

DRY LAND DISTILLERS LONGMONT, COLORADO

PERMIT SET

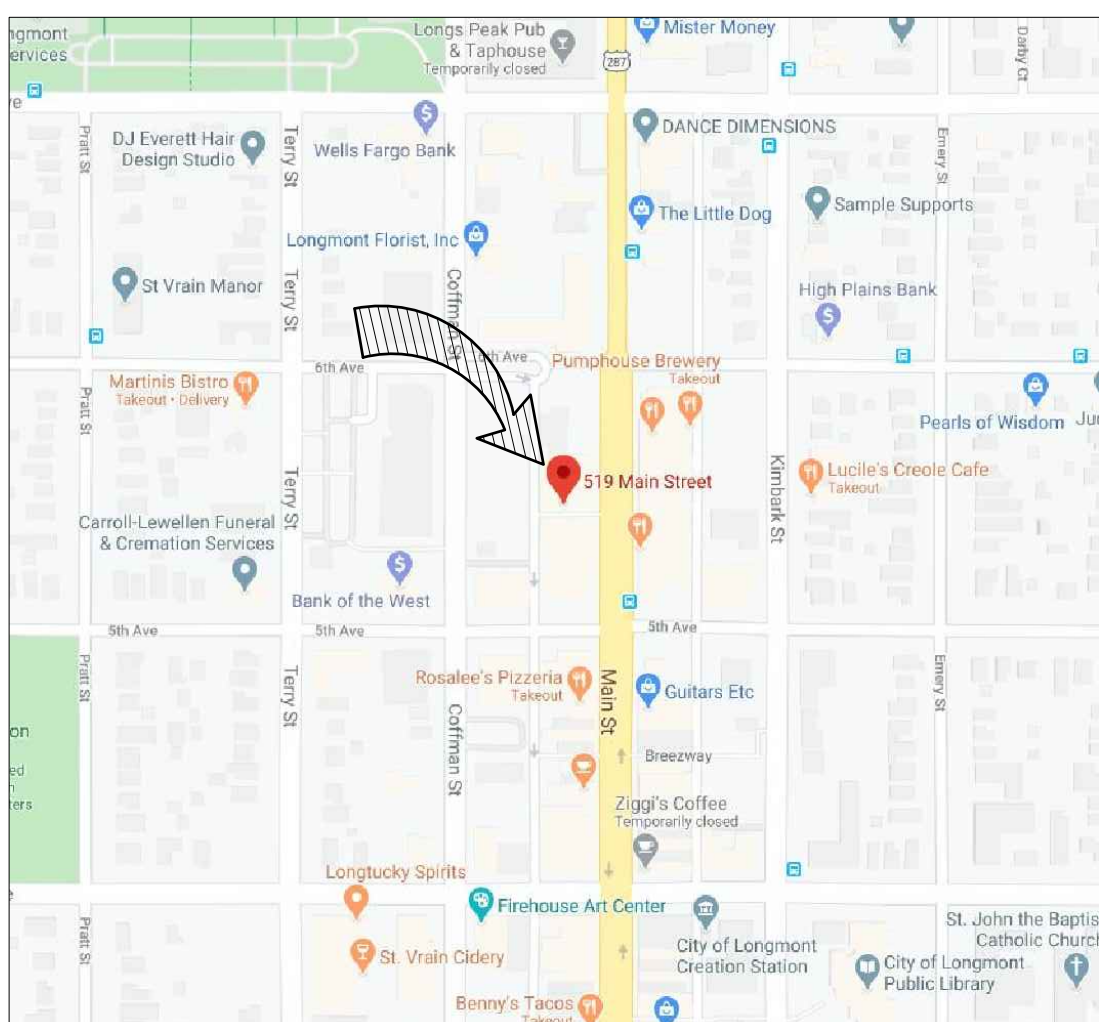


NO.	DATE	DESCRIPTION

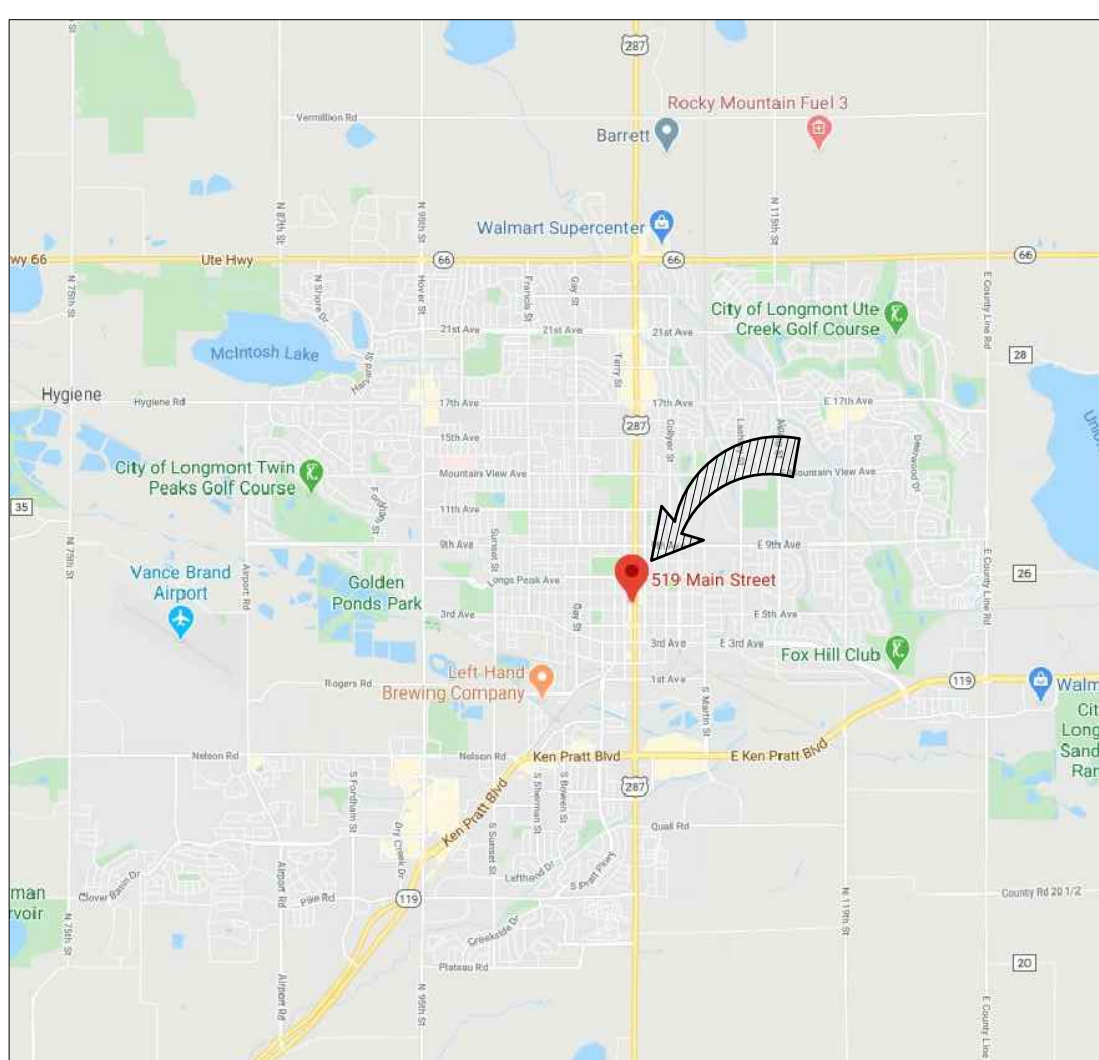


7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com



LOCATION MAP N.T.S.



VICINITY MAP N.T.S.

SYMBOLS

- KEY NOTE
- CENTERLINE
- DOOR NUMBER
- WINDOW TYPE
- WALL TYPE
- EQUIPMENT TYPE
- FINISH TYPE
- COLUMN GRID NUMBER
- REVISION NUMBER
- ROOM NAME
Ceiling HT: XXXXX
FIN. FLR: XXXXX
- ELEVATION MARK
ELEV = 100.00'
- DRAWING NUMBER
DRAWING TITLE
- ADDITIONAL INFO
DRAWING SCALE
- BUILDING SECTION
- EXTERIOR ELEVATION
- INTERIOR ELEVATION
- DETAIL REFERENCE

ABBREVIATIONS

- ABV ABOVE
- AFF ABOVE FINISHED FLOOR
- ACT ACOUSTICAL TILE
- ADDL ADDITIONAL
- AHU AIR HANDLING UNIT
- ALUM ALUMINUM
- AB ANCHOR BOLT
- APPROX APPROXIMATE
- ARCH ARCHITECT, ARCHITECTURAL
- BM BEAM
- BRG BEARING
- BLKG BLOCKING
- BD BOARD
- BLDG BUILDING
- BL BUILDING LINE
- BO BOTTOM OF
- CAB CABINET
- CANT CANTILEVER
- CPT CARPET
- CLG CEILING
- CL CENTERLINE
- CLASS CLASSIFICATION
- CT CERAMIC TILE
- COL COLUMN
- COMM COMMODITY
- CONC CONCRETE
- CMU CONCRETE MASONRY UNIT
- COND CONDENSER
- CJ CONTROL JOINT
- CONT CONTINUOUS
- CONTR CONTRACTOR
- CURT CURTAIN
- DESIG DESIGNATED
- DTL DETAIL
- DIA DIAMETER
- DIM DIMENSION
- DISP DISPENSER
- DF DRINKING FOUNTAIN
- DN DOWN
- DS DOWNSPOUT
- DWG DRAWING
- EIFS EXTERIOR INSULATING FACING SYSTEM
- EJ EXPANSION JOINT
- ELEC ELECTRICAL
- ELEV ELEVATION
- ENAM ENAMEL
- ENVIR ENVIRONMENT
- EQUIP EQUIPMENT
- EW EACH WAY
- EXIST EXISTING
- EXP EXPANSION
- EXT EXTERIOR
- EXH EXHAUST FAN
- FAR FLOOR AREA RATIO
- FD FLOOR DRAIN
- FDN FOUNDATION
- FE FIRE EXTINGUISHER
- FEC FIRE EXTINGUISHER CABINET
- FIN FINISH
- FIXT FIXTURE
- FLEX FLEXIBLE
- FLR FLOOR
- FLUOR FLUORESCENT
- FR FIRE RETARDANT
- FTG FOOTING
- FURR FURRING
- GA GAUGE
- CALV GALVANIZED
- GEN GENERAL
- GL GLASS GLAZED
- GYP BD GYPSUM BOARD
- HB HOSE BIB
- HC HOLLOW CORE
- HD HEAD
- HDW HARDWARE
- HORIZ HORIZONTAL
- HM HOLLOW METAL
- HT HEIGHT
- ID INSIDE DIAMETER
- INSUL INSULATE, INSULATION
- INT INTERIOR
- JAN JANITOR
- JST JOIST
- JT JOINT
- LA LOCAL AMENDMENTS
- LAM LAMINATE
- LAV LAVATORY
- LG LONG
- LT LIGHT
- M METER
- MAS MASONRY
- MAX MAXIMUM
- MAT MATERIAL
- MECH MECHANICAL
- MTL METAL
- MFR MANUFACTURER
- MIN MINIMUM
- MIR MIRROR
- MISC MISCELLANEOUS
- MO MASONRY OPENING
- MSG MANUFACTURERS' STANDARD GAUGE MOUNTED
- MTD
- ND NAPKIN DISPENSER
- NIC NOT IN CONTRACT
- NV NAPKIN VENDOR
- NTS NOT TO SCALE
- OC ON CENTER
- OD OUTSIDE DIAMETER
- OFCL OWNER FURNISHED, CONTR. INSTALLED
- OFOI OWNER FURNISHED, OWNER INSTALLED
- OH OVERHEAD
- OHG OVERHANG
- OPNG OPENING
- OPP OPPOSITE
- PC PIECE
- PL PLATE
- PLAM PLASTIC LAMINATE
- PLMG PLUMBING
- PLYWD PLYWOOD
- PNLG PANELING
- PNT PAINTING
- PTD PAINTED
- POLY POLYETHYLENE
- PT PRESSURE TREATED
- PVC POLYVINYL CHLORIDE
- R RISER
- RD ROOF DRAIN
- RE RE: REFERENCE
- REF REFERENCE
- RNT REINFORCEMENT
- REQD REQUIRED
- RM ROOM
- RO ROUGH OPENING
- SC SOLID CORE
- SCHED SCHEDULE
- SD SOAP DISPENSER
- SECT SECTION
- SF SQUARE FEET
- SHT SHEET
- SHTG SHEATHING
- SIM SIMILAR
- SP SPACE
- SPEC SPECIFICATIONS
- S/S STAINLESS STEEL
- SINK SINK
- STC SOUND TRANSMISSION COEFFICIENT
- STOR STORAGE
- STD STANDARD
- STL STEEL
- STRUCT STRUCTURAL
- SUSP SUSPENDED
- T.BD TACK BOARD
- TB TOWEL BAR
- TD TOWEL DISPENSER
- TELE TELEPHONE
- THLD THRESHOLD
- TOIL TOILET
- TO TOP OF
- TPH TOILET PAPER HOLDER
- TR TOWEL RECEPTACLE
- TS TUBE STEEL
- TYP TYPICAL
- UNO UNLESS NOTED OTHERWISE
- UV UNIT VENTILATOR
- VB VINYL BASE
- VCT VINYL COMPOSITE TILE
- VERT VERTICAL
- VEST VESTIBULE
- VWC VINYL WALL COVERING
- W WITH
- WC WATER CLOSET
- WO WOOD
- WDW WINDOW
- WH WATER HEATER
- WR WATER RESISTANT
- WWM WELDED WIRE MESH

CODE SUMMARY

- 2018 INTERNATIONAL BUILDING CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL PLUMBING CODE
- 2018 INTERNATIONAL FIRE CODE
- 2017 NATIONAL ELECTRICAL CODE

BUILDING DESCRIPTION

PROJECT TYPE:	RENOVATION
PROJECT USE:	FACTORY INDUSTRIAL/ BUSINESS
OCCUPANCY TYPE:	F-1,B,S-1,H-3
TYPE OF CONSTRUCTION:	V-B
ALLOWABLE AREA (TABLE 506.2)	SEE LS101
FRONTAGE INCREASE	NO
FIRE SPRINKLER INCREASE	YES
TOTAL ALLOWABLE AREA	SEE LS101
ACTUAL AREA	SEE LS101
ALLOWABLE HEIGHT	1 STORIES; 40 FEET (H3 Occ.)
ACTUAL HEIGHT	1 STORY; ±19 FEET
OCCUPANT LOAD	48 (INTERIOR) (SEE LS101)

FIRE PROTECTION SYSTEMS

	YES	NO
AUTOMATIC FIRE SPRINKLER SYSTEM	X	
ALTERNATIVE AUTOMATIC FIRE EXTINGUISHING SYSTEM		X
PORTABLE FIRE EXTINGUISHERS	X	
FIRE EMERGENCY ALARM & DETECTION SYSTEMS	BY OTHERS	
HVAC & AIR DISTRIBUTION SYSTEM CONTROLS	BY OTHERS	
SMOKE CONTROL SYSTEMS		X

FIRE-RESISTANCE RATED CONSTRUCTION

BUILDING ELEMENTS	TABLE 601, IBC 2018		
	REQUIRED	PROVIDED	UL RATING
STRUCTURAL FRAME	NO	NO	
EXTERIOR BEARING WALLS	NO	NO	
INTERIOR BEARING WALLS	NO	NO	
EXTERIOR NON-BEARING WALLS	NO	NO	
INTERIOR NON-BEARING WALLS	YES	YES	1 HOUR
FLOOR CONSTRUCTION	NO	NO	
ROOF CONSTRUCTION	NO	NO	
FIRE BARRIER	YES	YES	SEE SHEET LS101

FIRE SEPARATION DISTANCE (FT) - Measured to CL of Streets							
NORTH	0	SOUTH	23'	EAST	N/A	WEST	N/A
ROOF COVERING CLASSIFICATION:							
REQUIRED	N/A				PROVIDED		N/A

PROJECT TEAM

- OWNER DRY LAND DISTILLERS - Nels Wroe
471 Main Street, Unit B
Longmont, CO 80501
720-352-5685
- ARCHITECT OPA DESIGN STUDIO
7010 Easy Wind Dr., Suite 200
Austin, TX 78752
512-899-3100
- STRUCTURAL G.A. ESCOBAR ASSOCIATES, INC.
402 Main Street
Longmont, CO 80501
303-678-5222
- MEP LEMESSURIER ENGINEERING, LLC
2835 Kenyon Circle
Boulder, CO 80305
303-554-7094

PROJECT LEGAL DESCRIPTION

THE PROPERTY IS THE FOLLOWING LEGALLY DESCRIBED REAL ESTATE IN COUNT OF BOULDER, COLORADO: LOT 31 BLK 39 LONGMONT OT , KNOWN AS 519 MAIN STREET, LONGMONT CO 80501

PROJECT DESCRIPTION

RENOVATION OF AN EXISTING TENANT SPACE INTO A DISTILLERY & TASTING ROOM

DRAWING INDEX

- A001 COVER SHEET
- A002 ACCESSIBILITY NOTES
- A003 ACCESSIBILITY NOTES
- LS101 LIFE SAFETY PLANS
- D101 DEMO PLAN
- A101 FLOOR PLAN
- A102a EQUIPMENT PLAN & DISTILLATION ELECTRICAL DE-CLASSIFICATION
- A102b PROCESS DESCRIPTION & 3 WEEK PRODUCTION SCHEDULE
- A103 WALL FINISH PLAN
- A104 FLOOR FINISH PLAN
- A105 REFLECTED CEILING PLAN
- A106 ROOF PLAN
- A201 EXTERIOR ELEVATIONS & SECTIONS
- A202 INTERIOR ELEVATIONS
- A501 DETAILS
- A502 DETAILS
- A601 SCHEDULES
- A602 WALL TYPES
- S1.0 STRUCTURAL GENERAL NOTES
- S2.0 ROOF FRAMING & FOUNDATION PLAN
- S3.0 DETAILS
- M100 MECHANICAL SCHEDULES
- M101 MECHANICAL FLOOR & ROOF PLAN
- M102 MECHANICAL DETAILS
- M201 PLUMBING PLAN
- M202 MECHANICAL & PLUMBING DETAILS
- E100 ELECTRICAL ONE LINE
- E201 ELECTRICAL PLAN
- E202 REFLECTED CEILING PLAN

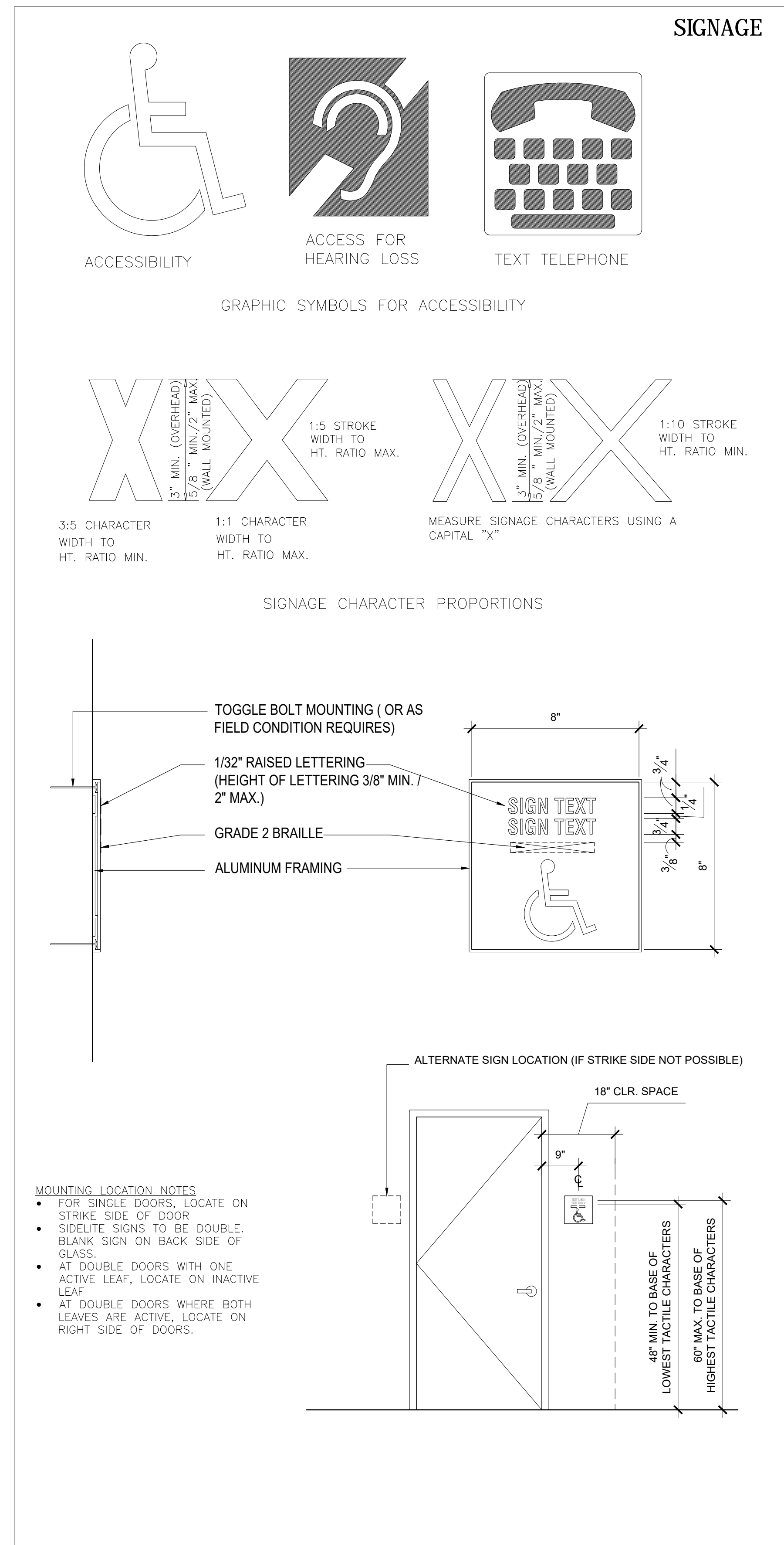
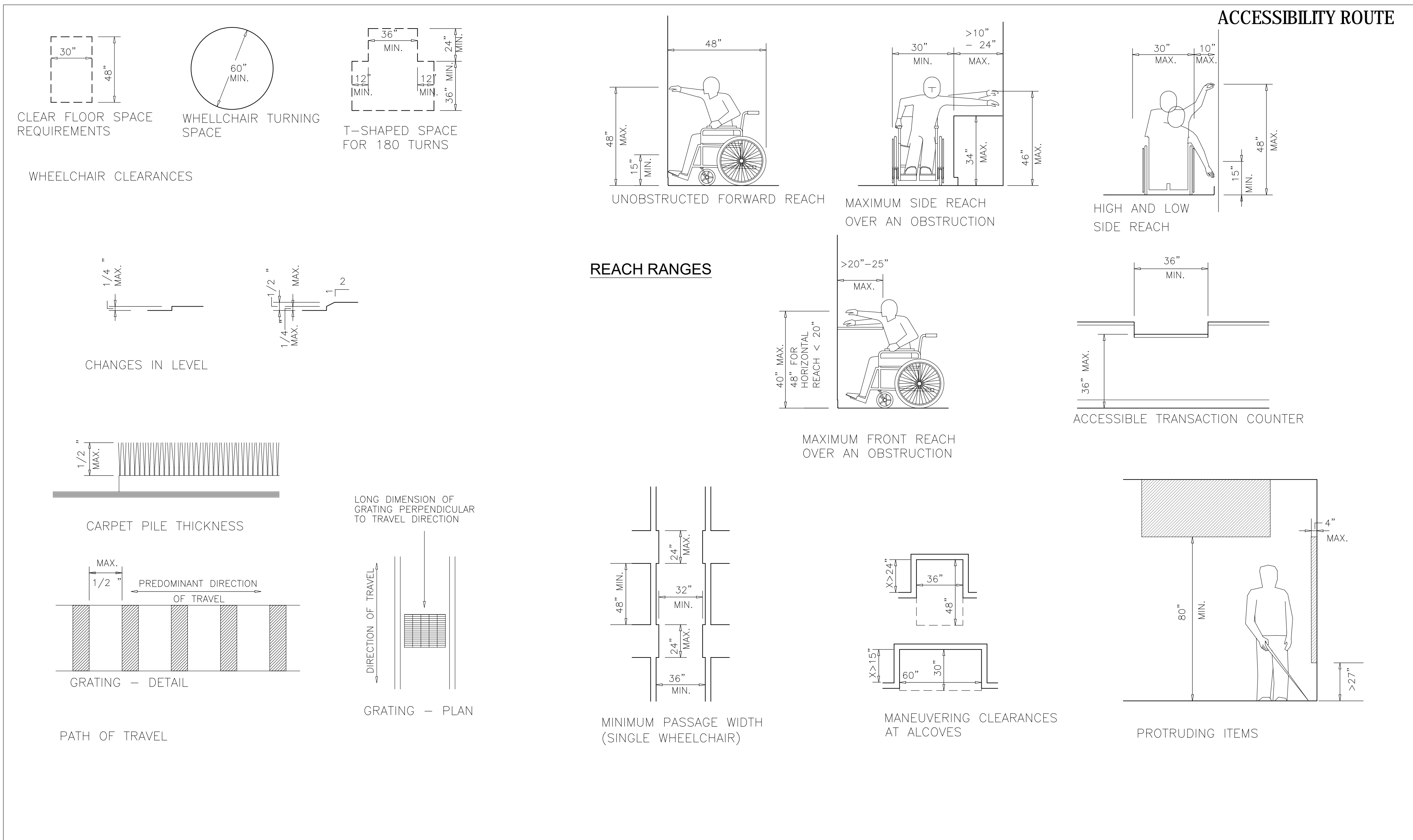
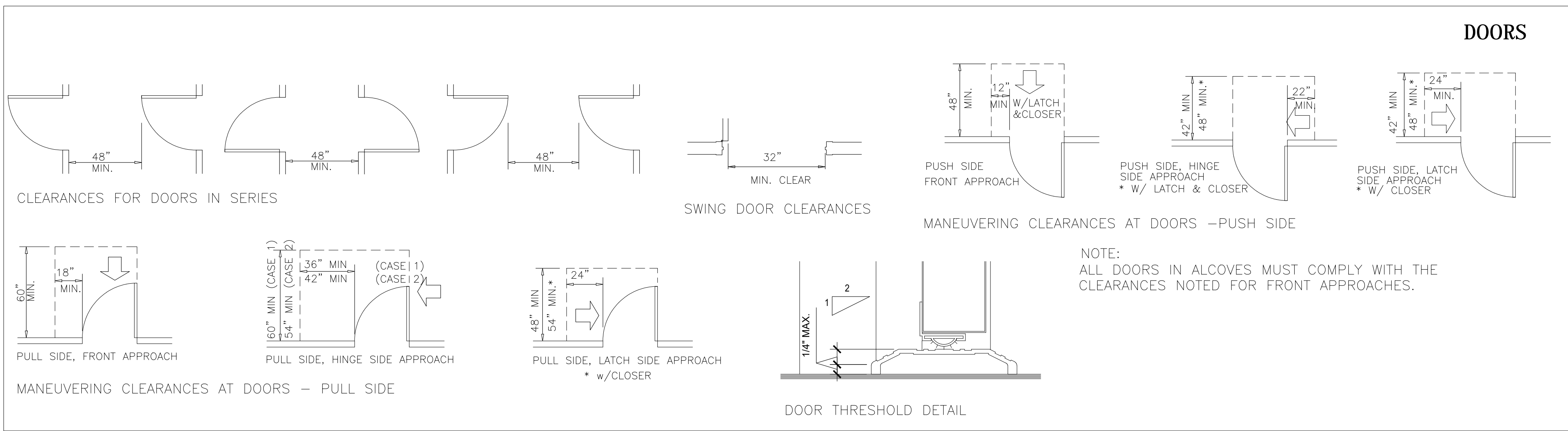
DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501

NOT FOR CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved.
These designs / drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SD
DATE:	10/12/2020

A001
COVER SHEET



ACCESSIBILITY NOTES:

1. INFORMATION SHOWN ON THESE SHEETS IS BASED ON ACCESSIBILITY GUIDELINES.
2. DO NOT SCALE THESE DRAWINGS
3. NOT ALL CONDITIONS SHOWN ON THESE SHEETS MAY APPLY TO THIS PROJECT. COMPARE THE REQUIREMENTS OF THE ARCHITECTURAL DRAWINGS WITH THIS SHEET FOR RELEVANCE OF INFORMATION.
4. DIMENSIONS INDICATED ARE MINIMUM/MAXIMUM CLEAR DIMENSIONS, MEASURED TO FINISH. CONTRACTOR IS RESPONSIBLE FOR LAYOUT OF BUILDING ELEMENTS TO ASSURE REQUIREMENTS CAN BE MET.
5. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL DRAWINGS AND THE INFORMATION SHOWN ON THESE SHEETS.

REVISIONS	NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

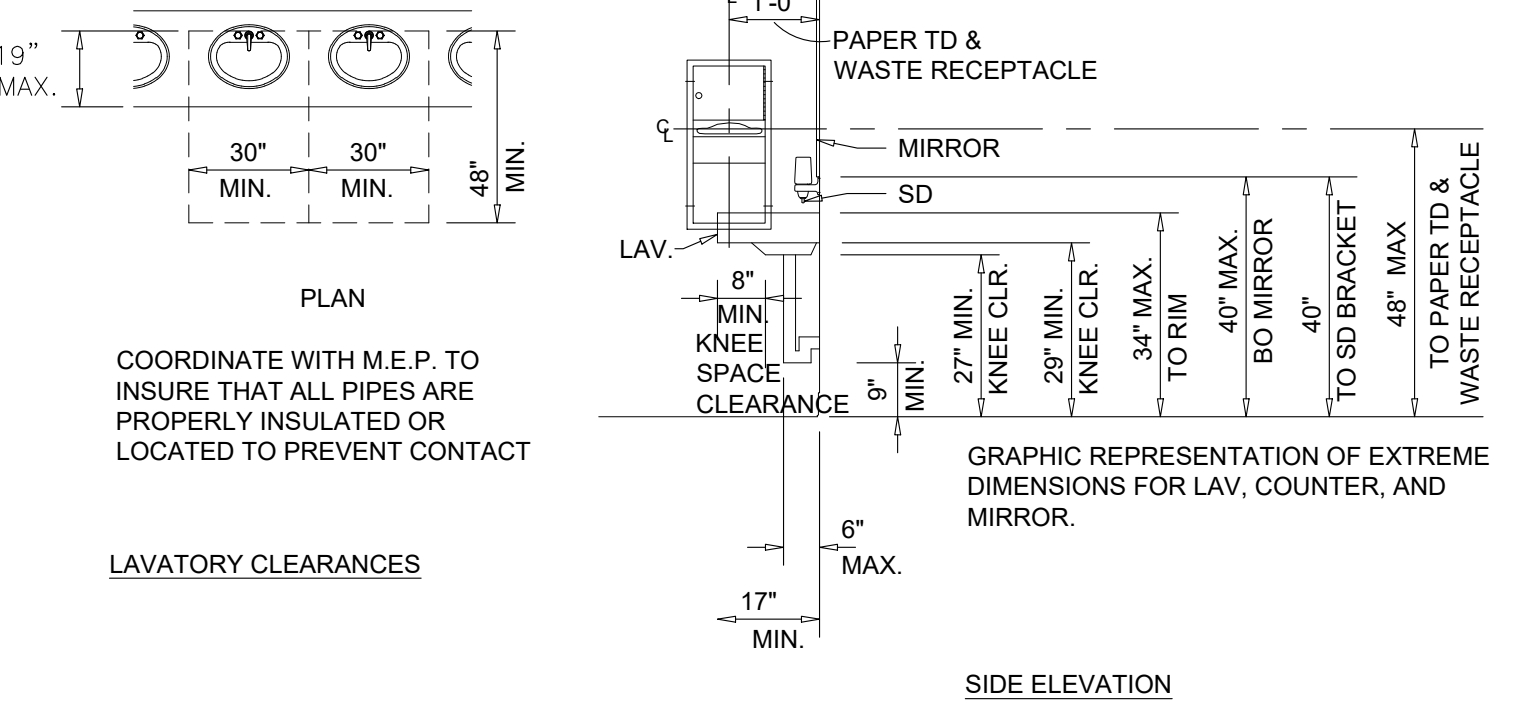
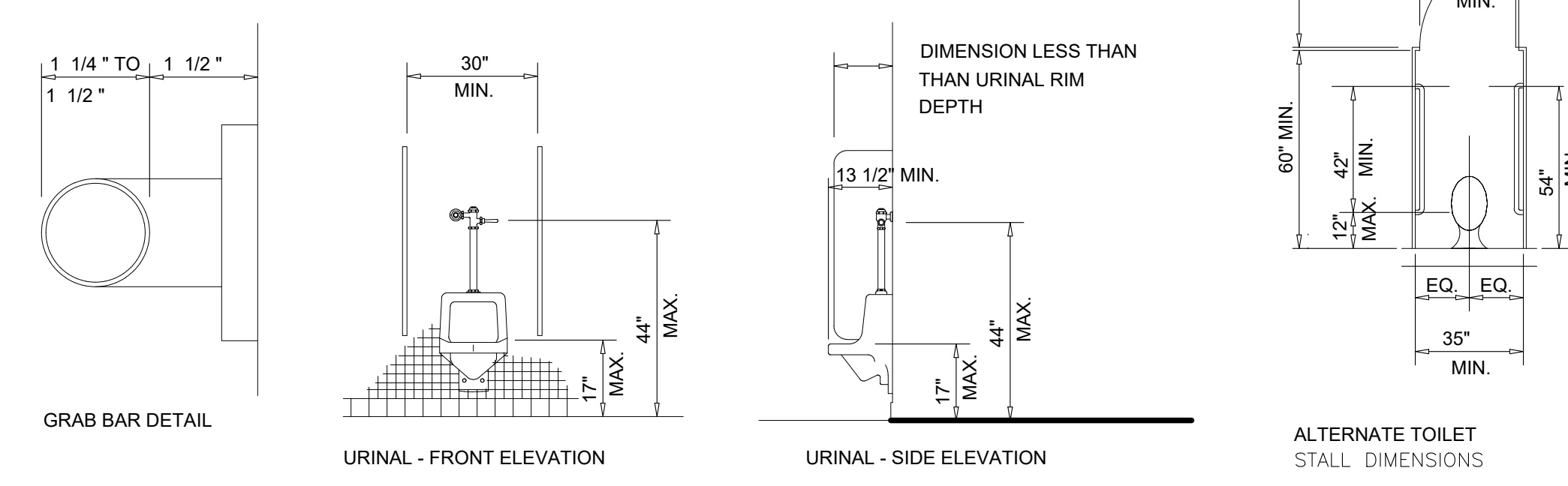
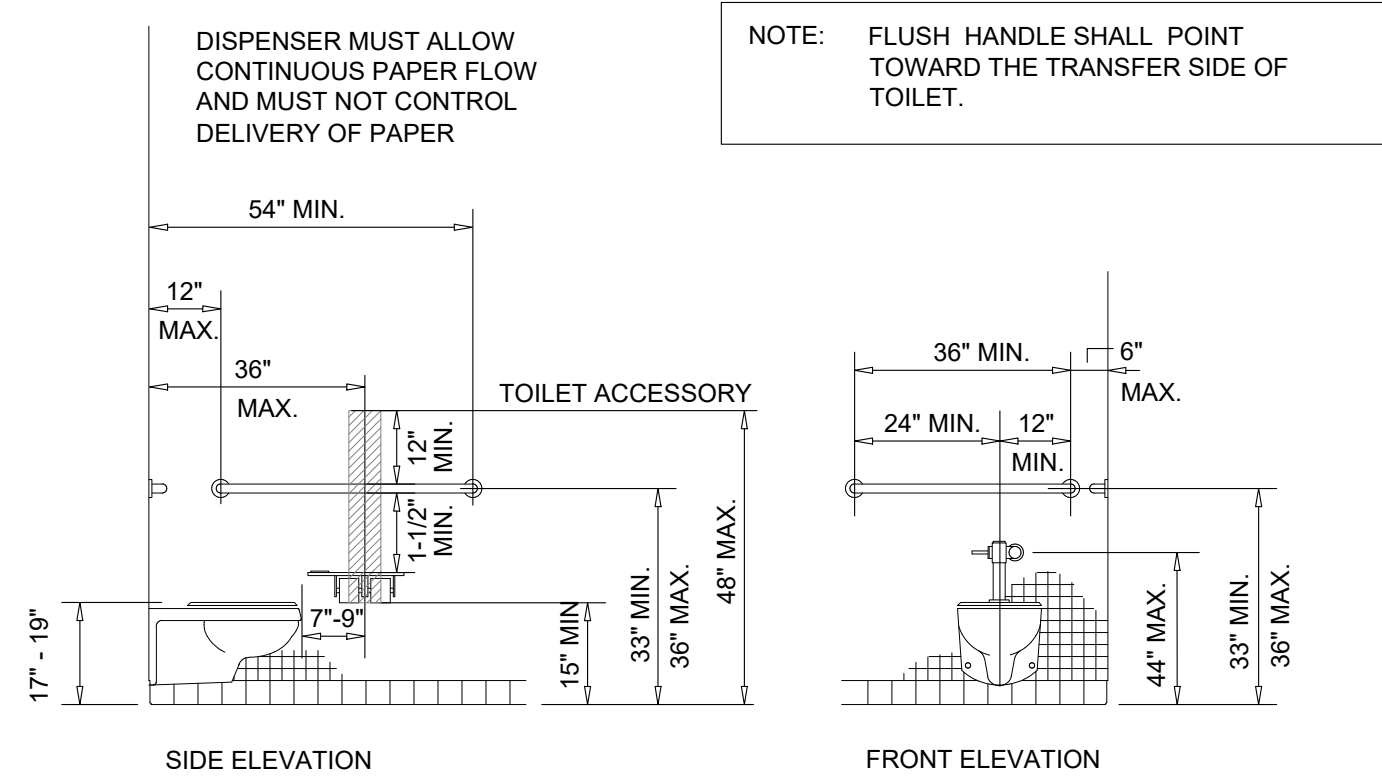
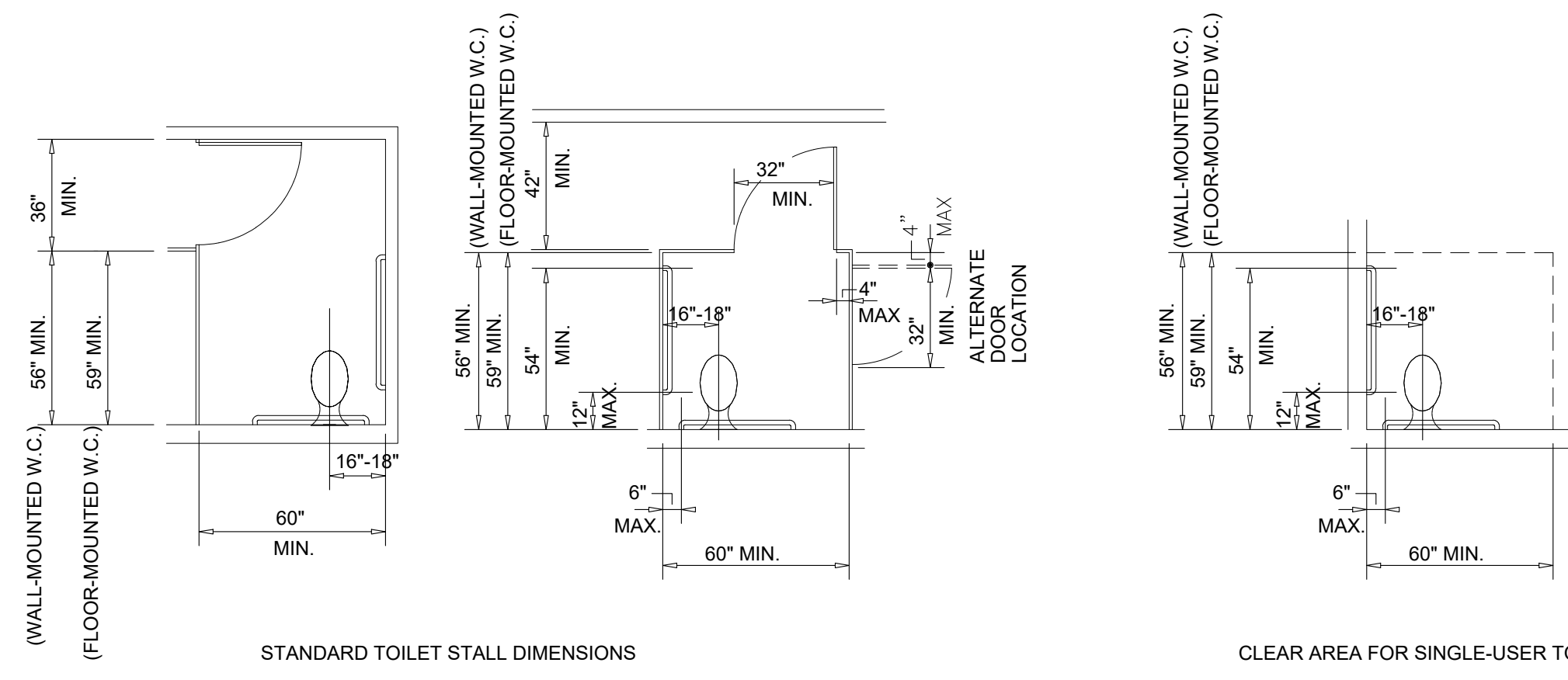
NOT FOR CONSTRUCTION

