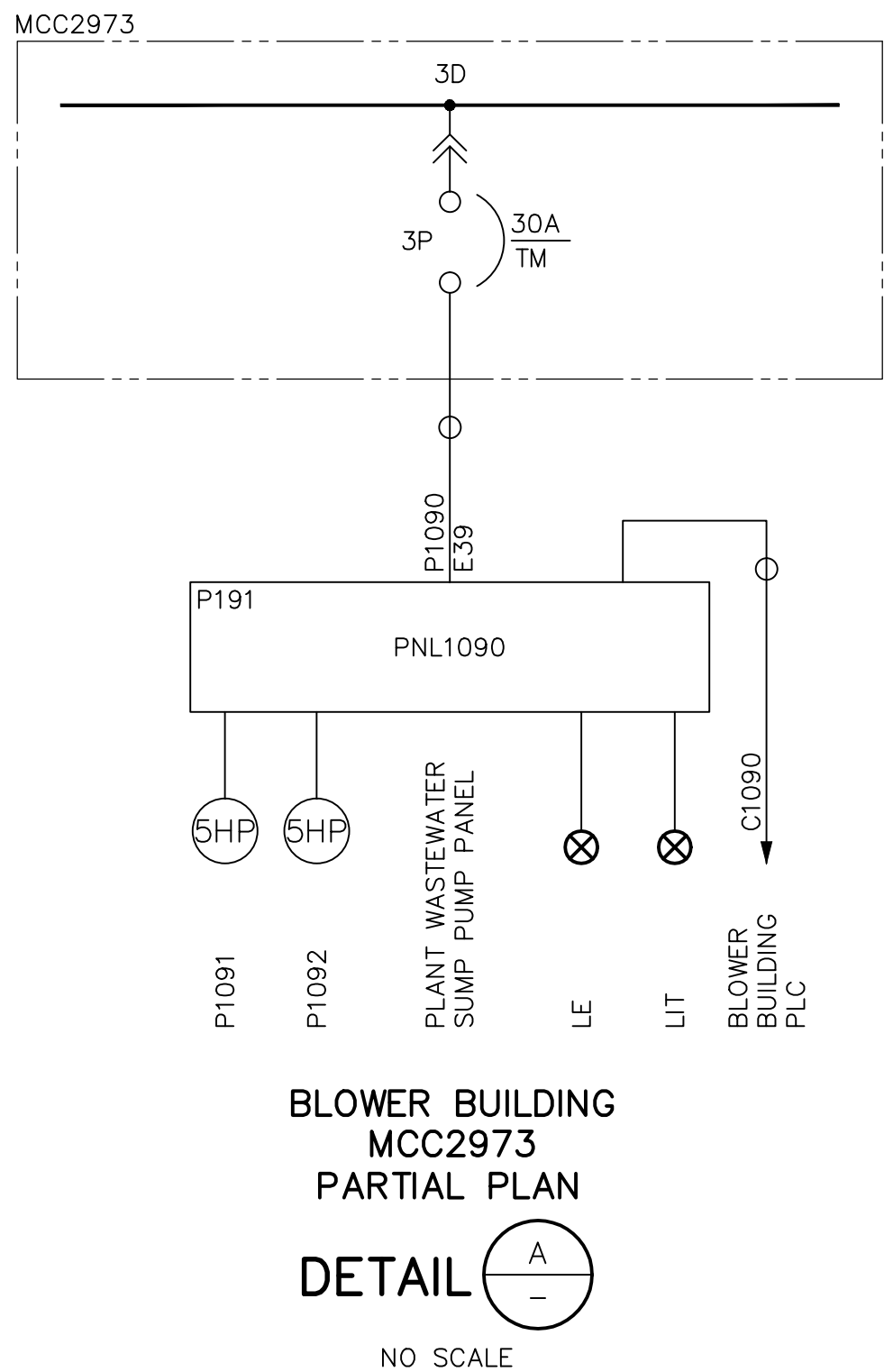
