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FILE LOCATION: R:\Projects\22000\22400\22479\CIVIL\PRODUCTION\22479 SITE.dwg

APPROVED BY PLANNING

TITLE: Planner
DATE: 08/04/2022

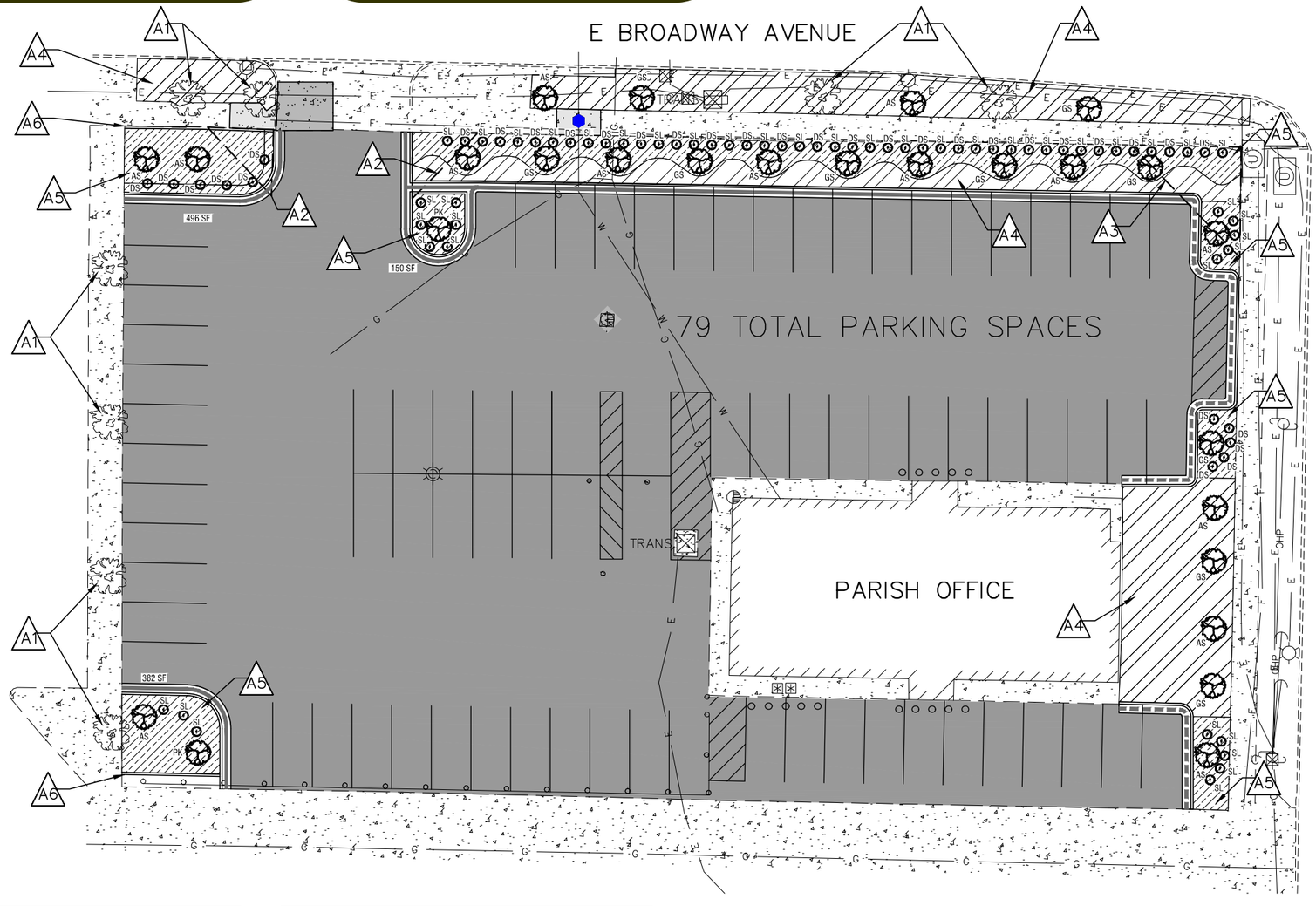
Bismarck

APPROVED BY FORESTRY

TITLE: Landscape Arborist
DATE: 08/04/2022

Bismarck

SP2022-048



N
W E
S
0 30
Scale in Feet

REGISTERED PROFESSIONAL ENGINEER
ANDREW J. TUCK
PE-27428
DATE 7/28/2022
NORTH DAKOTA

moore engineering, inc.