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

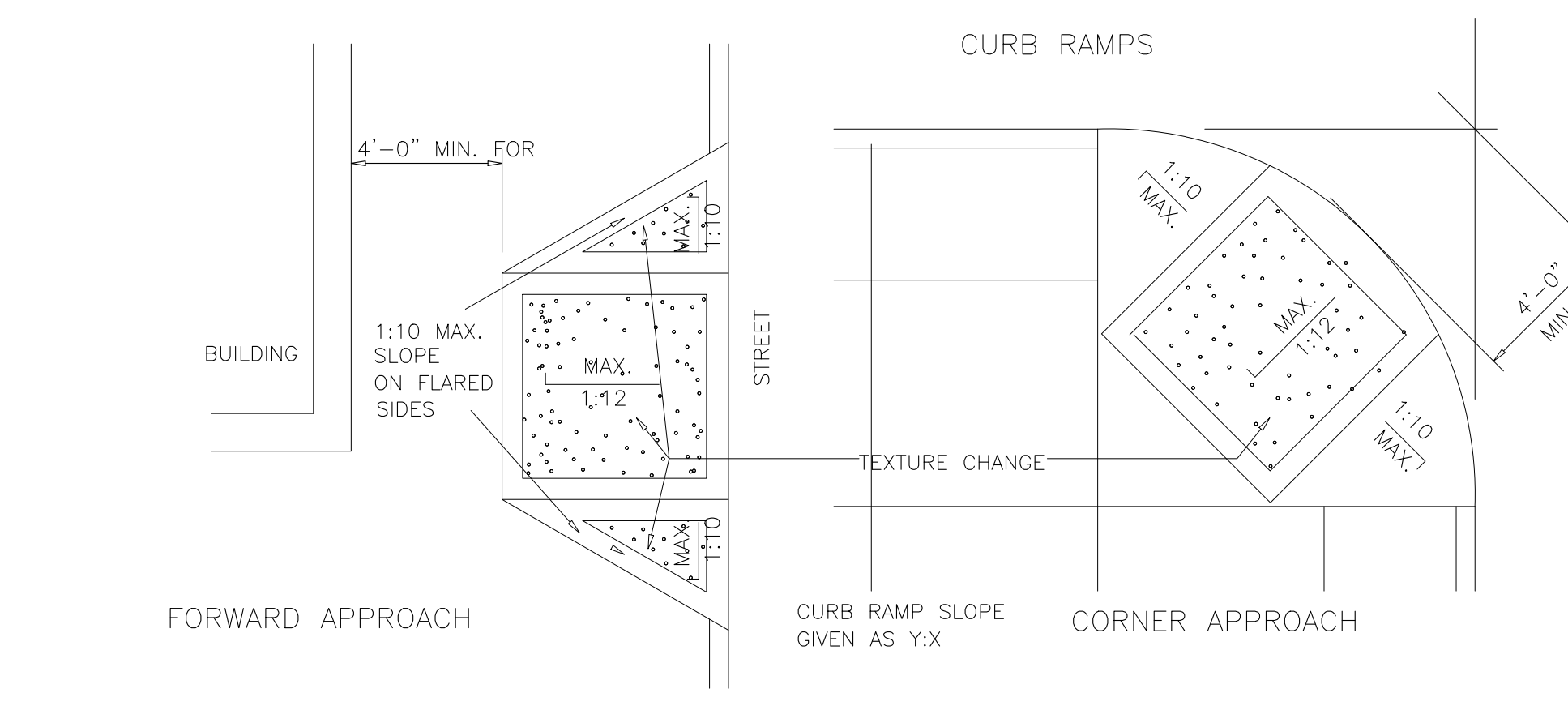
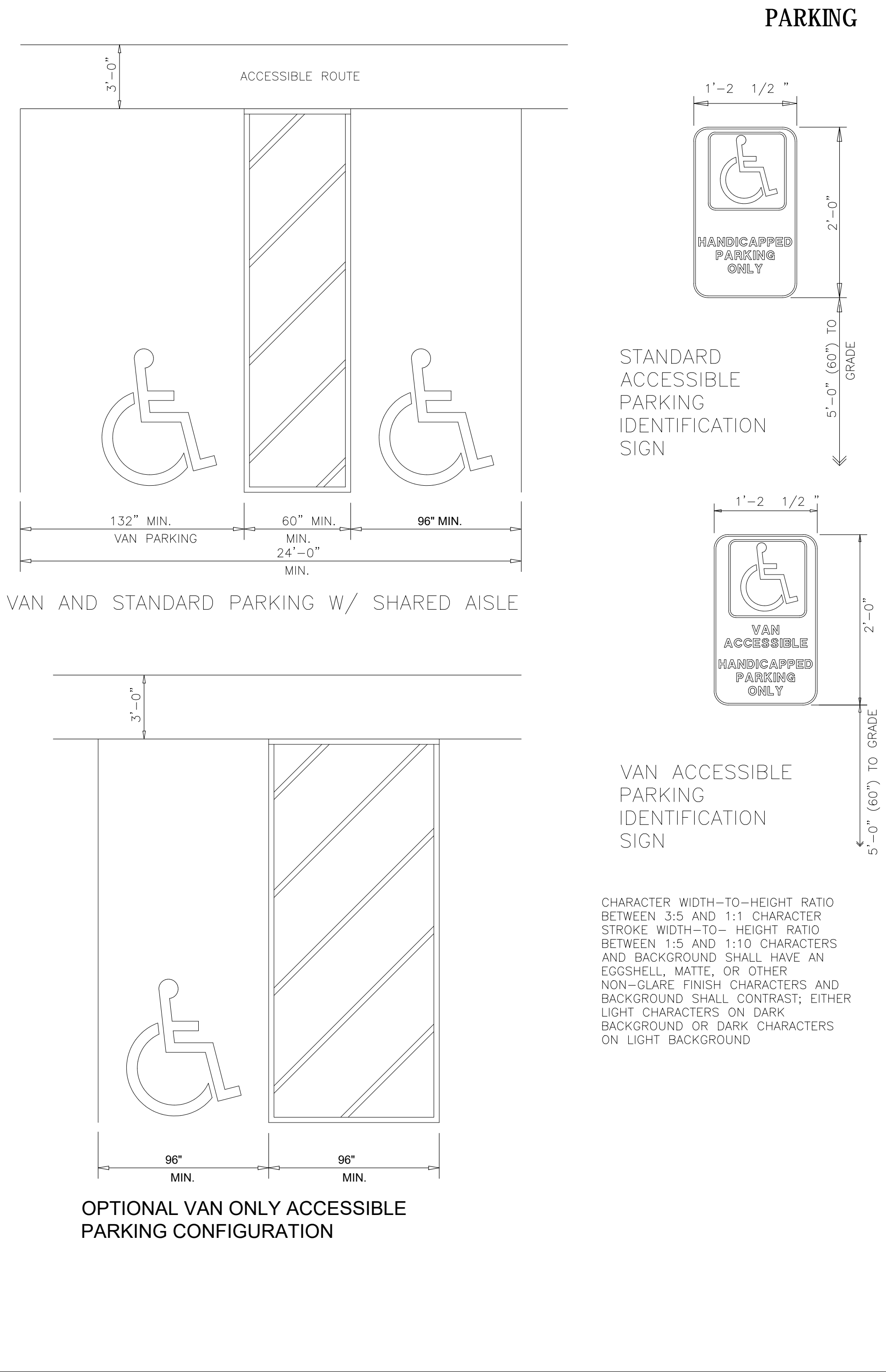
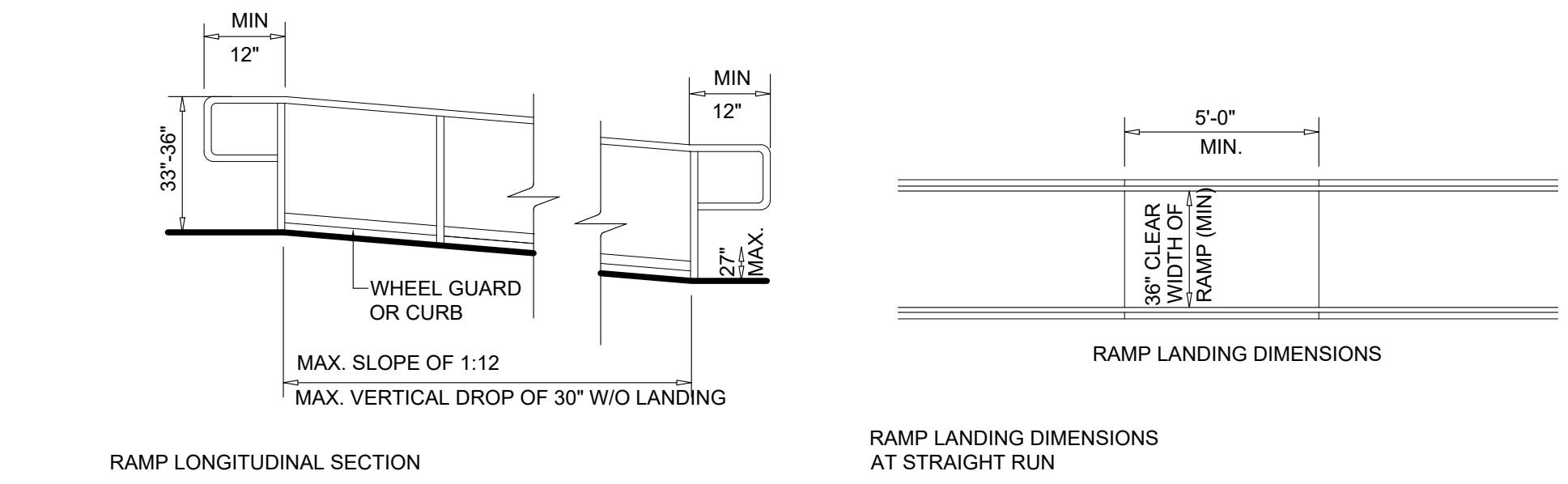
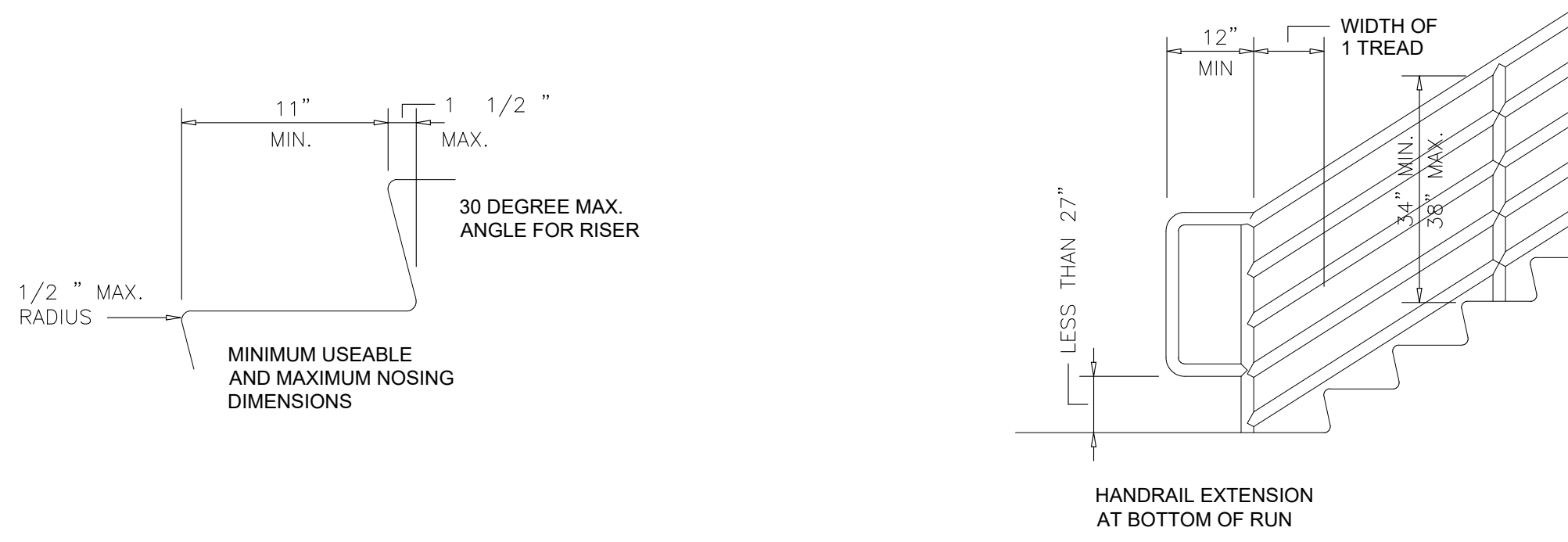
A002
 ADA GUIDELINES

2020 OPA Design Studio. All Rights Reserved.
 These designs/clearances are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

TOILET ROOMS



STAIRS, RAMPS AND HANDRAILS



NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100
www.designopa.com

DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501

NOT FOR CONSTRUCTION

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A003
ADA GUIDELINES

PLUMBING COUNT REQUIREMENTS - I.P.C. TABLE 403.1							
OCCUPANCY TYPE	TOTAL OCC. per sex	WATER CLOSETS / URINALS		LAVATORIES		OTHER (100%)	
		MALE (50%)	FEMALE (50%)	MALE (50%)	FEMALE (50%)	DRINKING FOUNTAIN*	UTIL SINK
BUSINESS (B) ratio (403.1)	19	1 per 25	1 per 25	1 per 40	1 per 40	1 per 1000	1
FACTORY (F1) ratio (403.1)	4	1 per 100	1 per 100	1 per 100	1 per 100	1 per 400	1
STORAGE (S1) ratio (403.1)	2	1 per 100	1 per 100	1 per 100	1 per 100	1 per 1000	1
TOTAL REQUIRED		1	1	1	1	*0	2
TOTAL PROVIDED		*2	*2	*2	*2	*0	2

NOTES: * WATER PROVIDED AT BAR
 * UNISEX RESTROOM TO BE USED BY BOTH CUSTOMERS & STAFF

INTERIOR - OCCUPANCY TYPE AND LOAD				
CLASSIFICATION	SPECIFIC USE	AREA (S.F.)	Occupant Load Factor I.B.C. Table 1004.1.2	OCCUPANT LOAD
Business (Fixed Seating)	Bar Seating, Drink Rail	38 LF	1 per 24"	19
Business (Fixed Seating)	Wheelchair & Companion			2
Business (Table Seating)	Table Seating	222	15 net	15
Business	Bar Service	100	150	1
Industrial	Distillery Production	531	100	5
Storage	Distillery Storage	172	300	1
Storage	Distillery Storage	172	300	1
Storage	Barrel Storage	191	300	1
Mechanical	Boiler Room	103	300	1
Storage	Dry Storage, Delivery	546	300	2
TOTAL INTERIOR		1,715		48

EXTERIOR - OCCUPANCY TYPE AND LOAD				
CLASSIFICATION	SPECIFIC USE	AREA (S.F.)	Occupant Load Factor I.B.C. Table 1004.1.2	OCCUPANT LOAD
Business	Table Seating	165	15	11
TOTAL EXTERIOR		165		11
TOTAL INTERIOR		1698		48
GRAND TOTAL	Interior & Exterior	1863		59

LEGEND

⑩ Cumulative occupant load for exit
 ① Occupant load of individual space

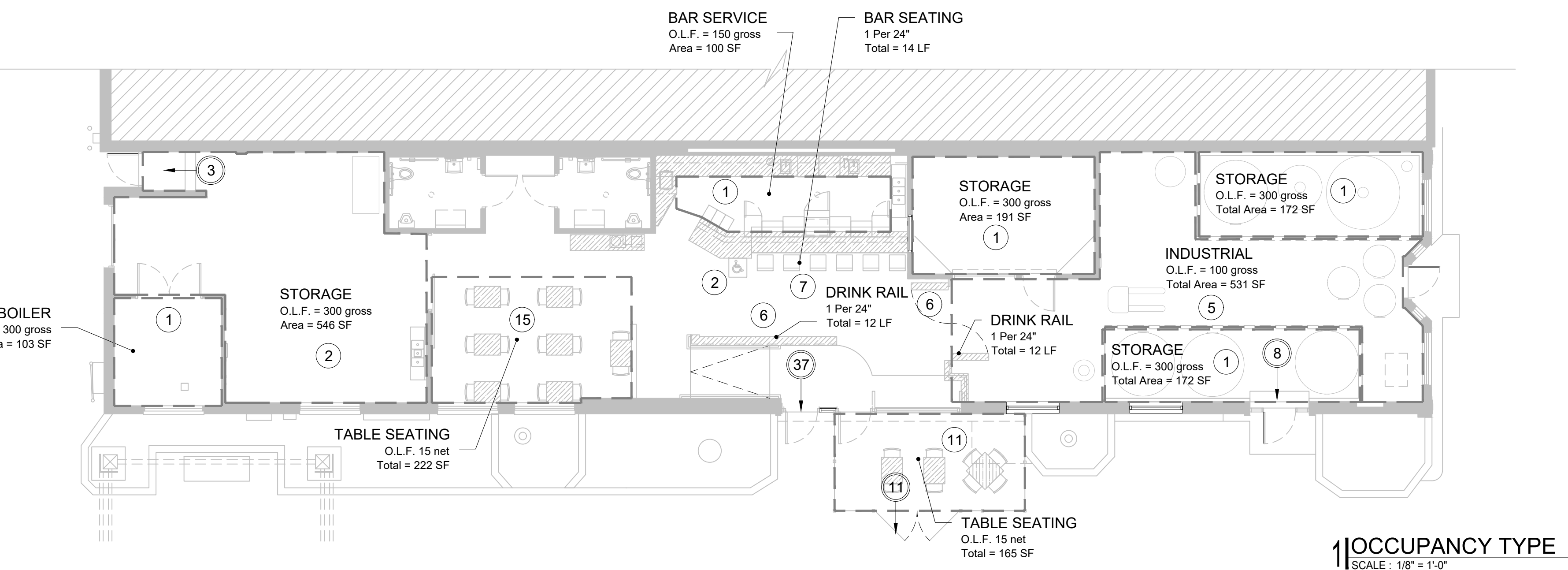
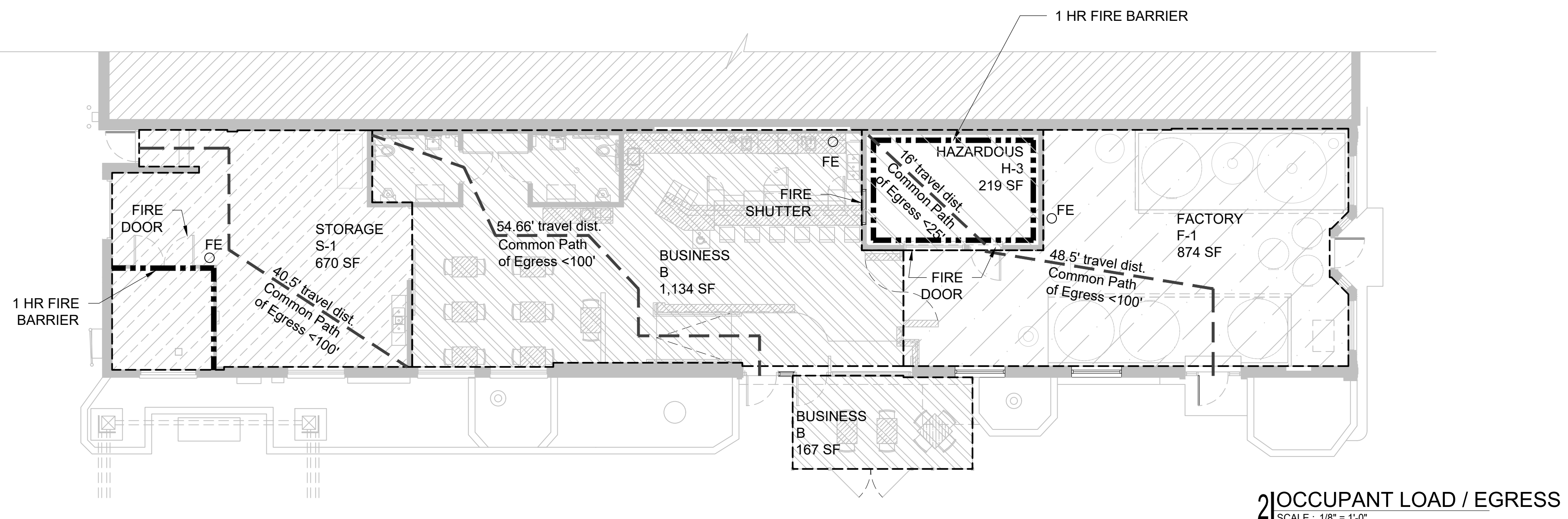
B Occupancy Type
 F-1 Occupancy Type
 H-3 Occupancy Type
 S-1 Occupancy Type

— Fire Barrier (See note for type)
 ○ FE Fire Extinguisher (not less than 2-A: 10-B; (C))

NOTES

1. SEE SITE PLAN, SHEET A100 FOR ADDITIONAL INFORMATION.

OCCUPANCY CLASSIFICATION			
Zoning	C-1 General Commercial	AREA (s.f.)*	NOTES
300	USE		
	Business (B)	1,134	
	Factory (F-1)	874	
	Hazardous (H-3)	219	
	Storage (S-1)	670	
Total	Interior Enclosed	2,897	
Exterior	Business (B)	165	Outdoors
Total	Exterior Outdoors	165	
Grand Total	Interior & Exterior	3062	



- 303.1.1. SMALL BLDG & TENANT SPACES
A building or tenant space used for assembly purposes with an occupant load less than 50 persons shall be classified as a Group B occupancy.
- 504.3. ALLOWABLE HEIGHT (Table 504.3): 40ft Type VB, S (Sprinkler System) (H-3 most restrictive)
- 504.4. ALLOWABLE STORIES (Table 504.4): Type VB, S (Sprinkler System)(H-3 most restrictive)
H-3 (High Hazard) 1 story
- 506.2. ALLOWABLE AREA (Table 506.2): Type VB, S (Sprinkler System)
H-3 (High Hazard) 5,000 sf
- 506.3. FRONTAGE INCREASE not used
- 508.2. ACCESSORY OCCUPANCIES - Accessory Occupancies are those occupancies that are ancillary to min occupancy of the building or portion thereof. Accessories occupancies shall comply with the provisions of Sections 508.2.1 through 508.2.4.
- 508.2.4. SEPARATION OF OCCUPANCIES - Exceptions: 1. Group H-2, H-3, H-4 & H-5 occupancies shall be separated from all other occupancies in accordance with Section 508.4
- 508.4. REQUIRED SEPARATION OF OCCUPANCIES - (Type VB, S (Sprinkler System))
1 hr separation required between H3 & B occupancies.
1 hr separation required between H3 & F1 occupancies.
No separation required between B & F1 occupancies.
No separation required between B & S1 occupancies.
- 601. FIRE RESISTANCE FOR BUILDING ELEMENTS - Per Table 601 none required for type VB construction
- 705.2. PROJECTIONS - Cornices, eave overhangs, exterior balconies, and similar projections extending beyond the exterior wall shall conform to requirements in this section.
- 705.2.2. Projections from walls of Type III, IV, V construction shall be of any approved material.
- 705.8.1. ALLOWABLE AREA OF OPENINGS.
Exceptions: 2. Buildings whose exterior bearing walls, exterior nonbearing walls and exterior primary structural frame are not required to be fire resistance rated shall be permitted to have unlimited unprotected openings.
- 714.4. HORIZONTAL ASSEMBLIES - Penetrations of a fire-resistant-rated floor, floor/ceiling assembly or the ceiling membrane of a roof/ceiling assembly not required to be enclosed by a shaft by Section 712.1 shall be protected in accordance with Sections 714.4.1 through 714.4.4.
- 716.5. FIRE SHUTTER & DOOR ASSEMBLIES - Per Table 716.5
- 903.2.5. FIRE SPRINKLERS - Group H - Automatic Sprinklers shall be provided in high hazard occupancies as required in Sections 903.2.5.1 through 903.2.5.3
- 1004.1.2. OCCUPANT LOAD - Per Table 1004.1.2. See Occupant Loads and Types above.
- 1004.5. OUTDOOR AREAS - Space is designated using Tale 1004.1.2.
- 1005.3.2. OTHER EGRESS COMPONENTS - Business = 37 Occ. x .2 = 7.4' Req'd (Total Exit Width Provided = 36") - Factory 1 = 8 Occ. x .2 = 1.6" Req'd (Total Exit Width Provided = 36") Storage = 3 Occ. x .2 = .6" (Total Exit Width Provided = 36")
- 1006.2.1. EGRESS BASED ON OCCUPANT LOAD - Two exits required if distance exceeds Table 1006.2.1 - B occupancy (sprinkler system) (>49 occupants) = 100' max, F occupancy (sprinkler system) (<49 occupants) = 100' max, S occupancy (sprinkler system) (<29 occupants) = 100', H occupancy (sprinkler system) (<3 occupants) = 25',
- 1017.2. EXIT ACCESS TRAVEL DISTANCE - Per Table 1017.2 (Sprinklers) B = 300', F-1 & S-1 = 250', F2=400', H3 = 150' to an exterior exit door at level of exit discharge or exterior exit stairway.

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

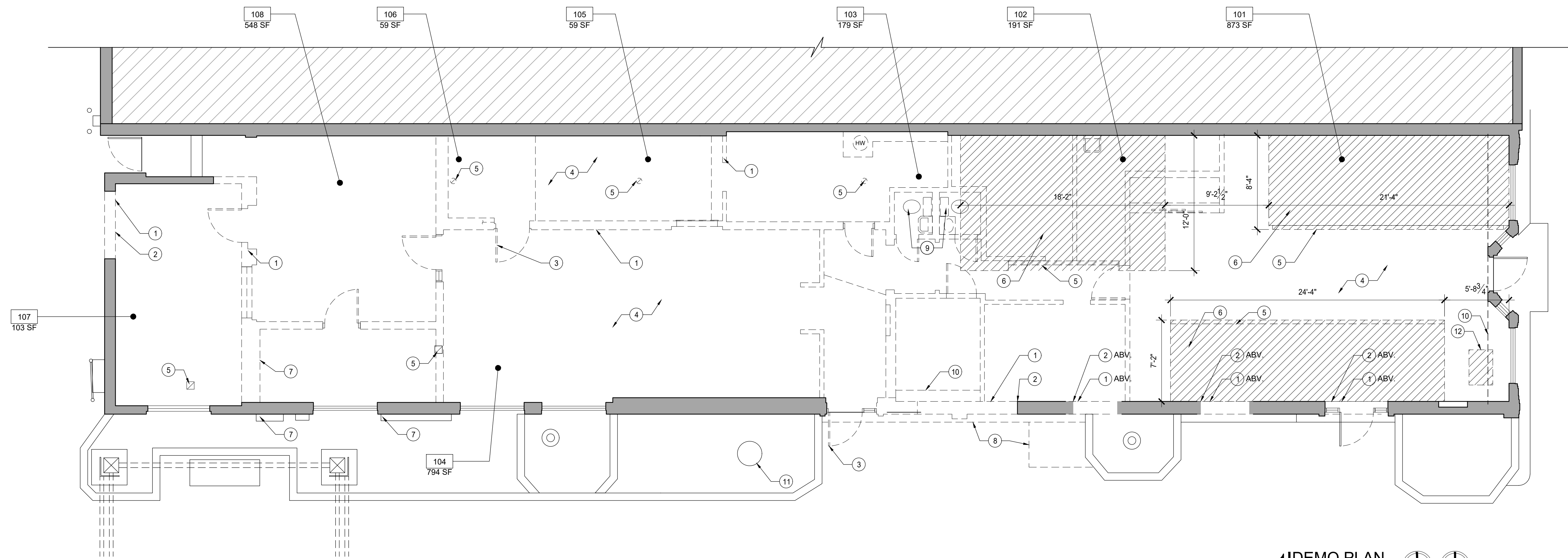
DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

NOT FOR CONSTRUCTION

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/12/2020

LS101
 LIFE/SAFETY PLANS

File Name: 201946_D101.dwg
 File Path: C:\Users\Todd\Syncology\Drive\OPA ARCHITECTURE\2019\201946_Dry_Land_Distillers01_CAD
 Plotted: October 01, 2020 - 7:13pm



DEMO PLAN
 SCALE: 3/16" = 1'-0"
 TRUE PLAN

LEGEND

	EXISTING WALL, V.I.F.
	DEMO WALL / DOOR / WINDOW / EQUIPMENT
	DEMO EXISTING SLAB

- DEMOLITION GENERAL NOTES:**
- CONTRACTOR TO VERIFY EXTENT OF DEMOLITION WHERE NECESSARY WITH RESPECT TO NEW CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, SITE GRADES, ETC., PRIOR TO CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT COULD AFFECT THE DESIGN AND FINISH-OUT OF THE BUILDING.
 - ALL DEMOLITION ACTIVITIES SHALL COMPLY WITH ALL APPLICABLE CITY AND STATE CODES AND STANDARDS.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL UTILITY COMPANIES AND PERFORMING ALL WORK REQUIRED FOR UTILITIES.
 - THE OWNER SHALL PAY AND OBTAIN ALL REQUIRED PERMITS AND CERTIFICATES FOR DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY FEES AND PERMITS.
 - THE CONTRACTOR SHALL ATTEMPT TO SALVAGE OR RECYCLE ALL MATERIALS WHEN FEASIBLE ASSOCIATED WITH DEMOLITION OF THE EXISTING STRUCTURE AND ITS PARTS.
 - ANY FIELD CONDITIONS NOT CALLED OUT ON THE ARCHITECTURAL PLANS ARE TO BE COORDINATED WITH THE CONTRACTOR, ARCHITECT AND OWNER AND OTHERS AS NECESSARY IN THE FIELD.
 - CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN THE DRAWINGS AND ACTUAL FIELD CONDITIONS PRIOR TO START OF WORK.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO THE EXISTING PROPERTY, BUILDINGS OR OWNER'S EQUIPMENT INCURRED BY HIS STAFF OR SUBCONTRACTORS.
 - CONTRACTOR TO PROTECT AREAS AND SURFACES ADJACENT TO THE CONSTRUCTION AREA FROM DAMAGE AND DEBRIS. ALL AREAS ARE TO BE CLEAN AND SERVICEABLE AT THE COMPLETION OF DEMOLITION, PRIOR TO COMMENCEMENT OF NEW CONSTRUCTION.
 - THE ARCHITECT WILL NOT BE RESPONSIBLE FOR, NOR HAVE CONTROL OF, NOR BE IN CHARGE OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, NOR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK.
 - CONTRACTOR TO REMOVE AND TIE-OFF ALL ELECTRICAL OUTLETS & SWITCHES, DATA, TELEPHONE, HVAC THERMOSTATS, AND ANY OTHER ITEMS LOCATED IN AND ON DEMOLISHED WALLS.
 - REMOVE ALL EXISTING FLOORING IN PROJECT AREA. CLEAN AND PREP FLOORS FOR DESIGNATED FINISH.
 - REMOVE DOOR, DOOR FRAME & DOOR HARDWARE AT ALL DEMOLISHED WALLS, AND ALL OTHER DOORS SPECIFICALLY NOTED.
 - REMOVE DESIGNATED BUILDING EQUIPMENT AND FIXTURES; REMOVE DESIGNATED PARTITIONS AND COMPONENTS, AS DEFINED ON DRAWINGS.
 - IF NECESSARY THE BUILDING OWNER TO PROVIDED A HAZARDOUS MATERIALS SURVEY. IF HAZARDOUS MATERIALS ARE DISCOVERED DURING THE COURSE OF WORK, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER.
 - SEE FLOOR FINISH PLAN FOR SLAB CUT LOCATIONS. CONFIRM WITH MEP FOR EXTENT OF ALL TRENCHING REQUIRED.

- DEMO PLAN KEYNOTES**
- DEMO EXISTING WALLS
 - REFER TO PLAN FOR EXTENT OF DEMO, TYP.
 - DEMO DOOR, TYP.
 - DEMO EXIST. RAISED FLOOR
 - DEMO EXISTING SLAB FOR FLOOR & TRENCH DRAINS, VERIFY PLUMBING FOR EXTENT OF ADDITIONAL DEMO FOR ALL UNDERGROUND LINES.
 - DEMO EXISTING SLAB FOR NEW SLOPED SLAB, SEE FLOOR FINISH PLANS FOR LOCATIONS
 - LOCATION OF EXIST. ELECTRICAL PANEL
 - DEMO CONC. CURB
 - DEMO FIXTURES, TYP.
 - DEMO MILLWORK, TYP.
 - EXIST. TREE, PROVIDE TREE PROTECTION AS NECC.
 - DEMO FLOOR FOR FIRE RISER, COORD. W/ FIRE SPRINKLER CONTRACTOR

NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr, Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

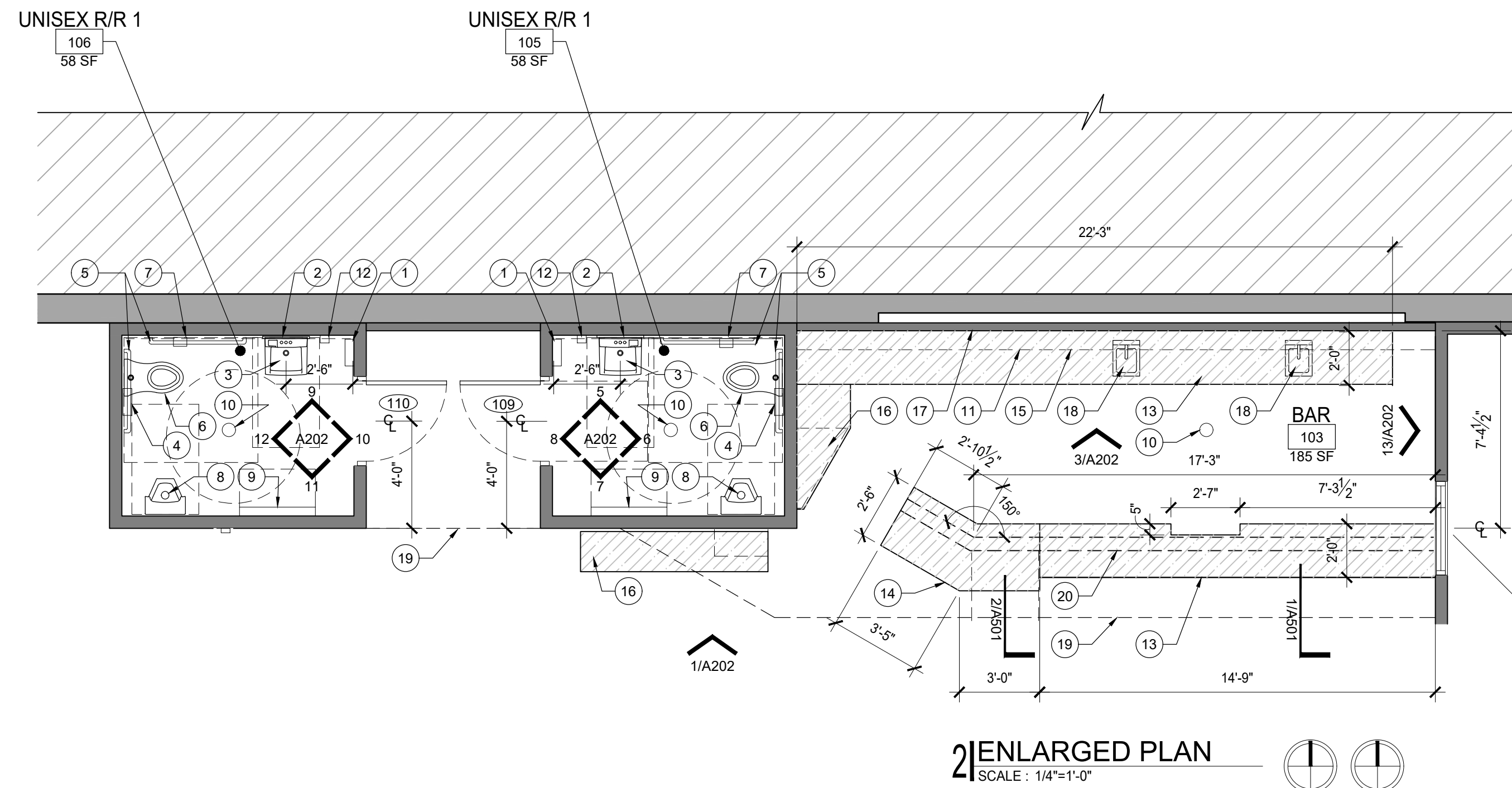
NOT FOR CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved. These designs / drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

D101
 DEMO PLAN

File Name: 201946_A101_Plans.dwg
 File Path: C:\Users\Todd\SynologyDrive\OPA ARCHITECTURE\20191019\201946_DryLandDistillers01_CAD
 Plotted: October 01, 2020 - 6:54pm



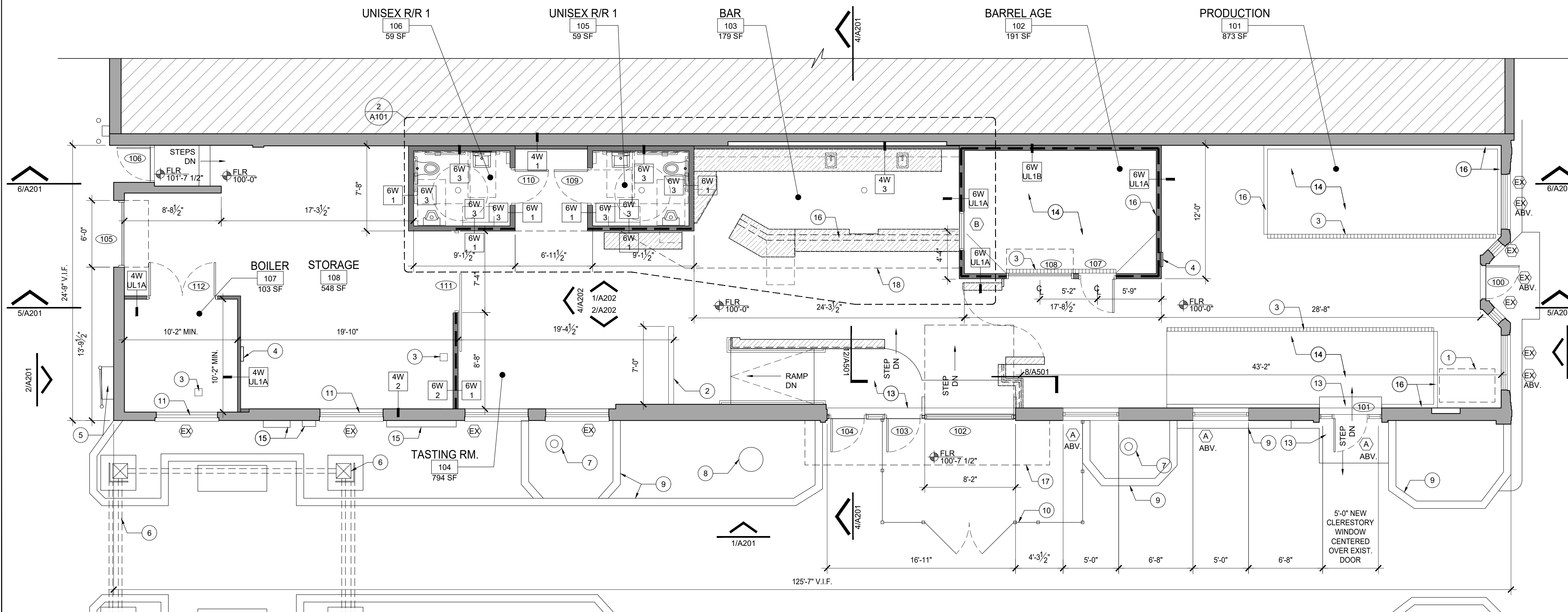
ENLARGED FLOOR PLAN GENERAL NOTES

- TOILET HEIGHT 17" - 19"
- LOCATE TOILET PAPER DISPENSER BETWEEN 15" - 48" A.F.F. AND BETWEEN 7'-9" IN FRONT OF TOILET.
- ALLOW MIN. 1 1/2" MIN. CLEARANCE BETWEEN GRAB BAR AND OTHER TOILET ACCESSORIES.
- LOCATE OTHER TOILET ACCESSORIES SUCH THAT OPERABLE PORTIONS ARE BETWEEN 15" AND 48" A.F.F.
- WRAP EXPOSED WASTE PIPE AT LAVATORIES.
- AT MIRRORS, BOTTOM OF REFLECTIVE SURFACE MUST BE NO MORE THAN 44" FROM THE FINISHED FLOOR.
- ALL WALL & CEILING SURFACES AT BAR AND RESTROOMS TO BE CLEANABLE/WASHABLE SURFACES PER COUNTY HEALTH DEPARTMENT REQUIREMENTS.
- SEE A602 FOR EQUIPMENT SCHEDULE.
- CONFIRM BAR COUNTER HEIGHT DOES NOT CONFLICT W/ BAR EQUIPMENT BELOW

ENLARGED FLOOR PLAN KEYNOTES

- PAPER TOWEL DISPENSER & TRASH COMBO, POLISHED SS
- WALL MOUNTED MIRROR, POLISHED SS FRAME
- WALL MOUNTED LAVATORY, HEIGHT PER ADA, SEE PLUMBING FAUCET: POLISHED SS
- SEAT COVER DISPENSER
- GRAB BAR (PER ELEVATION)
- TOILET, SEE PLUMBING
- TOILET PAPER DISPENSER
- URINAL, SEE PLUMBING
- BABY CHANGING STATION, FLUSH MTD., SS
- FLOOR DRAIN, SEE PLUMBING
- WALL & CABLE MOUNTED WOOD SHELF, SEALED
- WALL MOUNTED SOAP DISPENSER, FINISH SS
- BAR COUNTER @ 42" A.F.F.
- BAR COUNTER @ 34" A.F.F.
- WALL MOUNTED BAR SHELVING
- MERCHANDISE MILLWORK SHELVING/CABINET
- MENU ABOVE
- LAY-IN SINK
- WALL / SOFFIT ABOVE
- WALL BELOW COUNTER

2 | ENLARGED PLAN
 SCALE: 1/4"=1'-0"



1 | FLOOR PLAN
 SCALE: 3/16"=1'-0"

LEGEND

- NEW WALL PER TYPE
- EXIST. WALL
- WALL TO DECK, SEE RCP
- WALL TYPE PER A-601
- WINDOW TYPE PER A-601
- DOOR TYPE PER A-601
- KEYNOTE
- EQUIPMENT TAG PER EQUIPMENT SCHEDULE

HATCH LEGEND

- MILLWORK
- ADJACENT TENANT

FLOOR PLAN GENERAL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING DIMENSIONS, SITE GRADES, ETC., PRIOR TO CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT COULD AFFECT THE DESIGN AND FINISH OUT OF THE BUILDING. SITE LAYOUT TO BE VERIFIED BY A LICENSED SURVEYOR WITH WRITTEN VERIFICATION FORWARDED TO THE OWNER/ARCHITECT.
- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE COUNTY AND STATE CODES AND STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL UTILITY COMPANIES AND PERFORMING ALL WORK REQUIRED FOR UTILITIES.
- THE OWNER SHALL PAY AND OBTAIN ALL REQUIRED PERMITS AND CERTIFICATES OF OCCUPANCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY FEES AND PERMITS.
- GENERAL CONTRACTOR IS TO INSTALL ADA REQUIRED MEASURES TO COMPLY WITH ALL APPLICABLE CODES BASED ON SITE CONDITIONS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ACCESS PANEL LOCATIONS AS NECESSARY FOR PROPER ACCESS, REGARDLESS AS TO WHETHER THEY ARE SPECIFICALLY NOTED ON THE CONSTRUCTION DOCUMENTS.
- ANY FIELD CONDITIONS NOT CALLED OUT ON THE ARCHITECTURAL PLANS ARE TO BE COORDINATED WITH THE CONTRACTOR, ARCHITECT AND OWNER AND OTHERS AS NECESSARY IN THE FIELD.
- CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN THE DRAWINGS AND ACTUAL FIELD CONDITIONS PRIOR TO START OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO THE EXISTING PROPERTY, BUILDINGS, OR OWNER'S EQUIPMENT INCURRED BY HIS STAFF OR SUBCONTRACTORS.
- CONTRACTOR TO PROTECT AREAS FROM DAMAGE AND DEBRIS. ALL AREAS ARE TO BE CLEAN AND SERVICEABLE AT THE COMPLETION OF DEMOLITION, PRIOR TO COMMENCEMENT OF NEW CONSTRUCTION.
- DIMENSIONS ARE TO STUD FRAME. WRITTEN DIMENSIONS GOVERN; DO NOT SCALE DRAWINGS.
- THE ARCHITECT WILL NOT BE RESPONSIBLE FOR, NOR HAVE CONTROL OF, NOR BE IN CHARGE OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, NOR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE ARCHITECT WILL NOT BE RESPONSIBLE, NOR HAVE CONTROL OF, NOR BE IN CHARGE OF THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OF THEIR AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK.
- ANY REFERENCE TO SPECIFIC MANUFACTURER'S PRODUCTS SHALL BE PRICED ACCORDINGLY. ANY ALTERNATES OR SUBSTITUTES SHALL BE CONFIRMED WITH ARCHITECT & OWNER
- ALL SERVICE AREAS AND RESTROOM FINISHES SHALL BE CLEANABLE & WASHABLE SURFACES PER HEALTH DEPT. STANDARDS.
- SEE EQUIPMENT PLAN FOR FIXTURE LOCATIONS.
- DOORS TO BE FRAMED 4'-6" OFF WALL UNLESS NOTED OTHERWISE.
- ALL WALL INSULATION TO BE MIN. R-19. ALL ROOF INSULATION TO BE MIN. R-38.
- CONTRACTOR TO VERIFY ALL DOOR EXIT TRANSITIONS WITH ONSITE CONDITIONS.

