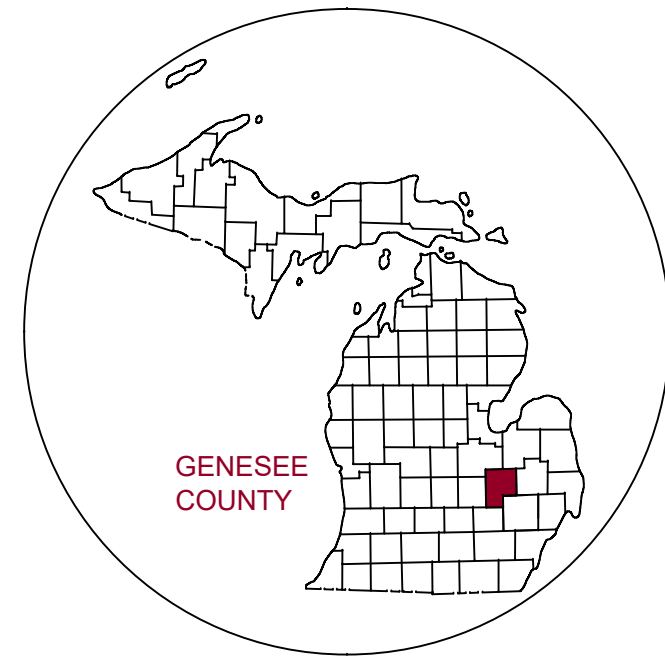




KEY TO COUNTIES

CITY OF FLINT DEPARTMENT OF PUBLIC WORKS RESERVIOR REHABILITATION CEDAR STREET

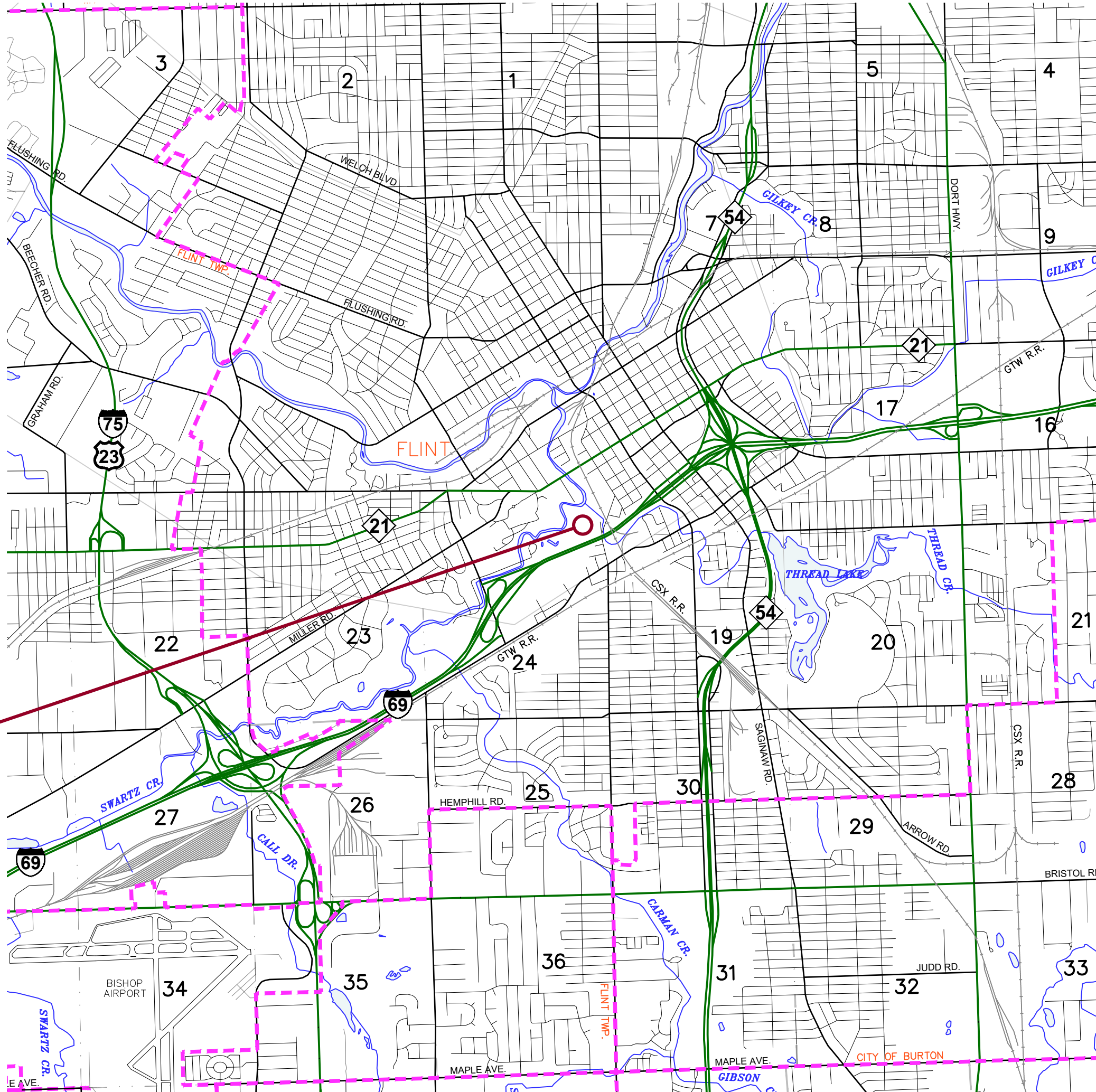
Project Location:

City of Flint
Section 32 of T8N, R6E,
Geographic Township of Genesee
Genesee County, Michigan 48505

SHEET INDEX

SHEET	DESCRIPTION
CS	Title Sheet
G-001	General Notes
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V-101	Existing Conditions (Reservior 1)
V-102	Existing Conditions (Reservior 2)
V-103	Existing Conditions Photographs
CD-101	Demolition Plan (Reservior 1)
CD-102	Demolition Plan (Reservior 2)
C-201	Proposed Plan (Reservior 1)
C-202	Proposed Plan (Reservior 2)
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IC-001	Instrumentation & Control Diagrams
C-301	Detail Sheet
S-101	North Reservior Rehabilitation
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S-103	Rehabilitation Details

PROJECT
LOCATION



LOCATION MAP

SCALE : 1" = 3,000'

GENERAL NOTES

THE CONTRACTOR SHALL CALL "MISS DIG" (1-800-482-7171) THREE WORKING DAYS, EXCEPT SATURDAY, SUNDAY, AND HOLIDAYS PRIOR TO COMMENCEMENT OF ANY WORK.

ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM ACTUAL MEASUREMENTS AND AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETED TO BE THE EXACT LOCATION NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THE AREA.

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE CITY OF FLINT CODE OF ORDINANCES.



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

CITY OF FLINT OFFICIALS

SHELDON NEELEY
ERIC MAYS
LADEL LEWIS
QUENCY MURPHY
JUDY PRIESTLY
JERRI WINFREY-CARTER
TONYA BURNS
ALLIE HERKENRODER
DENNIS PFEIFFER
EVA WORTHING

MAYOR
CITY COUNCIL 1ST WARD
CITY COUNCIL 2ND WARD
CITY COUNCIL 3RD WARD
CITY COUNCIL 4TH WARD
CITY COUNCIL 5TH WARD
CITY COUNCIL 6TH WARD
CITY COUNCIL 7TH WARD
CITY COUNCIL 8TH WARD
CITY COUNCIL 9TH WARD

CLYDE D. EDWARDS

CITY OF FLINT ADMINISTRATOR

APPROVED BY THE CITY OF FLINT

CITY OF FLINT ADMINISTRATOR

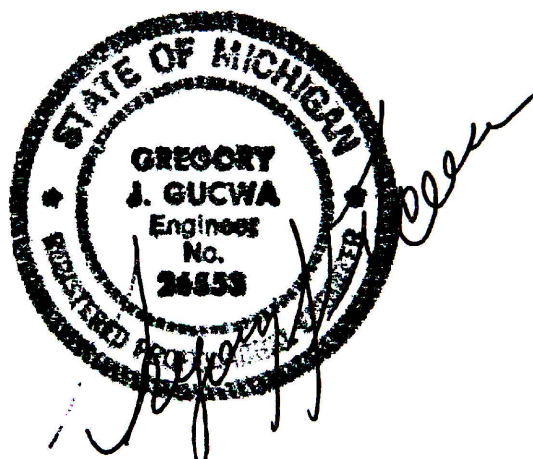
PROJECT DESCRIPTION:
REHAB OF EXISTING RESERVIOR.

