

RECEIVED

FORM 202 Rev 09/16
JUL 23 2019

83476

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Ident. No. 95-17853

IDWR / NORTH

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant(s) COEUR D ALENE SCHOOL DISTRICT #271 Phone 208-664-8241
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address 1400 N NORTHWOOD CENTER CT City COEUR D ALENE
 State ID ZIP 83814 Email _____
2. Name of representative, if any Jeff Voeller Phone _____
 Mailing address _____ City _____
 State _____ ZIP _____ Email jvoeller@cdnschools.org
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☐ Send original correspondence to the applicant and copies to the representative.
- b. ☐ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.
3. Source of water supply GROUND WATER which is a tributary of _____
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
51N	04W	27			NE	NE	KOOTENAI	GROUND WATER	SUPPLY WELL
51N	04W	27			NE	NE	KOOTENAI	GROUND WATER	INJECTION WELL

5. Water will be used for the following purposes:
- Amount 1.00 CFS for HEATING purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
- Amount 1.00 CFS for COOLING purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) 1.00 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. APPLICANT PLANS TO DRILL SUPPLY WELL WITH 40 HP PUMP FOR HEAT EXCHANGER
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate [Application for Construction or Enlargement of a New or Existing Dam](#). Application required? ☐ Yes ☐ No
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☐ No
- e. If well is already drilled, when? _____; drilling firm _____; well was drilled for (well owner) _____; Drilling Permit No. _____

For Department Use

Received by _____ Date _____ Time _____ Preliminary check by _____
 Fee \$ 250.00 Received by JA Receipt No. N035250 Date 7-23-19

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; must complete and attach the [Municipal Water Right Application Checklist](#).
 - Domestic; show number of households _____
 - Other; describe fully. HEATING AND COOLING SYSTEM FOR SCHOOL
9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
51N	04W	27	G,L	G,L															

Total number of acres to be irrigated: _____

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? _____
11. a. Who owns the property at the point of diversion? APPLICANT
- b. Who owns the land to be irrigated or place of use? APPLICANT
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. APPLICANT PLANS TO DRILL SUPPLY WELL FOR HEAT EXCHANGER AND WILL THEN PUMP WATER BACK INTO AQUIFER WITH INJECTION WELL
13. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.


 Signature of Applicant
Jeff Voeller - Director of Operations
 Print Name (and title, if applicable)

 Signature of Applicant

 Print Name (and title, if applicable)

APPLICATION MAP



Legend

- Parcels
- Township/Range
- Sections
- QQ

0 0.0225 0.045 0.09 Miles





State of Idaho

DEPARTMENT OF WATER RESOURCES

Northern Region • 7600 N Mineral Drive, Suite 100 • Coeur D'Alene ID 83815-7763

Phone: (208) 762-2800 • Fax: (208) 762-2819

Website: idwr.idaho.gov • Email: northerninfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

August 8, 2019

COEUR D ALENE SCHOOL DISTRICT #271
1400 N NORTHWOOD CENTER CT
COEUR D ALENE, ID 83814-2657

Application For Permit No. 95-17853

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the COEUR D ALENE PRESS on 8/15/2019 and 8/22/2019. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Tammy Alleman
Administrative Assistant

Alleman, Tammy

From: Alleman, Tammy
Sent: Thursday, August 08, 2019 11:03 AM
To: 'Anna.Moody@deq.idaho.gov'
Subject: Request for Comments WR#95-17853
Attachments: 95-17853 Application for Permit.pdf

Dear Department of Environmental Quality:

The Department of Water Resources is seeking written comment and/or recommendations from your agency regarding the above referenced Water Right application. You can find copies of the application attached to the email and also at: <http://www.idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>.

This office can publish notice of the application as soon as the initial review is completed; therefore, your prompt response to this request is appreciated. If your agency desires to formally protest the approval of the application, you may do so after the notice is published by filing a written protest along with a \$25.00 filing fee within 10 days after final publication. **The deadline for comments on the application is September 3, 2019.**

Please contact the Northern Region Office at (208) 762-2800 if you have any questions regarding the application.