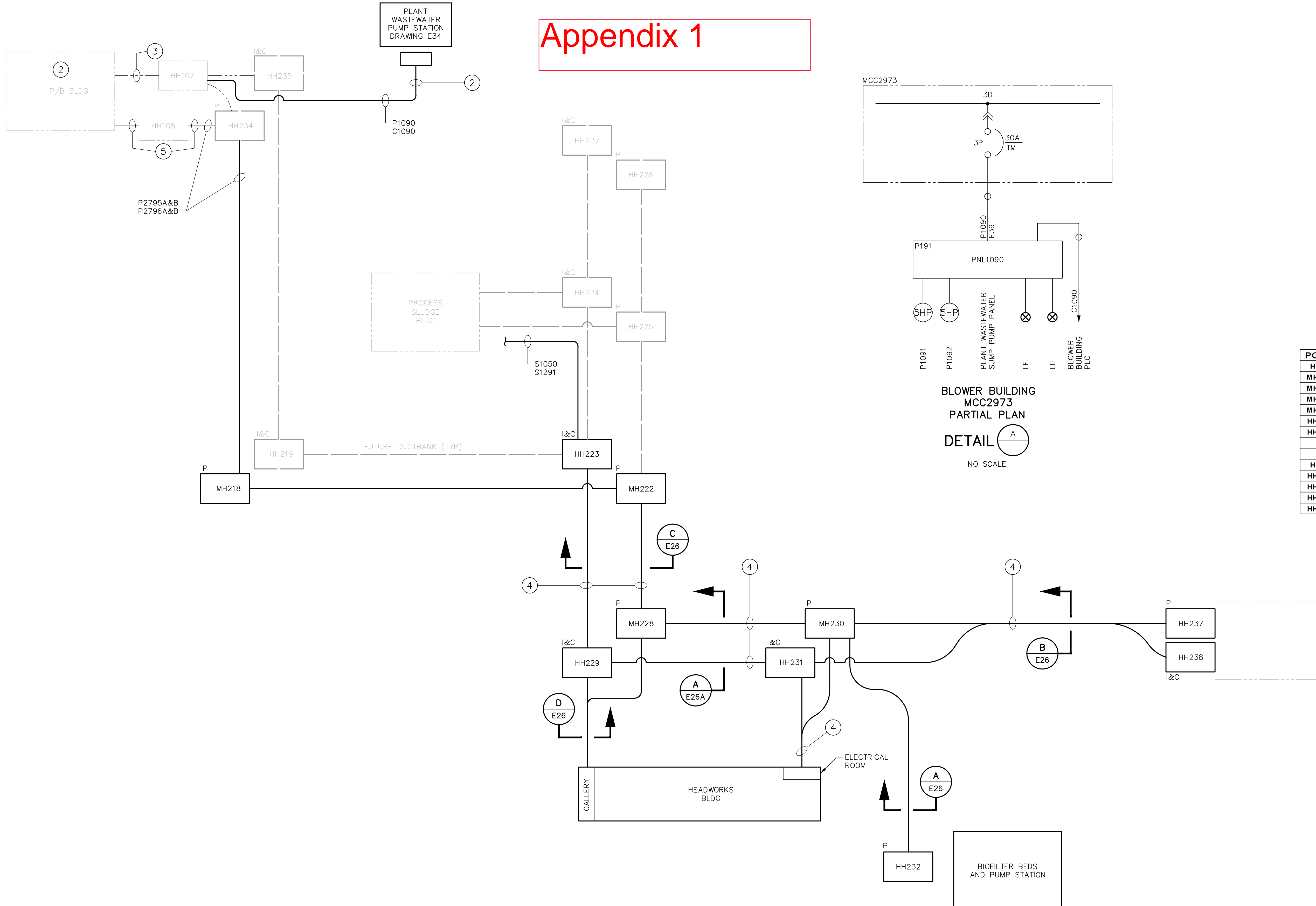


