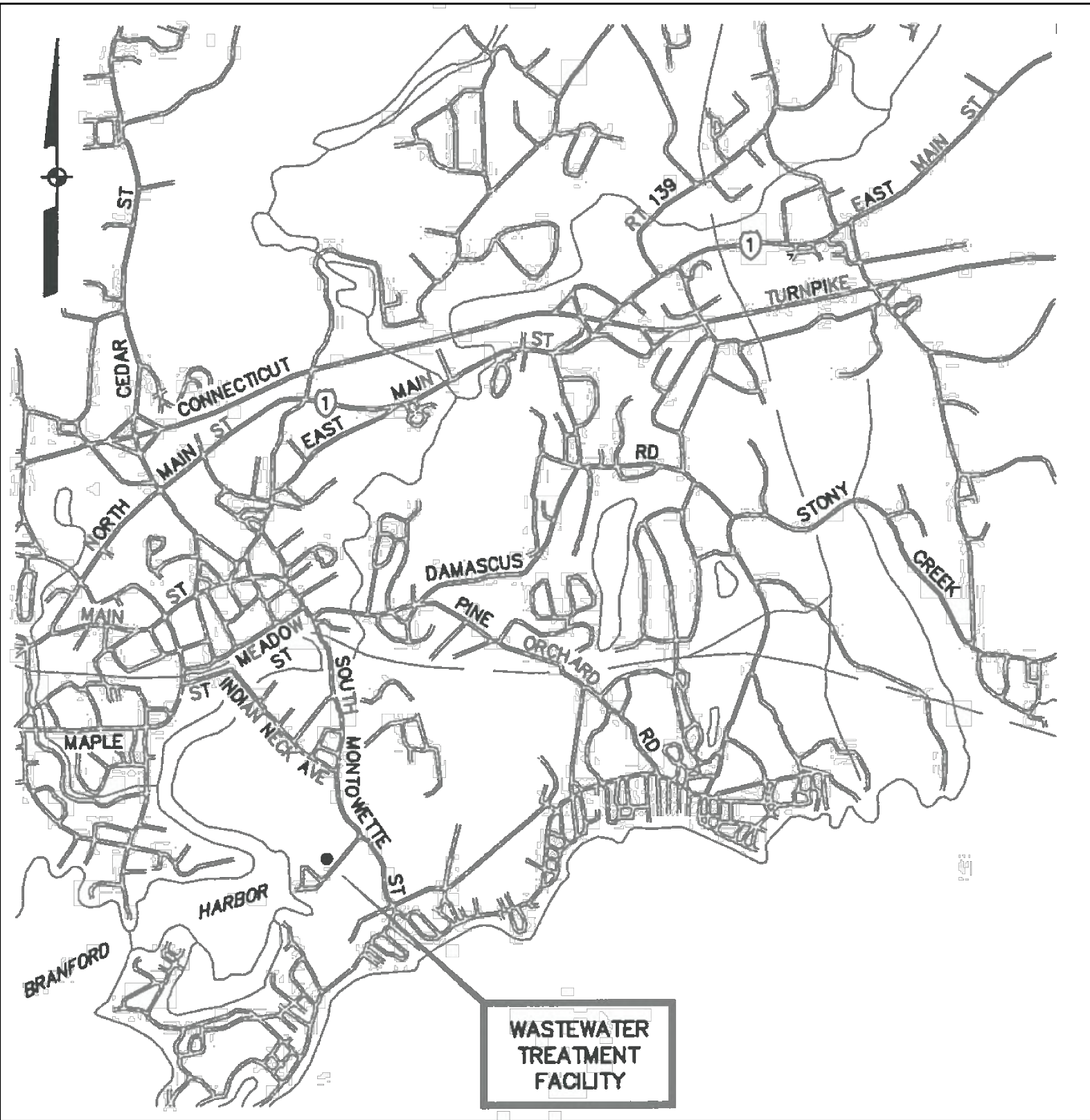


CONSTRUCTION PLANS
– for –
MECHANICAL SCREEN ADDITION
BRANFORD, CONNECTICUT
APRIL 2021
CONTRACT 42



LOCATION MAP
SCALE: NONE

LIST OF DRAWINGS

- 00 G-001 COVER SHEET
- 00 D-001 PROCESS LEGEND, NOTES, ABBREVIATIONS AND SCHEDULES
- 00 D-101 PRETREATMENT BUILDING LOWER AND UPPER PART PLANS
- 01 D-301 PRETREATMENT BUILDING SECTIONS
- 00 E-001 ELECTRICAL LEGEND
- 00 E-002 SINGLE LINE DIAGRAM
- 01 E-101 PRETREATMENT BUILDING LOWER AND UPPER PART PLANS
- 01 E-102 PRETREATMENT BUILDING GROUND FLOOR POWER PLAN – EL 113.0



PROJECT
CONTRACT 42
MECHANICAL SCREEN
ADDITION

OWNER
TOWN OF BRANFORD
75 BLOCK ISLAND ROAD
BRANFORD, CT 06405

ENGINEER
AECOM TECHNICAL SERVICES, INC.
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067, USA
PHONE: (860) 263-5800
www.aecom.com

CONSULTANTS

REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER

60625689

Designed By:	J. BOUDREAU
Drawn By:	M. THIBODEAU
Dept Check:	C. GALLIGAN
Proj Check:	D. SETZKO
Date:	APRIL 2021
Scale:	AS NOTED

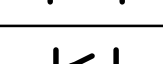
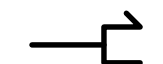
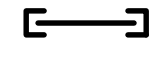
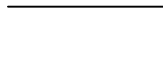
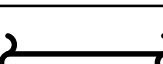
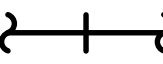
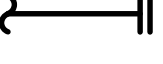
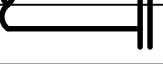
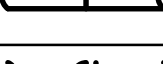
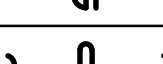
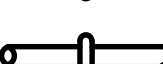
DISCIPLINE

GENERAL
SHEET TITLE

COVER SHEET

SHEET NUMBER

00 G-001

DWG. ABBREV.	ITEM	SYMBOL
	GATE VALVE	
	KNIFE VALVE	
	PLUG VALVE	
	BUTTERFLY VALVE	
	BALL VALVE	
	CHECK VALVE	
	BALL CHECK VALVE	
HG	HOSE GATE	 HG
	UNION	
	QUICK DISCONNECT COUPLING	
SG	SLIDE GATE	
SL	STOP LOG	
	EXISTING PIPE & FACILITIES	
	PROPOSED PIPE & FACILITIES	
	PIPE: 6" & SMALLER	
	FLANGE	
BF	BLIND FLANGE	 BF
	WELDED	
PO	MECHANICAL JOINT	 PO
	GROOVED COUPLING (PIPE 6" & SMALLER)	
	GROOVED COUPLING (PIPE 8" & LARGER)	
	SLEEVE COUPLING	

PROCESS PIPING SCHEDULE																					
	SYSTEM DESIGN CONDITIONS					PIPING					INSULATION		VALVING			TEST REQUIREMENTS				SPEC. SECTION	REMARKS
LEGEND	SYSTEM	TEMP. (DEG. F)		PRESSURE (PSI)		MATERIAL	DIAMETER RANGE	SCH./ CLASS	LINING/COATING	JOINT TYPE	TYPE	THICKNESS (IN.)	BLOCK	CHECK	THROTTLING	PRESSURE (PSI)	MEDIUM	TEST DURATION (MIN.)	LEAKAGE ALLOWANCE (SEE NOTES)		
		OPER.	MAX.	WORK.	MAX.																
D	DRAIN	50–80	120	ATM	10	PVC	ALL	80	---	FLANGED/SOLVENT WELDED	---	---	---	---	---	5	WATER	60	NONE	15370	SEE NOTE 6
PW	PLANT WATER	50–70	120	50–80	100	316L S.S. DUCTILE IRON	3" AND SMALLER 4" AND LARGER	10S CLASS 53	--- CEMENT	FLANGED/GROOVED/WELDED FLANGED/GROOVED	---	---	BALL/GATE	---	---	150	WATER	60	NONE	15370 02615	SEE NOTE 7

- PROCESS PIPING NOTES:
1. PIPING SCHEDULE ABOVE REFERS TO MECHANICAL PROCESS PIPING ONLY. REFER TO OTHER DISCIPLINES FOR ANY NON-PROCESS PIPING SHOWN AS BACKGROUND INFORMATION ON THE MECHANICAL DRAWINGS AND FOR CONTINUATION OF PIPING BEYOND MECHANICAL DISCIPLINE LIMITS OF WORK.

