

### LIFE-SAFETY INFORMATION

APPLICABLE CODES FOR AREAS OF IMPROVEMENT	
NFPA 101 LIFE-SAFETY CODE 2012	
OCCUPANCY INDUSTRIAL AND BUSINESS, SEPARATED USE; CONSTRUCTION TYPE II B	
INDUSTRIAL (CHAPTER 40)	BUSINESS (CHAPTER 34)
OCCUPANT LOAD FACTOR (REFERENCE CHAPTER 6)	
(REFERENCE TABLE 7.3.1.2)	
INDUSTRIAL	23,951 S.F./ 100 SF PER OCCUPANT = 239 OCCUPANTS
BUSINESS	2,781 S.F./ 100 SF PER OCCUPANT = 27 OCCUPANTS
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.9.2.1.2 AND COMMENTARY TABLE B.1 IN HANDBOOK)	
II(B)	
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS (REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)	
INDUSTRIAL - 1/2 DIAGONAL = 134.4 FT.	BUSINESS - SINGLE EXIT REQUIRED
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
B = 50 FT; INDUSTRIAL = 50 FT	
MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
B = 75 FT; INDUSTRIAL = 50 FT	
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
B=100 FT; INDUSTRIAL=200 FT	
EXTINGUISHMENT REQUIREMENTS (SPRINKLER (NOT REQUIRED))	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS NO	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

### BUILDING CODE INFORMATION

APPLICABLE CODES: IBC FOR EXISTING CONSTRUCTION AND IBC 2012 FOR NEW AREAS	
LOW-HAZARD FACTORY F-2	4 BUSINESS GROUP B CHAPTER 3 (TABLE 1004.1.2)
LOW-HAZARD FACTORY F-2 = 23,951 SQ. FT.	100 SF PER OCCUPANT (GROSS) 239 OCCUPANTS
BUSINESS AREAS = 2,781 SQ. FT.	100 SF PER OCCUPANT (GROSS) 27 OCCUPANTS
CONSTRUCTION TYPE(S): II B (SECTION 503) (TABLE 503)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)	
B 4 F-2: 9 STORIES FOR TYPE IIB CONSTRUCTION	
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	
B 4 F-2: 23,000 S.F. FOR TYPE IIB CONSTRUCTION	
SEPARATION OF OCCUPANCIES, TBL 508.4 BUSINESS TO LOW-HAZARD FACTORY = 2HR	
EXISTING BUILDING SIZE = 26,084 S.F.	ADJUSTED ALLOWABLE MAXIMUM AREA = 38,640 S.F.
SPRINKLER: NOT REQUIRED EXIT ACCESS TRAVEL DISTANCE FOR F-2 = 300 FT & B = 200FT	

### ALLOWABLE BLDG AREA INCREASE

IBC SEC 506

$A_t = 23,000$  S.F.

$I_f = (F/P - 0.25) \times W/30$

$F = 0.295$ ;  $P = 0.295$ ;  $W = 27$ ft

$I_f = ((0.295/0.295) - 0.25) \times (27/30)$

$I_f = 0.68$

$A_a = [A_t + (A_t \times I_f) + (A_t \times 15)]$

$A_a = [23,000 + (23,000 \times 0.68)]$

$A_a = 38,640$  S.F.

### WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:

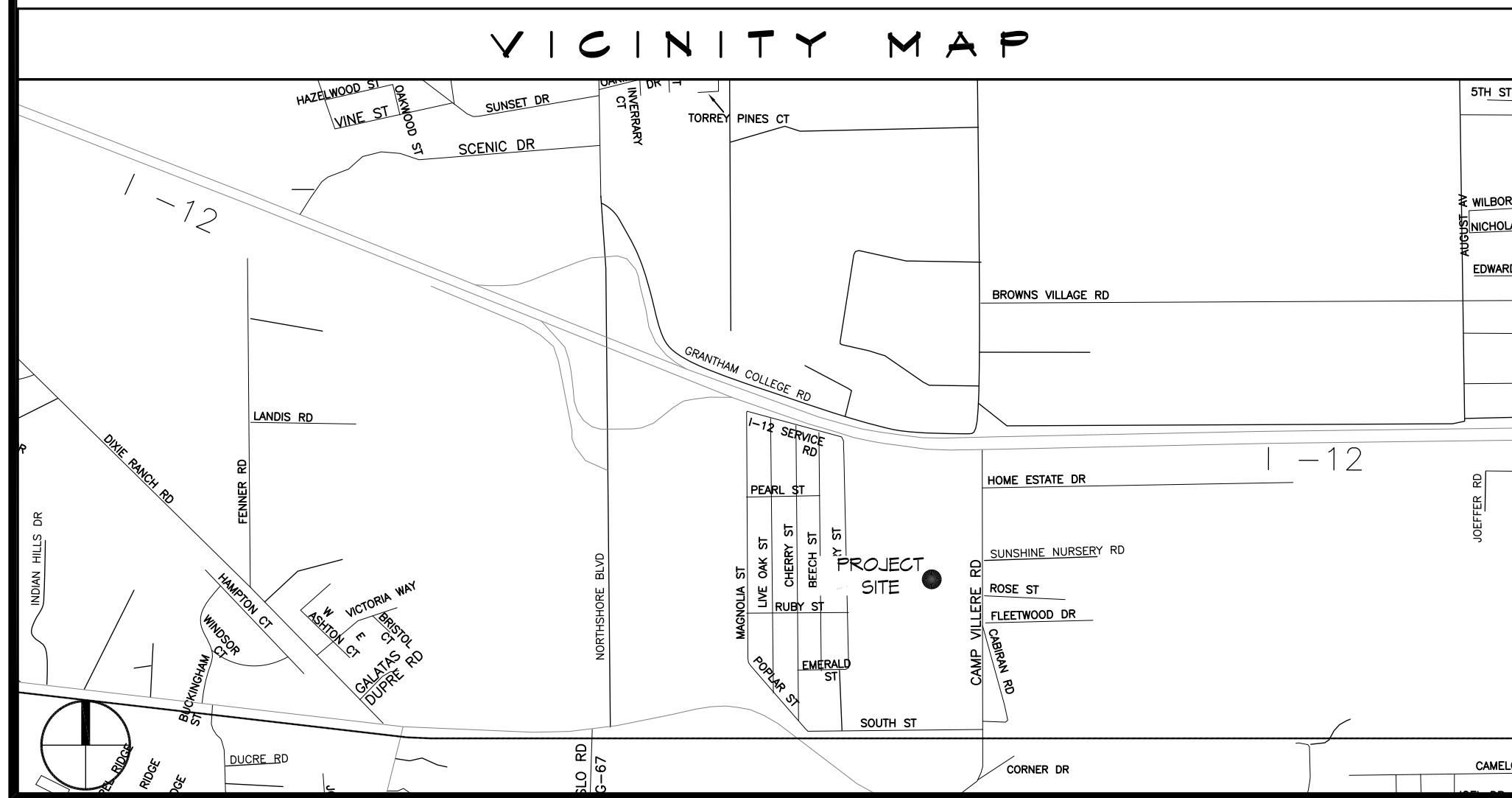
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY

V ULTIMATE WIND SPEED (3 SECOND GUST) =	140 MPH
V NOMINAL WIND SPEED (1609.3.1)	108 MPH
RISK FACTOR:	CATEGORY II BLDG SURFACE ROUGHNESS = B
TOPOGRAPHIC FACTOR =	1 EXPOSURE = B
DESIGN WIND PRESSURE (ASCE 7-10 TABLE 28.6-1):	34.7 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	+ 0.18
LIVE LOADS (IBC SEC 1607)	
STORAGE, LIGHT (IBC TABLE 1607.1):	125 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED
SNOW LOADS (IBC SEC 1608 & ASCE SEC 7):	
GROUND SNOW LOAD (IBC FIG 1608.2) & RAIN-ON-SNOW SURCHARGE (ASCE 7 SEC 7.10):	5 PSF

