GARY NEW DULUTH RECREATION CENTER IMPROVEMENTS
WEST CARTERETT STREET AND 101ST AVENUE WEST
DULUTH, MN

VICINITY MAP

CONTACT LIST

OWNER
CITY OF DULUTH
PROPERTY AND FACILITIES MANAGEMENT
1502 W. MICHIGAN STREET
DULUTH, MN 55806
CITY CONTACT
TEL. (218) 681-5150 FAX (218) 733-1418
HWW@Duluthmn.gov
ROB HURL

MANAGING PARTNER
GARY NEW DULUTH
DEVELOPMENT ALLIANCE
2801 WEST SUPERIOR STREET SUITE 2
DULUTH, MN 55802
TEL. (218) 223-1849
PROJECT CONTACT
GNDVELOPMENTALLIANCE@GMAIL.COM
MARK BOREN

LANDSCAPE ARCHITECT
SAS+ASSOCIATES
219 WEST FIRST STREET, SUITE 350
DULUTH, MN 55802
TEL. (218) 722-1953 FAX (218) 722-0027
EMAIL@SASLANDARCH.COM
LUKE SYDOW

CONSTRUCTION COORDINATOR
KRAUS ANDERSON
2116 ONEONTA STREET DULUTH, MN 55807
PROJECT CONTACT
TEL. (218) 722-8778 FAX(218) 722-8776
GREG@KRAUSANDERSON.COM
GREG SCHEUER

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THESE DESIGN DRAWINGS WERE FUNDED IN PART BY THE COASTAL ZONE MANAGEMENT ACT OF 1972, AS AMENDED BY NOA'S OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT, IN CONJUNCTION WITH MINNESOTA'S LAKE SUPERIOR COASTAL PROGRAM.

The GND Development Alliance, a 501 (c) 3 non-profit, initiated a project to revitalize and transform the Gary New Duluth Recreation Area into a fully functioning community center and recreation area. The project has progressed to the point where it is a shared project with the strong support of the City of Duluth. Strong private sector support in the form of below market value bid is necessary to ensure success. Bidders will get the 10% deduction that you state to your bid when you make your bid.

The 10% deduction is applicable to every bid that you make your bid.

For more information, contact KRAUS ANDERSON at (218) 722-8778.
NOTES:
1) CONTACT OWNER PRIOR TO CALL PRIOR TO CONSTRUCTION.
2) PERMIT ALL PORTIONS OF THE PROJECT FOR SAFETY, WITH A "D" ORANGE SHANK FENCE. MARK CONSTRUCTION AND BUILDING ENTRY POINTS.
3) REMOVE FENCING AND SETTLEMENTS BEFORE CONSTRUCTION.
4) PERMIT ALL TIE IN TO MAIN.
5) PERMIT EXISTING WALLS, FENCE, FOOTING, AND BUILDING FRAME DURING CONSTRUCTION.
6) PERMIT EXISTING FENCE TO MAIN.
7) PROTECT EXISTING FENCE TO MAIN.
8) CONTRACTOR RESPONSIBLE FOR ALL NECESSARY PERMITS AND INSPECTIONS.

GARY NEW DULUTH COMMUNITY CENTER AND RECREATION AREA

REMOVALS PLAN

Scale

Date

Lineman

Designer

Check

Sheet

1334.0

Di.1
NOTE:
CURBING AND SIDEWALK ARE FOR REFERENCE ONLY.
NOT IN THIS CONTRACT (NRC)
SITE CONSTRUCTION NOTES:

1. EXISTING PLAN FROM SITE SURVEY BY THE CITY OF DULUTH, MN. VERIFY EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE PROJECT MANAGER IMMEDIATELY.

2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ANY UTILITIES. CALL GOPHER ONE AT 1.800.252.1166.

3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION AND ON-GOING MAINTENANCE OF STORM WATER AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP) AND COMPLIANCE WITH ALL STATE OF MINNESOTA AND CITY OF HERMANTOWN EROSION AND SEDIMENT CONTROL REGULATIONS. THIS CONTRACTOR SHALL CONDUCT THEIR WORK IN A MANNER TO LIMIT EROSION AND TO PRESERVE THE EROSION AND SEDIMENT CONTROL BMP MEASURES. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RE-ESTABLISHMENT AND RESTORATION THAT MAY BE NECESSARY DUE TO THEIR FAILURE TO CONDUCT THEIR WORK IN A CAREFUL RESPONSIBLE MANNER.

4. PERIMETER SEDIMENT BMP'S SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION ACTIVITY. STORM INLET PROTECTION SHALL BE MAINTAINED ON ALL STORM DRAINAGE STRUCTURES.