AREA CALCULATIONS

TOTAL INTERIOR CONDITIONED AREA:	2897 SF
TOTAL EXTERIOR PORCH AREA:	165 SF
TOTAL:	3062 SF

FLOOR PLAN KEYNOTES

- FIRE RISER
- LOW WALL @ 48" H.T., SEE DETAIL
- FLOOR / TRENCH DRAIN, SEE PLUMBING, SEE FLOOR FINISH PLAN FOR LOCATIONS
- ELECTRICAL PANEL, SEE ELECTRICAL
- EXIST. GAS LINE / METER
- EXIST. PERGOLA
- EXIST. LIGHT POST
- EXIST. TREE
- EXIST. CURBS
- PAINTED METAL FENCE @ 36" H.T. W/ 8" WIDE GATE
- TRANSLUCENT DECOR FILM ON EXIST. WINDOW
- EXIST. SLOPED ENTRY WALKWAY
- NEW LANDING / RAMP TO MATCH H.T. OF EXISTING CURB @ EXIST. DOOR THRESHOLD
- NEW SLOPING SLAB W/ CURB. SEE FLOOR FINISH PLAN
- EXISTING ELEC. PANEL
- 4" OR 6" HT. CONCRETE CONTAINMENT CURB, SEE FLOOR FINISH PLAN FOR LOCATIONS, SEE STRUCTURAL
- EXTERIOR AWNING ABOVE, SEE STRUCTURAL
- BAR SOFFIT ABOVE

REVISIONS

NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

NOT FOR CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved.
 These designs / drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A101
 FLOOR PLAN

FINISH SCHEDULE									
ROOM #	ROOM NAME	FLOOR Base Bid	BASE	WALLS				CEILING (SEE RCP)	NOTES
				NORTH	EAST	SOUTH	WEST		
101	PRODUCTION	FL-3 FL-4	B-1	BRK	PT	BRK	PT, WD-1	OPEN	
102	BARREL AGE	FL-4	CONC	FRP	FRP	FRP	FRP	GWB	FIRE RATED ASSEMBLY
103	BAR	FL-3	B-1	FRP, T-1, MIR	FRP, WD-1, PT	FRP	PT, WD-1	GWB	
104	TASTING ROOM	FL-1	WD, MTL, CONC	N/A	MT-1, PT	BRK	PT	OPEN	
105	UNISEX RESTROOM	FL-1	TILE	T-1, PT	T-1, PT	T-1, PT	T-1, PT	GWB	
106	UNISEX RESTROOM	FL-1	TILE	T-1, PT	T-1, PT	T-1, PT	T-1, PT	GWB	
107	BOILER	FL-1	B-2	PT	PT	BRK	BRK	GWB	FIRE RATED ASSEMBLY
108	STORAGE	FL-1	B-2	BRK	FRP, PT	BRK, FRP	BRK	OPEN & GWB	

LEGEND

XXX-X WALL FINISH TAG

KEYNOTES

1 WALL ABOVE BAR SOFFIT TO DECK

INTERIOR FINISH KEY

FLOORING
 FL-1 EXISTING SLAB (PATCH & REPAIR AS NECC.)
 FL-2 NEW CONC. RAMP/STEP
 FL-3 EPOXY FLOOR COATING (ON EXISTING SLAB)
 FL-4 EPOXY FLOOR COATING (ON NEW SLOPED SLAB)

WALLS
 FRP FIBERGLASS REINFORCED PANEL, COLOR WHITE, FINISH SMOOTH
 MTL-1 CUSTOM METAL SCREEN (PATTERN TBD)
 WD-1 CEDAR WOOD SLATS, SEALED
 PT PAINT GYPSUM BOARD (COLOR TBD BY OWNER & ARCHITECT)
 MIR MIRROR PANELS
 BRK EXISTING BRICK TO REMAIN
 T-1 WALL TILE: (MFR, COLOR, SIZE TBD BY OWNER & ARCHITECT)
 GROUT: TBD
 T-2 WALL TILE: (MFR, COLOR, SIZE TBD BY OWNER & ARCHITECT)
 GROUT: TBD

WALL BASE
 B-1 6" WOOD BASE (PAINTED)
 B-2 EPOXY WALL BASE
 B-3 RUBBER BASE
 TILE TILE BASE
 CONC CONCRETE CONTAINMENT CURB BASE

COUNTERTOPS
 QTZ QUARTZ, MFR: CAESARSTONE - RAVEN 4120, MITERED EDGE
 WD-2 BUTCHER BLOCK COUNTER TOP (BACK BAR)

CEILING
 GWB PAINTED GYPSUM BOARD
 OPEN EXPOSED DECK / STRUCTURE PAINTED

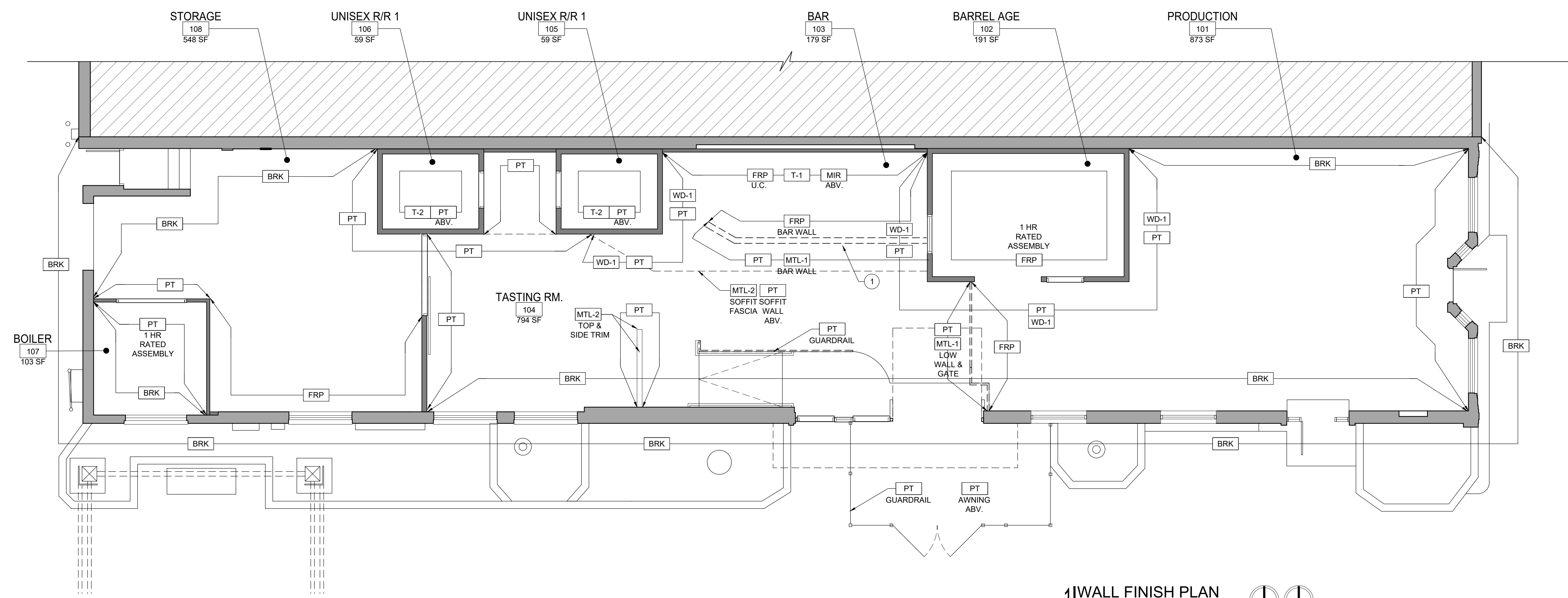
WALL & SOFFIT TRIM
 MTL-2 MILL FINISH STEEL

EXTERIOR FINISH KEY

WALLS
 BRK EXISTING BRICK (PATCH & REPAIR AS NECC.)

FINISH SCHEDULE NOTES

- DOOR FRAMES TO BE PAINTED UNLESS NOTED OTHERWISE.
- CLEANABLE / WASHABLE SURFACES REQUIRED AT BAR AND RESTROOMS PER HEALTH CODE.
- GYPSUM BOARD WALLS TO BE LEVEL 4 WITH SMOOTH FINISH, UNLESS NOTED OTHERWISE.
- NO PAINT COLOR SHOULD TERMINATE OR END ON AN OUTSIDE CORNER.
- INTERIOR PAINT AT WALLS TO BE SEMI-GLOSS IN RESTROOMS & EGG-SHELL AT OTHER LOCATIONS.
- CONTRACTOR TO PROVIDE AN ALLOWANCE FOR UP TO 4 DIFFERENT PAINT COLORS. COLOR TBD.
- PROVIDE WATER RESISTANT GYPSUM BOARD WITHIN 4' OF ANY PLUMBING FIXTURE.
- CONTRACTOR TO PROVIDE ALL FINISH SAMPLES & MOCK UPS FOR OWNER & ARCHITECT APPROVAL PRIOR TO PURCHASE.
- EPOXY BASE / CURBS AT ALL EPOXY FLOORING.
- SEE FINISH PLAN AND RCP FOR MORE INFORMATION ON MATERIAL LOCATIONS.
- CONTRACTOR TO CONFIRM TILE MANUFACTURER, COLOR, SIZE AND GROUT WITH OWNER & ARCHITECT PRIOR TO PURCHASE.
- CONTRACTOR TO CONFIRM ALL PAINT COLORS AND LOCATIONS WITH OWNER & ARCHITECT PRIOR TO PURCHASE.



WALL FINISH PLAN
 SCALE: 3/16" = 1'-0"

REVISIONS	NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

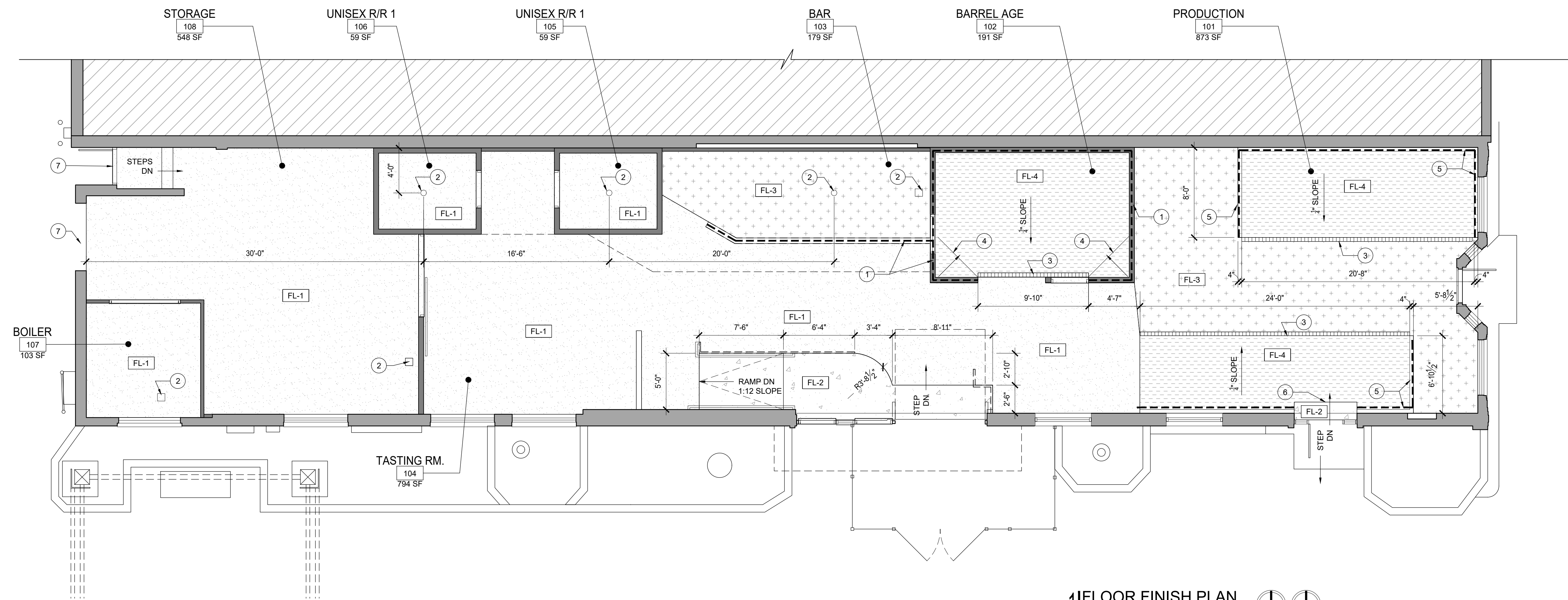
NOT FOR CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved. These designs/drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A103
 WALL FINISH PLAN

File Name: 201946_A103_Finish.dwg
 File Path: C:\Users\Todd\SyncologyDrive\OPA ARCHITECTURE\2019\201946_DryLandDistillers01_CAD
 Plotted: October 01, 2020 - 7:17pm



FLOOR HATCH LEGEND	
	FL-1 EXISTING SLAB (PATCH & REPAIR AS NECC.)
	FL-2 NEW CONCRETE RAMP/STEP
	FL-3 EPOXY FLOOR COATING (ON EXISTING SLAB)
	FL-4 NEW SLOPED SLAB W/ EPOXY FLOOR COATING (SEE STRUCTURAL)
	6" HT. CONTAINMENT CURB

FLOOR FINISH GENERAL NOTES	
1.	PROVIDE EPOXY CURB BASE AT ALL EPOXY FLOOR LOCATIONS
2.	SEE STRUCTURAL FOR NEW SLAB DETAILS TYING INTO EXISTING SLAB.
3.	SEE PLUMBING PLAN FOR FURTHER DRAIN INFORMATION
4.	PATCH & REPAIR EXIST. SLAB AS NECC. PATCH & REPAIR EXIST. SLAB @ ALL AREAS OF DEMO FOR INSTALLATION OF PLUMBING.

FLOOR FINISH PLAN KEYNOTES	
1	6" HT. CONCRETE CONTAINMENT CURB & WALL BASE, SEE STRUC.
2	FLOOR / SINK DRAIN, SEE PLUMBING
3	TRENCH DRAIN
4	CRICKET AT SLOPING SLAB
5	4" HT. CONCRETE CONTAINMENT CURB @ SLOPING SLABS, SEE STRUC.
6	CONFIRM LANDING AT SLOPED SLAB IS FLAT AT EXTERIOR DOOR TRANSITION, V.I.F.
7	EXISTING EXTERIOR GRADE IS 1'-7 1/2" A.F.F., V.I.F.

REVISIONS	NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100

www.designopa.com

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

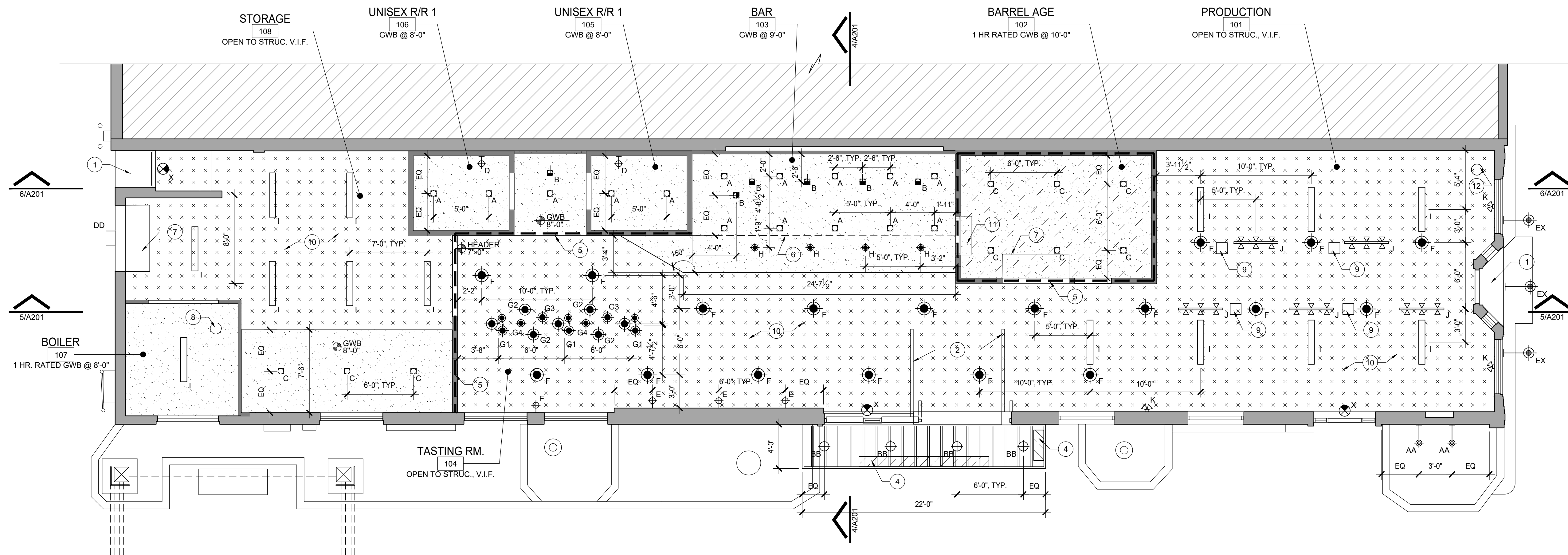
NOT FOR
 CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved. These designs / drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.
JOB NO.: 201946
PHASE: PERMIT
DRAWN: DG, TH
CHECKED: SO
DATE: 10/1/2020

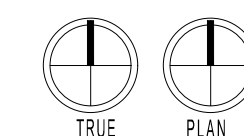
FLOOR FINISH PLAN
 SCALE: 3/16" = 1'-0"
 TRUE PLAN

A104
 FLOOR FINISH PLAN

File Name: 201946_A105_RCP.dwg
 File Path: C:\Users\Todd\SynologyDrive\OPA ARCHITECTURE\20191019\201946_DryLandDistillers01_CAD
 Plotted: October 01, 2020 - 6:59pm



1 REFLECTED CEILING PLAN
 SCALE: 3/16"=1'-0"



REFLECTED CEILING PLAN GENERAL NOTES:

- THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE REFLECTED CEILING PLANS WITH: ELECTRICAL LIGHTING SYSTEMS AND COMMUNICATIONS DRAWINGS / AUDIO VISUAL DRAWINGS MECHANICAL SUPPLIES AND RETURNS EXHAUST DRAWINGS FIRE PROTECTION DRAWINGS CONTRACTOR TO IMMEDIATELY NOTIFY THE ARCHITECT OF ANY ERROR, INCONSISTENCY OR OMISSION.
- SEE ELECTRICAL, COMMUNICATION, SECURITY AND FIRE PROTECTION DRAWINGS FOR LOCATIONS OF CEILING OR WALL MOUNTED SMOKE DETECTORS, COMMUNICATIONS DEVICES, SECURITY ALARMS, FIRE ALARM DEVICES, ETC. SOME OF THESE ITEMS ARE SHOWN ON THE ARCHITECTURAL PLANS AS WELL.
- ALL FIXTURES ARE SHOWN FOR DIMENSIONAL LOCATION ONLY. VERIFY WITH ELECTRICAL DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- A COORDINATED PLAN OF ALL EXPOSED CEILING ELEMENTS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO DESIGN, PERMITTING, FABRICATION AND INSTALLATION OF ANY SYSTEMS OR A COORDINATION MEETING SHALL BE HELD CONFIRMING LOCATION OF ALL EXPOSED FIXTURES PRIOR TO INSTALLATION.
- SPRINKLER HEADS (WHERE APPLICABLE):
 - SPRINKLER HEAD LOCATIONS ARE NOT INDICATED ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
 - THE CONTRACTOR SHALL INSTALL SUFFICIENT HEADS IN ALL SPACES TO PROVIDE COMPLETE (100%) AUTOMATIC SPRINKLER COVERAGE AS DEFINED BY NFPA STANDARD 13, SPECIFICATION DIVISION 21 - FIRE SUPPRESSION AND AS SHOWN ON THE FIRE PROTECTION DRAWINGS (IF THEY ARE PROVIDED IN THIS DRAWING PACKAGE).
 - NEITHER SPRINKLER HEADS NOR CONCEALED SPRINKLER HEAD COVERS ARE ALLOWED TO BE PAINTED. THE CONTRACTOR SHALL VERIFY THAT ANY SPRINKLER HEADS WHICH ARE ACCIDENTALLY PAINTED ARE REMOVED FROM THE SITE AND REPLACED WITH NEW SPRINKLER HEADS.
- MEP ENGINEERS AND ARCHITECT TO REVIEW AND APPROVE LOCATIONS OF ALL LIGHTING - CONTRACTOR-PROVIDED AND OWNER-PROVIDED, PRIOR TO INSTALLATION.
- REFER TO FINISH SCHEDULE FOR GYPSUM BOARD PAINT COLORS AND OTHER MISC. PAINT COLORS.
- ALL EXPOSED TO VIEW STRUCTURE, EQUIPMENT, CONDUIT AND APPLICABLE DEVICES ARE TO RECEIVE PAINT, COLOR AS SELECTED BY ARCHITECT.
- ALL CONDUIT IS TO BE CONCEALED FROM VIEW AS MUCH AS POSSIBLE. ROUTE CONDUITS IN FLUTES OF METAL DECK, IN SLAB OR TIGHT AGAINST METAL DECK AS APPROVED BY THE ARCHITECT.
- FIRE SEAL ALL GAPS, CRACKS AND PENETRATIONS THROUGH CEILING AS RATED ASSEMBLIES ONLY.
- VERIFY EXACT LOCATION FOR OWNER-PROVIDED, CEILING-MOUNTED EQUIPMENT AND DEVICES.
- LOCATE AIR DEVICES, SPEAKERS, FIRE ALARM DEVICES AND SPRINKLER HEADS THOUGHTFULLY. ALIGN DEVICES AND CENTER IN THE CEILING PANEL WHERE POSSIBLE.
- ANY ITEMS SUSPENDED FROM THE CEILING OR INSTALLED ON AN INTERIOR WALL IN ANY COMMERCIAL PROJECT MUST NOT HANG LOWER THAN 80" ABOVE THE FINISHED FLOOR.

CEILING LEGEND:

- WALL TO DECK
- EXPOSED STRUCTURE, PAINTED
PROVIDE R-38 RIGID INSULATION PANEL BETWEEN EXISTING STRUCTURE, PAINTED
- GYPSUM BOARD, PAINTED
- 1 HR RATED GYPSUM BOARD, PAINTED
- EXTERIOR CANOPY TRELLIS W/ TIE RODS
- SIGNAGE (PROVIDE POWER AS NECESSARY)

LIGHTING LEGEND:

- | | | |
|----|---|---|
| A | □ | RECESSED CAN FIXTURE |
| B | ■ | RECESSED DIRECTIONAL CAN FIXTURE |
| C | □ | RECESSED CAN FIXTURE, LOW VOLTAGE |
| D | □ | WALL SCONCE (RESTROOM) |
| E | □ | WALL SCONCE (TASTING RM.) |
| F | □ | PENDANT FIXTURE (GENERAL LIGHTING) |
| G1 | ● | 3PK GLOBE PENDANT FIXTURE |
| G2 | ● | 12" GLOBE PENDANT FIXTURE |
| G3 | ● | 10" GLOBE PENDANT FIXTURE |
| G4 | ● | 8" GLOBE PENDANT FIXTURE |
| H | ● | PENDANT FIXTURE (BAR) |
| I | □ | STRIP FIXTURE |
| J | □ | TRACK FIXTURE (4' TRACK - MULTIPLE HEADS) |
| K | □ | VERTICAL TRACK FIXTURE (2' TRACK - 2 HEADS) |
| X | □ | EXIT SIGN |
| AA | □ | EXTERIOR ARM MOUNTED SIGNAGE PENDANT |
| BB | □ | EXTERIOR SURFACE MTD. FIXTURE |
| CC | □ | EXTERIOR TREE STRING LIGHTING |
| DD | □ | EXTERIOR SURFACE MTD. WALL PACK |
| EX | □ | EXISTING EXTERIOR ARM MTD. PENDANT |

RCP KEYNOTES

- EXISTING BUILDING OVERHANG
- GARAGE DOOR TRACK
- NOT USED
- PROVIDE POWER FOR SIGNAGE, SEE ELECTRICAL
- WALL TO DECK & STRUCTURE
- WALL TO DECK ABOVE BAR CEILING
- HOUSING FOR COILED DOOR, CONFIRM CLEARANCE WITH EXISTING STRUCTURE
- BOILER VENT, SEE MECHANICAL
- ELECTRICAL HOSE REEL, SEE ELECTRICAL
- INSTALL R-38 RIGID INSULATION PANELS BETWEEN EXISTING STRUCTURE, PAINTED
- 1HR RATED WINDOW FIRE SHUTTER
- EXHAUST DUCT, SEE MECHANICAL

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100

www.designopa.com

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

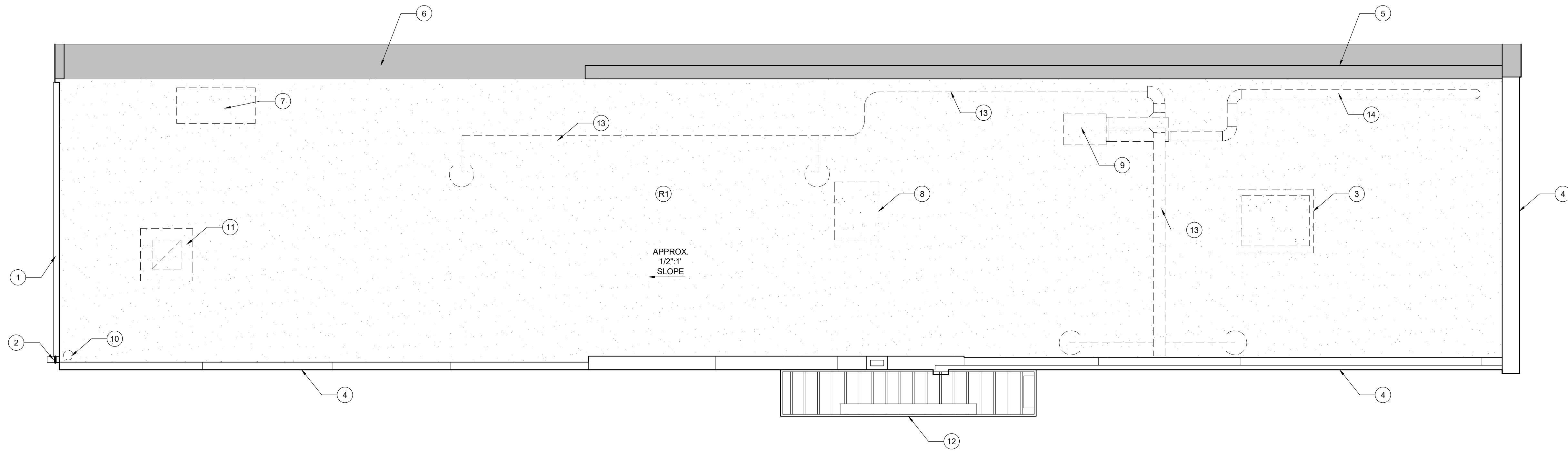
NOT FOR
 CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved.
 These designs / drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

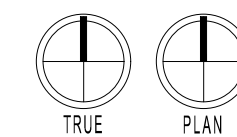
JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A105
 REFLECTED CEILING PLAN

File Name: 201946_A106_Roof.dwg
 File Path: C:\Users\todd\SyncologyDrive\OPA ARCHITECTURE\2019\201946_DryLandDistillers01_CAD
 Plotted: October 01, 2020 - 7:00pm



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



ROOF ASSEMBLIES	
(R1)	EXISTING ROOF, PATCH & REPAIR AS NECC.
HATCH LEGEND	
	ROOF OF ADJACENT TENANT
	ROOF ASSEMBLY R1
ROOF PLAN GENERAL NOTES	
1. MANUFACTURER'S REP TO INSPECT ALL ROOFING APPLICATIONS TO ENSURE ADHERENCE TO MFG. GUIDELINES AND CERTIFY TO THE GENERAL CONTRACTOR THAT ROOF IS INSTALLED PER MFG. GUIDELINES. 2. ROOF PENETRATIONS SHOWN ARE SCHEMATIC IN NATURE AND FOR THE CONVENIENCE OF THE CONTRACTOR. GENERAL CONTRACTOR RESPONSIBLE FOR MAKING FINAL COORDINATION OF SIZE, TYPE AND LOCATION OF CURBS (WHERE APPLICABLE) AND ANY OTHER ROOF PENETRATIONS THAT MAY BE REQUIRED AT NO ADDITIONAL COST TO THE OWNER. 3. SEE MEP DRAWINGS FOR ROOF MOUNTED EQUIPMENT (WHERE APPLICABLE) AND PENETRATIONS, MAINTAIN ENGINEER'S MINIMUM REQUIREMENTS FROM VENTS TO AIR INTAKES.	
FLOOR PLAN KEY NOTES	
① EXIST. GUTTER ② EXIST. DOWNSPOUT ③ EXIST. EQUIPMENT TO REMAIN, REF. MEP ④ EXIST. PARAPET ⑤ T.O. EXIST. DEMISING WALL ⑥ ROOF OF ADJACENT TENANT ⑦ CHILLER FAN, REF. EQUIPMENT SCHEDULE & REF. MEP ⑧ DEMO EQUIPMENT, REF. MEP ⑨ HVAC EQUIPMENT, REF. MEP ⑩ VENT, REF. MEP ⑪ INTAKE HOOD, REF. MEP ⑫ STEEL CANOPY, PT.D. SEE STRUCTURAL ⑬ SUPPLY DUCT, REF. MEP ⑭ EXHAUST DUCT, REF. MEP	

REVISIONS	NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

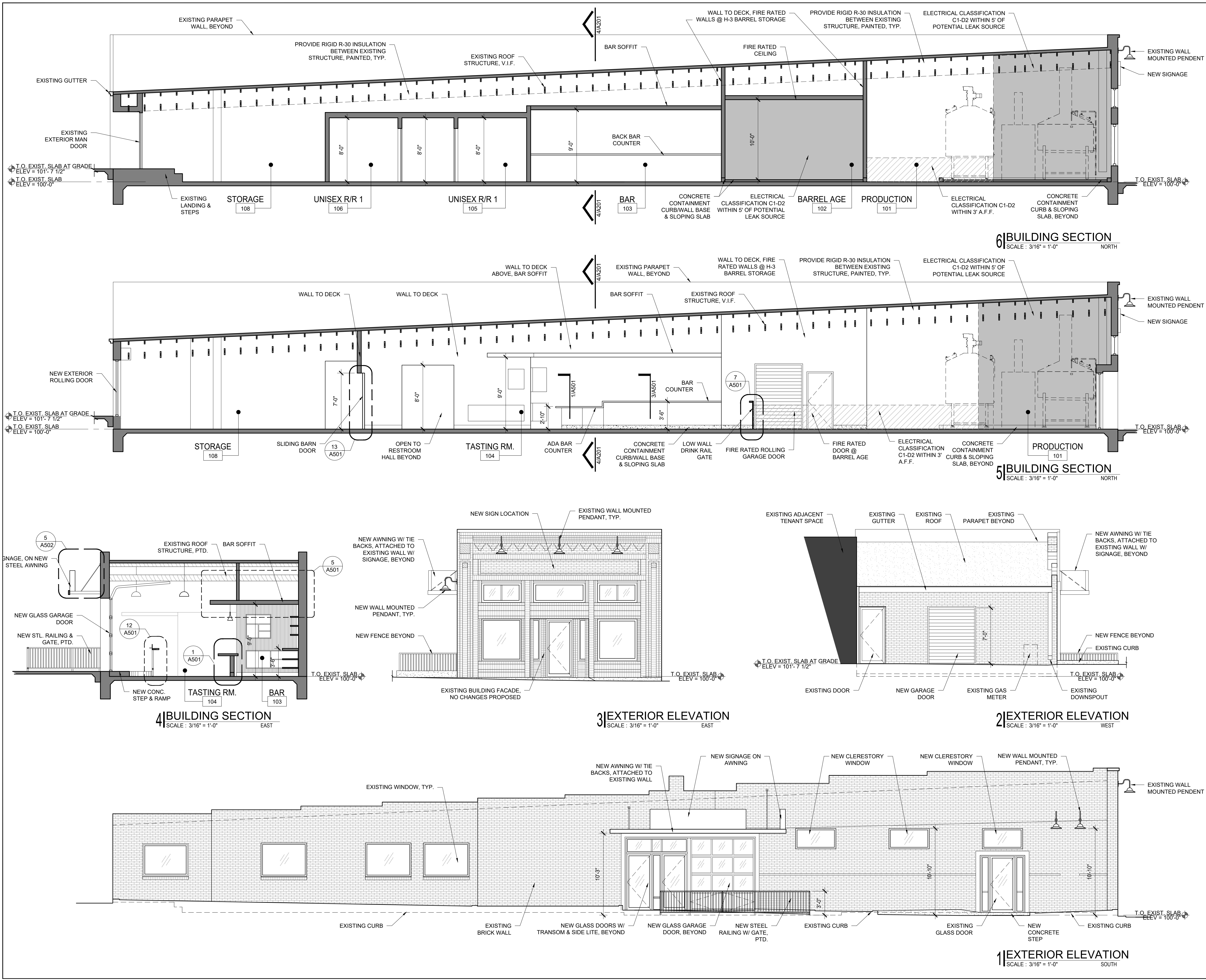
DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

NOT FOR
 CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved. These designs/drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.	
JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A106
 ROOF PLAN

File Name: 201946_A201.dwg
 File Path: C:\Users\duke\OneDrive\OPA ARCHITECTURE\2019\201946_DryLandDistillers01_CAD
 Plotted: October 01, 2020 - 7:04pm



- GENERAL NOTES**
- ALL EXTERIOR LOUVER AND VENTING LOCATIONS TO BE COORDINATED BY CONTRACTOR AND MEP ENGINEER. DISTILLERY EQUIPMENT SUCH AS BOILER AND KETTLE HAVE SPECIFIC AND STATE REQUIRED VENTING AND AIRFLOW REQUIREMENTS.
 - ALL EXTERIOR LIGHTING TO BE COORDINATED W/ ELECTRICIAN, GENERAL CONTRACTOR, AND OWNER. ALL FIXTURES MUST MAINTAIN 84" CLEARANCE HEAD HEIGHT PER ADA REQUIREMENTS. LOCATIONS SHOWN ARE FOR REFERENCE PURPOSES ONLY.

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

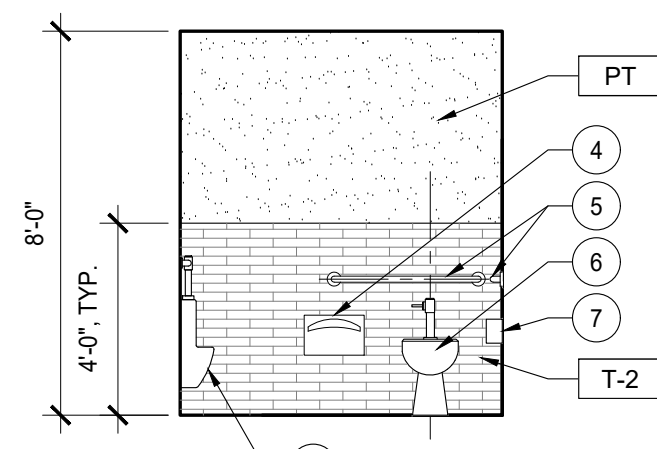
DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

NOT FOR CONSTRUCTION

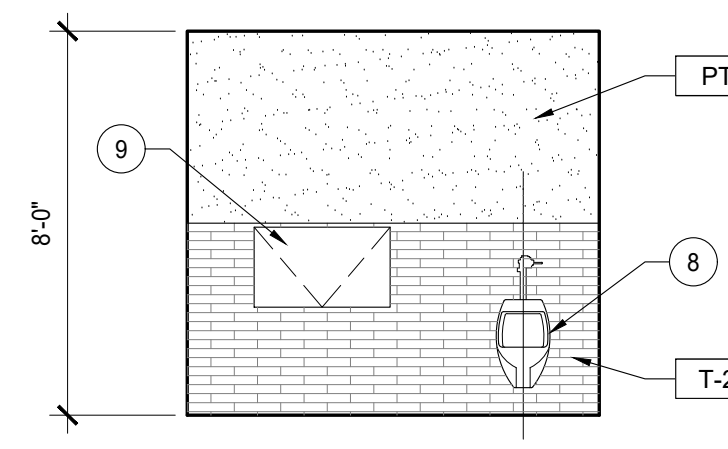
2020 OPA Design Studio. All Rights Reserved. These designs/drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

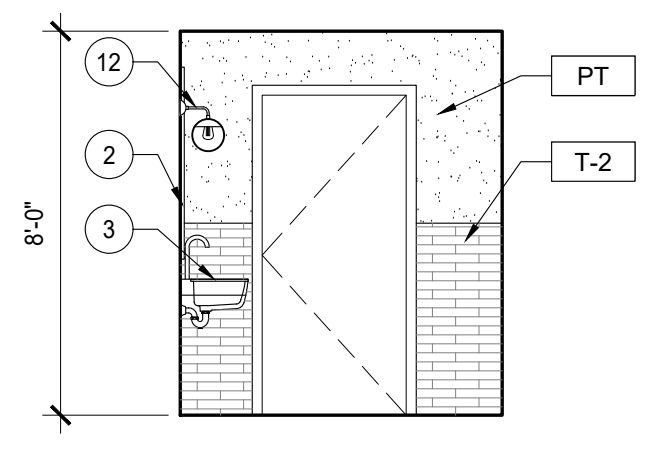
A201
 EXT. ELEV & SECTIONS



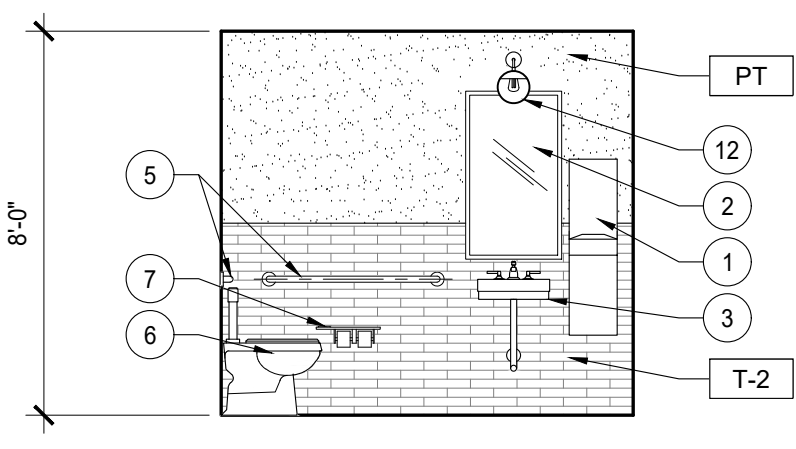
12 UNISEX RESTROOM 106 WEST
SCALE: 1/4" = 1'-0"



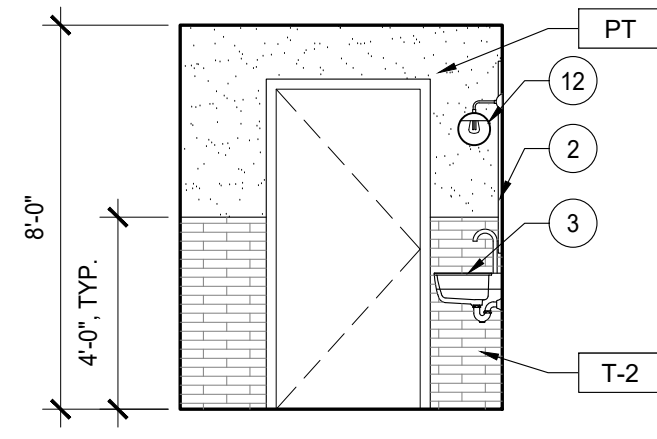
11 UNISEX RESTROOM 106 SOUTH
SCALE: 1/4" = 1'-0"



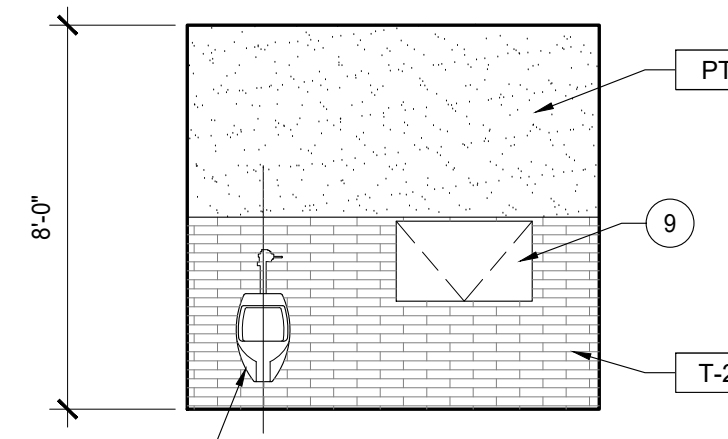
10 UNISEX RESTROOM 106 EAST
SCALE: 1/4" = 1'-0"



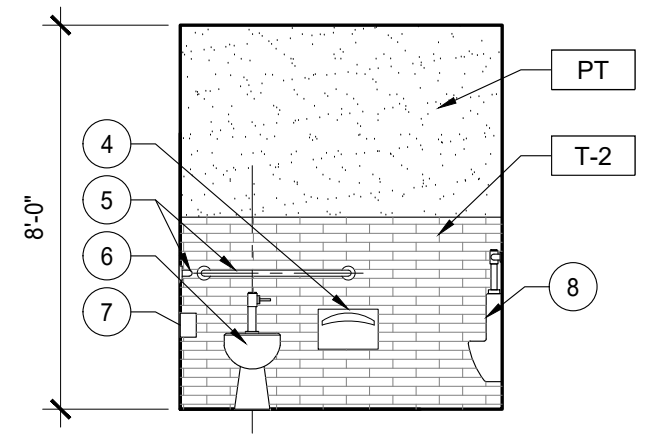
9 UNISEX RESTROOM 106 NORTH
SCALE: 1/4" = 1'-0"



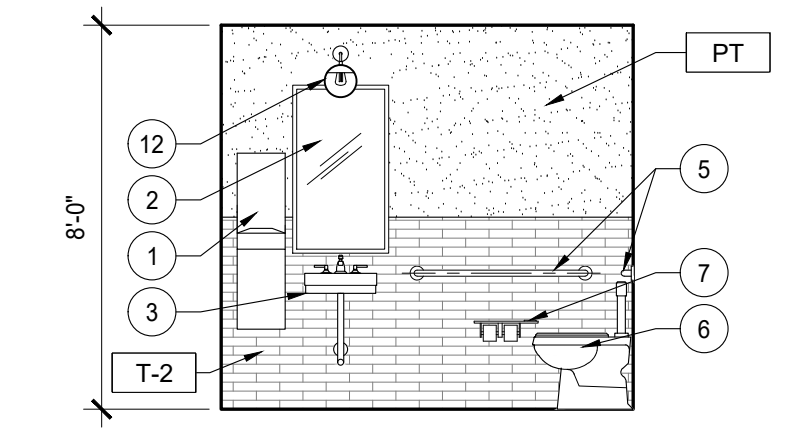
8 UNISEX RESTROOM 105 WEST
SCALE: 1/4" = 1'-0"