### FLOOD ZONE INFORMATION

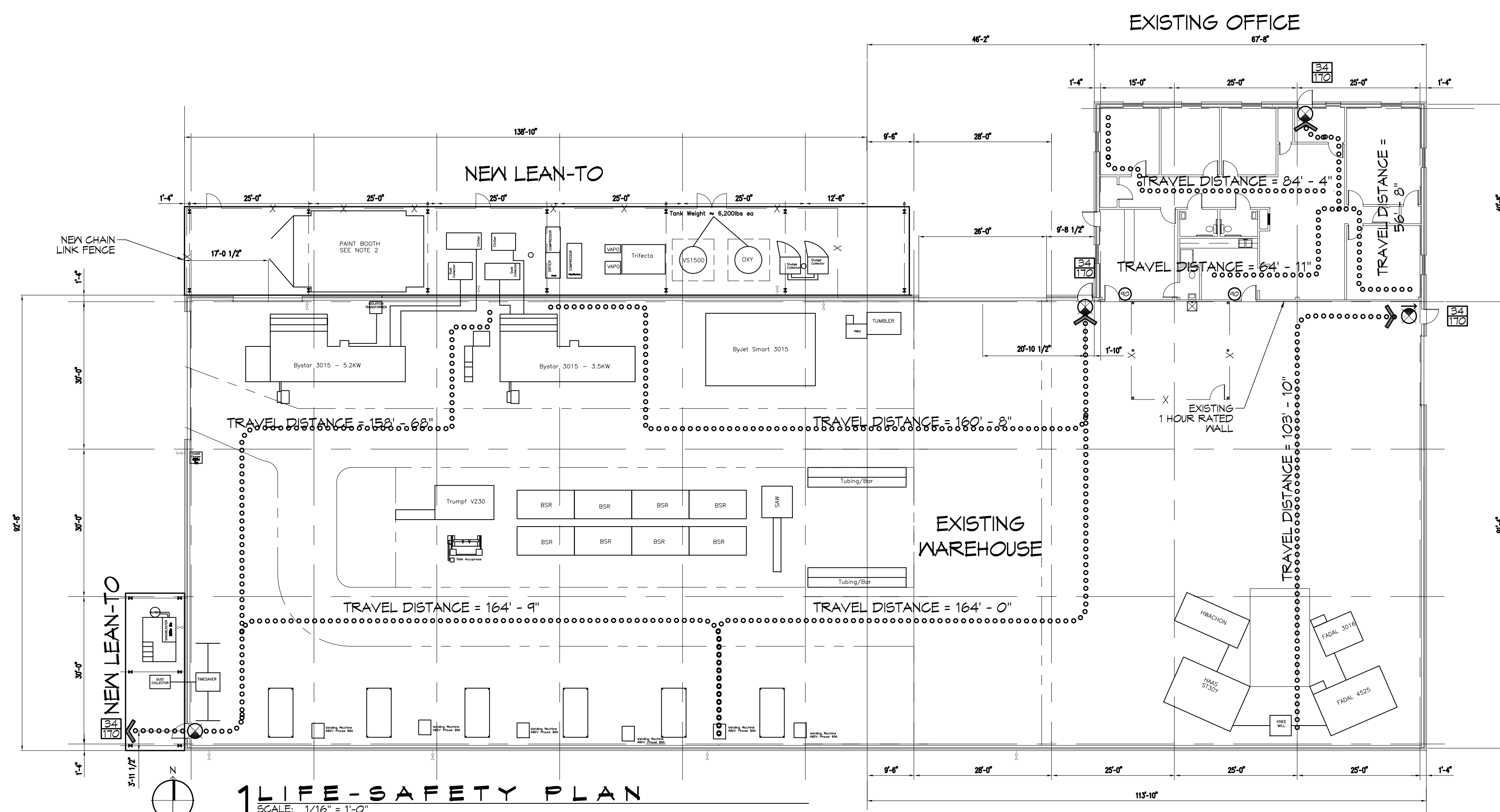
BASED ON THE SURVEY OF THIS PROPERTY ?? THIS PROPERTY ?? SPECIAL FLOOD HAZARD AREA: F.I.R.M. COMMUNITY MAP NO 225205 0415 G; REVISED 4/02/91

FLOOD ZONE: C	BASE FLOOD ELEVATION: N/A NGVD
ELEVATIONS REFER TO NGVD 1929 DATUM	



# ALLIANCE LASER

## 60207 CAMP VILLERE RD SLIDELL, LA 70460



### LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT

### DETAILED BUILDING REQUIREMENTS

- THE DESIGN, FABRICATION AND ERECTION OF MAFRS STRUCTURAL STEEL FOR BUILDINGS AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (LRFD) OR AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN (ASD).
- THE DESIGN OF THE BUILDING ENVELOPE FOR THIS PROJECT SHALL BE DESIGNED AS OPEN BUILDING. THIS STRUCTURE SHALL MEET THE REQUIREMENTS FOR WIND LOADS SHOWN ON THIS SHEET UNDER WIND SPEED DESIGN REQUIREMENTS.
- ROOF COVERING SHALL BE DESIGNED TO WITHSTAND THE PRESSURES DETERMINED IN ACCORDANCE WITH 2010 ASCE 7.
- COMPONENTS AND CLADDING SHALL BE DESIGNED TO WITHSTAND THE PRESSURES DETERMINED IN ACCORDANCE WITH 2010 ASCE 7.
- EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE-RESISTING COMPONENT OF THIS BUILDING SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF THE WORK ON THAT COMPONENT. (IBC 1704.4)

### GENERAL NOTES

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS. CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

PROJECT STATISTICS		SHEET INDEX	
SQUARE FOOTAGE		SHEET #	SHEET TITLE
EXISTING BUILDING	26,084 S.F.	G101	GENERAL INFORMATION SHEET
TOTAL ENCLOSED SPACE	26,084 S.F.	G102	ACCESSIBILITY INFORMATION
PROJECT INFORMATION:		C101	SITE PLAN
60207 CAMP VILLERE ROAD		C102	DEMO & DRAINAGE PLAN
SLIDELL, LA 70460		S101	FOUNDATION PLAN
ORIGINAL CONSTRUCTION 2005		A101	FLOOR PLAN
OWNER:		A102	ELEVATIONS AND SECTION
ALLIANCE LASER		M101	MECHANICAL PLAN
DUANE STIMENS		E101	ELECTRICAL POWER PLAN
220 STRAWBERRY ST.		E102	ELECTRICAL LIGHTING PLAN
SLIDELL, LA 70460		E103	ELECTRICAL CIRCUIT PANELS & ONE LINE DIAGRAM
duane@alliancelaser.net			
(985) 634-0005			

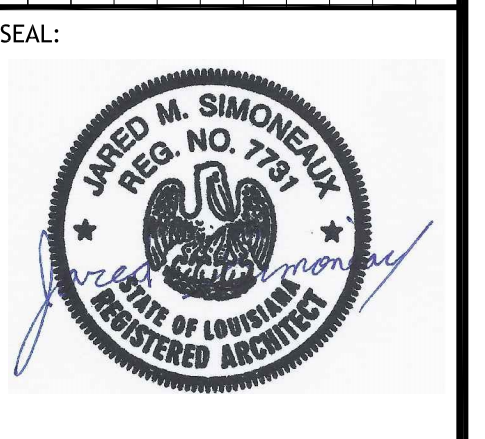
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REVISIONS	DATE
#	DESCRIPTION



### RENOVATIONS AND ADDITIONS FOR

# ALLIANCE LASER

60207 CAMP VILLERE ROAD  
SLIDELL, LA 70460

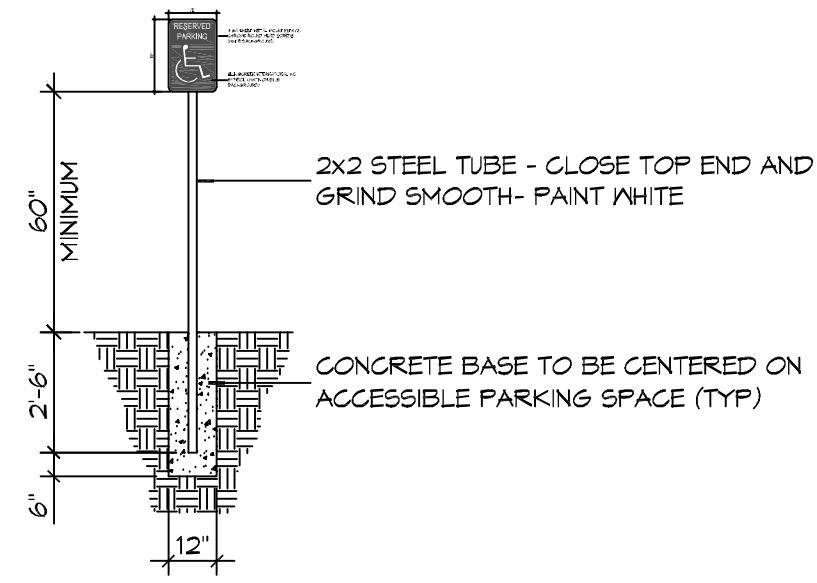
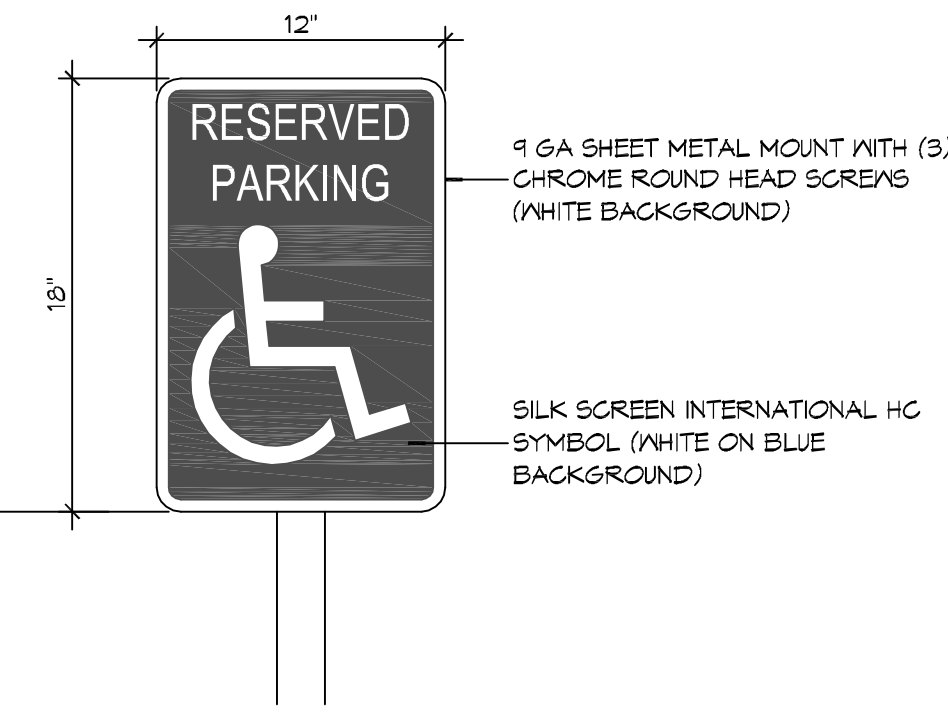
JOB No: 2298 DATE: 01-17-17  
DRAWN BY: GSKD/JTL CHECKED BY: JMS

