

CITY OF HUNTINGBURG DUBOIS COUNTY, INDIANA

WATER TREATMENT PLANT FILTER CELL NO. 5 AND 7 REHABILITATION JULY 2025

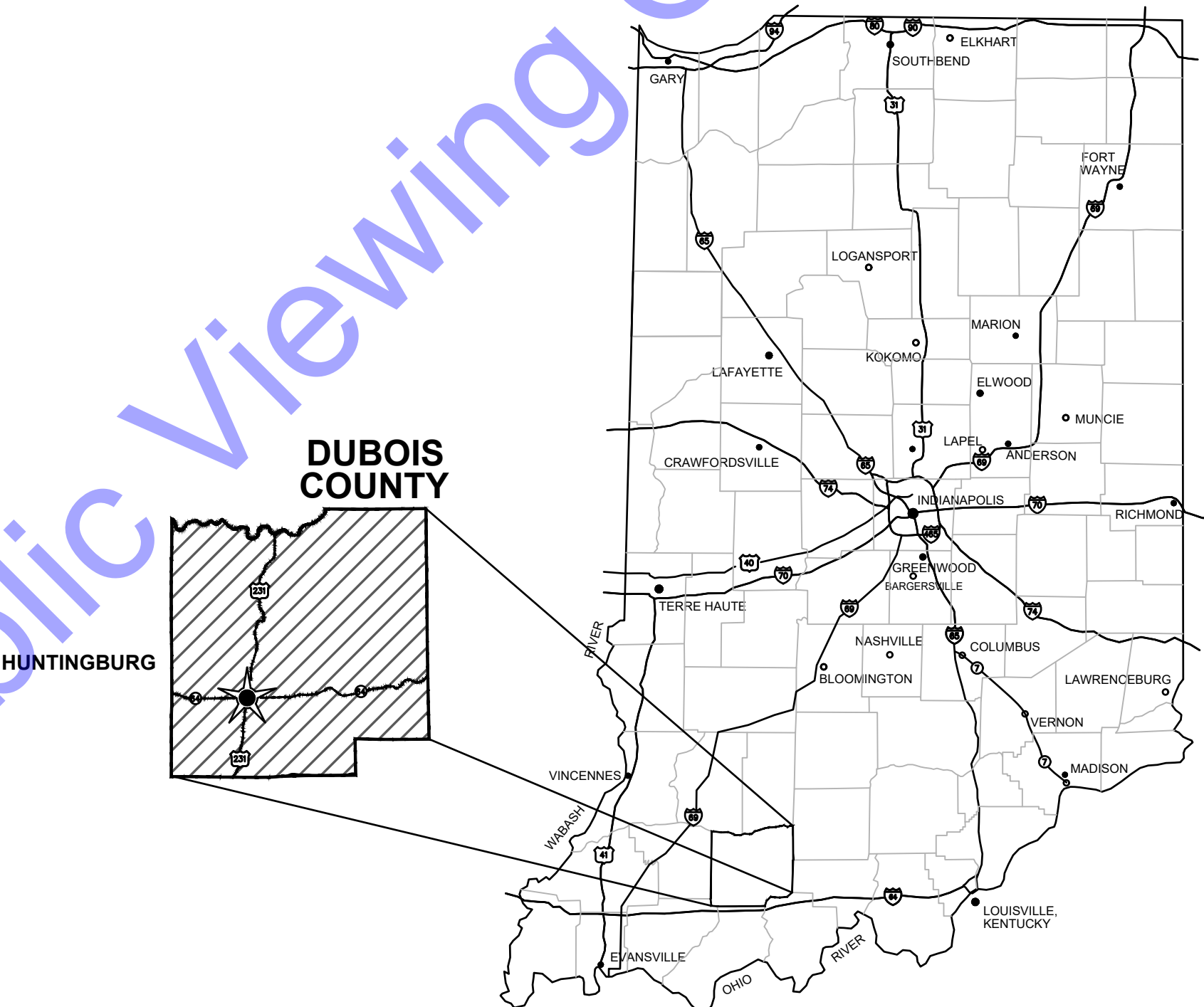
BOARD OF PUBLIC WORKS

NEIL ELKINS.....MAYOR
KERRY BLESSINGER.....MEMBER
KEITH SOUDERS.....MEMBER
DAN FITCH.....MEMBER
DUSTIN SCHMETT.....MEMBER

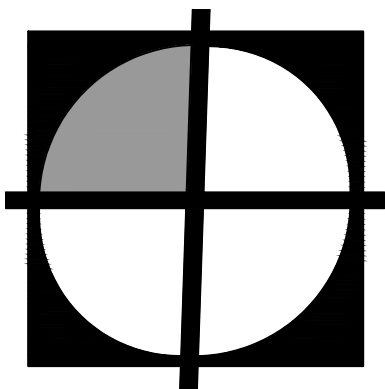
COMMON COUNCIL

TIM WEHR.....AT LARGE
GLEN KISSLING.....PRECINCT 1
JEFF BOUNDS.....PRECINCT 2
STEVE McPHERRON.....PRECINCT 3
PAMELA BOLTE.....PRECINCT 4

THOMAS DIPPEL.....CLERK-TREASURER
JERRY AUSTIN.....WATER SUPERINTENDENT
PHILIP C. SCHNEIDER.....ATTORNEY



GENERAL LOCATION MAP



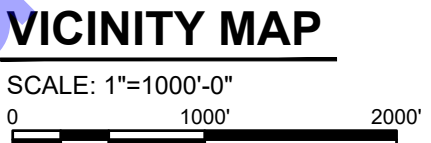
COMMONWEALTHTM
ENGINEERS, INC.
A wealth of resources to master a common goal.

QA/QC BY : CHRIS LIMCACO, P.E. 7/24/2025
DATE :

CERTIFIED BY : *John Wetzel* 7/29/2025
JOHN WETZEL, P.E. DATE :
INDIANA P.E. No. 19800122



CONTRACT NO. : W24183



DRAWING SET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
GENERAL DRAWINGS		
01	01	TITLE SHEET
02	G2	VICINITY MAP AND DRAWING INDEX
03	G3	GENERAL ABBREVIATIONS, SYMBOLS, LEGENDS AND NOTES
04	G4	WTP PROCESS FLOW SCHEMATIC
SITE DRAWINGS		
05	C1	EXISTING WTP SITE PLAN
PROCESS DRAWINGS		
06	D1	EXISTING WTP BUILDING FIRST FLOOR PLAN
07	D2-1	EXISTING WTP TREATMENT TRAIN PLAN VIEW
08	D2-2	EXISTING WTP TREATMENT TRAIN SECTION VIEW
09	D3-1	EXISTING WTP FILTER CELL PLAN, SECTION VIEWS AND DETAILS
10	D3-2	EXISTING WTP FILTERS UNI-CAST MONOLITHIC UNDERDRAIN DETAILS
PROCESS DEMOLITION DRAWINGS		
11	D4-1	EXISTING WTP FILTER CELLS #5 AND #7 DEMOLITION
12	D4-2	EXISTING WTP FILTER CELLS #5 AND #7 UNDERDRAIN DEMOLITION
PROCESS REHABILITATION DRAWINGS		
13	D5-1	EXISTING WTP FILTERS RESTORATION AND IMPROVEMENTS
14	D5-2	EXISTING WTP FILTERS RESTORATION AND IMPROVEMENTS

GENERAL ABBREVIATIONS

AB	AIR	FLD	FILTRATE DRAIN		MATERIAL
AFF	ANCHOR BOLT	FLG	FLANGE	P/L	PROPERTY LINE
ALT	ABOVE FINISH FLOOR	FL	FLUSHING LINE	POJ	PUSH ON JOINT
ALUM	ALTERNATE	FLR	FLOOR	PSF	POUNDS PER SQUARE FOOT
@	ALUMINUM	FM	FORCE MAIN	PSI	POUNDS PER SQUARE INCH
APP.	AT	FRP	FIBER REINFORCED PLASTIC	PVC	POLYVINYL CHLORIDE
ATT	APPARENT	FT	FEET OR FOOT	PW	POTABLE WATER
AUTO	AERATION TANK TRANSFER	FTG	FOOTING		
AVG	AUTOMATIC	FW	FINISHED WATER	R	RECIRCULATION
	AVERAGE			RAD	RADIUS
		G	GAS	RAS	RETURN ACTIVATED SLUDGE
B	BAFFLE	GALV	GALVANIZED	RCP	REINFORCED CONCRETE PIPE
BLDG	BUILDING	GEN	GENERAL	RD	ROOF DRAIN
BM	BENCH MARK	GRD	GROUND OR GRADE	REINF	REINFORCING
BOT	BOTTOM			REQ'D	REQUIRED
BRG	BEARING	HB	HOSE BIBB	R/W (ROW)	RIGHT-OF-WAY
		HORIZ	HORIZONTAL		
CFM	CUBIC FEET PER MINUTE	HP	HORSEPOWER	SAN	SANITARY
CL	CENTERLINE	HW	HOT WATER	SAS	SANITARY SEWER
CO	CLEAN OUT			SCH	SCHEDULE
COL/C	COLUMN	ID	INSIDE DIAMETER	SECT	SECTION
CONC	CONCRETE	IJ	ISOLATION JOINT	SF	SQUARE FEET
COP	COPPER	INV	INVERT	SHT	SHEET
CJ	CONSTRUCTION JOINT	IP	IRON PIN	SL	SAMPLE LINE
CW	COLD WATER			SOS	STORM SEWER
CY	CUBIC YARD	LAV	LAVATORY	SP	STOP PLATE
		LB	POUND	SQ	SQUARE
D	DRAIN	LL	LIVE LOAD	STD	STANDARD
DEC	DECANT	LLV	LONG LEG VERTICAL	S STL, SS	STAINLESS STEEL
DIA	DIAMETER	LTG	LIGHTING	STL	STEEL
DIM	DIMENSION			SUP	SUPERNATANT
DI	DUCTILE IRON PIPE	MAX	MAXIMUM	SY	SQUARE YARD
DL	DEAD LOAD	MCC	MOTOR CONTROL CENTER		
DSPT	DOWN SPOUT	MGD	MILLIONS GALLONS PER DAY	TOS	TOP OF SLAB
DWG	DRAWING	MH	MANHOLE	TOW	TOP OF WALL
		MIN	MINIMUM, MINUTE	TW	TERTIARY WATER
E	ELECTRICAL CONDUIT	MJ	MECHANICAL JOINT	TYP	TYPICAL
EA	EACH				
EF	EACH FACE	NC	NORMALLY CLOSED	V	VACUUM OR VALVE
EFFL	EFFLUENT	NG	NATURAL GAS	VAR	VARIES
EL	ELEVATION	NIC	NOT IN CONTRACT	VERT	VERTICAL
EW	EACH WAY	NO	NORMALLY OPEN		
EX	EXISTING	NO.	NUMBER	W	WEIR
EXF	EXHAUST FAN	NPW	NON-POTABLE WATER	W/	WITH
EXP JP	EXPANSION JOINT			W/O	WITHOUT
		OC	ON CENTER	WAS	WASTE ACTIVATED SLUDGE
F	FILTER	OD	OUTSIDE DIAMETER	WC	WATER CLOSET
FCAR	FLANGED COUPLING ADAPTER,	OPG	OPENING	WH	WATER HEATER
	RESTRAINED	OPP	OPPOSITE	WL	WATER LINE
FD	FLOOR DRAIN			WWF	WELDED WIRE FABRIC
FDN	FOUNDATION	PB	PULL BOX		
FH	FIRE HYDRANT	PE	POLYETHYLENE EXP. JT.	YH	YARD HYDRANT

