

ALTERATIONS TO THE LUFKIN POOL FACILITY ARDMORE AVENUE NEAR JACKSON STREET VILLA PARK · ILLINOIS

OWNER
THE VILLAGE OF VILLA PARK
PARK AND RECREATION BOARD
320 EAST WILDWOOD
VILLA PARK · ILLINOIS 60181

ARCHITECT
JAMES FOLLENSBEE & ASSOCIATES, LTD.
ARCHITECTS · PLANNERS · ENGINEERS
311 WEST HUBBARD STREET
CHICAGO · ILLINOIS 60610

PARK AND RECREATION BOARD

JAMES BYWATER
DENNIS SHAFER
JUDITH BARNETT
FRED STEINGRABER
JAMES NICHOLLS

WAYNE LULAY

CHAIRMAN
VICE CHAIRMAN
SECRETARY · TREASURER
BOARD MEMBER
BOARD MEMBER

DIRECTOR

DRAWING INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET DRAWING INDEX CERTIFICATION OWNER'S APPROVAL
A-1	EXISTING AS-BUILT CONDITIONS PLAN - EQUIPMENT RM. PLAN - BASEMENT PLAN - SWIMMING POOL & DECK SECTIONS A, B, & C DOCUMENT REFERENCES GENERAL NOTES
A-2	EXISTING AS-BUILT CONDITIONS ELEVATIONS & DETAILS LIST OF EXISTING EQUIPMENT PHASE I & II WORK DETAILS GENERAL NOTES
A-3	PHASE I & II WORK PLAN - EQUIPMENT RM. PLAN - BASEMENT PLAN - SWIMMING POOL & DECK SECTIONS A, B, & C GENERAL NOTES

PHASING OF WORK

CONTRACT WORK UNDER THIS PROJECT WILL BE PERFORMED IN TWO (2) SEPARATE PHASES - PHASE I & II WORK. (SEE SPECIFICATIONS & PROPOSAL)

WORK UNDER EACH PHASE HAS BEEN IDENTIFIED WHERE APPLICABLE BY THE FOLLOWING PHASE SYMBOLS:

PHASE I WORK ①

PHASE II WORK ②

CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY SUPERVISION AND THAT THEY COMPLY TO THE BEST OF MY KNOWLEDGE AND BELIEF WITH THE APPLICABLE REQUIREMENTS OF THE "MINIMUM SANITARY REQUIREMENTS FOR THE DESIGN AND OPERATION OF SWIMMING POOLS AND BATHING BEACHES, CIRCULAR 4, 102, 1976 EDITION" AS ISSUED BY THE STATE OF ILLINOIS, DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, DIVISION OF SWIMMING POOLS AND RECREATION.

James Follensbee
JAMES FOLLENSBEE AIA
President

JAMES FOLLENSBEE & ASSOCIATES, LTD.
REGISTERED ARCHITECT
NO. 01-5937-ILLINOIS

SEAL

OWNER'S APPROVAL

THE UNDERSIGN HEREIN IDENTIFY AND APPROVE THIS SET OF CONTRACT DOCUMENTS DATED FEBRUARY 15, 1978 FOR RELEASE TO BIDDERS FOR THE RESPECTIVE WORK UNDER PHASES I & II FOR THE ALTERATIONS TO THE LUFKIN POOL FACILITY, VILLA PARK, ILLINOIS

JAMES BYWATER - CHAIRMAN
PARK AND RECREATION BOARD

ATTEST:
JUDITH BARNETT - SECRETARY/TREASURER
PARK AND RECREATION BOARD

FEBRUARY _____, 1978
DATE:

NO.	DATE	REVISION

JFA PROJ. 7720 CD
DATE ISSUED:
FEB. 15. 1978

Title Sheet

james follensbee & associates ltd
architects planners engineers
311 west hubbard street · chicago
illinois 60610 phone 467-4767

Document References

- AS-BUILT CONDITIONS AS DOCUMENTED HEREIN ON SHEETS A-1 & A-2 HAVE BEEN COMPILED BY JFA FROM THE FOLLOWING REFERENCE DOCUMENTS & FIELD INSPECTIONS:
 - POOL, POOL DECK & PIPING - EXISTING CONDITIONS SHEET NO. PR-2 DTD. 11-15-1975 AS PREPARED BY RICHARD O. MITTER & ASSOCIATES, CONSULTING ENGINEERS.
 - POOL ALTERATIONS, DWG. UN-NUMBERED, DTD. 1976 AS PREPARED BY LA FLUER POOL SERVICE, INC.
 - EXISTING POOL ELEVATIONS AS PREPARED FOR THE OWNER BY TESTING SERVICE CORPORATION, DTD. NOVEMBER 7, 1975, PROJECT L-12,971, AS UP-DATED IN OCTOBER, 1977.
 - FIELD MEASUREMENTS OF THE POOL EQUIPMENT ROOMS AS TABULATED BY JFA STAFF ON JANUARY 16, 1977.

General Notes

- AS-BUILT CONDITIONS AS DOCUMENTED BY JFA FROM THE ABOVE REFERENCE DOCUMENTS AND FIELD MEASUREMENTS ARE DEEMED TO REPRESENT THE EXISTING FIELD CONDITIONS AT THE LUFKIN POOL FACILITY. EACH CONTRACTOR IS HOWEVER HEREBY CAUTIONED TO INVESTIGATE THE EXISTING CONDITIONS AND TAKE SUCH MEASUREMENTS AS HE DEEMS NECESSARY TO ASCERTAIN THE CORRECTNESS AND COMPLETENESS OF THE AS-BUILT DOCUMENTS.
- EXISTING MECHANICAL EQUIPMENT HAS BEEN TABULATED IN SO FAR AS POSSIBLE UTILIZING EXISTING DOCUMENTS AND BY MEANS OF FIELD INSPECTION. EACH CONTRACTOR IS HEREBY CAUTIONED TO VERIFY SUCH CONDITIONS AS THEY MAY PERTAIN TO HIS SCOPE OF WORK.
- NEITHER THE OWNER NOR THE ARCHITECT HEREBY CERTIFIES THAT THE AS-BUILT DOCUMENTS REPRESENT THE TOTAL CONDITIONS WHICH MAY BE ENCOUNTERED IN THE COURSE OF THE WORK. BIDDERS ARE CAUTIONED THAT CONDITIONS, ESPECIALLY THOSE COVERED BY EXISTING WORK, MAY VARY FROM THE CONDITIONS AS DOCUMENTED AND AS SUCH, ALL BIDDERS ARE HEREBY ADVISED TO VERIFY ALL DIMENSIONS AND FIELD CONDITIONS WHICH MAY AFFECT THEIR WORK ON THIS PROJECT.

