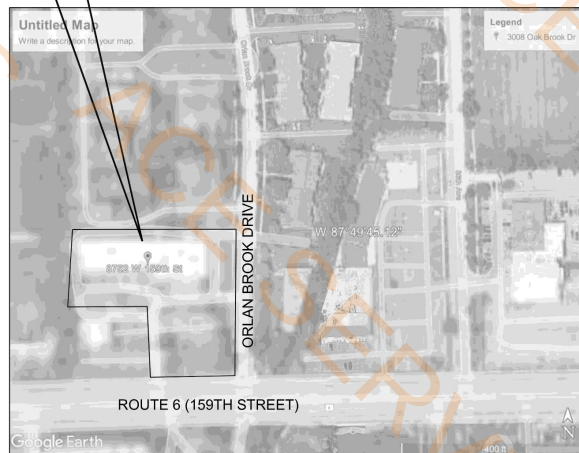


PROPOSED SITE DEVELOPMENT FOR
8752 W 159TH ST, ORLAND PARK, IL
60462

LOCATION

CIVIL ENGINEERS:
DAMAS CONSULTANT GROUP
5625 MIDDAGH AVENUE
DOWNERS GROVE, IL 60516
TEL. (630) 911-3299
FAX (630) 541-2382
anas@damascc.com

SITE BENCH MARK:
SW BOLT ON HYD
ELEV.=695.83 (NAVD88)



"TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE PROPOSED DEVELOPMENT. IF ANY DRAINAGE PATTERNS WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH SURFACE WATERS IN TO THE PUBLIC AREA, OR DRAINS APPROVED FOR THE USE BY THE MUNICIPAL ENGINEER, AND THAT SUCH SURFACE WATERS ARE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGES TO ADJOINING PROPERTIES."

PARCEL 1

Parcel 1
 Lot 1 in Waterfall Plaza Subdivision, being a Subdivision of part of the West Half of the Southwest Quarter of Section 14, Township 36 North, Range 12 East of the Third Principal Meridian, according to the Plat thereof recorded December 29, 2021 as Document No. 2136322066, in Cook County, Illinois.

PARCEL 2

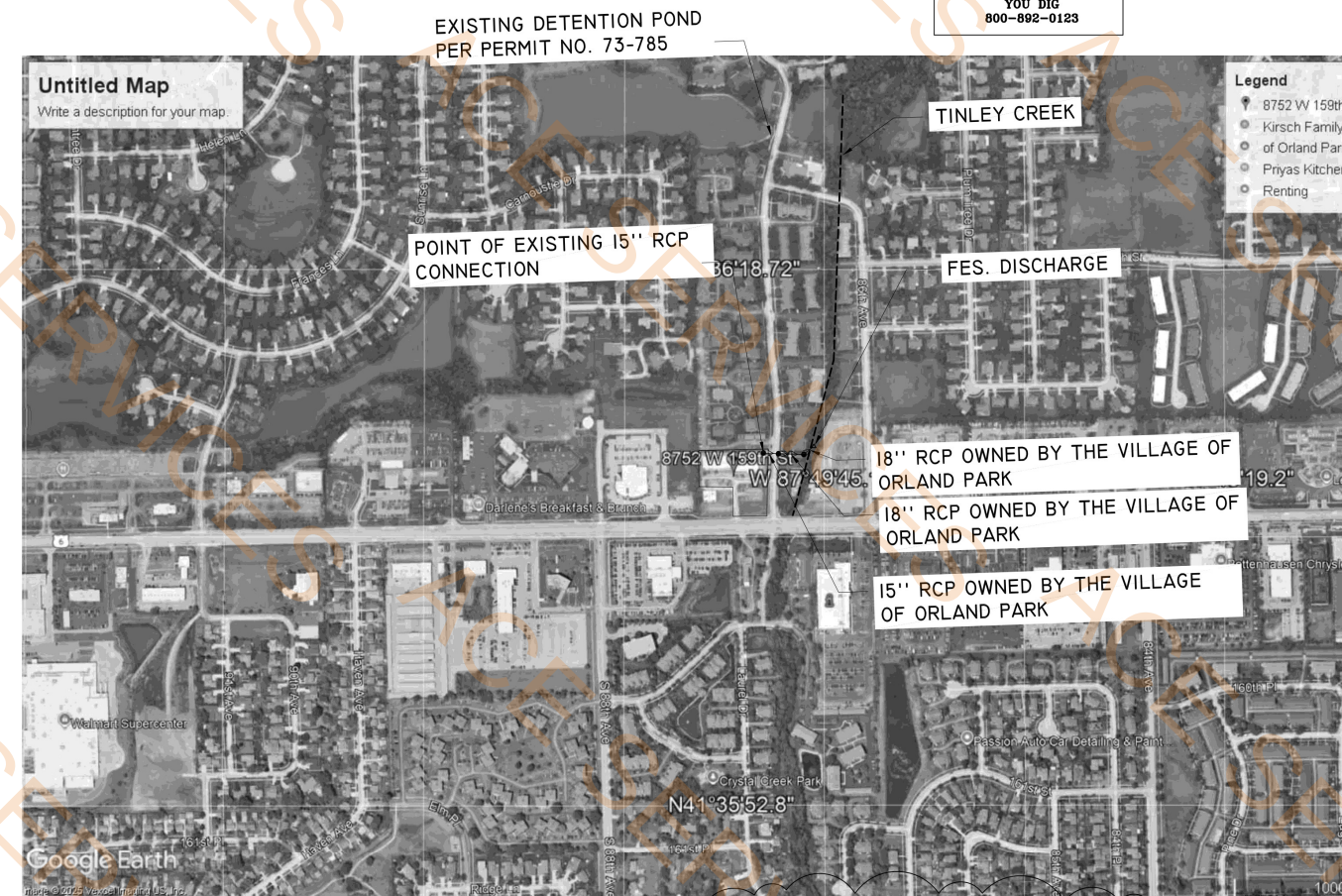
The South 158.0 feet or that part of the West Half of the Southwest Quarter of Section 14, Township 36 North, Range 12, East of the Third Principal Meridian, lying East of and abutting the East line of the West 30 acres of said West Half of the Southwest Quarter and lying West of and abutting the Westerly line of Orlan Brook Drive and lying North of and abutting the North line of 159th Street and lying South of and abutting the South line of Orlan Brook Unit 2 (except the West 170.0 feet thereof) all in Orlan Township, Cook County, Illinois.

DRAWING INDEX :

COVER CIVIL	COVER SHEET
D-1.0	DEMOLITION PLAN
C-1.0	PROPOSED GRADING PLAN
C-1.1	ENLARGE GRADING PLAN AT EAST DRIVEWAY
C-1.2	ENLARGE GRADING PLAN AT SOUTH DRIVEWAY
C-2.0	PROPOSED SITE PLAN
C-3.0	PROPOSED UTILITIES PLAN
C-4.0	EROSION CONTROL PLAN
C-5.0	EXISTING DRAINAGE PLAN
C-6.0	PROPOSED DRAINAGE PLAN
C-6.1	PROPOSED CATCH BASINS TRIBUTARY AREAS
C-7.0	SITE DETAILS-1
C-8.0	SITE DETAILS-2
C-9.0	SITE DETAILS-3
C-10.0	SITE DETAILS-4
C-11.0	SITE DETAILS-5
C-12.0	SITE DETAILS-6
C-13.0	MAINTENANCE AND MONITORING PLAN
G-1.0	MWRD GENERAL NOTES

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.

P (708) 588-4055
E WMOJobStart@mwrdr.org



STORM SEWER

ROUTING MAP

VILLAGE OF ORLAND PARK CONTACT INFORMATION:

1. ENGINEERING INSPECTOR: (708) 403-5003.
2. PUBLIC WORKS UTILITIES: (708) 403-6350

Damas Consulting Group
5625 MIDDLEAUGH AVE
Downers Grove, IL. 60516
Ph 630-991-3299 FAX 630-541-2382

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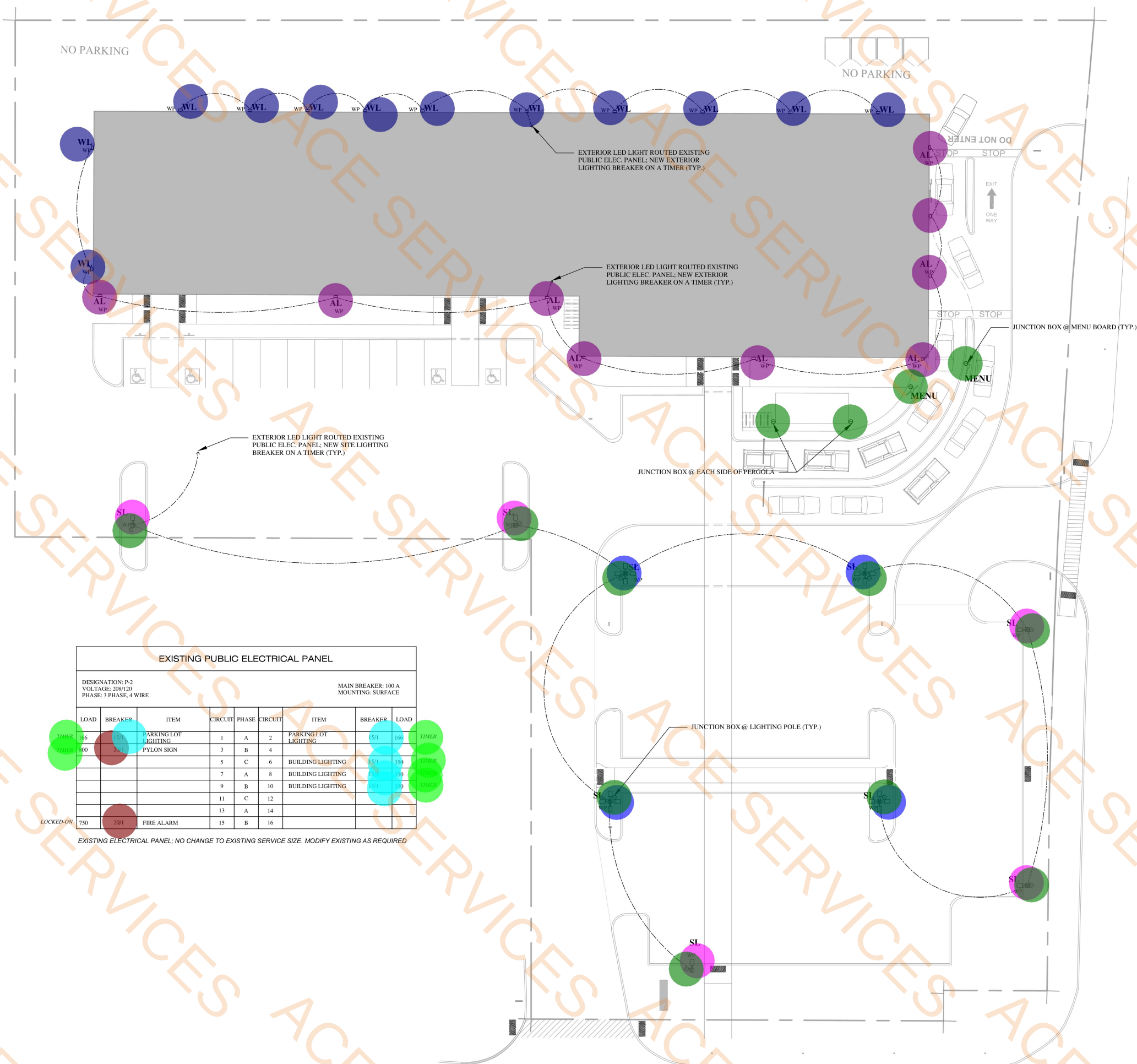
PROJECT AT 8752 W 159TH ST, ORLAND PARK, IL 60462

DATE STARTED: 08-15-2024	DESIGNED BY: KHALED MANSOUR
JOB NO:	FILE NO:

SHEET NO:

COVER

- Light Pole Quadrate
 - Light Pole Single
 - 15A/1Pole Breaker
 - 20A/1Pole, Breaker
 - Junction Box
 - WL,W/P Exterior Lights
 - AL,W/P Exterior Lights
 - Timers
- 4.0 EA
 - 5.0 EA
 - 5.0 EA
 - 2.0 EA
 - 13.0 EA
 - 12.0 EA
 - 9.0 EA
 - 6.0 EA



EXISTING PUBLIC ELECTRICAL PANEL								
DESIGNATION: P-2 VOLTAGE: 208/120 PHASE: 3 PHASE, 4 WIRE						MAIN BREAKER: 100 A MOUNTING: SURFACE		
LOAD	BREAKER	ITEM	CIRCUIT	PHASE	CIRCUIT	ITEM	BREAKER	LOAD
166	20/1	PARKING LOT LIGHTING	1	A	2	PARKING LOT LIGHTING	15/1	166
500	20/1	PYLON SIGN	3	B	4			
			5	C	6	BUILDING LIGHTING	15/1	350
			7	A	8	BUILDING LIGHTING	15/1	350
			9	B	10	BUILDING LIGHTING	15/1	350
			11	C	12			
			13	A	14			
750	20/1	FIRE ALARM	15	B	16			

