

MORROW  
ELEMENTARY

OWASSO PUBLIC  
SCHOOLS  
OWASSO, OK  
2018

PROJECT

KEY PLAN

FS FACILITY  
MODEL

REVISIONS

03.06.18

ISSUE DATE

1507 PROJECT NO.  
DRAWN BY  
CIRCHURY

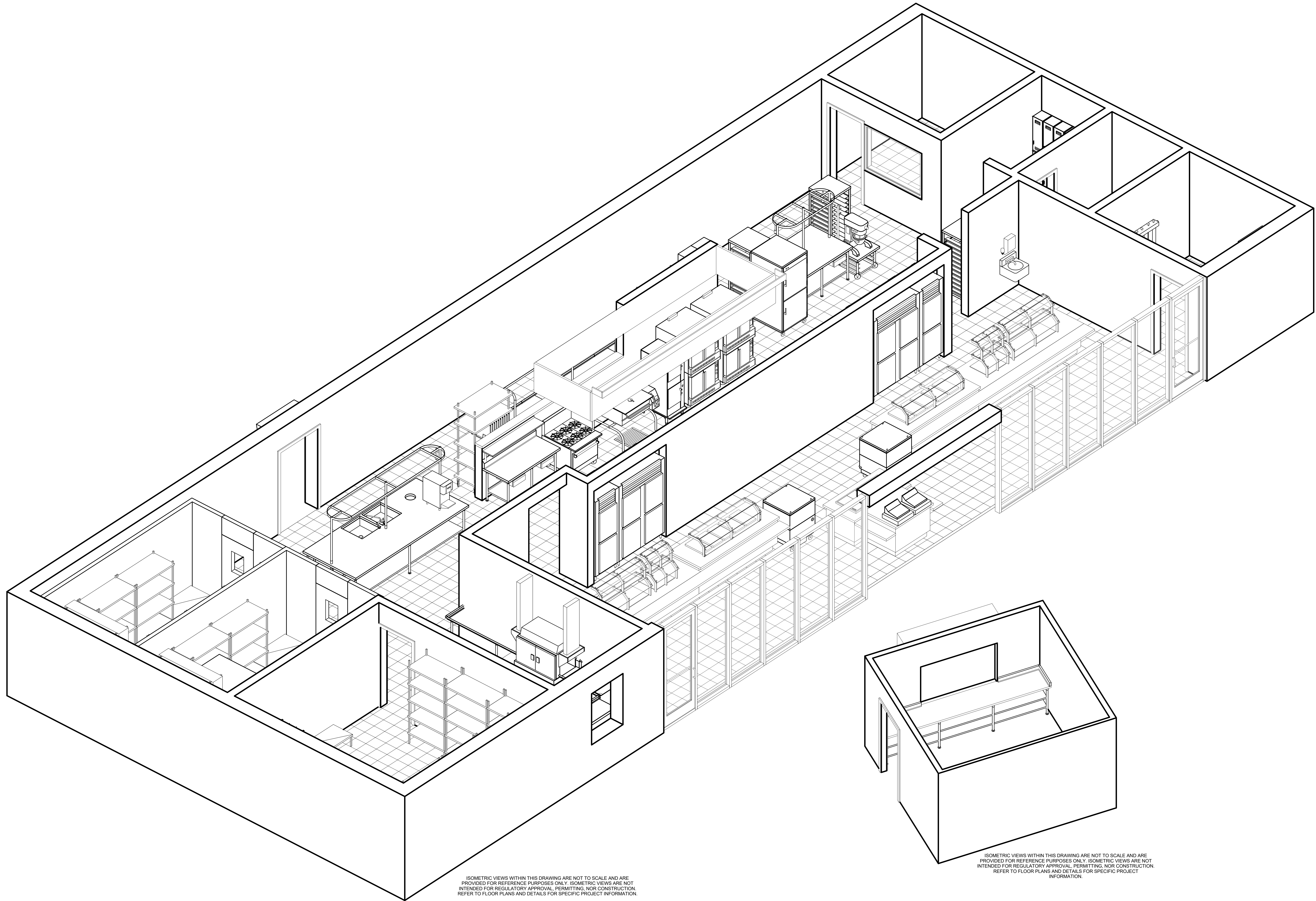
SHEET TITLE

FS-1A



FOODSERVICE DESIGN  
PROFESSIONALS  
DALLAS HOUSTON SAN ANTONIO TEXAS

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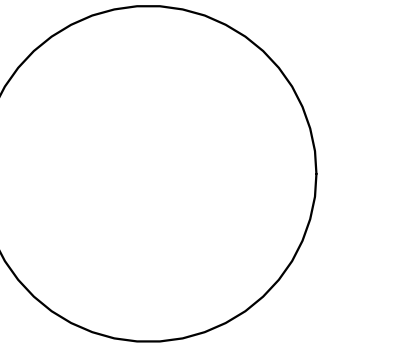


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① FS FACILITY MODEL

② FS CONCESSION FACILITY MODEL



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ELEMENTARY

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OWASSO, OK  
2018

PROJECT

KEY PLAN

FS  
EQUIPMENT  
MODEL

REVISIONS

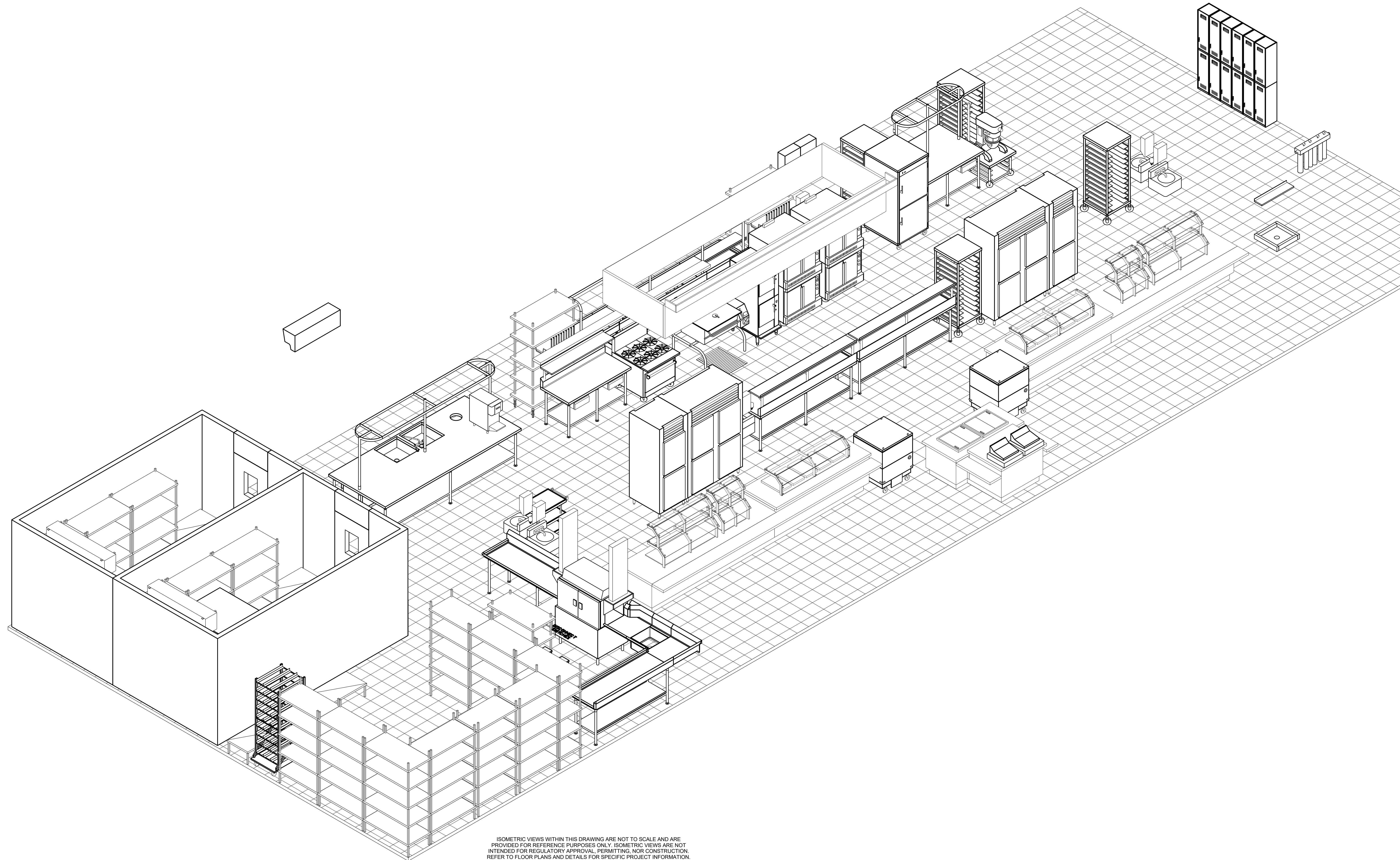
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SHEET TITLE

FS-1B



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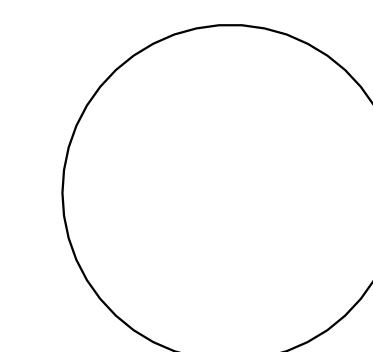
1 FS EQUIPMENT MODEL



FOODSERVICE DESIGN  
PROFESSIONALS  
DALLAS HOUSTON SAN ANTONIO TEXAS

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2018

PROJECT

FS PLUMBING  
PLAN

KEY PLAN

03.06.18

REVISIONS

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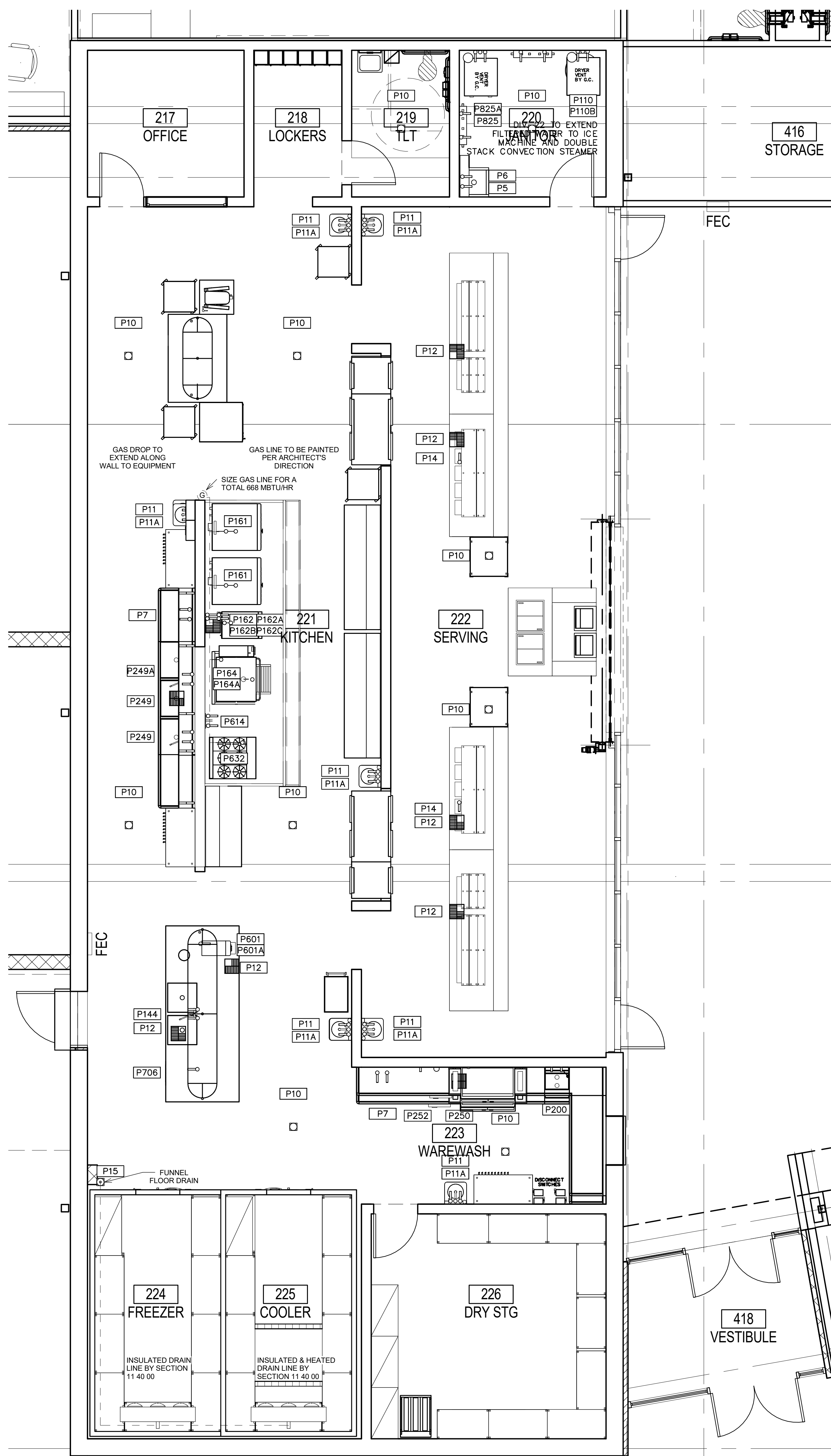
FS-3

SHEET TITLE



FOODSERVICE DESIGN  
PROFESSIONALS  
ILLINOIS MISSOURI KANSAS TEXAS

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FOODSERVICE PLUMBING SCHEDULE						
FFD PNO	FDP PSIZE	FDP PCONN	FDP PSERVICE TO	FDP PLOC	FDP PAFF	FDP PREMARKS
P5	3/4"	H & C WATER	JANITOR SINK	WALL	48"	JANITOR SINK BY PLUMBER
P6	4"	HUB DRAIN	JANITOR SINK	FLOOR	VERIFY	JANITOR SINK BY PLUMBER
P7	3/4"	H & C WATER	HOSE BIBB	WALL	18"	BTC: RE: NOTE #3
P10	VERIFY	FLOOR DRAIN	GENERAL AREA DRAIN	FLOOR	VERIFY	LOCATE PER ENGINEER'S DRAWING
P11	1/2"	H & C WATER	FAUCET	WALL	18"	FURNISHED BY SECTION 11 40 00; INSTALLED BY DIV. 22
P11A	1 1/2"	DIRECT DRAIN	HAND SINK	WALL	15"	FURNISHED BY SECTION 11 40 00; INSTALLED BY DIV. 22
P12	12" SQ.	FLOOR SINK	EQUIPMENT	FLOOR	0"	3/4 GRATE - RE: NOTE #4
P14	3/4"	HOT WATER	COUNTER FILL FAUCET	FLOOR	6"	BTC: RE: NOTE #3
P15	4"	FLOOR DRAIN	FUNNEL FLOOR DRAIN	FLOOR	0"	---
P110	3/4"	H & C WATER	CLOTHES WASHER	WALL	48"	BTC: VALVE BOX
P110B	2"	INDIRECT DRAIN	CLOTHES WASHER	WALL	48"	VALVE BOX
P144	1/2"	H & C WATER	WORKTABLE	FLOOR	6"	BTC: RE: NOTE #3
P161	(2)3/4"	NATURAL GAS	CONVECTION OVEN	WALL	18"36"	BTC: RE: NOTE #3 & #9 - 60 MBTU/HR EACH
P162	12" SQ.	FLOOR SINK	CONVECTION STEAMER	FLOOR	0"	3/4 GRATE - RE: NOTE #4
P162A	3/4"	(2) FILTERED COLD WATER	CONVECTION STEAMER	WALL	18"48"	BTC: RE: NOTE #3 - INTERCONNECT THRU WATER FILTER
P162B	3/4"	(2) UNFILTERED COLD WATER	CONVECTION STEAMER	WALL	15"45"	BTC: RE: NOTE #3
P162C	3/4"	(2) NATURAL GAS	CONVECTION STEAMER	WALL	24"60"	BTC: RE: NOTE #3 & #9 124MBTU/HR
P164	4"	HUB DRAIN	TRENCH LINER	FLOOR	-9"	BTC: RE: NOTE #3 - CRITICAL LOCATION
P164A	3/4"	NATURAL GAS	TILT BRAISING PAN	WALL	18"	BTC: RE: NOTE #3 & #9 - 144 MBTU/HR
P200	3/4"	H & C WATER	PRE-RINSE FAUCET	WALL	18"	BTC: RE: NOTE #7
P249	3/4"	H & C WATER	FAUCET	WALL	13"	BTC: RE: NOTE #3
P249A	12" SQ.	FLOOR SINK	SINK	FLOOR	0"	THREE QUARTER GRATE
P250	12" SQ.	FLOOR SINK	BOOSTER / DISHMACHINE	FLOOR	18"	BTC: RE: NOTE #4
P252	3/4"	HOT WATER	BOOSTER HEATER	WALL	18"	EXT. THRU W.FILTER TO BOOSTER / DISH MACHINE - 140DEG.MIN.
P601	1/2"	HOT WATER	HOT WATER DISPENSER	FLOOR	6"	BTC: RE: NOTE #3 - 140deg. min.
P601A	12" SQ.	FLOOR SINK	HOT WATER DISPENSER	FLOOR	VERIFY	LOCATE PER ENGINEER'S DRAWING ; 3/4" GRATE RE: NOTE #4
P614	1/2"	H & C WATER	FILL FAUCET	WALL	42"	BTC: RE: NOTE #3
P632	3/4"	NATURAL GAS	RANGE	WALL	18"	BTC: RE: NOTE #3 & #9 - 160 MBTU/HR
P706	3/4"	COLD WATER	UNDERCOUNTER ICEMAKER	FLOOR	6"	BTC: RE: NOTE #3
P825	3/4"	INCOMING COLD WATER	REMOTE FILTER SYSTEM	WALL	60"	BTC: RE: NOTE #3 & #17
P825A	3/4"	OUTGOING COLD WATER	REMOTE FILTER SYSTEM	WALL	60"	BTC: RE: NOTE #3 & #17; INTERCONNECT TO ICEMACHINE, COMBI OVEN & STEAMER

SECTION 11 40 00 TO PROVIDE LOOSE WITH FOODSERVICE EQUIPMENT DIVISION 22 AND 26 TO PROVIDE INSTALLATION.

- A VACUUM BREAKER
- B DISPOSER
- C TIME DELAY
- D CONTROL PANEL
- E SOLENOID VALVE

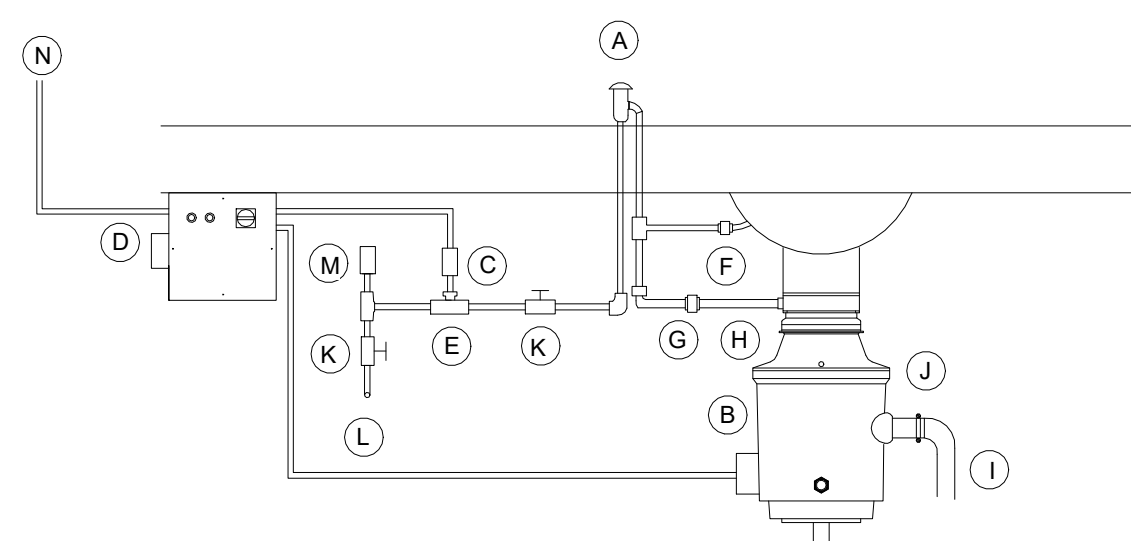
DIVISION 22 TO PROVIDE AND INSTALL

- F 1/2" CW INLET
- G FLOW CONTROL
- H 1/2" CW
- I 2" DRAIN LINE
- J 1-1/2" TAILPIECE
- K GATE VALVE
- L 1/2" CW SUPPLY
- M SHOCK STOP

DIVISION 26 TO PROVIDE AND INSTALL

- N POWER SUPPLY

4 DISPOSER DETAIL  
N.T.S.



NOTE: WATER AND DRAIN CONNECTIONS INDICATED ARE THOSE REQUIRED FOR THE FOODSERVICE EQUIPMENT AND THOSE REQUIRED FOR SUPPORT EQUIPMENT FURNISHED BY DIVISION 22. FOR ADDITIONAL WATER AND DRAIN REQUIREMENTS REFER TO MECHANICAL DRAWINGS.

NOTE: REFER TO ELECTRICAL/MECHANICAL DRAWINGS FOR REQUIREMENTS OF EXHAUST FANS AND MAKE-UP AIR HANDLERS AND LOCATION OF AN INTERLOCK AND START/STOP CONTROLS TO BE LOCATED WITHIN FOODSERVICE AREA BY DIVISION 26.