PREPARED UNDER THE SUPERVISION OF

GREG J. GUCWA
REGISTERED PROFESSIONAL ENGINEER

6201026553
REGISTRATION NO.

DLZ, INC.
ORGANIZATION



DLZ PROJECT No.
1949-0188-00
SHEET 1 OF 16

DATE ISSUED: 7/5/23 ISSUED FOR BID

A. CONTRACTOR IS RESPONSIBLE TO CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS INCLUDING APPLICABLE ORDINANCES AND REFERENCED STANDARDS.

B. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO SUBMITTING A BID OR BEGINNING ANY WORK. CONDITIONS FOUND TO BE IN VARIANCE FROM THE INFORMATION IN THE DRAWINGS OR PROJECT MANUAL SHALL BE SUBMITTED TO THE ENGINEER IN WRITING FOR CLARIFICATION.

C. KEYNOTES ARE MEANT AS GENERAL GUIDE FOR TYPICAL LOCATIONS. CONTRACTORS PERFORM FULL EXTENT OF WORK REQUIRED TO ACCOMPLISH DESIGN INTENT. THE ABSENCE OF A KEYNOTE DOES NOT ABSOLVE THE CONTRACTOR FROM PROVIDING THE FEATURE GRAPHICALLY INDICATED ON THE DRAWINGS.

D. SPECIFIED WORK ITEMS SHALL BE COORDINATED AND INTERFACED WITH ALL OTHER TRADES TO ALLOW FOR NEW CONSTRUCTION AND COMPLETE INSTALLATION AS REQUIRED TO ACCOMPLISH DESIGN AND INTENT.

E. REFER TO DRAWINGS OF EACH TRADE OR DISCIPLINE FOR ADDITIONAL GENERAL NOTES AND INFORMATION, INCLUDING, CIVIL/SITE DEVELOPMENT, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL.

F. CONTRACTOR IS RESPONSIBLE FOR ALL WORK IDENTIFIED ON ALL DRAWINGS AND INFORMATION IN THE PROJECT MANUAL, AS A COMPLETE PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE SPECIFIC SCOPE OF WORK FOR ANY SUBCONTRACTORS FOR THIS PROJECT.

G. FIELD VERIFY ACTUAL LOCATIONS OF EXISTING UNDERGROUND UTILITIES, STRUCTURES, WATER LINES, STORM, SANITARY LINES, GAS LINES, ELECTRICAL CONDUIT AND OTHER UNDERGROUND UTILITIES PRIOR TO PERFORMING EARTHWORK EXCAVATION OR UTILITY WORK. ENGAGE THE SERVICES OF A PRIVATE UTILITY LOCATE COMPANY IF NECESSARY TO COMPLETE THE LOCATE EXISTING UNDERGROUND UTILITIES AND STRUCTURES.

H. LOCATION OF ALL TEMPORARY FACILITIES SHALL BE COORDINATED WITH OWNER AND ENGINEER PRIOR TO MOBILIZATION ON SITE, INCLUDING BUT NOT LIMITED TO TEMPORARY STAGING AREA, MATERIAL STORAGE, ACCESS DRIVE(S), PARKING AREA, TOP SOIL STOCKPILE AREA, WASTE DISPOSAL AREA, YIELD OFFICES AND TEMPORARY FACILITIES, JOB SIGN, AND TEMPORARY FENCING.

I. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MISCELLANEOUS BLOCKING REQUIRED FOR INSTALLATION OF ALL BUILDING COMPONENTS, INCLUDING BUT NOT LIMITED TO FURNISHINGS, FIXTURES, EQUIPMENT, HARDWARE, BRACKETS AND OWNER PROVIDED EQUIPMENT. CONTRACTOR SHALL COORDINATE SPECIFIC REQUIREMENTS ASSOCIATED WITH EACH TRADE AND WITH OWNER'S REPRESENTATIVE.

J. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MISCELLANEOUS WOOD AND METAL TRIM, FLASHING, CLIP ANGLES, ANCHOR SUPPORTS ENCLOSURE TRIM REQUIRED TO PROVIDE A COMPLETE UNIFORM AND WEATHER TIGHT ASSEMBLY AS REQUIRED TO ACCOMPLISH THE DESIGN INTENT.

K. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN RECOMMENDATIONS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORY COMPONENTS AS REQUIRED TO FULLY COMPLETE WITH MANUFACTURER'S RECOMMENDATIONS.

L. CONTRACTOR SHALL PROVIDE ACCESS DOORS IN ALL WALLS AND CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING, FIRE PROTECTION OR ELECTRICAL ITEMS MAY BE REQUIRED. ACCESS DOORS SHALL BE OF AN APPROPRIATE SIZE REQUIRED FOR EACH APPLICATION. WHERE APPLICABLE. ACCESS DOORS SHALL MATCH THE FIRE RATING OF THE WALL ASSEMBLY.

M. WHERE DISCREPANCIES EXIST IN THE CONTRACT DOCUMENTS INCLUDING, DISCREPANCIES BETWEEN THE DRAWINGS AND THE PROJECT MANUAL, CONTRACTOR SHALL REQUEST CLARIFICATION IN WRITING FROM THE ENGINEER. THE CONTRACTOR SHALL NOT ASSUME ANY ITEM TAKES PRECEDENCE OVER THE OTHER. ANY ACTION THE CONTRACTOR MAKES PRIOR TO NOTIFICATION IN WRITING SHALL BE SOLELY AT THE CONTRACTOR'S RISK.

N. COORDINATE WITH OTHER CONSTRUCTION ACTIVITIES AND CONSTRUCTION SEQUENCING WITH OTHER PROJECTS AND WORK BEING PERFORMED CURRENTLY ON SITE.

O. CONTRACTOR TO PROTECT ALL ITEMS WITHIN THE CONSTRUCTION LIMITS INCLUDING SITE ELEMENTS THAT ARE DESIGNATED TO REMAIN; ITEMS DAMAGE AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT SHALL BE REPAIRED OR REPLACED TO ORIGINAL CONDITION.

P. THESE DRAWINGS SHALL NOT BE SCALED TO OBTAIN DIMENSIONS. IF THE DIMENSIONS CANNOT BE DETERMINED BY THE INFORMATION GIVEN, CONTRACTOR SHALL REQUEST CLARIFICATION FROM THE ENGINEER. ALL DIMENSIONS ARE TO FACE OF STUD FACE OF CMU OR FACE OF CONCRETE UNLESS NOTED OTHERWISE. CEILING HEIGHT DIMENSIONS ARE FROM FINISHED FLOOR TO FACE OF FINISHED CEILING MATERIALS, UNLESS NOTED OTHERWISE.

Q. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY DEWATERING ACTIVITIES AS PART OF THE BASE BID AMOUNT.

R. CONTRACTOR SHALL FIELD MEASURE ALL ACCESS HATCHES PRIOR TO ORDERING MATERIALS. NEW HATCHES TO MATCH CLOSELY WITH EXISTING HATCH DIMENSIONS. ACCESS HATCH SUBMITTALS SHALL BE ACCOMPANIED WITH FIELD MEASUREMENTS FOR EACH LOCATION.

