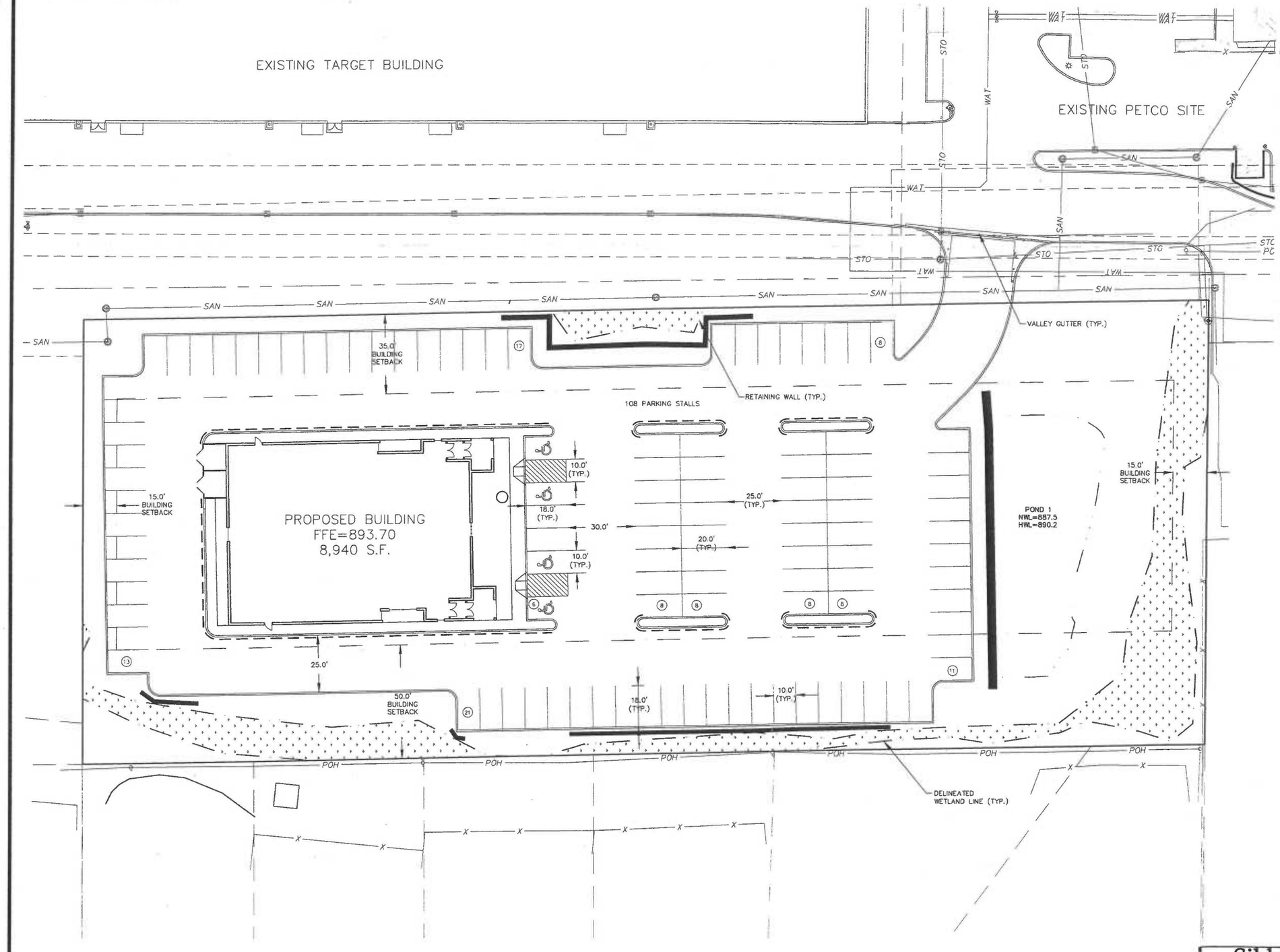
Call 48 Hours before digging:
GOPHER STATE ONE CALL
Twin City Area 651-454-0002
Mn. Toll Free 1-800-252-1166



General Site Notes

A. BACKGROUND SURVEY AND TOPOGRAPHIC INFORMATION FOR THIS PROJECT PROVIDED BY WESTWOOD PROFESSIONAL SERVICES, INC.

B. SITE CONDITIONS AND UTILITY LOCATIONS ARE TO BE FIELD VERIFIED PRIOR TO EXCAVATION/CONSTRUCTION. IF ANY DISCREPANCIES ARE NOTED, THE ENGINEER SHOULD BE IMMEDIATELY NOTIFIED.