SHEET TITLE:  
GENERAL INFORMATION SHEET

DRAWING NUMBER:  
**G101**

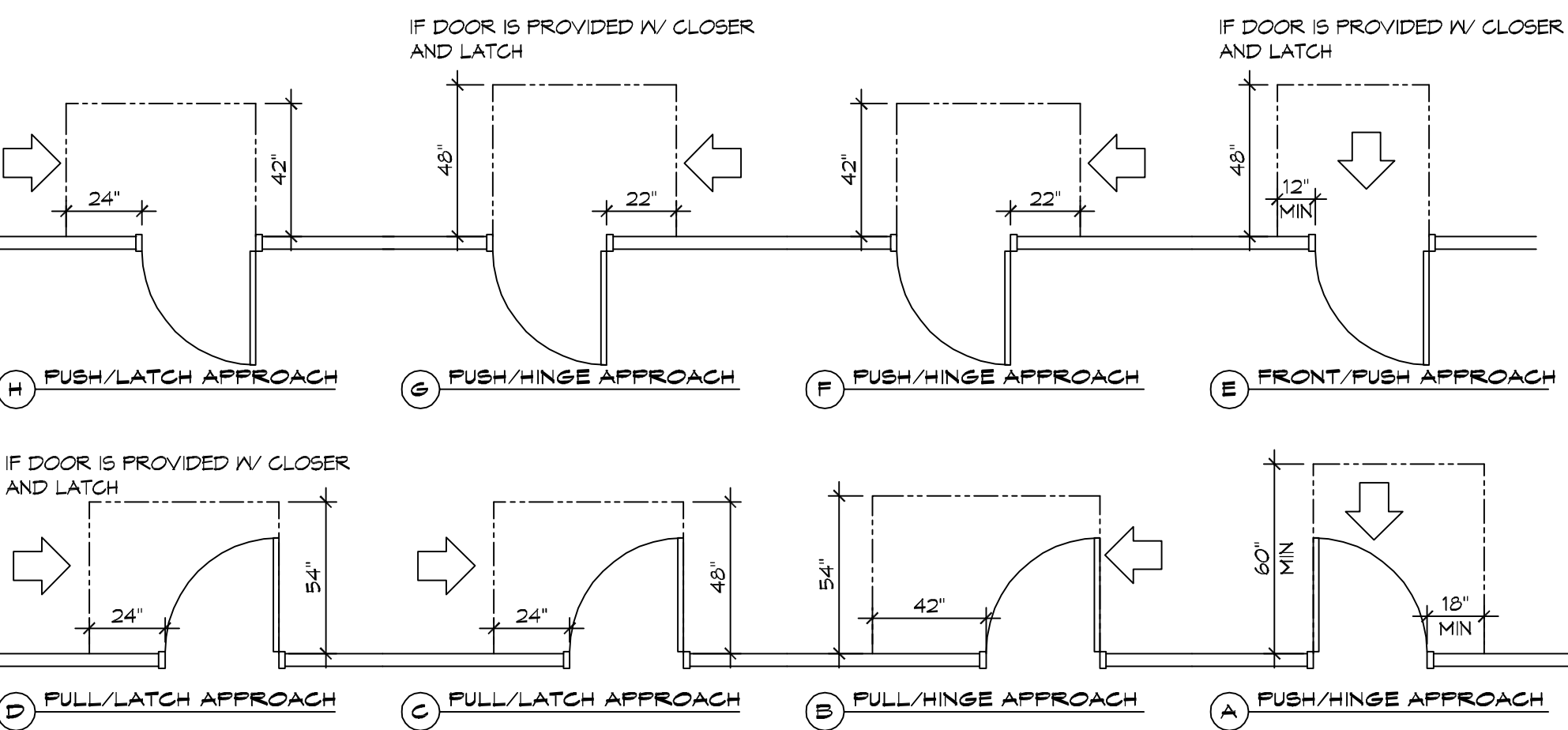
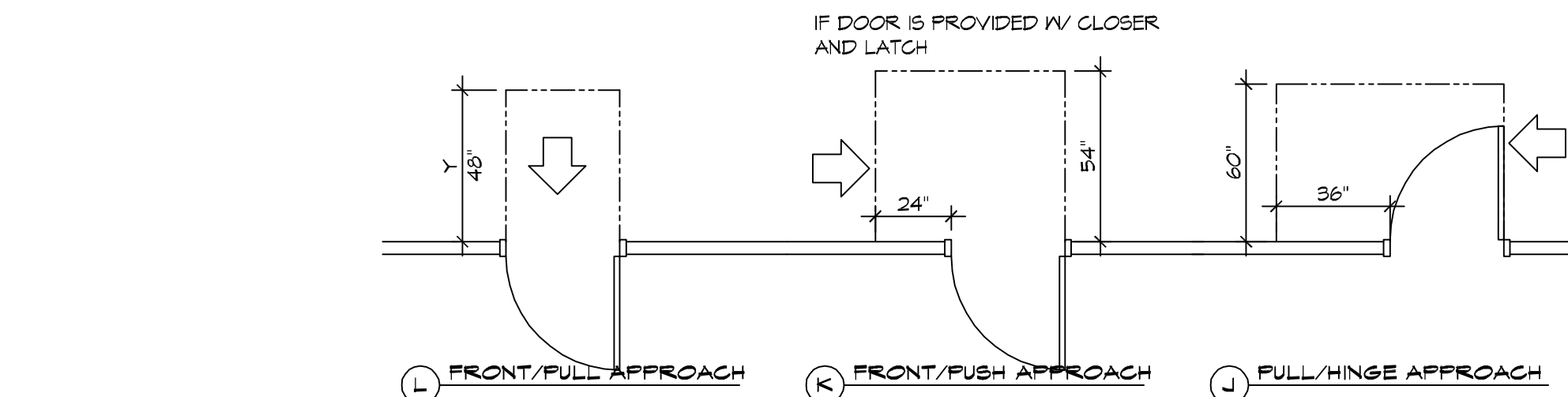
SHEET No: 1 of 10

FILE NAME: A:\INDUSTRIAL\0353\0353 - Access (User:Dammon) Drawing: 0353 - 0353.dwg DATE: 08/21/2018 10:51:17 AM