GENERAL NOTES

1. ALL PROPERTY AND RIGHT-OF-WAY LINE INFORMATION SHOWN IN DRAWING SET ARE APPARENT AND SHALL NOT BE DEEMED EXACT LOCATIONS, UNLESS OTHERWISE NOTED. INFORMATION WAS OBTAINED VIA "INDIANA ON-LINE" GIS SHAPE FILES.
2. EXISTING UTILITY INFORMATION SHOWN IN DRAWING SET, MEETS "ASCE 36-02" QUALITY LEVEL **"D"**, UNLESS OTHERWISE NOTED.

UTILITY COORDINATION AND PROJECT DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.

UTILITY QUALITY LEVEL DESCRIPTIONS:

UTILITY QUALITY LEVEL A - PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATIONS OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. ACCURACY OF LOCATION MATCHES PROJECT SURVEY TOLERANCE.

UTILITY QUALITY LEVEL B - INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION SUBSURFACE UTILITIES. THE RELIABILITY OF THIS INFORMATION IS SURVEYED TO PROJECT CONTROL AND SUBJECT TO ACCURACY LEVELS OF THE GEOPHYSICAL TOLERANCE DEFINED BY THE PROJECT.

UTILITY QUALITY LEVEL C - INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE GROUND UTILITY FEATURES AND CORRELATING QUALITY LEVEL "D" INFORMATION.

UTILITY QUALITY LEVEL D - INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL RECOLLECTIONS.

UTILITY / PROJECT CONTACT INFORMATION

ELECTRIC / GAS:

HUNTINGBURG MUNICIPAL UTILITY
508 N. VAN BUREN ST.
HUNTINGBURG, IN 47542
PH: (812) 683-3622

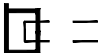
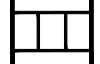
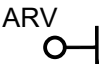
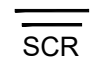
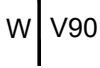
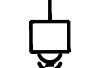
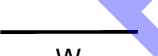
WATER:

CITY OF HUNTINGBURG
508 N. VAN BUREN ST.
HUNTINGBURG, IN 47542
PH: (812) 683-3622

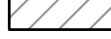
SEWER:

CITY OF HUNTINGBURG
1106 E. 2ND ST.
HUNTINGBURG, IN 47542
PH: (812) 683-3203

GENERAL SCHEMATIC LEGEND

	QUICK DISCONNECT		BOOSTER PUMP
	FLANGED SPOOL SECTION		AIR RELIEF VALVE
	PRESSURE REDUCER VALVE		FLOW METER
	FLANGED COUPLING ADAPTER		GATE VALVE
	BALL CHECK VALVE		FLOW CONTROL VALVE
	MOTOR ACTUATOR		VALVE
	FLEXIBLE CONNECTION		ECCENTRIC PLUG VALVE
	FLANGE FILLER & S.S. MESH SCREEN		CHECK VALVE
	90° V-NOTCH WEIR		INCREASER / REDUCER
	MAGNETIC FLOW METER		BUTTERFLY VALVE
	ULTRASONIC SENSOR		PIPE THROUGH FLOOR / WALL
	SUBMERSIBLE PUMP		BALL VALVE
	NEW PIPING AND EQUIPMENT		BLIND FLANGE OR PLUG
	EXISTING PIPING AND EQUIPMENT		HOSE BIBB
	FUTURE PIPING AND EQUIPMENT		STOP PLATE
			WEIR

HATCHING SYMBOLS

	- CMU WALL (PLAN VIEW)
	- GRANULAR BACKFILL (PROFILE VIEW)
	- DEMOLITION (CONTRACTOR SHALL REFER TO DETAILED SPECIFICATIONS)
	- GROUT
	- CONCRETE
	- STEEL
	- COMPACTED GRANULAR BACKFILL OR COMPACTED FOUNDATION
	- ABANDONED IN PLACE

DRAWING SET LEGEND

	EXISTING OVERHEAD TELEPHONE LINE		AC UNIT		TELEPHONE MANHOLE
	EXISTING GAS LINE AND VALVE		BOLLARD		TELEPHONE LINE MARKER
	EXISTING WATER LINE AND VALVE		BOULDER / LARGE ROCK		TRAFFIC MANHOLE
	EXISTING FIBER OPTIC LINE		CENTER LINE MONUMENT		WATER LINE MARKER
	EXISTING OVERHEAD ELECTRIC LINE		ROW MONUMENT		WATER METER
	EXISTING BURIED ELECTRIC		CONTROL POINT / BENCH MARK		VALVE
	EXISTING NON-POTABLE WATER LINE		DRILL HOLE		IRRIGATION CONTROL VALVE
	EXISTING POTABLE WATER LINE		MAIL BOX		FIRE HYDRANT
	EXISTING BURIED TELEPHONE LINE		FLAG POLE		FLUSH HYDRANT
	EXISTING FENCE		POST		YARD HYDRANT
	EXISTING RIGHT-OF-WAY		STUMP		WALL SPIGOT
	APPARENT RIGHT-OF-WAY		BUSH / HEDGE		EXISTING PIPE PLUG
	APPARENT PROPERTY LINE		DECIDUOUS TREE		STORM CATCH BASIN (SQUARE)
	EDGE OF ROAD		CONIFEROUS TREE		STORM CATCH BASIN (ROUND)
	EDGE OF ROAD WITH CURB		SIGN		STORM CURB INLET
	EXISTING MAJOR CONTOUR LINE		UTILITY LOCATE FLAG		STORM MANHOLE
	EXISTING MINOR CONTOUR LINE		GAS LINE MARKER		SANITARY MANHOLE
	NEW WATER LINE		GAS VALVE		SANITARY VALVE
	PROPOSED MAJOR CONTOUR LINE		GAS METER		CLEANOUT
	PROPOSED MINOR CONTOUR LINE		GUY POLE		VENT
			POWER POLE		NEW VALVE
			LIGHT POLE		NEW FIRE HYDRANT
			GUY WIRE		NEW FLUSH HYDRANT
			ELECTRIC METER		NEW WET SADDLE AND VALVE BODY
			ELECTRIC PANEL		NEW PLUG
			ELECTRIC TRANSFORMER		NEW LINE STOP
			HAND HOLE BOX		NEW CUT AND CAP
			FIBER OPTIC MARKER		NEW SANITARY MH
			TEL/TV PEDESTAL		



SR 64 (W. 6TH ST.) (Asphalt)

MASTER METER TO
DUFF WATER -

**COMMONWEALTH
ENGINEERS, INC.**
A division of Resources & Finance • Commonwealth

<https://commonwealthengineers.com/>


John Weitzel
Signature Date 7/29/2025

CITY OF HUNTINGBURG
DUBOIS COUNTY, INDIANA

WATER TREATMENT PLANT
FILTER CELL NO. 5 AND 7
REHABILITATION

© 2025 BY COMMONWEALTH
ENGINEERS, INC. ALL RIGHTS
RESERVED. REPRODUCTION
BY ANY METHOD IN WHOLE
OR IN PART WITHOUT
PERMISSION IS PROHIBITED

[illegible]

