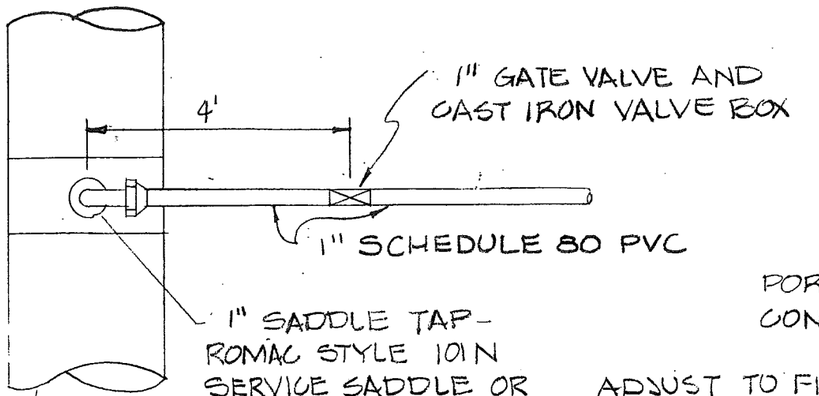
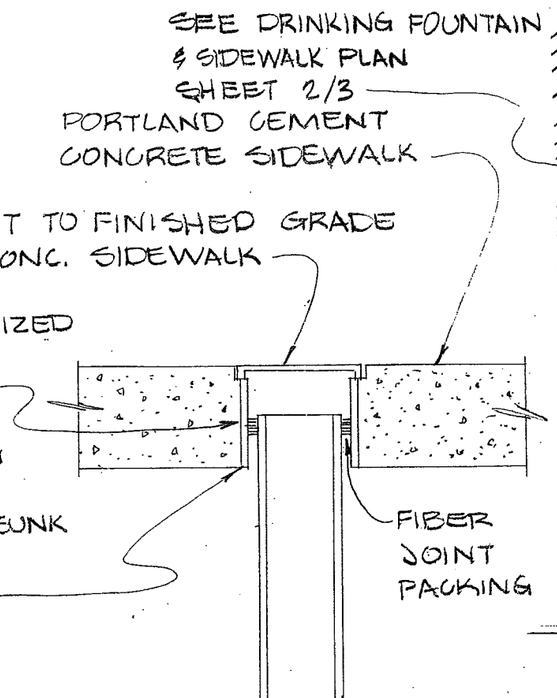
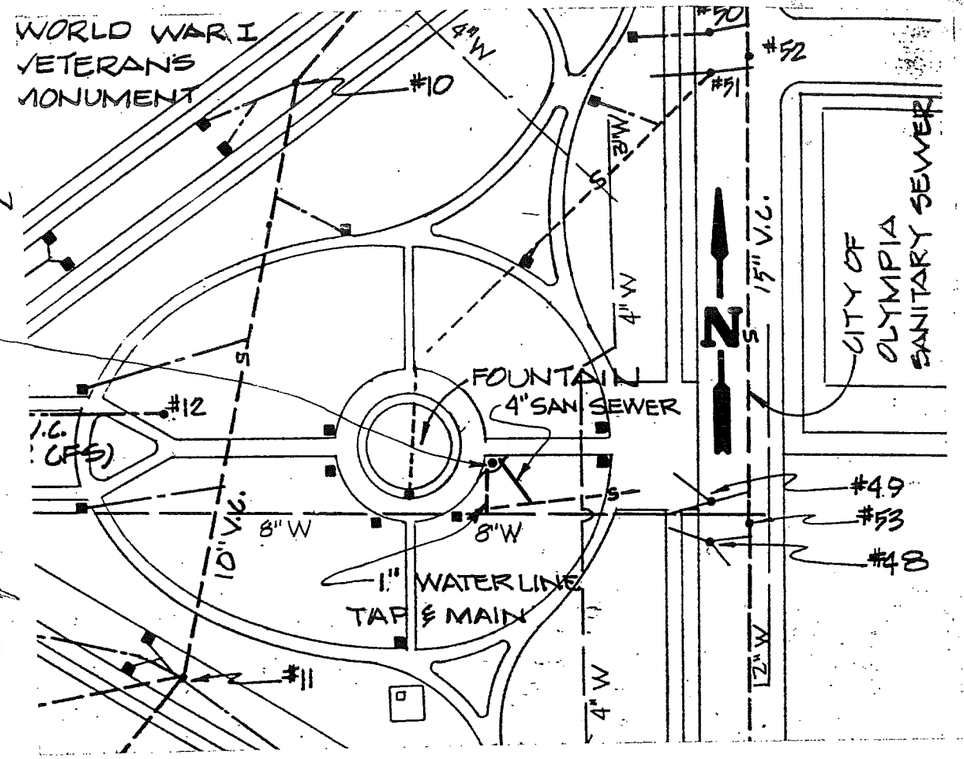




NOTE: PLUGS AND THREADS MUST BE KEPT CLEAN OF CONCRETE.

CLEAN-OUT DETAIL N.T.S.



FOUNTAIN VICINITY MAP NTS

"ASBUILT" 6-23-87

REVISED LOCATION 10/20/86
PROPOSED CHANGE ORDER
FOR DRINKING FOUNTAIN

JEROME W. MORRISSETTE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

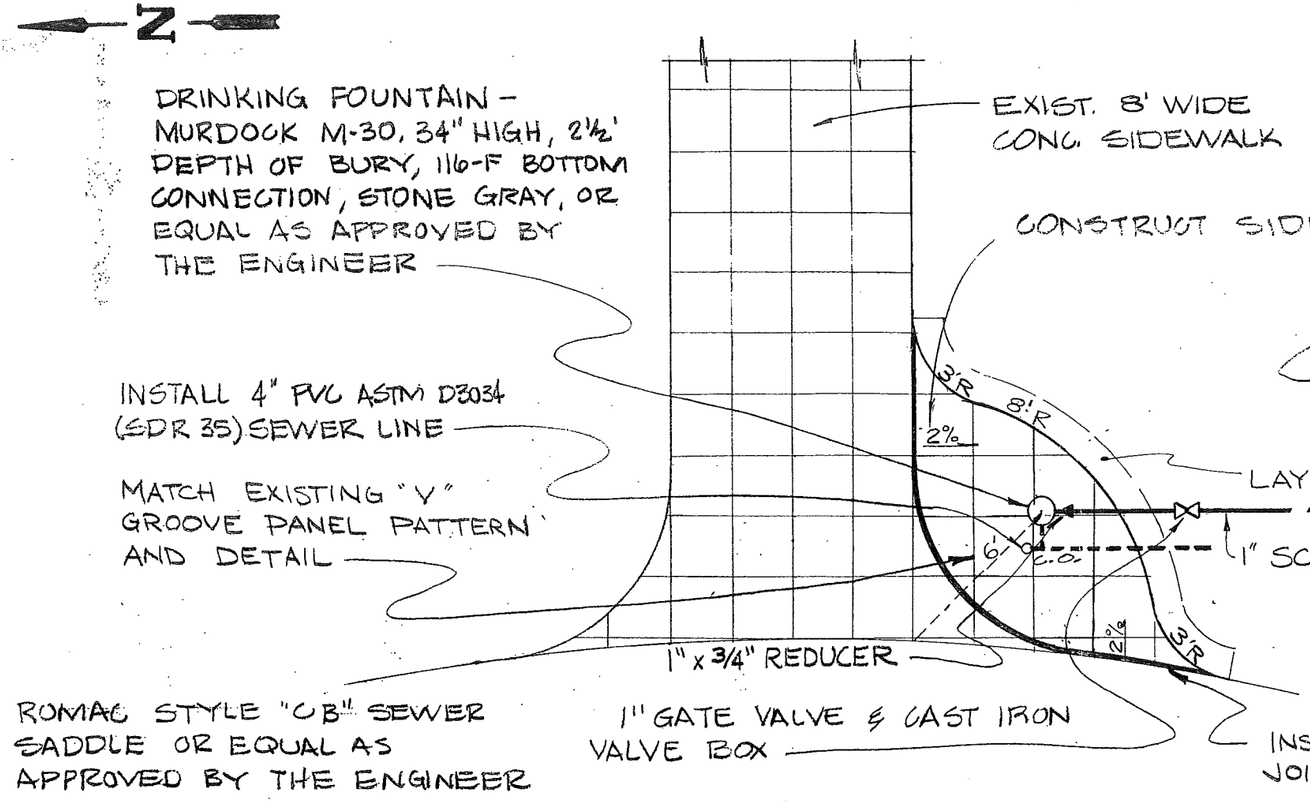
JOB: TIVOLI FOUNTAIN REPAIR

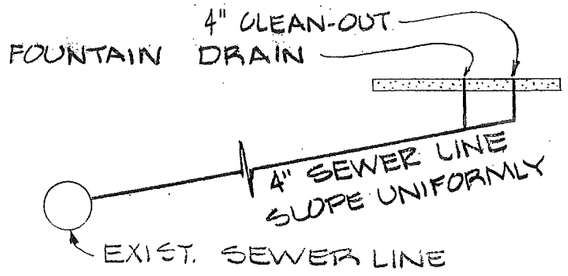
DRAWING: WATER & SEWER DETAILS

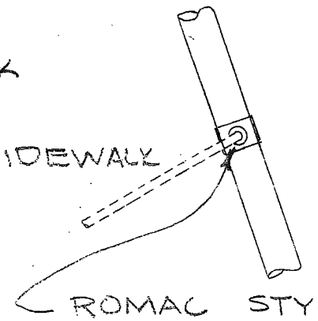
JWMSA
JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING
611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

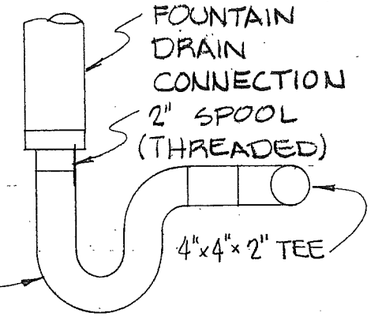
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		1/3
DATE:	DESIGNED BY:	JOB NO:	
JUNE 1986	JWM/DE	85-141	

