COE LAKE PARK IMPROVEMENTS PROJECT

BEREA COMMONS, BEREA OHIO 44017

CITY OF BEREA

11 BEREA COMMONS
BEREA, OHIO 44017

THE HONORABLE STANLEY J. TRUPO, MAYOR
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ARCHITECT

CITY DESIGN & ARCHITECTURE INC.

PLANNING CONSULTANT

PLANNING RESOURCES INC.

STRUCTURAL ENGINEER

HAMMONTREE & ASSOCIATES LTD.

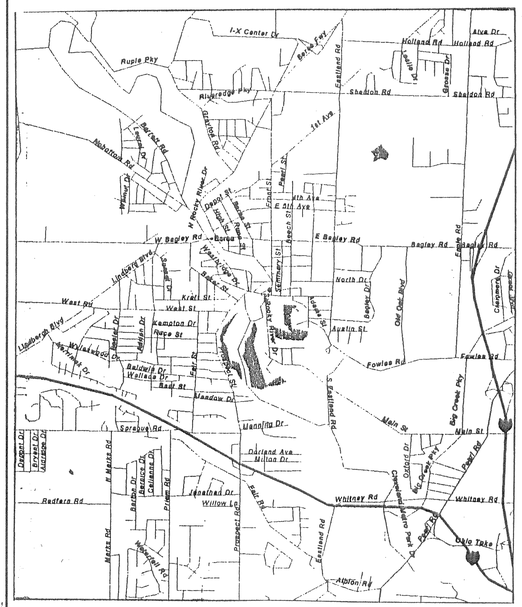
MECHANICAL ENGINEER

LEE GOOD ENGINEERING INC.

ELECTRICAL ENGINEER

HORN ENGINEERING

LOCATION MAP



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THIS PROJECT IS FUNDED IN WHOLE OR IN PART WITH FUNDS PROVIDED BY THE OHIO DEPARTMENT OF NATURAL RESOUCES.

natureWORKS
Ohio's Natural Investment

City Design
and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

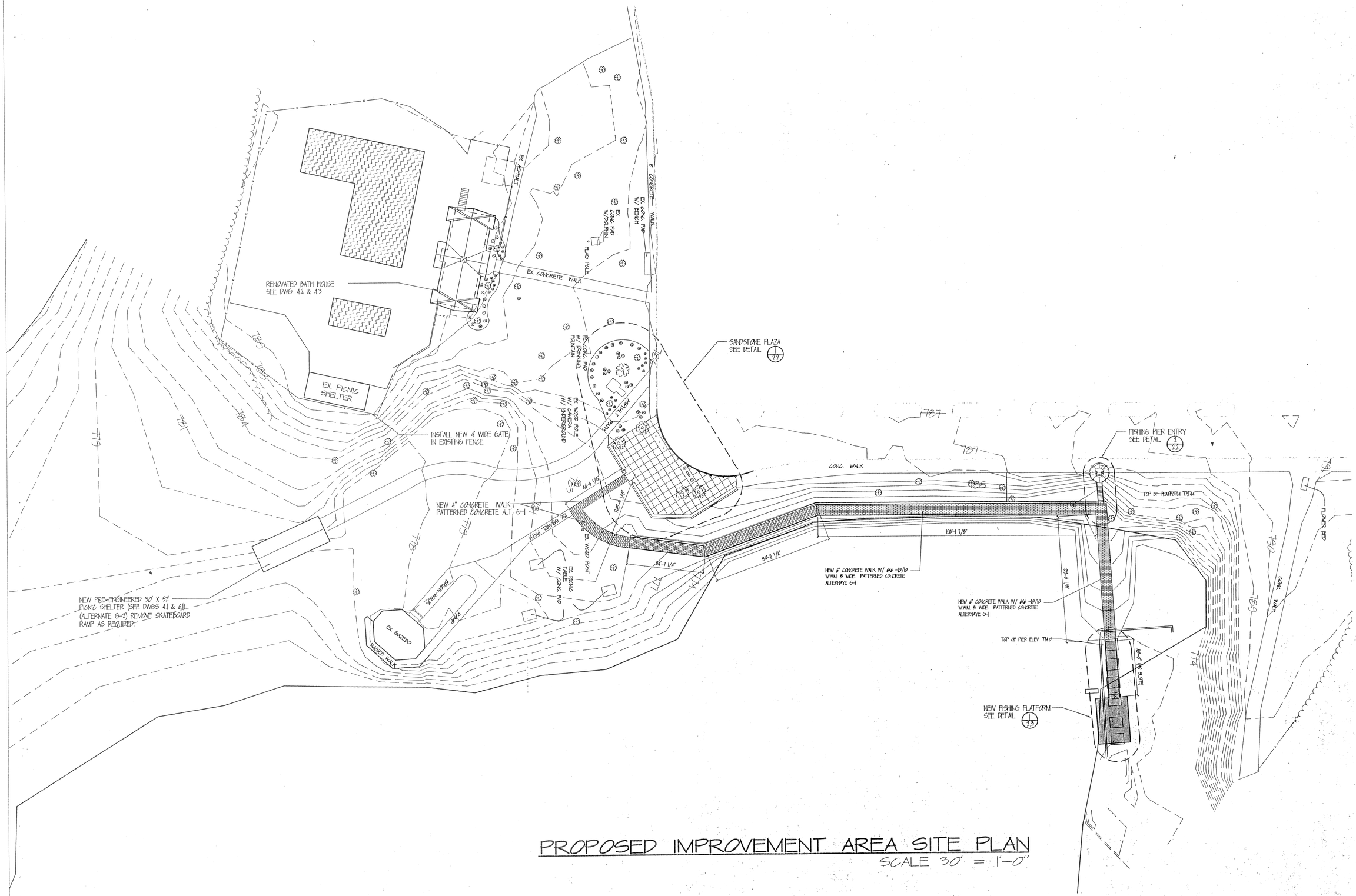
STATE OF OHIO
GARY L. DUVALL, JR.
11106
REGISTERED ARCHITECT

JOB: 9815BCOE
DATE: 23 JAN 99
DWN: EDJ
CHK: EDJ
REVISIONS:

TITLE SHEET

1.1

G:\STAFF\0026SMS\COVERSHT\2436CVR1 12-19-97 22306 pm EST



PROPOSED IMPROVEMENT AREA SITE PLAN

SCALE 30' = 1'-0"

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SITE IMPROVEMENT PLAN

O.D.N.R. FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9815COE
DATE: 28 JAN 99
DWN: GDJ
CHK:
REVISIONS

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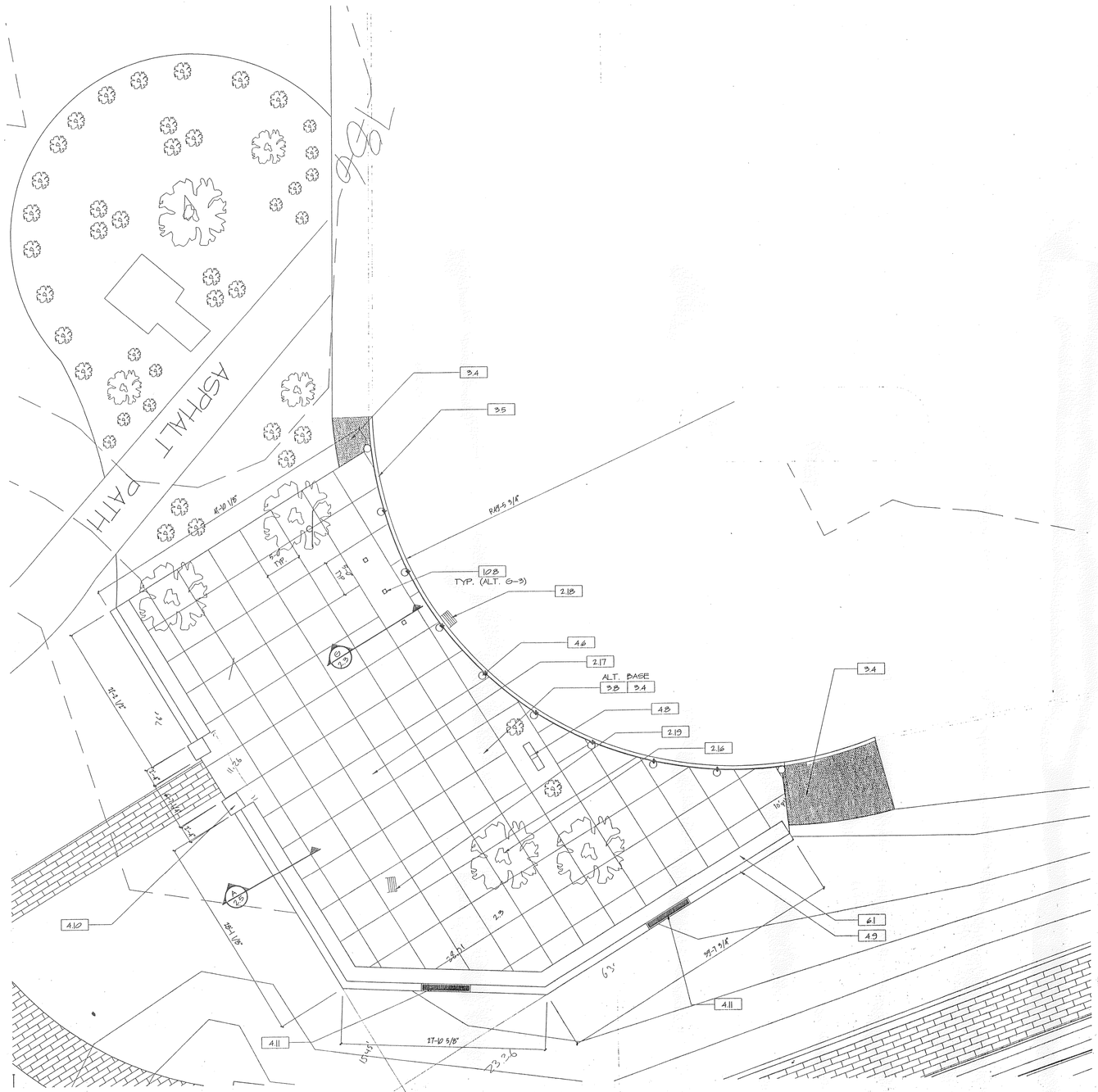
SHEET NO.
2.1

KEYNOTES

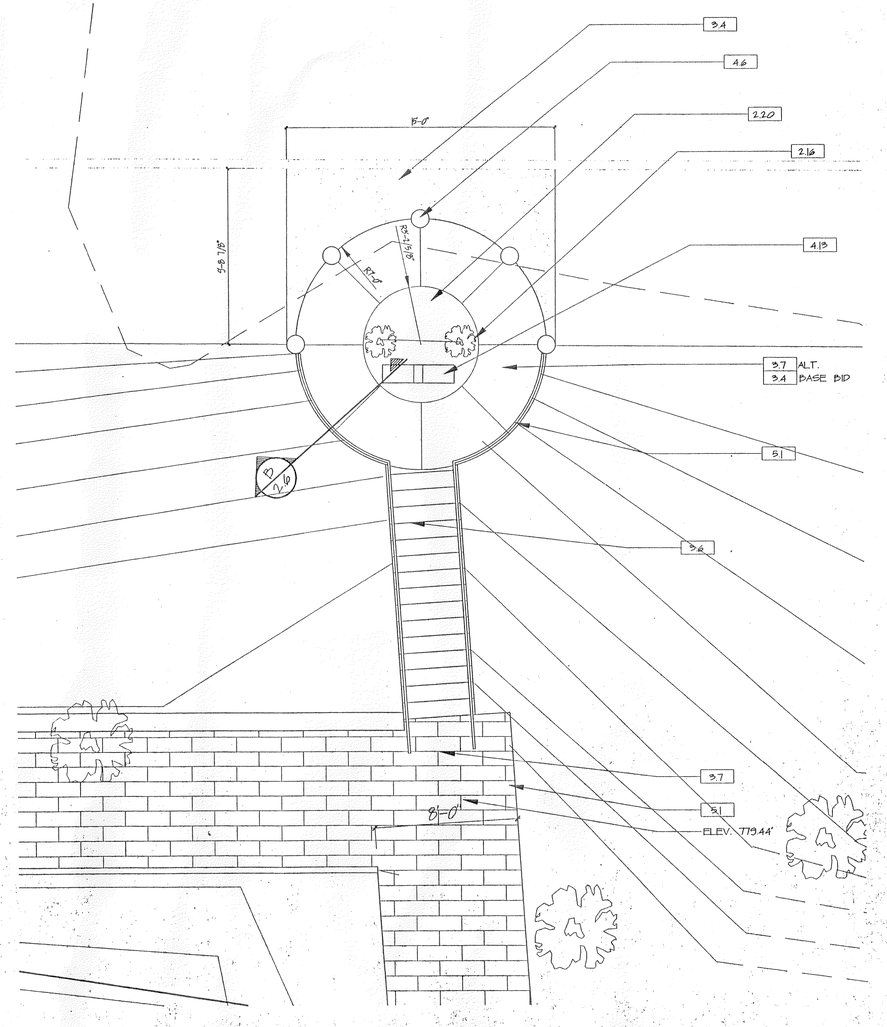
2.16 NEW LANDSCAPING BY OWNER
2.17 REMOVE EX. CURB & CONCR. DRIVE
2.18 RELOCATED CATCH BASIN TIE INTO EXISTING STORM LINE
2.19 RELOCATE EX. CATCH BASIN
2.20 NEW 5" MULCH BED

3.4 NEW 4" CONCR. WALK W/ 6X6 -10/10 W.W.M. OVER 4" GRAVEL BASE(BASE BID)
3.5 NEW 6"H CONCR. CURB 18" BELOW GRADE. PATCH AND REPAIR EX. CONCR. DRIVE
3.6 POURED CONCRETE STAIR W/ 5" THROAT
3.7 NEW 6" CONCRETE WALKWAY W/ 6X6 -10/10 WWM. PATTERNED AND COLORED CONCRETE ALT G-1

4.6 NEW 12" X 12" X 36"H SANDSTONE PYLON W/ PYRAMID TOP. EXTEND 42" BELOW GRADE.
4.8 RELOCATED SANDSTONE SIGN
4.9 12" THICK CMU WALL WITH 1" SANDSTONE VENEER
4.10 NEW 28" X 28" X 4'H SANDSTONE PIER
4.11 NEW 4' X 4' X 12" THICK SANDSTONE MONUMENT
4.13 NEW 4' DIA SANDSTONE SIGN
5.1 42"H -1-1/2" DIA GALV. GUARD RAIL PAINTED.
6.1 NEW TREATED WOOD BENCH SEAT. SEE DETAIL A/2.5
10.8 NEW ALUMINUM FLAG POLE (ALT G-3)



1/2.2 NEW SANDSTONE PLAZA
SCALE 1/8" = 1'-0"



2/2.2 FISHING PLATFORM ENTRY
SCALE 1/4" = 1'-0"

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Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
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ODNR FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9815PCOE
DATE: 28 JAN 99
DWN: GDJ
CHK:
REVISIONS

