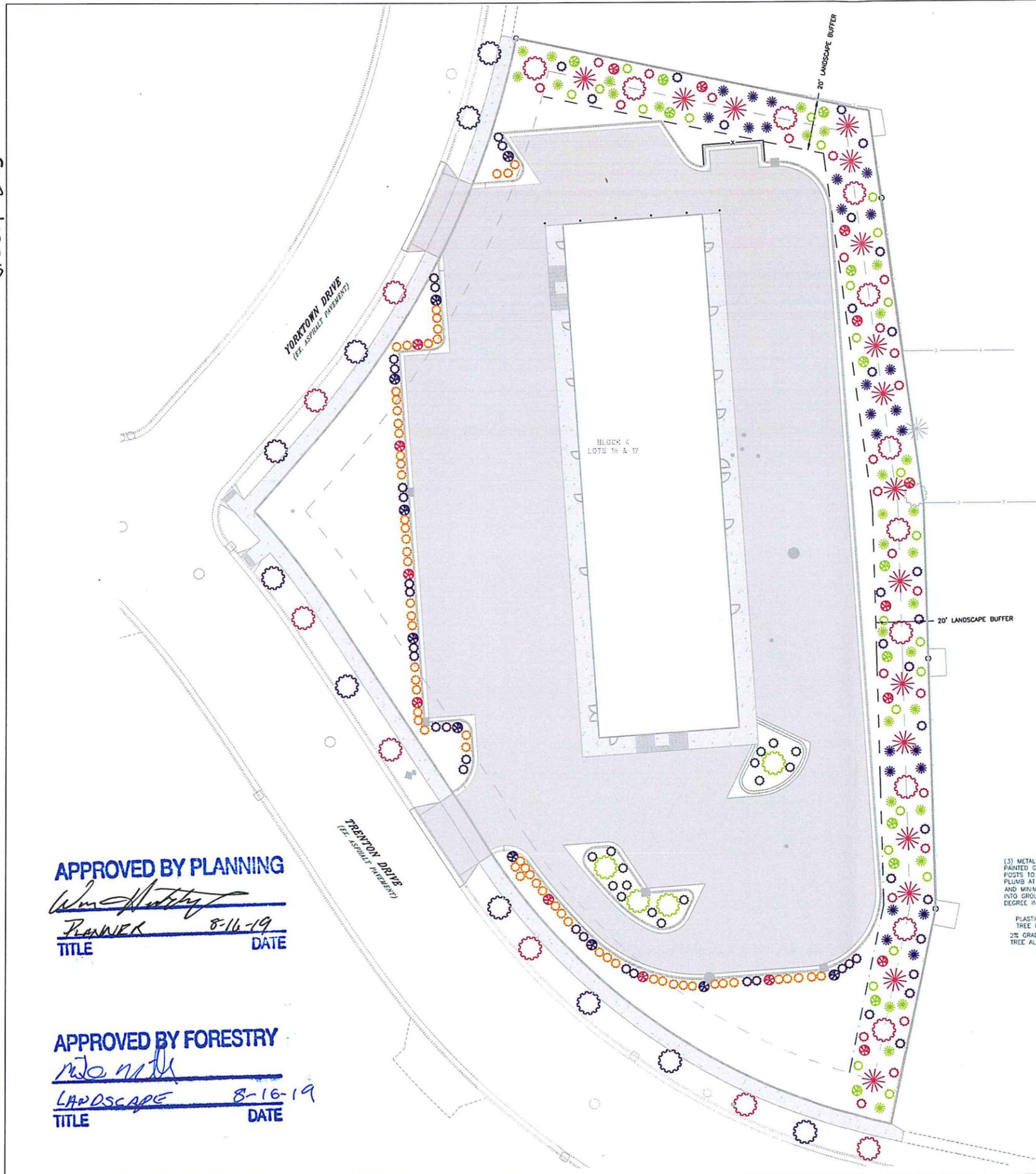


SP2019-043



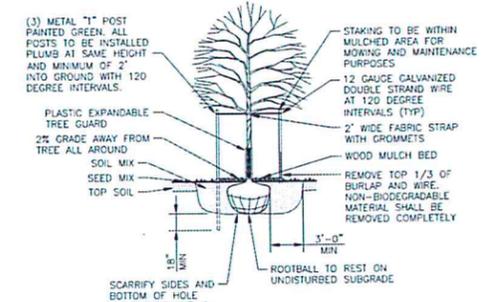
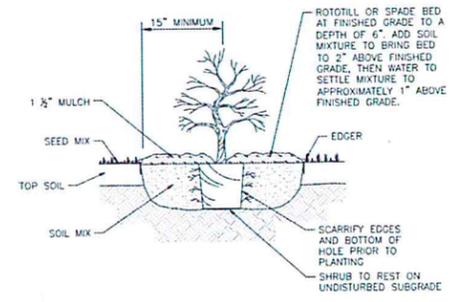
LANDSCAPING REQUIREMENTS		
INTERIOR PARKING LOT LANDSCAPING		
SPECIFICATION:	REQUIRED:	PROVIDED:
1. 10 SF OF LANDSCAPING PER PARKING STALL	1. 93 STALLS * 10 = 930 SF OF LANDSCAPING	940 SF OF INTERIOR PARKING LOT LANDSCAPING
2. 1 SHADE TREE + 3 SHRUBS PER 20 PARKING STALLS	2. 93/20 = 4.65 = 4 SHADE TREES & 15 SHRUBS	4 SHADE TREES 15 SHRUBS
PERIMETER PARKING LOT LANDSCAPING		
SPECIFICATION:	REQUIRED:	PROVIDED:
1 SHADE/ORNAMENTAL TREE AND 5 SHRUBS PER 25 LF OF FRONTAGE	425' OF ROAD FRONTAGE 425/25=17 ORNAMENTAL TREES 17*5 = 85 SHRUBS	17 ORNAMENTAL TREES 85 SHRUBS
STREET TREES		
SPECIFICATION:	REQUIRED:	PROVIDED:
3 DECIDUOUS TREES PER 100 LF OF FRONTAGE	568 LF / 100 = 5.68 x 3 = 17 DECIDUOUS TREES	17 DECIDUOUS/SHADE TREES
BUFFER YARD LANDSCAPING		
SPECIFICATION:	REQUIRED:	PROVIDED:
20 FT OF BUFFER SPACE PLUS 2 SHADE TREES, 3 LARGE CONIFEROUS TREES, 4 ORNAMENTAL TREES, 10 SMALL CONIFEROUS TREES, & 14 SHRUBS PER 100 LF	537 FT / 100 = 5.37 5.37*2 = 11 SHADE TREES 5.37*3 = 16 LG CONIFEROUS TREES 5.37*4 = 21 ORNAMENTAL TREES 5.37*10 = 54 SM CONIFEROUS TREES 5.37*14 = 75 SHRUBS	11 SHADE TREES 16 LG CONIFEROUS TREES 21 ORNAMENTAL TREES 54 SM CONIFEROUS TREES 75 SHRUBS

