

**OWNER**  
MINNESOTA SPORTS FACILITIES AUTHORITY  
900 SOUTH 5th STREET, MINNEAPOLIS, MN 55415

**ARCHITECT / INTERIORS / BRANDING**  
HKS, INC.  
3901 ST. PAUL ST., SUITE 100, DALLAS, TX 75201

**ASSOCIATE ARCHITECT - SKIN**  
STUDIO FIVE ARCHITECTS  
322 FIRST AVE. N. SUITE 600, MINNEAPOLIS, MN 55401

**ASSOCIATE ARCHITECT - INTERIORS**  
STUDIO FIVE ARCHITECTS  
322 FIRST AVE. N. SUITE 228, MINNEAPOLIS, MN 55401

**MEP / TECHNOLOGY / LIGHTING**  
M.E. ENGINEERS, INC.  
10555 WEST 43rd AVE., WHEAT RIDGE, CO 80033

**STRUCTURAL ENGINEER**  
THORNTON TOMASETTI  
12750 MERIT DR., SUITE 750, LB-7, DALLAS, TX 75251

**CIVIL ENGINEER**  
EVS, INC.  
10225 VALLEY VIEW, SUITE 123, EDEN PRAIRIE, MN 55424

**LANDSCAPE ARCHITECT**  
OSLUND AND ASSOCIATES  
1155 WASHINGTON AVE. N., MINNEAPOLIS, MN 55401

**AUDIO VISUAL CONSULTANTS**  
ACUSTIC DIMENSIONS  
1508 WRIGHT BROTHERS DR., DALLAS, TX 75001

**WJHW**  
4801 SPRING VALLEY RD., DALLAS, TX 75244

**CODE / FIRE PROTECTION**  
FSC, INC.  
6225 INDIAN CREEK, SUITE 300, OVERLAND PARK, KS 66210

**FOOD SERVICE**  
RICCA NEWMARK  
5235 SOUTH VALENTIA, GREENWOOD VLG, CO 80111

**WAFINDING**  
ELEVATOR ADVISORY GROUP  
432 CULVER BLVD., PLAYA DEL REY, CA 90293

**VERTICAL TRANSPORTATION**  
14300 PENNSCOCK AVE., SAINT PAUL, MN 55124

**ADA CONSULTANT**  
ED ROTHER CONSULTING, LLC  
2590 MISSOURI BELLEVUE, LOUISBURG, KS 66663

**WIND / SNOW CONSULTANT**  
ROWAN WILLIAMS, DAVIES, AND IRWIN, INC.  
600 WOODLAWN RD., GUELPH, ON CANADA N1K 1B8

**BUILDING ENVELOPE CONSULTANT**  
THORNTON TOMASETTI - BUILDING SKIN PRACTICE  
300 N. WABASH AVE., SUITE 1500, CHICAGO, IL 60611

**FAÇADE ACCESS CONSULTANT**  
SERCH BATES, INC.  
8089 LINCOLN ST., SUITE 105, LITTLETON, CO 80122

**GENERAL NOTES:**

- ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
- ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLLUMS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH ENGINEER AND ARCHITECT PRIOR TO INSTALLATION. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT.
- ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.
- CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
- ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.
- ALL UNDERGROUND MEDIUM VOLTAGE CONDUITS SHALL BE 5" UNLESS OTHERWISE NOTED.

**KEYNOTES:**

- PROVIDE CONNECTION TO OVERHEAD DOOR, UP/DOWNSTOP OF CONTROLLER, AND ALL ASSOCIATED CONTROL WIRING.
- PROVIDE AND INSTALL 30A/3P DISCONNECT WITH 40A FRS-R FUSES FOR CONNECTION TO RETRACTABLE SEATING. PROVIDE ALL ASSOCIATED CONTROL POWER AND CONNECTIONS PER MANUFACTURER.
- CONNECTION TO PUMP CONTROL POWER.
- REFERENCE E7 SERIES DRAWINGS FOR FOOD SERVICE SPACE DESIGNATION AND ENLARGED ELECTRICAL LAYOUTS.
- REFER TO ARCHITECTURAL ELEVATIONS FOR TV POWER LOCATION.
- DEDICATED BRANCH CIRCUIT(S) FOR PIT (GFCI RECEPTACLE) AND LIGHTING. LIGHTING FIXTURES SHALL NOT BE CONNECTED TO THE LOAD SIDE OF THE GFCI DEVICE NOR SHALL THE RECEPTACLE BE SWITCHED.
- PROVIDE CONNECTION TO ELECTRIC DOOR HARDWARE. INTERCONNECT WITH FIREALARM SYSTEM.
- PROVIDE CONNECTION TO VAV CONTROLS. COORDINATE EXACT LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALL.
- PROVIDE AND INSTALL 30A/3P DISCONNECT WITH 50A FRS-R FUSES FOR FREIGHT ELEVATOR DOOR CONTROL POWER. COORDINATE LOCATION WITH ELEVATOR CONTRACTOR PRIOR TO INSTALL.



**PROFESSIONAL ENGINEER**  
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 Professional Engineer under the laws of the State of Minnesota.