ALTERATIONS TO THE LUFKIN POOL FACILITY
 ARDMORE AVENUE NEAR JACKSON STREET
 VILLA PARK, ILLINOIS 60181

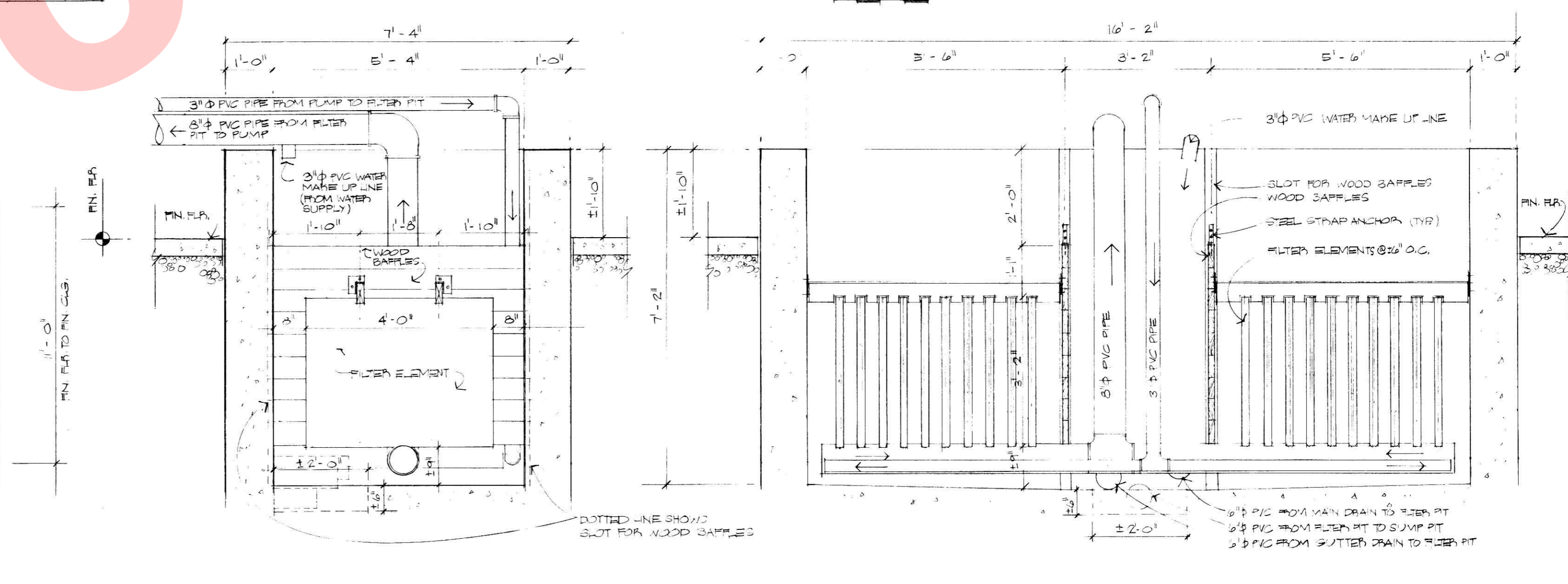
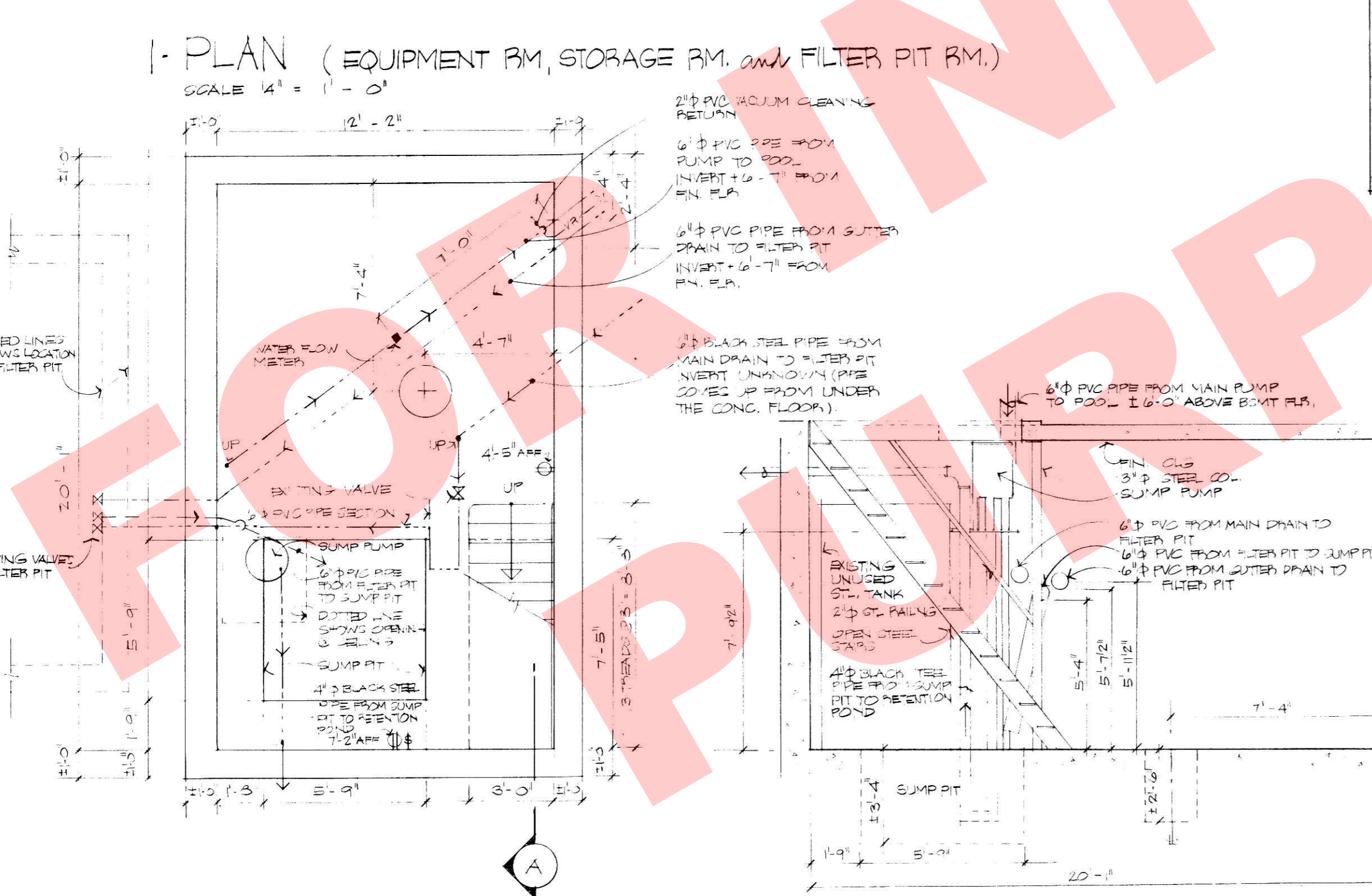
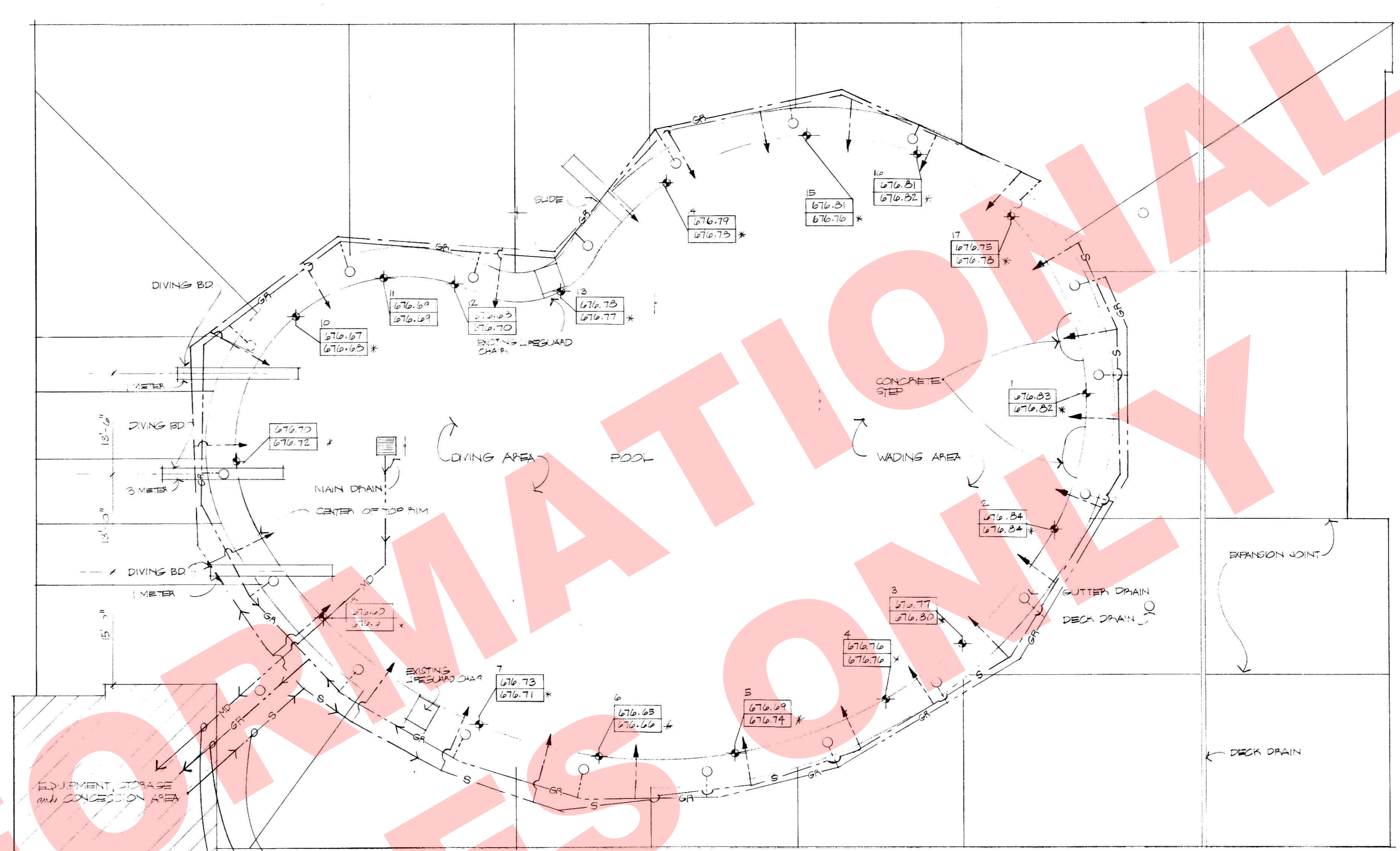
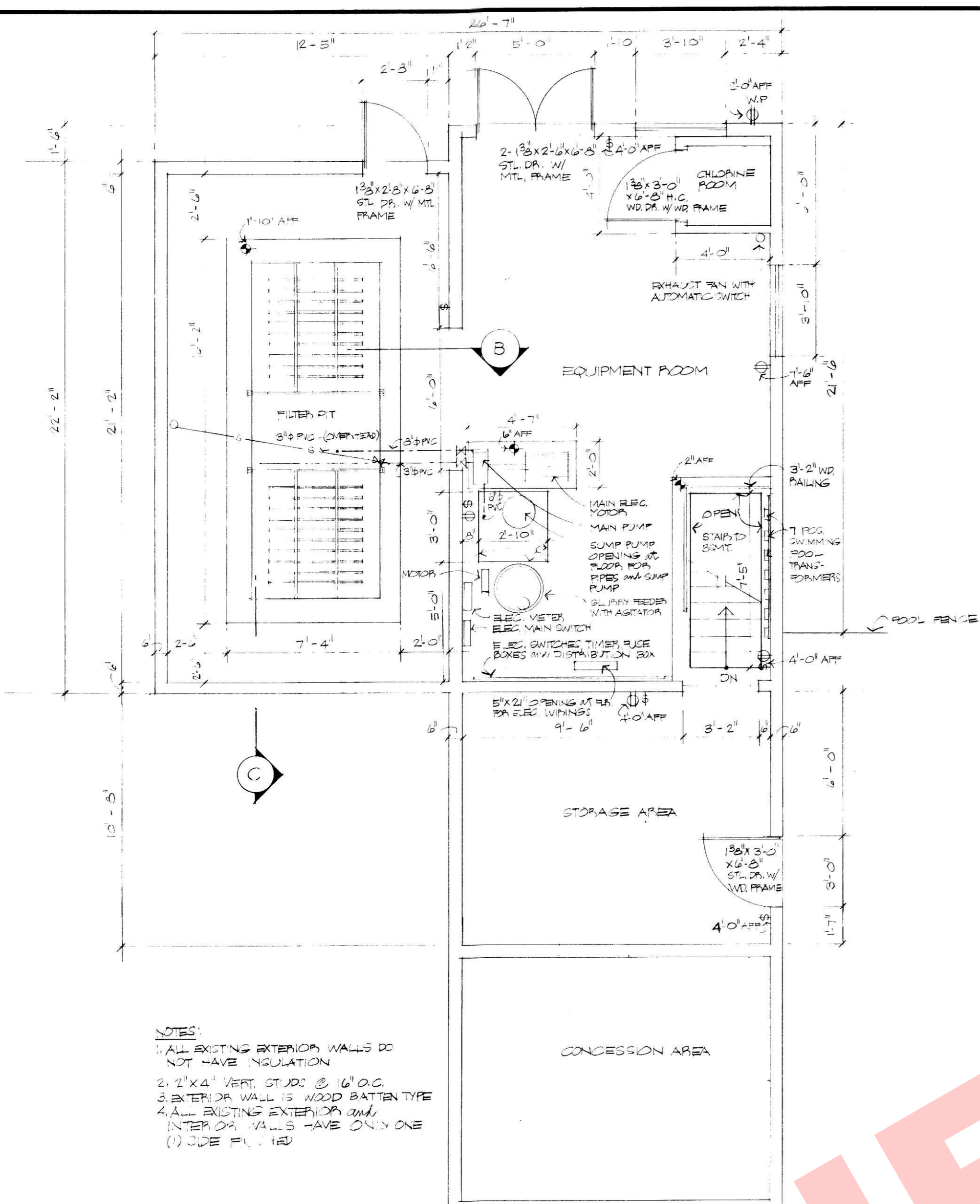
FOR
 THE VILLAGE OF VILLA PARK
 PARK AND RECREATION BOARD

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no.	date	revision	project number	drawing date	drawing by	checked by	approved for:	architect	owner	binding order