Thank you,

Tammy

*Tammy Alleman
Administrative Assistant
Idaho Department of Water Resources
7600 North Mineral Drive, Suite 100
Coeur d'Alene, ID 83815
Tammy.Alleman@idwr.idaho.gov
208-762-2800 Phone
208-762-2819 Fax*

Alleman, Tammy

From: Alleman, Tammy
Sent: Thursday, August 08, 2019 10:49 AM
To: 'LEGALS@CDAPRESS.COM'
Subject: Legal Notice
Attachments: Legal Notice 95-17852 to 95-17856, 95-17858, 95-17861, 95-17864.doc

Please publish the enclosed legal notice in the **Coeur d'Alene Press** on the dates indicated **August 15th and August 22nd, 2019** (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately. Please send a proof once you have the article ready for print for our review.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before **September 3, 2019**. Your cooperation is appreciated.

Thank you,

Tammy

*Tammy Alleman
Administrative Assistant
Idaho Department of Water Resources
7600 North Mineral Drive, Suite 100
Coeur d'Alene, ID 83815
Tammy.Alleman@idwr.idaho.gov
208-762-2800 Phone
208-762-2819 Fax*

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

95-17852

KEN & AILEEN ZAKEN FAMILY TRUST
14807 N FORESTDALE DR
RATHDRUM, ID 83858-7168
Point of Diversion NESE
S32 T52N R04W
KOOTENAI County
Source GROUND WATER
Use: DOMESTIC
01/01 to 12/31 0.1 CFS
Total Diversion: 0.1 CFS
Date Filed: 7/25/2019
Place Of Use: DOMESTIC
T52N R04W S32
NESE SESE

95-17853

COEUR D ALENE SCHOOL DISTRICT #271
1400 N NORTHWOOD CENTER CT
COEUR D ALENE, ID 83814-2657
Point of Diversion NENE
S27 T51N R04W
KOOTENAI County
Source GROUND WATER
Point of Diversion NENE
S27 T51N R04W
KOOTENAI County
Source GROUND WATER
Use: COOLING
01/01 to 12/31 1 CFS
Use: HEATING
01/01 to 12/31 1 CFS
Total Diversion: 1 CFS
Date Filed: 7/23/2019
Place Of Use: HEATING
T51N R04W S27
NENE NWNE
Place Of Use: COOLING
T51N R04W S27
NENE NWNE

95-17854

COREY STANLEY
TYLER STANLEY
12321 W PARK LN
POST FALLS, ID 83854-7125
Point of Diversion SENW
S10 T50N R05W
KOOTENAI County
Source GROUND WATER
Use: DOMESTIC
01/01 to 12/31 0.06 CFS
Date Filed: 7/25/2019
Place Of Use: DOMESTIC
T50N R05W S10
SEW NESW

95-17855

COREY STANLEY
TYLER STANLEY
12321 W PARK LN
POST FALLS, ID 83854-7125
Point of Diversion SENW
S10 T50N R05W
KOOTENAI County
Source GROUND WATER
Use: IRRIGATION
03/15 to 11/15 0.06 CFS
Total Diversion: 0.06 CFS
Date Filed: 7/25/2019
Place Of Use: IRRIGATION
T50N R05W S10 SENW

95-17856

JOHN S MARTIN
ANNELLE MARTIN
149 CAMWOOD PL
CAMANO ISLAND, WA 98282-8554
Point of Diversion SWSE
S15 T48N R04W

KOOTENAI County
Source GROUND WATER
Use: DOMESTIC
01/01 to 12/31 0.04 CFS
Total Diversion: 0.04 CFS
Date Filed: 7/29/2019
Place Of Use: DOMESTIC
T48N R04W S15
NWSE SWSE

95-17858

SCHAEFFER LAND AND TIMBER LLC
641 HUMBOLDT ST
RENO, NV 89509-1607
Point of Diversion SENW
S18 T52N R04W
KOOTENAI County
Source GROUND WATER
Use: IRRIGATION
03/15 to 11/15 1.51 CFS
Use: STOCKWATER
01/15 to 12/31 0.04 CFS
Total Diversion: 1.51 CFS
Date Filed: 8/1/2019
Place Of Use: IRRIGATION
T52N R04W S18
NENE NWNE SWNE SENE SENW NESW NESE NWSE
Place Of Use: STOCKWATER
T52N R04W S18
NENE NWNE SWNE SENE SENW NESW NESE NWSE
Total Acres: 75.7

