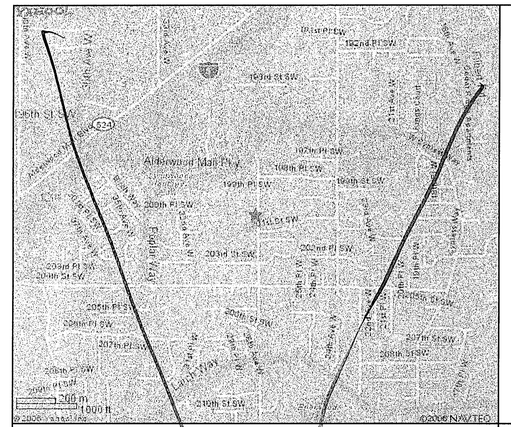
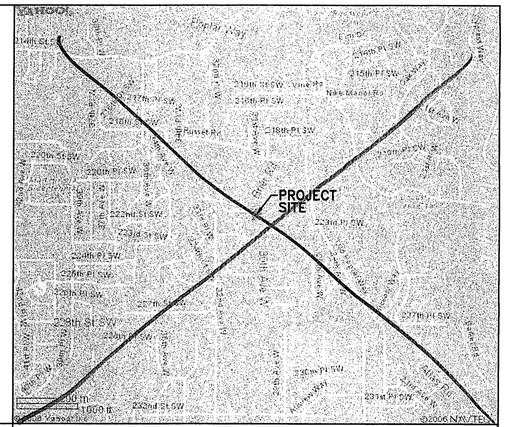
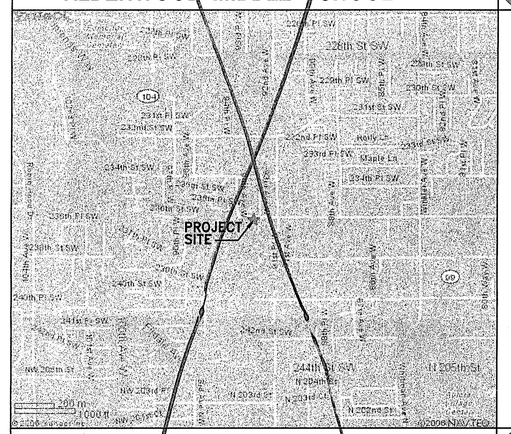


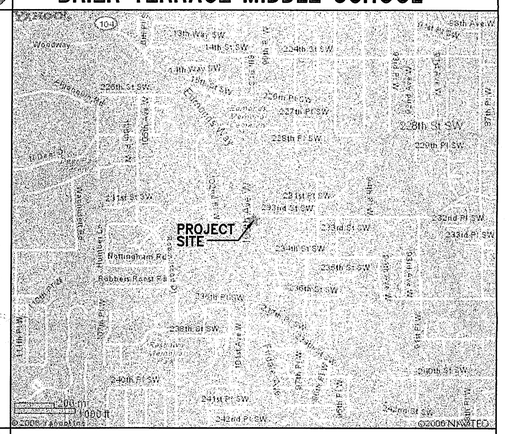
ALDERWOOD MIDDLE SCHOOL



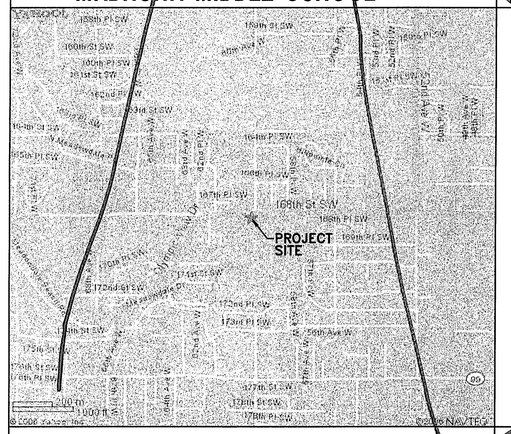
BRIER TERRACE MIDDLE SCHOOL



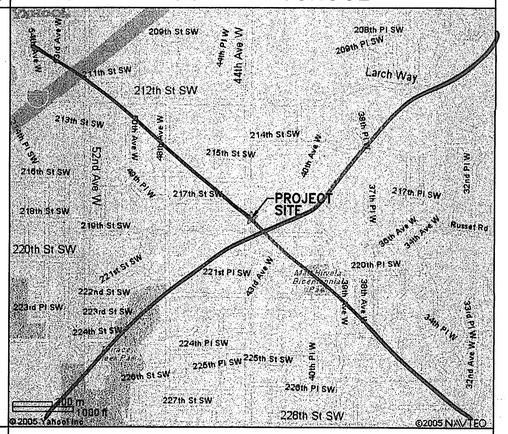
MADRONA MIDDLE SCHOOL



FORMER WOODWAY SCHOOL



MEADOWDALE HIGH SCHOOL



MOUNTLAKE TERRACE HIGH SCHOOL

NOTE: IF DRAWING SHEET IS NOT 24" X 36" THEN DRAWING IS NOT TO SCALE.