JWMA # 86107

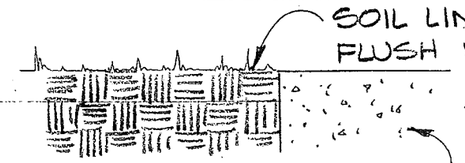








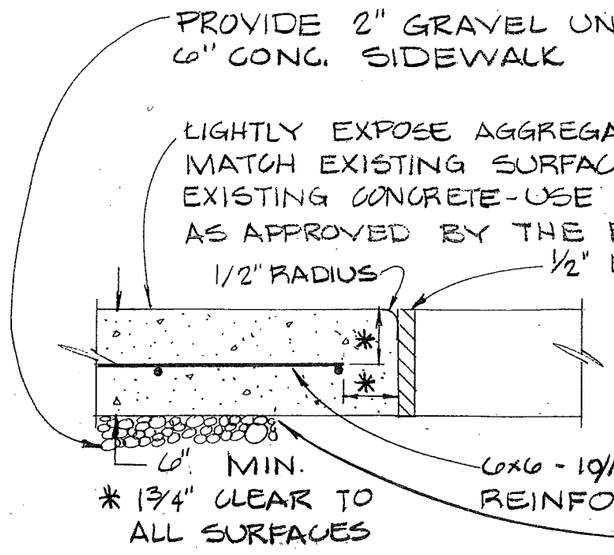
FOUNTAIN BASE @ DRAIN NTS



DRINKING FOUNTAIN & SIDEWALK PLAN 1"=5'

"ASBUILT" 6-23-87

REVISED LOCATION 10/20/86 - PROPOSED CHANGE ORDER FOR DRINKING FOUNTAIN



SIDEWALK SECTION N.T.S.

JEROME W. MORRISSETTE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

JOB: TIVOLI FOUNTAIN REPAIR

DRAWING: DRINKING FOUNTAIN PLANS

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611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		2/2
DATE: JUNE 1986	DESIGNED BY: JWM/DE	JOB NO: 85-141	

GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT MR. RICH DITTBENNER FOR DRAWINGS OF EXISTING UTILITIES BEFORE DOING ANY EXCAVATION, OFFICE BUILDING #2, PHONE (206) 753-0383.

2. PRODUCT SUBMITTALS SHALL BE MADE IN CONFORMANCE WITH SECTION 104 OF THE CONTRACT SPECIFICATIONS.

3. REMOVE, STORE, AND REPLACE SOD AS DIRECTED BY THE ENGINEER.

4. EXCESS MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER.

5. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE EXISTING SEWER LINE AT THE POINT OF CONNECTION. THE PROFILE OF THE DRINKING FOUNTAIN DRAIN SHALL BE ADJUSTED SO THAT IT SLOPES UNIFORMLY FROM THE DRINKING FOUNTAIN TO THE EXISTING SEWER LINE.

6. PROVIDE 36" MIN. COVER FOR THE WATERLINE.

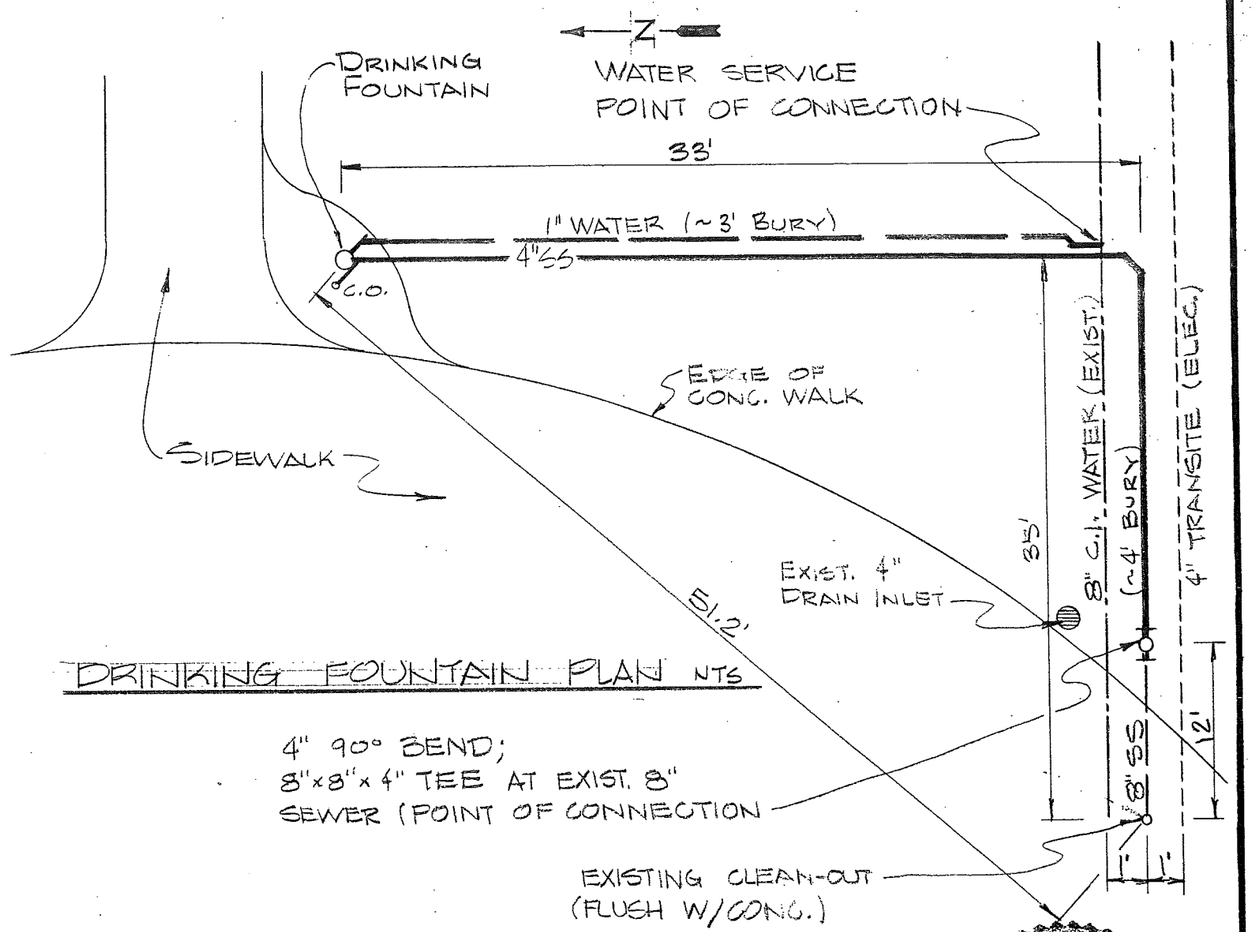
7. ALL BACKFILL SHALL BE COMPACTED TO 90% OF THE MAXIMUM DENSITY.

8. PROTECT LAWNS AND SIDEWALK FROM ALL WHEEL LOADS OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE TRUCKS, USING METHODS AS APPROVED BY THE ENGINEER. IF ANY EQUIPMENT HAS TO BE OPERATED ON THE SIDEWALK, PRIOR APPROVAL IS REQUIRED.

9. PROTECT LAWNS FROM EXCAVATED MATERIALS USING METHODS AS APPROVED BY THE ENGINEER.

10. THE CONTRACTOR SHALL SUBMITT TWO (2) COPIES OF AS BUILT DRAWINGS OF THE IMPROVEMENTS FOR THE ENGINEER'S APPROVAL.

11. OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY STATE AND LOCAL AUTHORITIES. DURING PROGRESS, THE WORK WILL BE OBSERVED BY THE ENGINEER OR AUTHORIZED REPRESENTATIVE AND BY STATE AND LOCAL BUILDING INPECTORS. COMPLIANCE CERTIFICATES SHALL BE FURNISHED TO THE OWNER. NOTIFY THE ENGINEER IN WRITING WHEN CERTICIATES HAVE BEEN DELIVERED. THE CONTRACTOR SHALL INCLUDE THE COSTS OF ALL PERMITS AND INPECTIONS OTHER THAN BUILDING PERMITS AND PLAN REVIEWS IN THE BID AND NO SEPARATE COMPENSATION SHALL BE MADE.



DRINKING FOUNTAIN PLAN NTS

4" 90° BEND;
8"x8"x4" TEE AT EXIST. 8" SEWER (POINT OF CONNECTION

EXISTING CLEAN-OUT (FLUSH W/CONC.)

"ASBUILT" 6-23-87

PROPOSED CHANGE ORDER FOR DRINKING FOUNTAIN JWMA# 86107

JEROME W. MORRISSETTE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

THE UTILITY LOCATIONS SHOWN HEREON ARE BASED IN PART UPON THE RECORDS OF THE VARIOUS UTILITIES. THE CONTRACTOR SHALL FIELD CONFIRM THE LOCATION, SIZE, AND DEPTH OF ALL PERTINENT UTILITIES TO ASSESS THEIR IMPACT ON THE CONSTRUCTION. ("CALL BEFORE YOU DIG" TELEPHONE NUMBER IS 1-800-424-5555).

