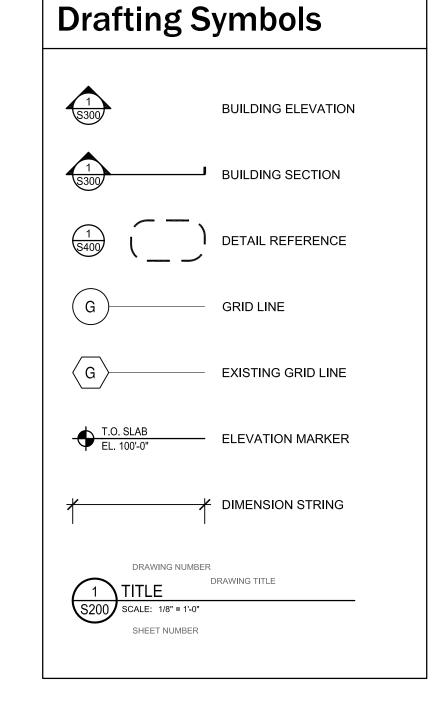
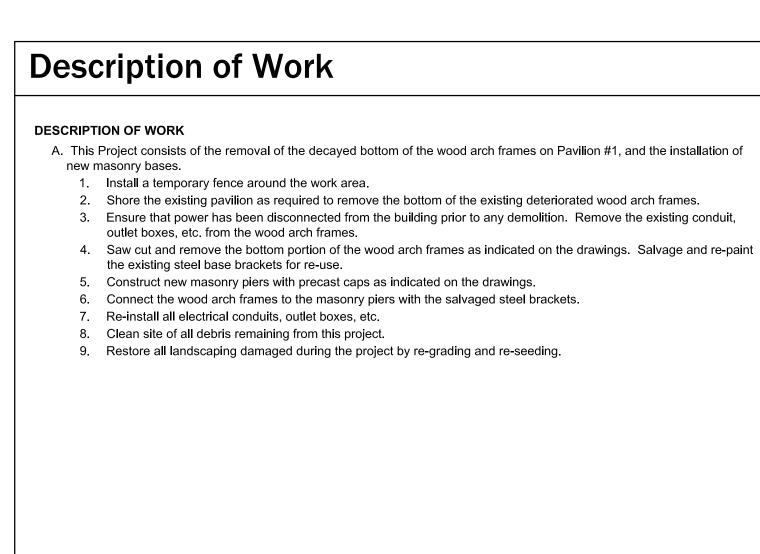
#### Anoka County - Lake George Park Picnic Pavilion



# Sheet Index R000 TITLE SHEET R100 PLAN, SECTION, AND DETAIL



#### Oak Grove, Minnesota







PART 1 - DESIGN DATA	PART 3 - CONCRETE	
1.01 BUILDING CODE MINNESOTA STATE BUILDING CODE (2015)  1.02 DESIGN LOADS A. SNOW LOAD: GROUND SNOW LOAD PG: FOOF SNOW LOAD PF: 50 PSF ROOF SNOW LOAD PF: 35 PSF	3.01 CONCRETE REINFORCING AND ACCESSORIES A. REINFORCING STEEL SHALL BE DEFORMED BARS, FREE FROM LOOSE RUST AND SCALE, AND CONFORMING TO ASTM A615, GRADE 60. B. LAP REINFORCING TO DEVELOP THE FULL TENSION CAPACITY OF THE (SMALLER) BAR. C. NO BARS SHALL BE CUT OR OMITTED IN THE FIELD. BARS MAY BE MOVED ASIDE WITH THE PRIOR APPROVAL OF THE ARCHITECT.	
1.03 WIND A. WIND SPEED B. EXPOSURE B. EXPOSURE C. IMPORTANCE FACTOR D. HEIGHT EXPOSURE, GUST, AND PRESSURE COEFFICIENTS IN ACCORDANCE WITH BUILDING CODE. C. COMPONENTS AND CLADDING INTERNAL PRESSURE COEFFICIENT F. COMPONENTS AND CLADDING EXTERNAL WINDWARD PRESSURE COEFFICIENT GCp = 0.9 G. COMPONENTS AND CLADDING EXTERNAL LEEWARD PRESSURE COEFFICIENT (TYP.) GCp = 0.9 H. COMPONENTS AND CLADDING EXTERNAL LEEWARD PRESSURE COEFFICIENT (TYP.) GCp = 1.8  1.04 SEISMIC A. ZONE N.A.  1.05 LATERAL SYSTEMS DESCRIPTION A. EXISTING WOOD FRAME.  1.06 GENERAL A. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD, AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK. B. UNLESS NOTED OTHERWISE, DETAILS SHOWN ON ANY DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.  1.07 NEW WORK IN CONJUNCTION WITH EXISTING CONSTRUCTION A. VERIFY EXISTING CONDITIONS: 1. VERIFY, BY FIELD CHECK, SIZES, DIMENSIONS, ELEVATIONS, LOCATIONS, ETC, OF ELEMENTS OF EXISTING CONSTRUCTION REMAINS ON FIRST SHOP DRAWINGS. 2. NOTIFY ENGINEER IMMEDIATELY OF DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS. 3. NOTE VERRIFIED FIELD DIMENSIONS ON FIRST SHOP DRAWINGS. 4. ENGINEER MAS ASSUMED THAT EXISTING STRUCTURES WERE DESIGNED AND CONSTRUCTED IN CONSTRUCTION AND TO PROTECT FROM DAMAGE EXISTING STRUCTURE WHICH IS TO REMAIN. 5. GENERAL CONTRACTOR TO ASSUME ALL RESPONSIBILITY FOR PRESERVATION OF THIS PROPERTY. 6. GENERAL CONTRACTOR TO ASSUME ALL RESPONSIBILITY FOR PRESERVATION OF THIS PROPERTY.	PART 4 - MASONRY  4.01 MASONRY MATERIALS  A. WORK FOR HOLLOW, CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.1-88/ASCE 6-88 "SPECIFICATIONS FOR MASONRY STRUCTURES."  B. CONCRETE MASONRY UNITS (CMU) SHALL BE 8 INCHES OR 12 INCHES UNLESS NOTED OTHERWISE ON CONTRACT DRAWINGS. UNITS SHALL CONFORM TO ASTM C90, GRADE N-1.  D. CMU SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI BASED ON THE NET AREA.  E. MORTAR FOR REINFORCED CMU WALLS SHALL BE TYPE M OR S CONFORMING TO ASTM C270 AND HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 OR 1,800 PSI, RESPECTIVELY.  F. GROUT FOR REINFORCED CMU WALLS SHALL CONFORM TO ASTM C476, AND SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH, AT LEAST EQUAL TO MINIMUM COMPRESSIVE STRENGTH OF THE CMU.  4.02 MASONRY REINFORCEMENT  A. REINFORCING SHALL CONFORM TO ASTM SPECIFICATIONS A615, GRADE 60.  B. VERTICAL REINFORCEMENT  A. REINFORCING SHALL CONFORM TO ASTM SPECIFICATIONS A616, GRADE 60.  B. VERTICAL REINFORCING SHALL BE SECURELY HELD IN PROPER ALIGNMENT AND POSITION DURING GROUTING OPERATIONS BY USING "REBAR POSITIONERS"; AS MANUFACTURED BY WIRE BOND OR APPROVED EQUAL. THE PRODUCT, IN ADDITION, SHALL ALLOW FOR GUIDING THE SPLICED REINFORCING DROPPED FROM THE TOP OF THE LIFT.  4.03 MASONRY CONSTRUCTION  A. CELLS CONTAINING REINFORCING SHALL BE SOLIDLY FILLED WITH GROUT. DO NOT USE MORTAR TO FILL CELLS AND BOND BEAMS. KEEP CORES FREE FROM MORTAR DROPPINGS.  B. GROUT SHALL BE PLACED USING LOW LIFT GROUTING PROCEDURES CONFORMING TO ACI/ASCE. TERMINATE GROUT POURS 13" BELOW TOP OF COURSE OF PLACEMENT. REINFORCING SHALL BE SPLICED A MINIMUM OF 40 BAR DIAMETERS.  C. STEEL MATERIALS  1. ANCHOR BOLTS SHALL BE ASTM A307 BOLTS OF THE DIAMETERS AND DIMENSIONS DETAILED, UNLESS NOTED OTHERWISE ON THE DRAWINGS.	