MECHANICAL LEGEND

GENERAL SYMBOLS

- LIGHT LINE INDICATES BACKGROUND
- LIGHT LINE INDICATES EXISTING WORK
- HEAVY LINE INDICATES NEW WORK

PIPING

- CCLD WATER (CW)
- HOT WATER (HW)
- HOT WATER CIRCULATING (HWC)
- GATE, BALL, OR BUTTERFLY (TYPE AS SPECIFIED)
- A — COMPRESSED AIR
- G — NATURAL GAS
- ARV — ACID RESISTANT VENT
- ARW — ACID RESISTANT WASTE

HVAC

- ROUND DUCT – TURNING UP OR TOWARD
- ROUND DUCT – TURNING DOWN OR AWAY
- 90° ELBOW, R/W OR R/D = 1.5
- ø ROUND DUCT INDICATOR

ABBREVIATIONS

ARV	ACID RESISTANT VENT
ARW	ACID RESISTANT WASTE
CI	CAST IRON
CLG	CEILING
CO	CLEANOUT
CP	CIRCULATING PUMP
CW	COLD WATER
DN	DOWN
EXIST	EXISTING
FD	FLOOR DRAIN
FLR	FLOOR
GWB	GYPSUM BOARD
HW	HOT WATER
IN	INCHES
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
POC	POINT OF CONNECTION
SS	SANITARY SEWER
V	VENT
VA	VALVE
W	WASTE

DRAWING LIST

ME-01	COVER SHEET
~~AMS-M1~~	~~ALDERWOOD MIDDLE SCHOOL – MECHANICAL~~
~~AMS-M2~~	~~ALDERWOOD MIDDLE SCHOOL – MECHANICAL~~
~~BTMS-M1~~	~~BRIER TERRACE MIDDLE SCHOOL – MECHANICAL~~
~~MADMS-M1~~	~~MADRONA MIDDLE SCHOOL – MECHANICAL~~
WWHS-M1	FORMER WOODWAY SCHOOL – MECHANICAL
~~MDHS-M1~~	~~MEADOWDALE HIGH SCHOOL – MECHANICAL~~ EYE WASH STATIONS ONLY
~~MDHS-M2~~	~~MEADOWDALE HIGH SCHOOL – MECHANICAL~~
~~MTHS-M1~~	~~MOUNTLAKE TERRACE HIGH SCHOOL – MECHANICAL~~
~~AMS-E1~~	~~ALDERWOOD MIDDLE SCHOOL – ELECTRICAL~~
~~BTMS-E1~~	~~BRIER TERRACE MIDDLE SCHOOL – ELECTRICAL~~
~~MADMS-E1~~	~~MADRONA MIDDLE SCHOOL – ELECTRICAL~~
~~MDHS-E1~~	~~MEADOWDALE HIGH SCHOOL – ELECTRICAL~~
~~MTHS-E1~~	~~MOUNTLAKE TERRACE HIGH SCHOOL – ELECTRICAL~~

CONSTRUCTION TYPE IIB
OCCUPANCY GROUP E
OCCUPANT LOAD N/A

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK	DESCRIPTION	SERVICE SIZE IN INCHES		REMARKS
		WASTE	CW	
P1-1	EYE/FACE WASH	1 1/2	1/2	COUNTER MOUNTED SWING AWAY
~~P1-2~~	EYE/FACE WASH	1 1/2	1/2	WALL MOUNTED PUSH DOWN

☐2003 Edition IRC w/WAC Amendments
☒2003 Edition IBC w/WAC Amendments
☒2003 Edition UPC w/WAC Amendments and Appendices A, B, G.1
☒2003 Edition IMC w/WAC Amendments
☒2003 Edition IFGC w/WAC Amendments
☒2003 Edition IFC w/WAC Amendments
☒2003 Edition VIAQ WAC 51-13
☒2004 Edition WSEC WAC 51-11

FAN SCHEDULE

EQUIPMENT NUMBER	EF-AMS-1	EF-BTMS-1	EF-MADMS-1	EF-MDHS-1	EF-MTHS-1	EF-MTHS-2
UNIT LOCATION						
SCHOOL	ALDERWOOD MIDDLE SCHOOL	BRIER TERRACE MIDDLE SCHOOL	MADRONA MIDDLE SCHOOL	MEADOWDALE HIGH SCHOOL	MOUNTLAKE TERRACE HIGH SCHOOL	MOUNTLAKE TERRACE HIGH SCHOOL
DRAWING	AMS-2	BRMS-1	MADMS-1	MDHS-1	MTHS-1	MTHS-1
SERVICE	PREP ROOM FUME HOOD	PREP ROOM FUME HOOD	PREP ROOM FUME HOOD	PREP ROOM FUME HOOD	PREP ROOM FUME HOOD	PREP ROOM FUME HOOD
FAN						
FAN TYPE	UTILITY SET	UTILITY SET	UTILITY SET	UTILITY SET	UTILITY SET	UTILITY SET
BLADE TYPE	FC	FC	FC	FC	FC	FC
COATING	SANITILE	SANITILE	SANITILE	SANITILE	SANITILE	SANITILE
DRIVE TYPE	BELT	BELT	BELT	BELT	BELT	BELT
SERVICE CONDITIONS						
CAPACITY-CFM	560	560	560	560	560	560
STATIC PRESS-INCHES WG	0.75	0.75	0.75	0.75	0.75	0.75
MAX BHP	0.15	0.15	0.15	0.15	0.15	0.15
MAX FAN SPEED-RPM	1090	1090	1090	1090	1090	1090
MOTOR						
HORSEPOWER	1/4	1/4	1/4	1/4	1/4	1/4
SPEED-RPM	1725	1725	1725	1725	1725	1725
ELECTRICAL						
VOLTS-PHASE-HERTZ	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
MANUFACTURER-DESIGN BASIS	GREENHECK SFB-09-4	GREENHECK SFB-09-4	GREENHECK SFB-09-4	GREENHECK SFB-09-4	GREENHECK SFB-09-4	GREENHECK SFB-09-4
REMARKS						

RECEIVED
SEP 19 2006
BUILDING DEPARTMENT
CITY OF EDMONDS

WOOD/HARBINGER, INC.
3025 112th Avenue NE, Suite 200
Bellevue, WA 98004-8002
Phone (425)822-9499
Fax (425)822-4338
CONSULTING ENGINEERS

EDMONDS SCHOOL DISTRICT NO. 15

LAB SAFETY IMPROVEMENTS

20420 68th Avenue W
Lynnwood, Washington 98036-7400

ROBERT B. ALLEN
STATE OF WASHINGTON
19652
REGISTERED PROFESSIONAL ENGINEER
8-28-06
EXPIRES 3/6/07

CITY OF EDMONDS BUILDING DEPARTMENT
WORK PLUMBING
ADDRESS 22420 104TH AVE W
OWNER LYNNWOOD HS
APPROVED DATE 9/28/06
BLDG OFFICIAL
PERMIT NUMBER 2006 1155

City of Edmonds Building Department
APPROVED PLAN CITY COPY

PERMIT SUBMITTAL
08/28/06

REVISIONS

NO.	DATE	DESCRIPTION

COVER SHEET

DRAWN: CJF
CHECKED: BAP
PROJECT NO.: 04055-03 DATE: 08/07/2006

SHEET

ME-01

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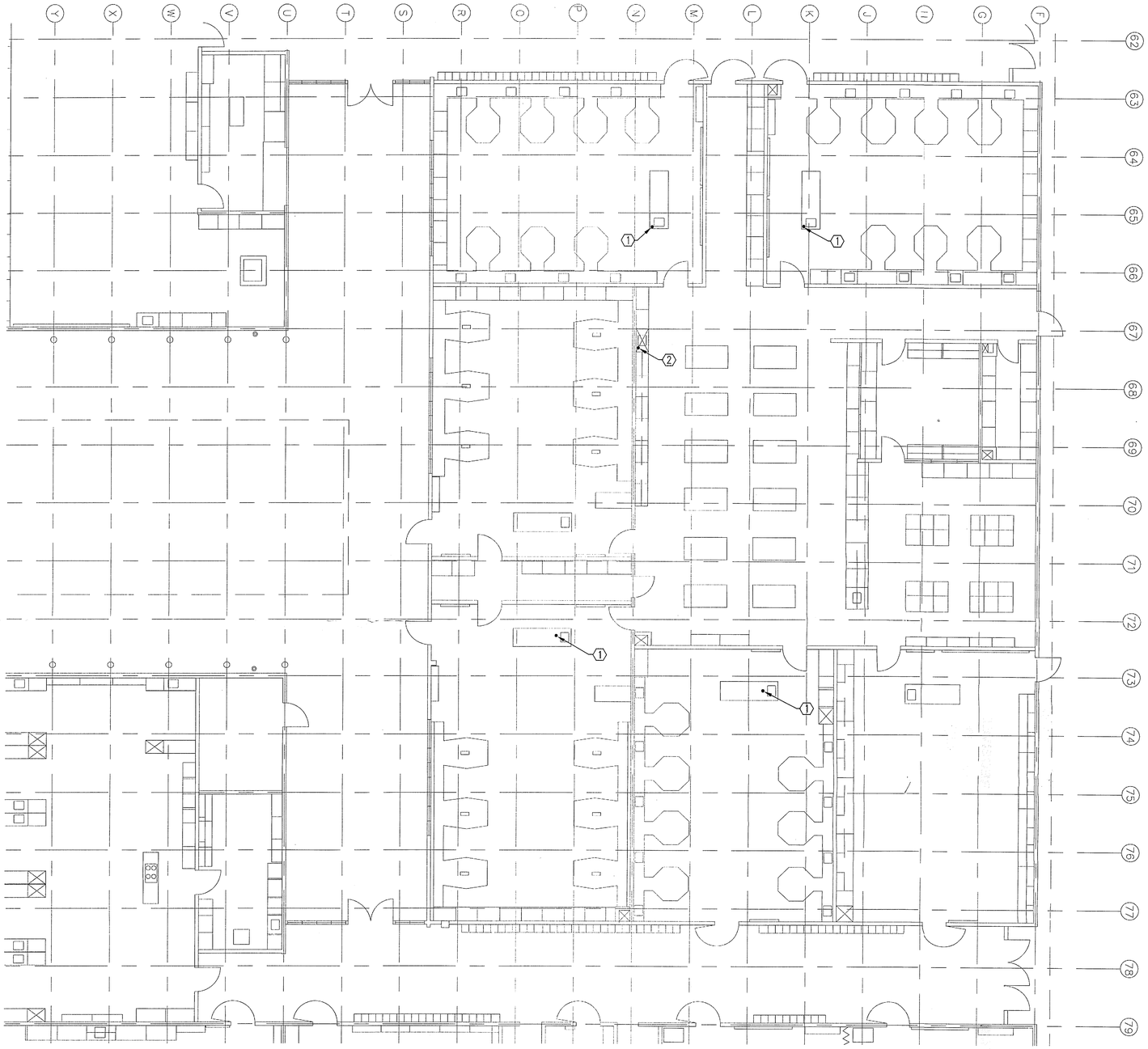
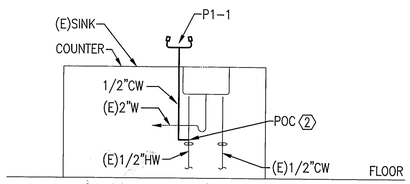


PARTIAL FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"



P1-1 INSTALLATION DIAGRAM

SCALE: NONE

1 WWHS-M1 | WWHS-M1

NOTES:

1. REMOVE EXISTING EYEWASH. PROVIDE NEW P1-1 COUNTER MOUNTED EYE/FACE WASH WITH NEW 1/2"CW CONNECTION FROM EXISTING CW.
2. PROVIDE NEW P1-1 COUNTER MOUNTED EYE/FACEWASH WITH NEW 1/2"CW CONNECTION FROM EXISTING CW.

City of Edmonds Building Department
APPROVED PLAN

RECEIVED
SEP 19 2006
BUILDING DEPARTMENT
CITY OF EDMONDS

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EXPIRES 3/6/07

PERMIT SUBMITTAL
08/28/06

REVISIONS

NO.	DATE	DESCRIPTION

FORMER WOODWAY HIGH SCHOOL

DRAWN: CJF
CHECKED: BAP
PROJECT NO.: 04055-03 | DATE: 08/07/2006

SHEET

WWHS-M1

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