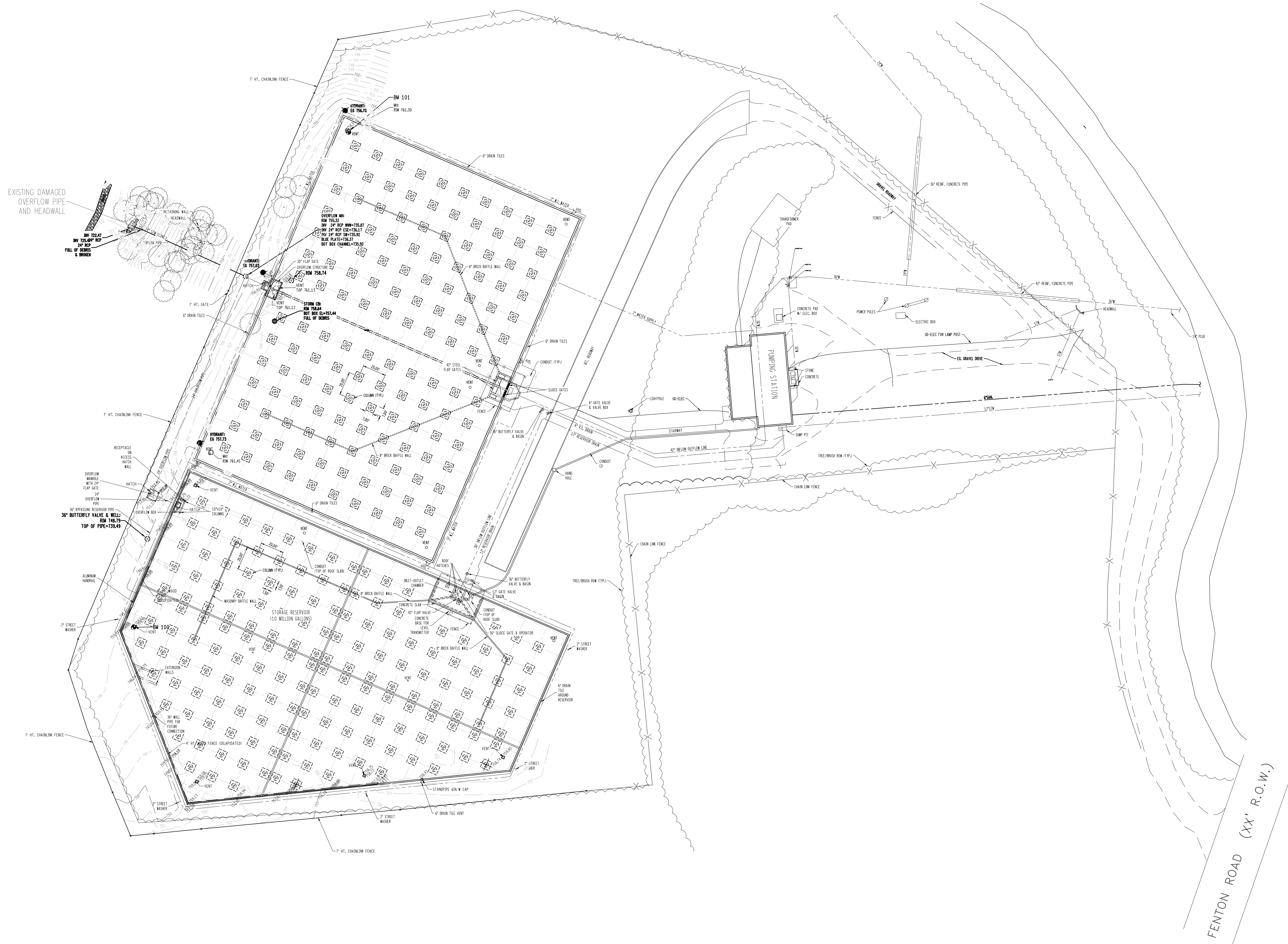
S. MAXIMUM WEIGHT OF EQUIPMENT ALLOWED ON TOP OF RESERVOIR IS 4000 LBS.

T. ALL ACCESS HATCHES SHALL BE BILCO TYPE D OR APPROVED EQUAL. HATCHES MUST MEET THE REQUIREMENTS OF SECTIONS 7.1.3 AND 7.1.8.2 OF THE TEN STATES STANDARDS.



3. The Project shall be constructed in compliance with Part 451 of 1994 as amended, the Soil Erosion and Sedimentation Control Act and the Genesee Drain Commissioner Soil Erosion and Sedimentation Control requirements
2. All erosion and sedimentation control work shall conform to the standards and specifications of Genesee County Drain Commissioner and the City of Flint..
3. Erosion and any sedimentations from work on this site shall be contained on the site and not allowed to collect on any off site areas or in Waterways. Waterways include both natural and man made open ditches, streams, storm drains, lakes and ponds.
4. Staging of the work will be done by the Contractor as directed in these plans and as required to ensure progressive stabilization and maintenance of disturbed earth change.
5. The Contractor shall be responsible for installation and maintenance of soil erosion and sedimentation control devices.
6. The Contractor shall implement and maintain the soil erosion control measures as shown on the plans before and at all times during construction of this project. Any modifications or additions to soil erosion control measures due to construction or changed conditions shall be complied with as required or directed by the Office of the Genesee County Drain Commissioner or the City of Flint.
7. If any of SESC measures on the site are deemed inadequate or ineffective, the Genesee County Drain Commissioner or the City of Flint has the right to require additional SESC measures at the expense of the Contractor.
8. The Soil Erosion and Sedimentation Control Measures shall be maintained weekly and after every storm event by the Contractor.
9. Install Inlet Filter on all permanent catch basins per detail.
 - A Inlet filters shall be inspected weekly under normal conditions, within 24 hours of a rainfall and daily during a prolonged rain event.
 - B Buildup of sediment and debris shall be removed promptly.
 - C If fabric decomposes or becomes ineffective prior to the end of expected usable life and the barrier is still required, the silt fence shall be replaced promptly.
10. All stockpiled soils shall be maintained in such a way as to prevent erosion from leaving the site. If the stockpile will be on site for more than 30 days, then the stockpile must be seeded. Silt fence must be installed around the perimeter of the stockpile. Immediately after seeding, mulch all seeded areas with unweathered small grain straw, spread uniformly at the rate of 1 to 2 tons per acre or 100 pounds (2-3 bales) per 1000 square feet. This mulch should be anchored with disc type mulch anchoring tool or other means as approved by the Genesee County Drain Commissioner. Mulch matting may be used in lieu of loose mulch.
11. If any dewatering is needed, it shall be discharged through a filter bag over a well vegetated area. The pump must discharge at a non-erosive velocity. If necessary, an approved energy dissipater may be used.
12. All dirt tracked onto roadways shall be removed immediately.
13. Streets and or parking areas will be scraped on a daily basis and swept at a minimum of once per week by the Contractor.
14. During dry periods, all disturbed areas shall be watered for dust control.
15. Permanent soil erosion control measures for all slopes, channels, ditches, or any disturbed land area shall be completed within 5 calendar days after final grading or the final earth change has been completed. When it is not possible to permanently stabilize a disturbed area after earth change activity ceases, temporary soil erosion control measures shall be implemented immediately. All temporary soil erosion control shall be maintained until permanent soil erosion control measures are implemented. All permanent soil erosion control measures will be implemented and established before a certificate of compliance is issued.
16. Final grade, establish vegetation, and or landscape all disturbed areas not built or paved upon.
17. Remove all temporary soil erosion control devices after permanent stabilization is established.