EXISTING ELECTRICAL PANEL; NO CHANGE TO EXISTING SERVICE SIZE. MODIFY EXISTING AS REQUIRED

ELECTRICAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL CUT AND PATCH AS REQUIRED ANY FLOOR, WALL, CEILING ETC. THAT MAY BE NECESSARY FOR A COMPLETE INSTALLING OF ELECTRICAL SYSTEMS.
- ALL WORK ON SITE SHALL BE VERIFIED BY THE CONTRACTOR & OWNER. FAILURE TO VERIFY EXISTING CONDITIONS WILL BE AT THE EXPENSE OF THE CONTRACTOR
- THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, MISCELLANEOUS ITEMS AS REQUIRED TO COMPLETE THE WORK IN A SAFE MANNER, INCLUDING BUT NOT LIMITED TO MOVING AND RIGGING MATERIAL, AND EQUIPMENT, ALL HANGERS, SUPPORTS, ANCHORS, EXPANSION MEANS, CONDUIT, WIRE, FITTINGS, SLEEVES, ETC. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES AS TO AVOID INTERFERENCES.
- THE CONTRACTOR SHALL ALSO FURNISH ALL JUNCTION BOXES, SWITCHES, BREAKERS, MEOSTATS, OUTLETS, PLATES, ETC. COLORS TO BE DETERMINED AT A LATER DATE BY OWNER.
- THE ELECTRICAL CONTRACTOR UNLESS NOTED OR DETERMINED BY OWNER SHALL COORDINATE WITH LOCAL ELECTRIC COMPANY AND TELEPHONE COMPANY FOR SERVICES AND REQUIREMENTS, CONTRACTOR SHALL INCLUDE THESE COSTS IN THE CONTRACT.
- ALL BRANCH CONDUCTORS SHALL BE COPPER UNLESS OTHERWISE NOTED OTHERWISE. BRANCH CIRCUIT CONDUCTORS #10 AND SMALLER SHALL HAVE INSULATION TYPE "TW" AND 38. LARGER CONDUCTORS SHALL HAVE INSULATION TYPE "THW"
- GROUNDING CONDITIONS SHALL COMPLY WITH LOCAL AUTHORITY HAVING JURISDICTION
- THE ELECTRICAL CONTRACTOR SHALL LABEL ALL DEVICES, PANELS, ETC. SHOWING ALL CIRCUITS.
- SEE MECHANICAL SHEET FOR LOCATION OF WALK-IN COOLER CONDENSING UNITS
- PROVIDE GFCI PROTECTION FOR RECEPTACLES INSTALLED WITHIN 2'-0" OF WATER SOURCE.
- INSTALL ADDITIONAL ELECTRODE ON NEW SERVICES.
- INCLUDE ALL LOW-VOLTAGE WIRING.
- CONDUITS, WIRE, SWITCHES, CIRCUIT BREAKERS, OVERCURRENT DEVICES, TRANSFORMERS, MOTORS, AND FIXTURES TO COMPLY WITH ALL LOCAL CODES.
- ANY GAPS, VOIDS, WALL PENETRATIONS, PROTRUSIONS & ESCUTCHEON PLATES TO BE SEALED WITH SILICONE CAULK AS REQUIRED

1 SITE ELECTRICAL PLAN
N.T.S.

WMK.20 LLC

ARCHITECTURE, DESIGN
BUILDING CONSULTANTS

WATERFALL PLAZA

PROJECT ADDRESS: 8752 W 159th St
Orland Park, IL 60462

DRAWING DATE: 03-02-2026

REVISIONS

DRAWN BY WK

CHECKED BY AT

SE

NOT TO SCALE IF PLOTTED ON 11X17



WATERFALL PLAZA
8752 W. 159TH STREET

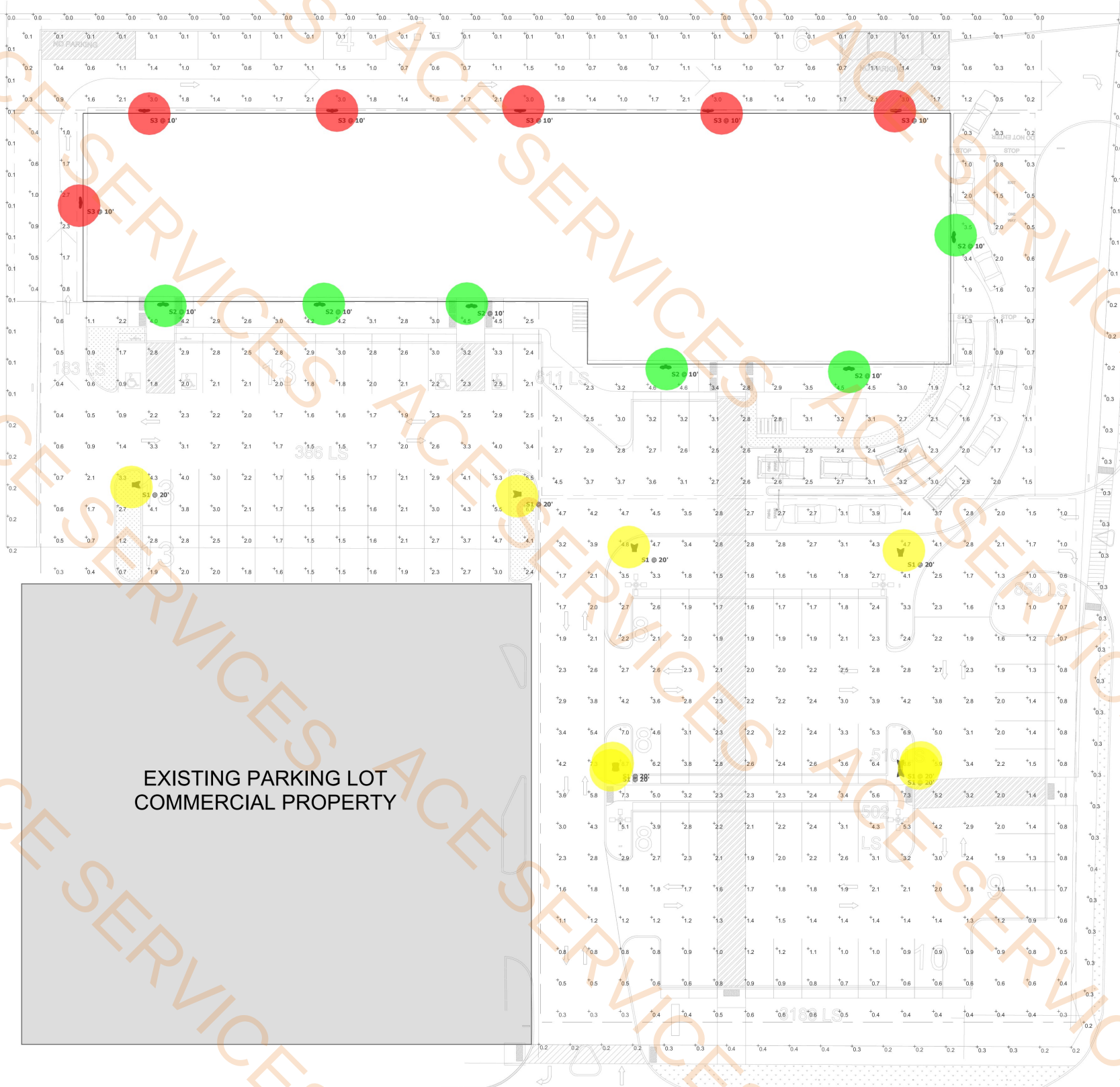
Designer
M. KARTOUM
Date
01/21/2026
Scale
Not to Scale
Drawing No.
E0.50
Summary
SITE PLAN
PHOTOMETRICS



- S3 Lighting 6.0 EA
- S2 Lighting 6.0 EA
- S1 Lightng 8.0 EA

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BOH	+	0.9 fc	3.0 fc	0.0 fc	N/A	N/A
BUILDING SE	+	2.7 fc	4.6 fc	0.9 fc	5.1:1	3.0:1
DRIVE-THRU	+	1.2 fc	3.5 fc	0.2 fc	17.5:1	6.0:1
EAST BOH	+	1.2 fc	2.7 fc	0.4 fc	6.8:1	3.0:1
PARKING - SOUTH	+	2.3 fc	8.7 fc	0.3 fc	29.0:1	7.7:1
PARKING SW	+	2.3 fc	6.0 fc	0.3 fc	20.0:1	7.7:1
PROPERTY LINE - EAST	+	0.2 fc	0.4 fc	0.0 fc	N/A	N/A
PROPERTY LINE - NORTH	+	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
PROPERTY LINE - SOUTH	+	0.3 fc	0.4 fc	0.2 fc	2.0:1	1.5:1
PROPERTY LINE - WEST	+	0.1 fc	0.2 fc	0.0 fc	N/A	N/A

Schedule											
Symbol	Label	Image	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage	Polar Plot
	S1		8	DSX2 LED P2 40K 80CRI TFTM	D-Series Size 2 Area Luminaire P2 Performance Package 4000K CCT 80 CRI Forward Throw		1	23370	0.7	179.22	
	S2		6	WDGE2 LED P4 40K 80CRI T3M	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 4000K, 80CRI, TYPE 3 MEDIUM OPTIC		1	4268	0.7	46.6589	
	S3		6	WDGE2 LED P3 40K 80CRI T2M	WDGE2 LED WITH P3 - PERFORMANCE PACKAGE, 4000K, 80CRI, TYPE 2 MEDIUM OPTIC		1	3215	0.7	32.1375	



EXISTING PARKING LOT
COMMERCIAL PROPERTY

Plan View
Scale - 1" = 20ft

- Menu Speakers
- PICK UP Speaker

1.0 EA
1.0 EA

PLAN KEY



PERVIOUS AREA



PERMEABLE PAVERS



ASPHALT



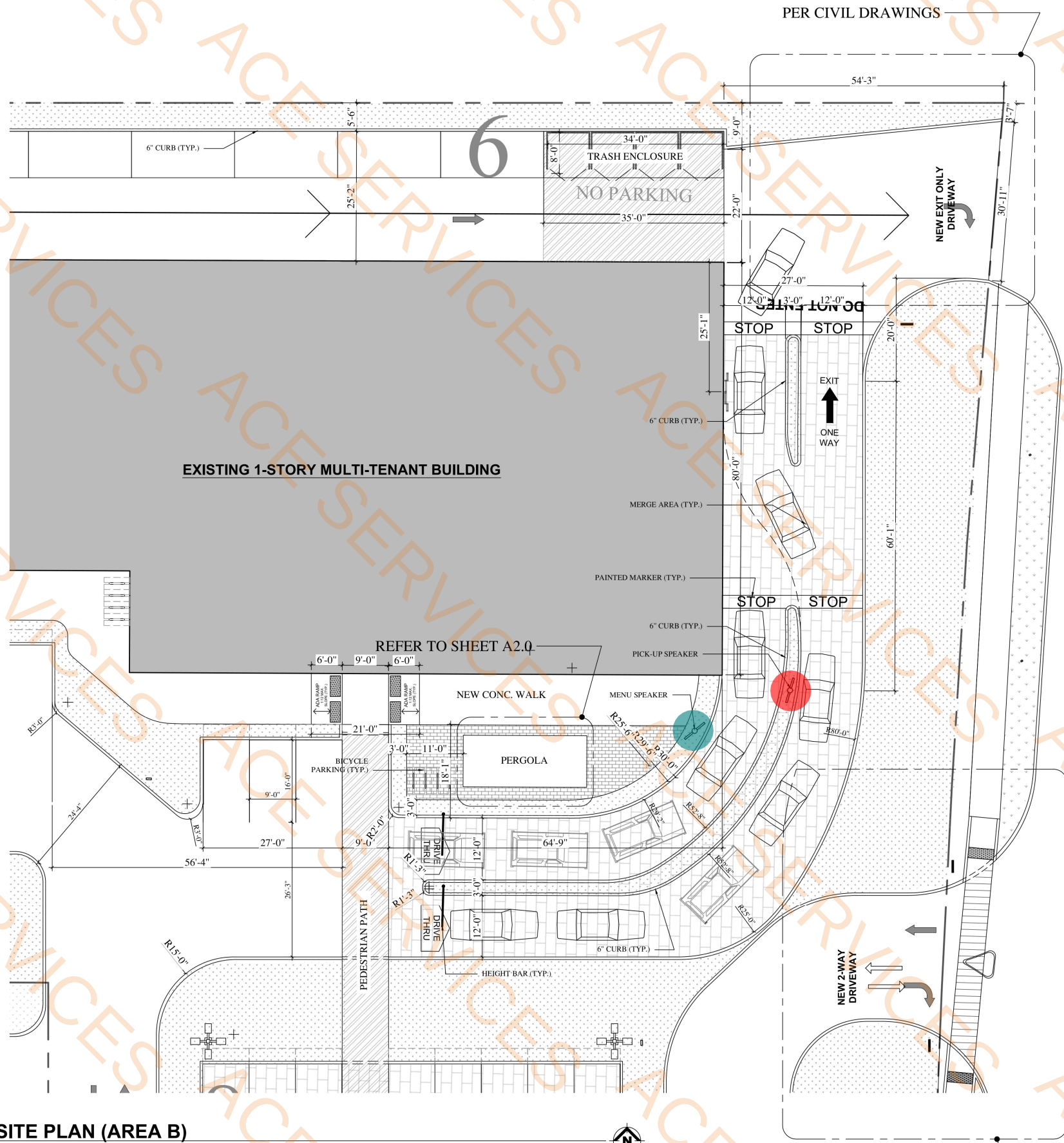
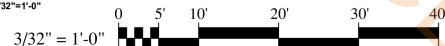
STRIPED CROSSWALK



CONCRETE

1 SITE PLAN (AREA B)

3/32" = 1'-0"



