PHILLIPS Architects & Contractors, Ltd.



Narrative for:

Walser KIA

15700 & 15724 Wayzata Blvd. Minnetonka, MN March 6, 2023

Contact Information

Architect:

PHILLIPS Architects & Contractors, Ltd. Attn.: David A. Phillips, President 401 North Third Street, Suite 450 Minneapolis, MN 55401

Cell: 612-868-1261

Email: dphillips@phillipsarchitects.com

Owner:

Walser Real Estate, LLC Attn.: John Brennan 7700 France Ave S, Suite 410N Edina, MN 55435

Cell: 952-653-3575 Jbrennan@walser.com

Applicant:

Westwood Professional Services Attn.: Shari Ahrens 12701 Whitewater Drive, Suite 300 Minnetonka, MN 55343 Ph. 952-937-5150 Shari.ahrens@westwoodps.com

Brief Project Description

Walser Automotive Group has been awarded a new KIA franchise on their property at 15700 & 15724 Wayzata Boulevard in Minnetonka. This facility will initially create 35-50 new well-paying jobs. The jobs are all new because this is a new dealership and not a relocation of an existing auto dealership. These salesperson, technician and other jobs will average more than \$65,000 each excluding the higher paid managers.

Walser Automotive Group proposes to construct a new partial two story 32,900 SF dealership facility for the new KIA franchise. It will be constructed in the approximate location of the existing building on the southern portion of the lot. Most of the parking storage will be screened behind the building.

Plat

The Walser site will be platted to combine the two existing lots (PIN 0411722230001 & 0411722230002) into one lot. The combined properties will be 11.379 acres. A substantial portion of the property is wetlands. The preliminary and final plat have been submitted for approval.

Zoning Requests

In addition to the preliminary and final plat, Walser is requesting site and building plan approval, a CUP for the outdoor storage, and a variance (see application) for setbacks and floodplain and wetland alteration. A full set of civil plans as well as the architectural site, floor plan and elevations describing materials and colors are submitted with the application. A photorealistic rendering of the proposed building will be submitted prior to the Planning Commission meeting.

<u>Partial List of Project Benefits</u>

The existing building elevation and parking lot would not meet Minnetonka's proposed new floodplain regulations. This redevelopment will ensure the project is compliant with the proposed new floodplain regulations.

Walser will be paving the site with pervious concrete pavement over a specially prepared subbase. This will be one of the larger pervious pavement projects in the Twin Cities.

Walser will collect rain water from the roofs in a cistern with a capacity of about 18 - 20,000 gallons. Rain water is soft water. Walser proposes to use this rain water in the carwash as well as for lawn irrigation.

KIA is a leader in electric vehicles (EV). This new facility is designed to accommodate the ongoing need for servicing EV's and their batteries. There will be both level 2 and level 3 fast chargers on the site.

CUP

A CUP for outdoor storage is requested. The majority of the parking (more than 50%) is behind the building and screened from the frontage road and Highway 12. A berm and new conifer tree plantings will screen the parking from the residential across the wetland to the north. There are 287 inventory, service and employee parking behind the building and 69 customer stalls, display parking and completed service parking in front of the building.

Scheduling

Walser plans to solicit construction bids in June of 2023 for an August construction start. Occupancy of the new dealership building would be expected about September 15, 2024.

Hours of Operation

Walser KIA sales hours will be 8:30 AM to 9:00PM Monday through Thursday. The sales closes at 6:00PM on Fridays and Saturdays. The service employees arrive at 6:30AM and open at 7:00AM Mondays through Friday, closing at 7:00 PM. Service is open 7:00AM to 6:00PM on Saturdays.

Civil Engineering and Landscaping

Civil engineering plans including a landscape plan has been submitted with this zoning application. These plans address floodplain and wetland issues on the site. The project is designed to meet the new floodplain standards that the City will be adopting. Civil engineering plans are also being submitted to the watershed.

Site Lighting & Freeway Pylon Sign

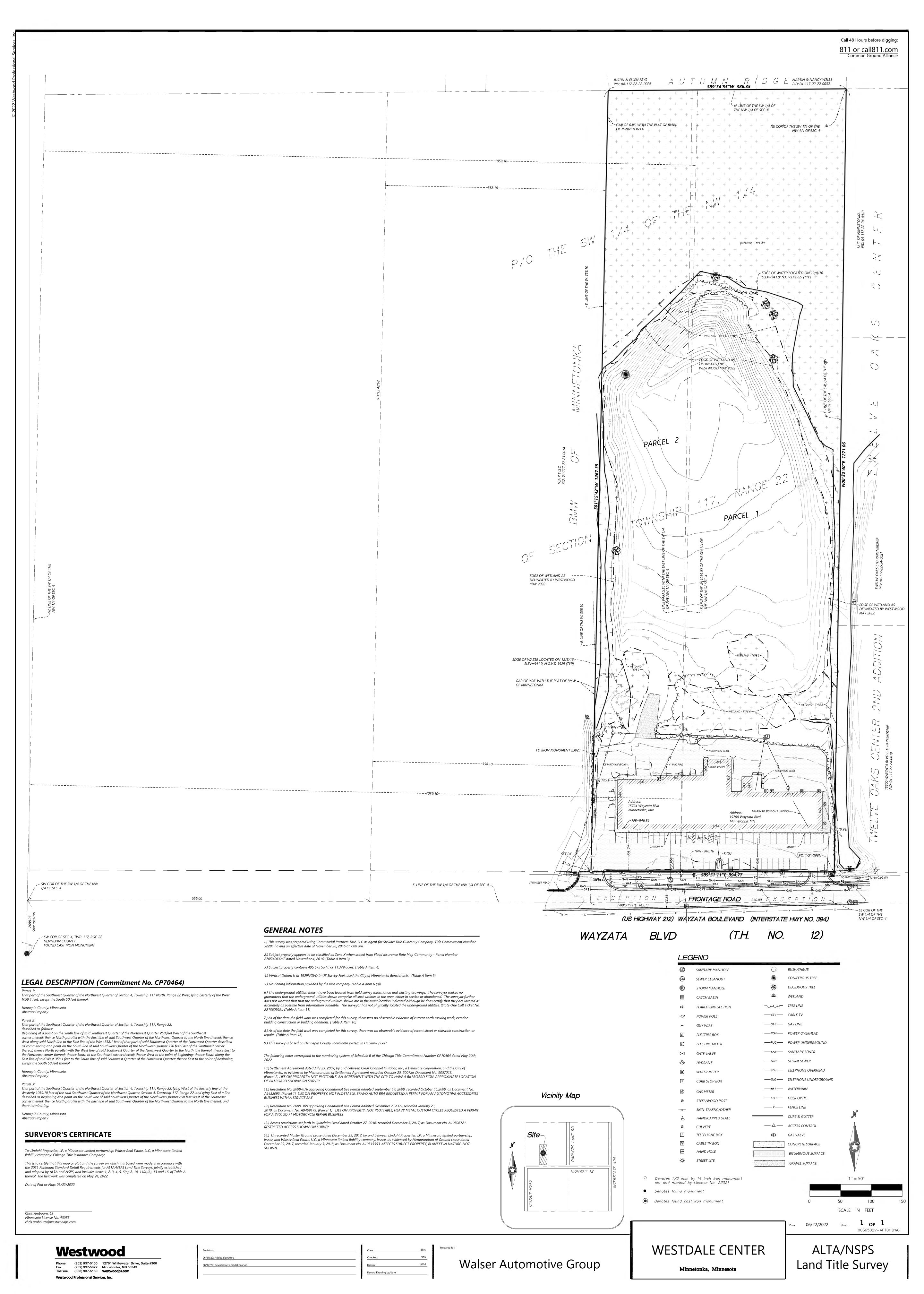
A Lighting plan has been submitted for the lot. The perimeter light fixtures will have skirts shielding the lighting to the north. The project will have all new site lighting using the latest LED technology. The fixtures will be dimmable and have motion sensors for night security. The computer-controlled lighting will be set to meet the city requirements. The site lighting will be dimmed at 10:00 PM to minimum security lighting levels.

KIA is currently updated their exterior pylon designs. A separate application for a pylon sign conforming to the City's sign ordinance will be made when the new design is available.

Building Materials

The dealership building will have scored precast wall panels will integrally cast in color matching Benjamin Moore for the service shop and carwash. The service write-up on the south side will have black and gray ACM and glass exterior with glass overhead doors. The showroom portion of the building will be glass curtain wall and a black ACM fascia. This will wrap partially around the north and south sides.

PHILLIPS Architects on behalf of Walser Automotive Group respectively requests the City Council approval of these zoning applications.



CITY ENTITLEMENT SUBMITTAL



Vicinity Map

FOR

WALSER KIA MINNETONKA

MINNETONKA, MN

PREPARED FOR:

WALSER REAL ESTATE, LLC

7700 FRANCE AVENUE SOUTH SUITE 410 N

EDINA, MN 55435

CONTACT: JOHN BRENNAN

PHONE: 952-653-3575

EMAIL: JBRENNAN@WALSER.COM

PREPARED BY:

Westwood Professional Services, Inc.

Westwood

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300 Fax (952) 937-5822 Minnetonka, MN 55343 westwoodps.com

PROJECT NUMBER: 0036502.00 CONTACT: DAVID T. BADE

SHEET INDEX				
	Sheet List Table			
SHEET NUMBER	SHEET TITLE			
C001	COVER			
C002	PRELIMINARY PLAT			
C100	EXISTING CONDITIONS WITH PROPOSED SITE OVERLAY			
C101	REMOVALS PLAN			
C200	OVERALL SITE PLAN			
C201	ENLARGED SITE PLAN			
C300	GRADING PLAN			
C400	EROSION CONTROL PLAN			
C500	UTILITIES PLAN			
L100	TREE PRESERVATION PLAN			
L200	LANDSCAPE PLAN			
L201	LANDSCAPE NOTES			

NO.	DATE	REVISION	SHEETS
	·		

CITY ENTITLEMENT SUBMITTAL

FOR

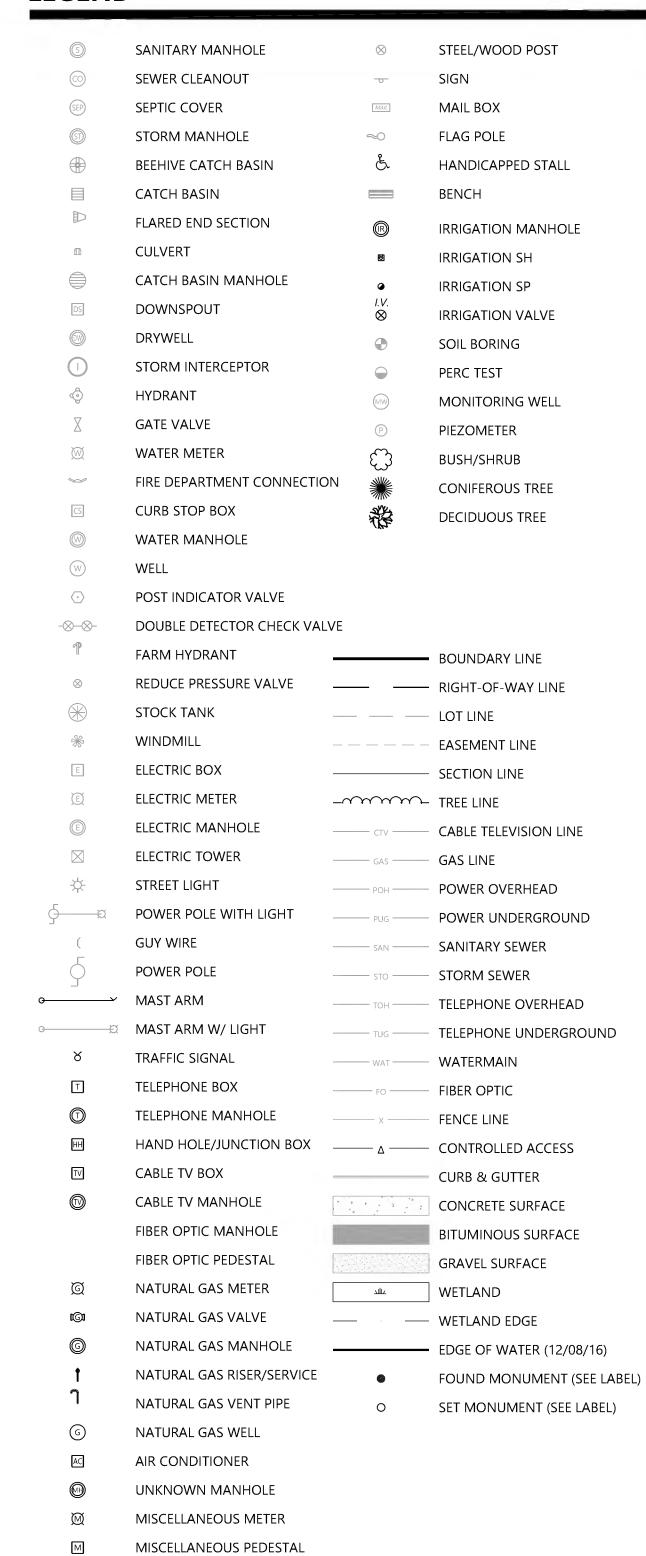
WALSER KIA MINNETONKA

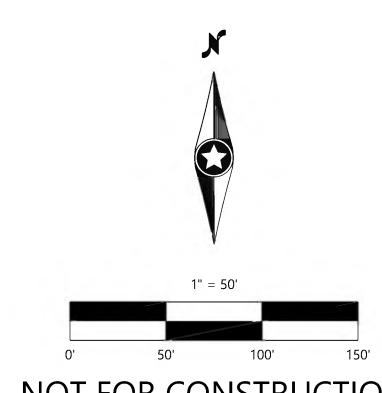
MINNETONKA, MN

INITIAL SUBMITTAL DATE: 03/06/2023 SHEET: C001

DDOJECT NUMBER 20205500.0

LEGEND





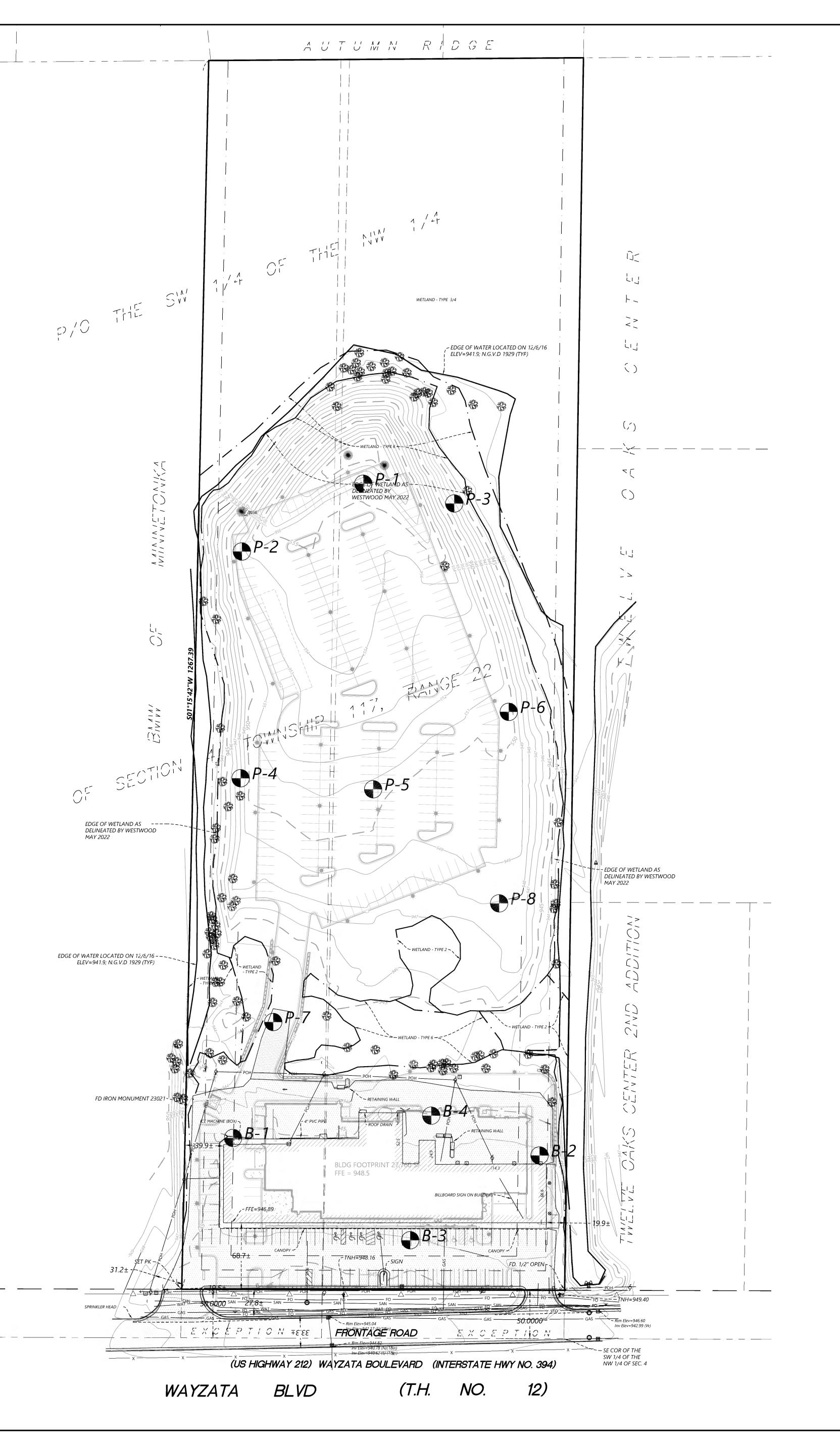
NOT FOR CONSTRUCTION

DATE: 03/06/2023

PROJECT NUMBER: 0036502.00

SHEET NUMBER:

C100



REMOVAL NOTES

- 1. LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- 2. CONTRACTOR SHALL COORDINATE LIMITS OF REMOVALS WITH PROPOSED IMPROVEMENTS AND FIELD VERIFY CONDITION OF EXISTING APPURTENANCES TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING OR REPLACING MISCELLANEOUS ITEMS (SUCH AS FENCES, SIGNS, IRRIGATION HEADS, ETC.) THAT MAY BE DAMAGED BY CONSTRUCTION.
- CONTRACTOR SHALL PLACE ALL NECESSARY EROSION CONTROL MEASURES REQUIRED TO MAINTAIN SITE STABILITY PRIOR TO EXECUTING ANY SITE REMOVALS.
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH UTILITY PROVIDERS FOR REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES AFFECTED BY SITE DEVELOPMENT. ALL PERMITS, APPLICATIONS AND FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

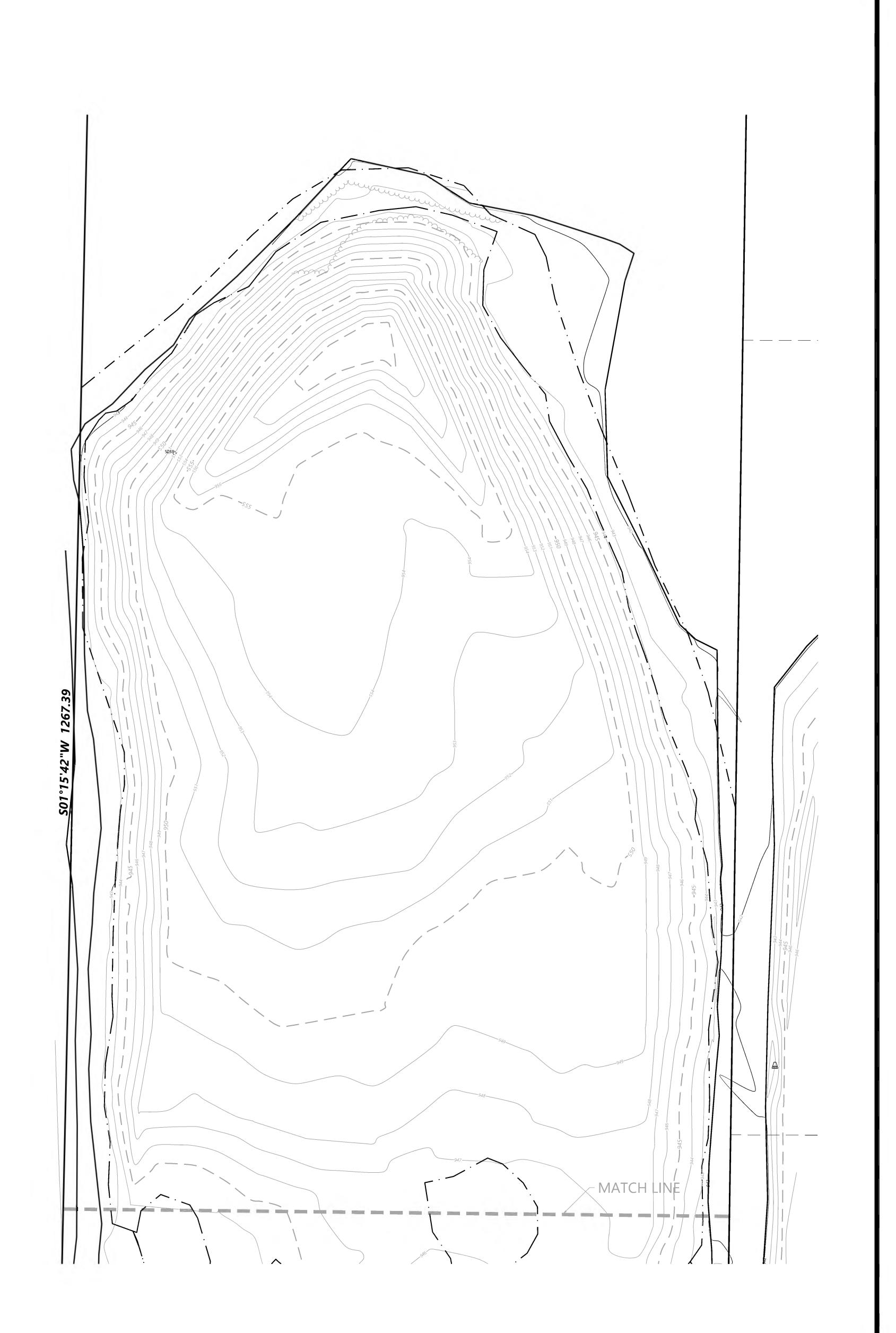
REMOVAL LEGEND

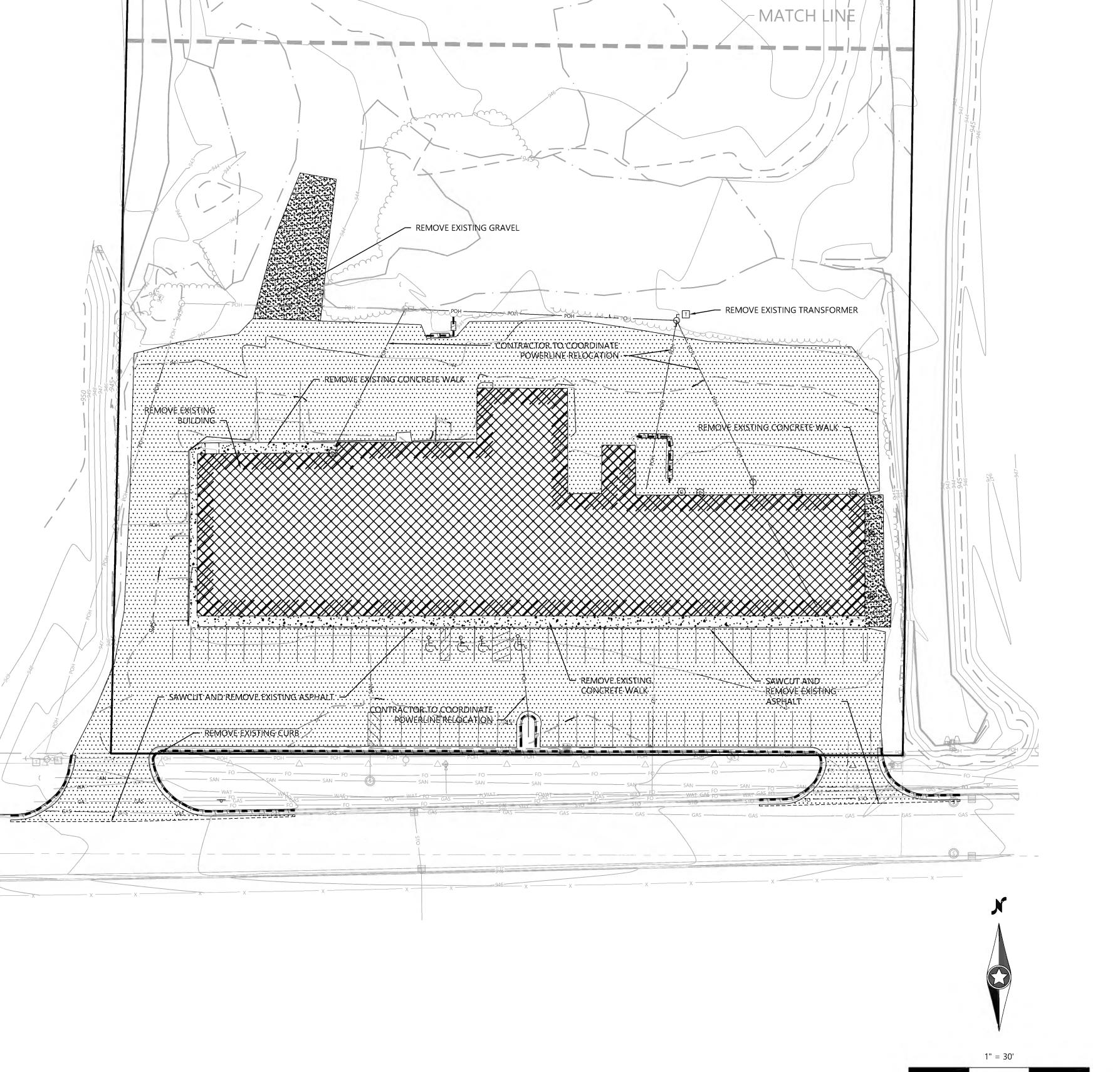
EXISTING	PROPOSED	
		PROPERTY LINE
		SAW CUT PAVEMENT
<u>EXISTING</u>	REMOVALS	
	_/=/=/=/=/=/=	CURB & GUTTER
		SANITARY SEWER
——— WAT ———	 	WATER MAIN
——— WAT ————		HYDRANT
STO —		STORM SEWER
———— GAS ————		GAS
PUG		UNDERGROUND ELECTRIC
——— POH ———		OVERHEAD ELECTRIC
TUG		UNDERGROUND TELEPHONE
—— тон ———	- \-\-\-\-\-	OVERHEAD TELEPHONE
——— FO ———		TELEPHONE FIBER OPTIC
CTV		CABLE TELEVISION
		RETAINING WALL
x		FENCE
1 - 1 - 1 - 2 - 2		CONCRETE
		BITUMINOUS
		BUILDING
		TREE
*	*	LIGHT POLE
	X	TRAFFIC SIGN
	0 0	CONSTRUCTION BARRICADE

→ SB-19

C101

DATE: 03/06/2023





SOIL BORING LOCATION TREE LINE

NOT FOR CONSTRUCTION

PROJECT NUMBER: 0036502.00

SITE LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		LOT LINE
· ·	· ·	SETBACK LINE
		EASEMENT LINE
		CURB AND GUTTER
		TIP-OUT CURB AND GUTTER
	· · ·	POND NORMAL WATER LEVEL
		RETAINING WALL
X	x	FENCE
- A . A . A	4	PERVIOUS CONCRETE PAVEMENT
4 4		CONCRETE SIDEWALK
	A .	CONCRETE PAVEMENT
		NORMAL DUTY BITUMINOUS PAVEMENT
	5	NUMBER OF PARKING STALLS
	Т	TRANSFORMER
*	*	SITE LIGHTING
0	•	TRAFFIC SIGN
407		POWER POLE
\otimes		BOLLARD / POST

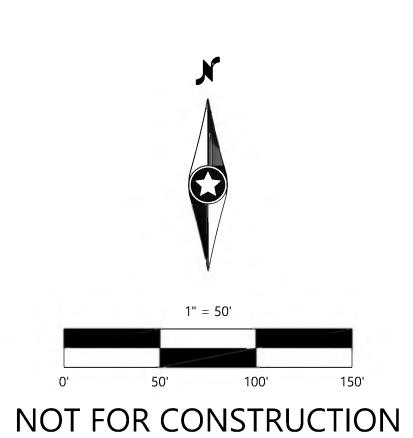
- 1. BACKGROUND INFORMATION FOR THIS PROJECT PROVIDED BY WESTWOOD PROFESSIONAL
- 2. LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. IF ANY DISCREPANCIES ARE FOUND, THE ENGINEER SHOULD BE NOTIFIED IMMEDIATELY.
- 3. REFER TO BOUNDARY SURVEY FOR LOT BEARINGS, DIMENSIONS AND AREAS.
- 4. ALL DIMENSIONS ARE TO FACE OF CURB OR EXTERIOR FACE OF BUILDING UNLESS OTHERWISE
- 5. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND LOCATIONS OF
- 6. ALL CURB RADII ARE SHALL BE 3.0 FEET (TO FACE OF CURB) UNLESS OTHERWISE NOTED.
- 7. ALL CURB AND GUTTER SHALL BE B612 UNLESS OTHERWISE NOTED.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGGERS AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE CITY AND ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MNDOT STANDARDS.
- 9. BITUMINOUS PAVEMENT AND CONCRETE SECTIONS TO BE IN ACCORDANCE WITH THE
- 10. CONTRACTOR SHALL MAINTAIN FULL ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO
- 11. SITE LIGHTING SHOWN ON PLAN IS FOR REFERENCE ONLY. REFER TO LIGHTING PLAN PREPARED BY OTHERS FOR SITE LIGHTING DETAILS AND PHOTOMETRICS.

SITE DEVELOPMENT SUMMARY

EXISTING ZONING:	PID, PLANNED I-394 DISTRICT
PROPOSED ZONING:	PID, PLANNED I-394 DISTRICT
PARCEL DESCRIPTION:	KIA OF MINNETONKA, LOT 1, BLOCK 1
PROPERTY AREA:	495,675 SF (11.379 AC)
EXISTING SURFACE: TOTAL IMPERVIOUS: TOTAL PERVIOUS:	79,992 SF (1.836 AC) (16%) 415,683 SF (9.543 AC) (84%)
PROPOSED SURFACE: TOTAL IMPERVIOUS: TOTAL PERVIOUS: PERVIOUS PAVEMENT: GREENSPACE:	32,922 SF (0.756 AC) (7%) 462,753 SF (10.623 AC) (93%) 133,149 SF (3.057 AC) 329,599 SF (7.567 AC)
BUILDING GROSS SIZE:	32,900 SF
BUILDING SETBACK PER CODE:	35'=LOCAL COLLECTOR STREET 50'=EXTERIOR LOT LINE* *OR HEIGHT OF BUILDING IF GREATER THAN 50'