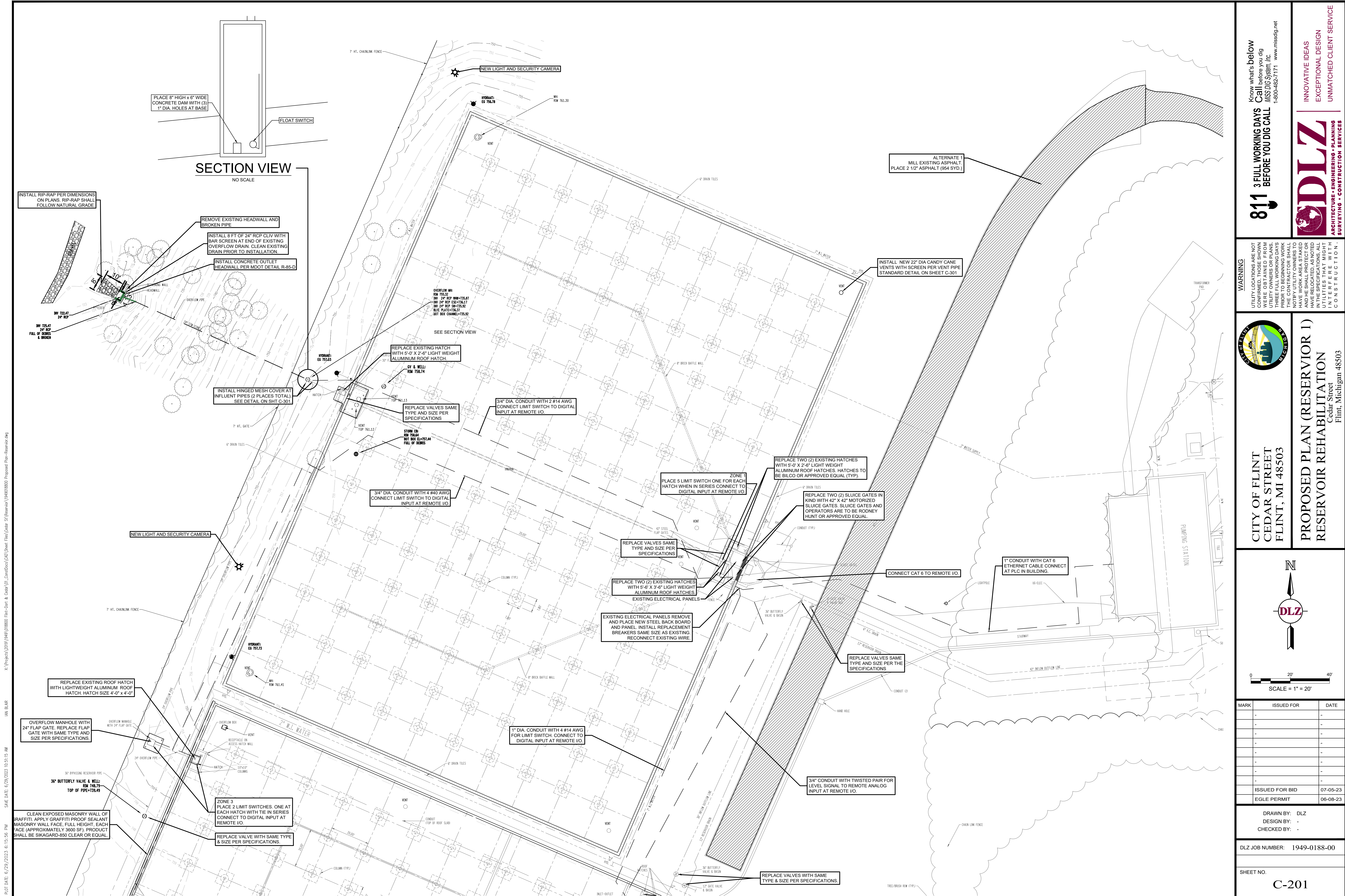
G-001

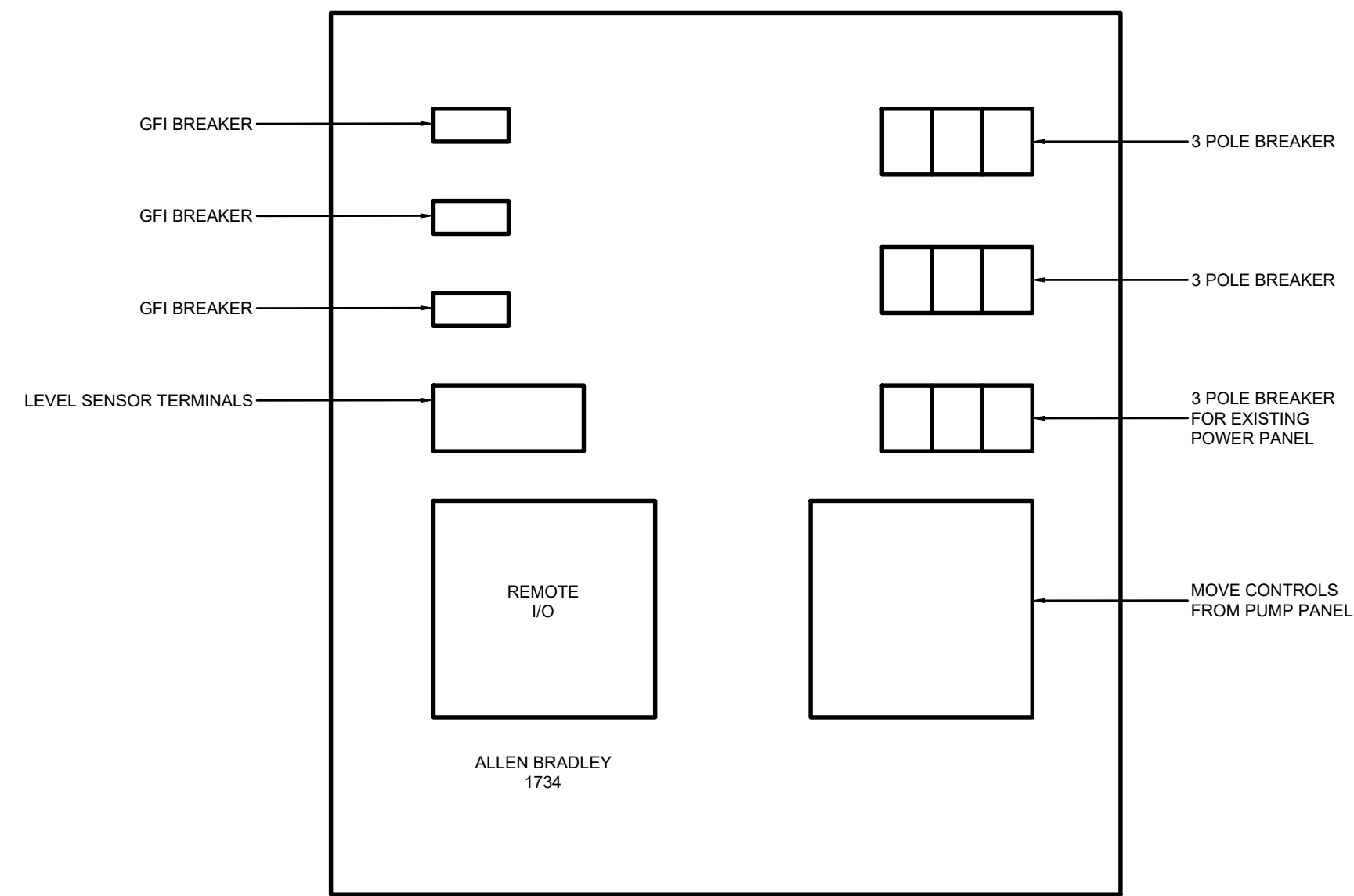


IAN BLAIR

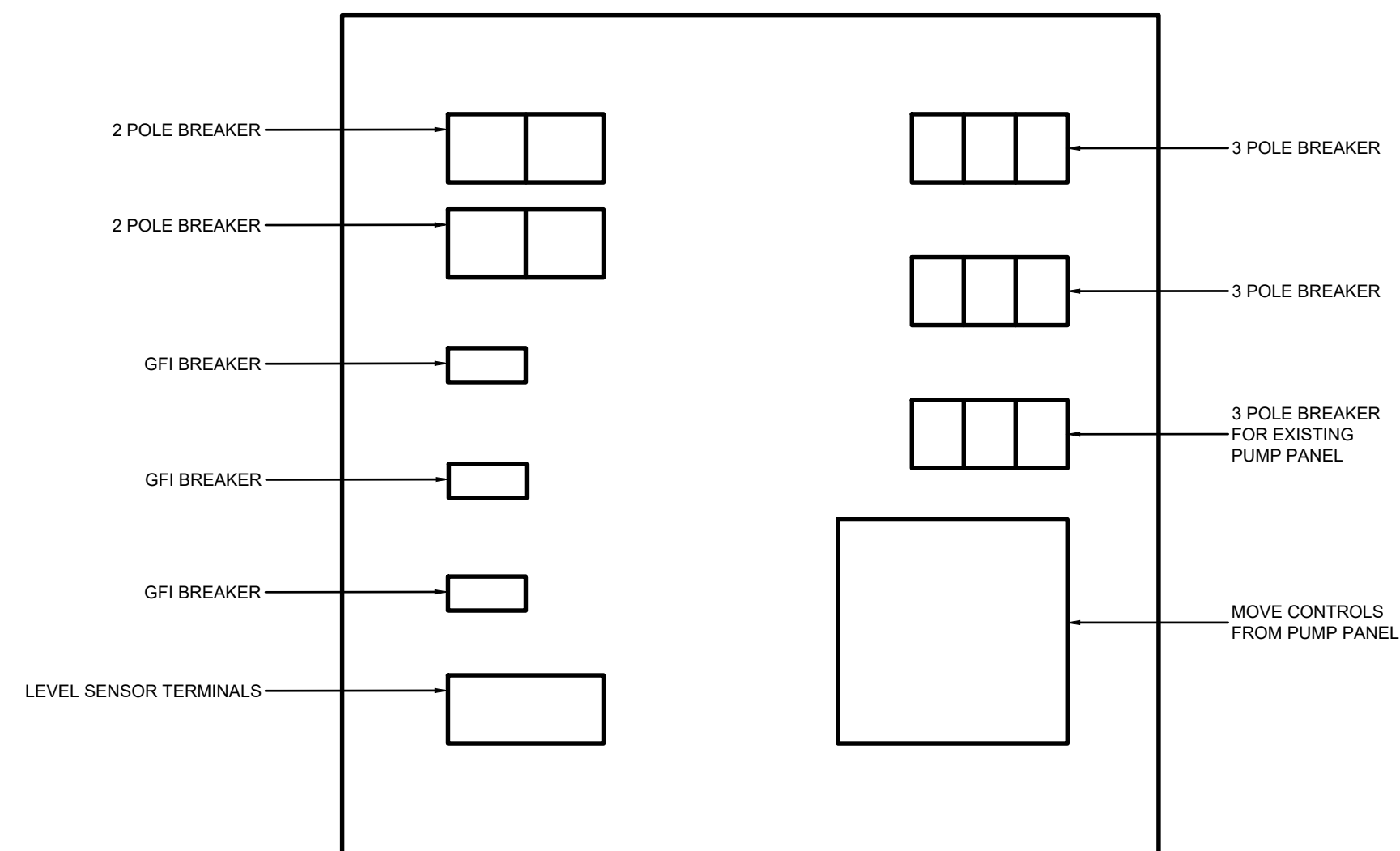
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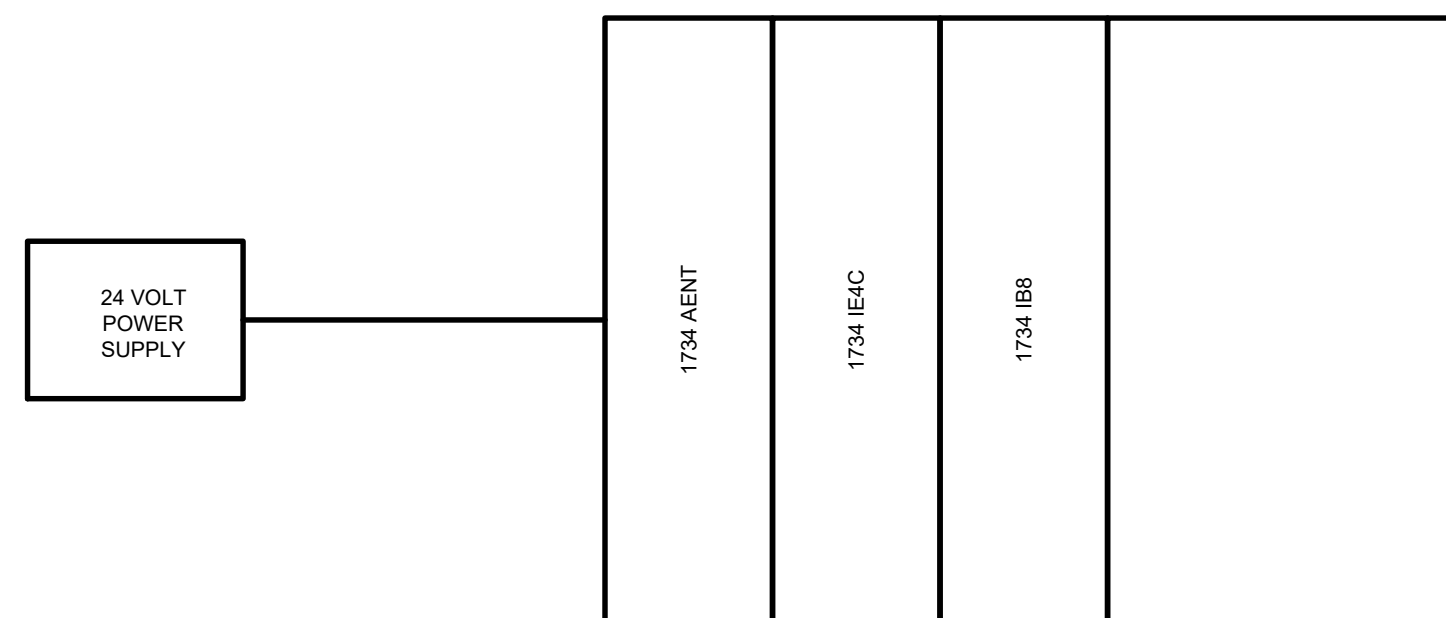




NORTH RESERVOIR