3 PLUMBING COORDINATION NOTES  
N.T.S.

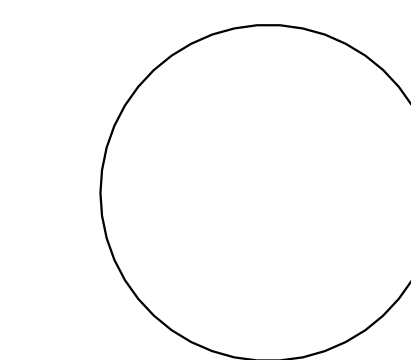
I HW HOT WATER	--- IW INDIRECT WASTE (EXTEND TO F.D.)
--- CW COLD WATER	FFD FUNNEL FLOOR DRAIN
--- HTW 180 F HOT WATER	--- EVC EXHAUST VENT CONNECTION
--- CWS CHILLED WATER	--- SVC SUPPLY VENT CONNECTION
--- C GAS SUPPLY	--- FR DIRECT-CONNECTED FLUE RISER
SS STEAM SUPPLY	PS PIPE SLEEVE
CR CONDENSATE RETURN	AFV ABOVE FINISHED FLOOR
DR DRAIN	ST STUB UP/OUT
FD FLOOR DRAIN	BTC BRANCH TO CONN. ON EQUIP
FS FLOOR SINK	DFA DROP FROM ABOVE

2 PLUMBING SYMBOLS  
NONE

1 PLUMBING GENERAL NOTES  
NONE

1. DO NOT ROUGH-IN FROM THIS DRAWING. REFER TO THE FOODSERVICE EQUIPMENT SUPPLIER'S DIMENSIONED SHOP DRAWINGS.
2. DIMENSIONS INDICATED ARE TO BE VERIFIED BY FOODSERVICE EQUIPMENT SUPPLIER AND ADJUSTED AS REQUIRED BY EQUIPMENT AND/OR FIELD CONDITIONS.
3. ACCESSORIES PROVIDED LOOSE WITH FOODSERVICE EQUIPMENT BY SECTION 11 40 00 TO BE FIELD INSTALLED BY DIVISION 22.
4. DRAINAGE AND PIPING SYSTEMS TO BE CLEANED PRIOR TO FINAL CONNECTION WITH FOODSERVICE EQUIPMENT.
5. HAND LAVATORY PROVIDED BY SECTION 11 40 00 AND INSTALLED BY DIVISION 22. DIV. 22 TO PROVIDE HOT WATER TEMPERING VALVE, IF REQ'D.
6. JANITOR SINK/FAUCET PROVIDED AND INSTALLED BY DIVISION 22.
7. INTERCONNECTION OF 1/2" CW TO PRE-RINSE AND DISPOSERS CONE/BODY INLETS PIPED THRU SOLENOID AND VACUUM BREAKER BY DIVISION 22.
- \*\* ENGINEER TO VERIFY W/ LOCAL CODE TO BYPASS OR PIPE THRU GREASE TRAP AND/OR INTERCEPTOR.
8. 6" W.C. AT EQUIPMENT. MECHANICAL GAS SHUT-OFF VALVE BY SECTION 11 40 00. FINAL CONNECTION TO EQUIPMENT AND INSTALLATION OF MECHANICAL GAS VALVE BY DIVISION 22.
9. ALL EXHAUST HOOD CONNECTIONS AND CONDENSATE CONNECTIONS FURNISHED BY FACTORY. INTERCONNECT THRU WATER FILTER TO EQUIPMENT BY DIVISION 22.
10. ALL EXHAUST HOOD CONNECTIONS AND CONDENSATE CONNECTIONS FURNISHED BY FACTORY. INTERCONNECT THRU WATER FILTER TO EQUIPMENT BY DIVISION 22.
11. ALL EXPOSED FIRE SYSTEM PIPING TO BE CHROME PLATED OR STAINLESS STEEL.
12. NUMBER NOT USED.
13. ALL PIPING WITHIN COUNTER BODY OR UNDER FABRICATED COUNTERS TO BE RUN TO A CONNECTION POINT BELOW COUNTER BODY BY SECTION 11 40 00. FINAL CONNECTION BY DIVISION 22.
14. NUMBER NOT USED.
15. QUICK DISCONNECTS TO BE SUPPLIED BY SECTION 11 40 00 WALL GAS & WATER EQUIPMENT.
16. PROTECTIVE DEVICES TO PROTECT AGAINST BACK FLOW. BACK SYPHONAGE SHALL BE INSTALLED AT ALL FIXTURES AND EQUIPMENT WHERE BACKFLOW AND/OR BACKSYPHONAGE MAY OCCUR AND WHERE A MINIMUM AIR GAP CANNOT BE PROVIDED BETWEEN THE WATER TO THE FIXTURE OR EQUIPMENT AND ITS FLOODLEVEL. RIM TO BE PROVIDED AND INSTALLED BY DIVISION 22. VACUUM BREAKERS, WHEN FURNISHED WITH EQUIPMENT, SHALL OVERRIDE ABOVE, IF ACCEPTABLE WITH APPLICABLE CODES, BUT DIV. 22 TO PIPE WHEN NOT PREPARED BY FACTORY. INTERCONNECT THRU WATER FILTER TO EQUIPMENT BY DIVISION 22.
17. BACKFLOW PREVENTION BY DIVISION 22

FOODSERVICE PLUMBING CONNECTION  
PLAN  
1/4" = 1'-0"



MORROW  
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OWASSO, OK  
2018

FS  
ELECTRICAL  
PLAN

03.06.18

REVISIONS

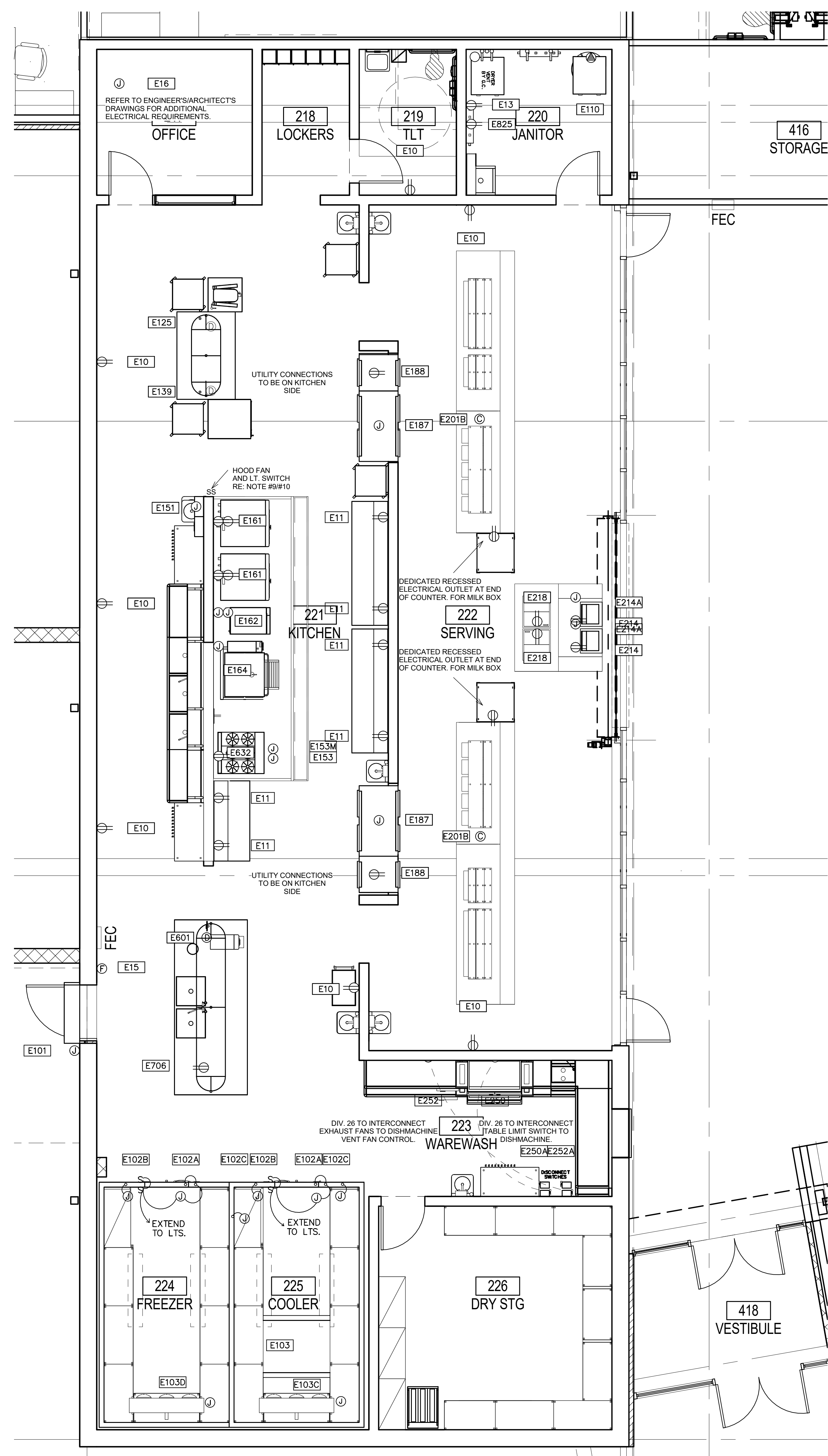
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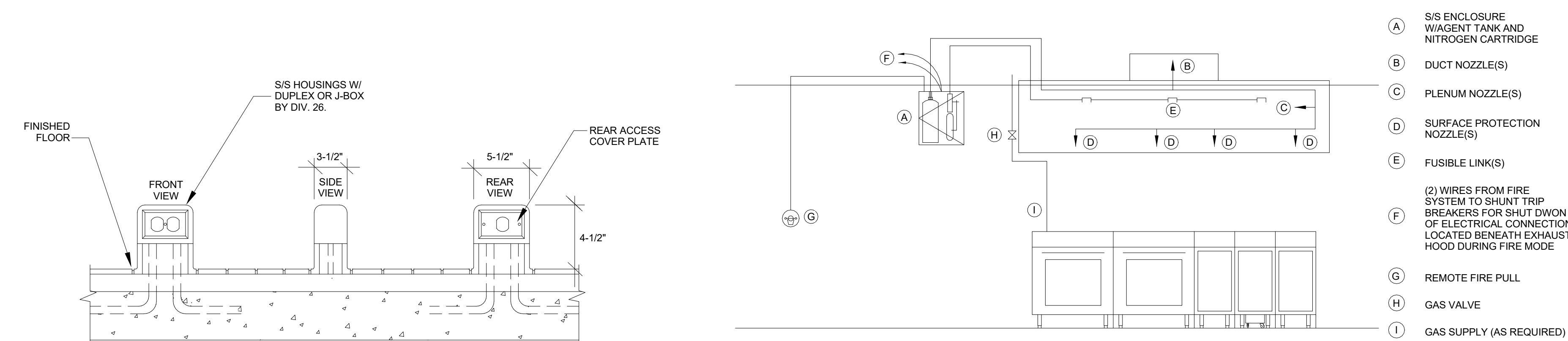
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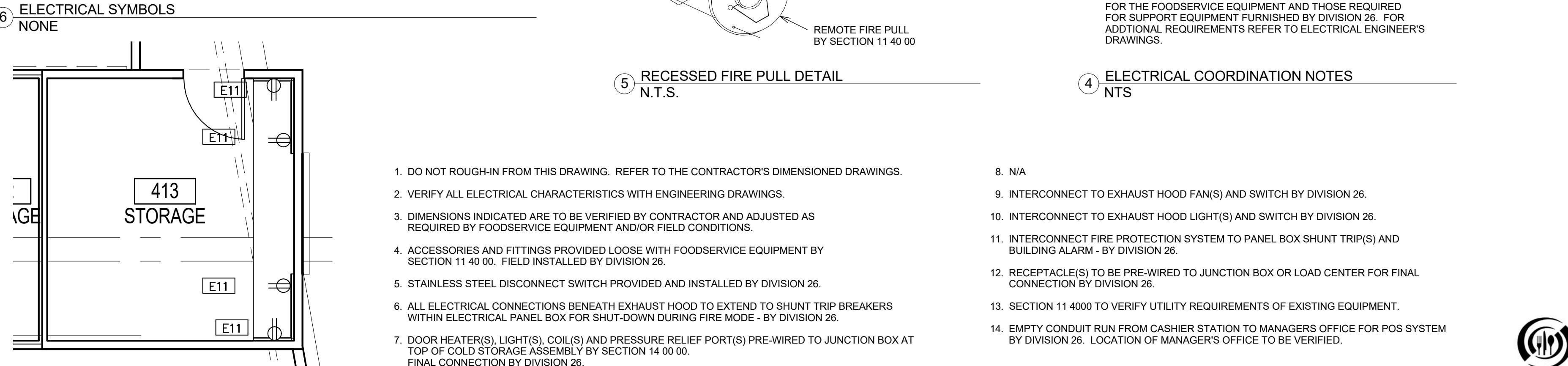
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FOODSERVICE ELECTRICAL SCHEDULE									
FDP ENO	FDP ECONE	FDP ELOAD	FDP EVOLT	FDP EPH	FDP ESERVICE TO	FDP ELOC	FDP EAFF	FDP EREMARKS	
E10	DR	16.0A	120	1	CONVENIENCE OUTLET	WALL	24"	---	
E11	DR	16.0A	120	1	CONVENIENCE	WALL	47"	---	MOUNT HORIZONTAL
E13	WPR	16.0A	120	1	CONVENIENCE OUTLET	WALL	48"	---	
E15	JB	---	---	---	REMOTE FIRE PULL	WALL	48"	---	RE: NOTE #11 - RECESSED JB - EXTEND TO FIRE SYSTEM FOR HOOD
E16	JB	---	---	---	POS SYSTEM	VERIFY	VERIFY	---	BTC; RE: NOTE #14 - EMPTY CONDUIT W/ PULL WIRE. EXTEND TO CASH REGISTERS
E101	JB	5.1A	120	1	AIR SCREEN	WALL	82"	---	BTC; RE: NOTE #4 - MICRO-SWITCH IN DOOR FRAME
E102A	JB	16.0A	120	1	DOOR HEATER/LIGHTS	CLG	DFA	---	BTC; RE: NOTE #4 & #7
E102B	JB	5.0A	120	1	TEMP. ALARM	CLG	DFA	---	BTC; RE: NOTE #4 & #7
E102C	JB	5.0A	120	1	PRESSURE RELIEF PORT	CLG	DFA	---	BTC; RE: NOTE #4 & #7
E103	JB/DS	32.3A	208	3	REFRIGERATION SYSTEM	VERIFY	VERIFY	---	BTC; RE: NOTE #4 & #5; WEATHERPROOF DISCONNECT SWITCH
E103C	JB	11.7A	208	1	FREEZER COIL	CLG	DFA	---	BTC; RE: NOTE #4 & #7
E103D	JB	1.8A	120	1	COOLER COIL	CLG	DFA	---	BTC; RE: NOTE #4 & #7
E110	SR	30.0A	120/208	1	STACKED WASHER DRYER	WALL	48"	---	VERIFY NEMA PLUG RECEPTACLE
E125	DCR	16.0A	120	1	TABLE RECEPTACLE/20 QT. MIXER	CLG	84"	---	TWIST LOCK RECEPTACLE
E139	DCR	16.0A	120	1	TABLE RECEPTACLE/HEATED CABINET	CLG	84"	---	TWIST LOCK RECEPTACLE
E151	JB	1.0A	120	1	FIRE PROT. SYSTEM	CLG	DFA	---	BTC; RE: NOTE #4, #6, #9 & #11
E153	JB	10.0A	120	1	HOOD LIGHTS	CLG	DFA	---	BTC; RE: NOTE #4, #6, #9 & #10
E153M	JB	10.0A	120	1	HEAT SENSOR	CLG	DFA	---	BTC; RE: NOTE #4, #6, #9 & #10
E161	(2)DR	10.0A EA.	120	1	CONVECTION OVEN	WALL	24"/48"	---	SHUNT TRIP BREAKER
E162	(2)JB	15.0A EA.	120	1	CONVECTION STEAMER	WALL	24"/60"	---	SHUNT TRIP BREAKER
E164	JB	5.0A	120	1	TILT BRAISING PAN	WALL	24"	---	SHUNT TRIP BREAKER
E187	JB	15.5A	120/208	1	HEATED CABINET	WALL	96"	---	MOUNT ON KITCHEN SIDE
E188	DR	7.2A	120	1	REFRIGERATOR	WALL	96"	---	MOUNT ON KITCHEN SIDE
E201B	CS	80.0A	120/208	3	LOAD CENTER	FLOOR	6"	---	BTC; RE: NOTE #4 & #12
E214	DR	16.0A	120	1	CASH REGISTER	WALL	24"	---	DEDICATED CIRCUIT
E214A	JB	---	---	---	POS	WALL	24"	---	BTC; RE: NOTE #14 - EMPTY CONDUIT
E218	PMR	16.0A	120	1	ICE CREAM CABINET	FLOOR	4.5"	---	
E250	JB/DS-JB	---	---	---	DISHMACHINE	WALL	66"	---	BTC; RE: NOTE #4 & #5 - EXTEND FROM JB/DS AT NEAREST WALL
E250A	JB/DS	27.9A	480	3	DISHMACHINE	WALL	54"	---	BTC; RE: NOTE #4 & #5 - INTERCONNECT TO E250
E252	JB/DS-JB	---	---	---	BOOSTER HEATER	WALL	24"	---	BTC; RE: NOTE #4 & #5 - EXTEND FROM JB/DS AT NEAREST WALL
E252A	JB/DS	43.4A	480	3	BOOSTER HEATER	WALL	54"	---	BTC; RE: NOTE #4 & #5 - INTERCONNECT TO E252
E601	DCR	16.0A	120	1	TABLE RECEPTACLE/HOT WATER DISPENSER	CLG	84"	---	TWIST LOCK RECEPTACLE
E632	DR	1.0A	120	1	6 BURNER RANGE	WALL	24"	---	SHUNT TRIP BREAKER
E706	PMR	5.2A	120	1	UNDERCOUNTER ICEMAKER	FLOOR	4.5"	---	
E825	WPR	16.0A	120	1	REMOTE FILTER SYSTEM	WALL	96"	---	



SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
SCR	CONDUIT STUB BTC ON RECEPT FURNISH WITH EQUIPMENT	CC	CONDUIT FOR COMPUTER CABLES
CS	CONDUIT STUB UP/OUT FOR DIRECT CONNECTION	BTC	BRANCH TO CONNECTION ON EQUIPMENT
DR	20 AMP DUPLEX RECEPTACLE (MOUNT HORIZONTAL)	WPR	20 AMP WEATHERPROOF RECEPTACLE (SPRING COVER)
SR	SINGLE PURPOSE RECEPTACLE	FPB	FIRE PROTECTION BUZZER
SRV	SINGLE PURPOSE RECEPT. 208V 1PH	BSC	BEVERAGE SYSTEM CONDUIT
FR	FLUSH FLOOR RECEPTACLE	DFA	DROP FROM ABOVE
PMR	PEDestal MOUNTed RECEPTACLE	AFF	ABOVE FINISH FLOOR
DCR	DROP CORD RECEPTACLE	CSUB	JUNCTION BOX ON PEDSTAL
JB	JUNCTION BOX ON CEILING	DS	DISCONNECT SWITCH
JBW	JUNCTION BOX IN WALL	JBDS	CONDUIT STUB-UP WITH DISCONNECT BY DIV.26



- 1. ELECTRICAL GENERAL NOTES**  
NONE
- DO NOT ROUGH-IN FROM THIS DRAWING. REFER TO THE CONTRACTOR'S DIMENSIONED DRAWINGS.
  - VERIFY ALL ELECTRICAL CHARACTERISTICS WITH ENGINEERING DRAWINGS.
  - DIMENSIONS INDICATED ARE TO BE VERIFIED BY CONTRACTOR AND ADJUSTED AS REQUIRED BY FOODSERVICE EQUIPMENT AND/OR FIELD CONDITIONS.
  - ACCESSORIES AND FITTINGS PROVIDED LOOSE WITH FOODSERVICE EQUIPMENT BY SECTION 11 40 00. FIELD INSTALLED BY DIVISION 26.
  - STAINLESS STEEL DISCONNECT SWITCH PROVIDED AND INSTALLED BY DIVISION 26.
  - ALL ELECTRICAL CONNECTIONS BENEATH EXHAUST HOOD TO EXTEND TO SHUNT TRIP BREAKERS WITHIN ELECTRICAL PANEL BOX FOR SHUT-DOWN DURING FIRE MODE - BY DIVISION 26.
  - DOOR HEATER(S), LIGHT(S), COIL(S) AND PRESSURE RELIEF PORT(S) PRE-WIRED TO JUNCTION BOX AT TOP OF COLD STORAGE ASSEMBLY BY SECTION 11 40 00.
  - N/A
  - INTERCONNECT TO EXHAUST HOOD FAN(S) AND SWITCH BY DIVISION 26.
  - INTERCONNECT TO EXHAUST HOOD LIGHT(S) AND SWITCH BY DIVISION 26.
  - INTERCONNECT FIRE PROTECTION SYSTEM TO PANEL BOX SHUNT TRIP(S) AND BUILDING ALARM - BY DIVISION 26.
  - RECEPTACLE(S) TO BE PRE-WIRED TO JUNCTION BOX OR LOAD CENTER FOR FINAL CONNECTION BY DIVISION 26.
  - SECTION 11 4000 TO VERIFY UTILITY REQUIREMENTS OF EXISTING EQUIPMENT.
  - EMPTY CONDUIT RUN FROM CASHIER STATION TO MANAGERS OFFICE FOR POS SYSTEM BY DIVISION 26. LOCATION OF MANAGERS OFFICE TO BE VERIFIED.