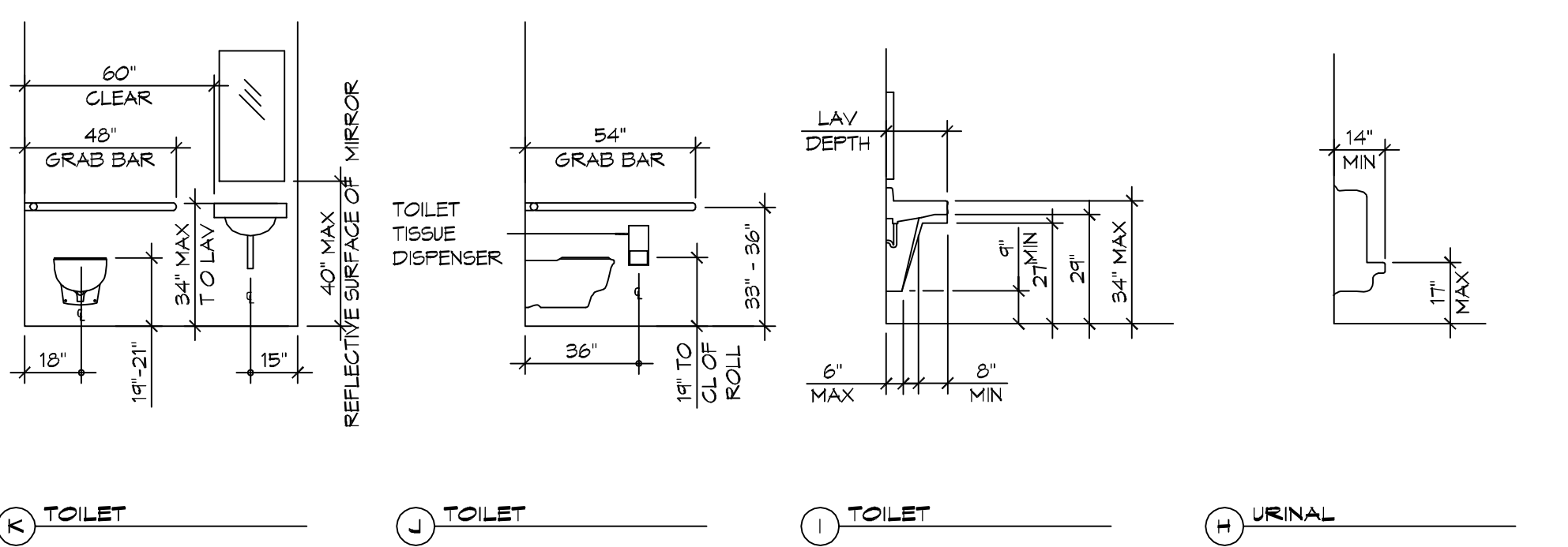
### 5 ACCESSIBLE SIGN

SCALE: NTS



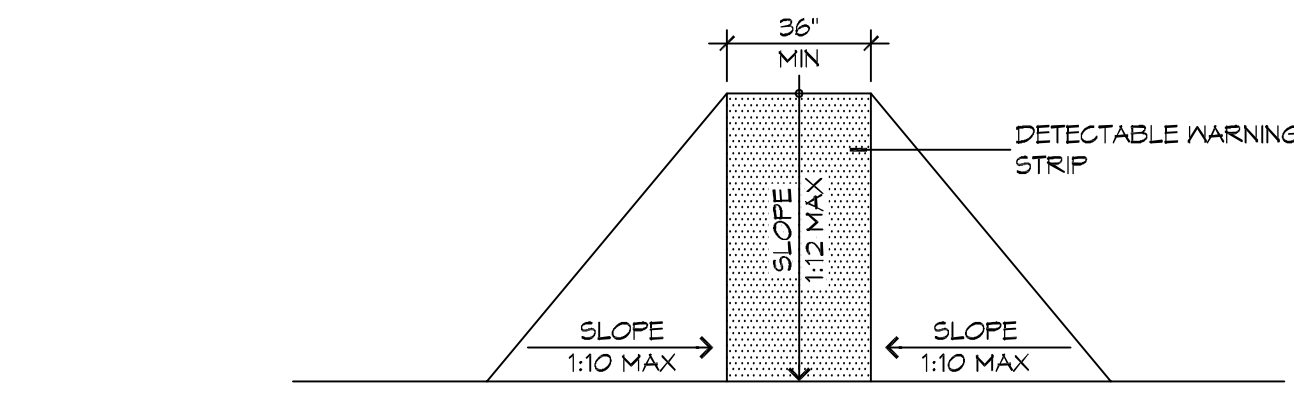
### 3 ADA DOOR CLEARANCES

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

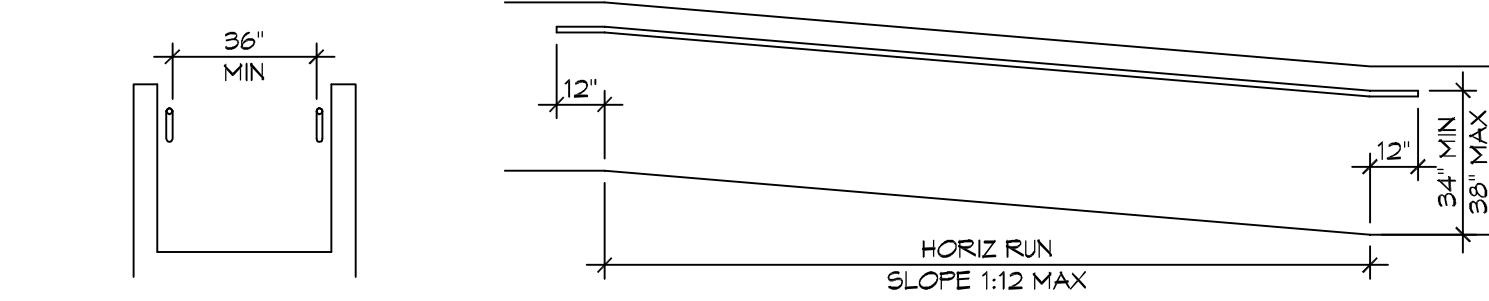


### 1 MOUNTING HEIGHTS

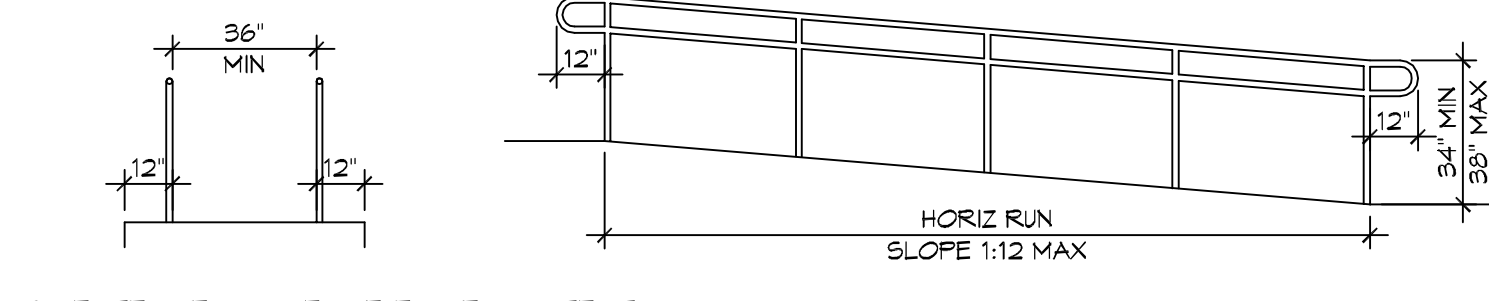
SCALE: 1/4" = 1'-0"



F FLARED RAMPS



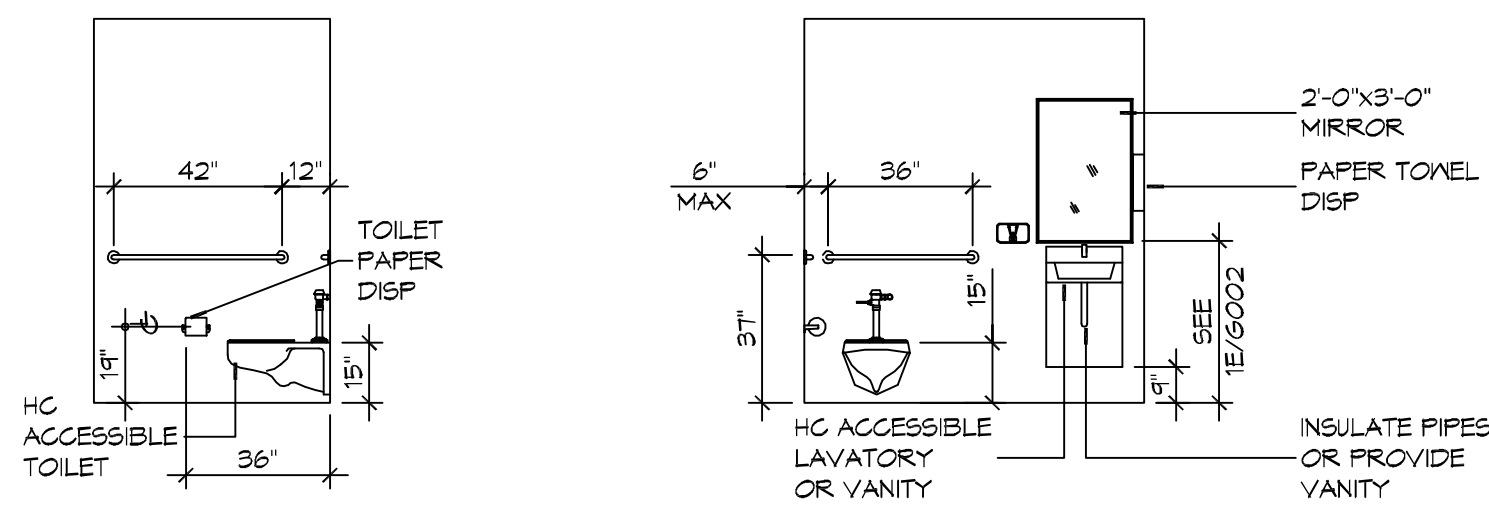
D WALL EDGE PROTECTION



B EXTENDED SURFACE EDGE PROTECTION

### 4 ACCESSIBLE RAMPS

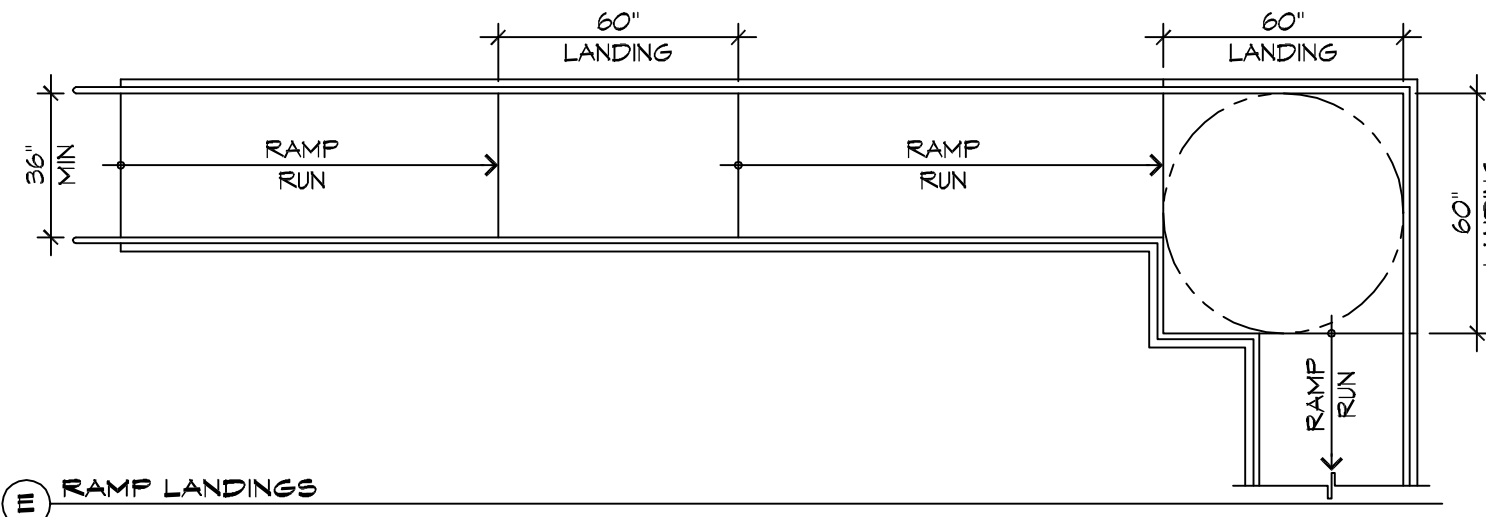
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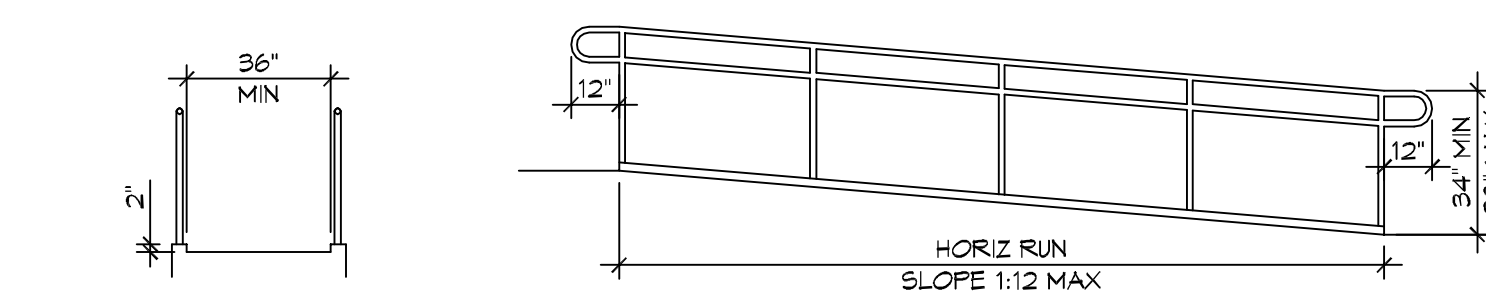
D INTERIOR ELEVATION

