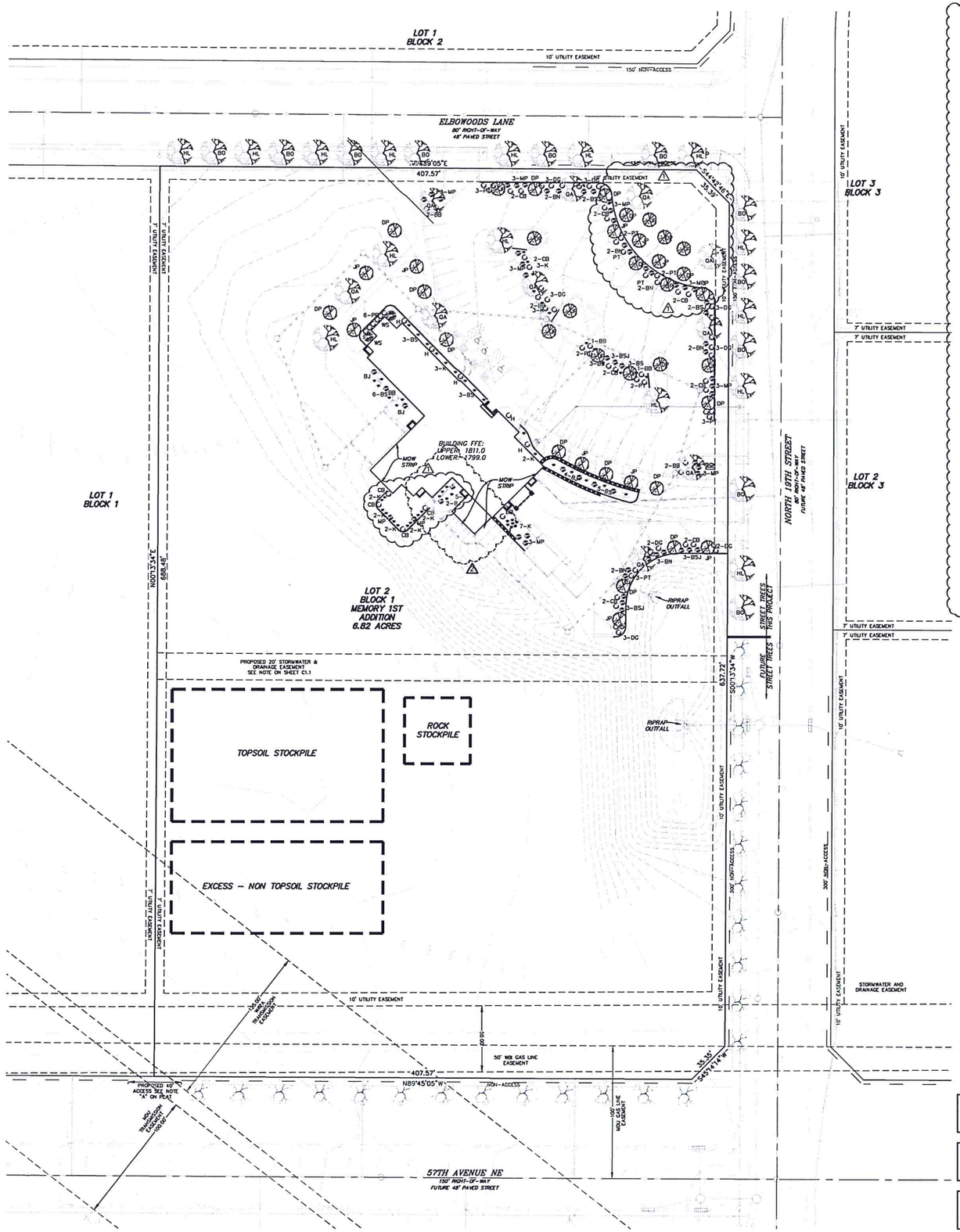
SP2019-0116



PLANT PALETTE REQUIRED LANDSCAPING PER CITY ORDINANCES

	SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
TREES	BO	BUR OAK	Quercus marcocarpa	2" Cal.	11
	DP	DAKOTA PINNACLE BIRCH	Betula platyphylla 'Fargo	1-1/2" Cal.	9
	HL	THORNLESS HONEY LOCUST	Gleditsia triacanthos	2" Cal.	13
	JP	JAPANESE TREE LILAC	Syringa reticulata 'Ivory Silk'	1-1/2" Cal.	6
	OA	QUAKING ASPEN	Populus tremuloides	1-1/2" Cal.	6
SHRUBS	BB	DWARF BURNING BUSH	Euonymus alatus 'Compactus'	2 Gallon	5
	BN	BIRD'S NEST SPRUCE	Picea abies 'Nidiformis'	2 Gallon	13
	BSJ	BLUE STAR JUNIPER	Juniperus squamata 'Blue Star'	2 Gallon	13
	CB	DWARF CRANBERRY BUSH	Vburnum trilobum 'Compactum'	2 Gallon	12
	DG	DAKOTA GOLDCHARM SPIREA	Spiraea japonica 'Mertyann'	2 Gallon	22
	MP	MUGO PINE	Pinus mugo 'Mops'	2 Gallon	21
	PT	POTENTILLA	Potentilla fruticosa	2 Gallon	17

