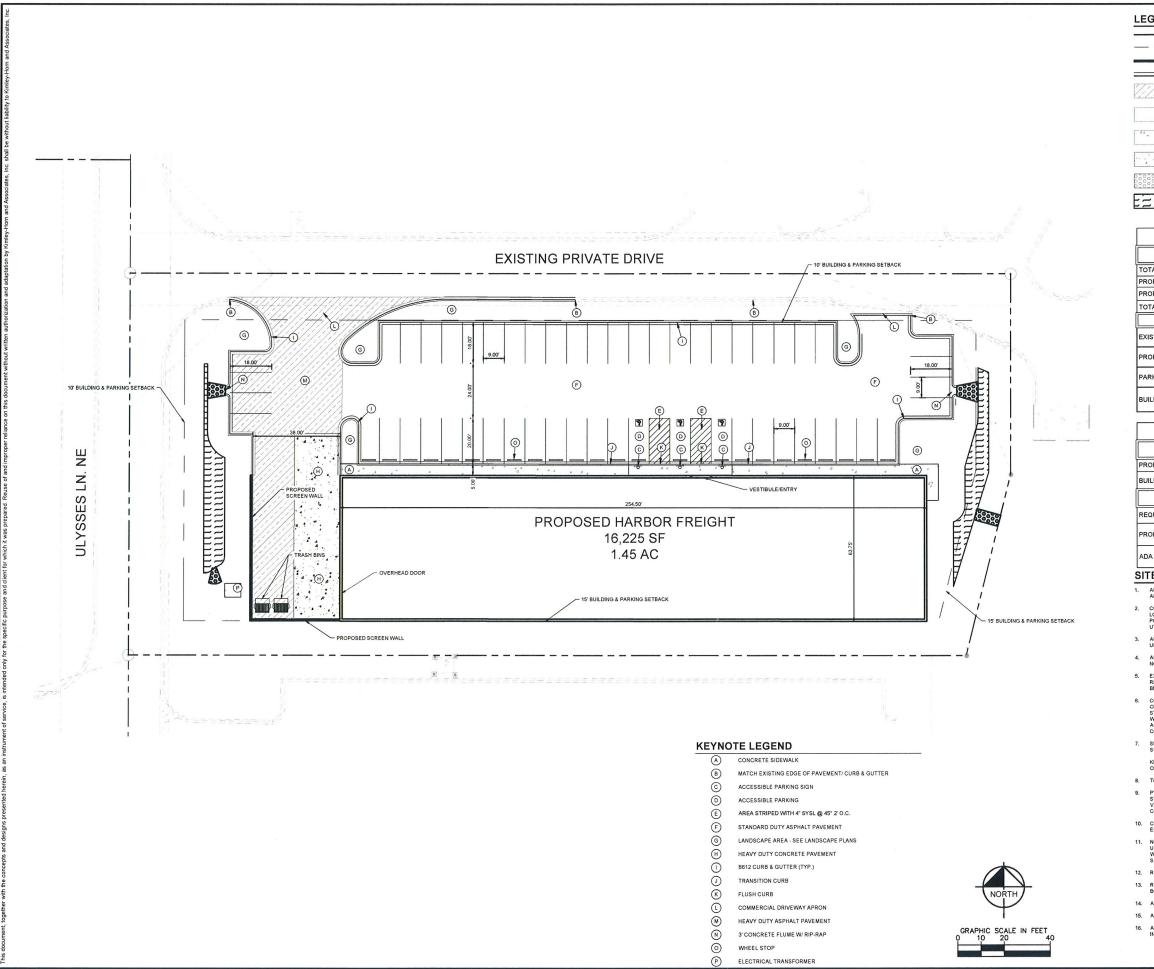




Case File No. 18-0031 Harbor Freight Tools







PROPERTY LINE

SETBACK LINE

SCREEN WALL (REF ARCH PLANS FOR DETAILS)