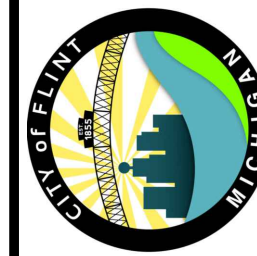


SOUTH RESERVOIR



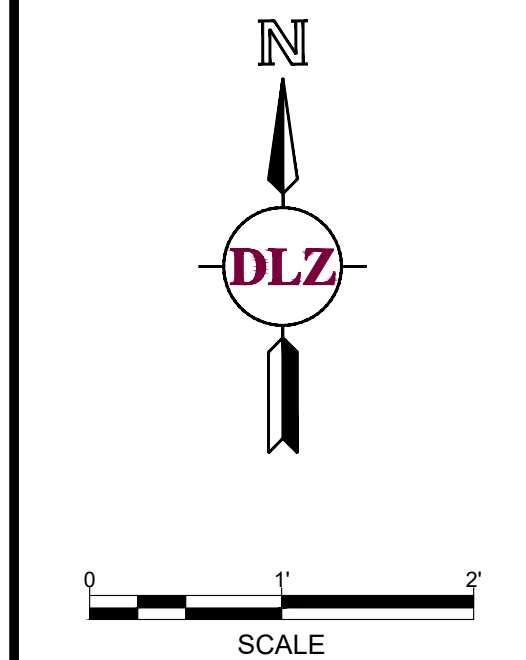
1734 REMOTE I/O

WARNING



CITY OF FLINT
CEDAR STREET
FLINT, MI 48503

Instrumentation & Control Diagrams
RESERVOIR REHABILITATION
Cedar Street
Flint, Michigan 48503