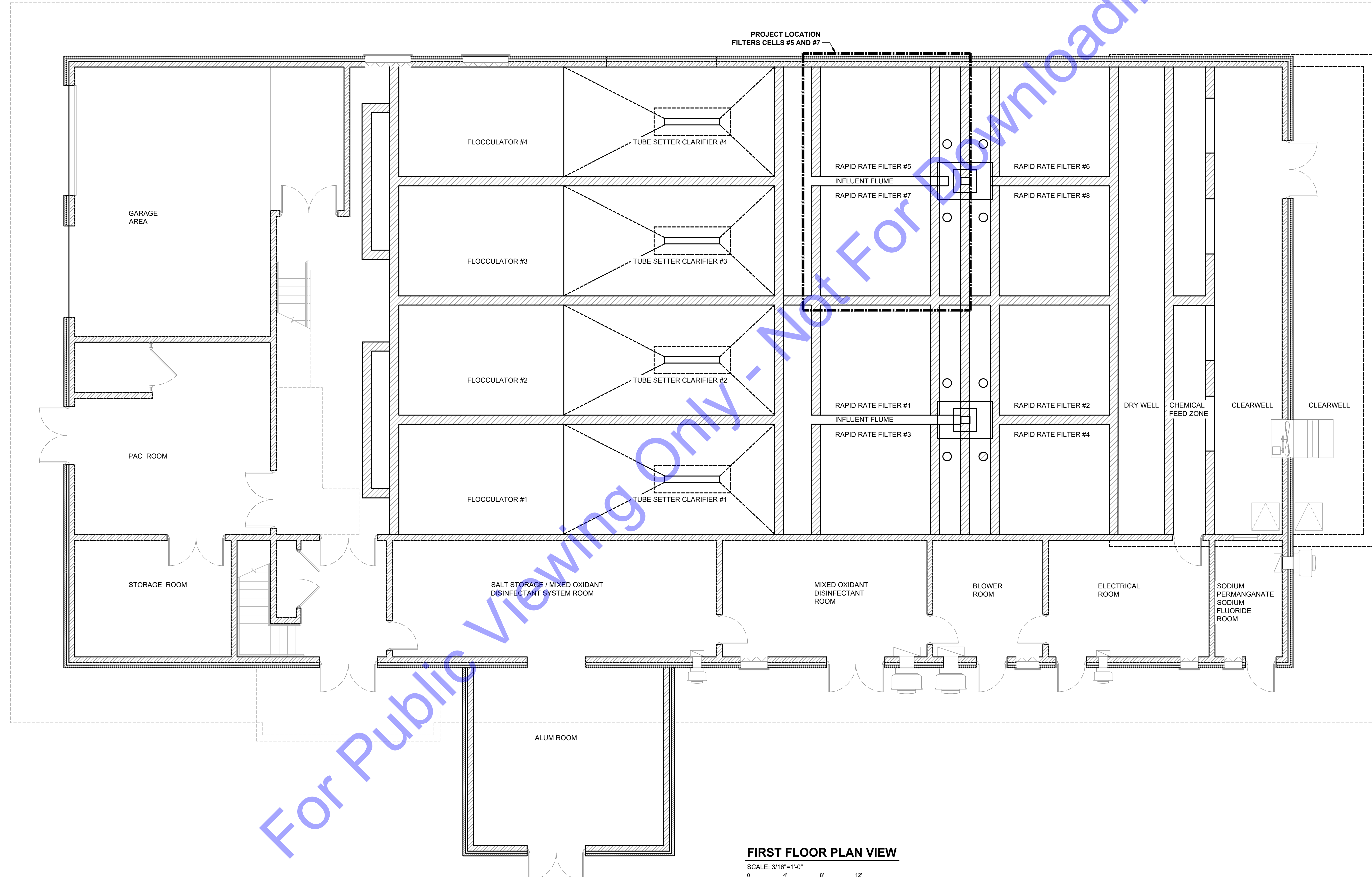
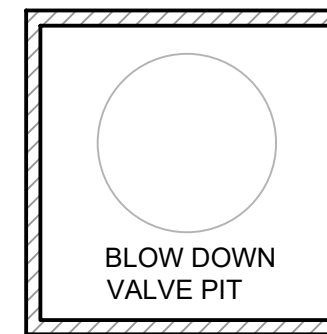
EXISTING WTP SITE
PLAN

Drawing No:
C1

Sheet: 05 OF 14

SITE PLAN

SCALE: 1"=50'-0"



File: Z:\SHARED\IN CLIENTS A-L\HUNTINGBURG\DWG\W24183 WTP FILTER CELL LEAK\AGE06 CADD\A CURRENT FILES\1 DRAWINGS\04-PROCESS DRAWINGS\DWG Saved: 7/28/2025 11:14:46 AM Plotted: 7/28/2025 11:15:57 AM Current User: George Rader LastSavedBy: gader





Signature John Witzel Date 7/29/2025

CITY OF HUNTINGBURG
DUBOIS COUNTY, INDIANA
WATER TREATMENT PLANT
FILTER CELL NO. 5 AND 7
REHABILITATION

© 2025 BY COMMONWEALTH ENGINEERS, INC. ALL RIGHTS RESERVED. REPRODUCTION BY ANY METHOD IN WHOLE OR IN PART WITHOUT PERMISSION IS PROHIBITED

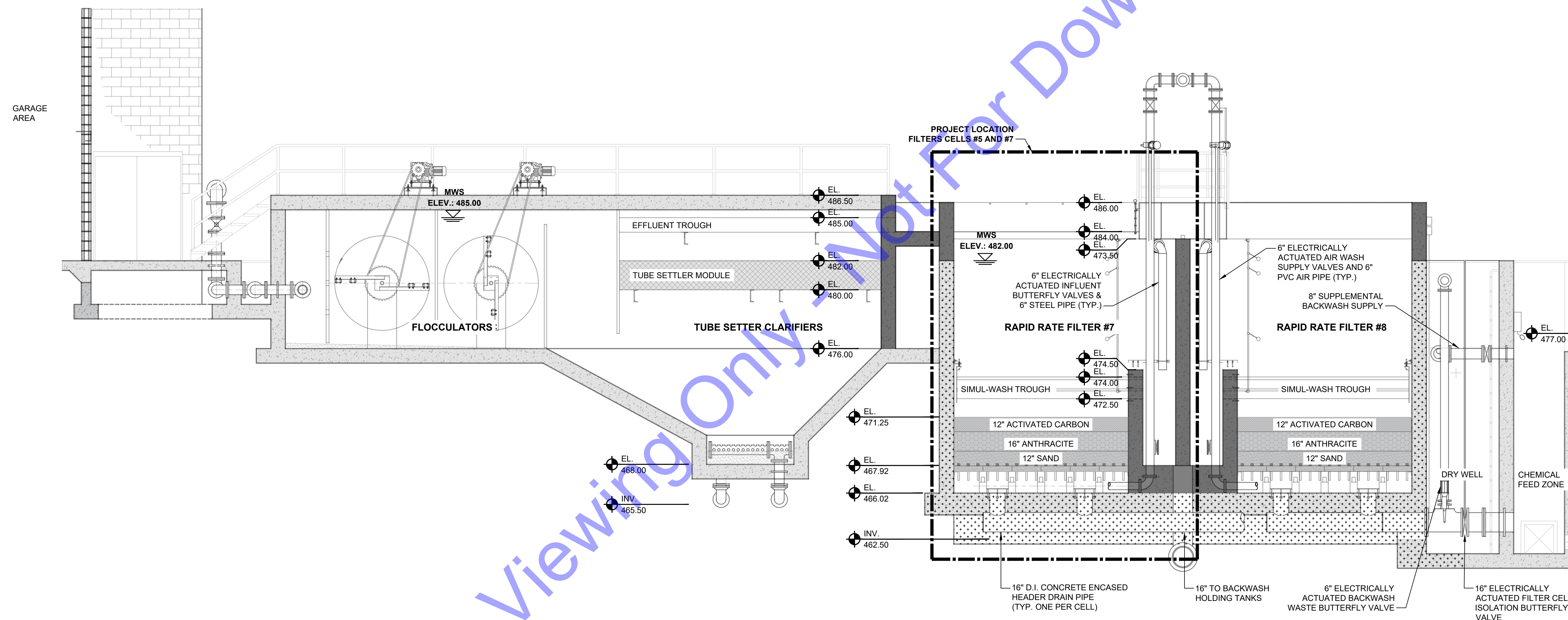
[illegible]

Designed By: JWW	Drawn By: KJG	Checked By: CAL
Issue Date: 7/29/2025	Project No: W24183	Scale: AS SHOWN

EXISTING WTP
TREATMENT TRAIN
SECTION VIEW

Drawing No:
D2-2

Sheet: 08 OF 14



LEGEND:

CONCRETE FILTER WALLS / SLABS CONSTRUCTED IN 2020

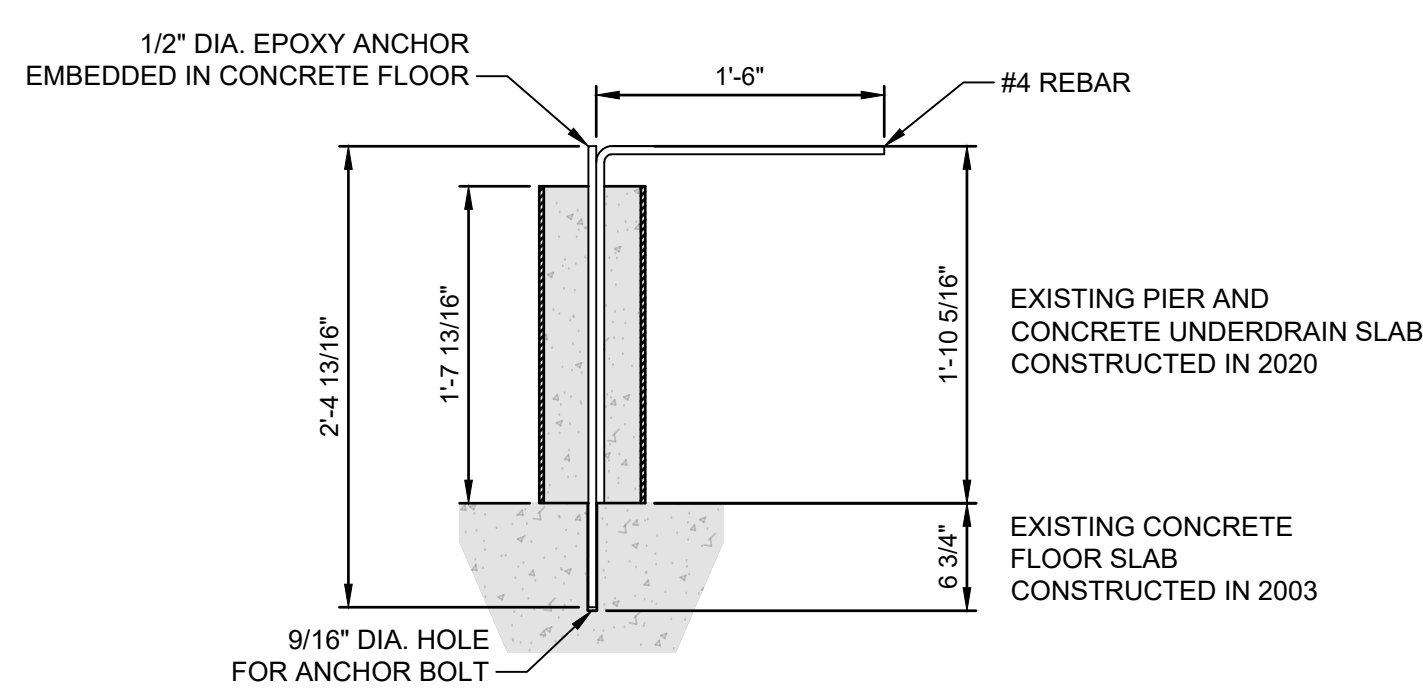
CONCRETE FILTER WALLS / SLABS CONSTRUCTED IN 2003

TREATMENT TRAIN SECTION

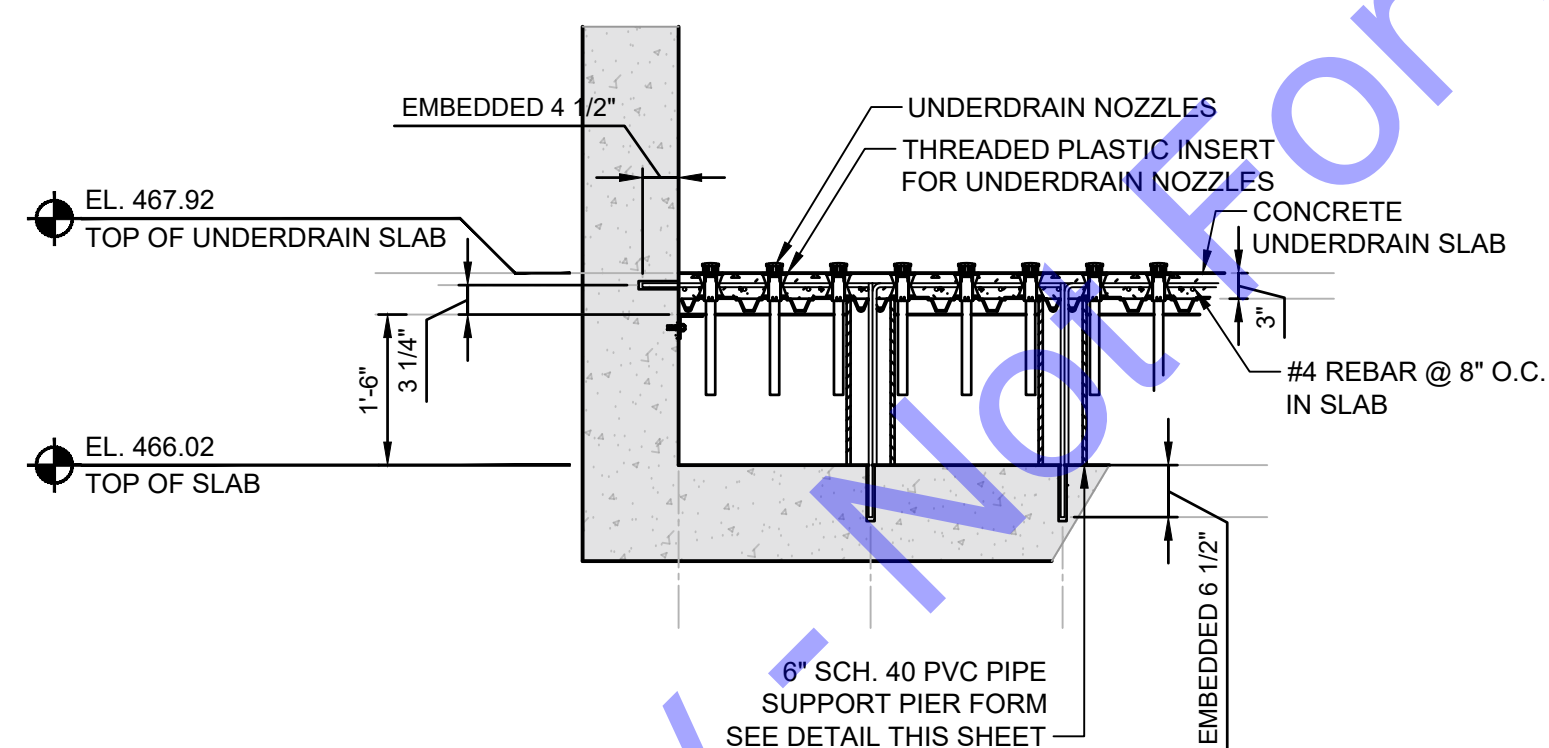
SCALE: 1/4"=1'-0"

1

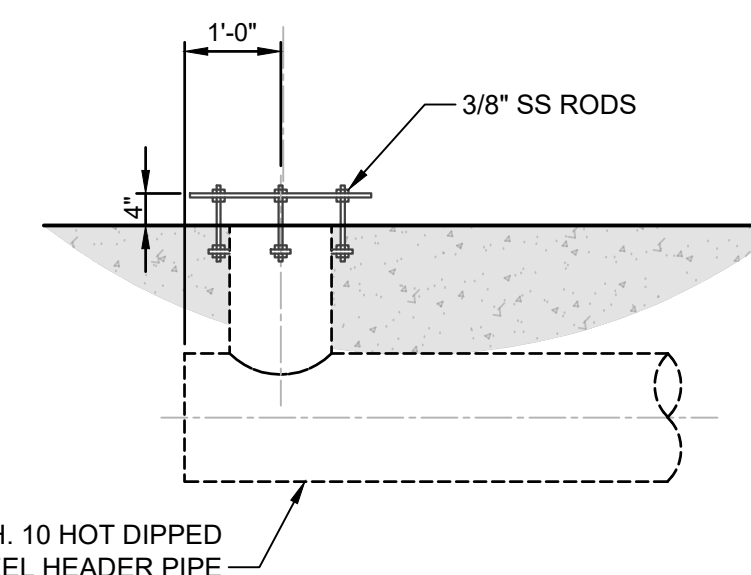
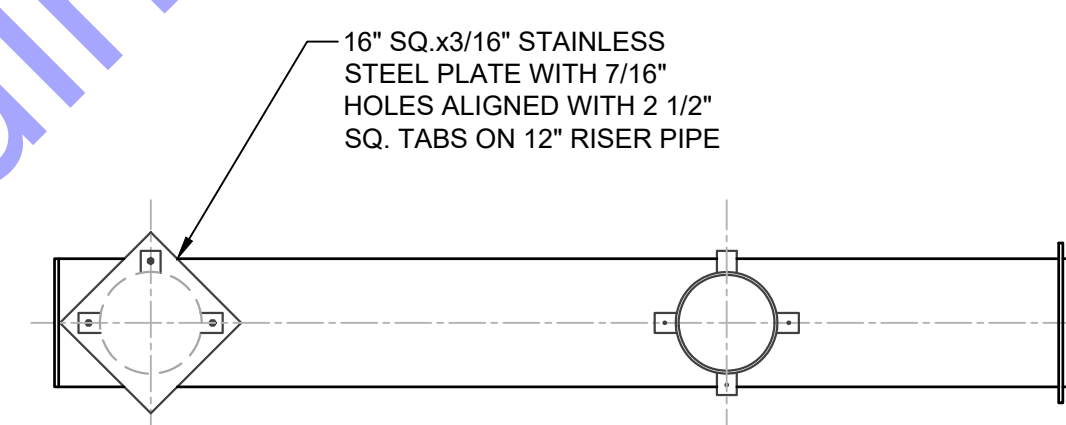
D2



SCALE: 1"=1'-0"



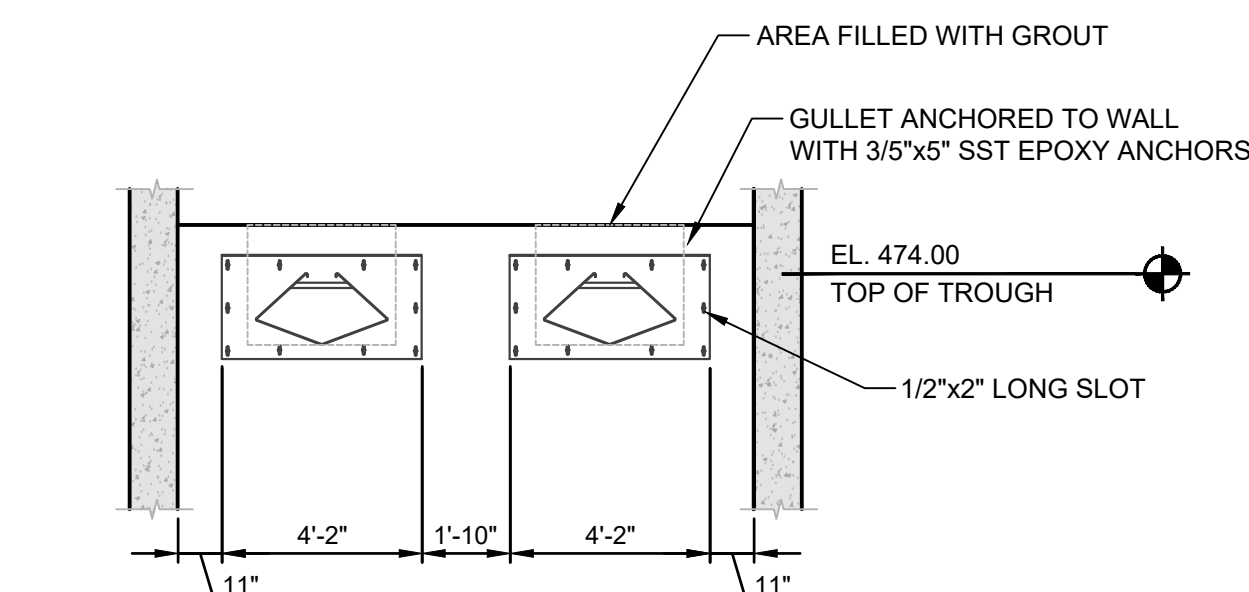
SCALE: $1/2"=1'-0"$



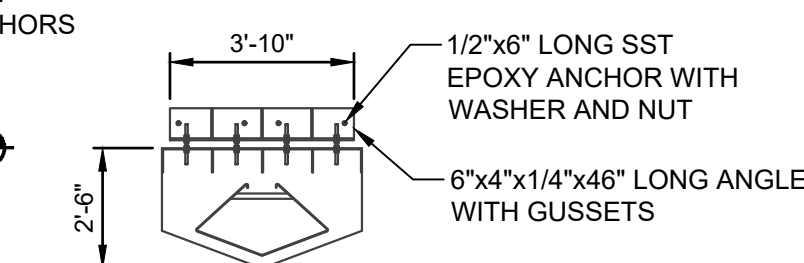
SCALE: 1/2"=1'-0"

0 1' 2'

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

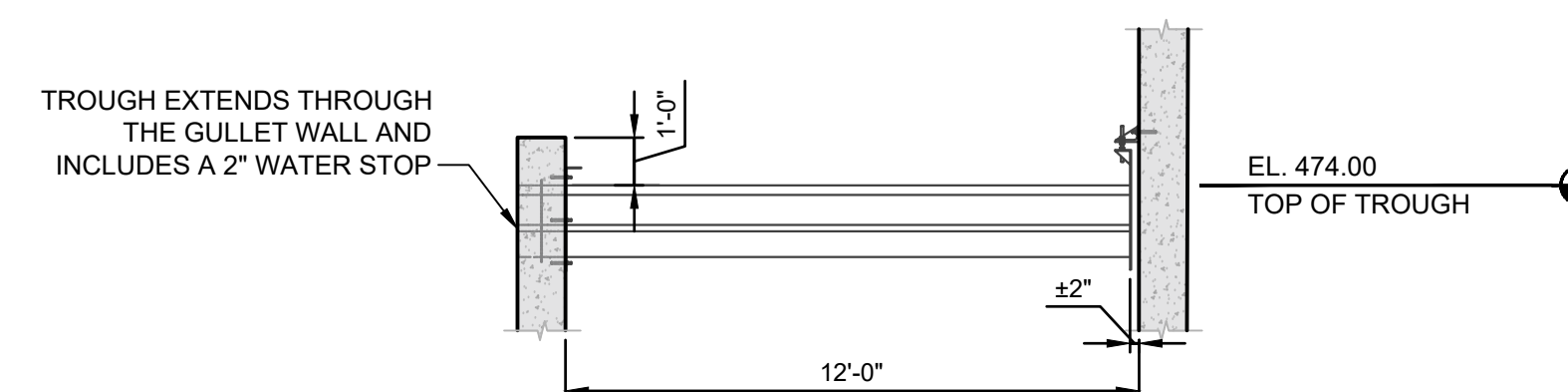


SCALE: 1/4"=1'-0"

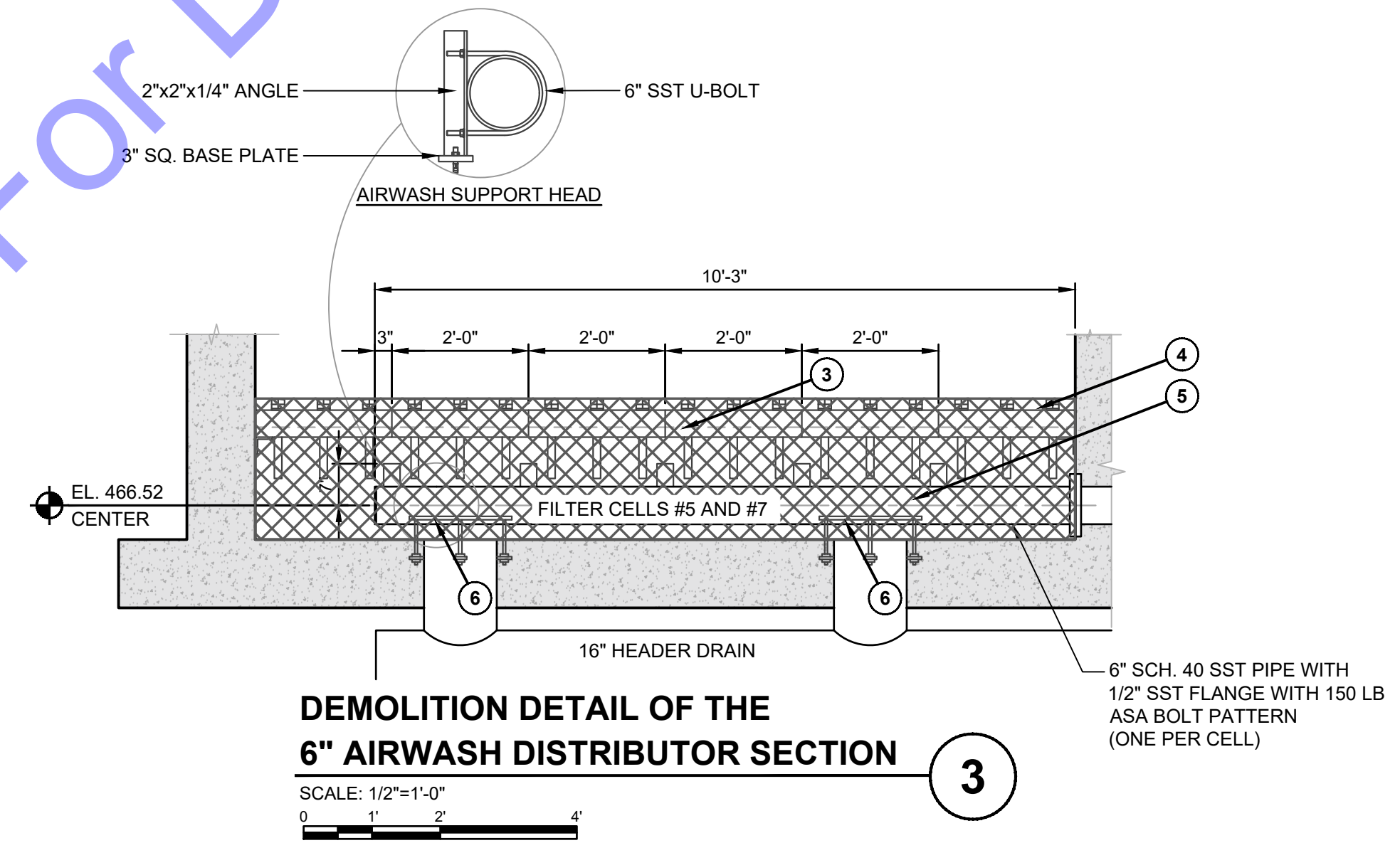
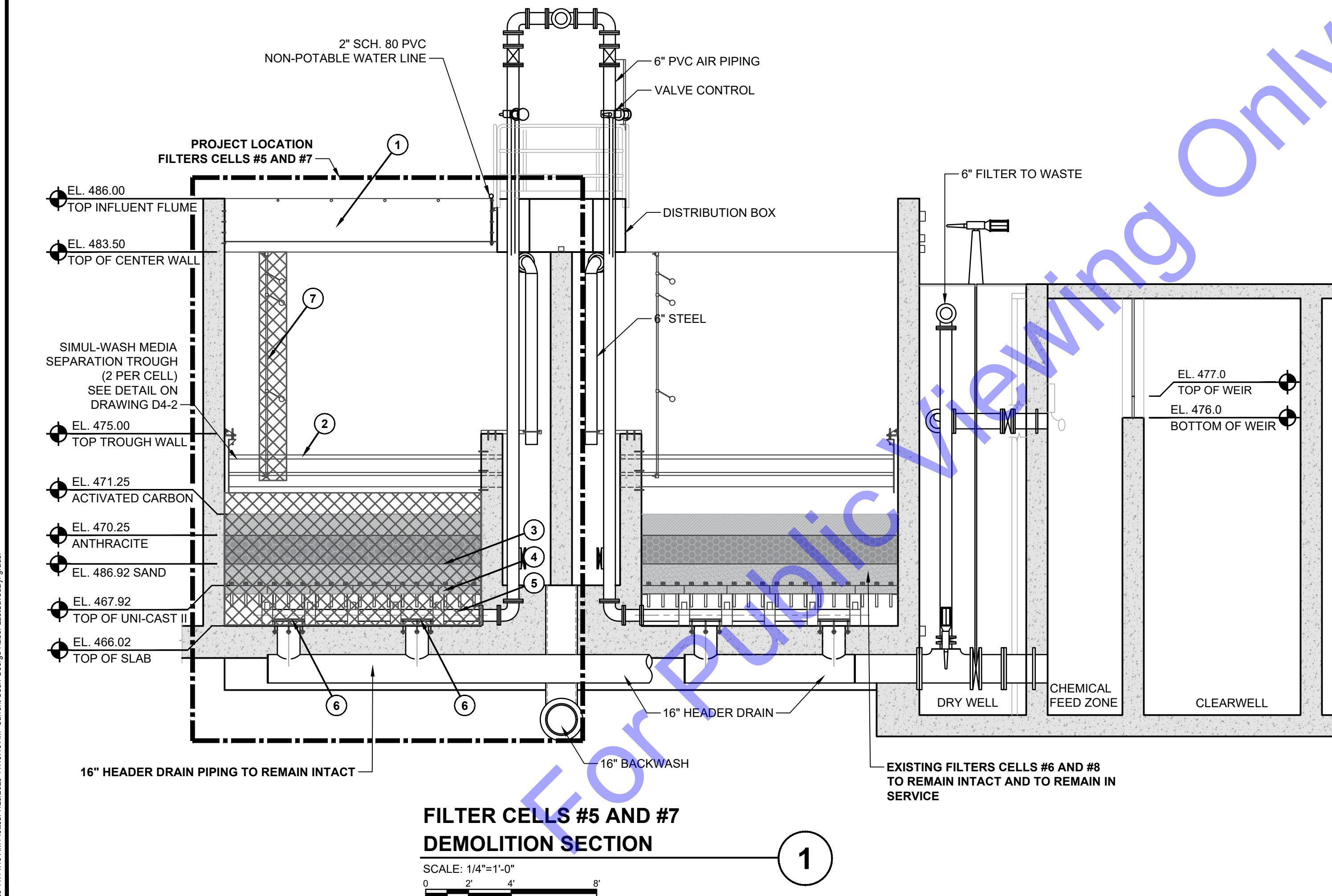


SCALE: 1/4"=1'-0"

0 2' 4'



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

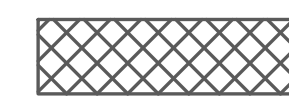


- DEMOLITION NOTES:**
1. INFLUENT FLUME SHALL REMAIN IN SERVICE DURING ENTIRETY OF THE DEMOLITION AND REHABILITATION PROCESS
 2. SIMUL-WASH MEDIA SEPARATION TROUGHS TO BE REMOVED AND REUSED. THE TROUGHS ARE EMBEDDED / GROUTED INTO THE GULLET WALL. EXISTING ANCHORS, HARDWARE AND GROUT SHALL BE REMOVED ON THE GULLET WALL PRIOR TO REMOVAL OF THE TROUGH. ON THE OUTER WALL, THE WALL BRACKETS, ANGLES WITH GUSSETS, ANCHORS, WASHER AND NUTS MAY REMAIN IN PLACE DURING THE REHABILITATION PROCESS. HARDWARE MAY BE REUSED IF NOT DAMAGED DURING DEMOLITION. ANY NEW HARDWARE MUST BE STAINLESS STEEL TYPE 316.
 3. FILTER MEDIA (ACTIVATED CARBON, ANTHRACITE AND SAND) SHALL BE REMOVED AND DISPOSED.
 4. UNI-CAST II MONOLITHIC UNDERDRAIN SYSTEM (CONCRETE UNDERDRAIN SLAB, UNDERDRAIN NOZZLES, THREADED PLASTIC INSERTS, REBAR AND SLAB SUPPORT PIERS) SHALL BE REMOVED AND DISPOSED. SEE DRAWING NO. D4-2 FOR ADDITIONAL INFORMATION.
 5. 6" AIRWASH DISTRIBUTOR PIPE SHALL BE REMOVED AND DISPOSED. REMOVE PIPE FROM SST FLANGE NEAR GULLET WALL.
 6. 16" SQ. STAINLESS STEEL BAFFLE PLATES AND BOLTS SHALL BE REMOVED AND DISPOSED. 3/8" STAINLESS STEEL RODS MAY REMAIN IN PLACE IF NOT DAMAGED DURING DEMOLITION.
 7. FILTER LEVEL FLOAT SWITCHES AND LEVEL TRANSMITTER SHALL BE REMOVED AND REUSED.
 8. OWNER HAS RIGHTS TO ALL DEMOLISHED MATERIALS. CONTRACTOR IS TO COORDINATE WITH OWNER REGARDING ITEMS TO BE SALVAGED PRIOR TO DEMOLITION. SALVAGED MATERIALS SHALL BE STORED ONSITE AS DIRECTED BY OWNER.
 9. DISPOSAL OF DEMOLISHED MATERIALS SHALL COMPLY WITH ALL CITY OF HUNTINGBURG, STATE AND FEDERAL REGULATIONS.

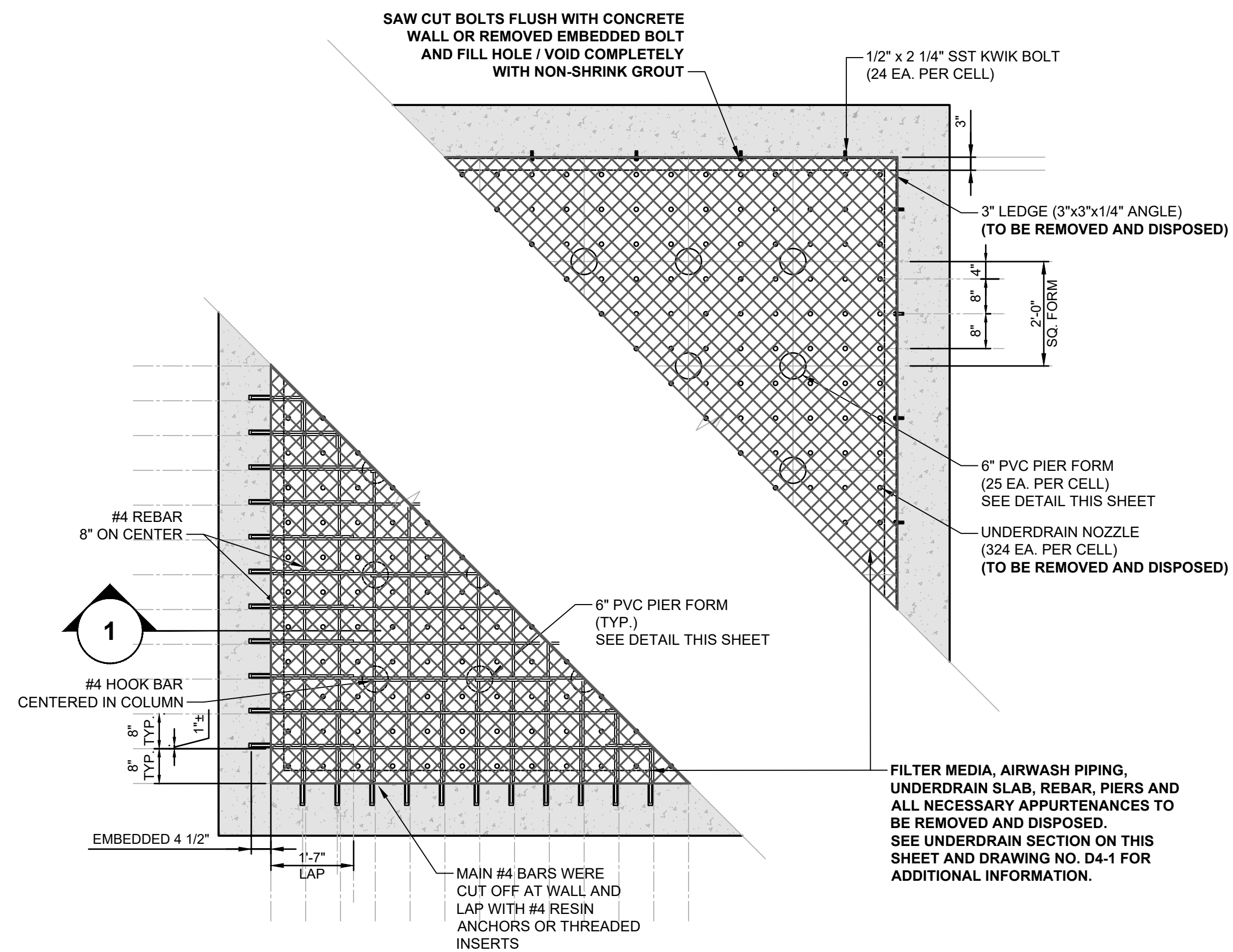
GENERAL NOTES:

CONTRACTOR(S) IS RESPONSIBLE FOR PROVIDING DUST/DEBRIS CONTROL AROUND FILTER CELLS #5 AND #7 AT ALL TIMES DURING THE DEMOLITION AND REHABILITATION PROCESS TO PREVENT DUST/DEBRIS FROM ENTERING OTHER PORTIONS OF THE WATER TREATMENT PLANT. ALL OTHER WATER TREATMENT PLANT PROCESSES (FLOCCULATORS, TUBE SETTLER CLARIFIERS, FILTER CELLS 1 THRU 4, 6 AND 8, CLEARWELL, CHEMICAL FEED SYSTEMS AND ALL RELATED APPURTENANCES) SHALL REMAIN IN SERVICE DURING THE ENTIRETY OF THE DEMOLITION AND REHABILITATION PROCESS.

