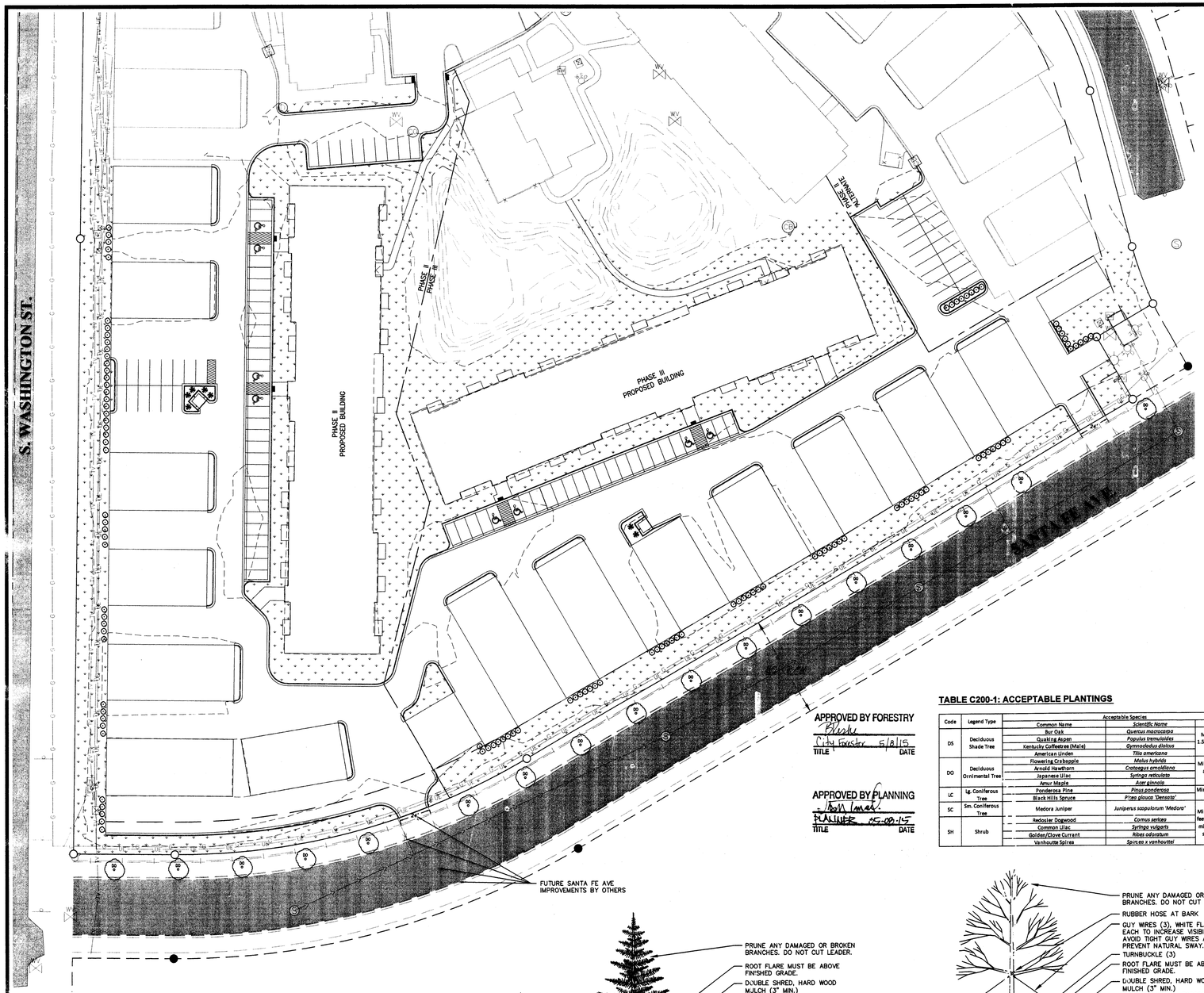



APPROVED BY FORESTRY
City Forester 5/8/15
TITLE DATE

APPROVED BY PLANNING
PLANNER 05-08-15
TITLE DATE

LANDSCAPING LEGEND

- SHRUB (SH) – INSTALLATION DETAIL 1/C600
- SMALL CONIFEROUS TREE (SC) – INSTALLATION DETAIL 2/C600
- DECIDUOUS ORNIMENTAL TREE (DO) – INSTALLATION DETAIL 3/C600
- 6IN TOPSOIL & SEEDING CITY OF BISMARCK CLASS II MIX (SUNNY)

