

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

OWNER
MINNESOTA WIKINGS FOOTBALL, LLC
6000 VIKING DR., EDEN PRAIRIE, MN 55344

ARCHITECT / INTERIORS / BRANDING
HKS, INC.
1918 MARINNEY AVENUE, DALLAS, TX 75201

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

MEP / TECHNOLOGY
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.
10250 VALLEY VIEW, SUITE 123, EDEN PRAIRIE, MN 55344

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

AUDIO VISUAL CONSULTANTS
ACOUSTIC DIMENSIONS
15508 WRIGHT BROTHERS DR., ADDISON, TX 75001

HWY
4801 SPRING VALLEY RD., DALLAS, TX 75244

CODE / FIRE PROTECTION
FSC, INC.
9225 INDIAN CREEK, SUITE 300, OVERLAND PARK, KS 66210

FOOD SERVICE
RICCA NEWMARK
5325 SOUTH VALENTIA, GREENWOOD VLG, CO 80111

LIGHTING CONSULTANT
PH DC
1425 DUTCH VALLEY PL., C & D, ATLANTA, GA 30324

WAYFINDING
SELBERT PERKINS DESIGN
432 CULVER BLVD., PLAYA DEL REY, CA 90293

VERTICAL TRANSPORTATION
ELEVATOR ADVISORY GROUP
14530 PENNCOCK AVE., SAINT PAUL, MN 55124

ADA CONSULTANT
ED ROTHER CONSULTING, LLC
22905 MISSION BELLEVUE, LOUISBURG, KS 66603

WIND / SNOW CONSULTANT
ROWAN, WILLIAMS, DAVIES, AND IRWIN, INC.
600 WOODLAWN RD. W., 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
LEITCH BATES, INC.
8089 LINCOLN ST., SUITE 105, LITTLETON, CO 80122

ITEM NO.	QTY	DESCRIPTION	VOLTS	PHASE	AMPS	HP	KW	DIRECT CONNECTION	RECEPTACLE	ELECTRICAL AFF (IN)	ELECTRICAL REMARKS	SCHEDULE NOTES
7	1	Washer/Extractor	120	1	15							
8	1	Dryer	240	1	30			X				
9	3	170 Lb. Dryer	480	3	98			X		12"		1,2,4,6
10	1	Lint Collector	120	1	5			X		48"		2,3,5
14	1	60 Lb. Washer/Extractor	480	3	8		4	X		12"		1,2,5,6
15	2	140 Lb. Washer/Extractor	480	3	8		4	X		12"		1,2,5,6
18	1	Receiving Scale	120	1	4.5			X		12"		

EQUIPMENT SCHEDULE NOTES

- STUB OUT AND MAKE CONNECTION TO EQUIPMENT WITH FLEXIBLE SEALTITE CONDUIT.
- MAKE FINAL CONNECTIONS PER MANUFACTURER'S INSTRUCTIONS.
- PROVIDE 20A, 1P HORSEPOWER RATED TOGGLE SWITCH FOR DISCONNECTING MEANS.
- PROVIDE 600V 125/3 CIRCUIT BREAKER DISCONNECT SWITCH, VERIFY LOCATION WITH LAUNDRY EQUIPMENT SUPPLIER.
- PROVIDE 600V 20/3 CIRCUIT BREAKER DISCONNECT SWITCH IN NEMA 4X ENCLOSURE, VERIFY LOCATION WITH LAUNDRY EQUIPMENT SUPPLIER.
- SEE SHEET E7.0101 FOR PANELBOARD LOCATION.