BENCHMARK LIST

VERTICAL DATUM: NAVD88
HORIZONTAL DATUM: NORTH DAKOTA STATE PLANE – SOUTH

NO.	DESCRIPTION	LOCATION	ELEV.
1	MONUMENT, PIPE	SW CORNER OF LOT A, BLOCK 40	1676.59
2	MAGNETIC NAIL	SW CORNER OF LOT A, BLOCK 40	1676.22
3	HUB NAIL	NE CORNER OF LOT A, BLOCK 40	1678.26

LANDSCAPE NOTATIONS

- A1 EXISTING TREE TO REMAIN.
- A2 15'x15' SIGHT TRIANGLE
- A3 25'x25' SIGHT TRIANGLE
- A4 IRRIGATED TURF
- A5 IRRIGATED ROCK MULCH
- A6 LANDSCAPE CURB (SEE DETAIL)

LANDSCAPING REQUIREMENTS

STREET TREES
THREE (3) DECIDUOUS TREES ARE REQUIRED FOR EVERY ONE HUNDRED (100) LINEAR FEET OF STREET FRONTAGE

REQUIRED:
BROADWAY (250 LF) 8
N 9TH STREET (150 LF) 4

PROVIDED:
BROADWAY 4 NEW (4 EXISTING)
N 9TH STREET 4 TREES PLACED WITHIN 10 FEET OF THE PUBLIC ROW DUE TO OVERHEAD POWER WITH ELECTRICAL UNITS/POLES WITHIN BOULEVARD ALONG WITH SIGHT TRIANGLES THAT LIMIT AREAS FOR STREET TREE PLANTING.

PERIMETER PARKING LOT LANDSCAPING
PERIMETER PARKING LOT LANDSCAPING SHALL BE REQUIRED WITH THE INSTALLATION OR RECONSTRUCTION (AS DEFINED IN SUBSECTION 2 (D)) OF ANY OFF-STREET PARKING AREA OR ACCESS LANE ADJACENT TO THE PUBLIC RIGHT OF WAY AND/OR VISIBLE FROM AND WITHIN THREE HUNDRED (300) FEET OF A PUBLIC RIGHT OF WAY.

PARKING LOT: 79 TOTAL PARKING SPACES

REQUIRED:
A MINIMUM LANDSCAPE WIDTH OF 4 FEET, OR MASONRY WALL, DECORATIVE FENCING OR CONTINUOUS EVERGREEN OR DECIDUOUS HEDGE WITH A MINIMUM HEIGHT OF 3 FEET. A MINIMUM LANDSCAPE WIDTH OF 6 FEET WITH 1 SHADE OR ORNAMENTAL TREE AND 5 SHRUBS FOR EVERY 25 LINEAR FEET OF STREET FRONTAGE.

BROADWAY 222 LF, 9 SHADE TREES AND 45 SHRUBS REQUIRED
N 9TH STREET 72 LF, 3 SHADE TREES AND 15 SHRUBS REQUIRED

PROVIDED:
PROVIDED: BROADWAY 10 SHADE TREES AND 45 SHRUBS
N 9TH STREET 3 SHAD TREES AND 15 SHRUBS

INTERIOR PARKING LOT LANDSCAPING
NEW PARKING LOT IS OVER 50 STALLS
A MINIMUM OF 1 SHADE TREE AND 3 SHRUBS PER 20 PARKING SPACES.

PARKING LOT: 79 TOTAL PARKING SPOTS

REQUIRED:
4 SHADE TREES
12 SHRUBS

PROVIDED:
5 SHADE TREES
15 SHRUBS

PLANTING INFORMATION

	PLANT NAME	SYMBOL	TOTAL
DECIDUOUS TREE	SHADEMASTER HONEYLOCUST	GS	10
	PRINCESS KAY PLUM	PK	2
	AMERICAN SENTRY LINDEN	AS	14
	LARGE DECIDUOUS SUBTOTAL		26

PLANTING INFORMATION

	PLANT NAME	SYMBOL	TOTAL
SHRUB (MIN 2 GAL CONTAINER)	DAKOTA SUNSPOT POTENTILLA	DS	33
	LITTLE PRINCESS SPIREA	SL	42
	SHRUB SUBTOTAL		75

GENERAL NOTES:
1. REMOVE ALL EXISTING LANDSCAPING WHERE REPLACEMENT OF IRRIGATED TURF IS PLANNED.
2. TURF AREAS MAY HAVE EXISTING SPRINKLER SYSTEMS INSTALLED - EXISTING SYSTEMS TO BE REMOVED.
3. SPRINKLER CONTRACTOR TO COORDINATE WITH HOOKUP AND INSTALLATION WITH ST. MARY'S PARISH OFFICE.
4. IRRIGATED ROCK MULCH TO BE SAME AS ELEMENTARY SCHOOL SOUTH PARKING LOT.

SITE PLANS
PRO CATHEDRAL OF ST. MARY
SITE DESIGN
BISMARCK, NORTH DAKOTA
LANDSCAPING PLAN

DATE:	---
REVISED:	---
REVISED:	---
REVISED:	---
REVISED:	---
REVISED:	---
RECORD:	---
PROJECT No.	22479
MANAGER:	AJT
DESIGNER:	MPG
DRAFTER:	JJB
REVIEWER:	---

C-606