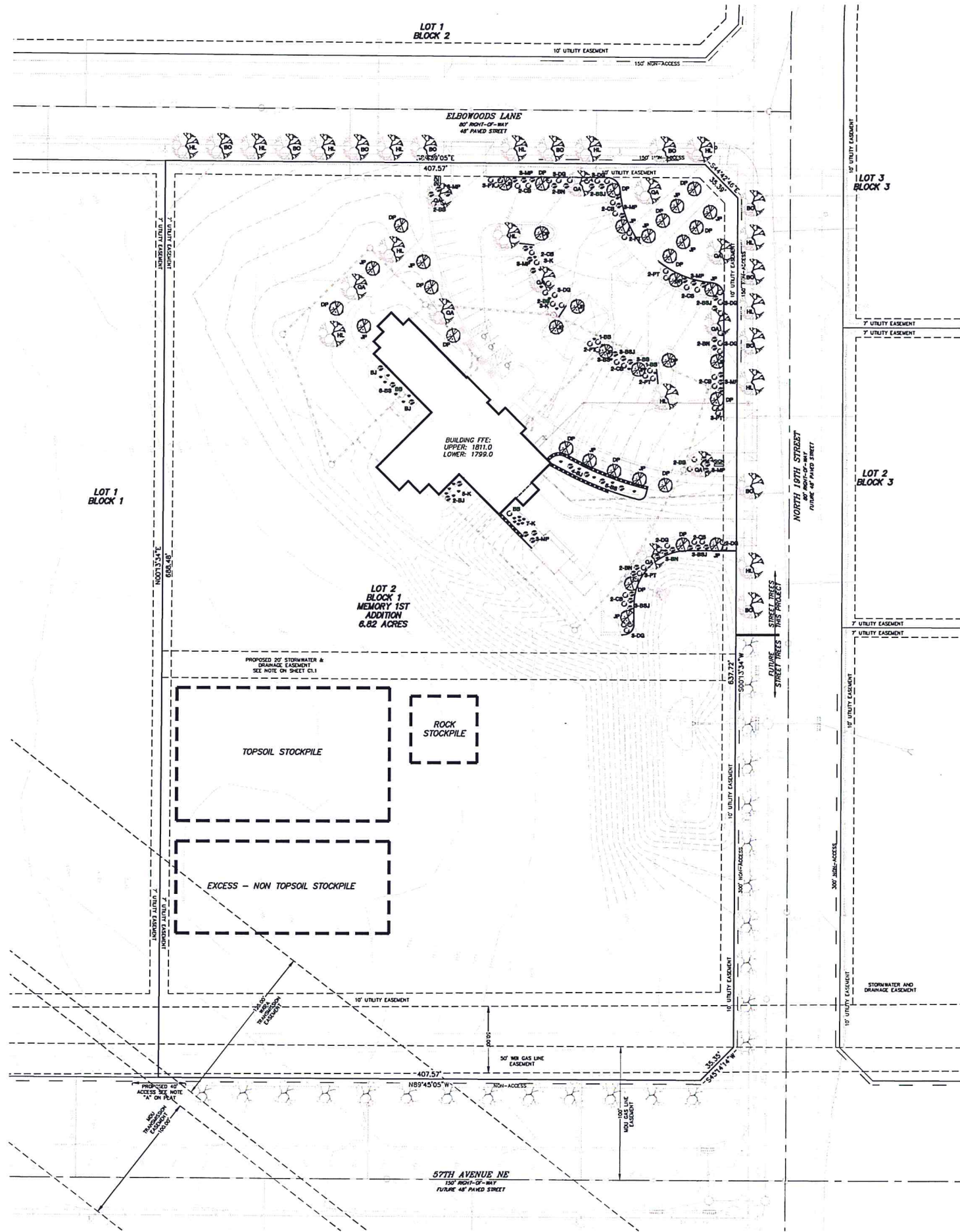


SP 2018-060



PLANT PALETTE REQUIRED LANDSCAPING PER CITY ORDINANCES

SYL	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY
BO	BUR OAK	Quercus macrocarpa	2" Col.	11
DP	DAKOTA PINNACLE BIRD	Betula platyphylla Torgo	1-1/2" Col.	8
HL	THORNLESS HONEY LOCUST	Gleditsia triacanthos	2" Col.	13
JP	JAPANESE TREE LILAC	Syringa reticulata 'Ivory Silk'	1-1/2" Col.	6
QA	QUAKING ASPEN	Populus tremuloides	1-1/2" Col.	5
BB	DWARF BURNING BUSH	Euonymus alatus 'Compactus'	2 Gallon	5
BN	BIRD'S NEST SPRUCE	Picea obovata 'Nidiformis'	2 Gallon	9
BSJ	BLUE STAR JUNIPER	Juniperus squamata 'Blue Star'	2 Gallon	13
CB	DWARF CRANBERRY BUSH	Viburnum trilobum 'Compactum'	2 Gallon	12
DC	DAKOTA GOLDCHEER SPIREA	Spiraea japonica 'Merjann'	2 Gallon	22
MP	MUGO PINE	Pinus mugo 'Mops'	2 Gallon	21
PT	POTENTILLA	Potentilla fruticosa	2 Gallon	15