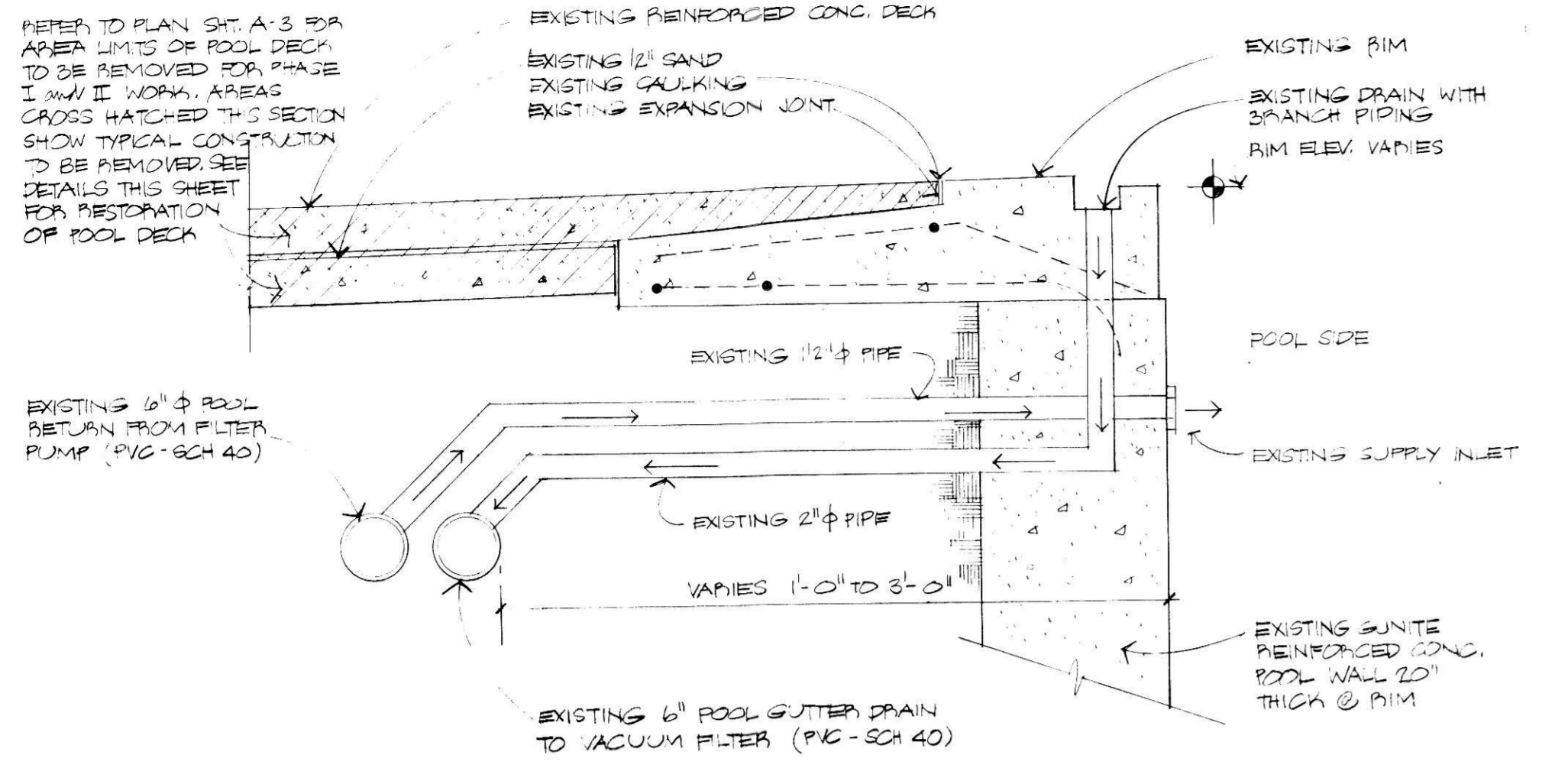
EXISTING AS-BUILT CONDITIONS **A-1**

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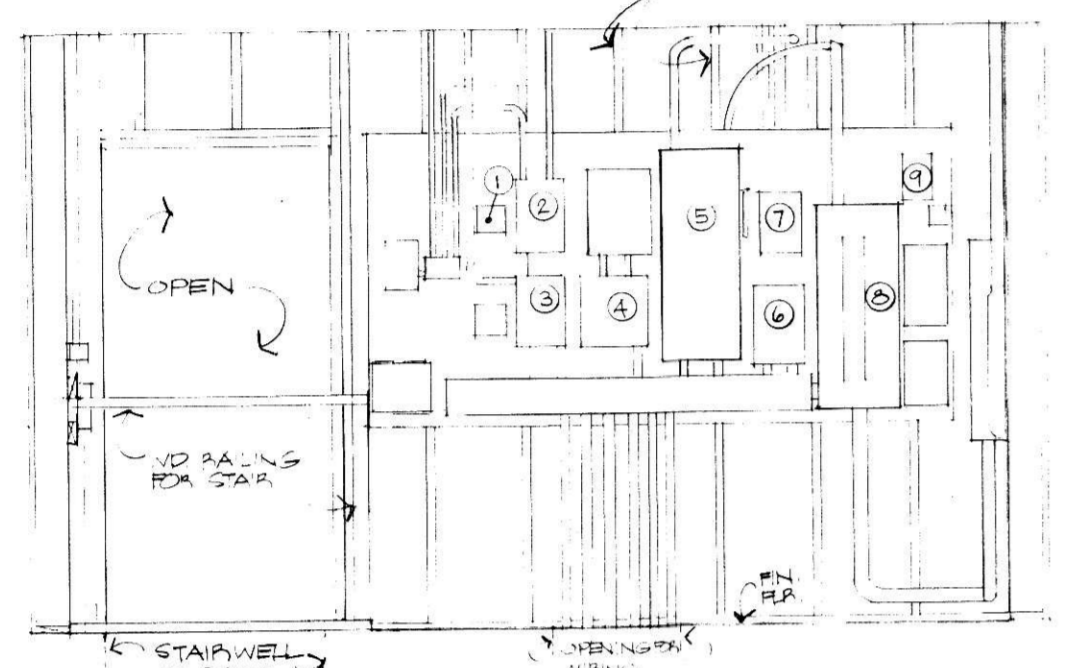
EXISTING AS-BUILT CONDITIONS · SEE SHEETS A-2 & A-3 FOR PHASE I & II WORK
 (See General Notes This Sheet)

NOTE: PLANS and SECTIONS THIS SHEET SHOW EXISTING CONDITIONS. SEE SHT. A-3 FOR NEW WORK UNDER PHASE I and II



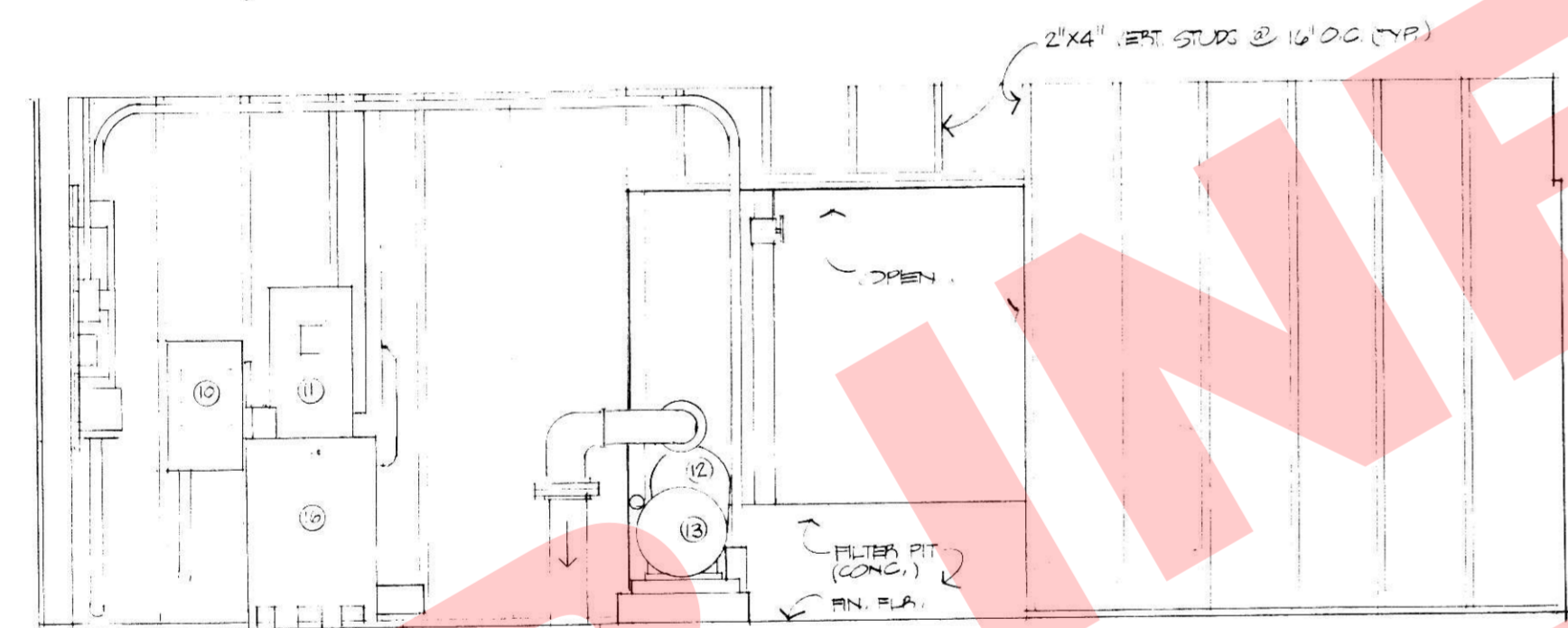
1- DETAIL (TYPICAL GUTTER and PIPING DETAIL)

SCALE: N.T.S.



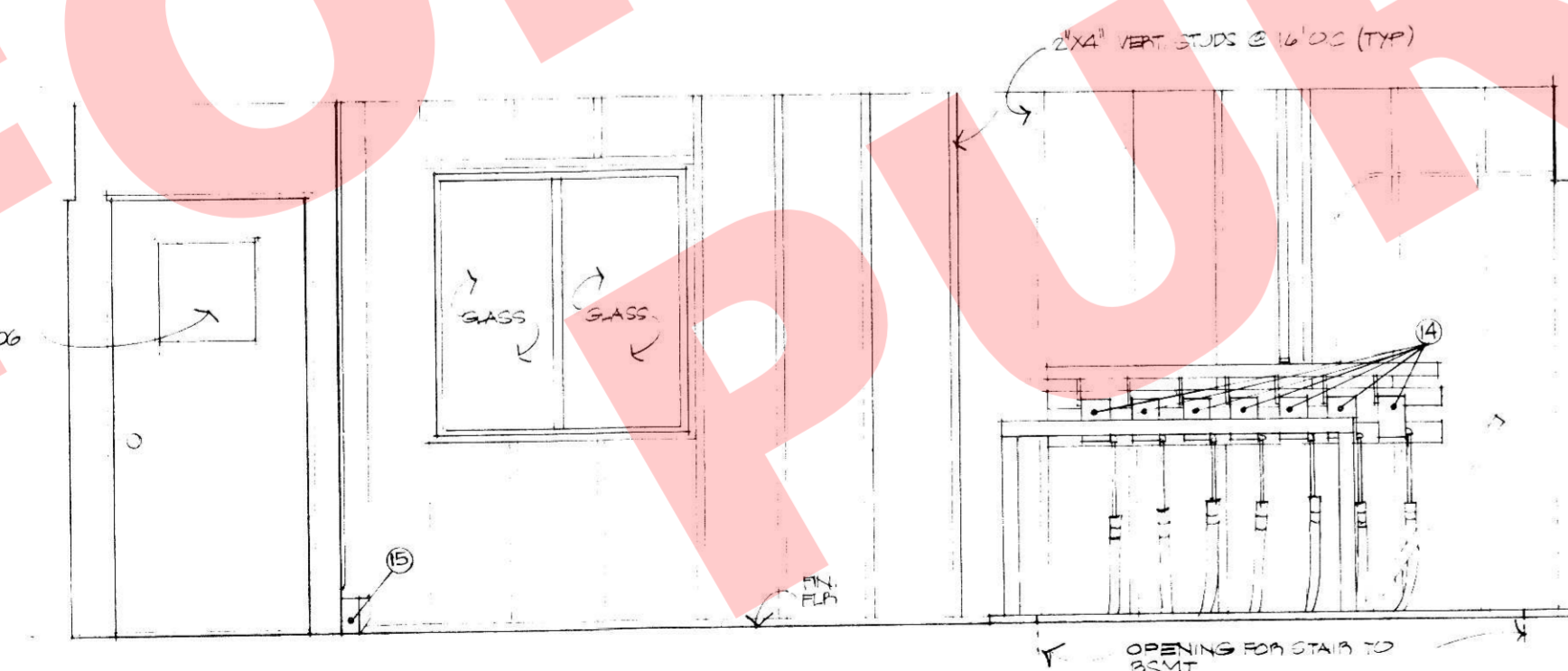
2- ELEVATION (SOUTH WALL OF EQUIPMENT RM.)

SCALE 3/8" = 1' - 0"



3- ELEVATION (WEST WALL OF EQUIPMENT RM.)

SCALE 3/8" = 1' - 0"



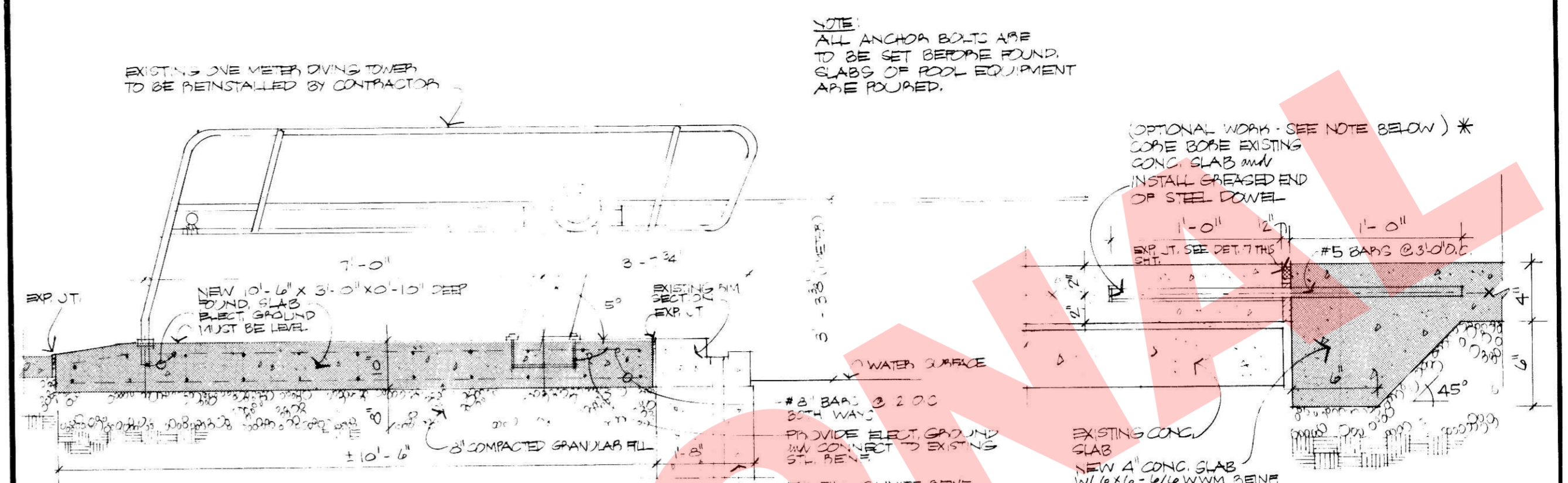
4- ELEVATION (EAST WALL OF EQUIPMENT RM.)

SCALE 3/8" = 1' - 0"

EXISTING AS-BUILT CONDITIONS
(See General Notes Sht. A-1)

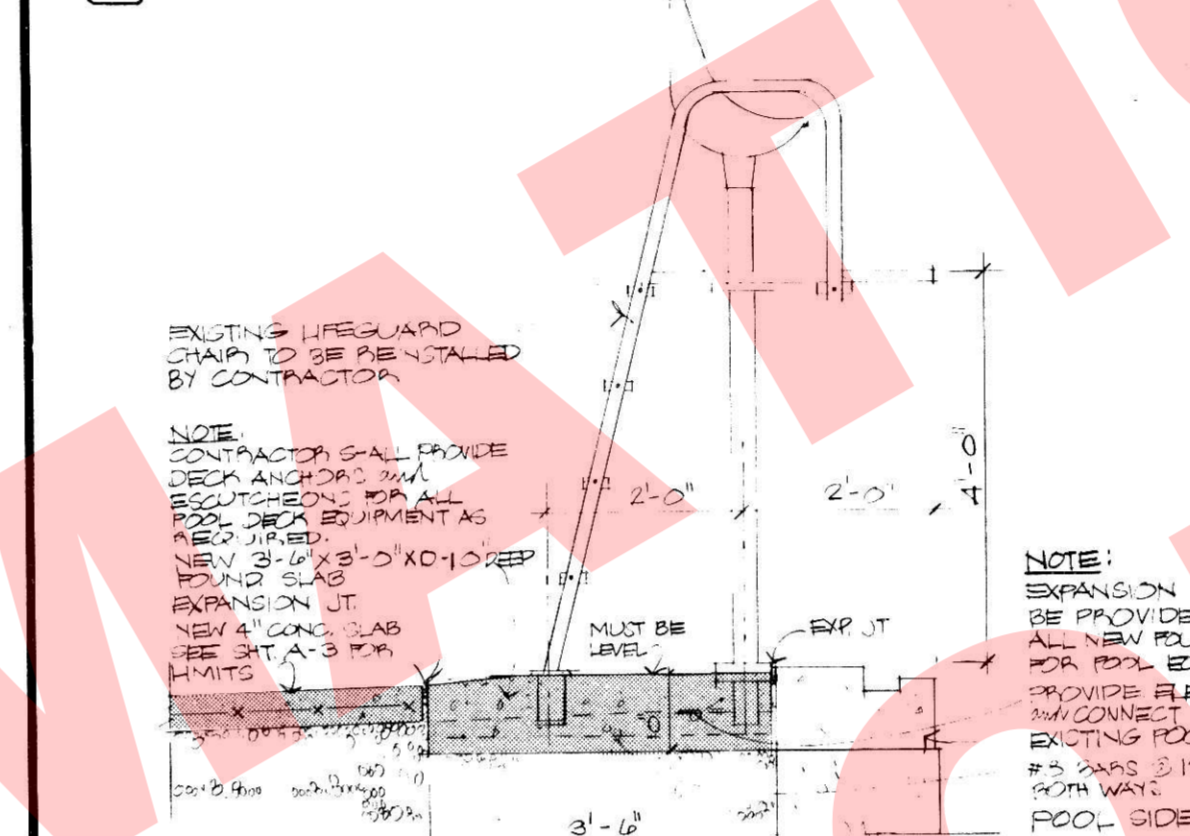
List of Existing Equipment

1. MAIN SWITCH
WADSWORTH CAT. NO. 032323
AMPS: 200 VOLTS: 240 AC
POLES: 3 H.P.: 25 - 30
BY THE WADSWORTH ELECTRIC MFG. CO., INC.
COVINGTON, KENTUCKY U.S.A.
2. MAIN MOTOR FOR THE RECIRCULATING PUMP
UNICLOSED MOTOR
U.S. ELECTRICAL MOTORS (MILFORD, CONN.)
H.P.: 20 FRAME: 256T
PH: 3 TYPE: A
INSUL. CLASS - B
HZ: 60
VOLTS: 230 AMPS: 54
460 27
CONT. RATING: 40°C AMB.
LOWER OR SHAFT END BRG. 6309-2Z-J/C3 RPM: 1750
UPPER OR OPP. END BRG. 6207-2Z-J/C3 SF: 1.15
DESIGN B CODE C ID # B-8591-00-464
3. RECIRCULATING PUMP
ITT MARLOW PUMP
MODEL NO. 425 EL-5 B
SERIAL NO. 556847
SPEC. NO. 06219-00 IMP. DIA. 27223
BY ITT FLUID HANDLING DIV.
MIDLAND PARK, N.J.
LONGVIEW, TEXAS
4. BOOSTER PUMP
STA-RITE
MOTOR MOD. C48K2P102 SER: E75
VOLTS: 115/230 H.P.: 3/4
AMPS: 13.6/6.8 PH: 1, CODE M
RPM: 3450 HZ: 60
MAX. LOAD AMPS: 15.4/7.7
INSUL. CLASS B AMB: 40°C
TYPE VAC
BY A.O. SMITH CORP.
5. SUMP PUMP MOTOR
POLYPHASE INDUCTION MOTOR
H.P.: 7.5 RPM: 1160 CYCLES 60
VOLTS: 220 AMPS: 20-4 PHASE 3
440 10-2 CODE G
DESIGN B
TYPE NV TEMP. RISE 40 CONT.
FRAME A32A SERIAL NO. 138-10-P
BY HOWELL ELECTRIC MOTOR CO.
HOWELL, MICHIGAN
6. RUCKER SAFETY SENTRY
GROUND FAULT CIRCUIT INTERRUPTER
MODEL E 105-70-A1
VOLTS 120/240 60 CPS.
AMPS 70
7. TIMER SWITCH
MODEL T103
DOUBLE ROLE SINGLE THROW
40 AMPS 4375 WATTS TUNGSTEN (INCANDESCENT)
1 H.P. 460 VA PILOT DUTY 125 V AC
CLOCK MOTOR RATING
125 VOLTS, 60 CYCLES
BY INTERNATIONAL REGISTER CO.
2624 W. WASHINGTON BLVD.
CHICAGO, ILLINOIS
8. KITCHEN DISTRIBUTION MAIN
CAT. NO. 72 SURFACE MOUNTED
60 AMP.
125-250 VOLTS
BY MURRAY MANUFACTURING CORP.
BROOKLYN 16, N.Y.
9. SWIMMING POOL TRANSFORMER (WEATHERPROOF TYPE)
CAT. NO. 969-001-939
INPUT 120 VOLTS 60 HERTZ - 300 VA
OUTPUT 12/13/14 VOLTS 25 AMPS/MAX.
BY JEFFERSON ELECTRIC
DIVISION OF LITTON INDUSTRIES
BELLWOOD, ILLINOIS 60104
10. TIMER
MODEL T101
40 AMPS 35 AMPS
TUNGSTEN 690 VA PILOT DUTY
2 H.P. 24 FLA 144 LRA 125 V AC
CLOCK MOTOR
125V 60 HZ
BY INTERMATIC CORP.
SPRING GROVE, ILLINOIS 60081
11. MAIN DISTRIBUTION BOX
CIRCULATING PUMP 100 A
ADMINISTRATION BLDG. 100 A
SUMP PUMP 50 A
12.
CAT. NO. LC008D5
100 AMP MAX. 120-240 V AC
BY MURRAY MANUFACTURING CORP.
BROOKLYN 16, N.Y.
13. BATTERY
SPL - 24C
AMP. HRS. 40
ART. NO. 61-16364