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# Anoka County ake George Park Picnic Pavillon

I hereby certify that this plan, specification, or report was prepared by me or under my direct

supervision and that I am a duly Licensed

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Signa	ture		
Craig	A. Milkert		
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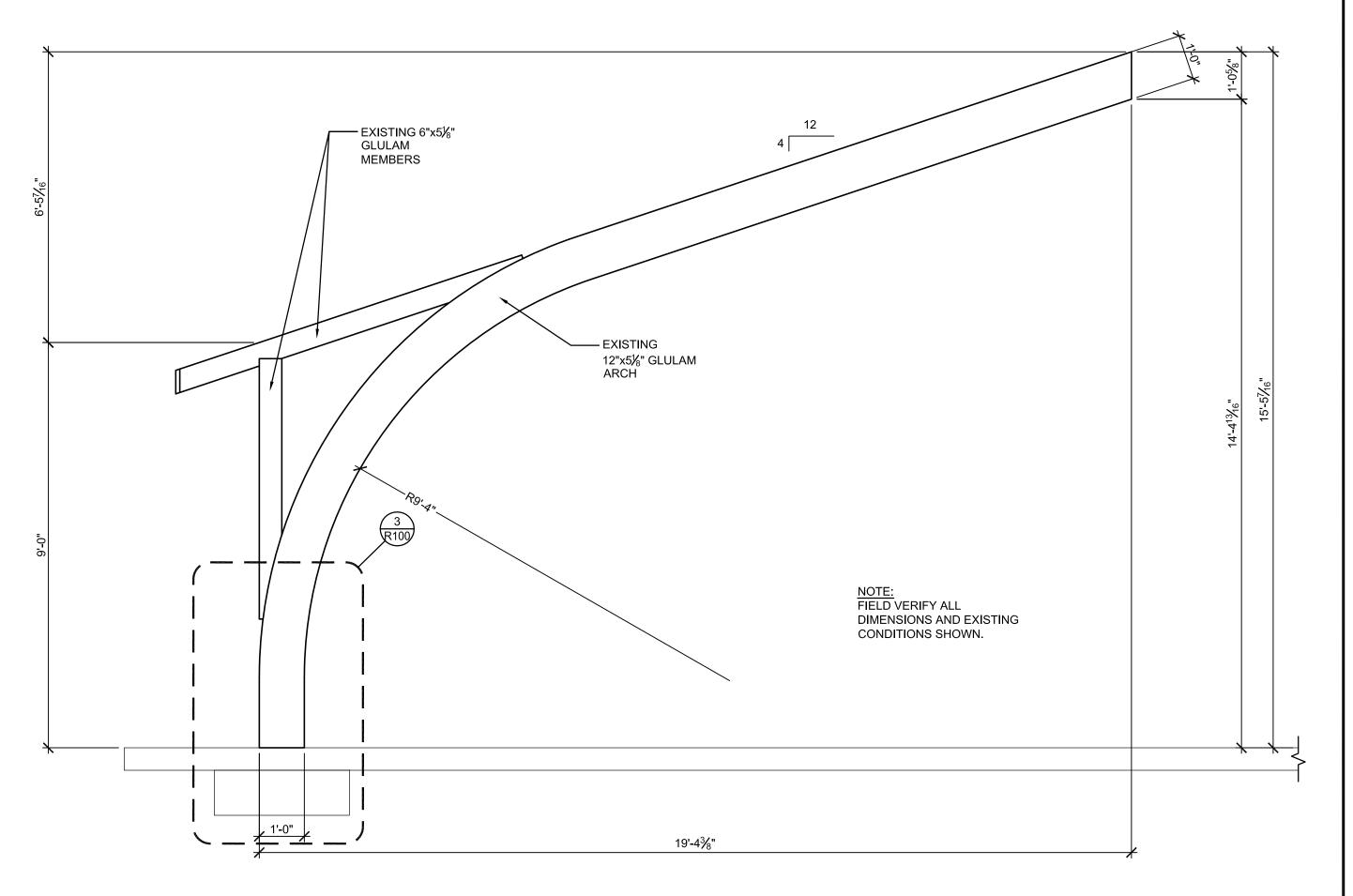
TITLE SHEET

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67

3 NEW PIER BASE DETAIL

R100 | SCALE: 1 1/2" = 1'-0"



