



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED	
SIGNATURE	OFFICE
	Civil
	Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental
	Engineer
	Security
	Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing
	Engineer
	Pavements
	Engineer
	Corrosion
	Engineer
	Protective Coating Engr.

DESIGN FIRM
K3A
kevin bryan architect
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101
WORKS 318.473.9980



Designer	WKB	Project Manager	
Drafter		Date	

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
TITLE 1-B 100%	6 MAY 2021
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SHEET TITLE
TITLE SHEET
SHEET **A1** OF **12A**

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number **OPP. NO. 1097173**

Drawing Number **B7283**

DESIGN REPAIR CES BUILDINGS 7282, 7283, AND 7292

BARKSDALE AIR FORCE BASE BOSSIER CITY, LOUISIANA

BUILDING 7283 - APRIL 2025

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A4.1	EXTERIOR ELEVATIONS
A4.2	BUILDING SECTIONS
A5.1	SCHEDULES AND DETAILS
A6.1	ENLARGED TOILET PLANS AND INTERIOR ELEVATIONS
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ELECTRICAL

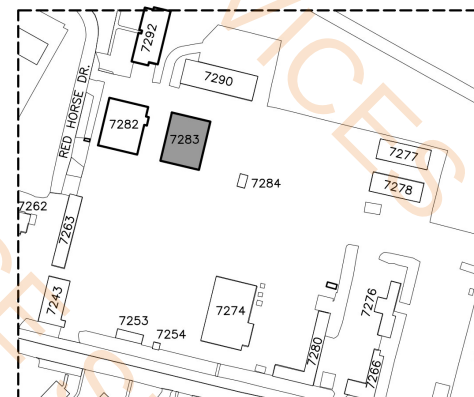
ED1.1	ELECTRICAL DEMOLITION PLAN
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E2.1	ELECTRICAL LIGHTING PLAN
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SYMBOLS LEGEND

CONSTRUCTION NOTE	(C1)
DEMOLITION NOTE	(D1)
DOOR REFERENCE MARK	(1)
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ALUMINUM FRAME MARK	(AF-1)
WINDOW TYPE MARK	(W1)
PARTITION TYPE MARK	(A)
ITEM TO BE REMOVED	---
FIRE EXTINGUISHER CABINET IN WALL	

OPPORTUNITY NO. 1097173

TITLE 1-B 100% E
REFRESH



ENLARGED SITE PLAN

"HAUL ROUTE"

EAST GATE

NORTH GATE

WEST GATE

PROJECT LOCATION MAP

ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR
APPROX.	APPROXIMATE
A.T.	ALUMINUM THRESHOLD
BD.	BOARD
C.H.	CEILING HEIGHT
CONT.	CONTINUOUS
C.G.	CORNER GUARD
C.	CENTERLINE
COL.	COLUMN
DBL.	DOUBLE
E.H.D.	ELECTRIC HAND DRYER
ELEV.	ELEVATION
EM. R.D.	EMERGENCY ROOF DRAIN
ETC.	ETCETERA
E.W.C.	ELECTRIC WATER COOLER
EXIST.	EXISTING
EXP.JT.	EXPANSION JOINT
F.E.C.	FIRE EXTINGUISHER CABINET
GA.	GAUGE
GALV.	GALVANIZED
GYP. BD.	GYPSUM BOARD
HDWR.	HARDWARE
HR.	HOOR
HT.	HEIGHT
H.M.	HOLLOW METAL
LAM.	LAMINATED
LAV.	LAVATORY
MAT'L.	MATERIAL
MK.	MARK
MECH.	MECHANICAL
MED.	MEDICAL
MTL.	METAL
M.T.	MARBLE THRESHOLD
MW.	MILLWORK ITEM
OPP.	OPPOSITE
O.C.	ON CENTER
O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
O.H.	OVER HEAD
PAT.	PATTERN
PTD.	PAINTED
P.T.D.	PAPER TOWEL DISPENSER
P.H.	PAPER HOLDER
PLAS.	PLASTIC
PLYWD.	PLYWOOD
PREP.	PREPARATION
REF.	REFERENCE
REF.	REFRIGERATOR
REQ'D.	REQUIRED
SCHED.	SCHEDULE
SIM.	SIMILAR
S.C.	SOLID CORE
S.D.	SOAP DISPENSER
S.N.D.	SANITARY NAPKIN DISPOSAL
S.S.	STAINLESS STEEL
T.B.R.	TO BE REMOVED
TEMP.	TEMPERED
THRES.	THRESHOLD
TK.	THICK
T.S.	TRANSITION STRIP
TYP.	TYPICAL
U.C.	UNDER COUNTER
V.C.T.	VINYL COMPOSITION TILE
V.W.C.	VINYL WALL COVERING
W.C.	WAINSCOT
WD.	WOOD
W/	WITH