C. REFER TO BOUNDARY SURVEY FOR LOT BEARINGS, DIMENSIONS AND AREAS.

D. THE CONTRACTOR IS TO CONTACT GOPHER STATE "ONE CALL" FOR UTILITY LOCATIONS AT 1-800-252-1166 AT LEAST 48 HOURS BEFORE ANY EXCAVATION ON SITE.

E. ALL DIMENSIONS ARE TO FACE OF CURB OR EXTERIOR FACE OF BUILDING UNLESS OTHERWISE NOTED.

F. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND LOCATIONS OF EXITS, RAMPS, AND TRUCK DOCKS.

G. ALL CURB RADII ARE TO BE A MINIMUM OF 3.7 FEET (TO FACE OF CURB) UNLESS OTHERWISE NOTED.

H. BITUMINOUS PAVEMENT AND CONCRETE SECTIONS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

I. CONTRACTOR TO MAINTAIN FULL ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.

J. CONTRACTOR TO COORDINATE THE LOCATION OF "NO PARKING, FIRE LANE" SIGNS WITH THE FIRE MARSHALL.

K. PARKING LOT STRIPING TO BE 4" WIDE COLOR WHITE, TWO COATS OF PAINT.

Site Legend

(66) INDICATES NUMBER OF PARKING STALLS
PAINT STRIPING SHALL CONFORM TO MNDOT STANDARDS

0' 20' 20' 60'

NOT FOR CONSTRUCTION

Date: 09/14/07 Sheet: 3 OF 5
20072527 DISPP01.dwg

Westwood Professional Services, Inc.
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Eden Prairie, MN 55344
PHONE 952-937-5150
FAX 952-937-5822
TOLL FREE 1-888-937-5150
www.westwoodps.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.

Ryan M Edstrom, PE
Date 09/14/07 License No. 45898

Revisions:

Designed: WRW
Checked: RME
Drawn: WRW
Record Drawing by/date

Prepared for:
Sikh Society of Minnesota
6010 Highway 7
St. Louis Park, MN 55416

Sikh Society Of Minnesota
Fridley, MN

Preliminary Site Plan

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Legend

- SF — DENOTES SILT FENCE
- 982 — DENOTES EXISTING CONTOURS
- 982 — DENOTES PROPOSED CONTOURS
- 91.00 x — DENOTES PROPOSED SPOT ELEVATION AT GUTTER LINE (TYP.)
- E.O.F. 85.00 — DENOTES EMERGENCY OVERFLOW
- T-52.0 B-52.0 — DENOTES TOP AND BOTTOM OF RETAINING WALL
- DENOTES FLOW DIRECTION
- DENOTES EXISTING WATER MAIN
- DENOTES PROPOSED WATER MAIN
- DENOTES ROCK CONSTRUCTION ENTRANCE

EXISTING	PROPOSED
SANITARY SEWER	SANITARY SEWER
WATER MAIN	WATER
STORM SEWER	HYD. W/VALVE
	STORM SEWER

Grading Notes

A. Contractors shall refer to architectural plans for exact locations and dimensions of vestibule, sloped pavement, exit porches, ramps, truck docks, precise building dimensions, exact building utility entrance locations, and exact locations and number of downspouts.

B. All disturbed unpaved areas are to receive four inches of topsoil and sod. These areas shall be watered until a healthy stand of grass is obtained.

C. The contractor shall take any precautions necessary to avoid property damage to adjacent properties during the construction phases of this project. The contractor will be held solely responsible for any damages to the adjacent properties occurring during the construction phases of this project.

D. The contractor shall be responsible for providing and maintaining traffic control devices such as barricades, warning signs, directional signs, flagmen and lights to control the movement of traffic where necessary. Placement of these devices shall be approved by the engineer prior to placement. Traffic control devices shall conform to appropriate MNDOT standards.