WMK.20 LLC

ARCHITECTURE, DESIGN
BUILDING CONSULTANTS

..\\..\\2025.png

WATERFALL PLAZA

PROJECT ADDRESS: 8752 W 159th St
Orland Park, IL 60462

DRAWING DATE: 05-02-2024

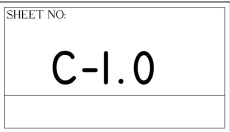


REVISIONS	WK
R3: 08/04/2025	
R4: 09/28/2025	
R5: 12/03/2025	

DRAWN BY	AT
CHECKED BY	

SP1.2

NOT TO SCALE IF PLOTTED ON 11X17

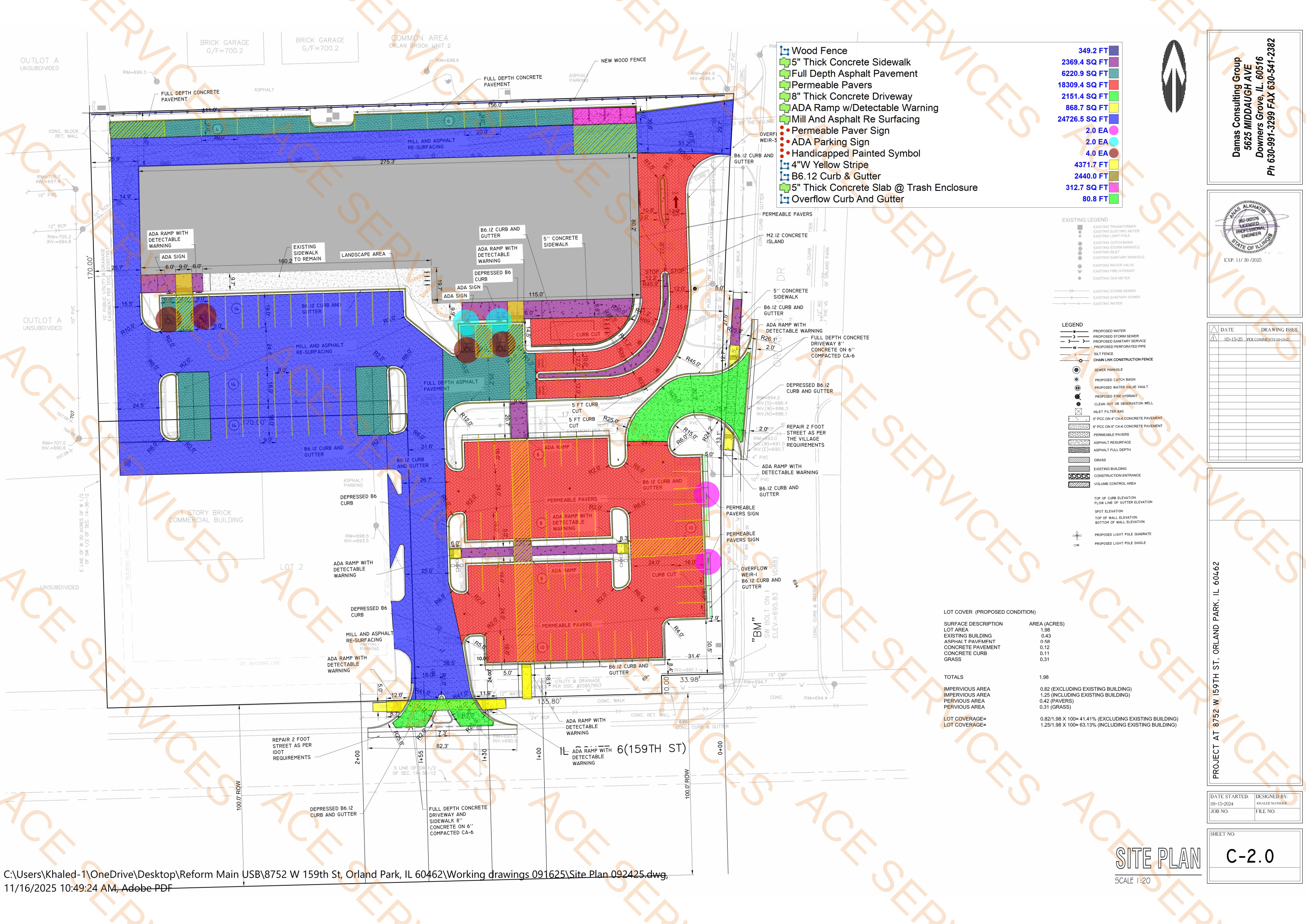




D-1.0

SCALE 1:20

C:\Users\Khaled-1\OneDrive\Desktop\Reform Main USB\8752 W 159th St, Orland Park, IL 60462\Working drawings 091625\Site Plan 092425.dwg
11/16/2025 10:46:49 AM Adobe PDF



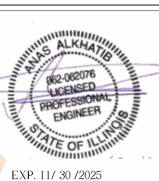


1. THE SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL AND SEDIMENTATION CONTROL OF LOCAL GOVERNMENT AGENCIES, PROCEDURES AND STANDARDS FOR URBAN SOIL AND SEDIMENTATION CONTROL IN ILLINOIS, AND IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION.
2. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
3. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW.
4. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE OWNER.
5. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO THE FIELD TILES OR STORMSEWER IS PROHIBITED.
6. PERMANENT OR TEMPORARY SOIL STABILIZATION MUST BE APPLIED WITHIN 15 CALENDAR DAYS OF THE END OF ACTIVE SOIL DISTURBANCE.
7. TRIANGULAR SILT DIKE BARRIER SHALL BE INSTALLED AND MAINTAINED AROUND THE INLET AND OUTLET STRUCTURES MANUFACTURED BY TRIANGULAR SILT DIKE COMPANY OR EQUAL.
8. SEDIMENTATION BASINS, BARRIERS, AND ALL APPROPRIATE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SORT OF SITE DISTURBING.
9. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER ANY STORM EVENT IN EXCESS OF 1/2".
10. SHOULD THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORMWATER RUNOFF TEMPORARILY INCREASE DURING CONSTRUCTION, THEN ADDITIONAL MEASURES TO PROTECT ADJACENT PROPERTIES SHALL BE UNDERTAKEN.
11. PROVIDE MINIMUM OF 6.0" TOP SOIL IN ALL UNPAVED DISTURBED AREAS. PLANTING, SEEDING AND SODDING WILL BE PROVIDED BY OWNER. SEE LANDSCAPE AND ENVIRONMENTAL FOR NEW PLANTING SOIL REQ.
12. THE TEMPORARY EROSION MEASURES SHALL REMAIN IN PLACE UNTIL ALL THE PERMANENT EROSION CONTROL ITEMS ARE FULLY FUNCTIONAL.
13. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLES WASHDOWN FACILITIES, SHALL BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED CONTINUOUSLY.
14. CONTRACTOR TO MAINTAIN A DRY SUBBASE SURFACE PRIOR TO BUILDING SLAB OR PAVEMENT CONSTRUCTION.
15. NO WORK MAY BEGIN ON SITE UNTIL ALL SOIL EROSION CONTROL MEASURES ARE IN PLACE.

- ### EXISTING LEGEND
- | | |
|---|---------------------------|
|  | EXISTING TRANSFORMER |
|  | EXISTING ELECTRIC METER |
|  | EXISTING LIGHT POLE |
|  | EXISTING CATCH BASIN |
|  | EXISTING STORM MANHOLE |
|  | EXISTING INLET |
|  | EXISTING SANITARY MANHOLE |
|  | EXISTING WATER VALVE |
|  | EXISTING FIRE HYDRANT |
|  | EXISTING GAS METER |
|  | EXISTING STORM SEWER |
|  | EXISTING SANITARY SEWER |
|  | EXISTING WATER |

- | LEGEND | |
|-------------------------------|------------------------------------|
| | PROPOSED WATER |
| | PROPOSED STORM SEWER |
| | PROPOSED SANITARY SERVICE |
| | PROPOSED PERFORATED PIPE |
| | SALT FENCE |
| | CHAIN LINK CONSTRUCTION FENCE |
| SEWER MANHOLE | |
| | PROPOSED CATCH BASIN |
| | PROPOSED WATER VALVE VAULT |
| | PROPOSED FIRE HYDRANT |
| | CLEAN OUT OR OBSERVATION WELL |
| INLET FILTER BAG | |
| | 5" PCC ON 4" C&G CONCRETE PAVEMENT |
| | 8" PCC ON 4" C&G CONCRETE PAVEMENT |
| | PERMEABLE PAVERS |
| | ASPHALT RESURFACING |
| | ASPHALT FULL DEPTH |
| | GRASS |
| | EXISTING BUILDING |
| | CONSTRUCTION ENTRANCE |
| | VOLUME CONTROL AREA |
| TOP OF CURB ELEVATION | |
| FLOW LINE OF GUTTER ELEVATION | |
| SPOT ELEVATION | |
| TOP OF WALL ELEVATION | |
| BOTTOM OF WALL ELEVATION | |
| PROPOSED LIGHT POLE QUADRATE | |
| PROPOSED LIGHT POLE SINGLE | |

Damas Consulting Group
5625 MIDDAUGH AVE
Downers Grove, IL. 60516
Ph 630-991-3299 FAX 630-541-2382

[illegible]

PROJECT AT 8752 W 159TH ST, ORLAND PARK, IL 60462

DATE STARTED: 08-15-2024	DESIGNED BY: KHALED MANSOUR
JOB NO:	FILE NO:

SHEET NO:

C-4.0

EROSION CONTROL PLAN

SCALE 1:20

- Painted Directional Arrow-Yellow Painted
- Pylon Sign Footing

22.0 EA
1.0 EA

PER CIVIL DRAWINGS

+

30'-0"

24'-0"

20'-9"

16'-0"

10'-5"

9'-0"

45'-0"

9'-0"

36'-0"

32'-3"

30'-11"

9'-0"

24'-0"

16'-0"

9'-0"

3'-0"

18'-6"

33'-8"

±34'-9"

26'-5"

24'-0"

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36'-8"

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81'-0"

99'-0"

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- NO PARKING LETTERS 1.0 EA
- Bicycle Parking 1.0 EA
- Painted Directional Arrow-Yellow Painted 2.0 EA
- Height Bar 2.0 EA
- Painted "Drive Thru" Letters 2.0 EA
- Painted Marker "STOP" 4.0 EA
- Painted "Exit" Letters With Arrow 1.0 EA
- "DO NOT ENTER" Letters 1.0 EA
- Trash Enclosure Wall @ 6'H 91.6 FT
- 6'H x 7' Opaque Lockable Gate 4.0 EA

PLAN KEY



PERVIOUS AREA



PERMEABLE PAVERS



ASPHALT

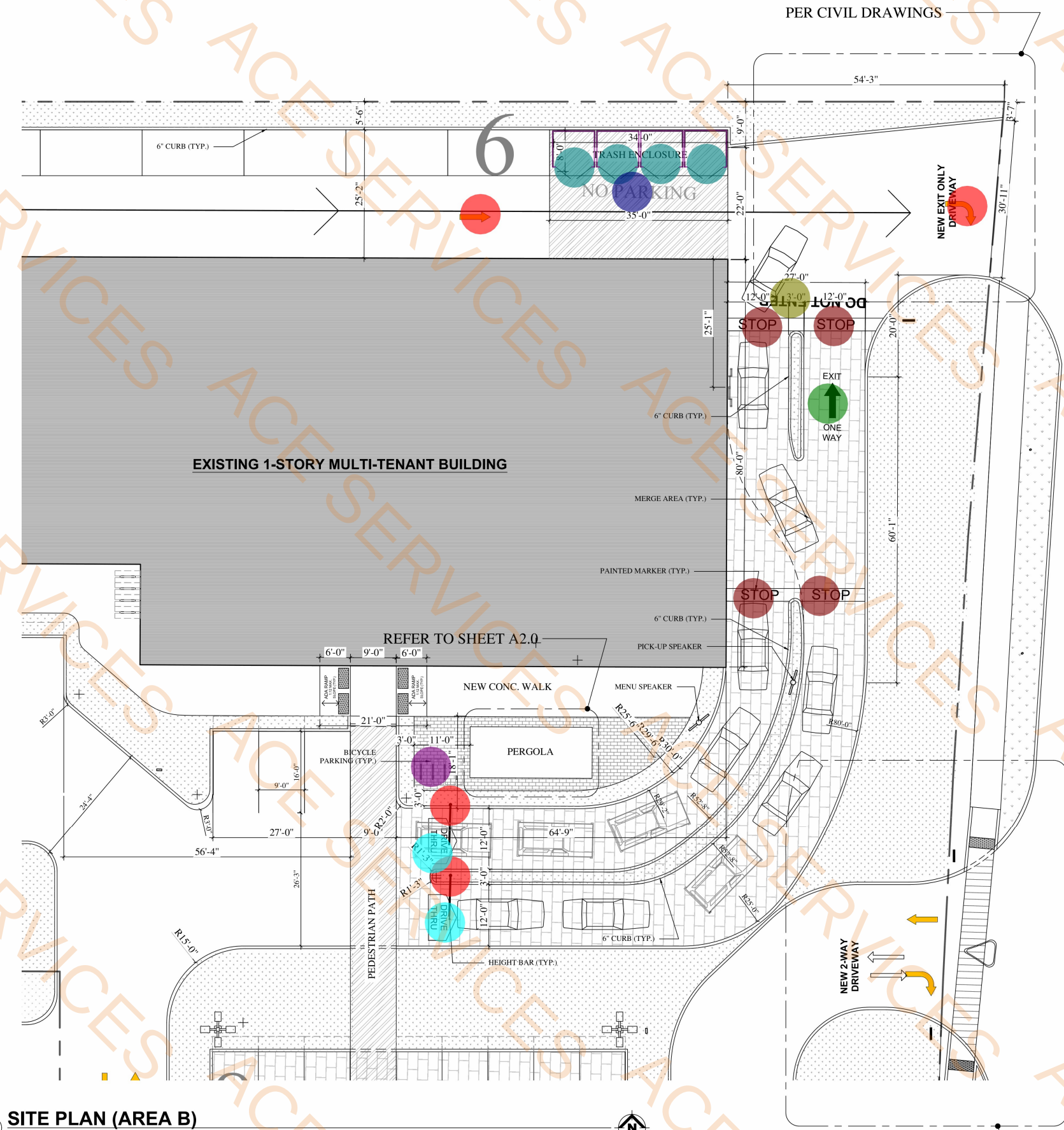
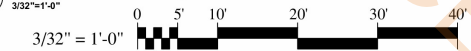


STRIPED CROSSWALK



CONCRETE

1 SITE PLAN (AREA B)



WMK.20 LLC

ARCHITECTURE, DESIGN
BUILDING CONSULTANTS

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WATERFALL PLAZA

PROJECT ADDRESS: 8752 W 159th St
Orland Park, IL 60462

DRAWING DATE: 05-02-2024



REVISIONS	WK	AT
R3: 08/04/2025		
R4: 09/28/2025		
R5: 12/03/2025		

DRAWN BY	CHECKED BY
WK	AT

SP1.2

NOT TO SCALE IF PLOTTED ON 11X17

- NO PARKING LETTERS
 - Bicycle Parking
 - Painted Directional Arrow-Yellow Painted
- 1.0 EA