GENERAL NOTES

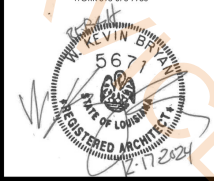
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL DEMOLITION AND CONSTRUCTION DEBRIS. ALL TRASH AND DEBRIS SHOULD BE DISPOSED OF PROPERLY AND APPROPRIATELY. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED W/ DISPOSAL.
- ALL ELECTRICAL WORK IS TO BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR OR THOSE DIRECTLY UNDER HIS SUPERVISION. ALL WORK PERFORMED IS TO BE PER ALL CITY, STATE, AND NATIONAL CURRENT ELECTRICAL CODES.
- ALL PLUMBING WORK IS TO BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR OR THOSE DIRECTLY UNDER HIS SUPERVISION. ALL WORK PERFORMED IS TO BE PER ALL CITY, STATE, AND NATIONAL CURRENT PLUMBING CODES.
- NO SALVAGE SHALL BE USED FOR NEW WORK UNLESS SELECT ITEMS ARE SPECIFICALLY CALLED OUT TO BE SALVAGED AND THEIR NEW LOCATIONS INDICATED ON THE DRAWINGS.
- CONTRACTOR TO KEEP THE FACILITY REASONABLY CLEAN DURING CONSTRUCTION HOURS AND TO COMPLETELY CLEAN UP SITE AT THE END OF EACH DAY.
- CONTRACTOR TO BE FULLY LICENSED, FOR THIS JOB, AND INSURED.
- ANY DAMAGE TO THE EXISTING FACILITY CAUSED BY THE CONTRACTOR OR ANY ONE UNDER HIS CONTRACT, IS TO BE FULLY REPAIRED OR REPLACED. DAMAGE TO EXISTING SITE TO BE REPAIRED.
- CONTRACTOR TO NOTIFY COR IMMEDIATELY IF DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONSTRUCTION EXISTS.
- CONTRACTOR AND ALL THOSE UNDER HIS CONTRACT ARE TO PERFORM ALL WORK IN A WELL-MANNERED FASHION.
- CONTRACTOR TO PROVIDE TEMPORARY TOILET FACILITIES. TOILETS AT FACILITY ARE NOT TO BE USED BY ANYONE UNDER CONTRACTOR'S CONTRACT. TEMPORARY TOILETS SHALL BE CLEANED AT LEAST WEEKLY. TEMPORARY TOILETS SHALL BE REMOVED NO LATER THAN CONTRACT CLOSEOUT. LOCATE TOILETS PER CONTRACTING OFFICER'S DIRECTION.
- CONTRACTOR IS RESPONSIBLE FOR HIS OWN COMMUNICATIONS ON SITE. PERSONNEL ARE NOT TO BE ASKED FOR USE OF PHONE, FAX, COPIER, ETC.



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	Chief of Engineering
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	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioclimatological Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

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WORKS 318-673-9980



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Drafter		Date	

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SHEET TITLE	
DEMOLITION FLOOR PLAN	
SHEET	OF
A3.1	12A

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number	OPP. NO. 1097173
Drawing Number	Facility Number B7283