E. Safety notice to contractors: in accordance with generally accepted construction practices, the contractor will be solely and completely responsible for conditions on 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 working hours. The duty of the engineer or the developer to conduct construction review of the contractor's performance is not intended to include review of the adequacy of the construction site.

F. The site work for this project shall meet or exceed the developer's standard site work specifications.

G. The contractor shall complete the site grading in accordance with the requirements of the owner's geotechnical engineer. All soil testing shall be completed by the owner's geotechnical engineer. The contractor shall be responsible for coordinating all required soil tests and inspections with the geotechnical engineer. The costs of retesting (in case of tests not meeting standards) shall be born by the contractor.

H. All slopes are to be graded to 3:1 or flatter, unless otherwise indicated on this sheet.

I. Building grading hold down is 8 inches. (Confirm with building plans). See geotechnical report for pavement thickness and hold downs.

J. Spot elevations shown indicate finished pavement elevations & gutter flow line unless otherwise noted.

K. Proposed contours represent finished surface grade.

L. Prior to placement of any structure or pavement, a proofroll will be required on the subgrade. Proofrolling shall be accomplished by making minimum of 2 complete passes with fully-loaded tandem-axel dump truck, or approved equal, in each of 2 perpendicular directions while under supervision and direction of the independent testing laboratory. Areas of failure shall be excavated and recompacted as specified herein.

M. Finished grading shall be completed. The contractor shall uniformly grade areas within limits of grading, including adjacent transition areas. Provide a smooth finished surface within specified tolerances, with uniform levels or slopes between points, where elevations are shown, or between such points, and existing grades. Areas that have been finish graded shall be protected from subsequent construction operations.

N. If excess soil material exists after the site grading is completed, the contractor shall dispose of all excess soil material in a manner acceptable to the owner and the regulating agencies involved.

O. See landscape plan for plantings & turf establishment.

P. Final retaining wall design to be prepared by a Registered Structural Engineer.

Q. All construction shall conform to local, State and Federal Rules including the National Pollutant Discharge Elimination System (NPDES) permit requirements.

R. Embankment material placed beneath the building shall be placed and compacted in accordance with the requirements of the geotechnical engineer.

S. Embankment material placed beneath street or parking areas shall be compacted in accordance with the specified density method as outlined in MNDOT 2105.3F1 and the requirements of the geotechnical engineer.

T. Embankment material not placed in the building pad, streets or parking area, shall be compacted in accordance with requirements of the ordinary compaction method as outlined in MNDOT 2105.3F2.

U. All soils and materials testing shall be completed by an independent geotechnical engineer. Excavation for the purpose of removing unstable soils shall be completed as required by the geotechnical engineer. The contractor shall be responsible for coordinating all required soils tests and inspections with the geotechnical engineer.

Erosion Control Notes

A. Silt fence shall be installed around site in all fill areas and locations where storm water runoff may leave the site, prior to any excavation/construction activities.

B. A rock construction entrance shall be installed at all construction entrances.

C. Siltation and erosion control: The contractor shall assume complete responsibility for controlling all siltation and erosion of the project area. The contractor shall use whatever means necessary to control the erosion and siltation including but not limited to catch basin inserts, rock construction entrances, erosion control blankets, and silt fences. Erosion Control shall commence with grading operations and continue throughout the project until acceptance of the work by the owner. The contractor's responsibility includes all implementation as required to prevent erosion and the deposition of silt. The owner may direct the contractor's methods as deemed fit to protect property and improvements. Any deposition of silt or mud on new or existing pavement or in existing storm sewers or swales shall be removed after each rain. Affected areas shall be cleaned to the satisfaction of the owner, all at the expense of the contractor. All temperary erosion control shall be removed by the contractor after the turf is established.

D. Contractor shall install temporary inlet protection (WMCO or equivalent) around all catch basin grate inlets, affected by this construction.

E. All unpaved areas altered due to construction activities must be restored with seed and mulch, sod, erosion control blanket or be hard surface within 2 weeks of completion of construction.

F. For areas with slope of 3:1 or greater, restoration with sod or erosion control blanket is required.

G. Public streets used for hauling shall be kept free of soil and debris. Street sweeping shall be completed daily.

General Utility Notes

A. The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies and limited measurements taken in the field. The information shall not be relied on as being exact or complete. The contractor shall verify existing conditions prior to construction and notify the owner or engineer of discrepancies.