REQUIRED LANDSCAPING PER CITY ORDINANCES

REQUIRED STREET TREES:
 3 PER 100 FEET
 433 LF ON ELBOWOODS LANE = 13 TREES
 637 LF ON 19TH STREET = 20 TREES
 407 LF ON 57TH AVENUE = 13 TREES

PROVIDED STREET TREES:
 7 HL & 6 BO ON ELBOWOODS LANE
 4 HL & 3 BO ON 19TH STREET
 SEE NOTE L2

REQUIRED PERIMETER PARKING:
 8 FEET WIDE W/ 1 TREE AND 5 SHRUBS PER 20 LF = 17 TREES AND 85 SHRUBS

PROVIDED PERIMETER PARKING:
 10 FOOT WIDTH, 5 DA, 6 JP, 4 BB, 9 BN, 10 BSJ, 12 CB, 19 DC, 18 MP, & 13 PT

REQUIRED INTERIOR LANDSCAPING:
 10 SF PER PARKING STALL = 810 SF
 1 TREE AND 3 SHRUBS PER 20 STALLS = 3 TREES AND 12 SHRUBS

PROVIDED INTERIOR LANDSCAPING:
 2840 SF; 2 HL, 2 DP, 1 BB, 3 BSJ, 3 DC, 3 MP, & 2 PT

REQUIRED LANDSCAPE BUFFER YARD:
 NO LANDSCAPE BUFFER YARD IS REQUIRED

PROVIDED LANDSCAPE BUFFER YARD:
 LANDSCAPE BUFFER YARD IS NOT PROVIDED

PLANT PALETTE BEAUTIFICATION LANDSCAPING

SYL	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY
DP	DAKOTA PINNACLE BIRD	Betula platyphylla Torgo	1-1/2" Col.	11
HL	THORNLESS HONEY LOCUST	Gleditsia triacanthos	2" Col.	2
JP	JAPANESE TREE LILAC	Syringa reticulata 'Ivory Silk'	1-1/2" Col.	13
QA	QUAKING ASPEN	Populus tremuloides	1-1/2" Col.	5
BB	DWARF BURNING BUSH	Euonymus alatus 'Compactus'	2 Gallon	5
BJ	BUFFALO JUNIPER	Juniperus sibirica 'Buffalo'	2 Gallon	8
CB	DWARF CRANBERRY BUSH	Viburnum trilobum 'Compactum'	2 Gallon	4
MP	MUGO PINE	Pinus mugo 'Mops'	2 Gallon	3
PT	POTENTILLA	Potentilla fruticosa	2 Gallon	2
BS	BIG BLUE STEM	Andropogon gerardii	1 Gallon	17
K	KARL FOERSTER GRASS	Calamagrostis x acutiflora	1 Gallon	18

LEGEND

- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- EXISTING STORM SEWER
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND GAS
- EXISTING UNDERGROUND COMMUNICATION
- EXISTING OVERHEAD POWER
- EXISTING UTILITY RISER-VAULT
- EXISTING LIGHT-POWER POLE
- EXISTING SIGN
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN
- PROPOSED STORM SEWER
- PROPOSED FENCE
- PROPOSED VALVE
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED RETAINING WALL
- PROPOSED CONTOUR

WARRANTY / DISCLAIMER

The designs represented in these plans are in accordance with established practices of civil engineering. However, neither Swenson, Hagen & Co. nor its personnel can or do warrant that these plans or construction methods in the vicinity comply with all applicable laws, codes, ordinances, and regulations. Swenson, Hagen & Co. personnel inspect and control the physical construction on a full time basis.

SAFETY NOTICE TO CONTRACTOR

In accordance with generally accepted construction practices the contractor will be solely and completely responsible for the safety of the job site including safety of all persons and property during performance of the work. This requirement will apply continuously and will be limited to normal business hours.

NOTICE TO CONTRACTOR

The location of existing underground utilities are shown in an approximate manner and have not been independently verified by the owner or its representatives. The contractor shall determine the exact location of all existing utilities before commencing work, and agree to be fully responsible for any and all damage which might be incurred by the Contractor's failure to locate and protect any and all underground utilities.

