

- REFERENCE NOTES SCHEDULE**
- | SYMBOL | DESCRIPTION   |
|--------|---|
| 1      | INSTALL 12" CONCRETE EDGER. SEE DETAIL.   |
| 2      | INSTALL 3" DEPTH OF 1" CRUSHED LANDSCAPE ROCK OVER LANDSCAPE FABRIC.  |
| 3      | SEED TYPE I: CONTRACTOR SHALL PROVIDE AND INSTALL SEED MIX AS FOLLOWS:<br>DIMENSION PERENNIAL RYE 9 PERCENT<br>ADELPH KENT BLUE 22 PERCENT<br>MERIT KENT BLUE 8 PERCENT<br>GERONIMO KENT BLUE 14 PERCENT<br>BONANZA TALL FESCUE 24 PERCENT<br>PARADE BLUEGRASS 8 PERCENT<br>ANNUAL RYEGRASS 15 PERCENT<br>CONTRACTOR SHALL APPLY SEED AT A DRILLED RATE OF 20 POUNDS/1000 SQUARE FEET WITH A MINIMUM COVERAGE OF 95 PERCENT. SEED AND SEEDING MIXTURE SHALL BE FREE OF ALL PROHIBITED NOXIOUS WEED SEED AND WILL NOT CONTAIN MORE THAN 1/2 OF 1 PERCENT BY WEIGHT OR RESTRICTED NOXIOUS WEED SEEDS. |
| 4      | CL 160 IRRIGATION SLEEVE  |