Appendix 1



- GENERAL NOTES:**
- OVERALL SITE PLAN E30
 - SEE E32, E113, E116
 - REFER TO CONSTRUCTION DETAILS:
 - DETAIL-C/E4
 - DETAIL-E/E4
 - DETAIL-B/E8
 - FIELD ROUTE FIBER OPTIC CABLES S1050 AND S1291 TO SLUDGE BUILDING CONTROL ROOM AND EXISTING FIRE ALARM PANEL. SEE DRAWING E36.

- KEY NOTES:**
- NOT USED.
 - PLANT PUMP STATION PANEL 1090:
 - POWER CIRCUIT: EXISTING MCC2973-CUBICLE, 3D 30A CB IN BLOWER BUILDING. REFERENCE P1090.
 - CONTROL CIRCUIT: EXISTING PANEL 299 PLC (T1545-RACK#1) IN BLOWER BUILDING. REFERENCE C1090.
 - INSTALL NEW CIRCUITING IN EXISTING SPARE 2" C TO MCC 2973 AND IN EXISTING SPARE 2" C TO PNL 2990.
 - SEE DRAWING C23 CROSSING.
- INSTALL NEW HEADWORKS FEEDERS IN FOUR OF THE EXISTING SEVEN 3-1/2" CONDUITS TO EXISTING SWGR 2960 IN THE POWER BLOWER BLDG.

HH #	INSIDE DIMENSIONS	PROJECT
MH218	4'2"W x 6'6"L x 6'D	
MH222	4'2"W x 6'6"L x 6'D	
MH228	6'W x 8'L x 7'D	
MH230	6'W x 8'L x 7'D	
HH232	4'W x 4'L x 4'D	
HH237	4'W x 4'L x 4'D	

HH #	INSIDE DIMENSIONS	PROJECT
HH223	4'W x 4'L x 4'D	
HH229	4'W x 4'L x 4'D	
HH231	4'W x 4'L x 4'D	
HH238	4'W x 4'L x 4'D	

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 Xref Filename: KUMATAKA-GREG

BROWN AND CALDWELL CONSULTANTS
SEATTLE, WASHINGTON

SUBMITTED: Marvin Moore DATE: 10/2009
 APPROVED: William Persich DATE: 10/2009
 APPROVED: [Signature] DATE: [Blank]

FILE	137019
DRAWN	C. RESOP
DESIGNED	H. PACE
CHECKED	G. KUMATAKA
CHECKED	G. KUMATAKA

RECORD DRAWING
DATE: 5/01/12

THIS RECORD DRAWING WAS PREPARED USING INFORMATION REPORTED TO BROWN AND CALDWELL AND CONTAINS ONLY THE STANDARD AND CUSTOMARY LEVEL OF DETAIL. THE INFORMATION WAS NOT INDEPENDENTLY FIELD VERIFIED. THERE IS NO ONGOING PROGRAM TO UPDATE THE DRAWING TO REFLECT CHANGES SUBSEQUENT TO THE DATE INDICATED. THEREFORE, THIS DRAWING CANNOT BE RELIED UPON AS AN EXACT REPRESENTATION OF ACTUAL CONDITIONS.