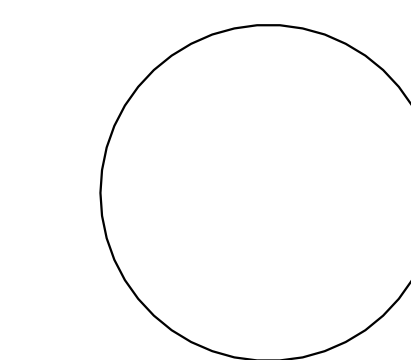
FOODSERVICE ELECTRICAL CONNECTION PLAN  
1/4" = 1'-0"

FOODSERVICE CONCESSION ELECTRICAL PLAN  
1/4" = 1'-0"

3

1





MORROW  
ELEMENTARY

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SCHOOLS  
OWASSO, OK  
2018

PROJECT

KEY PLAN

FS SECTIONS  
& DETAILS

REVISIONS

03.06.18

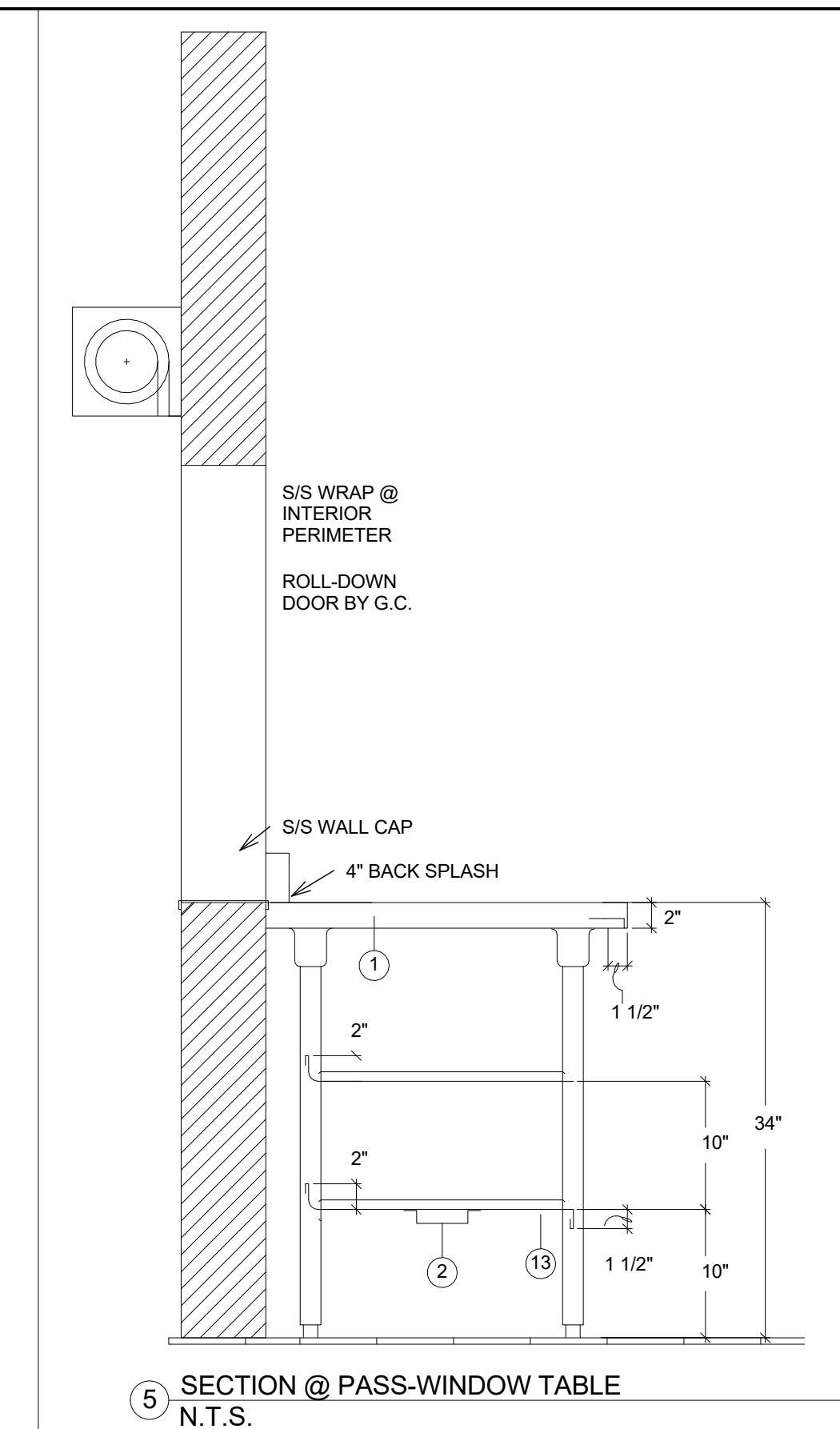
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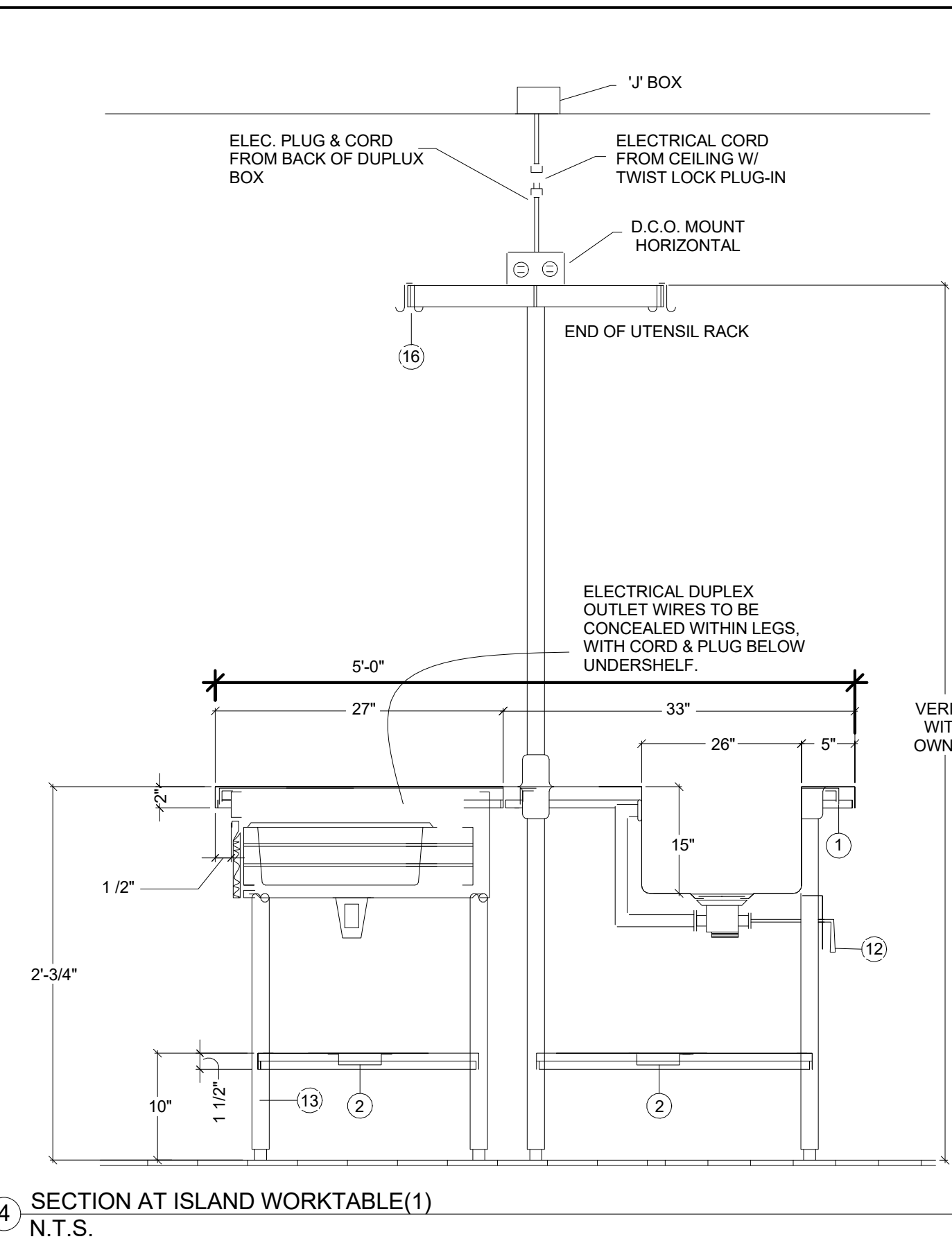
FS-6

SHEET TITLE

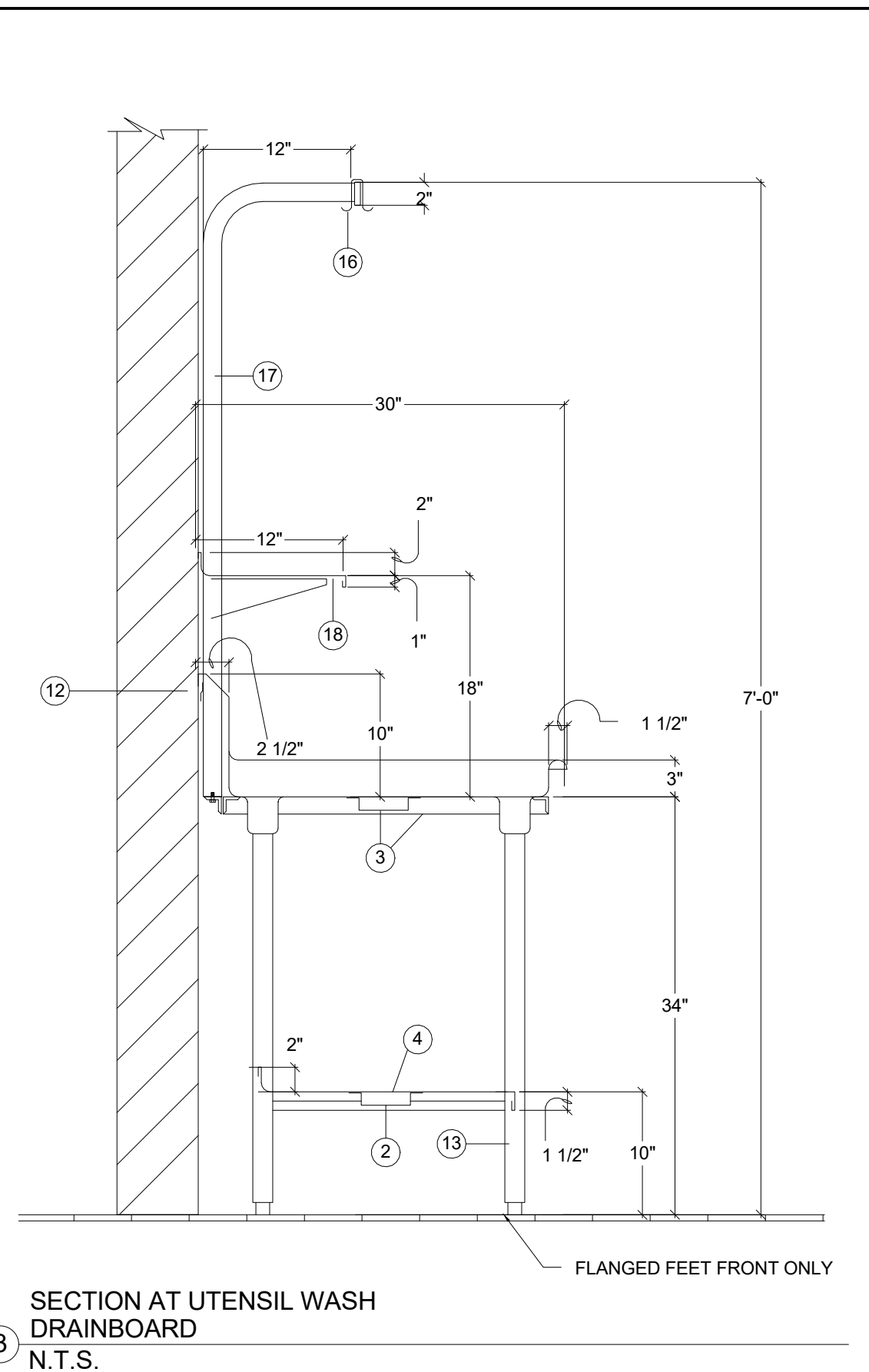
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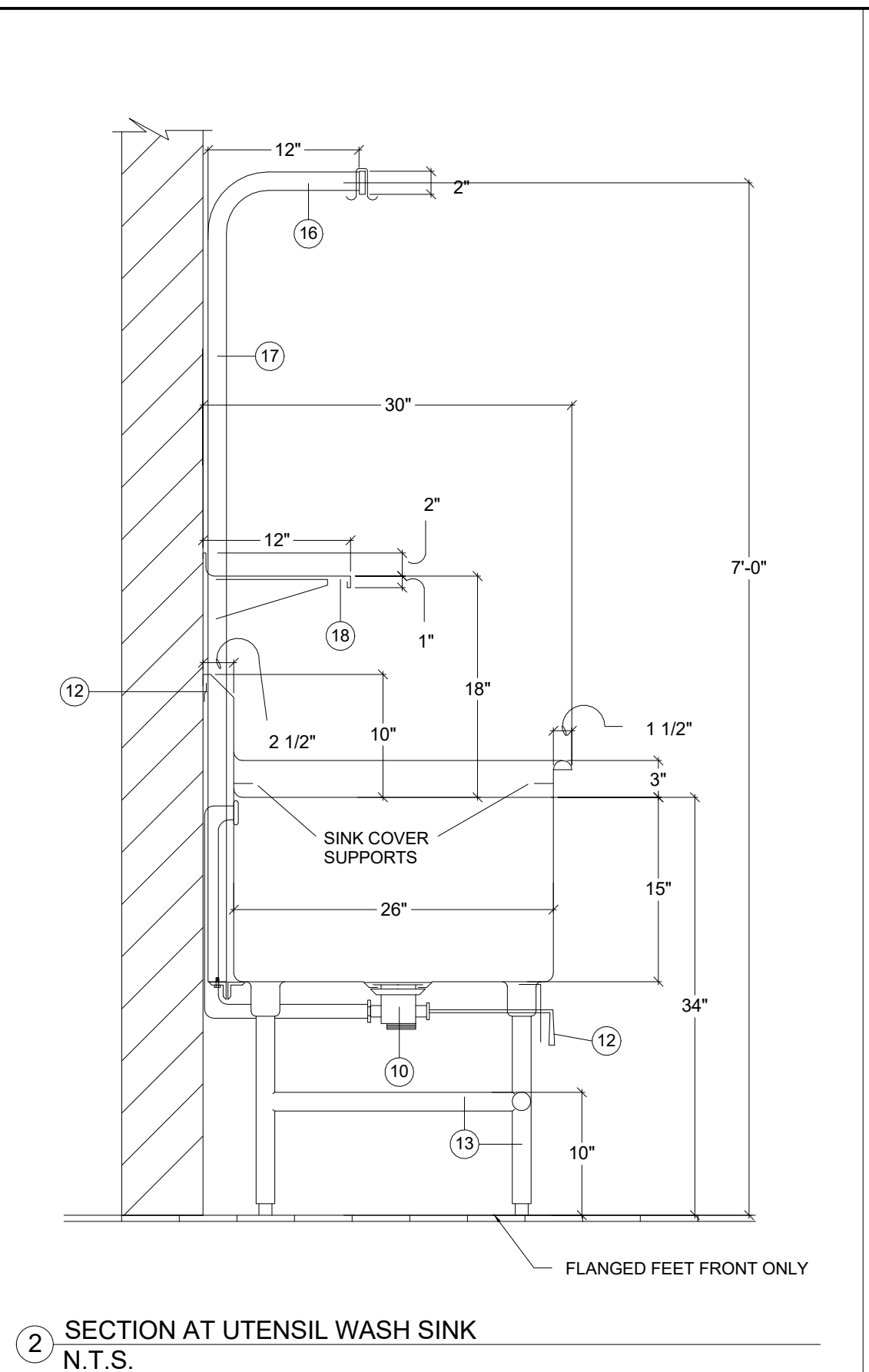
5 SECTION @ PASS-WINDOW TABLE  
N.T.S.



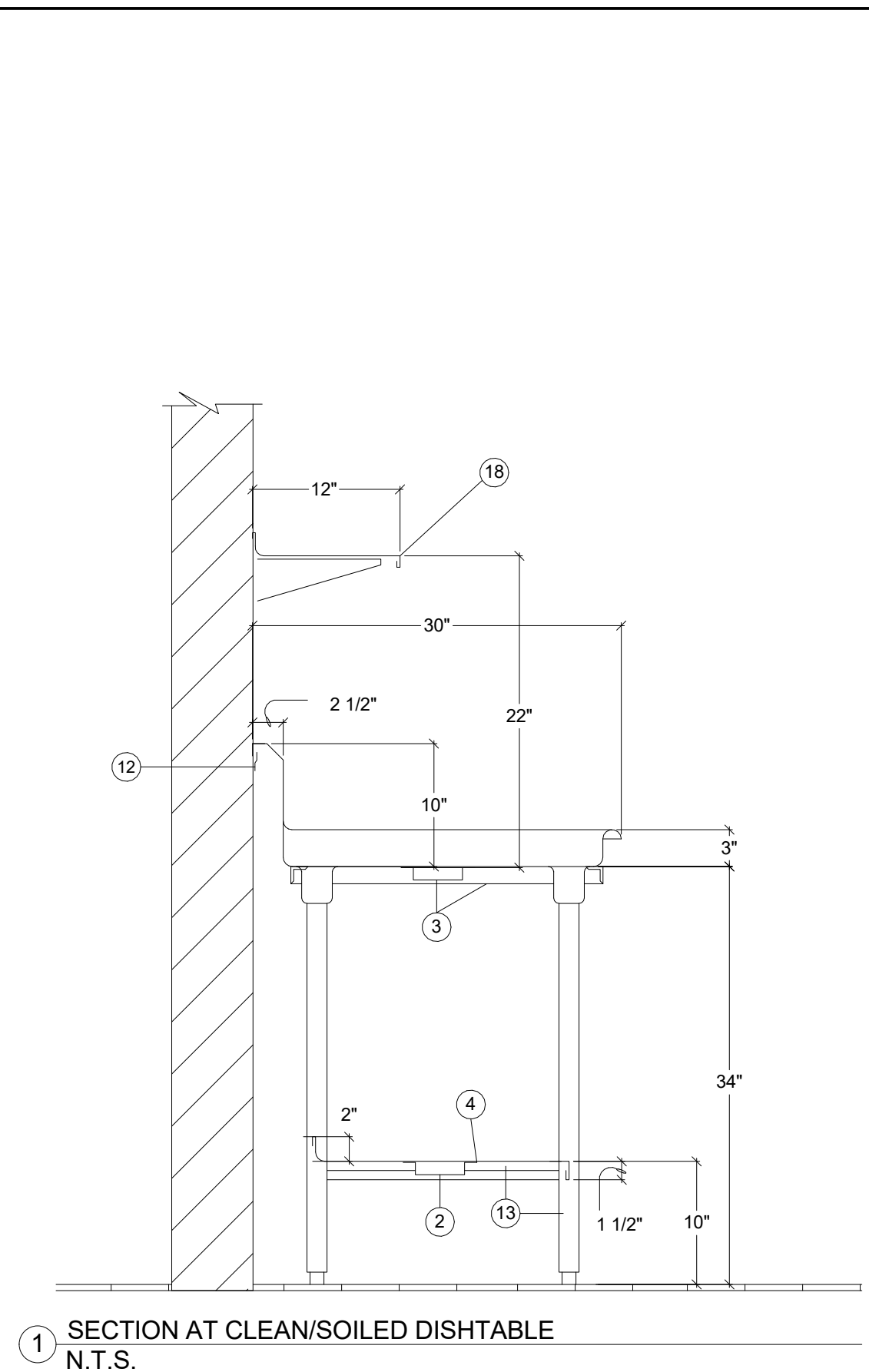
4 SECTION AT ISLAND WORKTABLE(1)  
N.T.S.



3 SECTION AT UTENSIL WASH DRAINBOARD  
N.T.S.



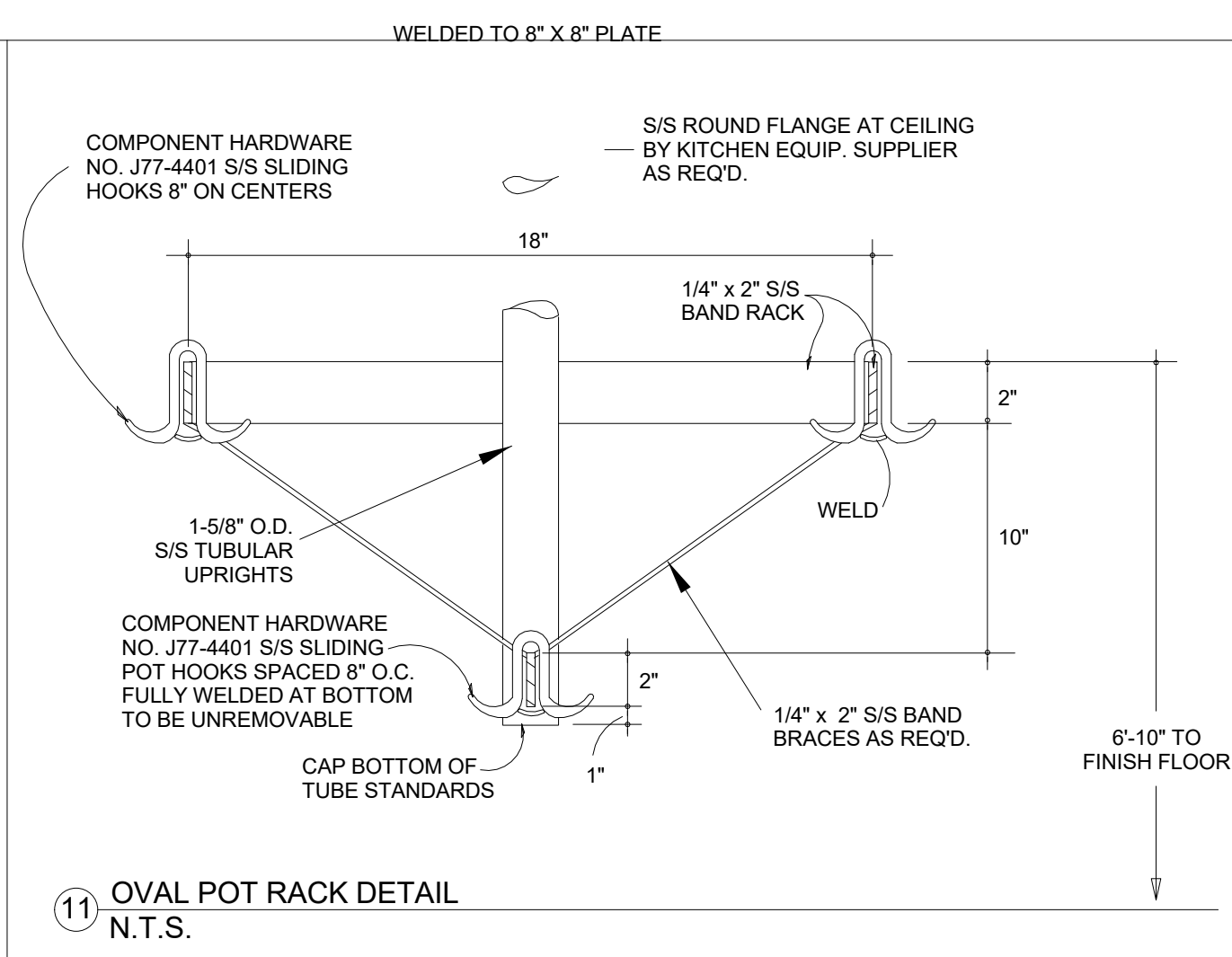
2 SECTION AT UTENSIL WASH SINK  
N.T.S.



