

APPROVED BY PLANNING
 TITLE: PLAN 05-16-13
 DATE: 05-16-13

APPROVED BY FORESTRY
 TITLE: 2.4.16.13
 DATE: 5-16-13

- PAVEMENT**
- P1 ON SITE EXTERIOR CONCRETE MATERIALS AND CONSTRUCTION MATERIALS SHALL CONFORM TO CITY OF BISMARCK SPECIFICATIONS EXCEPT AS MODIFIED HEREIN. AIR CONTENT SHALL BE 5% TO 7%. STRENGTH AT 28 DAYS SHALL BE 4000 PSI.
 - P2 ASPHALT PAVING SHALL BE CLASS 'B' PER CITY OF BISMARCK SPECIFICATIONS. NO SEAL COAT IS REQUIRED UNLESS THERE IS A COURSE ASPHALT SURFACE THAT WOULD ALLOW AIR AND WATER TO RAVEL THE SURFACE EARLIER THAN NORMAL WEAR.
 - P3 CITY SIDEWALK PER CITY OF BISMARCK SPECIFICATIONS - THICKEN SIDEWALK AT DRIVEWAYS TO 8" AND PROVIDE KEYWAY PER CITY SPECIFICATIONS.
 - P4 4 1/2" FULL DEPTH ASPHALT OR 5" CONCRETE ALTERNATE. SEE DETAILS.
 - P5 ISOLATION JOINTS WILL BE REQUIRED ALONG THE BUILDING, STOOPS AND ALL FIXED ITEMS. LEAVE JOINT 1/2" LOW AND SEAL. ISOLATION JOINTS SHALL BE SEALED USING A ONE PART POLYURETHANE TYPE SEALANT.
- SIGNAGE AND STRIPING**
- SS1 STRIPING SHALL BE 4" WIDE NON REFLECTORIZED PAINT MEETING THE REQUIREMENTS OF AASHTO M28 APPLIED AT A RATE OF 110 SQUARE FEET PER GALLON. COLOR SHALL BE YELLOW. TYPICAL FOR ALL STRIPING UNLESS OTHERWISE NOTED.
 - SS2 ADA STRIPING FOR LANES AND SYMBOLS SHALL BE BLUE PAINT MEETING THE REQUIREMENT OF AASHTO M28 APPLIED AT A RATE OF 110 SQUARE FEET PER GALLON. PAINT FACE AND TOP OF CURB (6" WIDE) IN FRONT OF ALL HANDICAP STALLS.
 - SS3 PROVIDE AND INSTALL ADA SIGNS AND POSTS.
- SANITARY SEWER SERVICE**
- S1 MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH CITY OF BISMARCK SPECIFICATIONS. BACKFILL SHALL BE CLASS A UNLESS OTHERWISE NOTED.
 - S2 CONNECT INTO EXISTING 6" SANITARY SEWER STUB; APPROXIMATE INV. 54.55. VERIFY INVERT IN FIELD. INSTALL 4.76 LF 6" SANITARY SEWER SERVICE AT 1.0504% AND GREASE/SAND INTERCEPTOR; INV. 54.60.
 - S3 CONNECT TO GREASE/SAND INTERCEPTOR; INV. 54.70. INSTALL 2.24 LF 6" SANITARY SEWER SERVICE @ 0.8928% AND 6" CLEANOUT; INV. 54.72.
 - S4 INSTALL 5.00 LF 6" SANITARY SEWER SERVICE @ 0.8000% AND TEMPORARY CAP; INV. 54.76.
 - S5 REMOVE 3 LF OF EXISTING 6" SANITARY SEWER SERVICE. INSTALL 4"X6" WYE BRANCH AT END OF SERVICE. APPROXIMATE INV. 54.63.
 - S6 INSTALL 5.54 LF OF 4" SANITARY SEWER @ 1.2635%; INV. 54.70
 - S7 INSTALL 45' BEND, 14.08 LF OF 4" SANITARY SEWER @ 1.1364% AND TEMPORARY CAP; INV. 54.86
- WATER SERVICE**
- W1 MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH CITY OF BISMARCK SPECIFICATIONS. ALL BACKFILL SHALL BE 95% OF STANDARD PROCTOR AT RECOMMENDED MOISTURE CONTENT. WATERLINES SHALL BE CHLORINATED, PRESSURE TESTED AND FLUSHED. TESTING IS CONSIDERED INCIDENTAL. ALL WATER MAIN SECTIONS SHALL HAVE A MINIMUM 8.0 FEET OF COVER.
 - W2 CONNECT TO EXISTING 1-1/2" WATER SERVICE. VERIFY INVERT IN FIELD.
 - W3 INSTALL 16.53 LF 1-1/2" WATER SERVICE FOR CONNECTION INTO BUILDING.
 - W4 COORDINATE WITH MECHANICAL CONTRACTOR FOR CONNECTION INTO BUILDING.
 - W5 WATER SERVICE SIZING MAY NEED TO BE ADJUSTED TO MEET FIRE SUPPRESSION SYSTEM SIZING REQUIREMENTS.