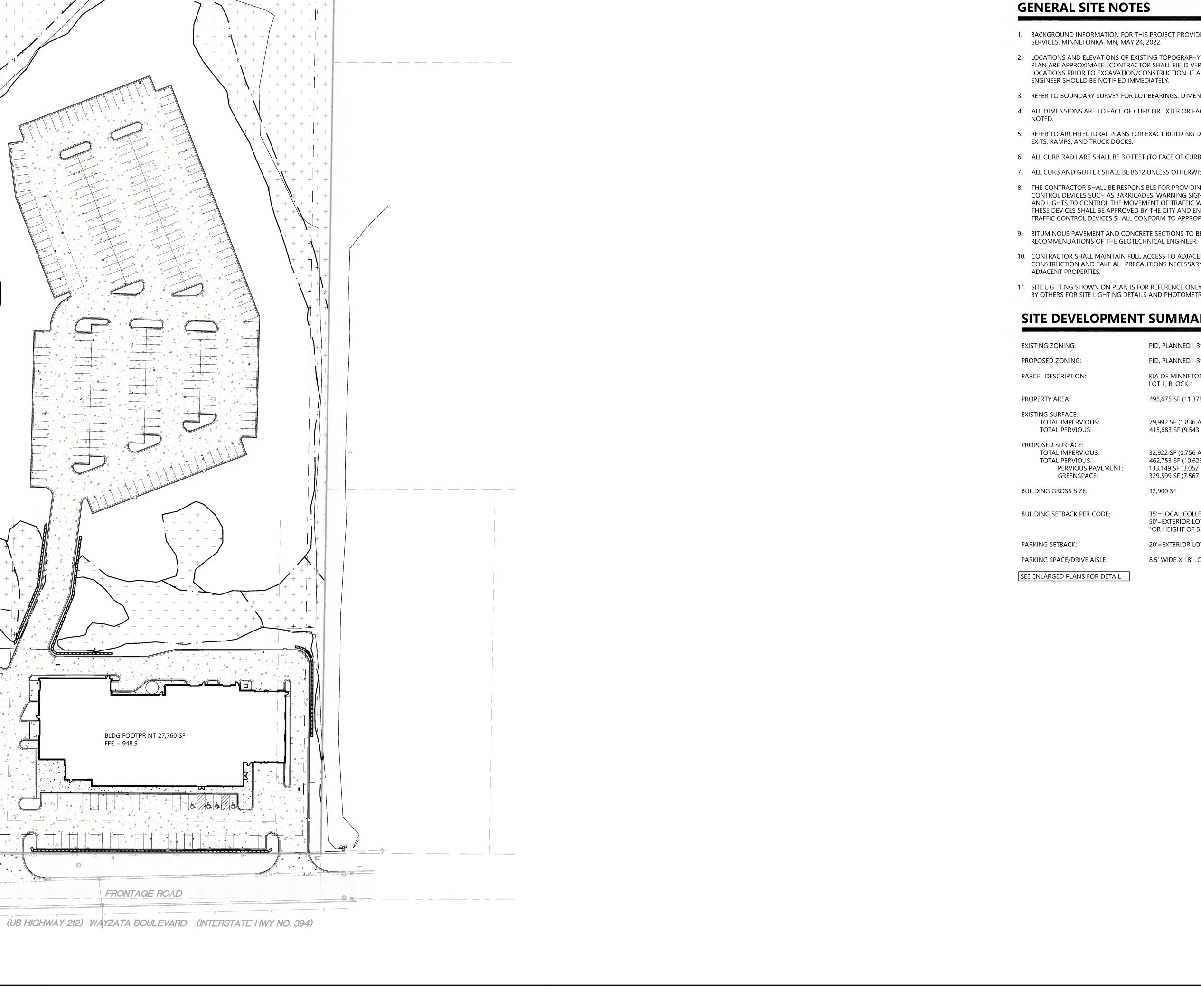
20'=EXTERIOR LOT LINES AND ROW

8.5' WIDE X 18' LONG, 24' AISLE



C200

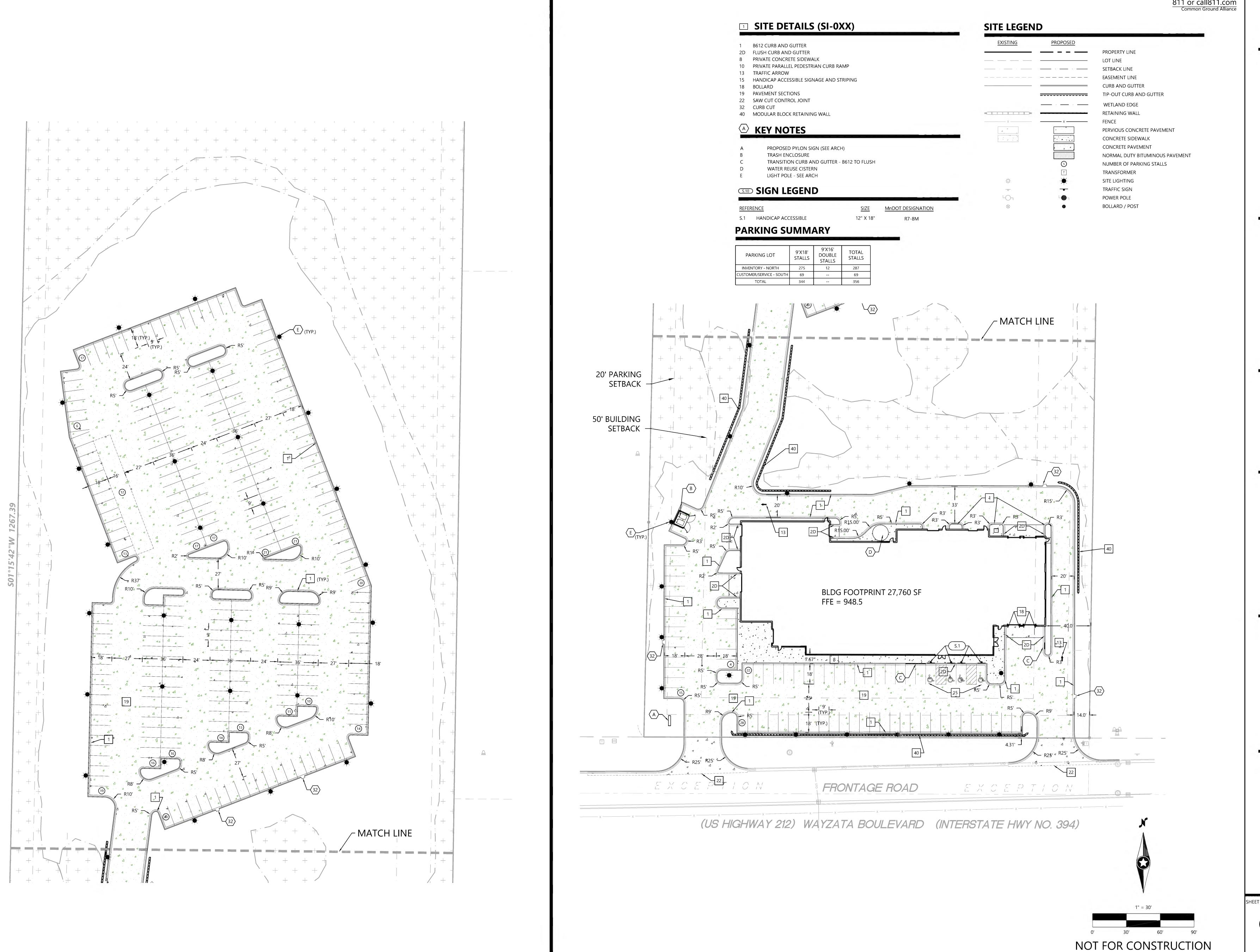
DATE: 03/06/2023 PROJECT NUMBER: 0036502.00



20' PARKING

50' BUILDING SETBACK

SETBACK -



Call 48 Hours before digging:

811 or call811.com

Common Ground Alliance

INITIAL ISSUE: 03/06/2023

REVISIONS:

A coupling by a cou

WALSER REAL ESTATE, LLC
7700 FRANCE AVENUE SOUTH SUITE 410 N
EDINA, MIN 55435

DAVID T. BADE

DATE: _________LICENSE NO. ________

WALSER KIA MINNETC MINNETONKA, MN

Mestwood Professional Services, Inc.

LARGED SITE PLAN

EET NUMBER:

DATE: 03/06/2023

GRADING NOTES

- LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON 10. CONTRACTOR SHALL DISPOSE OF ANY EXCESS SOIL MATERIAL THAT EXISTS AFTER THE THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- CONTRACTORS SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVEMENT, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND
- EXACT LOCATIONS AND NUMBER OF DOWNSPOUTS. 3. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE

RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.

- 4. ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE SIX INCHES OF TOPSOIL AND SOD OR SEED. THESE AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. SEE LANDSCAPE PLAN FOR PLANTING AND TURF ESTABLISHMENT.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MNDOT
- 6. ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE INDICATED ON
- 7. CONTRACTOR SHALL UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AND PROVIDE A SMOOTH FINISHED SURFACE WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN OR BETWEEN SUCH POINTS AND EXISTING GRADES.
- 8. SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS & GUTTER FLOW LINE UNLESS OTHERWISE NOTED. PROPOSED CONTOURS ARE TO FINISHED SURFACE GRADE.
- 9. SEE SOILS REPORT FOR PAVEMENT THICKNESSES AND HOLD DOWNS.

- SITE GRADING AND UTILITY CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS SOIL MATERIAL IN A MANNER ACCEPTABLE TO THE OWNER AND THE REGULATING AGENCIES.
- 11. CONTRACTOR SHALL PROVIDE A STRUCTURAL RETAINING WALL DESIGN CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER.
- 12. ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE AND FEDERAL RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

REQUIREMENTS.

- 13. PRIOR TO PLACEMENT OF ANY STRUCTURE OR PAVEMENT, A PROOF ROLL, AT MINIMUM, WILL BE REQUIRED ON THE SUBGRADE. PROOF ROLLING SHALL BE ACCOMPLISHED BY MAKING MINIMUM OF 2 COMPLETE PASSES WITH FULLY-LOADED TANDEM-AXLE DUMP TRUCK, OR APPROVED EQUAL, IN EACH OF 2 PERPENDICULAR DIRECTIONS WHILE UNDER SUPERVISION AND DIRECTION OF THE INDEPENDENT TESTING LABORATORY. AREAS OF
- 14. EMBANKMENT MATERIAL PLACED BENEATH BUILDINGS AND STREET OR PARKING AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE SPECIFIED DENSITY METHOD AS OUTLINED IN MNDOT 2105.3F1 AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.

FAILURE SHALL BE EXCAVATED AND RE-COMPACTED AS SPECIFIED HEREIN.

- 15. EMBANKMENT MATERIAL NOT PLACED IN THE BUILDING PAD, STREETS OR PARKING AREA, SHALL BE COMPACTED IN ACCORDANCE WITH REQUIREMENTS OF THE ORDINARY COMPACTION METHOD AS OUTLINED IN MNDOT 2105.3F2.
- 16. ALL SOILS AND MATERIALS TESTING SHALL BE COMPLETED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.

GRADING LEGEND

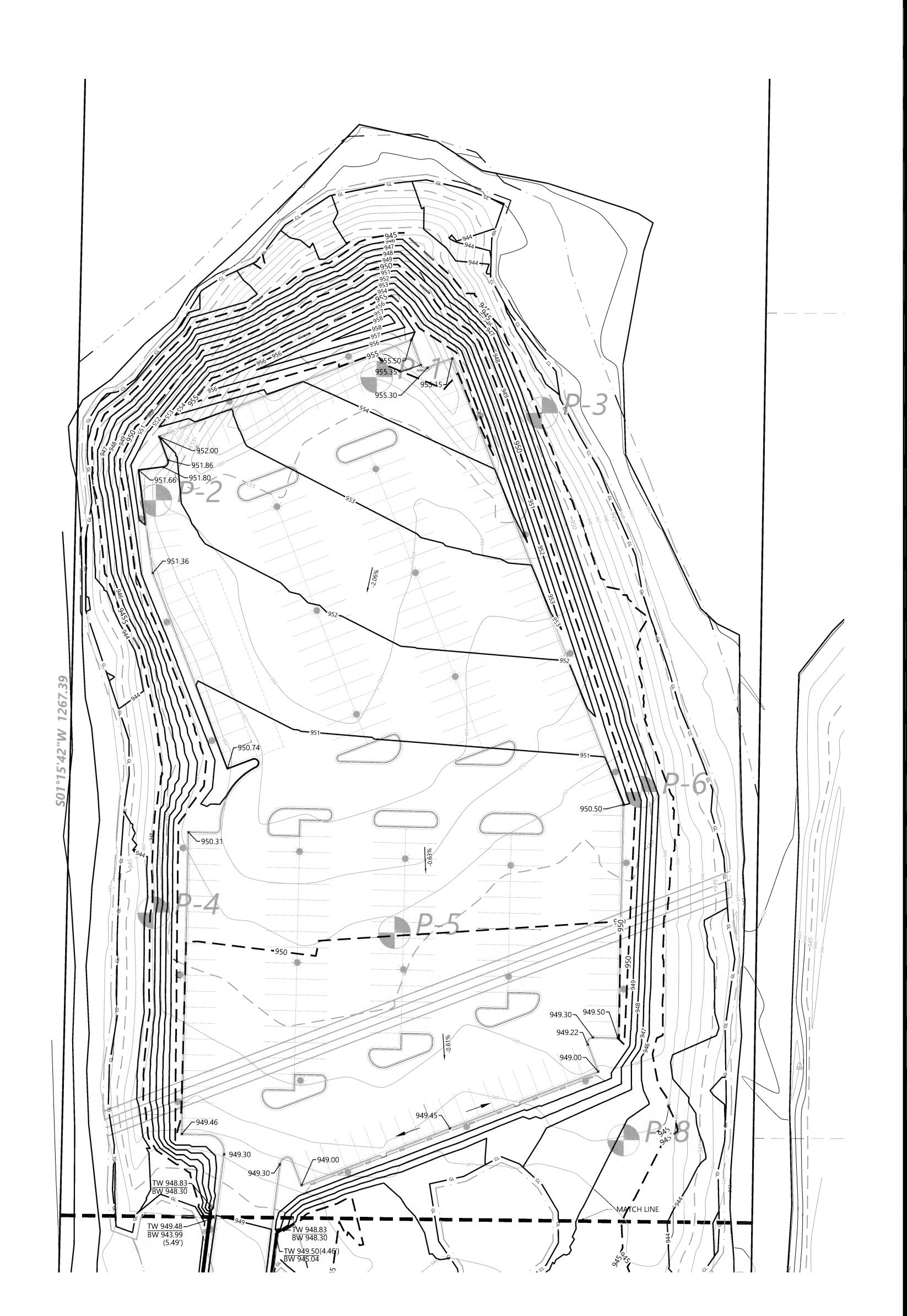
EXISTING	PROPOSED	
		PROPERTY LINE
980-	980	INDEX CONTOUR
982	982-	INTERVAL CONTOUR
		CURB AND GUTTER
	· · ·	POND NORMAL WATER LEVEL
STO		STORM SEWER
lacksquare		FLARED END SECTION (WITH RIPRAP)
	I	WATER MAIN
SAN		SANITARY SEWER
		RETAINING WALL
-		DRAIN TILE
-		RIDGE LINE
-	GL	GRADING LIMITS
× 900.00	× 900.00	SPOT ELEVATION
	0.00%	FLOW DIRECTION
	$\frac{TW = XXX.XX}{BW = XXX.XX}$	TOP AND BOTTOM OF RETAINING WALL
	E.O.F.—× ■	EMERGENCY OVERFLOW
♦ SB-19	€ SB-19	SOIL BORING LOCATION

BW 943.99 BW 943.57

C300

NOT FOR CONSTRUCTION

date: 03/06/2023 PROJECT NUMBER: 0036502.00



GENERAL EROSION CONTROL NOTES

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND LIMITED MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION SHALL NOT BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE OWNER OR ENGINEER OF

22-111 AT 30.5-POUNDS PER ACRE.

EROSION CONTROL BLANKET IS REQUIRED.

TO TRAP SEDIMENT.

REQUIREMENTS.

POSITIVE OUTFLOW.

TEMPORARY (LESS THAN 1-YEAR) SEED SHALL BE MNDOT SEED MIX 21-112

GENERAL SEEDING SHALL BE MNDOT SEED MIX 25-151 AT 70-POUNDS PER

(FALL) OR 21-111 (SPRING/SUMMER) AT 100-POUNDS PER ACRE

10. ALL TEMPORARY STOCKPILES MUST HAVE SILT FENCE INSTALLED AROUND THEM

11. ALL CONSTRUCTION SHALL CONFORM TO LOCAL AND STATE RULES INCLUDING

12. THE SITE MUST BE KEPT IN A WELL-DRAINED CONDITION AT ALL TIMES. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DITCHES, PIPING OR

LOW POINTS IN ROADWAYS OR BUILDING PADS MUST BE PROVIDED WITH A

13. PUBLIC STREETS USED FOR HAULING SHALL BE KEPT FREE OF SOIL AND DEBRIS.

STREET SWEEPING SHALL BE CONCURRENT WITH SITE WORK.

OTHER MEANS REQUIRED TO INSURE PROPER DRAINAGE DURING CONSTRUCTION.

THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

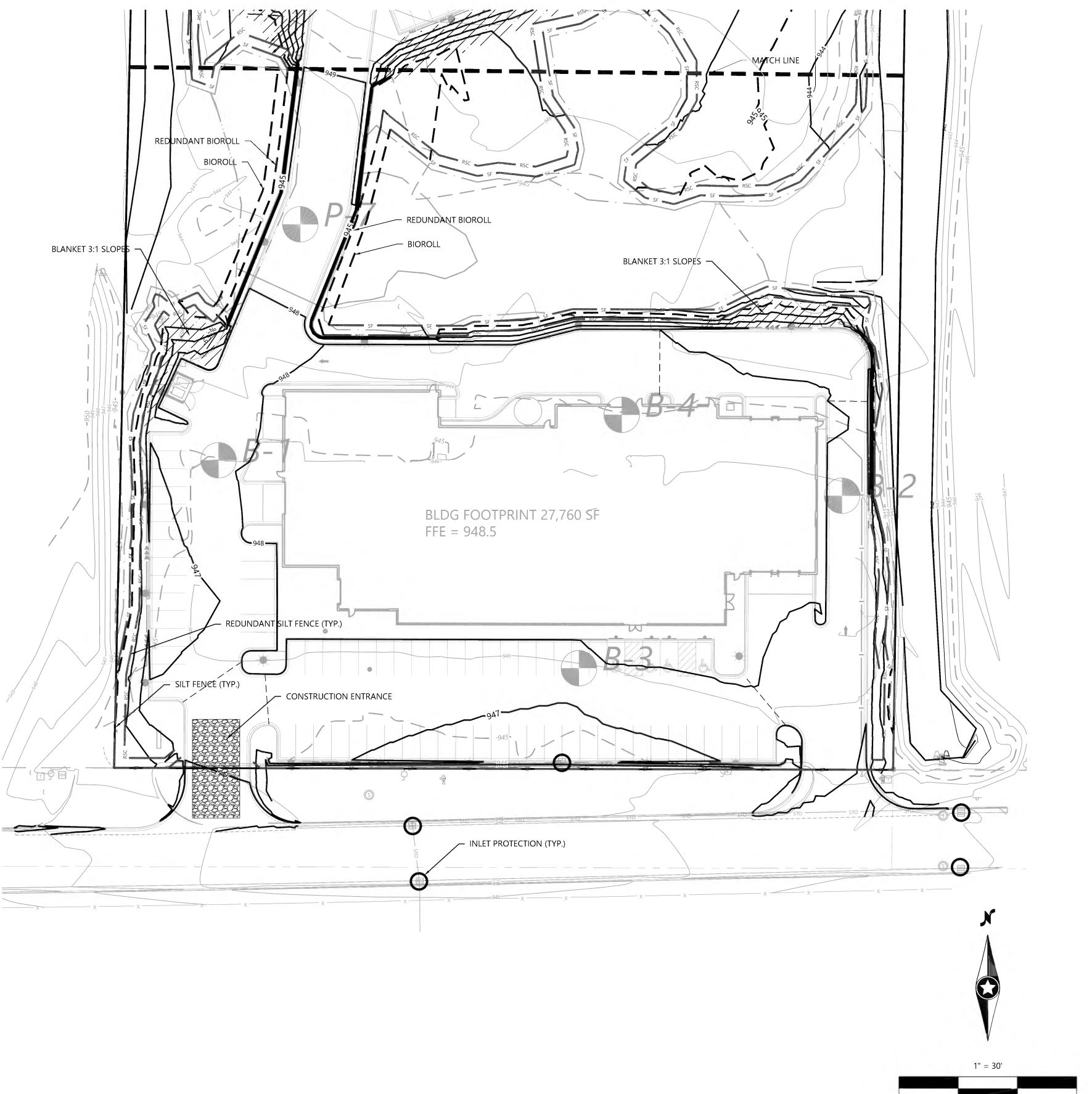
D. MULCH SHALL BE MNDOT TYPE 1 APPLIED AT 2-TONS PER ACRE.

- ALL SILT FENCE AND OTHER EROSION CONTROL FEATURES SHALL BE IN-PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. EXISTING SILT FENCE 9. FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH SOD OR ON-SITE SHALL BE MAINTAINED AND OR REMOVED AND SHALL BE CONSIDERED INCIDENTAL TO THE GRADING CONTRACT. IT IS OF EXTREME IMPORTANCE TO BE AWARE OF CURRENT FIELD CONDITIONS WITH RESPECT TO EROSION CONTROL. TEMPORARY PONDING, DIKES, HAYBALES, ETC., REQUIRED BY THE CITY SHALL BE INCIDENTAL TO THE GRADING CONTRACT.
- EROSION AND SILTATION CONTROL (ESC): THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL THE EROSION AND SILTATION INCLUDING BUT NOT LIMITED TO: CATCH BASIN INSERTS, CONSTRUCTION ENTRANCES, EROSION CONTROL BLANKET, AND SILT FENCE. ESC SHALL COMMENCE WITH GRADING AND CONTINUE THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR'S RESPONSIBILITY INCLUDES ALL IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE OWNER MAY DIRECT THE CONTRACTOR'S METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITION OF SILT OR MUD ON NEW OR EXISTING PAVEMENT OR IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN EVENT. AFFECTED AREAS SHALL BE CLEANED TO THE SATISFACTION OF THE OWNER, ALL AT THE EXPENSE OF THE CONTRACTOR. ALL TEMPORARY EROSION CONTROL SHALL BE REMOVED BY THE CONTRACTOR AFTER THE TURF IS ESTABLISHED.
- 4. ALL STREETS DISTURBED DURING WORKING HOURS MUST BE CLEANED AT THE END OF EACH WORKING DAY. A CONSTRUCTION ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO DETAILS TO REDUCE TRACKING OF DIRT ONTO PUBLIC
- 5. ALL UNPAVED AREAS ALTERED DUE TO CONSTRUCTION ACTIVITIES MUST BE RESTORED WITH SEED AND MULCH, SOD, EROSION CONTROL BLANKET OR BE HARD SURFACE WITHIN 2 WEEKS OF COMPLETION OF CONSTRUCTION.
- 6. THE SITE MUST BE STABILIZED PER THE REQUIREMENTS OF THE MPCA, NPDES, MNDOT, AND CITY.
- A. TEMPORARY (GREATER THAN 1-YEAR) SEED SHALL BE MNDOT SEED MIX

EROSION CONTROL LEGEND

<u>PROPOSED</u> PROPERTY LINE INDEX CONTOUR INTERVAL CONTOUR CURB AND GUTTER POND NORMAL WATER LEVEL REDUNDANT SILT CONTROL STORM SEWER FLARED END SECTION (WITH RIPRAP) **WATER MAIN** SANITARY SEWER RETAINING WALL DRAIN TILE GRADING LIMITS ROCK CONSTRUCTION ENTRANCE EROSION CONTROL BLANKET TURF REINFORCEMENT MAT EMERGENCY OVERFLOW E.O.F.→× →

SOIL BORING LOCATION → SB-19 **INLET PROTECTION**



Call 48 Hours before digging:

811 or call811.com

Common Ground Alliance

C400

date: 03/06/2023

NOT FOR CONSTRUCTION

GENERAL UTILITY NOTES

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND LIMITED MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION SHALL NOT BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE OWNER OR ENGINEER OF DISCREPANCIES.

INCHES OF THICKNESS.

PER ASTM D2321.

AND INSTALLED PER ASTM D2321.

MINNESOTA PLUMBING CODE, PART 712.

MINNESOTA RULES, PART 7560.0150.

PLAN REFLECT THE SUMPED ELEVATIONS.

SUMPED ELEVATIONS.

D. PVC STORM SEWER PIPE AND FITTINGS SHALL BE SCHEDULE 40 PIPE PER ASTM D2665

E. CORRUGATED METAL PIPE (CMP) FOR SIZES 18- TO 120-INCH AND MUST MEET ASTM A760 OR ASTM A796 AND BE INSTALLED PER ASTM A798. CMP MAY NOT BE INSTALLED

F. ALL STORM SEWER JOINTS AND STRUCTURE CONNECTIONS SHALL BE GASTIGHT OR

16. AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH

17. ALL MANHOLE CASTINGS IN PAVED AREAS SHALL BE SUMPED 0.05 FEET. RIM ELEVATIONS ON

18. ALL CATCH BASIN CASTINGS IN CURB SHALL BE SUMPED 0.15 FEET AND MANHOLE CASTINGS IN PAVED AREAS SHALL BE SUMPED 0.05 FEET. RIM ELEVATIONS ON PLAN REFLECT THE

AN AS-BUILT RECORD OF UTILITY CONSTRUCTION. THE AS-BUILT SHALL INCLUDE LOCATION AND LENGTH DEVIATIONS OR CHANGES TO THE PLAN. CONTRACTOR TO VERIFY WITH OWNER OR ENGINEER WHETHER A PLAN WITH POST-CONSTRUCTION ELEVATIONS IS REQUIRED.

WATERTIGHT AS REQUIRED BY MINNESOTA PLUMBING CODE, PART 707.3. STORM SEWER

LOCATED WITHIN 10-FEET OF A BUILDING AND/OR WATER LINE SHALL BE TESTED PER

WITHIN 10-FEET OF A WATERMAIN, WATER SERVICE, OR A BUILDING.

ALL SANITARY SEWER, STORM SEWER AND WATER MAIN MATERIAL AND INSTALLATIONS SHALL BE PER CITY REQUIREMENTS, MINNESOTA PLUMBING CODE, AND IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE LINE INSTALLATION AND SANITARY SEWER AND STORM SEWER INSTALLATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA. 14. STORM SEWER PIPE:

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE NECESSARY FEDERAL, STATE AND LOCAL PERMITS FOR THE PROPOSED WORK OR VERIFY WITH THE OWNER OR ENGINEER THAT PERMITS HAVE BEEN OBTAINED. PERMIT FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE ARRANGED WITH THE OWNER.

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF DOORWAYS, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY CONNECTION LOCATIONS.

ALL PRIVATE UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL COORDINATE THE SERVICE LINE CONSTRUCTION WITH THE UTILITY COMPANIES.

6. CONTRACTOR SHALL OBTAIN ALL NECESSARY CITY PERMITS FOR UTILITY CONNECTIONS, AND UTILITIES SHALL BE INSPECTED AND APPROVED BY THE CITY. THE CITY SHALL BE NOTIFIED 48-HOURS PRIOR TO COMMENCING WITH THE UTILITY CONSTRUCTION OR ANY REQUIRED TESTING. CONTRACTOR SHALL NOT OPERATE, INTERFERE WITH, CONNECT ANY PIPE OR HOSE TO, OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

WATER MAIN LENGTHS AS SHOWN ARE APPROXIMATE HORIZONTAL LENGTHS. ALLOW FOR 15. ALL NONCONDUCTIVE PIPE SHALL BE INSTALLED WITH A LOCATE (TRACER) WIRE PER ADDITIONAL PIPE WHEN INSTALLING ON SLOPES OR WHEN DEFLECTIONS ARE REQUIRED. THE JOINT DEFLECTIONS SHALL NOT EXCEED THE MAXIMUM RECOMMENDED BY THE PIPE MANUFACTURER OR BY LOCAL GOVERNING SPECIFICATIONS. FITTINGS REQUIRED TO CONSTRUCT WATER MAIN SHALL BE INCLUDED IN WATER MAIN CONSTRUCTION.

8. PROVIDE WATER MAIN THRUST RESTRAINTS PER CITY STANDARD REQUIREMENTS.

STORM SEWER.

9. A MINIMUM VERTICAL SEPARATION OF 18 INCHES IS REQUIRED AT ALL WATER LINE CROSSINGS WITH SANITARY SEWER OR STORM SEWER. THE WATER LINE SHALL NOT HAVE JOINTS OR CONNECTION WITHIN 10-FEET OF THE CROSSING. INSULATE CROSSINGS WITH

10. UTILITY SERVICES TYPICALLY TERMINATE 5' OUTSIDE BUILDING WALL UNLESS OTHERWISE SHOWN OR NOTED.

11. DUCTILE IRON WATER LINES SHALL BE CLASS 52, PER AWWA C115 OR C151. COPPER WATER LINES SHALL BE TYPE K PER ASTM B88. PVC WATER LINES SHALL BE PER AWWA C900 AND INSTALLED PER AWWA C605 IF ALLOWED BY CITY.

UTILITY LEGEND

Call 48 Hours before digging: 811 or call811.com Common Ground Alliance

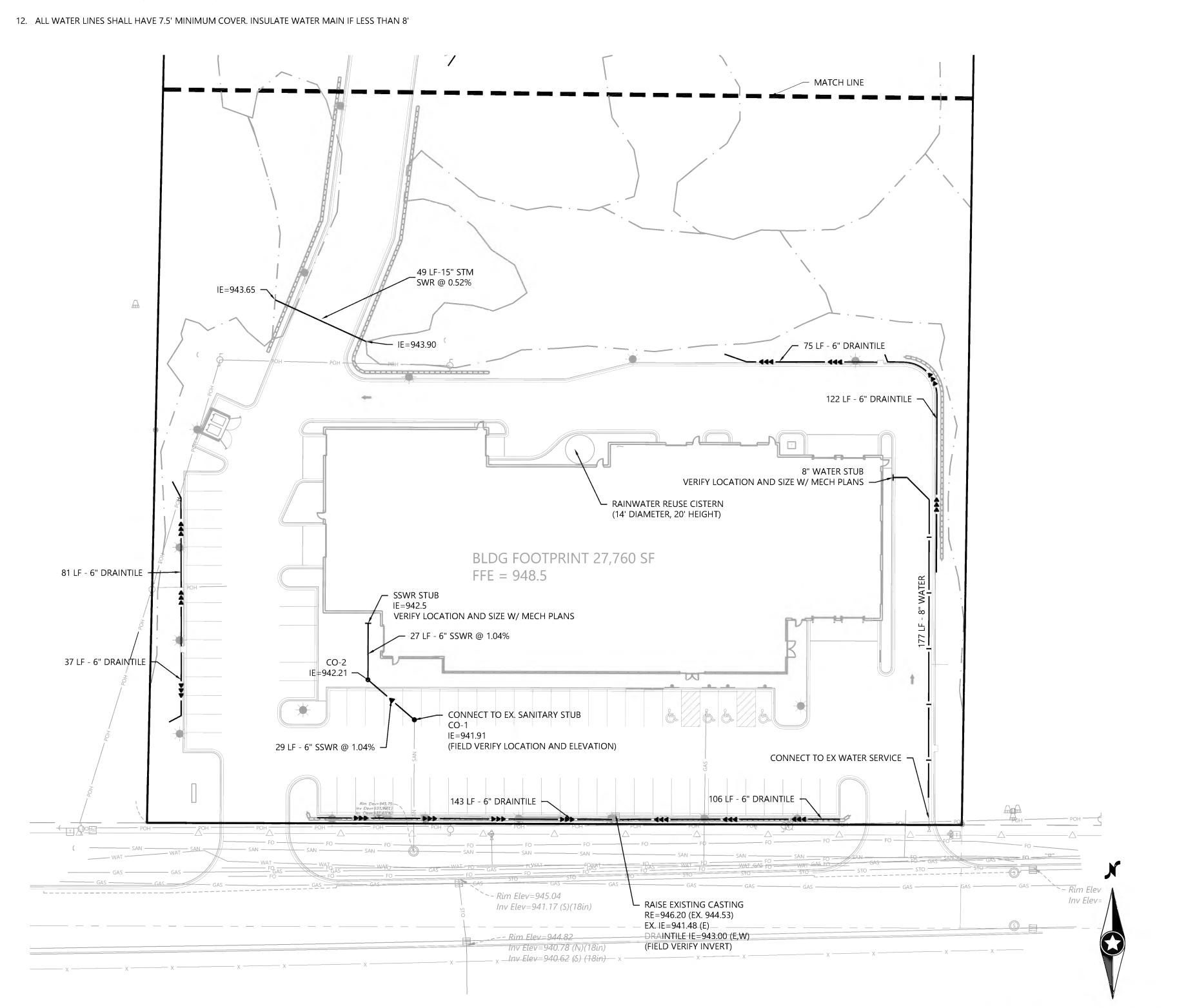
OF COVER. INSULATION SHALL BE DOW STYROFOAM HI BRAND 35 OR EQUIVALENT, WITH 4 _____ 13. SANITARY SEWER PIPE OUTSIDE THE BUILDING ENVELOPE SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35 OR 26. SDR 26 IS REQUIRED FOR DEPTHS GREATER THAN 15 FEET. SANITARY SEWER PIPE WITHIN 5 FEET OF THE BUILDING AND UNDER FOOTINGS SHALL BE SCHEDULE 40 PER ASTM D2665. ALL PLASTIC SANITARY SEWER SHALL BE INSTALLED PER D2321. SOLVENT WELD JOINTS MUST INCLUDE USE OF A PRIMER WHICH IS OF A CONTRASTING COLOR TO THE PIPE AND CEMENT. ALL SANITARY SEWER SHALL BE TESTED ACCORDING TO MINNESOTA PLUMBING CODE, PART 712.0. A. RCP AND HDPE PIPE MAY BE INSTALLED WITH APPROVAL OF LOCAL GOVERNING AGENCY. ______ PUG _______ B. REINFORCED CONCRETE PIPE SHALL BE CLASS 5 FOR PIPE DIAMETERS 18" AND SMALLER, ______POH ________POH _____ CLASS 3 FOR PIPE DIAMETERS 21" AND LARGER UNLESS OTHERWISE NOTED, PER ASTM C76, WITH GASKETS PER ASTM C443. C. HDPE STORM PIPE 4- TO 10-INCHES IN DIAMETER SHALL MEET REQUIREMENTS OF AASHTO M252. HDPE STORM PIPE 12- TO 60-INCHES IN DIAMETER SHALL MEET REQUIREMENTS OF ASTM F2306. FITTINGS SHALL BE PER ASTM D3212 AND INSTALLED