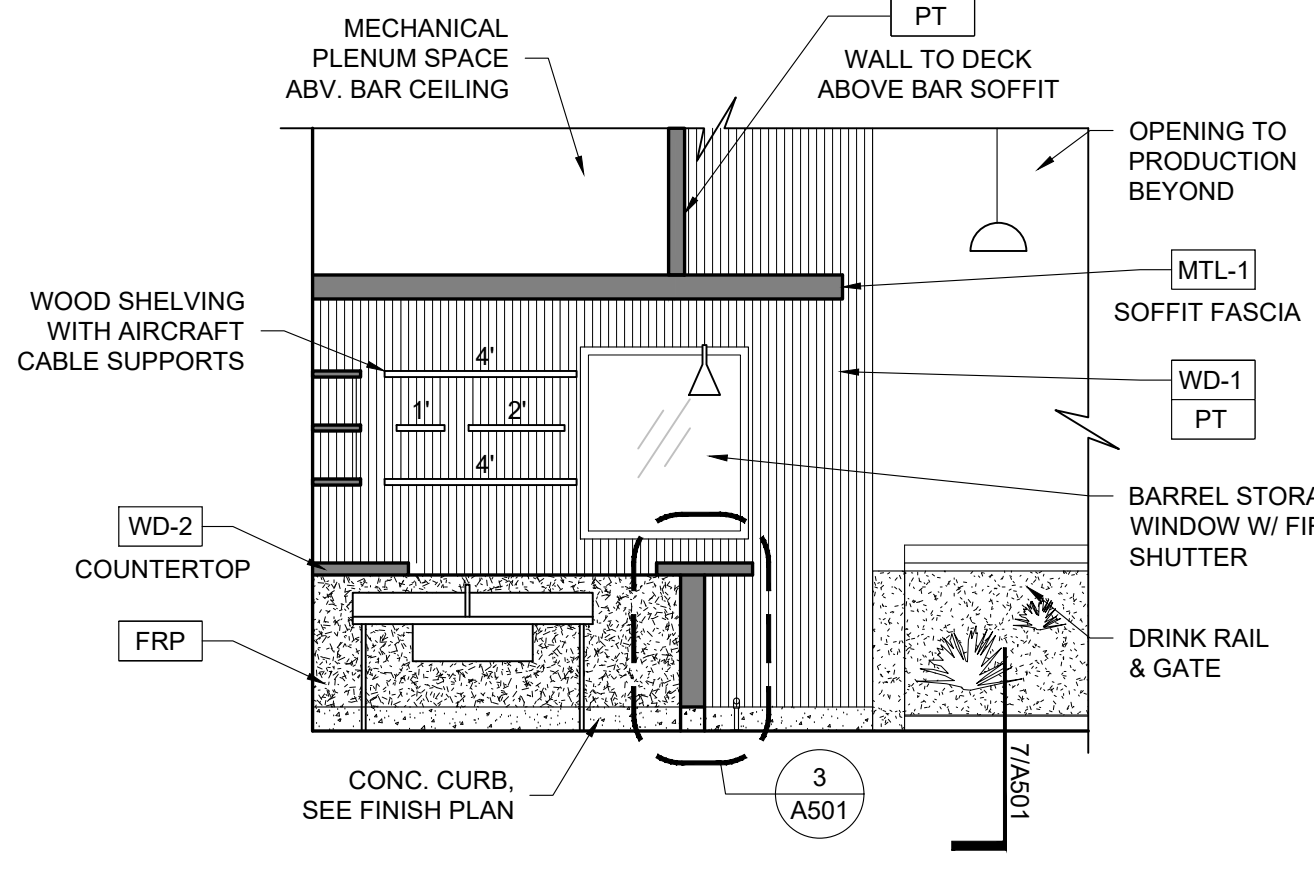
7 UNISEX RESTROOM 105 SOUTH
SCALE: 1/4" = 1'-0"



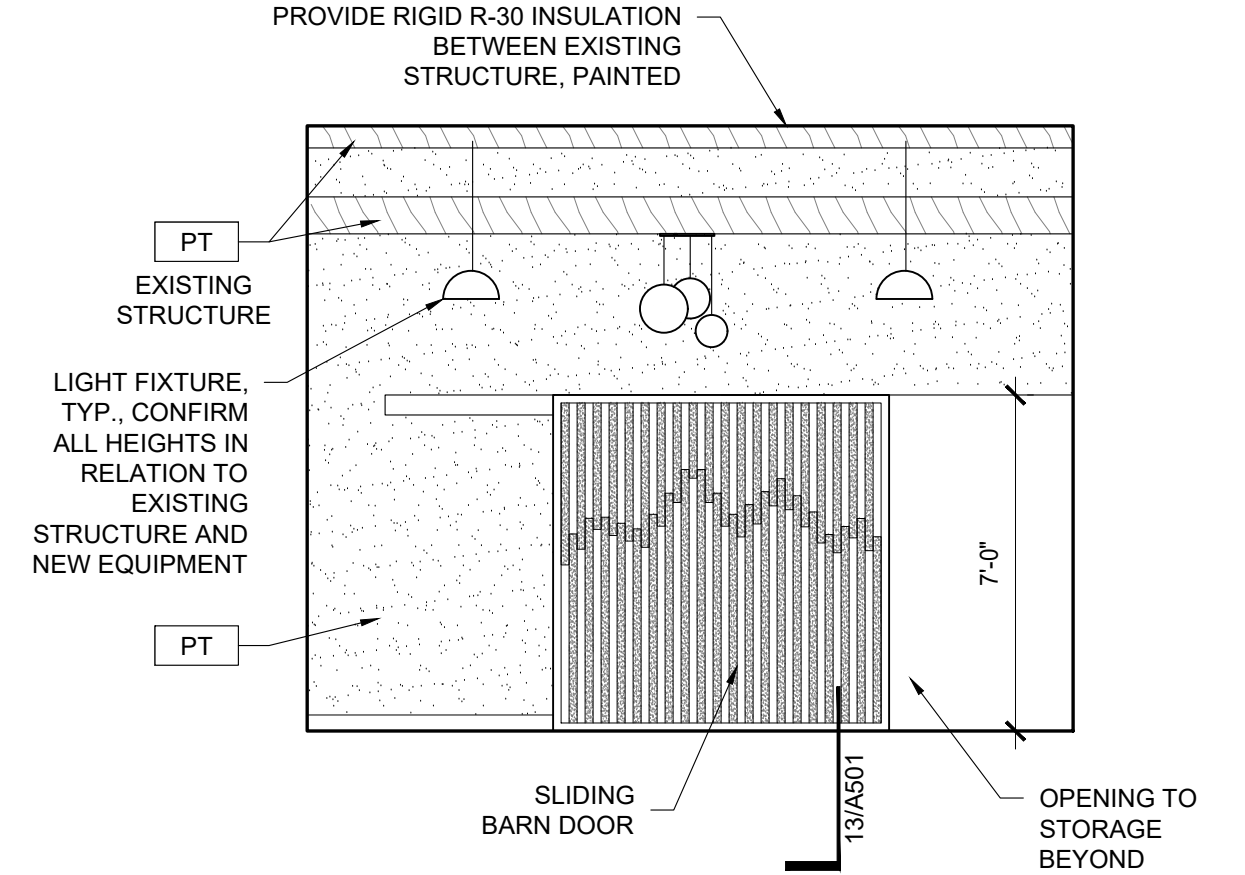
6 UNISEX RESTROOM 105 EAST
SCALE: 1/4" = 1'-0"



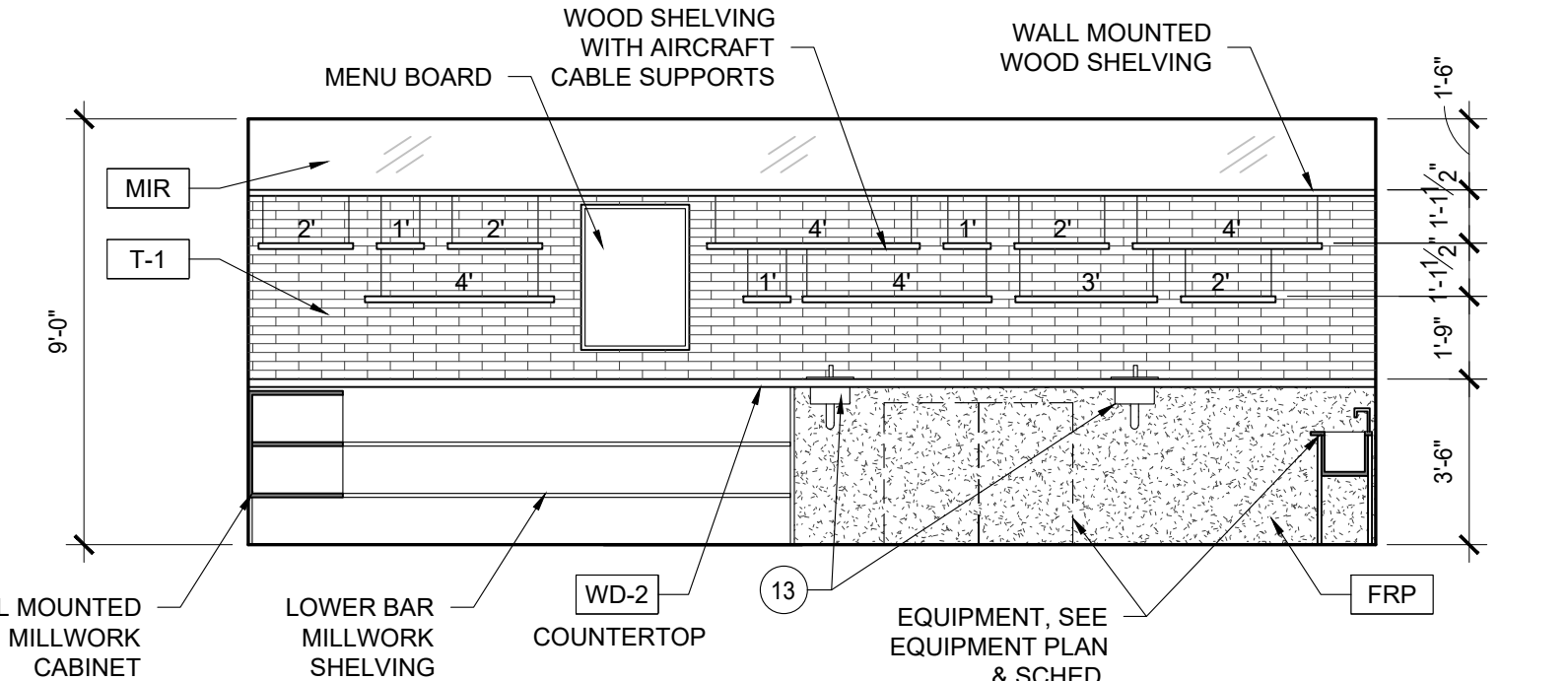
5 UNISEX RESTROOM 105 NORTH
SCALE: 1/4" = 1'-0"



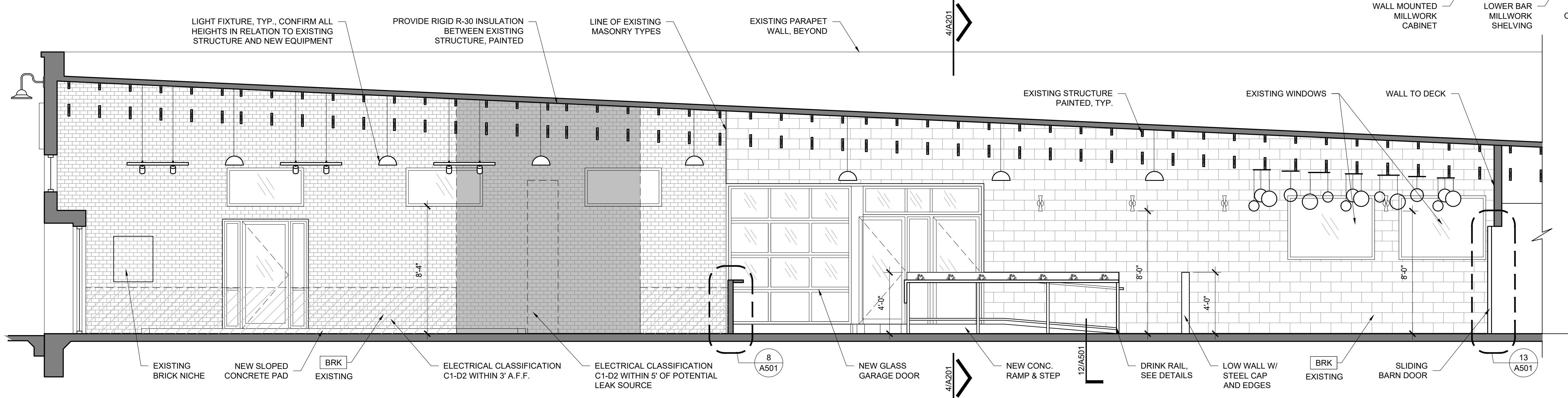
13 BAR & BARREL ROOM INT. ELEV.
SCALE: 1/4" = 1'-0"



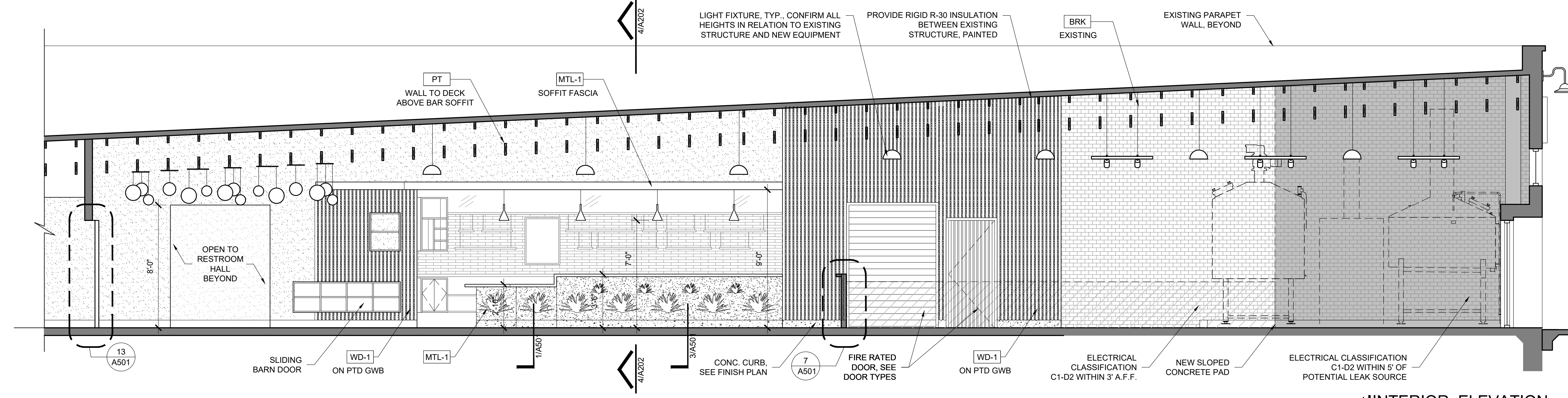
4 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 BACK BAR INT. ELEV.
SCALE: 1/4" = 1'-0"



2 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



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

HATCH LEGEND	
PT-1	FINISH TAG, SEE WALL FINISH PLAN

ACCESSIBILITY TOLERANCES:	
1.	TOILET HEIGHT 17" - 19"
2.	LOCATE TOILET PAPER DISPENSER BETWEEN 15" - 48" A.F.F. AND BETWEEN 7'-9" IN FRONT OF TOILET.
3.	ALLOW MIN. 1 1/2" MIN. CLEARANCE BETWEEN GRAB BAR AND OTHER TOILET ACCESSORIES.
4.	LOCATE OTHER TOILET ACCESSORIES SUCH THAT OPERABLE PORTIONS ARE BETWEEN 15" AND 48" A.F.F.
5.	WRAP EXPOSED WASTE PIPE AT LAVATORIES.
6.	AT MIRRORS, BOTTOM OF REFLECTIVE SURFACE MUST BE NO MORE THAN 44" FROM THE FINISHED FLOOR.

SHEET NOTES	
1.	FOOD SERVICE EQUIPMENT TO BE PROVIDED AND INSTALLED BY OWNER U.N.O.
2.	COORDINATE WITH OWNER FOR EXACT LOCATIONS OF WATER CONNECTIONS REQUIRED BY EQUIPMENT AND APPLIANCES.
3.	PROVIDE FLOOR SINK AT ICE MACHINE AS REQUIRED - VERIFY WITH OWNER.
4.	PROVIDE WATER RESISTANT GYP. BOARD WITHIN 4' OF PLUMBING FIXTURE U.N.O.
5.	SEE REFLECTED CEILING PLAN FOR POWER, DATA AND LIGHTING LOCATIONS.
7.	ALL WALL & CEILING SURFACES AT BAR AND RESTROOMS TO BE CLEANABLE/WASHABLE SURFACES PER COUNTY HEALTH DEPARTMENT REQUIREMENTS.
8.	SEE A602 FOR EQUIPMENT SCHEDULE.
9.	CONFIRM BAR COUNTER HEIGHT DOES NOT CONFLICT W/ BAR EQUIPMENT BELOW

INTERIOR ELEVATION KEYNOTES	
1	PAPER TOWEL DISPENSER & TRASH COMBO, POLISHED SS
2	WALL MOUNTED MIRROR, 24" X 42", POLISHED SS FRAME
3	WALL MOUNTED LAVATORY, HEIGHT PER ADA, SEE PLUMBING FAUCET: POLISHED SS SOAP DISPENSER: POLISHED SS
4	SEAT COVER DISPENSER
5	GRAB BAR (PER ELEVATION)
6	TOILET SEE PLUMBING
7	TOILET PAPER DISPENSER
8	URINAL SEE PLUMBING
9	BABY CHANGING STATION, FLUSH MTD., SS
10	FLOOR DRAIN
11	NOT USED
12	LIGHT FIXTURE, SEE RCP
13	LAY-IN SINK

REVISIONS	NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100
www.designopa.com

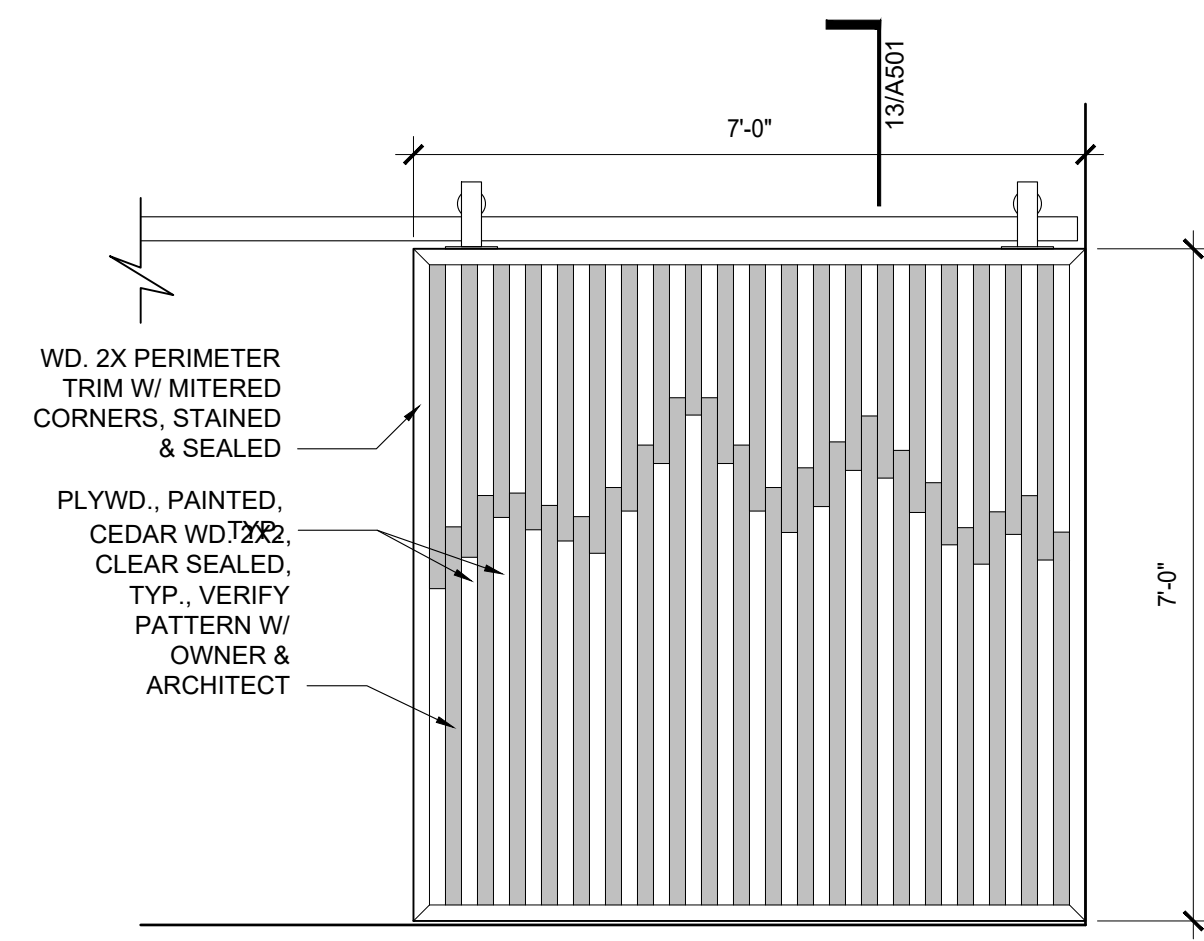
DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501

NOT FOR CONSTRUCTION

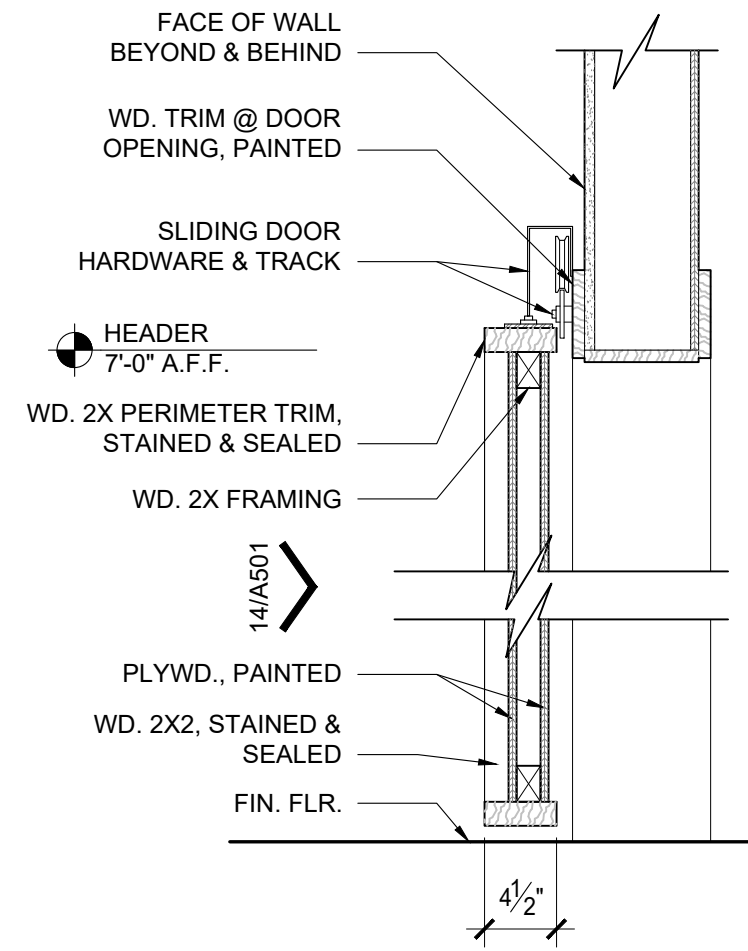
2020 OPA Design Studio. All Rights Reserved. These designs/drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.	
JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/12/2020

A202
INTERIOR ELEVATIONS

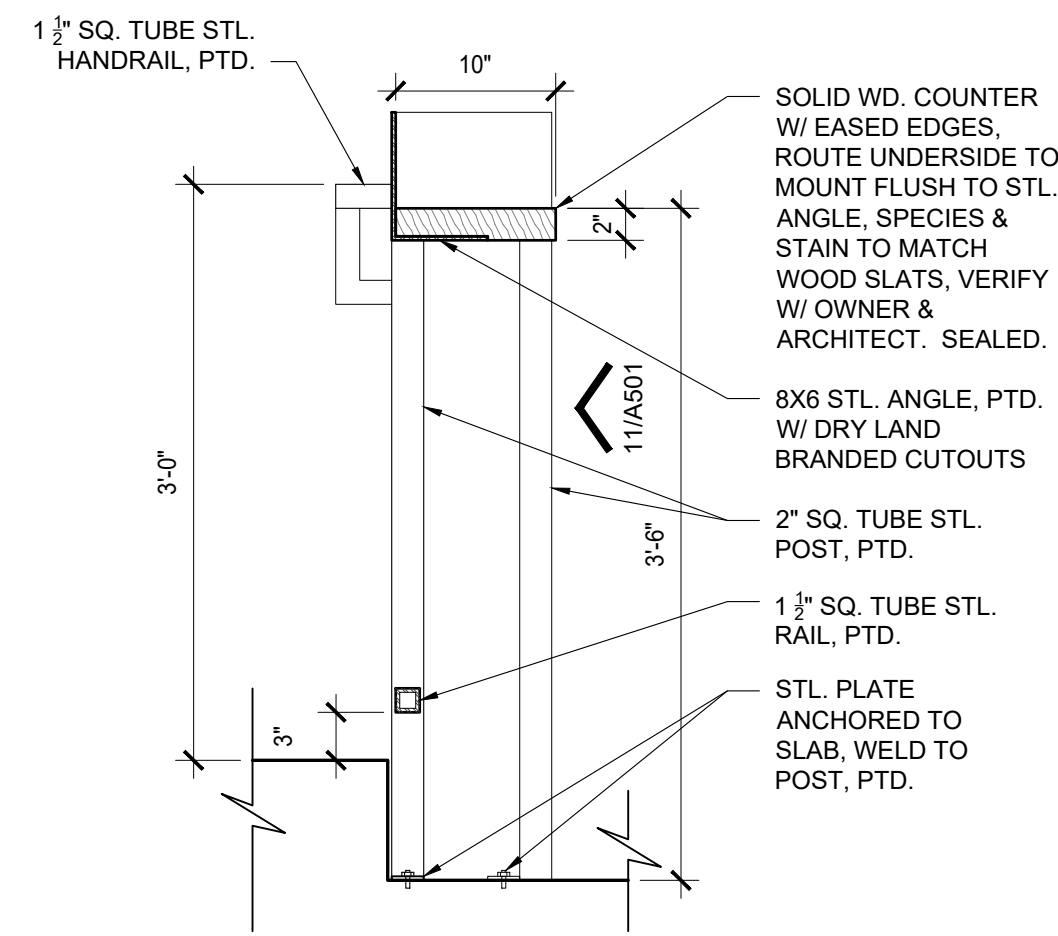
File Name: 201946_A202.dwg
File Path: C:\Users\duke\OneDrive\OPA ARCHITECTURE\2019\201946_DryLandDistillers\01_CAD
Plotted: October 01, 2020 - 7:04pm



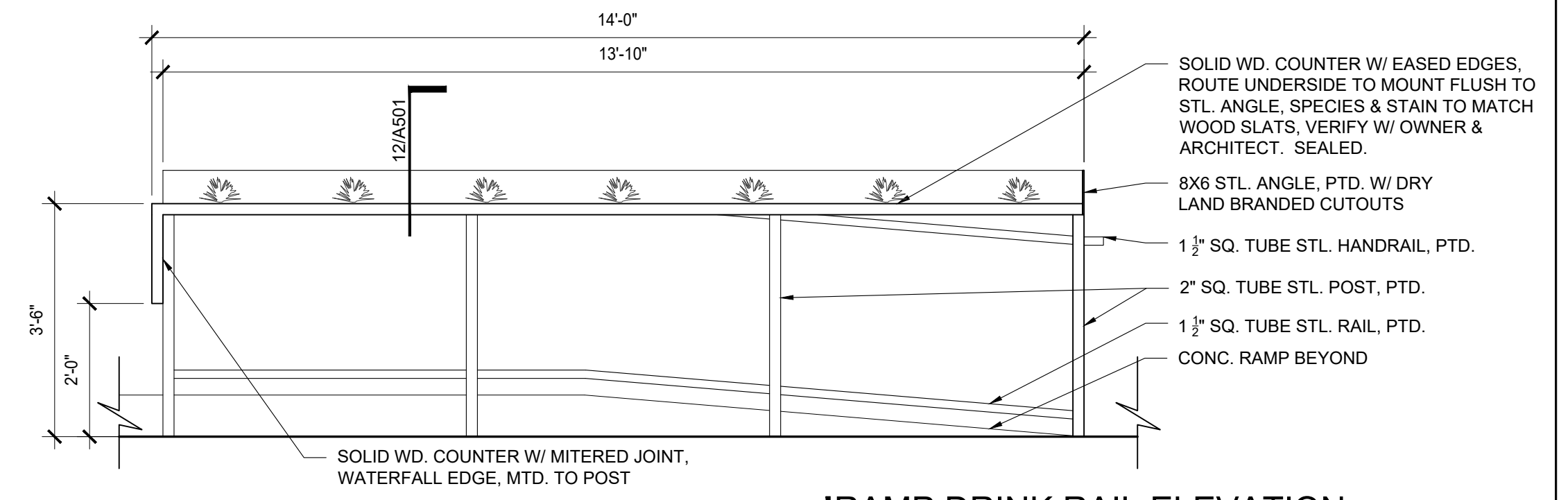
14 SLIDING DOOR ELEVATION
SCALE: 1/2" = 1'-0"



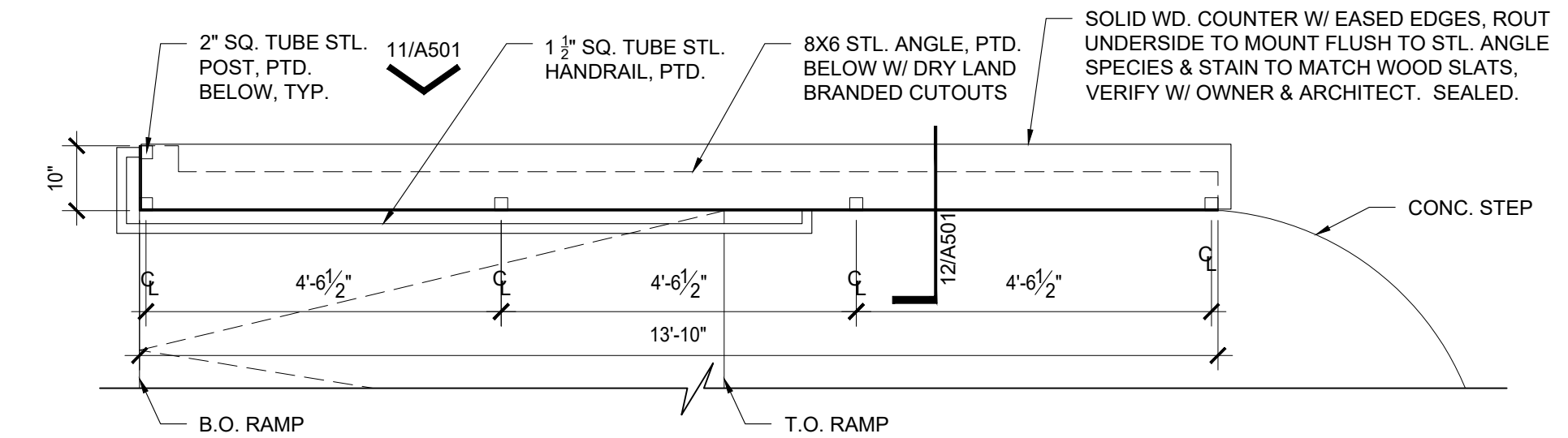
13 SLIDING DOOR DETAIL
SCALE: 1" = 1'-0"



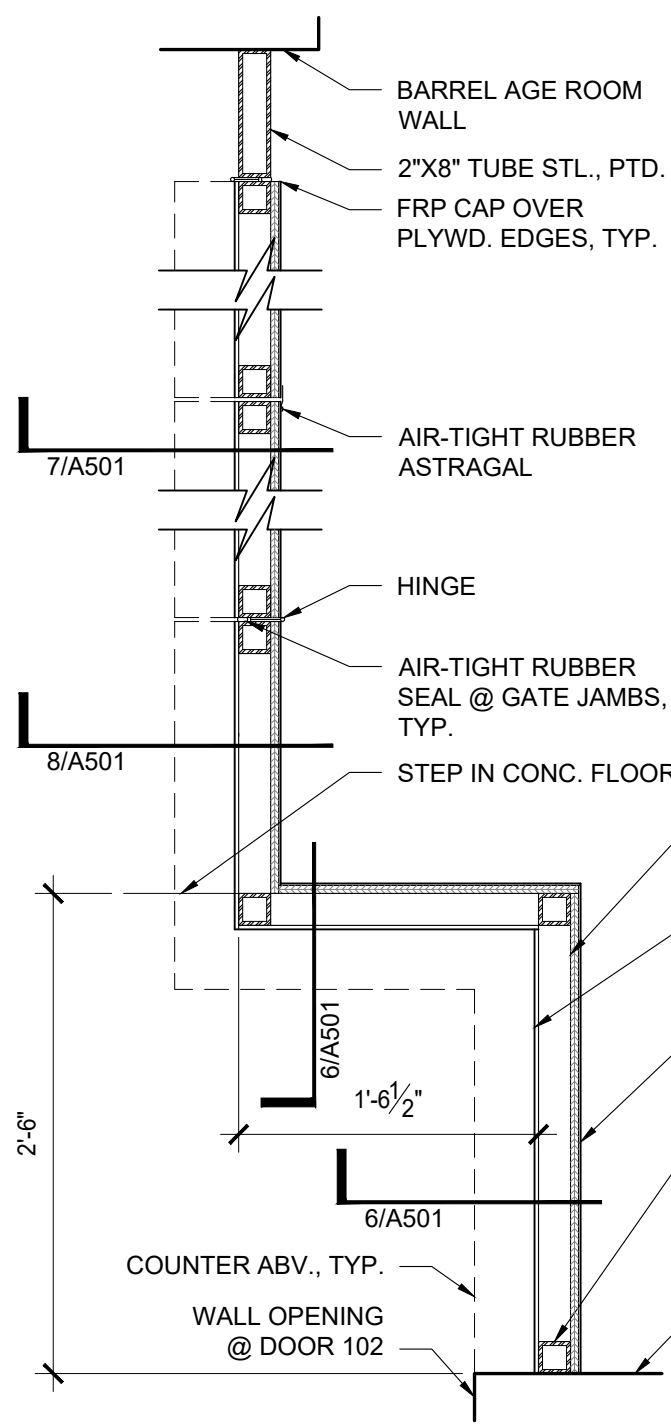
12 RAMP DRINK RAIL SECTION
SCALE: 1" = 1'-0"



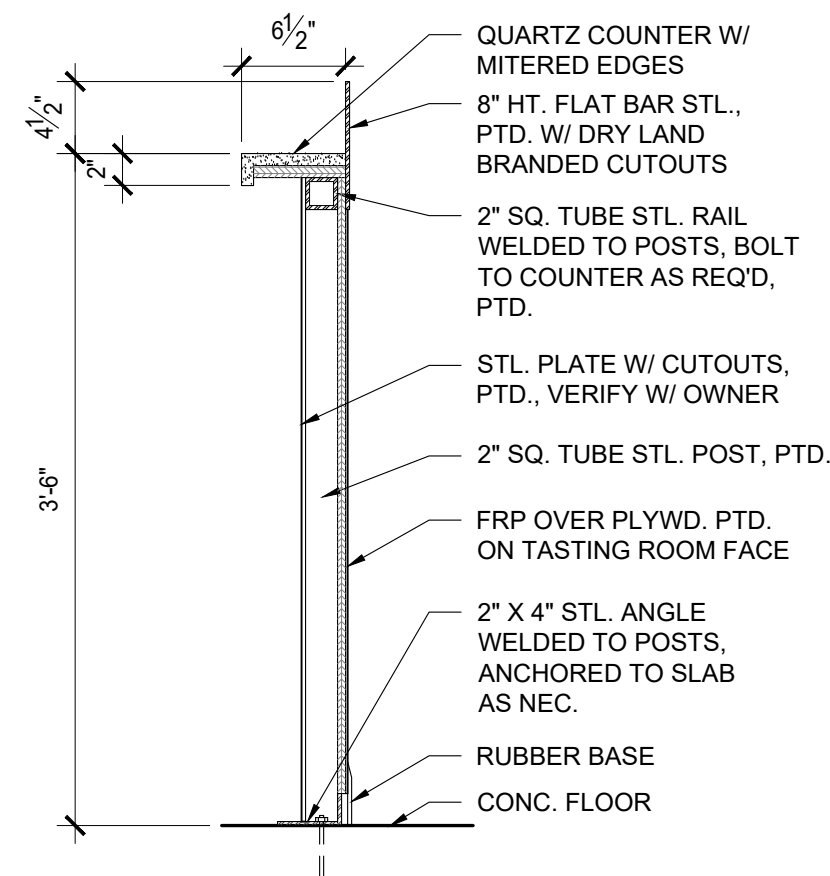
11 RAMP DRINK RAIL ELEVATION
SCALE: 1/2" = 1'-0"



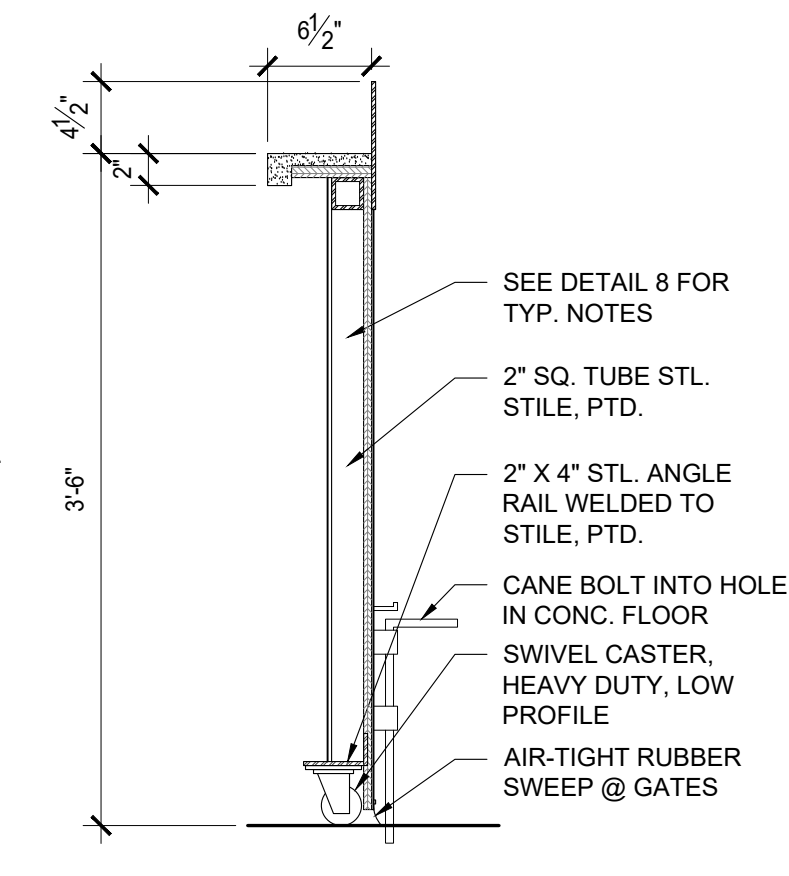
10 RAMP DRINK RAIL PLAN
SCALE: 1/2" = 1'-0"



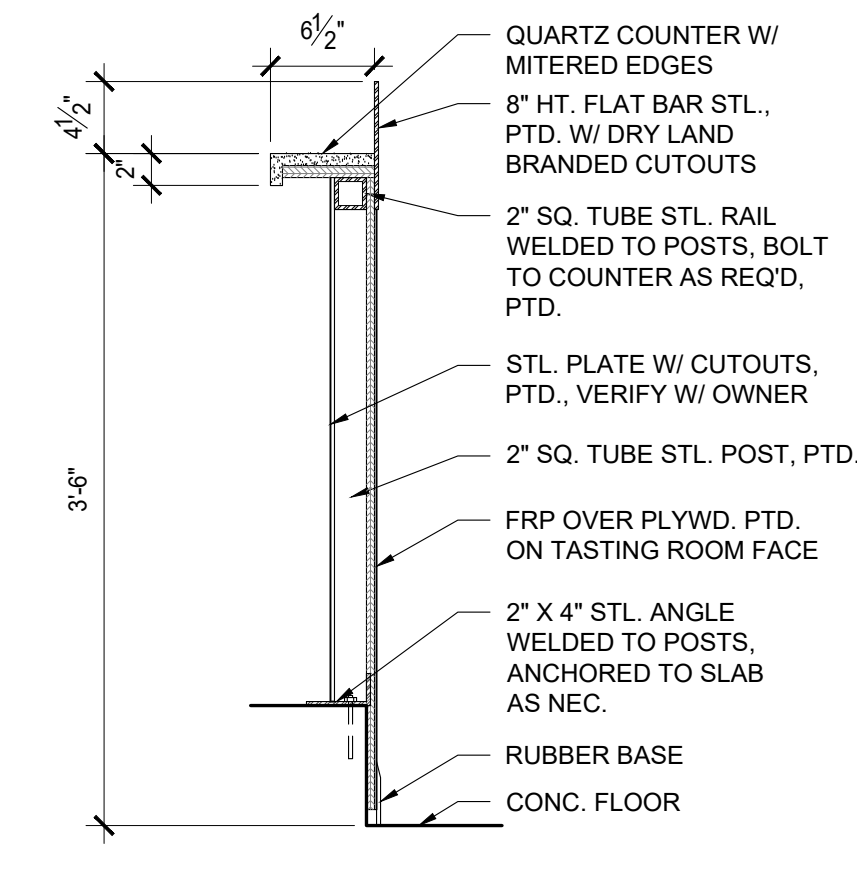
9 DRINK RAIL PLAN
SCALE: 1" = 1'-0"



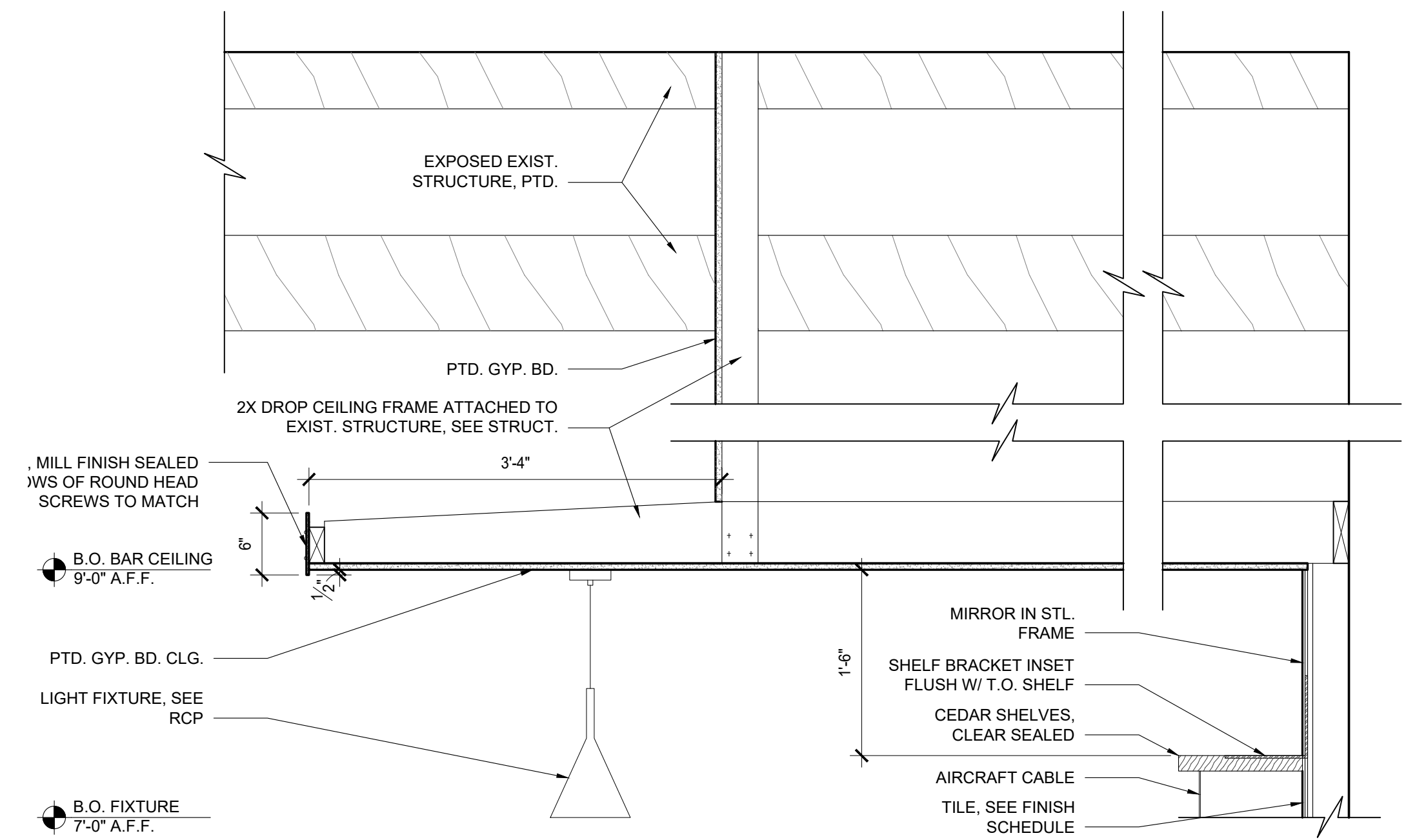
8 DRINK RAIL SECTION
SCALE: 1" = 1'-0"



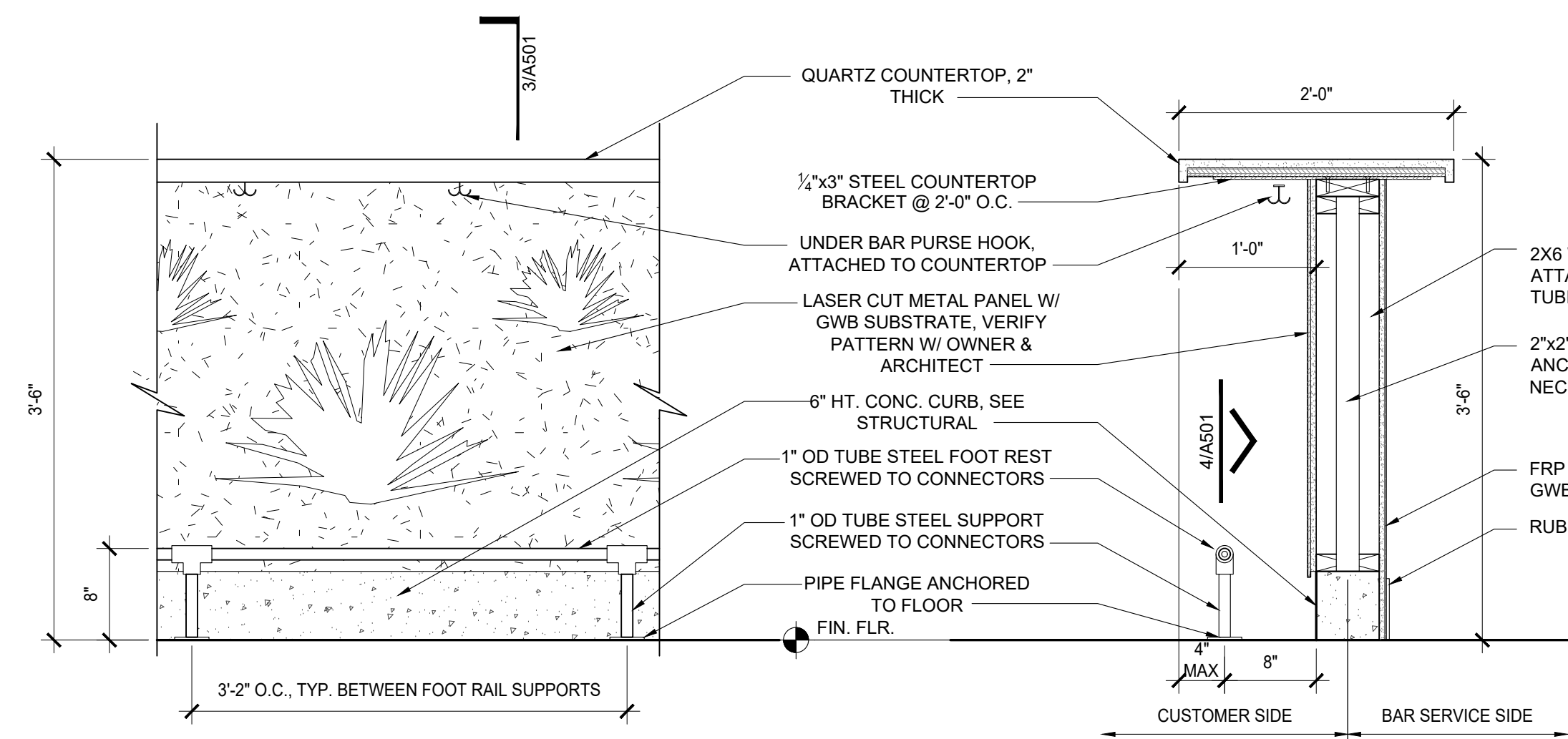
7 DRINK RAIL GATE SECTION
SCALE: 1" = 1'-0"



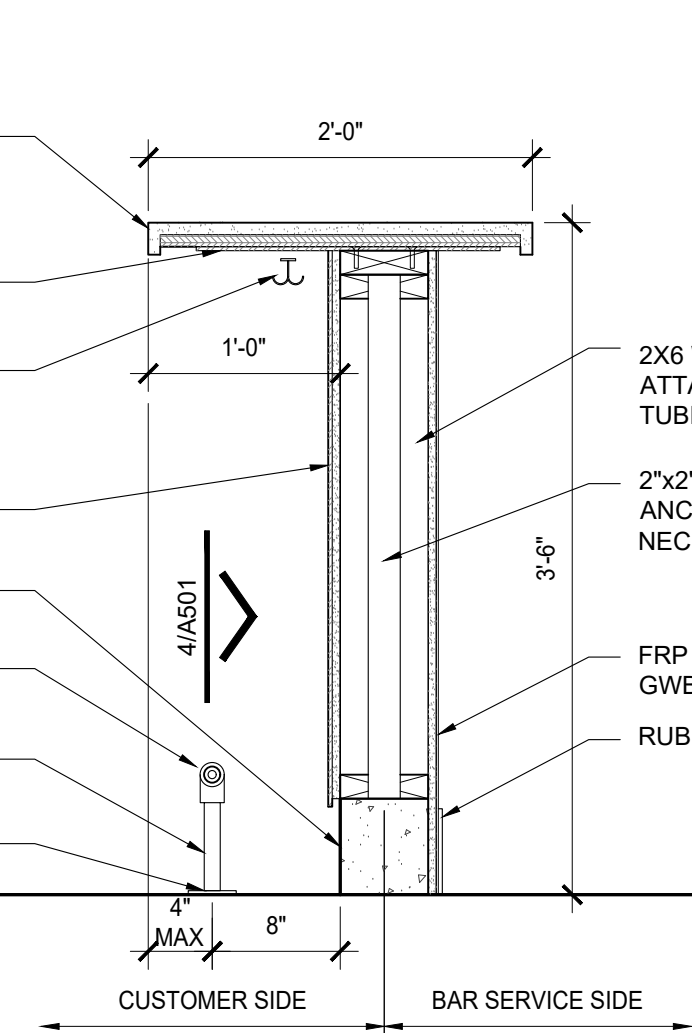
6 DRINK RAIL SECTION AT STEP
SCALE: 1" = 1'-0"



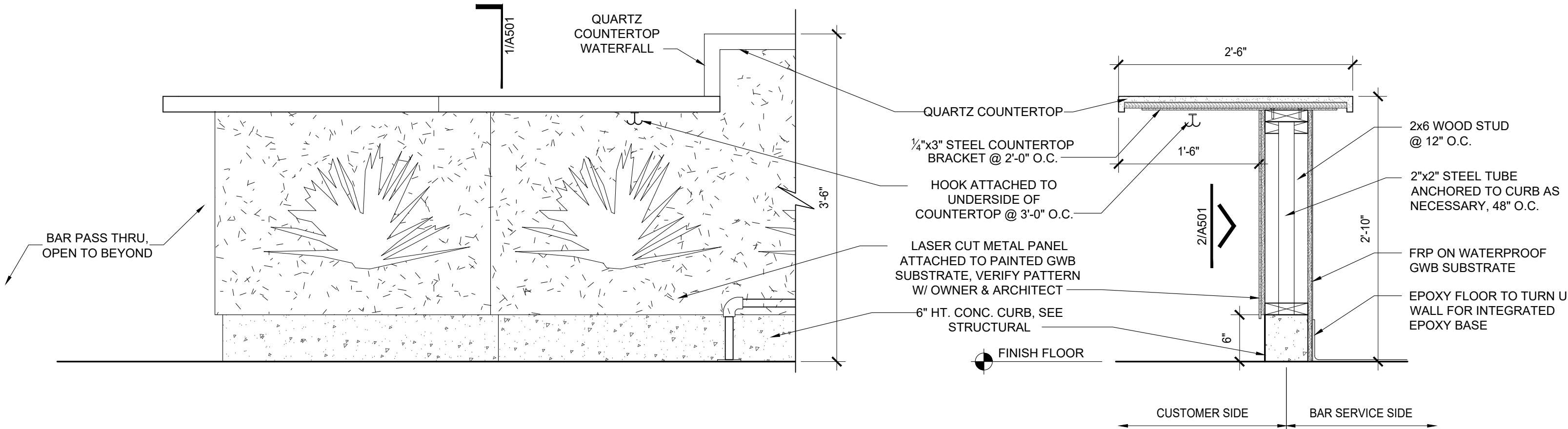
5 BAR SOFFIT & BACK BAR SECTION
SCALE: 1" = 1'-0"



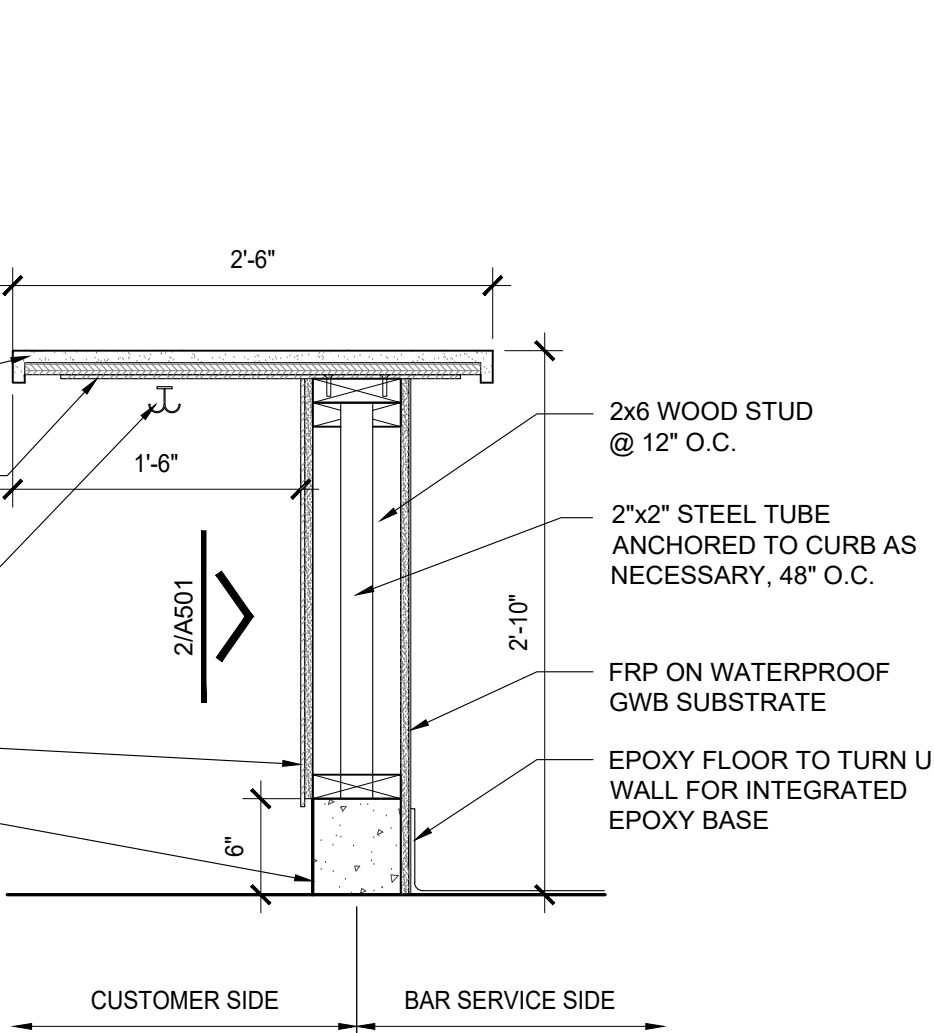
4 BAR ELEVATION
SCALE: 1" = 1'-0"



3 BAR SECTION
SCALE: 1" = 1'-0"



2 ADA BAR ELEVATION
SCALE: 1" = 1'-0"



1 ADA BAR SECTION
SCALE: 1" = 1'-0"

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com

DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501

NOT FOR CONSTRUCTION

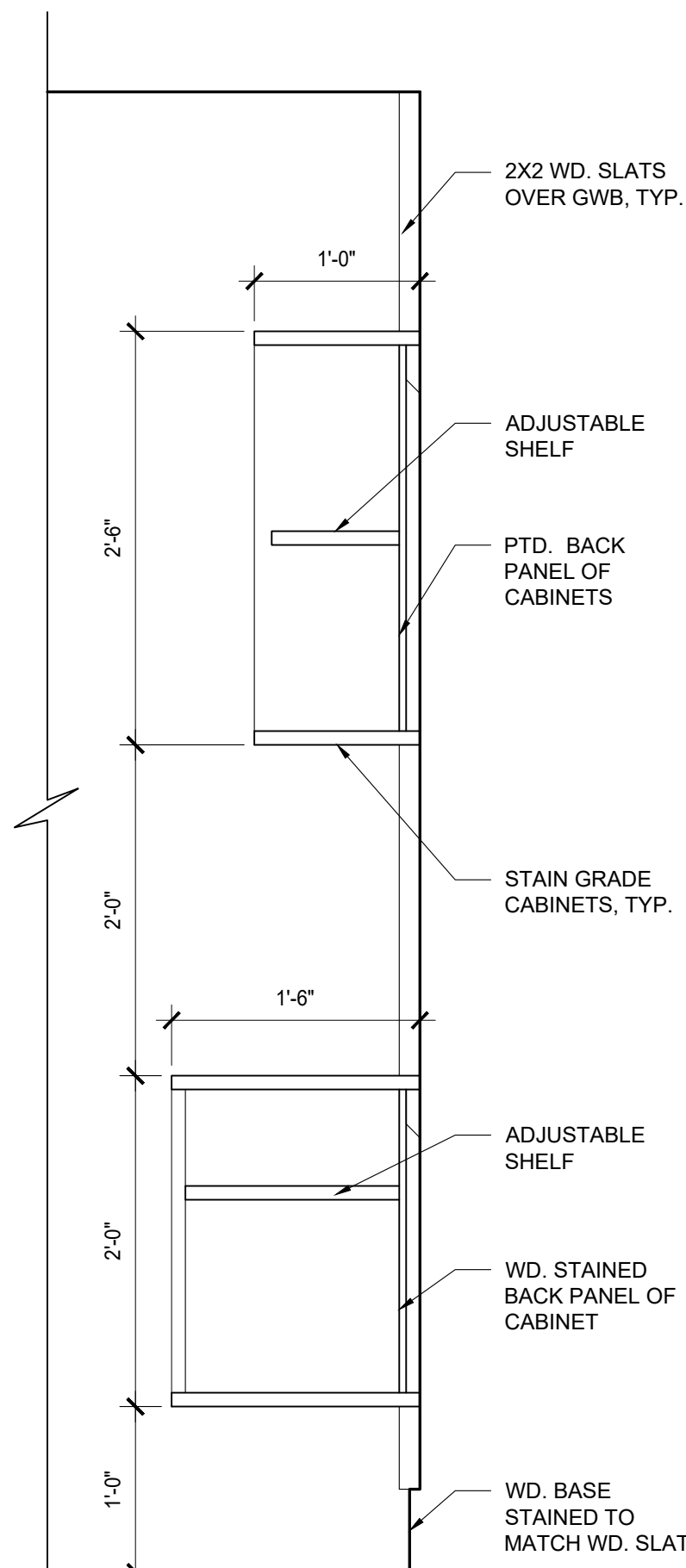
2020 OPA Design Studio. All Rights Reserved.
These designs/drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/12/2020

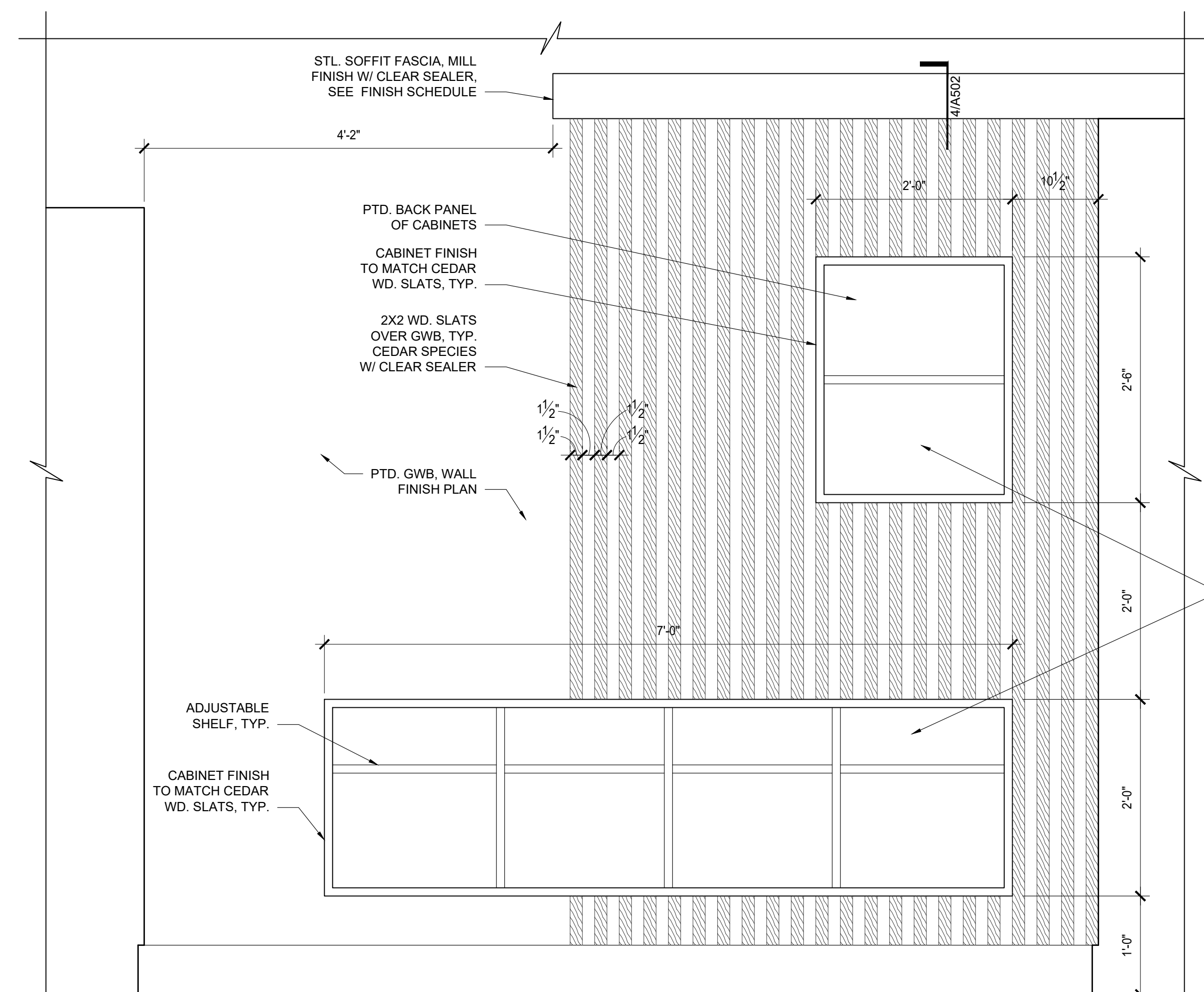
A501
DETAILS

EXIST. BRICK WALL
 STL. PLATE, PTD., MTD.
 THRU WALL, SEE
 STRUCT.
 T.S., PTD. DIAGONAL
 SUPPORT, SEE
 STRUCT.
 SIGNAGE MTD. TO
 AWNING, PROVIDE
 ELEC. POWER, SEE MEP
 C CHANNEL LEDGER,
 PTD., SEE STRUCT.
 T.S., PTD., SEE STRUCT.
 B.O. AWNING
 9'-8 1/2" A.F.F.

5 | AWNING SECTION
 SCALE: 1" = 1'-0"

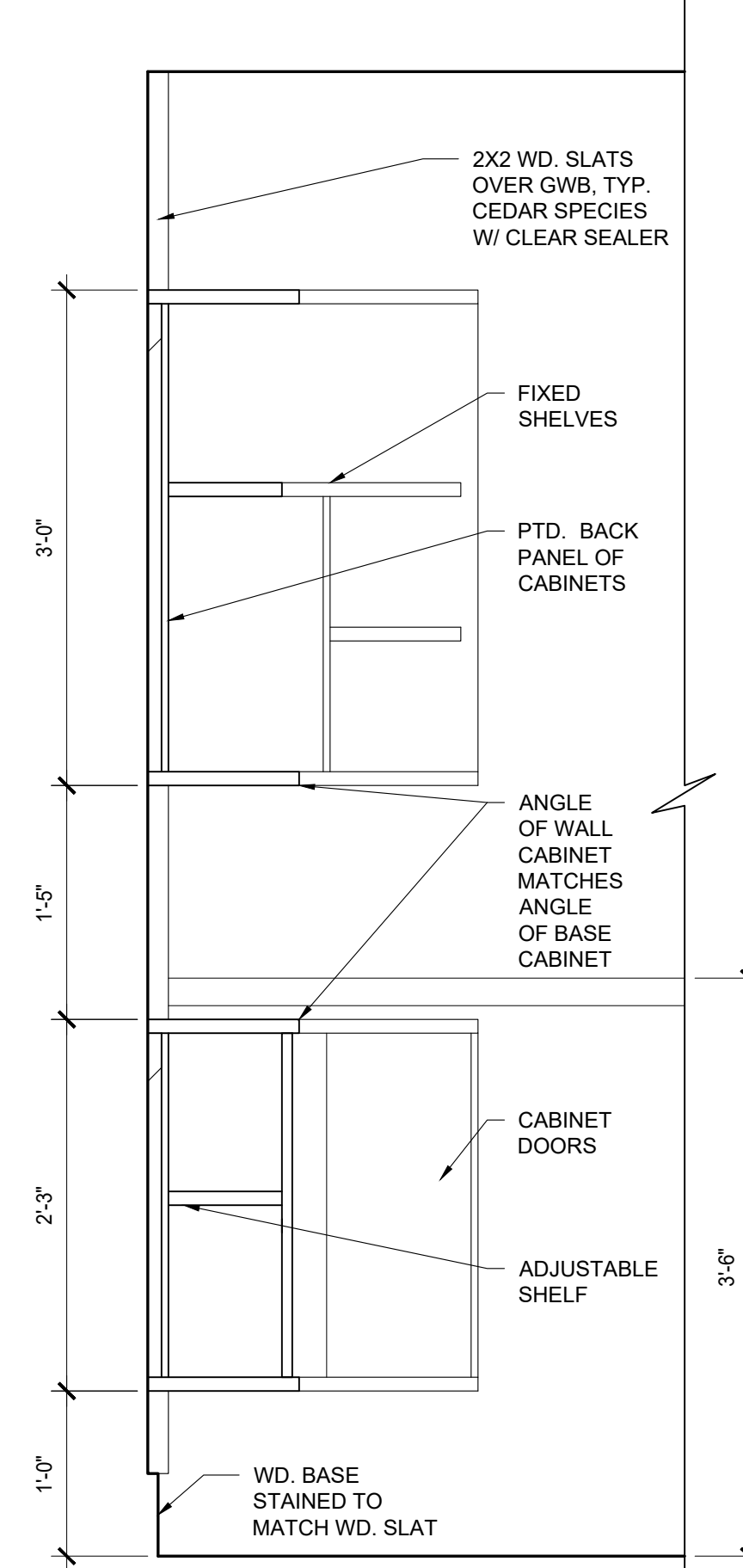


4 | CABINET SECTION
 SCALE: 1" = 1'-0"

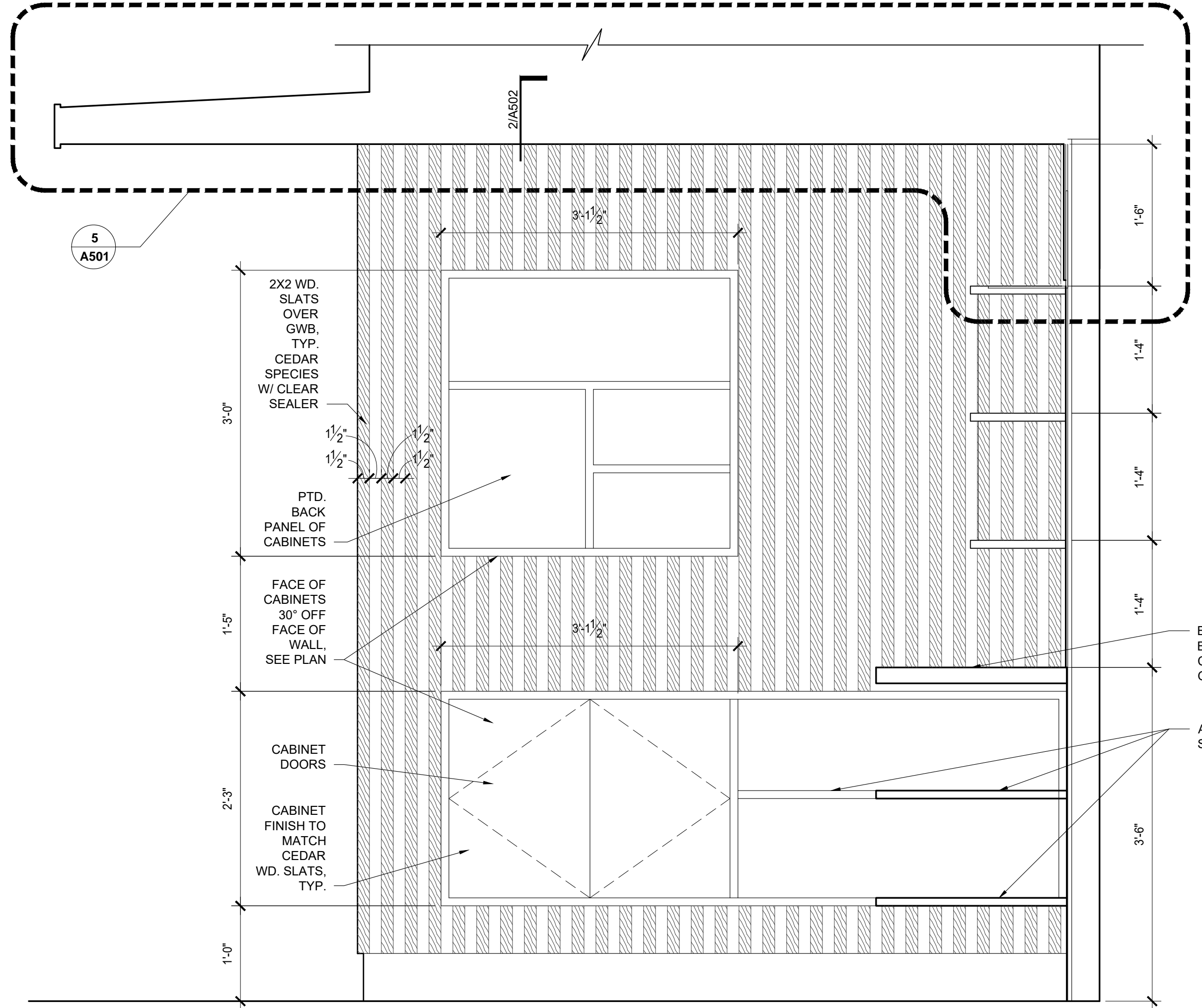


3 | CABINET ELEVATION
 SCALE: 1" = 1'-0"

CONFIRM
 ELEC.
 RECEPTACLE
 LOCATION W/
 OWNER



2 | CABINET SECTION
 SCALE: 1" = 1'-0"



1 | BAR SOFFIT & BACK BAR SECTION & CABINET ELEVATION
 SCALE: 1" = 1'-0"

File Name: 201946_A501.dwg
 File Path: C:\Users\duke\Sync\Technology\Drive\OPA\ARCHITECTURE\2019\201946_DryLandDistillers\01_CAD
 Plotted: October 01, 2020 - 7:05pm

REVISIONS	NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

NOT FOR
 CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved.
 These designs/drawings are the sole property of
 the Architect, OPA Design Studio. They may not
 be reproduced in any form, by any method, for
 any purpose without previous written permission
 from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A502
 DETAILS

HARDWARE SCHEDULE

SPECIFICATIONS

HW-1	EXTERIOR - PUSH/PULL W/ CLOSER					
	3- FULL MORTISE HINGE 1 PUSH BAR 1 PULL HANDLE	1 CYLINDER 1 DEADLOCK 1 CORE	1 AUTO FLUSHBOLT 1 ASTRAGAL 1 SWEEP	1 CLOSER 1 THRESHOLD	1 JAMB WEATHERSTRIP 1 SILENCER 2 WALL STOPS	
HW-2	INTERIOR - PUSH/PULL W/ CLOSER					
	3- FULL MORTISE HINGE 1 PUSH PLATE 1 PULL PLATE	1 CLOSER 1 CYLINDER 1 DEADLOCK	1 SIGN 1 SILENCER 1 WALL STOP			
HW-3	INTERIOR - STORAGE					
	3- FULL MORTISE HINGE 1 CYLINDRICAL STORAGE LOCK 1 CLOSER	1 SILENCER				
HW-4	INTERIOR - PAIR STORAGE					
	6 FULL MORTISE HINGE 1 CYLINDRICAL PASSAGE LEVER	2 WALL STOPS 2 SILENCERS 2 MANUAL FLUSHBOLTS				
HW-5	INTERIOR - SLIDING BARN DOOR					
	1 SLIDING BARN DOOR TRACK 2 BARN DOOR ROLLERS 1 PULL HANDLE	1 RECESSED PULL HANDLE 1 FLR. MTD. GUIDE 3 WALL STOPS				

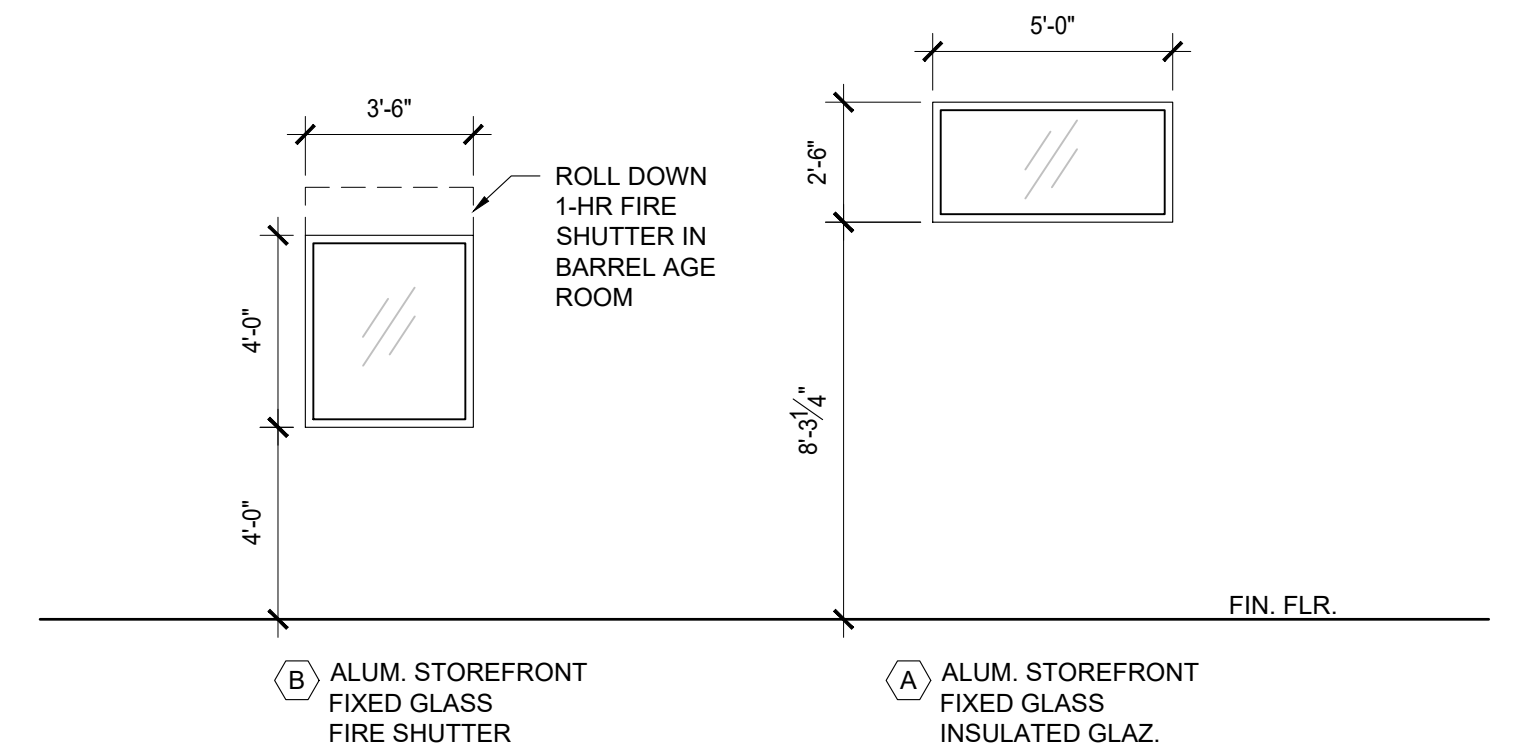
DOOR HARDWARE NOTES:

- CONFIRM ALL EXISTING HARDWARE & LOCKS ARE OPERABLE & FUNCTIONING. CONFIRM W/ OWNER FOR ANY LOCKING CORE/CYLINDER REPLACEMENT. ALL NEW HARDWARE FOR EXISTING DOORS TO MATCH COLOR OF DOOR, VERIFY W/ OWNER & ARCHITECT PRIOR TO PURCHASE.
- HARDWARE @ DOOR 102, 103, 104, 105, 107, 109, 110, 111, & 112 TO HAVE BLACK FINISH, VERIFY W/ OWNER & ARCHITECT PRIOR TO PURCHASE.
- NEW HARDWARE TO BE INSTALLED AS SPECIFIED OR TO MATCH BUILDING STANDARDS. COORDINATE WITH OWNER & ARCHITECT PRIOR TO PURCHASE OF NEW HARDWARE.
- ALL DOOR HANDLES SHALL BE LEVER TYPE, EXCEPT WHERE NOTED OTHERWISE. ALL OPERABLE HARDWARE SHALL BE MOUNTED BETWEEN 34" AND 48" ABOVE FINISHED FLOOR.

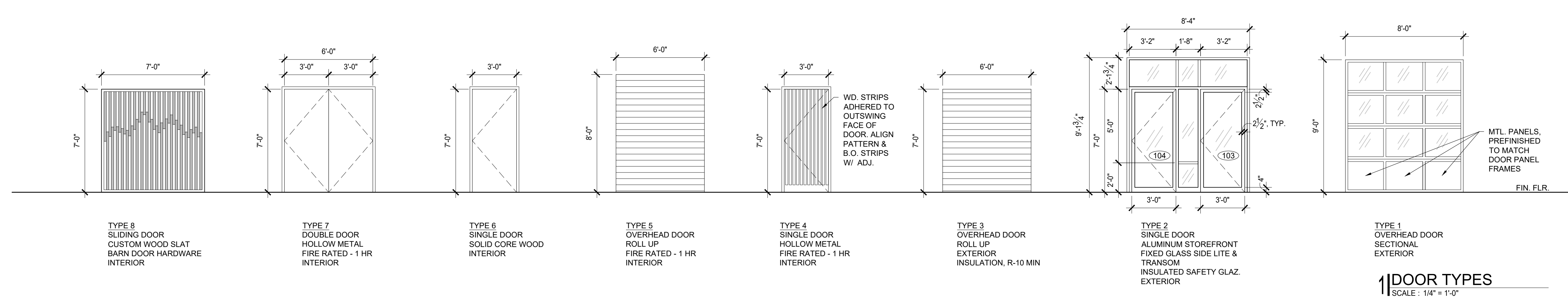
DOOR SCHEDULE

SYMBOL	ROOM NAME	WIDTH	HEIGHT	DOOR TYPE	DOOR TYPE / FINISH	FRAME TYPE / FINISH	DOOR LITE (GLAZING AREA, SQ. IN.)	FIRE RATING (ENTIRE ASSEMBLY)	DOOR HARDWARE *	NOTES
100	PRODUCTION	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	N/A	EXIST	EXTERIOR DOOR
101	PRODUCTION	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	N/A	EXIST	EXTERIOR DOOR
102	TASTING ROOM	8'-0"	9'-0"	1	OVERHEAD GLASS SECTIONAL	PER DOOR MFR.	PER TYPE	N/A	PER DOOR MFR.	EXTERIOR DOOR
103	TASTING ROOM	3'-0"	7'-0"	2	ALUM STOREFRONT	ALUM STOREFRONT	PER TYPE	N/A	HW-1	EXTERIOR DOOR
104	TASTING ROOM	3'-0"	7'-0"	2	ALUM STOREFRONT	ALUM STOREFRONT	PER TYPE	N/A	HW-1	EXTERIOR DOOR
105	STORAGE	6'-0"	7'-0"	3	OVERHEAD ROLLING	PER DOOR MFR.	NONE	N/A	PER DOOR MFR.	EXTERIOR DOOR
106	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	N/A	EXIST	EXTERIOR DOOR
107	BARREL AGE	3'-0"	7'-0"	4	HM / PAINTED	HM / PAINTED	NONE	1 HR	HW-3	INTERIOR DOOR
108	BARREL AGE	6'-0"	8'-0"	5	OVERHEAD ROLLING	PER DOOR MFR.	NONE	1 HR	PER DOOR MFR.	INTERIOR DOOR
109	UNISEX RESTROOM	3'-0"	6'-8"	6	SCW / WOOD VENEER	HM / PAINTED	NONE	N/A	HW-2	INTERIOR DOOR
110	UNISEX RESTROOM	3'-0"	6'-8"	6	SCW / WOOD VENEER	HM / PAINTED	NONE	N/A	HW-2	INTERIOR DOOR
111	STORAGE	5'-0"	7'-0"	8	CUSTOM WOOD	CUSTOM WOOD	NONE	N/A	HW-5	INTERIOR DOOR
112	BOILER	6'-0"	7'-0"	7	HM / PAINTED	HM / PAINTED	NONE	1 HR	HW-4	INTERIOR DOOR

* HARDWARE NOTES:
1. CONTRACTOR SHALL PROVIDE FULL HARDWARE SETS BASED ON LOCK FUNCTION DESCRIBED IN THIS SCHEDULE.



2 WINDOW TYPES
SCALE: 1/4" = 1'-0"



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



7010 Easy Wind Dr, Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com

DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501

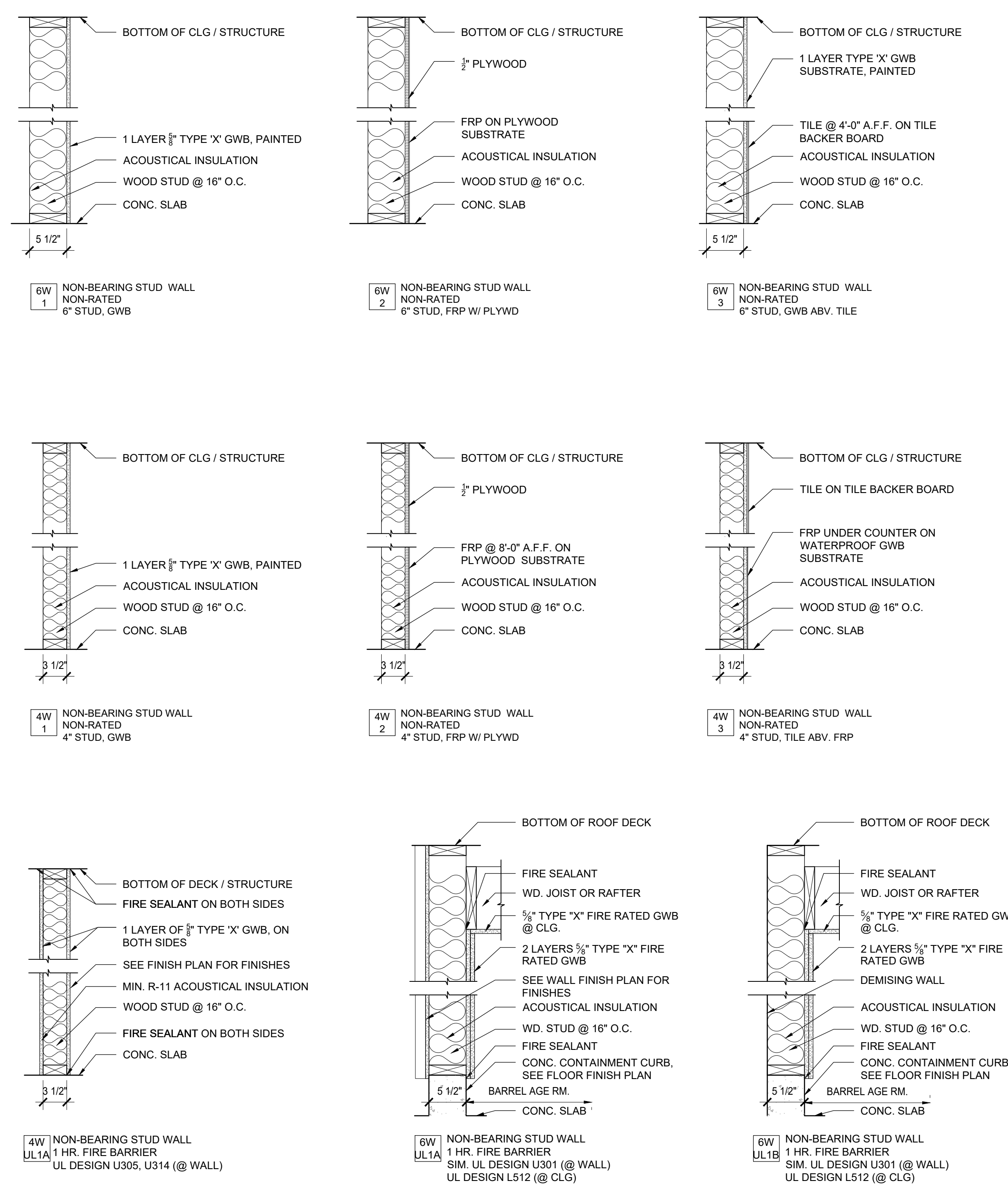
NOT FOR CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved.
These designs / drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A601
SCHEDULES

File Name: 201946_A601.dwg
 File Path: C:\Users\todd\Documents\OPA ARCHITECTURE\2019\201946_Dry_Land_Distillers01_CAD
 Plotted: October 01, 2020 - 7:13pm



WALL TYPES
 SCALE: 1" = 1'-0"

NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

DRY LAND DISTILLERS

519 MAIN ST.
 LONGMONT, CO 80501

NOT FOR CONSTRUCTION

2020 OPA Design Studio. All Rights Reserved. These designs / drawings are the sole property of the Architect, OPA Design Studio. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Architect.

JOB NO.:	201946
PHASE:	PERMIT
DRAWN:	DG, TH
CHECKED:	SO
DATE:	10/1/2020

A602

WALL TYPES

STRUCTURAL GENERAL NOTES

PROJECT NUMBER: 20153
PROJECT DESCRIPTION: Dry Land Distillers -- Renovation
519 Main Street
Longmont, CO 80501

- 010000 - GENERAL REQUIREMENTS
All construction, unless specifically noted otherwise, shall conform to the following:
• Authority Having Jurisdiction: City of Longmont, CO
• International Building Code (IBC) - 2018 Edition
• Amendments including Denver Building Code - 2018 Edition
• Minimum Design Loads for Building and Other Structures - ASCE 7-16

DESIGN LIVE LOADS
a. Ground Snow Load, Pg 30 psf
b. Roof (SL) 30 psf
c. Floor (LL) 40 psf
d. Wind Speed (3-Sec Gust) 110 mph (V50), 142 mph (V10)
e. Exposure B
f. Seismic Design Category B

- 013100 - COORDINATION:
1. The contract structural drawings and specifications represent the finished structure. They do not indicate the means or method or sequence of construction. The Contractor shall be responsible for and provide all measures necessary to protect the structure during construction.
2. The contractor shall comply with all applicable safety regulations and shall retain the services of a third party consultant to instruct the contractor of all OSHA standards and advise/assist the contractor in complying with all OSHA requirements applicable to this project including any design that may be required for shoring and/or bracing.
3. Contractor shall verify all dimensions and coordinate site conditions with the drawings prior to construction.
4. Construction materials shall be spread out if placed on framed floors or roofs so as not to exceed the design live load per square foot.
5. The intent of the drawings, specifications, and details is to include all necessary items for the proper execution of the work.
6. Not all openings or equipment are shown on the structural drawings, and it is the general contractor's responsibility to coordinate with the subcontractors and equipment suppliers/manufacturers.
7. Refer to architectural, mechanical, electrical and plumbing drawings for location and details of blockouts, inserts, openings, curbs, equipment loads, equipment bases and pads, piping, ducts, site work items, etc.
8. Approved equal options are for the Contractor's convenience and are subject to approval by the Architect.
9. All pre-engineered/prefabricated items and materials shall be installed in strict accordance with the manufacturer's requirements and alterations are allowed only in writing.
10. All details shown shall be incorporated into the project at all appropriate locations, whether specifically indicated or not.
11. Where reference is made to various test standards for materials or performance, such standards shall be the latest edition and/or addendum.
12. For clarity, all roof, floor and wall openings may not be shown on structural drawings. For exact size, number and location of openings, see architectural, mechanical, electrical and plumbing drawings.
13. Coordinate all shop drawing submittal requirements with the structural notes and the Architect.

- 013300 - SUBMITTALS - SHOP DRAWINGS & PRODUCT DATA:
1. Shop drawings shall be submitted for all structural items in addition to any items required by the architectural specifications.
2. The general contractor shall review and stamp all shop drawings and product data for conformance with the construction documents prior to submittal.
3. Any changes, substitutions, or deviations from the original contract drawings shall be clouded by the manufacturer or fabricator.
4. The structural engineer reserves the right to allow or not allow any changes to the original contract drawings at any time before or after shop drawing review.
5. The shop drawings do not replace the original contract drawings.
6. Reviewing submittals is intended only as an aid to the Contractor in obtaining correct shop drawings.
7. Shop drawings shall be returned for resubmittal if major errors are found during review.
8. No more than two sets of black and white prints will be reviewed for any individual submittal.
9. Allow a minimum of ten working days for review of each shop drawing submittal by the Structural Engineer.

- SUBMITTALS - STRUCTURAL DESIGN REQUIRED:
1. Reinforcing steel under this section pertain to supplier or sub-contractor designed components or systems.
2. All engineering designs and layouts performed by others shall be sealed by a civil or structural engineer registered in the State of Colorado.
014000 - SPECIAL INSPECTIONS & QUALITY CONTROL:
1. Special inspections shall be performed by a qualified inspector, employed by the owner, and approved by the Building Official.

- 2. Special inspections for reinforcing steel, structural masonry and anchor bolts shall be performed by a qualified inspector under the direct supervision of a Colorado registered structural engineer who is familiar with the structural design of this project.
3. The special inspection certificate shall be sealed by the supervising structural engineer.
4. The contractor shall be responsible for providing a minimum of 24 hours notice to the special inspector and the testing laboratory prior to beginning any work for which special inspection or testing is required.
5. Special inspection is required during the following operations per IBC Section 1704:
3.1. Grading, excavation and filling;
3.2. Concrete placement and curing;
3.3. Reinforcing steel placement;
3.4. Welding;
3.5. High strength bolting;
3.6. Expansion bolting;
3.7. Anchor bolts;
3.8. Duties and responsibilities of the special inspector;
3.9. The special inspector shall observe the work assigned for conformance with the approved design drawings and specifications.
6. The special inspector shall furnish inspection reports to the building official and to the engineer or Architect of record.
7. Upon completion of the assigned work, the special inspector shall complete and sign a final report certifying that to the best of the inspector's knowledge, the work conforms with the approved plans and specifications, and the applicable workmanship provisions of the code.

- 033000 - CAST-IN-PLACE CONCRETE:
1. Concrete work shall conform to all requirements of ACI 301, "Specifications for Structural Concrete for Buildings" and ACI 318, "Building Code Requirements for Reinforced Concrete".
2. Concrete shall be ready mixed concrete in accordance with ASTM C94.
3. Cement shall conform to ASTM C150, type I/II.
4. Concrete shall be free of chloride.
5. No flyash allowed.
6. No construction joints other than those shown on the drawings shall be installed without approval of the Structural Engineer.
7. Beams, columns and braces shall not be spliced without prior approval of structural engineer.
8. Headed studs shall be Nelson granular flux-filled headed anchor studs or approved equal made from cold finished low carbon steel.
9. Deformed bar anchor studs shall be Nelson D21 granular flux-filled rebar studs or approved equal made from low carbon cold rolled steel.
10. Draypak for column base plates and bearing plates shall be Five Star stout or an equal nonmetallic shrinkage-resistant grout with a minimum 28 day compressive strength of 5000 psi.
11. Provide fabricator's standard rust-inhibiting primer shop paint for all steel surfaces except surfaces encased in concrete.
12. Cure exposed concrete for a minimum of 7 days in accordance with ACI 301 procedures.
13. Concrete compressive strength and slump shall be tested per structural tests and inspections' specification 01470.
14. Cold and warm weather requirements per ACI shall be followed before, during and after placement of concrete.

- 033100 - REINFORCING STEEL:
1. Reinforcing steel deformed bars shall conform to ASTM A615, grade 60 (fy = 60 ksi).
2. All engineering designs and layouts performed by others shall be sealed by a civil or structural engineer registered in the State of Colorado.
3. The special inspection certificate shall be sealed by the supervising structural engineer.
4. The contractor shall be responsible for providing a minimum of 24 hours notice to the special inspector and the testing laboratory prior to beginning any work for which special inspection or testing is required.

- 4. Unless noted otherwise, lap splices in concrete shall be class "B" tension lap splices (2'-6" minimum) per the latest edition of ACI 318.
5. Reinforcing bar spacings given are maximum on centers.
6. High strength bolting: Review of all bolt installations to ensure that the bolts are installed in accordance with the approved plans and specifications, and the applicable workmanship provisions of the code.
7. Welding electrodes shall conform to AWS D1.1, Grade E70xx.
8. Headed studs shall be Nelson granular flux-filled headed anchor studs or approved equal made from cold finished low carbon steel.
9. Deformed bar anchor studs shall be Nelson D21 granular flux-filled rebar studs or approved equal made from low carbon cold rolled steel with a minimum tensile strength of 70,000 psi.
10. Draypak for column base plates and bearing plates shall be Five Star stout or an equal nonmetallic shrinkage-resistant grout with a minimum 28 day compressive strength of 5000 psi.
11. Provide fabricator's standard rust-inhibiting primer shop paint for all steel surfaces except surfaces encased in concrete.

- 031200 - STRUCTURAL STEEL:
1. Structural steel construction shall conform with the latest AISI "Code of Standard Practice for Steel Buildings and Bridges", AISI "Specification for Structural Steel Buildings - Allowable Stress Design and Plastic Design", including commentary, and applicable provisions of AWS "Structural Welding Code".
2. Structural steel WF shapes shall be ASTM A992 (fy = 50 ksi).
3. Concrete work shall conform to all requirements of ACI 301, "Specifications for Structural Concrete for Buildings" and ACI 318, "Building Code Requirements for Reinforced Concrete".

- 06 1000, 06 1300 - STRUCTURAL WOOD FRAMING (U.N.O. on drawings):
1. Except where noted on the drawings, all 2" lumber shall be Douglas Fir-Larch S4S No. 2 and better, and all solid timber beams and posts shall be Douglas Fir-Larch No. 1.
2. Studs shall be Douglas Fir-Larch No. 2 and better.
3. Top and bottom plates shall be Douglas Fir-Larch No. 2 and better.
4. Provide solid blocking at supports for wood joists.
5. Steel connectors manufactured by Simpson Strong-Tie Company, San Leandro, CA, shall be used to join rafters, joists, or beams to other members at flush-framed conditions.
6. The contractor shall consult and coordinate with the Architect and Soils Engineer and provide any and all necessary perimeter drain systems that may be required.

- 06 1600 - FLOOR SHEATHING (U.N.O. on drawings):
1. Provide 3/4" thick, tongue and groove, Sturd-I-Floor APA rated sheathing, rated @ 20" O.C., Exp 1, over framing per plan.
2. All sheathing shown on these drawings shall be C-D with exterior glue in accordance with U.S. Product Standard PS 1-95.
3. All panels shall be marked with an APA grade mark with an identification index in accordance with IBC Table No. 2304.7(3).
4. All panels shall be installed long side perpendicular to framing.

- 06 1733 - PARALLEL STRAND LUMBER (PSL):
1. PSL beams shall be Parallam beams as manufactured by the Trus-Joist Corporation, Boise, Idaho or approved equivalent.
2. Flexural Stress (Fb) 2,900 psi
3. Compression Perpendicular to Grain (Fcx) 750 psi
4. Horizontal Shear (Fv) 290 psi
5. Modulus of Elasticity (E) 2,000,000 psi

- 06 1000, 06 1300 - STRUCTURAL WOOD FRAMING (U.N.O. on drawings):
1. Except where noted on the drawings, all 2" lumber shall be Douglas Fir-Larch S4S No. 2 and better, and all solid timber beams and posts shall be Douglas Fir-Larch No. 1.
2. Studs shall be Douglas Fir-Larch No. 2 and better.
3. Top and bottom plates shall be Douglas Fir-Larch No. 2 and better.
4. Provide solid blocking at supports for wood joists.
5. Steel connectors manufactured by Simpson Strong-Tie Company, San Leandro, CA, shall be used to join rafters, joists, or beams to other members at flush-framed conditions.
6. The contractor shall consult and coordinate with the Architect and Soils Engineer and provide any and all necessary perimeter drain systems that may be required.

- 06 1600 - FLOOR SHEATHING (U.N.O. on drawings):
1. Provide 3/4" thick, tongue and groove, Sturd-I-Floor APA rated sheathing, rated @ 20" O.C., Exp 1, over framing per plan.
2. All sheathing shown on these drawings shall be C-D with exterior glue in accordance with U.S. Product Standard PS 1-95.
3. All panels shall be marked with an APA grade mark with an identification index in accordance with IBC Table No. 2304.7(3).
4. All panels shall be installed long side perpendicular to framing.

- 06 1733 - PARALLEL STRAND LUMBER (PSL):
1. PSL beams shall be Parallam beams as manufactured by the Trus-Joist Corporation, Boise, Idaho or approved equivalent.
2. Flexural Stress (Fb) 2,900 psi
3. Compression Perpendicular to Grain (Fcx) 750 psi
4. Horizontal Shear (Fv) 290 psi
5. Modulus of Elasticity (E) 2,000,000 psi

- 31 0000 - FOUNDATIONS - SPREAD FOOTINGS:
1. Design of foundations is based on an assumed maximum allowable bearing pressure of 1,500 lbs. per square foot.
2. It is recommended that the Owner retain the services of a soils engineer licensed in the state where the project is to be located who shall verify all design assumptions including, but not limited to, verification of soil expansive characteristics and allowable soil bearing pressures and to determine whether unsuitable soil conditions exist during excavation.
3. The contractor shall consult and coordinate with the Architect and Soils Engineer and provide any and all necessary perimeter drain systems that may be required.

- 06 1000, 06 1300 - STRUCTURAL WOOD FRAMING (U.N.O. on drawings):
1. Except where noted on the drawings, all 2" lumber shall be Douglas Fir-Larch S4S No. 2 and better, and all solid timber beams and posts shall be Douglas Fir-Larch No. 1.
2. Studs shall be Douglas Fir-Larch No. 2 and better.
3. Top and bottom plates shall be Douglas Fir-Larch No. 2 and better.
4. Provide solid blocking at supports for wood joists.
5. Steel connectors manufactured by Simpson Strong-Tie Company, San Leandro, CA, shall be used to join rafters, joists, or beams to other members at flush-framed conditions.
6. The contractor shall consult and coordinate with the Architect and Soils Engineer and provide any and all necessary perimeter drain systems that may be required.

- 06 1600 - FLOOR SHEATHING (U.N.O. on drawings):
1. Provide 3/4" thick, tongue and groove, Sturd-I-Floor APA rated sheathing, rated @ 20" O.C., Exp 1, over framing per plan.
2. All sheathing shown on these drawings shall be C-D with exterior glue in accordance with U.S. Product Standard PS 1-95.
3. All panels shall be marked with an APA grade mark with an identification index in accordance with IBC Table No. 2304.7(3).
4. All panels shall be installed long side perpendicular to framing.

- 06 1733 - PARALLEL STRAND LUMBER (PSL):
1. PSL beams shall be Parallam beams as manufactured by the Trus-Joist Corporation, Boise, Idaho or approved equivalent.
2. Flexural Stress (Fb) 2,900 psi
3. Compression Perpendicular to Grain (Fcx) 750 psi
4. Horizontal Shear (Fv) 290 psi
5. Modulus of Elasticity (E) 2,000,000 psi

ABBREVIATIONS

Table with 4 columns: A.B., F.F., F.O.C., O.C. and descriptions for various construction terms like ANCHOR BOLT, FINISH GRADE, FINISH FLOOR, etc.

SYMBOLS

Table with 4 columns: SYMBOL, DESCRIPTION, MARK, DESCRIPTION. Includes symbols for TYPICAL DETAIL, DETAIL SECTION, ELEVATION CALLOUT, PLAN KEY NOTE, and OPENING IN FLOOR OR ROOF.

Table with 2 columns: NO., DATE, DESCRIPTION. Used for tracking revisions.



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com

G. A. Escobar Associates, Inc.

Consulting Structural Engineers
402 MAIN STREET
LONGMONT, CO 80501

TEL: (303) 678-5222
FAX: (303) 678-5225

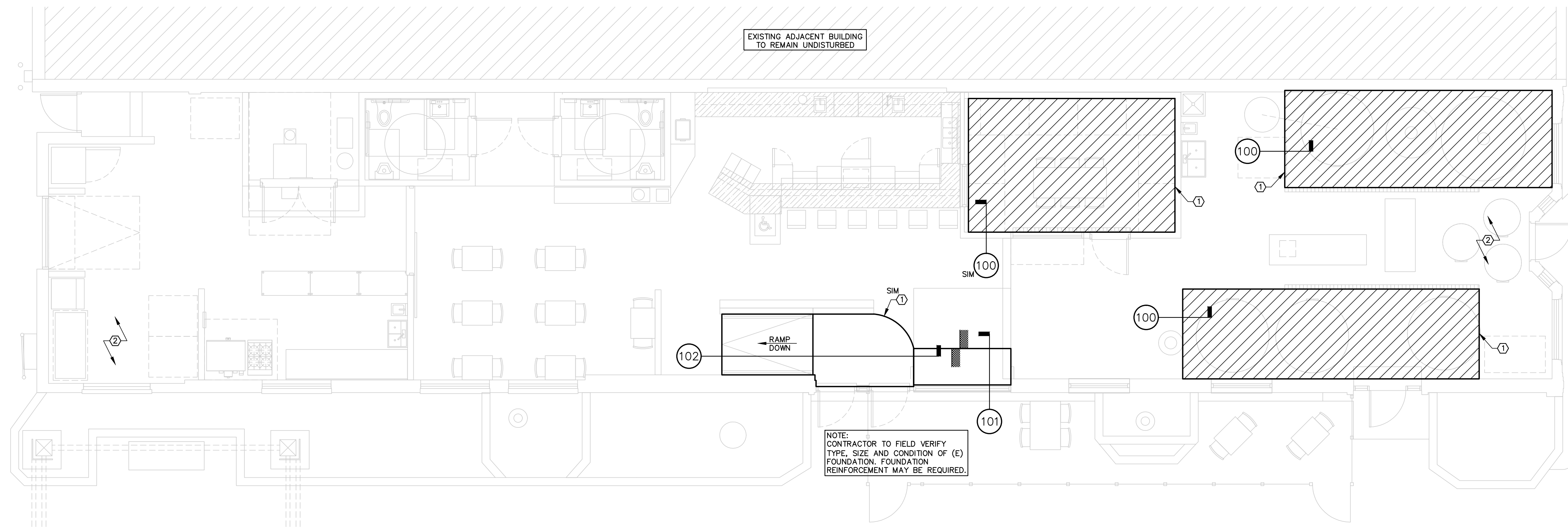
DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501



Table with 2 columns: FIELD, VALUE. Includes JOB NO.: 20153, PHASE: 95% CD, DRAWN: JDS, CHECKED: GAE, DATE: 06/30/2020.



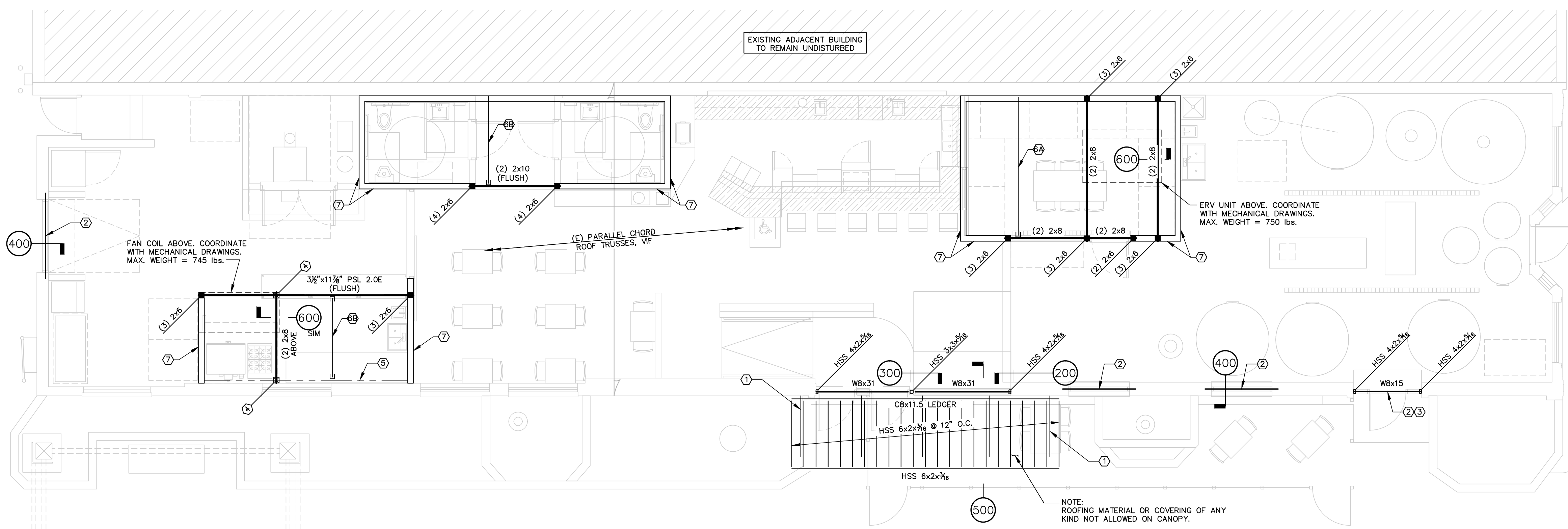
ALL DRAWN AND WRITTEN INFORMATION APPEARING HEREIN SHALL NOT BE REPLICATED, DISCLOSED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF G. A. ESCOBAR ASSOCIATES, INC. THIS STAMP AND THESE CONSTRUCTION DOCUMENTS SHALL BE VALID FOR A PERIOD OF 12 MONTHS FROM DATE OF SEAL.



FOUNDATION PLAN

3/8" = 1'-0"
PLAN NOTES
 1. SEE SHEET S1.0 FOR STRUCTURAL GENERAL NOTES, SYMBOLS, ABBREVIATIONS AND TYPICAL DETAILS.
 2. CONTRACTOR TO VERIFY EXISTING DIMENSIONS AND NOTIFY ENGINEER WITH ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

- FOUNDATION PLAN KEY NOTES**
- ① SAW-CUT AND REMOVE (E) CONCRETE SLAB AT HATCHED AREA. REPLACE WITH NEW 8" THICK CONCRETE SLAB AS IN DETAIL 100. REINFORCE WITH #4 @ 12" EACH WAY, TOP AND BOTTOM OF SLAB. SEE DETAIL 103 FOR REBAR BENDS AND SPLICES. COORDINATE EXTENT OF NEW SLAB, TOP OF SLAB ELEVATION AND SLOPE WHERE OCCURS WITH ARCHITECT. COORDINATE TRENCH DRAIN WHERE OCCURS WITH ARCHITECT.
 - ② WHERE TANKS AND OTHER EQUIPMENT WILL BE LOCATED, (E) 4" CONCRETE SLAB ASSUMED TO BE IN EXCELLENT CONDITION. CONTRACTOR TO VERIFY CONDITION OF (E) SLAB AND NOTIFY ARCHITECT AND ENGINEER IF NOT IN EXCELLENT CONDITION. SLAB REPLACEMENT MAY BE REQUIRED.



ROOF FRAMING PLAN

3/8" = 1'-0"
PLAN NOTES
 1. SEE SHEET S1.0 FOR STRUCTURAL GENERAL NOTES, SYMBOLS, ABBREVIATIONS AND TYPICAL DETAILS.
 2. CONTRACTOR TO VERIFY EXISTING DIMENSIONS AND NOTIFY ENGINEER WITH ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

- ROOF FRAMING PLAN KEY NOTES**
- ① PROVIDE HSS 2x2x3/8 DIAGONAL SUPPORTS FOR CANOPY AT 12" FROM EACH END AND AT 5'-0" MAX SPACING. SEE DETAIL 500.
 - ② (3) L6x3x3/8 (LLV) LINTEL ABOVE WINDOW OR DOOR. PROVIDE MINIMUM 8" BEARING ON (E) MASONRY, BOTH ENDS. SEE DETAIL 400.
 - ③ PROVIDE 3/8" THICK x WALL WIDTH PLATE WELDED TO TOP OF STEEL BEAM. SEE DETAIL 200.
 - ④ 4x4 STUB POST BETWEEN BEAMS WITH SIMPSON EPC CAP AT TOP AND INVERTED PC AT BASE.
 - ⑤ (2) 2x10 LEDGER WITH 3/4" THREADED ROD @ 16" O.C. SET 8" INTO (E) BRICK WALL WITH SIMPSON "SET" ADHESIVE.
 - ⑥ PROVIDE CEILING IN ROOMS SHOWN AS FOLLOWS (CEILING JOISTS BEARING ON STUD WALLS SHALL HAVE FULL HEIGHT BLOCKING, COORDINATE GYP-BOARD CEILING WITH ARCHITECT.):
 A. FOR CEILING ONLY: 2x8 @ 16" O.C. WITH LUS28 HANGERS.
 B. FOR STORAGE: 2x10 @ 16" O.C. WITH LUS210 HANGERS AND 3/4" PLYWOOD ABOVE.
 - ⑦ NEW INTERIOR WALL FRAMING TO BE 2x6 @ 16" O.C. AS IN DETAIL 700. WALLS PARALLEL TO ROOF TRUSSES THAT SUPPORT ROOF TOP MECHANICAL UNITS SHALL FRAME TO UNDERSIDE OF ROOF SHEATHING. WALLS PERPENDICULAR TO ROOF TRUSSES SHALL FRAME TO DOUBLE TOP PLATE AT ELEVATION DETERMINED BY ARCHITECT.

NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
 Austin, TX 78752
 512.899.3100
 www.designopa.com

G. A. Escobar Associates, Inc.
 Consulting Structural Engineers
 402 MAIN STREET
 LONGMONT, CO 80501
 TELE: (303) 678-5222
 FAX: (303) 678-5225

DRY LAND DISTILLERS
 519 MAIN ST.
 LONGMONT, CO 80501

FOR REVIEW
 ONLY
 NOT FOR
 CONSTRUCTION

JOB NO.:	20153
PHASE:	95% CD
DRAWN:	JDS
CHECKED:	GAE
DATE:	06/30/2020

S2.0

ALL DRAWN AND WRITTEN INFORMATION APPEARING HEREIN SHALL NOT BE REPRODUCED, DISCLOSED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF G. A. ESCOBAR ASSOC. INC. THIS STAMP AND THESE CONSTRUCTION DOCUMENTS SHALL BE VALID FOR A PERIOD OF 12 MONTHS FROM DATE OF SEAL.

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com

G.A. Escobar Associates, Inc.
Consulting Structural Engineers
402 MAIN STREET
LONGMONT, CO 80501
TELE: (303) 678-5222
FAX: (303) 678-5225

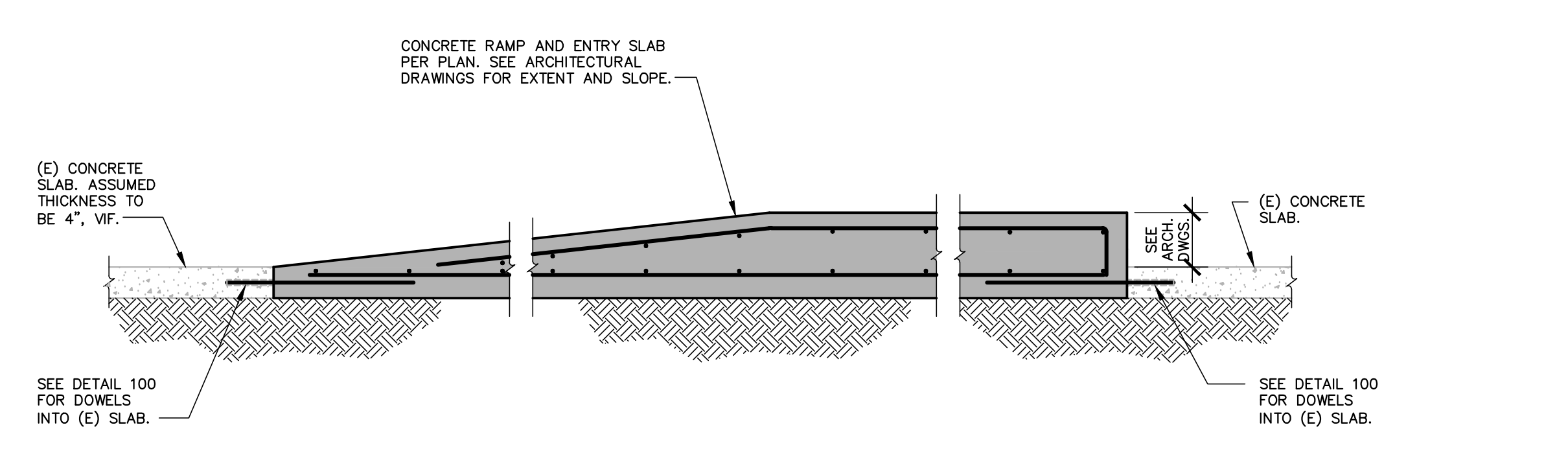
DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501

FOR REVIEW
ONLY
NOT FOR
CONSTRUCTION

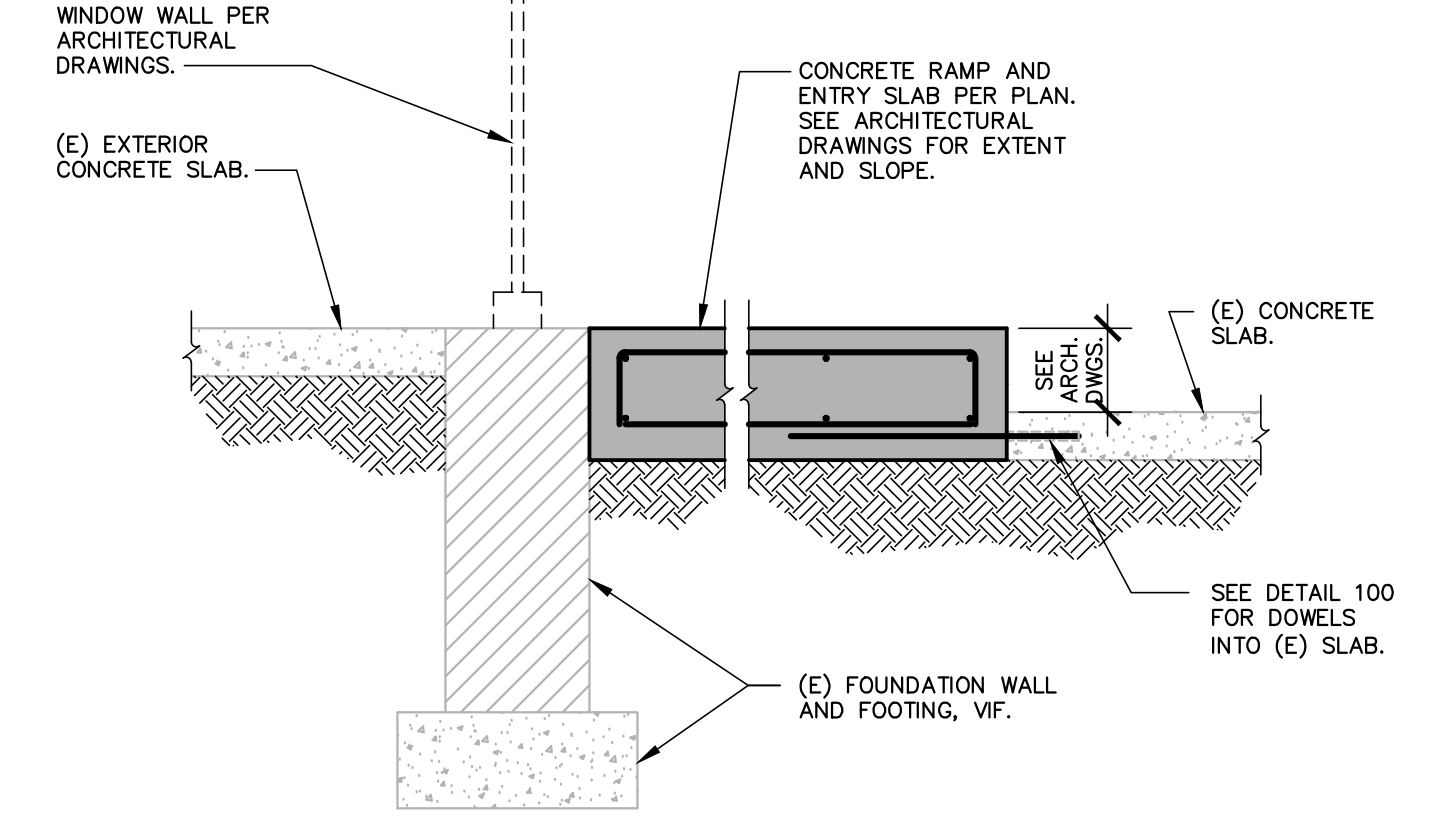
ALL DRAWN AND WRITTEN INFORMATION APPEARING HEREIN SHALL NOT BE REPRODUCED, DISCLOSED OR OTHERWISE USED WITHOUT THE WRITER'S CONSENT OF G.A. ESCOBAR ASSOCIATES, INC. THIS STAMP AND THESE CONSTRUCTION DOCUMENTS SHALL BE VALID FOR A PERIOD OF 12 MONTHS FROM DATE OF SEAL.

JOB NO.:	20153
PHASE:	95% CD
DRAWN:	JDS
CHECKED:	GAE
DATE:	06/30/2020

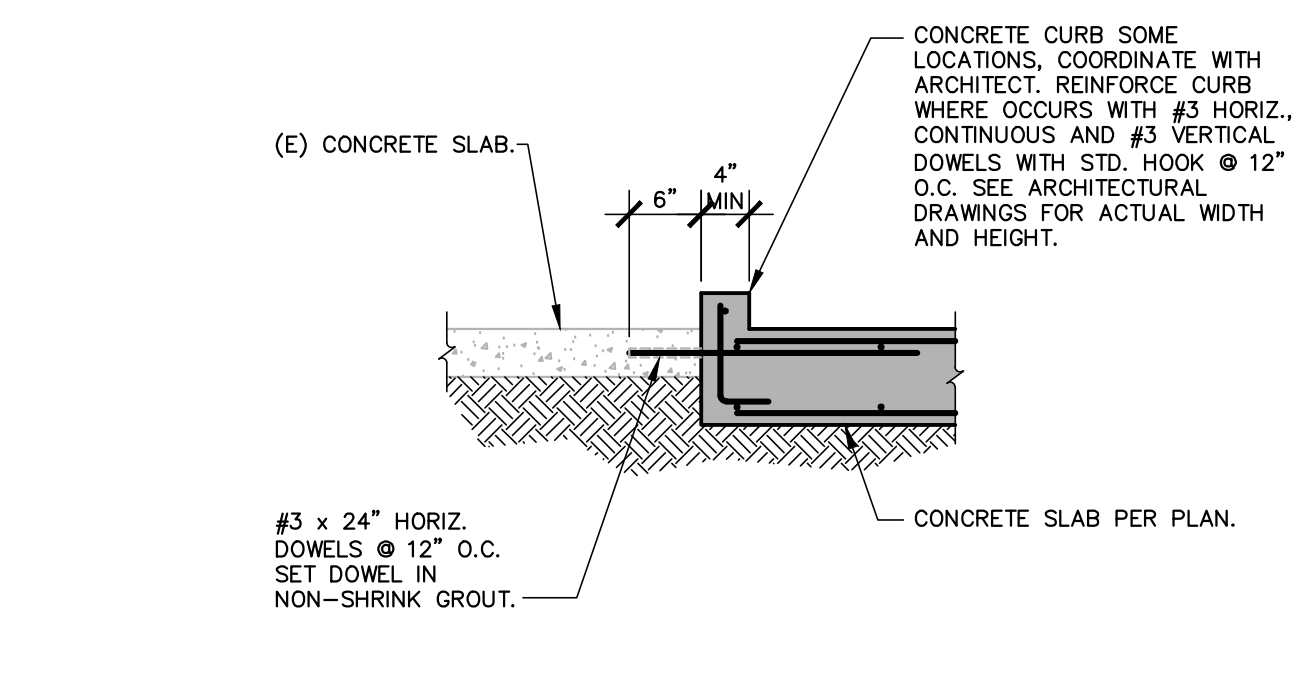
S3.0



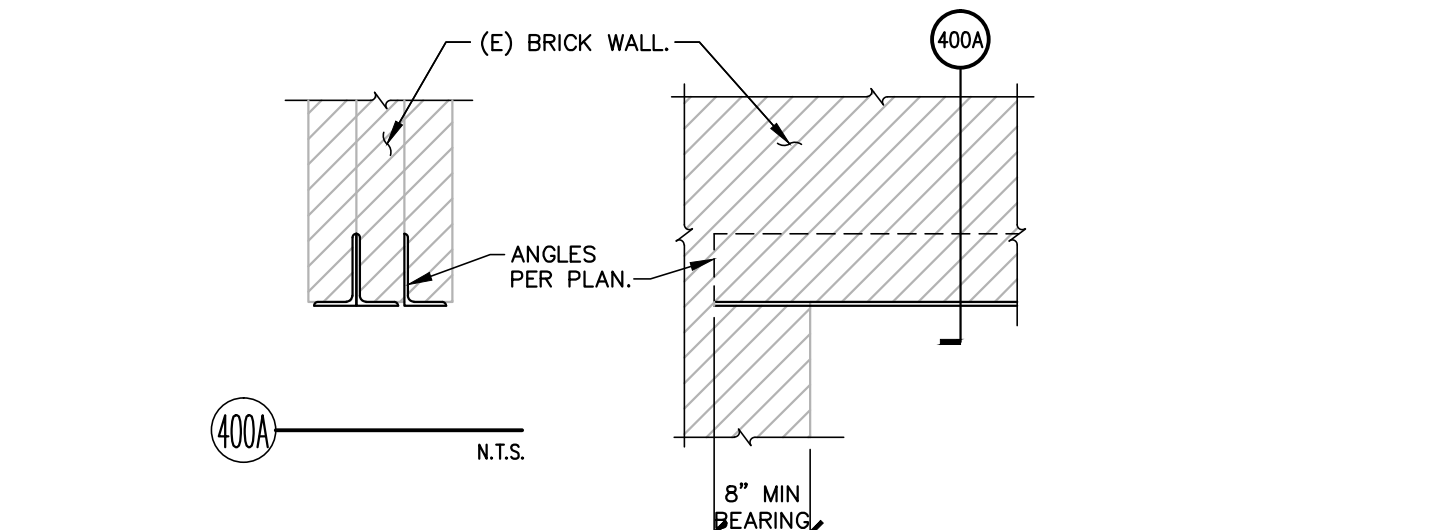
102 N.T.S.



101 N.T.S.

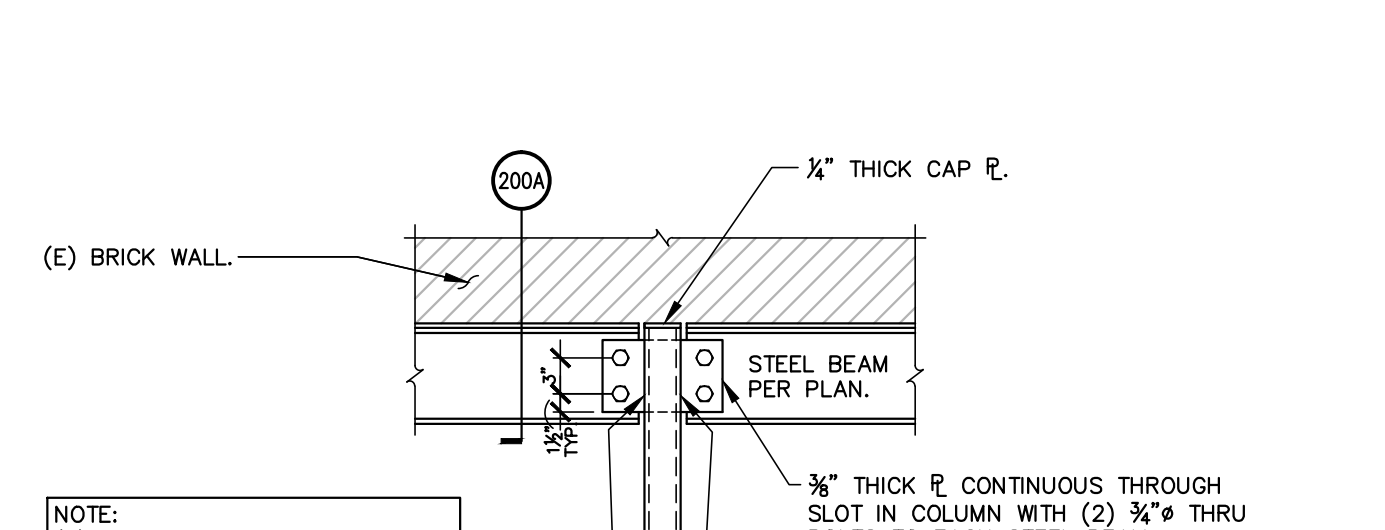


100 N.T.S.



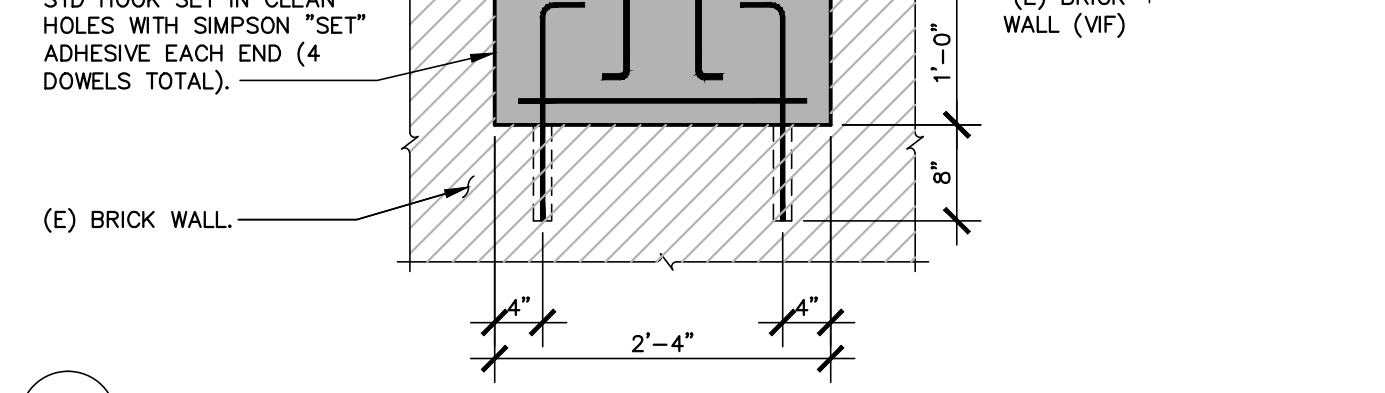
NOTE: (E) BRICK WALL AND FOUNDATION ASSUMED TO BE IN EXCELLENT CONDITION, VIF. CHANGES TO DRAWINGS MAY BE REQUIRED BASED ON CONDITION OF BRICK AND MORTAR.