- GENERAL LANDSCAPING NOTES FOR ALL SHEETS**
- L1 ALL CONTRACTORS WISHING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS.
 - L2 PROTECT THE IMPROVEMENTS ON SITE AND ON THE ADJOINING PROPERTIES. PROVIDE BARRICADES, COVERINGS OR OTHER TYPE OF PROTECTION AS NECESSARY TO PREVENT DAMAGE AND TO SAFEGUARD AGAINST INJURY TO EXISTING UTILITIES.
 - L3 DAMAGE THAT OCCURS TO PLANTS DURING TRANSPORTATION AND INSTALLATION WILL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
 - L4 ALL PLANTING BEDS SHALL BE INSTALLED WITH 3" OF 2" CRUSHED ROCK MULCH, LANDSCAPE FABRIC WITH A MINIMUM WEIGHT OF 4 OZ./SQ. YD. AND WHEREVER NECESSARY, 6" COMMERCIAL GRADE BLACK PLASTIC EDGING TO CONTAIN THE PLANTING BED.
 - L5 ALL LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. THE OWNER WILL BE RESPONSIBLE FOR PROVIDING WATER FOR THIS TASK. IF WATER IS NOT AVAILABLE AT THE BUILDING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE ALTERNATIVE METHODS FOR WATERING.
 - L6 SOLITARY TREES DO NOT NEED TO BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND THE TREE IN A MATTLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.
 - L7 CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFIRMING THE FOLLOWING:
 L7A FURNISHED TREES AND SHRUBS GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS, AND HEALTHY CONDITION FOR 365 DAYS MINIMUM FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETED.
 L7B LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND CARING FOR ALL PLANT MATERIAL, SEED, SOD, AND OTHER LANDSCAPING IMPROVEMENTS UNTIL THE DATE OF FINAL INSPECTION AND APPROVAL.
 - L10 ALL PORTIONS OF THE SITE NOT RECEIVING OTHER IMPROVEMENTS SHALL BE SEEDED AND HYDROMULCHED ACCORDING TO CITY OF BISMARCK SPECIFICATIONS FOR CLASS II SEED. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO SEED ESTABLISHMENT, SEED STAND ACCEPTANCE, AND RESEEDING AND REPAIR PORTIONS OF THE SPECIFICATION. DELETE THE SECTION DISCUSSING MAINTENANCE OF ACCEPTED SEED STAND.

