

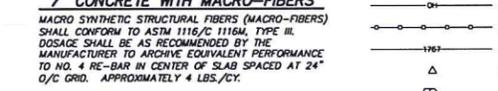
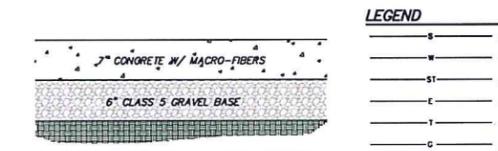
- PAVEMENT**
- (P1) ON SITE EXTERIOR CONCRETE MATERIALS AND CONSTRUCTION MATERIALS SHALL CONFORM TO CITY OF BISMARCK SPECIFICATIONS EXCEPT AS MODIFIED HEREIN. AIR CONTENT SHALL BE 5% TO 7% STRENGTH AT 28 DAYS SHALL BE 4000 PSI.
  - (P2) CONSTRUCTION JOINTS SHALL BE PLACED TO COINCIDE WITH CONTRACTION JOINT SPACING. CONSTRUCTION JOINTS SHALL BE DOWELED.
  - (P3) JOINT SPACING SHALL BE AS SHOWN. EXCEPT FOR SIDEWALK JOINTS SHALL BE 6 FOOT TYPICAL SPACING.
  - (P4) SUBGRADE PREPARATION SHALL BE REQUIRED UNDER ALL AREAS TO BE PAVED AND SHALL BE 6" THICK AND COMPLY WITH CITY OF BISMARCK SPECIFICATIONS EXCEPT DENSITY SHALL BE 95% OF ASTM D 698.
  - (P5) INSTALL STANDARD CURB AND GUTTER. CITY DETAIL NO. 600-12
  - (P6) INSTALL COMMERCIAL CONCRETE SIDEWALK. CITY DETAIL NO. 600-02 THICKEN SIDEWALK TO 8" AT DRIVEWAY.
  - (P7) INSTALL COMMERCIAL 8" CONCRETE DRIVEWAY. CITY DETAIL NO. 600-10
  - (P8) CONCRETE PARKING LOT PAVEMENT SHALL BE 7 INCH CONCRETE WITH MACRO-FIBERS ON 6 INCHES OF COMPACTED CLASS 5 GRAVEL BASE.

- GRADING**
- 1 ALL EXCAVATION AND EMBANKMENT SHALL BE PER SECTION 202 OF THE CITY OF BISMARCK CONSTRUCTION SPECIFICATIONS.
  - 2 ALL HAULED IN FILL MATERIAL SHALL BE SUITABLE MATERIAL AS DEFINED IN CITY OF BISMARCK SECTION 202.
  - 3 ALL FILL MATERIAL AND OR SUBGRADE PREPARATION SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY WITH A MOISTURE CONTENT FALLING WITHIN PLUS OR MINUS 3 PERCENT OF OPTIMUM AS DETERMINED BY ASTM D698.

- TESTING**
- 1 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TESTING AS PER THE CITY OF BISMARCK SPECIFICATIONS.
  - 2 SOIL COMPACTION TESTS (INCLUDING GRAVEL BASE) SHALL BE TAKEN 1 PER 200 CUBIC YARDS OR 750 SQUARE YARDS (WHICHEVER IS LESS) PER 8 INCH LIFT.
  - 3 CLASS 5 GRAVEL BASE MATERIAL SHALL BE PROOF ROLLED PRIOR TO INSTALLATION OF CONCRETE. ENGINEER SHALL BE NOTIFIED AND PRESENT FOR PROOF ROLLING.
  - 4 CONCRETE TESTS SHALL BE PER SECTION 501-3.4 OF THE CITY OF BISMARCK CONSTRUCTION SPECIFICATIONS. AIR CONTENT AND SLUMP SHALL BE TESTED FROM EACH BATCH AND REPORTED IMMEDIATELY TO THE CONTRACTOR AND ENGINEER. TEST CYLINDERS SHALL BE TAKEN FOR EVERY 75 CY OR EACH DAYS POUR (WHICHEVER IS LESS).