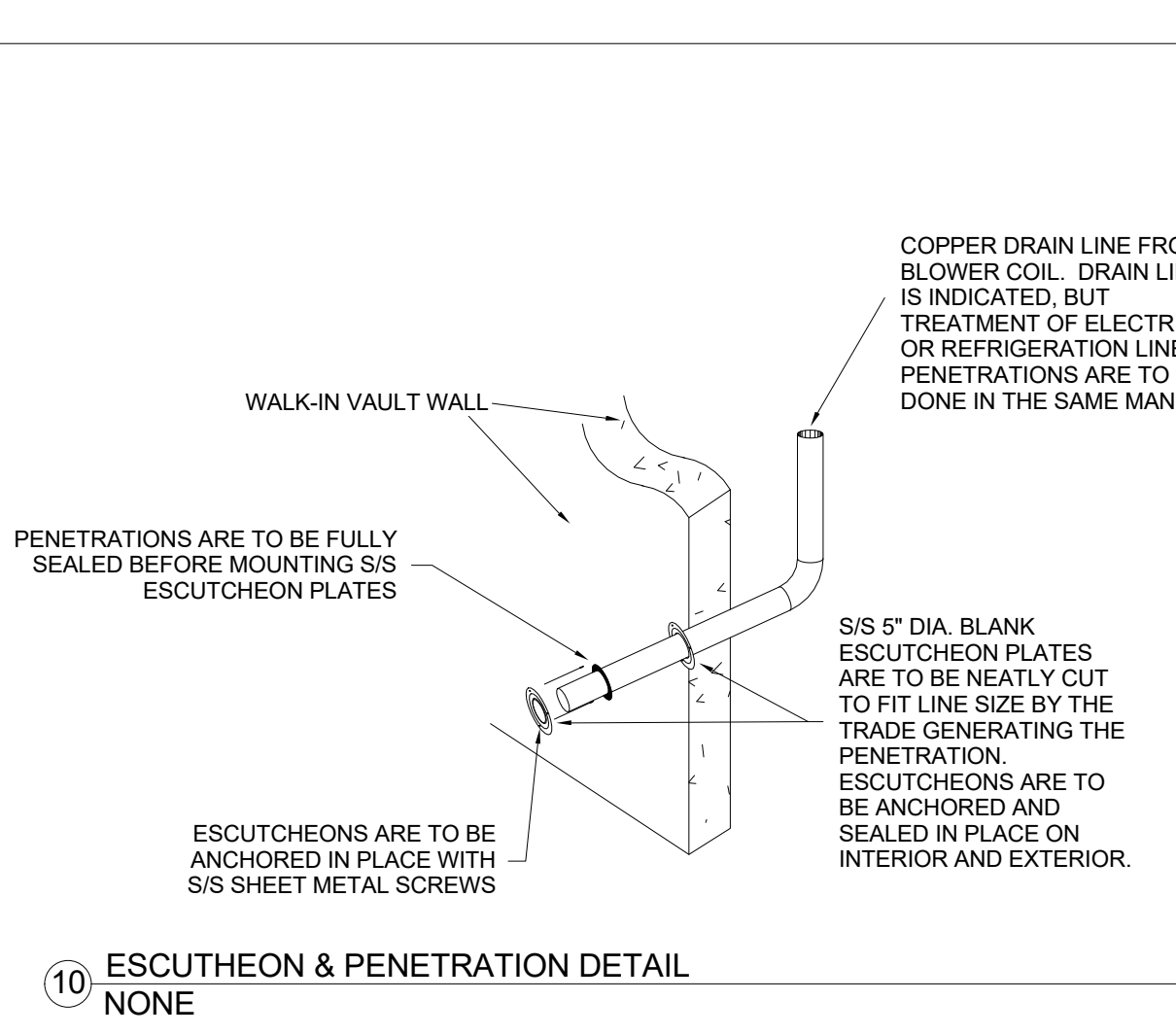
1 SECTION AT CLEAN/SOILED DISHTABLE  
N.T.S.

- 1 1/2" X 1 1/2" X 1/8" GALVANIZED ANGLE IRON.
- 1" X 4" 14 GAUGE STAINLESS STEEL HAT CHANNEL.
- 16 GAUGE STAINLESS STEEL C-CHANNEL.
- 16 GAUGE STAINLESS STEEL UNDERSHELF, COVE UP REAR 2", TURN DOWN FRONT 1 1/2".
- 3/4" MARINE GRADE PLYWOOD BY SECTION 11 40 00 WITH TILE FRONT BY TRADE CONTRACTOR. VERIFY FINISH WITH ARCHITECTURAL DRAWINGS.
- COLD PAN - 2" RIGID INSULATION WITH 1" C.P. DRAIN - 16 GAUGE STAINLESS STEEL SECTION FALSE BOTTOM. PERFORATE FALSE BOTTOM WITH 1/4" DIA. HOLES AT 3" O.C.
- 18 GAUGE STAINLESS STEEL INSULATED DOUBLE PAN DOOR WITH RECESSED PULL.
- MANIFOLD DRAINS AT HOT FOOD UNITS WITH 1" TYPE 'K' COPPER AND EXTEND TO WAVE IN PLUMBING COMPARTMENT.
- FINISHED TRUE AND LEVEL MASONRY BASE BY DIVISION 9. CLOSE COUNTER BODY AT BASE AND SEAL BY SECTION 11 40 00.
- FISHER #22314 DRAIN WITH TAILPIECE AND OVERFLOW.
- 14 GAUGE STAINLESS STEEL BRACKET WITH DRAIN HANDLE BUSHING.
- 16 GAUGE STAINLESS STEEL 'Z' CLIP TO WALL AND SEAL.
- 1 5/8" DIA. 16 GAUGE STAINLESS STEEL LEGS AND CROSS RAILS.
- 1/2" S/S TUBING DRAIN LINE - STRAP TO SHELF AND WALL - EXTEND DOWN TO TOP OF SPLASH.
- 1 5/8" DIA. 16 GAUGE STAINLESS STEEL TUBING - SUPPORT FRONT OF SHELF WITH 1/2" ALL-THREAD INSIDE TUBING EXTENDING TO STRUCTURE ABOVE.
- 1/4" S/S BAR STOCK WELDED TO TOP OF EACH POST - POT HOOKS TO BE COMPONENT HARDWARE #J77-4401 SPACED 8" O.C.
- 1 5/8" 16 GAUGE STAINLESS STEEL TUBING - BOLT TO ANGLE IRON AND EXTEND UP THRU SPLASH TO 7'-0" A.F.F. OVERSHELF - 16 GAUGE STAINLESS STEEL COVE UP REAR 2", TURN FRONT AND ENDS DOWN 1", ENDS TO BE CAPPED WITH EASED CORNERS WHERE ADJACENT TO WALL / FIXTURE.
- 18 GA. S/S LOUVERED PANEL.
- 18 GAUGE STAINLESS STEEL LOUVERED DOUBLE PAN DOOR WITH RECESSED PULL.
- NUMBER NOT USED.
- 18 GA. STAINLESS STEEL INSULATED DOUBLE PAN SLIDING DOOR WITH COMPONENT HARDWARE COMPONENTS  
A. #B57 - (VERIFY LENGTH) EXTRUDED ALUMINUM TRACK.  
B. #B55-5511 & #B58-5521 FRONT & REAR DOOR SHEAVES.  
C. #B62-1093 DOOR GUIDE  
D. #B60-1086 DOOR STOPS WHERE NEEDED  
E. #P62-1010 RECESS PULLS

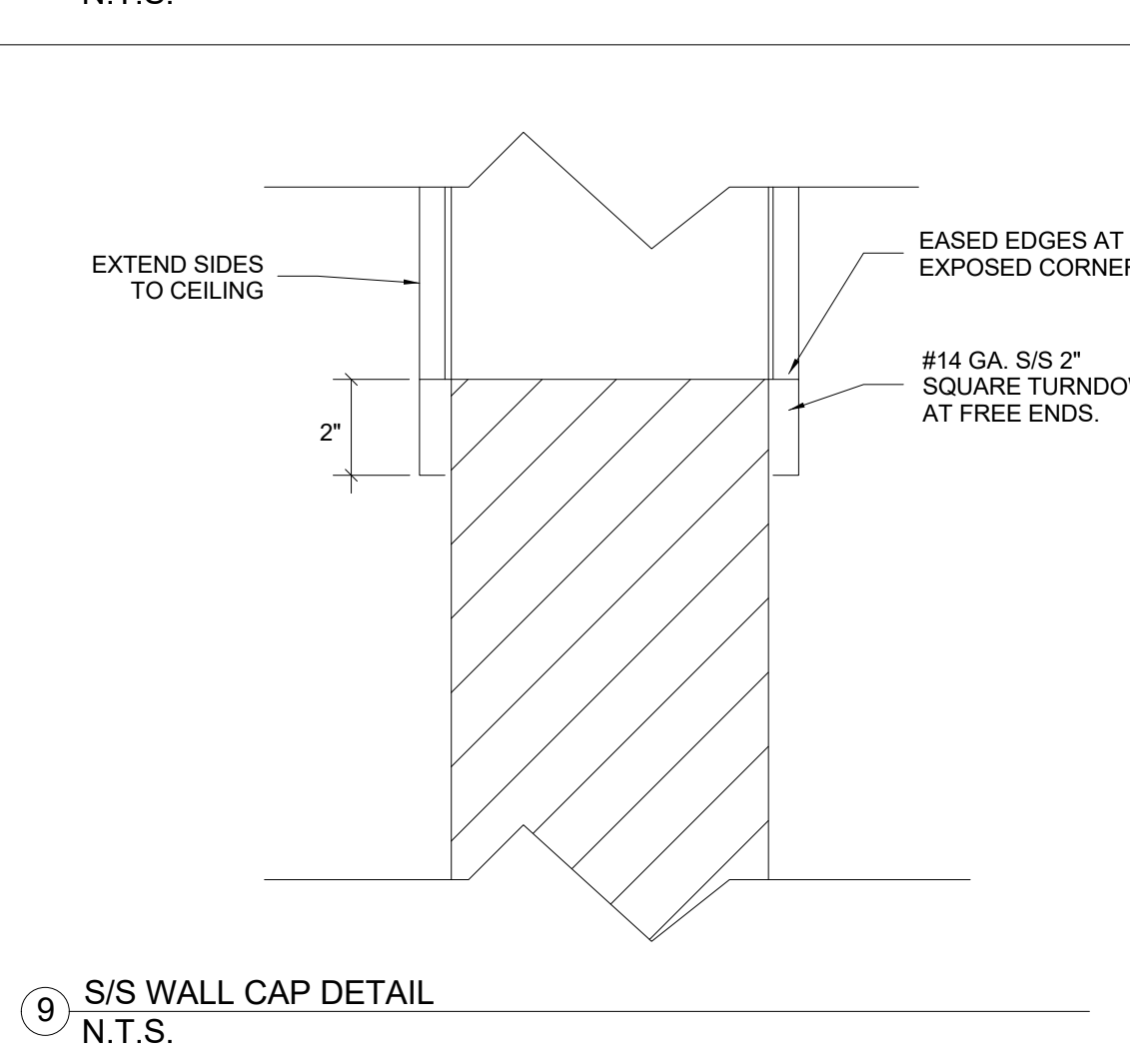
12 SECTION DETAIL NOTES  
N.T.S.



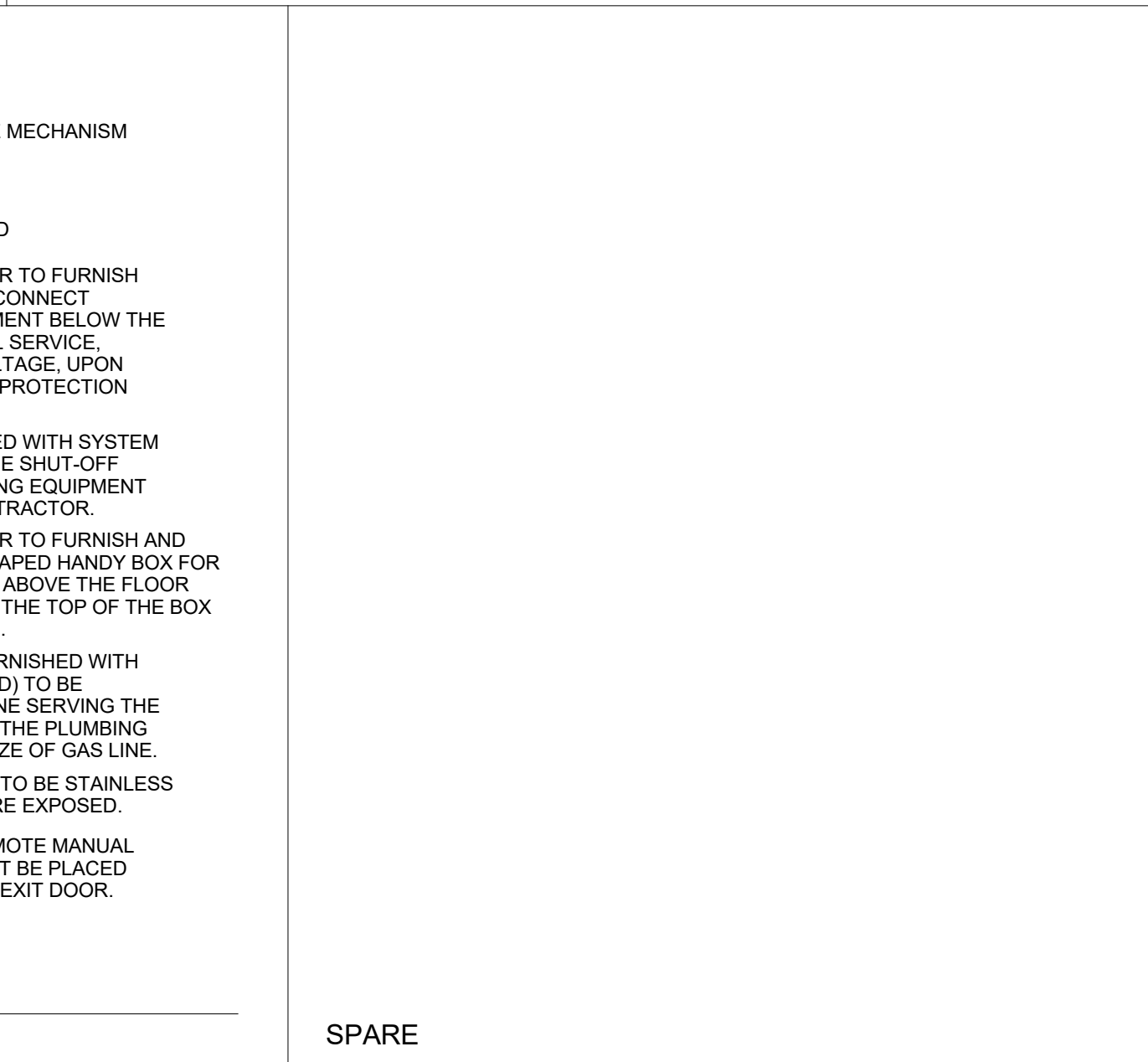
11 OVAL POT RACK DETAIL  
N.T.S.



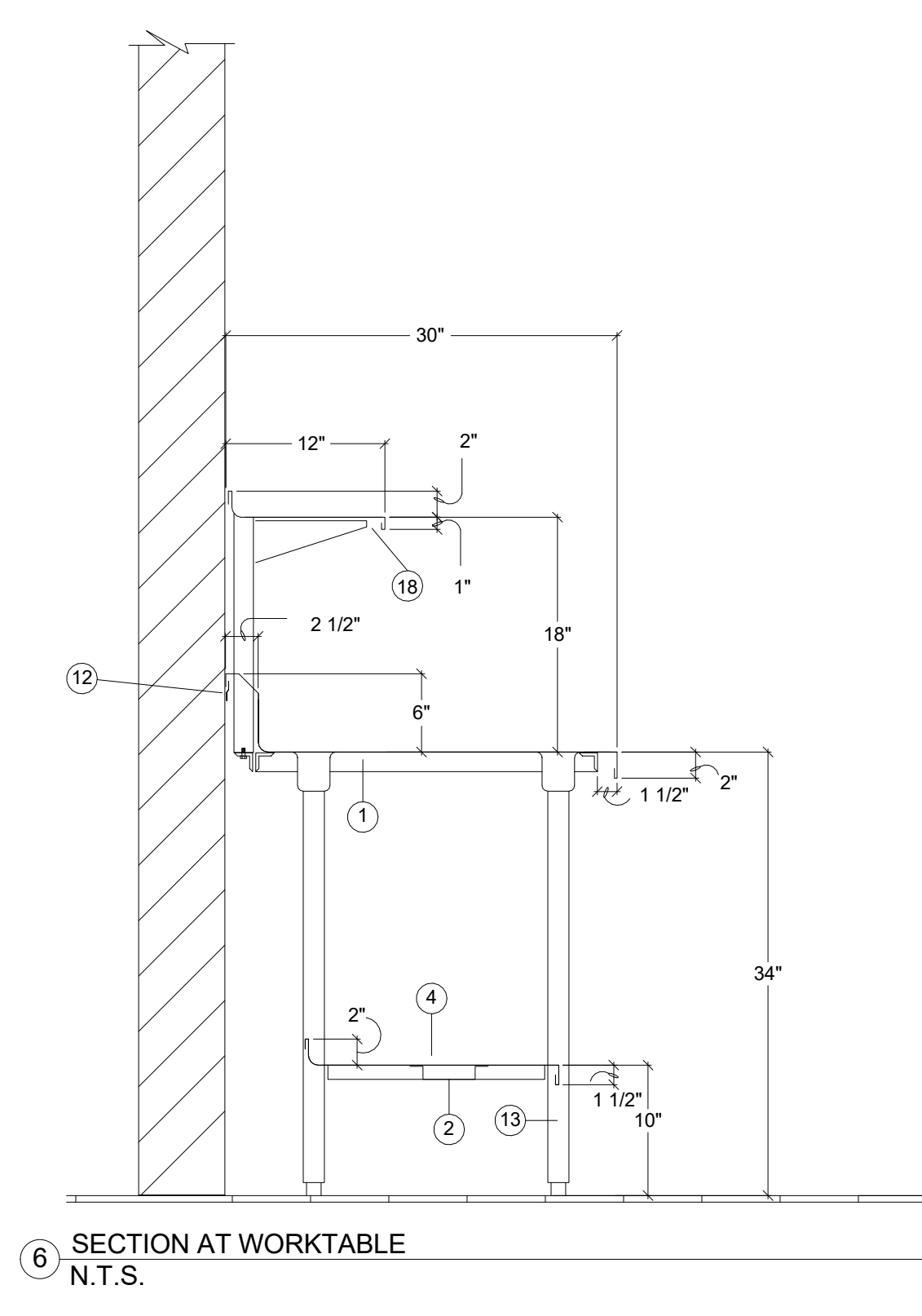
10 ESCUTCHEON & PENETRATION DETAIL  
NONE



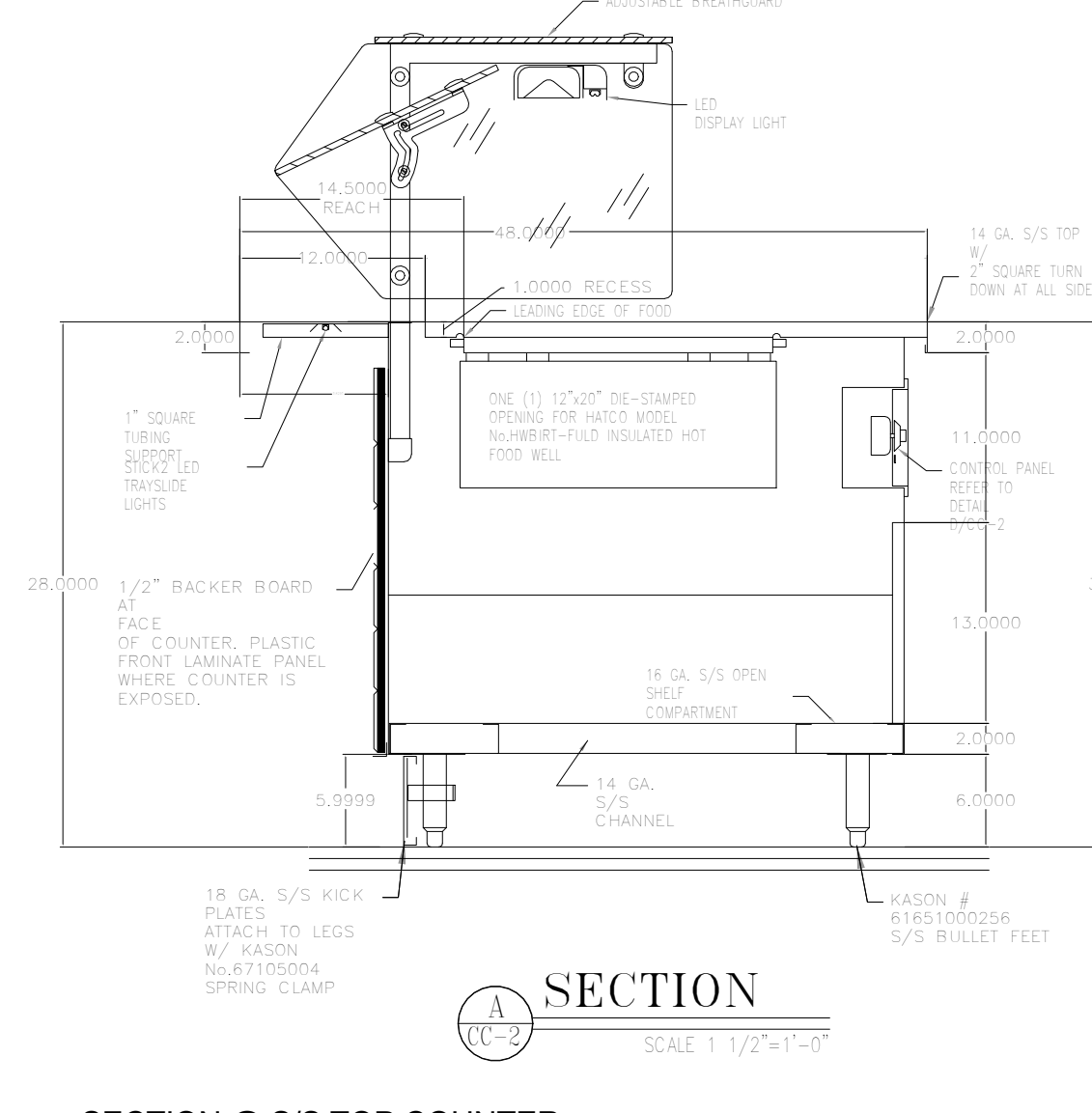
9 S/S WALL CAP DETAIL  
N.T.S.



