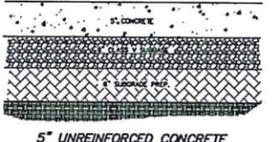
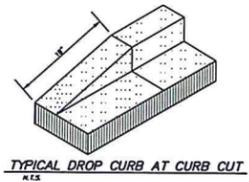
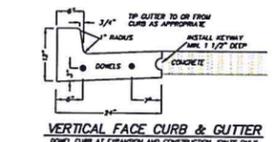
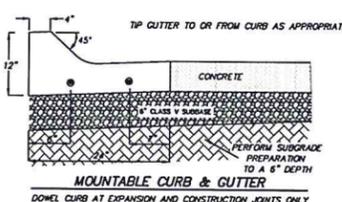
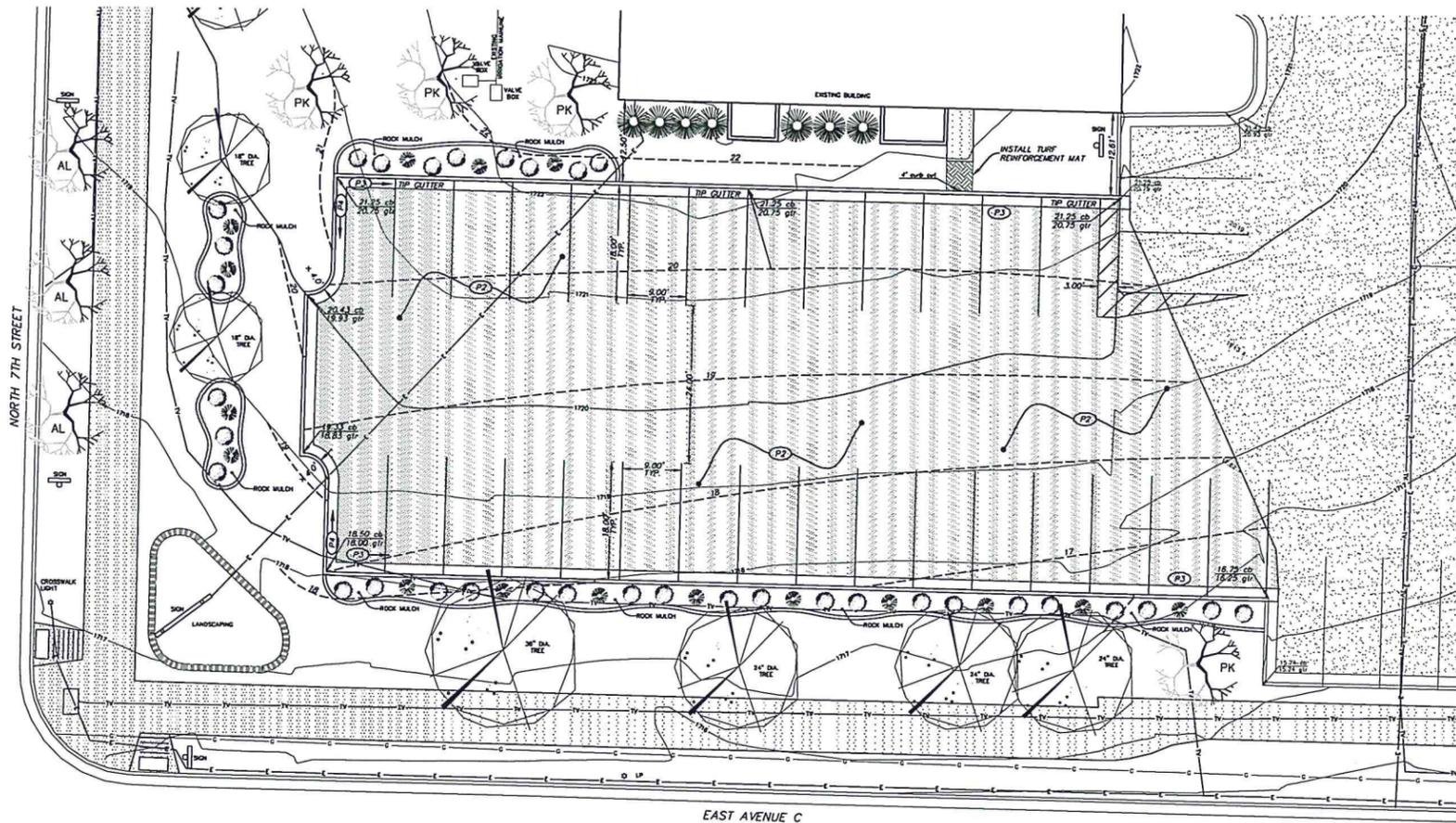