### 2 RESTROOM CLEARANCES

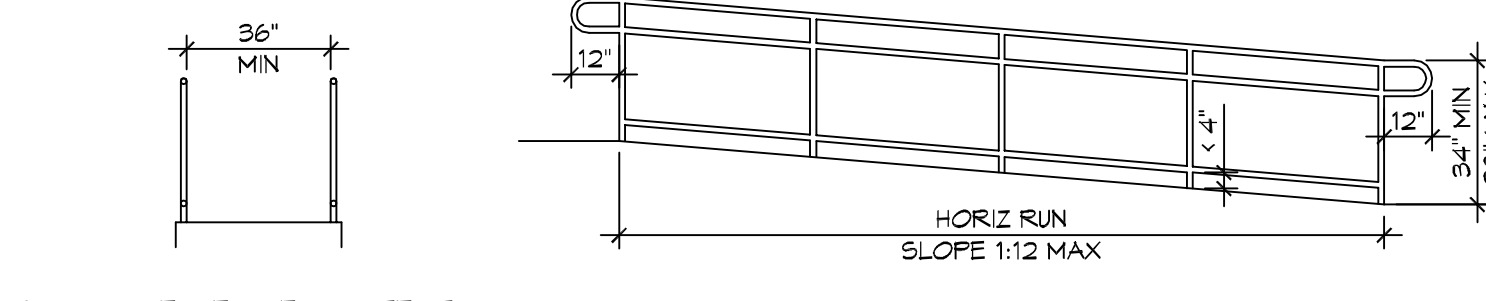
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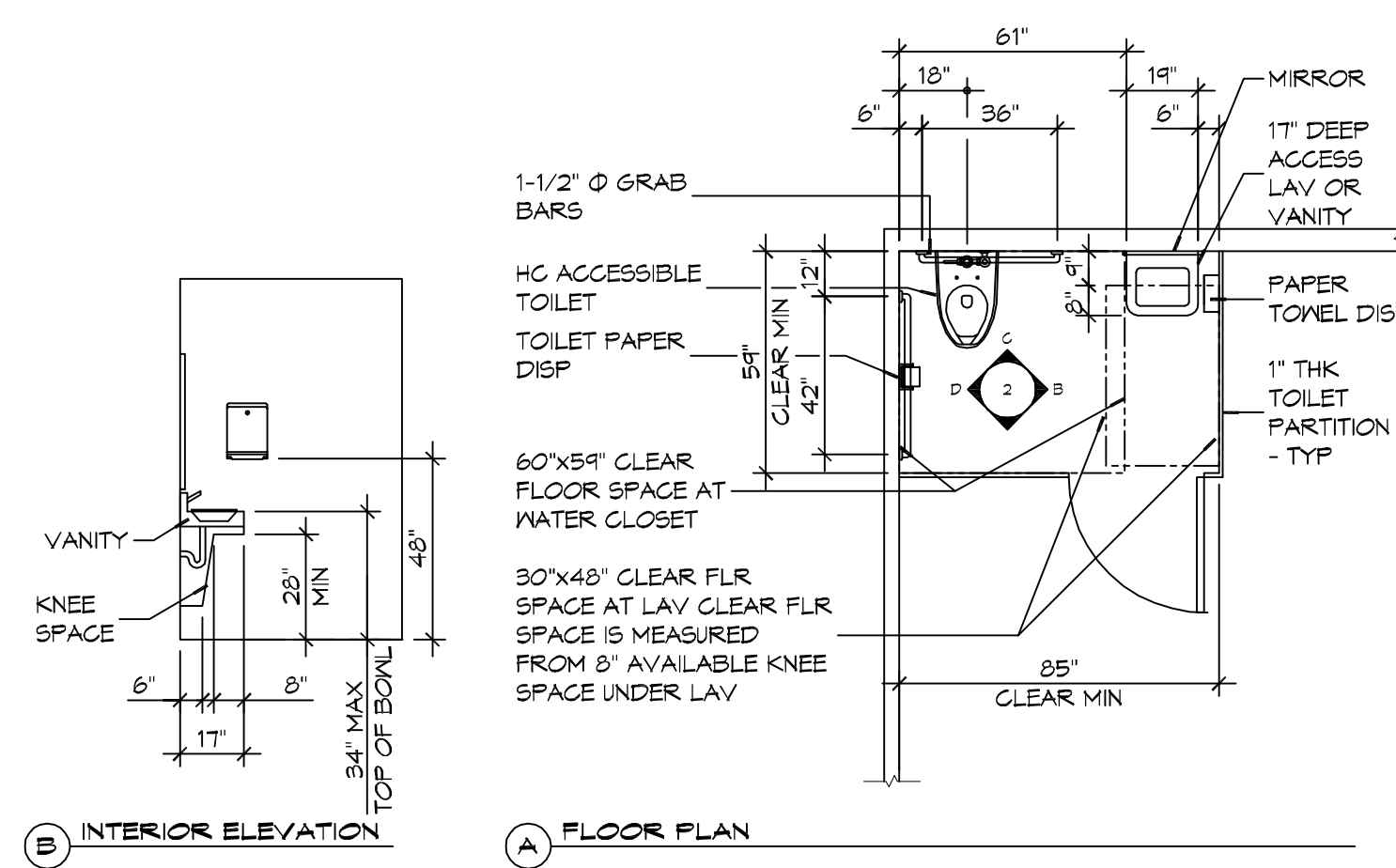
E RAMP LANDINGS



C CURB EDGE PROTECTION



A BARRIER EDGE PROTECTION



A FLOOR PLAN

### ACCESSIBILITY NOTES

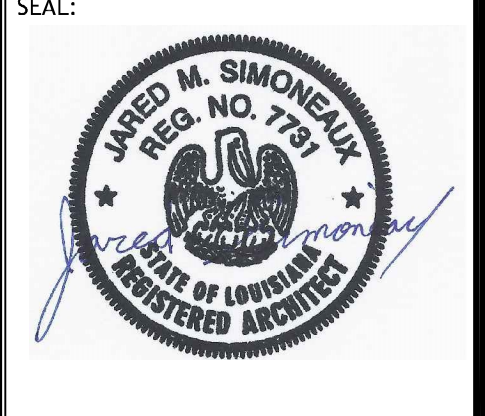
- DOOR CLEARANCE NOTES**  
 ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES, 31/0002 - 3K/0002.  
 DOOR HARDWARE SHALL BE LEVER TYPE.  
 MAX DOOR OPENING FORCE:  
 INTERIOR HINGED DOORS: 5 LBF  
 EXTERIOR HINGED DOORS: 8.5 LBF  
 SLIDING OR FOLDING DOORS: 5 LBF  
 FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.  
 HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.  
 THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.  
 THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.  
 DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90°, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.
- RAMP NOTES**  
 THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.  
 GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED.  
 ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.  
 HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.  
 THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.  
 OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.  
 RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.  
 HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.  
 RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

### GENERAL SITE ACCESSIBILITY NOTES

1. ACCESSIBILITY SIGNAGE SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 703.7.
2. SEE SHEET 0003 FOR ACCESSIBLE RAMP AND HANDRAIL DESIGNS WHERE THEY OCCUR.
3. ALL ACCESSIBLE PARKING SPACES AND AISLES THAT SERVE THEM SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 502.4 AND 502.5.
4. OPENINGS IN GROUND SURFACES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 302.3.
5. VERTICAL CHANGES IN ELEVATION ALONG ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 303.2, 303.3, AND 303.4.
6. PARKING SPACES DESIGNATED AS ACCESSIBLE SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ADAAG 2010 GUIDELINES SECTIONS 703.7.2.1 AND 502.6.
7. ALL ACCESSIBLE PARKING SPACES AND ROUTES SERVING THEM SHALL HAVE A ROUGH, SLIP-RESISTANT SURFACE OR LIGHT BROOM FINISH IN COMPLIANCE WITH ADAAG 2010 GUIDELINES SECTION 502.1.