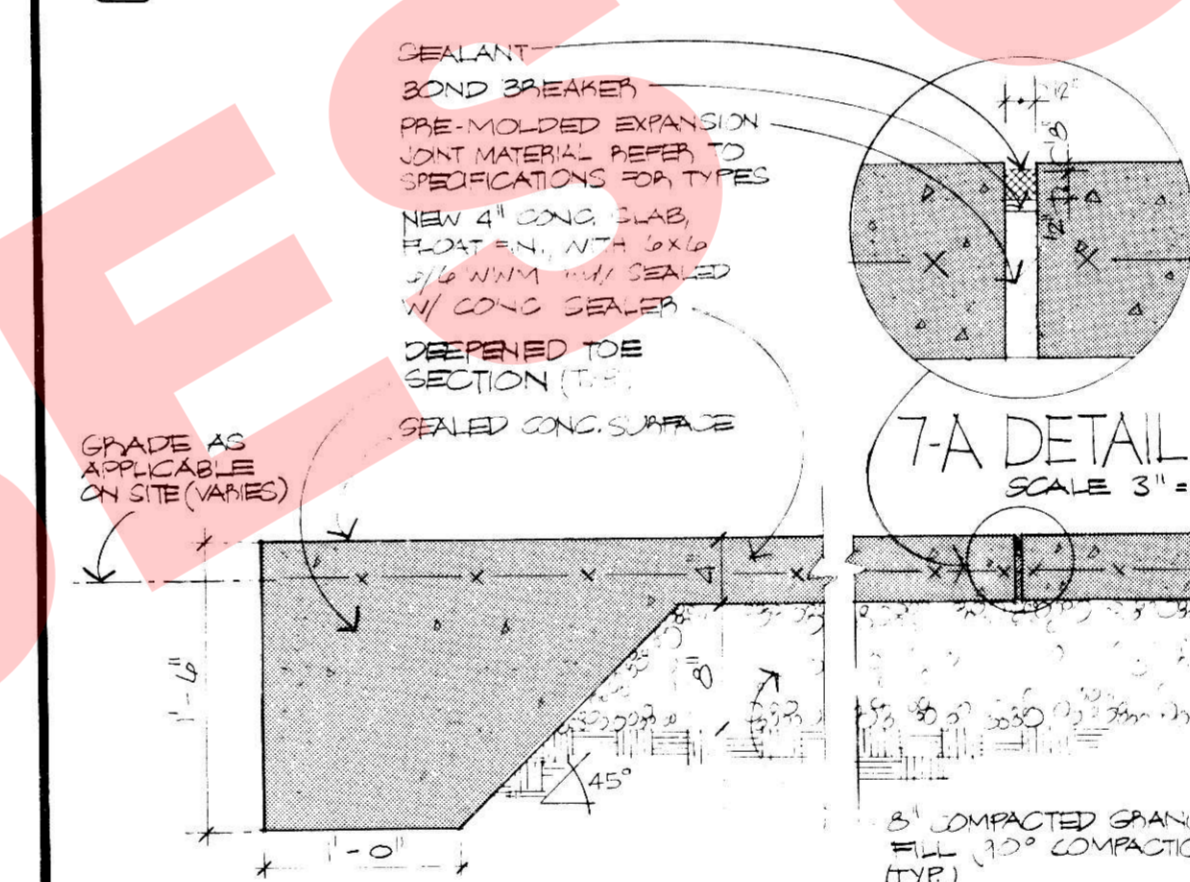
5- DETAIL (ONE METER DIVING TOWER INSTALLATION)

SCALE 1/2" = 1' - 0"



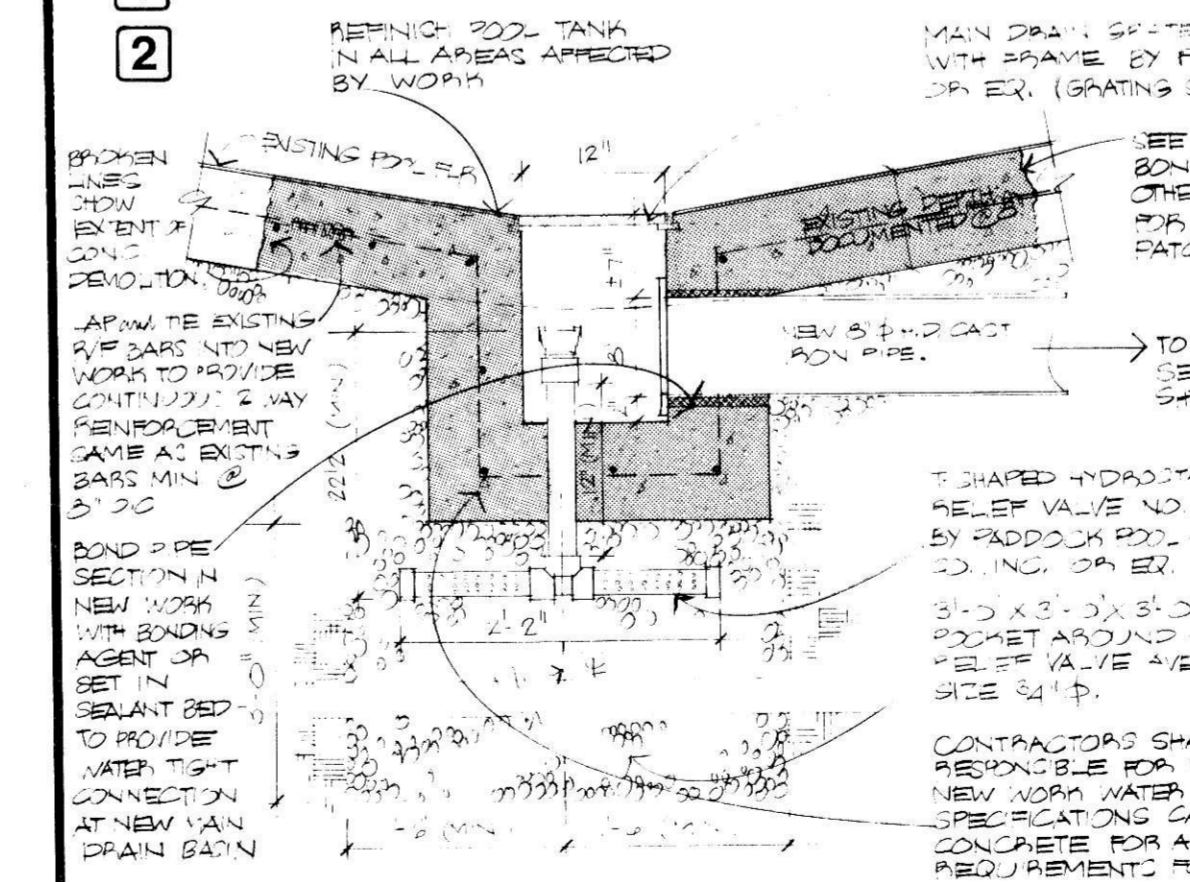
6- DETAIL (LIFEGUARD CHAIR TYPICAL INSTALLATION)

SCALE 1/2" = 1' - 0"



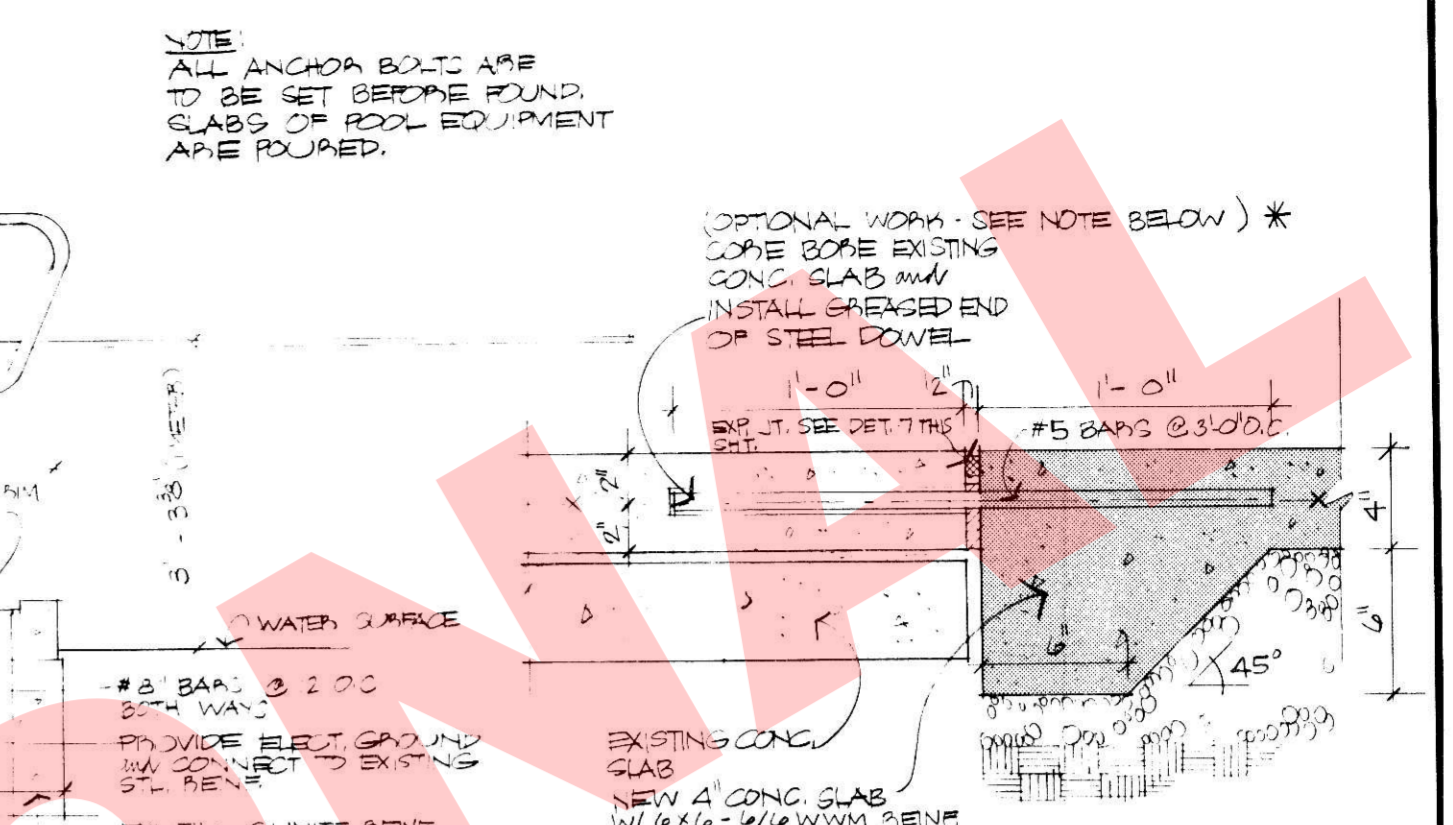
7- DETAIL (TYPICAL EXPANSION JOINT DETAIL OF NEW CONG. SLAB)

SCALE 1" = 1' - 0"