2. TEST VENTS AND DRAINS TO SAME PRESSURE AS SYSTEM.

3. FOR OPEN PIPING, FILL VENT WITH WATER AND TEST FOR LEAKS.
4. USE TYPE 316L S.S. PIPE FOR DRAINS FROM DUCTILE IRON SERVICE FOR DRAINS 3" AND SMALLER.

5. PROVIDE FLANGES AT EQUIPMENT, VALVES AND AS INDICATED ON THE DRAWINGS.

6. COAT WITH 2 COATS OF TNE MEC SERIES 66HS, 5–7 MILS PER COAT.
7. COAT WITH 1 COAT OF TNE MEC SERIES 66HS FOLLOWED BY 2 COATS OF TNE MEC SERIES 161HS, 6–8 MILS PER COAT. PRIME PER SPECIFICATION.

8. PROVIDE STAINLESS STEEL PIPE SUPPORTS.

GENERAL NOTES:

1. EQUIPMENT AND SYSTEMS DIMENSIONS, LOCATIONS AND PIPING SYSTEM LAYOUTS ARE BASED ON EQUIPMENT SELECTED BY THE ENGINEER. IF CONTRACTOR PROPOSES TO PROVIDE EQUIPMENT THAT REQUIRES AN ARRANGEMENT OR SPACING DIFFERING FROM THAT INDICATED OR SPECIFIED, THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE ENGINEER FOR REVIEW DETAILED ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, INSTRUMENTATION HVAC AND ELECTRICAL DRAWINGS AND EQUIPMENT LISTS SHOWING ALL NECESSARY CHANGES AND EMBODYING ALL FEATURES OF THE EQUIPMENT AND/OR PROCESS SYSTEMS PROPOSED. THIS INFORMATION SHALL INCLUDE BUT NOT BE LIMITED TO PLANS, SECTIONS DETAILS AND SCHEMATICS OF ALL PIPING SYSTEMS AND APPURTENANCES REQUIRED, ELECTRICAL CONTROLS, CHEMICAL FEED SYSTEMS ETC.. SUCH CHANGES IF APPROVED BY THE ENGINEER SHALL BE AT NO ADDITIONAL COST TO THE OWNER AND NO TIME EXTENSION TO THE CONTRACT TIME TO COMPLETION. THE CONTRACTOR SHALL ASSUME THE COST OF AND THE RESPONSIBILITY FOR ACCOMPLISHING ALL THE NECESSARY CHANGES CORRESPONDING TO THE DIMENSIONS AND CHARACTERISTICS OF THE EQUIPMENT SUBMITTED AND APPROVED BY THE ENGINEER. REFER TO SPECIFICATIONS FOR FURTHER DETAILS.
2. THE CONTRACTOR SHALL MAKE ALL REQUIRED FIELD MEASUREMENTS TO VERIFY EXISTING AND CONTRACT INTERFACE DIMENSIONS, LOCATIONS, AND OTHER CONDITIONS.
3. WHEN MAKING NEW CONNECTIONS TO EXISTING PIPING, THE CONTRACTOR MAY, AT HIS OPTION:

A. REPLACE PIPING BACK TO NEAREST FITTING.

B. USE RESTRAINED SLEEVE COUPLING OR FLANGE ADAPTERS.

C. USE GROOVED COUPLINGS, PROVIDED EXISTING PIPES WALL THICKNESS COMPLIES WITH SPECIFIED LIMITS.

D. USE BOLTED SPLIT SLEEVE COUPLINGS.
4. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR COVER PLATES, HATCHES, GRATING, AND RAILING DETAILS.
5. PROVIDE EXPANSION JOINTS WITH CONTROL RODS FOR ALL EXPOSED PIPING CROSSING STRUCTURAL EXPANSION JOINTS.
6. ALL DIMENSIONS LOCATING EQUIPMENT ARE FROM FINISHED WALL SURFACES OR COLUMN CENTERLINES.
7. REFER TO INSTRUMENTATION DRAWINGS FOR INSTRUMENTATION AND CONTROL SYSTEMS. INSTRUMENT LOCATIONS ARE INDICATED ON MECHANICAL-PROCESS DRAWINGS IN APPROXIMATE LOCATION ONLY.
8. IN-LINE INSTRUMENTATION SHALL BE PROVIDED WITH ISOLATED PRESSURE TAPS, SEE INSTRUMENTATION DRAWINGS.
9. WALL AND FLOOR SLEEVES SHALL BE LARGE ENOUGH TO ACCOMMODATE FLANGES IF REQUIRED. FLOOR SLEEVES SHALL PROJECT AT LEAST 4-IN. ABOVE FINISHED FLOOR UNLESS OTHERWISE SHOWN, REFER TO DETAILS. IF SLEEVES ARE TO BE SEALED, PROVIDE GROOVED COUPLING PIPING CONNECTION TO FACILITATE INSTALLATION AND REMOVAL OF PIPING.
10. ALL PIPE PENETRATIONS THROUGH INTERIOR AND EXTERIOR WALLS AND FLOORS SHALL BE SEALED WATERTIGHT. ROOF PENETRATIONS SHALL BE SEALED IN ACCORDANCE WITH ARCHITECTURAL DETAILS.
11. SLEEVE OR GROOVED COUPLINGS MAY BE USED WHERE NECESSARY, AND AS APPROVED, TO FACILITATE PIPING INSTALLATION.
12. FOR FLANGED SYSTEMS PROVIDE FLEXIBLE CONNECTORS WHERE NECESSARY, AND AS APPROVED TO FACILITATE PIPING INSTALLATION AND VALVE AND EQUIPMENT REMOVAL.
13. ALL FLEXIBLE CONNECTORS, INCLUDING EXPANSION JOINTS AND SLEEVE COUPLINGS SHALL BE RESTRAINED AS INDICATED OR AS REQUIRED FOR EXPANSION AND FOR FLEXIBILITY.
14. PROVIDE ALL LIQUID PIPING 24" AND SMALLER WITH 3/4" LOW POINT DRAINS AND 3/4" HIGH POINT VENTS. PROVIDE ALL LIQUID PIPING 30" AND LARGER WITH 1 1/2" LOW POINT DRAINS AND 1 1/2" HIGH POINT VENTS. DRAINS AND VENTS TO INCLUDE BALL VALVE AND CAP, UNLESS OTHERWISE SPECIFIED OR INDICATED.
15. SMALL PIPING (SAMPLE, SERVICE WATER, ETC.) IS SHOWN DIAGRAMMATICALLY: FIELD-ROUTING SUBJECT TO APPROVAL OF THE ENGINEER. SMALL PIPE ROUTING MUST NOT INTERFERE WITH ACCESS TO OR OPERATION OF ANY OTHER PIPE, VALVE, OR EQUIPMENT.
16. PORTIONS OF NON-PROCESS PIPING (PLUMBING, HVAC, CIVIL) ARE SHOWN FOR CLARITY OF DESIGN ONLY: REFER TO APPROPRIATE DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS.
17. ALL PROCESS EQUIPMENT SHALL BE ISOLATED FROM PIPING LOADS AND DYNAMICS BY FLEXIBLE CONNECTORS IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND AS SPECIFIED.
18. CONTRACTOR SHALL PROTECT ALL EQUIPMENT, PIPING, AND VALVES FROM DAMAGE DURING DEMOLITION. ALL REPAIRS TO DAMAGED EQUIPMENT, PIPE, AND VALVES SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
19. BASE ELBOWS AND PIPE BRACES ARE SHOWN FOR PURPOSES OF ILLUSTRATION ONLY.
20. PROVIDE CONCRETE PADS FOR ALL FLOOR MOUNTED PROCESS EQUIPMENT, REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
21. VENTS AND DRAINS:

A. INSTALL VENT AND DRAIN PIPING AND VALVES SO THERE IS NO INTERFERENCE WITH ACCESS TO OR OPERATION OF ANY EQUIPMENT, VALVES, PIPING OR PANELS.

