



**SVENSON, HAGEN & COMPANY P.C.**  
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CLIENT  
**Bismarck Public Schools**

PROJECT DESCRIPTION  
**Bismarck High School Gym Addition & Auditorium**

CITY Bismarck  
 STATE ND

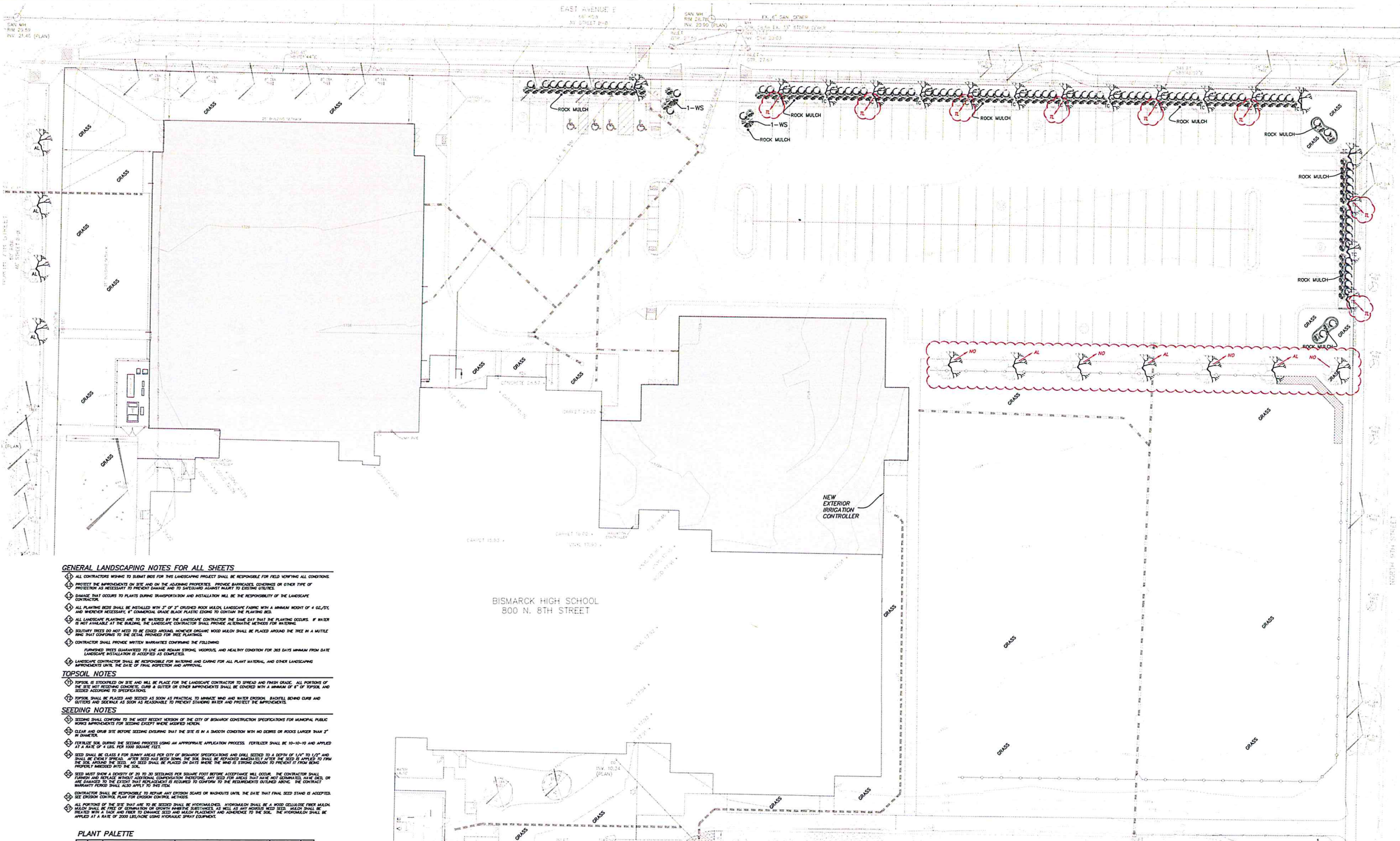
ISSUE DATES

ADDENDUM NO. 4	3-12-18
CD CONSTRUCTION DOCUMENTS	2-22-18
MARK DESCRIPTION	DATE

PROJECT NO: 20163341  
 DRAWN BY: CK  
 CHECKED BY: LKR

DRAWING TITLE  
**LANDSCAPE PLAN**

**C5.0**



**GENERAL LANDSCAPING NOTES FOR ALL SHEETS**

- 1. ALL CONTRACTORS WORKING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND VERIFYING THE IMPROVEMENTS ON SITE AND ON THE ADJACENT PROPERTIES. PROVIDE BARRICADES, CONE TRAFFIC OR OTHER TYPE OF PROTECTION AS NECESSARY TO PREVENT DAMAGE AND TO SAFEGUARD AGAINST INJURY TO EXISTING UTILITIES.
- 2. DAMAGE THAT OCCURS TO PLANTS DURING TRANSPORTATION AND INSTALLATION WILL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- 3. ALL PLANTING BEDS SHALL BE INSTALLED WITH 3" OF 3/4" GRADED PEEK MULCH, LANDSCAPE FABRIC WITH A MINIMUM WEIGHT OF 4 OZ/SY, AND WHERE NECESSARY, 1" CONCRETE OR GELCO PLASTIC LINING TO CONTAIN THE PLANTING BEDS.
- 4. ALL LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. IF WATER IS NOT AVAILABLE AT THE WEEDING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE ALTERNATE METHODS FOR WATERING.
- 5. EXISTING TREES TO BE REMOVED SHALL BE CUTTED AT AN ANGLE, REMOVED, AND THE TRUNKS SHALL BE PLACED AROUND THE TREE IN A MATTLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTING.
- 6. CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONCERNING THE FOLLOWING:  
 6.1. FURNISHED TREES QUANTITIES TO BE AND REMAIN STRONG, HEALTHY, AND HEALTHY CONDITION FOR 365 DAYS FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETE.  
 6.2. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND CARING FOR ALL PLANT MATERIAL, AND OTHER LANDSCAPING IMPROVEMENTS UNTIL THE DATE OF FINAL INSPECTION AND APPROVAL.