PROPOSED CURB AND GUTTER

taakaatanka harkaatanka aharkaa

PROPOSED STANDARD DUTY ASPHALT

PROPOSED CONCRETE PAVEMENT
PROPOSED CONCRETE SIDEWALK

PROPOSED STORMWATER MANAGEMENT AREA

PROPERTY SUMMARY					
BLAINE - HARBOR FREIGHT					
TOTAL PROPERTY AREA	1.45 AC				
PROPOSED NEW IMPERVIOUS AREA	0.89 AC (70.0%)				
PROPOSED NEW PERVIOUS AREA	0.38 AC (30.0%)				
TOTAL DISTURBED AREA	1.27 AC				
ZONING SUMM	ARY				
EXISTING ZONING	PLANNED BUSINESS DISTRICT				
PROPOSED ZONING	PLANNED BUSINESS DISTRICT				
PARKING SETBACKS	SIDE/REAR = 15' ROAD = 10'				
BUILDING SETBACKS	FRONT = 10' SIDE/REAR = 15'				

BUILDING DATA SUMMARY AREAS				
BUILDING AREA	16,225 SF (25.7% OF TOTAL PROPERTY AREA)			
PARKIN	IG			
REQUIRED PARKING	52 SPACES @ 3.2/1,000 SF			
PROPOSED PARKING	54 SPACES @ 3.33 RATIO			
ADA STALLS REQ'D / PROVIDED	3 STALLS / 3 STALLS			

SITE PLAN NOTES

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBILES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- 3. ALL INNER CURBED RADII ARE TO BE 3' AND OUTER CURBED RADII ARE TO BE 10'
- ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY, ALL COST SHALL BE INCLUDED IN BASE BID.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION TAKEN FROM A SURVEY BY SAMBATEK, DATED 11/23/2016.

KIMLEY-HORN ASSUMES NO LIABILITY FOR ANY ERRORS, INACCURACIES, OR OMISSIONS CONTAINED THEREIN.

- 8. TOTAL LAND AREA IS 1.45 ACRES.
- PYLON / MONUMENT SIGNS SHALL BE CONSTRUCTED BY OTHERS, SIGNS ARE SHOWN FOR GRAPHICAL 8. INFORMATIONAL PURPOSES ONLY, CONTRACTOR TO VERIFY SIZE, LOCATION AND ANY REQUIRED PERMITS NECESSARY FOR THE CONSTRUCTION OF THE PYLON / MONUMENT SIGN.
- 10. CONTRACTOR SHALL REFERENCE ARCH / MEP PLANS FOR SITE LIGHTING AND ELECTRICAL PLAN.
- 11. NO PROPOSED LANDSCAPING SUCH AS TREES OR SHRUBS, ABOVE AND UNDERGROUND STRUCTURES, OR OTHER OBSTRUCTIONS SHALL BE LOCATED WITHIN EXISTING OR PROPOSED UTILITY EASEMENTS AND RIGHTS OF WAY UNLESS SPECIFICALLY NOTED ON PL
- 12. REFERENCE ARCHITECTURAL PLANS FOR SCREEN WALL DETAILS.
- 13. REFER TO FINAL PLAT OR ALTA SURVEY FOR EXACT LOT AND PROPERTY BOUNDARY DIMENSIONS.
- 14. ALL AREAS ARE ROUNDED TO THE NEAREST SQUARE FOOT.
- 15. ALL DIMENSIONS ARE ROUNDED TO THE NEAREST TENTH FOOT.
- ALL PARKING STALLS TO BE 9' IN WIDTH AND 18' IN LENGTH UNLESS OTHERWISE INDICATED.