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	ISSUED FOR BID	07-05-23
	EGLE PERMIT	06-08-23

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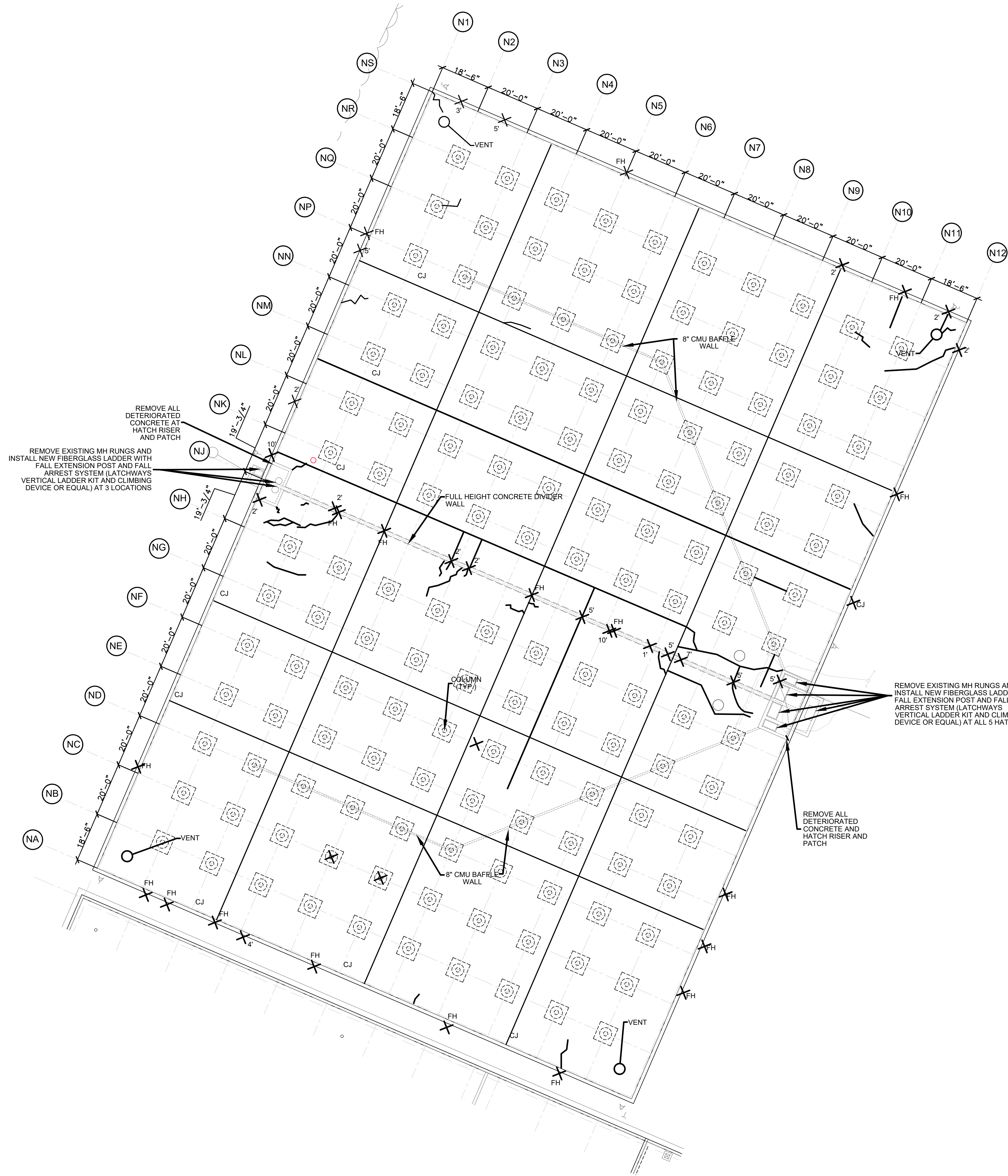
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SHEET NO.

IC-001



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE



- GENERAL NOTES:
- WHERE SPECIFIC PRODUCTS ARE LISTED THEY SHALL BE CONSIDERED BASIS OF DESIGN. ALTERNATE PRODUCTS MAY BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ENGINEER OF RECORD.
 - WHERE QUANTITIES ARE GIVEN THEY SHALL BE ASSUMED TO BE APPROXIMATE AND UNDISTRIBUTED AND SHALL BE THE BASIS FOR THE CONTRACTORS BID. CONTRACTOR SHALL BE PAID FOR ACTUAL WORK PERFORMED BASED ON UNIT PRICES SUBMITTED AT TIME OF BIDDING. UNIT PRICE SHALL INCLUDE ALL MATERIAL, LABOR AND INCIDENTALS REQUIRED FOR INSTALLATION.
 - COAT ALL INTERIOR CONCRETE SURFACES (ROOF, MAT, COLUMNS & WALLS) WITH SIKAFEROGUARD 903 (585,860 SFT).
 - BOTTOM SLAB OF RESEVOIR COULD NOT BE INSPECTED. CONTRACTOR TO CLEAN THE SLAB AND SOUND THE CONCRETE WITH A CHAIN TO LOCATE CONTRACTOR SHALL PROVIDE A SKETCH TO ENGINEER NOTING ANY DETEIORATION FOR REVIEW
 - REPAIR ALL CRACKS PER DETAIL 2/S-103
 - REPAIR ALL CONSTRUCTION JOINTS IN THE ROOF PER DETAIL 3/S-103

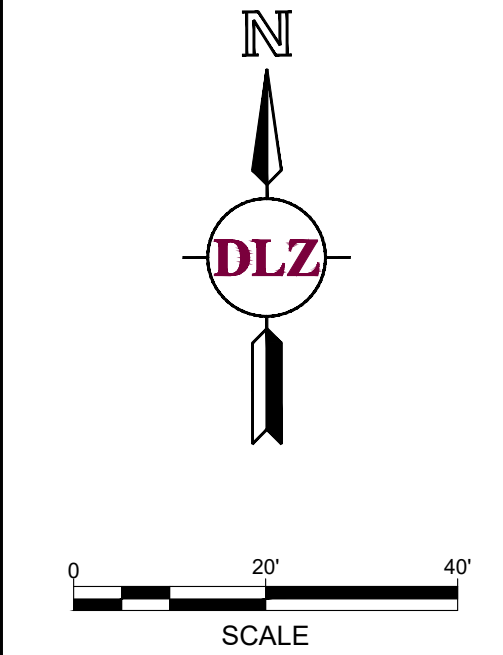
- LEGEND
- CJ CONSTRUCTION JOINT
 - FH FULL HEIGHT WALL CRACK
 - 5' APPROXIMATE LENGTH OF WALL CRACK
 - ~ APPROXIMATE LOCATION/EXTEND OF CRACK IN BOTTOM OF ROOF

WARNING

UTILITY LOCATIONS ARE NOT SHOWN ON THIS PLAN. UTILITY OWNERS OR PLANS, THREE FULL WORKING DAYS PRIOR TO BEGINNING WORK, NOTIFY UTILITY OWNERS TO HAVE WORK AREA STAKED AND HE SHALL PROTECT OR HAVE RELOCATED AS NOTED ON THIS PLAN. UTILITIES THAT MIGHT INTERFERE WITH CONSTRUCTION.