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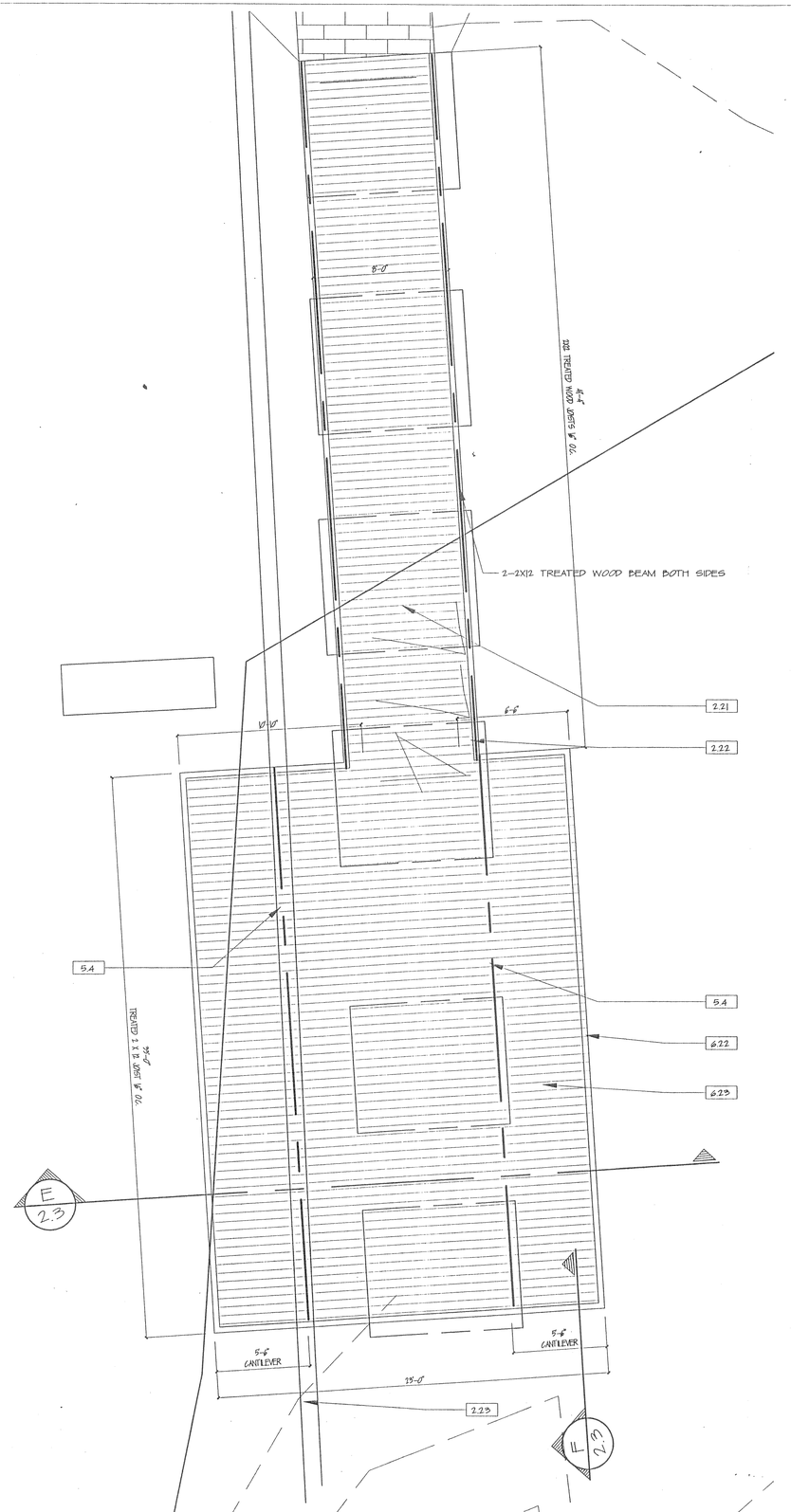
2.2



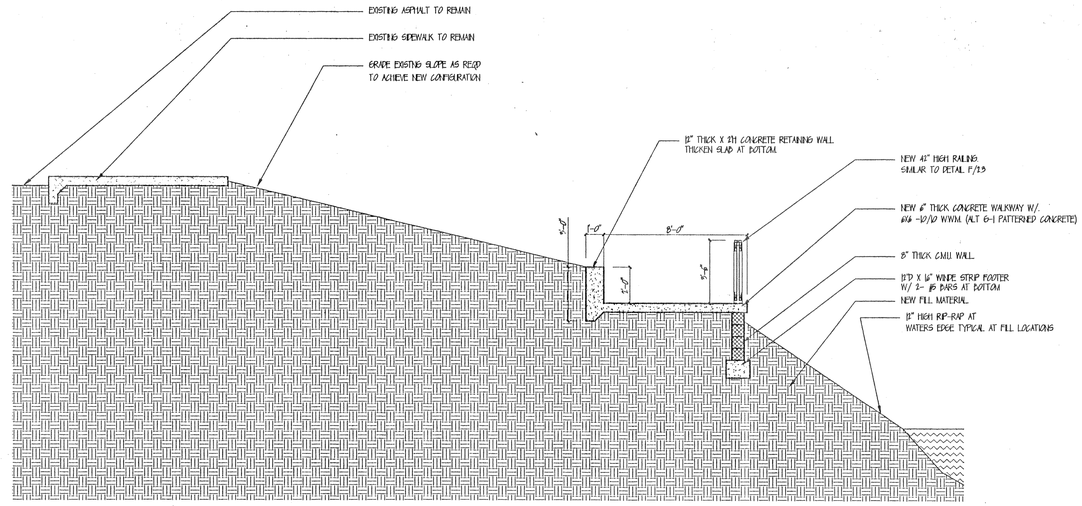
I/2.3 FISHING PLATFORM ENTRY

SCALE 1/4"" = 1'-0"

KEYNOTES

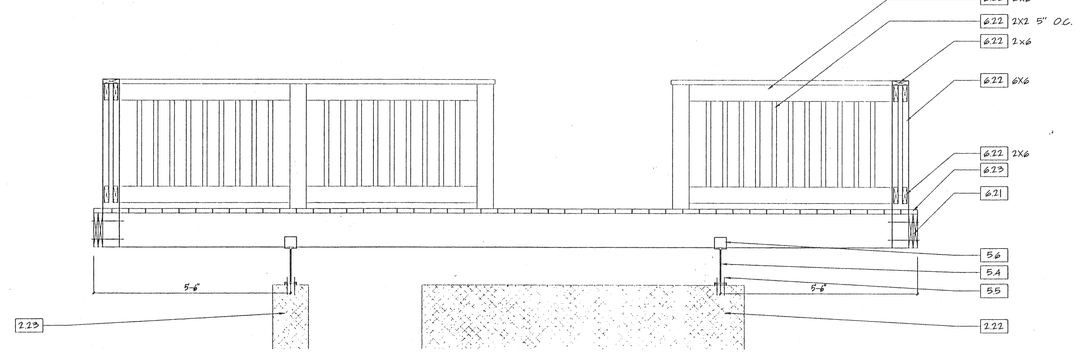
2.22 EXISTING SANDSTONE PIER
2.23 EXISTING SANDSTONE WALL
5.1 42" HIGH 1-1/2" DIA GALV. GUARD RAIL PAINTED
5.4 NEW W12 X 22 STEEL BEAM ON BED OF LEVELING GROUT
5.5 3/4" DIA EPOXY GROUTED BOLTS
5.6 3-1/2"X3-1/2"X5/16" ANGLE CLIPS 32" O.C.
6.21 (2) 2X12 TREATED HEADER
6.22 42" HIGH TREATED WOOD GUARD RAIL
6.23 2 X 6 TREATED WOOD DECK W/ 1/8" GAP BETWEEN.

STRUCTURAL NOTE: EXCAVATED MINIMUM OF 36" BELOW FOOTER BEARING AND FILL WITH PREMIUM ENGINEERED FILL.(SEE SOILS REPORT FOR DETAILS)



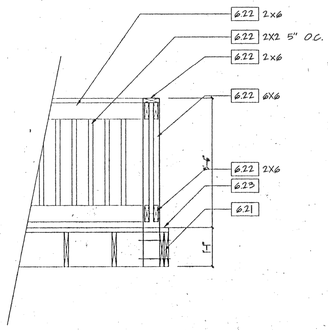
B/2.3 BOARDWALK SECTION

SCALE 1/4"" = 1'-0"



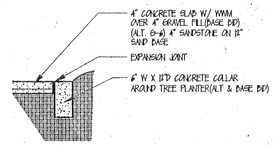
E/2.3 PLATFORM SECTION

SCALE 1/2"" = 1'-0"



F/2.3 GUARD DETAIL

SCALE 1/2"" = 1'-0"



G/2.3 PLANTER COLLAR

SCALE 1/2"" = 1'-0"

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1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

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GARY L. DUVALL, JR. 11106
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O.P.N.R. FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9815DCOE
DATE: 28 JAN 99
DWN: EDJ
CHK:
REVISIONS

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SHEET NO.
2.3

NOTE: ALL LANDSCAPING BY OWNER. GRADING & SEEDING TO BE BY THE GENERAL CONTRACTOR.

LANDSCAPE/ GRADING PLAN

SCALE 30' = 1'-0"

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LANDSCAPE/ GRADING PLAN

O.D.N.R. FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OH10

JOB: 9815BCOE
DATE: 28 JAN 99
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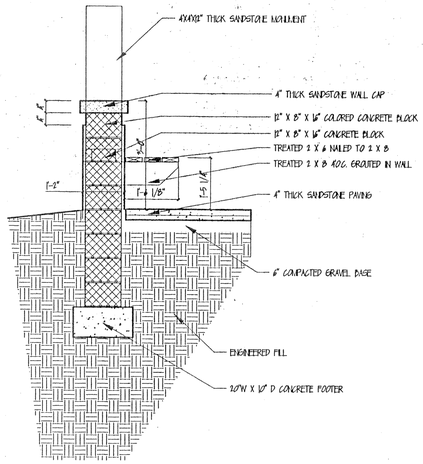
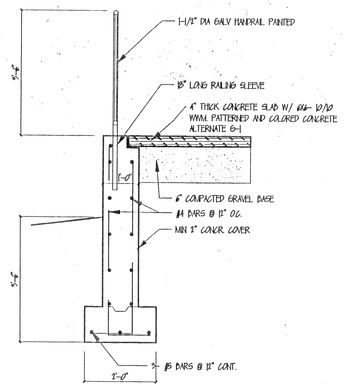
2.4



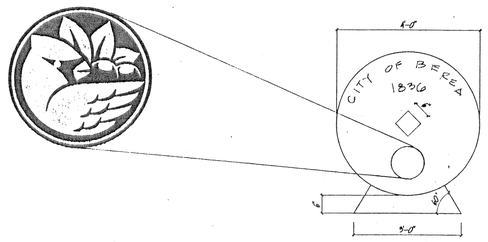
A/2.5 SANDSTONE PLAZA WALL

SCALE 1/2"' = 1'-0"



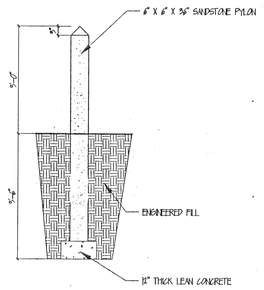
B/2.5 FISHING PIER PLAZA DET.

SCALE 1/2"' = 1'-0"



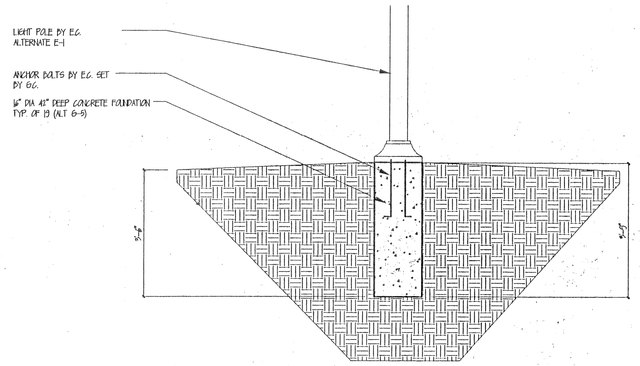
F/2.5 SANDSTONE SIGN

SCALE 1/2"' = 1'-0"



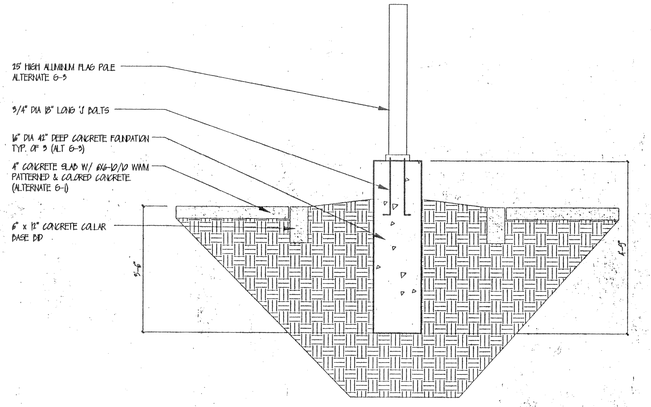
C/2.5 SANDSTONE PYLON DET.

SCALE 1/2"' = 1'-0"



E/2.5 LIGHT POLE BASE (ALT G-5)

SCALE 1/2"' = 1'-0"



D/2.5 FLAG POLE FOUNDATION DETAIL

SCALE 1/2"' = 1'-0"

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Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
GARY L. DUVALL JR.
11763
REGISTERED ARCHITECT

ODNR. FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9815BCOE
DATE: 28 JAN 99
DWN: GDJ
CHK:
REVISIONS

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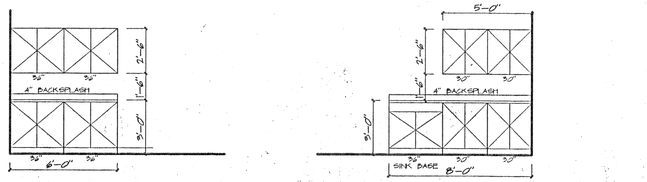
SHEET NO.
2.5

DOOR SCHEDULE

DR. NO.	RM. NO.	DOOR						RATING	HDWR.	FRAME				REMARKS
		DOOR SIZE W	H	T	TYPE	MATL.	FINISH			TYPE	MATL.	JAMB DEPTH	FINISH	
01	104	3'-0"	7'-0"	1 3/4"	MAN	H. METAL	PAINT	NONE	AA	1	H. MTL.	5-3/4"	PAINT	GALVANIZED
02	103	3'-0"	7'-0"	1 3/4"	MAN	H. METAL	PAINT	NONE	AA	1	H. MTL.	5-3/4"	PAINT	GALVANIZED
03	107	3'-0"	7'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
04	109	3'-0"	7'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
05	109	5'-0"	8'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
06	105	8'-0"	4'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
07	104	6'-0"	4'-0"	1 3/4"	COILING	GRILLE	ALUMINUM	NONE	SEE SPEC.	SEE SPEC.	ALUMINUM	SEE SPEC.	ALUMINUM	NONE
08	103	3'-0"	4'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
09	103	3'-0"	4'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
10	108	5'-0"	8'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
11	108	4'-0"	8'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED
12	100	3'-0"	7'-0"	1 3/4"	COILING	H. METAL	PAINT	NONE	SEE SPEC.	SEE SPEC.	H. MTL.	SEE SPEC.	PAINT	GALVANIZED

ROOM FINISH SCHEDULE

ROOM NUMBER/NAME		FLOOR						BASE						WALLS						CEILING						MISC.						CLG. HT.	REMARKS
		EPOXY FTD CONCR.	2" CONCR. TOPPING					NONE						PAINTED GWB	FTD T-111 SIDING					PAINTED STRUCT.						TOILET PARTITIONS	URINAL SCREENS	LOCKERS	BENCH	DRESSING CUBICLE	SHOWER STALL		
100	MENS RESTROOM	X						X						X						X						X	X					8'-0"	NONE
101	MENS LOCKER	X						X						X						X								X	X			8'-0"	NONE
102	MENS SHOWER	X	X					X						X						X												8'-0"	NONE
103	CONCESSION	X						X							X					X												8'-0"	PAINTED 3X9 WIRE MESH OVER CEILING
104	OFFICE	X						X							X					X												8'-0"	PAINTED 3X9 WIRE MESH OVER CEILING
105	WOMENS SHOWER	X	X					X						X						X											X	8'-0"	NONE
106	WOMENS LOCKER	X						X						X						X								X	X	X		8'-0"	NONE
107	WOMENS RESTROOM	X						X						X						X						X						8'-0"	NONE
108	MENS CORRIDOR	X						X						X	X					X												8'-0"	PAINTED 3X9 WIRE MESH OVER CEILING
109	WOMENS CORRIDOR	X						X						X	X					X												8'-0"	PAINTED 3X9 WIRE MESH OVER CEILING