B. The contractor must call the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans. The location of utilities shall be obtained by the contractor by calling Gopher State One Call at 1-800-252-1166.

C. Prior to construction, the contractor shall obtain the necessary federal, state and local permits for the proposed work or verify with the owner or engineer that permits have been obtained. Permit fees shall be the responsibility of the contractor unless otherwise arranged with the owner.

D. Contractor shall refer to architectural plans for exact location and dimensions of doorways, ramps, truck docks, precise building dimensions and exact building utility connection locations.

E. All electric, telephone and gas extensions and other service lines shall be constructed in accordance with the specifications of the appropriate utility company. The contractor shall coordinate the service line construction with the utility companies.

F. All sanitary sewer, storm sewer and water main installations shall be in accordance with the city's requirements and the current building and plumbing code requirements except as modified herein:

1. Water lines and sanitary sewer main shall be inspected and approved by the city. The city shall be notified prior to commencing with the utility construction.

2. Contractor shall not operate, interfere with, connect any pipe or hose to, or tap any water main belonging to the city unless duly authorized to do so by the city. Any adverse consequences of scheduled or unscheduled disruptions of service to the public are to be the liability of the contractor.

3. Water main lengths as shown are approximate horizontal lengths. Allow for additional pipe when installing on slopes or when deflections are required. The joint deflections shall not exceed the maximum recommended by the pipe manufacturer or by local governing specifications. Fittings required to construct water main shall be included in water main construction.

4. All water main shall be poly wrapped as required by city standards.

5. Provide water main thrust restraints per city standard requirements.

6. A minimum vertical separation of 18 inches is required at all water main crossings with sanitary sewer or storm sewer.

7. Sanitary sewer plugs and caps shall be securely installed at the end of service lines to allow for pressure testing of sanitary sewer mains.

8. Utility services typically terminate 5' outside building wall unless otherwise shown or noted.

9. Embankment material placed beneath the building shall be placed and compacted in accordance with the requirements of the geotechnical engineer.

10. Embankment material placed beneath street or parking areas shall be compacted in accordance with the specified density method as outlined in MNDOT 2105.3F1 and the requirements of the geotechnical engineer.

11. Embankment material not placed in the building pad, streets or parking area, shall be compacted in accordance with requirements of the ordinary compaction method as outlined in MNDOT 2105.3F2.

12. Disinfection and pressure testing of water main shall be performed in accordance with the plumbing code requirements and paid for by the contractor under supervision of a representative of the city water department. Contractor shall notify the city a minimum of 24 hours prior to any testing. The completed water mains shall be disinfected for 24 hours with 50 ppm available chlorine. At the end of the disinfection period, the residual shall be at least 10 ppm within the water main. Water main to be pressure tested at 200 psi for 2 hours or the requirements of the city.

G. All materials shall be as specified in city requirements and building plumbing code except as modified herein:

1. All materials shall comply with the requirements of the city.

2. All water lines to be Ductile Iron, Class 52 with 7.5' minimum cover unless noted otherwise. Provide minimum separation of 18" from sanitary sewer & storm sewer. Insulate water main if less than 7.5' of cover.

3. Insulation shall be Dow Styrofoam Hi Brand 35 or equivalent, with 4 inches of thickness.

4. All sanitary sewer pipe to be polyvinyl chloride (PVC) SDR 35 or 26 unless noted otherwise. SDR 26 is required for depths greater than 15 feet. Within 5 feet of building and under footings, pipe shall be pvc schedule 40.

5. Storm sewer pipe shall be reinforced concrete pipe (class 5 unless otherwise noted) with R-4 gaskets, or HDPE storm sewer pipe if allowed by the city. HDPE storm pipe shall meet requirements of AASHTO m294, type S with watertight connections. See plan for locations where RCP is required. Flared end sections shall be RCP with trash guards & rip-rap.

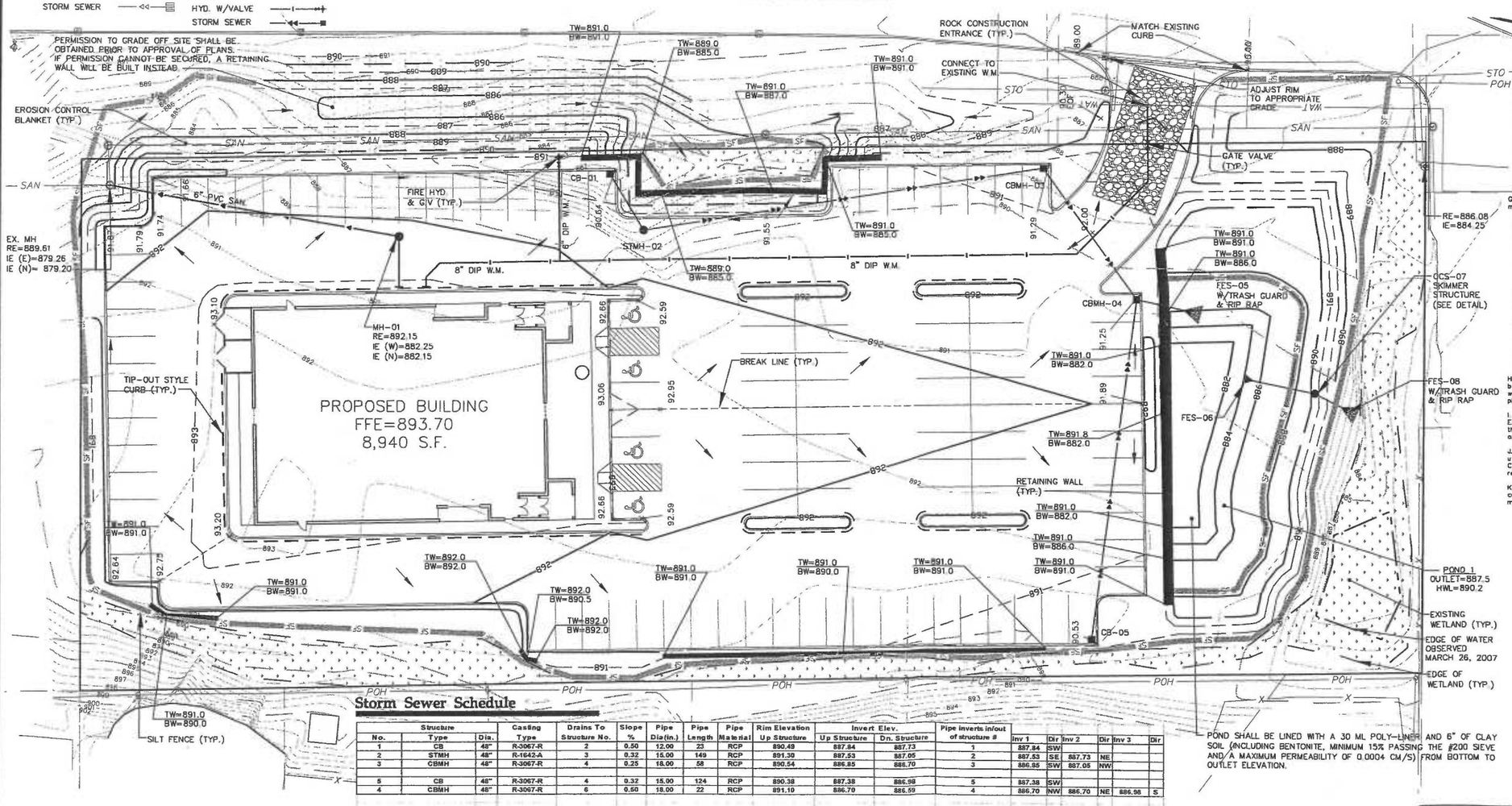
6. Post indicator valves to be Clow f-5750 (or equivalent) meeting AWWA standard c509 and city standards. Valve to be mechanical joint resilient wedge gate valve. Post to be adjustable for 8 feet water main depth. The electrical alarm switch shall be part no. pcvs2 (or equivalent).

H. The contractor shall be responsible for providing and maintaining traffic control devices such as barricades, warning signs, directional signs, flaggers and lights to control the movement of traffic where necessary. Placement of these devices shall be approved by the city and engineer prior to placement. Traffic control devices shall conform to appropriate MNDOT standards.

I. All soils and materials testing shall be completed by an independent geotechnical engineer. Excavation for the purpose of removing unstable or unsuitable soils shall be completed as required by the geotechnical engineer. The contractor shall be responsible for coordinating all required soils tests and inspections with the geotechnical engineer.