B. PROVIDE ISOLATION VALVES FOR ALL VENTS AND DRAINS AS SPECIFIED AND INDICATED.

C. LOCATE VALVES SO THAT THEY ARE ACCESSIBLE AND OPERABLE.

D. PIPE ALL VENTS AND DRAINS SLOPED TO DRAIN TO THE NEAREST GUTTER, SUMP, TRENCH OR DRAIN OR AS INDICATED.

E. WHERE PIPING RUNS ACROSS A FLOOR, INSTALL 2 INCHES MAXIMUM ABOVE FLOOR.

PIPING ABBREVIATIONS

GD GRIT DRAIN
GO GRIT OVERFLOW
OC ODOR CONTROL
RWW RAW WASTEWATER
SEP SEPTAGE
SH SODIUM HYPOCHLORITE
V VENT

EQUIPMENT ABBREVIATIONS

GR GRINDER
LE LEVEL ELEMENT
P PUMP
SCR SCREEN/SCREENINGS
SG SLIDE GATE
WP WASH PRESS

PROCESS GENERAL ABBREVIATIONS

AFF ABOVE FINISHED FLOOR

ANCH ANCHOR

ANSI AMERICAN NATIONAL STANDARDS INSTITUTE

APPROX. APPROXIMATE

ARCH. ARCHITECTURAL

ARV AIR RELEASE VALVE

ATM ATMOSPHERE

AVM AIR VACUUM VALVE

CHEM. CHEMICAL

CI CAST IRON

¢ CENTERLINE

C.O. CLEANOUT

CONC. CONCRETE

CONN. CONNECTION

CONT. CONTINUATION

CPVC CHLORINATED POLYVINYLCHLORIDE

CS CARBON STEEL

DEG. F. DEGREES FAHRENHEIT

DET. DETAIL

D.I. DUCTILE IRON

DIA. DIAMETER

DISCH. DISCHARGE

DN DOWN

DWG'S. DRAWINGS

EXE FLEXIBLE COUPLING (EXPANSION x EXPANSION) ECCENTRIC REDUCER

ECC. RED. EFFLUENT

EFF. % % EFFICIENCY

ELEC. ELEVATION

EL. ELBOW

ENCL. ENCLOSURE

EQUIP. EQUIPMENT

EXIST. EXISTING

FXE EXPANSION COUPLING (FIXED x EXPANSION) RESTRAINED COUPLING (FIXED x FIXED)

Fx Fx F

FE FLOW ELEMENT

FIN. FL. FINISHED FLOOR

FIN. GR. FINISHED GRADE

FIT FLOW INDICATING TRANSMITTER

FD FLOOR DRAIN

FLG. FLANGE

F.O.B. FLAT ON BOTTOM

F.O.T. FLAT ON TOP

FT. / MIN FEET PER MINUTE

FT. / SEC FEET PER SECOND

FS FLOW SWITCH

FT. FEET

GAL. GALLONS

GALV. GALVANIZED

GPM GALLONS PER MINUTE

HDPE HIGH DENSITY POLYETHYLENE

HG HOSE GATE

Hg MERCURY

H.P. HIGH POINT

HP HORSE POWER

HVAC HEATING VENTILATION

H.W.L. HIGH WATER LEVEL

I.D. INSIDE DIAMETER

IN. INCHES

INSUL. INSULATION

INV. INVERT

KW KILOWATT

LB. POUND

LG. LONG

L.P. LOW POINT

L.R. LONG RADIUS

LSH PRESSURE SWITCH LOW

LXW LENGTH X WIDTH

L.W.L. LOW WATER LEVEL

MAX. MAXIMUM

MATL. MATERIAL

MCC MOTOR CONTROL CENTER

MECH. MECHANICAL

MGD MILLION GALLONS PER DAY

MH MANHOLE

MIN. MINIMUM

MJ MECHANICAL JOINT

N.C. NORMALLY CLOSED

N.O. NORMALLY OPEN

NO. NUMBER

NOM. NOMINAL

NPSH NET POSITIVE SUCTION HEAD

NPSHR NET POSITIVE HEAD REQUIRED

NPT NATIONAL PIPE THREAD

NTS NOT TO SCALE

O.C. ON CENTER

O.D. OUTSIDE DIAMETER

OPER. OPERATING

P PRESSURE GAUGE

PE PLAIN END

PI PRESSURE INDICATOR

PIT PRESSURE INDICATOR TRANSMITTER

PLMB. PLUMBING

PS PRESSURE SWITCH

PSH PRESSURE SWITCH HIGH

PSI POUNDS PER SQUARE INCH

PSIA POUNDS PER SQUARE INCH ABSOLUTE

PSIG POUNDS PER SQUARE INCH GAGE

PO PUSH ON

PVC POLYVINYLCHLORIDE

PVDF POLYVINYLIDENE FLOURIDE

R RADIUS

RED. REDUCER / REDUCING

RED. FLG. REDUCING FLANGE

REF. REFERENCE

REQ'D. REQUIRED

RPM REVOLUTIONS PER MINUTE

SCH. SCHEDULE

SH. SHEET

SPEC. SPECIFICATIONS

SQ. SQUARE

S.R. SHORT RADIUS

S.S. STAINLESS STEEL

STD. STANDARD

STR. STRUCTURAL

TEMP. TEMPERATURE

THK. THICK

T.O.C. TOP OF CONCRETE

TYP. TYPICAL

W/ WITH

WxH WIDTH x HEIGHT

WP WEATHER PROTECTED

WPI WEATHER PROTECTED TYPE I

WPII WEATHER PROTECTED TYPE II

W.S. WATER SURFACE

XPROOF EXPLOSION PROOF



PROJECT

CONTRACT 42
MECHANICAL SCREEN
ADDITION

OWNER

TOWN OF BRANFORD

75 BLOCK ISLAND ROAD
BRANFORD, CT 06405

ENGINEER

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CONSULTANTS

REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER

60625689

Designed By: J. BOUDREAU

Drawn By: J. CANAVAN

Dept Check: C. GALLIGAN

Proj Check: D. SETZKO

Date: APRIL 2021

Scale: AS NOTED

DISCIPLINE

MECHANICAL PROCESS
SHEET TITLE

PROCESS LEGEND, NOTES,
ABBREVIATIONS AND
SCHEDULES
SHEET NUMBER

00 D-001

PROJECT

CONTRACT 42
MECHANICAL SCREEN
ADDITION

OWNER

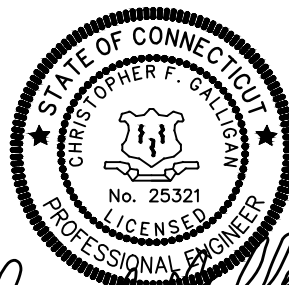
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REGISTRATION