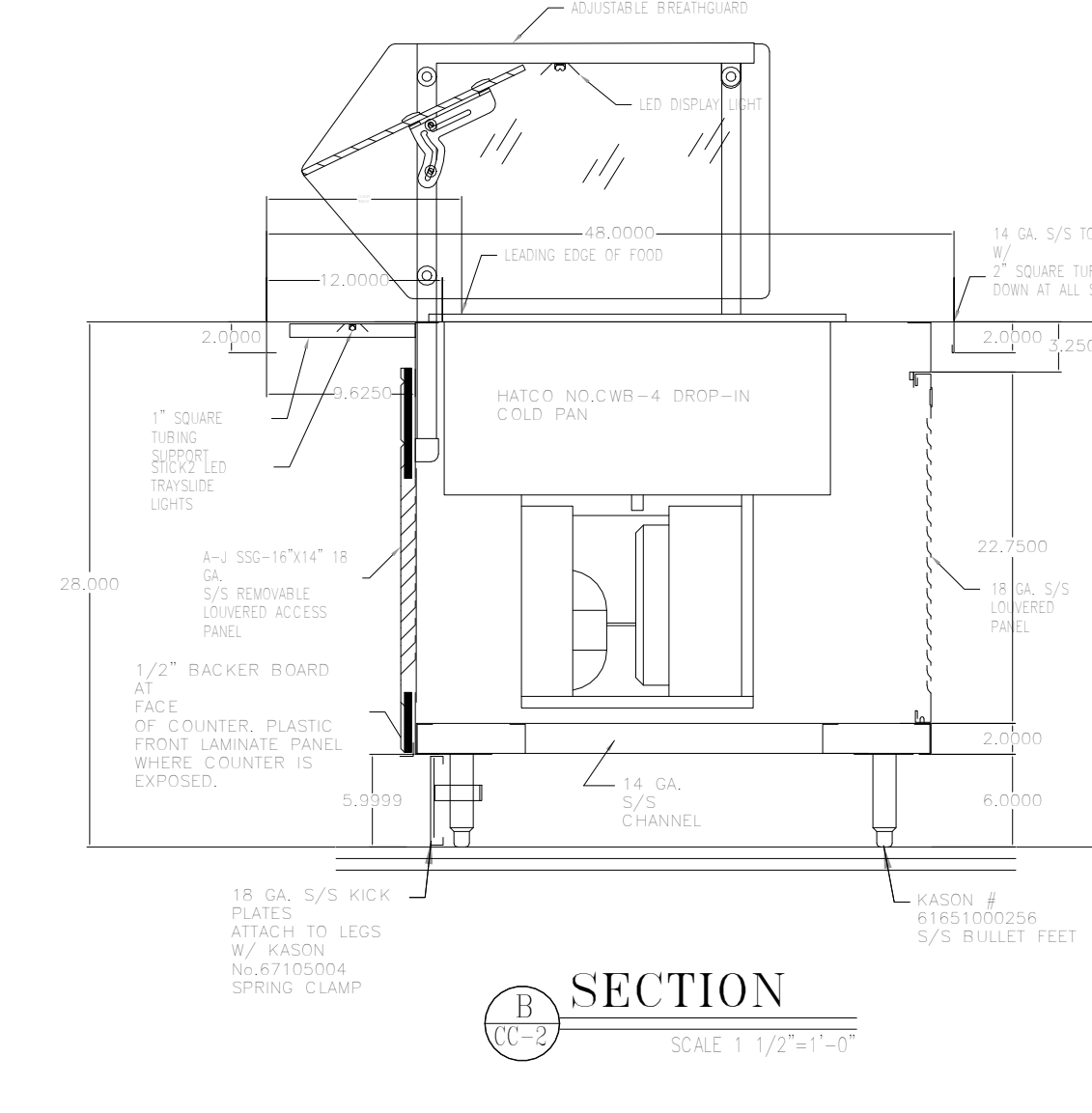
13 FIRE PROTECTION SYSTEM  
N.T.S.



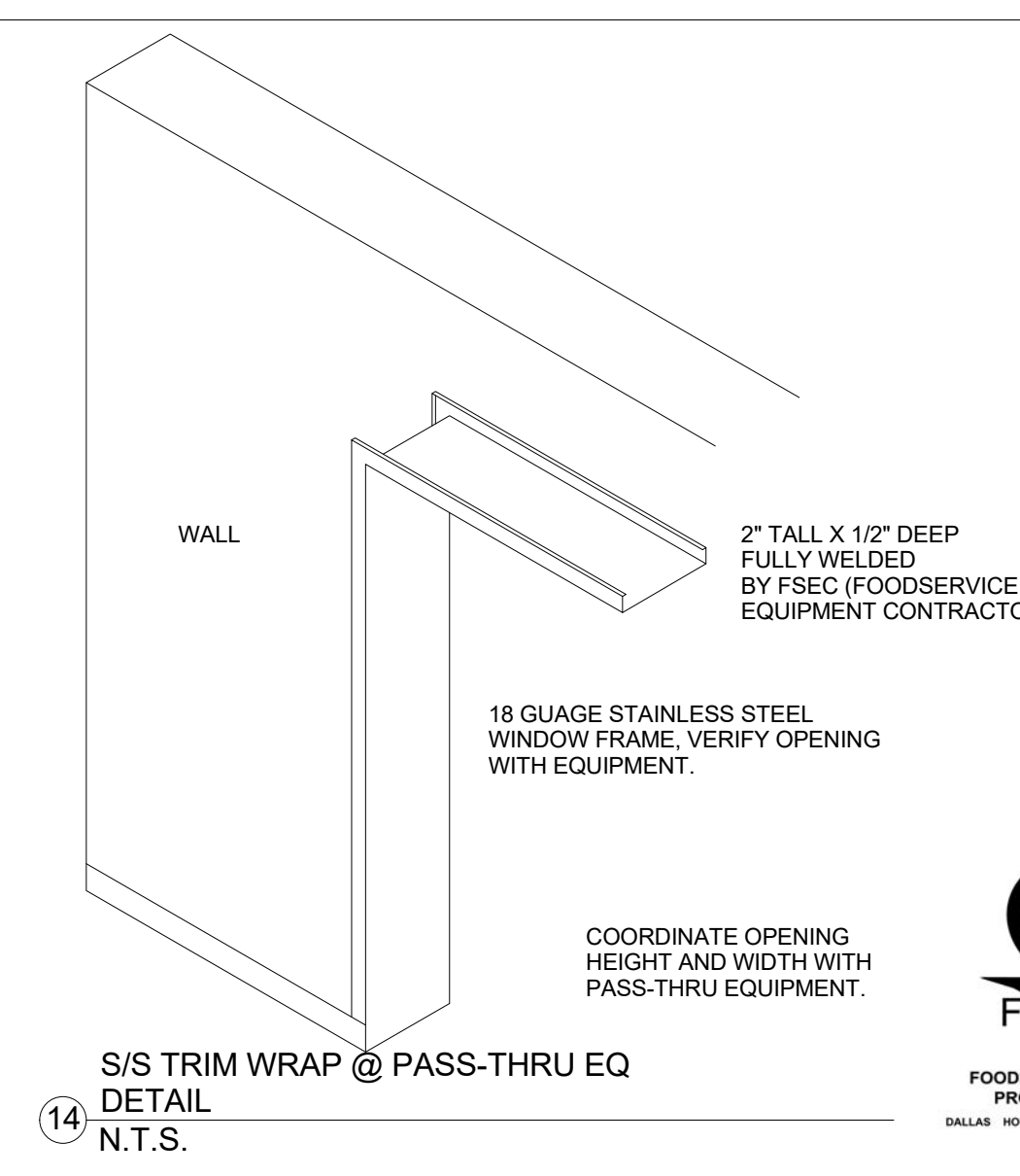
6 SECTION AT WORKTABLE  
N.T.S.



7 SECTION @ S/S TOP COUNTER  
N.T.S.



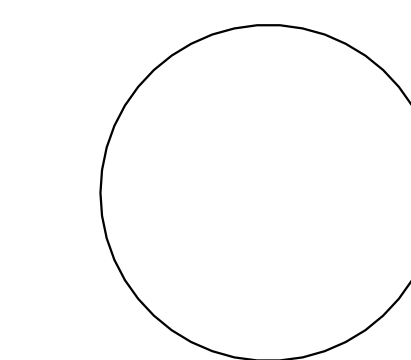
8 SECTION AT WORKTABLE WITH OVAL POT RACK  
N.T.S.



14 S/S TRIM WRAP @ PASS-THRU EQ  
DETAIL  
N.T.S.



FOODSERVICE DESIGN  
PROFESSIONALS  
DESIGNERS ARCHITECTS PLANNERS



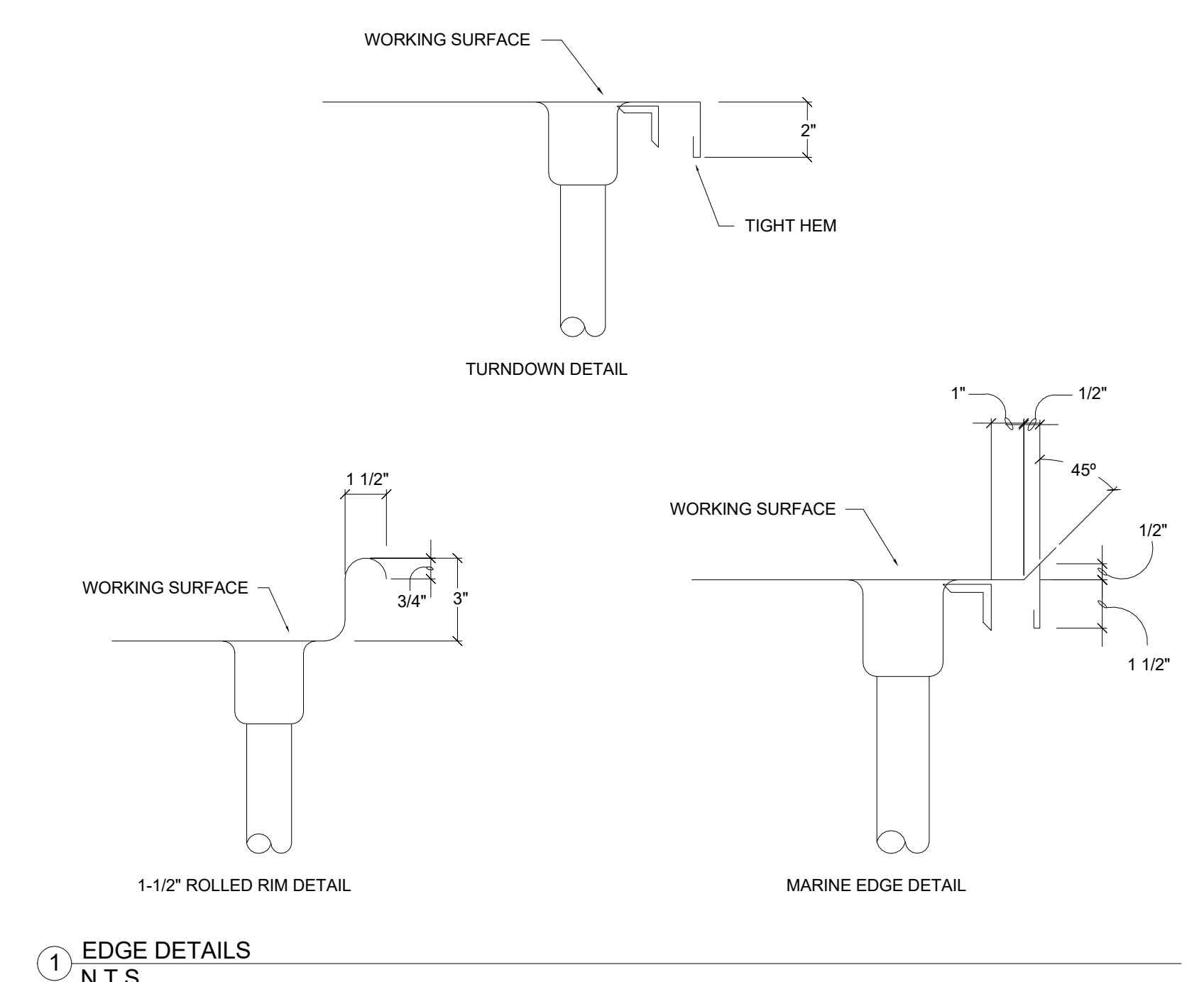
MORROW  
ELEMENTARY

OWASSO PUBLIC  
SCHOOLS  
OWASSO, OK  
2018

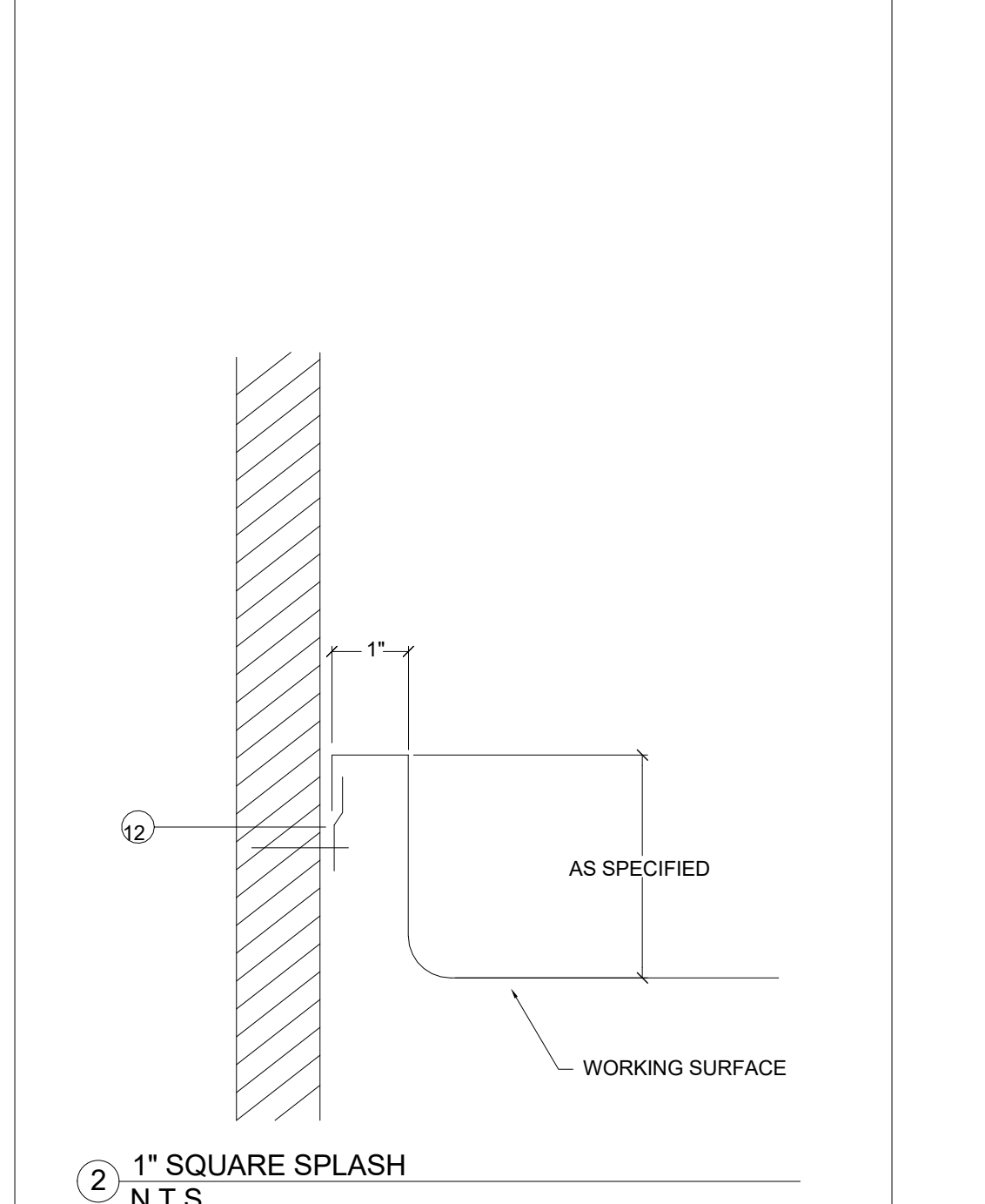
FS DETAILS

03.06.18

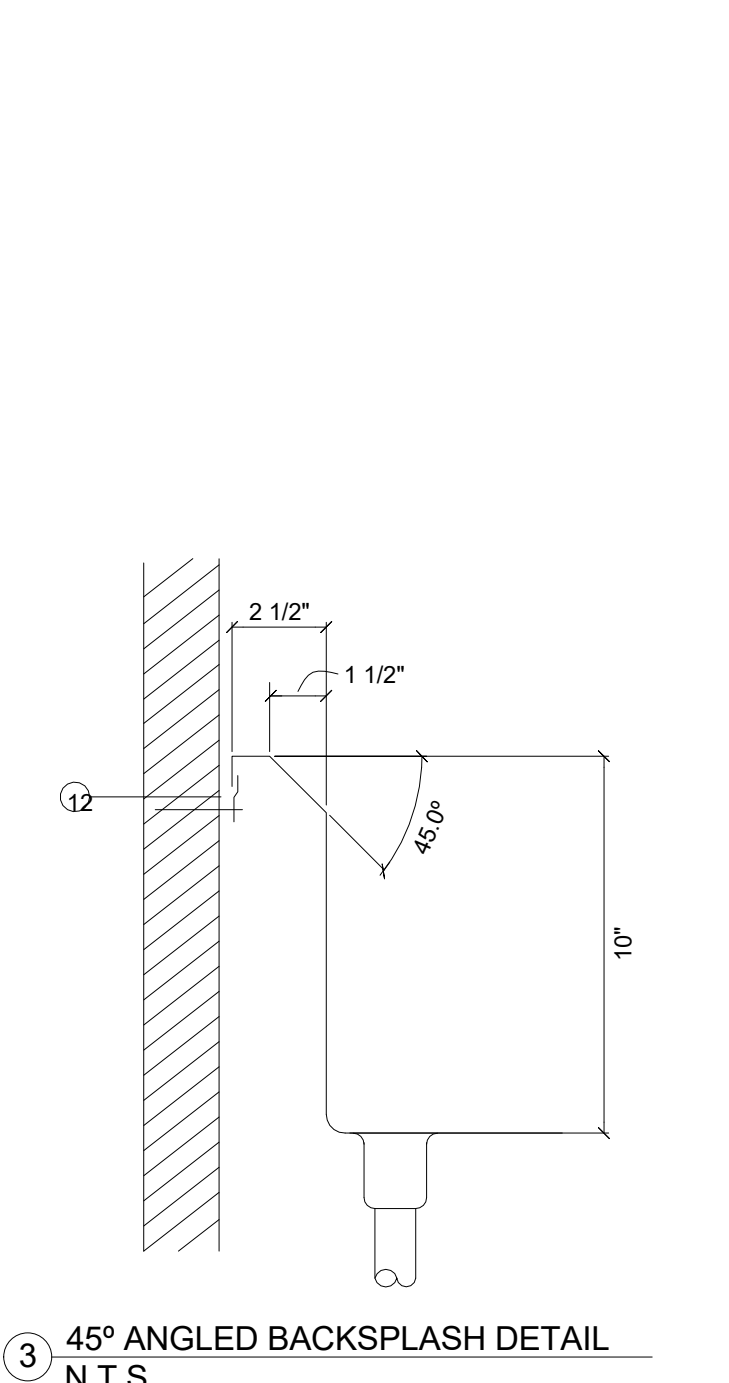
FS-7



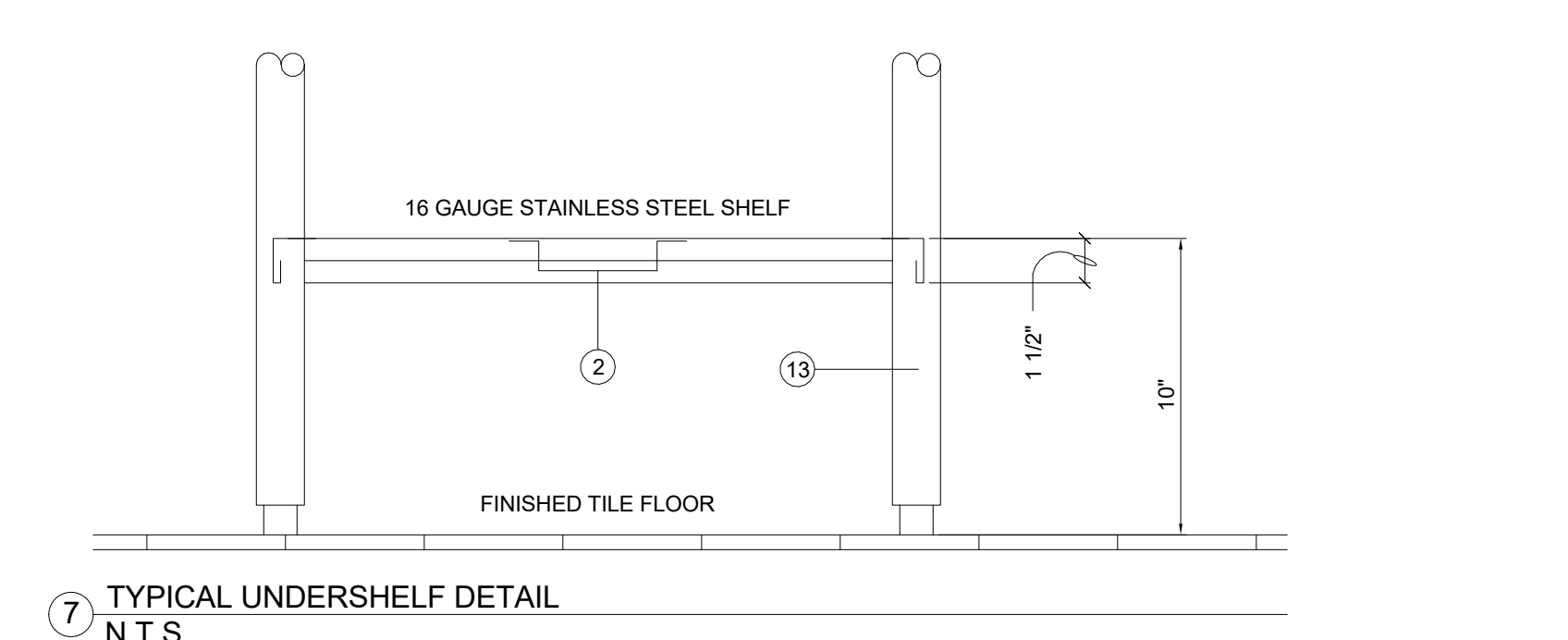
1 EDGE DETAILS  
N.T.S.



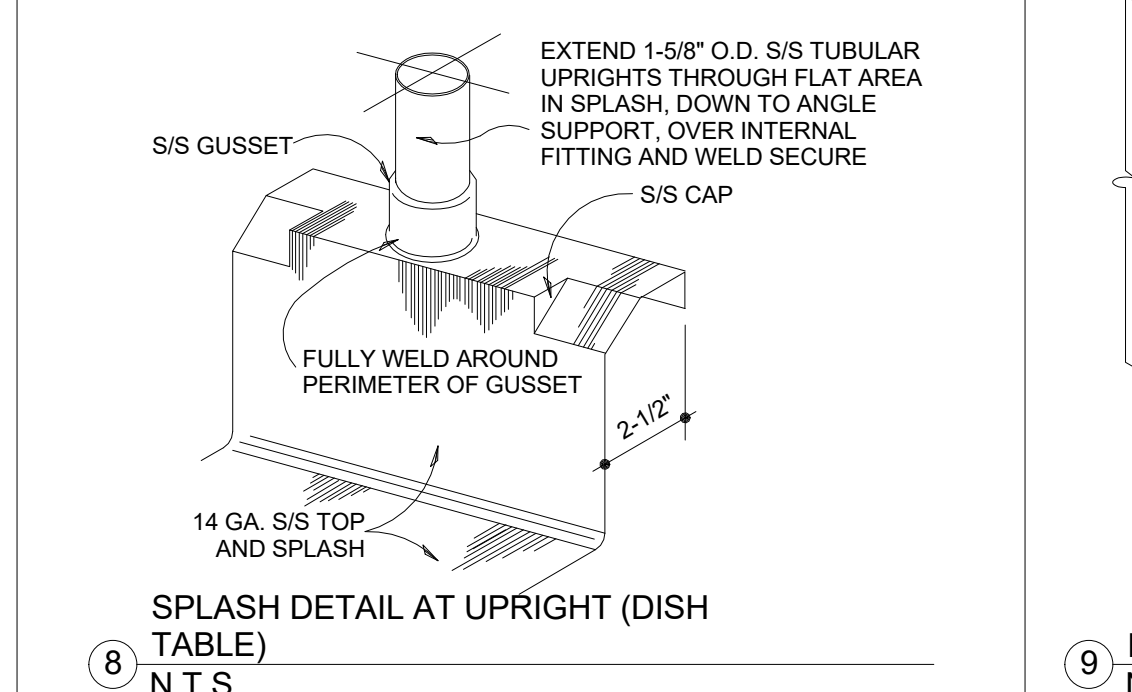
2 1" SQUARE SPLASH  
N.T.S.