1.0 EA

8.0 EA

PLAN KEY

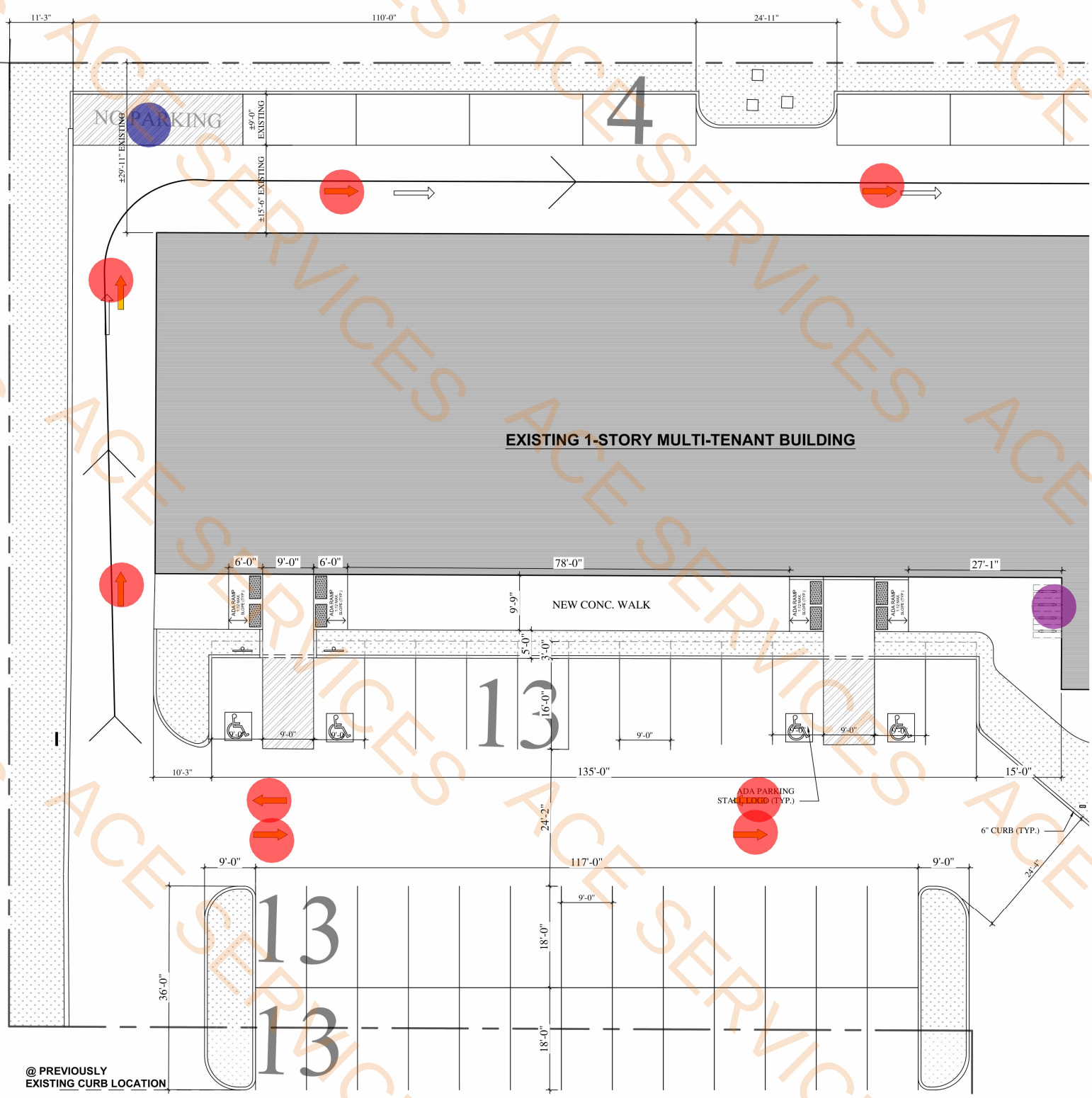
PERVIOUS AREA

PERMEABLE PAVERS

ASPHALT

STRIPED CROSSWALK

CONCRETE



1 SITE PLAN (AREA C)

3/32" = 1'-0"

0 5' 10' 20' 30' 40'

3/32" = 1'-0"

0 5' 10' 20' 30' 40'

3/32" = 1'-0"

0 5' 10' 20' 30' 40'

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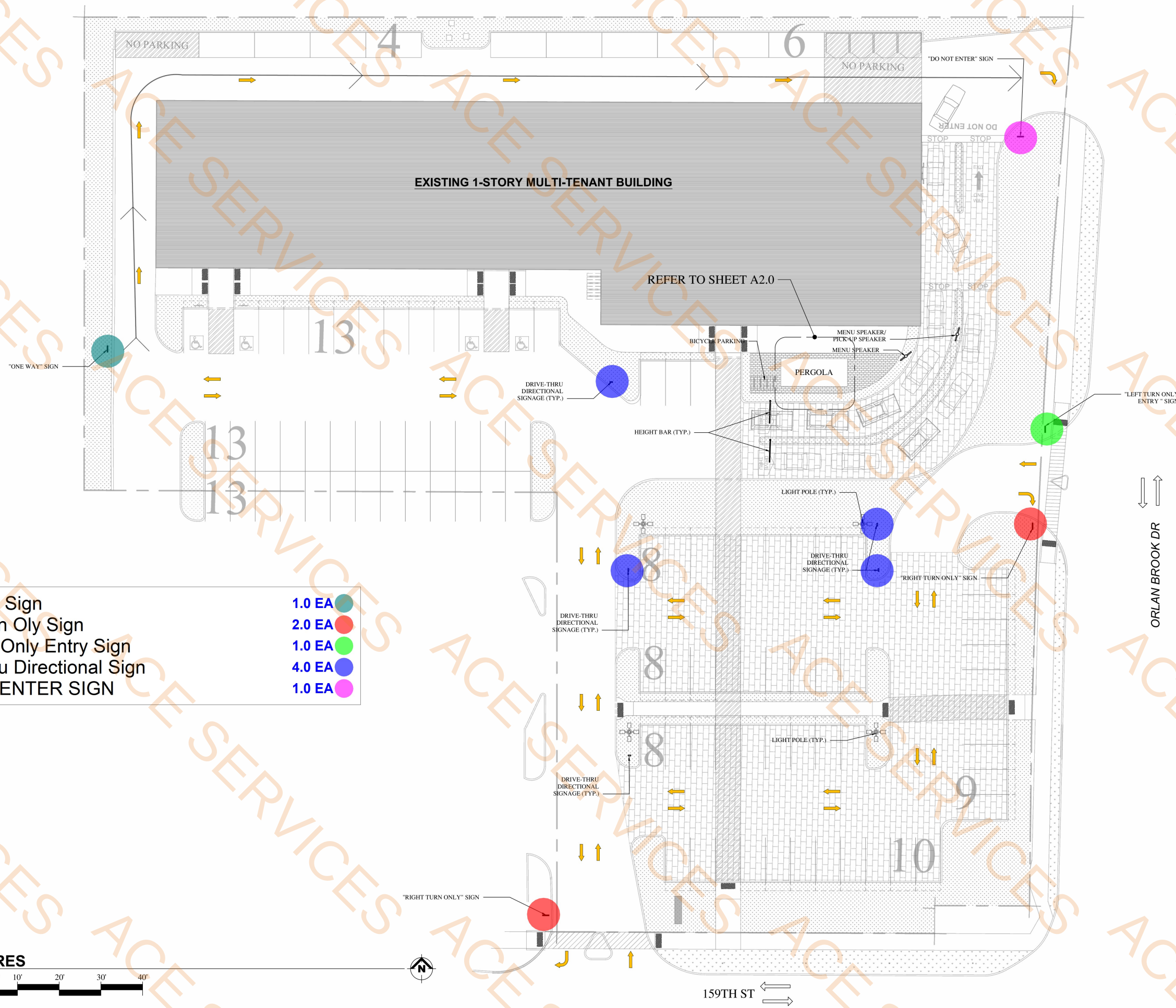
WATERFALL PLAZA

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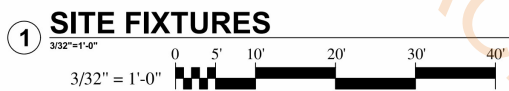
DRAWING DATE: 05-02-2024	REVISIONS	WK	AT
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DRAWN BY	CHECKED BY		

SP1.3

NOT TO SCALE IF PLOTTED ON 11X17



- One Way Sign
 - Right Turn Only Sign
 - Left Turn Only Entry Sign
 - Drive Thru Directional Sign
 - DO NOT ENTER SIGN
- | | | | | |
|--------|--------|--------|--------|--------|
| 1.0 EA | 2.0 EA | 1.0 EA | 4.0 EA | 1.0 EA |
| 1.0 EA | 2.0 EA | 1.0 EA | 4.0 EA | 1.0 EA |



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SP1.4

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WATERFALL PLAZA

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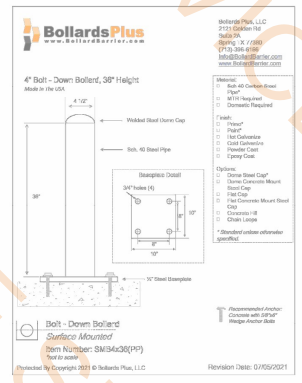
CHECKED BY

A2.2

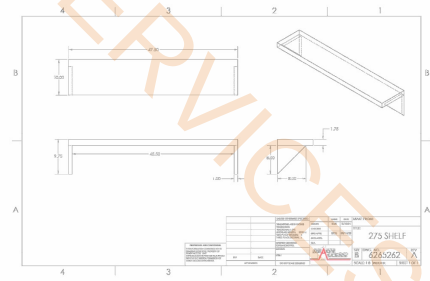
NOT TO SCALE IF PLOTTED ON 11X17

• Drive Thru Window
• Steel Lintel

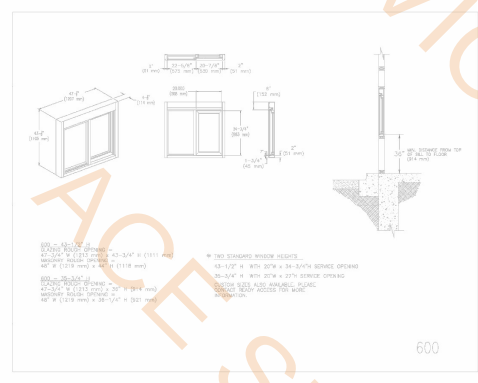
1.0 EA
1.0 EA



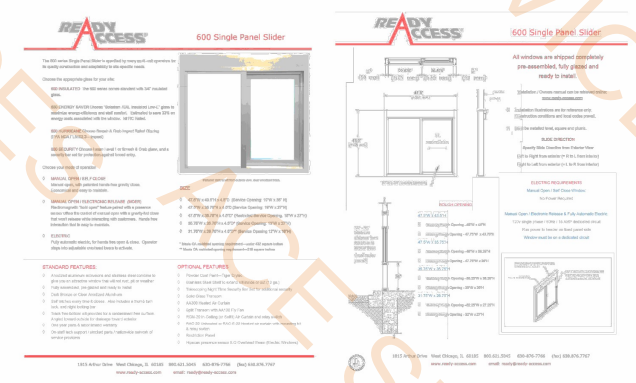
BOLLARD PLUS DRIVE-THRU WINDOW



DRIVE-THRU WINDOW SHEET



DRIVE-THRU WINDOW SHEET



DRIVE-THRU WINDOW SPECIFICATIONS SHEET

REVISIONS				
NO.	DATE	DESCRIPTION	BY	APP.
1	03-02-2026	ISSUED FOR PERMIT	AT	

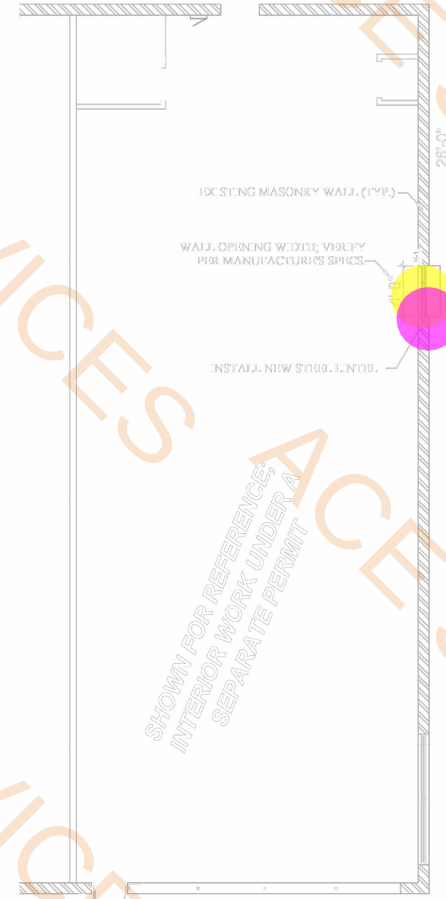
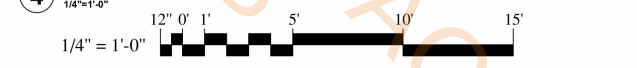
2 DEMO @ DRIVE-THRU WALL OPENING