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REVISIONS	DATE	DESCRIPTION



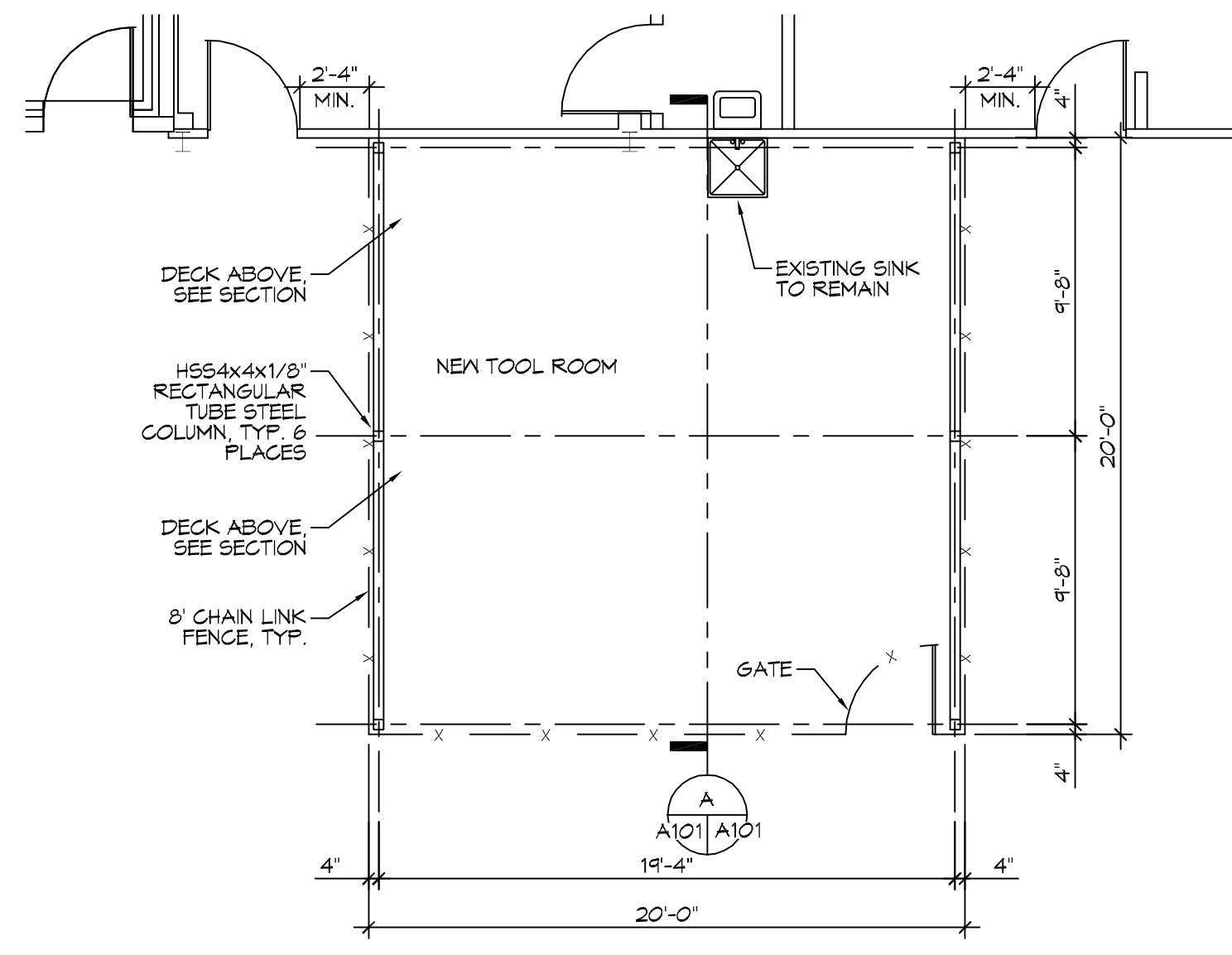
RENOVATIONS AND ADDITIONS FOR  
**ALLIANCE LASER**  
 60207 CAMP VILLERE ROAD  
 SLIDELL, LA 70460  
 JOB No: 01-11-17  
 DATE: 2/28/18  
 DRAWN BY: JTL  
 CHECKED BY: JMS