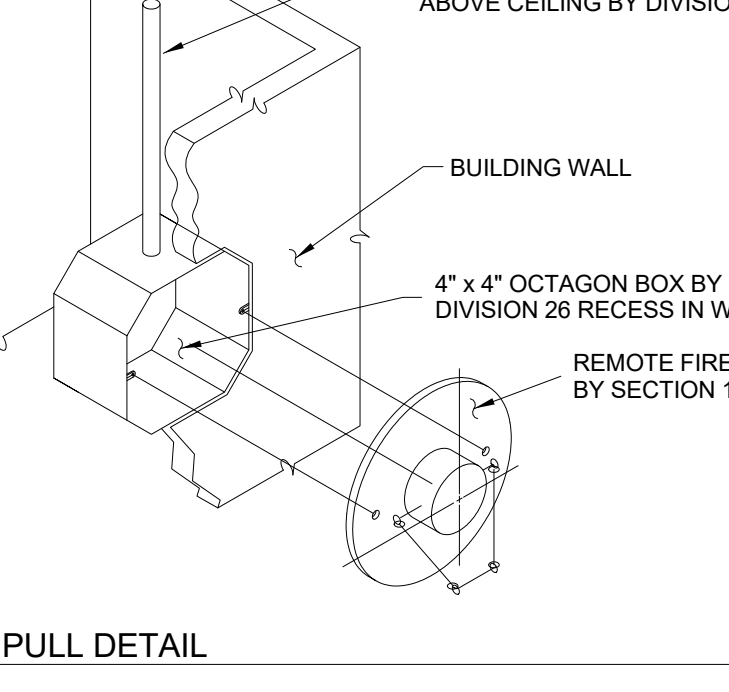
3 45° ANGLED BACKSPLASH DETAIL  
N.T.S.



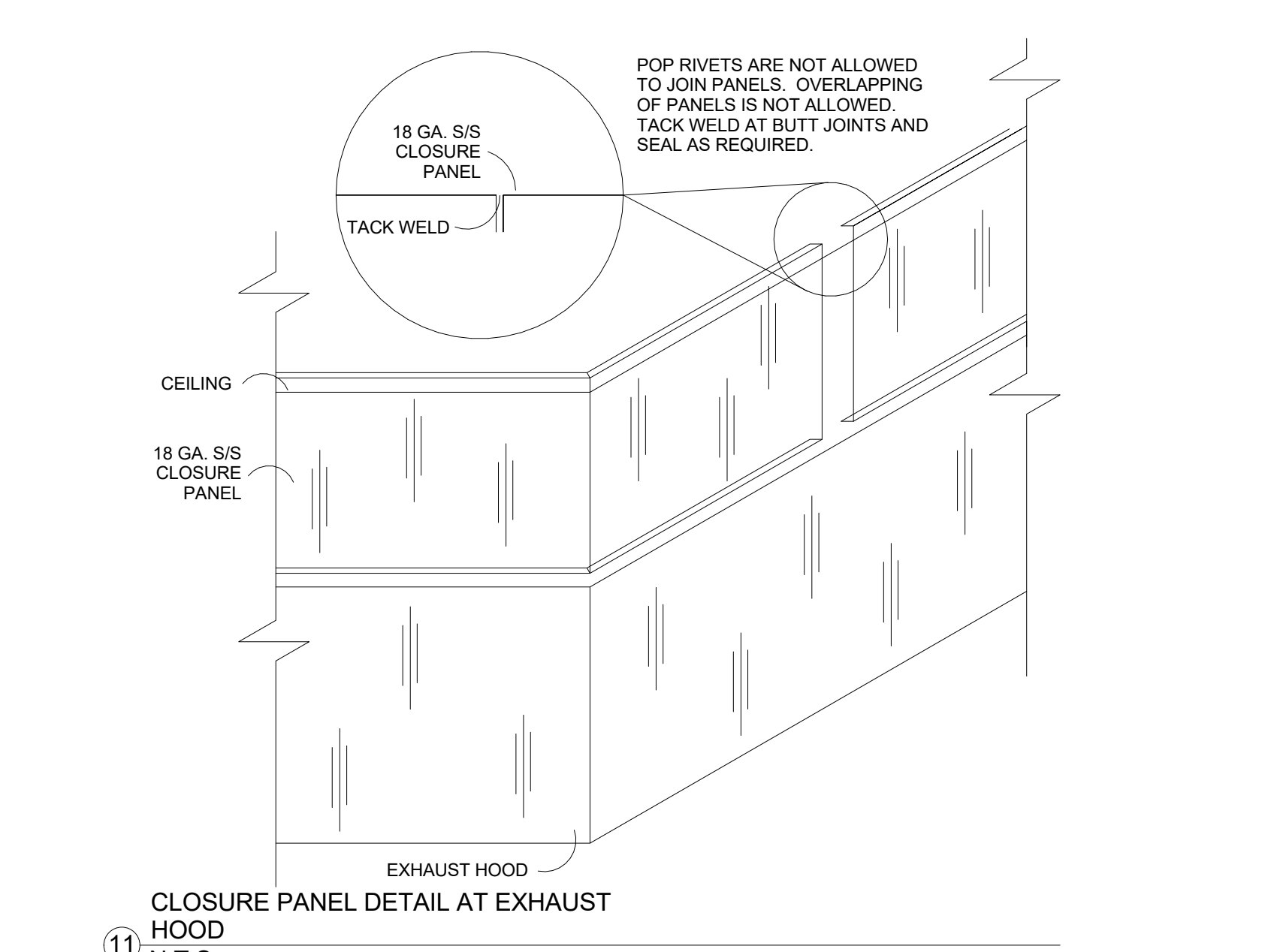
7 TYPICAL UNDERSHELF DETAIL  
N.T.S.



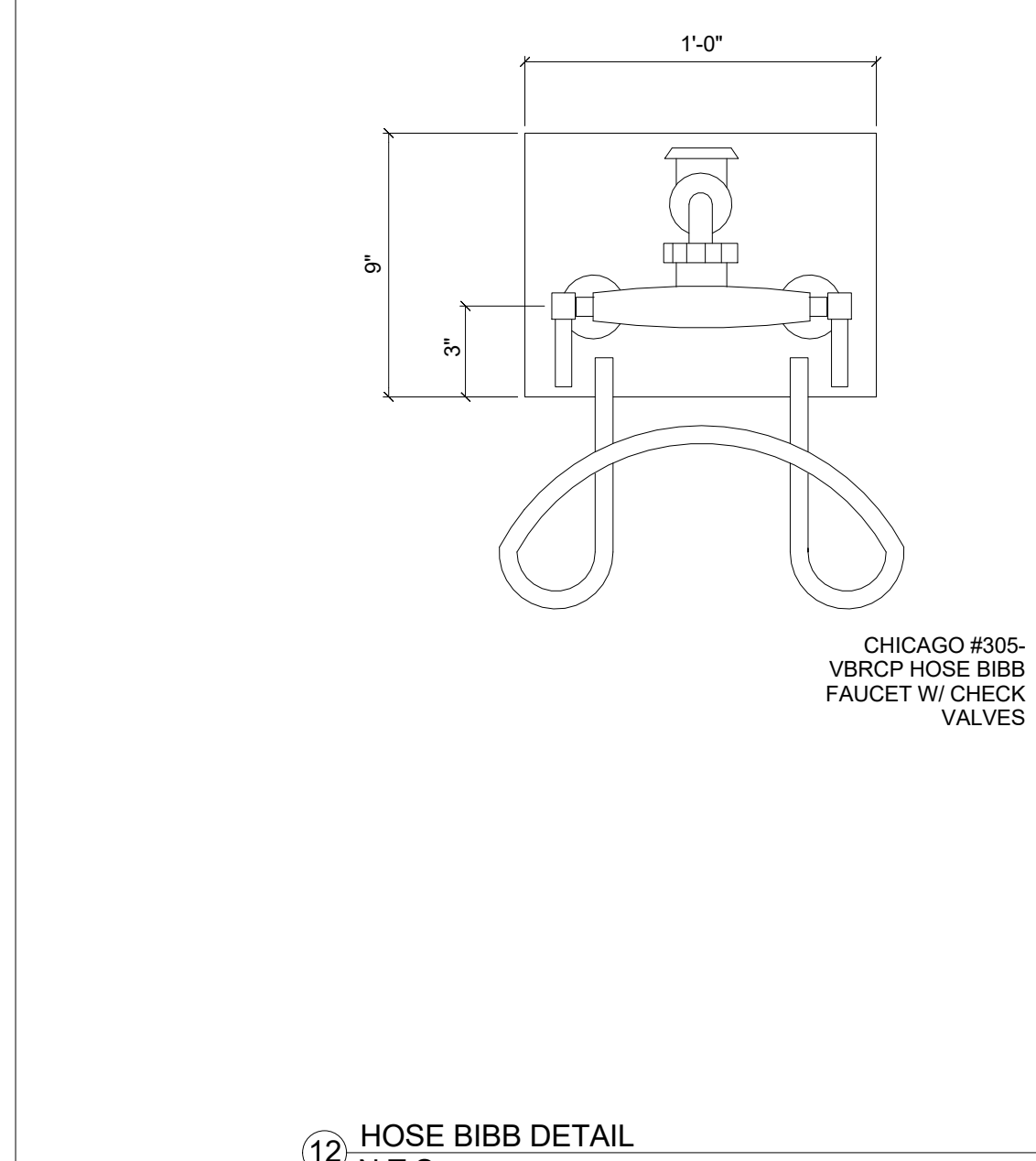
8 SPLASH DETAIL AT UPRIGHT (DISH TABLE)  
N.T.S.



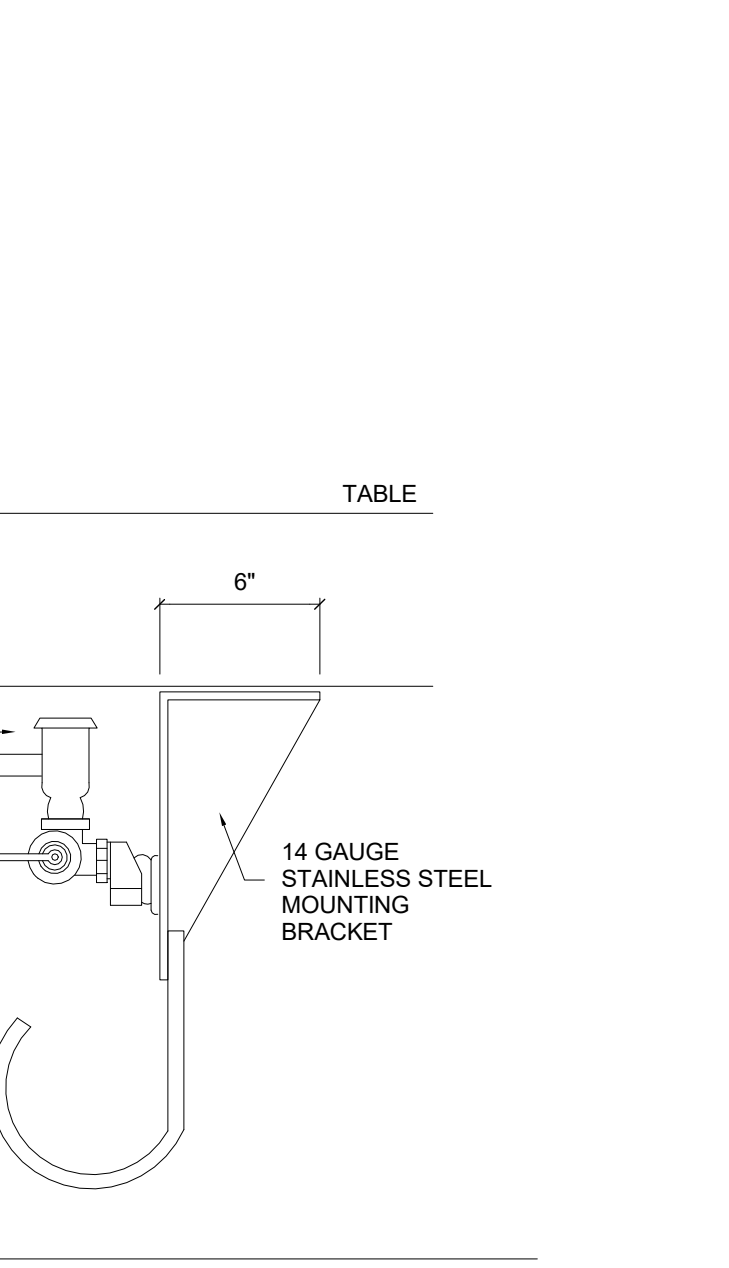
9 FIRE PULL DETAIL  
N.T.S.



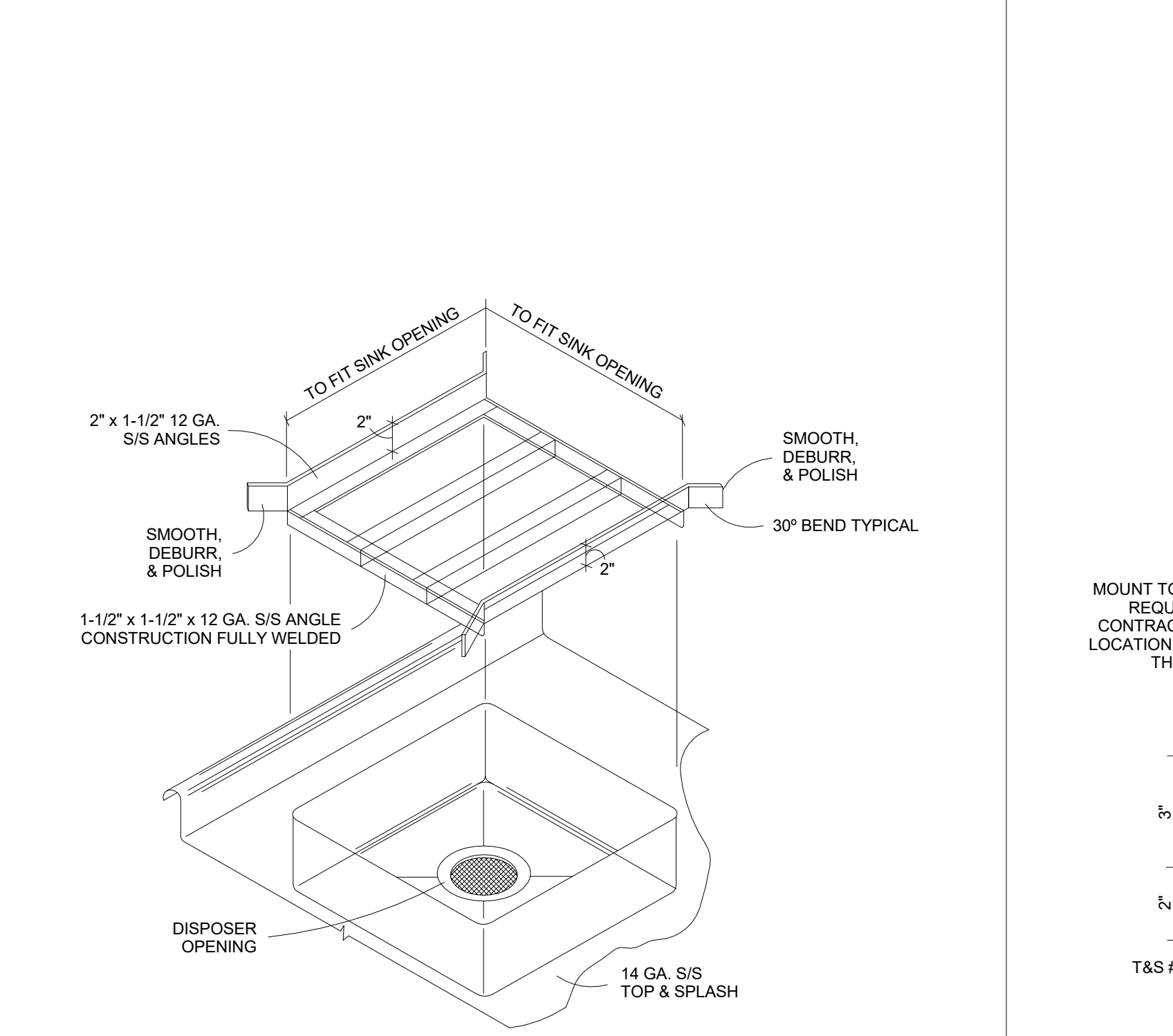
11 CLOSURE PANEL DETAIL AT EXHAUST HOOD  
N.T.S.



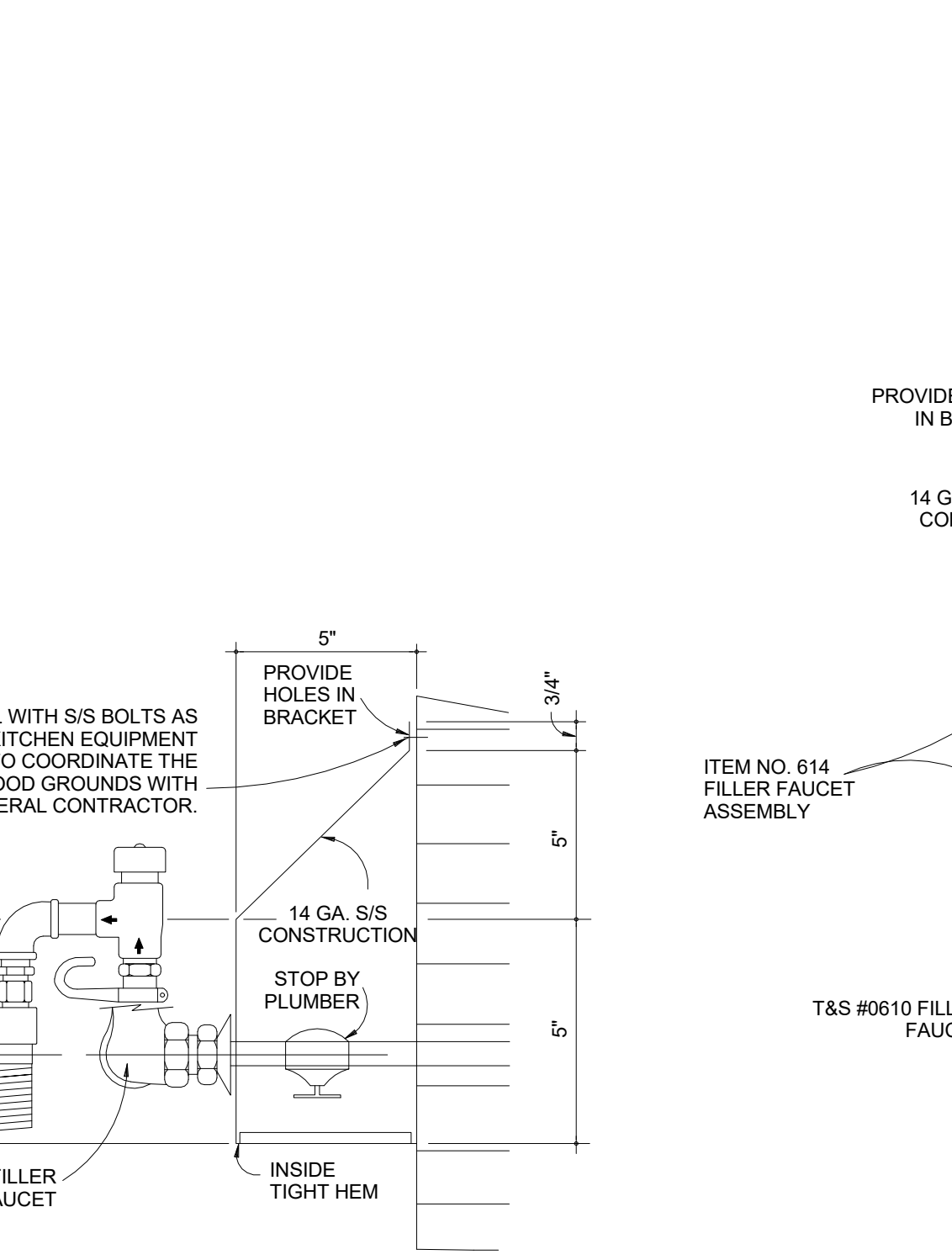
12 HOSE BIBB DETAIL  
N.T.S.