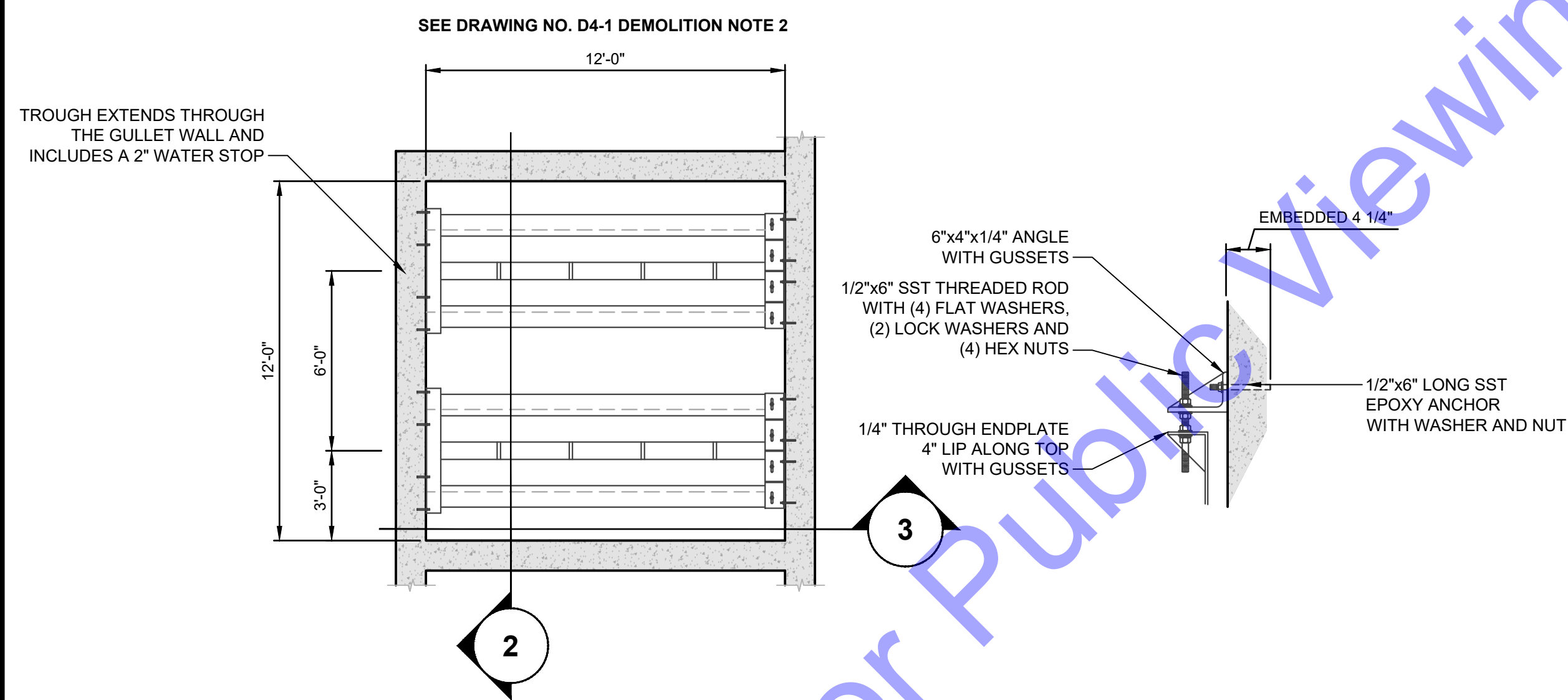
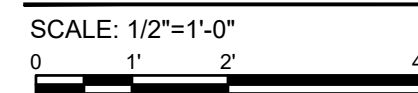
LEGEND:



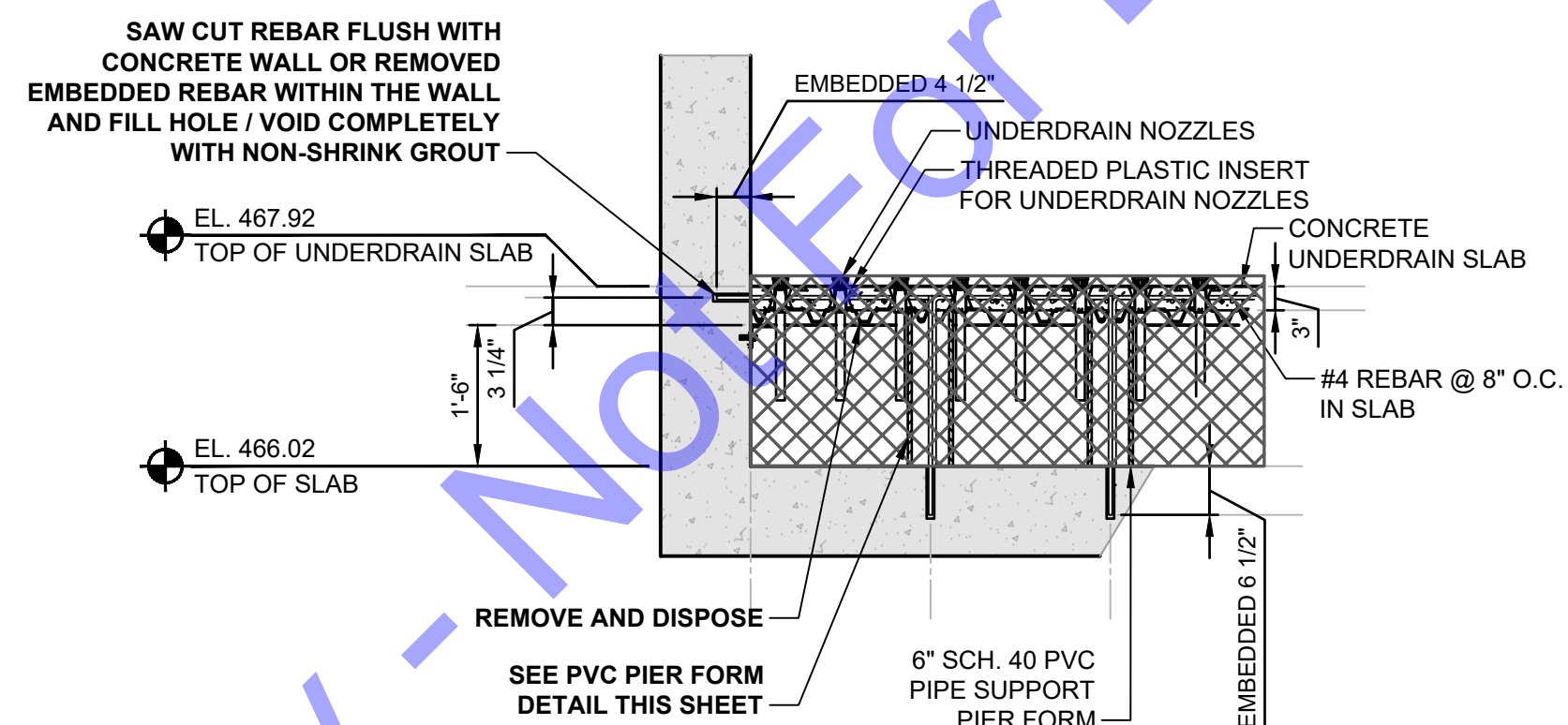
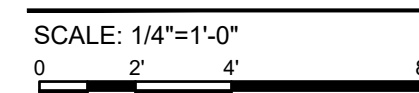
DEMOLITION (CONTRACTOR SHALL REFER TO DETAILED SPECIFICATIONS)