Print Name: E. Becker  
Signature: E. Becker  
Date: 08/11/14 License # 25684

**KEY PLAN**

10	11	12	1
9	16	13	2
8	15	14	3
7	6	5	4

**REVISION**

NO.	DESCRIPTION	DATE
1	CCD-078	06/13/2014
2	CCD-088	06/27/2014
3	CCD-093	07/02/2014
4	CCD-105	07/25/2014
5	ASI-106	07/25/2014
6	CCD - 150	12/19/2014
7	ASI - 173	2/6/2015
8	ASI-194	03/06/2015
9	ASI - 188	03/06/2015
10	ASI-204	08/14/2015

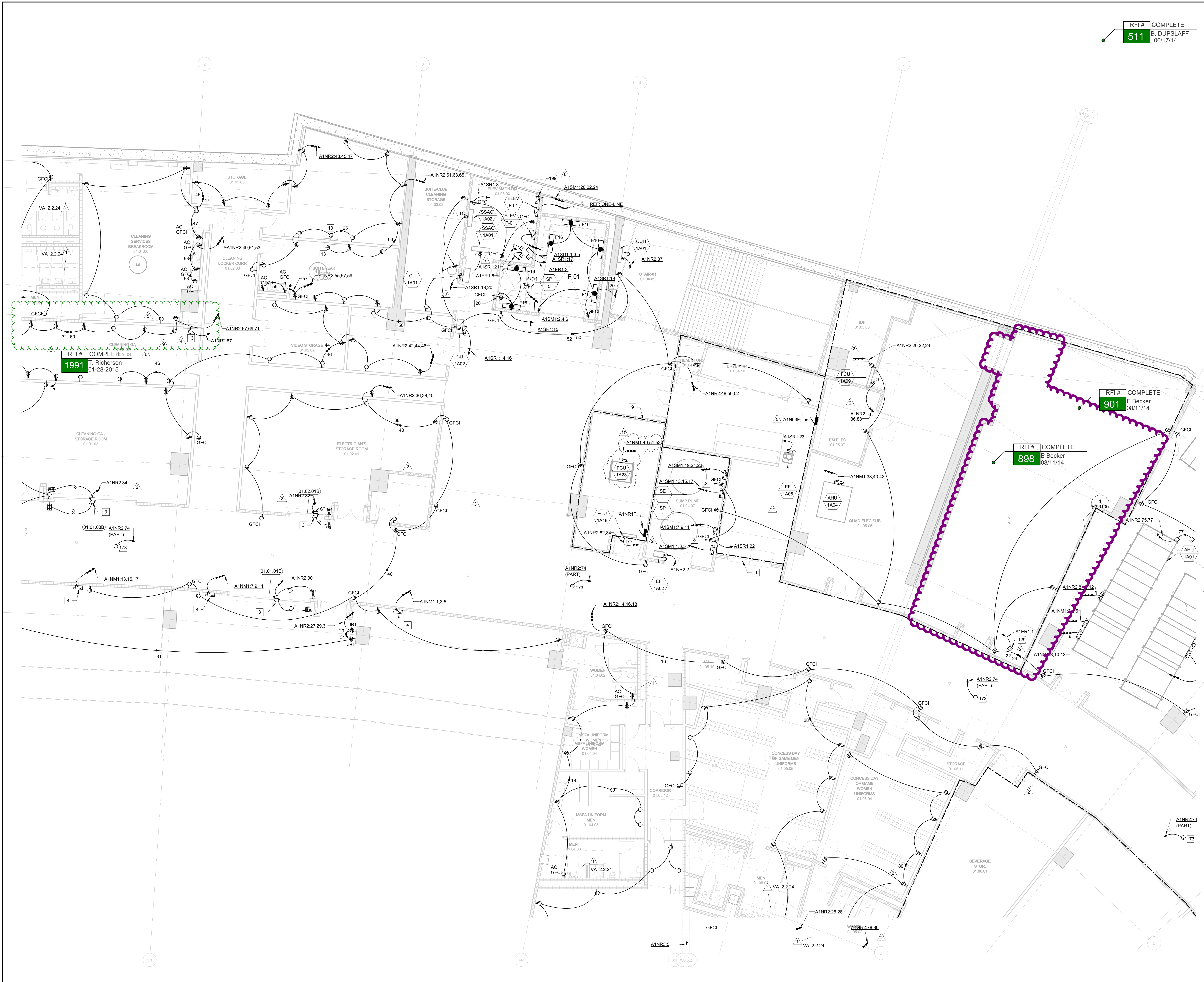
HKS PROJECT NUMBER  
**16246.000**

DATE  
**MAY 2, 2014**

ISSUE  
**CCD-060**

SHEET TITLE  
**EVENT LEVEL ELECTRICAL - SECTOR 12**

SHEET NO.  
**E2.0112**



RFI # COMPLETE  
**1991**  
T. Richerson  
01-28-2015

RFI # COMPLETE  
**901**  
E. Becker  
08/11/14

RFI # COMPLETE  
**898**  
E. Becker  
08/11/14

**1** EVENT LEVEL ELECTRICAL - SECTOR 12  
1/8" = 1'-0"

PLOT DATE: 8/20/15 4:49:22 PM TEMPLATE VERSION: 210.20120914