Remove Flooring And Ceiling

7481.3 SQ FT

DEMOLITION NOTES

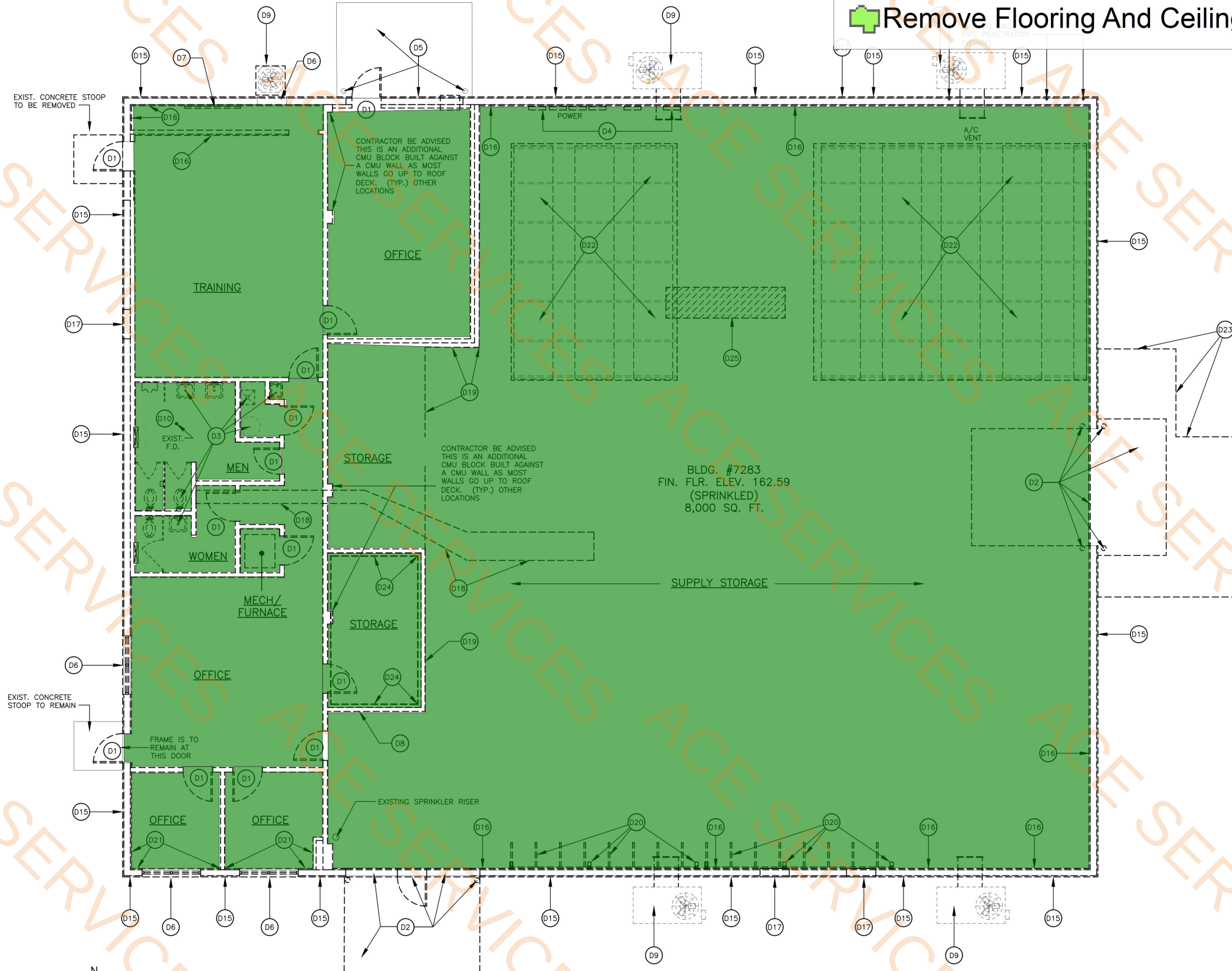
- (D1) EXISTING DOOR AND FRAME TO BE REMOVED. IF FRAME IS TO REMAIN IT IS INDICATED ON THIS SHEET.
- (D2) EXISTING OVERHEAD DOOR, CONC. RAMP AND BOLLARDS TO BE REMOVED.
- (D3) ALL EXISTING PLUMBING FIXTURES, TOILET PARTITIONS, AND ACCESSORIES TO BE REMOVED. CONTRACTOR BE ADVISED THAT SAW CUTTING OF SLAB WILL BE NECESSARY HERE AS FIXTURE LOCATIONS WILL CHANGE - SEE FLOOR PLAN.
- (D4) ALL EXISTING ELECTRICAL BOXES AND FIRE EQUIPMENT BOXES TO BE REMOVED. REFER TO ELECTRICAL DEMOLITION FOR ANY ADDITIONAL INFORMATION.
- (D5) EXISTING O.H. DOOR AND ALL ASSOCIATED BRACING OR STEEL TO BE REMOVED. EXISTING CONC. RAMP AND BOLLARDS TO REMAIN.
- (D6) EXISTING WINDOWS AND ALL ADJACENT TRIM AND FLASHING TO BE REMOVED.
- (D7) EXISTING TELEPHONE BOARD TO BE REMOVED.
- (D8) NOT USED.
- (D9) EXISTING CONCRETE PAD AND HVAC UNIT TO BE REMOVED. REFER TO MECHANICAL FOR ANY ADDITIONAL NOTES ON MECHANICAL DEMOLITION.
- (D10) CAP AND SEAL EXISTING FLOOR DRAINS IN EXISTING BATHROOMS AS REQ'D. PRIOR TO REUSING EXISTING SEWER LINES.
- (D11) NOT USED.
- (D12) NOT USED.
- (D13) NOT USED.
- (D14) NOT USED.