JOB: TIVOLI FOUNTAIN REPAIR

DRAWING: DRINKING FOUNTAIN NOTES

JWMSA
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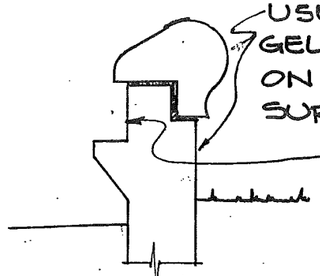
611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

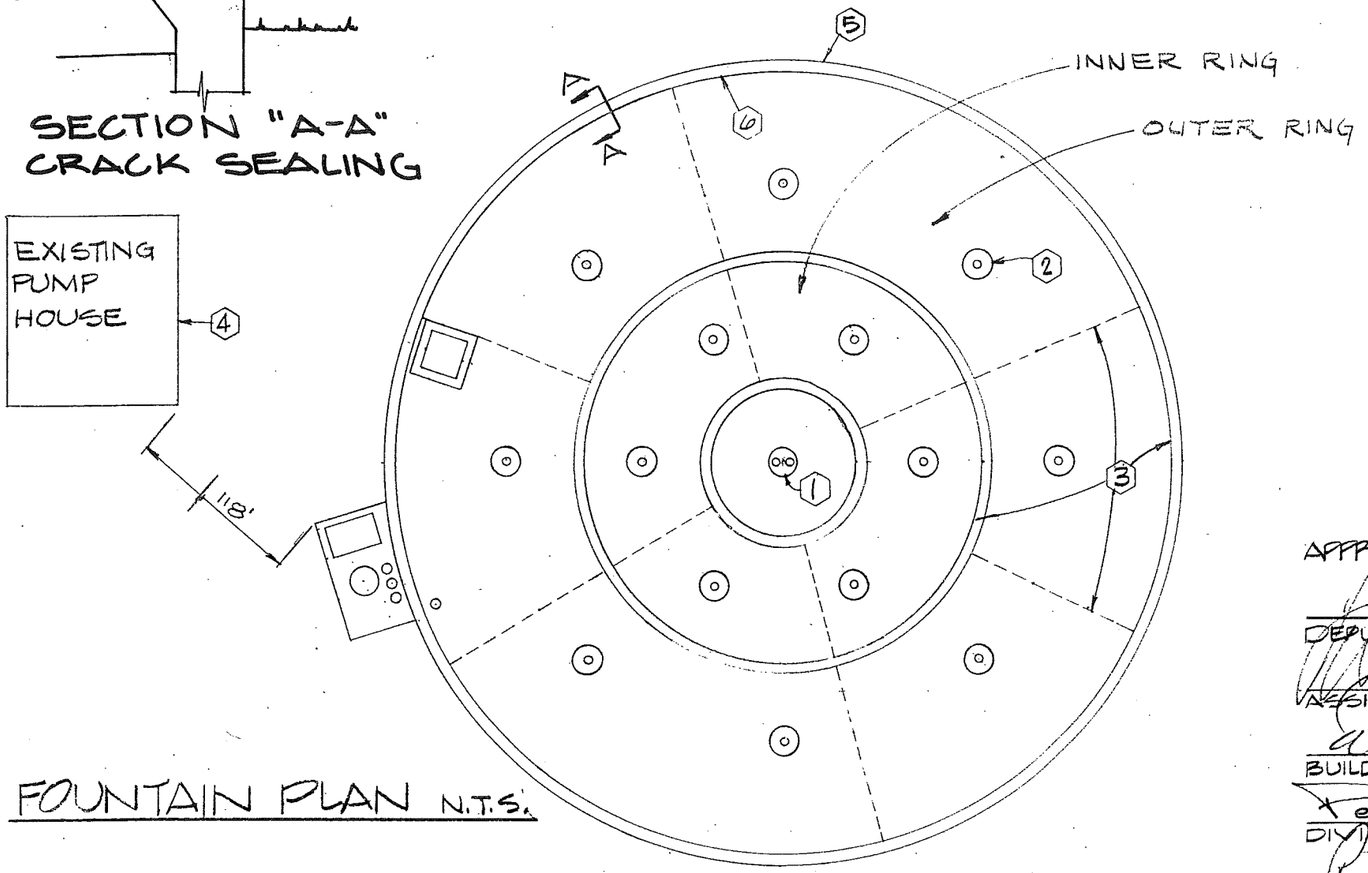
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
NO SCALE	DJZ		3/3
DATE: JUNE 1986	DESIGNED BY: JWM/PE	JOB NO: 85-141	



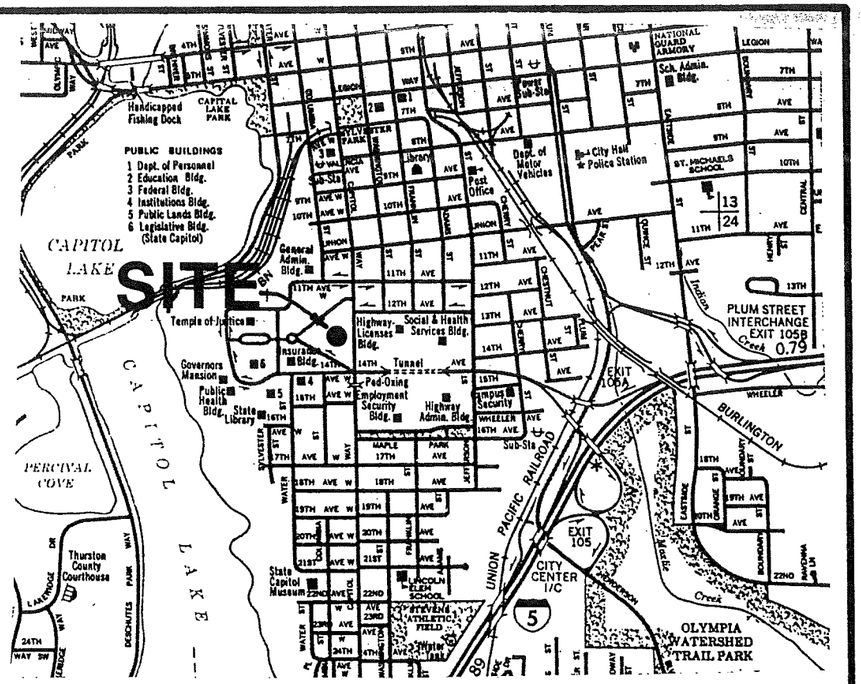
SECTION "A-A"
CRACK SEALING

N

CALL 48 HOURS BEFORE YOU DIG - 1-800-424-5555



FOUNTAIN PLAN N.T.S.



VICINITY MAP N.T.S.

APPROVALS:

DEPUTY DIRECTOR, STATE FACILITIES	6/20/86 DATE
ASSISTANT SUPERVISOR STATE FACILITIES	6-20-86 DATE
BUILDINGS AND GROUNDS DEPARTMENT	6-20-86 DATE
DIVISION OF ENGINEERING & ARCHITECTURE	6.20.86 DATE
ENERGY MANAGEMENT SECTION	6/19/86 DATE

CONSTRUCTION NOTES:

1. REPLACE CENTER JET LEAF SHIELD & LIGHTING (SEE SHEET 2)
2. REPLACE PLINTH LEAF SHIELD & LIGHTING - TYP. OF 14 (SEE SHEET 3)
3. SEAL ALL EXPANSION JOINTS (SEE SHEET 5) ALT. BID ITEM A-1 TYPICAL LOCATIONS SHOWN
4. REPLACE CONTROLLER AND PANELS (SEE SHEET 5,6,7,9,10)
5. SURFACE SEAL OUTER FACE THIS RING ONLY - ALT. BID ITEM A-3
6. CRACK SEAL OUTSIDE RING ONLY - ALT. BID ITEM A-2

JEROME W. MORRISSETTE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
6/19/86

JOB: TIVOLI FOUNTAIN REPAIR
DRAWING: FOUNTAIN PLAN, VICINITY MAP

JWMSA
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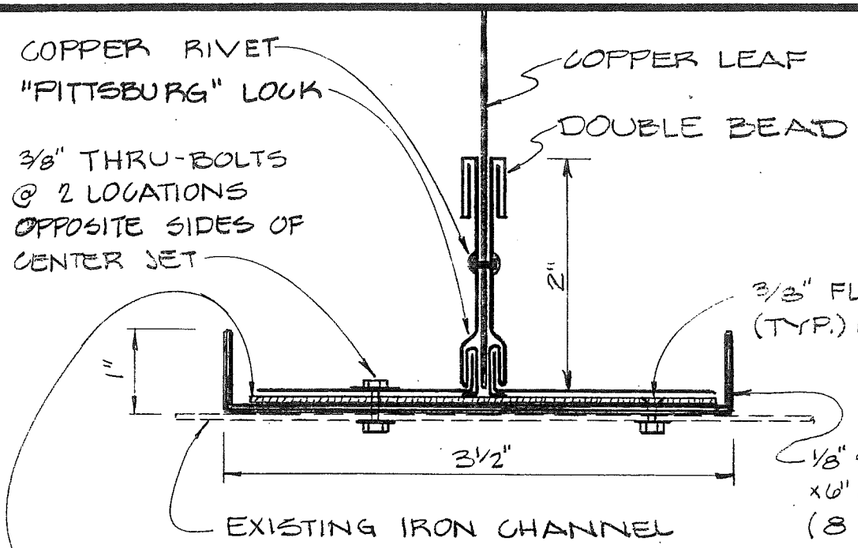
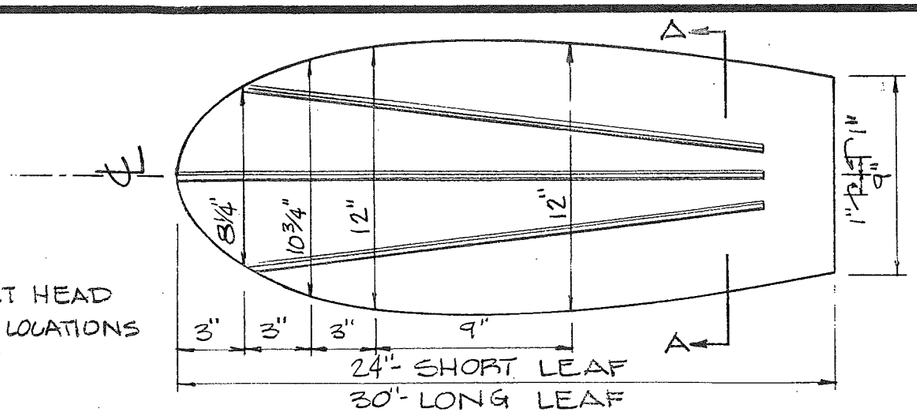
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING
611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