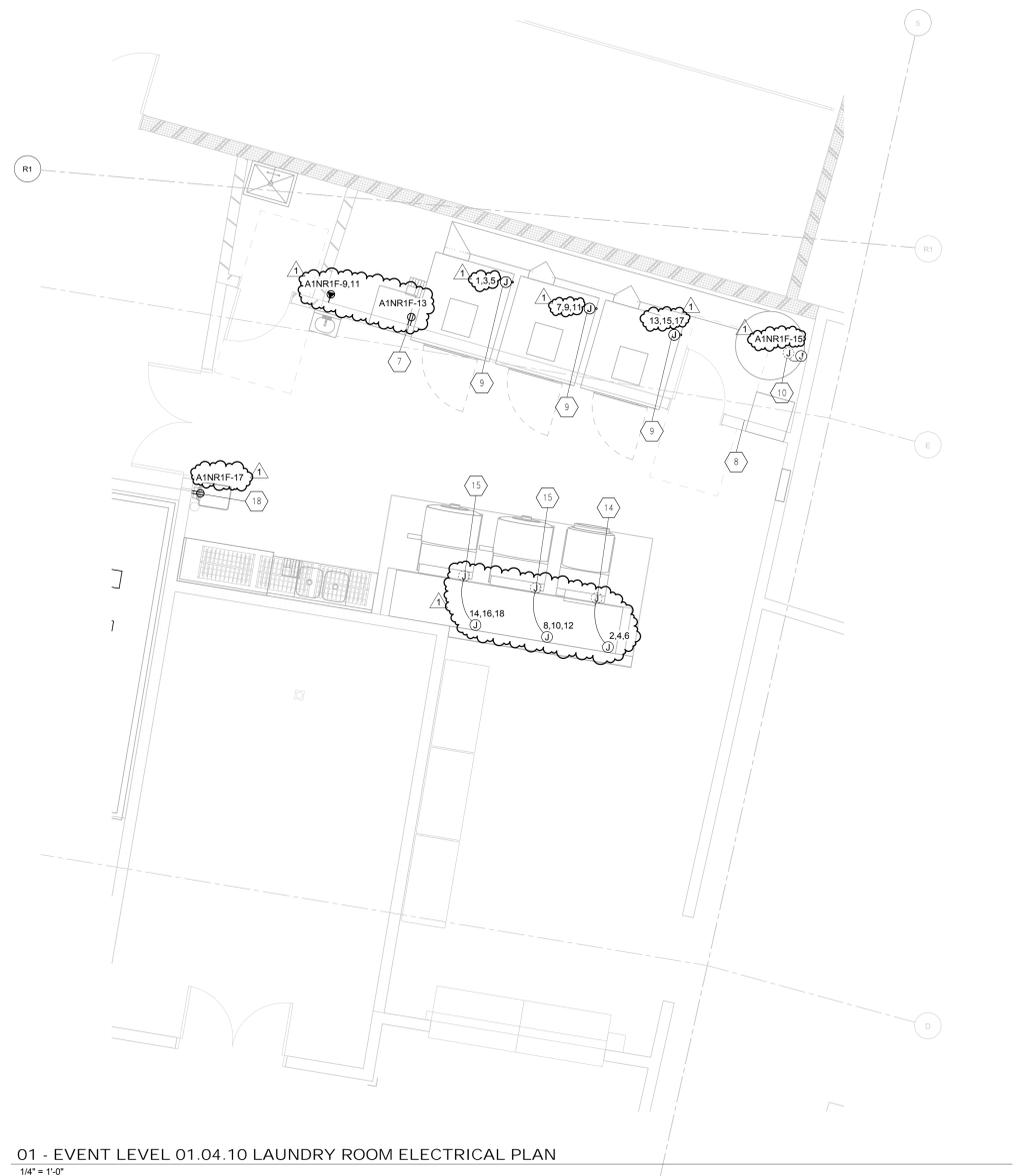
SYMBOL LEGEND

- PRE-WIRED BREAKER PANEL INSTALLED IN EQUIPMENT (By K.E.C. or MANUFACTURER)
- PULL BOX INSTALLED IN EQUIPMENT (By K.E.C. or MANUFACTURER)
- JUNCTION BOX
- JUNCTION BOX INSTALLED IN EQUIPMENT (By K.E.C. or MANUFACTURER)
- DUPLEX CONVENIENCE OUTLET (D.C.O.)
- D.C.O. INSTALLED IN EQUIPMENT (By K.E.C. or MANUFACTURER)
- POWER OUTLET, 1 PHASE
- POWER OUTLET INSTALLED IN EQUIPMENT (By K.E.C. or MANUFACTURER)
- POWER OUTLET, 3 PHASE
- POWER OUTLET INSTALLED IN EQUIPMENT (By K.E.C. or MANUFACTURER)
- CONDUIT STUB
- with FINAL CONNECTIONS to EQUIPMENT
- FLOOR OUTLET, FLUSH OR PEDISTAL MOUNTED
- VAPOR-PROOF LIGHT FIXTURE
- DROP CORD RECEPTACLE
- DATA
- LOW TEMP. FLOURESCENT LIGHT FIXTURE
- SWITCH
- PLUG MOULDING
- ABOVE FINISHED FLOOR
- BELOW FINISHED FLOOR
- BRANCH TO CONNECTION
- DUPLEX CONVENIENCE OUTLET
- DROP FROM ABOVE
- REFER to INDICATED NOTE