Christopher F. Sullivan
04/21/2021

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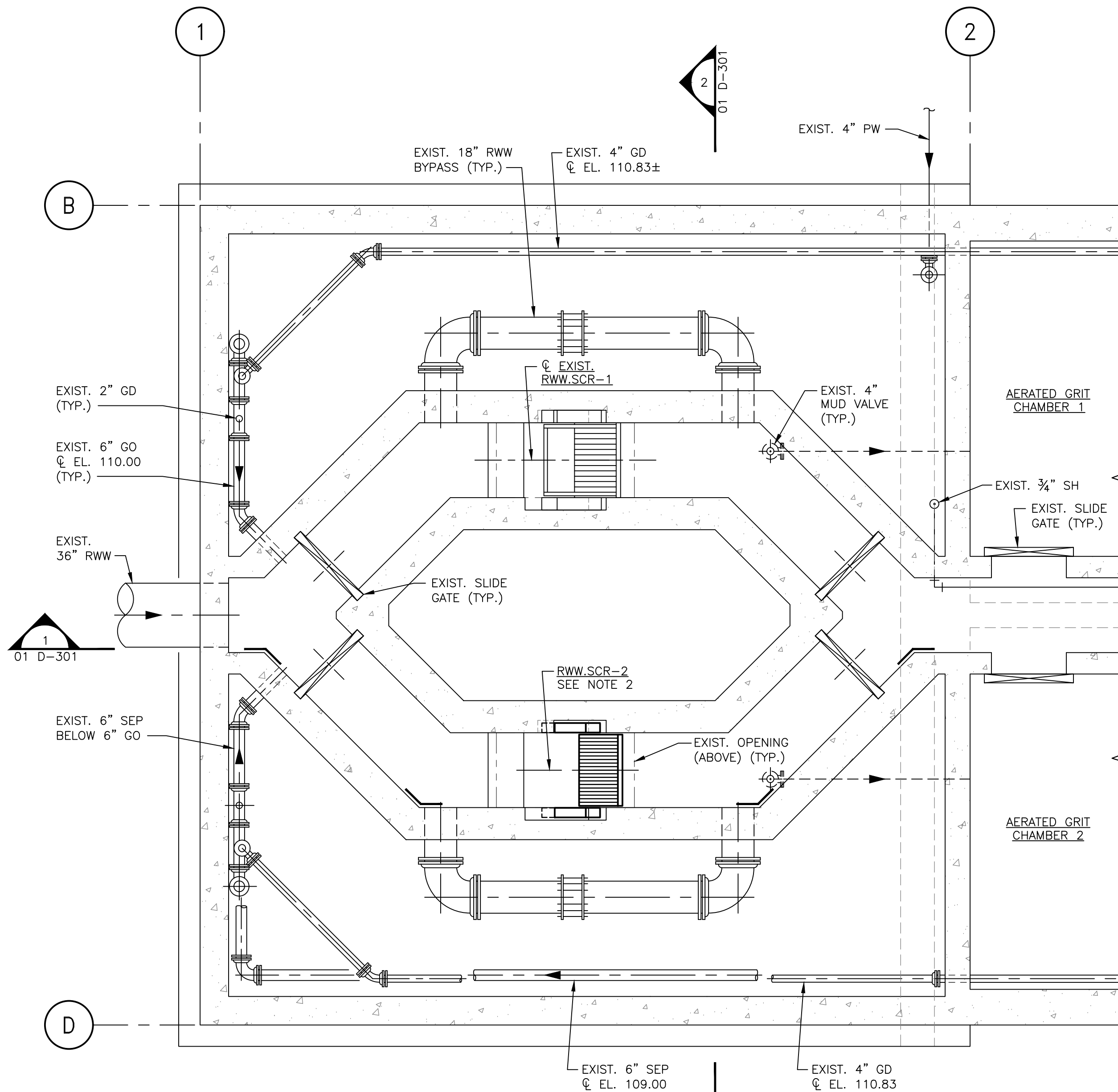
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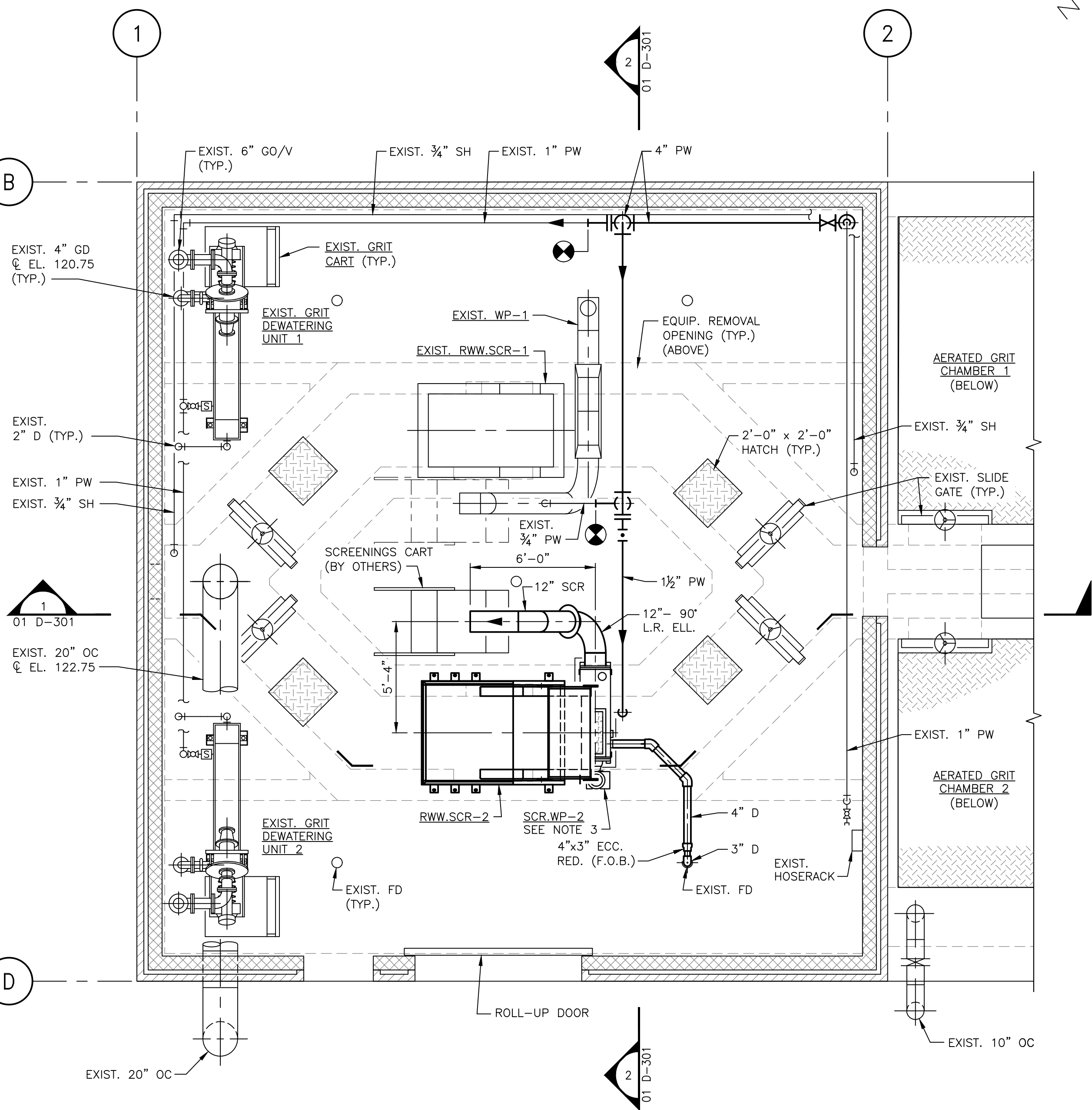
MECHANICAL PROCESS
SHEET TITLE

PRETREATMENT BUILDING
LOWER AND UPPER PART
PLANS
SHEET NUMBER

01 D-101



LOWER LEVEL PART PLAN



GROUND FLOOR PART PLAN

NOTES:

- PARTS OF THIS DRAWING WERE CREATED USING RECORD DRAWINGS DATED 1998 PROVIDED BY THE CITY OF BRANFORD, CONNECTICUT. ACCURACY OF PIPING AND EQUIPMENT LOCATIONS MUST BE FIELD VERIFIED.
- DEMOLISH EXISTING MANUAL BAR RACK. PATCH HOLES WITH NON-SHRINK GROUT.
- WASHPRESS TO BE INSTALLED WITH 7" TALL SPOOL PIECE FOR FUTURE GRINDER.
- RECONNECT EXISTING PW TO NEW 4" PW.

2 0 2 4 6
SCALE: 1/4" = 1'-0"

PROJECT

CONTRACT 42
MECHANICAL SCREEN
ADDITION

OWNER

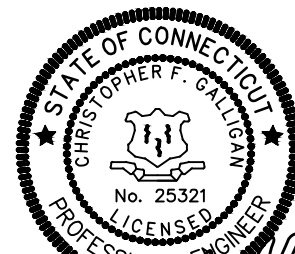
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REGISTRATION

*Christopher F. Galligan*
04/21/2021

ISSUE/REVISION

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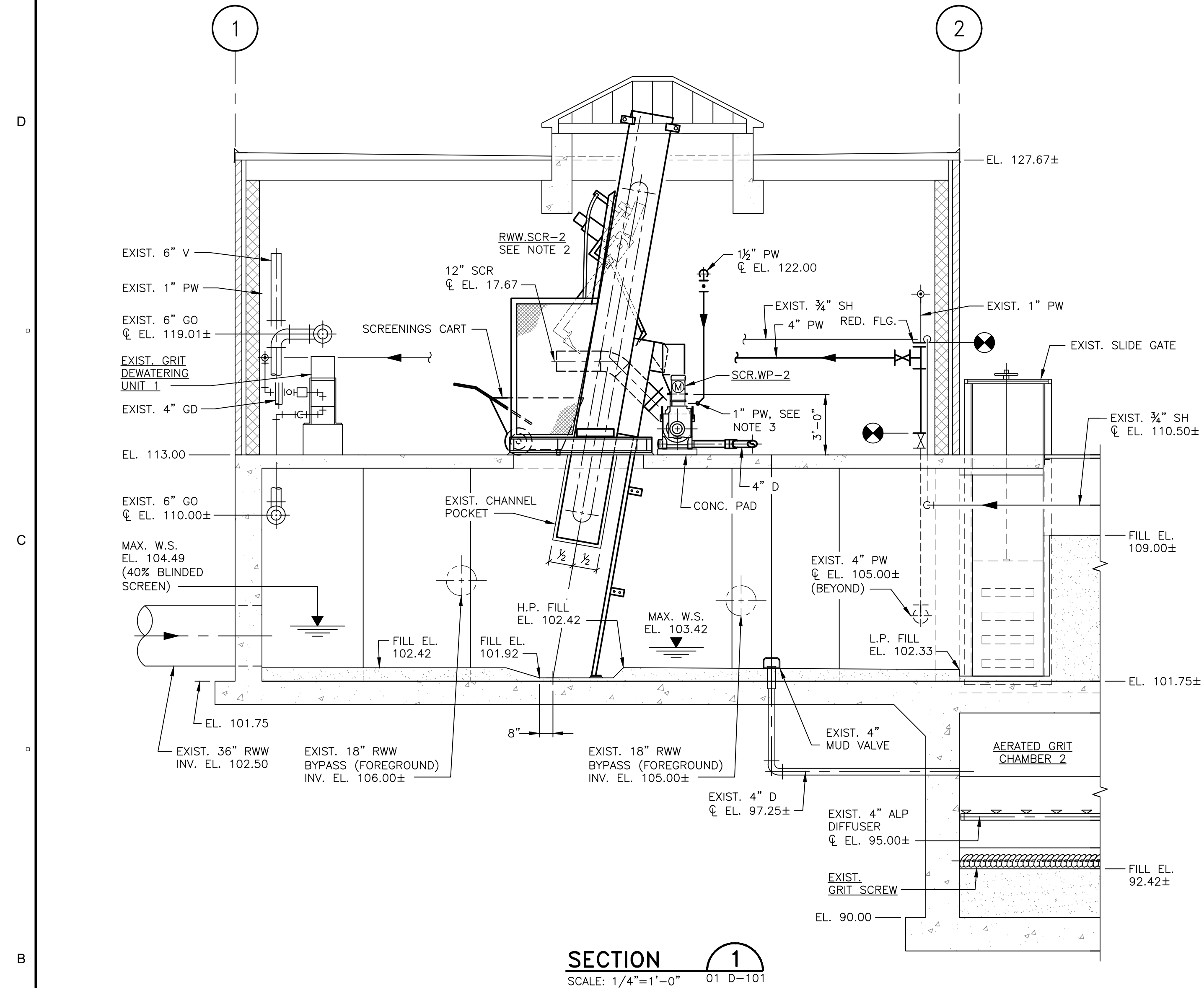
Designed By:	J. BOUDREAU
Drawn By:	J. CANAVAN
Dept Check:	C. GALLIGAN
Proj Check:	D. SETZKO
Date:	APRIL 2021
Scale:	AS NOTED