APPROVED BY PLANNING

Wm. H. Hilday
 Planner
 TITLE
 8-2-2018
 DATE

APPROVED BY FORESTRY

M. D. D.
 LANDSCAPE
 TITLE
 8-2-2018
 DATE

LANDSCAPE NOTES

- L1. CONTRACTOR IS REQUIRED TO LOCATE UTILITIES BEFORE DIGGING.
- L2. CONTRACTOR SHALL INSTALL ALL REQUIRED PLANT MATERIAL TO MEET CITY OF BISMARCK ORDINANCES. ALTERATIONS TO BEAUTIFICATION LANDSCAPE MATERIAL MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
 STREET TREES SHALL BE INSTALLED UP TO WHERE SIDEWALK IS TO BE INSTALLED WITH THIS PROJECT. FUTURE SIDEWALK AND STREET TREES SHOWN WITHIN THE 19TH STREET AND 57TH AVENUE RIGHT OF WAY ARE FOR CITY OF BISMARCK PERMITTING PROCESS ONLY. FUTURE SIDEWALK AND STREET TREES ARE NOT WITHIN THE PROJECT SCOPE AND WILL BE INSTALLED AT THE TIME THE SOUTHERN HALF OF LOT 2 BLOCK 1 IS DEVELOPED.
- L3. LANDSCAPE BEDS SHALL BE INSTALLED WITH PLUS OR MINUS 3/4 INCH CRUSHED ROCK TO A DEPTH OF 4 INCHES. PLANTING BEDS SHALL ALSO INCLUDE LANDSCAPE FABRIC MANUFACTURED SPECIFICALLY FOR PLANTING BED UNDERLAYMENT. SEPARATION FROM GRASS AREAS SHALL BE WITH A 6 INCH WIDE CONCRETE LANDSCAPING EDGE EITHER SLANT STYLE OR WOWER STYLE. SEE SHEET C1.7 FOR LOCATION OF LANDSCAPE BEDS.
- L4. WHERE SEED OR SOO AREAS ARE LOCATED ADJACENT TO THE BUILDING INSTALL AN 18" WIDE CONCRETE MOW STRIP ALONG THE BUILDING PER DETAIL SHEET C1.8.
- L4. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO CARE FOR ALL PLANT MATERIAL UNTIL DATE OF FINAL INSPECTION AND APPROVAL. IT IS IN THE BEST INTEREST OF THE LANDSCAPE CONTRACTOR TO ENSURE ALL PLANTS ARE PROPERLY WATERED AND CARED FOR DURING THIS TIME. DEAD OR DYING PLANT MATERIAL WILL NOT BE ACCEPTED.
- L5. SOLITARY TREES SHALL NOT BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND A TREE IN A MULTIPLE RING TO CONFORM TO THE DETAIL PROVIDED FOR TREE PLANTING ON SHEET C1.8.
- L6. CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFORMING TO THE FOLLOWING:
 A) FURNISH SHRUBS GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS AND HEALTHY FOR 90 DAYS.
 B) TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS AND HEALTHY FOR ONE YEAR FROM DATE LANDSCAPE IS ACCEPTED AS COMPLETE.
- L7. IF AVAILABLE FROM ROCK REMOVAL FOR THIS SITE, ARCHITECT MAY SELECT 6 LARGE BOULDERS TO BE PLACED IN LANDSCAPE BEDS AS DIRECTED BY ARCHITECT.
- L8. BOULDER RETAINING WALLS ARE TO BE CONSTRUCTED AT THE SOUTHEAST AND SOUTHWEST CORNER OF THE BUILDING. SEE SHEET C1.4 FOR GRADES AT TOP AND BOTTOM OF BOULDER RETAINING WALLS. BOULDER RETAINING WALLS SHALL BE CONSTRUCTED PER DETAIL ON SHEET C1.8. BOULDER ARE AVAILABLE ON LOT 2 BLOCK 2 MEMORY FIRST ADDITION NORTH ON THE WEST SIDE OF 19TH STREET AND NORTH OF ELBOWOODS LANE. ADDITIONAL BOULDERS MAY BE AVAILABLE IN THE ROCK STOCKPILE FROM THE ON SITE EARTHWORK. HEIGHT OF ANY ONE BOULDER RETAINING WALL SHALL NOT EXCEED FIVE FEET.

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Owner:

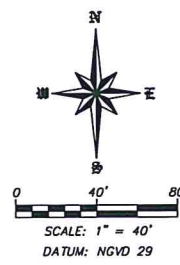
 Three Affiliated Tribes of North Dakota
 404 Frontage Road
 New Town, ND 58763

PERMIT SET
 JULY 30, 2018
 Project:
 TAT - MHA NATION
 SATELLITE
 OUTREACH FACILITY
 BISMARCK, ND 58503

Revisions:

No.	Date	Description

Sheet Title:
LANDSCAPE PLAN
 Sheet Number:
C1.6



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