95-17861

FAMILY HERITAGE LEGACY LLC
1725 E UPDAHL CT
HARRISON, ID 83833-7784
Point of Diversion L4(SENE)
S7 T49N R03W
KOOTENAI County
Source COEUR D ALENE LAKE
Tributary SPOKANE RIVER
Use: DOMESTIC
01/01 to 12/31 0.04 CFS
Total Diversion: 0.04 CFS
Date Filed: 8/6/2019
Place Of Use: DOMESTIC
T49N R03W S7 L4(SENE)
T49N R03W S8 SWNW

95-17864

PUR POSE INC
1650 W APPLEWAY AVE
COEUR D ALENE, ID 83814-9303
Point of Diversion NENE
S33 T53N R03W
KOOTENAI County
Source GROUND WATER
Use: COMMERCIAL
01/01 to 12/31 0.2 CFS
Use: IRRIGATION
04/01 to 10/31 0.1 CFS
Total Diversion: 0.2 CFS
Date Filed: 8/6/2019
Place Of Use: COMMERCIAL
T53N R03W S28 SWSE
T53N R03W S33 NENE NWNE
Place Of Use: IRRIGATION
T53N R03W S28 SWSE
T53N R03W S33 NENE NWNE

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Northern Region office at (208) 762-2800. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Northern Region, 7600 N MINERAL DR STE 100, COEUR D ALENE ID 83815-7763 together with a protest fee of \$25.00 for each application on or before 9/3/2019. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 8/15/2019 and 8/22/2019



Bryan Martin <bmartin@cdaschools.org>

CdA Elementary well pump info

1 message

Michael Lippis <Mike@jtle.us>

Fri, Jul 19, 2019 at 1:04 PM

To: Bryan Martin <bmartin@cdaschools.org>

Cc: Michael Lippis <Mike@jtle.us>

Bryan,

A couple of plan sheets are attached. They show the pump info and also the mechanical site plan where the wells are located.

The well pump is a 40 HP unit that has a 238 GPM flow. Let me know if you need anything else.