DISCIPLINE

MECHANICAL PROCESS
SHEET TITLEPRETREATMENT BUILDING
SECTION

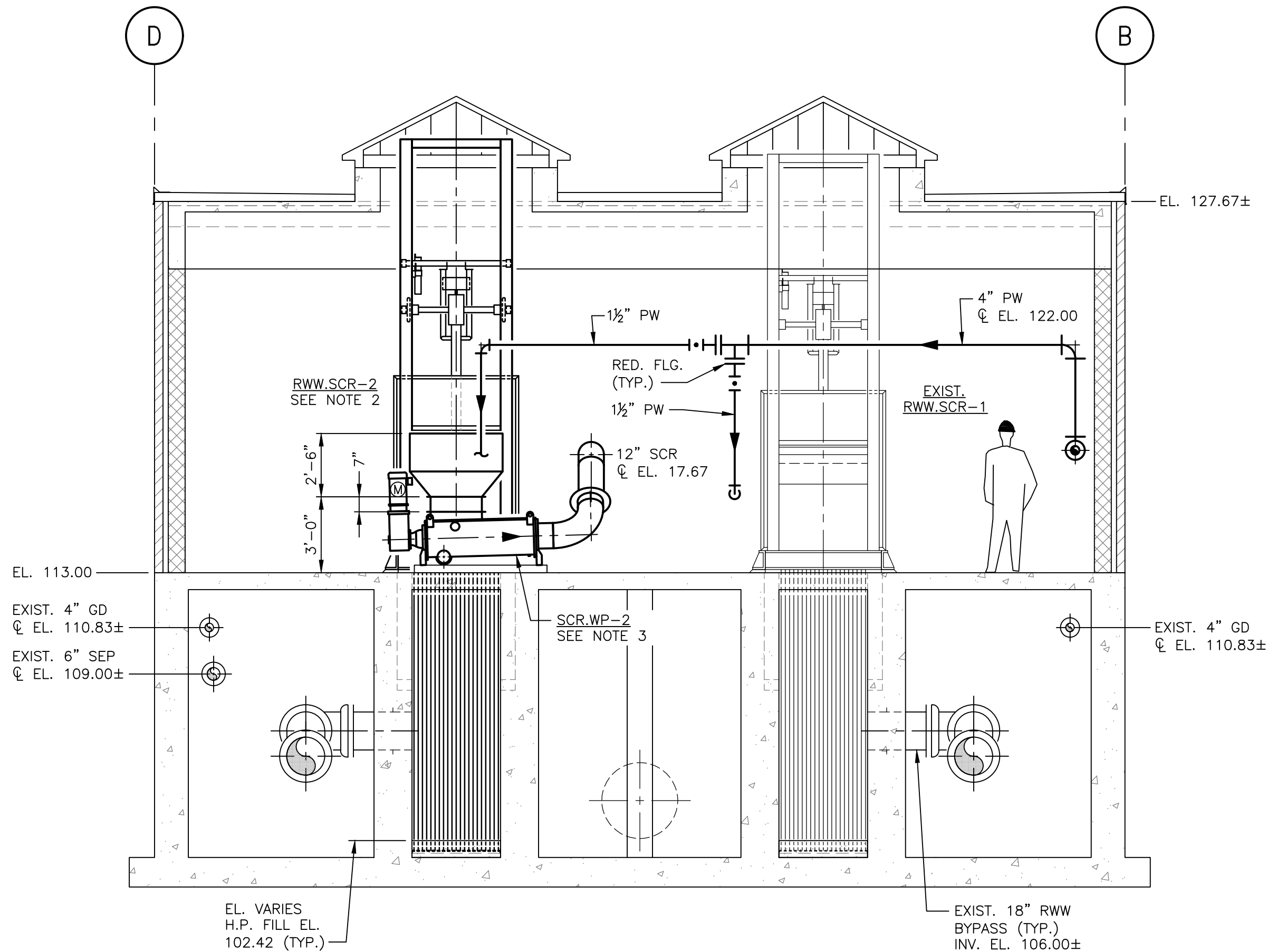
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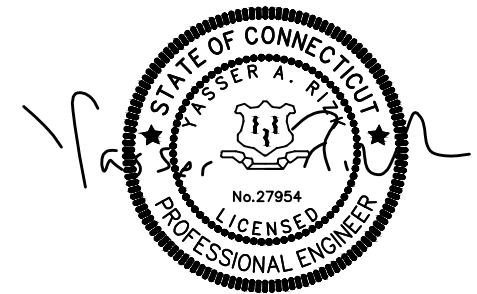


NOTES:

- PARTS OF THIS DRAWING WERE CREATED USING RECORD DRAWINGS DATED 1998 PROVIDED BY THE CITY OF BRANFORD, CONNECTICUT. ACCURACY OF PIPING AND EQUIPMENT LOCATIONS MUST BE FIELD VERIFIED.
- NEW SCREEN IS 7" TALLER THAN EXISTING SCREEN TO ALLOW FOR FUTURE GRINDER. CONTRACTOR TO FIELD VERIFY THERE IS ENOUGH CLEARANCE WITH EXISTING SKYLIGHT.
- WASHPRESS INCLUDES INTEGRAL ISOLATION BALL VALVE, STRAINER, SOLENOID VALVE, AND FLEX CONNECTION (NOT SHOWN) FOR WASH WATER SUPPLY.