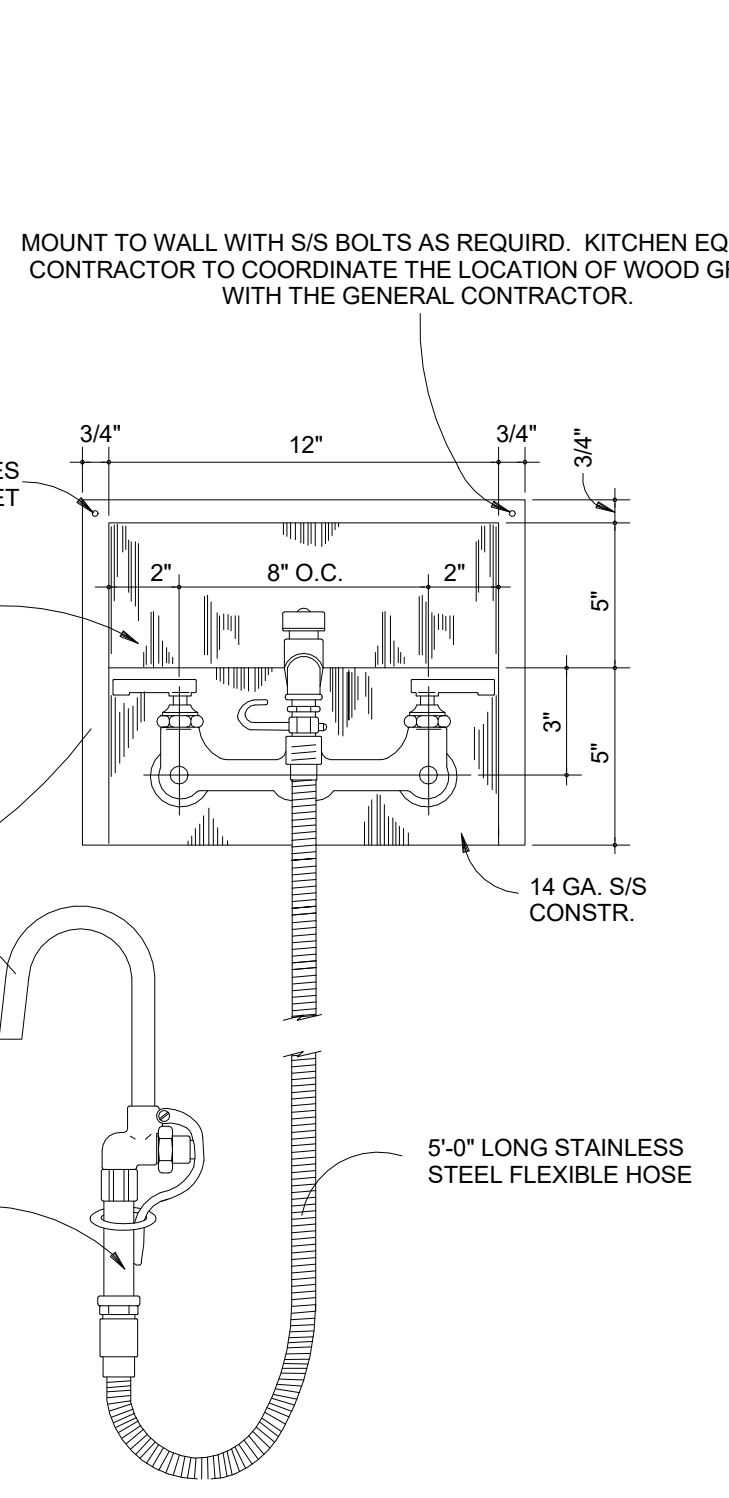
13 COLD STORAGE ASSEMBLY WALL PENETRATION DETAIL  
N.T.S.



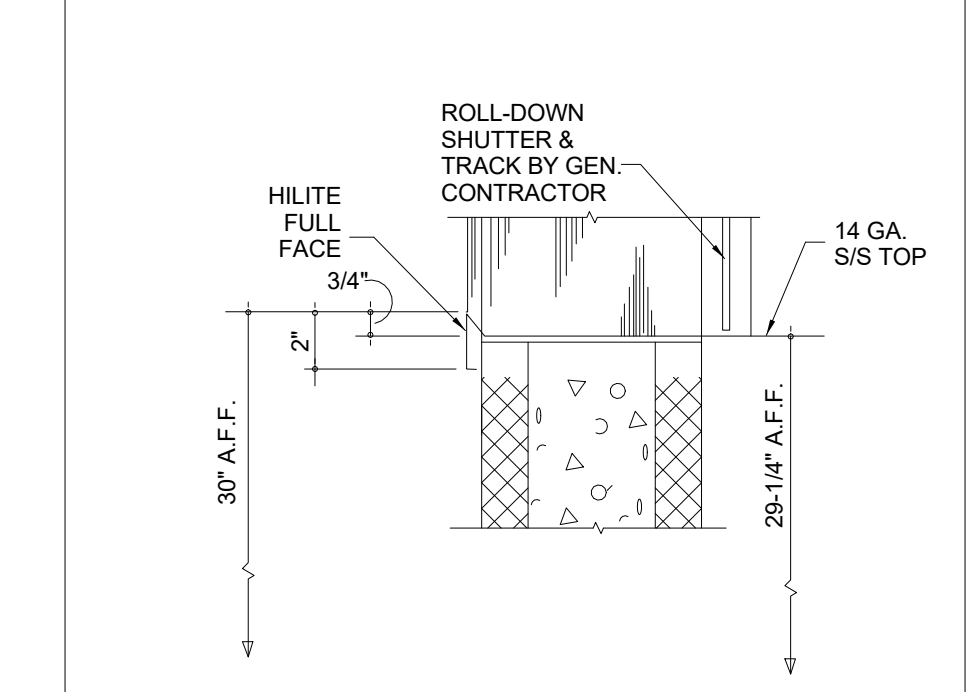
14 REMOVABLE ANGLE SLIDE RACK DETAIL  
N.T.S.



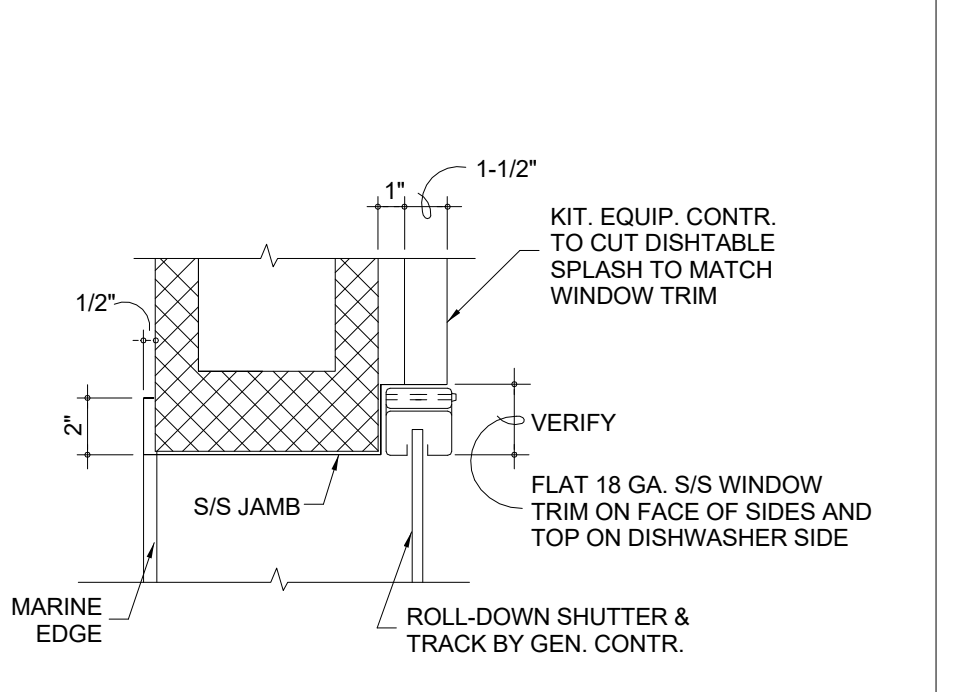
15 FILL FAUCET DETAIL  
N.T.S.



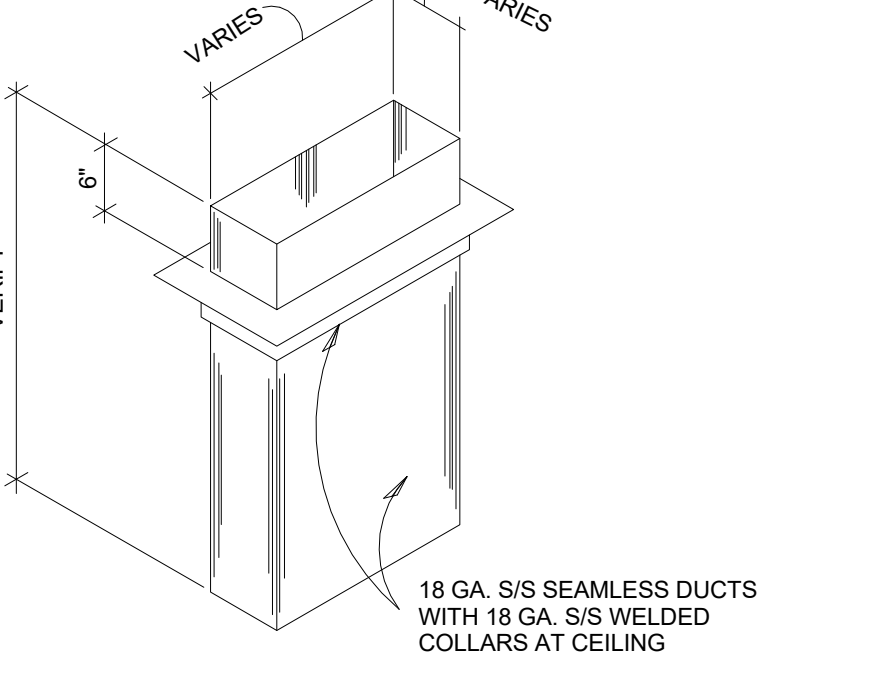
16 SECTION AT WALL SHELF  
1/4\"/>



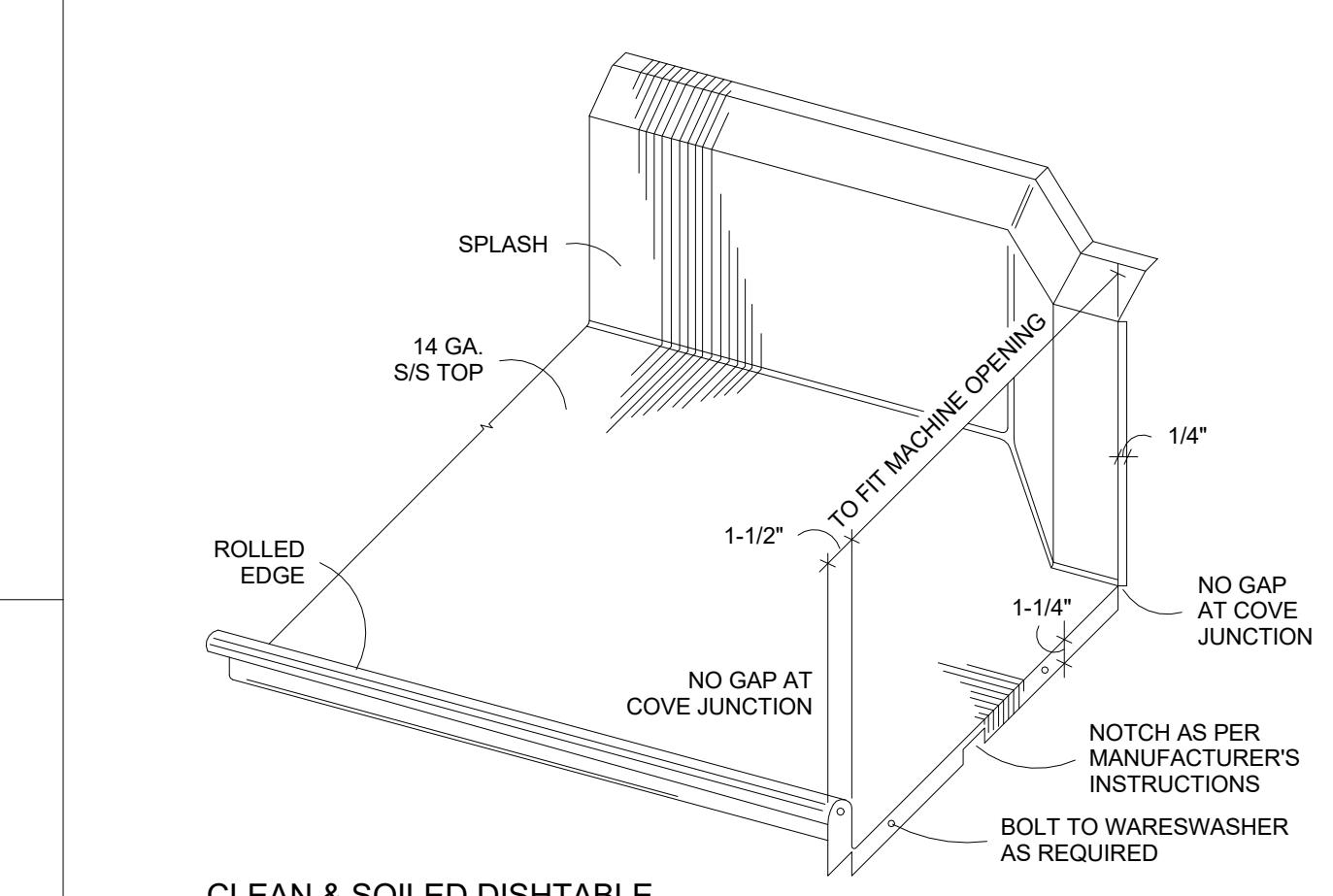
4 VERTICAL SECTION AT TRAY DROP  
N.T.S.



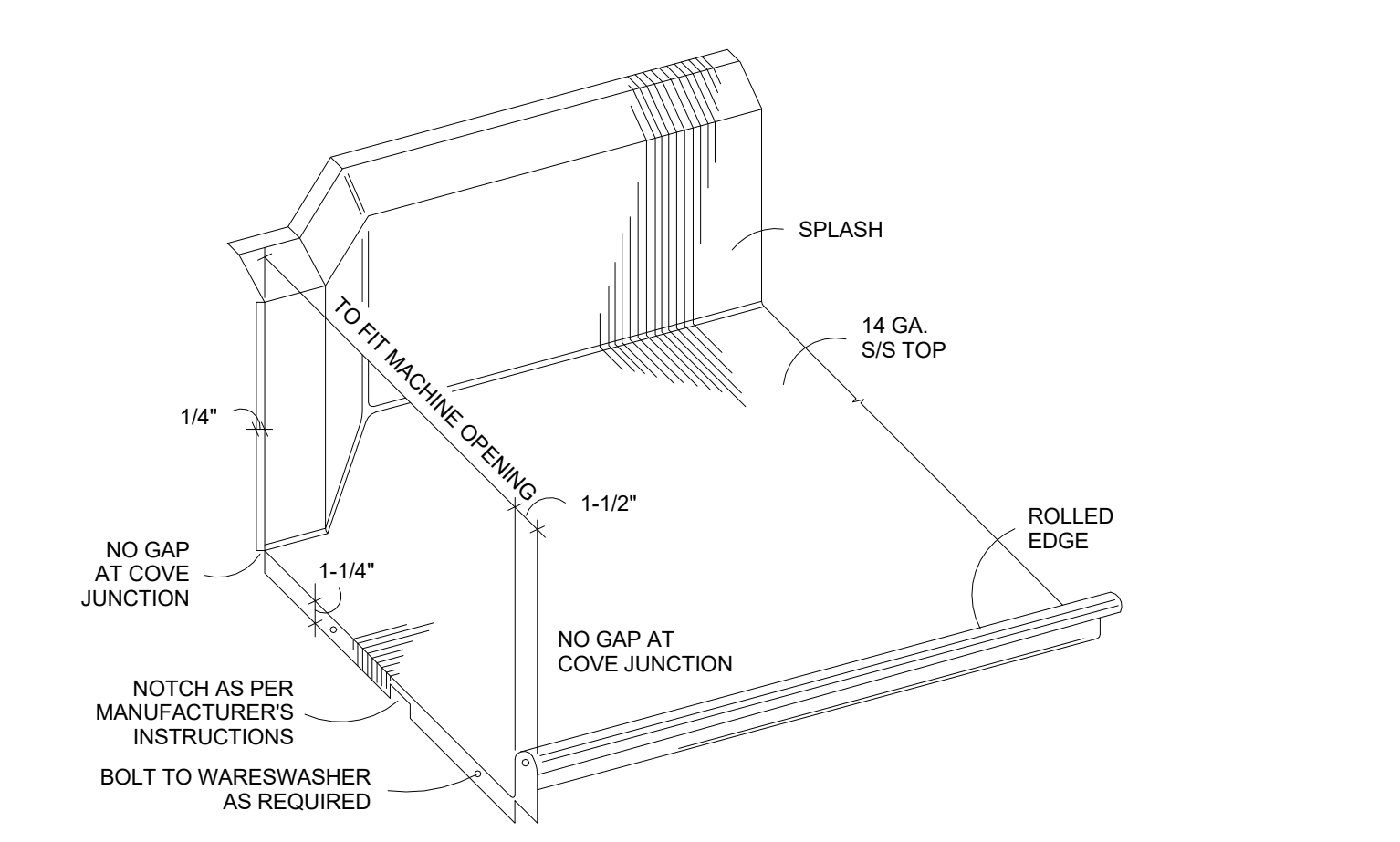
5 PLAN SECTION AT TRAY DROP WINDOW  
N.T.S.



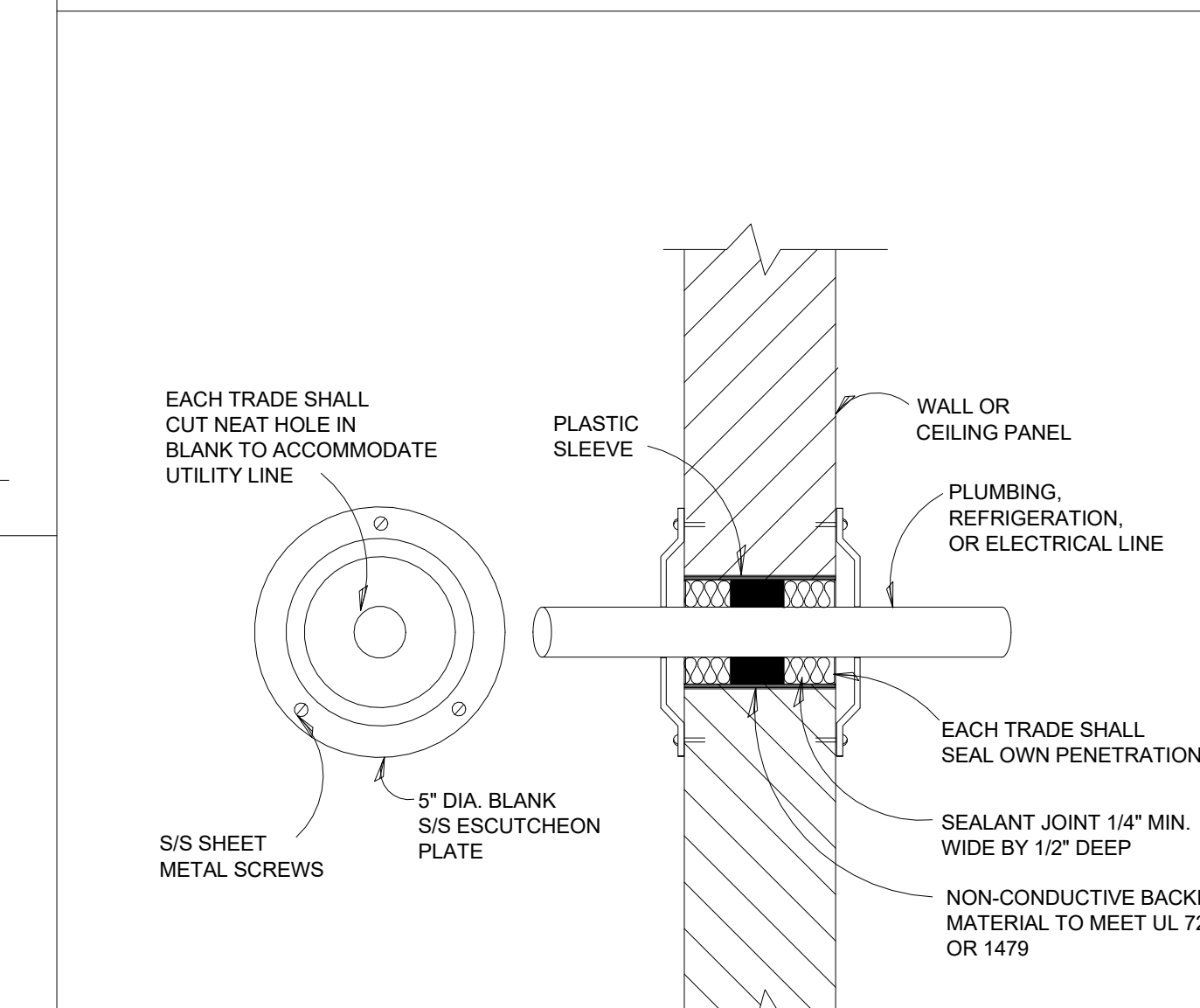
6 VENT RISER DETAIL  
N.T.S.



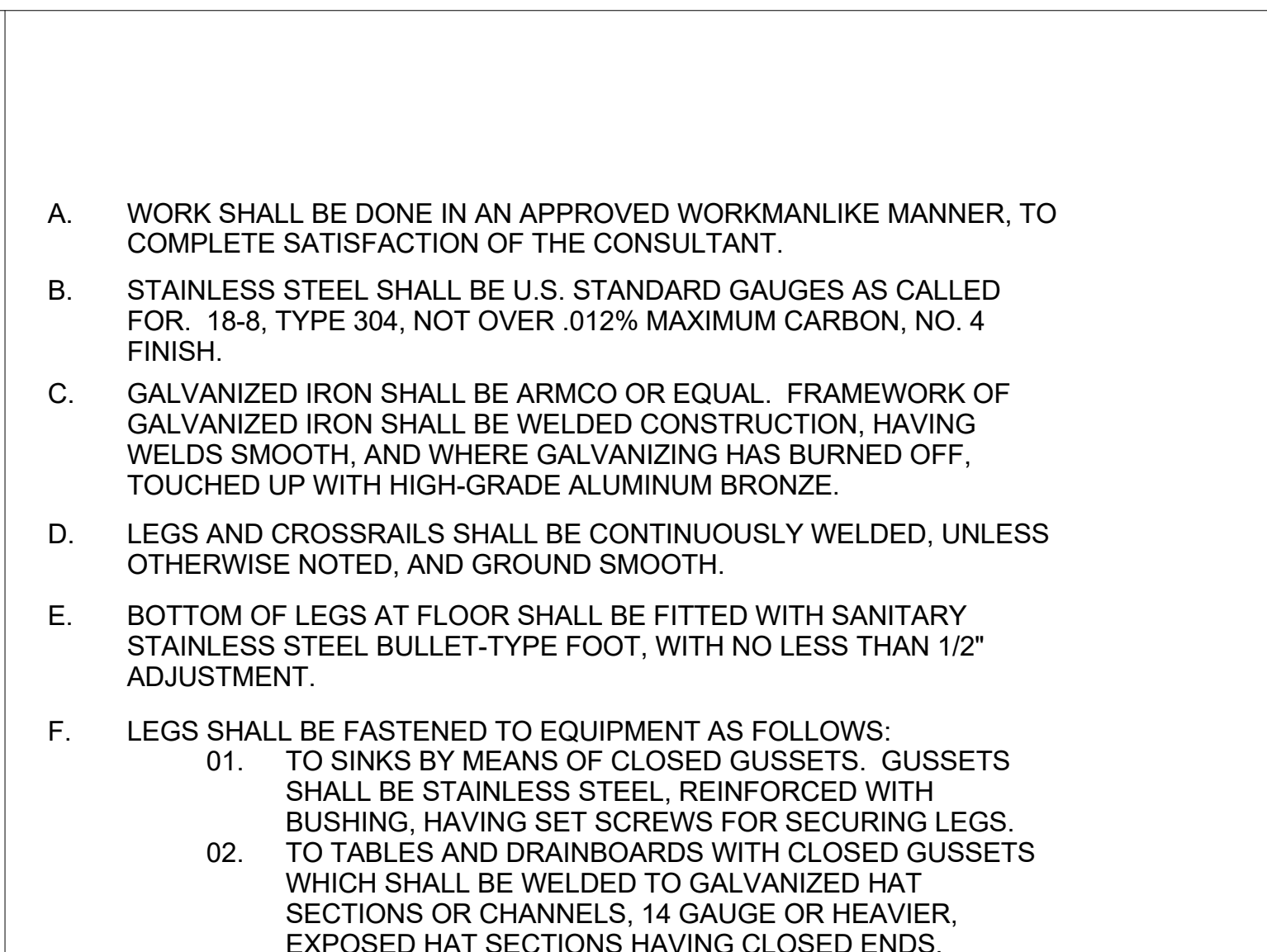
10 CLEAN & SOILED DISHTABLE CONNECTION DETAIL  
N.T.S.