Thanks,

Mike Lippis

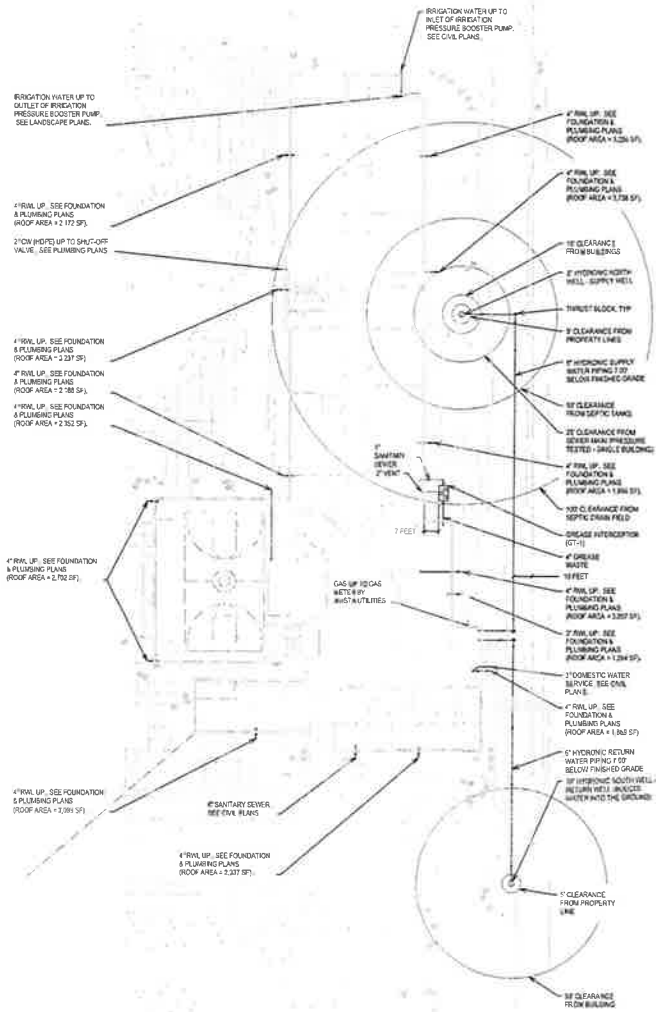
Mechanical Engineer at JTL engineering

Mike@JTLe.us<mailto:Mike@JTLe.us> | t.509.413.7997<tel:+15094137997> | c.509.220.8292<tel:+15092208292>
9116 E Sprague Ave. No.457, Spokane Valley, WA 99206

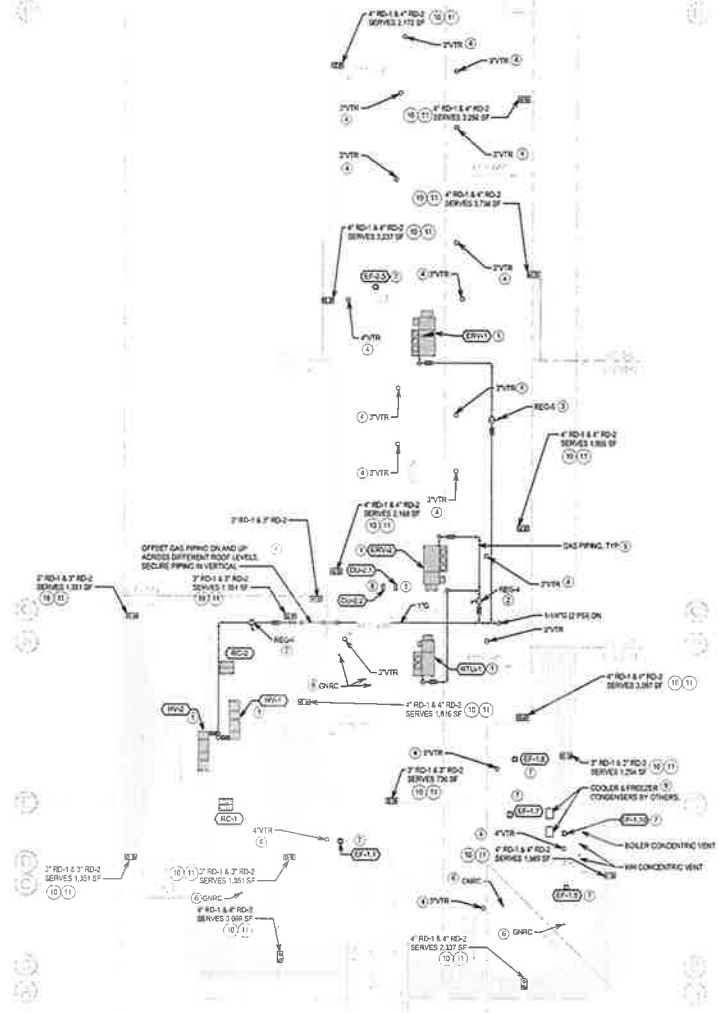
*My new email is Mike@JTLe.us<mailto:Mike@JTLe.us>. Please remove Mike@JTLengineering.net<mailto:Mike@JTLengineering.net> and Mike@JTL.engineering<mailto:Mike@JTL.engineering> from your address books. Thanks for your trouble! ~Mike

 **New CdA Elementary Site Plan and Pump Schedule.pdf**
440K

Bryan Martin
Dir of Maint.
CDA School Dist
208-929-1021



SITE PLAN - MECHANICAL
1" = 30'-0"



ROOF PLAN - MECHANICAL
1" = 30'-0"