**PLANT SCHEDULE**

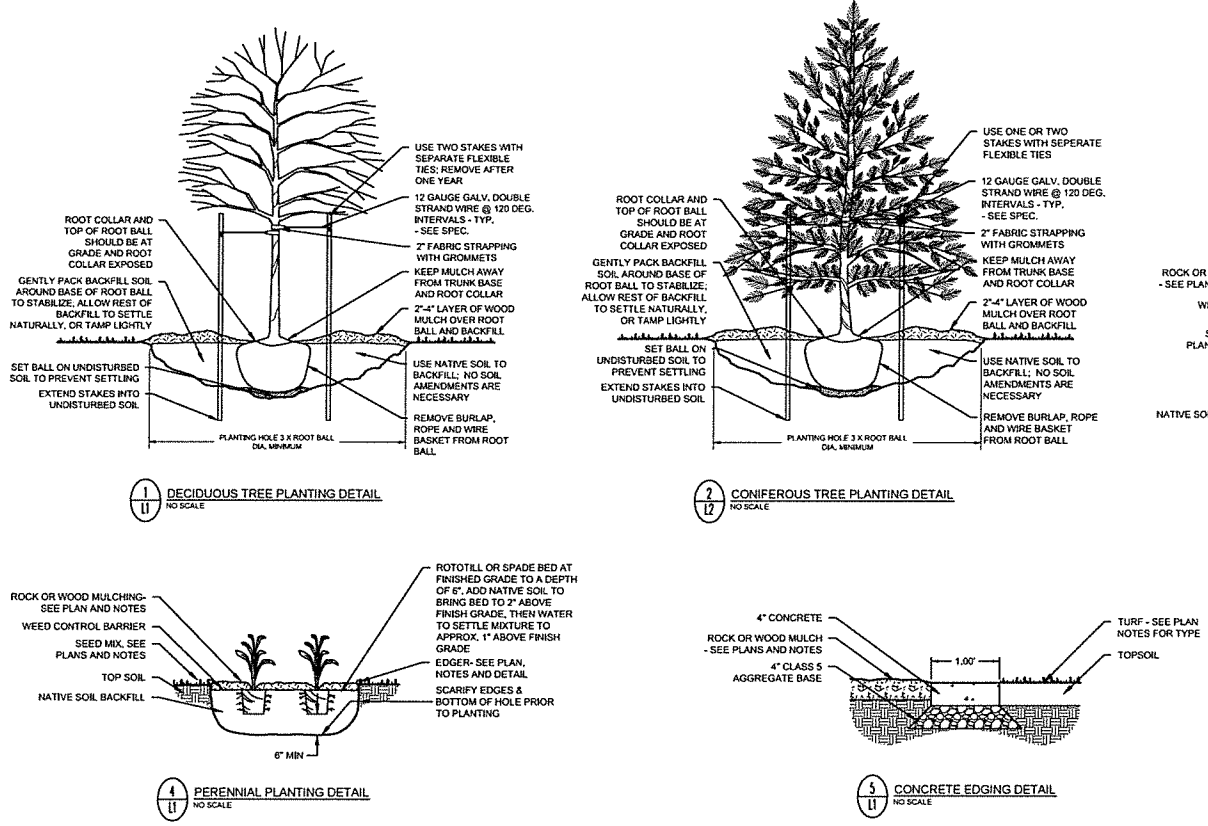
ABBREVIATION	QTY	COMMON NAME	BOTANICAL NAME	CONT	REMARKS
CO	3	Common Hackberry	Celtis occidentalis	8 & 8	2" Cal
CA	5	Pagoda Dogwood	Cornus alternifolia	8 & 8	1.5" Cal
BT	3	Emerald Crapeul Barberry	Berberis x 'Tara' TM	#2	
CP	6	Sweet Fern	Comptonia ovata	#2	
CA2	37	Arctic Fire Dogwood	Cornus stolonifera 'Arctic Fire'	2 gal	
EC	4	Compact Burning Bush	Eurovynus alatus 'Compactus'	#2	
HO	42	Stella de Oro Daylily	Hemerocallis x 'Stella de Oro'	#1	
JO	10	Old Gold Juniper	Juniperus chinensis 'Old Gold'	#2	
JH	21	Hughes Juniper	Juniperus horizontalis 'Hughes'	2 gal	
PN2	5	Bird's Nest Spruce	Picea abies 'Nidiformis'	#2	
SMD	3	Dwarf Korean Lilac	Syringa meyeri 'Palibin'	#2	
TT	12	Taxton Yew	Taxus x media 'Taxtoni'	2 gal	
VA	20	Alfredo Compact American Cranberrybush	Viburnum trilobum 'Alfredo Compactum'	2 gal	
HH	20	Happy Returns Daylily	Hemerocallis x 'Happy Returns'	1 gal	