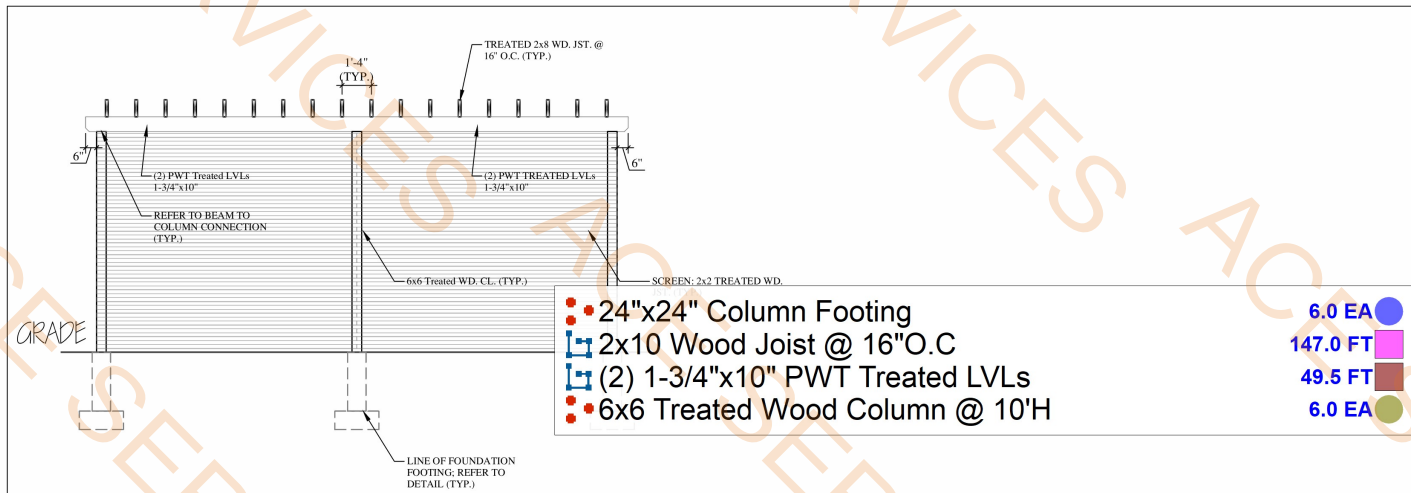


3 DRIVE-THRU WINDOW

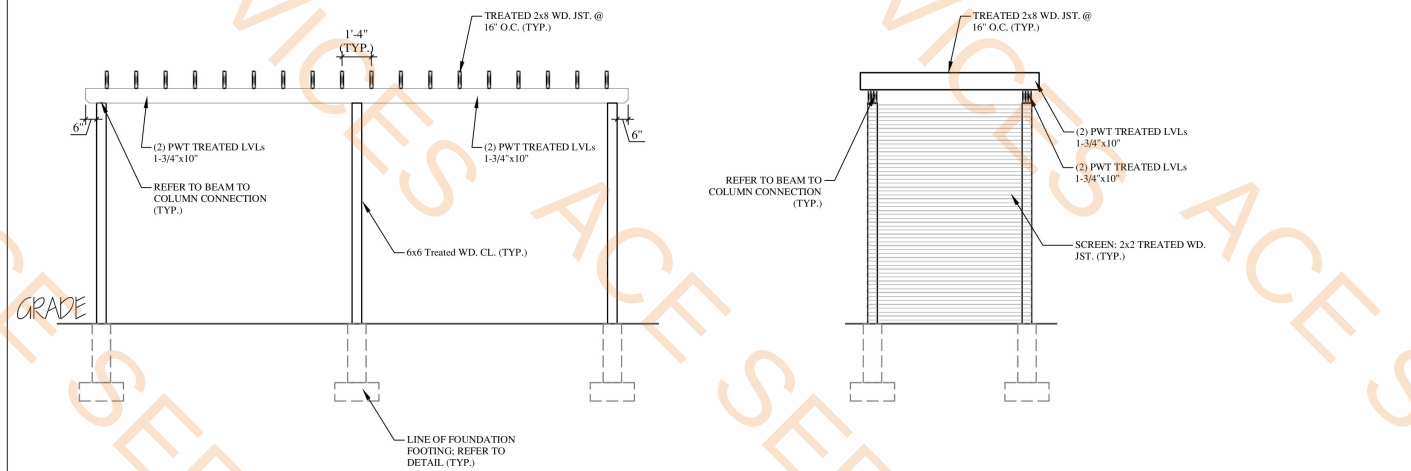


4 DEMO PLAN @ DRIVE-THRU WINDOW



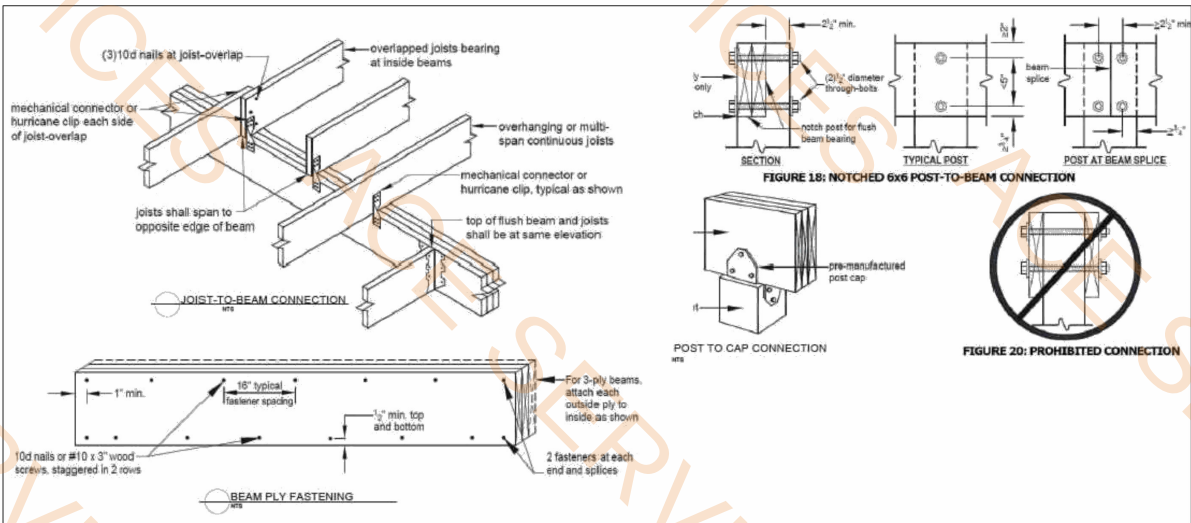


SOUTH ELEVATION (VIEW FROM PARKING LOT)

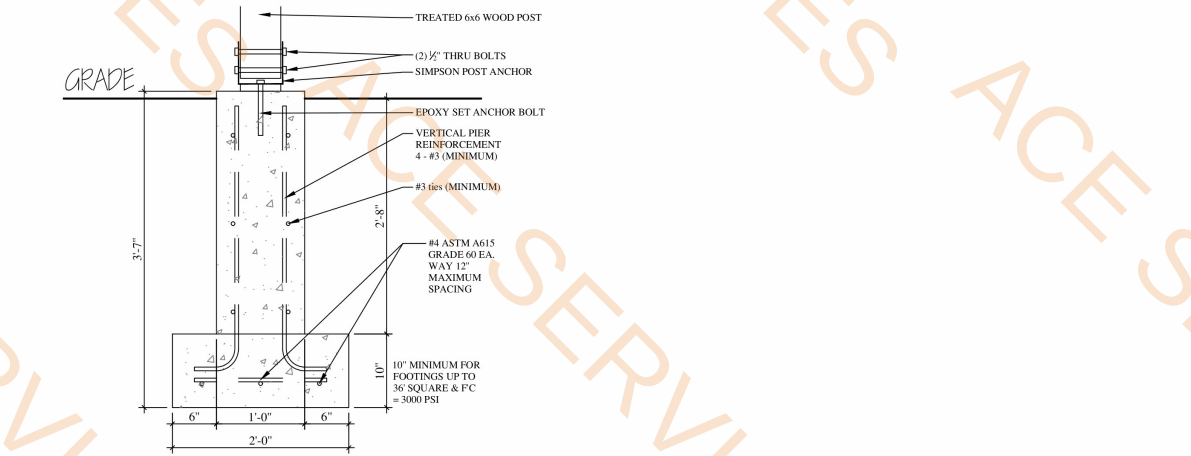


NORTH ELEVATION (VIEW FROM BUILDING)

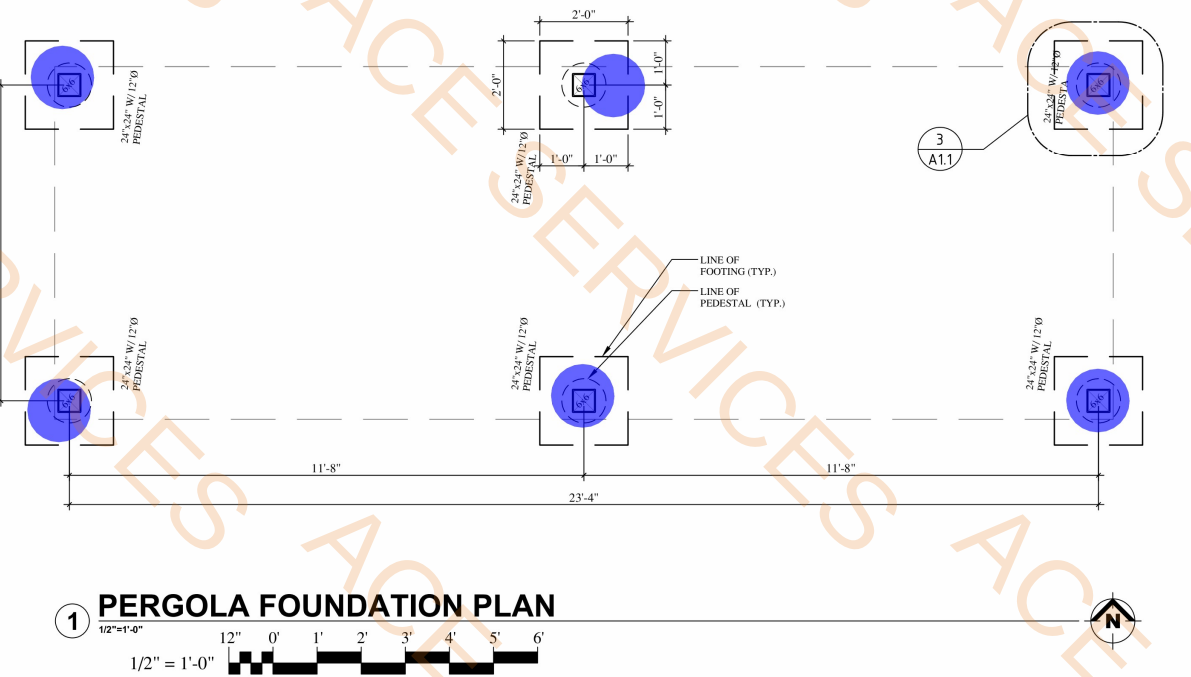
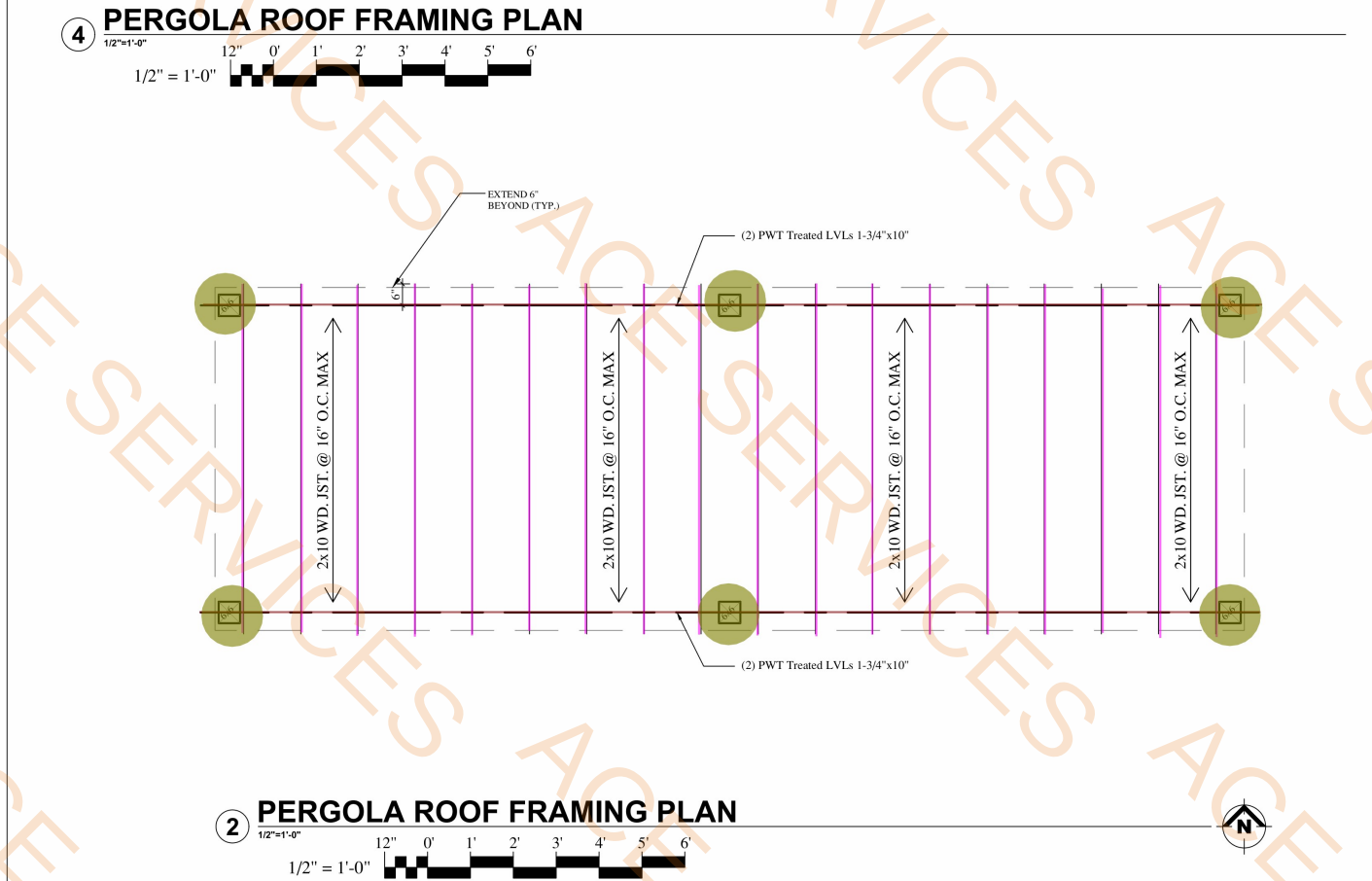
EAST/WEST ELEVATION (TYP. SIDE VIEW)



TYP. CONNECTIONS



TYP. FOOTING DETAIL @ COLUMN



PLAN KEY: EXTERIOR ELEVATIONS DEMOLITION

- 1

EXISTING STOREFRONT SYSTEM TO REMAIN. REPAIR OR REPLACEMENT OF COMPONENTS SHALL BE PERFORMED AS REQUIRED BASED ON FIELD CONDITIONS OR AS DIRECTED BY THE OWNER. NO CHANGE TO OVERALL SIZE. NON-STRUCTURAL WORK
- 2

EXISTING MAIN ENTRY DOOR W/ NEW. REPLACEMENT EXTERIOR DOOR, MORTIS LOCK CYLINDER & EXIT PADDLE HANDLE LATCH IN EGRESS DIRECTION - 8.5# CLOSER, ADA COMPLIANT HARDWARE. THRESHOLD TO BE MAX. 1/2" AND BEVELED, MIN. 10" BOTTOM RAIL (VERIFY W/ OWNER IF TO REPLACE)
- 3