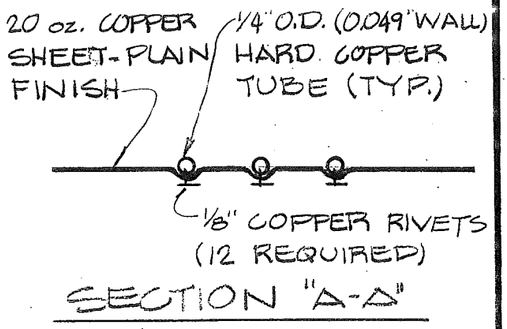
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		1/10
DATE: MAY 1986	DESIGNED BY: SWM, DE	JOB NO: 85-141	



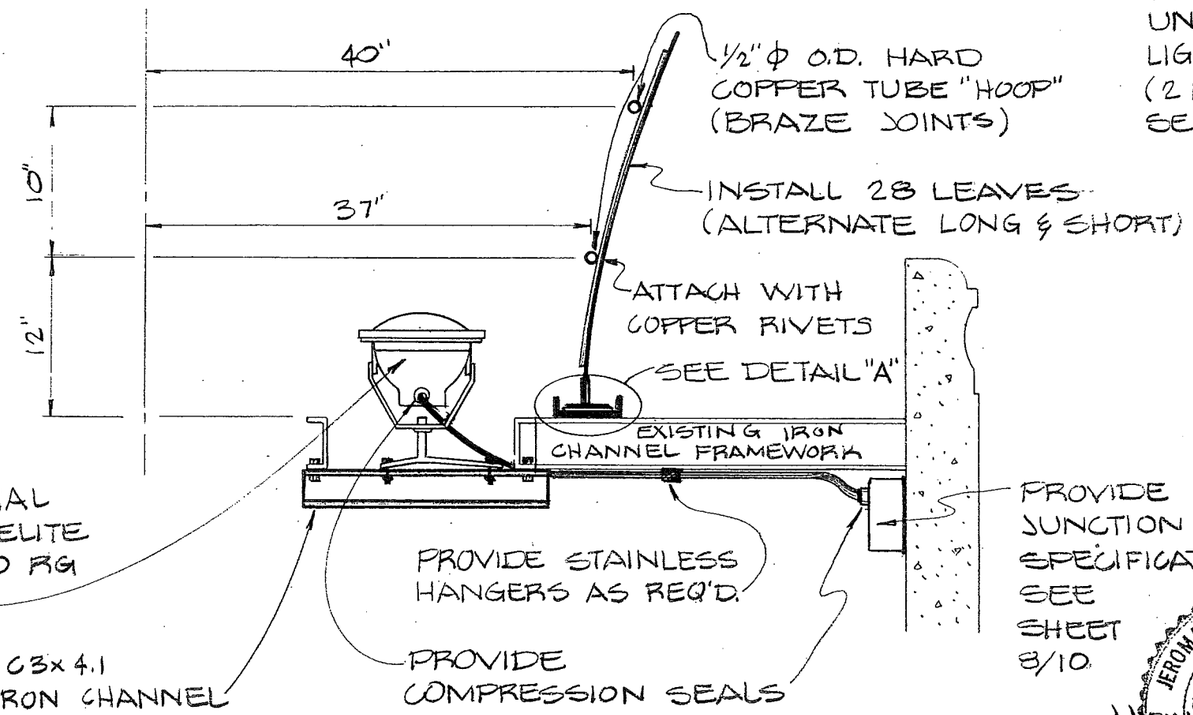
DETAIL "A"
TYPICAL 8 LOCATIONS



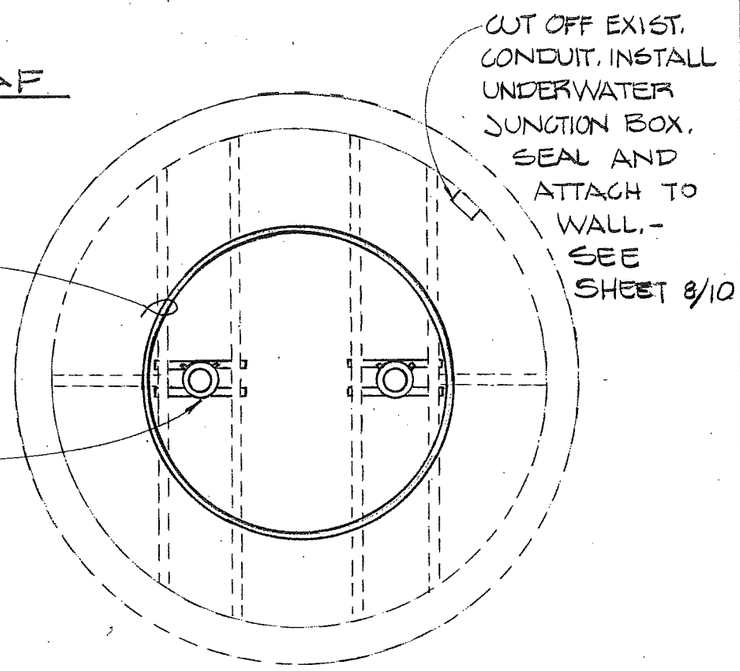
CENTER JET LEAF



SECTION "A-A"



SECTION



CENTER JET PLAN

JEROME W. MORRISSETTE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
6/19/80

JOB: TIVOLI FOUNTAIN REPAIR

DRAWING: CENTER JET LEAF SHIELD & LIGHTING

JWMSA
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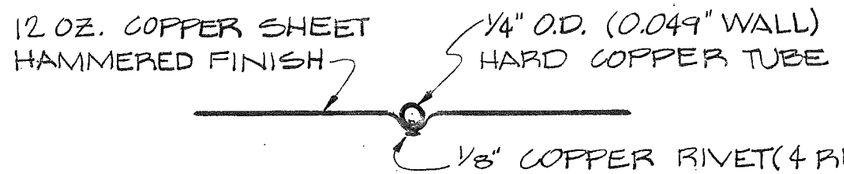
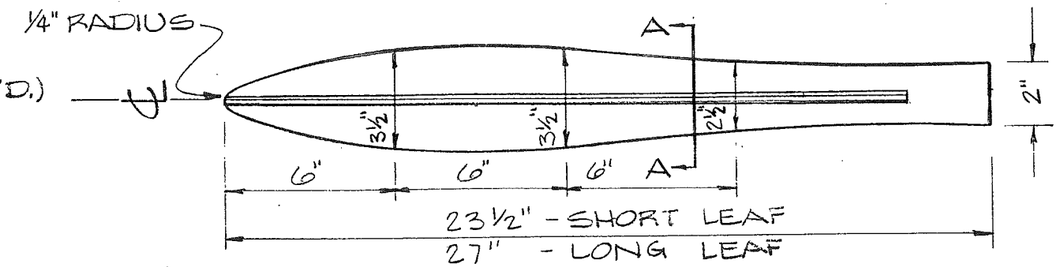
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING
611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

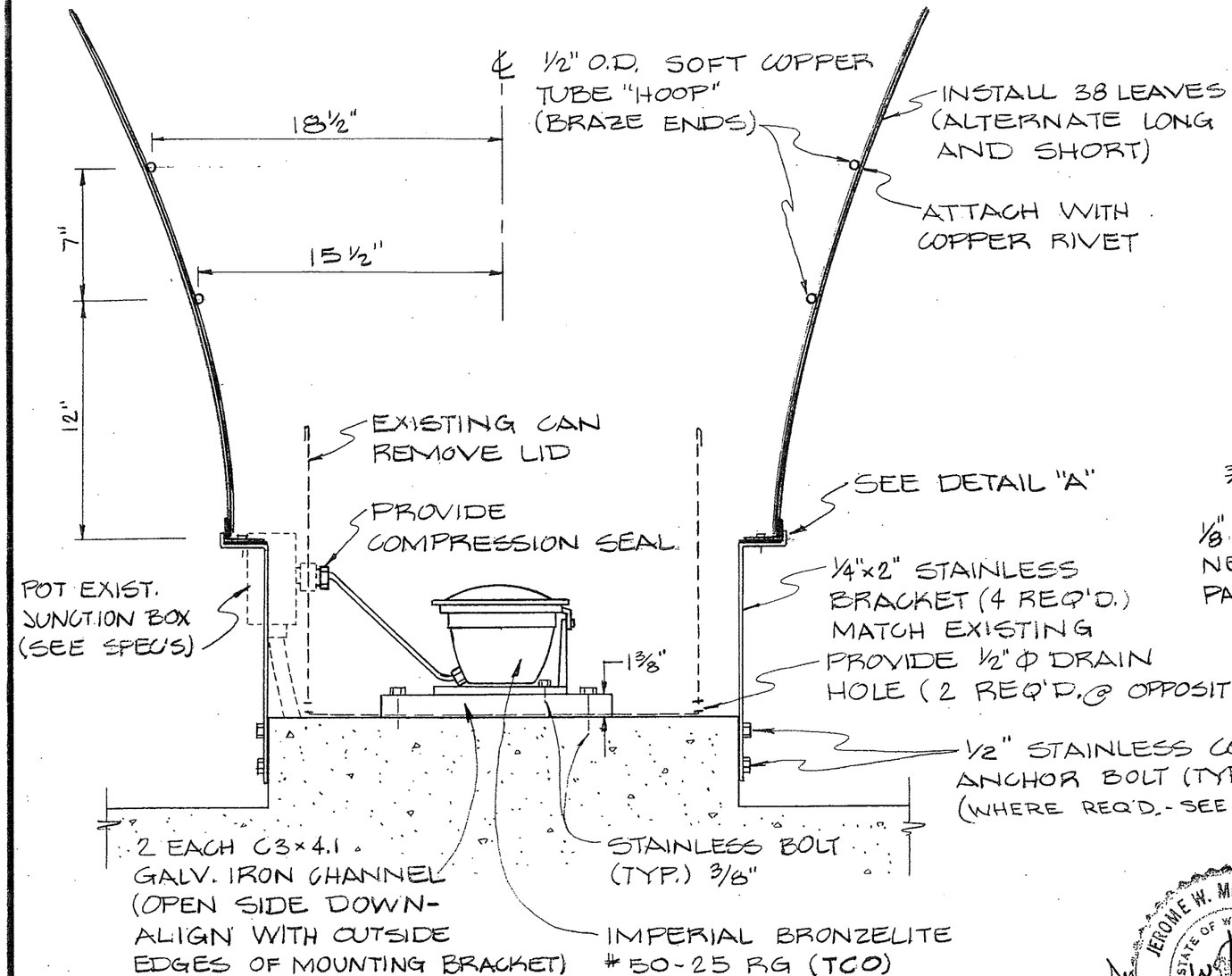
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
NO SCALE	DF, DZ		9/10
DATE:	DESIGNED BY:	JOB NO:	
MAY, 1980	SWM, DE	8.5-141	



