LANDSCAPE NOTES:

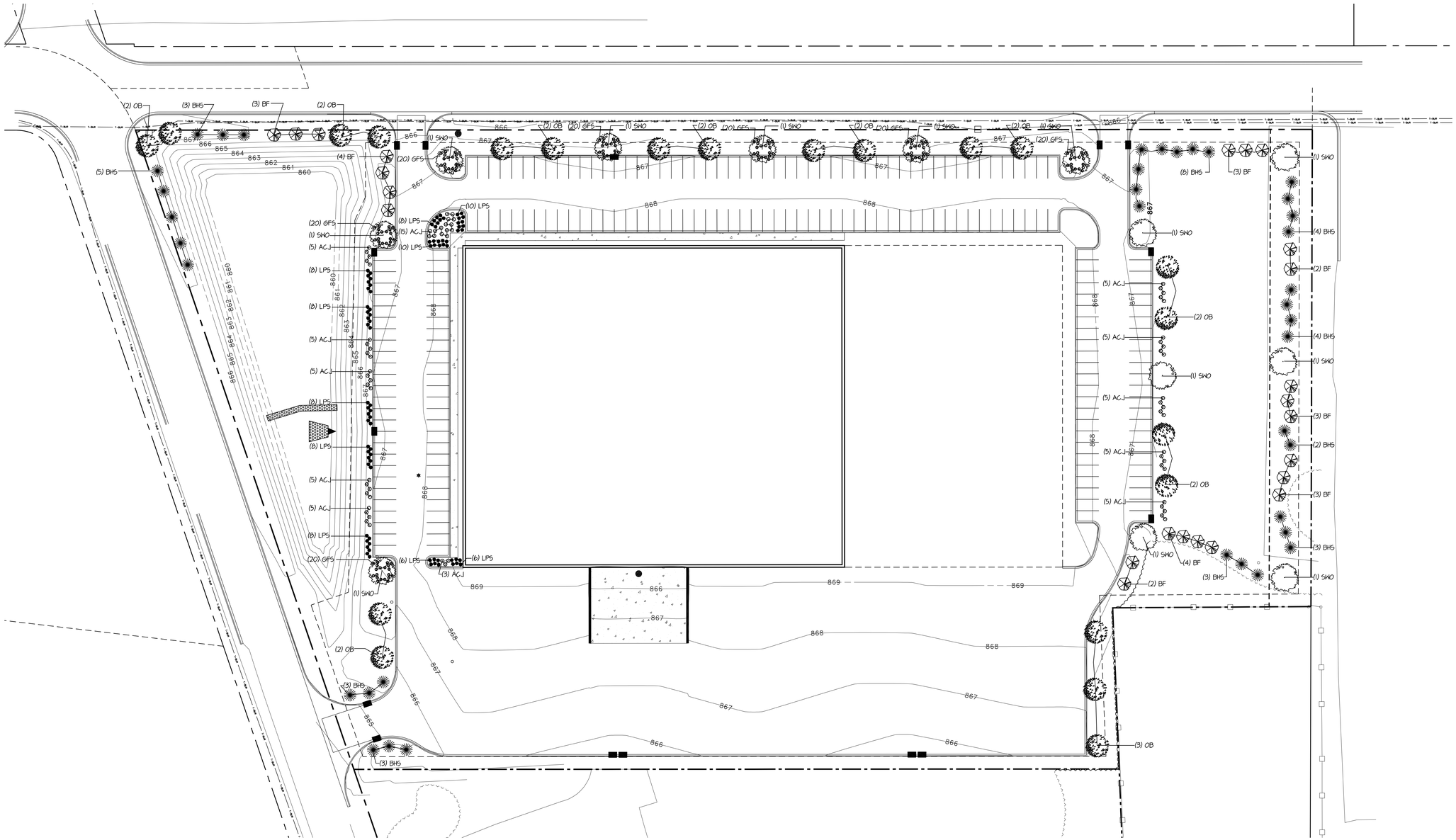
1. ALL PLANTING BEDS TO BE EDGED WITH BLACK DIAMOND OR EQUAL BLACK VINYL EDGING AND MULCHED WITH ROCK MULCH AT 3" DEPTH OVER TYPAR WEED BARRIER FABRIC OR EQUAL.
2. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING GOPHER STATE ONE. CALL FOR UNDERGROUND UTILITY LOCATIONS PRIOR TO DIGGING.
3. PLANT TREES & SHRUBS AFTER FINAL GRADES ARE ESTABLISHED AND PRIOR TO PLANTING OF LAWNS, UNLESS OTHERWISE ACCEPTABLE TO GENERAL CONTRACTOR OR OWNER. IF PLANTING OF TREES & SHRUBS OCCURS AFTER LAWN WORK, PROTECT LAWN AREAS AND PROMPTLY REPAIR AT NO COST TO THE OWNER, DAMAGE TO LAWNS RESULTING FROM PLANTING OPERATIONS.
4. IF SPECIFIED MATERIAL IS NOT OBTAINABLE, NOTIFY GENERAL CONTRACTOR OR OWNER, ALONG W/ A DESCRIPTION OF EQUIVALENT MATERIAL.
5. IF THERE IS A DISCREPANCY BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLAN AND THE NUMBER SHOWN ON THE PLANT LIST, THE NUMBER SHOWN ON THE PLAN SHALL GOVERN.
6. LANDSCAPE CONTRACTOR SHALL WARRANTY TREES & SHRUBS FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE AGAINST DEFECTS INCLUDING DEATH, POOR GROWTH, AND PLUMB ORIENTATION.
7. PROVIDE SOIL AMENDMENTS AT ALL TREE & SHRUB PLANTING HOLES CONSISTING OF EQUAL MIX OF ORGANIC MATERIAL, BLACK DIRT, AND SAND.
8. ALL MATERIAL SHALL BE RATED FOR APPROPRIATE TEMPERATURE ZONE AND SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMAN.
9. ALL LAWN AREAS TO HAVE IRRIGATION AND SOD TO PROPERTY LINES AND/OR TO BACK OF CURBS ALONG RIGHT OF WAYS.
10. SOD SHALL BE CULTURED KENTUCKY BLUEGRASS, FREE OF WEEDS & CLUMPS. LANDSCAPE CONTRACTOR WILL WATER AT TIME OF INSTALLATION AND ROLL ALL SOD AS NEEDED TO ASSURE A SMOOTH TURF SURFACE. ALL SLOPES GREATER THAN 3:1 SHALL BE STAKED. ANY SLIDING OF SOD SHALL BE REPLACED BY THE LANDSCAPE CONTRACTOR.
11. ALL SOD IS TO BE IRRIGATED.
12. ALL TREES PLANTED SHALL RECEIVE 3" ROCK MULCH SAUCERS WITH A MINIMUM DEPTH OF 4" AS SHOWN IN DETAILS.
13. ALL TREES SHALL BE STAKED IF DEEMED NECESSARY AND WRAPPED AT THE END OF THE GROWING SEASON.
14. LANDSCAPE BID TO INCLUDE A COMPLETE LAWN IRRIGATION SYSTEM AS REQUIRED.
15. ALL SHRUB BEDS TO RECEIVE ROCK MULCH TO 3" DEPTH WITH WEED BARRIER FABRIC.
16. COMMERCIAL GRADE VINYL EDGER TO BE USED WHERE SOD ABUTS SHRUB BEDS.
17. INFILTRATION AREA TO BE BLANKETED THROUGHOUT TO ELEVATION 93.0.
18. NO PLANTS IN INFILTRATION AREA TO BE PLANTED BELOW ELEVATION 91.0.
19. INFILTRATION AREA TO BE SEEDED WITH MNDOT #310 OR EQUIVALENT.
20. BLANKET IN INFILTRATION AREA TO MEET MNDOT 3885 CATEGORY 1 AND 2 SPECIFICATIONS.