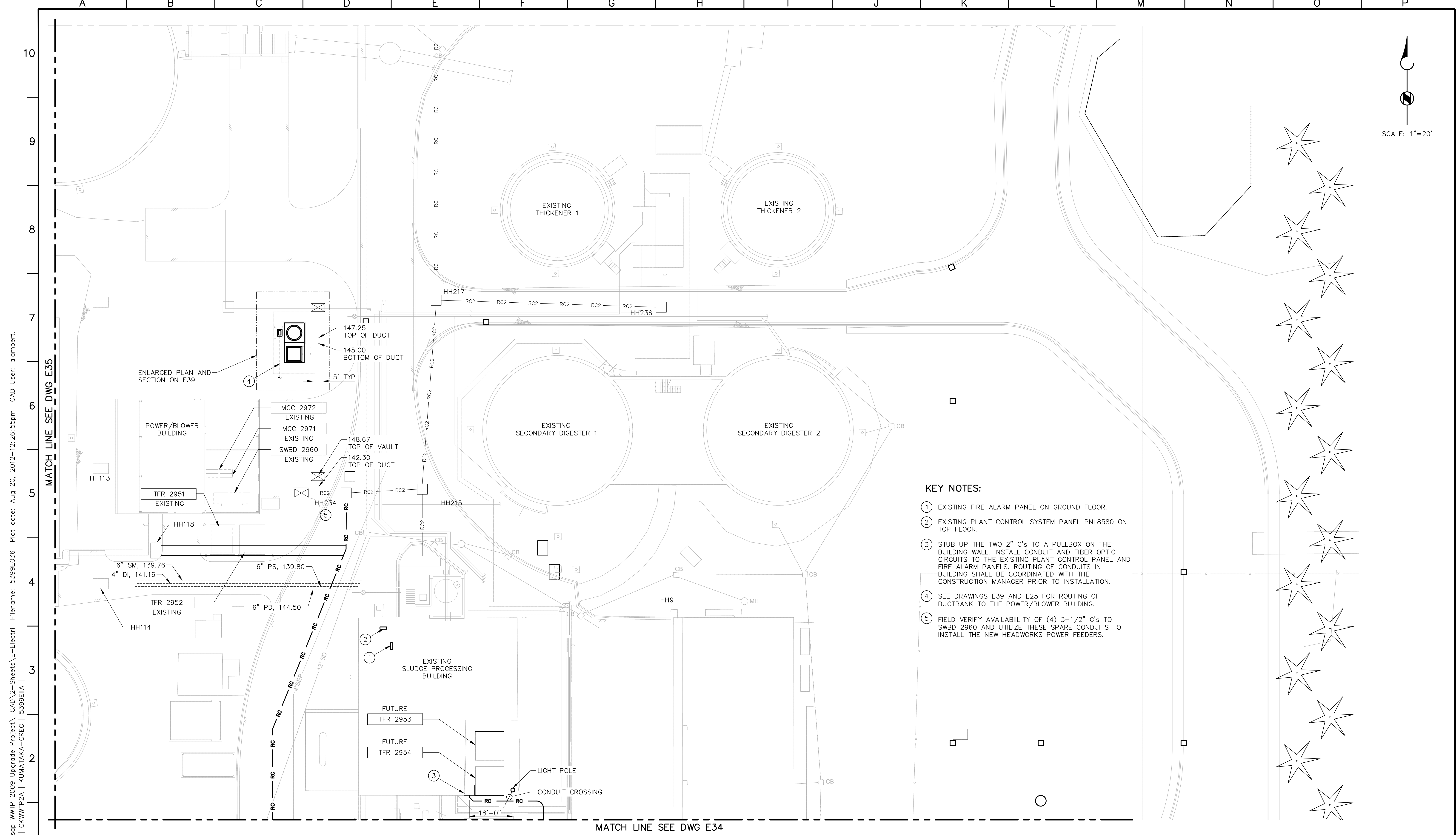
ZONE	REV.	DESCRIPTION	BY	DATE	APP.

KITSAP COUNTY

CENTRAL KITSAP WWTP 2009 UPGRADE PROJECT

ELECTRICAL
DUCTBANK BLOCK DIAGRAM

JULY 2009
DRAWING NUMBER E25
SHEET NUMBER 168



KEY NOTES:

- ① EXISTING FIRE ALARM PANEL ON GROUND FLOOR.
- ② EXISTING PLANT CONTROL SYSTEM PANEL PNL8580 ON TOP FLOOR.
- ③ STUB UP THE TWO 2" C's TO A PULLBOX ON THE BUILDING WALL. INSTALL CONDUIT AND FIBER OPTIC CIRCUITS TO THE EXISTING PLANT CONTROL PANEL AND FIRE ALARM PANELS. ROUTING OF CONDUITS IN BUILDING SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- ④ SEE DRAWINGS E39 AND E25 FOR ROUTING OF DUCTBANK TO THE POWER/BLOWER BUILDING.
- ⑤ FIELD VERIFY AVAILABILITY OF (4) 3-1/2" C's TO SWBD 2960 AND UTILIZE THESE SPARE CONDUITS TO INSTALL THE NEW HEADWORKS POWER FEEDERS.

BROWN AND CALDWELL
CONSULTANTS
SEATTLE, WASHINGTON

SUBMITTED: Marv Moore DATE: 10/2009
APPROVED: William Persich DATE: 10/2009
APPROVED: _____ DATE: _____

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2"-SCALE ACCORDINGLY)

FILE 137019
DRAWN C. RESOP
DESIGNED H. PACE
CHECKED G. KUMATAKA
CHECKED G. KUMATAKA

RECORD DRAWING
DATE 5/01/12

THIS RECORD DRAWING WAS PREPARED USING INFORMATION REPORTED TO BROWN AND CALDWELL AND CONTAINS ONLY THE STANDARD AND CUSTOMARY LEVEL OF DETAIL. THE INFORMATION WAS NOT INDEPENDENTLY FIELD VERIFIED. THERE IS NO ONGOING PROGRAM TO UPDATE THE DRAWING TO REFLECT CHANGES SUBSEQUENT TO THE DATE INDICATED. THEREFORE, THIS DRAWING CANNOT BE RELIED UPON AS AN EXACT REPRESENTATION OF ACTUAL CONDITIONS.

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

KITSAP COUNTY

**CENTRAL KITSAP WWT
2009 UPGRADE PROJECT**

ELECTRICAL
AREA F
PLAN

JULY 2009

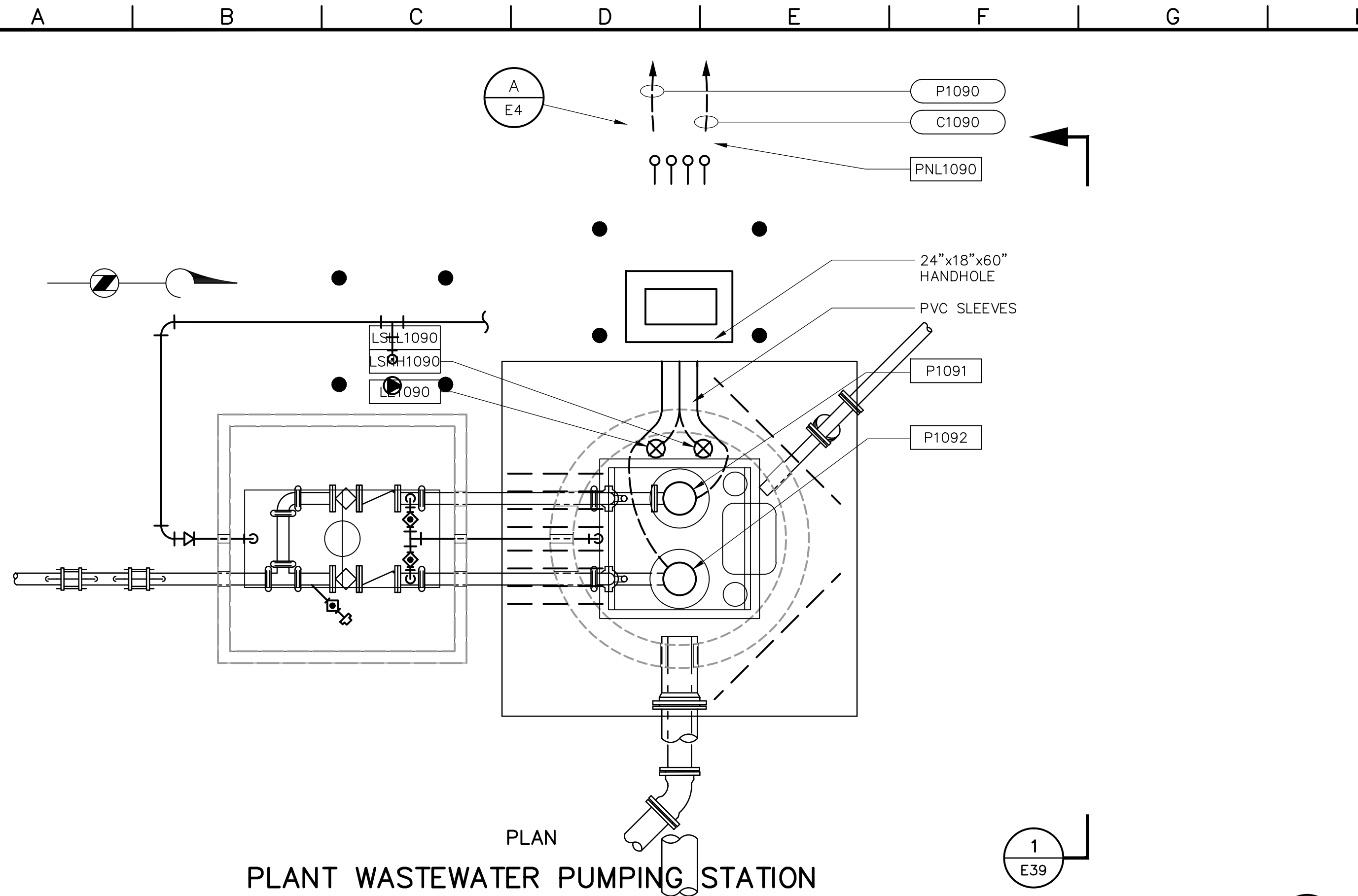
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E36

SHEET NUMBER
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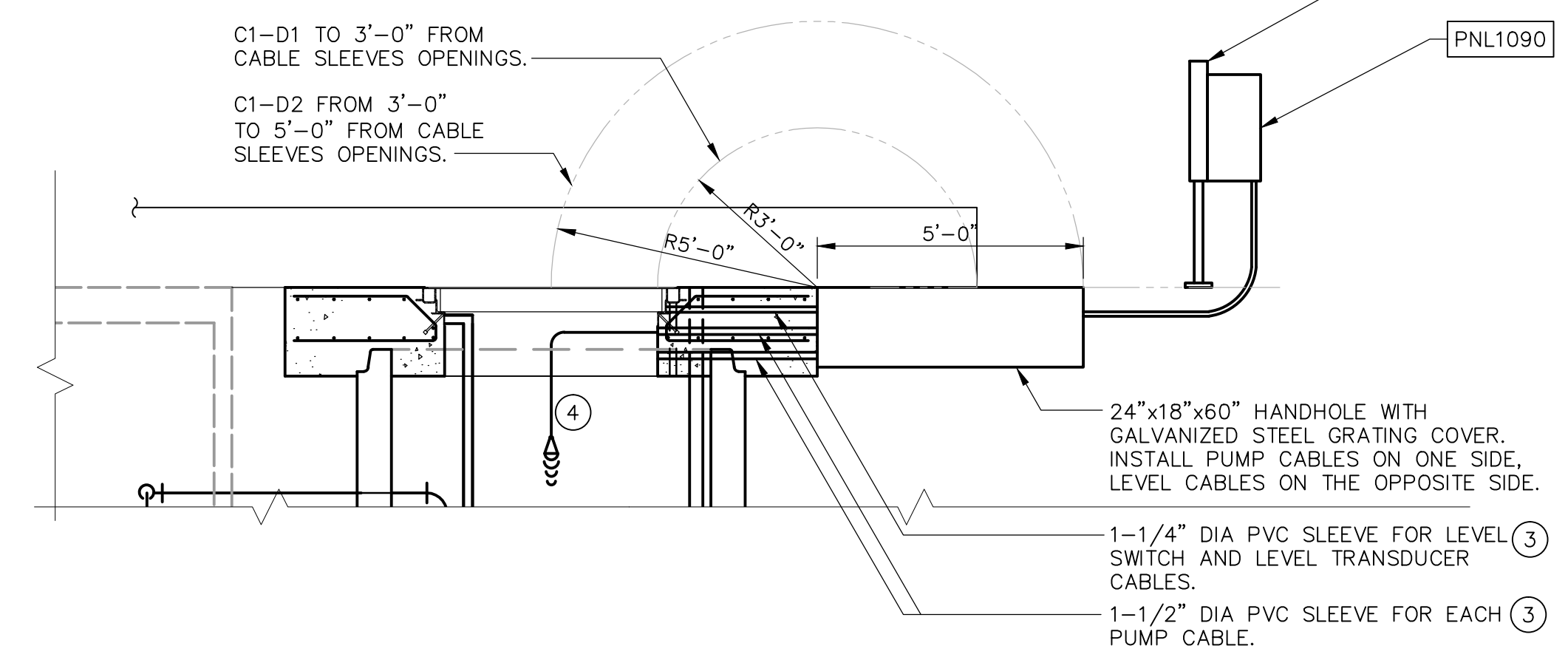
MATCH LINE SEE DWG E35

MATCH LINE SEE DWG E34



PLAN
PLANT WASTEWATER PUMPING STATION

SCALE: 3/8" = 1'-0"

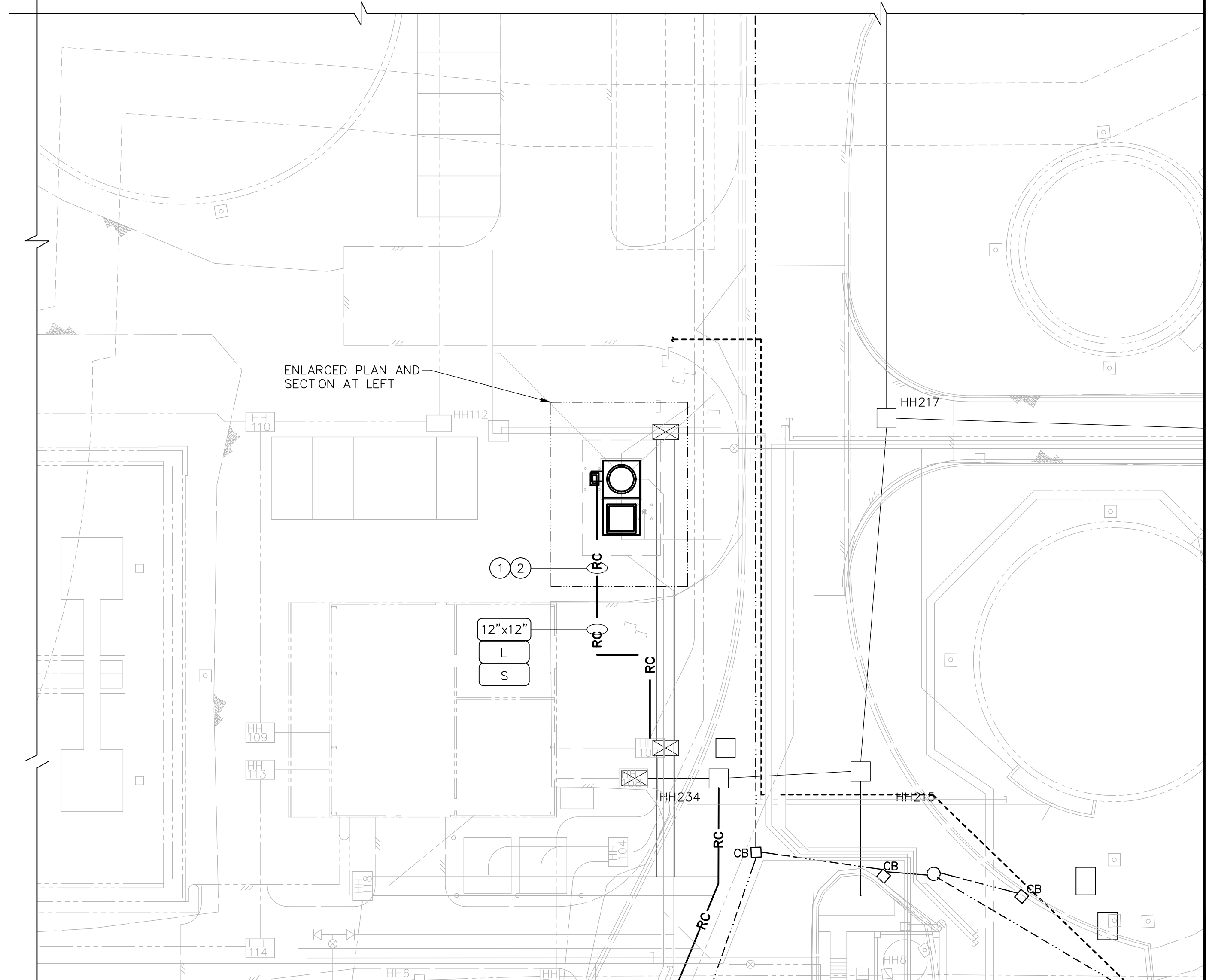
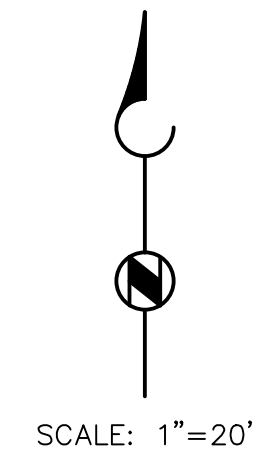


LEVEL TRANSMITTER CONDUIT ROUTING
DETAIL

SCALE: 3/8" = 1'-0"

- GENERAL NOTES:**
- REFER TO M139 FOR PLANT WASTEWATER PUMPING STATION.
 - REFER TO DETAIL-A/E4 SUBMERSIBLE PUMPS.
 - REFER TO 17110 FOR PART-3 INSTALLATION.
 - MOUNT PANEL PNL1090 OUT OF HAZARDOUS ZONE. LEVEL DEVICE SET POINTS PER DIVISION 17 INSTRUMENT INDEX AND CONTROL DESCRIPTIONS.

- KEY NOTES:**
- SEE DRAWING E25 DUCTBANK BLOCK DIAGRAM FOR CIRCUITS TO BLOWER BUILDING
 - SEE DRAWING C25 AND DETAIL-7/C35
 (a) REMOVE: 1" AIR LINE
 3/4" CHLORINE LINE
 2" CHLORINE SOLUTION LINE
 (b) NEW: 4" PD
 8" OF
 - PROVIDE FACTORY CABLE IN SLEEVES EXITING THE PUMP STATION
 - INSTALL ULTRASONIC LEVEL TRANSMITTER AND LEVEL ELEMENT PER MANUFACTURER INSTRUCTIONS



BROWN AND CALDWELL
CONSULTANTS
SEATTLE, WASHINGTON

SUBMITTED: Marvin Moore PROJECT MANAGER DATE: 10/2009
 APPROVED: William Persich DATE: 10/2009
 APPROVED: Brown and Caldwell DATE: _____

FILE	137019
DRAWN	C. RESOP
DESIGNED	H. PACE
CHECKED	G. KUMATAKA
CHECKED	G. KUMATAKA

RECORD DRAWING
DATE: 5/01/12

THIS RECORD DRAWING WAS PREPARED USING INFORMATION REPORTED TO BROWN AND CALDWELL AND CONTAINS ONLY THE STANDARD AND CUSTOMARY LEVEL OF DETAIL. THE INFORMATION WAS NOT INDEPENDENTLY FIELD VERIFIED. THERE IS NO ONGOING PROGRAM TO UPDATE THE DRAWING TO REFLECT CHANGES SUBSEQUENT TO THE DATE INDICATED. THEREFORE, THIS DRAWING CANNOT BE RELIED UPON AS AN EXACT REPRESENTATION OF ACTUAL CONDITIONS.

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

KITSAP COUNTY
CENTRAL KITSAP WWTP
2009 UPGRADE PROJECT

ELECTRICAL
PLANT WASTEWATER PUMPING STATION
PLAN AND SECTION

JULY 2009
DRAWING NUMBER
E39
SHEET NUMBER
176

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