N

0 20 40
GRAPHIC SCALE IN FEET

GENERAL LEGEND

- 1880 EXISTING CONTOURS
- EXISTING BITUMINOUS PAVEMENT
- EXISTING GRAVEL ROAD
- EXISTING CURB AND GUTTER
- EXISTING CONCRETE
- X X EXISTING FENCE
- G G EXISTING GAS LINE
- EXISTING SANITARY SEWER
- EXISTING CULVERT
- I I EXISTING WATERMAIN
- UE UE EXISTING UNDERGROUND ELECTRIC
- TV TV EXISTING UNDERGROUND TELEVISION
- BENCHMARK
- FOUND IRON MONUMENT
- CALCULATED IRON MONUMENT
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY CLEANOUT
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING WATER SERVICE SHUTOFF
- EXISTING HYDRANT
- WV EXISTING WATER VALVE
- EM EXISTING ELECTRIC METER
- EXISTING TRANSFORMER
- EXISTING TRAFFIC SIGN
- TV EXISTING TELEPHONE BOX

## GENERAL NOTES

1.) THE CONTRACTOR IS RESPONSIBLE FOR VERIFY ALL UTILITY LOCATIONS. UTILITY LOCATIONS SHOWN ARE APPROXIMATE. WENCK ASSOCIATES, INC. DOES NOT GUARANTEE THE EXACT LOCATIONS OF THE UTILITIES.

2.) ALL ELEVATIONS GIVEN ARE IN NAVD88 DATUM.

## LANDSCAPING NOTES

1.) CONTRACTOR SHALL PROVIDE ONE YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE ENGINEER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT MATERIALS SHALL ALSO HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.

2.) ALL PLANTS TO BE NORTHERN–GROWN AND HARDY.

3.) PLANTS TO BE INTALLED PER STANDARD AAN PLANTING PRACTICES.

4.) USE MINIMUM 6" LOAM PLANTING SOIL ON SHRUBS.

5.) CONTRACTOR SHALL VERIFY LOCATIONS WITH ALL UTILITIES PRIOR TO INSTALLATION OF PLANTS.

6.) PRUNE PLANTS AS NECESSARY – PER STANDARD NURSERY PRACTICE.

7.) OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE ONLY AFTER ACCEPTANCE OF THE WORK BY THE OWNER.

8.) PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. TEMPORARILY HEEL–IN MATERIALS IF NECESSARY.

9.) PLANTING BEDS FOR SHRUBS SHALL HAVE (4 OZ. MIN.) WEED BARRIER FABRIC, 4" – 6" OF SHREDDED HARDWOOD MULCH.

10.) SEE TABLE C200–1 FOR ACCEPTABLE TREES AND SHRUBS PER PLANTING TYPE.

11.) SEED USED SHALL BE THE CITY OF BISMARCK CLASS II MIX (SUNNY) WHICH CONSISTS OF THE FOLLOWING APPLIED AT A RATE OF 5 LBS/100 SY:

85% 'PARK' KENTUCKY BLUE GRASS (R)
15% 'ARCTARED' CREEPING RED FESCUE (R) OR 'DURAR' HARD FESCUE (R)

12.) PRIOR TO SEEDING, A MINIMUM OF 6–INCHES OF TOPSOIL IS TO BE LAID AND SHALL BE FREE OF VEGETATION AND AGGREGATE LARGER THAN 1–INCH.

## TABLE C200-1: ACCEPTABLE PLANTINGS

| Code | Legend Type | Acceptable Species | | |
|---|---|---|---|---|
| | | Common Name | Scientific Name | Minimum Size |
| DS | Deciduous Shade Tree | Bur Oak | *Quercus macrocarpa* | Minimum Caliper 1.5" at 6" above root collar |
| | | Quaking Aspen | *Populus tremuloides* | |
| | | Kentucky Coffeetree (Male) | *Gymnocladus dioicus* | |
| | | American Linden | *Tilia americana* | |
| DO | Deciduous Ornimental Tree | Flowering Crabapple | *Malus hybrida* | Minimum Caliper 1" at 6" above root collar |
| | | Arnold Hawthorn | *Crataegus arnoldiana* | |
| | | Japanese Lilac | *Syringa reticulata* | |
| | | Amur Maple | *Acer ginnala* | |
| LC | Lg. Coniferous Tree | Ponderosa Pine | *Pinus ponderosa* | Minimum height of 4' above grade |
| | | Black Hills Spruce | *Picea glauca 'Densata'* | |
| SC | Sm. Coniferous Tree | Medora Juniper | *Juniperus scopulorum 'Medora'* | Minimum height of 2 feet above grade or a minimum container size of 2 gallons |
| SH | Shrub | Redosier Dogwood | *Cornus sericea* | |
| | | Common Lilac | *Syringa vulgaris* | |
| | | Golden/Clove Currant | *Ribes odoratum* | |
| | | Vanhoutte Spirea | *Spiraea x vanhouttei* | |