400 N.T.S.

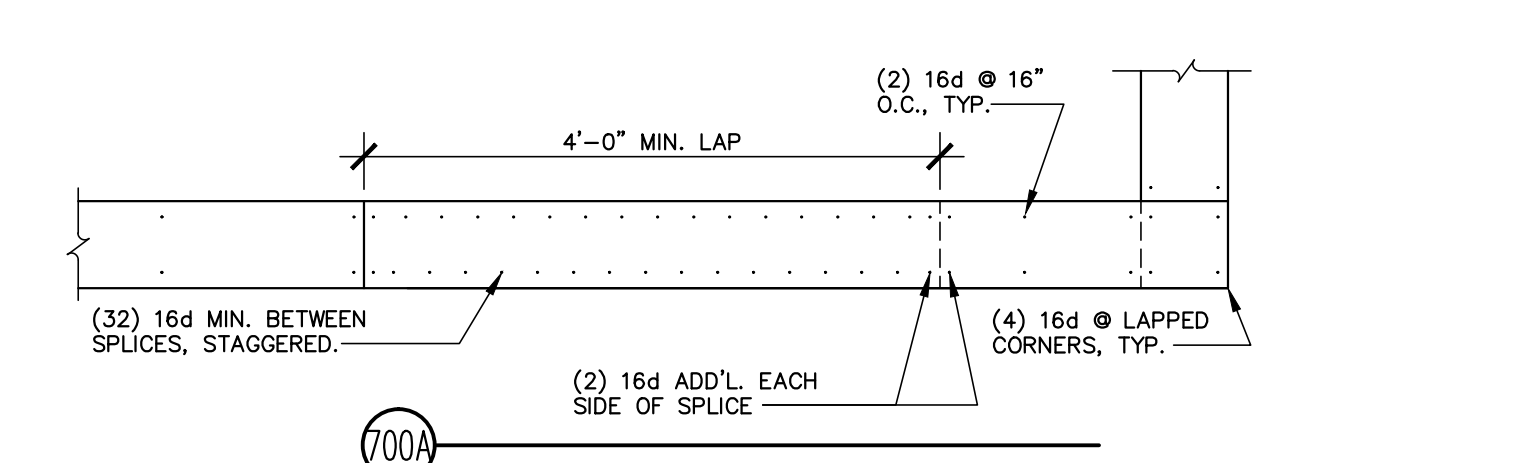


NOTE: (E) BRICK WALL AND FOUNDATION ASSUMED TO BE IN EXCELLENT CONDITION, VIF. CHANGES TO DRAWINGS MAY BE REQUIRED BASED ON CONDITION OF BRICK AND MORTAR.

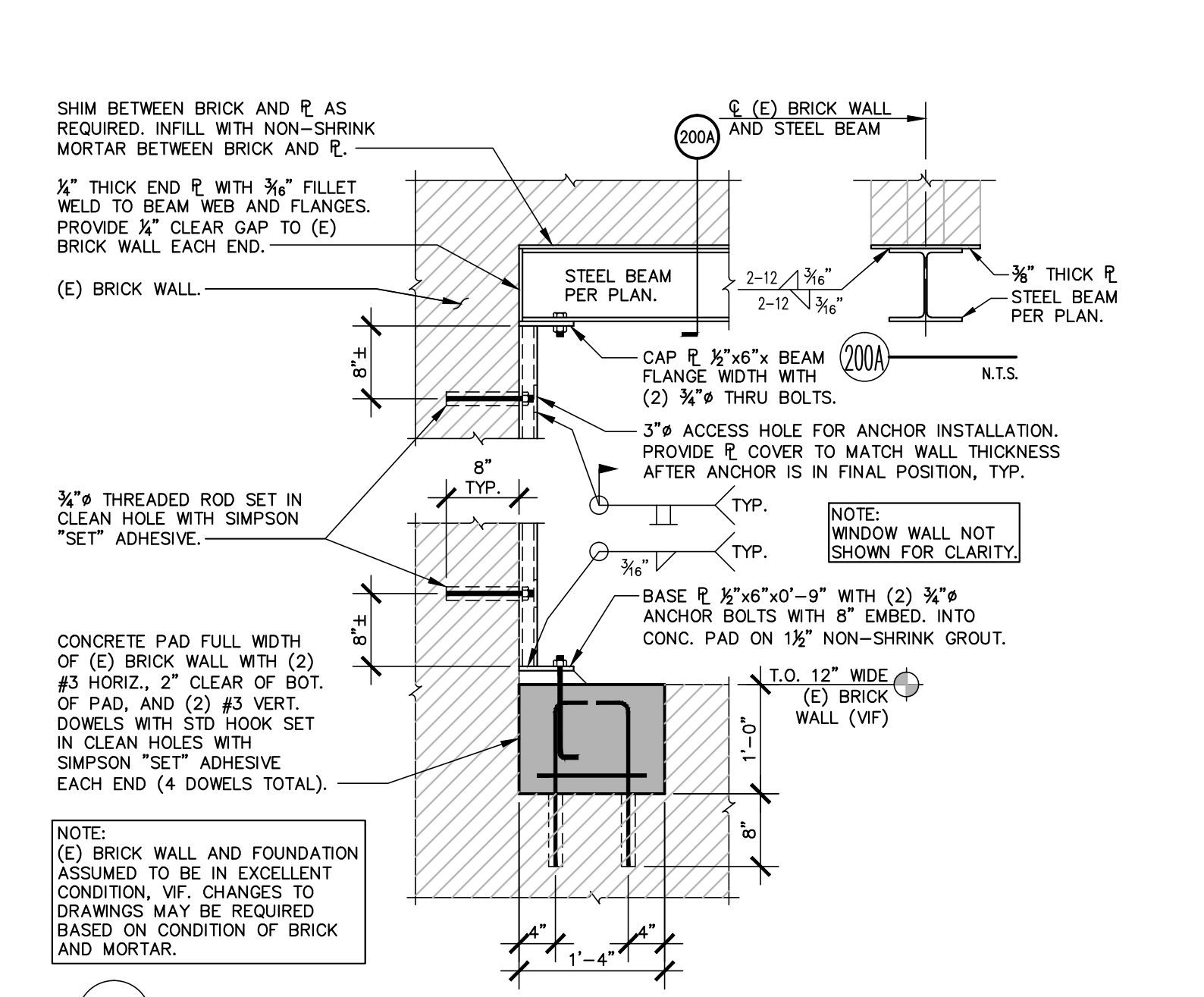
300 N.T.S.



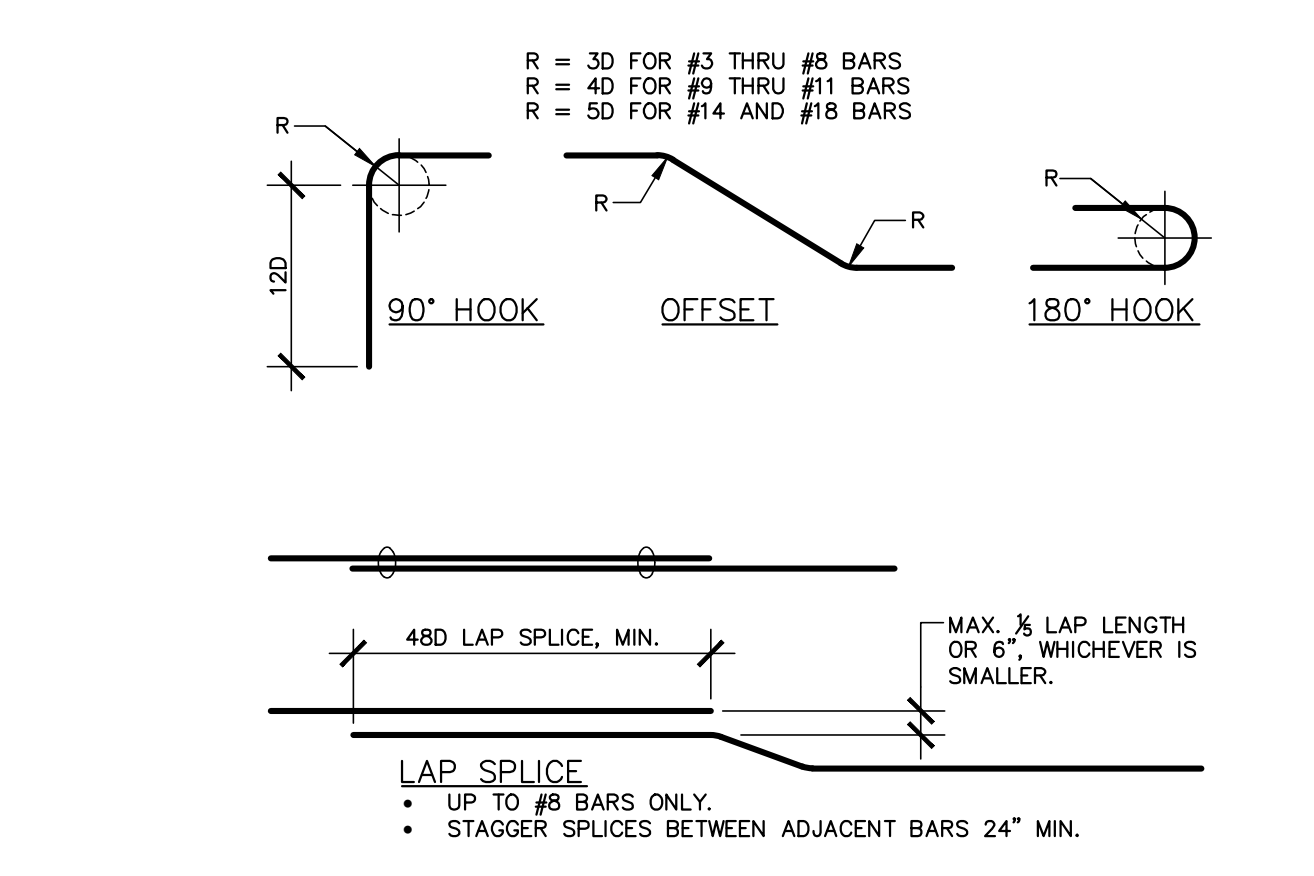
400 N.T.S.



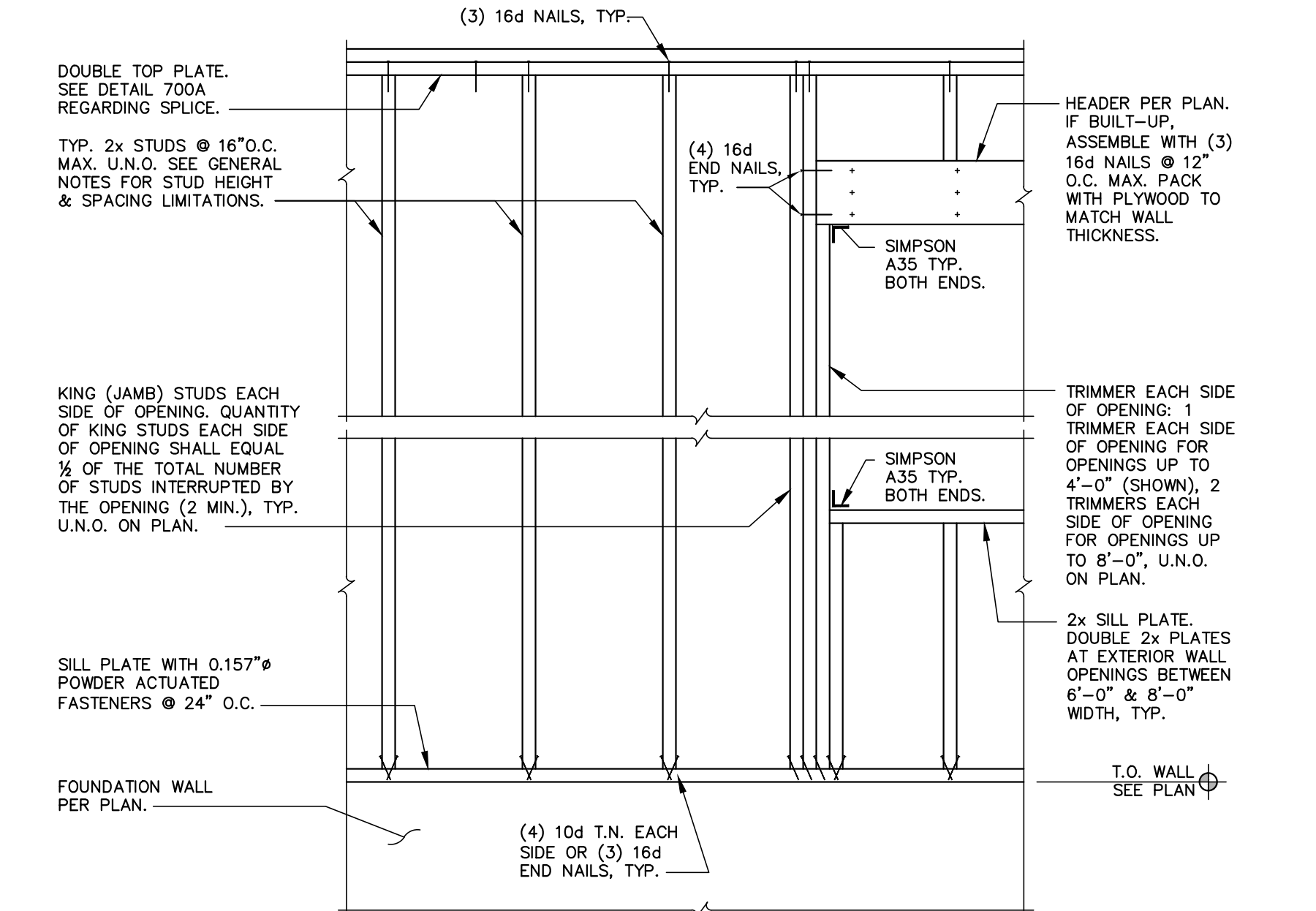
700A N.T.S.



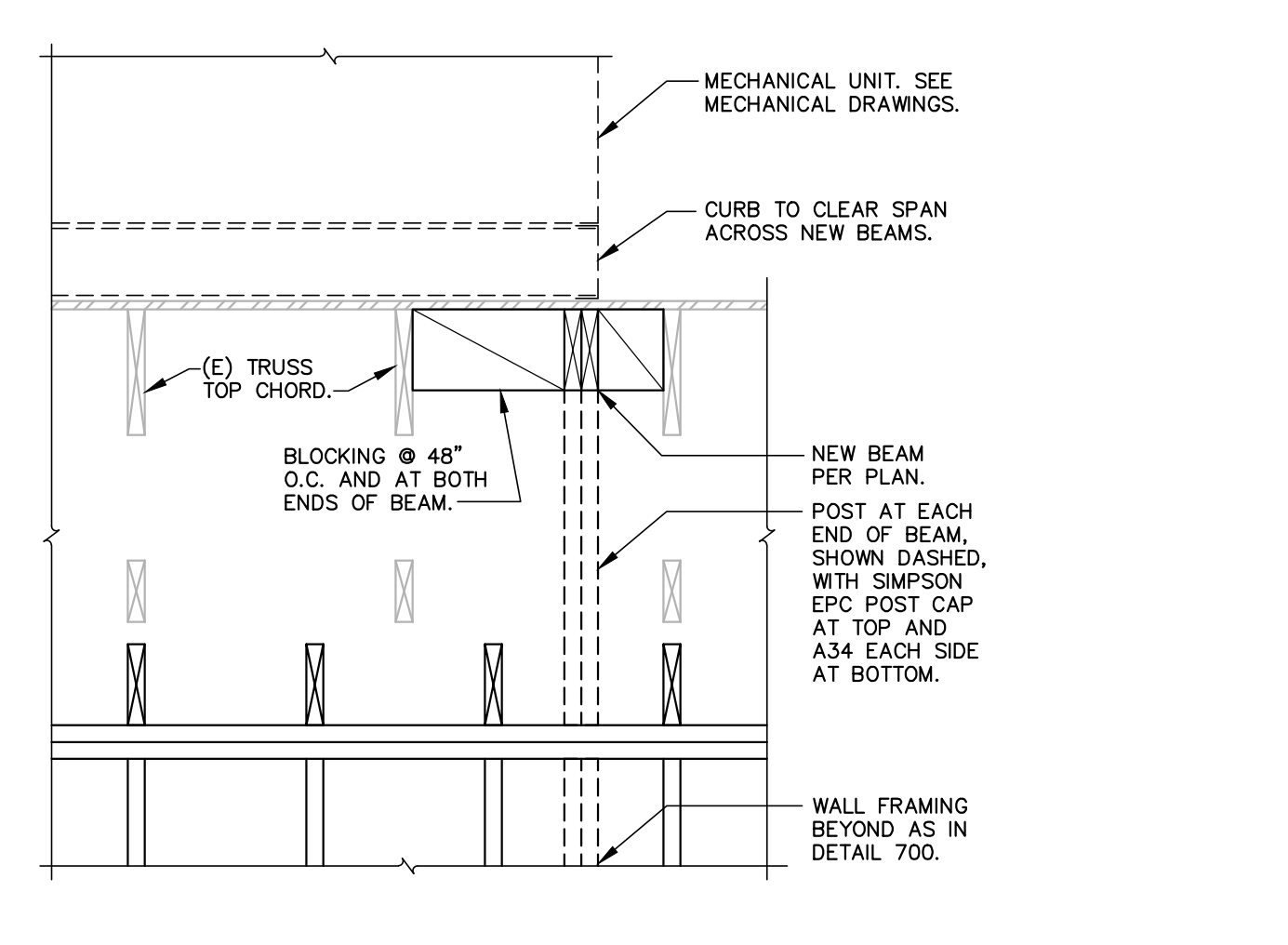
200 N.T.S.



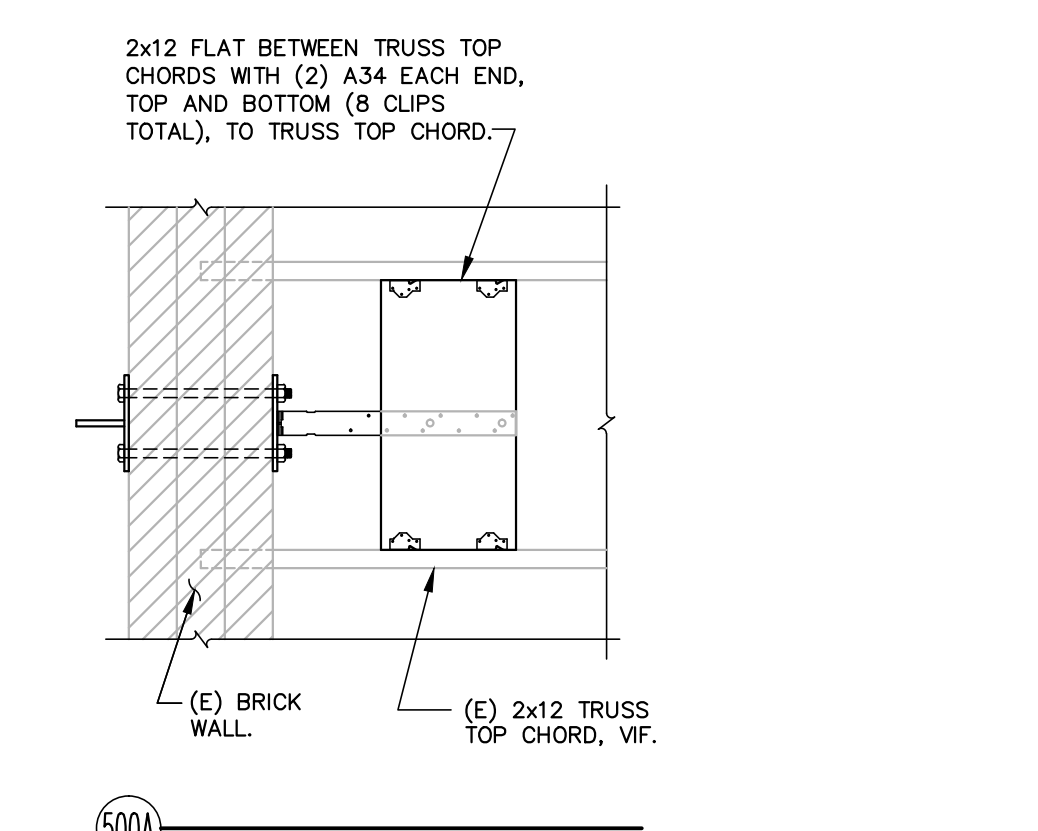
103 N.T.S.



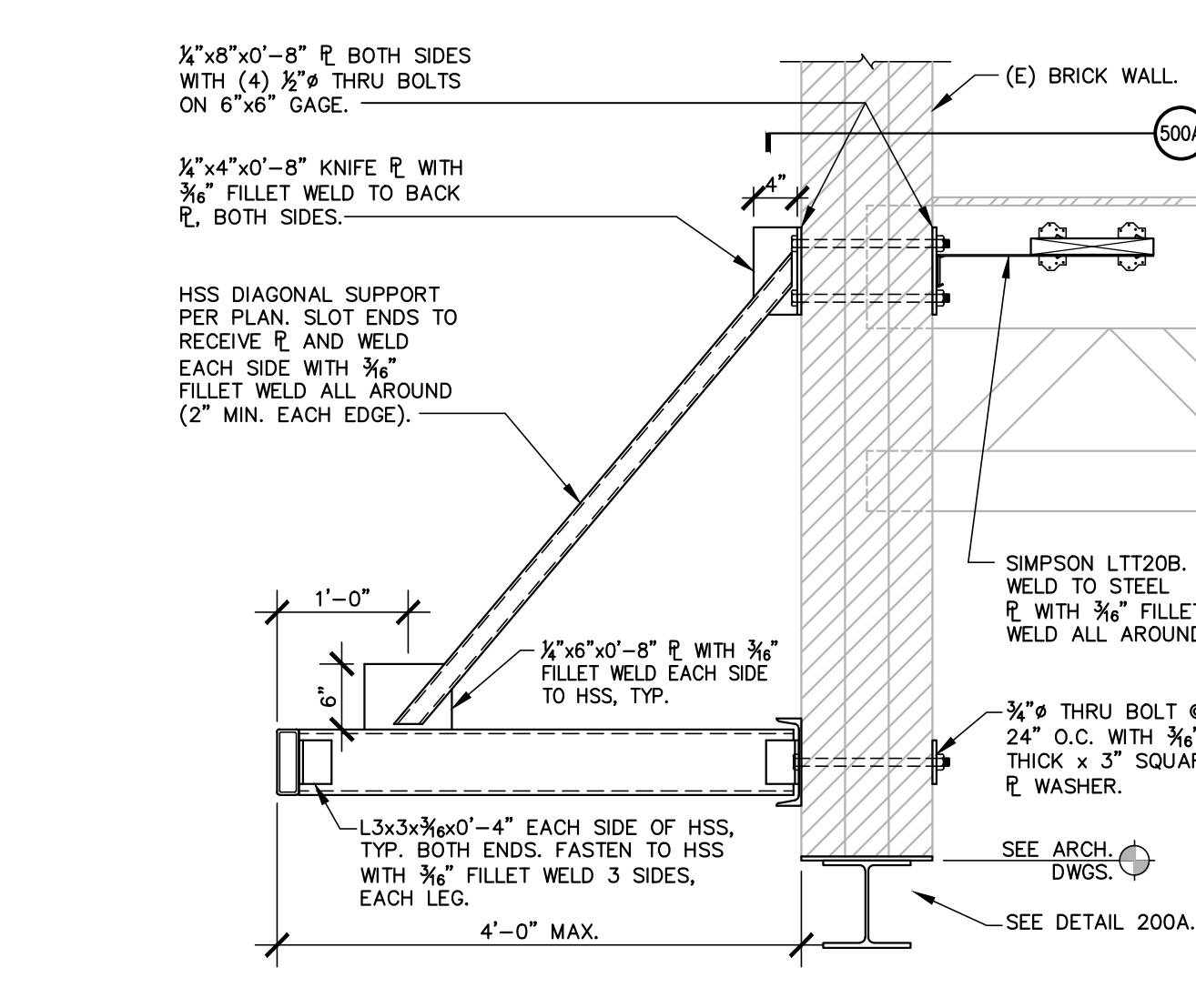
700 N.T.S.



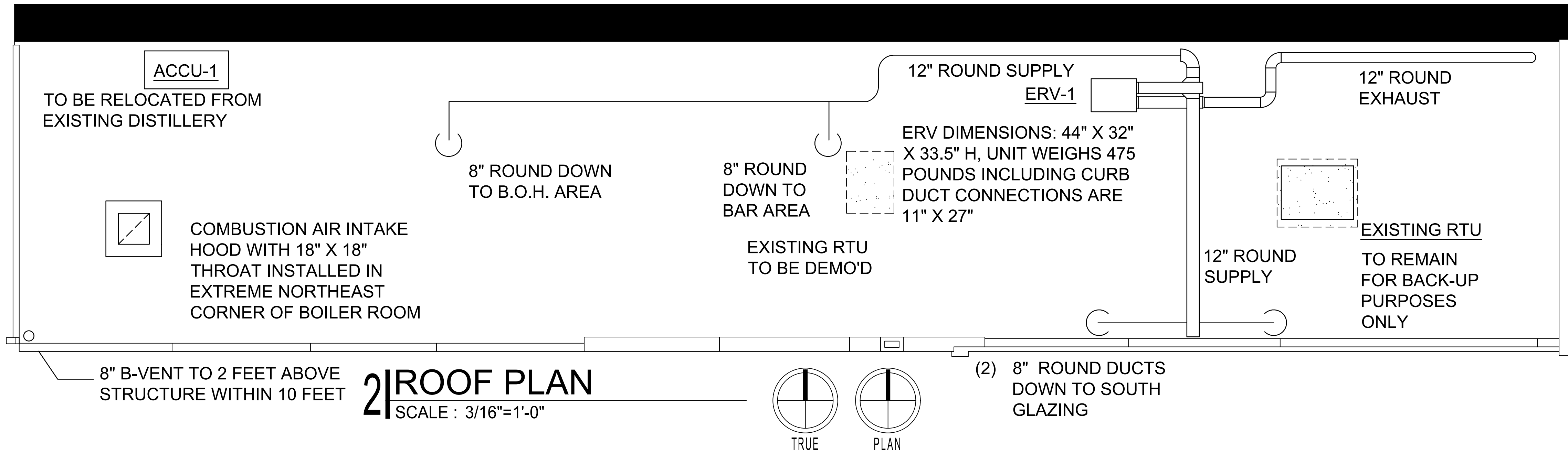
600 N.T.S.



500A N.T.S.



500 N.T.S.



DRYLAND MAXIMUM REQUIRED VENTILATION FOR ELECTRICAL DE-CLASSIFICATION

	22	% ABV	MAX
	200	gallons	PROCESS
	10	hours	LOAD
	4.4	max gph	ethanol generation
	6.55	#/gallon	ethanol density
	28.82	PPH	pounds per hour ethanol
ethanol	101.6	lb/kmol	
ethanol	3.3%	LFL	
ethanol	0.825%	25% of LFL	
ethanol	0.2837	kmols/hr	max production rate
	at altitude		
air	0.0009510	kmol/ft3	at 5300 feet elevation
nitrogen	0.0007425	kmol/ft3	at 5300 feet elevation
argon	0.0000085	kmol/ft3	at 5300 feet elevation
oxygen	0.0002000	kmol/ft3	at 5300 feet elevation
height	2	feet	SPACE TO BE
area	700	sq feet	ELECTRICALLY DE-
volume	1400	cubic feet	CLASSIFIED
in air	1.3314	kmols	
in 0.825%	0.0110	kmols	
	0.0387	hours	to reach 0.825%
	2.3233	minutes	to reach 0.825%
	603	cfm	required continuous ventilation
	650	cfm	specified continuous ventilation

REVISIONS

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100
www.designopa.com

LEMESSURIER
ENGINEERING
LLC
2835 KENYON CIR
BOULDER, CO 80305
(303) 588-0071
peter@lemessurierengineering.com

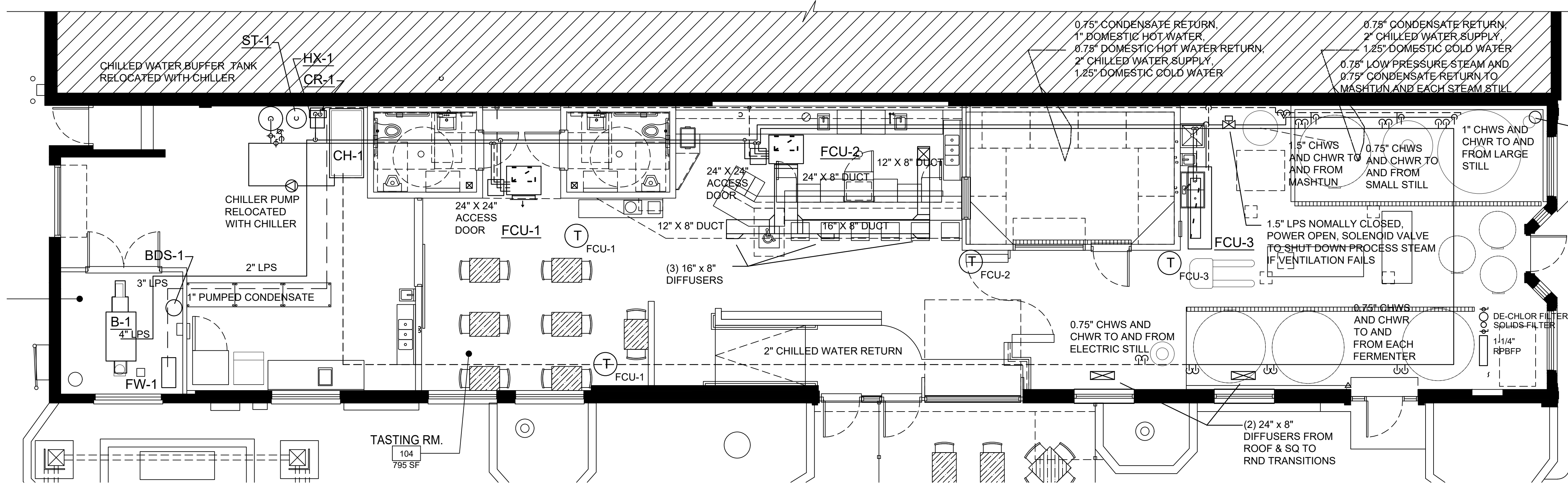
DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501



2020 LELLC. All Rights Reserved. These designs & drawings are the sole property of the Engineer, LELLC. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Engineer.

JOB NO.: 2005
PHASE: PERMIT DRAWINGS
DRAWN: PL
CHECKED: PL
DATE: 09/30/2020

M101
MECHANICAL PLANS



- MECHANICAL NOTES**
- ALL MECHANICAL WORK SHALL MEET CITY OF LONGMONT AND IMC, IECC, AND IEBC 2018 REQUIREMENTS.
 - ALL ROOMS MEET IMC TABLE 403.3.1.1 REQUIREMENTS FOR FRESH AIR.
 - PROVIDE MANUAL BALANCING DAMPERS AT EACH SUPPLY DIFFUSER TAKE-OFF
 - IF EXACT LOCATION SHOWN FOR ANY SUPPLY DIFFUSER OR RETURN GRILL CONFLICTS WITH FIRE ALARM OR PA SYSTEMS RELOCATE SUPPLIES WITHOUT GETTING CLOSER TO THE WALL. RELOCATE RETURN GRILLS TO STAY AS FAR FROM SUPPLY GRILLS AS POSSIBLE.
 - PROVIDE 75 CFM EXHAUST FROM EACH REST ROOM, DUCTED TO THE HEAT RECOVERY VENTILATOR EXHAUST CONNECTION. VENTILATION SHALL RUN DURING OCCUPIED HOURS AND WHENEVER ALCOHOL IS BEING PROCESSED
 - LINE RECTANGULAR DUCT PER CODE FOR COOLING SUPPLY DUCTS RUNNING IN A RETURN AIR CEILING.
 - DEMO ALL EXISTING DIFFUSERS, DUCTWORK AND EXHAUST DUCTS, LEAVING ONLY THE MAIN ROOFTOP UNIT AND IT'S SUPPLY AND RETURN DUCTS CUT OFF 30" BELOW THE ROOF.
 - PROVIDE 2 HOUR FIRE DAMPERS WHERE INLET AND EXHAUST DUCTS PASS THROUGH RATED LID
 - REFERENCE ARCHITECTS PLANS FOR EXACT DIMENSIONS, LOCATIONS, WALL TYPES, AND CEILING HEIGHTS BEFORE STARTING WORK.

BLOWDOWN SEPARATOR SCHEDULE

TAG	MODEL(1)	DIA	INLET	OUTLET	DCW	DRAIN	VENT	OP. WT.	REMARKS
BDS-1	BDS-2	16"	1-1/4"	2"	1"	2"	3"	465#	(2)(3)(4)

- REFERS TO COLUMBIA BOILER. EXISTING: RELOCATE FROM 473 MAIN STREET
- SEE MANUFACTURERS INSTALLATION INSTRUCTIONS
- PROVIDE 3/4" BALL VALVE TO ADD COLD WATER TO KEEP DISCHARGE BELOW 180 DEGREES F
- OVERALL HEIGHT: 48"

FEED WATER TANK / PUMP SCHEDULE

PLAN MARK	MODEL NO. (1)	SERVICE	GPM	HEAD (FT)	RPM	HP	RECEIVER VOLUME (GAL)	VOLTS	OPER. WEIGHT	REMARKS
FWP-1	CRT-7	CONDENSATE	5	35	3450	0.33	22	120-1-60	390	(2)(3)(4)(5)

- REFERS TO COLUMBIA BOILERS. EXISTING: RELOCATE FROM 473 MAIN STREET
- 3/4" STEAM SPARGE TUBE FOR OXYGEN REMOVAL W/Self CONTAINED CONTROL VALVE
- 3/4" MAKE-UP WATER CONNECTION
- 1" DRAIN & 1" OVERFLOW CONNECTIONS
- 2" VENT AND 1-1/4" RETURN CONNECTIONS

AIR COOLED CONDENSER SCHEDULE

PLAN MARK	MODEL NO. (1)	OA TEMP AMBIENT	VOLT	PH	FLA	MOCF	MBH REJECTION	REMARKS
ACC-1	OC18D	105	208	3	7.6	15	247	(2)(3)(4)

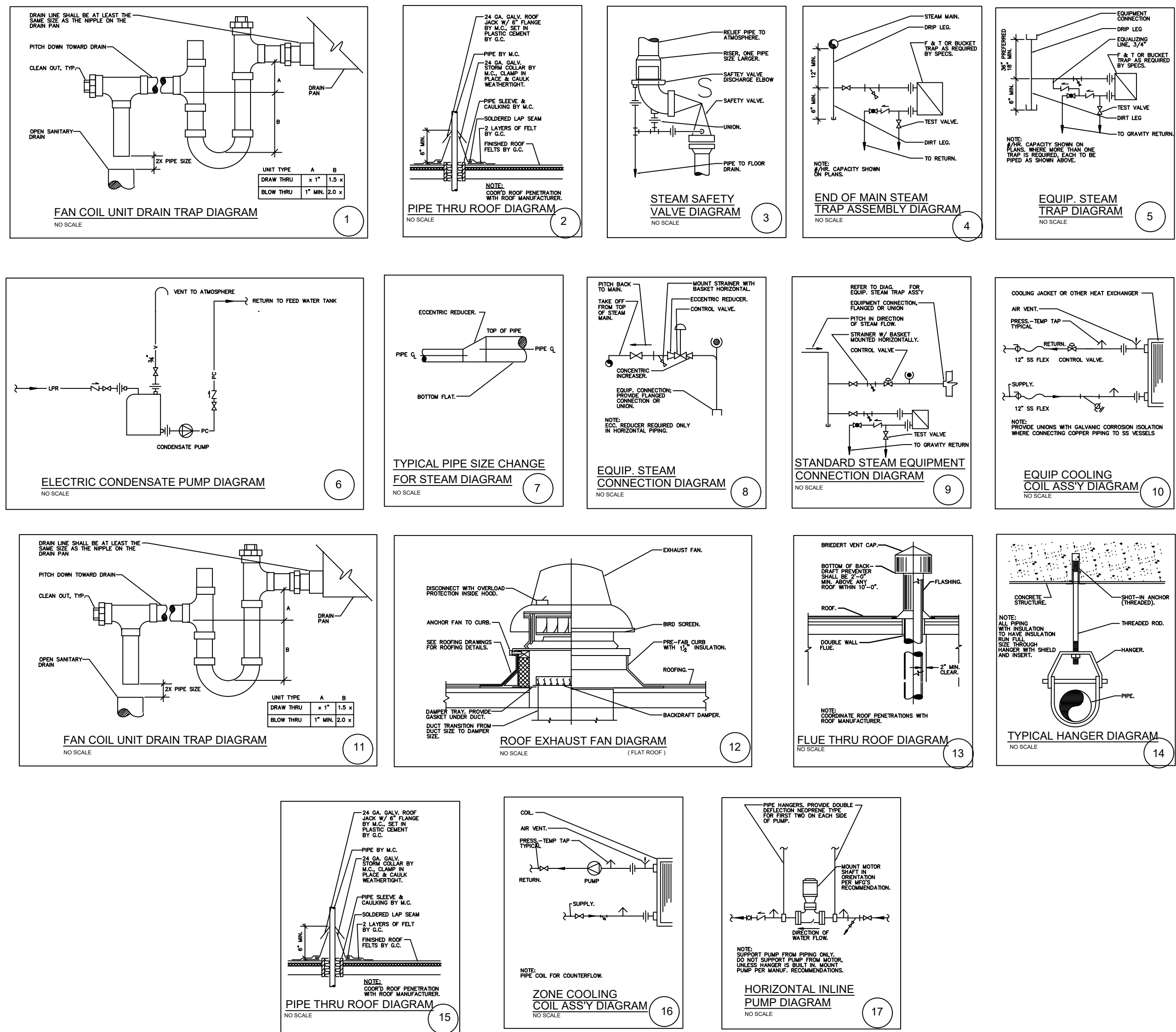
- REFERS TO EXISTING LEGACY SPLIT CHILLER CONDENSING UNIT: RELOCATE FROM 473 MAIN STREET
- PROVIDE HAIL GUARDS
- WEIGHS 745 POUNDS, DIMENSIONS: 85" L X 40" W X 47" H
- PROVIDE HEAD PRESSURE CONTROL FOR LOW AMBIENT OPERATION W/ECMS

AIR COOLED SPLIT CHILLER SCHEDULE

PLAN MARK	MODEL NO. (1)	CAPACITY (TONS)	PERF (KW/TON)	EVAPORATOR				VOLT/PH	FLA	MCA	WORKING FLUID		REMARKS	
				EWT (F)	LWT (F)	FLOW (GPM)	WPD (FT)				FOULING FACTOR	TYPE		% CONC
CH-1	IEZA18DF5	16.5	1.15	64	44	18	10	0.00010	208/3	87	110	H2O	100	(2)(3)

- REFERS TO EXISTING LEGACY SPLIT CHILLER. RELOCATE FROM 473 MAIN STREET PERFORMANCE AT 5500 FT ELEV.
- R407C REFRIGERANT
- CHILLER DIMENSIONS: 65" L X 30" W X 37" H, WEIGHT: 1500#
- PUMP DOWN AND EVACUATE EXISTING REFRIGERANT, FILTER AND RE-USE PER ALL APPLICABLE REGULATIONS

2 | RELOCATED EQUIPMENT SCHEDULES
SCALE : NA



MECHANICAL DETAILS
SCALE : NTS

Sequences Of Operation for Dry Land Distillery

System Concept

The hydronic (closed) chilled water piping system is a one pipe series loaded loop where each cooling load is connected to the loop sequentially such that each load gets warmer entering chilled water than the preceding load. It serves space cooling loads and process heat rejection. Chilled water may drop to 40 degrees and returning cooling water may rise to 150 degrees during still-condenser operation. The design intent is to flow the chiller pump at 100% speed whenever any load is calling for cooling. With the chiller set at 44 degrees at peak loads the return water temperature may reach 64 degrees.

Potable water will be heated to 140 degrees by a steam-to-water brazed plate heat exchanger controlled by a modulating single loop controller with a modulating steam valve and a recirculation pump for continuous flow. Hand sinks and lavatory's shall be fitted with adjustable anti-scald valves, initially set at 110 degrees F.

Low pressure steam (12 psig) will serve the three fan coil units, the mashtun, and two stills. Condensate shall return by gravity to a condensate receiver located next to the chiller. Condensate piping shall be carefully routed through the wall cavity behind the H-3 room, the kitchen and the rest rooms.

An existing gas / DX packaged roof top unit shall be serviced and have a new programmable thermostat installed. The unit will be used for back up space conditioning when boiler or chiller are not available in unfavorable weather.

Fan Coil Units

FCU-1, 2 and 3 are return air only, shall control the modulating heating valve and cooling pump to maintain space set point. Provide minimum 7 day programmable thermostats with an adjustable dead band between heating and cooling set points, 3 selectable speeds and fan /off/auto controls on the thermostat. Logic shall allow for day and night temperature set points.

Low Pressure Steam Boiler

The low pressure steam boiler shall be started as needed, operate at 12 psig and be fed by a vented feedwater tank and pump. The gas fired burner shall be fully modulating with minimum 4 to 1 turndown. A low water cut-out switch and a high pressure cut-out switch and an E-stop switch exiting the room shall shut off the boiler.

Provide a 3/4" check valve and pressure regulator set at 30 psi with a three valve bypass on the cold water make-up line to the feed water tank for service and quick system filling.

Chiller

The chiller shall be enabled to run 24/7 and provide 44 degree chilled water supply water and receive 64 degree return. In cold weather the chilled water setpoint may be manually raised to 50 degrees.

Pumps

Chiller Pump shall run whenever any load is calling for cooling.

Domestic Hot Water Return pump shall run during all occupied periods.

Pumps P-1 through P-10 shall be programmed to control flow to maintain return cooling water temperature from the respective load

P-1, 2, and 3 shall serve FCU-1,2,3 cooling coils, respectively

P-4 Cools the mashtun

P-5 Cools the big still

P-6 Cools the little still

P-7 Cools Fermenter #1

P-8 Cools Fermenter #2

P-9 Cools Fermenter #3.

P-10 Cools the electric still

Heat Exchangers

HX-1 uses 12 psig steam to heat cold water up to 140 degrees for use at the hose bib.

Feedwater Pump

This pump shall run whenever the Allied Boiler water level controller calls for water.

Condensate Receiver Pump

This receiver shall pump vented condensate back to the feed water tank.

Exhaust Fan

EF-1 shall run 24/7 to provide the H-3 barrel room with the required continuous exhaust. A current switch and a differential pressure switch shall prove air flow and motor operation. In the event of fan failure the steam boiler shall be shunted off.

Energy Recovery Ventilator

This unit is sized to provide the required continuous ventilation for ventilation codes as well as to meet the need to electrically de-classify the Distillery area by dilution and exhaust. ERV-1 shall run 24/7 to provide the Distillery with the required continuous ventilation and exhaust. A current switch and a differential pressure switch shall prove air flow and motor operation. In the event of exhaust fan failure the electric still shall be shunted off and a Normally Closed, two position, power open steam valve in the steam supply line after the three fan coil units have branched off but before any distillery steam loads, shall close.

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com

LEMESSURIER
ENGINEERING
LLC
2835 KENYON CIR
BOULDER, CO 80305
(303) 588-0071
peter@
lemessurierengineering.com

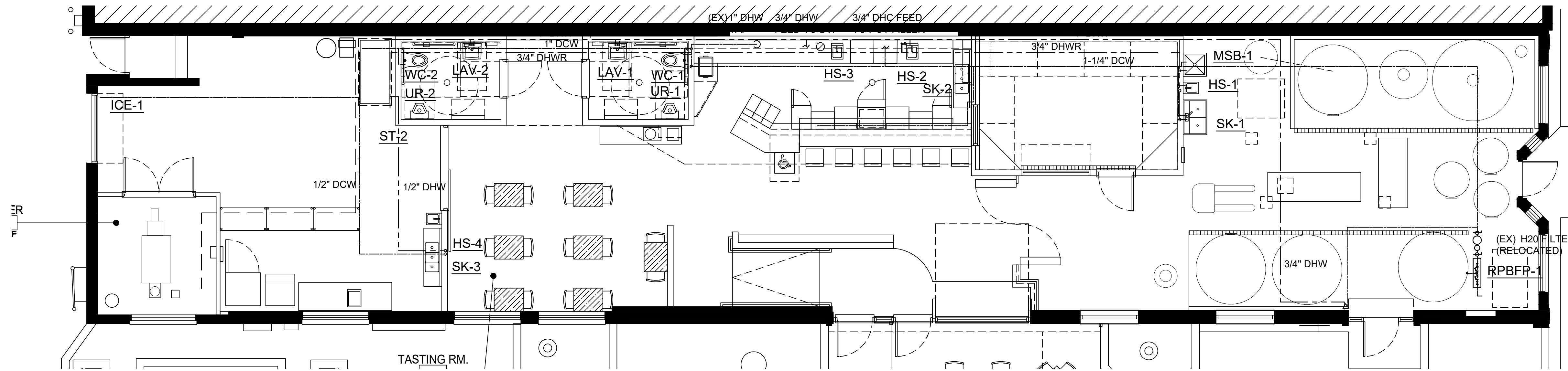
DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501



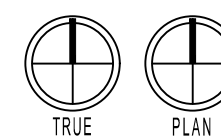
2020 LELLC. All Rights Reserved. These designs / drawings are the sole property of the Engineer, LELLC. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Engineer.