IMINARY - NOT FOR CONSTRUCTION

BLAINE - HARBOR FREIGHT

Kimley»Horn

I HEREBY CERTIFY
SPECIFICATION OR
ME OR UNDER MY D
THAT I AM A DULY L
ENGINEER UNDER T

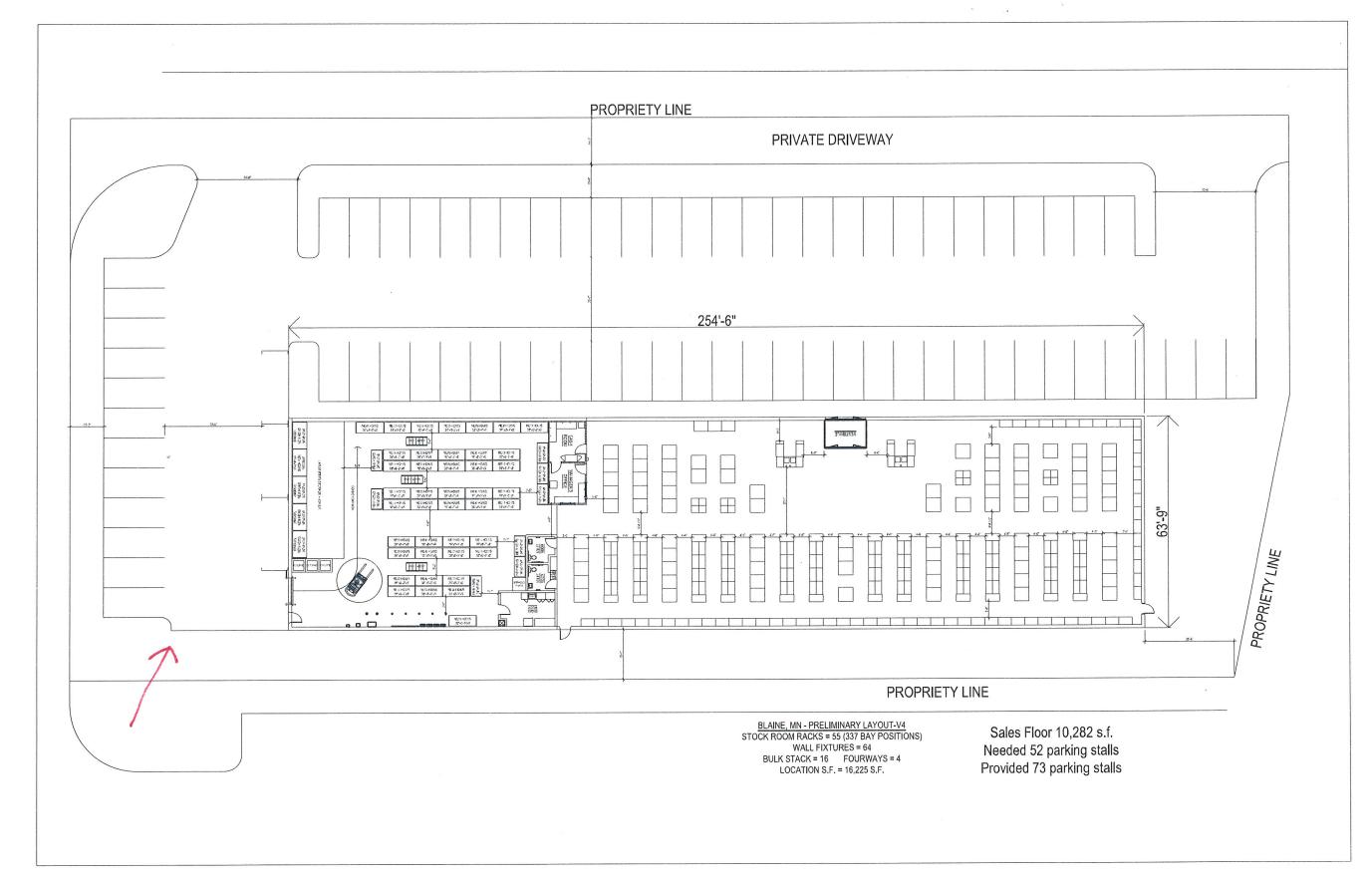
PLAN

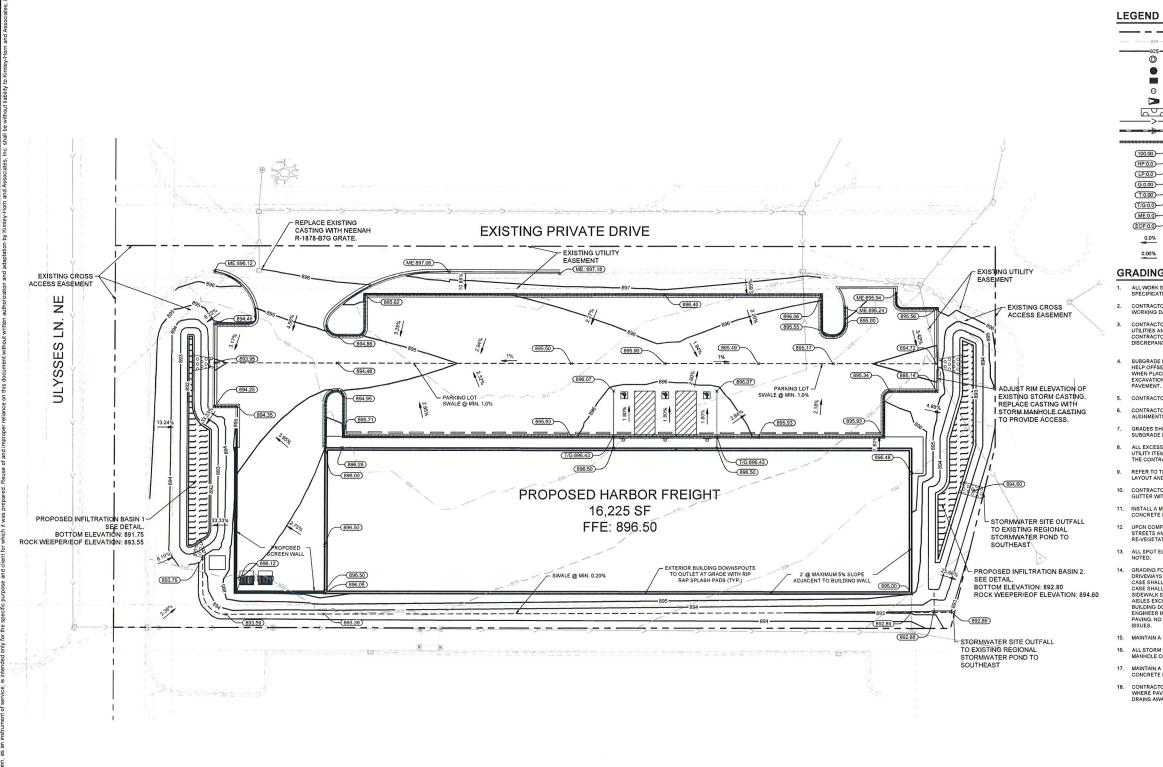
SITE

SHEET NUMBER

DEVELOPMENT

Proof of Parking Plan





PROPERTY LINE EXISTING CONTOUR PROPOSED CONTOUR (0) PROPOSED STORM MANHOLE (SOLID CASTING PROPOSED STORM MANHOLE (ROUND INLET CASTING) PROPOSED STORM MANHOLE/ CATCH BASIN (CURB INLET CASTING) PROPOSED STORM SEWER CLENOUT PROPOSED FLARED END SECTION PROPOSED RIPRAP PROPOSED STORM SEWER PROPOSED STORM SEWER PROPOSED SPILL CURB (100.00)× PROPOSED SPOT ELEVATION PROPOSED HIGH POINT ELEVATION HP:0.0 PROPOSED LOW POINT ELEVATION (LP:0.0) × PROPOSED GUTTER ELEVATION G:0.00 PROPOSED TOP OF CURB ELEVATION T:0.00 (T/G:0.0) MATCH EXISTING ELEVATION ME:0.0 EOF:0.0 PROPOSED EMERGENCY OVERFLOW PROPOSED DRAINAGE DIRECTION 0.0% 0.00% PROPOSED ADA SLOPE

GRADING PLAN NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF BLAINE, SPECIFICATIONS AND BUILDING PERMIT REQUIREMENTS.
- CONTRACTOR TO CALL GOPHER STATE CALL ONE @ <1-800-252-1166> AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION/CONSTRUCTION FOR UTILITY LOCATIONS.
- CONTRACTOR TO FIELD VERIFY THE LOCATIONS AND ELEVATIONS OR EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO THE START OF SITE GRADING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES OR VARIATIONS.
- SUBGRADE EXCAVATION SHALL BE BACKFILLED IMMEDIATELY AFTER EXCAVATION TO HELP OFFSET ANY STABILITY PROBLEMS DUE TO WATER SEEPAGE OR STEEP SLOPES. WHEN PLACING NEW SUBFACE MATERIAL ADJACENT TO EXISTING PAYMEMENT. THE EXCAVATION SHALL BE BACKFILLED PROMPTLY TO AVOID UNDERMINING OF EXISTING
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HORIZONTAL AND VERTICAL CONTRO
- CONTRACTOR SHALL EXCAVATE DRAINAGE TRENCHES TO FOLLOW PROPOSED ALIGNMENTS.
- GRADES SHOWN ARE FINISHED GRADES, CONTRACTOR SHALL ROUGH GRADE TO SUBGRADE ELEVATION AND LEAVE STREET READY FOR SUBBASE.
- ALL EXCESS MATERIAL BITHMINOUS SURFACING CONCRETE ITEMS. ANY AB UTILITY ITEMS, AND OTHER UNSTABLE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF THE CONSTRUCTION SITE.
- REFER TO THE UTILITY PLAN FOR SANITARY SEWER MAIN, WATER MAIN SERVICE LAYOUT AND ELEVATIONS AND CASTING / STRUCTURE NOTATION.
- INSTALL A MINIMUM OF 4° CLASS 5 AGGREGATE BASE UNDER CURB AND GUTTER AND CONCRETE SIDEWALKS.
- UPON COMPLETION OF EXCAVATION AND FILLING, CONTRACTOR SHALL RESTORE ALL STREETS AND DISTURBED AREAS ON SITE. ALL DISTURBED AREAS SHALL BE RE-VEGETATED WITH A MINIMUM OF 4 "OF TOPSOIL.
- 13. ALL SPOT ELEVATIONS/CONTOURS ARE TO GUTTER / FLOW LINE UNLESS OTHERWISE NOTED,
- GRADING FOR ALL SIDEWALKS AND ACCESSIBLE ROUTES INCLUDING CROSSING DRIVEWAYS SHALL CONFORM TO CURRENT ADA STATE/INATIONAL STANDARDS. IN NO AGAS SHALL ACCESSIBLE RAMP SLOPES EXCEED 1 VERTICAL TO 21 HORIZONTAL. IN NO CASE SHALL SIDEWALK SLOPES EXCEED 2%. IN NO CASE SHALL ALLONGITUDINAL SIDEWALK SLOPES EXCEED 5%. IN NO CASE SHALL ACCESSIBLE PARKING STALLS OR AISLES EXCEED 2% 1,5% TARGET) IN ALL DIRECTIONS. SIDEWALK ACCESS TO EXTERNAL BUILDING DOORS AND GATES SHALL BE ACCESSIVE PRIVATE OF THE STANDARD STANDARD SHALL BE ACCESSIVE SHALL BOTTLY ENGINEER IMMEDIATELY IF ADA CRITERIA CANNOT SE MET IN ANY LOCATION PRIOR TO PAYING, NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR A.D.A. COMPLIANT.
- ALL STORM SEWER CONNECTIONS SHALL BE GASKETED AND WATER TIGHT INCLUDING MANHOLE CONNECTIONS.
- MAINTAIN A MINIMUM OF 1.20% SLOPE IN BITUMINOUS PAVEMENT AREAS, 0.5% SLOPE IN CONCRETE PAVEMENT AREAS.
- CONTRACTOR SHALL REVIEW PAVEMENT GRADIENT AND CONSTRUCT "INFALL CURB" WHERE PAVEMENT DRAINS TOWARD GUTTER, AND "OUTFALL" CURB WHERE PAVEMENT DRAINS AWAY FROM GUTTER

CONSTRUCTION - NOT FOR IMINARY

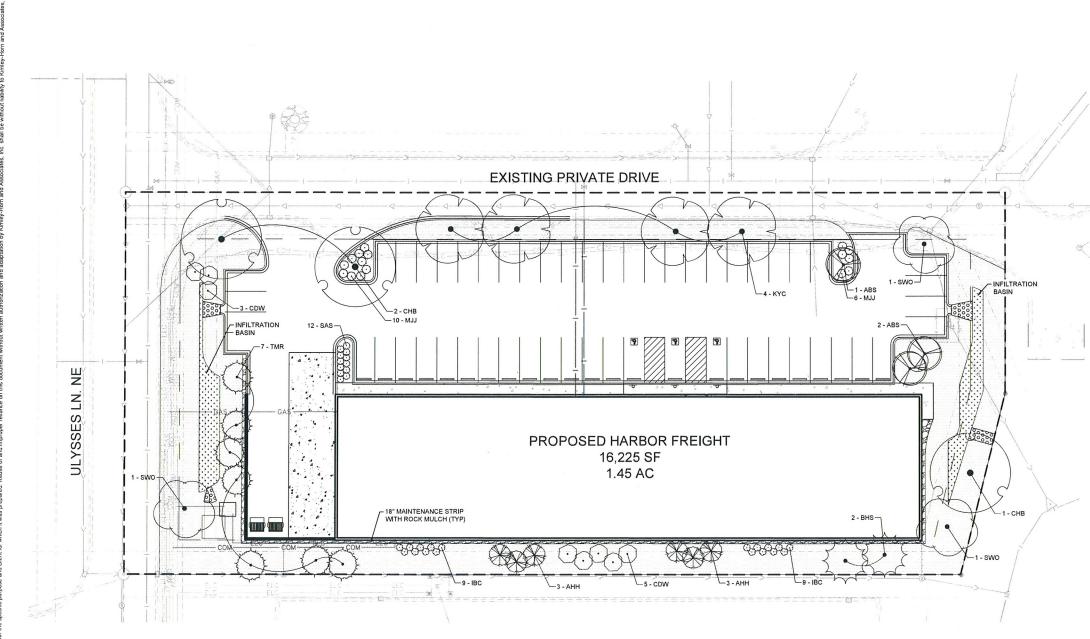
BLAINE - HARBOR FREIGHT PREPARED FOR DEVELOPMENT