**TOPSOIL NOTES**

- 1. TOPSOIL IS STOCKPILED ON SITE AND WILL BE PLACED 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 4" OF TOPSOIL AND SEEDED ACCORDING TO SPECIFICATIONS.
- 2. TOPSOIL SHALL BE PLACED AND SEEDING AS SOON AS PRACTICAL TO MINIMIZE WIND AND WATER EROSION. BACKFILL BEHIND CURB AND GUTTERS AND SIDEWALKS AS SOON AS FEASIBLE TO PREVENT STANDING WATER AND PROTECT IMPROVEMENTS.

**SEEDING NOTES**

- 1. SEEDING SHALL CONFORM TO THE MOST RECENT EDITION OF THE CITY OF BISMARCK CONSTRUCTION SPECIFICATIONS FOR MUNICIPAL PUBLIC WORKS APPROPRIATE FOR SEEDING EXCEPT WHERE NOTED OTHERWISE.
- 2. CLEAR AND GRUB SITE BEFORE SEEDING ENSURING THAT THE SITE IS IN A SMOOTH CONDITION WITH NO DEBRIS OR ROCKS LARGER THAN 2" IN DIAMETER.
- 3. FERTILIZER SHALL BE APPLIED TO THE SEEDING PROCESS USING AN APPROPRIATE APPLICATION PROCESS. FERTILIZER SHALL BE 10-10-10 AND APPLIED AT A RATE OF 4 LBS. PER 1000 SQUARE FEET.
- 4. SEED SHALL BE CLASS # FOR BURNING AREAS PER CITY OF BISMARCK SPECIFICATIONS AND SHALL BE SET TO A DEPTH OF 1/4" TO 1/2" AND SHALL BE PLACED AT THE SURFACE. AFTER SEEDING HAS BEEN COMPLETED, THE SOIL SHALL BE REWORKED IMMEDIATELY AFTER THE SEED IS PLACED TO PREVENT BIRD DAMAGE TO THE SEED.
- 5. SEED MUST SHOW A DENSITY OF 20 TO 30 SEEDS PER SQUARE FOOT BEFORE ACCEPTANCE WILL OCCUR. THE CONTRACTOR SHALL FURNISH AND MAINTAIN SUFFICIENT ADDITIONAL CONSTRUCTION MATERIALS AND SUPPLIES TO BE STORED ON SITE UNTIL THE CONTRACTOR'S WARRANTY PERIOD SHALL APPLY TO THIS SITE.
- 6. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY EROSION SCARS OR WASHOUTS UNTIL THE DATE THAT FINAL SEED STAND IS ACCEPTED. SEE EROSION CONTROL PLAN FOR EROSION CONTROL METHODS.
- 7. ALL PORTIONS OF THE SITE THAT ARE TO BE SEEDING SHALL BE HYDROMULCHED. HYDROMULCH SHALL BE A WOOD CELLULOSE FIBER MULCH MULCH SHALL BE FREE OF STAMEN OR OTHER AMBERE RESIDUES. AS WELL AS ANY OTHER SEED. MULCH SHALL BE TREATED WITH A LOCK AND FREE TO DRAINAGE SEED AND MULCH PLACEMENT AND ADHERENCE TO THE SOIL. THE HYDROMULCH SHALL BE APPLIED AT A RATE OF 2000 LBS/AC USING HYDROMULCH SPRAY EQUIPMENT.