LANDSCAPE CALCULATIONS:

E-1 ~ EMPLOYMENT DISTRICT	
TREE CALCULATION ~ WHICHEVER IS GREATER	
METHOD 1: 1 TREE PER 50 LINEAR FEET OF SITE PERIMETER:	SITE PERIMETER = 2,724 FEET / 50 FEET = 55 TREES
METHOD 2: 1 TREE PER 1,000 SF OF BUILDING FOOTPRINT AREA:	BUILDING FOOTPRINT AREA = 78,369 SF / 1,000 = 79 TREES
ADDITIONAL TREE CALCULATION PER PARKING = ADDITIONAL OVERSTORY TREES	
METHOD: 1 TREE PER EVERY 10 PARKING STALLS:	206 PARKING STALLS / 10 = 21 TREES
TOTAL TREES REQUIRED:	100 TREES REQUIRED
TOTAL TREES PROVIDED:	100 TREES PROVIDED
SHRUB CALCULATION ~ WHICHEVER IS GREATER	
METHOD 1: 1 SHRUB PER 30 LINEAR FEET OF SITE PERIMETER:	SITE PERIMETER = 2,724 FEET / 30 FEET = 91 SHRUBS
METHOD 2: 1 SHRUB PER 300 SF OF BUILDING FOOTPRINT AREA:	BUILDING FOOTPRINT AREA = 78,369 SF / 300 = 262 SHRUBS
TOTAL SHRUBS REQUIRED:	262 SHRUBS REQUIRED
TOTAL SHRUBS PROVIDED:	288 SHRUBS PROVIDED

PLANT LIST

KEY	QTY	COMMON NAME	BOTANICAL NAME	SIZE	ROOT
		TREES			
BHS	38	Black Hills Spruce	Picea glauca	6' HT.	BB
OB	21	Ohio Buckeye	Aesculus glabra	2.5" Cal.	BB
SWO	12	Swamp White Oak	Quercus bicolor	2.5" Cal.	BB
BF	29	Balsam Fir	Abies balsamea	6' HT.	BB
		SHRUBS			
ACJ	68	Andorra Compact Juniper	Juniperus horizontalis ' Plumosa Compacta'	2' HT.	BB.
LPS	80	Little Princess Spirea	Spiraea japonica 'Little Princess'	2' HT.	B.B.
GFS	140	Grow-low Fragrant Sumac	Rhus Aromatic 'Gro-low'	2' HT.	5 Gal.



1 LANDSCAPE PLAN
L1.1
1"=40'-0"

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PROJECT

ANDERSON DAHLEN
BUILDING
NEW BUILDING
RAMSEY, MINNESOTA

Kinghorn COMPANY
GENERAL CONTRACTORS

ISSUED SET CITY SUBMITTAL 05-02-2019
REVISIONS
DATE NO.

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

_____ -
REG. NO. DATE

LANDSCAPE PLAN

DRAWN BY: AAT CHECKED BY: TRM

L1.1

191127 LPL-191127

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