2 EXISTING SECTION OF ARCH R100 SCALE: 1/2" = 1'-0"



## COLLABORATIVE DesignGroup, inc. 100 Portland Avenue South, Suite 100 Minneapolis, Minnesota 55401

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# Anoka County Lake George Park Picnic Pavilion

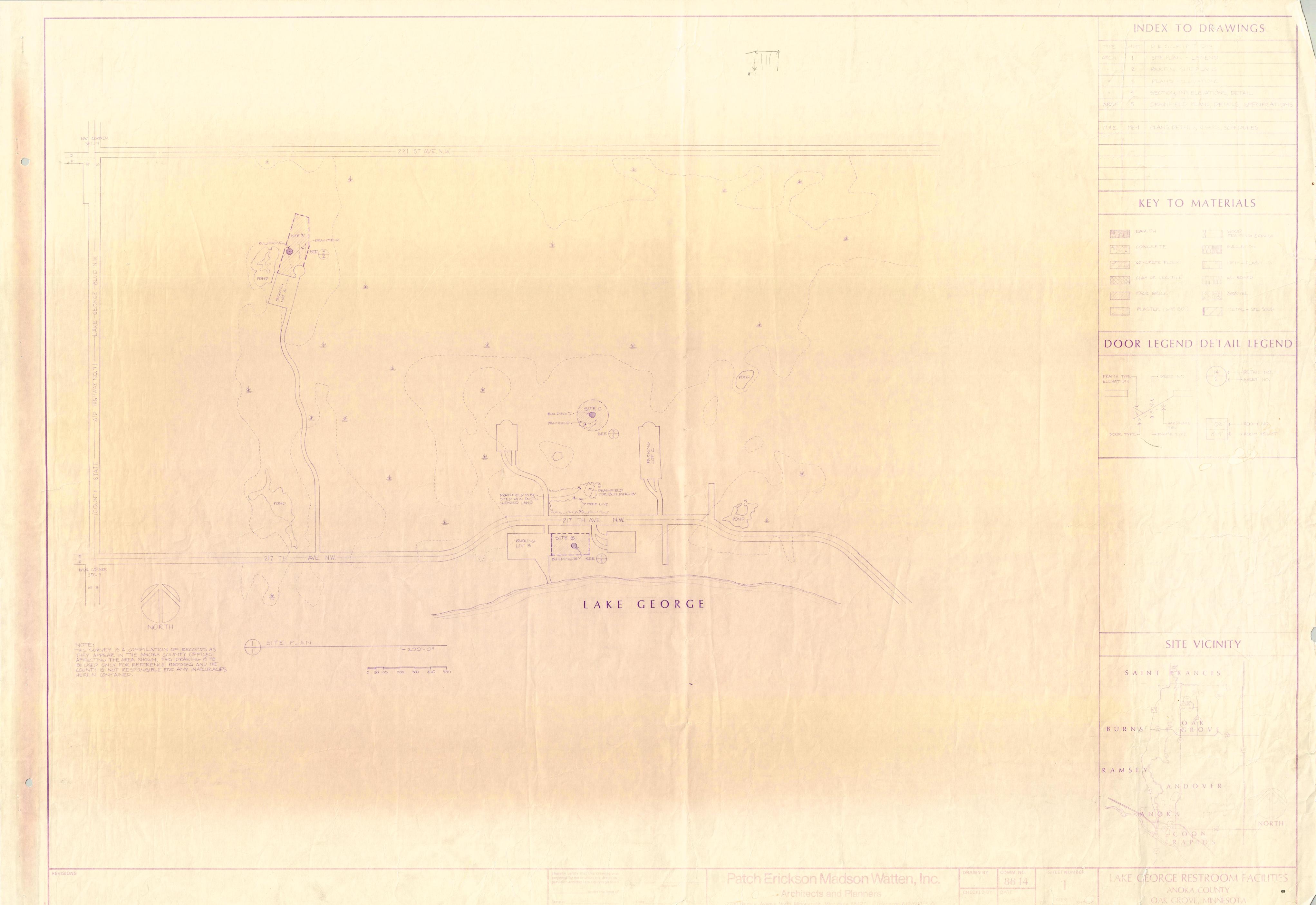
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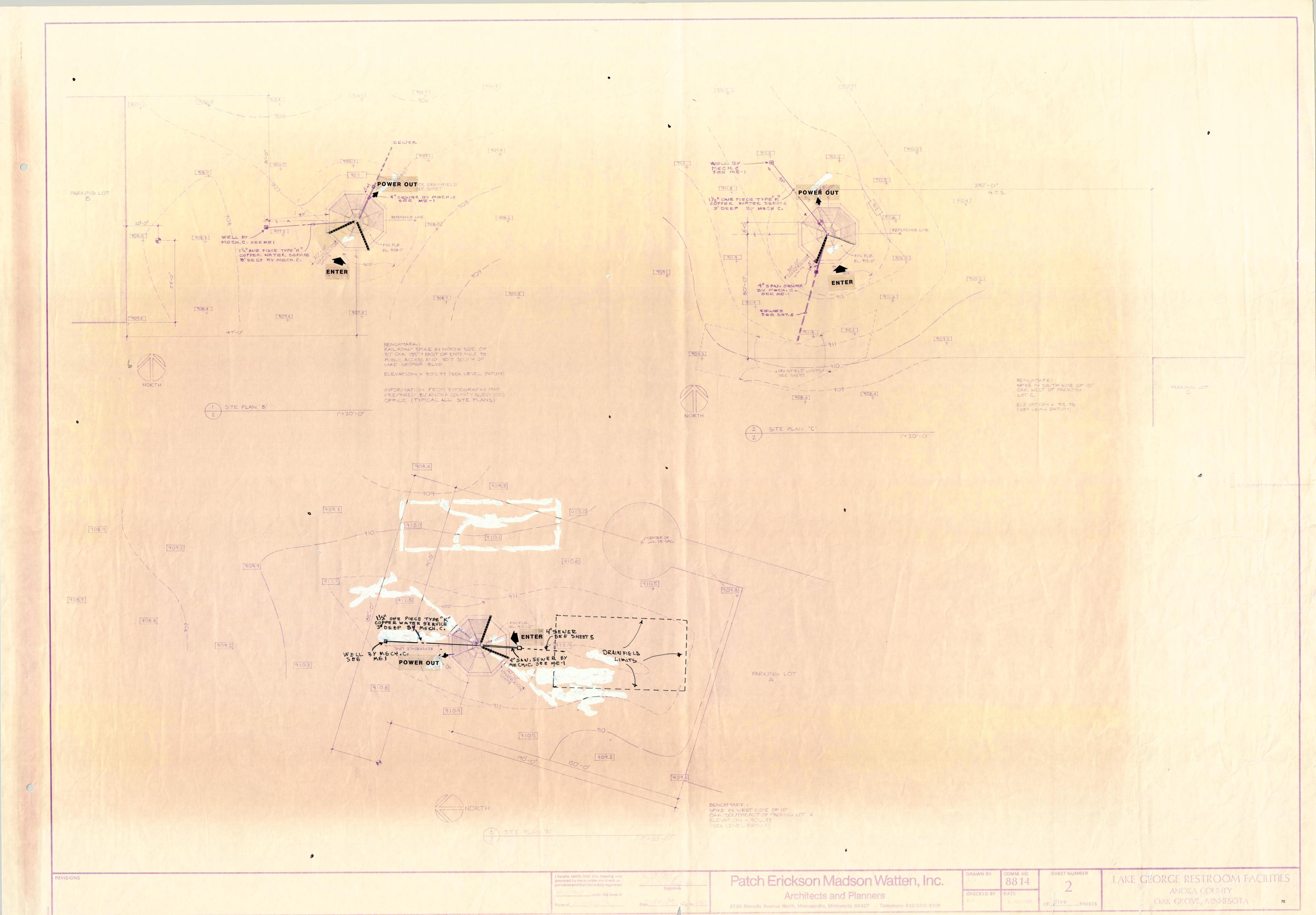
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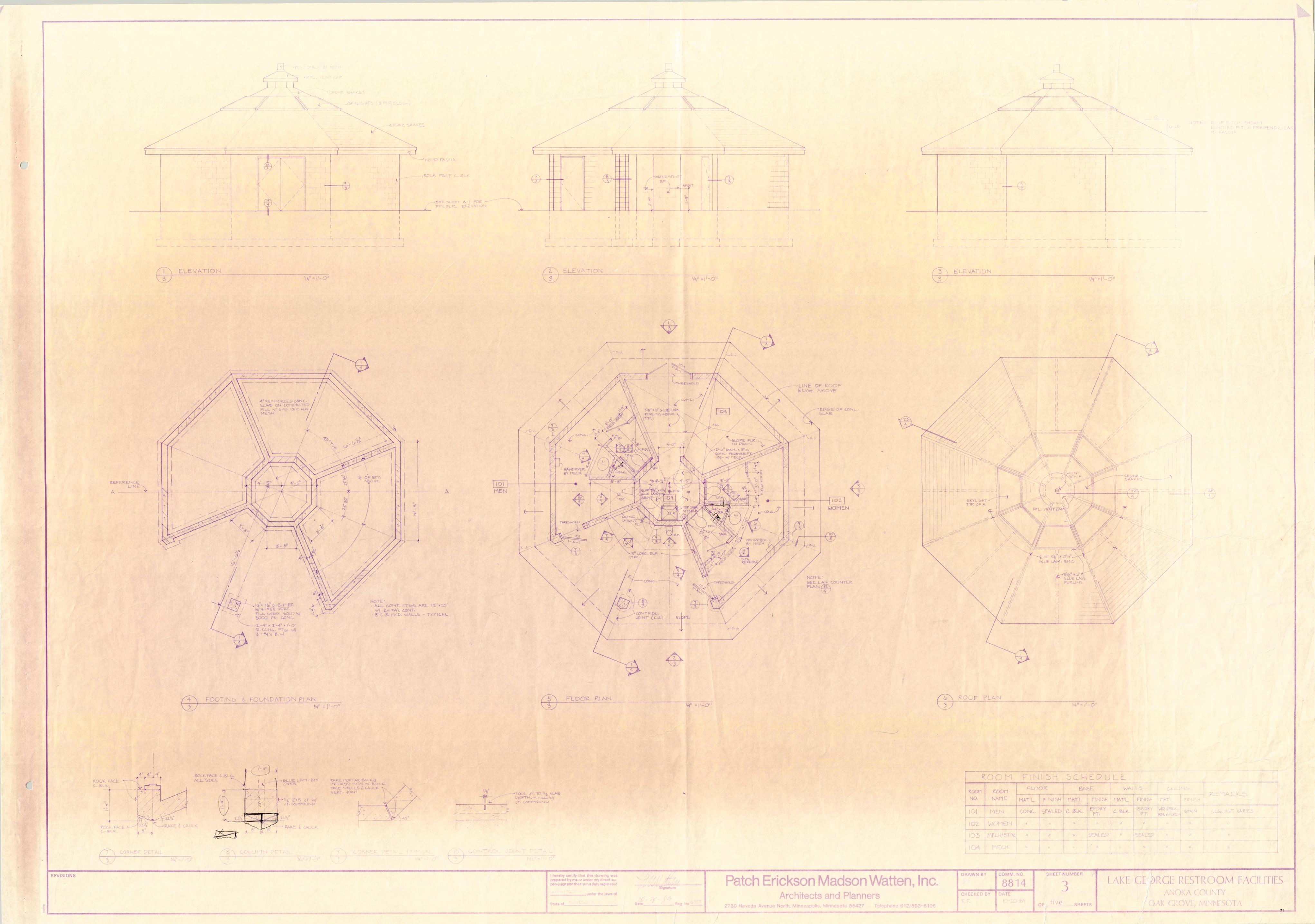