SHEET NOTES

1. CIRCLED NUMBER SYMBOLS ON THIS SHEET CORRESPOND TO THE ITEMS LISTED BELOW (CIRCLES ARE OMITTED IN THIS LIST).
2. INSTALL ROOFTOP PACKAGED AIR HANDLER PER DETAIL AND UPOR RECOMMENDATIONS. LOCATE TO KEEP A 10' SEPARATION FROM THE ROOF EDGE.
3. PROVIDE GAS PRESSURE REGULATOR AND INSTALL PER DETAIL. MAINTAIN 10' SEPARATION FROM ALL BUILDING AIR INTAKES. ROUTE 1/2" GAS TO CAPS TO REGULATOR INLET. ROUTE 1/2" GAS (3/4" PS) FROM REGULATOR DISCHARGE. ROUTE 1/2" GAS BRANCH TO EACH ROOFTOP PACKAGED UNIT. PROVIDE DIRT LEG AND SHUT OFF VALVE AND MAKE CONNECTION TO APPROVED FLEXIBLE GAS CONNECTOR PIPE OR HARD PIPE CONNECTION.
4. PROVIDE GAS PRESSURE REGULATOR AND INSTALL PER DETAIL. MAINTAIN 10' SEPARATION FROM ALL BUILDING AIR INTAKES. ROUTE 1/2" GAS TO CAPS TO REGULATOR INLET. ROUTE 1/2" GAS (3/4" PS) FROM REGULATOR DISCHARGE. ROUTE 1/2" GAS BRANCH TO ROOFTOP PACKAGED UNIT. PROVIDE DIRT LEG AND SHUT OFF VALVE AND MAKE CONNECTION TO APPROVED FLEXIBLE GAS CONNECTOR PIPE OR HARD PIPE CONNECTION.
5. VENT THRU ROOF. MAINTAIN 10' SEPARATION FROM AIR INTAKES.
6. COORD W/ ROOFER TO PROVIDE DRAINABLE PIPE BOOT AT ROOF PENETRATION. PROVIDE PIPE SUPPORTS PER DETAIL.
7. PROVIDE CONDENSATE DRAINAGE PER DETAIL. LOCATE 10' AWAY FROM AIR HANDLER INTAKE.
8. INSTALL CHIMNEY FAN PER DETAIL AND UPOR RECOMMENDATIONS. LOCATE TO KEEP A 10' SEPARATION FROM THE ROOF EDGE AND AIR HANDLER INTAKES.
9. INSTALL CONDENSING UNIT PER DETAIL AND UPOR RECOMMENDATIONS. LOCATE TO KEEP A 10' SEPARATION FROM THE ROOF EDGE AND SECURE TO ROOF SUPPORTS. REFRIGERANT LINE SET SHALL BE ROUTED THRU PIPE CURB WHEN PENETRATING ROOF. SUPPORT PIPING ON PIPE SUPPORTS AS REQUIRED PER DETAIL.
10. INSTALL ROOF DRAIN PER ARCHITECTURAL ROOF PLANS FOR LOCATION. INSTALL DRAIN BASH FULLY AND INSTALL PER UPOR RECOMMENDATIONS AND PER DETAIL. COORD LOCATION OF OVERFLOW AND/OR STORM WATER DRAIN TO AVOID BEST 18" PIPE ROUTING BELOW ROOF DECK. ISOLATE ALL PIPING AND PROVIDE CLEAN OUTS IN LINE BELOW DRAIN. ROUTE RAIN AND DFL FROM BOTTOM OF DRAIN BASIN CONT. ON PLUMBING PLAN.
11. INSTALL DOWNSPOUT TO SERVE OVERFLOW PIPING. DOWNSPOUT SHALL TERMINATE AT 10' A.F.S. COORD W/ GC FOR PROPER SHUTTLEWALL THICKNESS NEEDED TO ENSURE THAT DOWNSPOUT MOUNTS FLUSH IN OUTSIDE OF WALL. ALL PIPING TO BE INSULATED. SEE PLUMBING PLANS.

NEW COEUR D'ALENE ELEMENTARY
2008 PRAIRIE AVENUE

ROOF & SITE PLAN - MECHANICAL

PROJECT: 2007/04/11/1003
DESIGNED BY: MCL
DRAWN BY: JCF
ISSUE DATE: 07.12.2013
PHASE: Add/Revised
CHECKED BY: MCL
REVISION:
SHEET NO:

M2.01

Architects West
223 S. Lahave Ave.
Coeur d'Alene, ID 83814
8.208.561.5403
architectswest.com