CONCESSION AREA CASEWORK ELEVATIONS

SCALE 1/4" = 1'-0"

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
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DOOR & ROOM FINISH SCHEDULES

O.D.N.R. FUNDED PARK IMPROVEMENT FOR:
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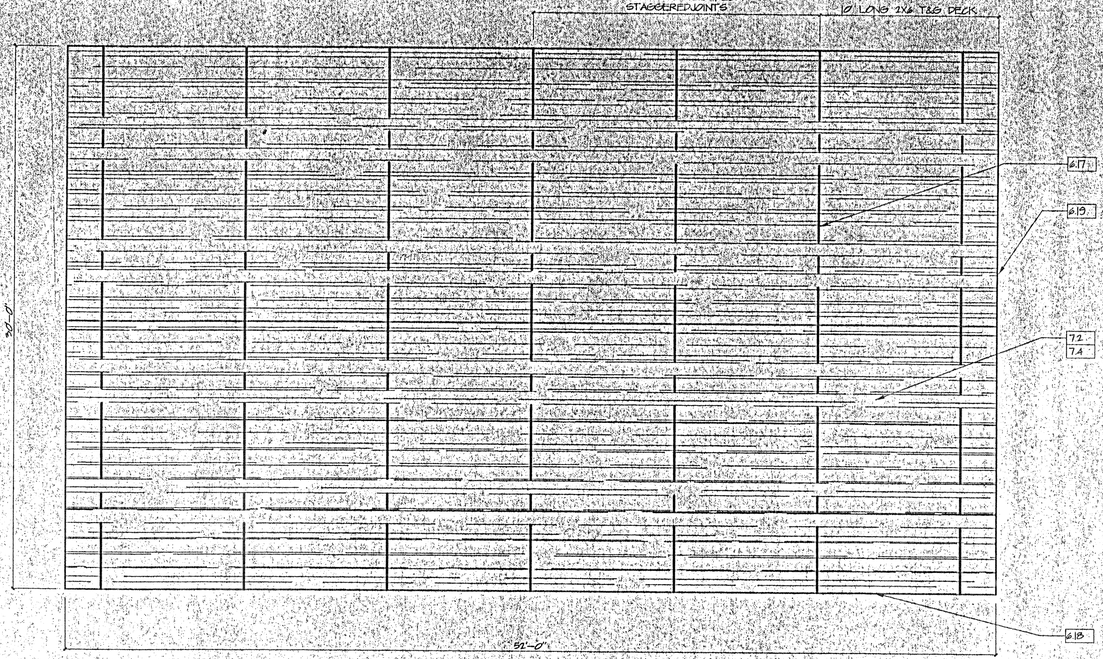
SHEET NO.
3.1



PAVILLION ROOF PLAN

SCALE: 1/4" = 1'-0"

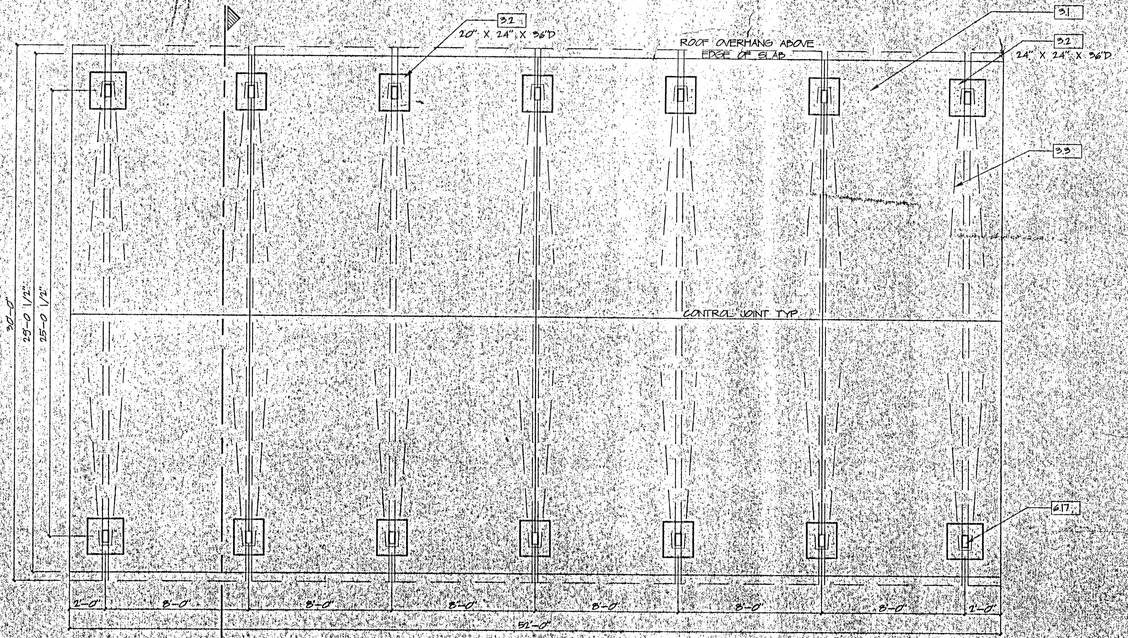
(ALT G-2)

KEYNOTES

31	8" CONCRETE SLAB W/ 6"X6"-10/10 WWM OVER 4" COMPACTED GRAVEL BASE
32	CONCRETE FOUNDATION- SIZE NOTED
33	#4 REBAR HAIRPIN W/ 1'-6" LONG LEGS
#17	GLU-LAMINATED ARCH (SEE SPECS)
#18	2 X 6 FASCIA PAINTED
#19	2 X 6 RAKE BOARD PAINTED
7.2	FIBERGLASS SHINGLES TO MATCH EX. GAZEBO
7.4	24" HIGH ICE GUARD

STRUCTURAL NOTE: EXCAVATE 36" MINIMUM UNDER FOOTER BEARING AND FILL WITH PREMIUM ENGINEERED FILL. (SEE SOILS REPORT FOR DETAILS)

* KIT TO BE IN BASE BID. ALTERNATE G-2 FOR COMPLETE INSTALLATION, INCLUDING BUT NOT LIMITED TO CONCRETE, REINF, & FOOTING.



A 6.1

PAVILLION FOUNDATION/ FLOOR PLAN

SCALE: 1/4" = 1'-0"

(ALT G-2)

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1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
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PAVILLION FOUNDATION & FLOOR PLAN

2DNR FINDLEY PARK IMPROVEMENT FOR
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COE LAKE
FRONT STREET
BEREA, OHIO

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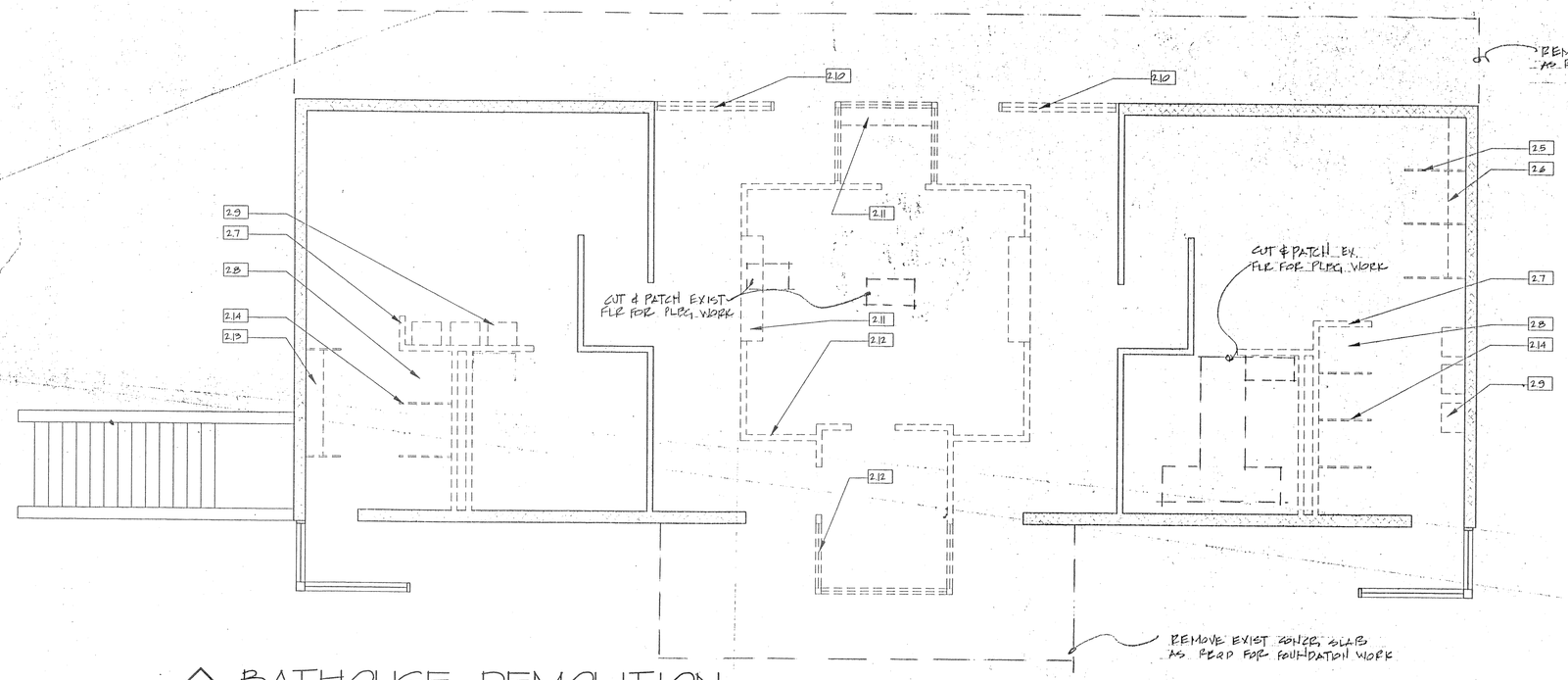
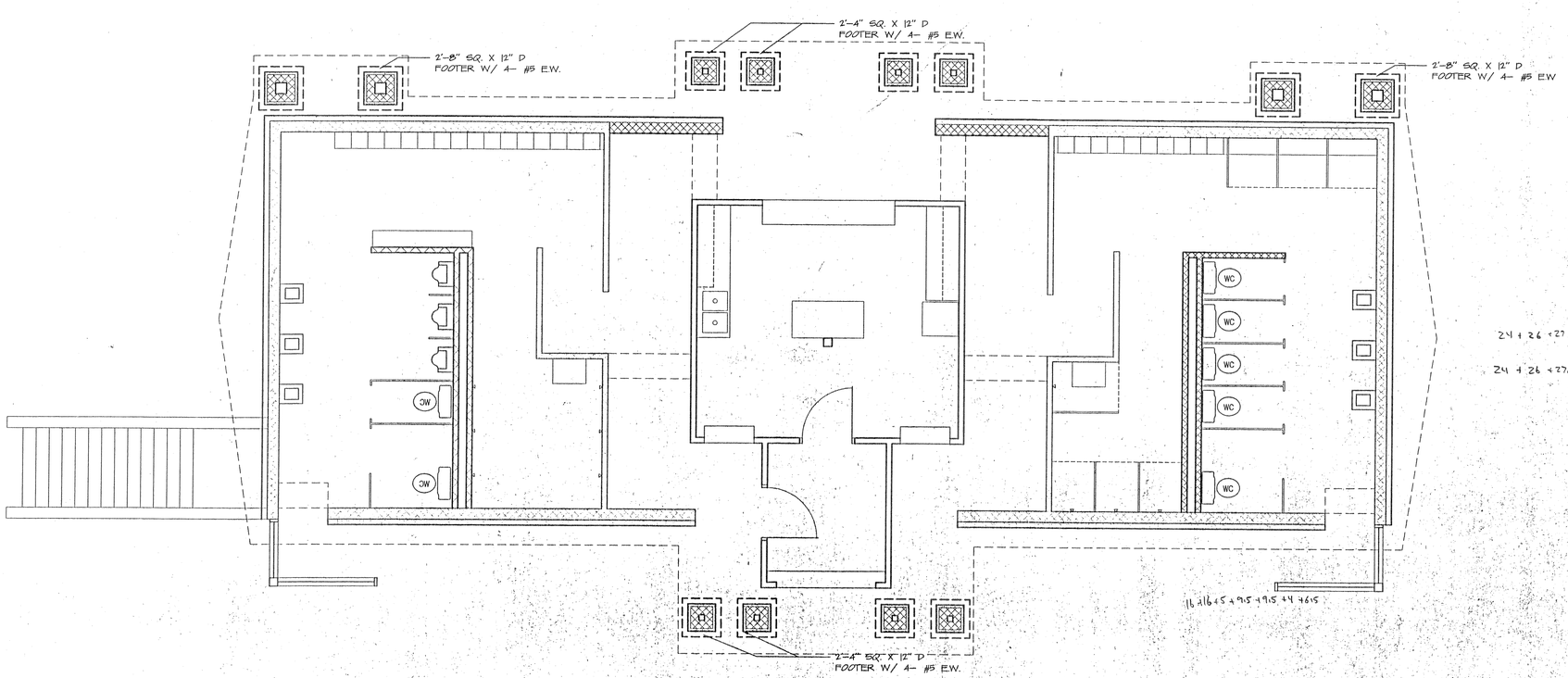


KEYNOTES

2.5 REMOVE EXIST. WOOD DRESSING CUBICLES (GC)
2.6 REMOVE EXISTING BENCHES (GC)
2.7 REMOVE EXIST. CMU. WALL PATCH AND REPAIR EXISTING FLOOR AND WALLS. (GC)
2.8 REMOVE EXIST. WATER CLOSETS. (PC)
2.9 REMOVE EXISTING LAVATORY. (PC)
2.10 REMOVE EXIST CHAIN LINK GATE AND FENCE. (GC)
2.11 REMOVE EXISTING COUNTER TOPS. (GC)
2.12 REMOVE EXISTING STUD WALLS. (GC)
2.13 REMOVE EXISTING URINAL (PC)
2.14 REMOVE EXIST. TOILET PARTIONS. (GC)

BATHOUSE DEMOLITION

SCALE: 1/4" = 1'-0"



BATH HOUSE FOUNDATION

SCALE: 1/4" = 1'-0"

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
GARY L. DUVALL, JR. 11106
REGISTERED ARCHITECT