- (D15) EXISTING EXTERIOR METAL WALL PANELS TO BE COMPLETELY REMOVED AND DISPOSED OF PROPERLY.
- (D16) EXISTING INTERIOR METAL LINER PANELS AND OR WOOD PANEL FRAMING TO BE COMPLETELY REMOVED AND DISPOSED OF PROPERLY.
- (D17) EXISTING EXTERIOR WALL MATERIAL AND ANY COORDINATING HORIZONTAL STRUCTURE TO BE REMOVED FOR A NEW EXTERIOR DOOR.
- (D18) EXISTING CONCRETE SLAB WILL NEED TO BE REMOVED IN THIS AREA TO ACCOMMODATE FOR FUTURE PLUMBING. SEE MEP DRAWINGS FOR MORE INFORMATION. CONTRACTOR FIGURE TO TIE INTO EXISTING PLUMBING AS REQUIRED.
- (D19) EXISTING FENCING TO BE REMOVED.
- (D20) EXISTING STEEL PIPE STRUCTURES TO BE COMPLETELY REMOVED.
- (D21) EXISTING WALL AND FINISH MATERIAL ATTACHED TO EXTERIOR WALLS TO BE COMPLETELY REMOVED.
- (D22) EXISTING OPERABLE STORAGE SHELVING AND FLOOR GUIDES TO BE COMPLETELY REMOVED.
- (D23) EXISTING PAVING AND OR ASPHALT TO BE REMOVED AS REQUIRED FOR NEW STAIR AND RAMP.
- (D24) EXISTING MECHANICAL SYSTEMS AND ANY OVERHEAD FLOORING AND STRUCTURE FOR FLOORING TO BE COMPLETELY REMOVED.
- (D25) REMOVE EXIST. CONCRETE APPROX. THIS AREA FOR INSTALLATION OF NEW U.G. ELECTRICAL & DATA. RE: TYPICAL SLAB SAWCUT REPAIR DETAIL ON STRUCTURAL SHEET S3.1.

WALL TYPE LEGEND

—————	EXIST. WALL TO REMAIN
- - - - -	EXIST. WALL TO BE REMOVED

NOTE:
CONTRACTOR BE ADVISED THAT 95% OF EXISTING WALLS TO BE REMOVED ARE 6" CMU AND ARE CONSTRUCTED ALL THE WAY UP TO THE ROOF DECK

NOTE:
CONTRACTOR REFERENCE ELEVATION SHEETS FOR ADDITIONAL DEMOLITION ITEMS NOT INDICATED ON THIS PLAN.



DEMOLITION FLOOR PLAN

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



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	Civil Engineer
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	Airfield Manager
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	Construction Management
	Roofing Engineer
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	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	WKB	Project Manager	
Drafter		Date	

REVISION

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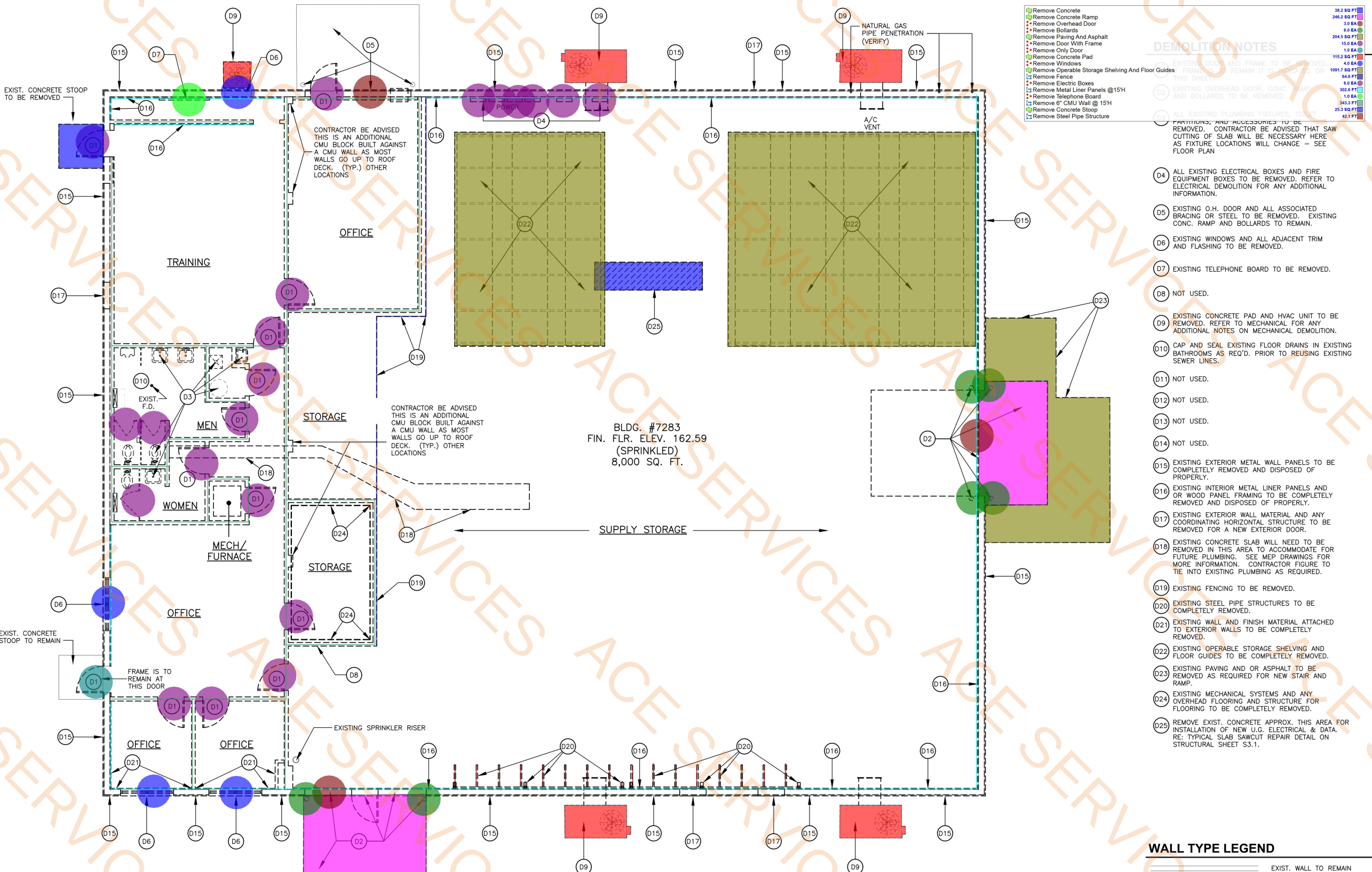
**DEMOLITION
FLOOR PLAN**

SHEET	A3.1	OF	12A
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BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

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Facility Number
B7283



DEMOLITION FLOOR PLAN

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

WALL TYPE LEGEND

—————	EXIST. WALL TO REMAIN
-----	EXIST. WALL TO BE REMOVED

NOTE:
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EXISTING WALLS TO BE REMOVED ARE 6"
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	Airfield Manager
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kevin bryan architect
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SHEET TITLE

FLOOR PLAN

SHEET	A3.2	OF	12A
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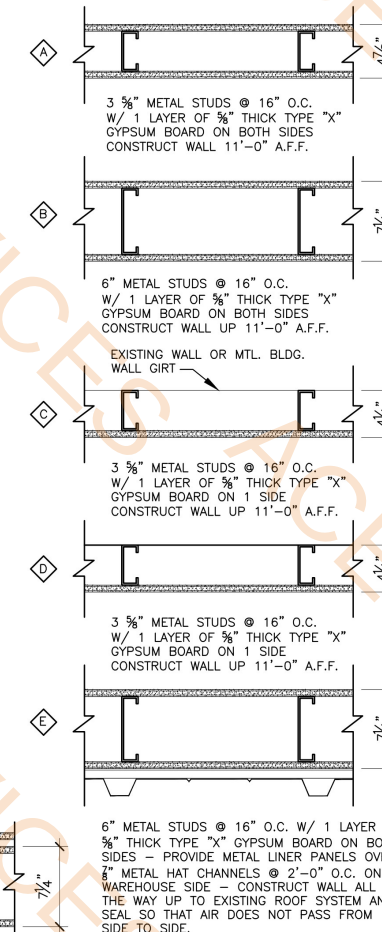
CONSTRUCTION NOTES