SHEET TITLE:  
 ACCESSIBILITY INFORMATION  
 DRAWING NUMBER:  
**G102**  
 SHEET No: 2 of 10

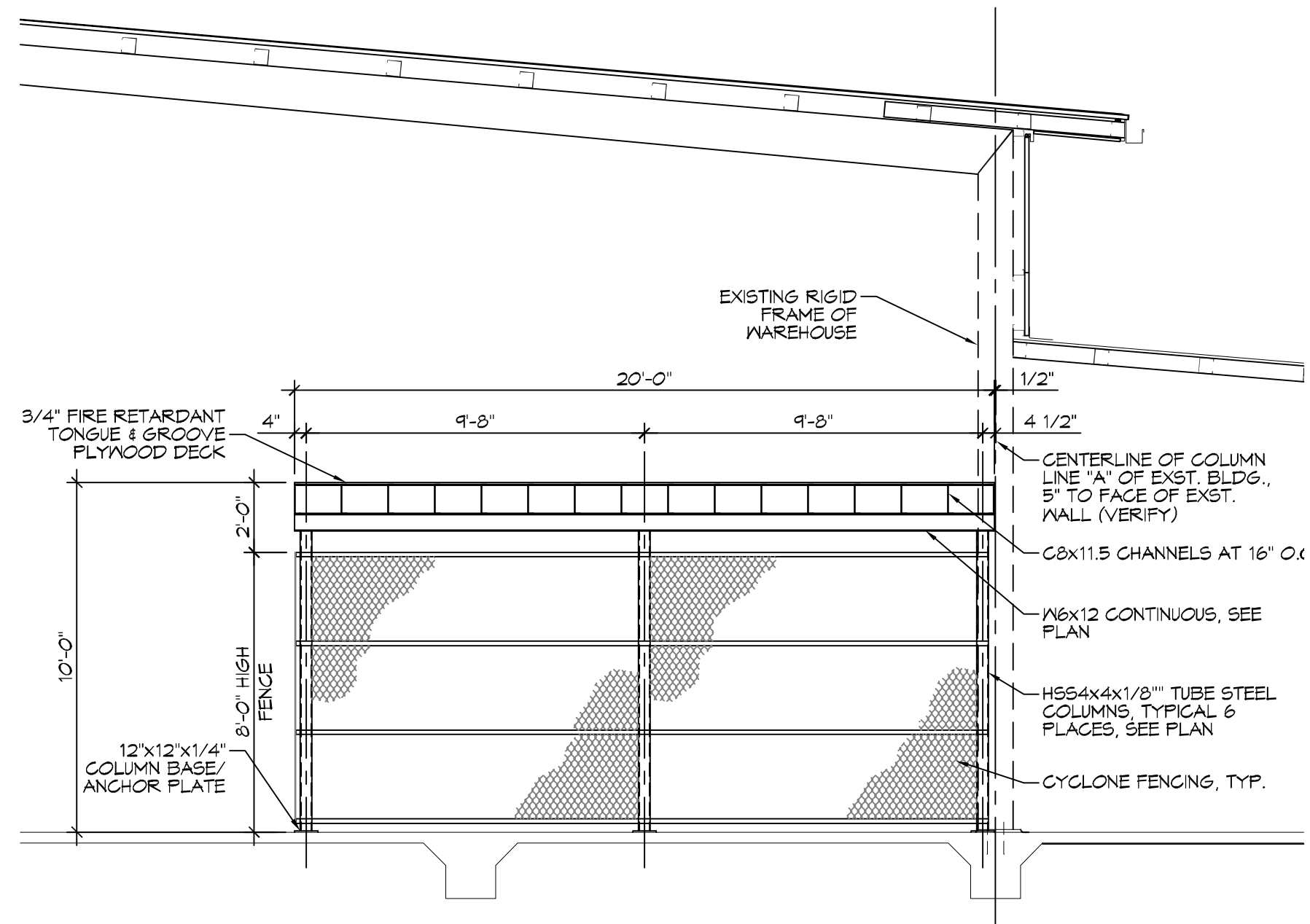




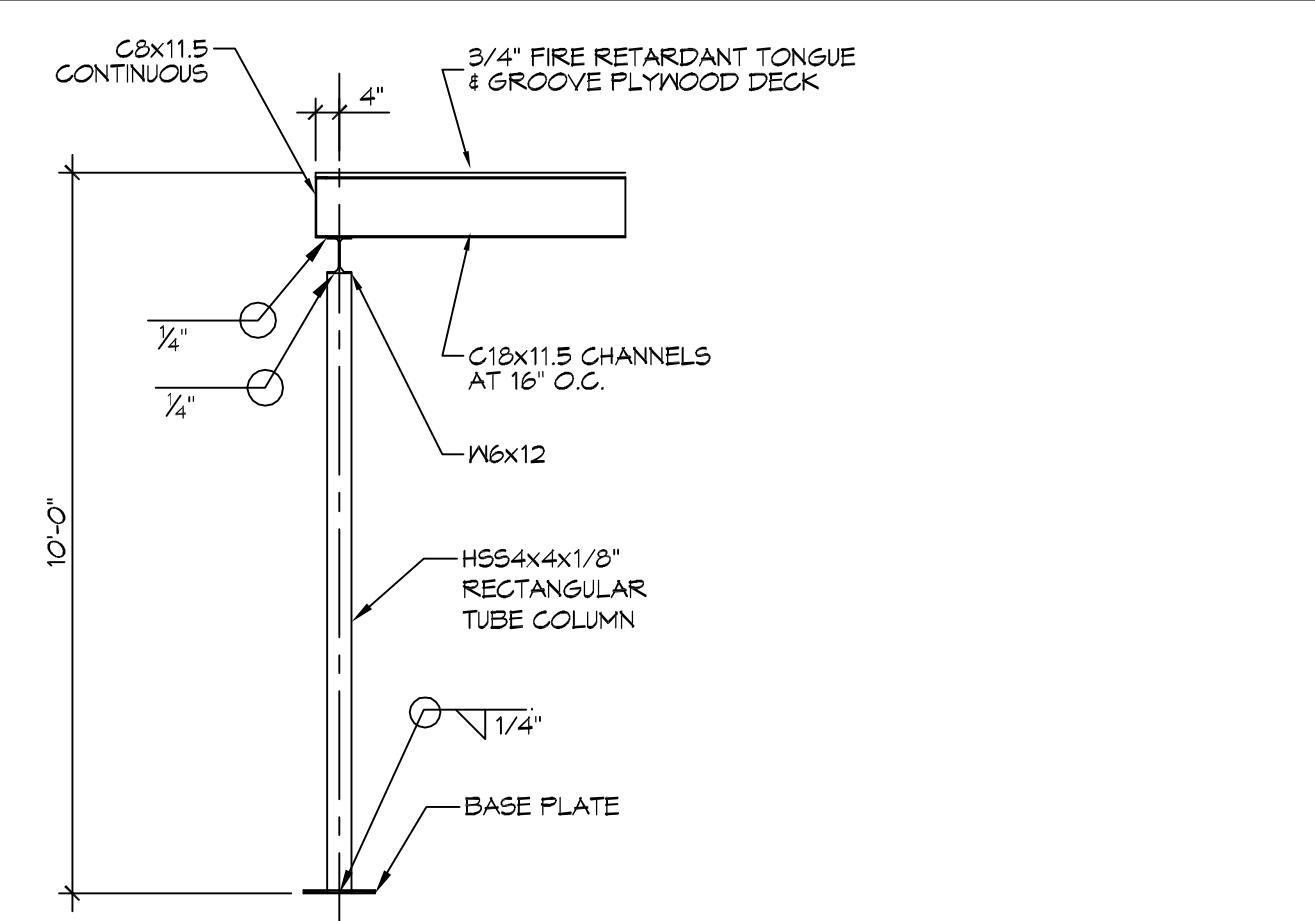




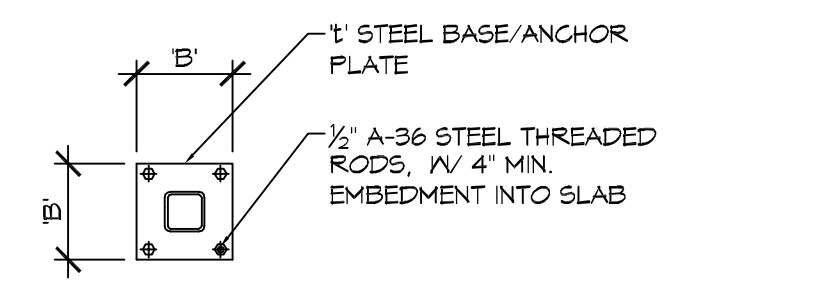
**2 TOOL ROOM**  
SCALE: 3/16" = 1'-0"  
ENLARGED PLAN/COLUMN LAYOUT



**A TOOL ROOM SECTION**  
SCALE: 1/4" = 1'-0"  
TYPICAL CROSS-SECTION



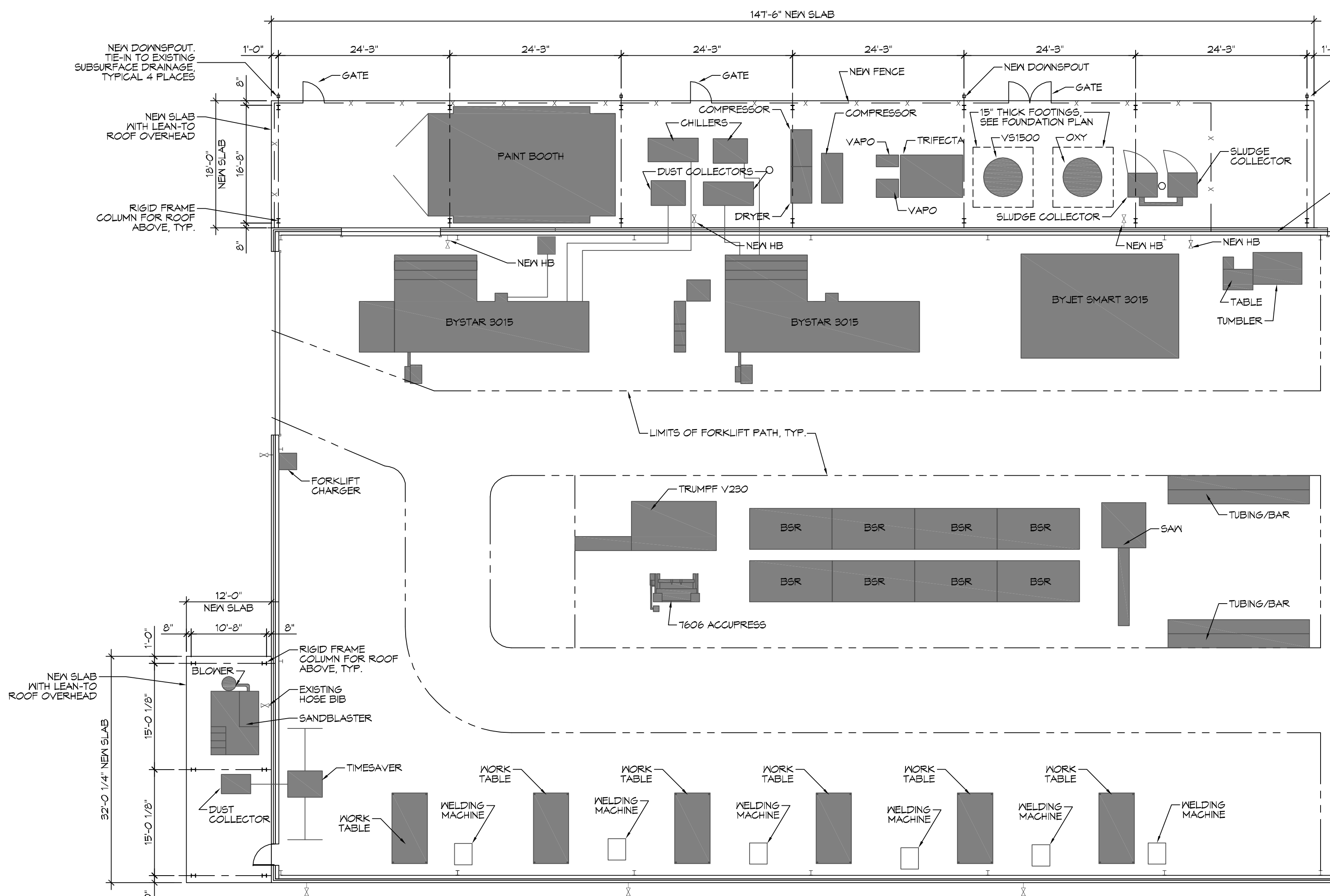
**3 DETAIL**  
SCALE: 3/8" = 1'-0"  
COLUMN DETAIL



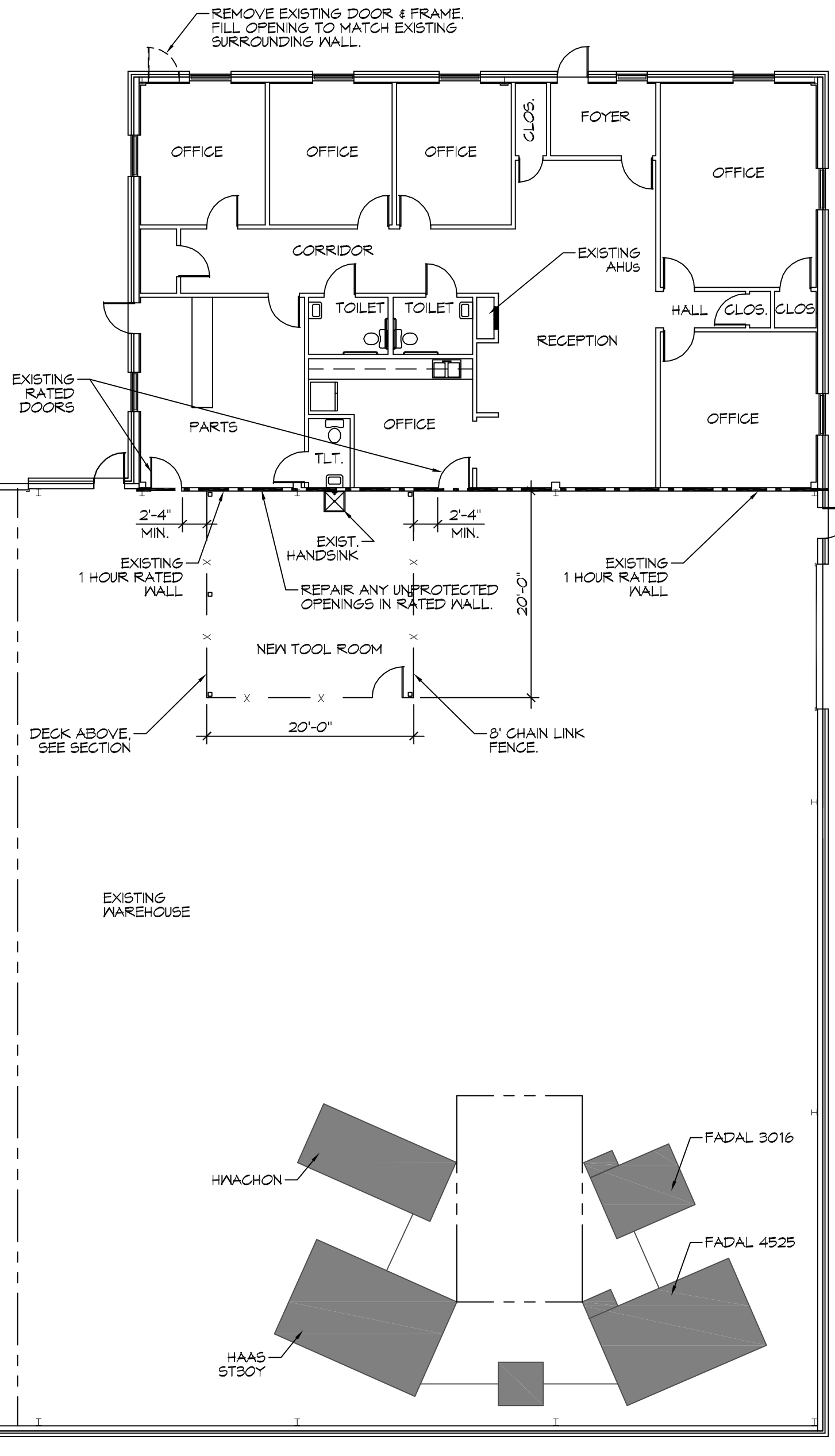
**4 DETAIL**  
SCALE: 1/2" = 1'-0"  
BASE PLATE DETAIL