5. ALL EROSION AND SEDIMENT CONTROL BMP'S SHALL REMAIN IN PLACE AND BE MAINTAINED AS OPERATIONAL UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED AND ALL PAVING IS COMPLETE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL PROTECTION ITEMS FROM THE SITE AT THE COMPLETION OF THE PROJECT.

6. ALL HORIZONTAL AND VERTICAL CONTROL POINTS SHALL BE ESTABLISHED AND MAINTAINED BY THE GENERAL CONTRACTOR.

7. ALL GRADES AND ELEVATIONS SHOWN ARE FINISHED GRADES AND ELEVATIONS.

8. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION WITH TOPSOIL AND PLANTING BEDS/SOD/SEED/MULCH AS SPECIFIED AND INDICATED ON PLANS.

9. ALL GRADES SHALL SLOPE AWAY FROM THE BUILDING AT A 2% MINIMUM SLOPE.

10. ALL SIDEWALKS, CURB RAMPS, AND OTHER SITE ELEMENTS MUST CONFORM TO THE STATE OF MINNESOTA ACCESS CODES AND STANDARDS, AND WITH FEDERAL ADA GUIDELINES.

11. IN THE EVENT OF A DISCREPANCY WITH PLANT QUANTITIES, THE PLAN, NOT THE PLANT LIST SHALL GOVERN THE REQUIRED QUANTITIES.

12. COORDINATE ALL WORK BETWEEN TRADES. NOTIFY THE PROJECT MANAGER IMMEDIATELY OF ANY CONFLICT THAT AFFECTS THIS SITE WORK.

13. CONTRACTOR TO PROVIDE IRRIGATION SHOP DRAWINGS FOR APPROVAL PRIOR TO BEGINNING WORK.

14. ALL CONCRETE SHALL BE A MINIMUM 4000 PSI WITH FIBERMESH REINFORCEMENT.

15. PROTECT ALL FENCING THAT MAY BE SALVAGED AND REUSED. PROPERLY DISPOSE OF ALL UNUSABLE FENCING MATERIALS.

16. CONTRACTOR TO OBTAIN CITY PERMITS AND APPROVALS PRIOR TO BEGINNING WORK.

17. CONTRACTOR TO OBTAIN APPROPRIATE DESIGN PROFESSIONALS STAMP FOR ASSOCIATED WORK.

18. PROTECT BACKSTOP DURING CONSTRUCTION.

19. ADD FENCING TO BACKSTOP AS MENTIONED IN SECTION.
RESPONSIBILITIES

As the project owner and contractor, we have the completed project and are responsible for the inspection and record requirements. The construction and maintenance team are responsible for the inspection and record requirements. The project owner and contractor shall be responsible for the inspection and record requirements.

REQUIREMENTS

The project owner and contractor shall be responsible for the inspection and record requirements. The inspection and record requirements shall be completed by the contractor.

INSPECTION AND RECORD RETENTION

The inspection and record requirements shall be completed by the contractor. The inspection and record requirements shall be completed by the contractor. The inspection and record requirements shall be completed by the contractor.
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
For Construction Activities
DATE: 5-12-15

ROCK CONSTRUCTION ENTRANCE

SEQUENCE OF CONSTRUCTION

1. Contractor to ensure that all prep work is completed.
2. Contractor to schedule full fencing and prepping.
3. Contractor to install all pre-construction control measures and prepare for construction.
4. Contractor to construct stormwater and/or temporary detention areas.
5. Contractor to contact the City for approval of initial control.
6. Contractor to ensure stormwater and rainfall control.
7. Contractor to ensure stormwater and rainfall control during construction.
8. Contractor to ensure stormwater and rainfall control.
9. Contractor to ensure stormwater and rainfall control.
10. Contractor to ensure stormwater and rainfall control.
11. Contractor to ensure stormwater and rainfall control.
12. Contractor to ensure stormwater and rainfall control.
13. Contractor to ensure stormwater and rainfall control.

DANDY BAG PROTECTION

SILT FENCE

TREE PROTECTION

SLOPE PROTECTION
SITE CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MIGHT BE CAUSED BY THE CONTRACTOR’S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

2. GENERAL CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMP’S) AND COMPLIANCE WITH ALL STATE OF MINNESOTA AND CITY SEDIMENT CONTROL REQUIREMENTS.

3. PERIMETER SEDIMENT BMP’S SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION ACTIVITY. STORM INLET PROTECTION SHALL BE MAINTAINED ON ALL STORM DRAINAGE STRUCTURES.