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



April 19, 2021

I/R	DATE	DESCRIPTION

60625689

Designed By: H. VAKILI

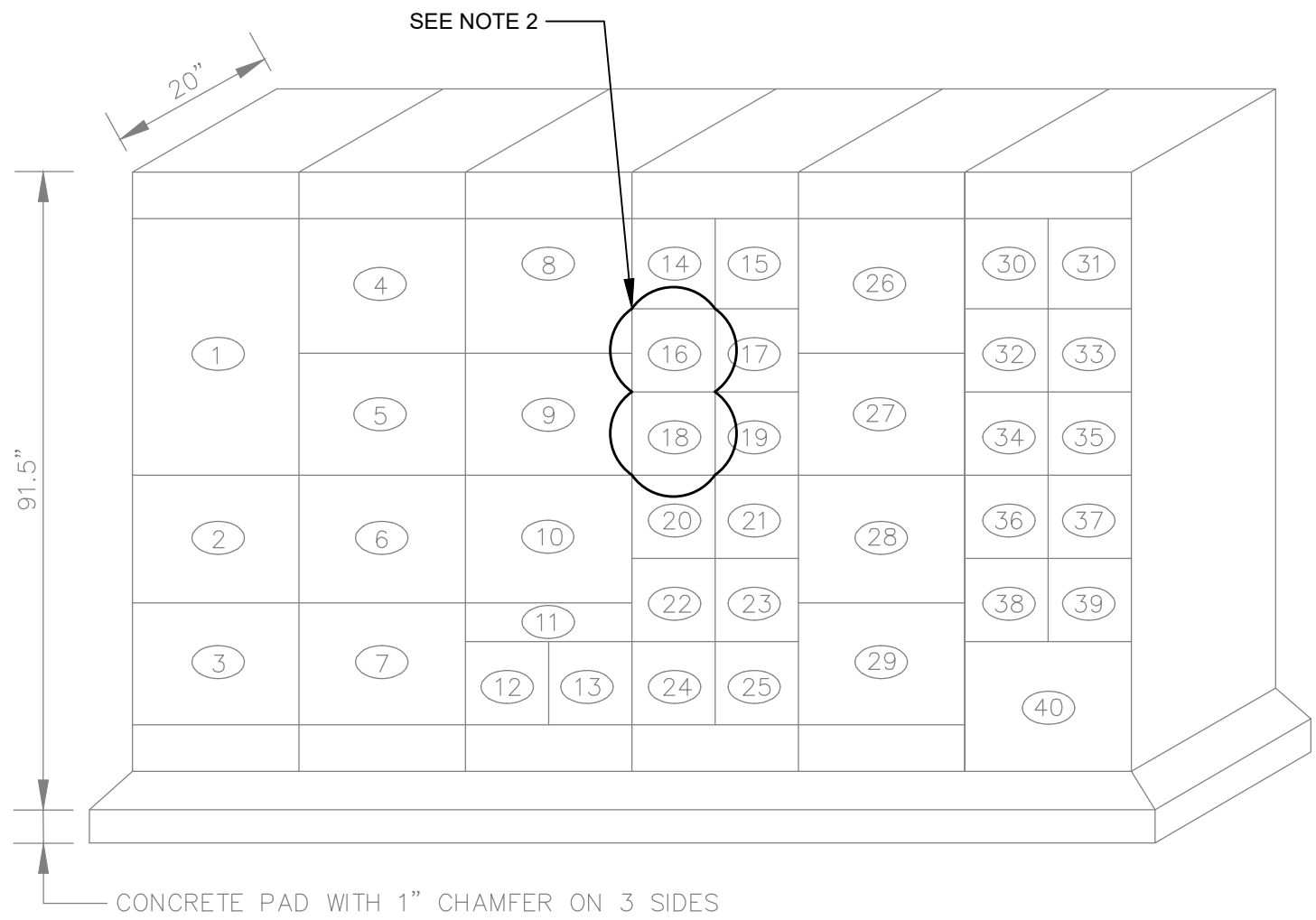
Drawn By: H. VAKILI

Dept Check: Y. RIZK

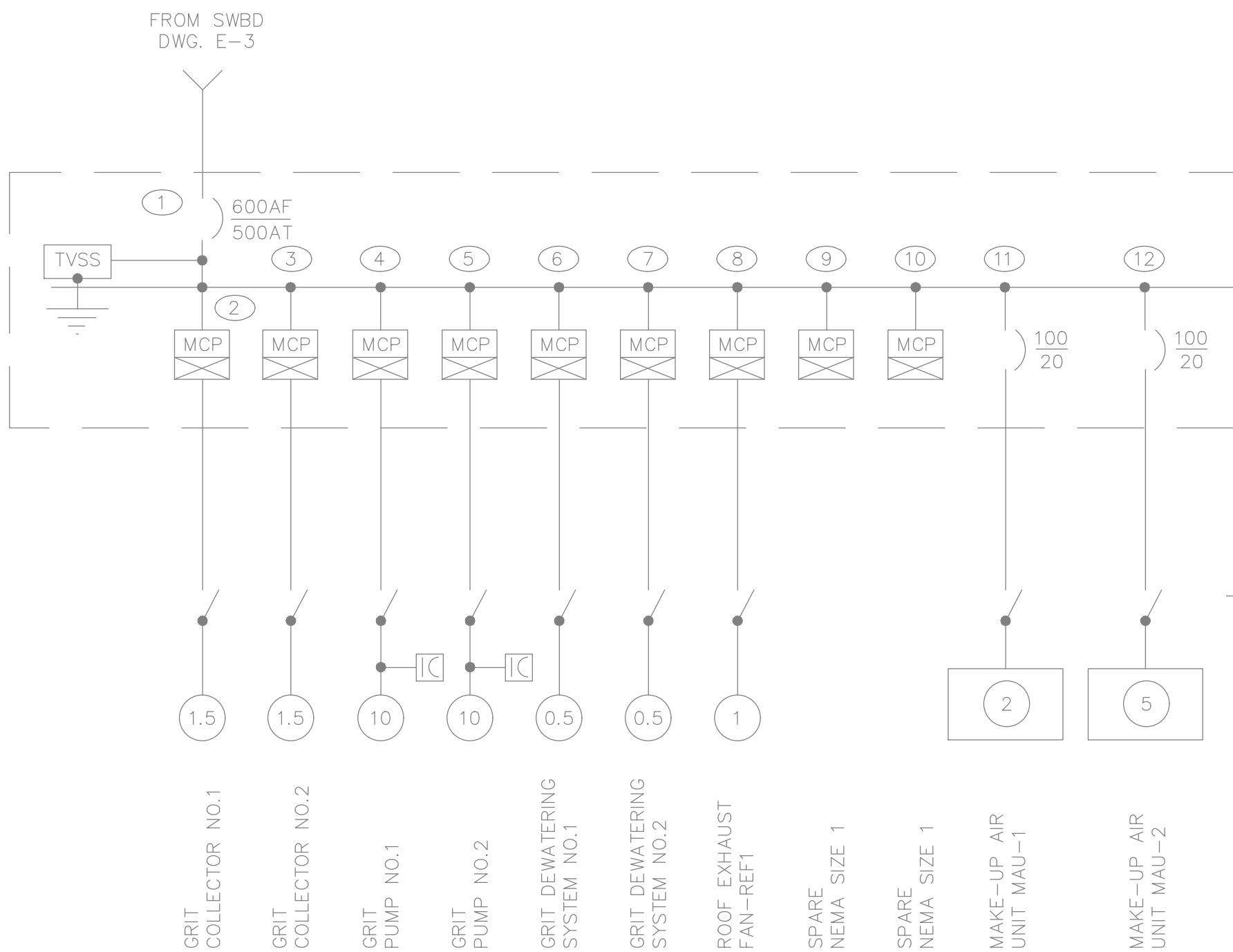
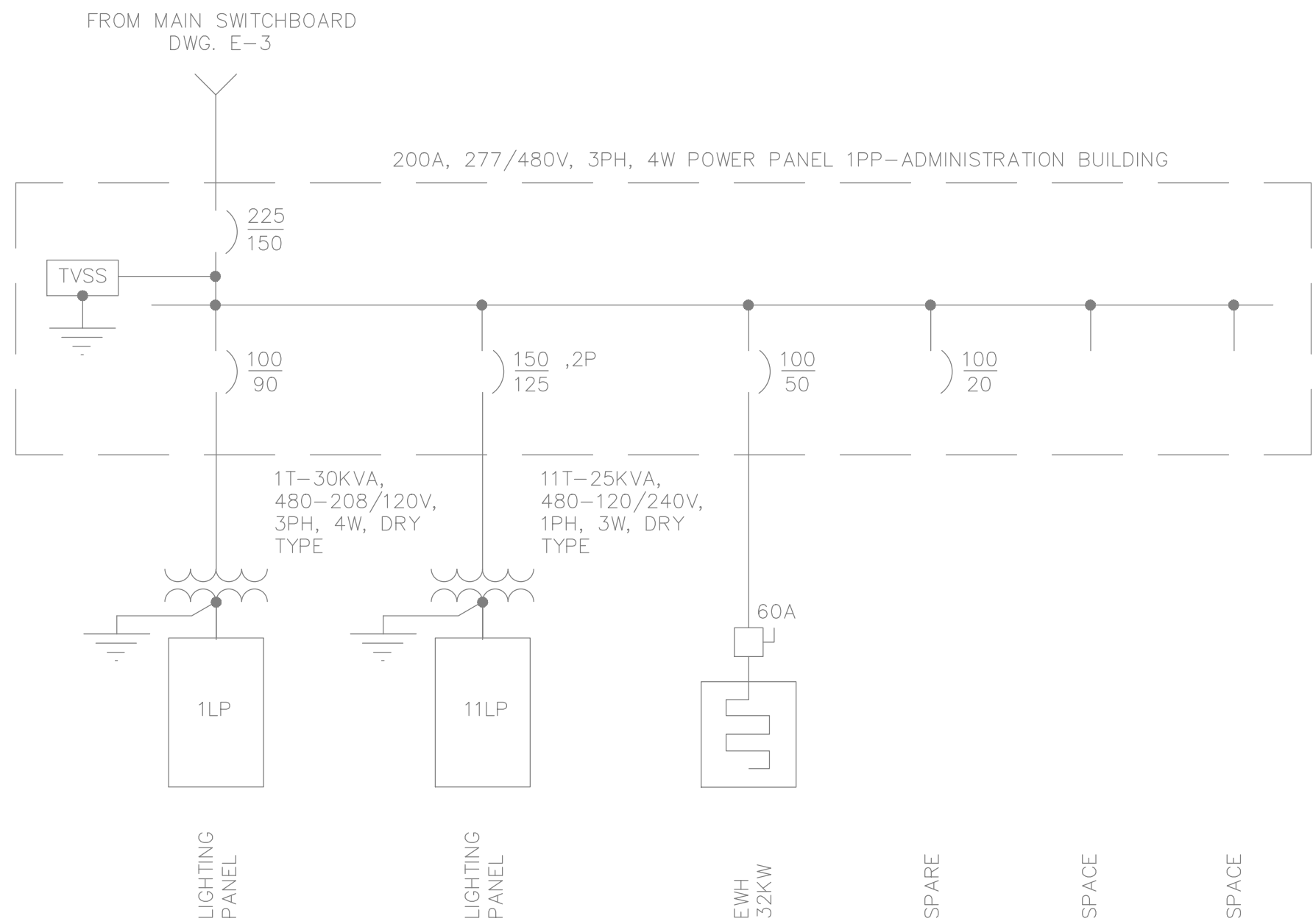
Proj Check: D. SETZKO