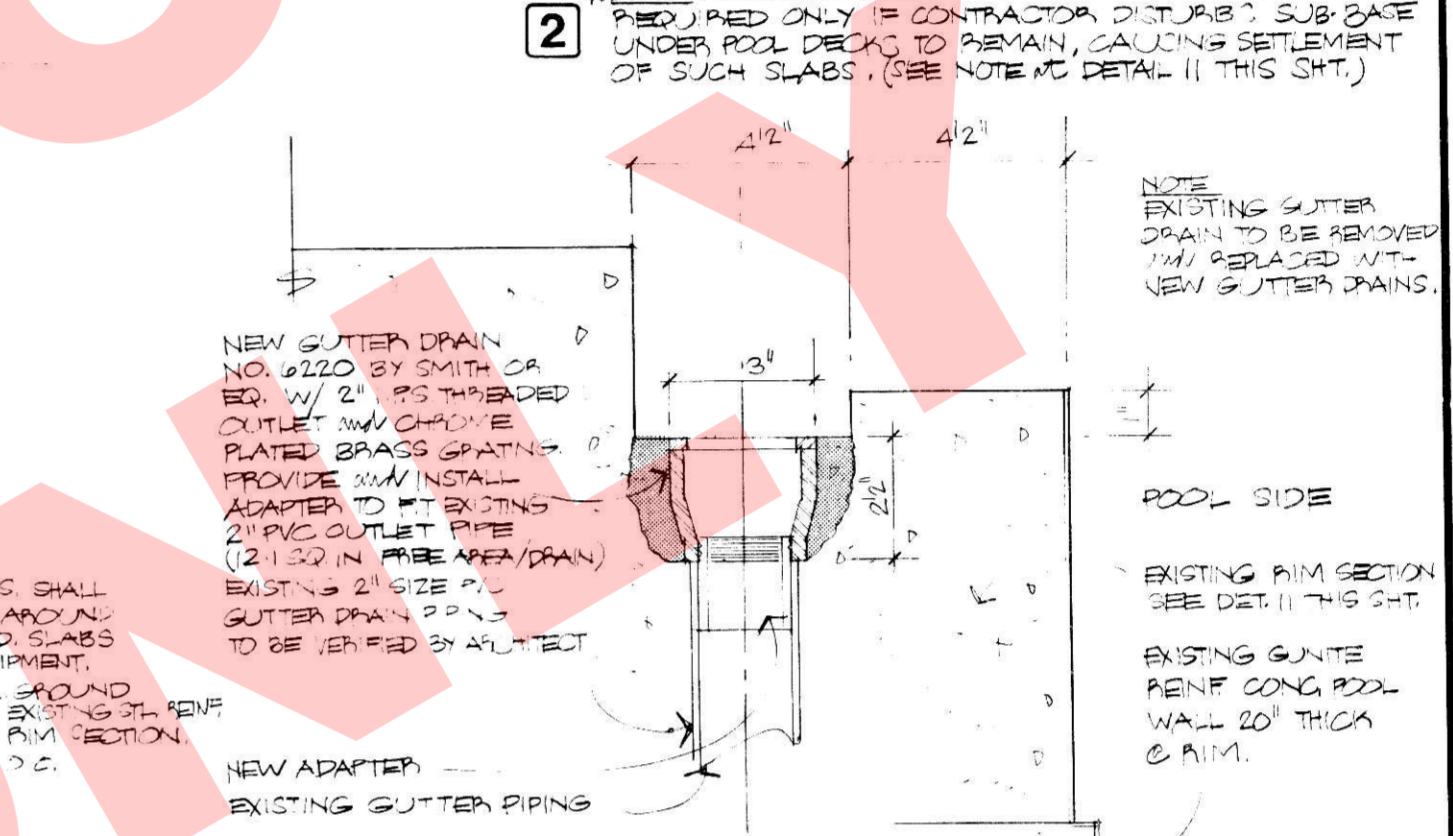
8- DETAIL (NEW MAIN DRAIN AND HYDROSTATIC RELIEF VALVE)

SCALE 3/4" = 1' - 0"



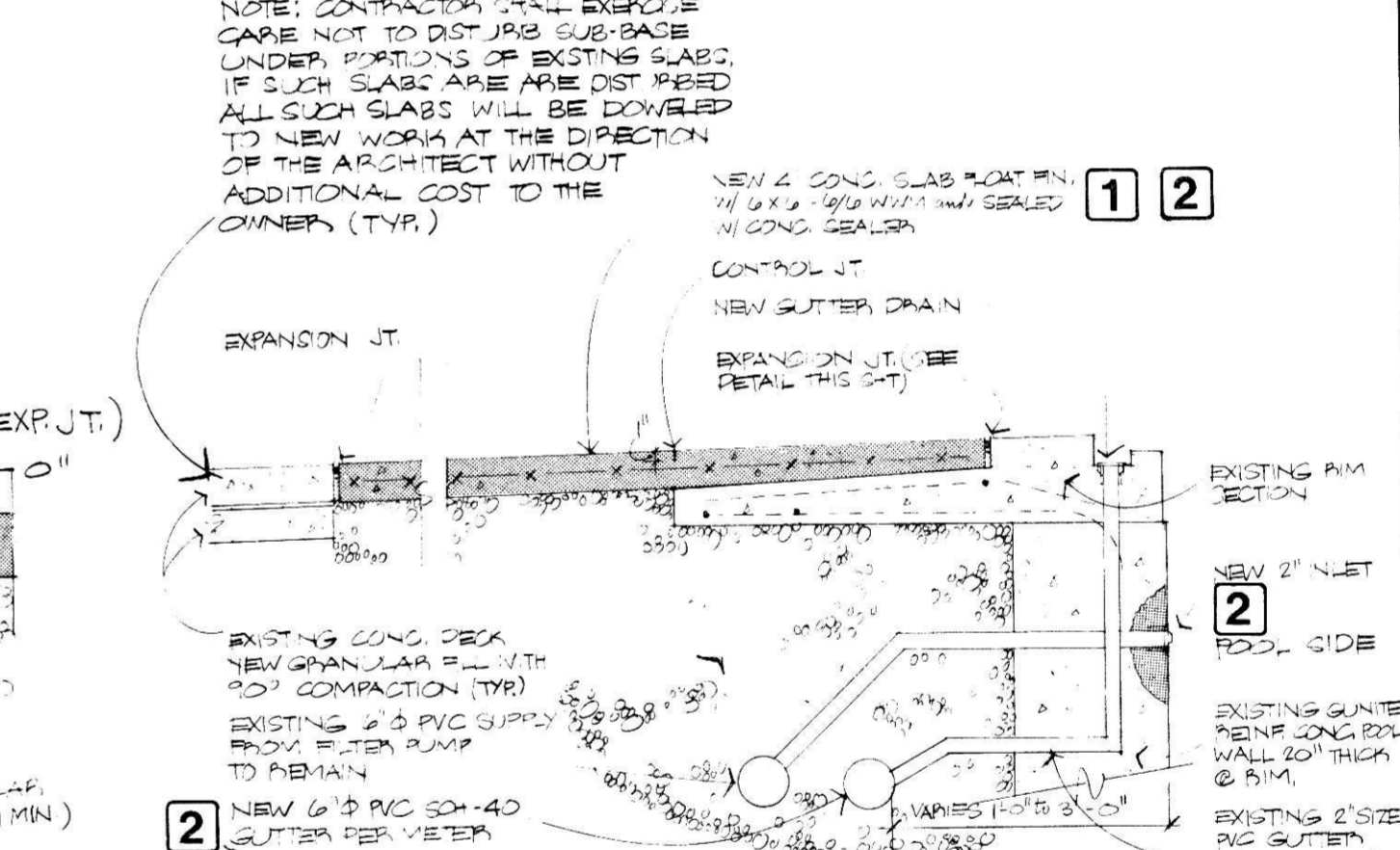
9- DETAIL (TYPICAL JOINT DETAIL OF EXISTING AND NEW CONG. SLAB)

SCALE 1/2" = 1' - 0"



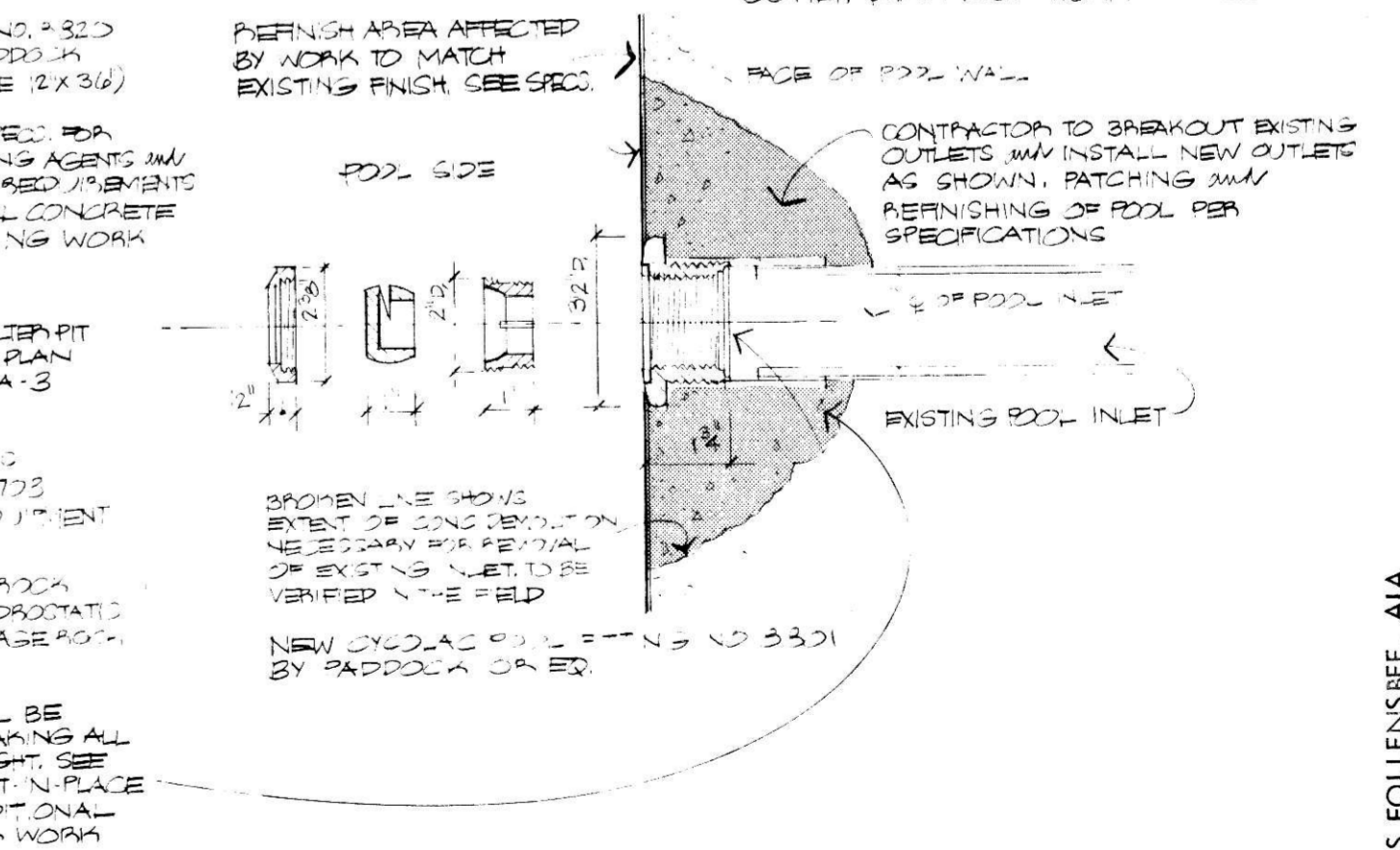
10- DETAIL (TYPICAL GUTTER DRAIN)

SCALE 3/4" = 1' - 0"



11- DETAIL (REVISED TYP. POOL CURB)

SCALE 1/2" = 1' - 0"



12- DETAIL (POOL FITTING)

SCALE 3/4" = 1' - 0"

PHASE I AND II WORK - DETAILS
(See Sheet 1 For Phasing Of Work Legend Applicable To Above Details)

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no.	date	revision	project number

drawing date
checked by
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binding order