BATH HOUSE FOUNDATION PLAN & DEMOLITION PLAN

O.N.R. FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9815BCOE
DATE: 02 NOV 98
DWN: GDJ
CHK:
REVISIONS
28 JAN 99

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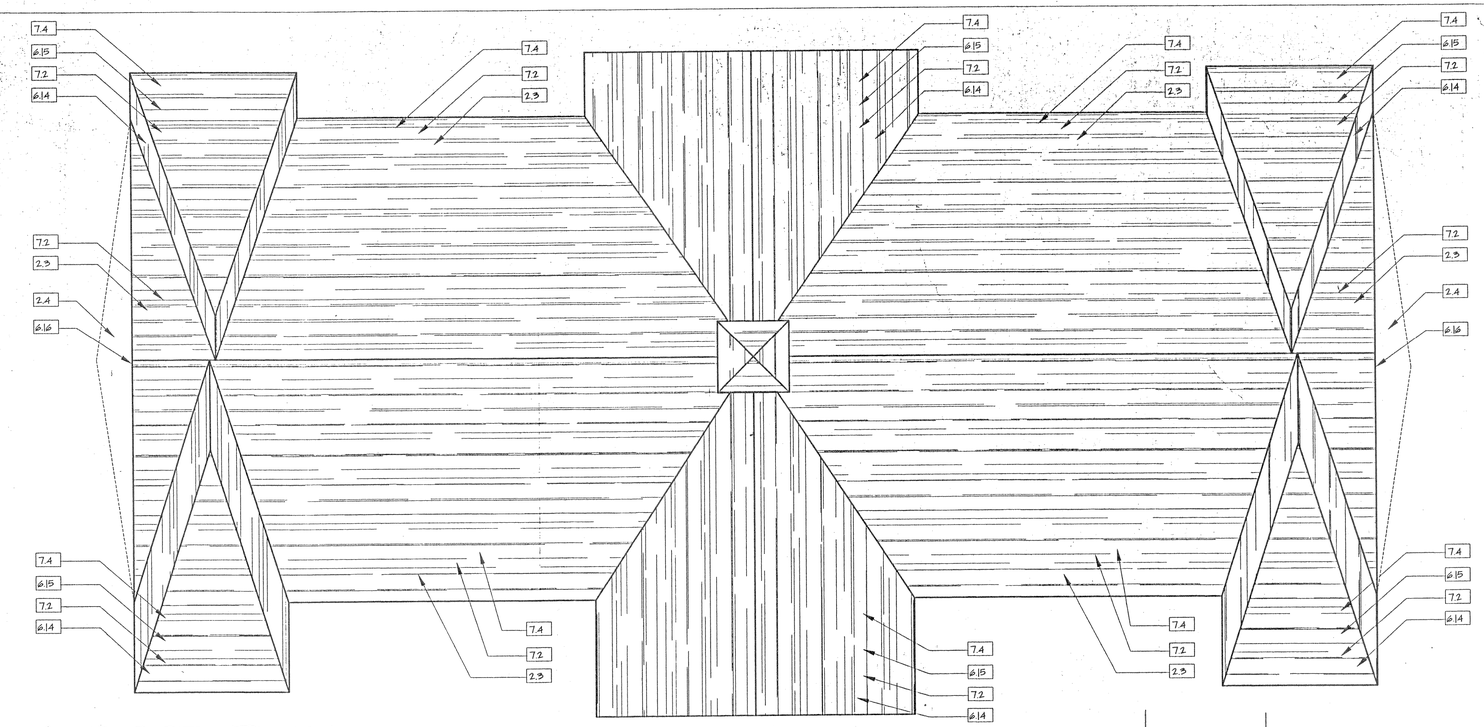
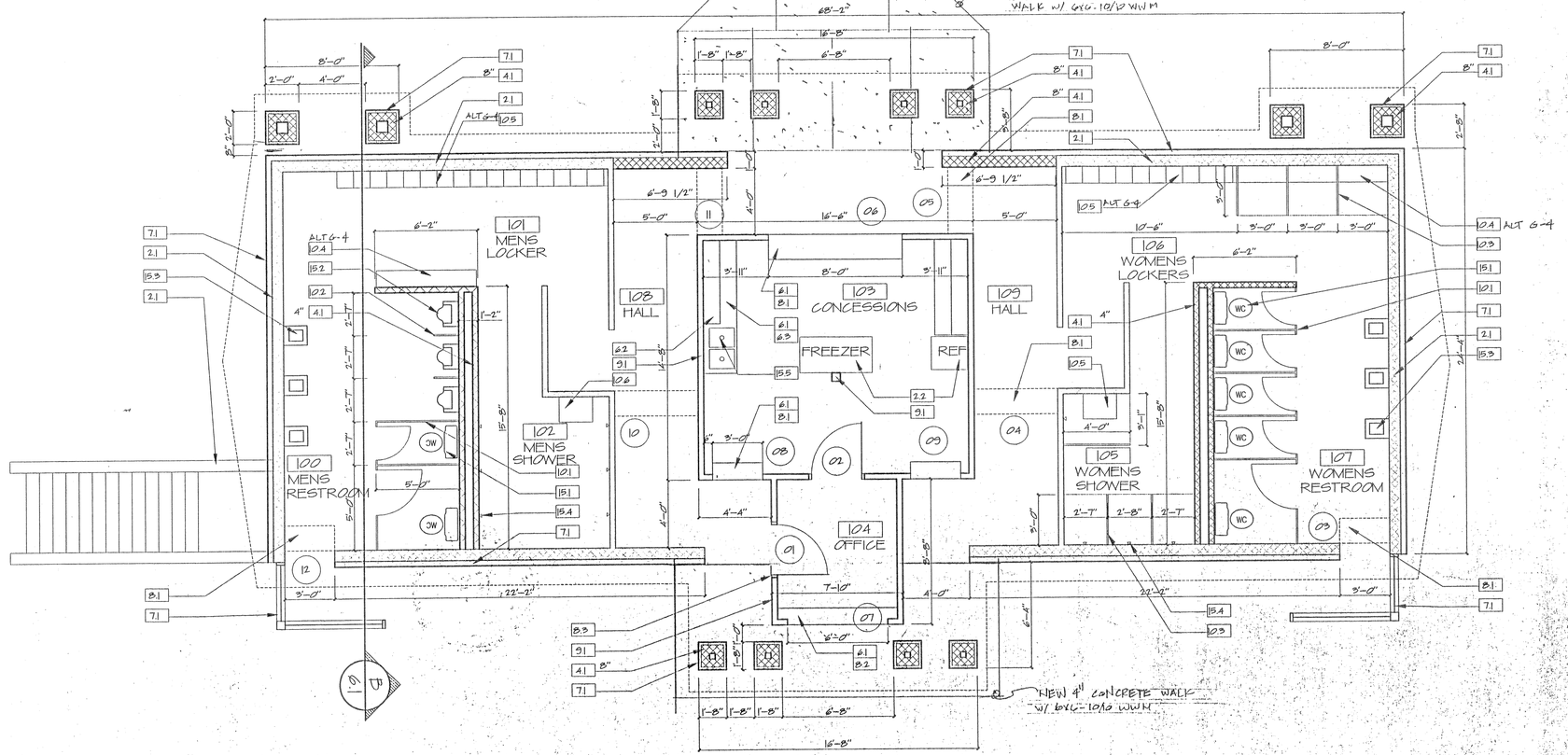
SHEET NO.
4.2



N ROOF PLAN
SCALE: 1/4" = 1'-0"

KEYNOTES

2.1 EXISTING CONSTRUCTION TO REMAIN
2.2 EQUIPMENT BY OWNER
2.3 REMOVE EXISTING ROOFING
2.4 REMOVE EXISTING ROOF OUTRIGGERS
4.1 CONCRETE BLOCK- THICKNESS AS NOTED
6.1 PLASTIC LAMINATE COUNTERTOP
6.2 WALL CABINETS
6.3 BASE CABINETS
6.14 NEW 2X10 STICK FRAMING 16" O.C.
6.15 NEW 3/4" T&G PLYWOOD DECK
6.16 NEW 1X6 ALUMINUM CLAD RAKE BOARD
7.1 EXTERIOR INSULATION FINISH SYSTEM
7.2 FIBERGLASS SHINGLES TO MATCH GAZEBO
7.4 36" HIGH ICE GUARD
8.1 OVERHEAD COILING DOOR
8.2 OVERHEAD COILING GRILLE
8.3 MAN DOOR
9.1 2X4 STUDS 16" O.C. W/ T-111 SIDING BOTH SIDES
10.1 TOILET PARTITION
10.2 URINAL SCREEN
10.3 DRESSING SCREEN
10.4 BENCH SEAT (ALT G-4)
10.5 METAL LOCKERS (ALT G-4)
10.6 ADA SHOWER SEAT
15.1 WATER CLOSET
15.2 URINAL
15.3 WALL HUNG SINK
15.4 SHOWER
15.5 STAINLESS STEEL DOUBLE BOWL SINK



N FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

NOTE: ALL STUD WALLS TO EXTEND TO ROOF DECK

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1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
GARY L. DUVALL, JR. 11106
REGISTERED ARCHITECT

BATH HOUSE FLOOR PLAN & ROOF PLAN

ODNR FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9815BCOE
DATE: 02 NOV 98
DWN: GDJ
CHK:
REVISIONS
28 JAN 99

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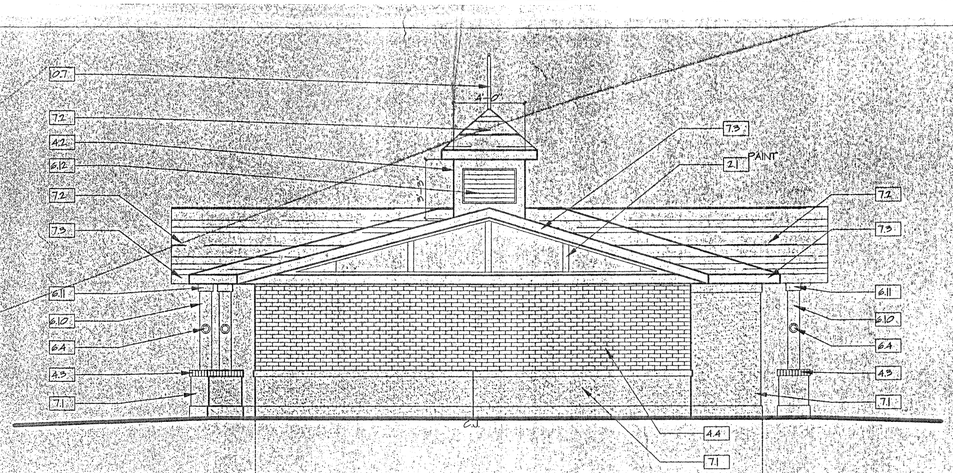
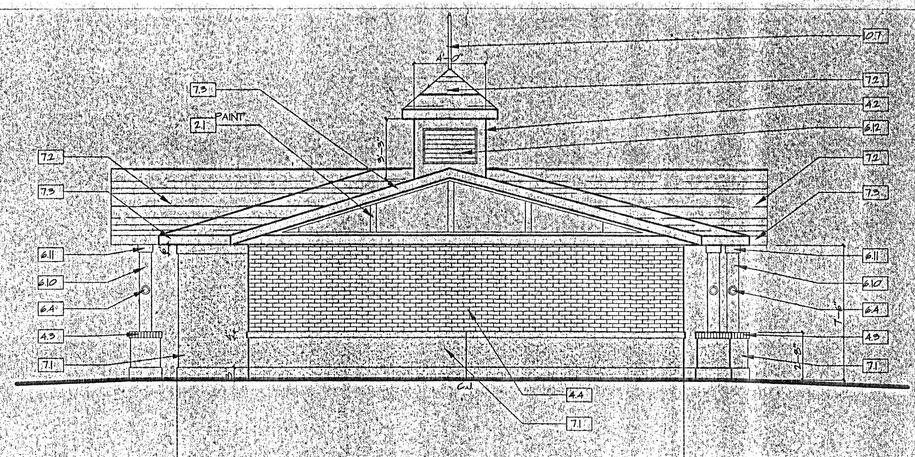
SHEET NO.
4.3



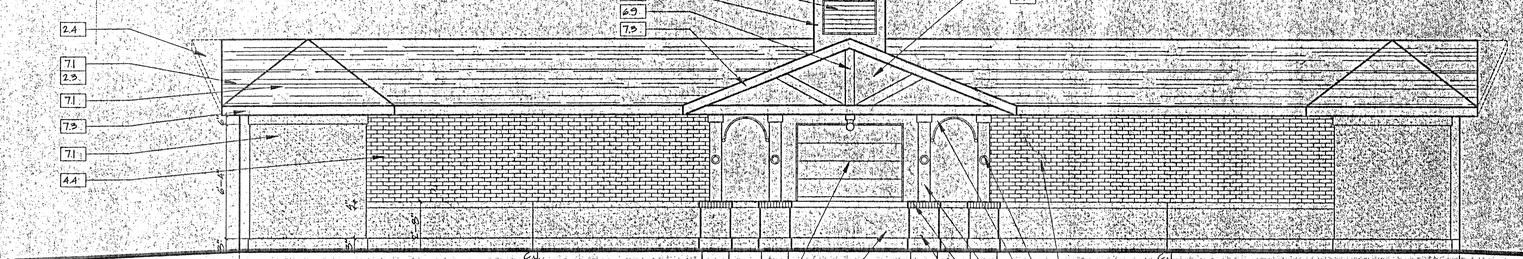
EAST ELEVATION

SCALE: 1/4" = 1'-0"



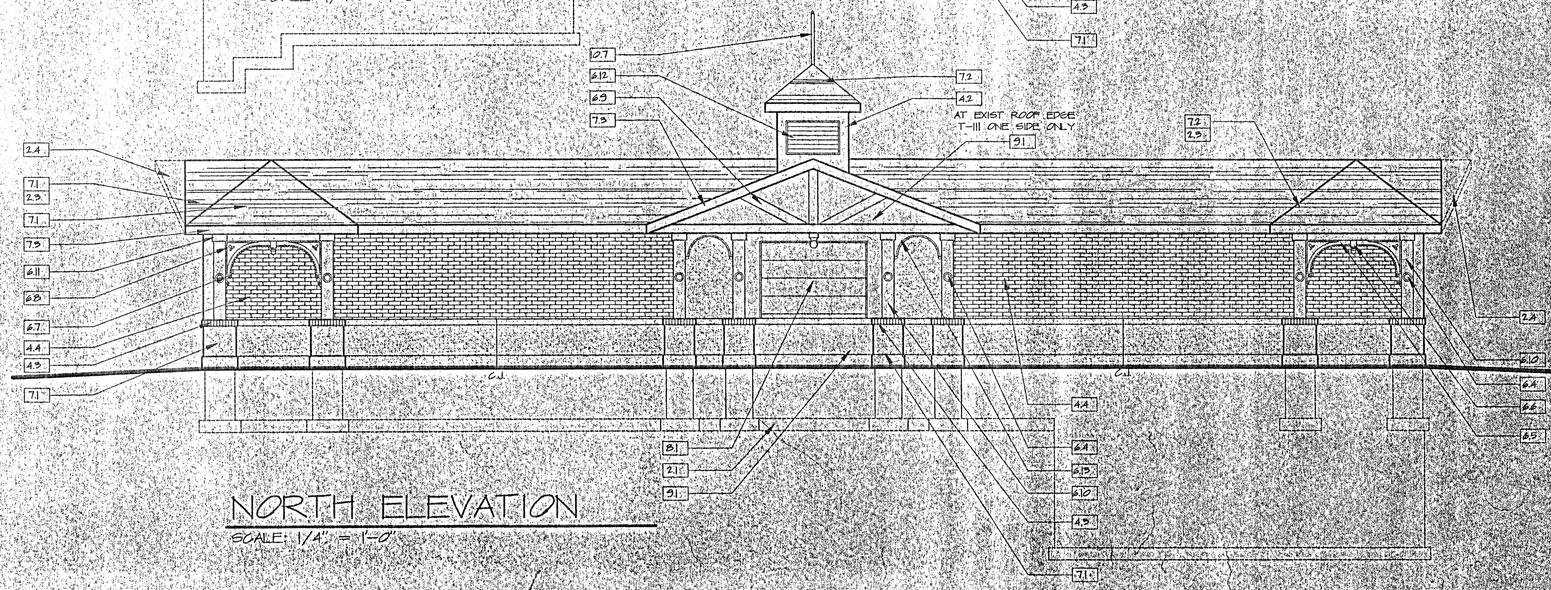
WEST ELEVATION

SCALE: 1/4" = 1'-0"



SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



NORTH ELEVATION

SCALE: 1/4" = 1'-0"

KEYNOTES

2.1 EXISTING CONSTRUCTION TO REMAIN
2.3 REMOVE EXISTING ROOFING
2.4 REMOVE EXISTING ROOF OUTRIGGERS
4.2 NEW WOOD FRAMED CUPOLA
4.3 FACE BRICK TO MATCH EXISTING
4.4 CLEAN EXISTING BRICK
6.4 HYPON TRIM #649
6.5 HYPON TRIM #1256
6.6 HYPON TRIM #534
6.7 HYPON TRIM #680
6.8 HYPON TRIM #660
6.9 TIMBER TRUSS EXPOSED PAINTED
6.10 8"x 8" PAINTED WOOD COLUMN
6.11 1"x 8" PAINTED TRIM
6.12 HYPON TRIM #660 RECT.
6.15 PAINTED REDWOOD TRIM
7.1 EXTERIOR INSULATION FINISH SYSTEM
7.2 FIBERGLASS SHINGLES TO MATCH EXISTING GAZEBO
7.3 ALUMINUM CLAD FASCIA
8.1 OVERHEAD COILING DOOR
8.2 OVERHEAD COILING GRILLE
9.1 2X4 STUD WALL @ 16" O.C. W/ T-111 SIDING BOTH SIDES
10.1 ROOF MOUNTED FLAG POLE

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
GARY L. DUVALL, JR.
11706
REGISTERED ARCHITECT

ELEVATIONS

ODNR FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET BEREA, OHIO

JOB: 9816COE
DATE: 12 NOV. 98
DWN: GDV
CHK:
REVISIONS
1.0 JAN 99

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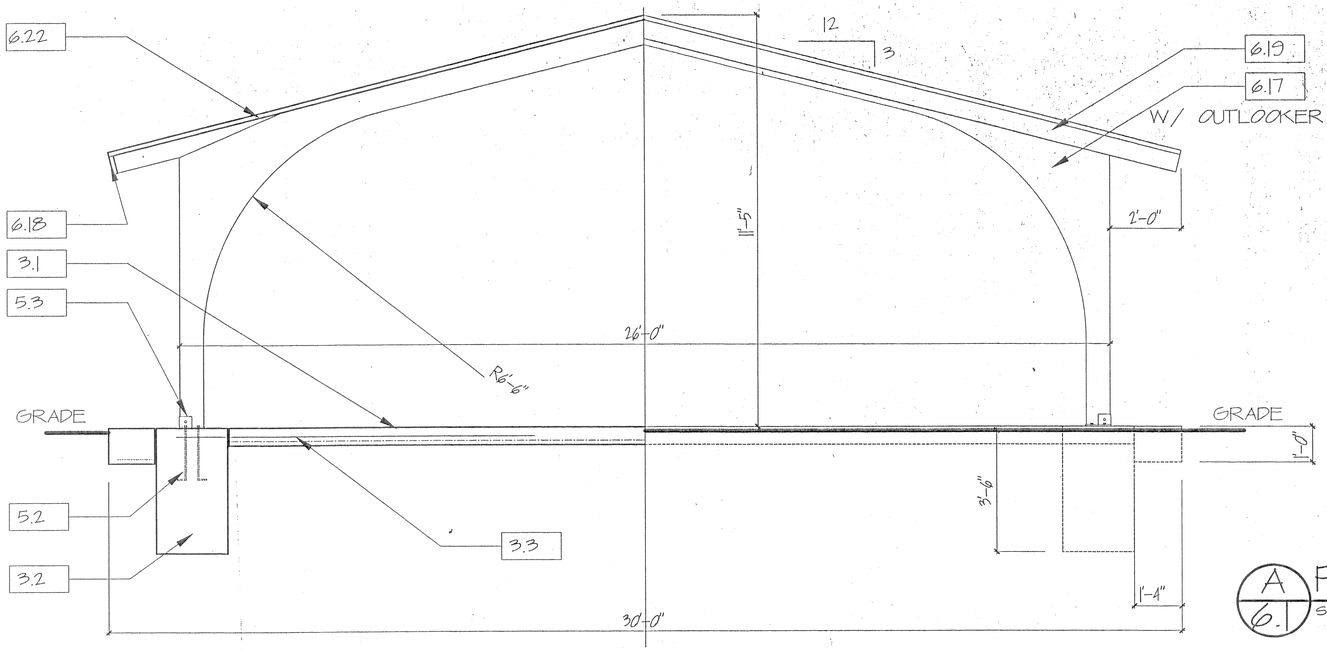
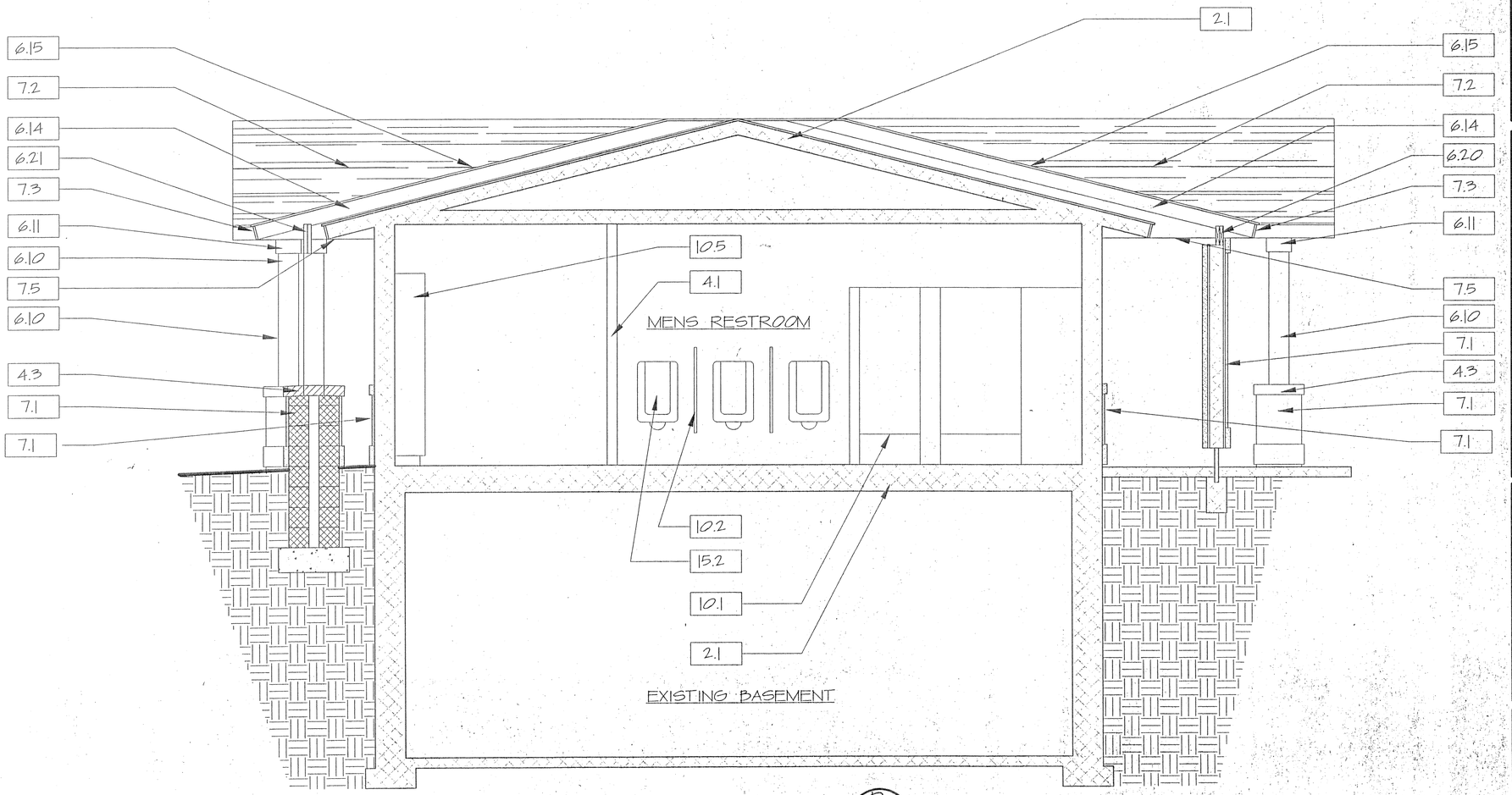
SHEET NO.
5.1



A/6.1 PAVILLION SECTION

SCALE: 1/2" = 1'-0" (ALT 6.2)



B/6.1 BATH HOUSE SECTION

SCALE: 1/2" = 1'-0"

KEYNOTES

2.1	EXISTING CONSTRUCTION TO REMAIN
3.1	6" CONCRETE SLAB W/ 6X6- 10/10 W.W.M. OVER 4" GRAVEL BASE
3.2	CONCRETE FOUNDATION- SIZE NOTED
3.3	#4 REBAR HAIRPIN W/ 12" LONG LEGS
4.1	CONCRETE BLOCK- THICKNESS NOTED
4.3	FACE BRICK TO MATCH EXISTING
5.2	3/4" DIA X 18"L J BOLT
5.3	BOX ANCHOR
6.10	8 X 8 PAINTED WOOD COLUMNS
6.11	1 X 6 PAINTED TRIM
6.14	NEW 2 X 12 STICK FRAMING 16" OC.
6.15	NEW 5/4" T&G PLYWOOD ROOF DECK
6.17	GLU-LAM ARCH- SEE SPECS
6.18	2 X 6 FASCIA PAINTED
6.19	2 X 6 RAKE BOARD PAINTED
6.21	(2) 2 X 12 HEADER
6.22	2 X 6 T&G ROOF DECK
7.1	EXTERIOR INSULATION FINISH SYSTEM
7.2	FIBERGLASS SHINGLES TO MATCH EX. GAZEBO
7.3	ALUMINUM CLAD FASCIA
7.5	VENTED ALUMINUM SOFIT
10.1	TOILET PARTITION
10.2	URINAL SCREEN
10.5	METAL LOCKERS
15.2	URINAL

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
GARY L. DUVALL, JR. 11106
REGISTERED ARCHITECT

BATH HOUSE AND PAVILLION BUILDING SECTIONS

ODNR FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 98BDCOE
DATE: 02 NOV 98
DWN: EDJ
CHK:
REVISIONS

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SHEET NO.
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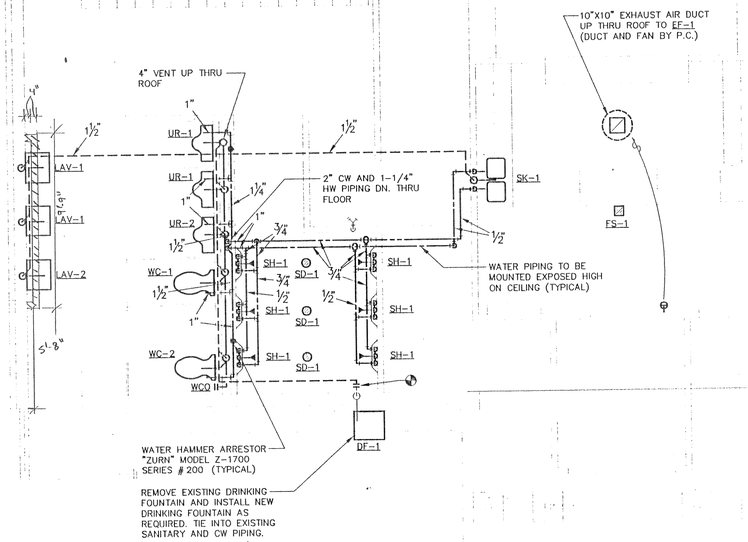
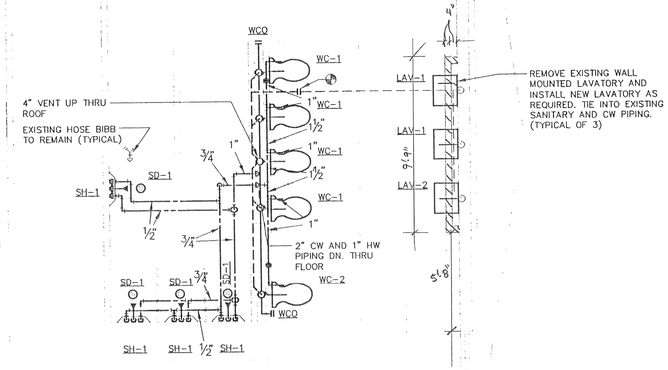
PLUMBING SYMBOL LEGEND

———	SANITARY ABOVE FLOOR
═══	SANITARY BELOW FLOOR
- - - - - -	SANITARY VENT
———	DOMESTIC COLD WATER
———	110° DOMESTIC HOT WATER
——⋈——	BALL VALVE
———	EXISTING SANITARY ABOVE FLOOR
═══	EXISTING SANITARY BELOW FLOOR
- - - - - -	EXISTING SANITARY VENT
———	EXISTING DOMESTIC COLD WATER
———	EXISTING 110° DOMESTIC HOT WATER
——⋈——	EXISTING BALL VALVE
——⊕——	TIE INTO EXISTING SYMBOL
P.C.	PLUMBING CONTRACTOR



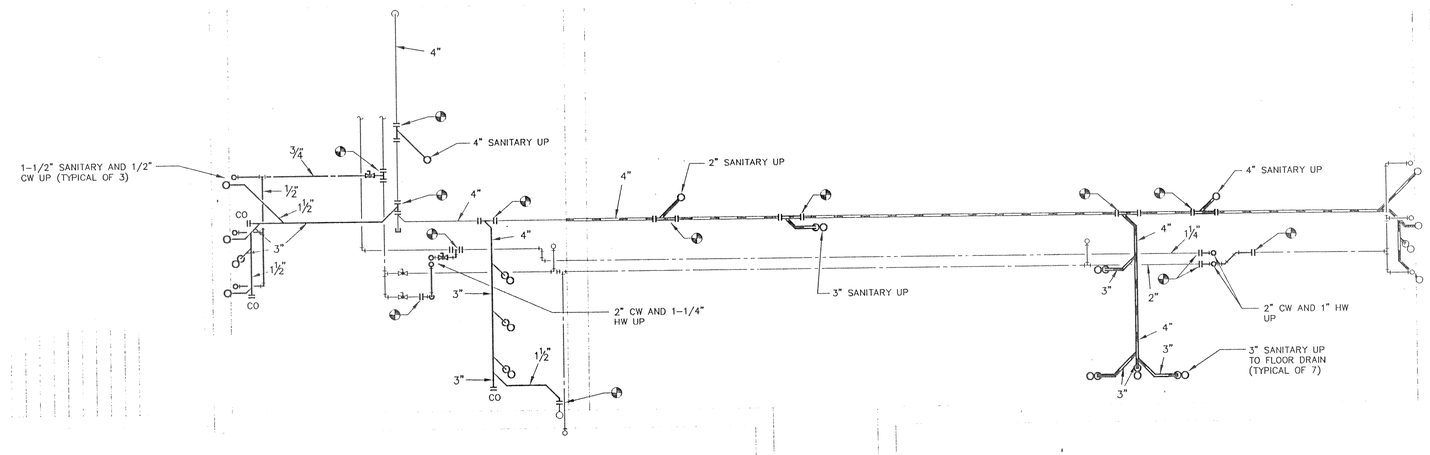


NOTE

INDIVIDUAL BRANCH PIPING TO EACH FIXTURE TO BE 1/2" UNLESS OTHERWISE NOTED.