Date: APRIL 2021

Scale: AS NOTED



MCC NO. 2 – ELEVATION
NTS



MCC NO. 2 600A, 277/480V, 3PH, 4W MCC NO.2-PRETREATMENT & PUMP BUILDING

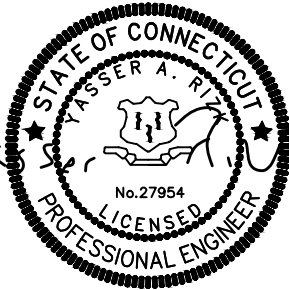
REUSE EXISTING CIRCUIT BREAKER
FOR THE EQUIPMENT INDICATED

UTILIZE EXISTING SPARE CONDUIT
FOR NEW 3-12 AWG,
1-12 AWG (G)
CABLES. (NOTE 3)

UTILIZE EXISTING SPARE CONDUIT
FOR NEW 3-12 AWG,
1-12 AWG (G)
CABLES. (NOTE 3)

NOTES:

- THIS DRAWING IS CREATED USING RECORD DRAWING E-4, SINGLE LINE AND MCC ELEVATION, DATED 1998 PROVIDED BY THE CITY OF BRANFORD, CONNECTICUT. ACCURACY OF EQUIPMENT LOCATIONS MUST BE FIELD VERIFIED.
- UTILIZE EXISTING BREAKERS IN THE EXISTING MCC BUCKETS FOR RWW.SCR-2-CP AND SCR.WP-2-CP.
- UTILIZE EXISTING TERMINAL BOX AND CONDUITS THAT RUN IN A DUCT BETWEEN THE TWO BUILDINGS FOR NEW SCREEN NO.2 AND WASHER PRESS NO.2 WIRING.

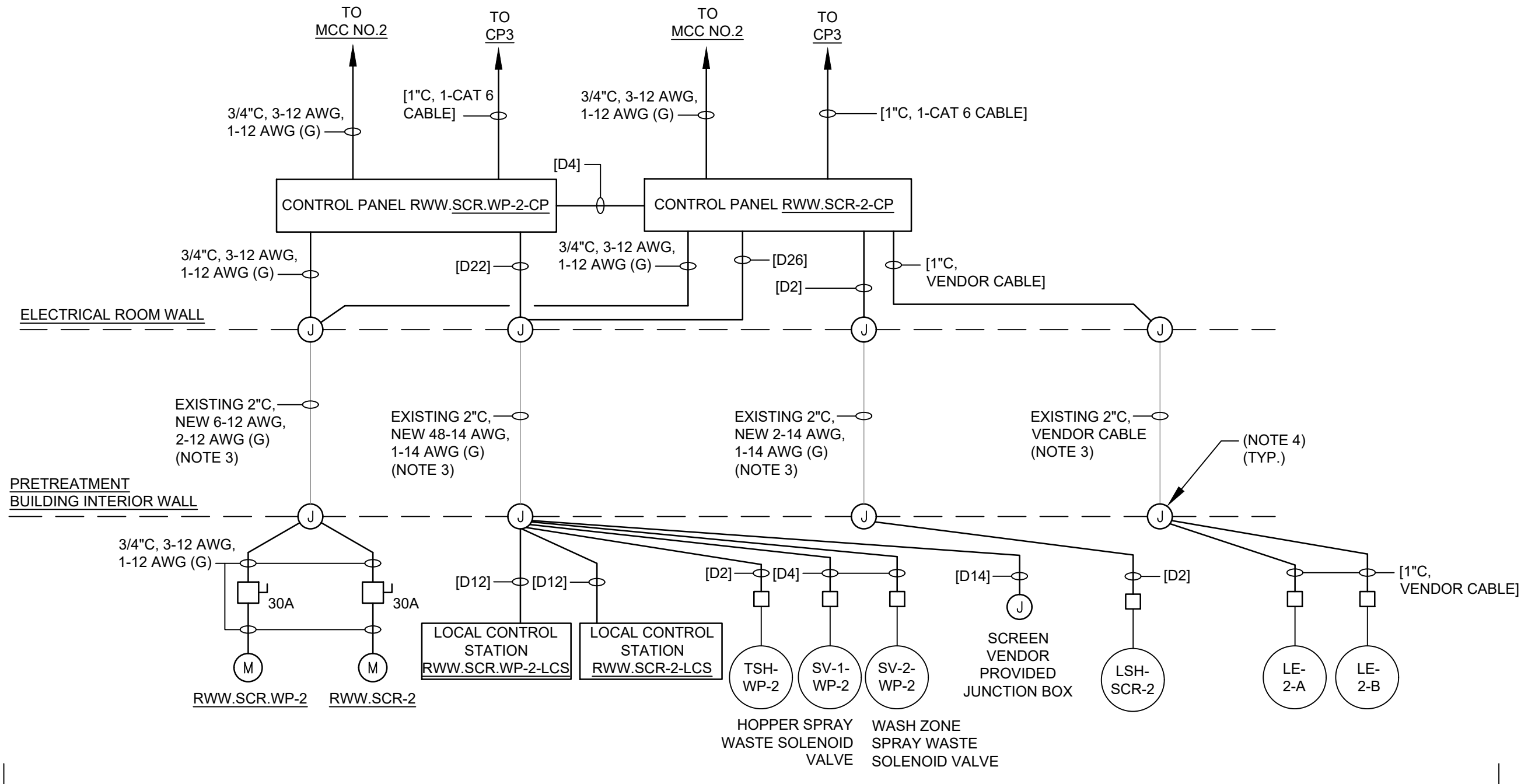


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Dept Check:	Y. RIZK
Proj Check:	D. SETZKO
Date:	APRIL 2021
Scale:	AS NOTED



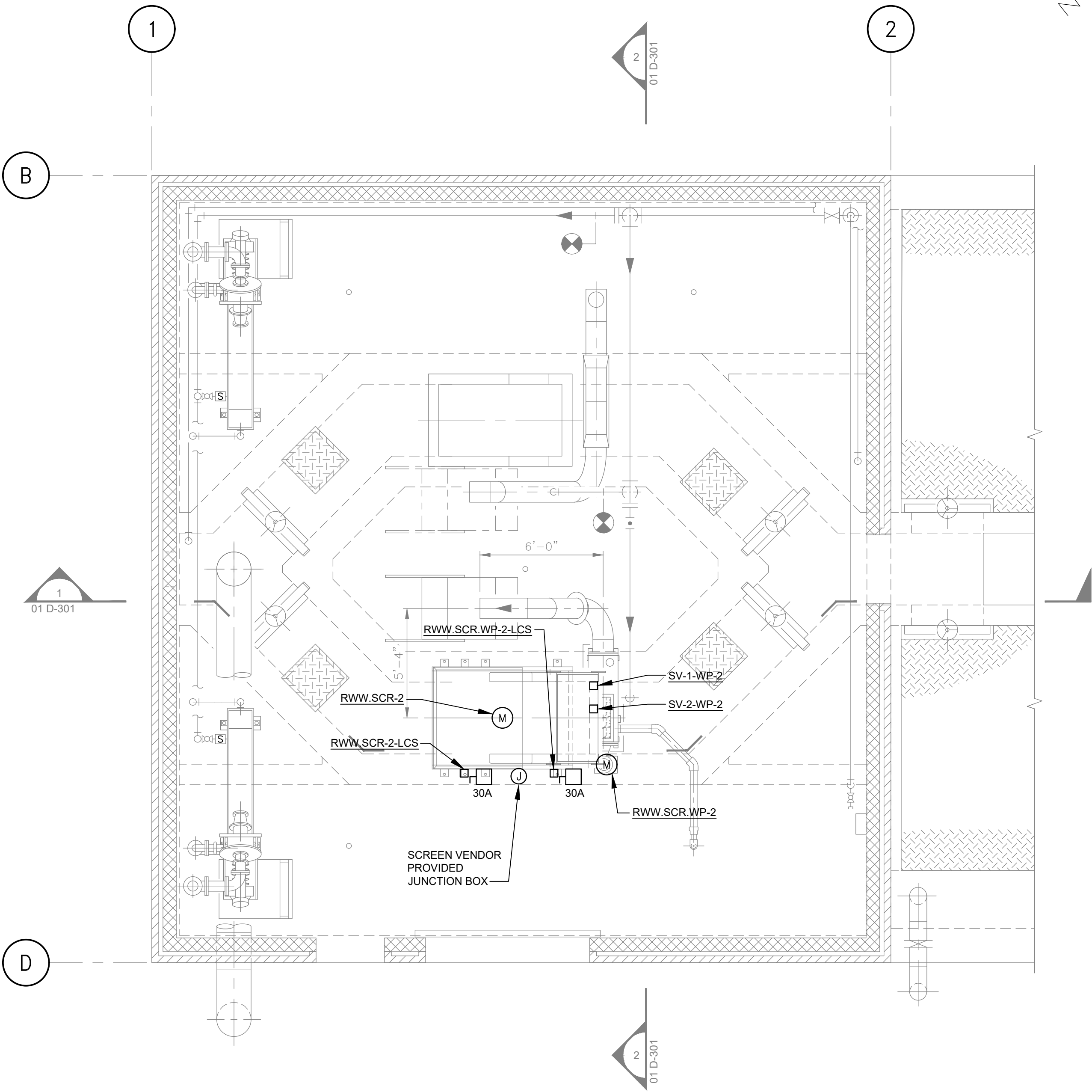
RWW.SCR.WP-2 SCREENING WASH PRESS NO.2
AND
RWW.SCR-2 RAW WASTEWATER SCREEN NO.2
RISER DIAGRAMS

