

GRADING PLAN
0 40' 80'

Call 48 Hours prior to digging.
Gopher State One Call
 Twin Cities Area: 651-454-8388
 Toll-Free: 1-800-252-1166



**ANOKA COUNTY
PARKS AND RECREATION**
 550 BUNKER LAKE BOULEVARD NW
 ANDOVER, MN 55304
 TEL (763) 757-3920
 FAX (763) 755-0230

CONTACT INFORMATION:
 Danielle Sanborn, Landscape Architect
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 Andover, MN 55304
 danielle.sanborn@co.anoka.mn.us
 763.767.2864

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.
Registration: Landscape Architect
State: Minnesota
Number:
Signature: Danielle Sanborn

NO.	DATE	DESCRIPTION

DESIGN PHASE:
DESIGN PLAN

GENERAL PLAN NOTES:

CONTRACTOR IS ADVISED THAT ALL EXISTING SITE DATA, UTILITIES, TOPOGRAPHY, SPOT ELEVATIONS, VEGETATION, ETC HAS BEEN PROVIDED BY THE ANOKA COUNTY SURVEYORS OFFICE AND ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC CONDITIONS PRIOR TO CONSTRUCTION START. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER-LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS. VERIFY ALL LANDSCAPE IMPROVEMENTS WITH REMOVALS AND SITE WORK.

ALL CONSTRUCTION ACTIVITIES SHALL BE IN COMPLIANCE WITH ALL LOCAL ORDINANCES PROVIDED THROUGH THE CITY OF COON RAPIDS.

ALL SITE FEATURES NOT NOTED FOR REMOVAL SHALL BE PROTECTED BY THE CONTRACTOR. ANY DAMAGE WILL BE AT THE CONTRACTORS EXPENSE.

CONTRACTOR SHALL CONTACT GOPHER STATE FOR ALL UTILITY LOCATIONS 48 HRS. PRIOR TO EXCAVATION-CONSTRUCTION.

ALL VEGETATION CLEARING AND GRUBBING PER PLAN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND DISPOSED OF OFFSITE.

CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL AND TREE PROTECTION FENCING THROUGHOUT THE DURATION OF CONSTRUCTION.

A 4' ORANGE CONSTRUCTION FENCE SHALL BE INSTALLED AT THE DRIPLINE OF TREE FOR TREE PROTECTION AS INDICATED PER PLAN AND DETAILS.

AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE, CONTRACTOR SHALL RESTORE ALL VEGETATIVE COVER DISTURBED BY CONSTRUCTION WITH SPECIFIED GROUND COVER PER PLAN DETAILS, AND SPECIFICATIONS, AND SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURES AND TREE PROTECTION FENCING, AFTER APPROVAL OF LANDSCAPE ARCHITECT.

MEET AND MATCH ALL EXISTING GRADES AS INDICATED PER PLAN AND DETAILS.

CONTRACTOR SHALL REVIEW GRADING WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START TO ENSURE PROPER DRAINAGE AND ELEVATION.

CLEAN, NON-CONTAMINATED TOPSOIL FROM COMMON EXCAVATION SHALL BE SALVAGED AND STOCKPILED ON SITE. STOCKPILE LOCATION TO BE DETERMINED ON-SITE WITH CONTRACTOR PRIOR TO CONSTRUCTION START.

PROPOSED GRADES ARE SHOWN TO FINISH GRADE. CONTRACTOR SHALL SUBMIT IN ACCORDANCE WITH PAVEMENT SECTIONS AND PLAN DRAWINGS, DETAILS, AND SPECIFICATIONS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ON-SITE SURVEYING RELATED TO SITE GRADING AND VERIFY ALL GRADES WITH LANDSCAPE ARCHITECT ENGINEER PRIOR TO CONSTRUCTION.

CURB AND GUTTER, BITUMINOUS PATHWAYS, CONCRETE PATHWAYS, AND CONSTRUCTION LIMITS SHALL BE FIELD STAKED BY THE CONTRACTOR.

CONTRACTOR SHALL REVIEW ALL GRADING/SPOT ELEVATIONS WITH LANDSCAPE ARCHITECT ENGINEER PRIOR TO CONSTRUCTION TO ENSURE PROPER DRAINAGE. MAX SLOPES SHALL NOT EXCEED 4:1 SLOPES.

REFER TO LANDSCAPE PLAN FOR TOPSOIL AND RESTORATION REQUIREMENTS FOR ALL AREAS DISTURBED FROM CONSTRUCTION ACTIVITIES.

INSTALLED DRAIN TILE TO BE CAPPED.

CONTRACTOR TO ENSURE INFILTRATION BASINS WILL NOT BE DISTURBED AFTER FINISHED GRADES ARE ESTABLISHED IN INFILTRATION BASINS.

RESTORATION-TURF ESTABLISHMENT

TEMPORARY TURF ESTABLISHMENT SHALL APPLY TO ALL DISTURBED AREAS AND SHALL BE IN ACCORDANCE TO MNDOT 2675, AS MODIFIED. TURF ESTABLISHMENT SHALL OCCUR WITHIN ONE (1) WEEK OF COMPLETING THE GRADE.

COVER CROP TO BE MNDOT 3876, TYPE 110 SEED MIXTURE AT 100 LBS. PER ACRE WITH DRILL SEEDING APPLICATION AND BROADCAST WHERE NEEDED.

TURF SEED TO BE MNDOT 3876 TURF MIX 200, MACHINE BROADCAST PER SPECIFICATIONS

MULCH TO BE MNDOT 3882, TYPE 1, TWO TONS PER ACRE AND DISK ANCHORED IN AREAS THAT DO NOT RECEIVE STRAW ROLLED BLANKET.

FERTILIZER TO BE MNDOT 3881, TYPE 20-10-10 AT 400 LBS. PER ACRE IF APPLIED WITH DRILL SEEDING INSTALLATION.

STRAW ROLLED BLANKET TO BE MNDOT 3885 CATEGORY 1 STRAW/FD IS AND INSTALLED ON ALL DISTURBED AREAS WITH HIGH EROSION CONTROL POTENTIAL DRAINAGE SWALE-DITCH AREAS AND SLOPES GREATER THAN 4:1. (INSTALL PER MANUFACTURERS SPECIFICATIONS).

WOOD FIBER BLANKET TO BE MNDOT 3886 CATEGORY 0 WOOD FIBER OS RD ALONG ALL TRAIL EDGES AND NEAR ALL CONCRETE SIDEWALKS THAT ADJUT SEED AREAS.

SITE PREP:
 HERBICIDE APPLICATION (3-5% GLYPHOSPHATE) JUNE
 MOWING AND REMOVAL OF THATCH 2-3 WEEKS AFTER HERBICIDE APPLICATION
 HERBICIDE APPLICATION (3-5% GLYPHOSPHATE) SEPTEMBER

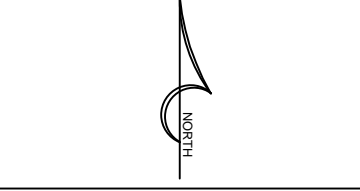
SEED PLANTING:
 HYDROSEEDING WILL REQUIRE SITE TO BE BURNT OR TILLED TO REMOVE REMAINING SURFACE VEGETATION/THATCH. SEEDING AT A RATE OF 10-15 LBS PLS/ACRE GRASSES, 3-5 LBS PLS/ACRE FORBS LATE OCTOBER/EARLY NOVEMBER

PLAN LEGEND

- PROPOSED CONTOURS
- - - EXISTING CONTOURS
- INFILTRATION BASIN
- 6" DRAIN TILE
- ▨ CAT. 0 EROSION CONTROL BLANKET
- ▩ CAT. 2 EROSION CONTROL BLANKET
- FLOATING SILT CURTAIN
- SOIL BORING

BOAT LAUNCH CONSTRUCTION
ANOKA COUNTY PARKS AND RECREATION
MISSISSIPPI WEST REGIONAL PARK
 7560 139TH LANE NW, RAMSEY, MINNESOTA 55303

DATE: JUNE 22ND, 2011
 DESIGNED BY: DDS
 DRAWN BY: DDS
 CHECKED BY: DDS



TITLE
GRADING, DRAINAGE & EROSION CONTROL