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 57 TH AVENUE = 13 TREES

PROVIDED STREET TREES:
7 HL & 6 BO ON ELBOWOODS LANE
4 HL & 5 BO ON 19TH STREET
SEE NOTE L2

REQUIRED PERIMETER PARKING:
6 FEET WIDE W/ 1 TREE AND
5 SHRUBS PER 25 LF =
17 TREES AND 85 SHRUBS

PROVIDED PERIMETER PARKING:
10 FOOT WIDTH, 5 OA, 6 JP, 7 DP, 4 BB,
13 BN, 10 BSJ, 12 CB, 19 DG, 18 MP, &
15 PT

REQUIRED INTERIOR LANDSCAPING:
10 SF PER PARKING STALL = 610 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 DG,
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

	SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
TREES	DP	DAKOTA PINNACLE BIRCH	Betula platyphylla 'Fargo	1-1/2" Cal.	10
	HL	THORNLESS HONEY LOCUST	Gleditsia triacanthos	2" Cal.	2
	JP	JAPANESE TREE LILAC	Syringa reticulata 'Ivory Silk'	1-1/2" Cal.	13
	OA	QUAKING ASPEN	Populus tremuloides	1-1/2" Cal.	5
	WS	WEEPING WHITE SPRUCE	Picea glauca 'Pendula'	4'+	2
SHRUBS	BB	DWARF BURNING BUSH	Euonymus alatus 'Compactus'	2 Gallon	5
	BJ	BUFFALO JUNIPER	Juniperus sabina 'Buffalo'	2 Gallon	8
	CB	DWARF CRANBERRY BUSH	Vburnum trilobum 'Compactum'	2 Gallon	8
	H	LITTLE LIME HYDRANGEA	Hydrangea paniculata	2 Gallon	5
	MP	MUGO PINE	Pinus mugo 'Mops'	2 Gallon	5
	PB	CRIMSON PYGMY BARBERRY	Berberis thunbergii "Crimson Pygmy'	2 Gallon	6
	PT	POTENTILLA	Potentilla fruticosa	2 Gallon	2
MISC.	BS	BIG BLUE STEM	Andropogon gerardii	1 Gallon	23
	K	KARL FOERSTER GRASS	Calamagrostis x acutiflora	1 Gallon	33

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 MOWER STYLE. SEE SHEET C1.7 FOR LOCATION OF LANDSCAPE BEDS.

L4. WHERE SEED OR SOD AREAS ARE LOCATED ADJACENT TO THE BUILDING INSTALL AN 18" WIDE CONCRETE MOW STRIP ALONG THE BUILDING PER DETAIL SHEET C1.8..

L5. 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.

L6. SOLITARY TREES SHALL NOT BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND A TREE IN A MUTTLE RING TO CONFORM TO THE DETAIL PROVIDED FOR TREE PLANTING ON SHEET C1.8.

L7. CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFORMING TO THE FOLLOWING:

A) FURNISH SHRUBS GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS AND HEALTHY FOR 90 DAYS MINIMUM FROM DATE LANDSCAPE IS ACCEPTED AS COMPLETE.

B) TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS AND HEALTHY FOR ONE YEAR FROM DATE LANDSCAPE IS ACCEPTED AS COMPLETE.

L8. CONTRACTOR SHALL INSTALL 50 BOULDERS WHERE DIRECTED AT TIME OF INSTALLATION BY OWNER'S REPRESENTATIVE. BOULDERS TO BE SELECTED AND PROVIDED BY OWNER EITHER ON-SITE OR OFF OF LOT 2 BLOCK 2. (DRUG TREATMENT SITE)

L9. 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 OF 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.

L10. CONTRACTOR TO SUPPLY AND INSTALL 30 TON OF LANDSCAPE ROCK (6" DIAMETER PLUS OR MINUS 2") IN ADDITION TO THE 3/4 INCH CRUSHED ROCK WITHIN LANDSCAPE BEDS.

L11. INSTALL RIP RAP OUTFALL PER DETAIL ON SHEET C1.8 AT EACH FLARED END SECTION ON LOT 2 BLOCK 1.

APPROVED BY PLANNING
PLANNER 4-4-19
TITLE DATE

APPROVED BY FORESTRY
LANDSCAPE 4-4-19
TITLE DATE

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
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SAFETY NOTICE TO CONTRACTOR
In accordance with generally accepted construction practices the contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal business hours.

NOTICE TO CONTRACTOR
The location of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representatives. The Contractor shall determine the exact location of existing utilities before commencing work, and agrees to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to exactly locate and preserve any and all underground utilities.

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CALL BEFORE YOU DIG
NORTH DAKOTA
UTILITIES UNDERGROUND LOCATION SERVICE
1-800-795-0555

SCALE: 1" = 40'
DATUM: NGVD 29

SWENSON, HAGEN & COMPANY P.C.
Surveying
Hydrology
Land Planning
Civil Engineering
Landscape & Site Design
Construction Management
909 Basin Avenue
Bismarck, North Dakota 58504
shcg@swensonhagen.com
Phone (701) 223-2690
Fax (701) 223-2696

Nelson · Tremain Partnership
ARCHITECTURE AND DESIGN
125 Southeast Main Street, Suite 245
Minneapolis, Minnesota 55414
Ph: 612-331-7178
Website: www.ntp.cc

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Certification:

Owner:

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

CONSTRUCTION
DOCUMENTS
BID PACK #1
CONFORMED SET
SEPTEMBER 20, 2018

Project:

TAT - MHA NATION

SATELLITE
OUTREACH FACILITY

BISMARCK, ND 58503

Revisions:

No.	Date	Description
1	11-7-18	ASI-002
2	3-8-19	ASI-017

Sheet Title:

LANDSCAPE
PLAN

Sheet Number:

C1.6