PROPERTY LINE EASEMENT LINE CURB AND GUTTER SANITARY SEWER STORM SEWER WATER MAIN HYDRANT OVERHEAD ELECTRIC OVERHEAD TELEPHONE TELEPHONE FIBER OPTIC CABLE TELEVISION DRAIN TILE GATE VALVE

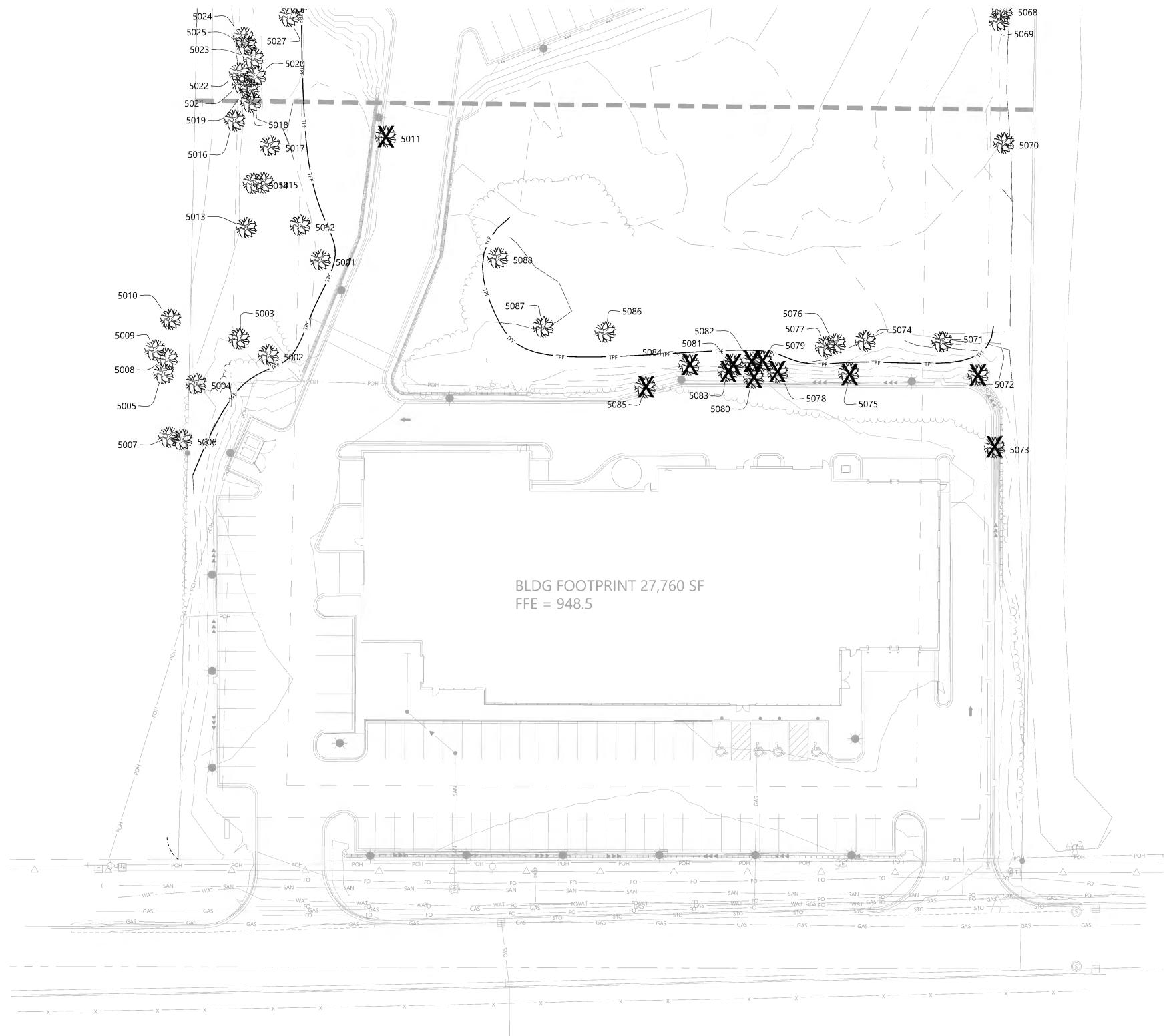
SANITARY SEWER FORCE MAIN UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE FLARED END SECTION (WITH RIPRAP) LIGHT POLE

C500 NOT FOR CONSTRUCTION

DATE: 03/06/2023 PROJECT NUMBER: 0036502.00







TREE INVENTORY

10.	Species	DBH (in.)	High Priority	Significant	Multistem	Damaged	Removal	NO.	Species	DBH (in.)	High Priority	Significant	Multistem	Damaged	Removal
001	Black Willow	10	Х		Х			5045	Cottonwood	12	Х				
002	Black Willow	13	Х		Х	X		5046	Cottonwood	9		Х	Х		
003	Black Willow	14	Х		X	Х		5047	Cottonwood	12	Х				
004	Cottonwood	23	Х					5048	Black Willow	9		X			
005	Cottonwood	12	Х		X			5049	Cottonwood	19	X				
006	Cottonwood	10	Х		X			5050	Cottonwood	24	X		Χ		
007	Green Ash	4		X				5051	Cottonwood	16	X				
800	Black Willow	13	X		X			5052	Black Willow	17	X			Х	
009	Cottonwood	7		X				5053	Black Willow	15	X				
010	Cottonwood	10	X		X			5054	Black Willow	9		X		Х	
011	Cottonwood	5		X	X		Х	5055	Cottonwood	12	X				
012	Black Willow	6		X				5056	Cottonwood	5		Х			
013	Black Willow	6		X	X			5057	Cottonwood	8		Х			
014	Black Willow	10	X					5058	Cottonwood	5		Х			
015	Cottonwood	7		X		X		5059	Cottonwood	8		X			
016	Black Willow	10	X		X			5060	Cottonwood	14	X				
017	Black Willow	7		X				5061	Cottonwood	22	X				
018	Cottonwood	8		X				5062	Black Willow	14	X		X		
019	Cottonwood	8		X				5063	Black Willow	10	X		X	Х	
020	Cottonwood	12	X					5064	Cottonwood	24	X				
021	Black Willow	4		X				5065	Green Ash	4		Х			X
022	Black Willow	5		X				5066	American Elm	26	X			Х	
023	Black Willow	7		Х				5067	Boxelder	12	X				
024	Black Willow	8		X				5068	Cottonwood	24	X		X		
025	Cottonwood	12	X					5069	Cottonwood	21	X		X		
026	Aspen	5		X				5070	Green Ash	7		Х			
027	Aspen	7		X				5071	Black Willow	10	X		X	Х	
028	Aspen	4		X				5072	Black Willow	8		Х	X		X
029	Aspen	4		Х		X		5073	Cottonwood	36	X				X
030	Black Willow	4		Х	X			5074	Cottonwood	19	X			Х	
031	Black Willow	16	X					5075	Cottonwood	1 6	X			Х	X
032	Black Willow	5		X		X		5076	Black Willow	6		Х	X		
033	Green Ash	7		X			Х	5077	Black Willow	9		X	Х		
034	Cottonwood	17	X					5078	Black Willow	12	X		X		X
035	Black Willow	7		X				5079	Black Willow	7		X	X		X
036	Cottonwood	17	X					5080	Cottonwood	11	X				X
037	Black Willow	10	X		X			5081	Black Willow	10	X		X		X
038	Red Cedar	4		X			X	5082	Green Ash	4		X			X
039	White Spruce	14	X				Х	5083	Black Willow	13	X				X
040	White Spruce	6		Х			Х	5084	Black Willow	10	X		X		X
041	Cottonwood	16	X					5085	Black Willow	4		X	X		X
042	Cottonwood	16	X					5086	Green Ash	6		X			
043	Cottonwood	16	X					5087	Boxelder	7		X			
044	Cottonwood	10	X					5088	Green Ash	8		Х		X	

TREE MITGATION SUMMARY

TREE REMOVALS

HIGH PRIORITY TREES NUMBER REMOVED= DECIDUOUS REMOVED (DBH in)= 108 in CONIFEROUS REMOVED (ft)= PERCENT OF TREES ON SITE (35% ALLOWED) = 9% (8/88=.09)

SIGNIFICANT TREES NUMBER REMOVED= DECIDUOUS REMOVED (DBH in)= CONIFEROUS REMOVED (ft)= PERCENT OF TREES ON SITE (50% ALLOWED) = 10% (9/88=.102)

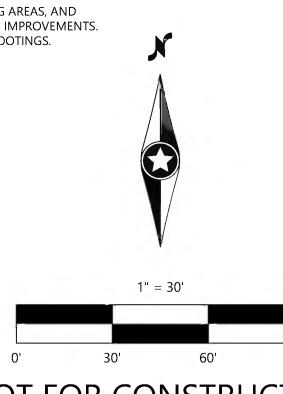
NUMBER REMOVED= 147 in DECIDUOUS REMOVED (DBH in)= CONIFEROUS REMOVED (ft)= PERCENT OF TREES ON SITE= 19% (17/88=.193)

- ***NO MITGATION REQUIRED- TREE REMOVAL RATES FALL WITHIN ALLOWABLE RATES. ADDITIONALLY, ALL TREES REMOVED FALL WITHIN BASIC TREE REMOVAL AREA***
- REDEVELOPMENT ON A NON-SINGLE FAMILY PROPERTY REQUIRES MITIGATION FOR:
- HIGH PRIORITY TREES, SIGNIFICANT TREES, AND TREES WITHIN WOODLAND PRESERVATION
- REMOVED OUTSIDE OF: (1) THE BASIC TREE REMOVAL AREA; AND (2) THE WIDTH OF REQUIRED EASEMENTS FOR PUBLIC AND PRIVATE STREETS AND UTILITIES

 • HIGH PRIORITY AND SIGNIFICANT TREES REMOVED FOR SURFACE STORMWATER PRACTICES.

BASIC TREE REMOVAL AREA DEFINED AS:

WITHIN THE AREAS IMPROVED FOR REASONABLY-SIZED DRIVEWAYS, PARKING AREAS, AND STRUCTURES WITHOUT FROST FOOTINGS AND WITHIN 10 FT AROUND THOSE IMPROVEMENTS.
 WITHIN THE FOOTPRINTS OF, AND 20 FT AROUND, BUILDINGS WITH FROST FOOTINGS.



Call 48 Hours before digging:

811 or call811.com
Common Ground Alliance

NOT FOR CONSTRUCTION DATE: 03/06/2023

PROJECT NUMBER: 0036502.00

SHEET NUMBER: L100



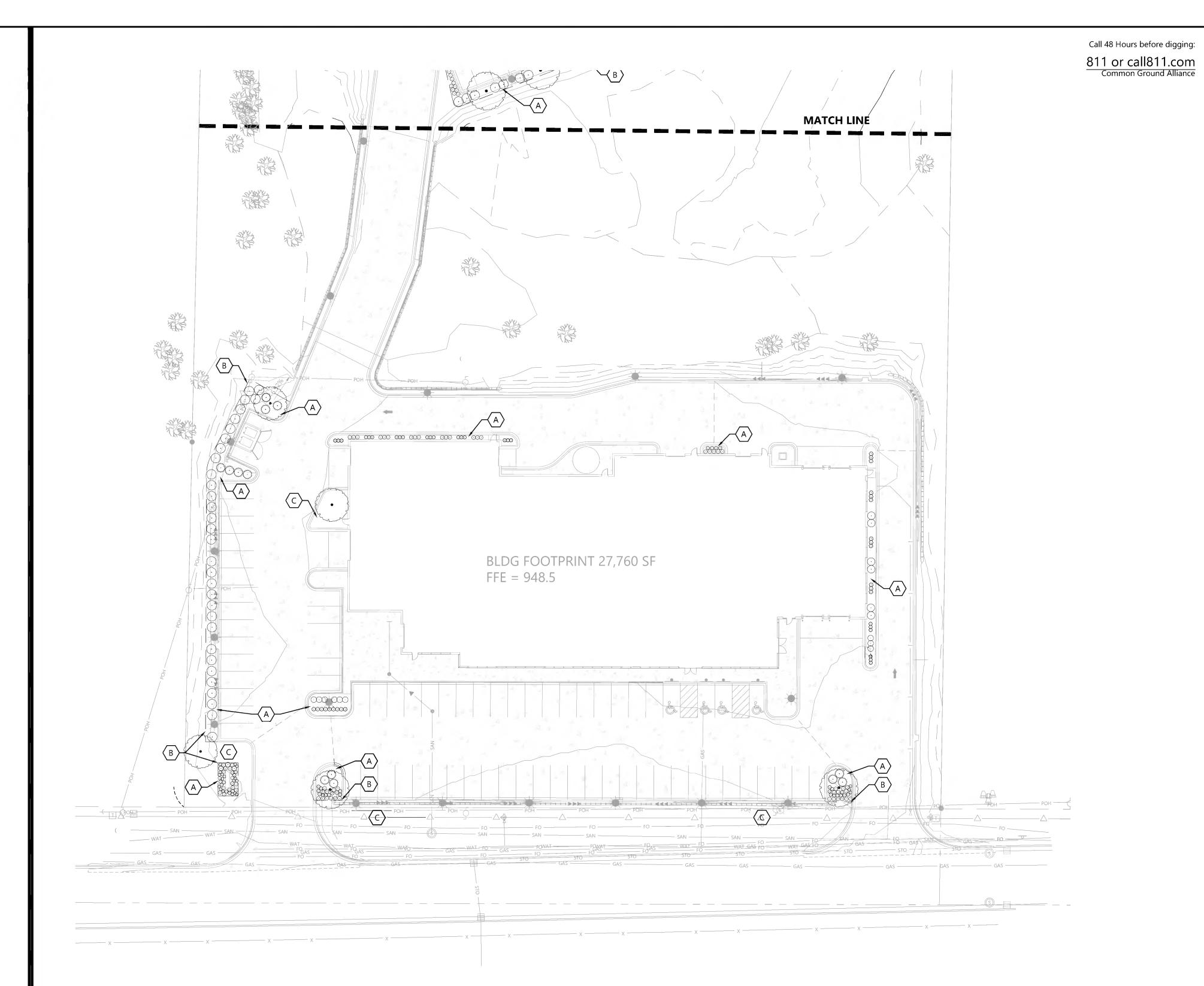
LANDSCAPE LEGEND

PERENNIALS

EXISTING TREE

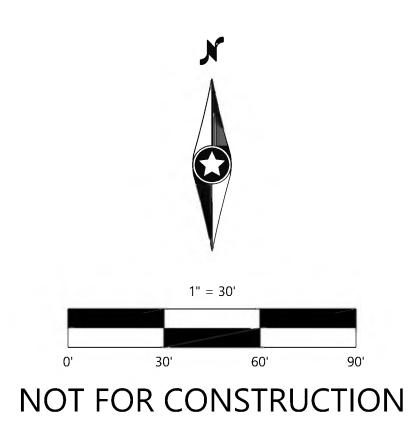
- A SHREDDED HARDWOOD MULCH (TYP.)
- I-394 DISTRICT LANDSCAPE REQUIREMENTS:
- ALL EFFORTS SHALL BE TAKEN TO PRESERVE EXISTING NATURAL FEATURES
 A MINIMUM LANDSCAPE PLAN INVESTMENT OF 2 PERCENT OF TOTAL PROJECT VALUE IS REQUIRED.
- DECIDUOUS TREES WILL NOT BE LESS THAN 2 IN BUT NOT MORE THAN 4 IN CALIPER, CONIFEROUS TREES WILL NOT BE LESS THAN 6 FT BUT NOT MORE THAN 8 FT IN HEIGHT.
- PARKING LOT LANDSCAPE REQUIREMENTS: ONE TREE FOR EACH 15 SURFACE PARKING SPACES.