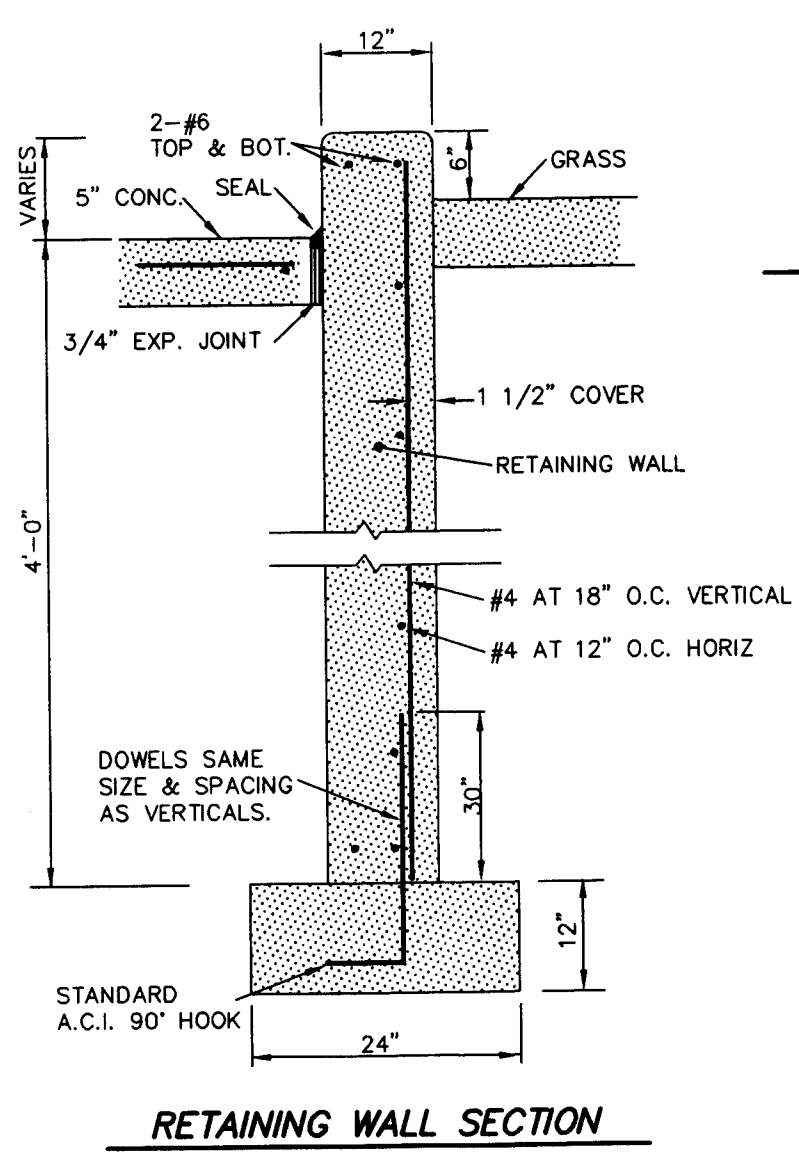
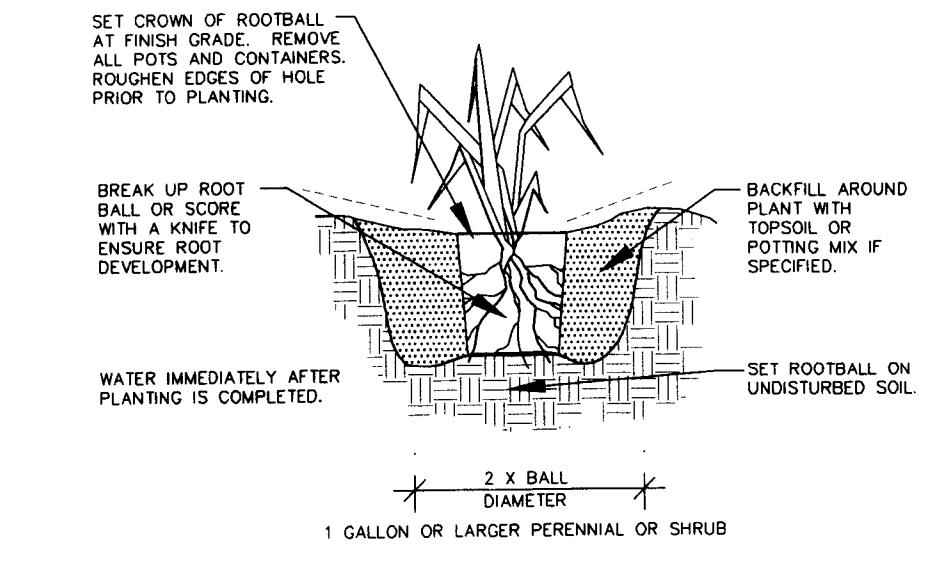
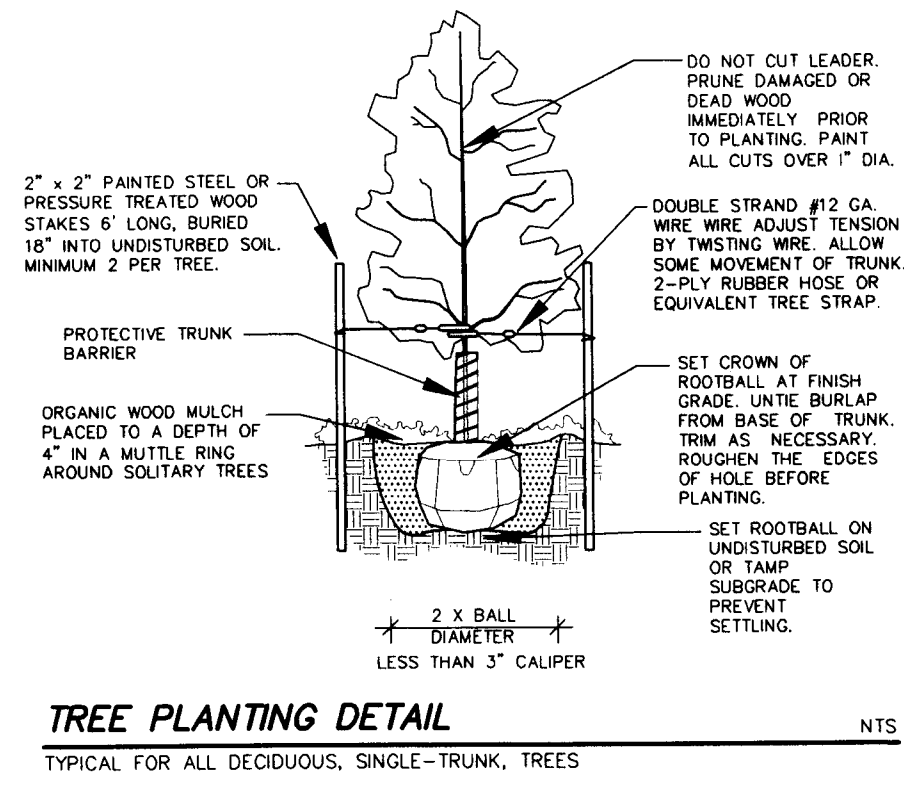
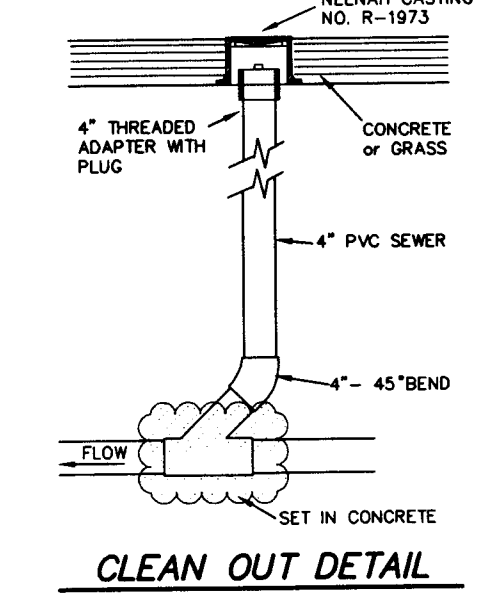
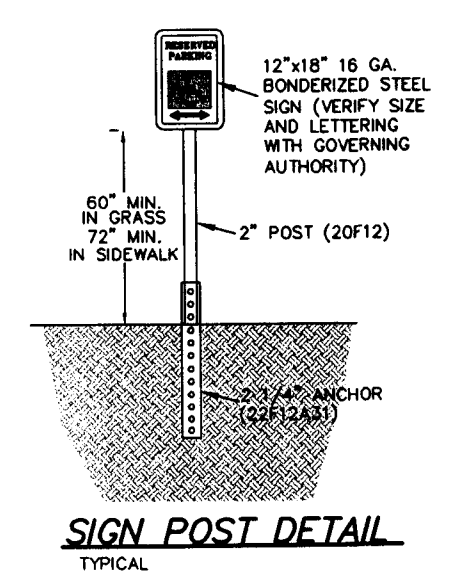
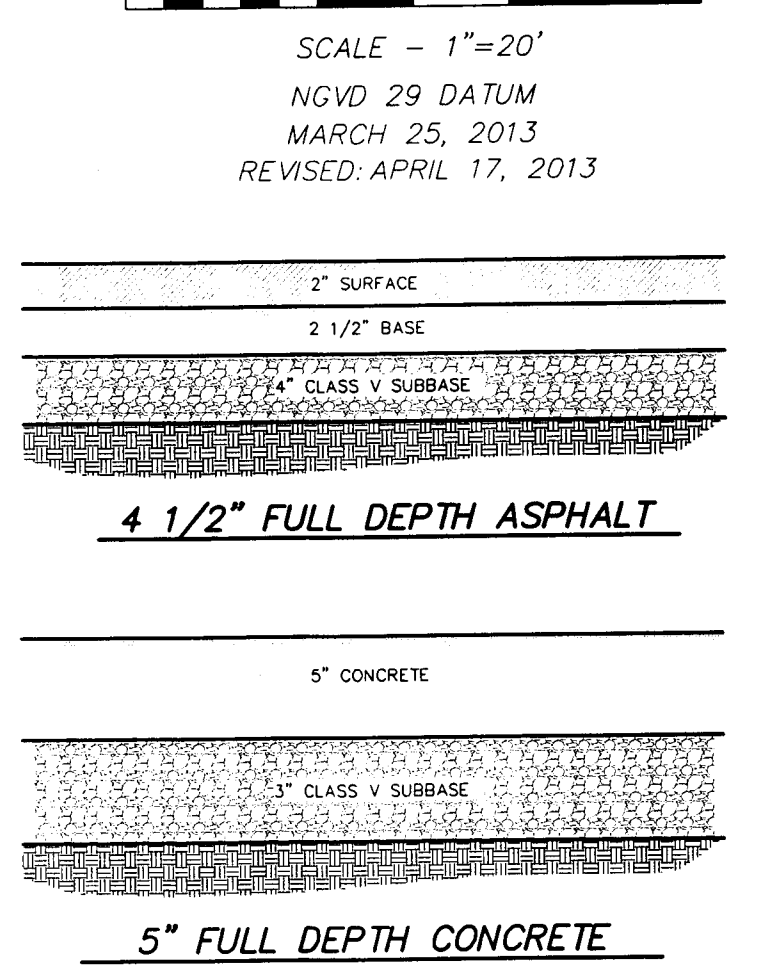
- TOPSOIL NOTES**
- T1 ANY TOPSOIL STOCKPILED ON SITE SHALL BE AVAILABLE FOR THE LANDSCAPE CONTRACTOR TO SPREAD AND FINISH GRADE. ALL PORTIONS OF THE SITE NOT RECEIVING CONCRETE, CURB & GUTTER OR OTHER IMPROVEMENTS SHALL BE COVERED WITH A MINIMUM OF 6" OF TOPSOIL AND SEEDED ACCORDING TO SPECIFICATIONS.
 - T2 ALL IMPORTED TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, FINE, SANDY-LOAM TOPSOIL. IT SHALL BE FREE FROM SUBSOIL, NOXIOUS WEEDS, STONES, LIME, CEMENT, ASHES, SLAG, OR OTHER DELETERIOUS MATTER.
 - T3 TOPSOIL SHALL BE PLACED AND SEEDED AS SOON AS PRACTICAL TO MINIMIZE WIND AND WATER EROSION. BACKFILL BEHIND CURB AND GUTTERS AND SIDEWALK AS SOON AS REASONABLE TO PREVENT STANDING WATER AND PROTECT THE IMPROVEMENTS.

FENCE NOTES

INSTALL 6" OPAQUE VINYL FENCE WITH GATE TO THE NORTH.

PLANT PALETTE

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
TL	IVORY SILK TREE LILAC	<i>Syringa reticulata 'Ivory Silk'</i>	1 1/2" Cal.	7
DK	DWARF KOREAN LILAC	<i>Syringa meyeri 'Palibin'</i>	2 Gallon	13



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.

WARRANTY / DISCLAIMER

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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 all 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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DATE: 4/7, 4/7, 4/7

REVISION: INSTALL ADD. SAN. SEWER, PROVIDE INT. LANDSCAPE

SITE PLAN
 LOT 6, BLOCK 4
 AIRPORT INDUSTRIAL PARK THIRD ADDITION
 BISMARCK, NORTH DAKOTA

SWENSON, HAGEN & COMPANY P.C.
 909 Basin Avenue
 Bismarck, North Dakota 58504
 shh@swensonhagen.com
 Phone (701) 293-9600
 Fax (701) 293-9606

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 AIRPORT INDUSTRIAL THIRD
 NORTH DAKOTA

DRAWN BY: CK
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 DATE: 3/25/2013
 FILE DESC: AIRPORT INDUSTRIAL THIRD
 COMPUTER FILE: L6BK4 SITE PLAN
 SURVEY FILE:

SHEET
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