FIRST FLOOR PLAN – PLUMBING

1/4"=1'-0"



BASEMENT FLOOR PLAN – PLUMBING

1/4"=1'-0"

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1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
GARY L. DUVALL
REGISTERED ARCHITECT

FLOOR PLANS – PLUMBING

ODNR FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9713ANDT
DATE: 26 OCT 98
DWN: DWD
CHK: LSG
REVISIONS

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STATE OF OHIO
LEE S. GOOD 43175
REGISTERED PROFESSIONAL ENGINEER

SHEET NO.
P-1

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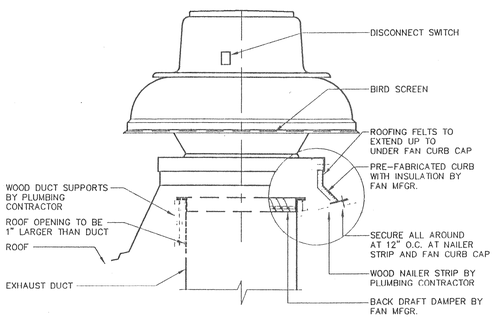
EQUIPMENT SCHEDULE

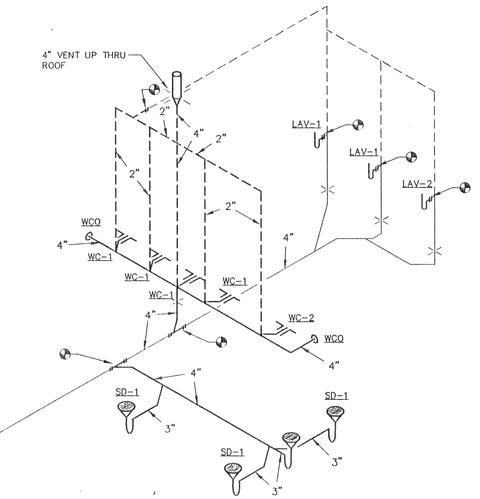
SK-1	ELKAY #LR-3322 18 GAUGE #302 STAINLESS STEEL, SELF RIMMING, DOUBLE BOWL SINK WITH #LK-4100 8" SINGLE LEVER, DECK MOUNT, CHROME PLATED SWING SPOUT FAUCET, #LK-35 STANDARD DUO STRAINER WITH CONICAL STRAINER BASKET AND NEOPRENE STOPPER, SUPPLIES, STOPS AND TRAP.
WC-1	KOHLER #K-4330 "KINGSTON LITE" WATER GUARD, VITREOUS CHINA, WALL MOUNTED, SIPHONE JET, FLUSH VALVE TYPE WATER CLOSET WITH KOHLER #K-4670-C SOLID PLASTIC OPEN FRONT SEAT AND SLOAN ROYAL #111 FLUSH VALVE.
WC-2	KOHLER #K-4330 "KINGSTON LITE" WATER GUARD, VITREOUS CHINA, WALL MOUNTED, SIPHONE JET, FLUSH VALVE TYPE WATER CLOSET WITH KOHLER #K-4670-C SOLID PLASTIC OPEN FRONT SEAT AND SLOAN ROYAL #111 FLUSH VALVE. FIXTURE TO BE MOUNTED AT 18" RIM HANDICAPPED MOUNTING HEIGHT. CONTRACTOR TO COORDINATE FLUSH VALVE LOCATION WITH GRAB BAR LOCATION. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
UR-1	KOHLER #K-4960-T "BARDON LITE" VITREOUS CHINA WALL HUNG WASHOUT ACTION URINAL, ANTISPLASH DESIGN, TOP SPUD, COMPLETE WITH SLOAN ROYAL #186-1 FLUSH VALVE AND CARRIER AS REQUIRED.
UR-2	KOHLER #K-4960-T "BARDON LITE" VITREOUS CHINA WALL HUNG WASHOUT ACTION URINAL, ANTISPLASH DESIGN, TOP SPUD, COMPLETE WITH SLOAN ROYAL #186-1 FLUSH VALVE AND CARRIER AS REQUIRED. MOUNT AT HANDICAPPED HEIGHT.
FD-1	SMITH #2005-A-P 3" FLOOR DRAIN WITH ADJUSTABLE STRAINER HEAD, NICKEL BRONZE GRATE, CAST IRON BODY AND DEEP SEAL TRAP.
SD-1	SMITH #2005-A-P 3" FLOOR DRAIN WITH ADJUSTABLE STRAINER HEAD, NICKEL BRONZE GRATE, CAST IRON BODY AND DEEP SEAL TRAP.
FS-1	ZURN Z-1900-P CAST IRON FLOOR SINK WITH 12"X12" MEDIUM DUTY SLOTTED GRATE AND DEEP SEAL TRAP.
WCO	SMITH #4452 CAST IRON WALL CLEAN-OUT WITH CAST BRONZE TAPER THREAD PLUG WITH STAINLESS STEEL COVER.
SH-1	BRADLEY "BRADEX" #1WCA "FASTRAC SHOWER" PANEL. SOAP DISH AND TOP COVER FABRICATED FROM 18 GAUGE #304 STAINLESS STEEL COVER POLISHED TO A #4 FINISH. SUPPLY PIPING TO TO BE 1/2" COPPER TUBING TO 1/2" COPPER STOPS AND EQUA-FLOW PRESSURE BALANCED MIXING VALVE. CHROME PLATED ADJUSTABLE SHOWER HEAD.
LAV-1	KOHLER #K-2031 "GREENWICH" WALL MOUNTED VITREOUS CHINA LAVATORY WITH CARRIER, P TRAP, KOHLER #K-7605 3/8" ANGLE SUPPLY WITH STOP AND AND CHICAGO FAUCET #333-336 SINGLE LAVATORY FITTING WITH HINGED HANDLE AND AERATOR. FITTING TO BE OF CHROME CONSTRUCTION AND INDEXED FOR COLD WATER. INCLUDE GRID DRAIN.
LAV-2	KOHLER #K-2031 "GREENWICH" WALL MOUNTED VITREOUS CHINA LAVATORY WITH CARRIER, P TRAP, KOHLER #K-7605 3/8" ANGLE SUPPLY WITH STOP AND AND CHICAGO FAUCET #333-336 SINGLE LAVATORY FITTING WITH HINGED HANDLE AND AERATOR. FITTING TO BE OF CHROME CONSTRUCTION AND INDEXED FOR COLD WATER. INCLUDE GRID DRAIN. PROVIDE McGUIRE #155-WC OFFSET DRAIN. INSULATE SUPPLY WATER PIPE, STOP, DRAIN AND TRAP WITH 1/2" THICK ARMSTRONG "ARMAFLEX" OR PRO-WRAP CLOSED CELL VINYL INSULATION.
DF-1	OASIS #FLF140PM NON-REFRIGERATED WALL MOUNTED STAINLESS STEEL DRINKING FOUNTAIN FOR DIRECT CONNECTION TO A COLD WATER SUPPLY AND SANITARY DRAIN LINE. PROVIDE WALL BRACKET AND STAINLESS STEEL SPLASH PANEL. MOUNT AT HANDICAPPED HEIGHT.
EF-1	GREENHECK #GB-70-R4 SPUN ALUMINUM DOWNBLAST ROOFTOP EXHAUST FAN. 200 CFM AT .25" ESP; .25 HP OPEN DRIP-PROOF MOTOR; 12" HIGH ROOF CURB; BIRD SCREEN; BACKDRAFT DAMPER AND A NON-FUSED DISCONNECT SWITCH. FAN TO BE PAINTED TO MATCH ROOF SHINGLES. ELECTRICAL REQUIREMENTS: 115V\1\60

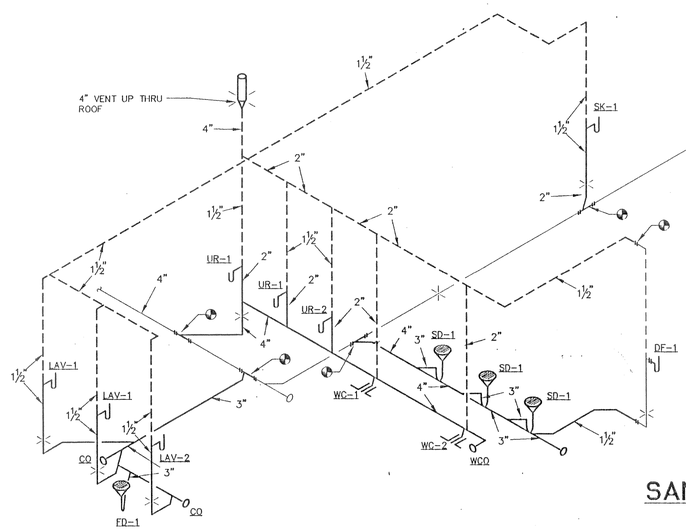
NOTES

1. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS, INSPECTIONS, ETC.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE OHIO BUILDING CODE AS WELL AS ALL LOCAL REQUIREMENTS.
3. ALL MATERIALS SHALL BE NEW AND OF THE FINEST QUALITY.
4. ALL WORK SHALL BE INSTALLED BY TRADESMEN HIGHLY TRAINED AND SKILLED IN THE WORK THAT THEY ARE TO PERFORM.
5. ALL MATERIALS AND LABOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
6. ALL SANITARY DRAIN AND WASTE PIPING ABOVE AND BELOW GRADE SHALL BE TYPE ABS PLASTIC PIPE WITH COMPATIBLE SOCKET WELD FITTINGS.
7. ALL HORIZONTAL SANITARY DRAIN PIPE SHALL BE PITCHED AT A MINIMUM SLOPE OF 1/8" PER FOOT IN THE DIRECTION OF FLOW.
8. ALL DOMESTIC WATER PIPE INSIDE THE BUILDING AND ABOVE THE FLOOR SHALL BE TYPE L HARD COPPER PIPE WITH WROUGHT COPPER FITTINGS.
9. PROVIDE SHUT OFF VALVES AT ALL FIXTURES.
10. THOROUGHLY CLEAN ALL FIXTURES AND SURFACES BEFORE ACCEPTANCE.
11. ALL SUPPLY WATER PIPE SHALL BE INSULATED WITH 1/2" ARMAFLEX WITH FLAMESPREAD/SMOKE DEVELOP 25/50.
12. ALL VENT PIPING IN CEILING AREA SHALL BE TYPE ABS PLASTIC PIPE WITH COMPATIBLE SOCKET WELD FITTINGS.
13. ALL PIPE SHALL BE RUN IN A NEAT PROFESSIONAL MANNER PARALLEL AND PERPENDICULAR TO THE BUILDING LINES, AND SHALL BE FREE OF BENDS, CRIMPS, AND SAGS.
14. PROVIDE CHROME PLATED ESCUTCHEONS AT ALL PIPE PENETRATIONS THROUGH WALLS. PROVIDE PIPE SLEEVES FOR ALL PIPE PENETRATIONS THROUGH FLOORS AND WALLS.
15. TEST SANITARY AND SUPPLY WATER PIPING AS REQUIRED.
16. SANITIZE SUPPLY WATER PIPING AS REQUIRED.
17. ALL DUCTWORK SHALL BE CONSTRUCTED OF PRIME GALVANIZED SHEET METAL. USE OF FIBERGLASS DUCTBOARD IS UNACCEPTABLE.
18. ALL CONTROL WIRING TO THERMOSTATS, ETC. SHALL BE IN CONDUIT AND SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.



ROOF EXHAUST FAN DETAIL
N.T.S.





SANITARY ISOMETRIC
N.T.S.

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330)875-1110

GARY L. FUNK, JR. 11405 REGISTERED ARCHITECT

SANITARY ISOMETRIC, NOTES AND SCHEDULE

ODNR FUNDED PARK IMPROVEMENT FOR:
THE CITY OF BEREA
COE LAKE
FRONT STREET
BEREA, OHIO

JOB: 9713ANDT
DATE: 26 OCT 98
DWN: DWB
CHK: LSG
REVISIONS

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STATE OF OHIO LEE S. GOOD 43175 REGISTERED PROFESSIONAL ENGINEER

SHEET NO.
P-2

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ELECTRICAL SPECIFICATIONS

SCOPE:

The electrical contract shall include furnishing and installing the complete electrical systems - interior and exterior - including miscellaneous electrical systems. Installation of the temperature control wiring system shall be by the HVAC contractor.

CODES, PERMITS AND FEES:

The Electrical Contractor (E.C.) shall secure all necessary permits and licenses and pay all fees connected with his work, with the exception of power company construction charges and state electrical permit fees, which shall be paid by the Owner. All work shall be performed in accordance with the current National Electrical Code and all applicable state and local codes.

WARRANTY:

The E.C. shall guarantee in writing all materials and workmanship for a period of one year from final acceptance of the job (excluding expendable items such as lamps).

BASIC MATERIALS AND WORKMANSHIP

CONDUIT:
E.C. shall install a complete continuous metal raceway system, properly supported at required intervals and installed in a workmanlike manner for all feeder circuits. The raceway system shall be comprised as follows: EMT in interior walls and ceiling spaces, RGC or IMC in exterior walls or under the floor, PVC Schedule 40 interior and exterior underground if properly encased.

OUTLET BOXES:
Outlet boxes shall be stamped steel and sized per current NEC, minimum 4 inches square and 1-1/2 inches deep with plaster ring. Outlet boxes for exposed work shall be 4 in. square with raised steel covers. Type FS or FD boxes shall be used in damp or wet locations when exposed.

CONDUCTOR MATERIAL AND WORKMANSHIP

GENERAL:
All conductors shall be soft-drawn copper wire with a 600 volt rating unless noted. All wire shall be delivered to the jobsite in original unbroken packages and shall be plainly tagged with a U.L. label and size/insulation. All wire shall be minimum #12 AWG unless otherwise noted. All runs over 100 lineal feet shall be increased one size to prevent excessive voltage drop.

WORKMANSHIP:
All runs shall test free of grounds, shorts and opens before the job is turned over to the Owner.

INSULATION:
Insulation shall be as follows: Feeders: THHN; Branch Circuits: THHN or type NMB cable

ELECTRICAL DISTRIBUTION SYSTEM

FEEDERS AND BRANCH CIRCUITS:
A complete electrical distribution system shall be installed in accordance with the requirements listed above and as indicated on drawings.

PANELBOARDS - CIRCUIT BREAKER:
Panelboards shall be dead-front safety type equipped with molded case circuit breakers of frame, trip rating, and interrupting capacity shown on the schedule. All breakers shall be of the bolt-in type, switching duty. Acceptable manufacturers are Square D, General Electric, Westinghouse, or Siemens-ITE.

WIRING DEVICES:
Wiring Devices shall be as manufactured by Sierra, Arrow-Hart, Hubbell, or Pass and Seymour and shall be specification grade 20 amp devices. Wall plates and devices shall be color as directed by owner.