(13 PROPOSED CONIFEROUS TREES + 39 PROPOSED DECIDUOUS TREES + 3 PROPOSED ORNAMENTAL TREES)



PLANT SCHEDULE

CONIFEROUS TREES	13	COMMON / BOTANICAL NAME	SIZE	SPACING O.
TAM	5	TAMARACK / LARIX LARICINA	6` HT B&B	AS SHOWN
BHS	S 2 BLACK HILLS WHITE SPRUCE / PICEA GLAUCA 'DENSATA'			
BLS	6	BLACK SPRUCE / PICEA MARIANA	6` HT B&B	AS SHOWN
DECIDUOUS TREES	39	COMMON / BOTANICAL NAME	SIZE	SPACING O.
MAM	13	MATADOR™ FREEMAN MAPLE / ACER X FREEMANII 'BAILSTON'	2.5" CAL	AS SHOWN
RIB	6	RIVER BIRCH / BETULA NIGRA	2.5" CAL	AS SHOWN
SKH	5	SKYLINE® HONEY LOCUST / GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	2.5" CAL	AS SHOWN
SIP	4	SIOUXLAND POPLAR / POPULUS DELTOIDES 'SIOUXLAND'	2.5" CAL	AS SHOWN
SWO	5	SWAMP WHITE OAK / QUERCUS BICOLOR	2.5" CAL	AS SHOWN
PCW	6	PRAIRIE CASCADE WILLOW / SALIX X 'PRAIRIE CASCADE'	2.5" CAL	AS SHOWN
ORNAMENTAL TREES	3	COMMON / BOTANICAL NAME	SIZE	SPACING O.
ВВЕ		BLUE BEECH / CARPINUS CAROLINIANA	2.5" CAL	AS SHOWN
CONIFEROUS SHRUBS	13	COMMON / BOTANICAL NAME	SIZE	SPACING O.
BPJ		BLUE PRINCE CREEPING JUNIPER / JUNIPERUS HORIZONTALIS 'BLUE PRINCE'	#5 CONT.	5`-0" O.C.
BTS		BLUE TEARDROP BLACK SPRUCE / PICEA MARIANA 'BLUE TEARDROP'	#5 CONT.	5`-0" O.C.
DECIDUOUS SHRUB	185	COMMON / BOTANICAL NAME	SIZE	SPACING O.
AFD		ARCTIC FIRE® RED TWIG DOGWOOD / CORNUS SERICEA 'FARROW'	#5 CONT.	4`-0" O.C.
IRD		ISANTI RED TWIG DOGWOOD / CORNUS SERICEA 'ISANTI'	#5 CONT.	5`-0" O.C.
DBH		DWARF BUSH HONEYSUCKLE / DIERVILLA LONICERA	#5 CONT.	3`-0" O.C.
WIN		WINTERBERRY / ILEX VERTICILLATA	#5 CONT.	5`-0" O.C.
GLS		GRO-LOW FRAGRANT SUMAC / RHUS AROMATICA 'GRO-LOW'	#5 CONT.	5`-0" O.C.
DEC		DWARF EUROPEAN CRANBERRYBUSH / VIBURNUM OPULUS 'NANUM'	#5 CONT.	3`-0" O.C.
ANNUALS/PERENNIALS	5 106	COMMON / BOTANICAL NAME	SIZE	SPACING O.
NEA		NEW ENGLAND ASTER / ASTER NOVAE-ANGLIAE	#1 CONT.	18" O.C.
		MOONBEAM TICKSEED / COREOPSIS VERTICILLATA 'MOONBEAM'	#1 CONT.	24" O.C.
MBC		PURPLE CONEFLOWER / ECHINACEA PURPUREA	#1 CONT.	18" O.C.
MBC PUC		, on 22 contact 20 to 11		
		BAJA DAYLILY / HEMEROCALLIS X 'BAJA'	#1 CONT.	18" O.C.
PUC		·	#1 CONT. #1 CONT.	18" O.C.
PUC BJD		BAJA DAYLILY / HEMEROCALLIS X 'BAJA'	+	
PUC BJD PBS BES	208	BAJA DAYLILY / HEMEROCALLIS X 'BAJA' PRAIRIE BLAZINGSTAR / LIATRIS PYCNOSTACHYA BLACK-EYED SUSAN / RUDBECKIA HIRTA	#1 CONT. #1 CONT.	30" O.C. 18" O.C.
PUC BJD PBS BES GRASSES	208	BAJA DAYLILY / HEMEROCALLIS X 'BAJA' PRAIRIE BLAZINGSTAR / LIATRIS PYCNOSTACHYA BLACK-EYED SUSAN / RUDBECKIA HIRTA COMMON / BOTANICAL NAME	#1 CONT. #1 CONT.	30" O.C. 18" O.C. SPACING O.
PUC BJD PBS BES GRASSES KFG	208	BAJA DAYLILY / HEMEROCALLIS X 'BAJA' PRAIRIE BLAZINGSTAR / LIATRIS PYCNOSTACHYA BLACK-EYED SUSAN / RUDBECKIA HIRTA COMMON / BOTANICAL NAME KARL FOERSTER FEATHER REED GRASS / CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	#1 CONT. #1 CONT. SIZE #1 CONT.	30" O.C. 18" O.C. SPACING O.C. 24" O.C.
PUC BJD PBS BES GRASSES	208	BAJA DAYLILY / HEMEROCALLIS X 'BAJA' PRAIRIE BLAZINGSTAR / LIATRIS PYCNOSTACHYA BLACK-EYED SUSAN / RUDBECKIA HIRTA COMMON / BOTANICAL NAME	#1 CONT. #1 CONT.	30" O.C. 18" O.C. SPACING O.



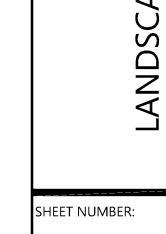
LANDSCAPE

SHEET NUMBER:

DATE: 03/06/2023

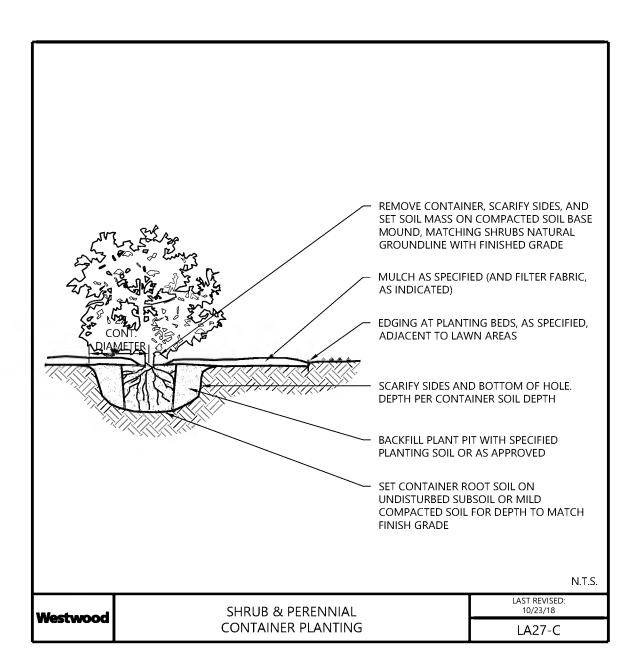
PROJECT NUMBER: 0036502.00

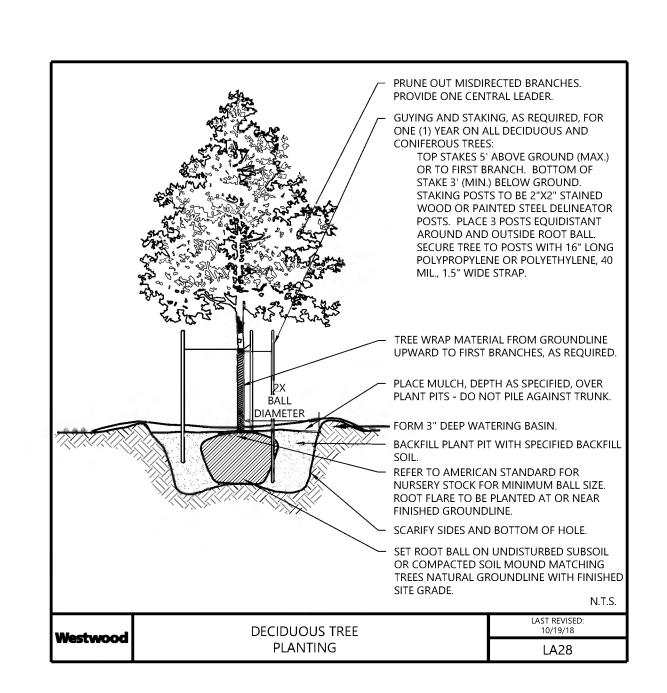


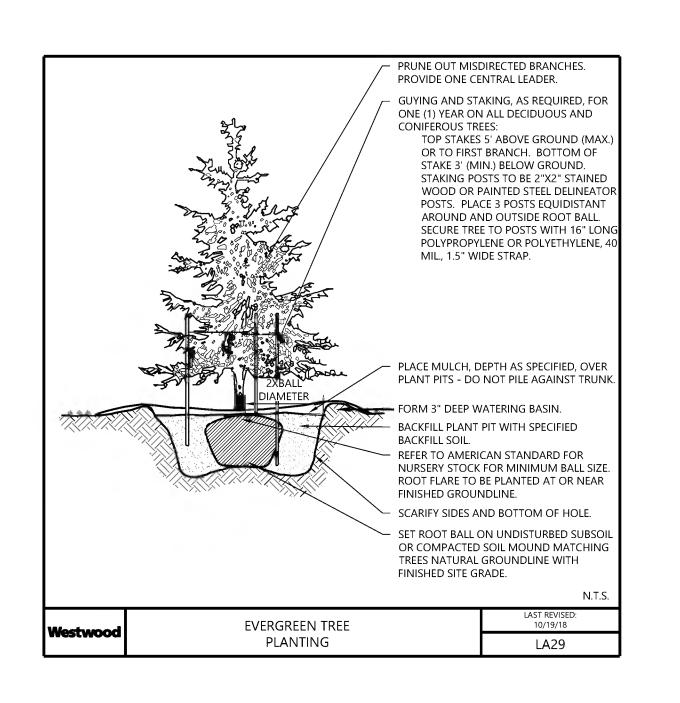


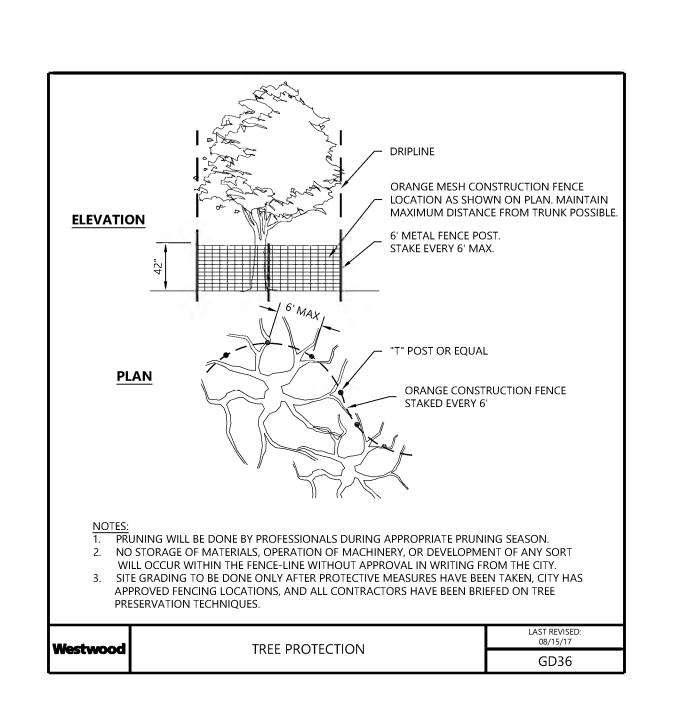
ET NUMBER:

L201





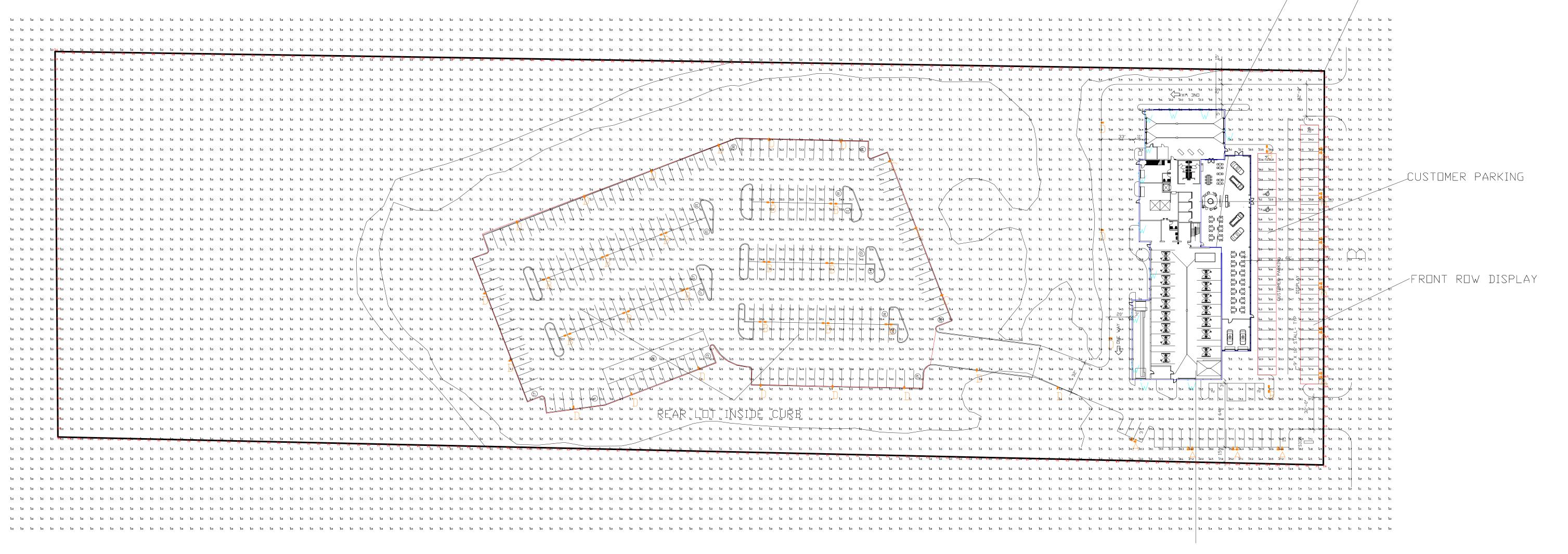


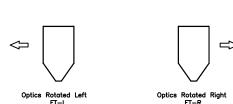


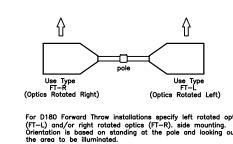
PLANTING NOTES

AND/OR QUOTE BY THE LANDSCAPE CONTRACTOR.