EXISTING BRICK SOLDIER COURSE AT STOREFRONT WINDOW SILL TO REMAIN. REPAIR DAMAGED MASONRY AS REQUIRED AND PREPARE SURFACE FOR PAINT FINISH.
- 4

EXISTING EXTERIOR BRICK MASONRY WALLS SHALL REMAIN. CLEAN ALL MASONRY SURFACES, REMOVE LOOSE OR DETERIORATED MATERIAL, REPAIR DAMAGED BRICK UNITS, AND PERFORM SELECTIVE TUCKPOINTING WHERE MORTAR JOINTS ARE DETERIORATED. PREPARE MASONRY SURFACES FOR NEW EXTERIOR PAINT FINISH.
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- 6

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- 7

REMOVE EXISTING METAL COPING FROM PARAPET WALLS, INCLUDING FASTENERS AND SEALANTS. PROTECT ADJACENT MATERIALS DURING REMOVAL, PROPERLY DISPOSE OF REMOVED MATERIALS, AND PREPARE PARAPET SURFACES FOR INSTALLATION OF NEW COPING SYSTEM.
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- 9

REMOVE THE EXISTING SHINGLE CLADDING AT THE SLOPED FAÇADE AREA. INSPECT THE UNDERLYING SUBSTRATE AND FRAMING AND PERFORM REPAIRS AS REQUIRED. PROVIDE NECESSARY FURRING OR SHEATHING BUILD UP TO STRAIGHTEN THE SURFACE AND BRING IT INTO ALIGNMENT WITH THE ADJACENT EXISTING WALL PLANE, PREPARING THE AREA FOR NEW EXTERIOR FINISH INSTALLATION.
- 10

REMOVE EXISTING FRONT SOFFIT PANELS ALONG THE STOREFRONT CANOPY/OVERHANG. REMOVE AND TEMPORARILY DISCONNECT FIRE ALARM STROBE DEVICES AND EXISTING SOFFIT-MOUNTED LIGHTING FIXTURES. INSPECT AND REPAIR UNDERLYING FRAMING OR SUBSTRATE AS REQUIRED. PREPARE THE SURFACE TO RECEIVE A NEW SOFFIT FINISH. REINSTALL FIRE ALARM STROBE DEVICES AND PROVIDE NEW EXTERIOR LIGHTING FIXTURES AS PART OF THE NEW INSTALLATION.
- (10)

Remove Existing Front Soffit Panels
- (9)

Remove Existing Shingle Cladding
- (4)

Existing Exterior Brick Masonry Wall
- (2)

Replace Exterior Doors
- (7)

Remove Existing Metal Coping From Parapet Walls
- (5)

Repair Cracks, Patch up Damaged Parts
- (6)

Pump-Out Cement Plaster Finish To Be Removed
- (1)

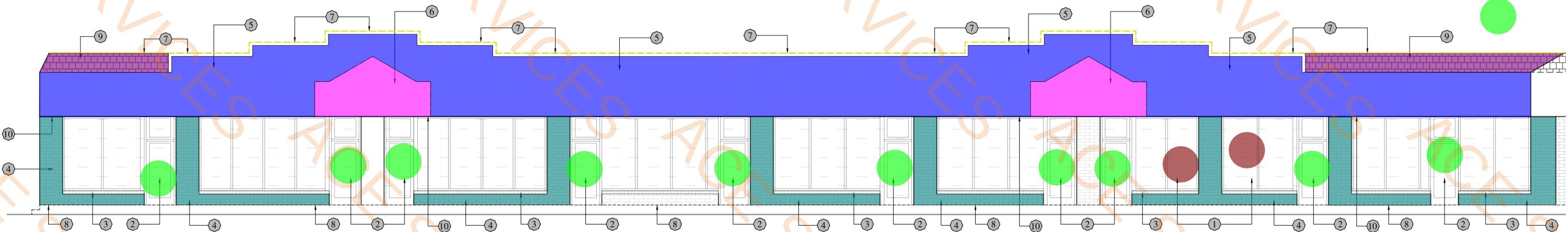
3"Wx7'-5"H Repair or Replacement As per Field Conditions

275.7 FT
201.3 SQ FT
536.4 SQ FT
14.0 EA
280.6 FT
1524.0 SQ FT
170.6 SQ FT
8.0 EA

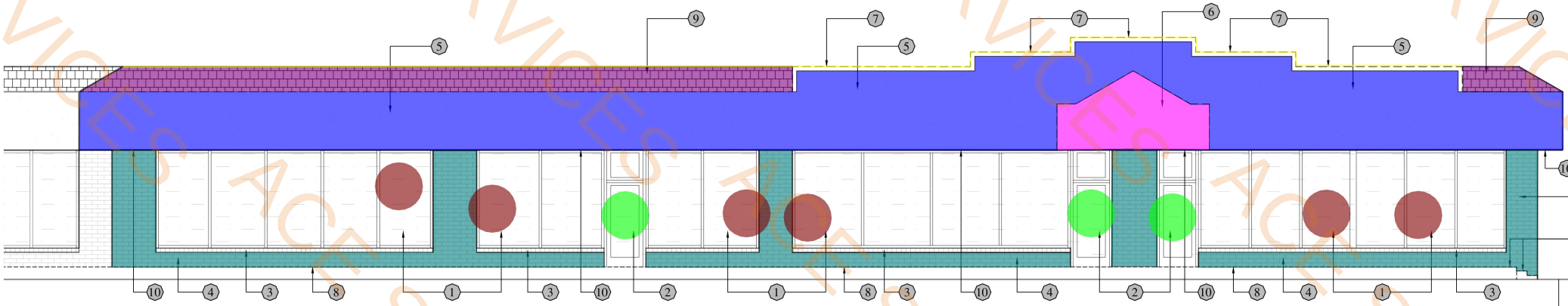
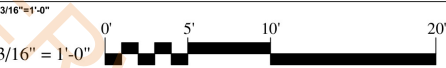
NOTE: PROTECT SITE AMENITIES IN PLACE.
REMOVE, STORE AND RE-INSTALL AS NEEDED.

GENERAL DEMO NOTES

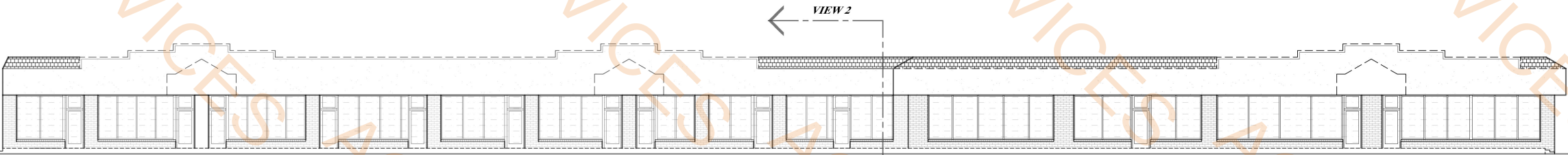
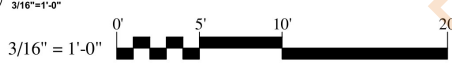
- PRIOR TO DEMOLITIONS OF WALLS, COLUMNS, FLOORS AND ROOFS, THE CONTRACTOR MUST VERIFY EXISTING STRUCTURAL CONDITIONS AND LOCATION OF ALL BEARING WALLS. NOTIFY THE ARCHITECT OF ANY STRUCTURAL CONDITIONS THAT ARE CONTRARY TO THESE DRAWINGS
- PROPERLY SHORE EXISTING STRUCTURE WHEN REMOVING COLUMNS, WALLS AND FLOORS. THIS PLAN SHOWS GENERAL DEMOLITION WORK TO BE PERFORMED AND DOES NOT RELIEVE THE CONTRACTOR OF OTHER DEMOLITION WORK REQUIRED TO PRODUCE THE BUILDING MODIFICATIONS SHOWN ON THE REMAINING CONTRACT DOCUMENTS, INCLUDING HVAC, ELECTRICAL & PLUMBING.
- PROTECT ALL EXISTING CONSTRUCTION SHOWN TO REMAIN FROM DAMAGE DURING CONSTRUCTION, FOR THE EXTENT OF THE DEMOLITION AND MODIFICATION.
- THE CONTRACTOR WILL SURPRISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR AND HAVE THE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, (UNLESS A SEQUENCE IS SPECIFIED BY THE OWNER) AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK.
- ALL LABOR, MATERIALS AND CONSTRUCTION MEANS AND METHODS SHALL COMPLY WITH ALL RULES, REGULATIONS AND ORDINANCES OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE WORK, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)
- THE CONTRACTOR WILL KEEP THE PREMISES FREE FROM THE ACCUMULATION OF WASTE MATERIAL AND RUBBISH AT THE COMPLETION OF THE WORK UNDER EACH PHASE.



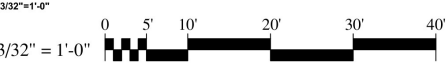
3 FRONT ELEVATION - SOUTH VIEW 2



2 FRONT ELEVATION - SOUTH VIEW 1



1 OVERALL FRONT ELEVATION (SOUTH)



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- 11

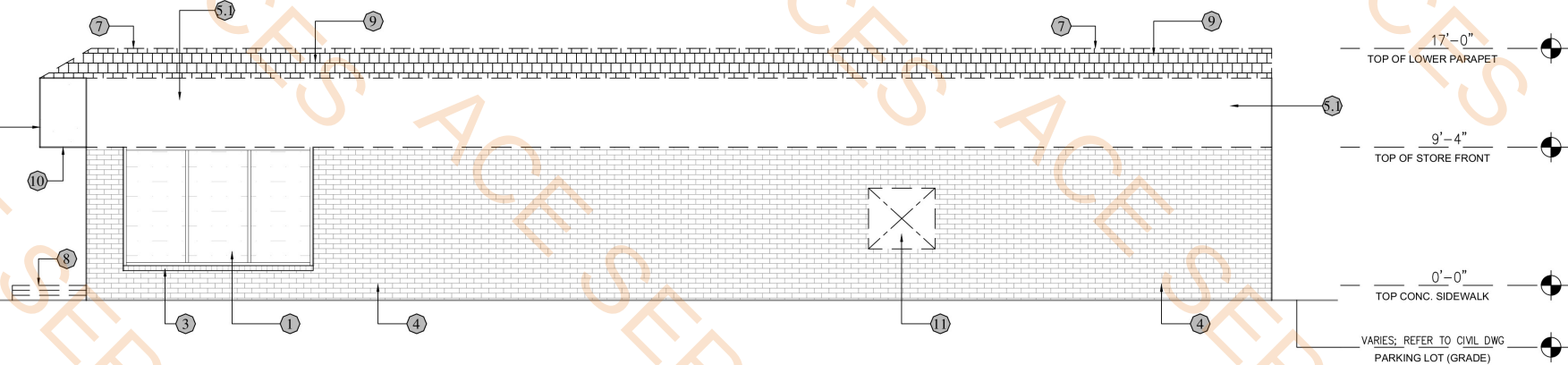
REMOVE A PORTION OF EXISTING EXTERIOR WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE THE NEW DRIVE-THRU WINDOW OPENING. SAW-CUT MASONRY AS REQUIRED AND REMOVE ASSOCIATED FINISHES, FRAMING, AND COMPONENTS WITHIN THE LIMITS OF THE NEW OPENING. REFER TO SHEET A2.1
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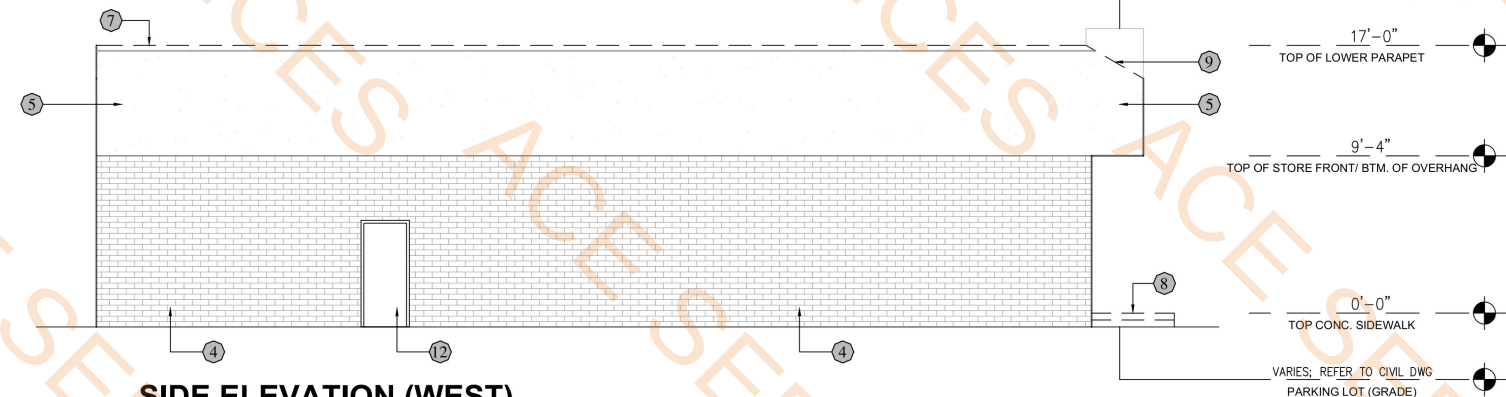
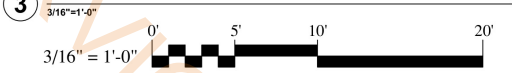
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REPAIR EXISTING RAMP/ STEPS AT REAR EXTERIOR DOORS OF COMMERCIAL SPACES. REMOVE RELATED MATERIALS WITHIN THE LIMITS OF WORK & PREPARE THE AREA FOR PROPOSED IMPROVEMENTS.
- 15

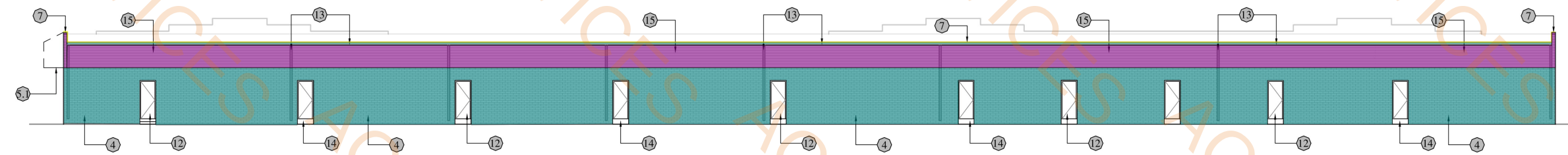
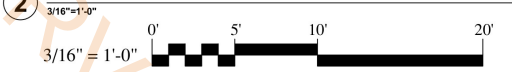
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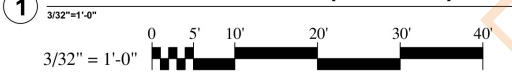
3 SIDE ELEVATION (EAST)



2 SIDE ELEVATION (WEST)



1 REAR ELEVATION (NORTH)



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BUILDING CONSULTANTS



WATERFALL PLAZA

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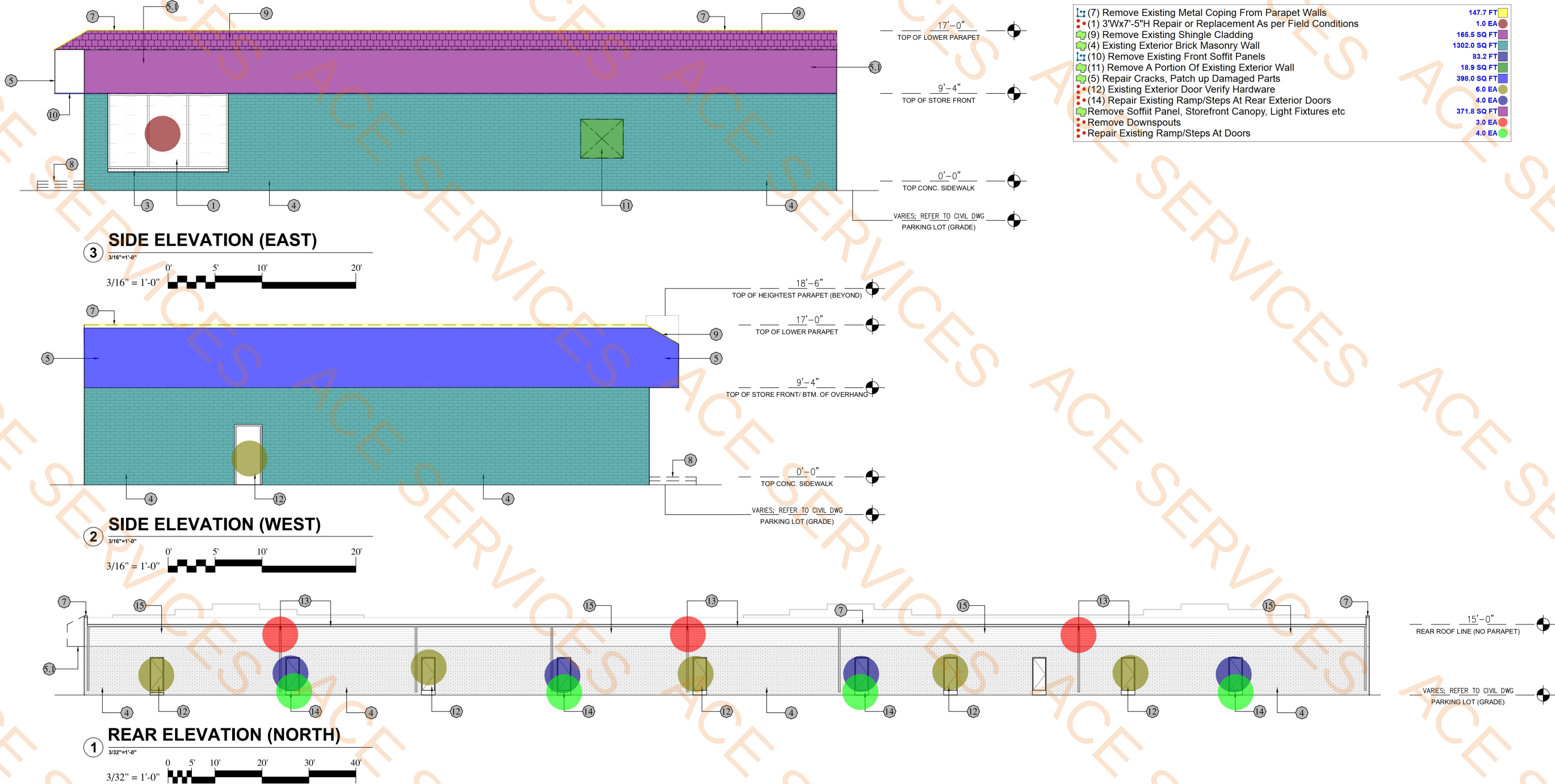
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DRAWING DATE: 03-02-2026



REVISIONS

WK

AT

DRAWN BY

CHECKED BY

A1.1

NOT TO SCALE IF PLOTTED ON 11X17

PLAN KEY: EXTERIOR ELEVATIONS PROPOSED

- 1 EXISTING STOREFRONT SYSTEM TO REMAIN. REPAIR OR REPLACEMENT OF COMPONENTS SHALL BE PERFORMED AS REQUIRED BASED ON FIELD CONDITIONS OR AS DIRECTED BY THE OWNER. NO CHANGE TO OVERALL SIZE. NON-STRUCTURAL WORK

2 EXISTING MAIN ENTRY DOOR W/ NEW. REPLACEMENT EXTERIOR DOOR, MORTIS LOCK CYLINDER & EXIT PADDLE HANDLE LATCH IN EGRESS DIRECTION - 8.5# CLOSER, ADA COMPLIANT HARDWARE; THRESHOLD TO BE MAX. 1/2" AND BEVELED, MIN. 10" BOTTOM RAIL (VERIFY W/ OWNER IF TO REPLACE)

3 EXISTING BRICK SOLDIER COURSE AT STOREFRONT WINDOW SILL TO BE PAINTED

4 EXISTING EXTERIOR BRICK MASONRY WALLS - SURFACES NEW EXTERIOR PAINT FINISH.

5 BRUSHED ALUMINUM FINISHES OVER EXISTING MASONRY WALLS AS INDICATED

6 BRUSHED BLACK FINISHES OVER EXISTING MASONRY WALLS AS INDICATED
- 7 ARCHITECTURAL METAL CLADDING (SCREEN) CUSTOM-CREATED DECORATIVE PANELS INSTALLED OVER STUCCO WALL

8 GRAY STUCCO EXTERIOR WALL SMOOTH BRUSH FINISH

9 TOP OF EXISTING STOREFRONT - CONTINUOUS OVERHANG CLADDING W/ BRUSHED BLACK FINISH

10 FLAT LOCK METAL PANEL; REFER TO SPECIFICATION SHEET (TYP.)

- (5) Brushed Aluminum Finishes

(6) Brushed Black Finish

(7) Architectural Metal Cladding

(8) Grey Stucco

Storefront Window Sill To Be Painted

A2.3/ Sec 1

A2.3/Sec 2
- 302.5 SQ FT

621.8 SQ FT

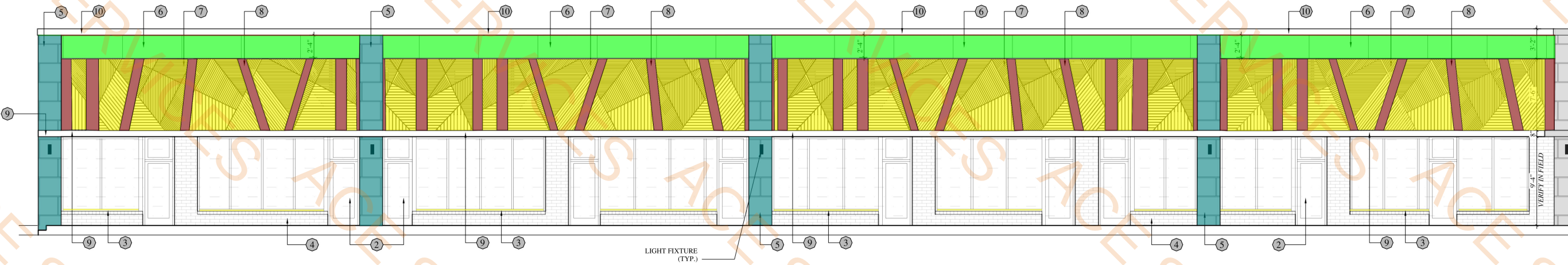
1527.2 SQ FT

410.7 SQ FT

184.6 FT

258.1 FT

15.7 FT

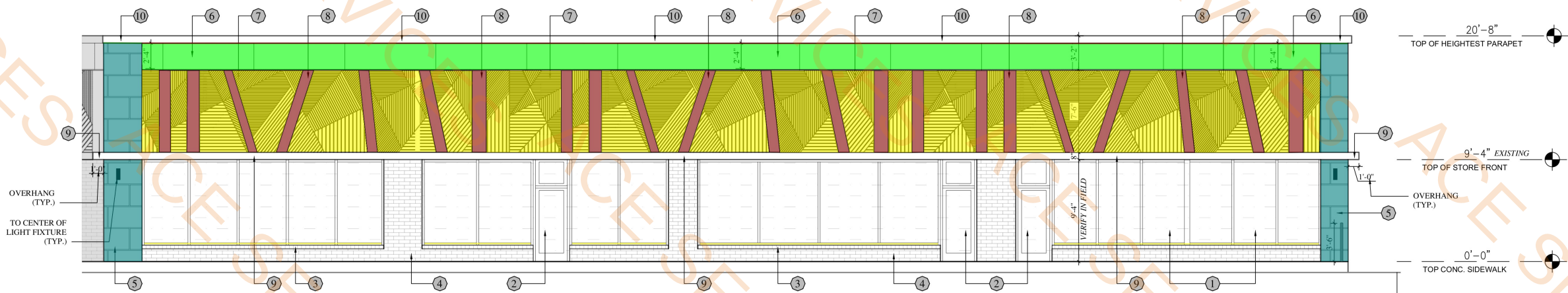


3 FRONT ELEVATION - SOUTH VIEW 2

3/16" = 1'-0"

0' 5' 10' 20'

3/16" = 1'-0"

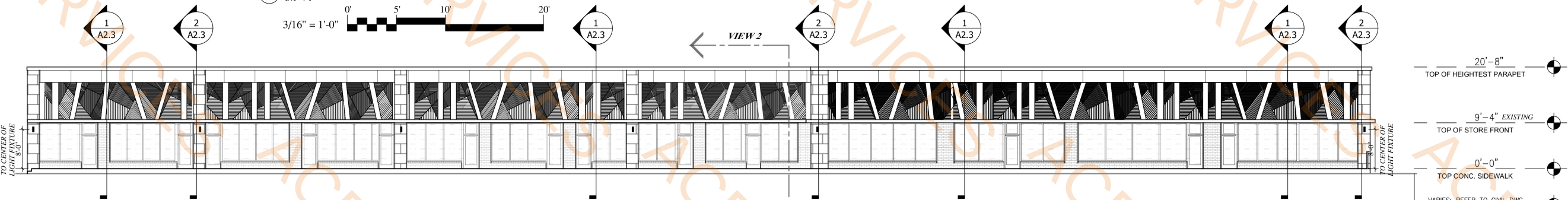


2 FRONT ELEVATION - SOUTH VIEW 1

3/16" = 1'-0"

0' 5' 10' 20'

3/16" = 1'-0"



1 OVERALL FRONT ELEVATION (SOUTH)

3/32" = 1'-0"

0' 5' 10' 20' 30' 40'

3/32" = 1'-0"