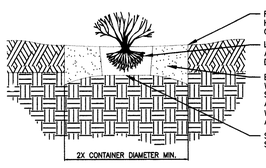
## C600 - PHASE II/III ESTIMATED LANDSCAPING QUANTITIES

| ITEM | DESCRIPTION | UNIT | PHASE II QUANTITIES | PHASE II ALT QUANTITIES | PHASE III QUANTITIES |
|---|---|---|---|---|---|
| 1 | TOPSOILING | CY | 676 | 726 | 12 |
| 2 | SEEDING CLASS II | SY | 4056 | 4354 | 70 |
| 3 | TREE / SHRUB MULCHING | EA | 54 | 88 | 8 |
| 4 | DECIDUOUS SHADE TREE | EA | 5 | 12 | |
| 5 | DECIDUOUS ORNIMENTAL TREE | EA | | | |
| 6 | LARGE CONIFEROUS TREE | EA | | | |
| 7 | SMALL CONIFEROUS TREE | EA | 5 | 2 | |
| 8 | SHRUB | EA | 44 | 72 | 8 |

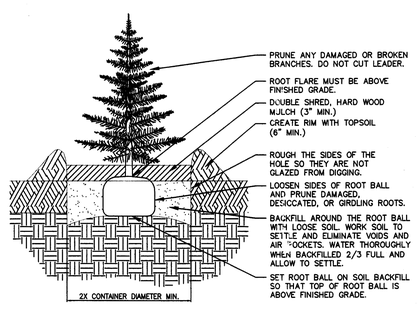
## NOTE

BOULEVARD TREES ARE TO BE PLANTED FOLLOWING COMPLETION OF THE FUTURE CONSTRUCTION OF SANTA FE AVENUE BY OTHERS

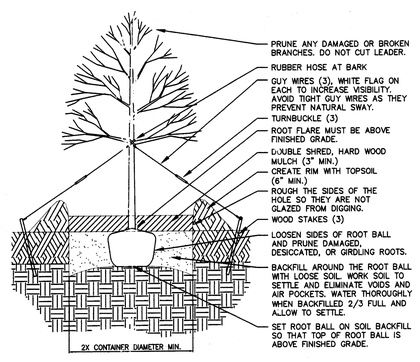
**NOTE: LANDSCAPING BY OWNER**




1 SHRUB PLANTING
C600 NOT TO SCALE




2 CONIFEROUS TREE PLANTING
C600 NOT TO SCALE




3 DECIDUOUS TREE PLANTING
C600 NOT TO SCALE


WENCK ASSOCIATES
Responsive partner. Exceptional outcomes.
301 1st Street NE, #202
Mandan, ND 58554
(P)(701) 751-3370
(F) (701) 751-3372


REGISTERED PROFESSIONAL ENGINEER
MICHAEL J. GREER
PE-8096
DATE 05/04/15
NORTH DAKOTA


CONSOLIDATED CONSTRUCTION CO.
4300 North Richmond Street
Appleton, Wisconsin 54913
1call2build.com
1355 Airport Road
Bismarck, North Dakota 58504
1call2build.com


# Citadel Apartments
## MULTI-FAMILY DWELLINGS
Bismarck, North Dakota

| Date: | Description: |
|---|---|
| 5/4/2015 | REVISIONS PER CITY COMMENTS |

Project #: 3284-0012
Drawn By: JME
Issue Date: 5/4/2015
Issue # 2

C600

LANDSCAPE PLAN

J:\EDS_PROJECTS\3284 - Consolidated Construction\B0012 - Citadel Phase II_III\DESIGN\6-LANDSCAPE\C600.dwg