- (C1) NEW FLOOR SINK.
- (C2) REMOVE EXISTING FIXTURES, PARTITIONS, AND TOILET ACCESSORIES. REPAIR LANDING FLOOR FINISH TYPE.
- (C3) PROPERLY PREPARE EXISTING CONCRETE SURFACES. REMOVE EXISTING WINDOORS OR DOORS WHERE SHOWN.
- (C4) NEW CANOPY DOOR.
- (C5) EXISTING BOLLARDS TO REMAIN - SCRAPE, SAND, PRIME, AND PAINT.
- (C6) NEW CONCRETE STOOP. REFER TO CIVIL FOR DETAIL.
- (C7) NEW 6" DIA. CONCRETE FILLED STEEL BOLLARD.
- (C8) NEW CONCRETE LEVEL LANDING, STAIRS, RAMP, AND HANDRAILS. RE: CIVIL.
- (C9) PROVIDE METAL LINER PANELS ALL THE WAY UP TO ROOF AND OR EAVES.
- (C10) NEW FOLDING PARTITION WALL REFERENCE SPECIFICATION.
- (C11) PROVIDE NEW STEEL COLUMN - REF. STRUCTURAL.
- (C12) EXISTING SPRINKLER RISER TO REMAIN. PROTECT DURING CONSTRUCTION.
- (C13) NEW HVAC - REFER TO MECHANICAL.
- (C14) NEW CONCRETE PAD FOR HVAC - REFER TO MECHANICAL AND CIVIL FOR DETAIL.
- (C15) MUST PROVIDE BLOCKING IN WALL FOR WALL MTD. FURNITURE ITEM. REFER TO I.D. FURNITURE PACKAGE FOR MORE INFORMATION.
- (C16) NEW "BIG ASS FAN". REFER TO ELECTRICAL.
- (C17) NEW CONCRETE PATCH THIS LOCATION AFTER INSTALLATION OF NEW U.S. ELECTRICAL AND DATA. RE: TYPICAL SLAB SAWCUT REPAIR DETAIL ON STRUCTURAL SHEET S3.1.