CITY OF FLINT
CEDAR STREET
FLINT, MI 48503

NORTH RESERVOIR REHABILITATION
RESERVOIR REHABILITATION
Cedar Street
Flint, Michigan 48503



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DLZ JOB NUMBER: 1949-0188-00

SHEET NO.
S-101

Know what's below
Call before you dig
MISS DIG System, Inc.
1-800-482-7171 www.missdig.net

811
3 FULL WORKING DAYS
BEFORE YOU DIG CALL

INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

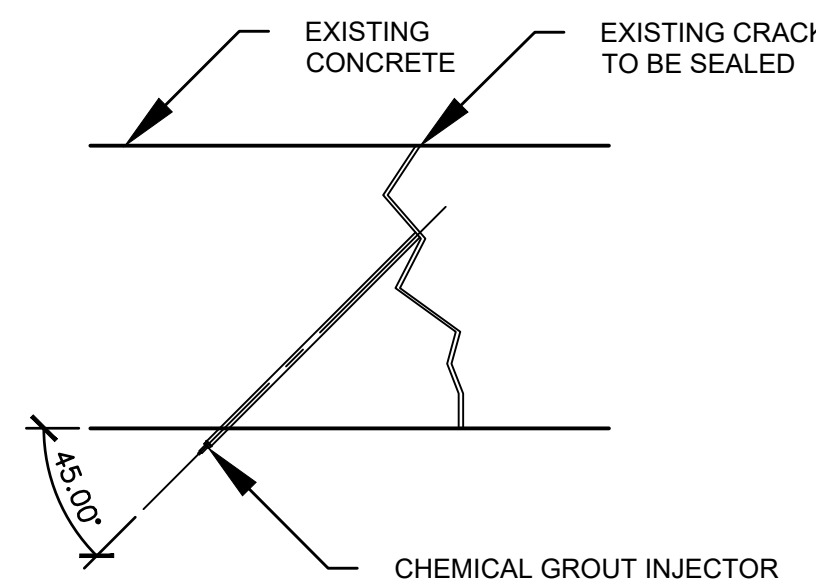
DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES



- NOTES:**
1. THE EXTENT OF THE AREA TO BE REPAIRED SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER BY TAPPING THE CONCRETE WITH A HAMMER TO FIND THE PERIMETER EDGES WHERE UNSOUND MATERIAL MEETS SOUND MATERIAL.
 2. PERIMETER OF REPAIR AREA SHALL BE SAW CUT PERPENDICULAR TO THE SURFACE TO A MINIMUM DEPTH OF 1/2". PERIMETER OF PATCH AREA SHALL HAVE STRAIGHT EDGES 90 DEGREE CORNERS AND NO RE-ENTRANT CORNERS. PATCH AREAS SHALL BE EITHER SQUARE OR RECTANGULAR.
 3. REMOVE ALL UNSOUND CONCRETE DOWN TO SOUND CONCRETE USING LIGHTWEIGHT PNEUMATIC HAMMERS. ANY REINFORCEMENT THAT IS EXPOSED DURING THIS PROCESS SHALL BE COMPLETELY EXPOSED BY REMOVING CONCRETE TO 3/4" BEYOND THE BAR LEAVING THE ENTIRE CIRCUMFERENCE EXPOSED. FINAL PATCH DEPTH SHALL BE UNIFORM (+/- 1/4") AND SHALL NOT BE LESS THAN 1". IF MORE THAN 30% OF THE BAR CROSS SECTION AREA IS LOST, REPLACE WITH SAME SIZE NEW BAR.
 4. ENTIRE CONCRETE SURFACE OF REPAIR AREA SHALL BE MECHANICALLY ABRADED.
 5. ALL EXPOSED REBAR SHALL BE CLEANED OF CORROSION BY EITHER SANDBLASTING OR GRINDER. REMOVE ALL LOOSE SCALE AND CORROSION DEPOSITS. STEEL SHALL BE CLEANED TO A BRIGHT CONDITION PAYING PARTICULAR ATTENTION TO THE BACK OF THE EXPOSED BARS. DO NOT USE WIRE BRUSH FOR CLEANING REINFORCEMENT.
 6. COAT ENTIRE CIRCUMFERENCE OF ALL EXPOSED REINFORCING STEEL WITH EPOXY BONDING.
 7. CONCRETE SURFACE TO BE REPAIRED SHALL BE PREPARED IN ACCORDANCE WITH PATCHING SYSTEM MANUFACTURER'S REQUIREMENTS.
 8. REPAIR AREA BY INSTALLING THE PATCHING MORTAR AND CURING IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 9. BIDS ARE TO BE BASED ON 100 SFT OF CONCRETE PATCHING.

CONCRETE PATCHING

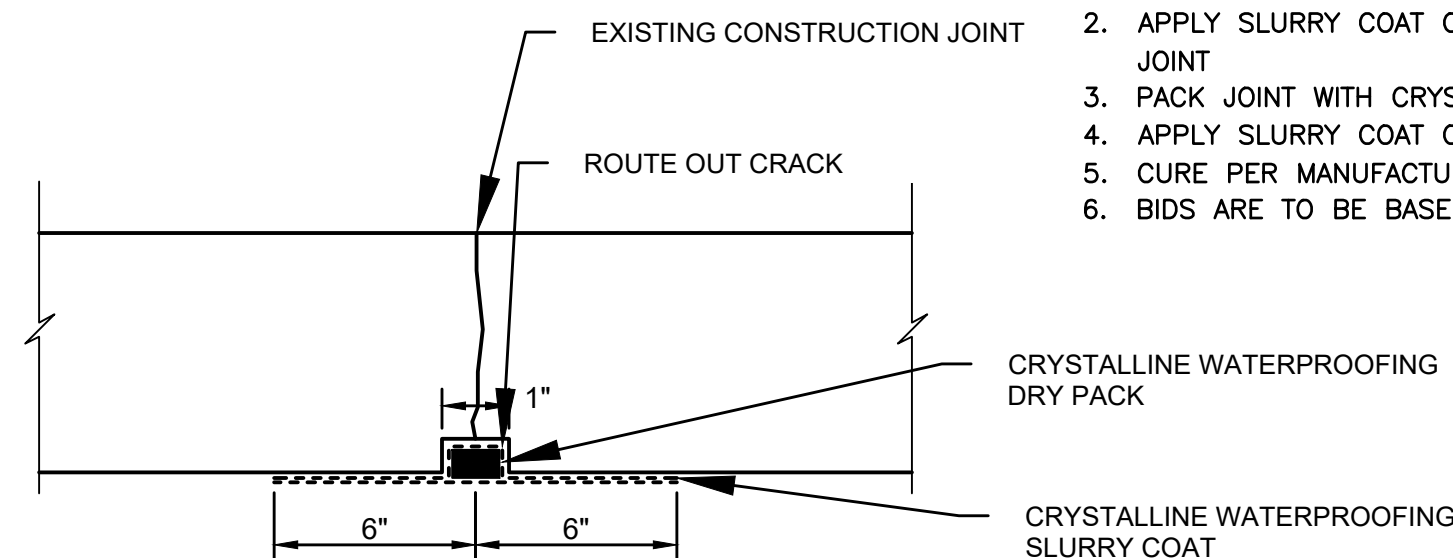
SCALE: NTS



- NOTE:**
1. PREPARE CRACK AND INJECT CHEMICAL GROUT PER MANUFACTURER'S RECOMMENDATIONS.
 2. CONTRACTOR TO ASSUME A TOTAL UNDISTRIBUTED QUANTITY OF 1551 LFT OF CRACK REPAIR