- CONTRACTOR SHALL CONTACT COMMON GROUND ALLIANCE AT 811 OR CALL811.COM TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIAL.
- 2. ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
- 3. NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE
- 4. ALL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO SUBMISSION OF ANY BID
- 5. CONTRACTOR SHALL PROVIDE TWO YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE LANDSCAPE ARCHITECT'S OR OWNER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.
- 6. ALL PLANTS TO BE SPECIMEN GRADE, MINNESOTA-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO, BUT IS NOT LIMITED BY, THE FOLLOWING STANDARDS:
- ALL PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, SCARS, ETC.
 ALL PLANTS SHALL BE FREE FROM NOTICEABLE GAPS, HOLES, OR DEFORMITIES.
- ALL PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES.
- ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAFING.
 CONIFEROUS TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS
 THAN 5-3
- 7. PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2014 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
- 8. PLANTS TO BE INSTALLED AS PER MNLA & ANSI STANDARD PLANTING PRACTICES.
- PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
- 10. PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR/ROOT FLAIR IS LOCATED AT THE TOP OF THE BALLED & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR/ROOT FLAIR. WHEN THE BALLED & BURLAP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAIR SHALL BE EVEN OR SLIGHTLY APOVE FINISHED CRADE.
- 11. OPEN TOP OF BURLAP ON BB MATERIALS; REMOVE POT ON POTTED PLANTS; SPLIT AND BREAK APART PEAT POTS.
- 12. PRUNE PLANTS AS NECESSARY PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
- 13. WRAP ALL SMOOTH-BARKED TREES FASTEN TOP AND BOTTOM. REMOVE BY APRIL 1ST.
- 14. STAKING OF TREES AS REQUIRED; REPOSITION, PLUMB AND STAKE IF NOT PLUMB AFTER ONE YEAR.
- 15. THE NEED FOR SOIL AMENDMENTS SHALL BE DETERMINED UPON SITE SOIL CONDITIONS PRIOR TO PLANTING. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENTS.
- 16. BACKFILL SOIL AND TOPSOIL TO ADHERE TO MN/DOT STANDARD SPECIFICATION 3877 (SELECT TOPSOIL BORROW) AND TO BE EXISTING TOP SOIL FROM SITE FREE OF ROOTS, ROCKS LARGER THAN ONE INCH, SUBSOIL DEBRIS, AND LARGE WEEDS UNLESS SPECIFIED OTHERWISE. MINIMUM 4" DEPTH TOPSOIL FOR ALL LAWN GRASS AREAS AND 12" DEPTH TOPSOIL FOR TREE, SHRUBS, AND PERENNIALS.
- 17. MULCH TO BE AT ALL TREE, SHRUB, PERENNIAL, AND MAINTENANCE AREAS. TREE AND SHRUB PLANTING BEDS SHALL HAVE 4" DEPTH OF SHREDDED HARDWOOD MULCH. SHREDDED HARDWOOD MULCH TO BE USED AROUND ALL PLANTS WITHIN TURF AREAS. PERENNIAL AND ORNAMENTAL GRASS BEDS SHALL HAVE 2" DEPTH SHREDDED HARDWOOD MULCH. MULCH TO BE FREE OF DELETERIOUS MATERIAL AND NATURAL COLORED, OR APPROVED EQUAL. MULCH TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
- 18. EDGING TO BE COMMERCIAL GRADE VALLEY-VIEW BLACK DIAMOND (OR EQUAL) POLY EDGING OR SPADED EDGE, AS INDICATED. POLY EDGING SHALL BE PLACED WITH SMOOTH CURVES AND STAKED WITH METAL SPIKES NO GREATER THAN 4 FOOT ON CENTER WITH BASE OF TOP BEAD AT GRADE, FOR MOWERS TO CUT ABOVE WITHOUT DAMAGE. UTILIZE CURBS AND SIDEWALKS FOR EDGING WHERE POSSIBLE. SPADED EDGE TO PROVIDE V-SHAPED DEPTH AND WIDTH TO CREATE SEPARATION BETWEEN MULCH AND GRASS. INDIVIDUAL TREE, SHRUB, OR RAIN-GARDEN BEDS TO BE SPADED EDGE, UNLESS NOTED OTHERWISE. EDGING TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
- 19. ALL DISTURBED AREAS TO BE SODDED OR SEEDED, UNLESS OTHERWISE NOTED. PARKING LOT ISLANDS TO BE SODDED WITH SHREDDED HARDWOOD MULCH AROUND ALL TREES AND SHRUBS. SOD TO BE STANDARD MINNESOTA GROWN AND HARDY BLUEGRASS MIX, FREE OF LAWN WEEDS. ALL TOPSOIL AREAS TO BE RAKED TO REMOVE DEBRIS AND ENSURE DRAINAGE. SLOPES OF 3:1 OR GREATER SHALL BE STAKED. SEED AS SPECIFIED AND PER MN/DOT SPECIFICATIONS. IF NOT INDICATED ON LANDSCAPE PLAN, SEE EROSION CONTROL PLAN.
- 20. PROVIDE IRRIGATION TO ALL PLANTED AREAS ON SITE. IRRIGATION SYSTEM TO BE DESIGN/BUILD BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. CONTRACTOR TO PROVIDE OPERATION MANUALS, AS-BUILT PLANS, AND NORMAL PROGRAMMING. SYSTEM SHALL BE WINTERIZED AND HAVE SPRING STARTUP DURING FIRST YEAR OF OPERATION. SYSTEM SHALL HAVE ONE-YEAR WARRANTY ON ALL PARTS AND LABOR. ALL INFORMATION ABOUT INSTALLATION AND SCHEDULING CAN BE OBTAINED FROM THE GENERAL CONTRACTOR.
- 21. CONTRACTOR SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
- 22. REPAIR, REPLACE, OR PROVIDE SOD/SEED AS REQUIRED FOR ANY ROADWAY BOULEVARD AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
- 23. REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.







Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
ALL CALCS @ 4' ABOVE GRADE	Illuminance	Fc	4.52	40.0	0.0	N.A.	N.A.	
EAST PROPERTY LINE	Illuminance	Fc	0.33	2.4	0.0	N.A.	N.A.	
NORTH PROPERTY LINE	Illuminance	Fc	0,00	0.0	0.0	N.A.	N.A.	
SOUTH PROPERTY LINE	Illuminance	Fc	18.32	26.9	1.2	15.27	22,42	
WEST PROPERTY LINE	Illuminance	Fc	2.31	21.6	0.0	N.A.	N.A.	
CUSTOMER PARKING	Illuminance	Fc	11.65	26.8	5.8	2.01	4.62	
FRONT ROW DISPLAY	Illuminance	Fc	33.54	39.7	16.7	2.01	2,38	
REAR LOT INSIDE CURB	Illuminance	Fc	17.77	28.9	4.4	4.04	6.57	





PHOTOMETRIC EVALUATION NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLD	LLF	Arr. Lum. Lumens	Arr. Watts
■→	10	Α	D180° 2RTD	MRM-LED-48L-SIL-50-70CRI-(1)FT-L;(1)FT-R-D180ROT	26′	1.000	1.000	97620	802
	15	В	D180°	MRM-LED-48L-SIL-5W-50-70CRI-D180	26′	1.000	1.000	94134	802
	3	С	SINGLE	MRM-LED-48L-SIL-FT-50-70CRI-SINGLE	26′	1.000	1.000	48810	401
	19	D	SINGLE	MRM-LED-48L-SIL-FT-50-70CRI-IL-SINGLE	26′	1.000	1.000	30899	401
	12	W	SINGLE	XWM-FT-LED-12L-50	16′	1.000	1.000	11988	82

Total Project Watts_1 <u>Total Watts = 29856</u>

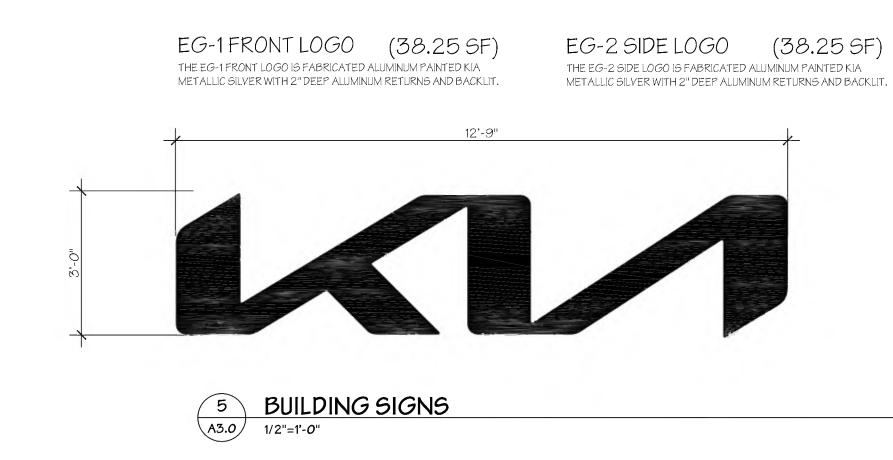




WALSER KIA
HWY 394
MINNETONKA, MN

BY:AHK DATE:2/24/23 REV:2/28/23 OF 1

SCALE: 1"=50'



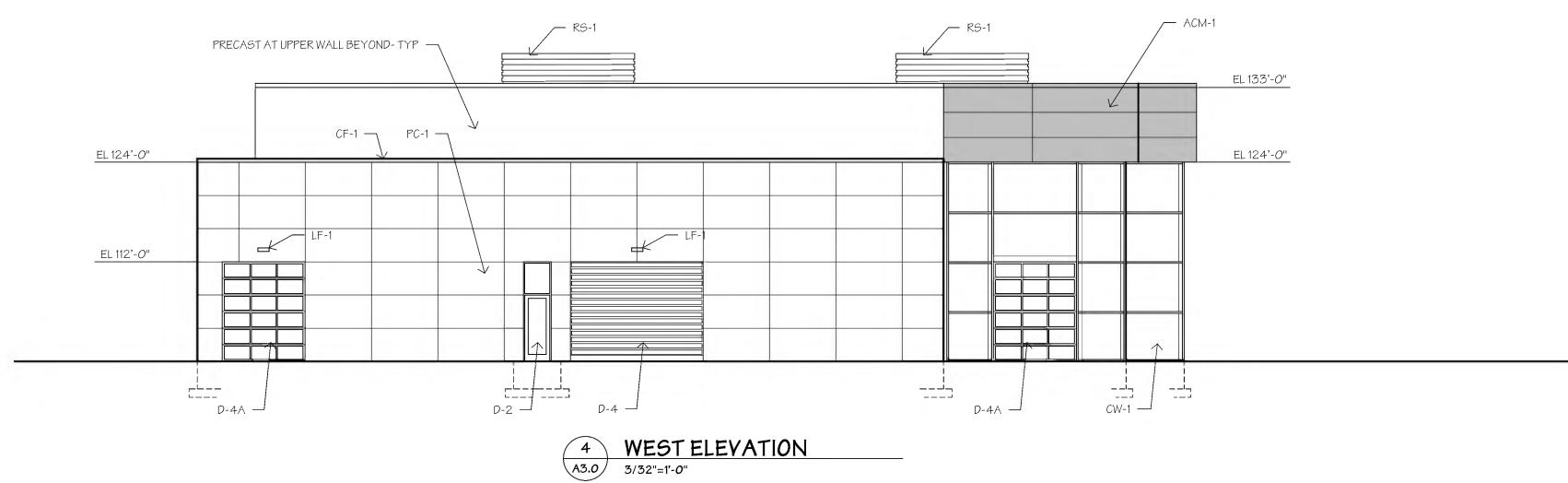
EG-3 WALSER SIGN (26 SF)
THE EG-3 "WALSER" SIGN IS AN INTERNALLY ILLUMINATED CAN SIGN, THE FACE IS KIA METALLIC SILVER PERFORATED VINYL THAT WILL ILLUMINATE WHITE AT NIGHT. IT HAS 3" DEEP ALUMINUM RETURNS THAT ARE FLUSH MOUNTED TO THE FACADE.

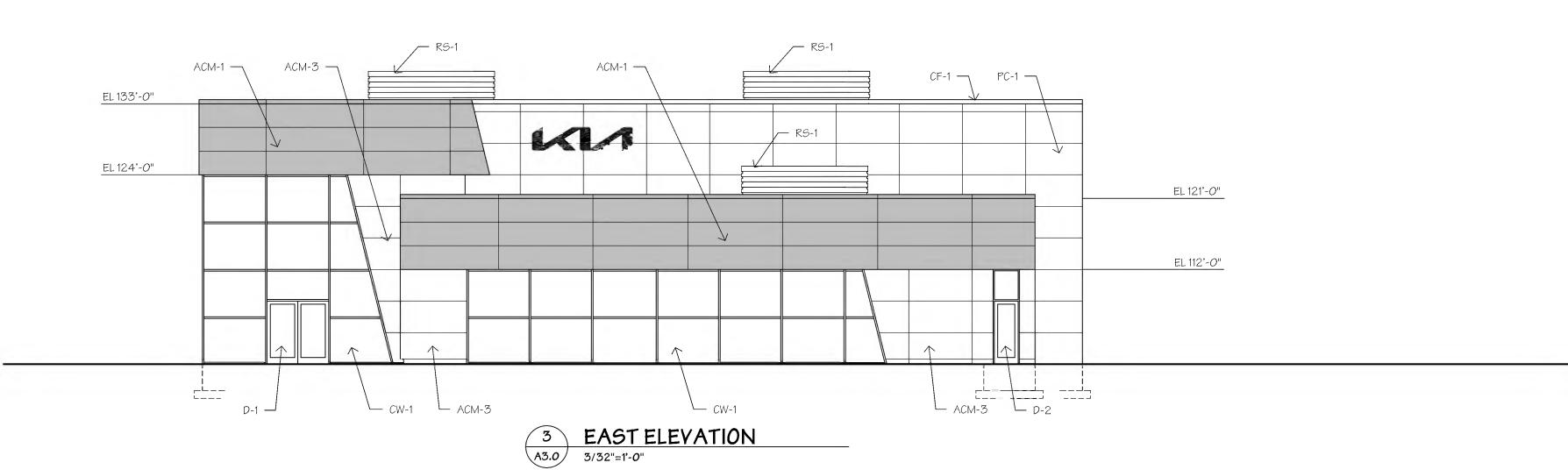


EG-4 SERVICE SIGN (26.5 SF)

THE EG-4 "SERVICE" IS AN INTERNALLY ILLUMINATED CAN SIGN. THE
FACE IS KIA METALLIC SILVER PERFORATED VINYL THAT WILL LLUMINATE
WHITE AT NIGHT AND HAS 3" DEEP ALUMINUM RETURNS THAT ARE
FLUSH MOUNTED TO THE FACADE.

SERVICE





ACM-1 ACM WALL PANEL - PREFINISHED

MANUFACTURED BY - ALPOLIC / FR

DRY JOINT SYSTEM

ACM-2 ENTRY PORTAL - ACM WALL PANEL MANUFACTURED BY - ALPOLIC / FR DRY JOINT SYSTEM COLOR: "BSX SILVER METALLIC"

COLOR: "TOB BLACK"

ACM-3 ACM WALL PANEL

MANUFACTURED BY- ALPOLIC / FR

DRY JOINT SYSTEM

COLOR: SIMILAR TO BENJAMIN MOORE
COVENTRY GRAY

CF-1 PREFINISHED METAL CAP FLASHING
COLOR: TO MATCH WALL BELOW

COLOR: TO MATCH WALL BELOW

CW-1 ALUM FRAME CURTAIN WALL SYSTEM CLEAR INSULATED GLASS"CAPPED" WITH ALUM COVER
COLOR: CLEAR ANODIZED

SF-1 STOREFRONT ALUMINUM WINDOW SYSTEM WITH CLEAR INSULATED GLASS COLOR: CLEAR ANODIZED

PC-1 DECORATIVE PRECAST CONCRETE WALL PANEL COLOR: INTEGRAL COLORED CONC - TO MATCH BENJAMIN MOORE - COVENTRY GRAY SMALL AGGREGATE FINISH TEXTURE

D-1 "EXTERIOR CAR DOOR"ENTRY DOOR SYSTEM WITH ALUMINUM FRAME AND CLEAR
INSULATED GLASS
COLOR: CLEAR ANODIZED

D-1A "AUTOMATIC" ENTRY DOOR SYSTEM WITH ALUMINUM FRAME AND CLEAR INSULATED GLASS COLOR: CLEAR ANODIZED

D-2 "EXTERIOR MAN DOOR"-ENTRY DOOR SYSTEM WITH ALUMINUM FRAME AND CLEAR INSULATED GLASS COLOR: CLEAR ANODIZED

D-3 NOT USED

D-4 HIGH-SPEED COILING OH DOOR, ALUMINUM FRAMING

WITH CLEAR POLYCARBONATE WINDOWS- FULLYIEW COLOR: CLEAR ANODIZED

D-4A

OH DOOR- ALUMINUM FRAMING WITH CLEAR

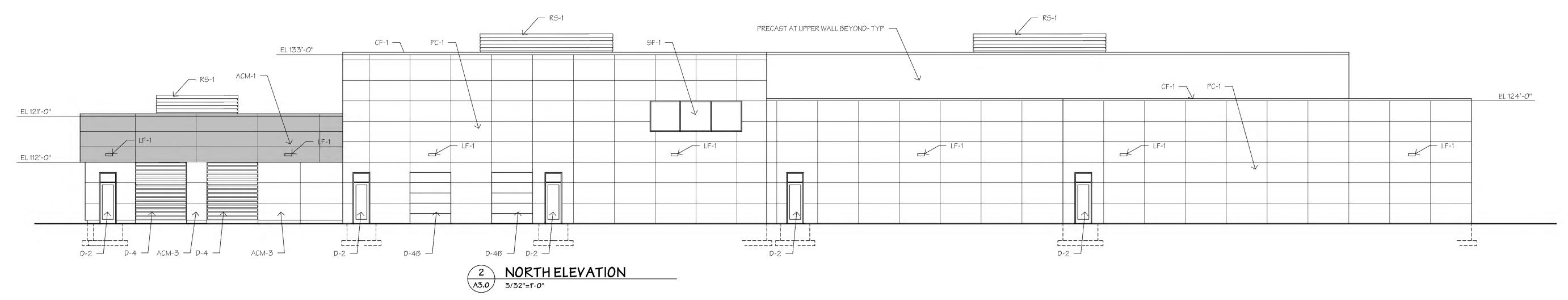
INSULATED GLASS
COLOR: CLEAR ANODIZED
D-4B
OH DOOR- PREFINISHED METAL WITH SOLID
INSULATED PANELS

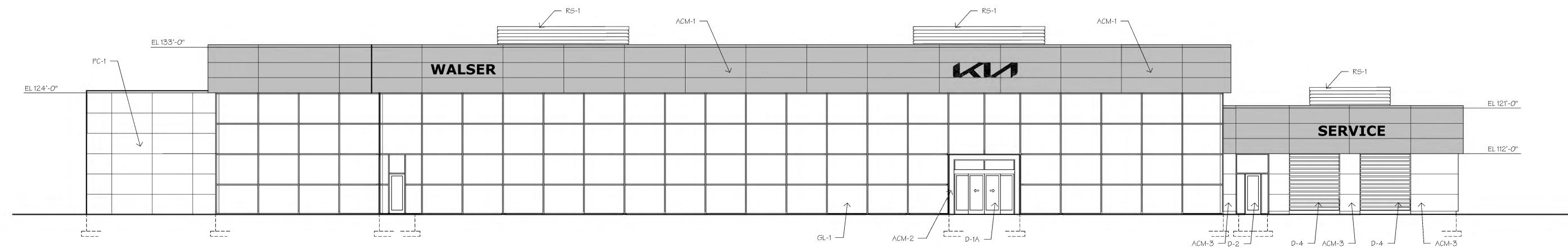
COLOR: CLEAR ANODIZED

LF-1 EXTERIOR LIGHT FIXTURE- WALL MOUNTED

"DOWN LIGHT" DESIGN

RS-1 PREFINISHED METAL ROOF SCREEN WITH HORIZONTAL "RIBBED" PROFILE COLOR: DARK GREY





1 SOUTH ELEVATION
3/32"=1'-0"

2023 NEW BUILDING FOR:

WAYZATA BLVD
MINNETONKA, MINNESOTA

PHILLIPS ARCHITECTS & CONTRACTORS, LTD.