J. After construction is completed, the contractor shall provide the owner with an as-built record of utility construction. The as-built shall include location and length deviations or changes to the plan. Contractor to verify with owner or engineer whether a plan with post-construction elevations is required.

K. The contractor shall obtain necessary city permits from the city Engineering Division for the connection to the city water main, sanitary sewer, and storm sewer. Permits must be obtained a minimum of 48 hours before commencing work.



Storm Sewer Schedule

Structure No.	Structure Type	Structure Dia.	Casting Type	Drains To Structure No.	Slope %	Pipe Dia(in.)	Pipe Length	Pipe Material	Rim Elevation Up Structure	Invert Elev. Up Structure	Invert Elev. Dn. Structure	Pipe inverts in/out of structure #	Inv 1	Dir	Inv 2	Dir	Inv 3	Dir
1	CB	48"	R-3067-R	2	0.50	12.00	23	RCP	890.48	887.84	887.73	1	887.84	SW				
2	STMH	48"	R-1642-A	3	0.32	15.00	149	RCP	891.30	887.53	887.05	2	887.53	SE	887.73	NE		
3	CBMH	48"	R-3067-R	4	0.25	18.00	58	RCP	890.54	886.85	886.70	3	886.85	SW	887.05	NW		
5	CB	48"	R-3067-R	4	0.32	15.00	124	RCP	890.38	887.38	886.98	5	887.38	SW				
4	CBMH	48"	R-3067-R	6	0.50	18.00	22	RCP	891.10	886.70	886.59	4	886.70	NW	886.70	NE	886.98	S

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I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.
Ryan M Edstrom, PE
Date: 09/14/07 License No. 45898

Revisions:

Designed: WRW
Checked: RME
Drawn: WRW
Record Drawing by/date:

Prepared for:
Sikh Society of Minnesota
6010 Highway 7
St. Louis Park, MN 55416

Sikh Society Of Minnesota
Fridley, MN

Date: 09/14/07 Sheet: 4 OF 5
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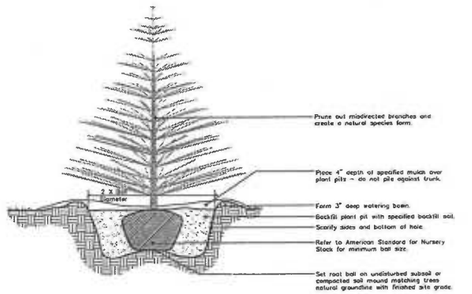
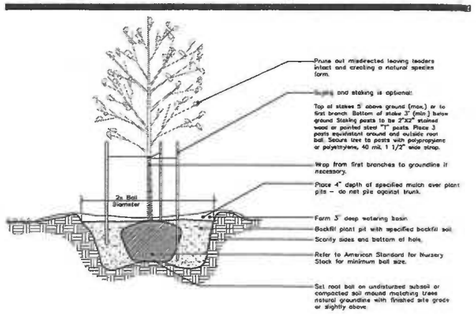
Preliminary
Grading
Erosion Control
& Utility Plan

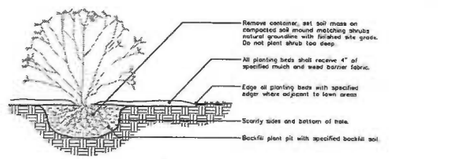
Evergreen Tree Detail



Tree Detail



Shrub Detail



Plant Schedule

CODE	QTY.	SYMBOL	COMMON/BOTANICAL NAME	SIZE	SPACING O.C.
14 OVERSTORY	14	ABM	Autumn Blaze Maple / Acer x freemanii 'Jeffers Red'	2.5" BB	AS SHOWN
22 ORNAMENTAL	14	SSC	Spring Snow Crab / Malus 'Spring Snow'	1.5" BB	AS SHOWN
	8	PRC	Prairie Rose Crab / Malus 'Prairie Rose'	1.5" BB	AS SHOWN
11 EVERGREEN	11	BHS	Black Hills Spruce / Picea glauca densata	6' HT., BB	AS SHOWN
46 SHRUBS	12	ARJ	Arcadia Juniper / Juniperus sabina 'Arcadia'	24" SPRD., POT	4'-0" O.C.
	4	MJJ	Mint Julep Juniper / Juniperus chinensis 'Mintjep'	24" SPRD., POT	4'-0" O.C.
	4	TAY	Taunton Yew / Taxus media 'Taunton'	24" SPRD., POT	4'-0" O.C.
	26	SMS	Snowmound Spirea / Spiraea nipponica 'Snowmound'	24" HT., POT	4'-0" O.C.