- PLANTING NOTES**
- FINE GRADING SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING OPERATIONS.
  - CONTRACTOR SHALL LAY OUT PLANT MATERIAL PER PLAN AND FACE TO GIVE BEST APPEARANCE OR RELATION TO ADJACENT PLANTS, STRUCTURES OR VIEWS. CONSULT WITH ENGINEER TO OBTAIN APPROVAL PRIOR TO INSTALLATION.
  - PLANT MATERIAL SHALL NOT BE INSTALLED IN AREAS WHICH WILL CAUSE HARM TO ADJACENT STRUCTURES OR OBSTRUCT IRRIGATION SPRAY PATTERNS (IF APPLICABLE). NOTIFY THE OWNER SHOULD CONFLICTS ARISE.
  - PLANT LOCATIONS ARE DIAGRAMMATIC AND MAY BE ADJUSTED IN THE FIELD AT THE ENGINEER'S REQUEST PRIOR TO INSTALLATION.
  - FINISH GRADE OF PLANTING AREAS SHALL BE 2" BELOW ADJACENT PAVING. TAPER 4" DEPTH MULCH TOP DRESSING TO 1 1/2" DEPTH AT ADJACENT PAVING.
  - ALL TREES TO RECEIVE 4" DEPTH OF SHREDDED HARDWOOD BARK MULCH 3 TIMES THE DIA. OF THE ROOTBALL UNLESS OTHERWISE NOTED. MULCH SHALL BE INCLUDED IN THE PRICE BID FOR EACH TREE.
  - ALL NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING. THOROUGHLY RE-SOAK ALL NEW PLANT MATERIALS ONE WEEK AFTER PLANTING COMPLETION.
  - THIRTY DAYS AFTER PLANTING, CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS REQUIRED.
  - CONTRACTOR SHALL THOROUGHLY LOOSEN ANY COMPACTED SUBGRADES PRIOR TO PLACING TOPSOIL, TO A MINIMUM DEPTH OF 4".
  - CONTRACTOR SHALL IMPORT CLEAN TOPSOIL FREE OF WEEDS, RHIZOMES, ROCKS, STICKS, AND OTHER DELETERIOUS MATERIAL. ENGINEER IS TO APPROVE TOPSOIL PRIOR TO INSTALLATION. CONTRACTOR SHALL BRING TO FINISH GRADE WITH 12" MIN. OF TOPSOIL IN ALL LAWN AREAS AND PLANTING BEDS.
  - CONTRACTOR SHALL REMOVE WEEDS, CONTAMINATED SOILS, MISC. WASTE MATERIALS FROM AREA TO BE PLANTED AND SEED-SOODED. CONTRACTOR SHALL LOOSEN COMPACTED SUBSOILS BY TILLING AND IMPORTING NEW TOPSOIL AS REQUIRED RESTORING GRADES AND MAINTAINING POSITIVE DRAINAGE AWAY FROM STRUCTURES.
  - DO NOT INSTALL PLANT MATERIAL WHEN AMBIENT TEMPERATURES MAY DROP BELOW 35 DEGREES F OR RISE ABOVE 90 DEGREES F. ACCEPTABLE PLANTING DATES SHALL BE AS FOLLOWS:  
SPRING: APRIL 15 - JUNE 15  
FALL: SEPTEMBER 15 - NOVEMBER 1
  - WEED FABRIC (PER SPEC) SHALL BE INCLUDED UNDER ALL AREAS RECEIVING ROCK MULCHING.