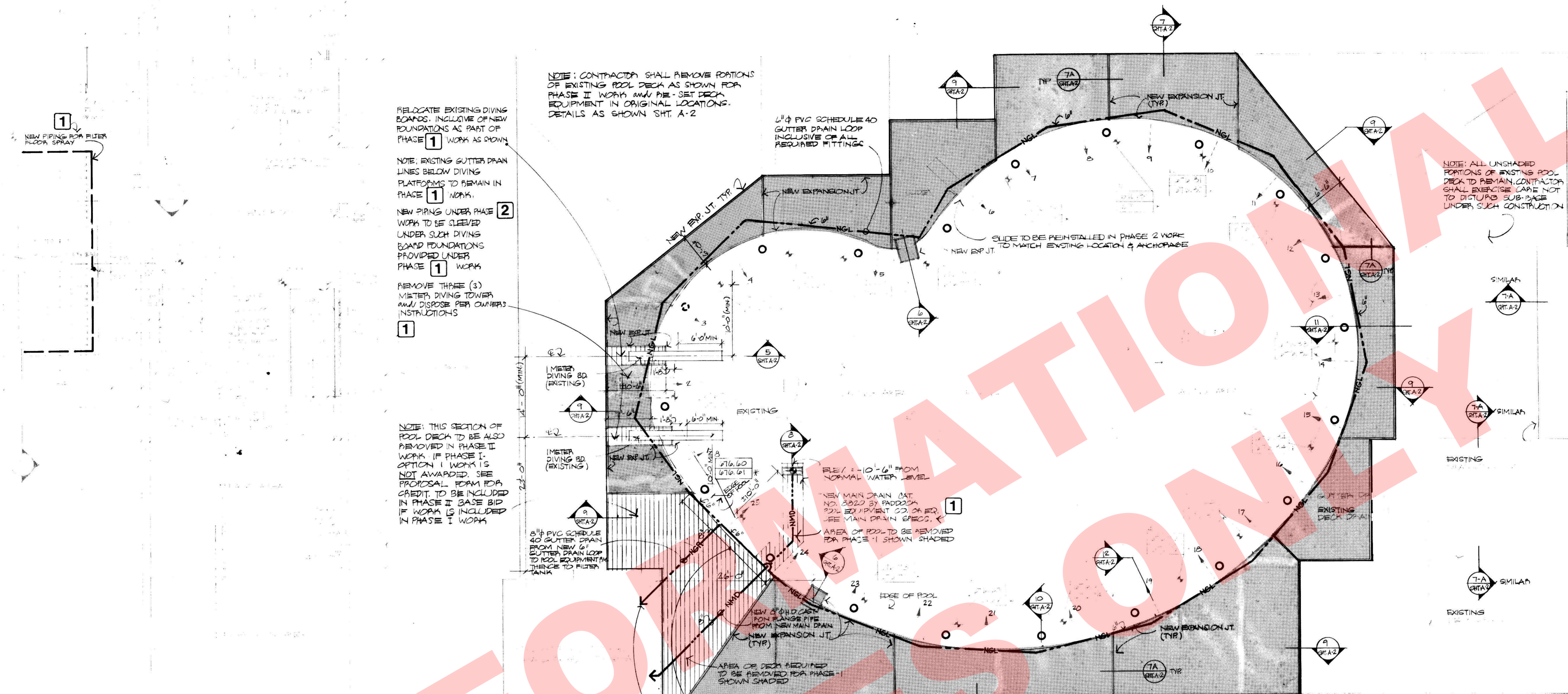
EXISTING AS-BUILT
CONDITIONS - EXISTING
EQUIPMENT LIST
PHASE I & II DETAILS

A - 2

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General Notes

1. NEW POOL DECK SLABS - CONTRACTOR SHALL ESTABLISH NEW DECK ELEVATIONS FLUSH TO TOP OF RIM AT PERIMETER OF POOL TANK & SLOPE ALL NEW WORK AWAY FROM RIM TO MATCH ELEVATIONS AT EXISTING POOL DECK AREAS TO REMAIN. WHEREVER POSSIBLE CONTRACTOR SHALL SLOPE NEW CONCRETE DECKS AT 2" IN 10 FT AWAY FROM POOL.
2. EXISTING EXPANSION JOINTS - ALL EXISTING EXPANSION JOINTS SHALL BE SEALED UNDER PHASE II WORK AS DETAILED. EXISTING JOINTS ARE APPROXIMATE & SHOULD BE VERIFIED BY ALL BIDDERS.
3. EXISTING FENCE REMOVAL - A PORTION OF THE EXISTING FENCE MAY BE REMOVED FOR THE WORK WITH THE OWNER'S WRITTEN CONSENT. SUCH FENCING IS TO BE RESTORED AT THE COMPLETION OF THE WORK.
4. EXISTING FENCE - SAFETY - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO ASSURE THAT A COMPLETE PERIMETER FENCING OR OTHER PERIMETER SAFETY DEVICES ACCEPTABLE TO THE OWNER BE MAINTAINED 24 HOURS PER DAY FROM START TO COMPLETION OF WORK TO PROTECT THE PUBLIC FROM ACCESS TO THE POOL & WORK IN PROGRESS.
5. RESTORATION - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO RESTORE ALL EXISTING CONSTRUCTION DAMAGED IN WHOLE OR PART DURING THE COURSE OF THE WORK. ALL SUCH RESTORATION SHALL BE TO THE REASONABLE SATISFACTION OF THE OWNER.
6. POOL SUPPLY PIPING - EXISTING PIPING AS SHOWN ON SHEET A-1 REPRESENTS THE APPROXIMATE LOCATION OF SUCH IMPROVEMENTS ONLY. THE CONTRACTOR SHALL EXERCISE ALL DUE CARE NOT TO DISTURB THE EXISTING POOL SUPPLY PIPING SYSTEM DURING THE PERFORMANCE OF PHASE I & II WORK & SHALL BE RESPONSIBLE FOR THE COMPLETE RESTORATION OF ANY PORTIONS OF SUCH SUPPLY SYSTEM DISTURBED BY HIS WORK.



NOTE: CONTRACTOR SHALL REMOVE PORTIONS OF EXISTING POOL DECK AS SHOWN FOR PHASE II WORK AND RE-SET DECK EQUIPMENT IN ORIGINAL LOCATIONS. DETAILS AS SHOWN SHT. A-2

RELOCATE EXISTING DIVING BOARDS. INCLUDE OR NEW FOUNDATIONS AS PART OF PHASE I WORK AS SHOWN

NOTE: EXISTING GUTTER DRAIN LINES BELOW DIVING PLATFORMS TO REMAIN IN PHASE I WORK.

NEW PIPING UNDER PHASE II WORK TO BE SLEEVED UNDER SUCH DIVING BOARD FOUNDATIONS PROVIDED UNDER PHASE I WORK

REMOVE THREE (3) METER DIVING TOWER AND DISPOSE PER OWNER'S INSTRUCTIONS

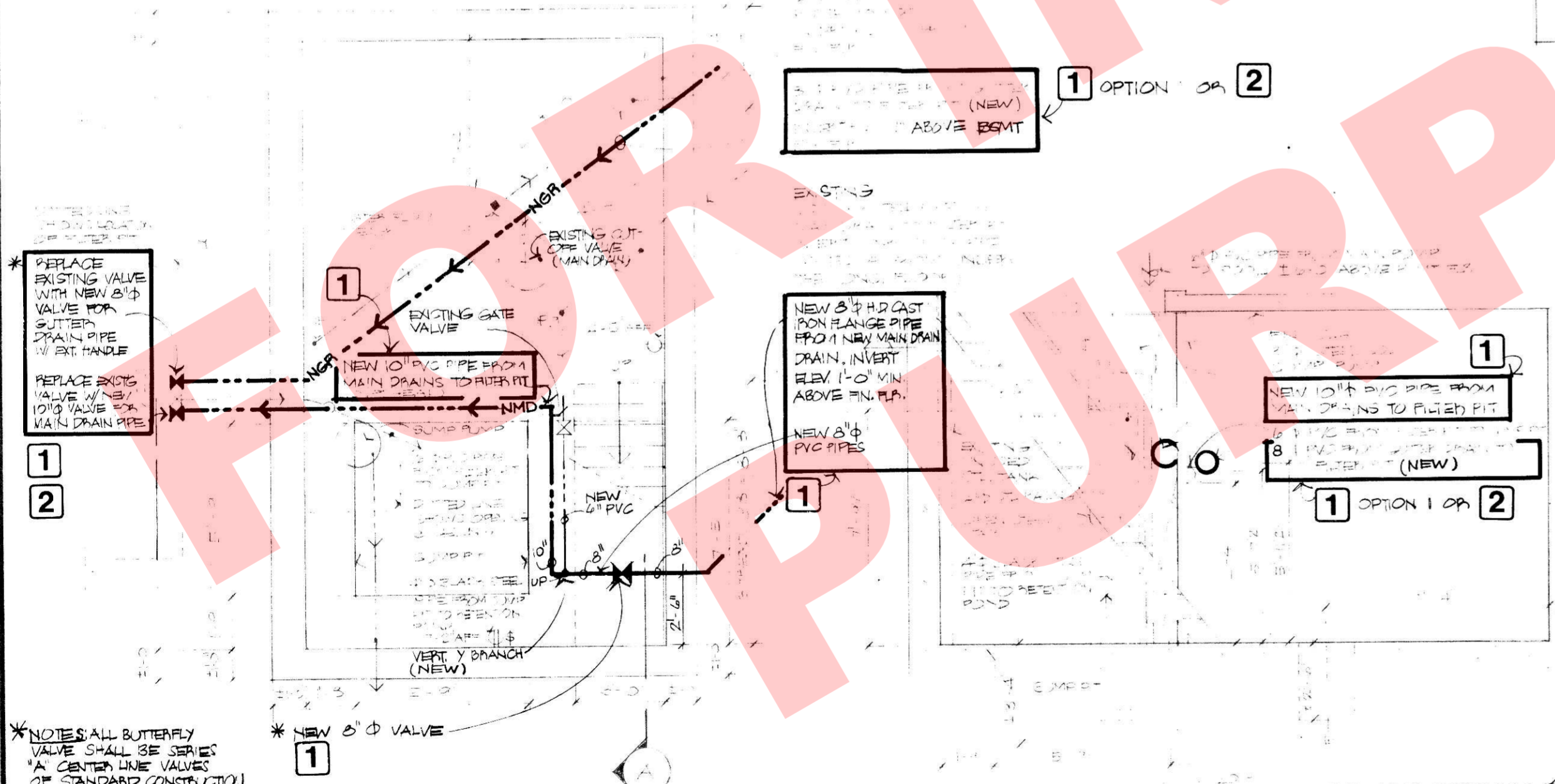
NOTE: THIS SECTION OF POOL DECK TO BE ALSO REMOVED IN PHASE II WORK. IF PHASE I OPTION 1 WORK IS NOT AWARDED, SEE PROPOSAL FROM FOR CREDIT TO BE INCLUDED IN PHASE II BASE BID. IF WORK IS INCLUDED IN PHASE I WORK

PHASE I - OPTION 1 SECTION OF NEW GUTTER LOOP CONNECT TO EXISTING GUTTER LOOP PIPING SYSTEM. 6" PVC SCHEDULE 40 PIPE AND REQUIRE FITTINGS. THIS WORK TO BE PART OF PHASE II GUTTER LOOP WORK ONLY IF THIS PHASE I OPTION 1 WORK NOT AWARDED BY OWNER