DISCRETE WIRING

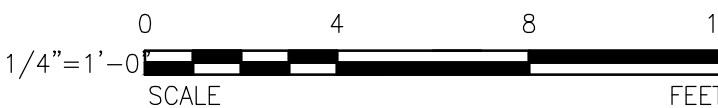
[D2]	3/4"C, 2-14 AWG, 1-14 AWG (G)
[D4]	3/4"C, 4-14 AWG, 1-14 AWG (G)
[D6]	3/4"C, 6-14 AWG, 1-14 AWG (G)
[D10]	3/4"C, 10-14 AWG, 1-14 AWG (G)
[D12]	3/4"C, 12-14 AWG, 1-14 AWG (G)
[D14]	3/4"C, 14-14 AWG, 1-14 AWG (G)
[D16]	3/4"C, 16-14 AWG, 1-14 AWG (G)
[D22]	3/4"C, 22-14 AWG, 1-14 AWG (G)
[D26]	3/4"C, 26-14 AWG, 1-14 AWG (G)
[D40]	3/4"C, 40-14 AWG, 1-14 AWG (G)
[D48]	3/4"C, 48-14 AWG, 1-14 AWG (G)

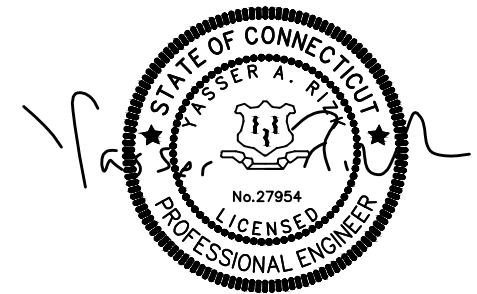
NOTES:

- THIS DRAWING IS CREATED USING RECORD DRAWINGS DATED 1998 PROVIDED BY THE CITY OF BRANFORD, CONNECTICUT. ACCURACY OF EQUIPMENT LOCATIONS MUST BE FIELD VERIFIED.
- SEE MECHANICAL DRAWINGS FOR EQUIPMENT LOCATION AND DETAILS.
- PULL NEW CABLES AS INDICATED ON THE RISER DIAGRAM IN THE EXISTING 2" CONDUITS.
- UTILIZE EXISTING JUNCTION BOXES AS INDICATED ON THE RISER DIAGRAM ON THIS SHEET AND AS SHOWN ON THE PLAN DRAWING 01 E-102.



PRETREATMENT BUILDING
GROUND FLOOR PART PLAN
SCALE: 1/4" = 1'-0"



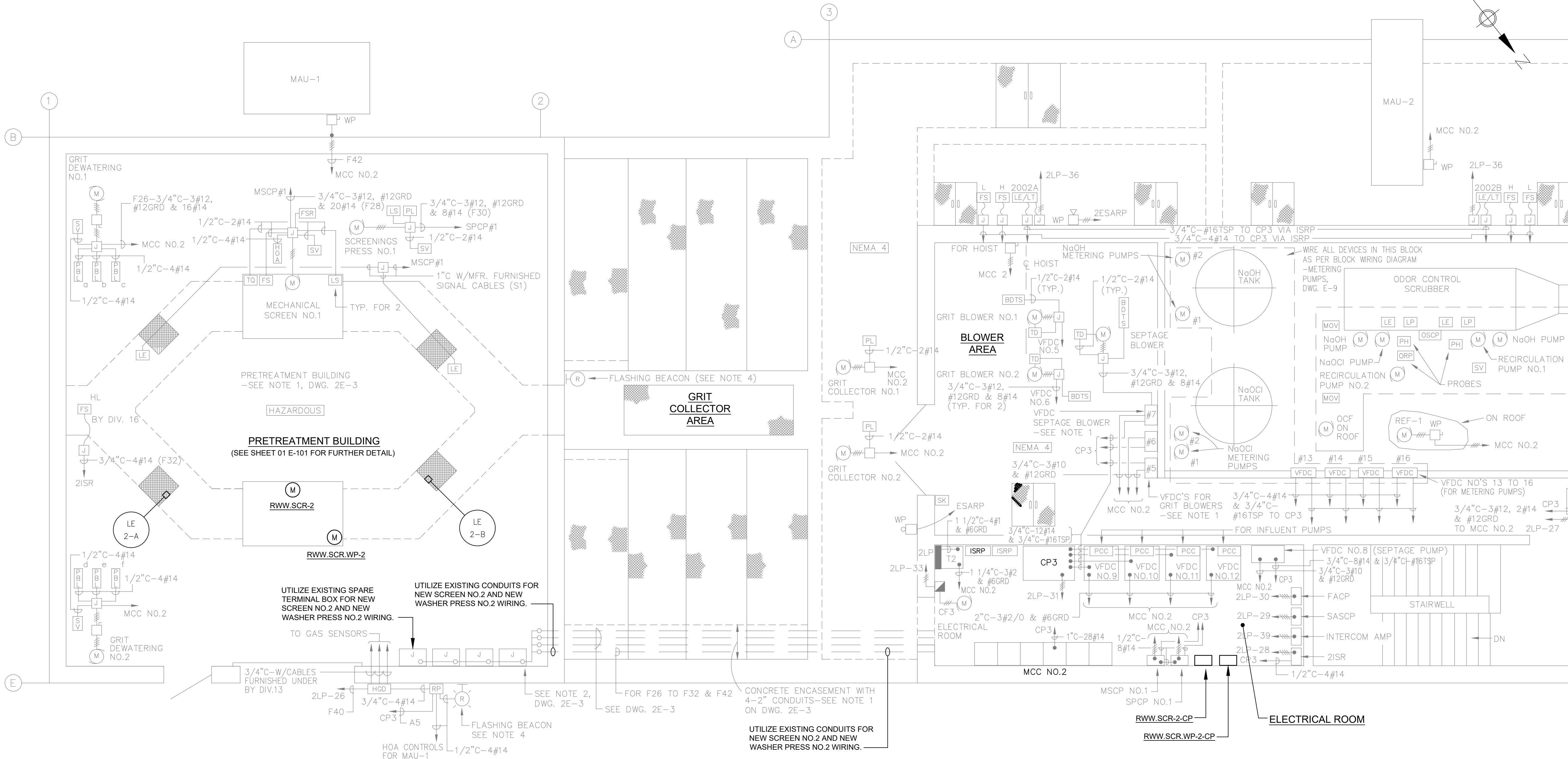


April 19, 2021

I/R	DATE	DESCRIPTION

60625689

Designed By:	H. VAKILI
Drawn By:	H. VAKILI
Dept Check:	Y. RIZK
Proj Check:	D. SETZKO
Date:	APRIL 2021
Scale:	AS NOTED



NOTES:

1. THIS DRAWING IS CREATED USING RECORD DRAWING 2E-1, PRETREATMENT AND PUMP BUILDING GROUND FLOOR POWER PLAN, DATED 1998 PROVIDED BY THE CITY OF BRANFORD, CONNECTICUT.