MECHANICAL ENGINEER
JTL ENGINEERING, PLLC
1715 S. BURNLEY AVENUE, 2ND FLOOR
SPokane, WA 99205
509.475.7897

ELECTRICAL ENGINEER
COFFMAN ENGINEERS, INC.
1011 WEST STREET, SUITE 100
BOZEMAN, MT 59717
406.592.3287

CIVIL ENGINEER
JUB ENGINEERS



NOTES

- [illegible]

1. PROVIDE (B) 10YD LUSTED INCANDESCENT LIGHT WIRED FOR SINGLE POINT ELECTRICAL CONNECTION TO KHALI HOOD MOUNTED SWITCH
2. PROVIDE WITH CHEMICAL (F) GAS SUPPRESSION SYSTEM INTERLOCK WIRING AND GAS SENSING UNIT OF VALVE BY ENR
3. HOOD GAS SUPPRESSION TO BE FIELD SUPPLIED BY ENR BY 23 CONTRACTOR. CONSIDER USING OXARC, RAYCOR, OR SENSITIVIT SYSTEM FOR RELEVANT DESIGN
4. AROUND CABINET AND CANISTERS SHALL BE PROVIDED AS SEPARATE UNIT AND REMOVED MOUNTED IN THE KITCHEN AS INDICATED
5. FIELD CUT COLLARS
6. SEE TYPE-KITCHEN HOOD DETAIL
7. PROVIDE HEAT ACTIVATED SENSORS TO ENABLE B-I-T
8. PROVIDE HOOD MOUNTED SENSORS FOR GAS AND LIGHT SWITCH, INTERLOCK TO EF-17
9. FILTERS TO BE SERVICE WITH HANDLES
10. GAS SUPPRESSION CONTROLS SHALL ACTIVATE ENR E-17 TO DEACTIVATE ENR E-17, WHEN FIRE SUPPRESSION IS ACTIVATED
11. TYP OF HOOD TO BE RATED FOR FLOW CLEARANCE TO COMPLY WITH R.

1. 3/4" BRASS BALL VALVE
2. 3/4" STAINLESS STEEL FILTER HOUSING WITH EPDM O-RINGS
3. COTTON WOUND FILTER CARTRIDGE WITH SS CORE
4. SIGHT FLOW INDICATOR WITH BRASS BODY AND EPDM O-RINGS
5. TEMPERED GLASS WINDOWS
6. 3/4" BRASS BALANCING VALVE WITH INTEGRAL AIR VENT
7. MEMORY STOP VALVE SHALL BE ABLE TO PROVIDE FLOW
8. METERING FLOW BALANCING AND FILTER CARTRIDGE ISOLATION
9. ALL REQUIRED PIPE FITTINGS FOR COMPLETE INSTALLATION
10. SEE HYDRONIC PIPING DIAGRAM

NOTES:

1. BRASS AUTOVENT W/ NON-FERROUS FLOAT AND VITON SEAL.
2. BRASS BLOWDOWN BALL VALVE.
3. COPPER COALESCING MED./M.
4. SUPPORT FROM STRUCTURE. DO NOT SUPPORT WITH PIPING.
5. PROVIDE WITH BRASS AUTOVENT W/ NON-FERROUS FLOAT AND VITON SEAL.

1. 4 FLANGED CONNECTION.
2. PROVIDE WITH MIN. 50% SPARE PLATE CAPACITY.
3. SEE HEAT EXCHANGER PIPING DIAGRAM.
4. 304 STAINLESS STEEL PLATES W/ NBR GASKETS.

1. **SELECTION BASED ON 48" F WATER.**
2. PROVIDE MOTOR SUITABLE FOR VFD OPERATION
WITH COMBINATION FUSED DISCONNECT AND NE-
THER ENCLOSURE BY 230900.

NOTES

1. PROVIDE WITH WALL MOUNTED 0-10V POTENTIOMETER SPEED CONTROLLER FOR MANUAL CONTROL.
2. PROVIDE W/ INTRIC GUARD CABLE AND SAFETY CABLE.
3. COILS SELECTED BY ARCHITECT.
4. DR. IS TO PROVIDE ELECTRICAL SCHEDULE.
5. CONTROL BY SDCS CONTRACTOR, SEE CONTROL DIAGRAMS.

M1.04