- SURVEYING**
- 1 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURVEYING AND OR CONSTRUCTION STAKING.
  - 2 THE OWNER WILL SET THE PROPERTY CORNERS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PROTECT EXISTING PROPERTY CORNERS THROUGHOUT CONSTRUCTION.

- FENCING NOTES**
- (F1) CAUTION: LOCATE UTILITIES AND WATER SERVICE LINE PRIOR TO INSTALLING FENCE POSTS.
  - (F2) SEE FENCING REQUIREMENTS AND DETAILS ON SHEET C5.0.



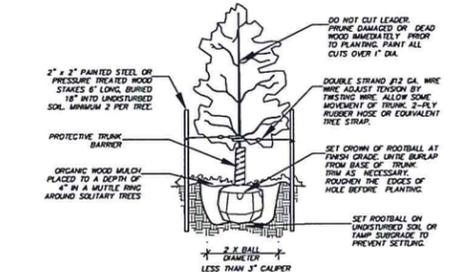
- GENERAL CONSTRUCTION NOTES**
- G1. ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE CITY, STATE AND FEDERAL CODES.
  - G2. ALL SITE CONSTRUCTION SHALL CONFORM TO THE MOST RECENT EDITION OF THE CITY OF BISMARCK CONSTRUCTION SPECIFICATIONS FOR MUNICIPAL PUBLIC WORKS IMPROVEMENTS AS MODIFIED BY THE ATTACHED PLANS.
  - G3. CONTRACTOR MUST BE BONDED BY THE CITY OF BISMARCK FOR ALL CONSTRUCTION IN CITY RIGHT OF WAY OR WHICH CONNECTS TO A CITY UTILITY.
  - G4. CONTRACTOR WILL BE REQUIRED TO OBTAIN ALL NECESSARY PERMITS.
  - G5. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY SAFEGUARDS SUCH AS WARNING SIGNS, BARRICADES & NIGHT LIGHTS AT HIS OWN EXPENSE.
  - G6. 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.
- DIMENSIONS**
- SOUTH LINE:
    - FENCE TO BE LOCATED 7 FEET NORTH OF PROPERTY LINE.
    - CONCRETE PAVEMENT TO BE LOCATED 8 FEET NORTH OF PROPERTY LINE.
  - WEST LINE:
    - FENCE TO BE LOCATED 1 FOOT EAST OF PROPERTY LINE.
    - CONCRETE PAVEMENT TO BE LOCATED 2 FEET EAST OF PROPERTY LINE.
  - NORTH LINE:
    - FENCE TO BE LOCATED TYPICALLY 1 FOOT SOUTH OF PROPERTY LINE.
    - CONCRETE PAVEMENT TO BE LOCATED TYPICALLY 2 FEET SOUTH OF PROPERTY LINE EXCEPT AS SHOWN DIFFERENTLY ON PLAN.
  - EAST LINE:
    - FENCE TO BE LOCATED TYPICALLY 1 FOOT WEST OF PROPERTY LINE.
    - CONCRETE PAVEMENT TO BE TYPICALLY LOCATED 35 FEET WEST OF PROPERTY LINE EXCEPT AS SHOWN DIFFERENTLY ON PLAN.
  - DRIVEWAY TO BE 36 FEET WIDE AT PROPERTY LINE.

- GENERAL LANDSCAPING NOTES**
- 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. ROCK MULCH SHALL CONSIST OF 3" MIN. THICK OF 1" CRUSHED ROCK. LANDSCAPE FABRIC WITH A MINIMUM WEIGHT OF 4 OZ./SQ. Y. 6" COMMERCIAL GRADE BLACK PLASTIC EDGING TO CONTAIN THE ROCK MULCH.
  - L5. 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.
  - L6. SOLITARY TREES DO NOT NEED TO BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND THE TREE IN A MUTTLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.
  - L7. CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFIRMING THE FOLLOWING:
    - FURNISHED TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS, AND HEALTHY CONDITION FOR 365 DAYS MINIMUM FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETED.
- TOPSOIL NOTES**
- T1. THERE IS NO TOPSOIL ON SITE. TOPSOIL WILL HAVE TO BE HAULED IN. 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. 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.

