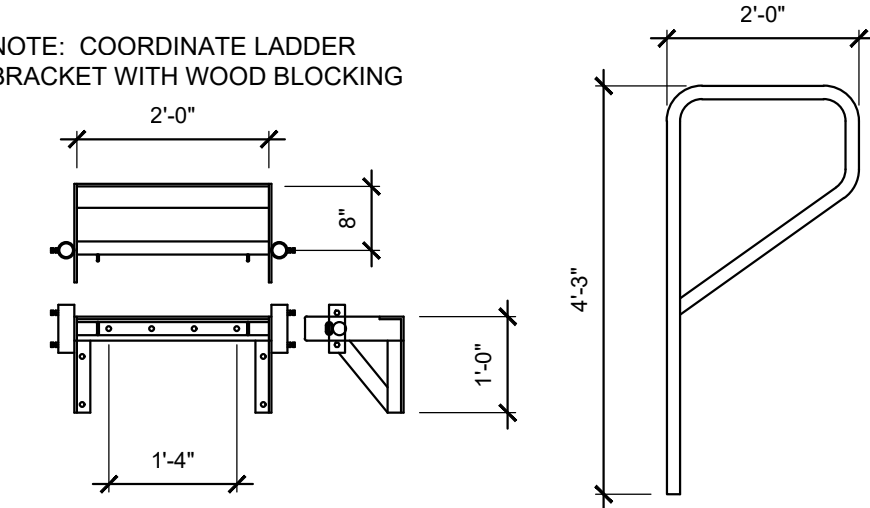
A-601: DOOR & WINDOW SCHEDULES AND NOTES

S-101: FOOTINGS AND FOUNDATIONS

S-102: ROOF TRUSSES

3. WORKING POINT: THE WORKING POINT (WP) INDICATED ON THE DRAWINGS IS RELATIVE TO THE FACE OF SHEATHING ON THE EXTERIOR WALL AND IS A COMMON POINT OF REFERENCE WHERE EVER USED IN THESE DRAWINGS

4. ALL VENT PENETRATIONS ON BACK OF BACKSIDE OF ROOF.



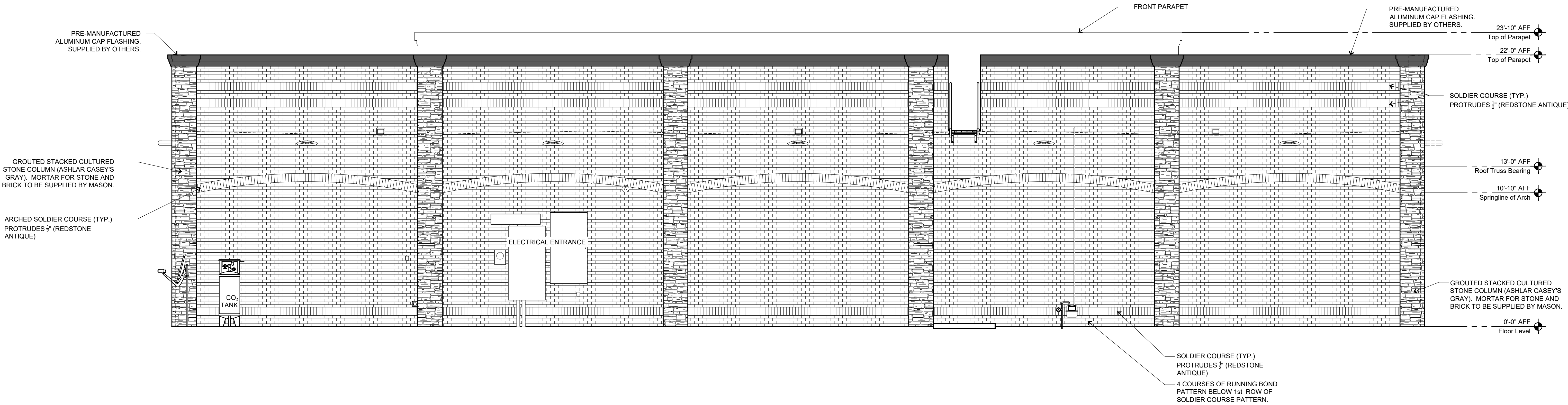
3 Ladder Bracket

1/2"=1'-0"

2 Exterior Elevation - Right Side of Building (Plan East)

1/4"=1'-0"

GLAZING & DOOR CALCULATION	
TOTAL FACADE SQUARE FOOTAGE:	1,103.49 SF
25% GLAZING & DOOR REQUIREMENT:	275.87 SF
GLAZING & DOORS ON ELEVATION:	280.68 SF



1 Exterior Elevation - Back of Building (Plan North)

1/4"=1'-0"

Screening



SCHEMMER
Design with Purpose. Build with Confidence.