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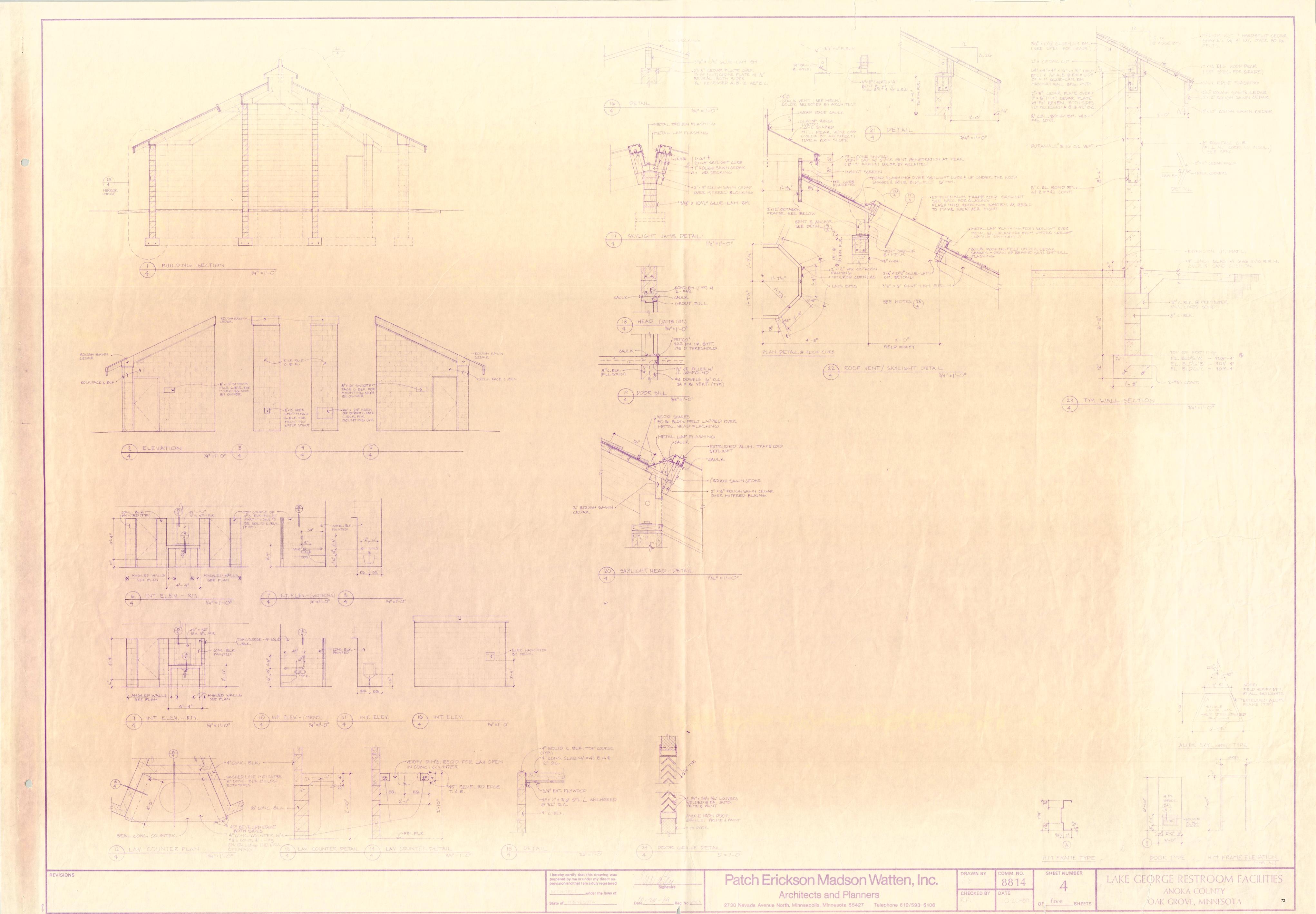
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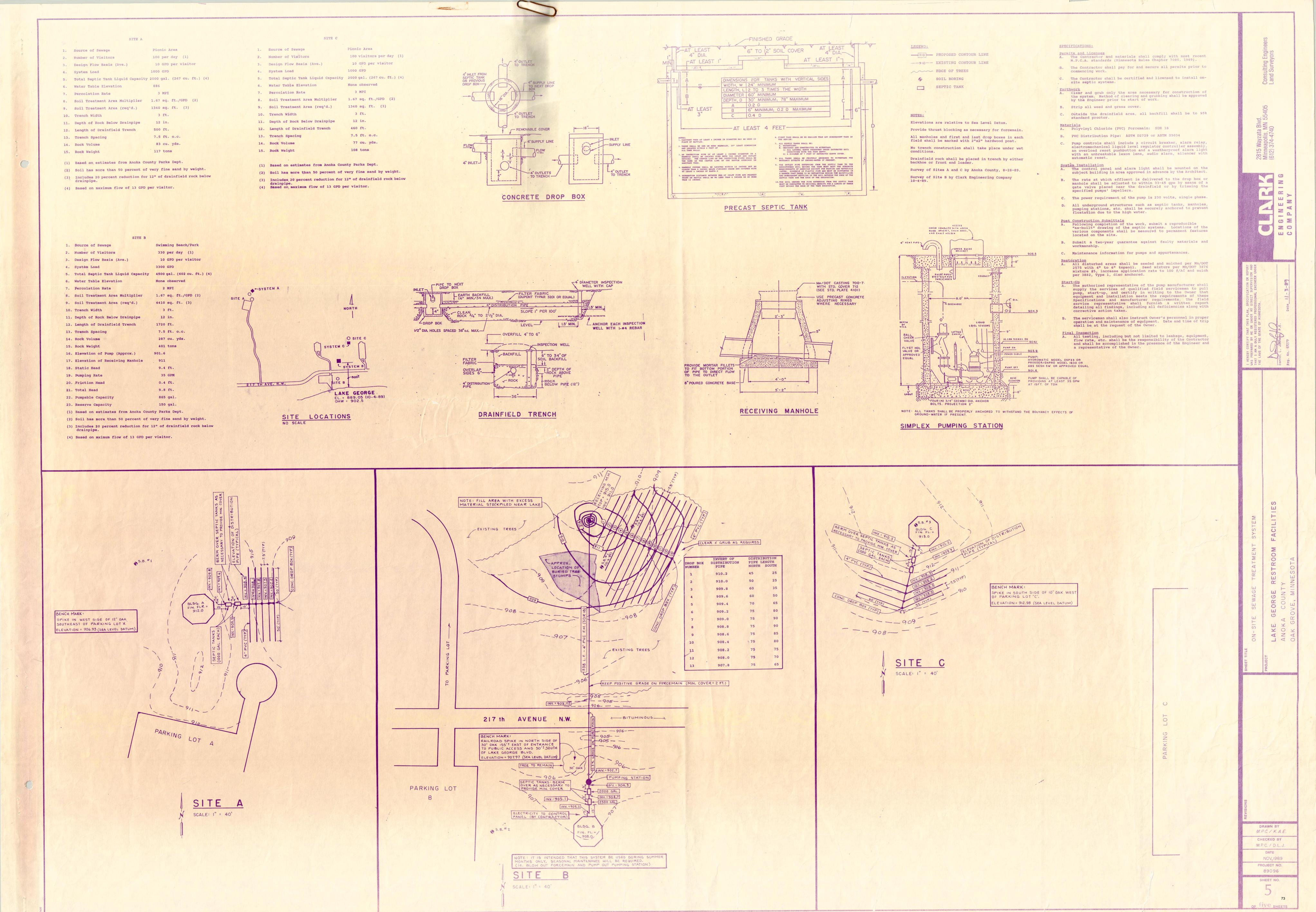
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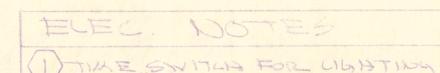