COLUMN SIZE	B (in.)	H (in.)	T (in.)	ANCHOR BOLT
HSS 4x4x1/8"	12	12	1/4	(4) 1/2" ANCHOR BOLT W/8" EMBEDMENT & 2" HOOK

- GENERAL FLOOR PLAN NOTES**
- NEW INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF IBC 2012 SECTION 119.
    - CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450, EXCEPT THAT IN COMBUSTIBLE (WOOD FRAME) CONSTRUCTION.
    - FACING SHALL COMPLY WITH IBC 2012.
  - ALL MATERIALS SHALL BE NEW AND UL LISTED.
  - NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
  - NEW CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
  - CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
  - CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
  - PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH SHALL BE STORED INSIDE BUILDING PREMISES.
  - ALL NEW BATT INSULATION SHALL HAVE A CLASS "A" (0-25) FLAME SPREAD IN COMPLIANCE WITH IBC 2012.
  - INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
  - INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450.
  - ALL NEW WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
  - PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX "E" OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
  - ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF DECK OR THE UNDERSIDE OF THE DECK ABOVE AND BE SEALED WITH AN APPROVED FIRE CAULK.
  - ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.

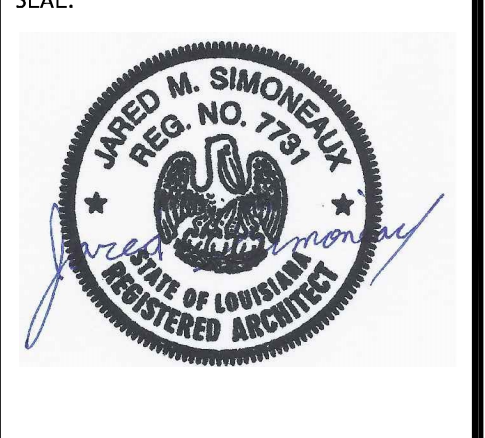


**1 FLOOR PLAN**  
SCALE: 3/32" = 1'-0"



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REVISIONS	DATE	DESCRIPTION



RENOVATIONS AND ADDITIONS FOR  
**ALLIANCE LASER**  
60207 CAMP VILLERE ROAD  
SLIDELL, LA 70460  
JOB NO: 01-17-17  
DATE: 2/28/18  
DRAWN BY: JTL  
CHECKED BY: CKD  
SHEET TITLE:  
FLOOR PLAN  
DRAWING NUMBER:  
**A101**  
SHEET No: 5 of 10







LIGHTING FIXTURE SCHEDULE

EXAMPLE	LABEL	DESCRIPTION	MANUFACTURER PRODUCT #	QTY	REMARKS
	F-1	HIGH BAY LED FIXTURE	ALBEO LED LUMINAIRE ABH2-O-4-V-57-1-N-23-K-N-N	30	REPLACE EXISTING FIXTURE. RE-WIRE TO MDP.
	F-2	HIGH BAY LED FIXTURE	ALBEO LED LUMINAIRE ABH2-O-3-V-57-1-N-23-K-N-N	8	
	F-3	LED 1X4 FIXTURE	LITHONIA LBL4 LP840	4	
	F-4	EXISTING EXTERIOR LIGHT FIXTURE W/ PHOTO CELL		4	INSPECT/TEST REPAIR/REPLACE AS NECESSARY. RE-WIRE TO CLOSEST 120V PANEL.
	F-5	EXISTING EXTERIOR LIGHT FIXTURE W/ PHOTO CELL		4	INSPECT/TEST REPAIR/REPLACE AS NECESSARY. RE-WIRE TO CLOSEST 120V PANEL.
	EM-1	EMERGENCY LIGHT FIXTURE	LITHONIA LIGHTING ELM2 LED	10	WIRE TO CLOSEST 480V PANEL.
	EX-1	EXISTING EXIT LIGHT FIXTURE WITH EMERGENCY LIGHTS		3	INSPECT/TEST REPAIR/REPLACE AS NECESSARY. RE-WIRE TO CLOSEST 120V PANEL.
	EX-2	EXISTING EXIT LIGHT FIXTURE		1	INSPECT/TEST REPAIR/REPLACE AS NECESSARY.

LIGHTING NOTES

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ENGINEER.
- WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICIAN SHALL PROVIDE COMPLETE ASSEMBLY INCLUDING ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- ALL CONDUCTORS SHALL BE COPPER.
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
- MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS HAL BE LUTRON NOVA T-STAR.
- WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
- ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
- ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.75G.
- MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE. MINIMUM 1" SCHEDULE 40 FVG FOR CONDUITS BELOW GRADE. BURY A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).

**DAMMON**  
ENGINEERING, INC.  
LOUISIANA & MISSISSIPPI

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REVISIONS	DATE	#	DESCRIPTION

SEAL:

RENOVATIONS AND ADDITIONS FOR  
**ALLIANCE LASER**

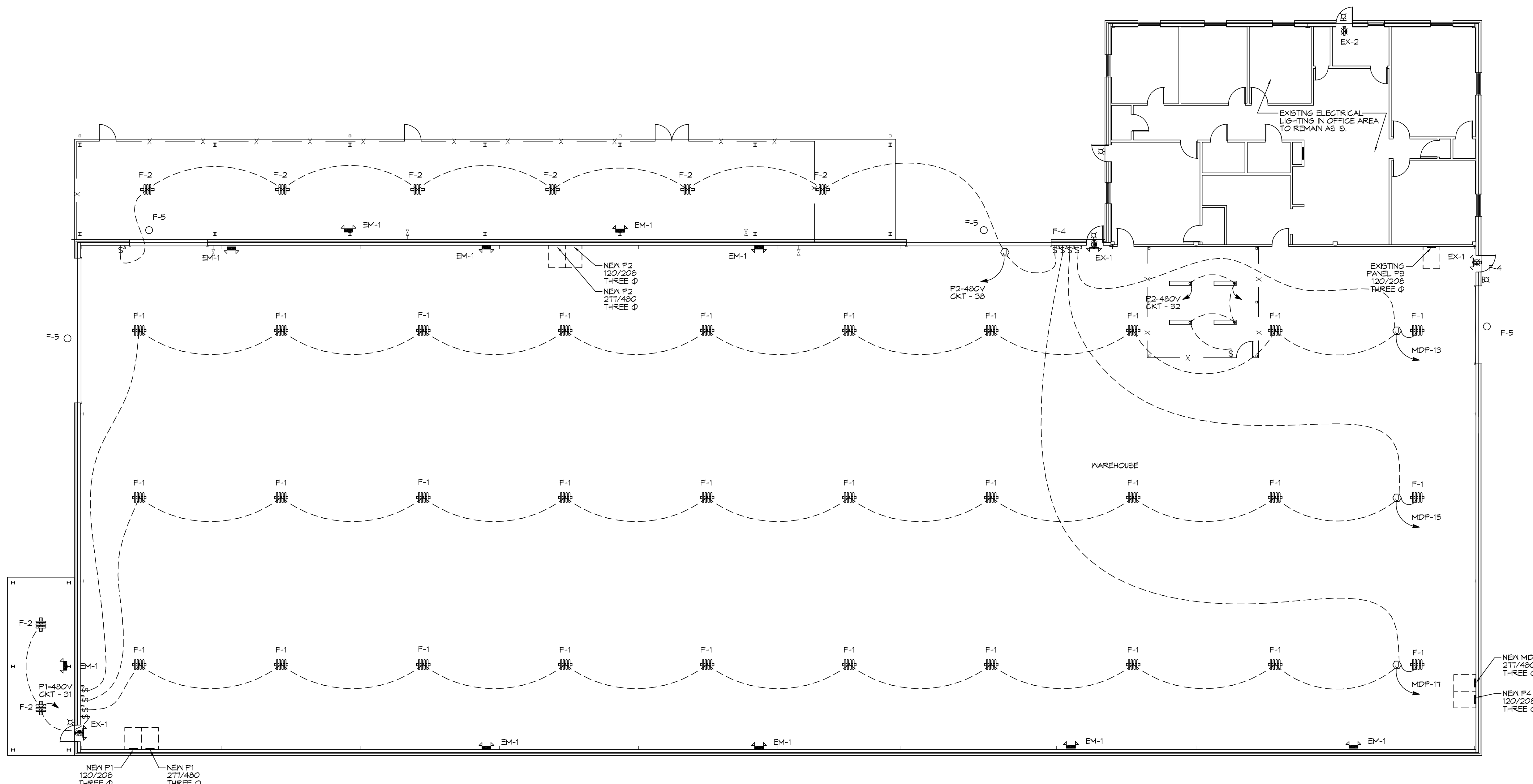
60207 CAMP VILLERE ROAD  
SLIDELL, LA 70460

JOB No: 01-17-17 DATE: 2-28-18  
DRAWN BY: JTL/CDP CHECKED BY: CKD

SHEET TITLE:  
ELECTRICAL LIGHTING PLAN

DRAWING NUMBER:  
**E102**

SHEET No: 9 of 10



**ELECTRICAL LIGHTING PLAN**  
SCALE: 3/32" = 1'-0"