CASEY'S GENERAL STORE		8/3/2022		DRAWING INFORMATION
MO-150 & ARBORIDGE DR		REVISED ON		
LEE'S SUMMIT, MO				
2022 "U4" STYLE V.03 - FLAT ROOF				EXTERIOR ELEVATIONS
PROJECT NUMBER:				A-202
07164.057				
DRAWN BY:		CHECKED BY:		

A-202



BACK ELEVATION



LEFT ELEVATION

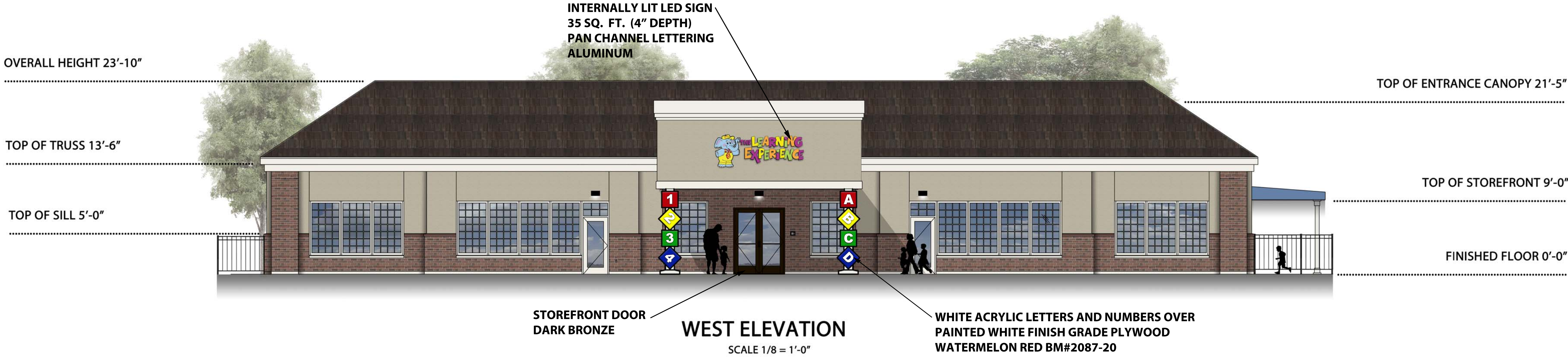


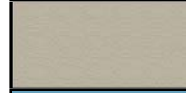
FRONT ELEVATION

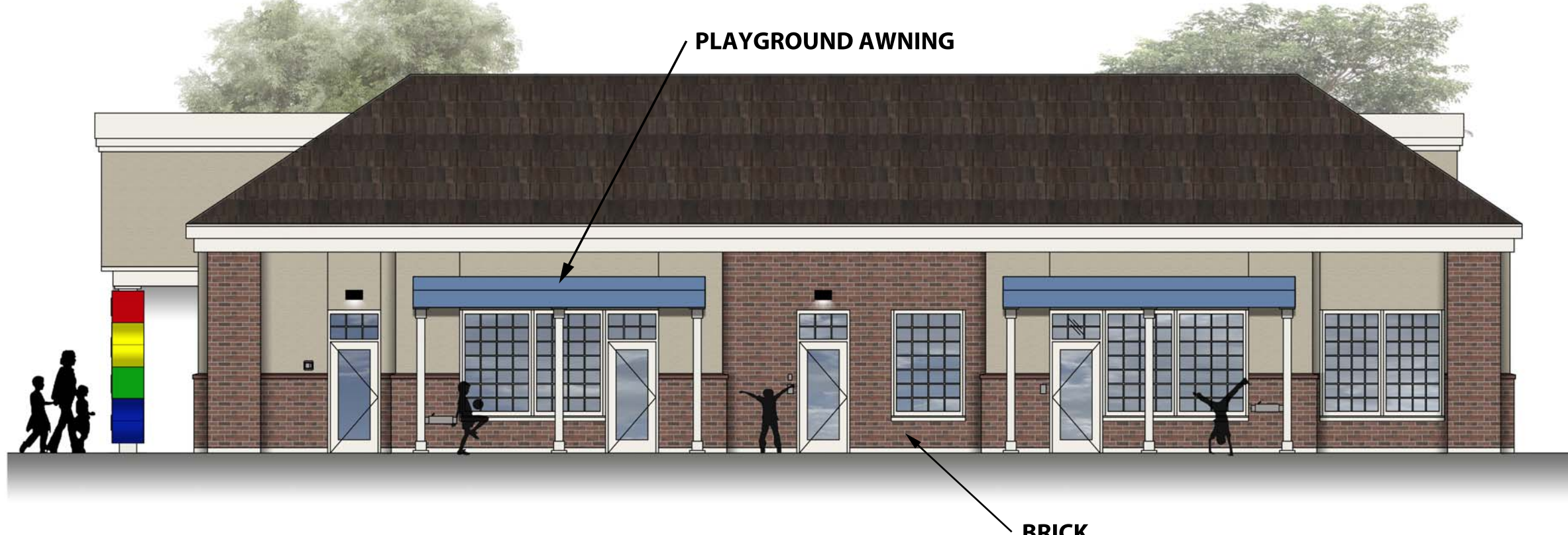


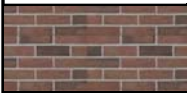
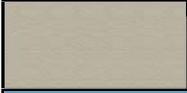
RIGHT ELEVATION

MATERIAL CALCULATION WEST ELEVATION			
	BRICK	40%	428 SQ FT