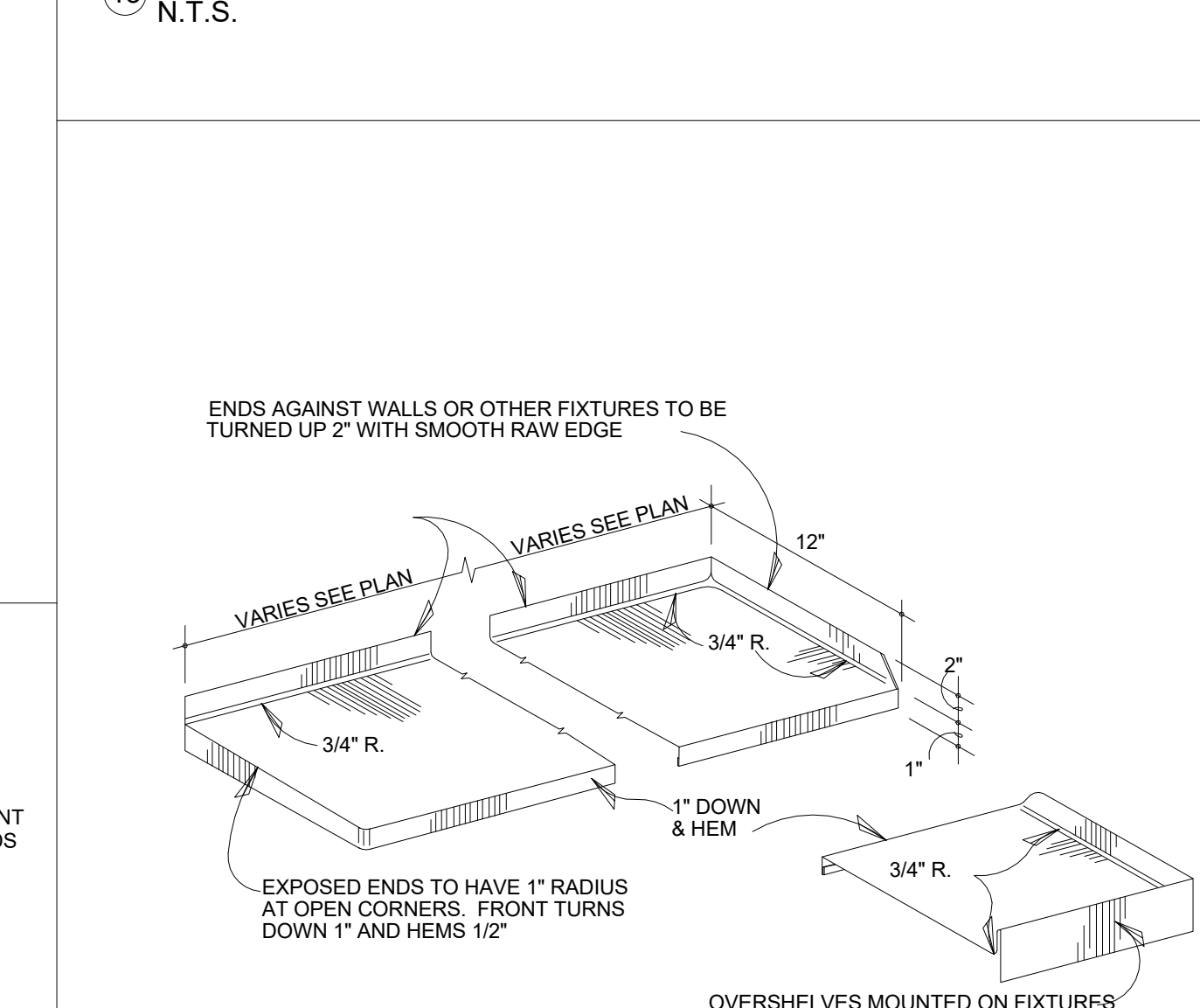
10 CLEAN & SOILED DISHTABLE CONNECTION DETAIL  
N.T.S.



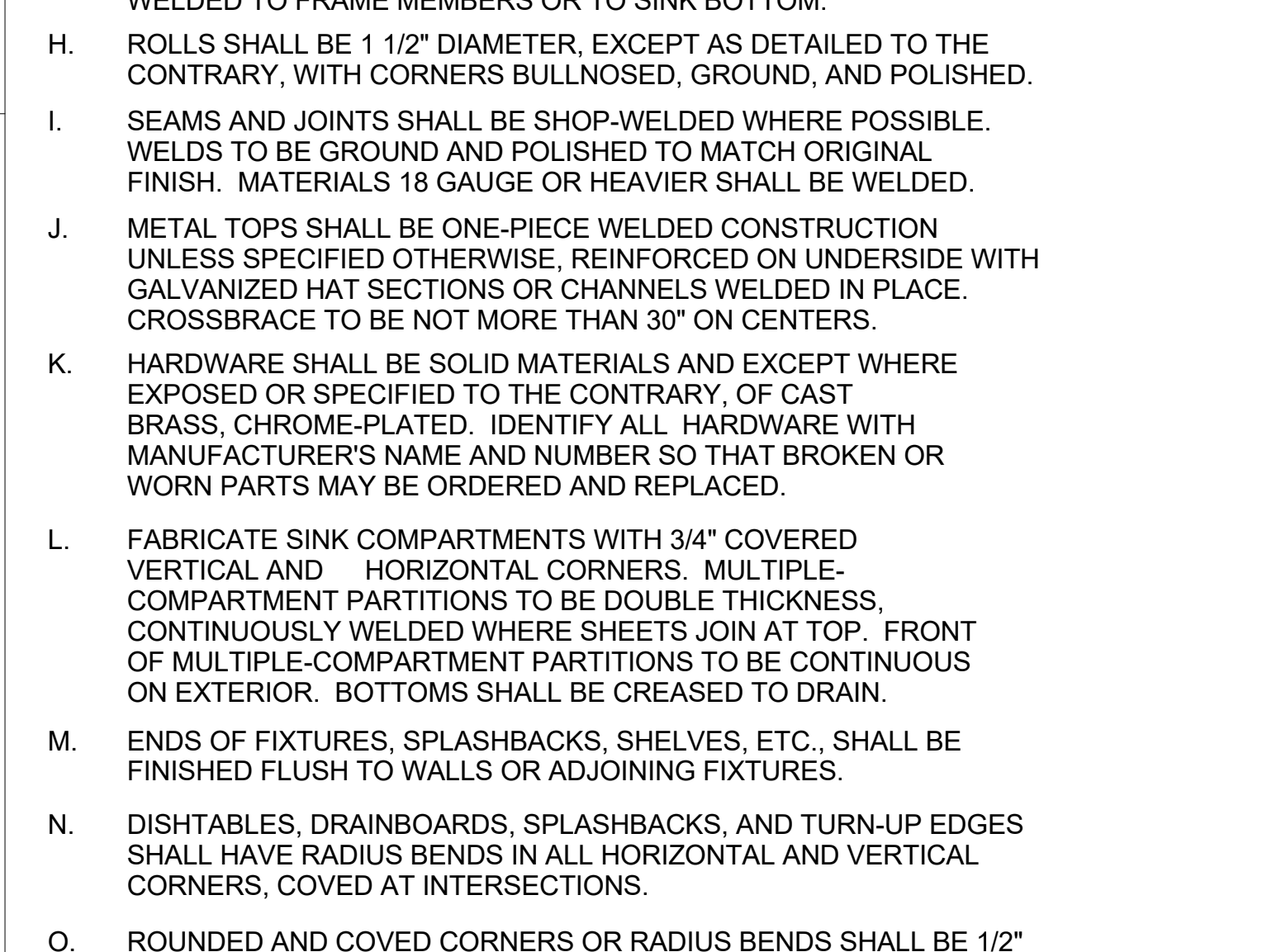
13 COLD STORAGE ASSEMBLY WALL PENETRATION DETAIL  
N.T.S.



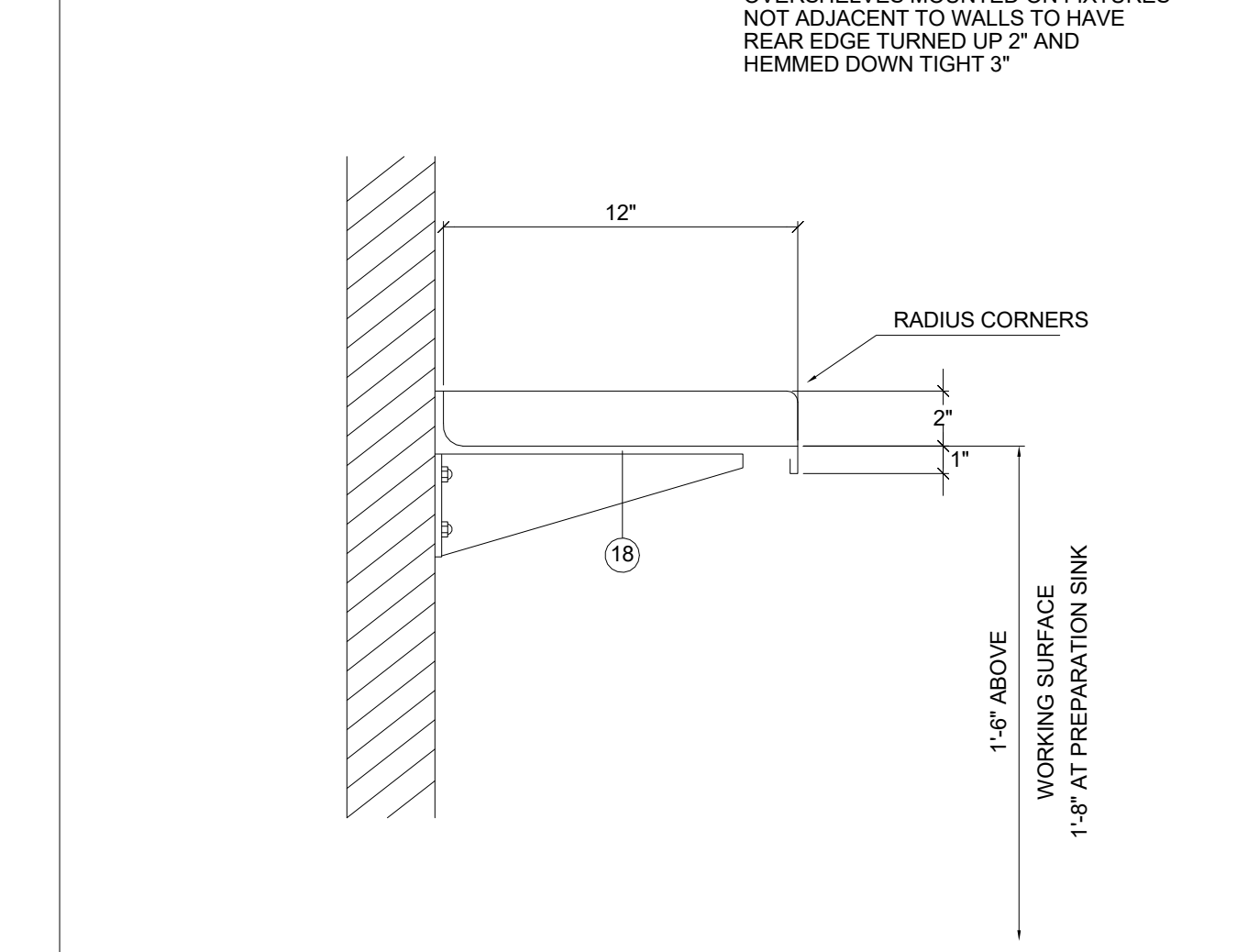
13 COLD STORAGE ASSEMBLY WALL PENETRATION DETAIL  
N.T.S.



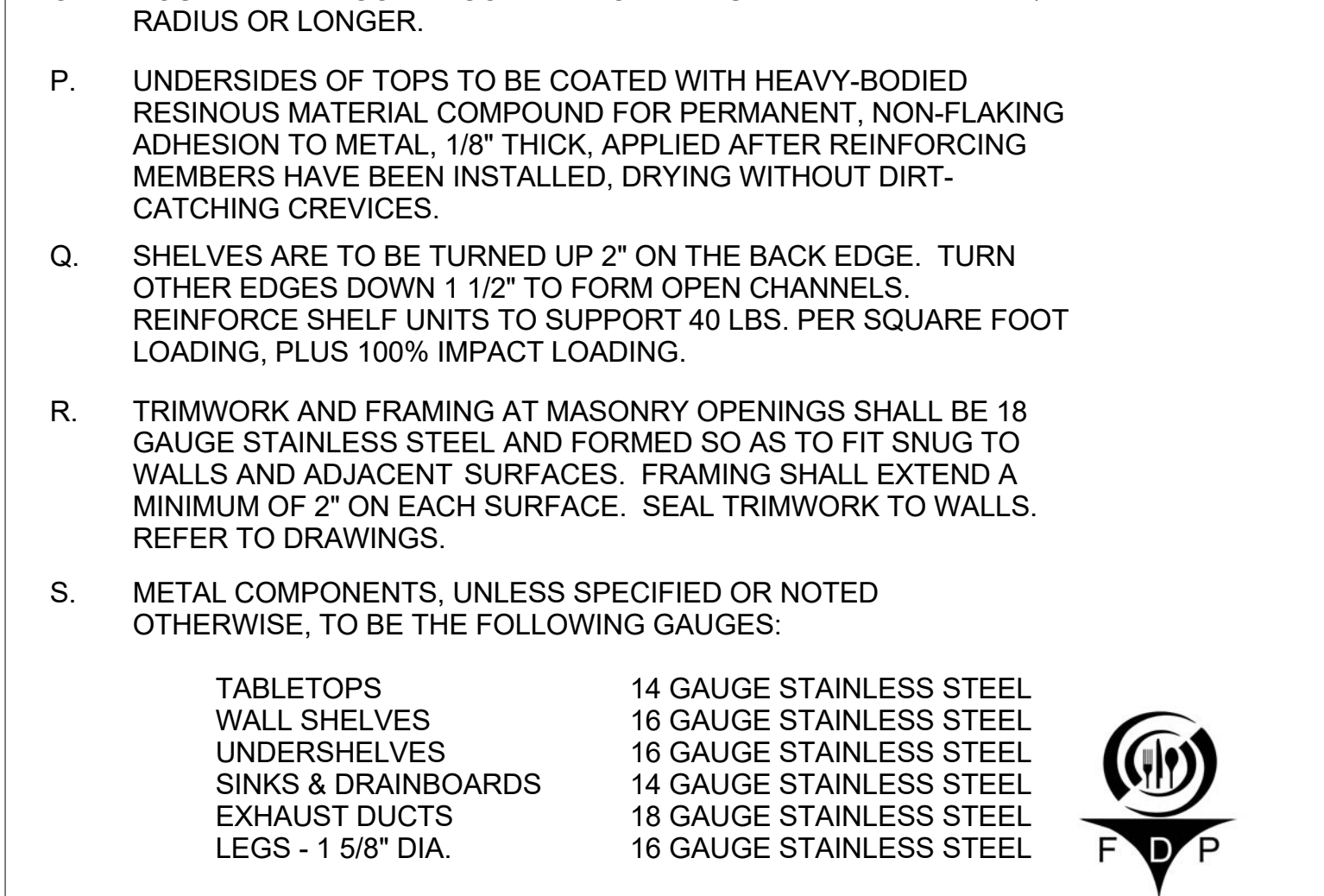
16 SECTION AT WALL SHELF  
1/4\"/>



16 SECTION AT WALL SHELF  
1/4\"/>



16 SECTION AT WALL SHELF  
1/4\"/>



16 SECTION AT WALL SHELF  
1/4\"/>

- A. WORK SHALL BE DONE IN AN APPROVED WORKMANLIKE MANNER, TO COMPLETE SATISFACTION OF THE CONSULTANT.
- B. STAINLESS STEEL SHALL BE U.S. STANDARD GAUGES AS CALLED FOR. 18-8, TYPE 304, NOT OVER .012% MAXIMUM CARBON, NO. 4 FINISH.
- C. GALVANIZED IRON SHALL BE ARMCO OR EQUAL. FRAMEWORK OF GALVANIZED IRON SHALL BE WELDED CONSTRUCTION, HAVING WELDS SMOOTH, AND WHERE GALVANIZING HAS BURNED OFF, TOUCHED UP WITH HIGH-GRADE ALUMINUM BRONZE.
- D. LEGS AND CROSSRAILS SHALL BE CONTINUOUSLY WELDED, UNLESS OTHERWISE NOTED, AND GROUND SMOOTH.
- E. BOTTOM OF LEGS AT FLOOR SHALL BE FITTED WITH SANITARY STAINLESS STEEL BULLET-TYPE FOOT, WITH NO LESS THAN 1/2" ADJUSTMENT.
- F. LEGS SHALL BE FASTENED TO EQUIPMENT AS FOLLOWS:
  - 01. TO SINKS BY MEANS OF CLOSED GUSSETS. GUSSETS SHALL BE STAINLESS STEEL, REINFORCED WITH BUSHING, HAVING SET SCREWS FOR SECURING LEGS.
  - 02. TO TABLES AND DRAINBOARDS WITH CLOSED GUSSETS WHICH SHALL BE WELDED TO GALVANIZED HAT SECTIONS OR CHANNELS. 14 GAUGE OR HEAVIER. EXPOSED HAT SECTIONS HAVING CLOSED ENDS. BRACING SHALL BE UNDERSIDE OF TOPS.
- G. CLOSED GUSSETS SHALL BE 3" MINIMUM DIAMETER AT TOP, WELDED TO FRAME MEMBERS OR TO SINK BOTTOM.
- H. ROLLS SHALL BE 1 1/2" DIAMETER, EXCEPT AS DETAILED TO THE CONTRARY, WITH CORNERS BULLNOSED, GROUND, AND POLISHED.
- I. SEAMS AND JOINTS SHALL BE SHOP-WELDED WHERE POSSIBLE. WELDS TO BE GROUND AND POLISHED TO MATCH ORIGINAL FINISH. MATERIALS 18 GAUGE OR HEAVIER SHALL BE WELDED.
- J. METAL TOPS SHALL BE ONE-PIECE WELDED CONSTRUCTION UNLESS SPECIFIED OTHERWISE, REINFORCED ON UNDERSIDE WITH GALVANIZED HAT SECTIONS OR CHANNELS WELDED IN PLACE. CROSSBRACE TO BE NOT MORE THAN 30" ON CENTERS.
- K. HARDWARE SHALL BE SOLID MATERIALS AND EXCEPT WHERE EXPOSED OR SPECIFIED TO THE CONTRARY, OF CAST BRASS, CHROME-PLATED. IDENTIFY ALL HARDWARE WITH MANUFACTURER'S NAME AND NUMBER SO THAT BROKEN OR WORN PARTS MAY BE ORDERED AND REPLACED.
- L. FABRICATE SINK COMPARTMENTS WITH 3/4" COVERED VERTICAL AND HORIZONTAL CORNERS. MULTIPLE-COMPARTMENT PARTITIONS TO BE DOUBLE THICKNESS, CONTINUOUSLY WELDED WHERE SHEETS JOIN AT TOP. FRONT OF MULTIPLE-COMPARTMENT PARTITIONS TO BE CONTINUOUS ON EXTERIOR. BOTTOMS SHALL BE CREASE TO DRAIN.
- M. ENDS OF FIXTURES, SPLASHBACKS, SHELVES, ETC., SHALL BE FINISHED FLUSH TO WALLS OR ADJOINING FIXTURES.
- N. DISHTABLES, DRAINBOARDS, SPLASHBACKS, AND TURN-UP EDGES SHALL HAVE RADIUS BENDS IN ALL HORIZONTAL AND VERTICAL CORNERS, COVED AT INTERSECTIONS.
- O. ROUNDED AND COVED CORNERS OR RADIUS BENDS SHALL BE 1/2" RADIUS OR LONGER.
- P. UNDERSIDES OF TOPS TO BE COATED WITH HEAVY-BODIED RESINOUS MATERIAL COMPOUND FOR PERMANENT, NON-FLAKING ADHESION TO METAL, 1/8" THICK, APPLIED AFTER REINFORCING MEMBERS HAVE BEEN INSTALLED, DRYING WITHOUT DIRT-CATCHING CREVICES.
- Q. SHELVES ARE TO BE TURNED UP 2" ON THE BACK EDGE. TURN OTHER EDGES DOWN 1 1/2" TO FORM OPEN CHANNELS. REINFORCE SHELF UNITS TO SUPPORT 40 LBS. PER SQUARE FOOT LOADING, PLUS 100% IMPACT LOADING.
- R. TRIMWORK AND FRAMING AT MASONRY OPENINGS SHALL BE 18 GAUGE STAINLESS STEEL AND FORMED SO AS TO FIT SNUG TO WALLS AND ADJACENT SURFACES. FRAMING SHALL EXTEND A MINIMUM OF 2" ON EACH SURFACE. SEAL TRIMWORK TO WALLS. REFER TO DRAWINGS.
- S. METAL COMPONENTS, UNLESS SPECIFIED OR NOTED OTHERWISE, TO BE THE FOLLOWING GAUGES:
 

TABLETOPS	14 GAUGE STAINLESS STEEL
WALL SHELVES	16 GAUGE STAINLESS STEEL
UNDERSHELVES	16 GAUGE STAINLESS STEEL
SINKS & DRAINBOARDS	14 GAUGE STAINLESS STEEL
EXHAUST DUCTS	16 GAUGE STAINLESS STEEL
LEGS - 1 5/8" DIA.	18 GAUGE STAINLESS STEEL

17 CUSTOM FAB NOTES  
NONE