**PLANT PALETTE**

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QTY
TC	THUNDERCHILD CRABAPPLE	Malus 'Thunderchild'	1-1/2" Cal.	17
TL	IVORY SILK TREE LILAC	Syringa reticulata 'Ivory Silk'	1-1/2" Cal.	8
NO	NORTHERN PIN OAK	Quercus ellipsoidalis	1-1/2" Cal.	8
AL	AMERICAN LINDEN	Tilia americana	1-1/2" Cal.	2
WS	WEEDING WHITE SPRUCE	Picea canadensis	4"	2
MS	MAGIC CARPET SPIREA	Spiraea japonica 'Magic Carpet'	2 Gallon	111
CS	CRIMSON PYRAMID BARBERY	Berberis thunbergii 'Crimson Pygmy'	2 Gallon	92

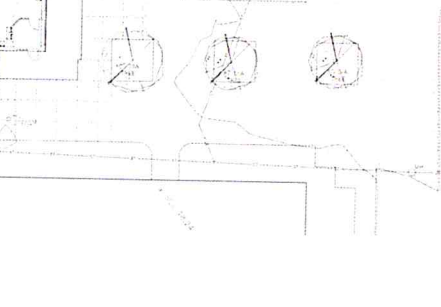
**LANDSCAPING REQUIREMENTS**

REQUIREMENT	REQUIREMENT
REQUIRED STREET LIGHTS: 5 PER 100 FEET - 18 FEET	REQUIRED STREET TREES: 1 PROPOSED STREET TREE, 1 EXISTING STREET TREE
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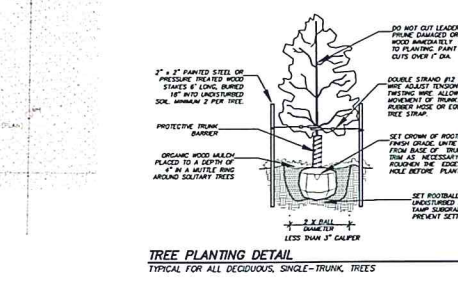
**WARRANTY / DISCLAIMER**  
 The images represented in these plans are in accordance with the information provided by the client and are not intended to be a representation of the actual conditions on site. The contractor shall verify the conditions on site and be responsible for any discrepancies between the plans and the actual conditions on site.

**SAFETY NOTICE TO CONTRACTOR**  
 In accordance with generally accepted construction practices and standards, the contractor shall be responsible for the safety of all workers and the public. The contractor shall be responsible for the safety of all workers and the public. The contractor shall be responsible for the safety of all workers and the public.

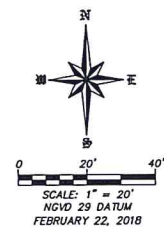
**NOTICE TO CONTRACTOR**  
 The location of existing underground utilities are shown in an approximate manner and are not to be used as a substitute for a utility map. The contractor shall be responsible for the safety of all workers and the public. The contractor shall be responsible for the safety of all workers and the public.



**TREE PLANTING DETAIL**  
 TYPICAL FOR ALL DECIDUOUS, SINGLE-TRUNK TREES NTS



**SHRUB/PERENNIAL PLANTING DETAIL**  
 TYPICAL FOR ALL SHRUBS AND PERENNIALS NTS



**CALL BEFORE YOU DIG**  
 NORTH DAKOTA  
 UTILITIES UNDERGROUND LOCATION SERVICE  
 1-800-795-0555

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**APPROVED BY PLANNING**  
 TITLE: [Signature]  
 DATE: 2-15-18

**APPROVED BY FORESTRY**  
 TITLE: [Signature]  
 DATE: 3-15-18

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