	STUCCO	60%	630 SQ FT
	GLAZING	50%	76'-6" LF

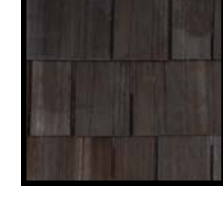
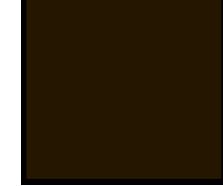


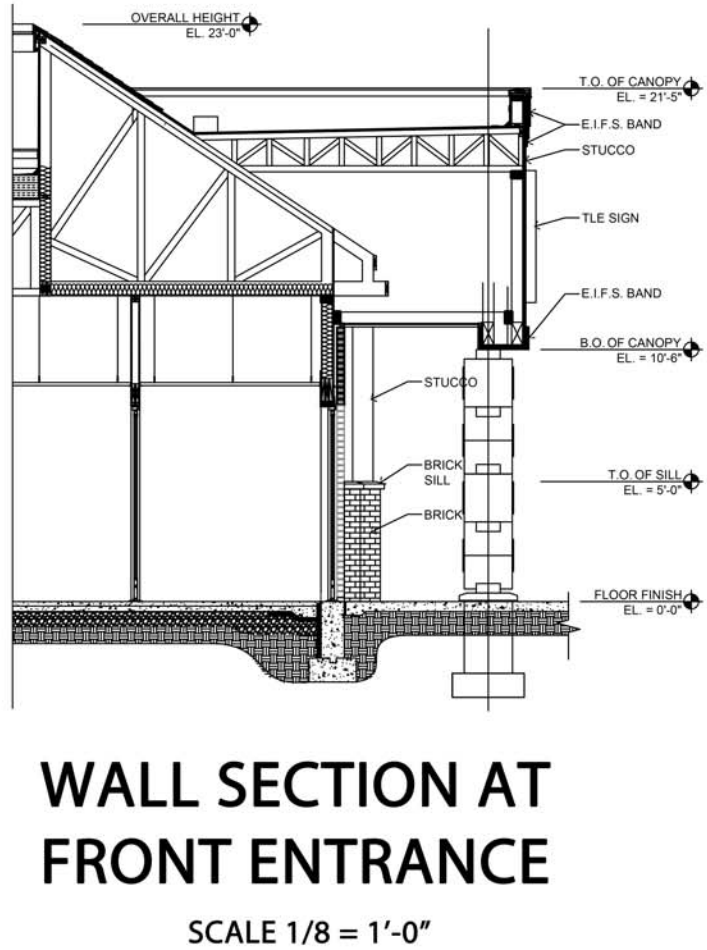
MATERIAL CALCULATION NORTH ELEVATION			
	BRICK	54%	344 SQ FT
	STUCCO	46%	295 SQ FT
	GLAZING	54%	49'-0" LF



MATERIAL CALCULATION SOUTH ELEVATION			
	BRICK	55%	364 SQ FT
	STUCCO	45%	300 SQ FT
	GLAZING	50%	44'-0" LF



	GLEN-GERY ADRIAN
BRICK	
	X-475 VIEJO
STUCCO	
	BRAVA CEDAR SHAKE AGED
ROOF	
	DARK BRONZE ANODIZED ALUMINUM GLAZING
GLAZING	



THE LEARNING EXPERIENCE

7021 W. 121ST STREET, OVERLAND PARK, KS