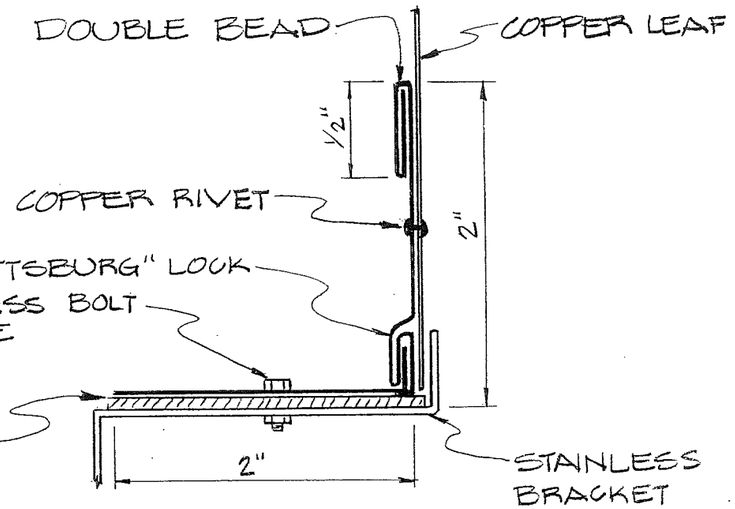
SECTION "A-A"



PLINTH LEAF



PLINTH SECTION



DETAIL "A"

JEROME W. MORRISSETTE
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER
6/19/86

JOB: TIVOLI FOUNTAIN REPAIR

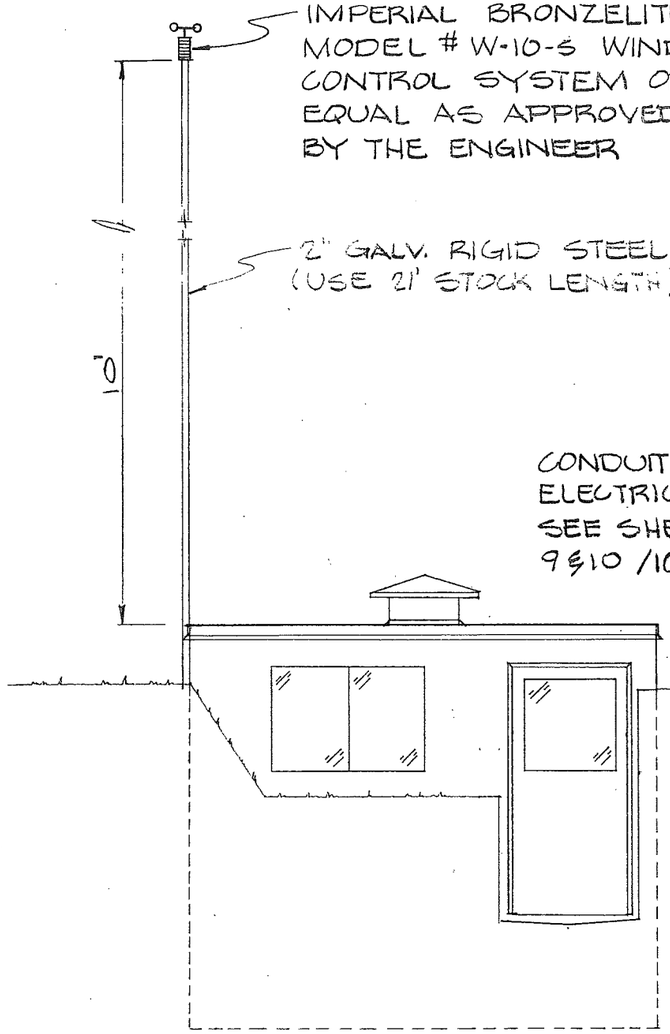
DRAWING: PLINTH LEAF SHIELD & LIGHTING

JWMSA

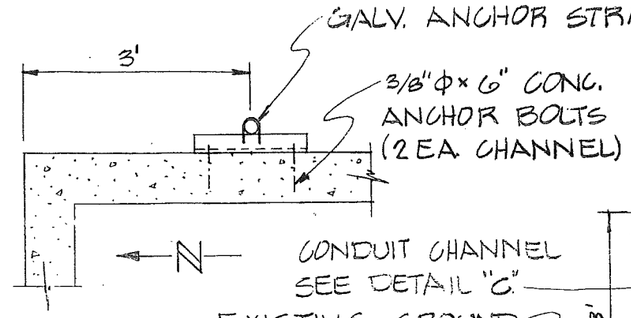
JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING

611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

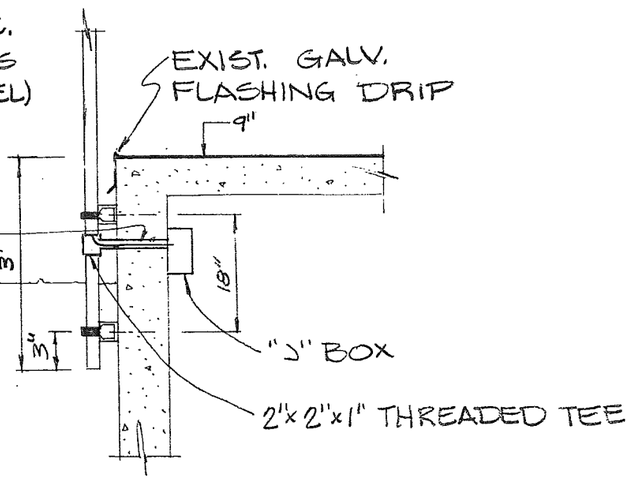
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
NO SCALE	DF, DZ		3/10
DATE: MAY 1986	DESIGNED BY: SWM, DE	JOB NO: 85-141	



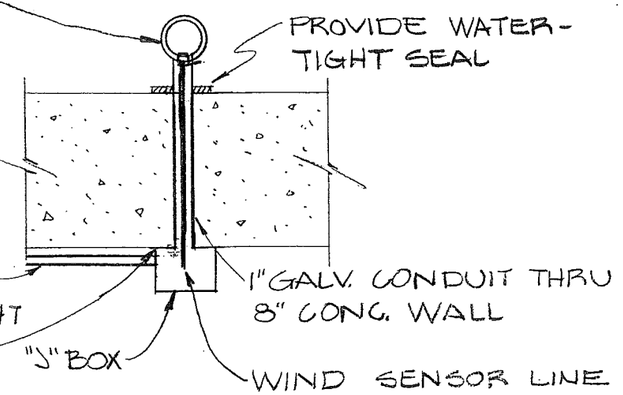
PUMP HOUSE
NORTH ELEVATION 1/4"=1'-0"



DETAIL "A" 1/2"=1'-0"



DETAIL "B" 1/2"=1'-0"



DETAIL "C" 1 1/2"=1'-0"

JEROME W. MORRISSETTE
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
6/17/86