8" PVC SCHEDULE 40 NEW GUTTER DRAW LINE. CONNECT TO NEW PORTION OF 6" GUTTER LOOP. PART OF PHASE I - OPTION 1

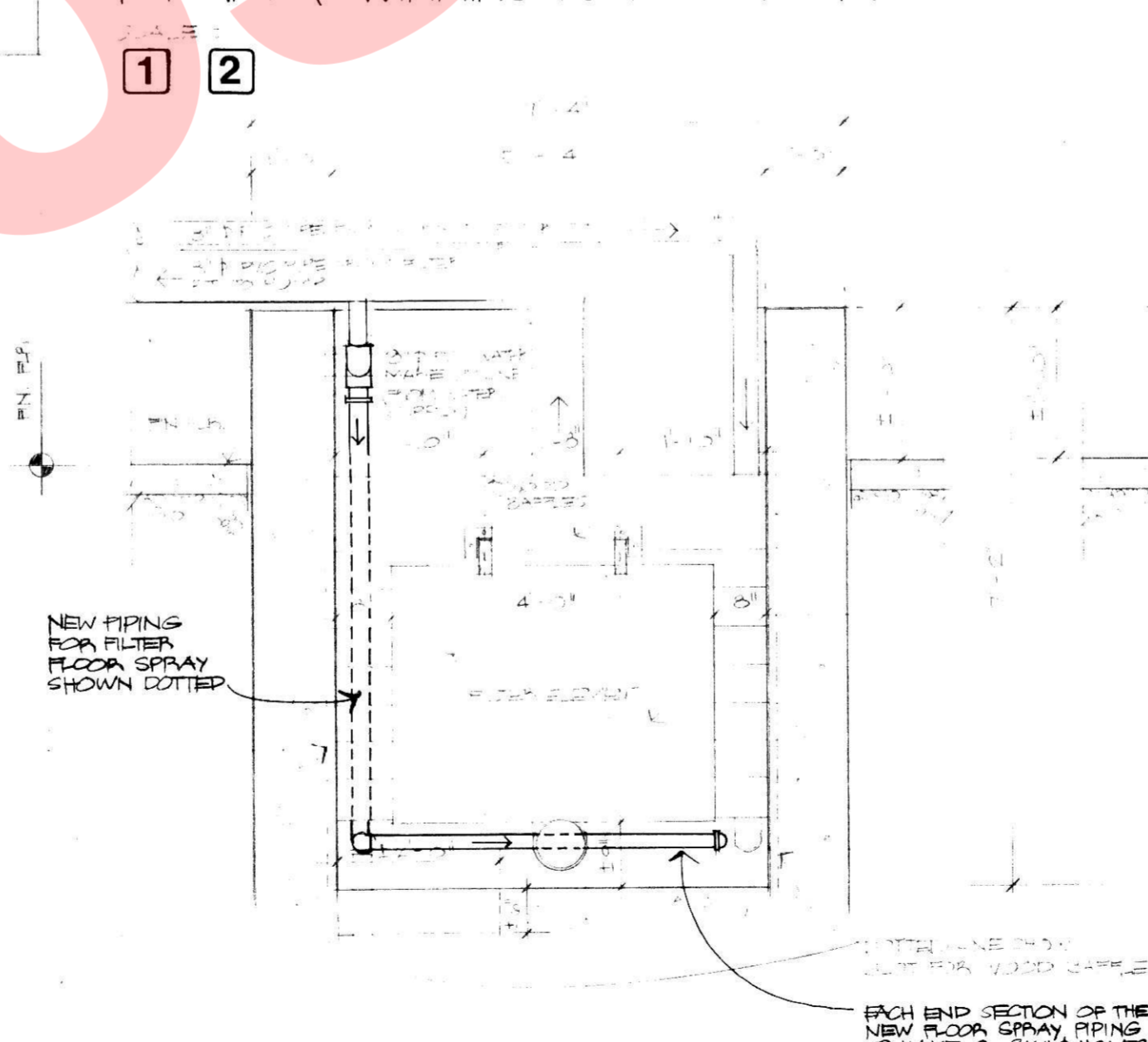
PLAN (SWIMMING POOL and DECK)

PLAN (EQUIPMENT RM., STORAGE RM. and FILTER PIT RM.)

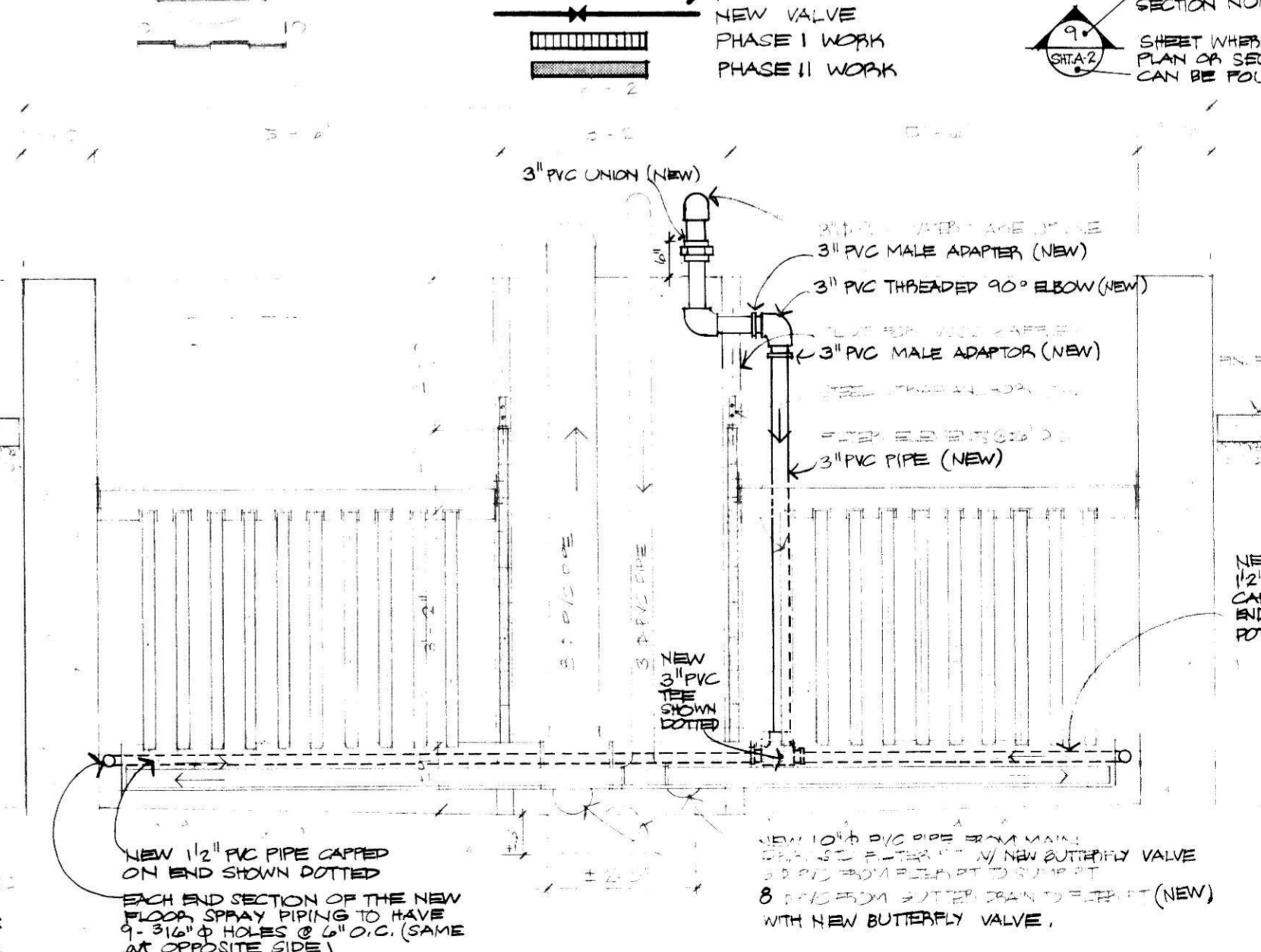


PLAN (BASEMENT)

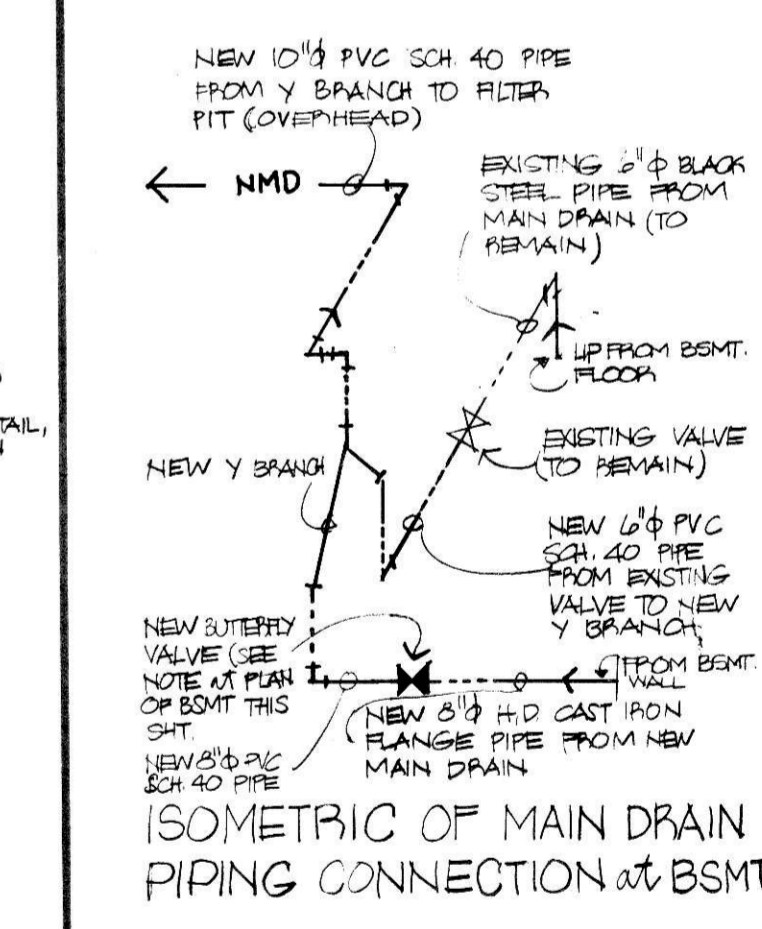
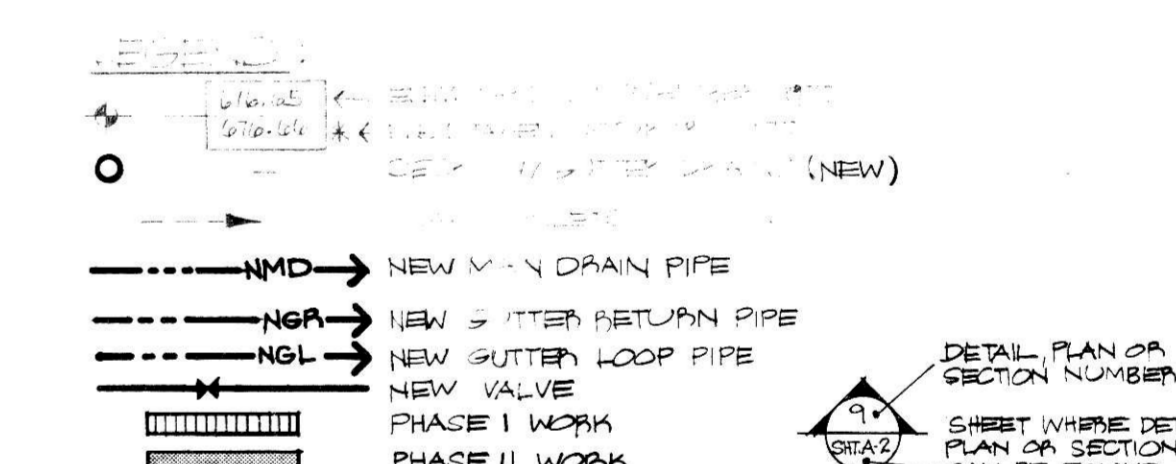
SECTION - A (BASEMENT)



SECTION - B (FILTER PIT)



SECTION - C (FILTER PIT NEW FLUSHING SYSTEM)



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			checked by	JF
			approved for:	
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			owner	
			binding order	414

PHASE I & II WORK
PLANS · SECTIONS
& GENERAL NOTES

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