JOB NO.:	2005
PHASE:	PERMIT DRAWINGS
DRAWN:	PL
CHECKED:	PL
DATE:	09/30/2020

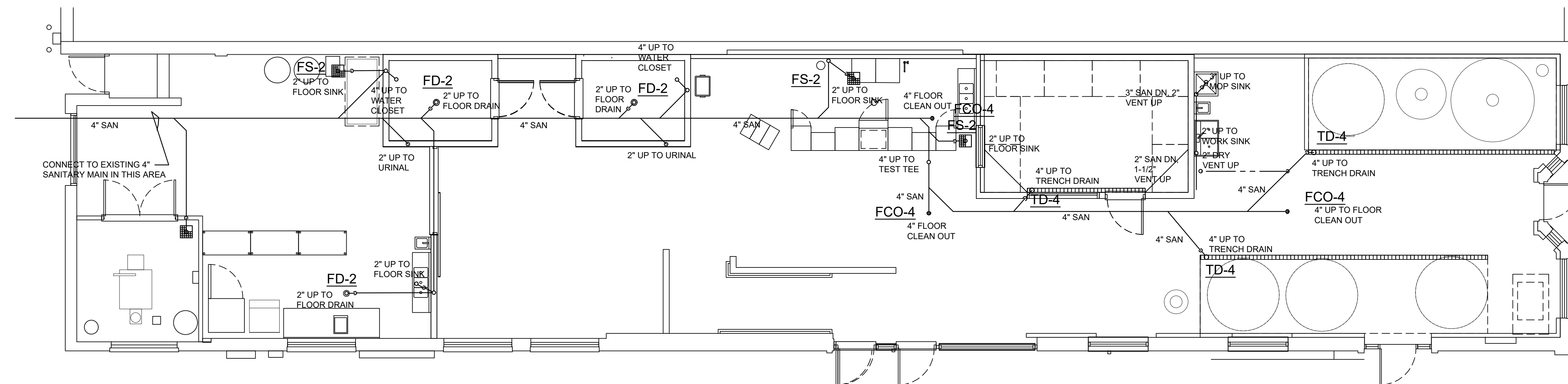
M102
MECHANICAL DETAILS



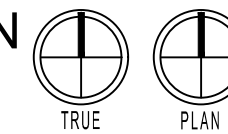
11 PLUMBING FLOOR PLAN
SCALE: 3/16"=1'-0"



GAS PIPING
NOT SHOWN
YET
ALL DCW AND DHW PIPING
TO BE INSULATED WITH 3/4"
FIBERGLASS PRE-FORMED
INSULATION WITH AN ALL
SERVICE JACKET

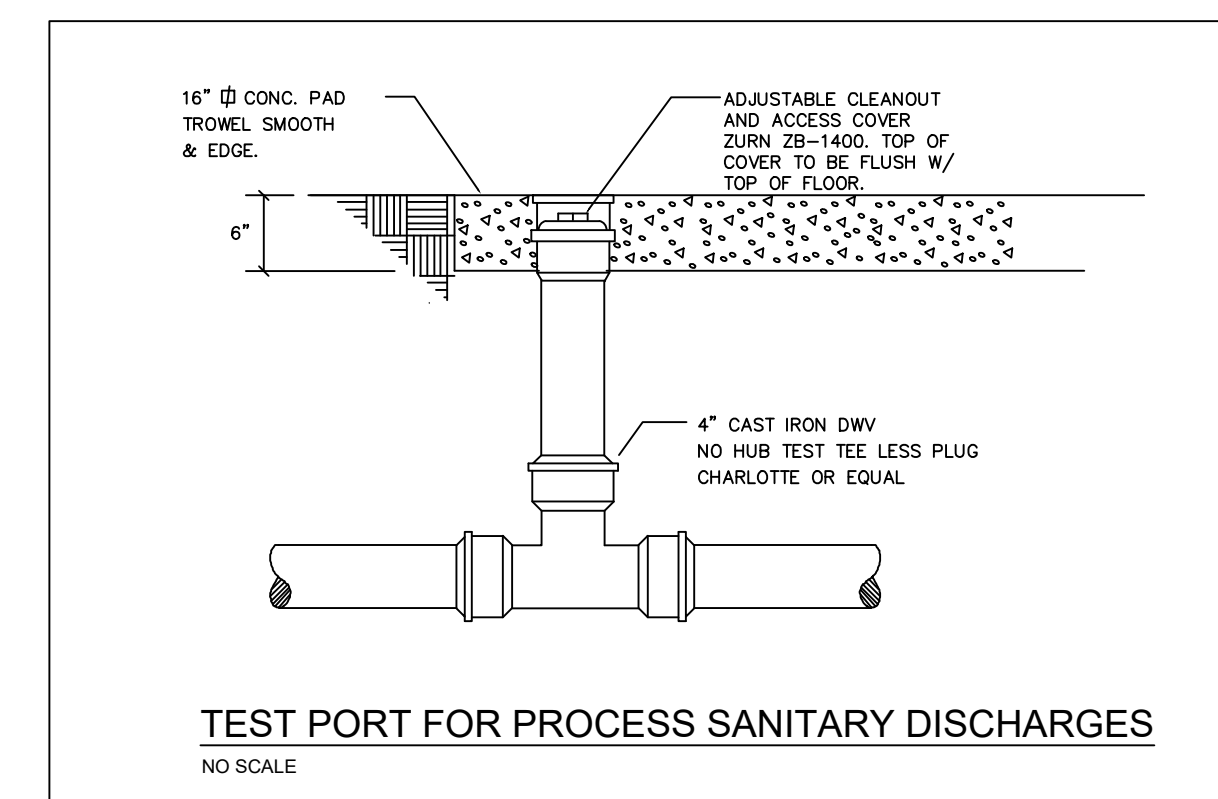


11 UNDERGROUND PLUMBING PLAN
SCALE: 3/16"=1'-0"



PLUMBING NOTES

- 1 ALL WORK SHALL MEET THE REQUIREMENTS OF IPC 2018 AND THE CITY OF LONGMONT.
- 2 PROVIDE SERVICE STOPS FOR EACH WATER CONNECTION TO EACH PLUMBING FIXTURE.
- 3 PROVIDE ADA REQUIRED INSULATED LAVATORY PIPING WITH PROTECTIVE COVERING.
- 4 PROVIDE ANTI SCALD VALVES UNDER LAVATORY'S AND HAND SINKS
- 5 PROVIDE A 1-1/4" REDUCED PRESSURE BACKFLOW PREVENTER MEETING REQUIREMENTS OF LONGMONT WATER DEPARTMENT.



PLUMBER TO SCOPE
SANITARY MAIN TO
DETERMINE DEPTH. CONNECT
TO (EX) UNDER FLOOR NEAR
WEST END. IF NOT DEEP
ENOUGH TO MAINTAIN 1/8" PER
FOOT PITCH THROUGHOUT
SYSTEM THEN COORDINATE
WITH LONGMONT SANITARY
DEPARTMENT AND CONNECT
TO (EX) UNDER ALLEY TO THE
WEST.

NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com

LEMESSURIER
ENGINEERING
LLC

2835 KENYON CIR
BOULDER, CO 80305
(303) 588-0071

peter@
lemessurierengineering.com

DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501



2020 LELLC. All Rights Reserved. These
designs / drawings are the sole property of the
Engineer, LELLC. They may not be reproduced
in any form, by any method, for any purpose
without previous written permission from the
Engineer.

JOB NO.:	2005
PHASE:	PERMIT DRAWINGS
DRAWN:	PL
CHECKED:	PL
DATE:	09/30/2020

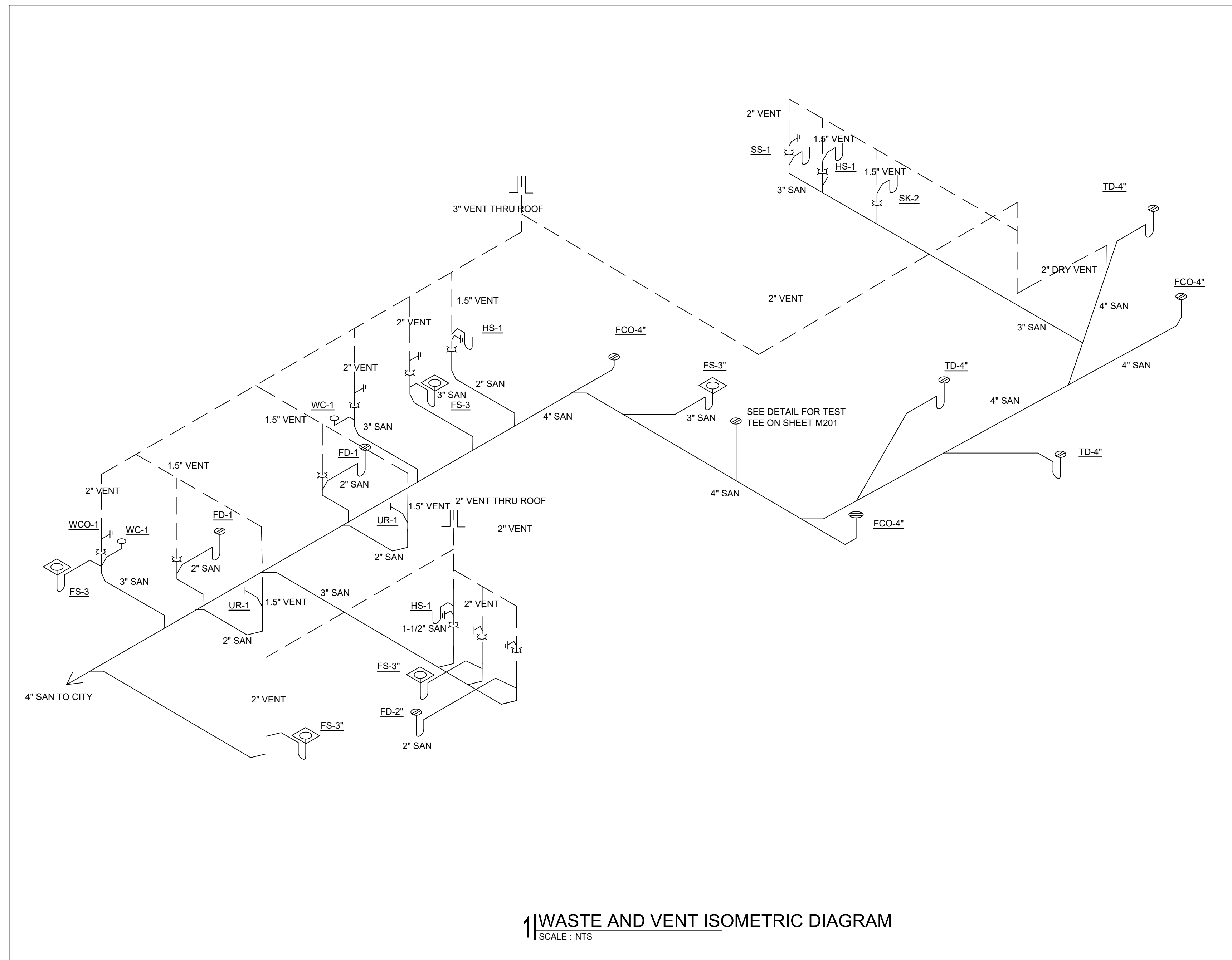
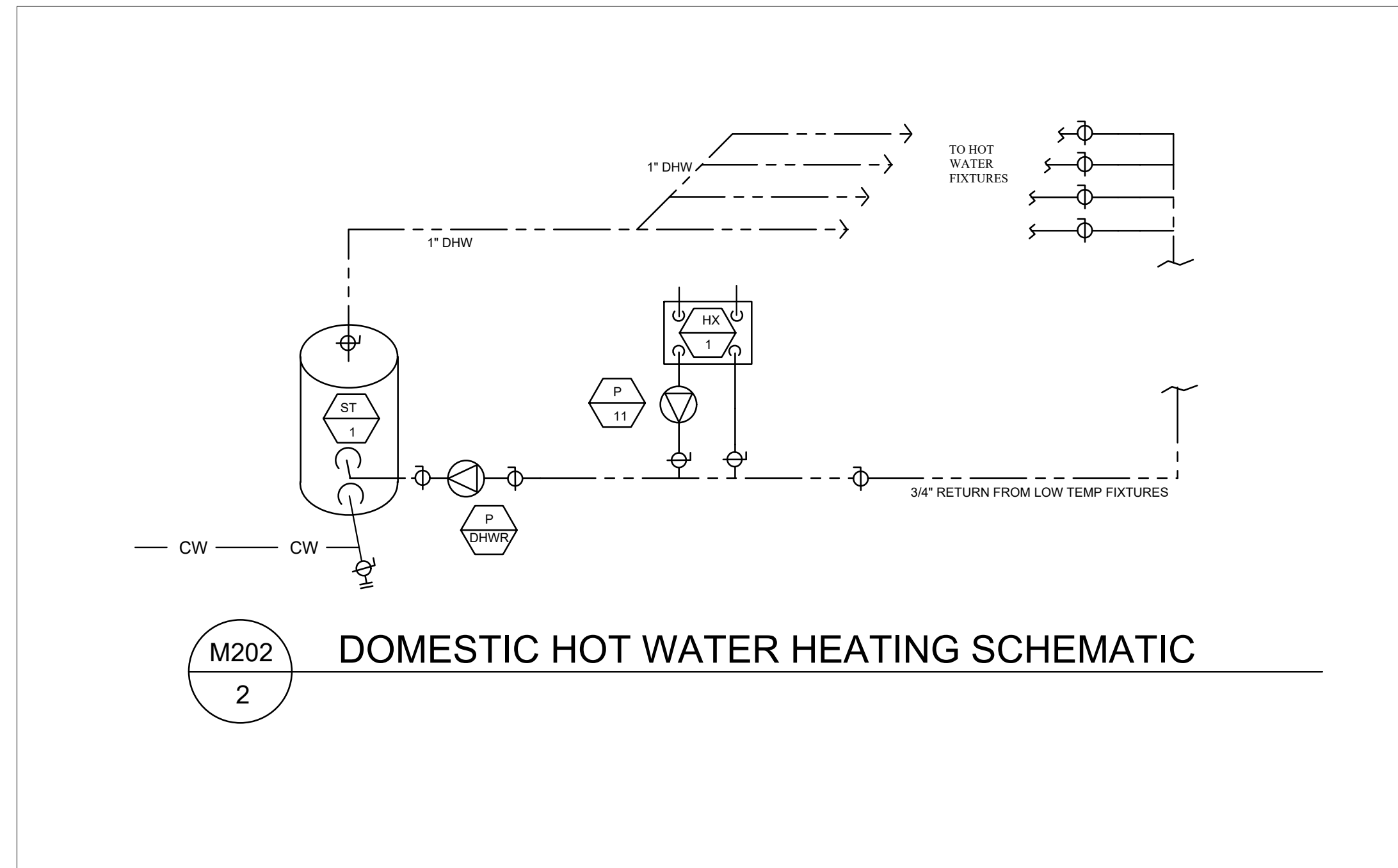
M201
PLUMBING PLAN

PLUMBING FIXTURE SCHEDULE

PLAN MARK	WASTE	VENT	CW	HW	DESCRIPTION
WC-1	4	2	3/4	-	ADA WATER CLOSET: AMERICAN STANDARD MADERA #3043.102 OR SIMILAR. FLOOR MOUNTED, FLUSHOMETER TANK, VITREOUS CHINA, ELONGATED BOWL, 17 1/4" HIGH, SIPHON JET, 1.6 GPF, FULLY GLAZED 2" TRAPWAY, 1 1/2" TOP SPUD, 10" ROUGH-IN AND WALL ESCUTCHEON PLATE. TOILET SEAT: OLSONITE #95SS-FR. OPEN FRONT, LESS COVER, HIGH IMPACT SOLID PLASTIC, COMMERCIAL WEIGHT STAINLESS STEEL HINGE POSTS AND SELF SUSTAINING CHECK HINGES.
UR-1	2	2	3/4	-	URINAL: WATERLESS, TOTO OR EQUAL. WALL HUNG, VITREOUS CHINA, 2" BACK OUTLET, WALL HANGERS, AND INTEGRAL STRAINER.
LAV-1	2	2	1/2	1/2	WALL HUNG LAVATORY: AMERICAN STANDARD #0356.421 OR SIMILAR. VITREOUS CHINA, 20X18 WALL HUNG LAVATORY, FRONT OVERFLOW, FITTING LEDGE, SEALANT, SINGLE FAUCET HOLE. FAUCET: CHICAGO #2201-XK-E2605 OR SIMILAR. SINGLE HANDLE, CAST BRASS BODY, CERAMIC DISC CARTRIDGE, ADJUSTABLE HOT WATER LIMIT STOP AND VOLUME CONTROL, 4 3/4" SPOUT, 0.5 GPM AERATOR, FLEXIBLE TUBE WATER SUPPLY LINES, LOOSE KEY ANGLE STOPS, OPEN GRID DRAIN WITH 1 1/4" X 6, 18 GAGE SEAMLESS BRASS TAIL PIECE AND TRUEBRO TRAP WRAP OR SIMILAR.
SK-1	2	2	1/2	1/2	1-COMPARTMENT WALL HUNG HAND SINK: ELKAY 3ELV-2219 OR SIMILAR. 22X19X6 1/4 ONE COMPARTMENT SINK, 18 G #302 STAINLESS STEEL, SELF RIMMING LEDGE, THOROUGHLY SOUND DEADENED, 3-HOLE PUNCH 4" ON CENTER. FAUCET: ELKAY LK-4121 GOOSENECK WITH SINGLE LEVER FAUCET OR SIMILAR. 1 1/4" SEAMLESS BRASS TAIL PIECE, STRAINER, ANGLE STOPS, FLEXIBLE TUBE SUPPLY LINES AND ESCUTCHEONS.
SK-2	2	2	1/2	1/2	1-COMPARTMENT SINK: ELKAY D-12521 OR SIMILAR. 25X22X6 1/2" DEEP ONE COMPARTMENT SINK, 18 G #302 STAINLESS STEEL, SELF RIMMING LEDGE, THOROUGHLY SOUND DEADENED, 3-HOLE PUNCH 4" ON CENTER. FAUCET: ELKAY #4301 KITCHEN FAUCET WITH SINGLE LEVER FAUCET OR SIMILAR. CERAMIC DISC CARTRIDGE, LOW PROFILE 10" SPOUT, SINGLE LEVER HANDLE, 2.0 GPM AERATOR, 8" COVER PLATE, 3 1/2" STAINLESS STEEL BASKET STRAINER, 1 1/2" 17G CAST BRASS P-TRAP WITH CLEANOUT, WALL ESCUTCHEON, FLEXIBLE TUBE SUPPLY LINES AND COMPRESSION TYPE ANGLE STOPS. GARBAGE DISPOSER: IN-SINK AERATOR BADGER 5XP. 3/4 HP, 120/1/60, WITH DISHWASHER DRAIN CONNECTION. PROVIDE DISHWASHER DRAIN AIR GAP FIXTURE.
SK-3	2	2	1/2	1/2	2-COMPARTMENT SINK: ELKAY D-23322 OR SIMILAR. 33X22X6 1/2" DEEP TWO COMPARTMENT SINK, 18 G #302 STAINLESS STEEL, SELF RIMMING LEDGE, THOROUGHLY SOUND DEADENED, 3-HOLE PUNCH 4" ON CENTER. FAUCET: ELKAY #4301 KITCHEN FAUCET WITH SINGLE LEVER FAUCET OR SIMILAR. CERAMIC DISC CARTRIDGE, LOW PROFILE 10" SPOUT, SINGLE LEVER HANDLE, 2.0 GPM AERATOR, 8" COVER PLATE, 3 1/2" STAINLESS STEEL BASKET STRAINER, 1 1/2" 17G CAST BRASS P-TRAP WITH CLEANOUT, WALL ESCUTCHEON, FLEXIBLE TUBE SUPPLY LINES AND COMPRESSION TYPE ANGLE STOPS. GARBAGE DISPOSER: IN-SINK AERATOR BADGER 5XP. 3/4 HP, 120/1/60, WITH DISHWASHER DRAIN CONNECTION. PROVIDE DISHWASHER DRAIN AIR GAP FIXTURE.
SK-4	2	2	1/2	1/2	3-COMPARTMENT SINK: ELKAY MN8300LR OR SIMILAR. CUSTOM 20X24X14 3-COMPT. COMPARTMENT SINK WITH LEFT AND RIGHT 24-INCH DRAIN BOARDS, OVERALL LENGTH OF 103-INCHES, TWO 1 1/2" FAUCET HOLES ON 8" O.C. OVER EACH PARTITION FOR (2) SWING SPOUT FAUCETS, 3 1/2" FROM TOP OF 8" BACKSPASH, 3 1/2" DRAIN OUTLETS IN EACH COMPARTMENT. FAUCET: ELKAY LK66B OR SIMILAR. BACK MOUNTED FAUCET WITH 6" BRASS SWING SPOUT WITH AERATOR, ADJUSTABLE 8" CENTERS, FEMALE 1/2" INLE
SS-1	3	2	1/2	1/2	SERVICE SINK: FIAT #TSB-3000 OR SIMILAR. PRE-CAST TERRAZZO, FRONT DROP, BRASS DRAIN, NICKEL BRONZE STRAINER, STAINLESS STEEL GUARDS ON ALL SIDES. FAUCET: CHICAGO #897 OR SIMILAR. WALL MOUNTED 24" ABOVE TOP LEDGE OF BASIN, ALL BRASS SUPPLY FAUCET, 10" SPOUT WITH WALL BRACE AND PAIL HOOK, 3/4" MALE HOSE THREADED OUTLET AND VACUUM BREAKER, LEVER HANDLES, INTERGRAL STOP ARMS, WALL FLANGES, 1/2" FEMALE THREADED INLETS AND ADJUSTABLE CENTERS.
FD-1	-	2	1/2	-	FLOOR DRAIN: J.R. SMITH #2110 OR ZURN Z550. ROUND CAST IRON BODY WITH FLASHING COLLAR, 6" ROUND NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED SQUARE HOLE GRATE, BOTTOM WASTE OULET AND TRAP PRIMER CONNECTION. AUTOMATIC TRAP PRIMER SMITH MODEL #2699.
FD-2	-	2	1/2	-	FLOOR DRAIN: J.R. SMITH #2110 OR ZURN Z550. ROUND CAST IRON BODY WITH FLASHING COLLAR, MEDIUM DUTY, SHALLOW BODY DRAIN WITH FLASHING COLLAR, TRACTOR TYPE NON-TILT SLOTTED GRATE, BOTTOM WASTE OULET, TRAP PRIMER CONNECTION. AUTOMATIC TRAP PRIMER SMITH MODEL #2699.
FS-1	-	2	-	-	FLOOR SINK: ZURN #Z-1900 OR SIMILAR. 12X12X6 CAST IRON BODY, SANI-FLOOR RECEPTOR WITH SLOTTED MEDIUM DUTY REMOVABLE GRATE, WHITE ACID RESISTING PORCELAIN, ENAMEL INTERIOR AND TOP COMPLETE WITH ALUMINUM ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER, FLASHING COLLAR.
TD-1	-	2	-	-	TRENCH DRAIN: ZURN Z866 OR SIMILAR. PRE-CAST POLYMER CONCRETE, 6" WIDE CHANNEL WITH POLYESTER RESINS, PRE-SLOPE CHANNEL SECTION WITH MINIMUM SLOPE OF 0.60% IN THE CHANNEL BOTTOM, INTERLOCKING SECTIONS, OUTLET OPENINGS AS INDICATED ON THE PLANS, HEAVY DUTY CAST IRON GRATE WITH LOCKING DEVICE, INTERLOCKING END CAPS AT THE END OF EACH DRAINAGE RUN.
HB-1	--	--	3/4	-	HOSE BIBB: ZURN Z-1310 OR SIMILAR. ANTI-SIPHON, AUTOMATIC DRAINING WALL HYDRANT, NON-FREEZE, INTEGRAL BACKFLOW PREVENTER, BRONZE CASING AND INTERIOR PARTS, COMBINATION 3/4" FEMALE OR 1" STRAIGHT IP INLET AND STAINLESS STEEL FACE WITH LOOSE KEY.
IB-2	-	1/2	1/2	-	ICE MAKER BOX: OATEY 38607. CW CONNECTION WITH 1/4 TURN SHUT-OFF VALVE AND WATER HAMMER ARRESTOR. DOWNSPOUT NOZZLE: JAY R. SMITH #1770 OR ZURN Z199. PROVIDE 1/4" HARDWARE MESH OVER OPENING. POLISHED BRONZE BODY AND FLANGE WITH INSIDE THREADED CONNECTION.

- NOTE:
1. CONTRACTOR TO COORDINATE FINAL SELECTIONS OF ALL PLUMBING FIXTURES WITH OWNER PRIOR TO ORDERING.
2. FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER. PROVIDE 12X12 ACCESS PANEL FOR AUTOMATIC TRAP PRIMER.

PLUMBING SCHEDULE
SCALE: NTS



REVISIONS	NO.	DATE	DESCRIPTION



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100

www.designopa.com

LEMESSURIER ENGINEERING LLC
2835 KENYON CIR
BOULDER, CO 80305
(303) 588-0071

peter@lemessurierengineering.com

DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501



2020 LELLC. All Rights Reserved. These designs / drawings are the sole property of the Engineer, LELLC. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Engineer.

JOB NO.:	2005
PHASE:	PERMIT DRAWINGS
DRAWN:	PL
CHECKED:	PL
DATE:	09/30/2020

M202
M & P DETAILS

NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100
www.designopa.com

LEMESSURIER
ENGINEERING
LLC
2835 KENYON CIR
BOULDER, CO 80305
(303) 588-0071
peter@
lemessurierengineering.com

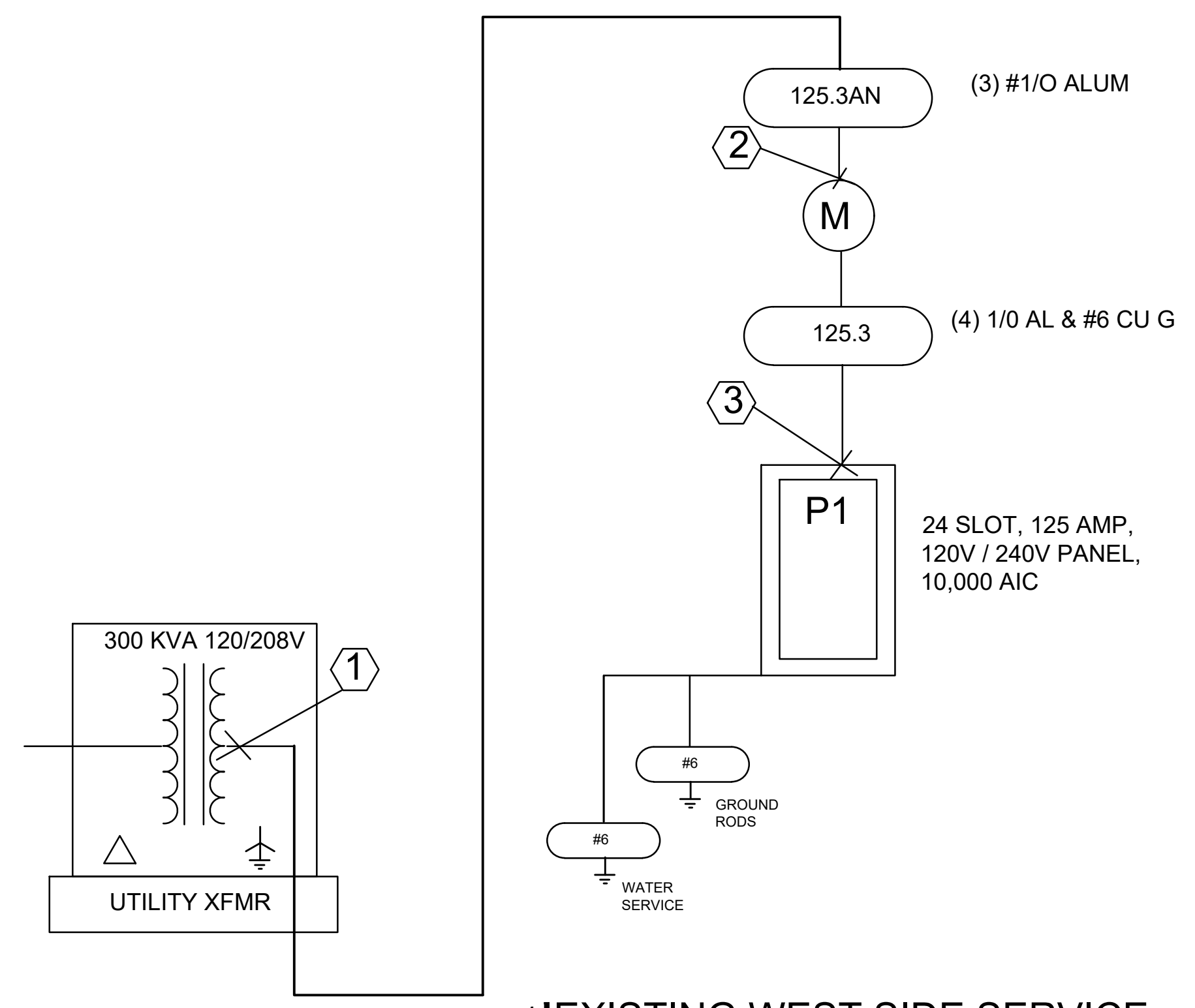
DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501



2020 LELLC. All Rights Reserved. These designs / drawings are the sole property of the Engineer, LELLC. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Engineer.

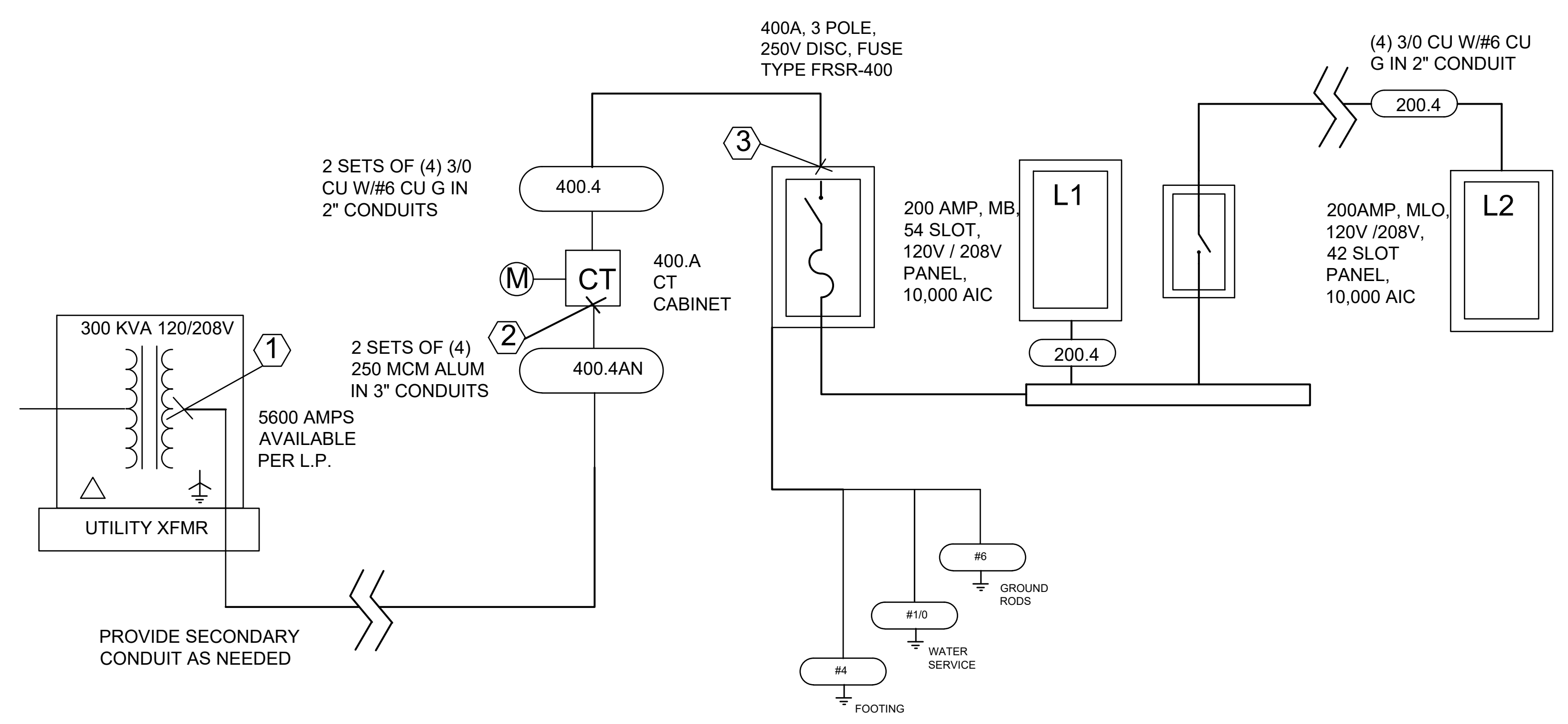
JOB NO.:	2005
PHASE:	PERMIT DRAWINGS
DRAWN:	PL
CHECKED:	PL
DATE:	09/30/2020

E100
ELECTRICAL ONE LINE

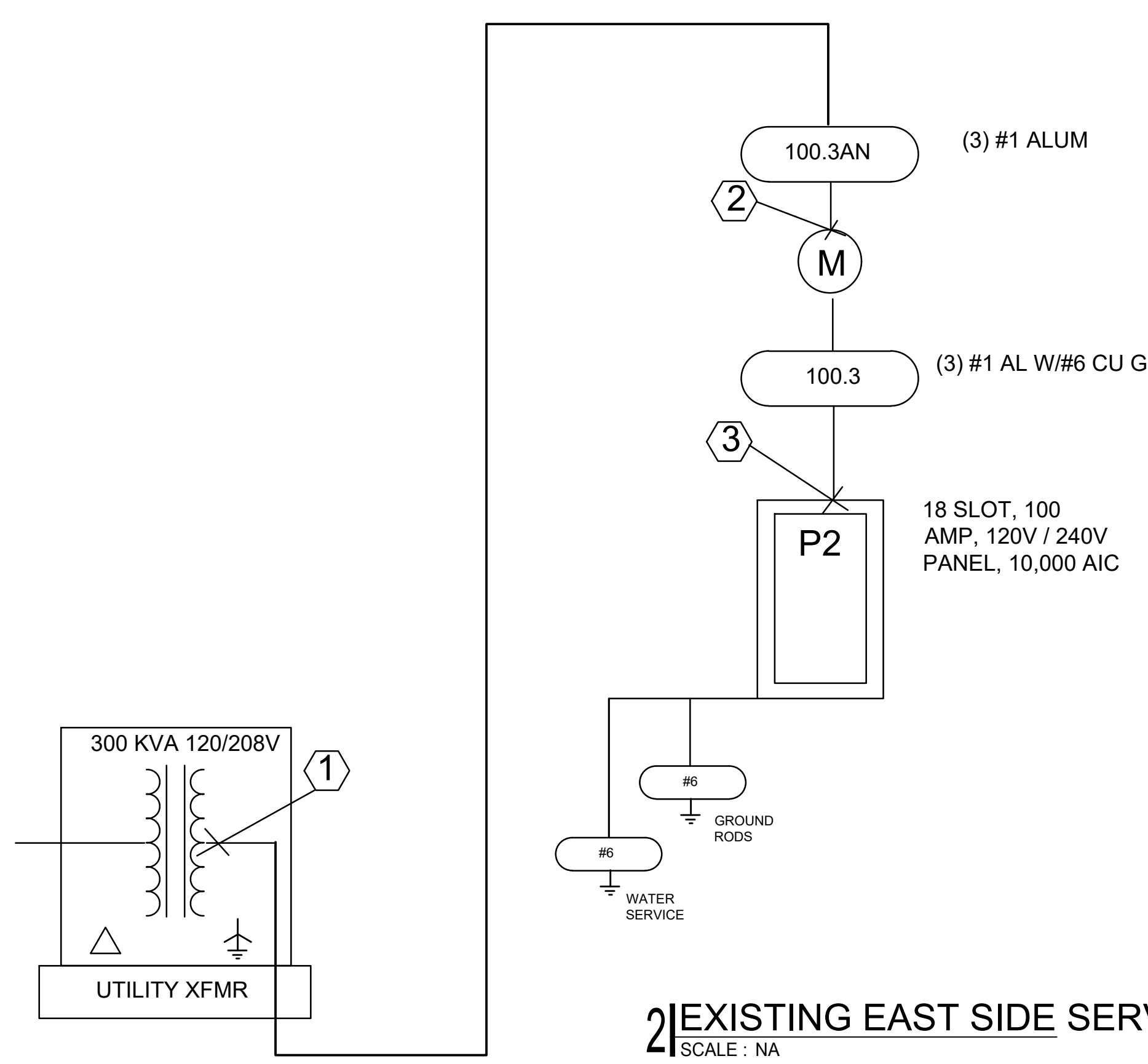


1 EXISTING WEST SIDE SERVICE
SCALE : NA

TO BE
DEMOLISHED



1 PROPOSED NEW SERVICE
SCALE : NA



2 EXISTING EAST SIDE SERVICE
SCALE : NA

TO BE
DEMOLISHED

NO.	DATE	DESCRIPTION	BY



7010 Easy Wind Dr. Ste 200
Austin, TX 78752
512.899.3100
www.designopa.com

LEMESSURIER
ENGINEERING
LLC
2835 KENYON CIR
BOULDER, CO 80305
(303) 588-0071
peter@lemessurierengineering.com

DRY LAND DISTILLERS
519 MAIN ST.
LONGMONT, CO 80501



2020 L.E.L.L.C. All Rights Reserved. These designs / drawings are the sole property of the Engineer, L.E.L.L.C. They may not be reproduced in any form, by any method, for any purpose without previous written permission from the Engineer.
JOB NO.: 201946
PHASE: PERMIT DRAWINGS
DRAWN: PL
CHECKED: PL
DATE: 09/30/2020

E202
REFLECTED CEILING PLAN

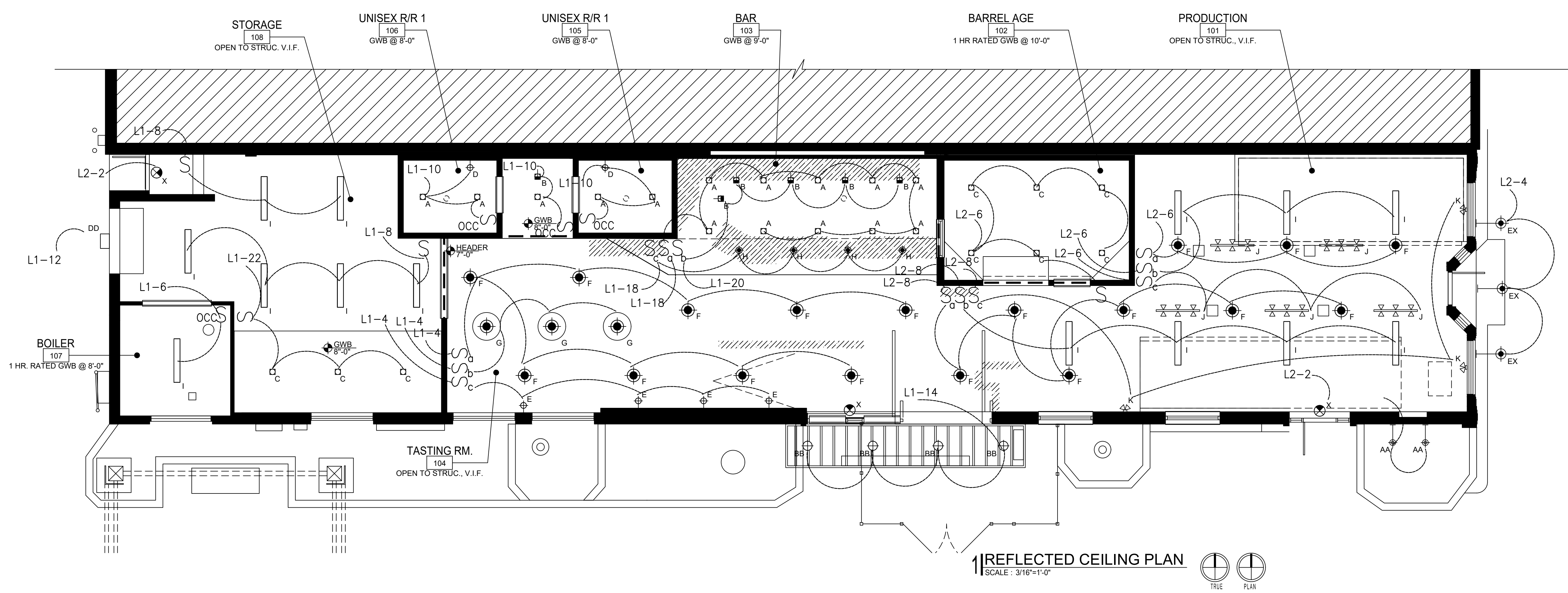
KEY

EB EMERGENCY LIGHT, BATTERY BACKED
S LIGHT SWITCH
S_{OCC} OCCUPANCY SENSOR LIGHT SWITCH
S₃ 3 WAY LIGHT SWITCH

NOTE: ALL OCCUPANCY SENSOR CONTROLS SHALL MEET THE REQUIREMENTS OF IECC 2018 AND THE CITY OF LONGMONT REQUIREMENTS

LIGHTING SCHEDULE

TAG	DESCRIPTION	# OF LAMPS	W/LAMP	W/FIXTURE	CRI	LUMENS	VOLTS
A	RECESSED CAN FIXTURE	1	23	23	TBD	TBD	120
B	RECESSED DIRECTIONAL CAN FIXTURE	1	23	23	TBD	TBD	120
C	RECESSED CAN FIXTURE, LOW VOLTAGE	1	15	15	TBD	TBD	24 VDC
D	WALL SCONCE (RESTROOM)	1	15	15	TBD	TBD	120
E	WALL SCONCE (TASTING RM.)	1	15	15	TBD	TBD	120
F	PENDANT FIXTURE (GENERAL LIGHTING)	1	27	27	TBD	TBD	120
G	CHANDELIER FIXTURE	12	9	108	TBD	TBD	120
H	PENDANT FIXTURE (BAR)	1	23	23	TBD	TBD	120
I	STRIP FIXTURE	1	24	24	TBD	TBD	120
J	TRACK FIXTURE (4' TRACK - MULTIPLE HEADS)	3	15	45	TBD	TBD	120
K	VERTICAL TRACK FIXTURE (2' TRACK - 2 HEADS)	2	15	30	TBD	TBD	120
X	EXIT SIGN	1	4	4	TBD	TBD	120
AA	EXTERIOR ARM MOUNTED SIGNAGE PENDANT	1	27	27	TBD	TBD	120
BB	EXTERIOR SURFACE MTD. FIXTURE	1	100	100	TBD	TBD	120
CC	EXTERIOR TREE STRING LIGHTING	1	20	20	TBD	TBD	120
EX	EXISTING EXTERIOR ARM MTD. PENDANT	1	27	27	TBD	TBD	120



REFLECTED CEILING PLAN
SCALE: 3/16"=1'-0"