TORK # W-BOOL , SEE DUBBRAL 2) PHOTO COLOTROL, TORK# 2101, - IDSTALL UDDER SKILIGHT UP 14, SEE DIAGRAM

3) ELECTRIC HADO DRYBIR. WORLD #RASZ, RELESSED. 120 V.

(4) PADEL "L-1" 120/240V, SIDGLE PHASE, THREE WIRE, SURFACE MAN 95, ADDI HTIV CETOLOS CIRCUIT BREAKER AND THE FOLLOWING BRADCH CIRWITS. 8-20/1,2-20/2,2-30/2 SPACE ODLY 8-1P

(5) ELECTIZIC METER

(6) 1/2"-146 SERVICE GROUDD (7) CONDECT TO TWO 4500W, 240V WATER HEATERS, PROVIDE DISC. SWITCHES.

(8) UTILITY FAN JAH.P. 120V WITH DAMPER MOTOR, PROVIDE MADUAL MOTOR STARTER WITH PILOT LIGHT

(9) 1/4"-3#Z TAW CU TO CONTRACT LIMIT 100' FROM BUILDING. EXTENSION TO UTILITY POWER SOURCE BY OWNER. COORDINATE WITH OWDER BEFORE NOSTALATION.

10) WELL PUMP IH.P., 240V VERIFY - EXACT LOCATION WITH WELL COINTR, PROVIDE ALL REQP. DISCOUDELTS.

11) WELL COLTROLS BY WELL - WIRE ALL COMPONEIOTS COMPLETE INCLUDING MOTOR STARTER, LIGHTIOIDG PRUTEUTION, PRESSURE SWITCH PROVIDE READ. DISCODIDECT SWITCH

(12) SEWAGE PUMP STATION . WITH ODE 1/3 H.P. 230V PUMP ADD THERE FLOAT SYITCHES. SITE "B"ODLY.

13) CONTROL PAIORL FOR SEWAGE PULLE STATION FURDISHED BY OTHERS, SITE "B" OICH

14) ALARY LIGHT & ALARY BE EXACT LOCATION / JUST BE YERIFIED. FURDISTED BY OTHERS, SITE "B" ONLY

B YADDAL RESISTAINT

SURFACE HILD.

REVISIONS

SURFACE HID.