MOUNTING HEIGHTS: (unless otherwise noted)

Receptacles	18" AFF
Wall Switches	48" AFF
Panelboards	6'-8" top of panel to finished floor

LIGHTING FIXTURES AND LAMPS

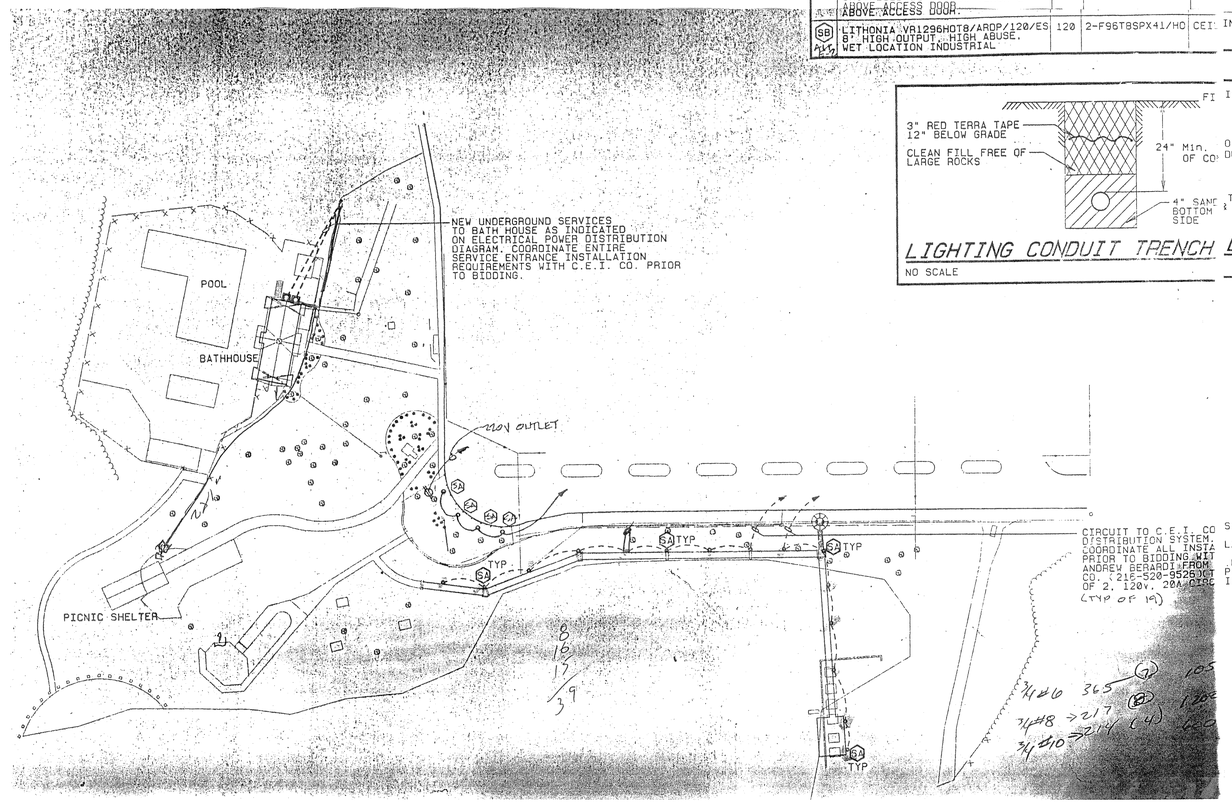
LIGHTING FIXTURES:
Furnish and install lighting fixtures as shown on the luminaire schedule, including all parts necessary for mounting and finish. Ballasts shall be by Advance, Valmont, G.E., or Motorola. The ballasts shall carry a 1-year manufacturer's guarantee.

LAMPS:
Fluorescent lamps shall be as indicated on drawings, lite white in color. Lamps shall be manufactured by Sylvania, Phillips, or G.E. unless otherwise indicated on the luminaire schedule. Incandescent lamps shall be inside frosted unless otherwise noted, and H.I.D. lamps shall be exactly as noted on the schedule.

SITE LUMINAIRE SCHEDULE

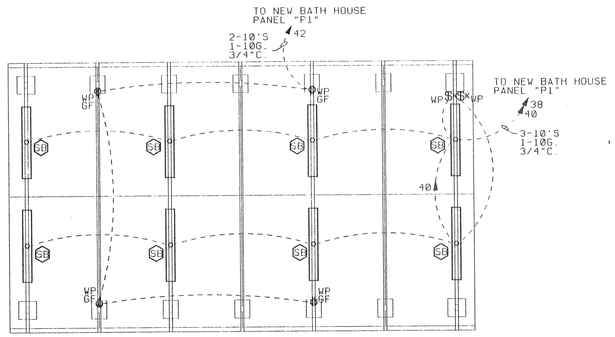
EQUALS:
LITHONIA, COOPER/METALUX, THOMAS/DAYBRITE AND HUBBELL ARE APPROVED EQUALS TO FIXTURES LISTED ONLY AS INDICATED ON "MASTER LIST OF APPROVED FIXTURE EQUALS" PUBLISHED BY THIS ENGINEER. IF A CATALOG NUMBER IS NOT ON THIS LIST, IT IS NOT CONSIDERED A BASE BID EQUAL AND MUST BE APPROVED BY ENGINEER PRIOR TO BIDDING. NO SUBSTITUTIONS WILL BE ACCEPTED AFTER BID OPENING.

ITEM	MANUFACTURER & CAT. No.	VOLTS	LAMPS	MOUNTING
SA	MAIN STREET LIGHTING PART # FF1401A(4)-GFI-CO10(ADJ)-BK HARRISBURG SERIES. FIBERGLASS POLE, 10'-9" WITH 4" - SLOT BASE PLATE, GFI RECEPTACLE INSTALLED 12" BELOW TENON & ABOVE ACCESS DOOR.	120	150W H.P.S. PROVIDED BY C.E.I. CO.	POLE - SEE DETAIL
SB	LITHONIA VR1296HOT8/AROP/120/ES B' HIGH-OUTPUT, HIGH ABUSE. WET LOCATION INDUSTRIAL	120	2-F96T8SPX41/HO	CEILING-SURFACE



SITE PLAN - ELECTRICAL
SCALE 1"=60'-0"

LIGHTING CONDUIT TRENCH DETAIL
NO SCALE



PICNIC SHELTER ELECTRICAL PLAN
SCALE 1/8"=1'-0"

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
ROBERT A. HORN
E-042347
REGISTERED PROFESSIONAL ENGINEER

SITE PLAN - ELECTRICAL

RENOVATIONS TO BEREA BATH HOUSE
BEREA, OHIO

JOB: 98-1642E
DATE: 11-02-98
DWN: MM/JAD
CHK: RAH
REVISIONS

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SHEET NO.
11.1

ROBERT A. Horn, P.E.
CONSULTING ELECTRICAL ENGINEERS
608 S. Tuscarawas Avenue
P.O. Box 483
Dover, Ohio 44622
(330) 364-7784
Fax (330) 364-1560

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PANEL "P1"

100 AMPS 120/208 VOLTS 3 PH 4 W

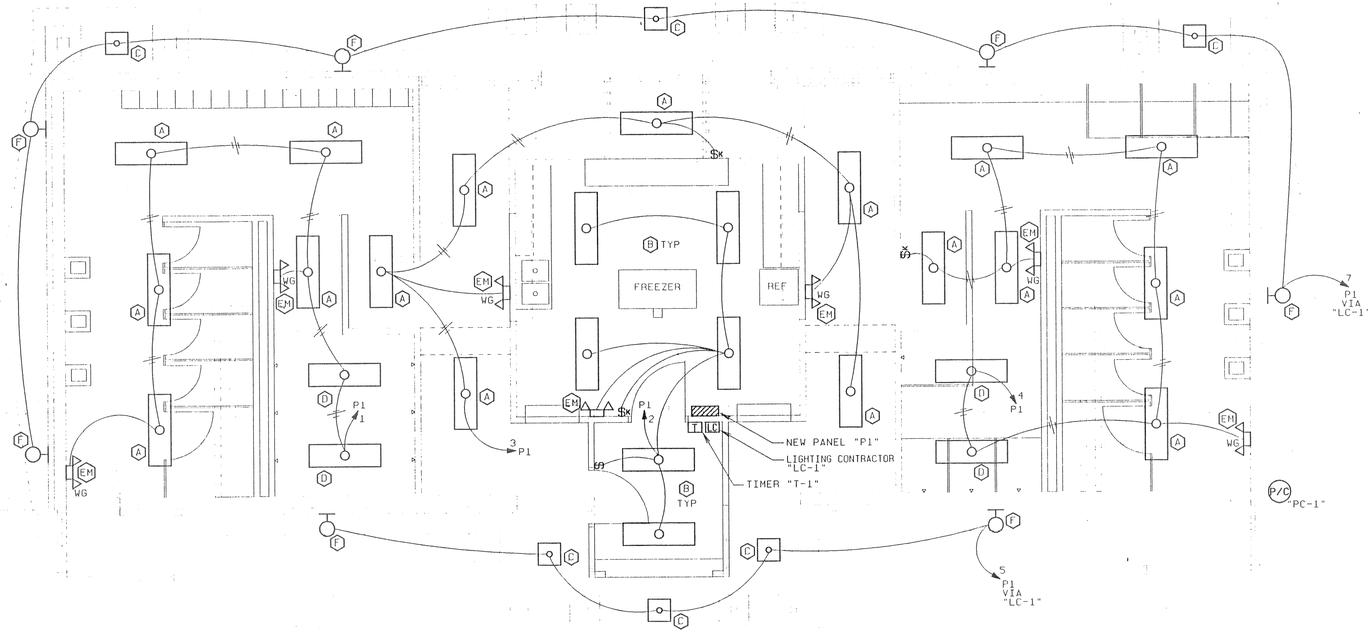
TYPE GE "A" SERIES 22,000 A.I.C.

LOCATION _____ NOTES _____

EL = EXISTING LOAD

X MAIN BREAKER
___ MAIN LUGS ONLY
X SOLID NEUTRAL
___ DOUBLE NEUTRAL
X GROUND BUS
___ ISOL. GRD. BUS
___ FLUSH
X SURFACE

LOAD	CO. SIZE	WIRE SIZE	C.B. SIZE	CIRCUIT NUMBER		C.B. SIZE	WIRE SIZE	CO. SIZE	LOAD
LIGHTING	3/4	12	20/1	1	2	20/1	12	3/4	KITCHEN LIGHTING
LIGHTING	3/4	12	20/1	3	4	20/1	12	3/4	LIGHTING
EXTERIOR LIGHTING	3/4	12	20/1	5	6	20/1	12	3/4	MENS LOCKER RECP
EXTERIOR LIGHTING	3/4	12	20/1	7	8	20/1	12	3/4	EXTERIOR RECP
WOMEN'S LOCKER RECP	3/4	12	20/1	9	10	20/1	12	3/4	EXTERIOR RECP
WOMEN'S LOCKER RECP	3/4	12	20/1	11	12	20/1	12	3/4	KITCHEN RECP
WOMEN'S LOCKER RECP	3/4	12	20/1	13	14	20/1	12	3/4	KITCHEN RECP
EXTERIOR RECP	3/4	12	20/1	15	16	20/1	12	3/4	KITCHEN RECP
FREEZER RECP	3/4	12	20/1	17	18	20/1	12	3/4	KITCHEN RECP
KITCHEN RECP	3/4	12	20/1	19	20	20/1	12	3/4	REFRIGE RECP
KITCHEN RECP	3/4	12	20/1	21	22	20/1	12	3/4	OFFICE RECP
EL	3/4	12	20/1	23	24	20/1	12	3/4	EL
EL	3/4	12	20/1	25	26	20/1	12	3/4	EL
EL	3/4	12	20/1	27	28	20/1	12	3/4	EL
EL	3/4	12	20/1	29	30	20/1	12	3/4	EL
EL	3/4	12	20/1	31	32	20/1	12	3/4	EL
EL	3/4	12	20/1	33	34	20/1	12	3/4	EL
EL	3/4	12	20/1	35	36	20/1	12	3/4	EL
SPARE			20/1	37	38	20/1	10	3/4	PICNIC SHELTER LTG
SPARE			20/1	39	40	20/1	10	3/4	PICNIC SHELTER LTG
SPACE				41	42	20/1	10	3/4	PICNIC SHELTER RECP



LIGHTING FLOOR PLAN

SCALE 1/4"=1'-0"

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
$	HUBBELL #1221, 20A., SP SWITCH
$3	HUBBELL #1223, 20A., 3-WAY SWITCH
$4	HUBBELL #1224, 20A., 4-WAY SWITCH
$M	ALLEN-BRADLEY #600TAX189, MANUAL STARTING SWITCH, WITH PILOT LIGHT, SURFACE MOUNTED. UNLESS NOTED OTHERWISE.
	HUBBELL #5362, 20A., 125V., DUPLEX RECEPTACLE, GROUNDING TYPE.
IG	ISOLATED GROUND RECEPTACLE, HUBBELL IG5362
	TWO HUBBELL #5362, 20A., 125V., DUPLEX RECEPTACLES, GROUNDING TYPE, MOUNTED IN A TWO GANG BOX WITH COMMON PLATE
GF	PASS AND SEYMOUR #2091, 20A., 125V., DUPLEX GROUND FAULT INTERRUPTER TYPE RECEPTACLE.
GFWP	PASS AND SEYMOUR #2091, 20A., 125V., DUPLEX GROUND FAULT INTERRUPTER TYPE RECEPTACLE WITH #4502 WEATHERPROOF COVER AND GASKET.
J	JUNCTION BOX, STANDARD 4" SQUARE BOX WITH COVER. LOCATE AND CONNECT AS DIRECTED.
T	TELEPHONE OUTLET, LEVITON SERIES 625B4, 4"SQ UP BOX IN WALL, 1 DEV PL RING, 3/4" EMT STUB TO ACCESSIBLE CEILING SPACE
TW	TELEPHONE OUTLET; LEVITON SERIES 625B4, WALL PHONE, MOUNTED AS DIRECTED, 1 DEV PL RING, 3/4" EMT STUB TO ACCESSIBLE CEILING SPACE
T	ALLEN TEL #AT55 SERIES CATEGORY 5 FLUSH-MOUNTED DUPLEX WALL JACK FOR VOICE & DATA COMMUNICATIONS, 4"SQ. UP BOX IN WALL, 1 DEV PL RING, 1" EMT STUB TO ACCESSIBLE CEILING SPACE
C	CLOCK/CLOCK OUTLET: AMERICAN 2012-BLE 12" BLACK STANDARD DIAL ECONOMY CLOCK UNLESS NOTED OTHERWISE IN SPECS.
	LIGHTING OR POWER PANEL
	DISCONNECT SWITCH, SIZE AND TYPE AS NOTED.
	ELECTRIC MOTOR, HORSEPOWER AS NOTED.
C	MOTOR CONTROL (FURNISHED BY OTHERS)
	H.I.D. OR INCANDESCENT FIXTURE. SEE LUMINAIRE SCHEDULE.
	FLUORESCENT FIXTURES, SEE LUMINAIRE SCHEDULE.
NL/EL	FIXTURE NOT CONTROLLED BY SWITCHES. TO BE USED AS NIGHT LIGHT OR EMERGENCY LIGHTING. SEE LUMINAIRE SCHEDULE.
A	DENOTES FIXTURE TYPE (SEE LUMINAIRE SCHEDULE)
	BRANCH CIRCUIT CONCEALED IN WALL OR CEILING
	BRANCH CIRCUIT CONCEALED IN FLOOR OR UNDERGROUND.
	BRANCH CIRCUIT EXPOSED - USE WIREMOLD IN FINISHED AREAS
	BRANCH CIRCUIT. NUMBER OF MARKS INDICATES NUMBER OF WIRES WHERE GREATER THAN TWO.
	HOME RUN TO PANELBOARD NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS
	DENOTES CONDUIT UP
	DENOTES CONDUIT DOWN

LUMINAIRE SCHEDULE

EQUALS:
LITHONIA, COOPER/METALUX, THOMAS/DAYBRITE AND HUBBELL ARE APPROVED EQUALS TO FIXTURES LISTED ONLY AS INDICATED ON "MASTER LIST OF APPROVED FIXTURE EQUALS" PUBLISHED BY THIS ENGINEER. IF A CATALOG NUMBER IS NOT ON THIS LIST, IT IS NOT CONSIDERED A BASE BID EQUAL AND MUST BE APPROVED BY ENGINEER PRIOR TO BIDDING. NO SUBSTITUTIONS WILL BE ACCEPTED AFTER BID OPENING.