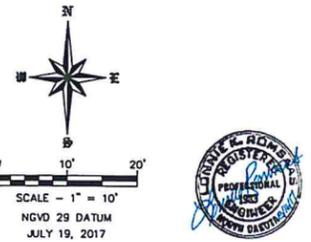
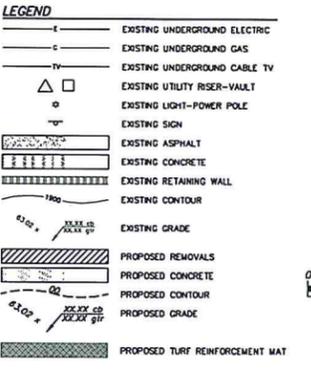
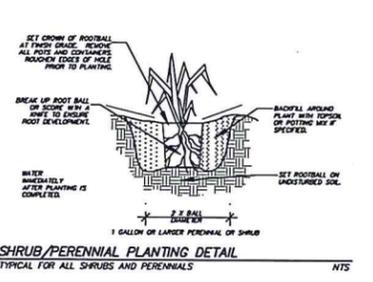
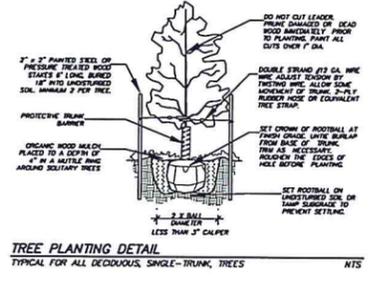
APPROVED BY FORESTRY
Andrew Squires
 TITLE
 8-17-17
 DATE

APPROVED BY PLANNING
Andrew Squires
 TITLE
 8/17/17
 DATE



PLANT PALETTE

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QTY
PK	PRINCESS KAT PLUM	<i>Prunus nigra 'Princess Kay'</i>	1-1/2" Cal.	4
AL	AMERICAN LINDEN	<i>Tilia americana</i>	1-1/2" Cal.	3
SP	MAGIC CARPET SPIREA	<i>Spiraea japonica 'Magic Carpet'</i>	2 Gallon	16
DB	DRIMON PYGMY BARBERRY	<i>Barbavis thunbergii 'Drimon Pygmy'</i>	2 Gallon	34



WARRANTY / DISCLAIMER
 The drawings represented in these plans are to be constructed in accordance with the conditions of the contract documents. Swenson, Hagen & Company P.C. is not responsible for any errors or omissions in the drawings or for any damage to property or persons resulting from the use of these drawings.

SAFETY NOTICE TO CONTRACTOR
 It is the contractor's responsibility to ensure that all workers are properly trained and equipped for the work. The contractor shall be responsible for any and all damages which may be incurred by the contractor's failure to comply with these safety requirements.

NOTICE TO CONTRACTOR
 The location of existing utilities is shown as an approximation only and does not constitute a warranty. The contractor shall be responsible for any and all damages which may be incurred by the contractor's failure to verify the location and depth of existing utilities.

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 UTILITIES UNDERGROUND LOCATION SERVICE
 1-800-795-0555

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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 5" UNREINFORCED CONCRETE ON 6" CLASS 3 GRAVEL BASE AND 8" SUBGRADE PREP - SEE DETAIL THIS SHEET. JOINT SPACING SHALL NOT EXCEED EIGHT FEET.
- P3 STANDARD CURB AND GUTTER - SEE DETAIL THIS SHEET
- P4 MOUNTABLE CURB AND GUTTER - SEE DETAIL THIS SHEET

SIGNAGE & PAVEMENT STRIPING (BY OWNER)

- S1 ALL NON-ADA 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.

IRRIGATION PERFORMANCE SPECIFICATION

- I1 THE EXISTING IRRIGATION SYSTEM IN DISTURBED AREAS IS TO BE REMOVED AND DISPOSED OF OFF SITE. TO ENSURE EACH HEAD IS LOCATED AND REMOVED, THE EXISTING SYSTEM SHALL BE ENERGIZED AND EACH HEAD MARKED WITH A PINK DOT OR FLAG WHILE IT IS ACTIVE.
- I2 CONTRACTOR SHALL DESIGN AND PROVIDE A PRICE FOR THE NEW IRRIGATION SYSTEM FOR THE DISTURBED AREAS AND PLANTING BEDS AROUND THE PROPOSED PARKING LOT.
- I3 SYSTEM SHALL BE DESIGNED FOR 100% HEAD TO HEAD COVERAGE PROVIDING AT LEAST 1" OF MOISTURE PER WEEK. OVERSPRAY SHALL BE MINIMIZED ONTO PAVEMENT, SIDEWALKS, AND BUILDINGS. QUICK COUPLERS SHALL BE PROVIDED AS NECESSARY FOR WINTERIZATION.
- I4 IRRIGATION CONTRACTOR SHALL MAKE ANY FIELD ADJUSTMENTS NECESSARY TO INSURE THAT THE COVERAGE IS HEAD TO HEAD. UPON COMPLETION OF THE JOB AN AS BUILT DRAWING INCLUDING PIPE SIZES, VALVE LOCATIONS AND HEAD LOCATIONS MUST BE GIVEN TO THE OWNER OR OWNER'S REPRESENTATIVE.
- I5 IRRIGATION CONTRACTOR SHALL FOLLOW ALL RECOMMENDED PRACTICES AS SET FORTH BY THE MANUFACTURER'S SPECIFICATIONS AND THE IRRIGATION ASSOCIATION.