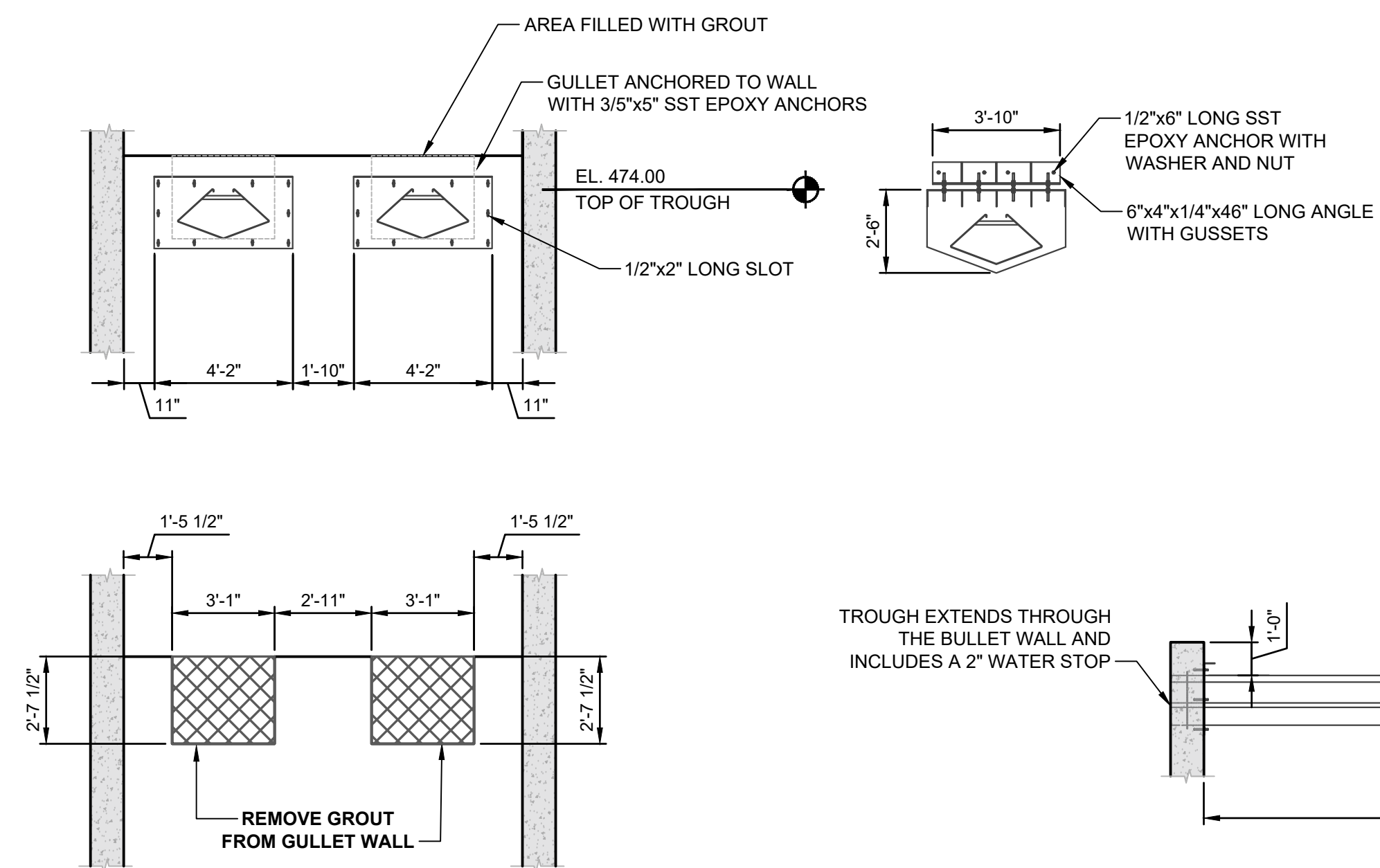
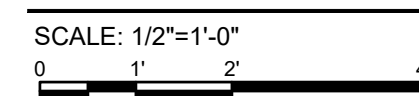
FILTER CELLS #5 AND #7 UNDERDRAIN SYSTEM DEMOLITION



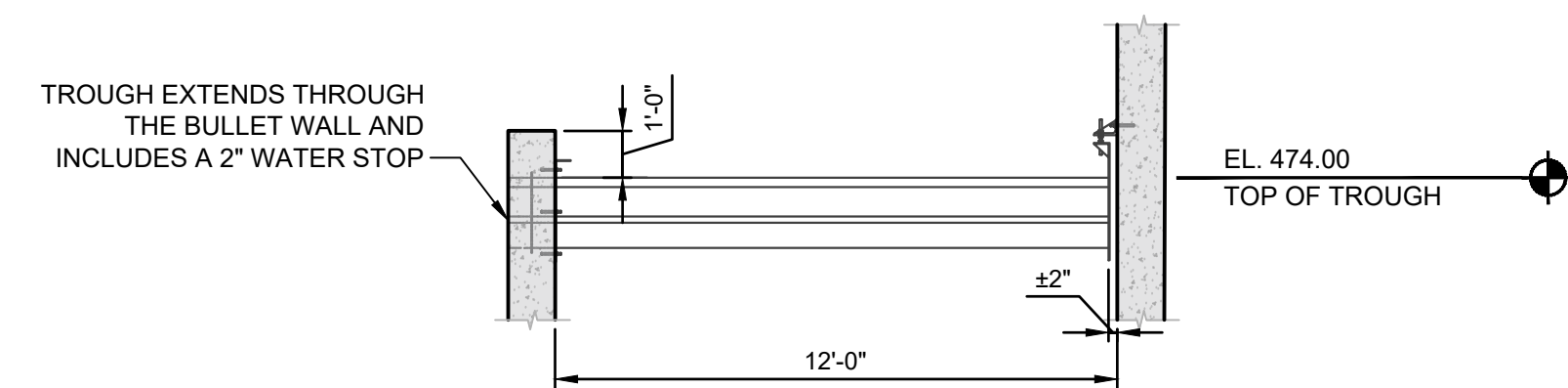
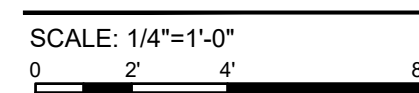
SIMUL-WASH MEDIA SEPARATION TROUGH PLAN



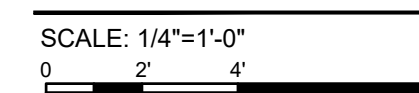
UNDERDRAIN SECTION



SIMUL-WASH MEDIA SEPARATION TROUGH SECTION



SIMUL-WASH MEDIA SEPARATION TROUGH SECTION



LEGEND:



DEMOLITION (CONTRACTOR SHALL REFER TO DETAILED SPECIFICATIONS)

[illegible]

Designed By: JWW	Drawn By: KJG	Checked By: CAL
Issue Date: 7/29/2025	Project No: W24183	Scale: AS SHOWN



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



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



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

1. EXISTING CONCRETE SURFACES, IN AREAS TO BE LINED / COATED, SHALL BE REPAIRED AND HAVE SURFACE PREPARATION COMPLETED IN ACCORDANCE WITH DETAILED SPECIFICATION SECTIONS 14, 15, AND 16.
2. ALL NEW REBAR AND ANCHOR BOLTS TO BE EMBEDDED IN THE EXISTING FILTER WALLS AND SLAB SHALL BE PLACED PRIOR TO PLACEMENT OF THE LINING/COATING, THE 3" LEDGE (3"x3"x1/4" ANGLE) AND BOLTS SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF THE LINING/COATING.
3. UPON COMPLETION OF PROPER SURFACE PREPARATION, INSTALL THE LINING / COATING ON THE EXISTING CONCRETE SLABS AND WALLS IN ACCORDANCE WITH DETAILED SPECIFICATION SECTION 15 (BASE BID) OR SECTION 16 (MANDATORY ALTERNATE 1 BID).
4. AFTER PROPER CURE TIME OF THE LINING / COATING, HYDROSTATIC TESTING OF EACH INDIVIDUAL FILTER CELL SHALL BE IN ACCORDANCE WITH DETAILED SPECIFICATIONS SECTION 17.
5. AFTER SUCCESSFUL HYDROSTATIC TESTING, INSTALL THE 16" SQ. STAINLESS STEEL BAFFLE PLATES OVER THE HEADER DRAIN INFLUENT OPENINGS (TWO PER FILTER CELL).
6. INSTALL NEW 6" AIRWASH DISTRIBUTOR PIPE (6" SCH. 40 SST PIPE WITH 1/2" SST FLANGE (ONE PER CELL).
7. INSTALL NEW UNI-CAST MONOLITHIC UNDERDRAIN SYSTEM (CONCRETE UNDERDRAIN SLAB, CONCRETE AND REBAR, UNDERDRAIN NOZZLES, THREADED PLASTIC INSERTS, PIPE SUPPORT PIERS, AND ALL NECESSARY APPURTENANCES) IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
8. AFTER INSTALLATION OF THE UNDERDRAIN SYSTEM, HYDROSTATIC TESTING OF THE FILTER CELLS SHALL BE IN ACCORDANCE WITH DETAILED SPECIFICATION SECTION 17.
9. RE-INSTALL THE PREVIOUSLY REMOVED, EXISTING SIMUL-WASH MEDIA SEPARATION TROUGHS, FILTER LEVEL FLOAT SWITCHES AND LEVEL TRANSMITTER.
10. INSTALL NEW FILTER MEDIA (ACTIVATED CARBON, ANTHRACITE AND SAND) PER MANUFACTURERS RECOMMENDATIONS AND IN ACCORDANCE WITH AWWA STANDARD B100. THE CONTRACTOR IS RESPONSIBLE FOR DELIVERY AND STORAGE OF THE MEDIA. THE MEDIA SHALL NOT BE SUBJECTED TO FREEZING UNDER ANY CONDITIONS.
11. AFTER MEDIA INSTALLATION AND SKIMMING, IT SHALL BE BACKWASHED AND PREPARED FOR SERVICE IN ACCORDANCE WITH AWWA STANDARD B100. ALL COSTS FOR THE TESTING AND DISINFECTION OF THE FILTER CELLS SHALL BE BORNE BY THE CONTRACTOR. THE OWNER MAY HELP IN SCHEDULING / DELIVERY OF THE SAMPLES TO THE TEST LAB. DISINFECTION SHALL BE IN ACCORDANCE WITH AWWA STANDARD C653.

CONTRACTOR(S) IS RESPONSIBLE FOR PROVIDING DUST/DEBRIS CONTROL AROUND FILTER CELLS #5 AND #7 AT ALL TIMES DURING THE DEMOLITION AND REHABILITATION PROCESS TO PREVENT DUST/DEBRIS FROM ENTERING OTHER PORTIONS OF THE WATER TREATMENT PLANT. ALL OTHER WATER TREATMENT PLANT PROCESSES (FLOCCULATORS, TUBE SETTLER CLARIFIERS, FILTER CELLS 1 THRU 4, 6 AND 8, CLEARWELL, CHEMICAL FEED SYSTEMS AND ALL RELATED APPURTENANCES) SHALL REMAIN IN SERVICE DURING THE ENTIRETY OF THE DEMOLITION AND REHABILITATION PROCESS.