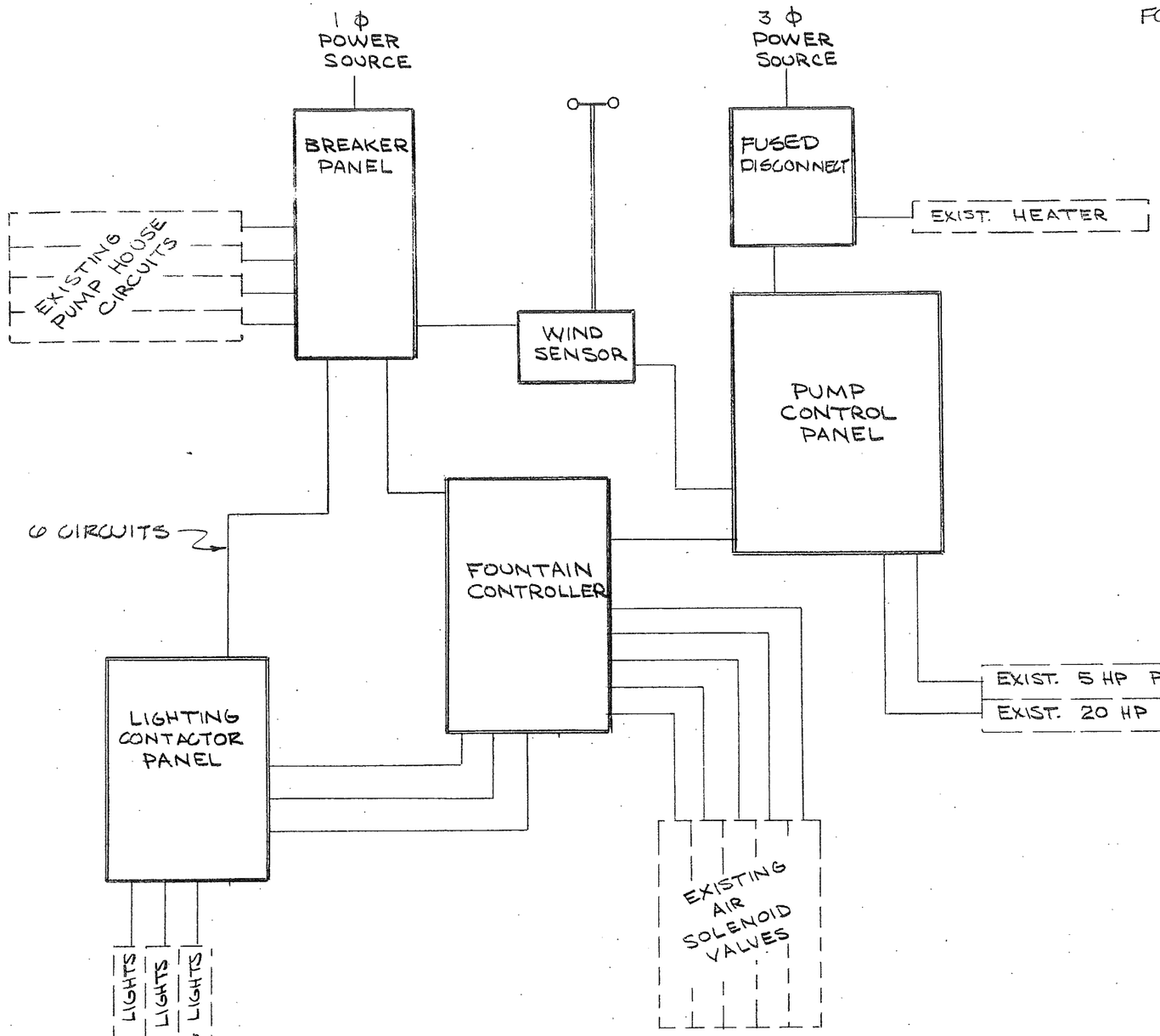
JOB: TIVOLI FOUNTAIN REPAIR

DRAWING: WIND SENSOR DETAILS

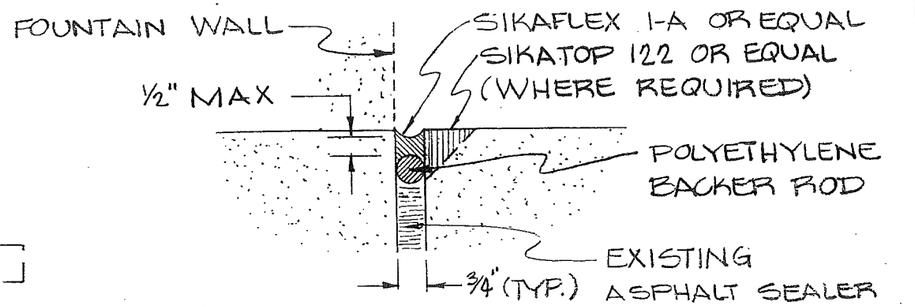
JWM&A

JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING
611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

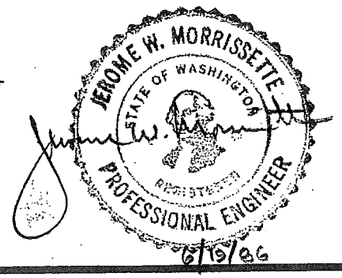
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DJZ		4/10
DATE: MAY 1986	DESIGNED BY: SWM/DE	JOB NO: 85-141	



INTERCONNECTING SCHEMATIC



TYPICAL JOINT SEAL N.T.S.



JOB: TIVOLI FOUNTAIN REPAIR

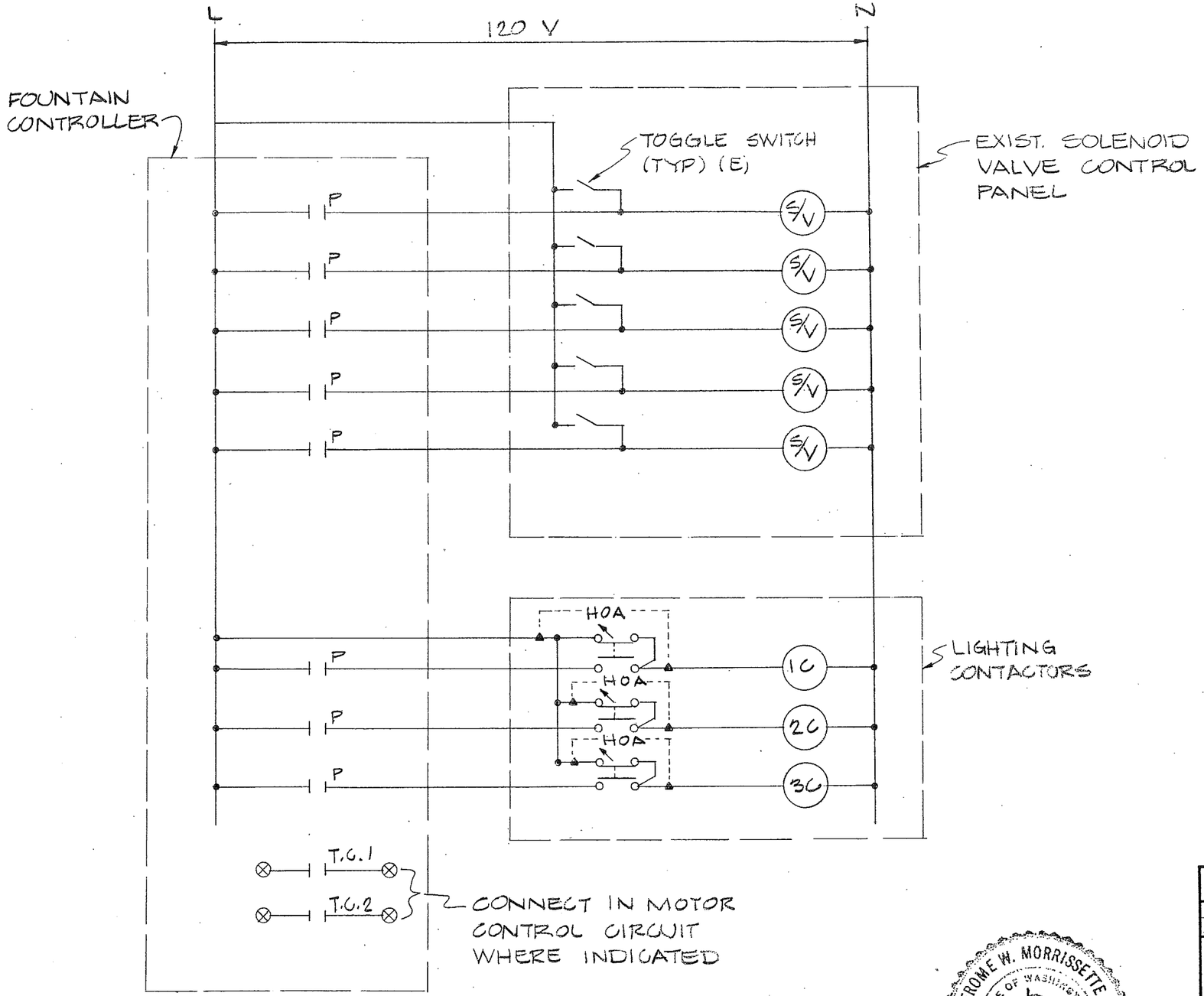
DRAWING: INTERCONNECTING SCHEMATIC/ JOINT SEAL

JWMSA

JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING

611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501 206-352-9456

SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
NO SCALE	DF/DZ		5/10
DATE: MAY 1986	DESIGNED BY: JWM/DE	JOB NO: 85-141	



LEGEND

- (E) EXISTING
- S/V — SOLENOID VALVE
- 1C — CONTACTOR
- P — PROGRAMED OUTPUT - NORMALLY OPEN
- T.C. — TIME CLOCK OUTPUT
- SWITCH
- CIRCUIT BREAKER - AMP RATING AS INDICATED
- FLEXIBLE CONDUIT