PLAN

GRADING

Kimley»Horn

SHEET NUMBER C500



<u>PLANTING NOTES</u>

1. PLANT MATERIAL SHALL COMPLY WITH THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI 260.1. UNLESS NOTED OTHERWISE, DECIDIOUS SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED HEIGHT. ORNAMENTAL TREES SHALL HAVE NO "CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 3" ABOVE THE ROOT BALL. STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 6' ABOVE PAVED

- INSTALL PLANT MATERIAL ONCE FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- 3. INSTALL PLANT MATERIALS PER PLANTING DETAILS.
- 4. SUBSTITUTION REQUESTS FOR PLANT MATERIAL TYPE & SIZE SHALL BE SUBSTITUTION REQUESTS FOR PLANT MATERIAL TIPE & SIZE STALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR CONSIDERATION PRIOR TO BIDDING, ALL SUBSTITUTIONS AFTER BIDDING MUST BE APPROVED BY LANDSCAPE ARCHITECT AND ARE SUBJECT TO CONTRACT ADJUSTMENTS.
- 5. ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. LANDSCAPE ARCHITECT MUST BE NOTIFIED PRIOR TO ADJUSTMENT OF PLANTS.
- 6. FERTILIZE PLANT MATERIAL UPON INSTALLATION WITH DRIED BONE MEAL, OTHER APPROVED FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS OR MAY BE TREATED FOR SUMMER AND FALL INSTALLATION WITH AN APPLICATION OF GRANULAR 10-0-5 OF 12 OZ. PER 2.5" CALIPER TREE AND 6 OZ. PER SHRUB WITH AND ADDITIONAL APPLICATION OF 10-0-10 THE FOLLOWING SPRING IN THE TREE SAUCER.
- 7. INSTALL 18" DEPTH OF PLANTING SOIL IN AREAS RECEIVING GROUND COVER, SHRUBS, PERENNIALS, & ANNUALS UNLESS OTHERWISE NOTED.
- 8. TREE WRAPPING SHALL OCCUR IN THE FALL ON OCTOBER 15 AND REMOVE WRAPPING AFTER APRIL 15.
- 9. APPLY PRE-EMERGENT HERBICIDE PREEN (OR APPROVED EQUAL) IN ANNUAL, APPLT PRE-EMBERGEN HERBILDE FREEN (OR APPROVED EQUAL) INVANDAL, PERENNIAL, AND SHRUB BEDS FOLLOWED BY SHREDDED HARDWOOD MULCH. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING USE OF HERBICIDES.
- 10. INSTALL 4" DEEP DOUBLE SHREDDED HARDWOOD BARK MULCH RINGS AT CONIFEROUS & DECIDUOUS TREES WITH NO MULCH IN DIRECT CONTACT WITH TREE TRUNK.
- 11. INSTALL 3" DEEP ROCK MULCH AT ALL 18" MAINTENANCE STRIP LOCATIONS. SEE PLANS.
- 12. INSTALL DEEP DOUBLE SHREDDED HARDWOOD BARK MULCH RINGS AT SHRUB PLANTING AREAS WITH NO MULCH IN DIRECT CONTRACT WITH SHRUB STEMS.
- 13. INSTALL 4" DEEP DOUBLE SHREDDED HARDWOOD BARK MULCH IN PERENNIAL PLANTING BEDS. REMOVE ALL MULCH FROM STEMS OF PERENNIALS PLANT STEMS SHOULD NOT BE IN DIRECT CONTACT WITH MULCH.
- 14 ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW ENSURE HAT SIZE CONDITIONS AND COMMENTATION ARE DEBOTE IN ALCO FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE. UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITEOF PRIOR TO BEGINNING OF WORK. IT SHALL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN PLANTING AREAS.
- 15. WARRANTY NEW PLANT MATERIAL THROUGH TWO CALENDAR YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION. NO PARTIAL ACCEPTANCE WILL BE