- SEEDING NOTES**
- S1. 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.
  - S2. 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.
  - S3. SEED SHALL BE CLASS II (SUNNY) CITY OF BISMARCK 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 MINGLED INTO THE SOIL.
  - S4. SEED MUST SHOW A DENSITY OF 20 TO 30 SEEDLINGS PER SQUARE FOOT BEFORE ACCEPTANCE WILL OCCUR. THE CONTRACTOR SHALL FURNISH AND REPLACE WITHOUT ADDITIONAL COMPENSATION THEREFORE, 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.
  - S5. 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.
- LANDSCAPING REQUIREMENTS**
- REQUIRED STREET TREES: (SARATOGA AVE ONLY) 3 PER 100 FEET = 9 TREES  
 PROVIDED STREET TREES: 8 TREES (SARATOGA AVE)

**PLANT PALETTE**

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QTY.
AM	AMUR MAPLE	Acer ginnala	1-1/2" Cal.	8



**APPROVED BY FORESTRY**  
 M. Kelly  
 LANDSCAPE 7-11-18  
 DATE

**APPROVED BY PLANNING**  
 M. Kelly  
 PLANNER 7-11-18  
 DATE

REVISIONS

NO.	DATE	DESCRIPTION

**SITE PLAN**  
 U.S. FOODS PARKING LOT  
 BLOCK 2 CARFEL'S 2ND ADDITION  
 BISMARCK, NORTH DAKOTA

**SWENSON, HAGEN & COMPANY P.C.**

1000 Main Avenue  
 Bismarck, North Dakota 58501  
 Phone: (701) 228-2600  
 Fax: (701) 223-2606

Swenson, Hagen & Company  
 Land Planning  
 Civil Engineering  
 Landscape & Site Design  
 Construction Management



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 2018\1-3 B2 US Foods Site Plan.dwg

**SHEET**  
 C3.0

**WARRANTY / DISCLAIMER**  
 The designs represented in these plans are in accordance with applicable provisions of civil engineering. However, neither Swenson, Hagen & Co. nor its personnel can or do warrant, either expressly or impliedly, the accuracy, completeness, or performance of the work. This warranty shall apply continuously and not be limited to normal business hours.

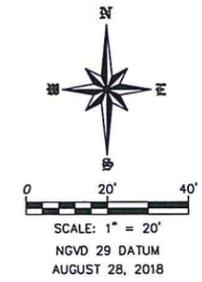
**SAFETY NOTICE TO CONTRACTOR**  
 In accordance with generally accepted construction practices the contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This responsibility shall apply continuously and not be limited to normal business hours.

**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 utilities before commencing work, and agree to be fully responsible for any and all damages which might be determined by the contractor's failure to locate and preserve any and all underground utilities.

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

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**PRELIMINARY-NOT FOR CONSTRUCTION,  
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## SWENSON, HAGEN & CO. P.C.

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civil engineering . surveying . land planning . hydrology  
landscape & site design . construction management

September 10, 2018

City of Bismarck Planning Department  
Will Hutchings  
PO Box 5503  
Bismarck, ND 58506-5503

Re: SP2018-070  
US Foods Parking Lot  
Landscape Waiver Request

Will,

A pre-application meeting for this project was held on August 8<sup>th</sup>, 2018. It was noted at this meeting that a waiver to delay the installation of street trees along Valley Forge Street until a future building is constructed and a waiver to not install perimeter parking lot landscaping would be supported. This is our official waiver request for the above mentioned items.

Thank you for your coordination of this request.

Sincerely,

Cale Wegner, PE