401 North Third Street Suite 450 Minneapolis, MN 55401 Ph. (612) 868-1261 E-mail: dphillips@phillipsarchitects.com

I HEREBY CERTIFY THAT THIS PLAN,
SPECIFICATION, OR REPORT WAS PREPARED
BY ME OR UNDER MY DIRECT SUPERVISION
AND THAT I AM A DULY LICENSED
ARCHITECT UNDER THE LAWS OF THE
STATE OF MINNESOTA.
David A. Phillips

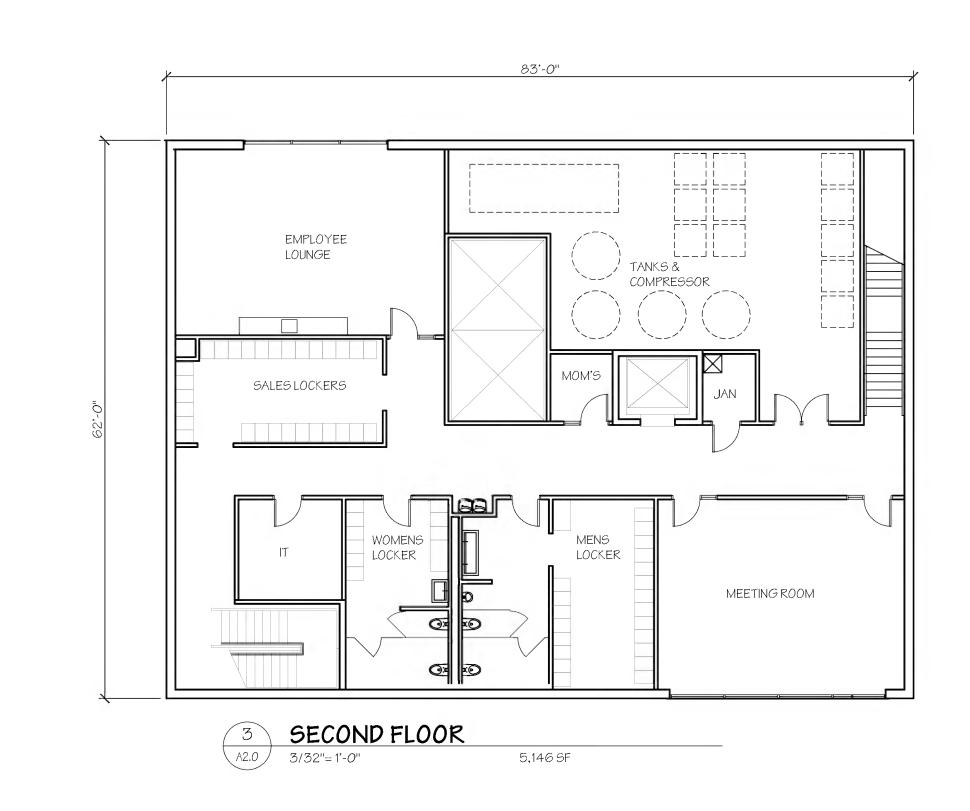
DATE REG. NO. 17387
ISSUE/REVISION:

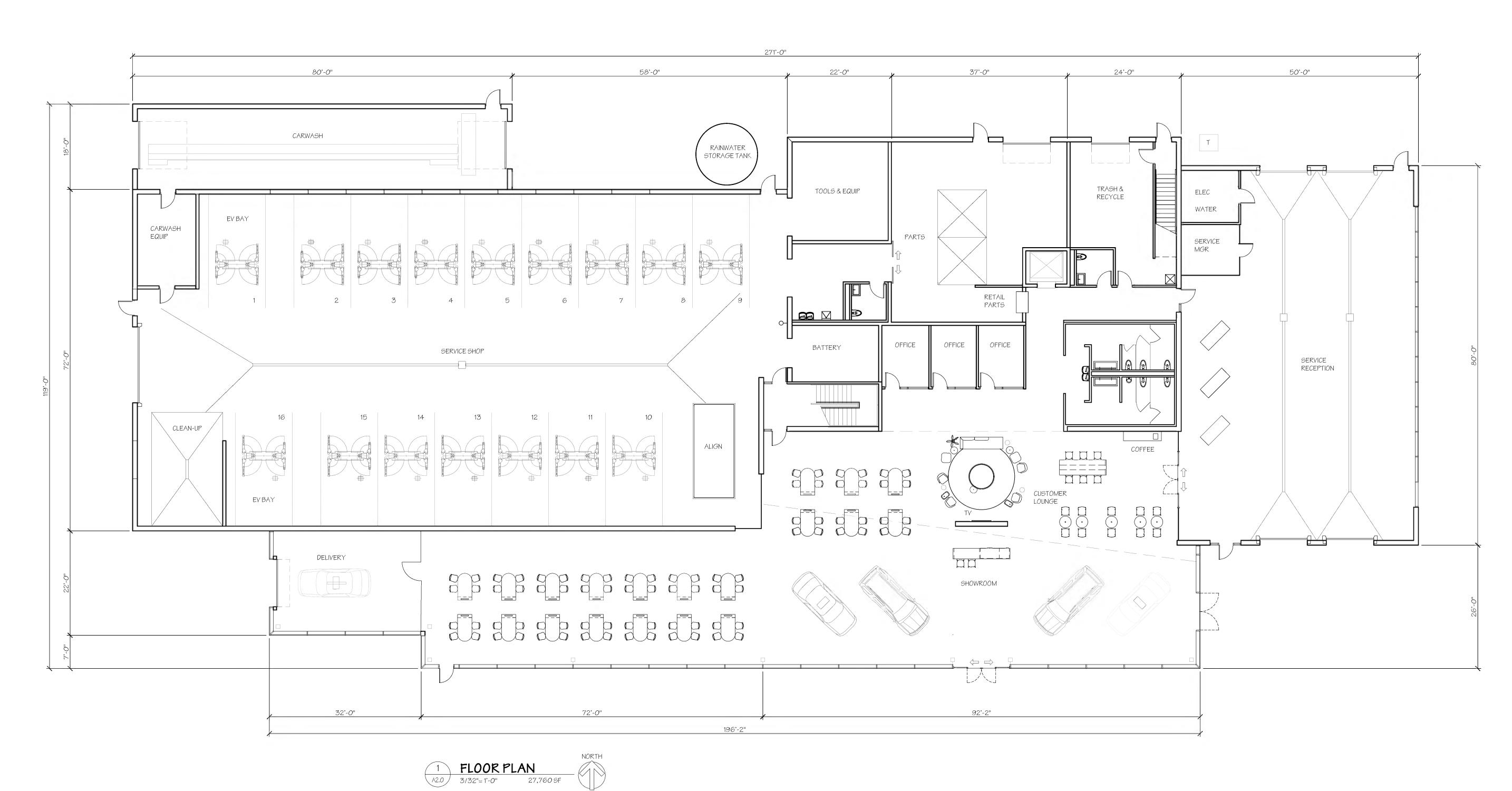
DRAWN BY:
CHECKED BY: DAP
PROJECT NO.:

EXTERIOR
ELEVATIONS

3/6/2023 ZONING

200





2023 NEW BUILDING FOR:

WAYZATA BLVD
MINNETONKA, MINNESOTA

MINNETONKA, MINNESOTA

PHILLIPS
ARCHITECTS &
CONTRACTORS, LTD.

401 North Third Street Suite 450 Minneapolis, MN 55401 Ph. (612) 868-1261 E-mail : dphillips@phillipsarchitects.com

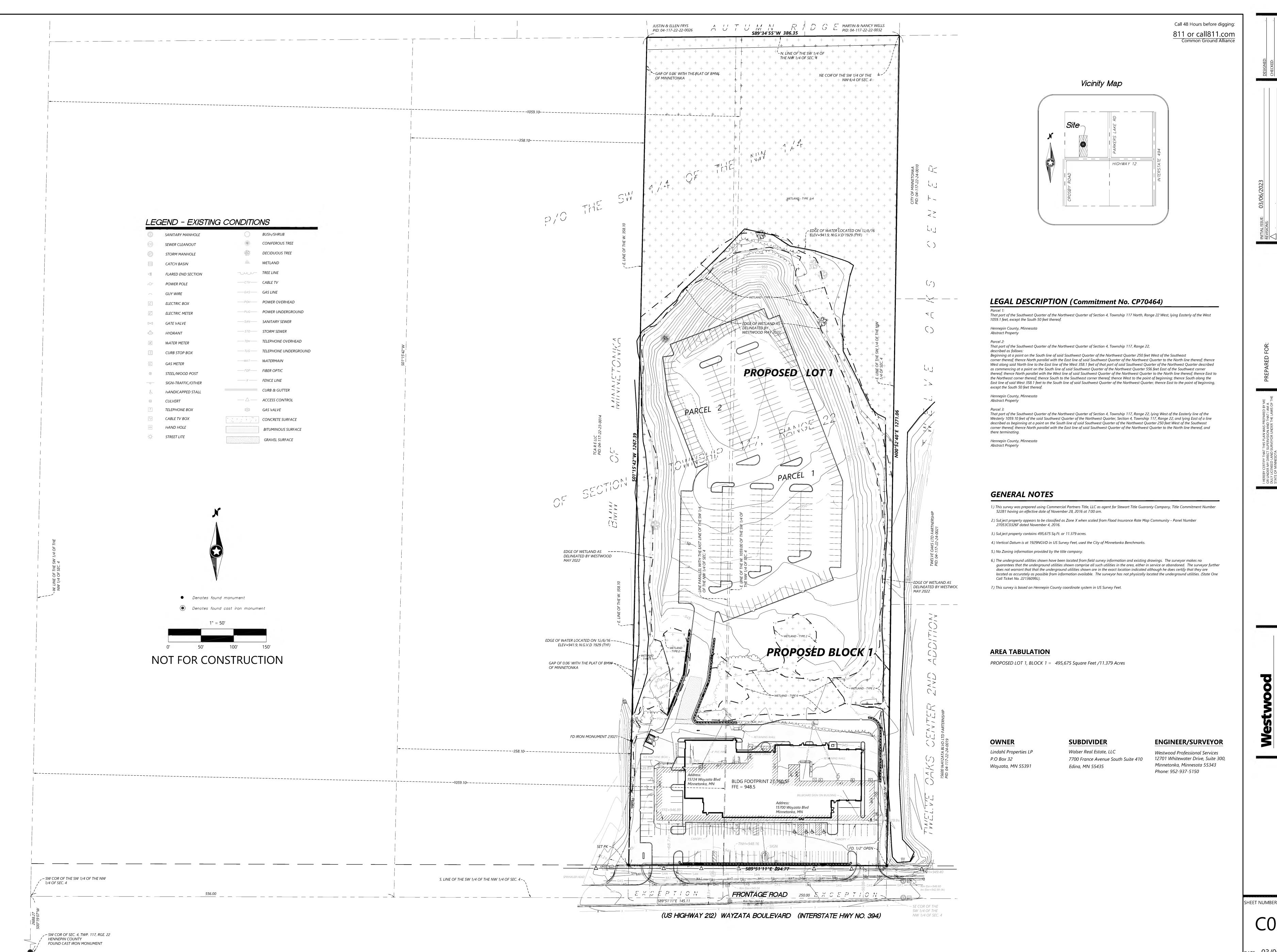
I HEREBY CERTIFY THAT THIS PLAN,
SPECIFICATION, OR REPORT WAS PREPARED
BY ME OR UNDER MY DIRECT SUPERVISION
AND THAT I AM A DULY LICENSED
ARCHITECT UNDER THE LAWS OF THE
STATE OF MINNESOTA.
David A Phillips

DATE REG. NO. 17387
ISSUE/REVISION:
3/6/2023 ZONING

DRAWN BY:
CHECKED BY: DAP
PROJECT NO.:

FLOOR PLAN





DATE: 03/06/2023 PROJECT NUMBER: 0036502.00

WALSER KIA ADDITION

KNOW ALL PERSONS BY THESE following described property:	PRESENTS: That Wals	ser Real Estate, L	LC, a Minnesota limit	ted liability company, fee	ener of the
That part of the Southwest Qua Easterly of the West 1059.1 fee			tion 4, Township 117	North, Range 22 West,	lying
ogether with;					
That part of the Southwest Quadescribed as follows: Beginning at a point on the Socorner thereof; thence North parthence West along said North linguarter described as commencing the Southwest corner thereof; thence East point of beginning; thence South Northwest Quarter; thence East	uth line of said Sout rallel with the East line ine to the East line of ing at a point on the thence North parallel to the Northeast co	thwest Quarter of ne of said Southv of the West 358.1 South line of so with the West lin orner thereof; the of said West 358	the Northwest Quart vest Quarter of the N feet of that part of id Southwest Quarter e of said Southwest nce South to the South	er 250 feet West of the Northwest Quarter to the If said Southwest Quarter If of the Northwest Quart Quarter of the Northwest Utheast corner thereof; Ine of said Southwest	e North line thereo r of the Northwest ter 556 feet East st Quarter to the thence West to the
ogether with;					
That part of the Southwest Qua he Westerly 1059.10 feet of the of a line described as beginning he Southeast corner thereof; t North line thereof, and there te	e said Southwest Quo g at a point on the S hence North parallel	arter of the North South line of said	nwest Quarter, Section I Southwest Quarter (n 4, Township 117, Rang of the Northwest Quarte	ne 22, and lying Ed r 250 feet West of
Has caused the same to be su drainage and utility easements	rveyed and platted a as created by the pl	s WALSER KIA AD ot.	DITION and does here	eby dedicate to the pub	lic for public use t
n witness whereof said Lindahl officer this day of				d these presents to be	signed by its prop
	Signed: Walser	Real Estate, LLC,	a Minnesota limited	liability company	
	Ву:		, its		
STATE OF MINNESOTA COUNTY OF This instrument was acknowledg Real Estate, LLC, a Minnesota In					
		<u></u>			
(Signati	ure)			(Name Printed)	
Notary Public,	County,		_		
My Commission Expires					
Chris Ambourn do hereby cert Surveyor in the State of Minnes abels are correctly designated vear; that all water boundaries certificate are shown and labele	sota; that this plat is on this plat; that all and wet lands, as de	s a correct repre: I monuments depi lefined in Minneso	sentation of the bour icted on this plat ha ta Statutes, Section	ndary survey; that all m ve been, or will be corre 505.01, Subd. 3, as of	athematical data c ectly set within one
Dated this day of		, 20			
Chris Ambourn, Licensed Land S Minnesota License No. 43055	Gurveyor				
STATE OF MINNESOTA COUNTY OF					
This instrument was acknowledg	ed before me on this	s day of		, 20, by Chris An	nbourn.
(Signate	ure)			(Name Printed)	
Notary Public,	County, Mir	nnesota			
My Commission Expires					
•					

	d accepted by the City Council of Wayzata, Minnesota, at a regular, 20 and said plat is in compliance w
the provisions of Minnesota Statutes, Section 505.0	3, Subdivision 2.
CITY COUNCIL OF	WAYZATA, MINNESOTA
By	 By City Manager
мауы	City Manager
RESIDENT AND REAL ESTATE SERVICES, Hennepin Co	ounty, Minnesota
	prior years have been paid for land described on this plat, dated this
day of, 20	
, County Auditor	By
SURVEY DIVISION, Hennepin County, Minnesota	
Pursuant to MN. STAT. Sec. 383B.565 (1969) this p 20	plat has been approved this day of
Chris F. Mavis, County Surveyor E	<i></i>
COUNTY RECORDER, Hennepin County, Minnesota	
I hereby certify that the within plat of WALSER KIA	ADDITION was recorded in this office
this day of,	20, ato'clockM.
Ambar Pavaia Covaty Passada	D.v.
Amber Bougie, County Recorder	Ву

CITY COUNCIL OF WAYZATA, MINNESOTA