GENERAL NOTES

- SEE THIS SHEET FOR EQUIPMENT SCHEDULE AND PANELBOARD SCHEDULE.
- NUMBERS IN HEXAGONS ARE FOR EQUIPMENT IDENTIFICATION. SEE EQUIPMENT SCHEDULE FOR EQUIPMENT NUMBER, DESCRIPTION, LOAD INFORMATION, ROUGH-IN, BRANCH CIRCUIT WIRE AND CONDUIT SIZE AND PANELBOARD.
- ELECTRICAL REQUIREMENTS FOR PURVEYOR PROVIDED EQUIPMENT MUST BE VERIFIED WITH THE EQUIPMENT. FURNISH SERVICES AND MAKE ALL FINAL CONNECTIONS AS REQUIRED.
- EXPOSED ELECTRICAL SERVICES STUBBED UP OUT OF THE FLOOR MUST BE RIGID STEEL CONDUIT AND INSTALLED IN A MANNER WHICH WILL PREVENT DAMAGE FROM WATER OR HIT BY PORTABLE KITCHEN EQUIPMENT, HEAVILY LOADED CARTS OR FLOOR CLEANING EQUIPMENT.
- CONDUITS MUST BE Routed IN WALLS OR CONCEALED WHEREVER POSSIBLE. ALL EXPOSED SERVICES, COMPONENTS AND CONNECTIONS TO BE VAPOR TIGHT.
- DO NOT LOCATE DISCONNECTS OR OTHER DEVICES (OTHER THAN JUNCTION BOX CONNECTIONS OR CORD AND PLUG RECEPTACLES) BEHIND COOKING EQUIPMENT OR BELOW EXHAUST HOOD ASSEMBLIES.
- FOR FLOOR PENETRATION ROUGH-INS, UTILIZE A SINGLE CONDUIT STUB-UP FOR MULTIPLE CIRCUITS, WHEREVER POSSIBLE.
- CIRCUIT NUMBERS SHOWN ARE FOR PANELBOARD AT1NL3F UNLESS OTHERWISE NOTED.
- PRIOR TO ROUGHING IN REFER TO APPROVED SHOP DRAWINGS FOR EQUIPMENT CONNECTION/RECEPTACLE LOCATIONS, SUPPLEMENTAL CONNECTIONS AND INSTALLATION REQUIREMENTS FOR THE FOODSERVICE EQUIPMENT INDICATED ON THIS PLAN.
- GFCI RECEPTACLES ARE ACCEPTABLE WHEN THEY ARE READILY ACCESSIBLE. IF DEVICE IS NOT READILY ACCESSIBLE PER NEC 210.8, THEN PROVIDE REMOTE TRIP UNITS THAT ARE READILY ACCESSIBLE OR GFCI CIRCUIT BREAKERS.

DESCRIPTION	600 AMP BUS				42 POLES				
	277/480 VOLTS	AMPS/POLES	CKT	AØ	3 PHASE WIRE 60Hz	CKT	AMPS/POLES	kVA	DESCRIPTION
9 /170 LB DRYER	27.1	125/3	1	X		2	20/3	2.2	14 /60 LB WASHER / EXTRACTOR
-	27.1	-	3		X	4	-	2.2	-
-	27.1	-	5		X	6	-	2.2	-
9 /170 LB DRYER	27.1	125/3	7	X		8	20/3	2.2	15 /140 LB WASHER / EXTRACTOR
-	27.1	-	9		X	10	-	2.2	-
-	27.1	-	11		X	12	-	2.2	-
9 /170 LB DRYER	27.1	125/3	13	X		14	20/3	2.2	15 /140 LB WASHER / EXTRACTOR
-	27.1	-	15		X	16	-	2.2	-
-	27.1	-	17		X	18	-	2.2	-
SPARE		20/1	19	X		20	20/1		SPARE
SPARE		20/1	21		X	22	20/1		SPARE
SPARE		20/1	23		X	24	20/1		SPARE
SPARE		20/1	25	X		26	20/1		SPARE
SPARE		20/1	27		X	28	20/1		SPARE
SPARE		20/1	29		X	30	20/1		SPARE
SPARE		20/1	31	X		32	20/1		SPARE
SPARE		20/1	33		X	34	20/1		SPARE
SPARE		20/1	35		X	36	20/1		SPARE
SPARE		20/1	37	X		38	20/1		SPARE
SPARE		20/1	39		X	40	20/1		SPARE
SPARE		20/1	41		X	42	20/1		SPARE
		kVA	88.0	88.0	88.0	kVA			
		AMPS	733.5	733.5	733.5	AMPS			



1_01 - EVENT LEVEL 01.04.10 LAUNDRY ROOM ELECTRICAL PLAN
1/4" = 1'-0"



REGISTRATION
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.

Bradley
Bradley A. M...
License No. 25230 08/22/2014

KEY PLAN

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

REVISION

NO.	DESCRIPTION	DATE
1	ASI-121	08/22/2014

HKS PROJECT NUMBER
16246.000
DATE
MAY 2, 2014
ISSUE
CCD-060

SHEET TITLE
01 - EVENT LEVEL
01.04.10 LAUNDRY
ELEC PLAN & SCHEDS
SHEET NO.