LANDSCAPE REQUIREMENTS					
CITY CODE REQUIREMENT	REQUIRED	PROPOSED			
33.08.d.1: ONE OVERSTORY DECIDUOUS SHADE TREES FOR EVERY 2,000 SF OF TOTAL BUILDING FLOOR AREA OR ONE TREE FOR EVERY 100 FEET OF SITE PERIMETER, WHICHEVER IS GREATER.	BUILDING AREA: 16,225 SF 16,225/2,000 = 9 TREES SITE PERIMETER: 1,082 SF 1,082/100 = 11 TREES 11 SHADE TREES REQUIRED	11 SHADE TREES			
33.08.d.2: ONE CONIFEROUS TREE FOR EVERY 2,000 SF OF BUILDING AREA OF ONE CONIFEROUS TREE FOR EVERY 200 FEET OF SITE PERIMETER, WHICHEVER IS GREATER.	BUILDING AREA: 16,225 SF 16,225/2,000 = 9 TREES SITE PERIMETER: 1,082 SF 1,082/200 = 6 TREES 9 SHADE TREES REQUIRED	9 SHADE TREES			
33.08.d.3: ONE UNDERSTORY SHRUB FOR EVERY 300 SF OF BUILDING AREA OR ONE SHRUB FOR EVERY 30 FEET OF SITE PERIMETER, WHICHEVER IS GREATER.	BUILDING AREA: 16,225 SF 16,225/300 = 54 SHRUBS SITE PERIMETER: 1,082 SF 1,082/30 = 36 SHRUBS 54 SHRUBS REQUIRED	54 SHRUBS			
33.08.d.4: ONE ORNAMENTAL TREE FOR EVERY 2,000 SF OF BUILDING OR ONE ORNAMENTAL TREE FOR EVERY 200 FEET OF SITE PERIMETER, WHICHEVER IS GREATER.	BUILDING AREA: 16,225 SF 16,225/2,000 = 9 TREES SITE PERIMETER: 1,082 SF 1,082/00 = 6 TREES 9 ORNAMENTAL TREES REQUIRED	9 ORNAMENTAL TREES			

ANDCCADE DECLUDEMENTS

PLANT SCHEDU	_E				
DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL
СНВ	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B&B	2.5" CAL.
KYC	4	GYMNOCLADUS DIOICA 'ESPRESSO'	KENTUCKY COFFEETREE	B&B	2.5" CAL.
SWO	3	QUERCUS BICOLOR	SWAMP WHITE OAK	B & B	2.5" CAL.
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE
BHS	2	PICEA GLAUCA 'DENSATA'	BLACK HILLS SPRUCE	B&B	6' HT.
TMR	7	LARIX LARICINA	TAMARACK	B & B	6' HT.
			_		
ORNAMENTAL TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL
ABS	3	AMELANCHIER CANADENSIS 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	B & B	1.5" CAL.
AHH	6	OSTRYA VIRGINIANA	AMERICAN HOPHORNBEAM	B & B	1.5" CAL.
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING
CDW	8	CORNUS SERICEA 'CARDINAL'	'CARDINAL' DOGWOOD	#2 CONT.	PER PLAN
IBC	18	ARONIA MELANOCARPA 'MORTON'	IROQUIS BEAUTY BLACK CHOKEBERRY	#2 CONT.	PER PLAN
MJJ	16	JUNIPERUS CHINENSIS 'MONLEP'	MINT JULEP JUNIPER	#2 CONT.	PER PLAN
SAS	12	SORBARIA SORBIFOLIA 'SEM'	SEM ASH LEAF SPIREA	#2 CONT.	PER PLAN

LEGEND

SOD

MAINTENANCE EDGE - ROCK MULCH



MNDOT SEED MIX 33-261 FOR STORMWATER INFILTRATION AREAS



- NOT FOR CONSTRUCTION IE - HARBOR REIGHT EPARED FOR BLAINE -FRE PREPA **PRELIMINARY**

orn

SHEET NUMBER

DEVELOPMENT

L100

PLAN

LANDSCAPE