NOTE: QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.

Landscape Requirements

Required Per City Code:

1 tree per 15 parking stalls	110 stalls / 15 = 8 trees
1 tree per 50 lf. of site perimeter	1,383 lf / 50 = 28 trees
Total trees Required:	36 (30% min. to be coniferous)

Provided on plan:

Total trees provided on site:	36
Total Overstory trees:	14
Total Coniferous trees:	11
Total Ornamental trees:	11 (22 based on city code 2 to 1 ratio)

Planting Notes

Contractor shall contact Gopher State "One Call" (651-454-0002 or 800-252-1166) to verify locations of all underground utilities prior to installation of any plant or landscape material.

Actual location of plant material is subject to field and site conditions.

No planting will be installed until all grading and construction has been completed in the immediate area.

All substitutions must be approved by the Landscape Architect prior to submission of any bid and/or quote by the Landscape Contractor.

Contractor shall provide one year guarantee of all plant materials. The guarantee begins on the date of the Landscape Architect's or Owner's written acceptance of the initial planting. Replacement plant materials shall also have a one year guarantee commencing upon planting.

All plants to be specimen grade, Minnesota-grown and/or hardy. Specimen grade shall adhere to, but is not limited by, the following standards:
- All plants shall be free from disease, pests, wounds, scars, etc.
- All plants shall be free from noticeable gaps, holes, or deformities.
- All plants shall be free from broken or dead branches.
- All plants shall have heavy, healthy branching and leafing.
- Coniferous trees shall have an established main leader and a height to width ratio of no less than 5:3.

Plants to meet American Standard for Nursery Stock (ANSI Z60.1-2004 or most current version) requirements for size and type specified.

Plants to be installed as per standard ANSI planting practices.

Plants shall be immediately planted upon arrival at site. Properly heel-in materials if necessary; temporary only.

Open top of burlap on BB materials; remove pot on potted plants; split and break apart peat pots.

Prune plants as necessary - per standard nursery practice and to correct poor branching.

Wrap all smooth-barked trees - fasten top and bottom. Remove by April 1st.

Staking of trees optional: reposition, plumb and stake if not plumb after one year.

The need for soil amendments shall be determined upon site soil conditions prior to planting. Landscape Contractor shall notify Landscape Architect for the need of any soil amendments.

Backfill soil to be existing top soil from site free of roots, rocks larger than one inch, subsoil debris, and large weeds.

All shrub planting beds (within sodded areas) shall have weed barrier fabric, 4" of shredded hardwood bark mulch and Valley-View Black Diamond (or equal) poly edging. The edging shall be placed with smooth curves and at least 3' from the centers of evergreen trees. Utilize curbs and sidewalks for edging where possible. Parking lot islands to be sodded with shredded hardwood bark mulch around trees and shrubs.

Four inches of shredded hardwood bark mulch shall be used around all trees within turf areas.

Shredded hardwood bark mulch 4" deep shall be provided in all planting beds adjacent to sidewalks and driveways.

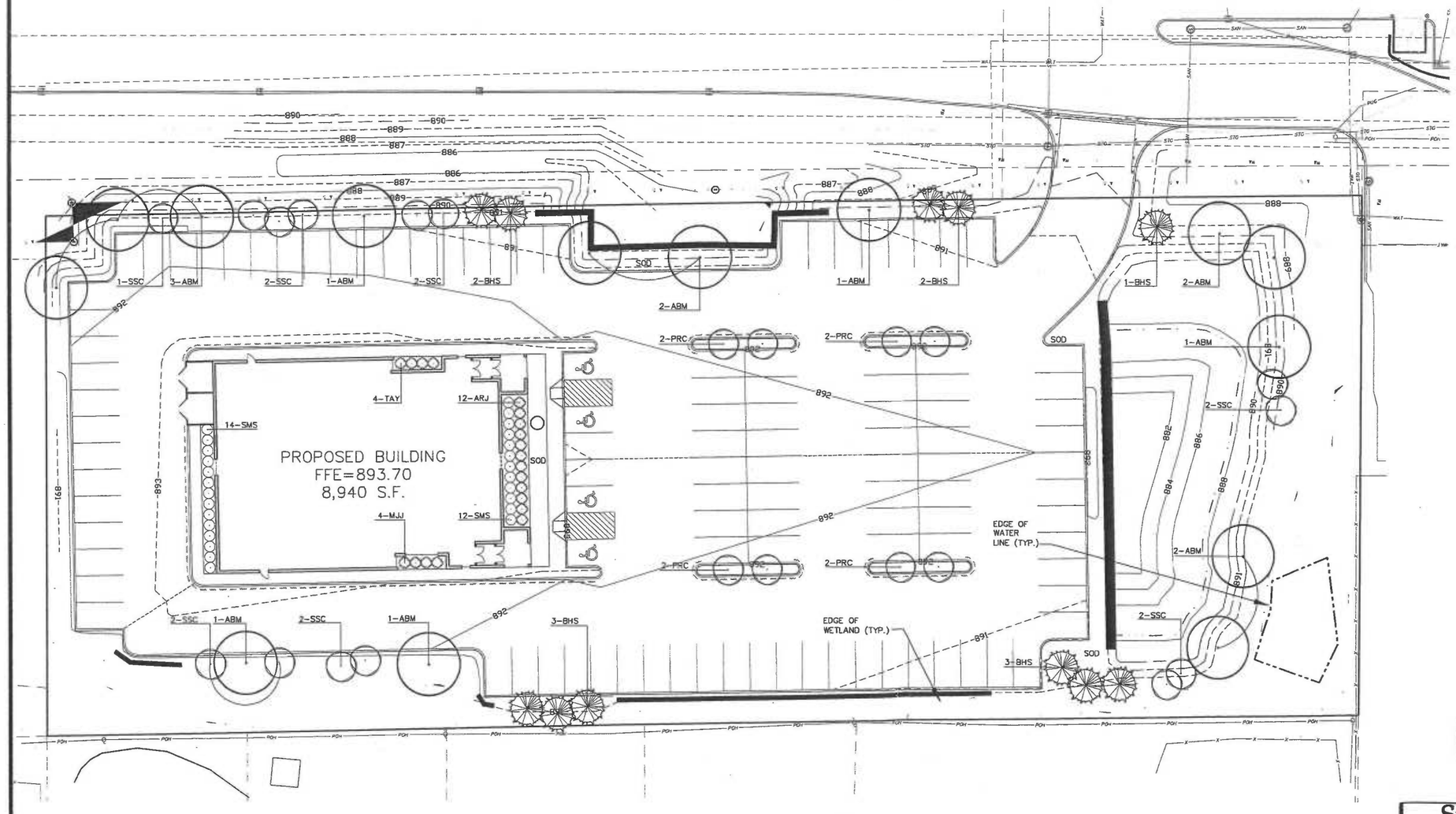
All disturbed areas to be sodded. Sod to be standard Minnesota grown and hardy bluegrass mix. All sod areas shall be prepared with 4" of topsoil and raked to remove debris and ensure drainage. Slopes of 3:1 or greater shall be staked.

Provide irrigation to all planted areas on site. Irrigation will be design/build by Landscape Contractor. All information about installation and scheduling can be obtained from General Contractor.

Contractor shall provide necessary watering of plant materials until the plant is fully established or irrigation system is operational. Owner will not provide water for Contractor.

Repair, replace, or provide sod/seed as required for any roadway boulevard areas adjacent to the site disturbed during construction.

Repair all damage to property from planting operations at no cost to owner.



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Date: 09/14/07 Sheet: 5 OF 5

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I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL LANDSCAPER under the laws of the State of Minnesota.

Edw. J. Hasek
Date 09/14/07 License No. 16454

Revisions:

Designed: CBP
Checked: EJH
Drawn: CBP
Record Drawing by/date:

Prepared for:
Sikh Society of Minnesota
6010 Highway 7
St. Louis Park, MN 55416

Sikh Society Of Minnesota

Fridley, MN

Preliminary Landscape Plan