ITEM	MANUFACTURER & CAT. No.	VOLTS	LAMPS	MOUNTING
A	LITHONIA DM232/DP/120/GEB10 1x4 ENCLOSED INDUSTRIAL FLUORESCENT WITH ELECTRONIC BALLAST, 2-LAMP (DAMP LOCATION RATED)	120	2-F32T8SPX41	CLG-SURFACE
B	LITHONIA LB432/120/GEB10 16"x 4' WRAPAROUND FLUORESCENT WITH ELECTRONIC BALLAST, 4-LAMP	120	4-F32T8SPX41	CLG-SURFACE
C	LITHONIA LAH100M/11RW/T73/120 12"x 12" SQUARE METAL HALIDE DOWNLIGHT	120	1-MVR100U	SOFFIT-RECESSED
D	LITHONIA DMW232/DP/120/GEB10 1x4 ENCLOSED INDUSTRIAL FLUORESCENT, 2-LAMP WITH ELECTRONIC BALLAST (WET LOCATION RATED)	120	2-F32T8SPX41	CLG-SURFACE
E	NOT USED			
"EL"	WHERE SO DESIGNATED ON A FLUORESCENT FIXTURE, ADD SUFFIX "-EL" TO MANUFACTURER'S CATALOG NO. DENOTING EMERGENCY LIGHTING BATTERY-PACK OPTION.			
EM	LITHONIA 6ELM2/N EMERGENCY LIGHT WITH NICAD BATTERY BACKUP	120	INTEGRAL	CLG-SURFACE
EM WG	LITHONIA 6ELM2/N/WG EMERGENCY LIGHT WITH NICAD BATTERY BACKUP AND WIRE GUARD	120	INTEGRAL	CLG-SURFACE
F	LITHONIA TWP100M/120 WALL-MOUNTED AREA LIGHTER	120	1-MVR100U	WALL-SURFACE MH @ 10'AFF

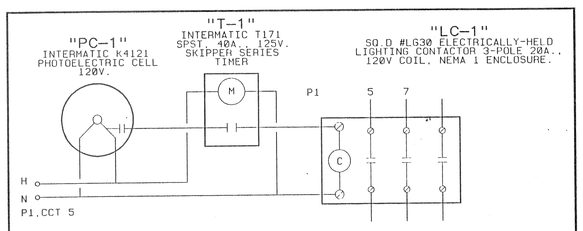
NOTES:
1) CONNECT ALL BATTERY-POWERED EXIT AND EMERGENCY LIGHTS AHEAD OF SWITCH ON LIGHTING CIRCUIT IN AREA LOCATED.

2) E.C. SHALL IN HIS BID INCLUDE A MIN. OF 5% SPARE FLUORESCENT LAMPS (ROUNDING UP TO THE NEAREST CASE QUANTITY) AND 1 EACH OF EACH HID LAMP TYPE AND WATTAGE. E.C. SHALL ALSO INCLUDE 2% SPARE BALLASTS, WITH A MIN. OF 1 OF EACH TYPE FLUORESCENT AND HID.

3) E.C. SHALL SUBMIT A USE OF PROPOSED SPARES WITH HIS LIGHTING SUBMITTALS ITEMIZING BALLASTS AND LAMPS BY FIXTURE TYPE AND QUANTITY, BALLAST TYPE AND QUANTITY, AND LAMPS TYPE AND QUANTITY, WITH TOTALS BY BALLAST AND LAMP QUANTITY, FOR APPROVAL OF ENGINEER.

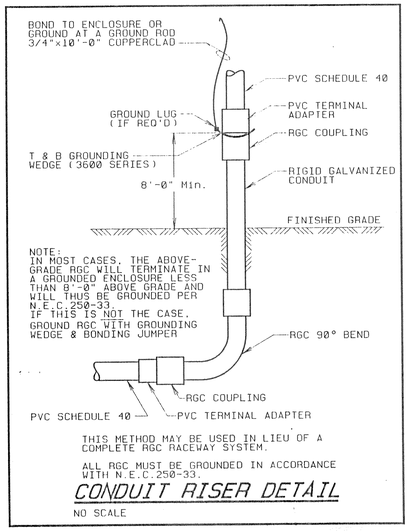
4) ALL ELECTRONIC BALLASTS SHALL BE MOTOROLA/GENERAL ELECTRIC, MAGNATEK OR ADVANCE, AND SHALL CARRY A MANUFACTURER'S WARRANTY OF 3 YEARS, INCLUDING LABOR TO REPLACE. ELECTRONIC BALLASTS SHALL BE OF THE MAX.10% THD-TYPE.

5) E.C. SHALL COORDINATE INSTALLATION OF ALL RECESSED FIXTURES WITH G.C. TO INSURE THAT THERE IS NO DIRECT THERMAL INSULATION CONTACT. INSTALLATION SHALL STRICTLY CONFORM WITH N.E.C., AND E.C. SHALL BE RESPONSIBLE FOR PROVIDING INSULATION "TENTS" OR DIRECT-CONTACT-RATED FIXTURES WHERE NECESSARY AS A PART OF BASE BID.



EXTERIOR BUILDING LIGHTING CONTROL DIAGRAM

NO SCALE



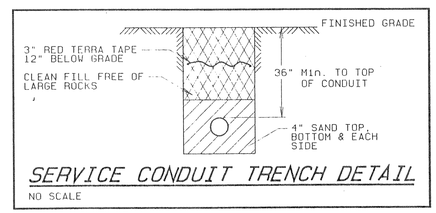
NOTE:
IN MOST CASES, THE ABOVE-GRADE RGC WILL TERMINATE IN A GROUNDED ENCLOSURE LESS THAN 8'-0" ABOVE GRADE AND WILL THUS BE GROUNDED PER N.E.C.250-33. IF THIS IS NOT THE CASE, GROUND RGC WITH GROUNDING WEDGE & BONDING JUMPER

THIS METHOD MAY BE USED IN LIEU OF A COMPLETE RGC RACEWAY SYSTEM.

ALL RGC MUST BE GROUNDED IN ACCORDANCE WITH N.E.C.250-33.

CONDUIT RISER DETAIL

NO SCALE



SERVICE CONDUIT TRENCH DETAIL

NO SCALE

GENERAL NOTES:

1) IDENTIFICATION TAGGING IS REQUIRED ON ALL PANELBOARDS, DISCONNECT SWITCHES, STARTERS, CONTROL PANELS, PUSHBUTTONS AND MISC. ELECTRICAL DEVICES INSTALLED BY THE ELECTRICAL CONTRACTOR.

USE ENGRAVED LAMACOID LABEL, 1" WIDE BY 2" LONG MINIMUM, BLACK WITH WHITE LETTERS, MINIMUM 3/4" HIGH.

2) INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH CURRENT NATIONAL ELECTRICAL CODE AND ALL APPLICABLE STATE AND LOCAL CODES.

3) ALL CONDUCTORS SHALL BE #12 THHN, AND CONDUITS SHALL BE 3/4"EMT MINIMUM UNLESS OTHERWISE NOTED. EACH CONDUIT SHALL HAVE A SEPARATE GROUND WIRE SIZED PER N.E.C. TABLE 250-95.

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1440

STATE OF OHIO
ROBERT A HORN
E-042347
REGISTERED PROFESSIONAL ENGINEER

FLOOR PLAN - LIGHTING

RENOVATIONS TO
BEREA BATH HOUSE
BEREA, OHIO

JOB: 98-1642E
DATE: 11-02-98
DWN: MM/JAD
CHK: RAH
REVISIONS

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SHEET NO.
11.2

ROBERT A. Horn, P.E.
CONSULTING ELECTRICAL ENGINEERS
808 S. Turnpike Avenue
Suite 201
Davis, Ohio 44622
(330) 364-7184
Fax (330) 364-1360

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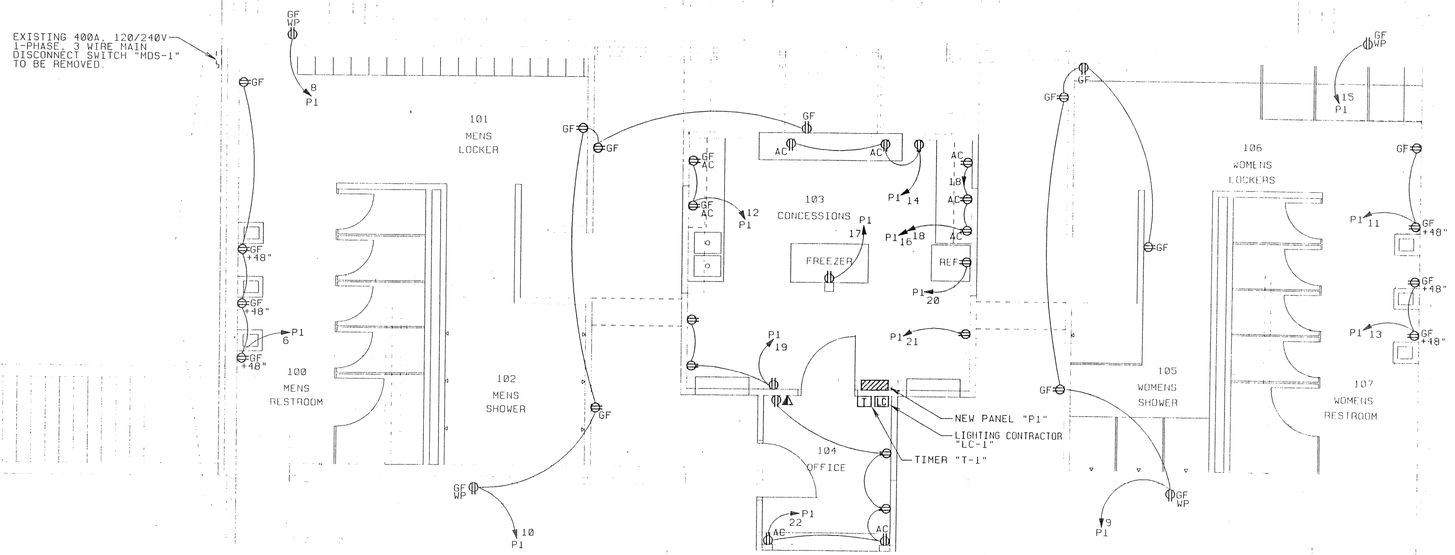
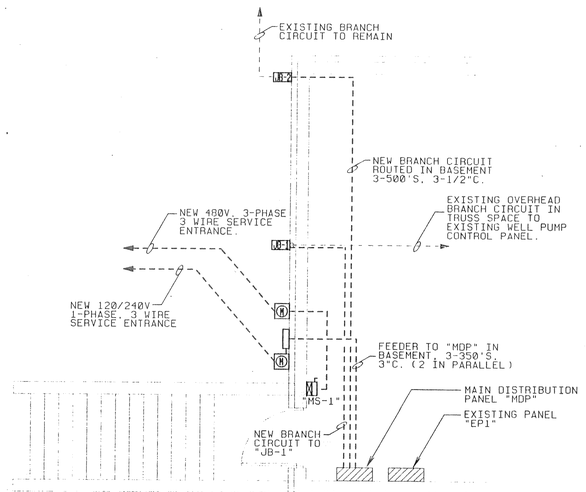


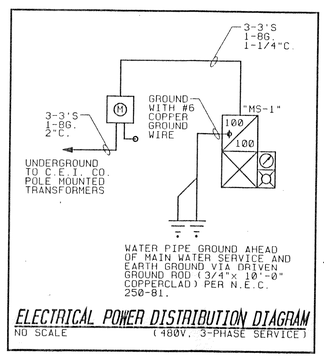
POWER FLOOR PLAN

SCALE 1/4"=1'-0"



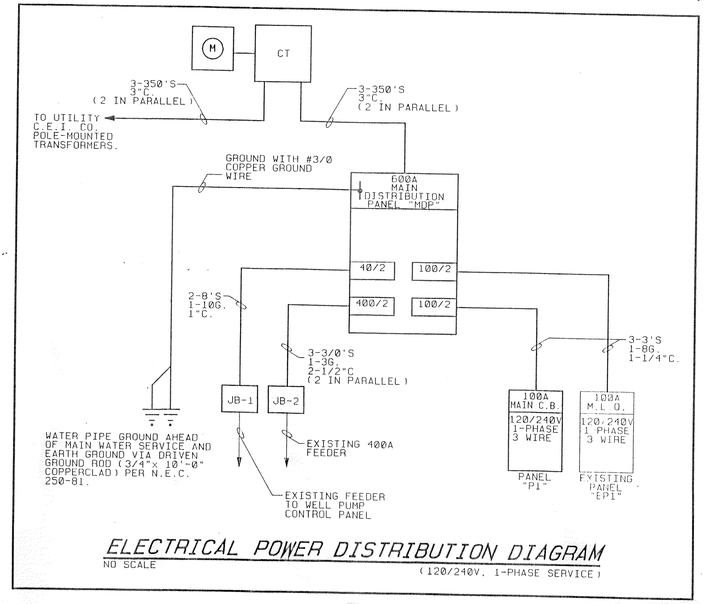
PARTIAL BASEMENT PLAN - POWER

SCALE 1/4"=1'-0"



ELECTRICAL POWER DISTRIBUTION DIAGRAM

NO SCALE (480V, 3-PHASE SERVICE)



ELECTRICAL POWER DISTRIBUTION DIAGRAM

NO SCALE (120/240V, 1-PHASE SERVICE)

SPECIAL NOTE:

ALL CONDUCTOR AND CONDUIT SIZES SHOWN ON THESE DRAWINGS REPRESENT THE ENGINEER'S BEST JUDGMENT OF HOW FEEDERS AND BRANCH CIRCUITS SHOULD ACTUALLY BE INSTALLED BY THE ELECTRICAL CONTRACTOR.

TO ALLOW FOR VARIANCE IN ACTUAL PROJECT CONDITIONS AND TO COMPLY WITH THE INTERPRETATION OF THE AUTHORITY HAVING JURISDICTION (AHJ), ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE UNDER THE BASE BID CONTRACT FOR INSTALLING CONDUITS AND CONDUCTORS SIZED AS REQUIRED BY THE 1996 N.E.C. AND AHJ, NOTWITHSTANDING THE SIZES SHOWN ON THE DRAWINGS.

UNDER NO CIRCUMSTANCES MAY THESE CONDUCTORS/CONDUITS BE SMALLER IN SIZE OR RATING THAN THOSE SHOWN BY THE ENGINEER.

STRICT COMPLIANCE WITH 1996 N.E.C. REQUIREMENTS AND WITH AHJ INTERPRETATIONS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR UNDER THE BASE BID CONTRACT, NOTWITHSTANDING ANY INFORMATION WHICH APPEARS TO BE SHOWN OTHERWISE ON THESE DRAWINGS OR SPECIFICATIONS.

City Design and Architecture Inc.
1738 Ravenna Ave. N.E.
Louisville, Ohio 44641
Phone, Fax (330) 875-1140

STATE OF OHIO
ROBERT A. HORN
E-042347
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FLOOR PLAN - POWER

RENOVATIONS TO
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SHEET NO.
11.3

ROBERT A. Horn P.E.
CONSULTING ELECTRICAL ENGINEERS
808 S. Tuscarawas Avenue
P.O. Box 493
Dover, Ohio 44622
Phone (330) 364-7760
Fax (330) 364-7560

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