TYPICAL CONCRETE CRACK REPAIR

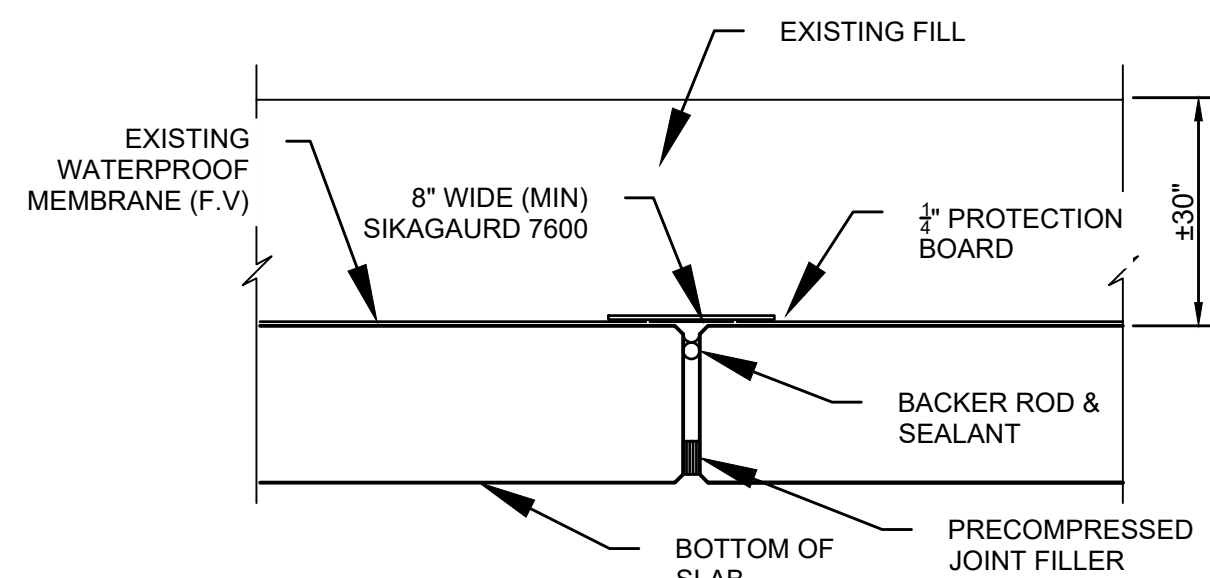
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- NOTES:**
1. ROUTE OUT EXISTING CONSTRUCTION JOINTS WITH 1" X 1'-1/2" SQUARE CUT.
 2. APPLY SLURRY COAT OF CRYSTALLINE WATER PROOFING 6" EACH SIDE OF JOINT & IN JOINT
 3. PACK JOINT WITH CRYSTALLINE WATER PROOFING DRY PACK
 4. APPLY SLURRY COAT OF CRYSTALLINE WATER PROOFING 6" EACH SIDE OF JOINT
 5. CURE PER MANUFACTURE RECOMMENDATIONS.
 6. BIDS ARE TO BE BASED ON 2100 LFT OF CONSTRUCTION JOINT REPAIR

CONSTRUCTION JOINT REPAIR

SCALE: NTS

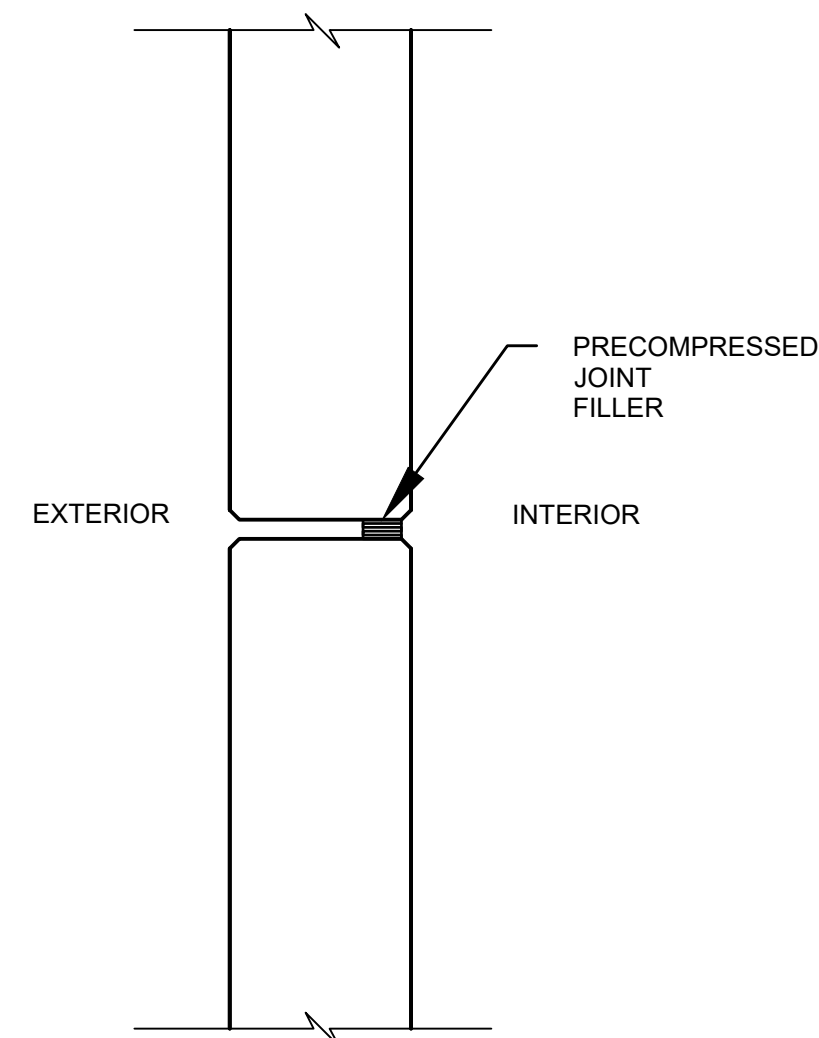


NOTE: MAXIMUM WEIGHT OF EQUIPMENT
ALLOWED ON TOP OF RESERVOIR IS 4000 LBS

- NOTES:**
1. CUT BACK/REMOVE EXISTING WATERPROOFING MEMBRANE IF IT EXISTS, REMOVE EXISTING JOINT FILLER, POWERWASH, AND MECHANICALLY ABRASE TOP OF EXISTING SLAB PRIOR TO INSTALLATION OF TOP SLAB MATERIALS. TURN UP/DOWN A MINIMUM OF 1'-0" AT EXTERIOR EDGE OF TANK.
 2. PRIME EXISTING CONCRETE AND REINFORCE SIKAGUARD 7600
 3. APPROXIMATELY 30" OF FILL EXISTS ABOVE CONCRETE SLAB. FILL SHALL BE REMOVED AND REINSTEAL PER ORIGINAL DRAINAGE DETAILS.
 4. SEALANT TO BE SIKA 2C NS EZ.
 5. PRECOMPRESSED JOINT FILLER TO BE EMESEL SUBMERSAL WITH PREFABRICATED 90 DEGREE CORNERS.
 6. BIDS ARE TO BE BASED ON 570 LFT OF ROOF EXPANSION JOINT REPAIR

TOP SLAB EXPANSION JOINT REPAIR

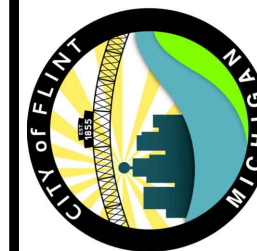
SCALE: NTS



- NOTES:**
1. DETAIL IS SIMILAR AT BASE SLAB.
 2. REMOVE INTERIOR JOINT FILLER AND POWER WASH WITH HIGH PRESSURE SPRAY PRIOR TO INSTALLATION OF PRECOMPRESSED JOINT FILLER.
 3. PRECOMPRESSED JOINT FILLER TO BE EMSAL SUBMERSEAL WITH PREFABRICATED CORNERS.
 4. BIDS ARE TO BASED ON 570 LFT OF BASE SLAB JOINT REPAIR AND 540 LFT OF WALL JOINT REPAIR

WALL AND BASE SLAB EXP. JOINT REPAIR

SCALE: NTS



CITY OF FLINT
CEDAR STREET
FLINT, MI 48503

REHABILITATION DETAILS RESERVOIR REHABILITATION

Cedar Street
Flint, Michigan 48503



A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '40'' in the middle, and '80'' at the right end. Below the bar is the word 'SCALE'.

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	ISSUED FOR BID	07-05-22
	EGLE PERMIT	06-08-21

DRAWN BY: DLZ
DESIGN BY: -
CHECKED BY: -

DLZ JOB NUMBER: 1949-0188-00

SHEET NO.

S-103



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE