

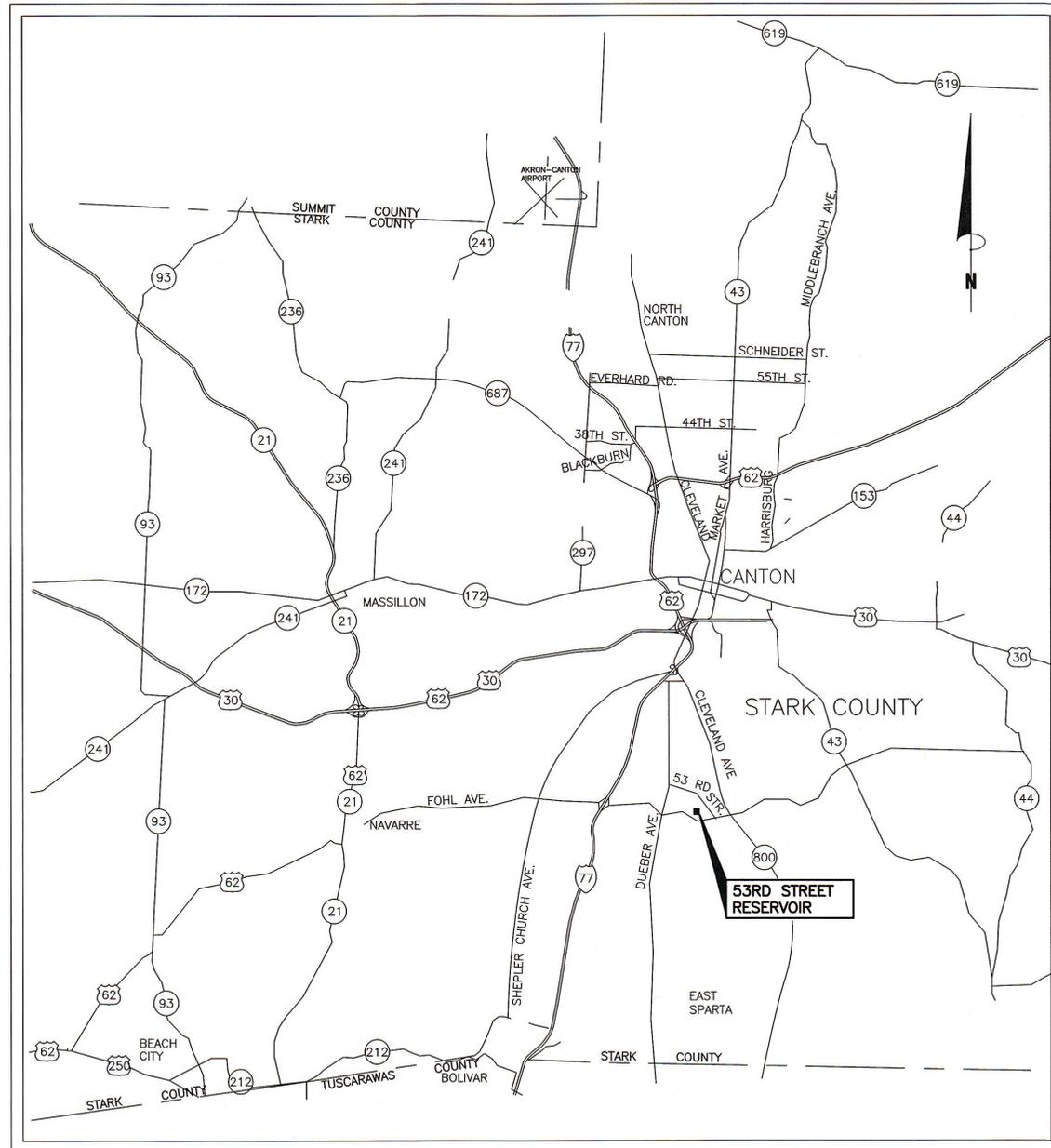
CITY OF CANTON

WATER SYSTEM IMPROVEMENTS

53RD STREET RESERVOIRS RE-ROOFING

BURGESS & NIPLÉ
 100 WEST ERIE STREET
 PAINESVILLE, OHIO 44077

CITY OF CANTON
 WATER SYSTEM IMPROVEMENTS
 53RD STREET RESERVOIRS RE-ROOFING



LOCATION MAP

SHEET INDEX

- G-001 TITLE SHEET
- AD101 ARCHITECTURAL SITE DEMOLITION PLAN
- AD102 ROOF DEMOLITION PLAN
- A-101 ARCHITECTURAL SITE PLAN
- A-102 ROOF PLAN
- A-103 DETAILS
- A-104 DETAILS

CITY ADMINISTRATION

- WILLIAM J. HEALY II.....MAYOR
- WILLIAM BARTOS.....DIRECTOR OF PUBLIC SERVICE
- RICHARD A. MALLONN II..... AUDITOR
- JOSEPH MARTUCCIO..... LAW DIRECTOR
- KIM R. PEREZ..... TREASURER
- TYLER CONVERSE..... WATER DEPARTMENT SUPERINTENDENT
- DAN MOEGLIN..... ENGINEER

CITY COUNCIL

- ALLEN SCHULMAN..... PRESIDENT OF COUNCIL
- JAMES BABCOCK..... COUNCIL MEMEBER-AT-LARGE
- RICHARD HART..... COUNCIL MEMEBER-AT-LARGE
- BILL SMUCKLER..... COUNCIL MEMEBER-AT-LARGE
- GREG HAWK..... WARD 1 COUNCIL MEMBER
- THOMAS E. WEST..... WARD 2 COUNCIL MEMBER
- JAMES E. GRIFFIN..... WARD 3 COUNCIL MEMBER
- CHRIS SMITH..... WARD 4 COUNCIL MEMBER
- KEVIN FISHER..... WARD 5 COUNCIL MEMBER
- DAVID R. DOUGHERTY..... WARD 6 COUNCIL MEMBER
- JOHN MARIOL II..... WARD 7 COUNCIL MEMBER
- EDMOND MACK..... WARD 8 COUNCIL MEMBER
- FRANK MORRIS..... WARD 9 COUNCIL MEMBER

J. CARLOS ROJAS, AIA

DATE



J. Carlos Rojas
 WATER DEPARTMENT SUPERINTENDENT
 P.O. BOX 7904
 2664 HARRISBURG ROAD NE
 CANTON, OHIO 44705

12-4-2015
 DATE

FULL SIZE SHEET SCALE 36"X24"
 HALF SIZE SHEET SCALE 18"X12"

NO.	DESCRIPTION	REVISIONS	DATE

JOB NO:	PR54211
DATE:	DEC. 2015
DESIGNED BY:	CR, DP
DRAWN BY:	DP
CHECKED BY:	CR
APPROVED BY:	MP
SCALE:	AS NOTED

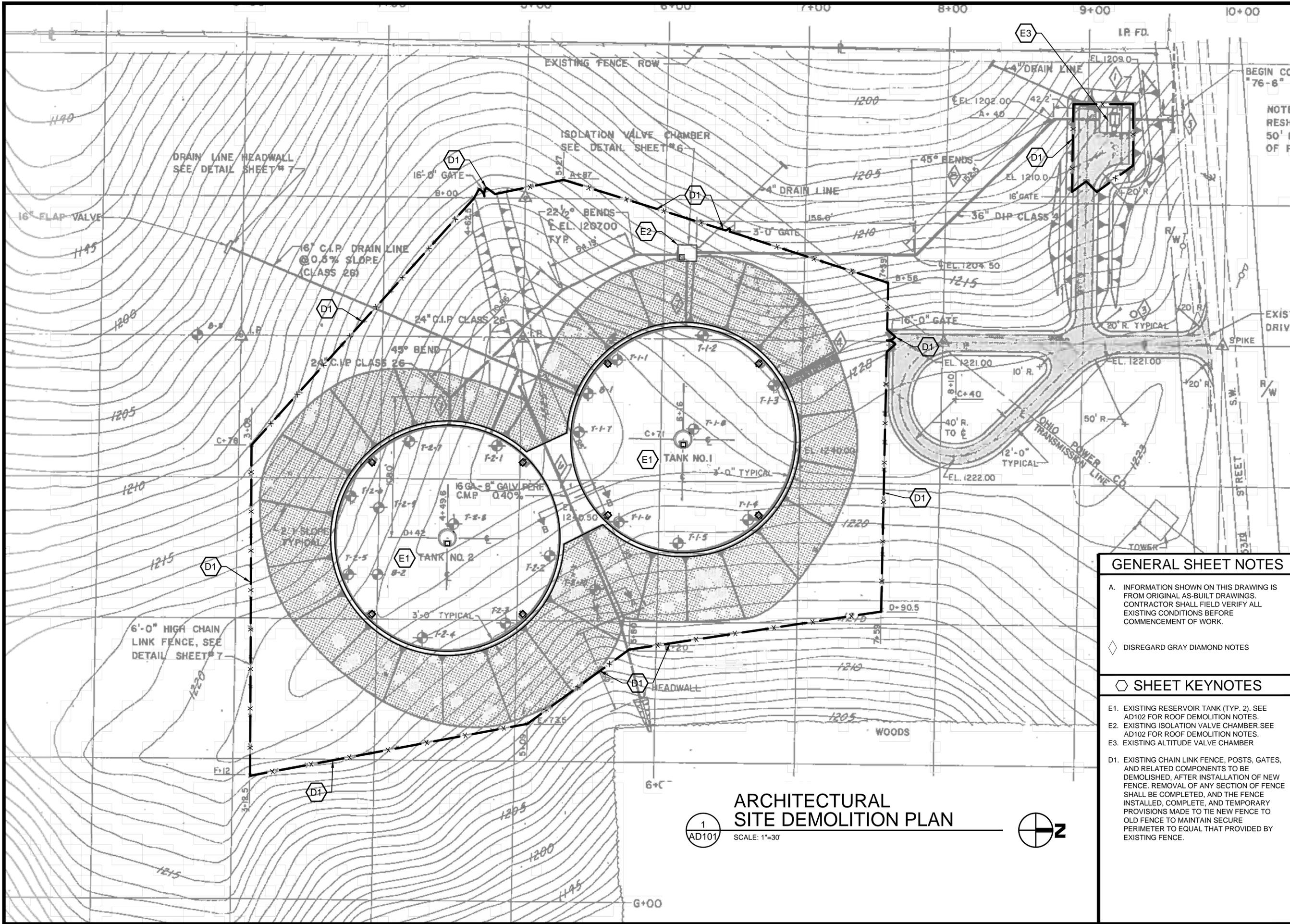
TITLE SHEET

G-001

SHEET: 01 OF 07

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ARCHITECTURAL SITE DEMOLITION PLAN

1
AD101

SCALE: 1"=30'



GENERAL SHEET NOTES

A. INFORMATION SHOWN ON THIS DRAWING IS FROM ORIGINAL AS-BUILT DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCEMENT OF WORK.

◇ DISREGARD GRAY DIAMOND NOTES

○ SHEET KEYNOTES

- E1. EXISTING RESERVOIR TANK (TYP. 2). SEE AD102 FOR ROOF DEMOLITION NOTES.
- E2. EXISTING ISOLATION VALVE CHAMBER. SEE AD102 FOR ROOF DEMOLITION NOTES.
- E3. EXISTING ALTITUDE VALVE CHAMBER
- D1. EXISTING CHAIN LINK FENCE, POSTS, GATES, AND RELATED COMPONENTS TO BE DEMOLISHED, AFTER INSTALLATION OF NEW FENCE. REMOVAL OF ANY SECTION OF FENCE SHALL BE COMPLETED, AND THE FENCE INSTALLED, COMPLETE, AND TEMPORARY PROVISIONS MADE TO TIE NEW FENCE TO OLD FENCE TO MAINTAIN SECURE PERIMETER TO EQUAL THAT PROVIDED BY EXISTING FENCE.

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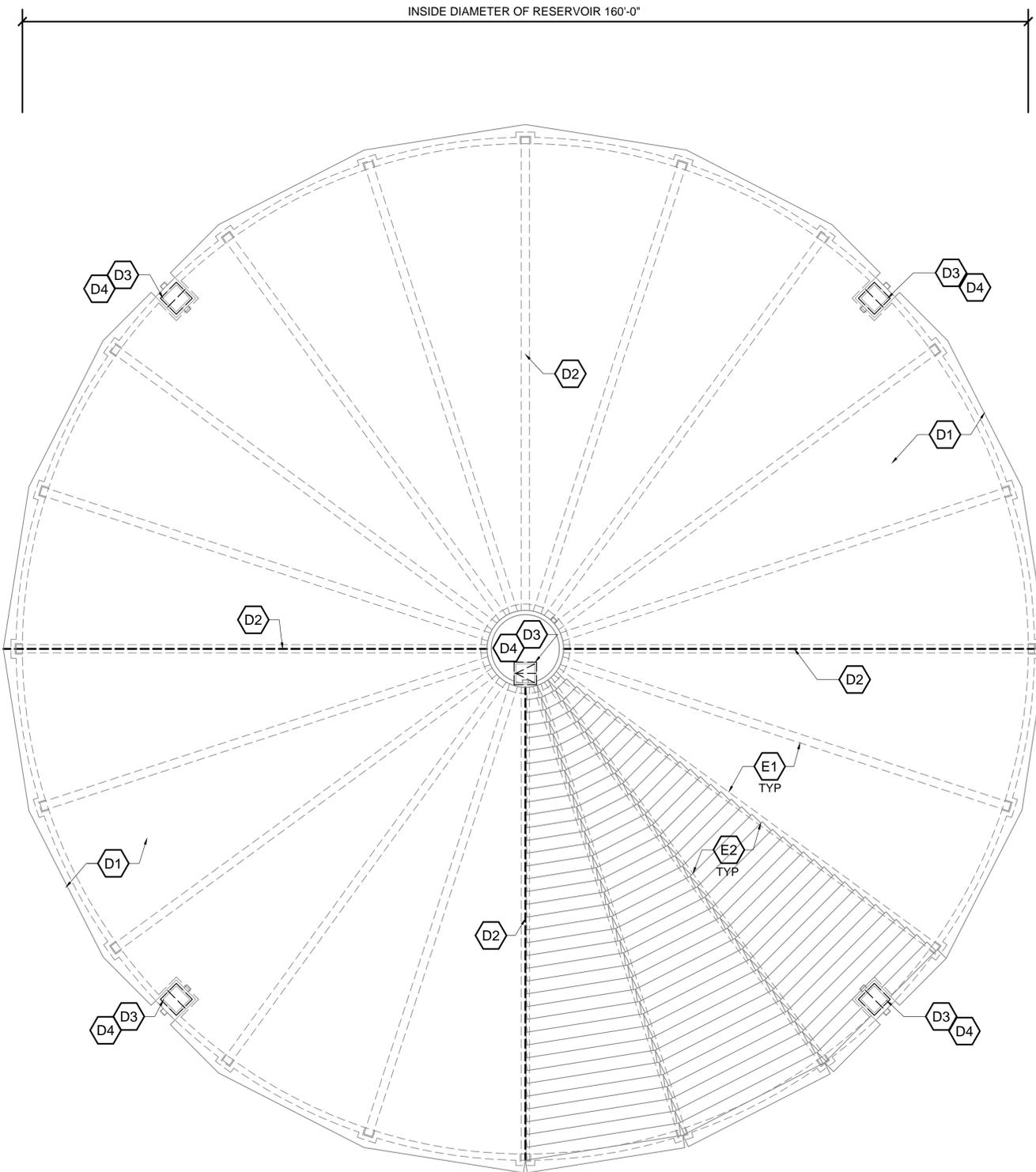
CITY OF CANTON
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53RD STREET RESERVOIRS RE-ROOFING

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ARCHITECTURAL
SITE DEMOLITION
PLAN

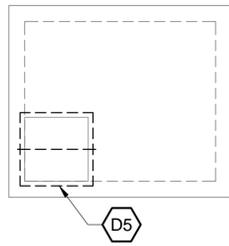
AD101
SHEET: 02 OF 07



1
AD102

**RESERVOIR TANK #1 & #2
TYPICAL ROOF DEMOLITION PLAN**

SCALE: 3/32"=1'-0"



2
AD102

**ISOLATION VALVE CHAMBER
ROOF DEMOLITION PLAN**

SCALE: 3/16"=1'-0"

GENERAL SHEET NOTES

- A. INFORMATION SHOWN ON THIS DRAWING IS FROM ORIGINAL AS-BUILT DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCEMENT OF WORK.
- B. CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO MAKE SURE DEBRIS FROM ROOF CONSTRUCTION DOES NOT ENTER RESERVOIR. IN THE EVENT CONSTRUCTION DEBRIS ENTERS RESERVOIR, CONTRACTOR SHALL REMOVE DEBRIS BEFORE RESERVOIR IS RE-COMMISSIONED.
- C. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEMOLISHED ITEMS FROM THE SITE AS SOON AS PRACTICAL.

SHEET KEYNOTES

- E1. EXISTING PRECAST ROOF SUPPORT BEAMS TO REMAIN.
- E2. EXISTING 6" PRECAST ROOF SLAB AND CONCRETE/ GROUT INFILL IN BETWEEN ROOF SLABS TO REMAIN AND BE INSPECTED PRIOR TO RE-ROOFING.
- D1. EXISTING ROOFING, RIGID INSULATION, WOOD BLOCKING, PERIMETER EDGE METALS AND FLASHING TO BE DEMOLISHED.
- D2. EXISTING EXPANSION JOINT COVER, AND WOOD BLOCKING TO BE REMOVED. EXISTING EXPANSION JOINT FILLER MATERIAL AND RETAINER TO REMAIN AND BE INSPECTED PRIOR TO RE-ROOFING.
- D3. EXISTING 3'x3' ALUMINUM ACCESS DOOR COVER TO BE REMOVED. EXISTING ACCESS DOOR FRAME TO REMAIN.
- D4. EXISTING LOUVER/ VENT AT EACH ACCESS HATCH TO REMAIN. EXISTING WIRE MESH SCREEN TO BE REMOVED.
- D5. EXISTING 4'x4' ALUMINUM ACCESS DOOR COVER TO BE REMOVED. EXISTING ACCESS DOOR FRAME TO REMAIN.

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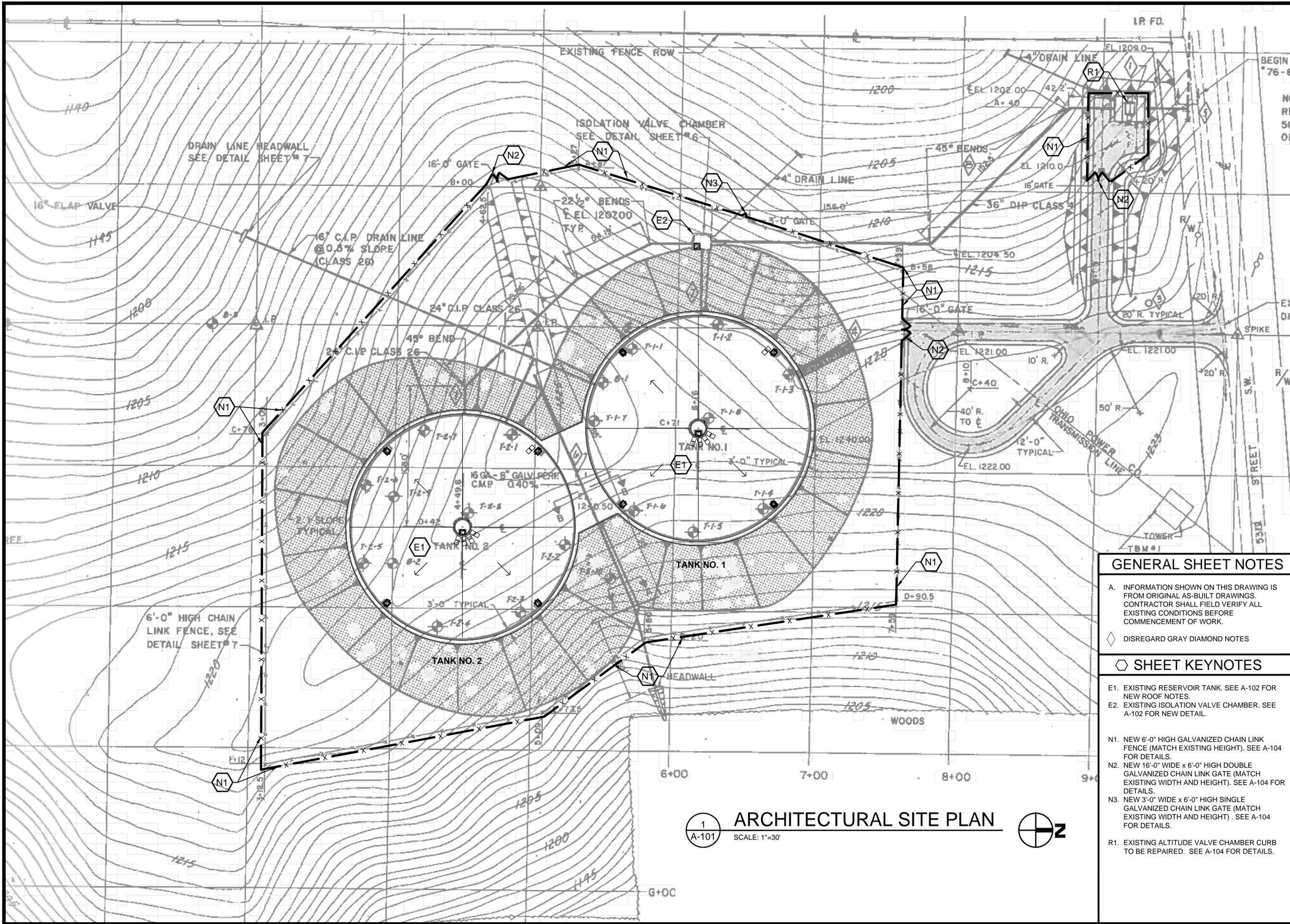
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ROOF DEMOLITION PLAN

AD102

SHEET: 03 OF 07



1 ARCHITECTURAL SITE PLAN
 A-101 SCALE: 1"=30'

GENERAL SHEET NOTES

- A. INFORMATION SHOWN ON THIS DRAWING IS FROM ORIGINAL AS-BUILT DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCEMENT OF WORK.
- ◇ DISREGARD GRAY DIAMOND NOTES

○ SHEET KEYNOTES

- E1. EXISTING RESERVOIR TANK. SEE A-102 FOR NEW ROOF NOTES.
- E2. EXISTING ISOLATION VALVE CHAMBER. SEE A-102 FOR NEW DETAIL.
- N1. NEW 6'-0" HIGH GALVANIZED CHAIN LINK FENCE (MATCH EXISTING HEIGHT). SEE A-104 FOR DETAILS.
- N2. NEW 16'-0" WIDE x 6'-0" HIGH DOUBLE GALVANIZED CHAIN LINK GATE (MATCH EXISTING WIDTH AND HEIGHT). SEE A-104 FOR DETAILS.
- N3. NEW 3'-0" WIDE x 6'-0" HIGH SINGLE GALVANIZED CHAIN LINK GATE (MATCH EXISTING WIDTH AND HEIGHT). SEE A-104 FOR DETAILS.
- R1. EXISTING ALTITUDE VALVE CHAMBER CURB TO BE REPAIRED. SEE A-104 FOR DETAILS.

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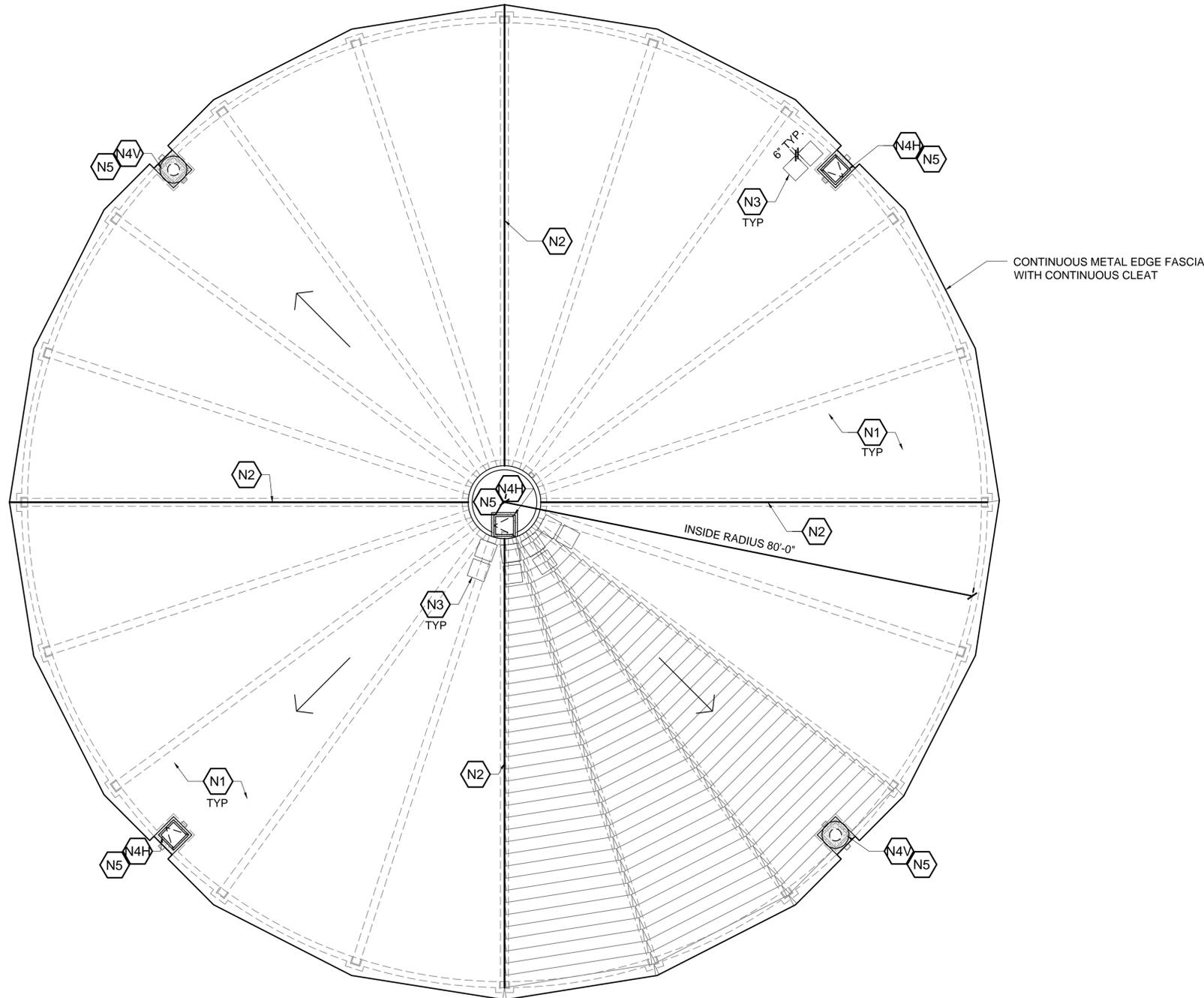
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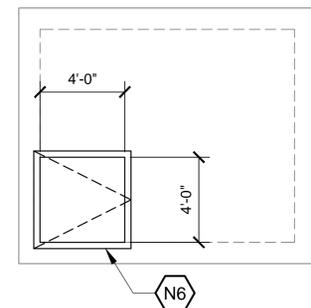
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 APPROVED BY: MP, CR
 SCALE: AS NOTED

ARCHITECTURAL SITE PLAN

A-101
 SHEET: 04 OF 07



1
A-102
RESERVOIR TANK #1 & #2
TYPICAL ROOF PLAN
 SCALE: 3/32"=1'-0"



2
A-102
ISOLATION VALVE CHAMBER -
HATCH DETAIL
 SCALE: 1/4"=1'-0"

GENERAL SHEET NOTES

- A. INFORMATION SHOWN ON THIS DRAWING IS FROM ORIGINAL AS-BUILT DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCEMENT OF WORK.
- B. PATCH SURFACE OF EXISTING PRECAST SLAB W/ GROUT TO PROVIDE A UNIFORM AND LEVEL SURFACE FOR NEW ROOFING SYSTEM IF REQUIRED, PAID UNDER MISCELLANEOUS REPAIR AND RENOVATION ALLOWANCE.
- C. FOLLOWING EXISTING ROOF TEAR-OFF, INSPECT ALL EXPANSION JOINTS AND ADJACENT GROUT FOR WATER DAMAGE OR DECAY. REPLACE DEGRADED SECTIONS OF EXPANSION JOINT FILLER AND ADJACENT GROUT, PAID UNDER MISCELLANEOUS REPAIR AND RENOVATION ALLOWANCE.
- D. INFILL EXISTING ACCESS DOOR FRAMES WITH CONCRETE TO ACCOMMODATE NEW CONCRETE CURB AND NEW ACCESS HATCH. SEE DETAIL ON A-103.