- IRRIGATION NOTES:**
- IRRIGATION CONTRACTOR SHALL VERIFY PRESSURE OF SYSTEM PRIOR TO INSTALLATION.
  - GENERAL CONTRACTOR SHALL COORDINATE WITH THE IRRIGATION CONTRACTOR TO ENSURE ANY AND ALL SLEEVES NEEDED FOR THE NEW IRRIGATION SYSTEM ARE PLACED PRIOR TO INSTALLATION OF ANY SITE HARD SURFACES. SLEEVE UNDER ALL WALKS, DRIVES, ROADS, AND PAVEMENT AREAS. SLEEVES ARE TO BE CL 160 PVC MANHOLE SLEEVES ARE TO BE 4" WITH A MINIMUM 2" SLEEVE FOR WIRES. LATERAL SLEEVES SHALL BE 2X THE PIPE BEING SLEEVED. IF MORE THAN ONE CONTROLLER IS BEING INSTALLED, PROVIDE SEPARATE WIRE SLEEVES FOR EACH CONTROLLER.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE THEMSELVES WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY THEIR WORK. THEY SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS UNDER SIDEWALKS AND PAVING.
  - THE CONTRACTOR SHALL, AT THEIR OWN EXPENSE, LOCATE ALL UNDERGROUND UTILITIES, WHICH MAY AFFECT THEIR OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE.
  - INSTALL A BACKFLOW PREVENTION DEVICE, CONTRACTOR TO PROVIDE.
  - PROVIDE BLOW OUT TAPS AND ENCLOSURES BEFORE AND AFTER THE BACK FLOW PREVENTION DEVICE.
  - INSTALL A NEW CONTROLLER. THE CONTRACTOR SHALL COORDINATE THE LOCATION WITH THE OWNER. CONTROLLER SHALL BE INSTALLED AND GROUNDED PER MANUFACTURER'S SPECIFICATIONS. FINAL CONNECTION OF THE VALVE WIRES TO THE CONTROLLER SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE IRRIGATION CONTRACTOR SHALL BE WIRED DIRECTLY TO A 110 VOLT POWER SOURCE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE IRRIGATION CONTROLLER WIRING TO THE POWER SOURCE. CONNECTING THE CONTROLLER TO THE POWER SOURCE SHALL BE THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY LOCAL CODES OR ORDINANCES THAT APPLY. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE POWER SOURCE AND EXACT LOCATION OF THE CONTROLLER WITH OWNERS REPRESENTATIVE.
  - ALL SPRINKLER HEADS SHALL BE ADJUSTED SO AS TO NEVER SPRAY THE BUILDING OR ANY FENCING AND MINIMIZE OVER-SPRAY ONTO ALL PAVED SURFACES. IRRIGATION CONTRACTOR SHALL PROVIDE 100% HEAD-TO-HEAD IRRIGATION COVERAGE IN ALL LAWN AREAS SEEDED OR SOODED UNLESS OTHERWISE SHOWN IN PLANS. ALL PLANTING BEDS SHALL BE IRRIGATED WITH DRIP IRRIGATION.
  - PLACE VALVE BOXES WITHIN OR ADJACENT TO PLANTING BEDS FOR EASY ACCESS. ALL IRRIGATION VALVES SHALL BE LOCATED IN PROFESSIONAL GRADE VALVE BOXES. SIZE OF VALVE BOXES SHALL VARY WITH NUMBER OF VALVES LOCATED IN BOX. ALL VALVE BOX LID ELEVATIONS SHALL BE SET FLUSH WITH FINISHED GRADE. PROVIDE BOX SIZE THAT WILL ALLOW 6" CLEARANCE AROUND ALL SIDES OF VALVES. PROVIDE BOLTS PER MANUFACTURER'S RECOMMENDATIONS AND SECURE EACH VALVE BOX.
  - THE CONTRACTOR SHALL REPAIR ANY SETTLING IN THE IRRIGATION TRENCHES OR ASSOCIATED IRRIGATION WORK AS A WARRANTY ITEM.
  - IRRIGATION CONTRACTOR SHALL PROVIDE TO THE OWNER TWO (2) SETS OF AS-BUILT DRAWINGS TO SCALE, SHOWING ALL COMPONENTS OF THE SYSTEM, REFERENCED FROM A FIXED LOCATION ON THE SITE.
  - ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL COMPLETION. IF DURING SUCH GUARANTEE PERIOD ANY SUCH PRODUCT FAILS DUE TO IMPROPER INSTALLATION OR DEFECTIVE MATERIAL, THE CONTRACTOR WILL REPAIR THE DEFECTIVE COMPONENT(S) FREE OF CHARGE.
  - CONTRACTOR SHALL PROVIDE TO THE OWNER COPIES OF ALL WARRANTIES FROM MANUFACTURER AND OPERATING MANUALS FOR FURNISHED EQUIPMENT. INFORMATION SHEETS SHALL BE BOUND IN STANDARD 3-RING BINDERS LABELED TO SHOW PROJECT NAME, CONTRACTORS NAME, ADDRESS, BUSINESS PHONE NUMBER, AND DATE.

APPROVED BY PLANNING  
*DM (mml)*  
SENIOR PLANNER 01-28-16  
TITLE DATE

APPROVED BY FORESTRY  
*mDorff*  
LANDSCAPE ARBORIST 1-28-16  
TITLE DATE



This document was originally issued and sealed by David Mayer, Registration Number 13 (Landscape Architect) on 1/12/2016, and the original document is stored at KLJ, Bismarck, North Dakota. This media should not be considered a certified document.

**SHILOH CHRISTIAN SCHOOL**

**SHILOH CHRISTIAN SCHOOL FINE ARTS ADDITION**  
BISMARCK, NORTH DAKOTA

LANDSCAPE PLAN