SEEDING NOTES

- S1 SEEDING SHALL CONFORM TO THE MOST RECENT VERSION OF THE CITY OF BISMARCK CONSTRUCTION SPECIFICATIONS FOR MUNICIPAL PUBLIC WORKS IMPROVEMENTS FOR SEEDING EXCEPT WHERE MODIFIED HEREIN.
- S2 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.
- S3 FERTILIZE SOIL DURING 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.
- S4 SEED SHALL BE CLASS II PER CITY OF BISMARCK SPECIFICATIONS AND DRILL SEED TO A DEPTH OF 1/4" TO 1/2" AND SHALL BE EVENLY SPREAD. AFTER SEED HAS BEEN SOWN, THE SOIL SHALL BE REPAKED IMMEDIATELY AFTER THE SEED IS APPLIED TO FIRM THE SOIL AROUND THE SEED. NO SEED SHALL BE PLACED ON DAYS WHERE THE WIND IS STRONG ENOUGH TO PREVENT IT FROM BEING PROPERLY INCORPORATED INTO THE SOIL.
- S5 SEED MUST SHOW A DENSITY OF 20 TO 30 SEEDS PER SQUARE FOOT BEFORE ACCEPTANCE WILL OCCUR. THE CONTRACTOR SHALL FURNISH AND REPLACE WITHOUT ADDITIONAL COMPENSATION THEREFOR, ANY SEED FOR AREAS THAT HAVE NOT GERMINATED, HAVE DIED, OR ARE DAMAGED TO THE EXTENT THAT REPLACEMENT IS REQUIRED TO CONFORM TO THE REQUIREMENTS OUTLINED ABOVE. THE CONTRACT WARRANTY PERIOD SHALL ALSO APPLY TO THIS ITEM.
- S6 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.
- S7 ALL PORTIONS OF THE SITE THAT ARE TO BE SEEDDED SHALL BE HYDROMULCHED. HYDROMULCH SHALL BE A WOOD CELLULOSE FIBER MULCH. MULCH SHALL BE FREE OF GERMINATION OR GROWTH INHIBITING SUBSTANCES, AS WELL AS ANY NOXIOUS WEED SEED. MULCH SHALL BE TREATED WITH A TACK AND FIBER TO ENHANCE SEED AND MULCH PLACEMENT AND ADHERENCE TO THE SOIL. THE HYDROMULCH SHALL BE APPLIED AT A RATE OF 2000 LBS./ACRE USING HYDRAULIC SPRAY EQUIPMENT.

TOPSOIL NOTES

- T1 TOPSOIL CAN BE STOCKPILED ON SITE. THE LANDSCAPE CONTRACTOR WILL BE REQUIRED 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 SEEDDED ACCORDING TO SPECIFICATIONS.
- T2 TOPSOIL SHALL BE PLACED AND SEEDDED AS SOON AS PRACTICAL TO MINIMIZE WIND AND WATER EROSION. BACKFILL BEHIND CURB AND GUTTER AS SOON AS REASONABLE TO PREVENT STANDING WATER AND PROTECT THE IMPROVEMENTS.

GENERAL LANDSCAPING NOTES FOR ALL SHEETS

- L1 ALL CONTRACTORS WORKING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS.
- L2 PROTECT THE IMPROVEMENTS ON SITE AND ON THE ADJACENT 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 LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. IF WATER IS NOT AVAILABLE AT THE BUILDING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE ALTERNATIVE METHODS FOR WATERING.
- L5 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.
- L6 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.
- L7 ALL PLANTING BEDS SHALL BE INSTALLED WITH 4" OF 3/4" CRUSHED ROCK MULCH. LANDSCAPE FABRIC WITH A MINIMUM HEIGHT OF 4 OZ./SQ. YD. AND WHEREVER NECESSARY, 6" POURED IN PLACE DECORATIVE CONCRETE EDGING TO CONTAIN THE PLANTING BED.

DATE
 8/17/17

REVISIONS

NO.	DATE	DESCRIPTION

CHANGED OUT SHEETS PER COMMENTS

SITE PLAN

BISMARCK HIGH SCHOOL
 800 NORTH 8TH STREET
 BISMARCK, NORTH DAKOTA

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DRAWN BY: CK
CHECK BY: LKR
DATE: 7-19-17
FILE DESC:

COMPUTER FILE:
 C:\WORK\2017\0719\BISMARCK HIGH SCHOOL PARKING LOT.DWG

SHEET
 C2.0