WMK.20 LLC

ARCHITECTURE, DESIGN
BUILDING CONSULTANTS



WATERFALL PLAZA

PROJECT ADDRESS: 8752 W 159th St
Orland Park, IL 60462

DRAWING DATE: 03-02-2026



REVISIONS

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CHECKED BY AT

A2.0

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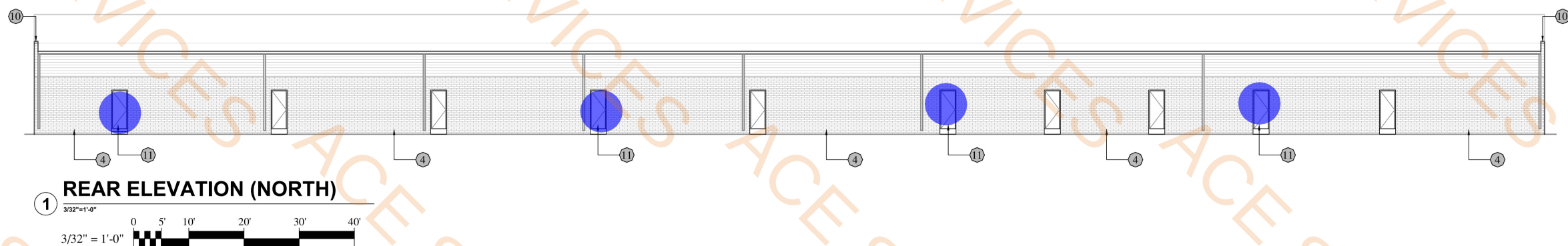
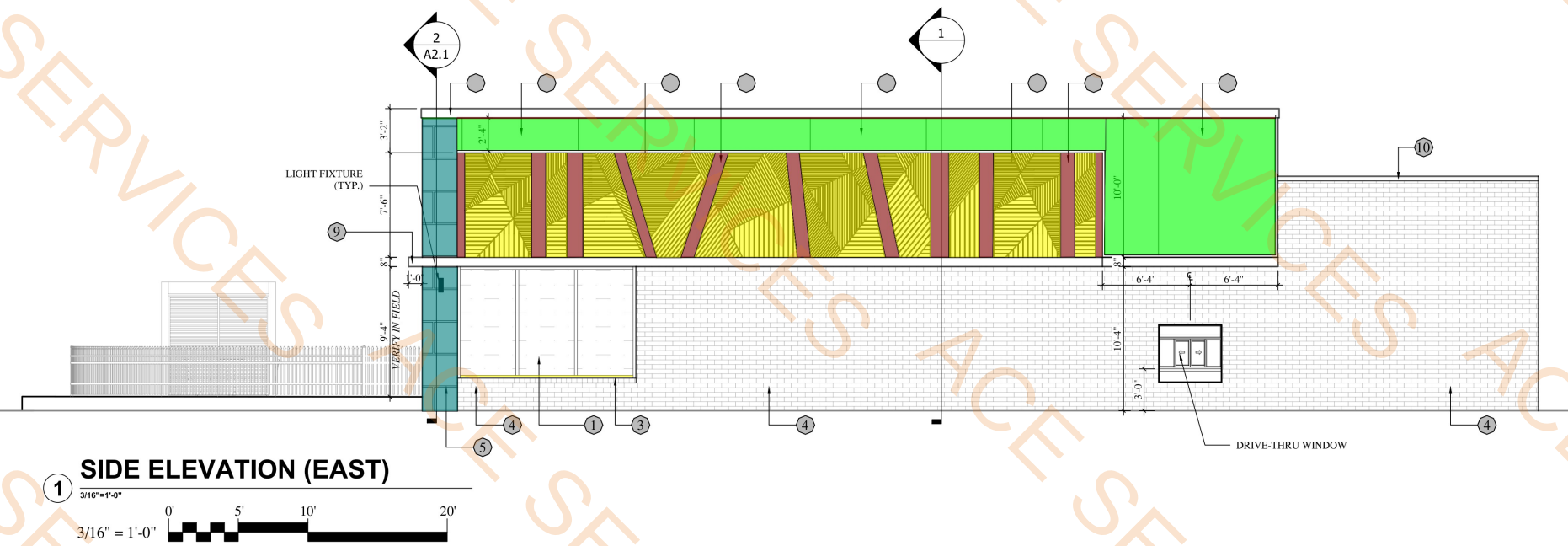
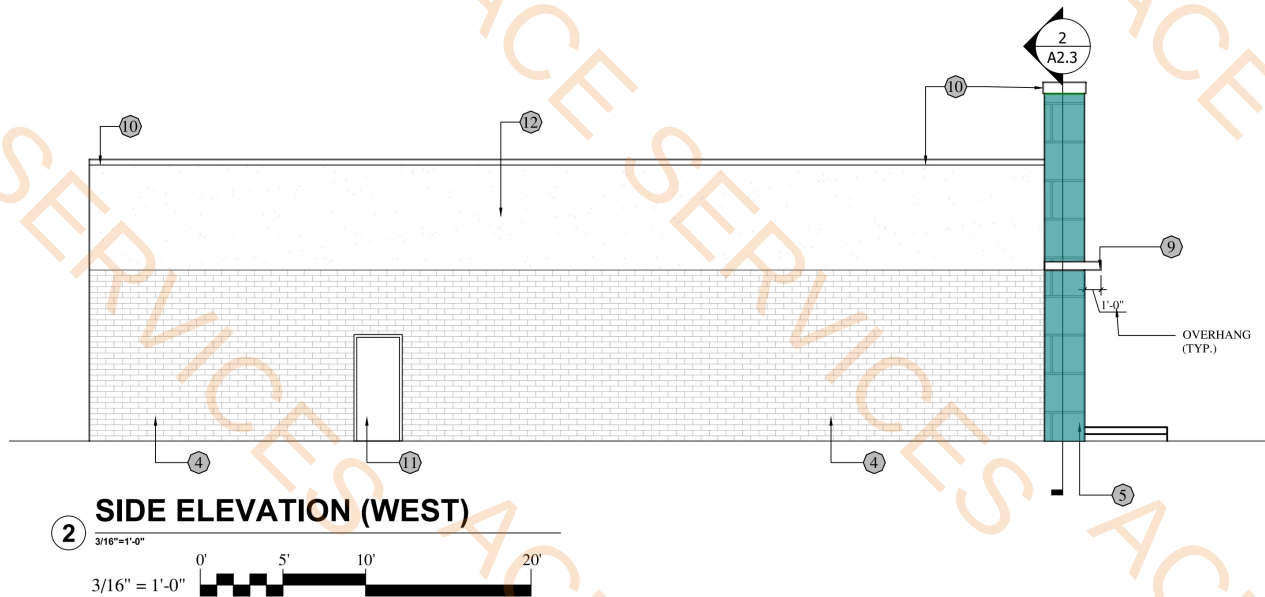
10 FLAT LOCK METAL PANEL; REFER TO SPECIFICATION SHEET (TYP.)

11 EXISTING METAL DOOR TO BE PAINTED

12 EXISTING EXTERIOR CEMENT PLASTER FINISH TO BE KEPT. REPAIR CRACKS. PATCH UP DAMAGED PARTS. GET RID OF LOOSE MATERIAL, AND CLEAN SURFACES AS NECESSARY. THOROUGHLY PREPARE PLASTER SUBSTRATE FOR APPLICATION OF NEW EXTERIOR COLOR COATING AND REFINISHING.

13 EXISTING VINYL SIDING TO REMAIN UNLESS OTHERWISE NOTED. REMOVE AND REPLACE DAMAGED OR DETERIORATED SECTIONS AS REQUIRED. REMOVE LOOSE OR FAILING MATERIALS AND PREPARE SURFACES FOR REPAIR OR REFINISHING. EXTENT OF REMOVAL AND REPLACEMENT TO BE COORDINATED WITH THE OWNER.

(5) Brushed Aluminum Finishes	100.4 SQ FT
(6) Brushed Black Finish	227.1 SQ FT
(7) Architectural Metal Cladding	272.7 SQ FT
(8) Grey Stucco	74.5 SQ FT
Storefront Window Sill To Be Painted	12.4 FT
Existing Metal Door Paint	4.0 EA
A2.3/ Sec 1	58.8 FT
A2.3/Sec 2	4.9 FT



WMK.20 LLC



WATERFALL PLAZA

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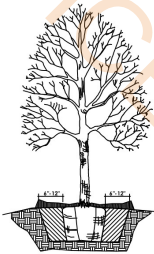
NOT TO SCALE IF PLOTTED ON 11X17

Landscape Development Plan

WATERFALL PLAZA

Landscape Notes:

- Seed Sod line is approximate. Seed Sod to limits of grading and disturbance. Contractor responsible for restoration of any unauthorized disruption outside of designated construction area.
- Contractor responsible for erosion control in all seeded/sodded areas.
- Tree mulch rings in turf areas are 5' diameter. Contractor shall provide a mulch ring around all existing trees within the limits of work. Remove all existing grass from area to be mulched and provide a typical spade cut edge. Landscape fabric shall not be installed under mulch.
- Bedlines are to be grade cut to a minimum depth of 3". Curved bedlines are to be smooth and not segmented.
- All gardens, beds, shall receive top dressing of mulch. Landscape fabric shall not be installed under mulch.
- Do not locate plants within 10' of utility structures or within 5' horizontally of underground utility lines unless otherwise shown on plans. Consult with Landscape Architect if these conditions exist.
- For Lump Sum Contracts, plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn and specified. No additional payments will be made for materials required to complete the work as drawn and specified.
- It is the responsibility of the contractor to locate and provide plant material as specified on this plan. The contractor may submit a request to provide substitutions for the specified plant material under the following conditions:
 - Any substitutions proposed shall be submitted to the project owner's representative within two weeks of the award of contract. Substitutions must meet equivalent design and functional goals of the original materials as determined by the owner's representative. Any changes must have the approval of the owner's representative.
 - The request will be accompanied by at least three notices from plant material suppliers that the plant material specified is not available and will not be available prior to construction.
 - Verify site conditions and information on drawings. Promptly report any concealed conditions, mistakes, discrepancies or deviations from the information shown in the Contract Documents. The Owner is not responsible for unauthorized changes or extra work required to correct unreported discrepancies. Commencement of work shall constitute acceptance of conditions and responsibility for corrections.
 - A minimum of two working days before performing any digging, call underground service alert for information on the location of natural gas lines, electric cables, telephone cables, etc. The contractor shall be responsible for location and protection of all utilities, and repair of any damage resulting from his work at no additional cost to the owner.
 - Refer to landscape specifications for additional conditions, standards, and notes.
 - Owner is responsible for watering and maintaining the plant material.



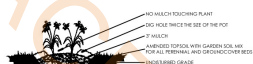
DECIDUOUS / ORNAMENTAL TREE PLANTING DETAIL



EVERGREEN TREE PLANTING DETAIL



DECIDUOUS / EVERGREEN SHRUB PLANTING DETAIL



PERENNIAL / GRASS / GROUND COVER PLANTING DETAIL

PLANT SCHEDULE

SHADE TREES				
COMMON NAME	BOTANICAL NAME	CONT	SIZE	QTY
Triumph Elm	Ulmus Mortonii 'Glasgow'	64B	24"	7
Frontier Elm	Ulmus 'Frontier'	64B	24"	4
Skyline Honeylocust	Gleditsia trancanthos 'Skyline'	64B	24"	2
Princeton Sentry Ginkgo	Ginkgo biloba 'Princeton Sentry'	64B	24"	2
Pine Oak	Quercus palustris	64B	24"	3
Swamp White Oak	Quercus bicolor	64B	24"	2
Kentucky Coffeetree	Gymnocladus dioica	64B	24"	3
Greenspire Linden	Tilia cordata 'Greenspire'	64B	24"	6
Sugar Maple	Acer saccharum	64B	24"	7
Royal Red Maple	Acer platanoides 'Royal Red'	64B	24"	7
Exclamation London Planetree	Platanus x acerifolia 'Morton Circle'	64B	24"	6
Armstrong Maple	Acer x freemanii 'Armstrong'	64B	24"	4
ORNAMENTAL TREES				
COMMON NAME	BOTANICAL NAME	CONT	SIZE	QTY
Autumn Brilliance Serviceberry	Amelanchier x grandiflora 'Autumn Brilliance'	64B	6"	2
Elk River Redbud	Cercis canadensis	64B	6"	6
Adams Crabapple	Malus 'Adams'	64B	6"	4
Prinfire Crabapple	Malus 'Prinfire'	64B	6"	4
Cornelian Cherry Dogwood	Cornus mas	64B	6"	2
DECIDUOUS SHRUBS				
COMMON NAME	BOTANICAL NAME	CONT	SIZE	QTY
Little Lime Hydrangea	Hydrangea paniculata 'Jani' TM	CONT	5 gal	14
LimeLight Hydrangea	Hydrangea paniculata 'LimeLight'	64B	30"	7
Strawberry Sundae Hydrangea	Hydrangea paniculata 'Strawberry Sundae'	CONT	5 gal	14
Bobo Hydrangea	Hydrangea paniculata 'Bobo'	CONT	3 gal	6
Redwing Dogwood	Cornus sericea	64B	36"	9
Gray Dogwood	Cornus racemosa	64B	36"	29
Blooming Lilac	Syringa x 'Blosserang'	64B	24"	14
Chicago Lustre Viburnum	Viburnum dentatum 'Symmetrica'	64B	36"	20
American Cranberry-bush Viburnum	Viburnum trilobum	64B	36"	12
Judd Viburnum	Viburnum x juddii	64B	30"	8
Black Chokeberry	Aronia melanocarpa	64B	36"	13
Gro-Low Sumac	Rhus aromatica 'Gro-Low'	CONT	5 gal	72
Birchleaf Spiraea	Spiraea betulifolia	CONT	5 gal	21
New Jersey Tea	Caradus americanus	CONT	5 gal	10
Double Knockout Rose	Rosa 'Radiko'	CONT	3 gal	43
Wine and Roses Weigela	Weigela florida	CONT	5 gal	18
EVERGREEN SHRUBS				
COMMON NAME	BOTANICAL NAME	CONT	SIZE	QTY
Green Velvet Boxwood	Buxus x 'Green Velvet'	64B	18"	9
Greige Mountain Boxwood	Buxus x 'Green Mountain'	64B	24"	2
Golden Mop Cypress	Juniperus horizontalis 'Aurea Compact'	CONT	3 gal	10
Canada Yew	Taxus canadensis	64B	24"	23
Shamrock Inkberry	Ilex glabra 'Shamrock'	64B	18"	16
Dense Yew	Taxus x media	64B	24"	16
Common Juniper	Juniperus communis	64B	24"	6
Fire Chief Arborvitae	Thuja occidentalis 'Conspice'	64B	18"	11
ORNAMENTAL GRASSES				
COMMON NAME	BOTANICAL NAME	CONT	SIZE	QTY
Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	POT	1 GAL	3
Dwarf Fountain Grass	Fennisetum alopecuroides 'Hansel'	POT	1 GAL	26
Heavy Metal Switch Grass	Panicum virgatum 'Heavy Metal'	POT	1 GAL	10
Northwind Switch Grass	Panicum virgatum 'Northwind'	POT	1 GAL	15
Shenandoah Switch Grass	Panicum virgatum 'Shenandoah'	POT	1 GAL	20
Zebra Maiden Grass	Miscanthus sinensis 'Zebrinus'	POT	1 GAL	7
Prune Dropseed	Sporobolus heterolepis	POT	1 GAL	29
Elijah Blue Fescue	Festuca glauca 'Elijah Blue'	POT	1 GAL	16
PERENNIALS				
COMMON NAME	BOTANICAL NAME	CONT	SIZE	QTY
Stachys Hummel	Stachys officinalis 'Hummel'	POT	1 GAL	116
Happy Returns Daylily	Heimerialis 'Happy Returns'	POT	1 GAL	122
Little Suzy Black-Eyed Susan	Rudbeckia fulgida 'Vette's Little Suzy'	POT	1 GAL	50
Purple Coneflower	Echinacea purpurea	POT	1 GAL	52
Black Eyed Susan	Rudbeckia hirta	POT	1 GAL	10
Blazing Star	Liatris spicata	POT	1 GAL	72
Summer Beauty Allium	Allium 'Summer Beauty'	POT	1 GAL	20
Common Milkweed	Asclepias syriaca	POT	1 GAL	42
Max Fre Geranium	Geranium sanguineum 'Max Fre'	POT	1 GAL	19
May Night Salvia	Salvia nemorosa 'Mansholt'	POT	1 GAL	26

Trees Mulching

24768.1 SQ FT

8752 W 159th Street
Orland Park, Illinois

sheet: SHEET 1 OF 5

date: 22 AUGUST 2025

project no.:



north:

drawn: TM

checked: TM

scale: 1" = 20'-0"

3	1/14/26	1	9/18/25
4	3/9/26	2	9/28/25

revisions:



TOMEK DESIGN
landscape architectural design