SHEET KEYNOTES

- N1. FULLY ADHERED EPDM ROOFING SYSTEM. SEE A-104.
- N2. EXPANSION JOINT COVER AND FLASHING. SEE A-104 FOR DETAIL.
- N3. EPDM WALKPADS OVER EPDM ROOF MEMBRANE. 3'X3'X5 MIL. (TYP. 16 PER RESERVOIR)
- N4H. 3'x3' ACCESS HATCH OVER REINFORCED CONCRETE CURB. SEE A-103 FOR DETAILS.
- N4V. 2' DIA ROOF VENT OVER REINFORCED CONCRETE CURB. SEE A-103 FOR DETAIL.
- N5. METAL COVER PLATE OVER EXISTING LOUVER VENTS AT ALL ACCESS OPENINGS. TYPICAL. SEE A-103 FOR DETAILS.
- N6. REBUILD EXISTING 4'x4' ACCESS HATCH DOOR AND HARDWARE TO MATCH EXISTING. EXISTING FRAME TO REMAIN FOR RE-USE.

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ROOF PLAN

A-102
 SHEET: 05 OF 07

GENERAL SHEET NOTES

- A. INFILL EXISTING ACCESS DOOR FRAMES WITH CONCRETE TO ACCOMMODATE NEW CONCRETE CURB AND NEW ACCESS HATCH.
- B. AT NEW CONCRETE CURB, PROVIDE NEENAH FOUNDRY R-1980-T OR SIMILAR MANHOLE STEP 16" ABOVE EXISTING STEP. INSTALL PER MFR RECOMMENDATIONS.

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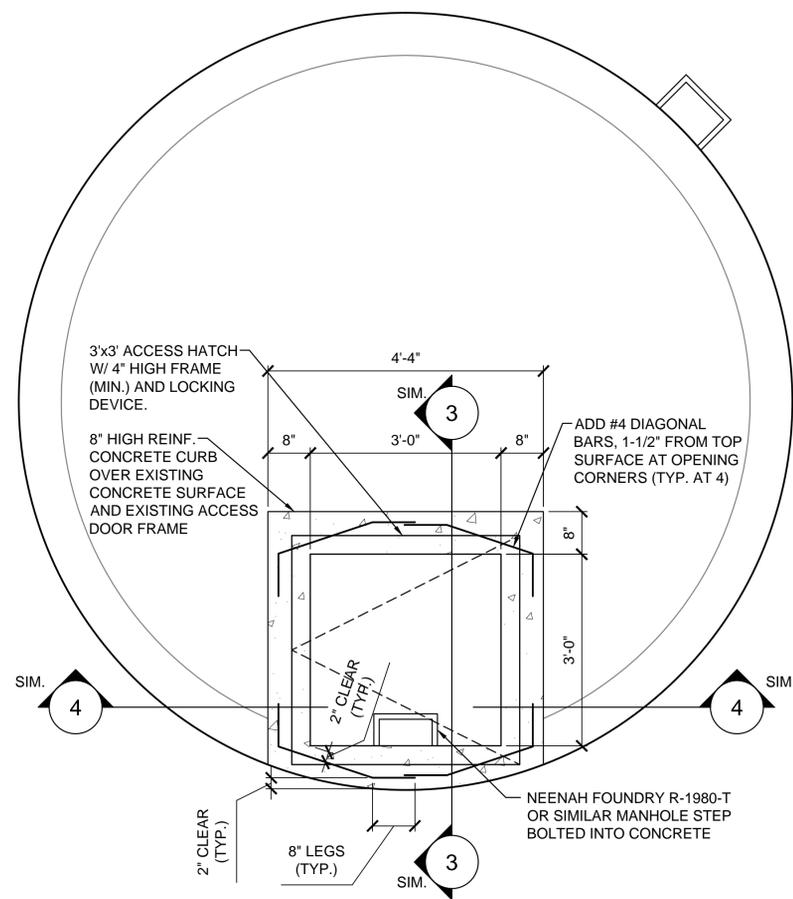
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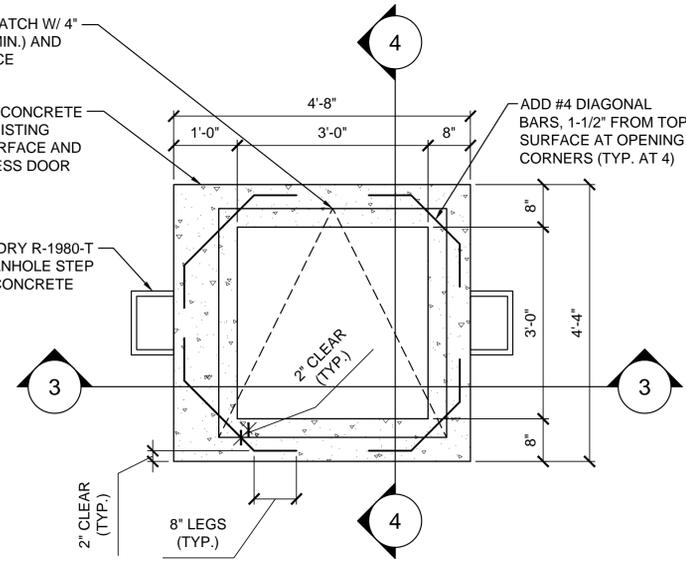
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DETAILS

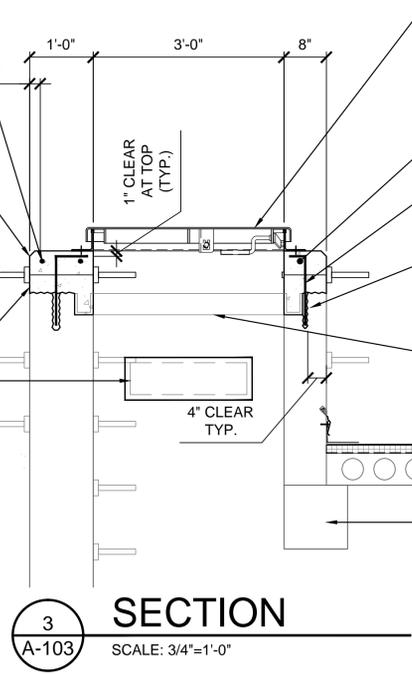
A-103
 SHEET: 06 OF 07



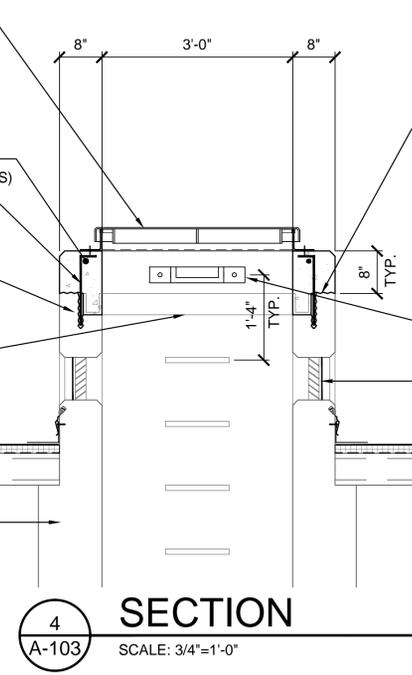
2
 A-103
 TYPICAL PLAN:
 CENTER ACCESS HATCH
 SCALE: 1-1/2"=1'-0"



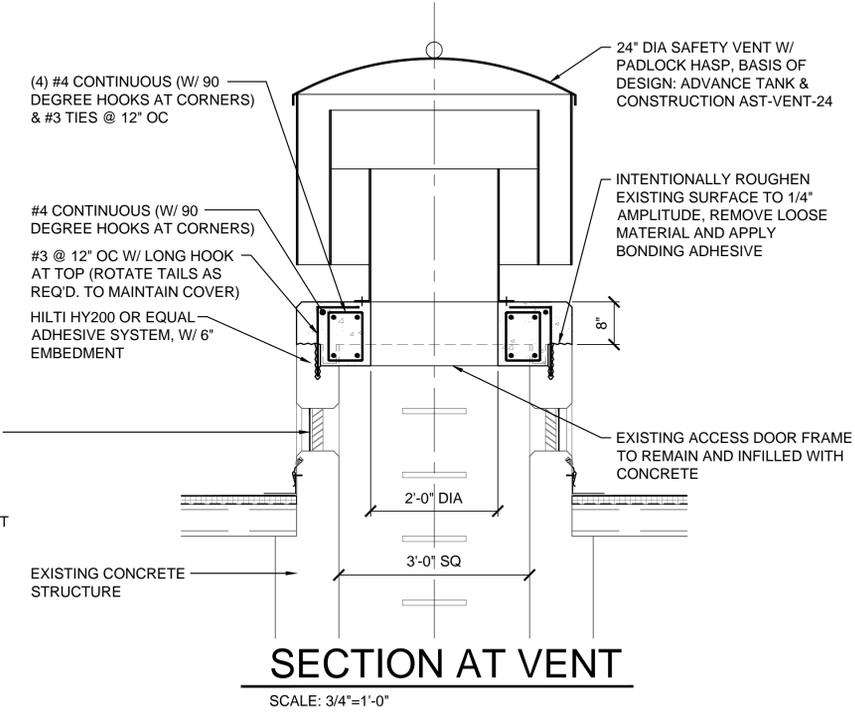
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 A-103
 TYPICAL PLAN:
 PERIMETER ACCESS HATCH & VENT
 SCALE: 3/4"=1'-0"



3
 A-103
 SECTION
 SCALE: 3/4"=1'-0"

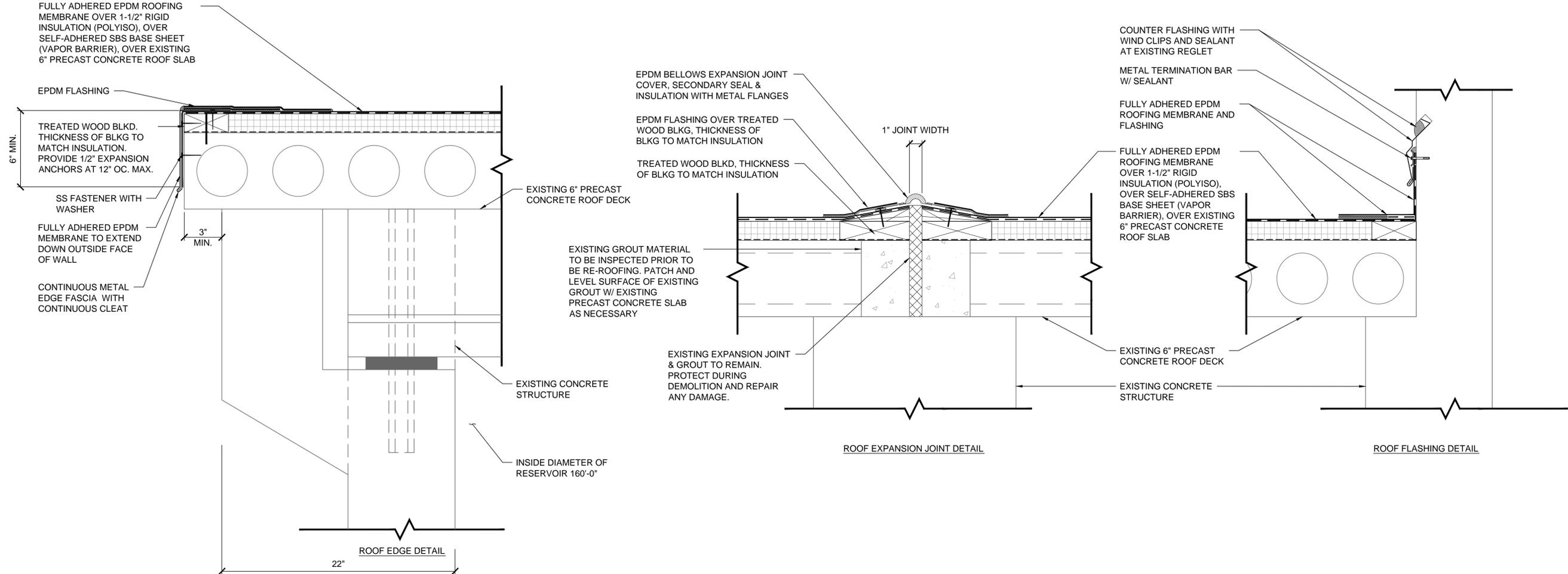


4
 A-103
 SECTION
 SCALE: 3/4"=1'-0"

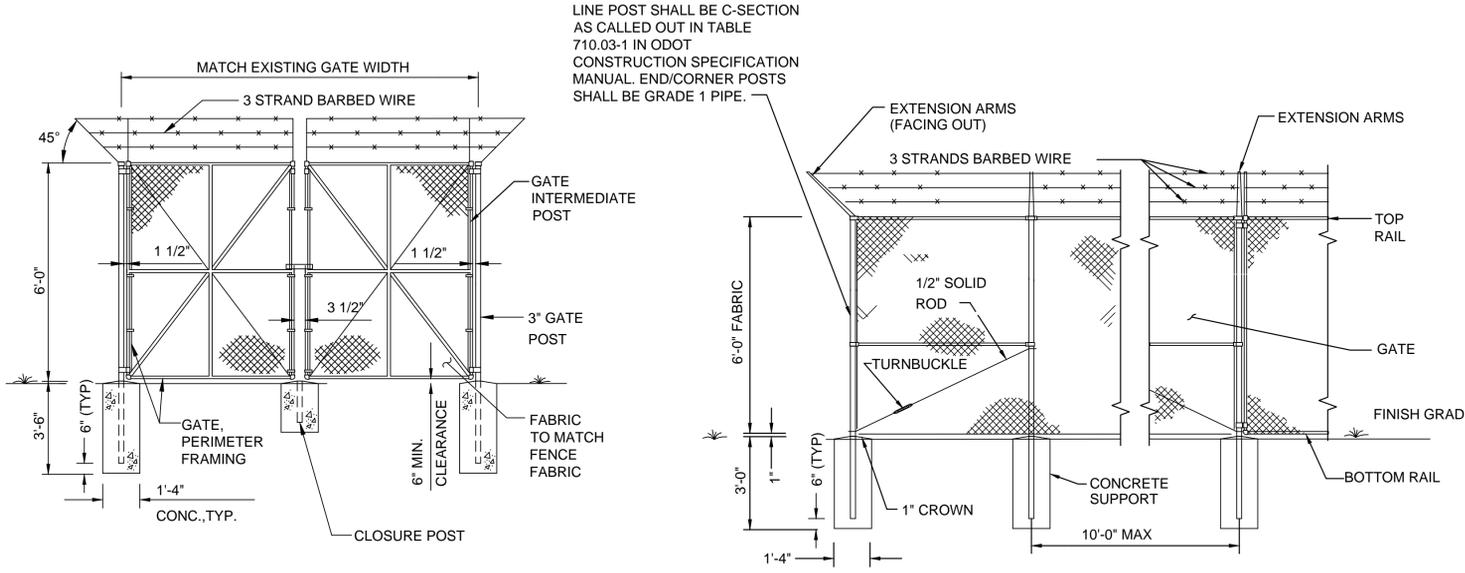


SECTION AT VENT
 SCALE: 3/4"=1'-0"

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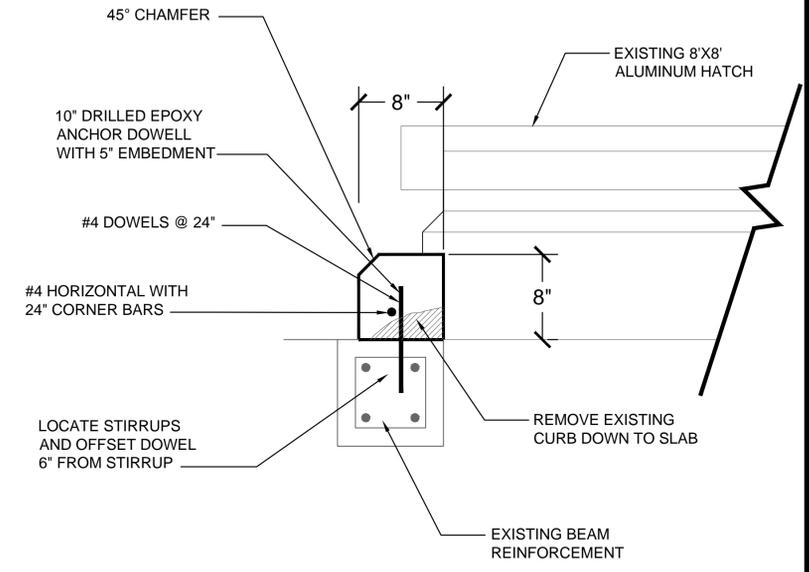


1
A-104
TYPICAL ROOF DETAILS
SCALE: NONE



NOTE: SEE SPECIFICATION 32 31 14
GATE DETAIL
SCALE: NONE

NOTE: SEE SPECIFICATION 32 31 14
FENCE DETAIL
SCALE: NONE



3
A-104
ALTITUDE VALVE CHAMBER CURB REPAIR DETAIL
SCALE: NONE

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DETAILS

A-104
SHEET: 07 OF 07

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