JEROME W. MORRISSETTE — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

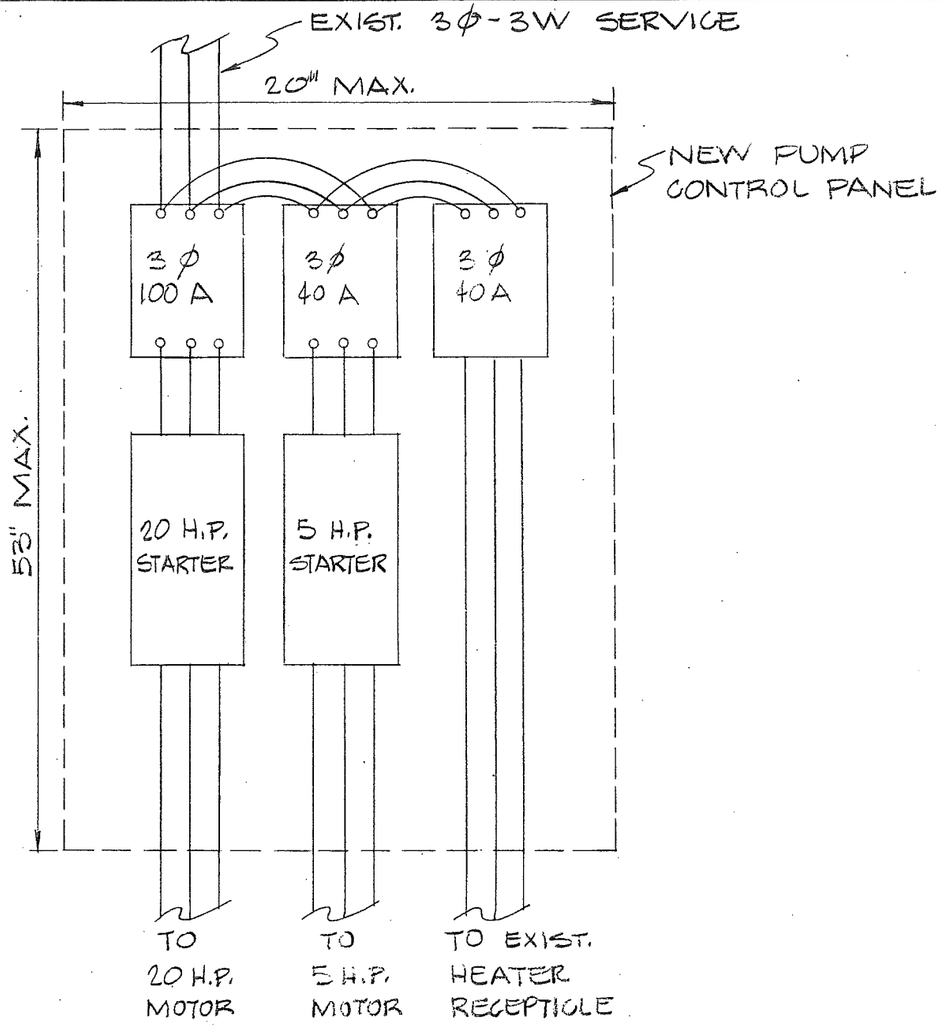
6/19/86

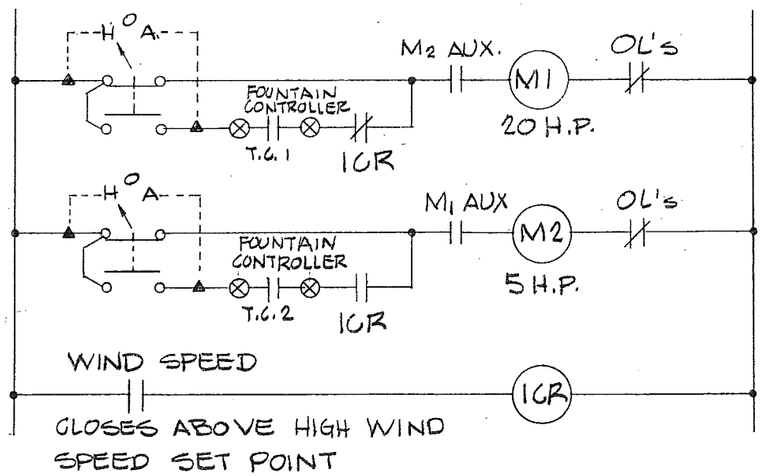
JOB: TIVOLI FOUNTAIN REPAIR

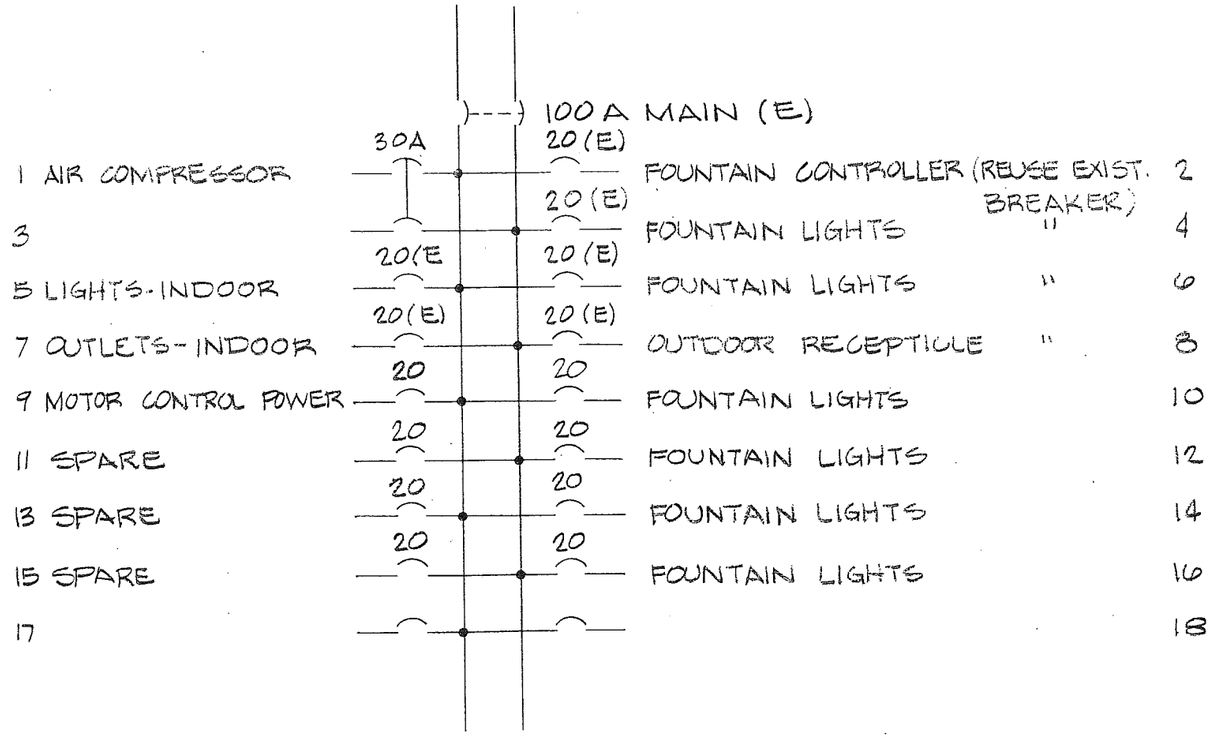
DRAWING: ELECTRICAL FACILITIES

JWM&A
JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING
611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		6/10
DATE: JUNE 1986	DESIGNED BY: JWM/DE	JOB NO: 85-191	







PANEL SCHEDULE

EXIST. PANEL "B"
120/240 V, 1φ, 3W, 100A

SEE LEGEND SHEET 9/10

JEROME W. MORRISSETTE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
6/17/86

JOB: TIVOLI FOUNTAIN REPAIR
DRAWING: ELECTRICAL FACILITIES

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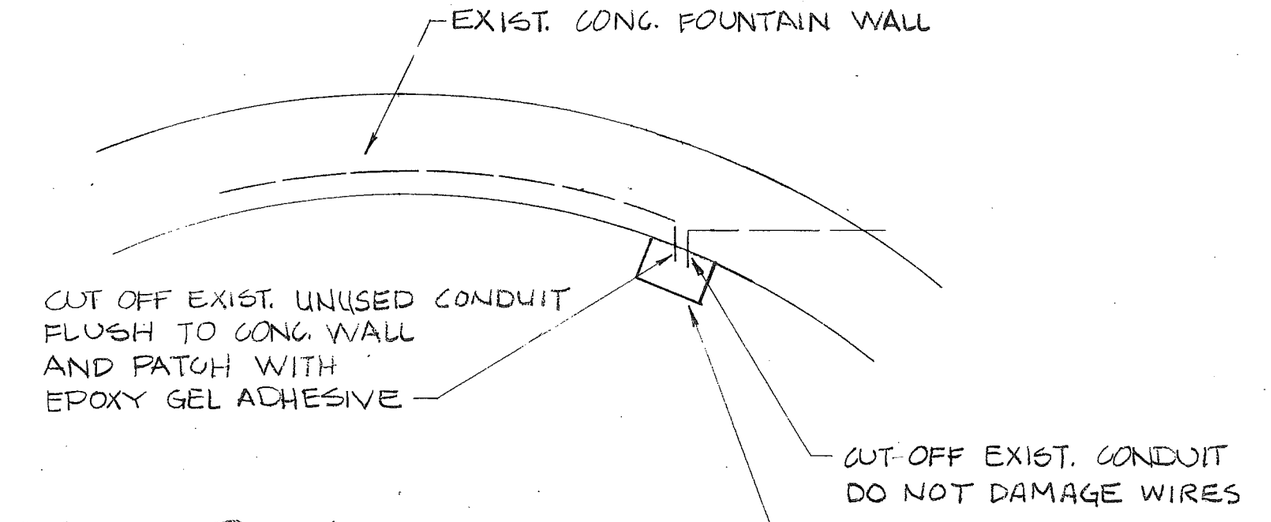
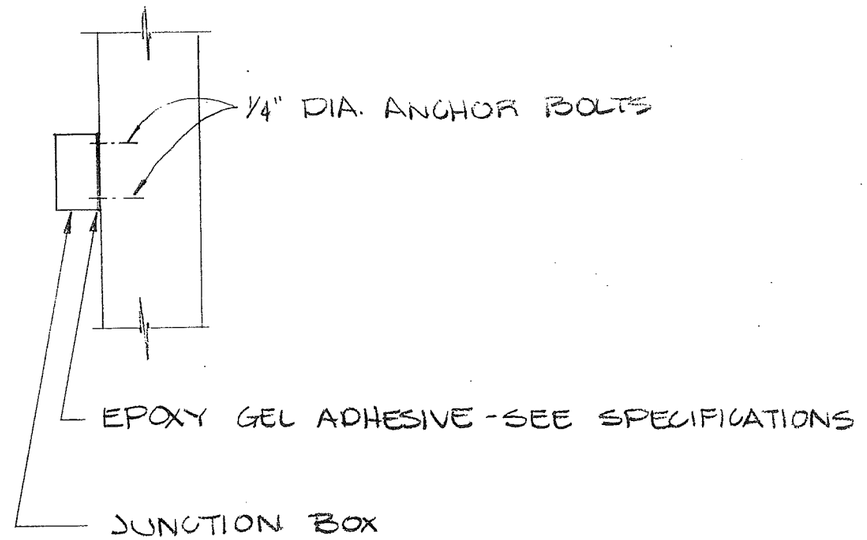
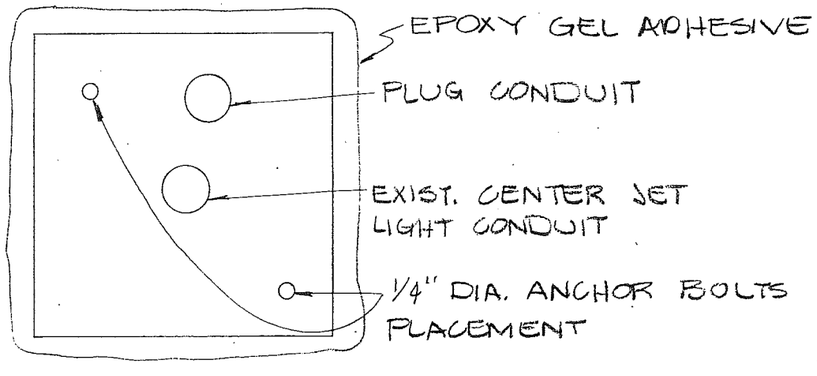
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		7/10
DATE: JUNE 1986	DESIGNED BY: SWM/DE	JOB NO: 85-141	



"J" BOX PLAN N.T.S.



"J" BOX SECTION N.T.S.