4. ALL EROSION CONTROL AND SEDIMENT BMP’S SHALL REMAIN IN PLACE AND BE MAINTAINED AS OPERATIONAL UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED AND ALL PAVING IS COMPLETE. CONTRACTOR TO REMOVE ALL EROSION CONTROL PROTECTION ITEMS (SILT FENCE, HAY BALES, ETC.) FROM SITE AT THE COMPLETION OF THE PROJECT.

5. ALL HORIZONTAL AND VERTICAL CONTROL AND LAYOUT TO BE ESTABLISHED AND MAINTAINED BY THE GENERAL CONTRACTOR UNDER THIS CONTRACT.

6. ALL GRADES AND ELEVATIONS SHOWN ARE FINISHED GRADES AND ELEVATIONS.

7. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION WITH TOPSOIL AND SOD AS SPECIFIED AND INDICATED ON PLANS.

8. ALL CONCRETE TO BE 4000 PSI CONCRETE WITH FIBER MESH REINFORCEMENT.

9. ALL CONSTRUCTION TO CONFORM WITH CURRENT ADA, IBC, AND LOCAL BUILDING CODES.

10. CONTRACTOR TO COMPLY WITH ALL MANUFACTURER’S CONSTRUCTION STANDARDS/RECOMMENDATIONS FOR PLAYGROUND INSTALLATION.

11. INSTALL PLAY EQUIPMENT PER MANUFACTURERS SPECIFICATIONS

12. COORDINATE DRAIN LOCATIONS WITH PLAY STRUCTURE POST LOCATIONS

13. NOTIFY LANDSCAPE ARCHITECT IN DISCREPANCIES FROM EXISTING CONDITIONS OCCUR.
4" LATERAL DRAIN WITH SLEEVE 15' O.C.

COMPACTED SUBGRADE SLOPE TO DRAIN 2% MIN/MAX

MODIFIED SOIL 10" DEPTH MIN.

SOD

14" SAND 100% PASSING #10 SIEVE

6" DRAIN COLLECTOR TO DAYLIGHT INTO SWALE 4" LATERAL DRAIN WITH SLEEVE 15" O.C.

COMPACTED SUBGRADE

+ NOTE: SEATING AREA TO RECEIVE 4" OF MODIFIED SOIL AND 8" OF SAND PASSING THROUGH A #10 SIEVE.

SURE-HOP GRADE AA INFIELD MIX PLACE IN 2 LIFTS INSTALL PER MANUFACTURERS INSTRUCTIONS

6" COMPACTED GRAVEL

LANDSCAPE FABRIC

NOTE: SKATING AREA TO RECEIVE 4" OF MODIFIED SOIL AND 8" OF SAND PASSING THROUGH A #10 SIEVE.

*14" SAND 100% PASSING #10 SIEVE
2" O.D. SCHEDULE 40 STEEL PIPE
WITH CONTINUOUS BEND

5" DIA. BOLT PLATE

NOTES:
1. BIKE RACK BY OTHERS
2. INVERTED-U BIKE RACKS SHALL BE GALVANIZED AS PROVIDED BY MANUFACTURER.

CONTROL JOINT 1/4 DEPTH OF CONCRETE, 1/4" WIDE WHERE SHOWN ON PLAN

CONCRETE WITH MEDIUM BROOM FINISH

COMPACTED AGGREGATE BASE

UNDISTURBED SOIL

SURFACE CORE AND CAP

CONCRETE FILLED, PAINTED YELLOW

6" O.D. 20' STEEL BOLLARD

SPACE BOLLARDS NO MORE THAN 4'-0" O.C.

CONCRETE FILLED, PAINTED YELLOW

6" O.D. 3/8" STEEL BOLLARD

COMPACTED AGGREGATE BASE

UNDISTURBED SOIL

COMPACTED AGGREGATE BASE

CONCRETE CORE AND CAP

SSHLE TO DRAIN

SLOPE TO DRAIN

COMPACTED AGGREGATE BASE

NOTE: EXPANSION JOINT DETAIL TYPE.
ELEVATION VIEWS — STRUCTURE DESIGN

FRAME VIEWS — STRUCTURE DESIGN

NOTE: CONTRACTOR IS RESPONSIBLE FOR PROVIDING SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO ORDERING. THE CONTRACTOR/ SUPPLIER IS ALSO RESPONSIBLE FOR OBTAINING A STRUCTURAL ENGINEER'S STAMP FOR THE SPECIFIED PRODUCT.

AVAILBLE THROUGH:
NORTHLAND RECREATION
WWW.NORTHLANDREC.COM
PHONE: 651-815-4097
CONTACT: BILL JOHNSON

NOTE: SUBSTITUTES MUST BE OF EQUAL DESIGN AND QUALITY AS THE SHOWN PRODUCT. PROVIDE PLANS, DETAILS AND SPECIFICATIONS TO LANDSCAPE ARCHITECT FOR REVIEW AND PRIOR APPROVAL FOR ACCEPTANCE OF ANY OTHER PRODUCT.
NOTE: CONTRACTOR IS RESPONSIBLE FOR PROVIDING SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO ORDERING. THE CONTRACTOR/SUPPLIER IS ALSO RESPONSIBLE FOR OBTAINING A STRUCTURAL ENGINEER STAMP FOR THE SPECIFIED PRODUCT.

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NOTE: SUBSTITUTES MUST BE OF EQUAL DESIGN AND QUALITY AS THE SHOWN PRODUCT. PROVIDE PLANS, DETAILS AND SPECIFICATIONS TO LANDSCAPE ARCHITECT FOR REVIEW AND PRIOR APPROVAL FOR ACCEPTANCE OF ANY OTHER PRODUCT.
1. ELEVATION VIEWS - 10' STRUCTURE DESIGN

2. FRAME VIEWS - 10' STRUCTURE DESIGN

3. COLUMN LAYOUT - 10' STRUCTURE

4. BASEPLATE DESIGN INFORMATION - 10' STRUCTURE

5. ELECTRICAL ACCESS INFORMATION - 10' STRUCTURE

NOTE: THE DESIGN DETAILS FOR THE 10' STRUCTURE ARE PRELIMINARY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO BIDDING. THE CONTRACTOR/SUPPLIER IS ALSO RESPONSIBLE FOR OBTAINING A STRUCTURAL ENGINEER'S STAMP FOR THE SPECIFIED PRODUCT.

NOTE: SUBSTITUTES MUST BE OF EQUAL DESIGN AND QUALITY AS THE SHOWN PRODUCT. PROVIDE PLANS, DETAILS AND SPECIFICATIONS TO LANDSCAPE ARCHITECT FOR REVIEW AND PRIOR APPROVAL FOR ACCEPTANCE OF ANY OTHER PRODUCT.
1) Supply and install weed control fabric below all shredded hardwood mulch. Perennial and ground cover beds do not receive weed control fabric.
2) Mulch is to be 4" shredded hardwood mulch, submit sample for approval.
3) All shrubs to be a minimum of 3'-0" from all walks or curbs (measured from the center of the plant).
4) In addition to the plants shown in the plant list, there will be 10 extra deciduous and 10 extra evergreen shrubs to be selected and located by the landscape architect at the time of planting.
5) Erosion control netting will be used on all slopes greater than 3:1.
6) Soil amendments to be spread evenly over area at a rate of 4 CY/1,000 SF and mixed thoroughly into soil surface.
7) With prior approval of the landscape architect topsoil may be stockpiled and re-used.
8) Verify existing conditions and report any discrepancies to the landscape architect immediately. The contractor shall determine the extent of all existing utilities before commencing work. The contractor agrees to be fully responsible for any and all damage.
9) General contractor is responsible for implementation of prevention of sediment and compliance with all state of Minnesota sediment control requirements.
10) Perimeter sediment BMP's shall be implemented prior to the start of construction activity. Storm inlet protection shall be maintained on all storm drainage structures.
11) All erosion control and sediment BMP's shall remain in place and be maintained as operational until permanent vegetative cover is established and all paving is complete. Contractor to remove all erosion control protection items (fence, hay bales, etc).
12) All horizontal and vertical control and layout to be established and maintained by the general contractor under this contract.
13) All grades and elevations shown are finished grades and elevations.
14) All grades shall be sloped to drain away from buildings at 2% minimum slope.
15) In the event of a discrepancy with plant quantities, the plan, not the plant list, shall govern the required quantities. Coordinate all work between trades and notify the project manager of any conflicts and discrepancies immediately that affect this site work.
16) The contractor shall maintain a clean site at all times and shall be responsible for removing trash and construction debris from the site on a daily basis. The tracking of soil onto adjoining roadways, walks, and parking areas shall not be allowed.
17) Add 3" of select topsoil to areas to receive sod. Till topsoil into existing soils to a depth of 4" prior to placement of topsoil. Remove all stones measuring more than 1" sticks and other debris from areas to receive sod.
18) Planting soil backfill shall be comprised of 50% native soil thoroughly mixed with 50% topsoil.
19) Contractor to apply for all necessary permits to work within the public right of way.