LAMPHONDER

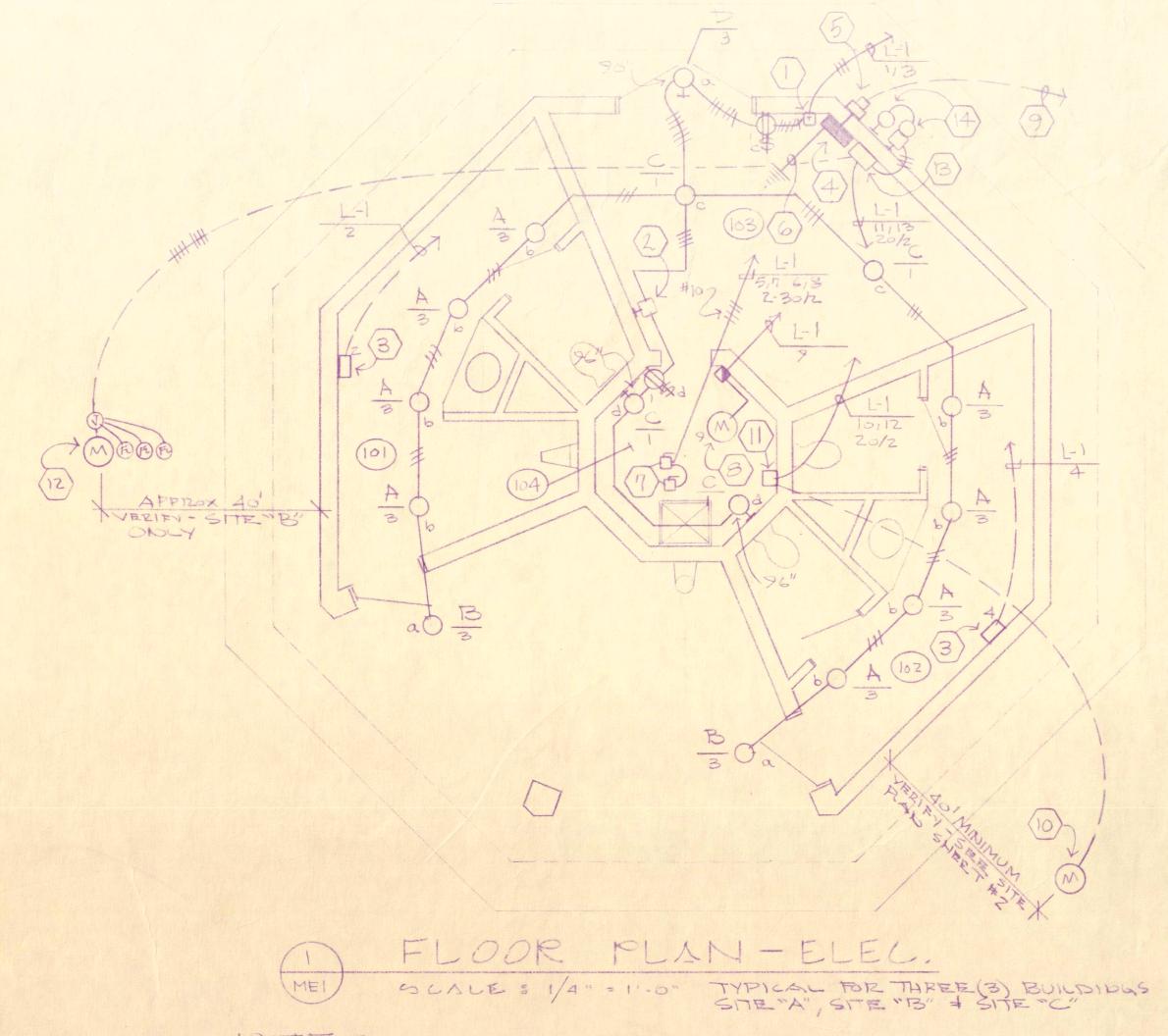
KENLESS PORCELAIN

VANDAL PRESISTANT 120

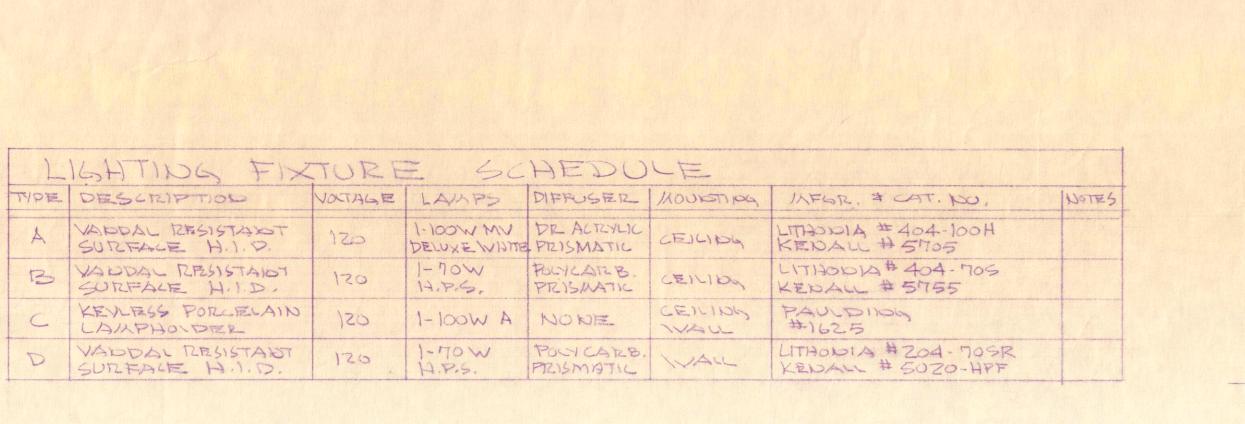
14. P.S. PRISMATIC

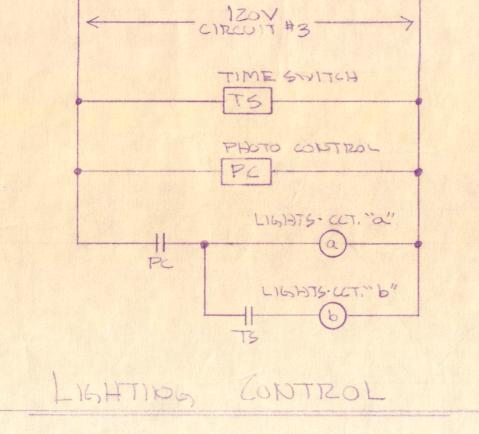
1-70W POUICARB.