"J" BOX ELEVATION N.T.S.

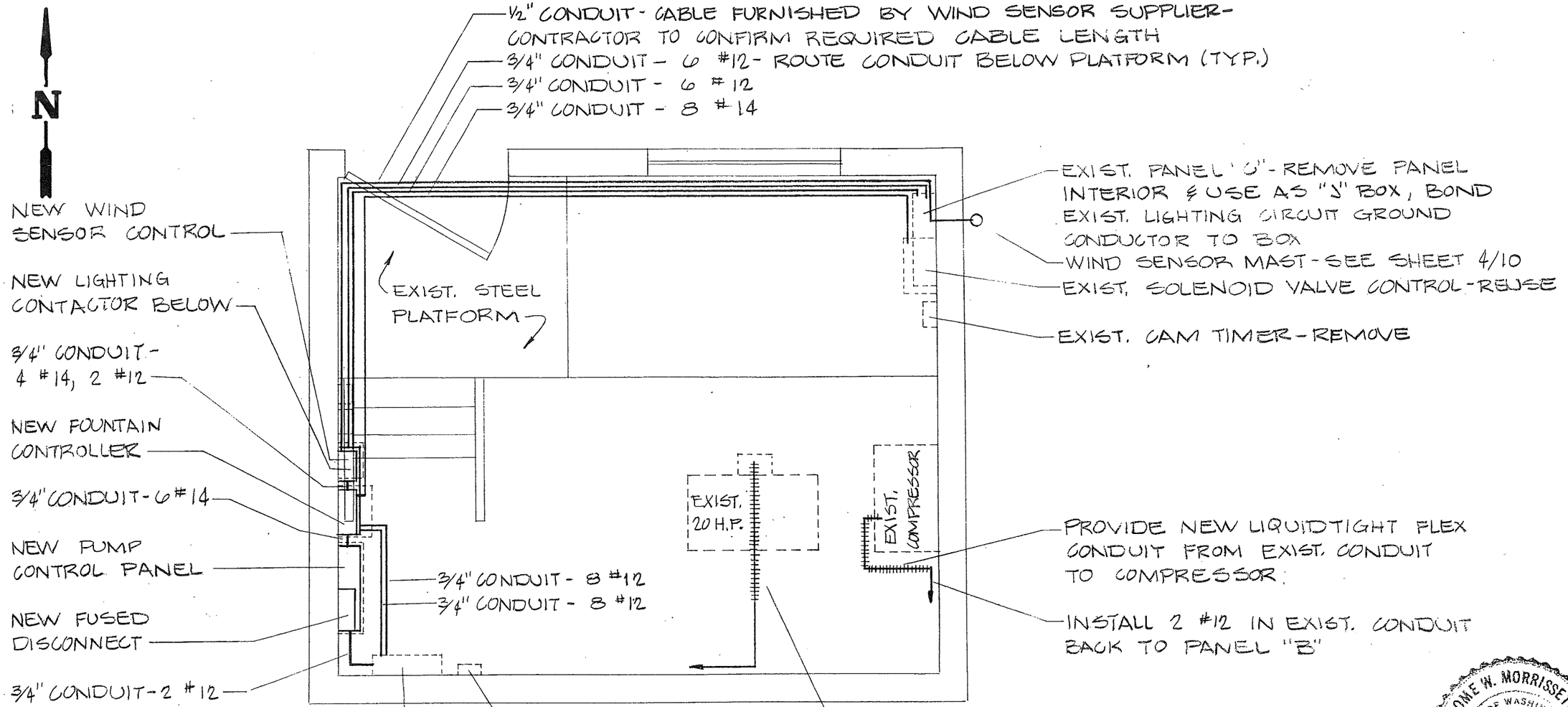
JEROME W. MORRISSETTE
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER
6/13/86

JOB: TIVOLI FOUNTAIN REPAIR

DRAWING: "J" BOX DETAILS (FOUNTAIN CENTER)

JWM&A
JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
CIVIL AND MUNICIPAL ENGINEERING AND PLANNING
611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
206-352-9456

SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		9/10
DATE: JUNE 1986	DESIGNED BY: JWM/DE	JOB NO: 85-141	



SEE LEGEND SHEET 6/10

JEROME W. MORRISSETTE — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 6/19/86

PUMP HOUSE CONTROL LAY-OUT 1/2"=1'

NOTE:
1. ROUTE ALL RIGID CONDUIT ALONG ADJACENT WALLS - PROVIDE UNIFORM UNKINKED BENDS WHERE ANGLES ARE SHOWN
2. SEE ALSO SHEET 10/10 FOR WEST WALL ELEVATION.

JOB: TIVOLI FOUNTAIN REPAIR
DRAWING: PUMP HOUSE CONTROL LAY-OUT

JWMSA
JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
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611 NORTH COLUMBIA SUITE 'E'
OLYMPIA, WASHINGTON 98501
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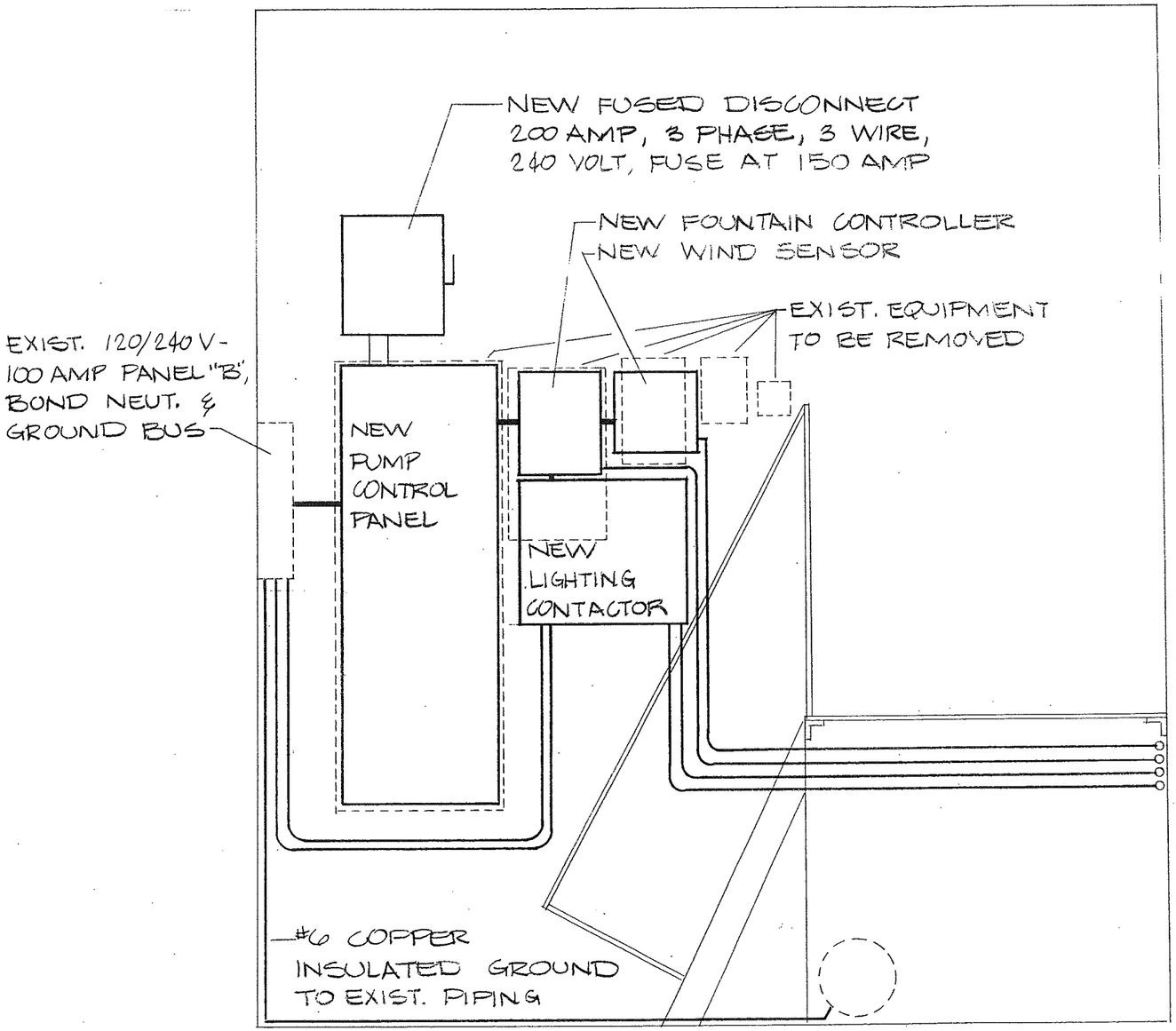
SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		9/10
DATE: JUNE 1986	DESIGNED BY: SWM/DE	JOB NO: 85-141	



PUMP HOUSE CONTROL
WEST WALL ELEVATION 3/4" = 1'

JEROME W. MORRISSETTE
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER
6/19/86

JOB: TIVOLI FOUNTAIN REPAIR

DRAWING: PUMP HOUSE CONTROL PLAN

JWMSA

JEROME W. MORRISSETTE AND ASSOCIATES INC, P.S.
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SCALE:	DRAFTSMAN:	CHECKED BY:	SHEET:
AS NOTED	DZ		10/10
DATE: JUNE 1986	DESIGNED BY: SWM/DE	JOB NO: 85-141	

INPUT			OUTPUT			BLANK	
○	○	○ 20 H.P.	○ P-1	○ P-5	○ 20 H.P.	○	○
○	○	○ 5 H.P.	○ P-2	○ ORL	○ 5 H.P.	○	○
○	○	○	○ P-3	○ IRL	○	○	○
○	○	○	○ P-4	○ CL	○	○	○

ORL OUTER RING LIGHTS
IRL INNER RING LIGHTS
CL CENTER LIGHTS

P-1 OUTER RING
P-2 INNER RING
P-3 DOME
P-4 UMBRELLA
P-5 CENTER JET

FOUNTAIN CONTROLLER
PROGRAM CARD ASSIGNMENTS

"ASBUILT" 6-23-87