LANDSCAPING LEGEND			
NAME	SYMBOL	QUANTITY	UNIT
DECIDUOUS/SHADE TREE		32	EA
ORNAMENTAL TREE		38	EA
LARGE CONIFEROUS TREE		16	EA
SMALL CONIFEROUS TREE		54	EA
SHRUB		175	EA

LANDSCAPING SCHEDULE				
COMMON NAME	SCIENTIFIC NAME	SYMBOL	QUANTITY	REQUIREMENT SATISFIED
MORTON JAPANESE ELM	ULMUS DAVIDIANA VAR. JAPONICA 'MORTON'		18	7 STREET TREES 11 BUFFER YARD TREES
IRONWOOD	OSTRYA VIRGINIANA		4	4 INTERIOR PARKING TREES
LITTLELEAF LINDEN	TILIA CORDATA		10	10 STREET TREES
AMUR CHOKECHERRY	PRUNUS MAACKII		16	7 PERIMETER PARKING TREES 9 BUFFER YARD TREES
PEKIN LILAC	SYRINGA PEKINENSIS		12	12 BUFFER YARD TREES
SNOWBIRD HAWTHORN	CRATAEGUS MORDENENSIS		10	10 PERIMETER PARKING TREES
SCOTCH PINE	PINUS SYLVESTRIS		16	16 BUFFER YARD TREES
AMERICAN ARBORVITAE	THUJA OCCIDENTALIS		30	30 BUFFER YARD TREES
DWARF MUGO PINE	PINUS MUGO		24	24 BUFFER YARD TREES
RUSSIAN ALMOND	PRUNUS TENELLA		50	25 PERIMETER PARKING SHRUBS 25 BUFFER YARD SHRUBS
POTENTILLA	POTENTILLA FRUTICOSA		60	60 PERIMETER PARKING SHRUBS
GOLDEN CURRIANT	RIBES ODORATUM		25	25 BUFFER YARD SHRUBS
HANSEN HEDGE ROSE	ROSA HANSEN		25	25 BUFFER YARD SHRUBS
VANHOUTE SPIREA	RSPRAEA x VANHOUTEI		15	15 INTERIOR PARKING SHRUBS

- LANDSCAPING NOTES:**
- ALL LANDSCAPING SHALL BE DONE IN ACCORDANCE WITH CITY OF BISMARCK LANDSCAPING STANDARDS.
 - AT THE TIME OF PLANTING, SHRUBS SHALL BE 24" MIN. ABOVE GRADE OR MIN. OF 2 GAL. CONTAINERSIZE.
 - AT THE TIME OF PLANTING, SHADE/DECIDUOUS TREES SHALL HAVE A MIN. OF 1.5" CALIPER TRUNK MEASURED 6" ABOVE ROOT COLLAR.
 - AT THE TIME OF PLANTING, ORNAMENTAL TREES SHALL HAVE A MIN. OF 1" CALIPER TRUNK MEASURED 6" ABOVE THE ROOT COLLAR.
 - AT THE TIME OF PLANTING, LARGE CONIFEROUS TREES SHALL HAVE A MIN. HEIGHT OF 4' ABOVE GRADE.
 - AT THE TIME OF PLANTING, SMALL CONIFEROUS TREES SHALL HAVE A MIN. HEIGHT OF 2' ABOVE GRADE OR MIN. CONTAINER SIZE OF 5 GALLONS.
 - ALL PLANTING AREAS AROUND BUILDING WILL BE FINISHED WITH EDGING AND DECORATIVE AGGREGATE ON LANDSCAPE FABRIC.
 - UNDERGROUND IRRIGATION PER FRANCHISE REQUIREMENTS (IF REQUIRED)
 - ALL TREES SHALL HAVE A MINIMUM 3' RADIUS MULCH RINGS INSTALLED AT THE TIME OF PLANTING.
 - CONTRACTOR SHALL PROVIDE A 1 YEAR WARRANTY ON ALL LANDSCAPE MATERIAL TO INCLUDE WORKMANSHIP FOR INSTALLATION FROM DATE OF FINAL ACCEPTANCE.
 - CONTRACTOR TO COORDINATE WITH MECHANICAL REGARDING LANDSCAPING IN AND AROUND AIR INTAKE OR EXHAUST UNITS.
 - CONTRACTOR TO ALLOW 5' CLEARANCE FROM UNDERGROUND UTILITY PIPING TO PLANTINGS.
 - ALL OTHER PLANTING / LANDSCAPE REQUIREMENTS PER FRANCHISE REQUIREMENTS
 - LANDSCAPE CONTRACTOR TO COORDINATE FINAL LOCATION OF GREASE TRAP WITH PLUMBING CONTRACTOR AND PROVIDE APPROPRIATE SCREENING.

- LANDSCAPE REQUIREMENTS AND LEGEND ALTERED
- LANDSCAPE SCHEDULE AND NOTES ADDED
- 2 TREES SPECIES CHANGED AND LOCATION OF TREES REMOVED
- 1 INTERIOR LANDSCAPING TREE REMOVED



- 1 CANOPY TREE PLANTING**
N.T.S.
- 2 SHRUB PLANTING**
N.T.S.



APPROVED BY PLANNING
Wm. H. [Signature]
PLANNER
TITLE
8-16-19
DATE

APPROVED BY FORESTRY
W.D. [Signature]
LANDSCAPE
TITLE
8-16-19
DATE

GH A
Architecture / Development
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Dallas Texas 75254
Ph: (972) 239-8884
Fax: (972) 239-5054

REGISTERED PROFESSIONAL ARCHITECT
ANDREW GULL
PE-9148
exp. 8/9/19
NORTH DAKOTA

OLD CHICAGO CENTRE
3940 TRENTON DRIVE
BISMARCK, ND 58503

SHELL BUILDING

DO NOT SCALE DRAWINGS
CONTRACTOR TO VERIFY
ALL EXISTING CONDITIONS AND
DIMENSIONS. NOTIFY ARCHITECT
OF ANY DISCREPANCIES PRIOR
TO BEGINNING CONSTRUCTION

NO REVISION

REVISIONS PER CITY/OWNER - 7/29

REVISIONS PER CITY - 8/8

PROJECT NUMBER
190471

SHEET NUMBER

C-7

ORIGINAL ISSUE DATE - 07.01.19