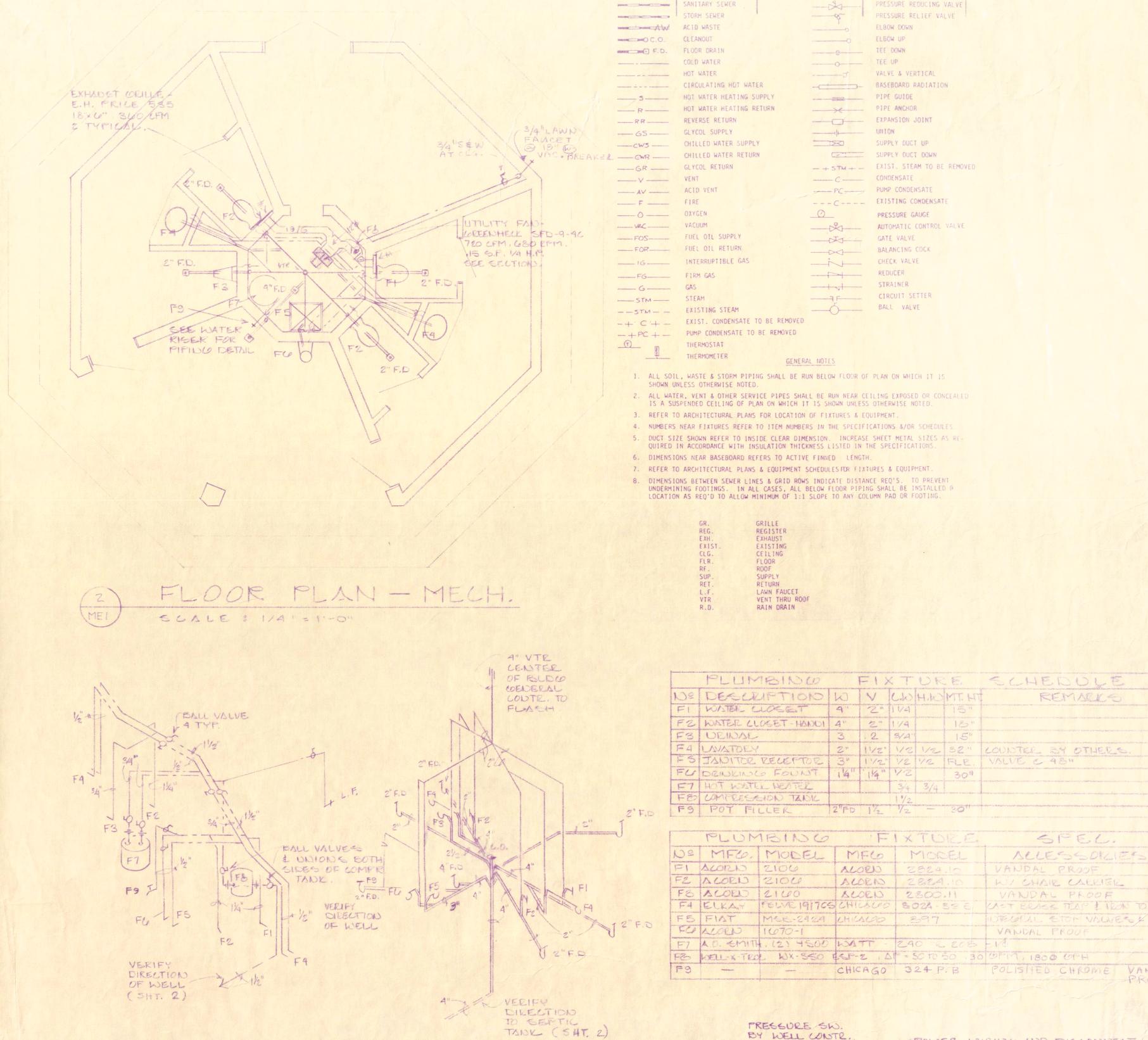
1-100W A NONE

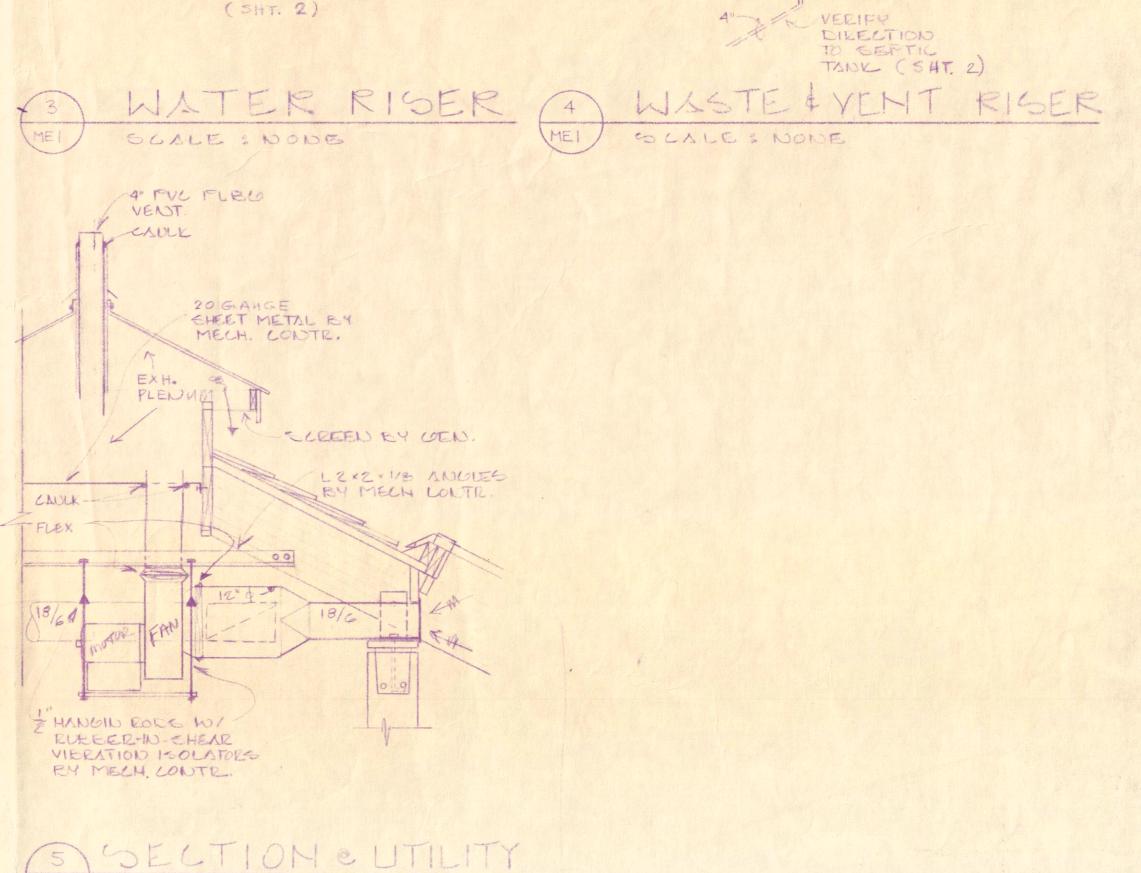


NOTES ROOMS#101 # 102 - RUN WIRING CONCEDIED WHERE POSSIBLE, EXPOSED WILLIAM MUST BE ROOMS# 103 = #104 - WIRIDA MAY BE RUD EXPOSED IN COLDUIT.









PRESSURE REDUCING VALVE

ELBOW DOWN

PRESSURE RELIEF VALVE

O ELBOW UP

TEE DOWN

TEE UP

PIPE GUIDE

EXPANSION JOINT

SUPPLY DUCT UP

\_\_\_\_ C \_\_\_\_ CONDENSATE

GATE VALVE

- CHECK VALVE

REDUCER

- - STRAINER

BALANCING COCK

CIRCUIT SETTER

BALL VALVE

GENERAL NOTES

PC PUMP CONDENSATE --- C--- EXISTING CONDENSATE

SUPPLY DUCT DOWN

- + STM + - EXIST. STEAM TO BE REMOVED

PRESSURE GAUGE

AUTOMATIC CONTROL VALVE

VALVE & VERTICAL - BASEBOARD RADIATION

SCALE: NONE STAINLESS. STEEL STRAINER

TO PRESSURE

TANK.

NOTE: ONE BLOW OF & ALVEE SHOOK ONE WELL OF 3 SLIKE SHOW SEE ARCHITELTURGE SITE FLAN FOR LOCATION OF SEPTIL SYSTEM BY OTHER

ALLESCOVIES

PITTLESS

SOSPIER

/SOBMERSIBLE

KPVC CASINO

ELECTRICAL MECHANICAL

SCALE & NONE

EMANUELSON - PODAS, INC. CONSULTING ENGINEERS 1 BOOT 18TH AVENUE BOUTH MINNEAPOLIS, MINN. 58423

I hereby certify that this drawing was repared by me or under my direct su-

Robert & maring Signature Date 10/3/ /89 Reg No.55/5 Patch Erickson Madson Watten, Inc.

DRAWN BY COMM. NO. CHECKED BY DATE

SHEET NUMBER MIII

CIOICIU

TYPICAL

CHECK

YALVE BALL

VALVE

LAKE CÉORGE RESTROOM FACILITIES

pervision and that I am a duly registered

Architects and Planners 2730 Nevada Avenue North, Minneapolis, Minnesota 55427 Telephone 612/593-5106

ANOKA COUNTY OAK GROVE, MINNESOTA