WALL TYPES

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

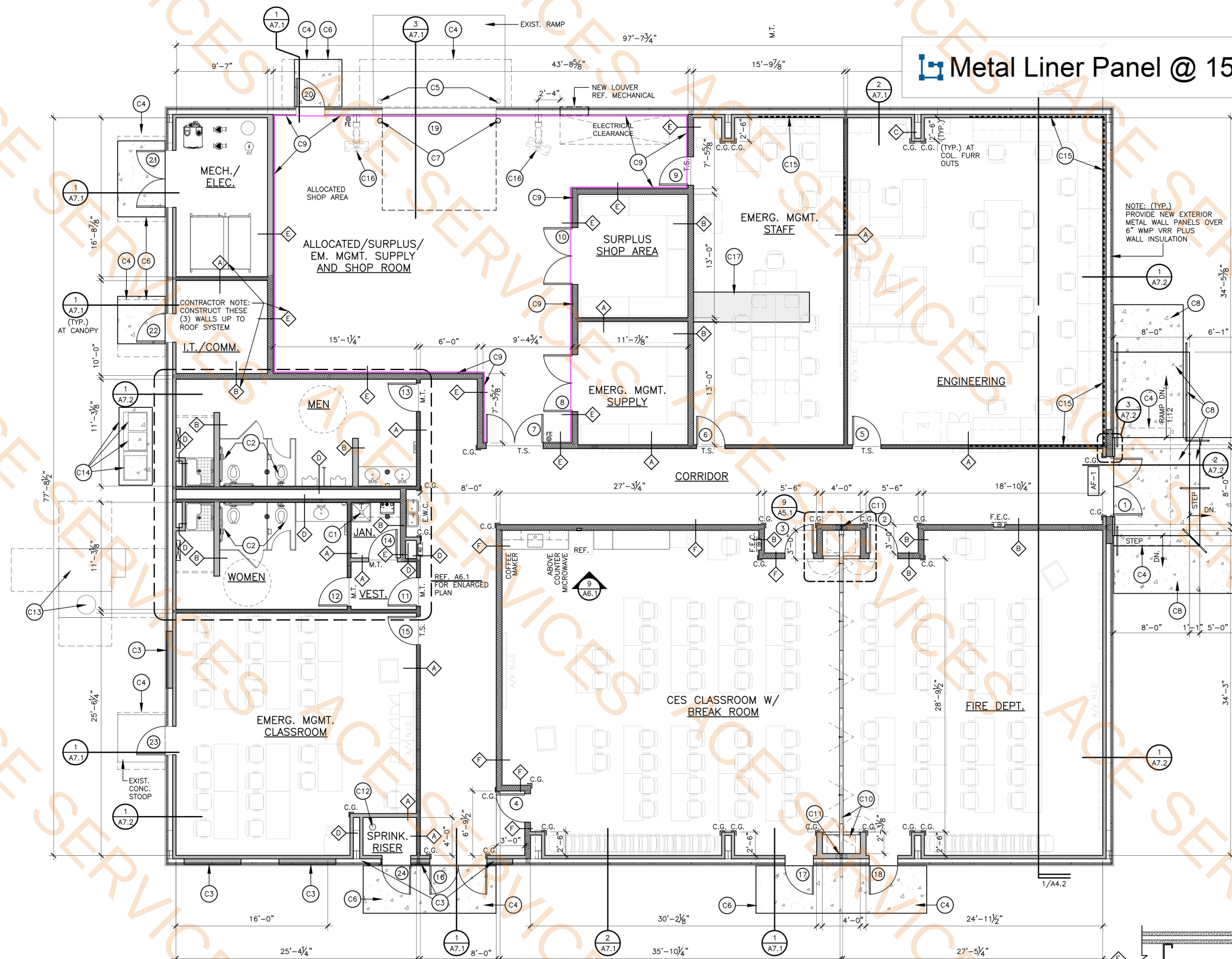
NOTE: INSULATION OR SOUND BATTS ARE PURPOSELY NOT SHOWN IN WALL TYPE LEGEND. RE: FLOOR PLANS FOR SOUND BATT AND INSULATION LOCATIONS.



WALL TYPE LEGEND

	EXIST. WALL TO REMAIN
	NEW MTL. STUD WALL
	NEW MTL. STUD WALL REQUIRING SOUND INSULATION

Metal Liner Panel @ 15'H



FLOOR PLAN
8,000 TOTAL S.F.

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



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SHEET TITLE

FLOOR PLAN

SHEET **A3.2** OF **12A**

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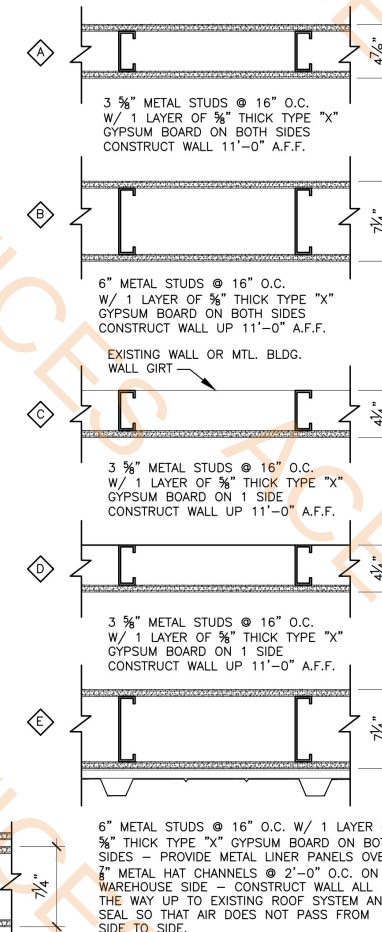
Drawing Number **Facility Number
B7283**

Sound Insulation @ 15'H 144.0 FT
Sound Insulation @ 11'H 326.8 FT

- C4 NEW CANOPY ABOVE.
- C5 EXISTING BOLLARDS TO REMAIN - SCRAPE, SAND, PRIME, AND PAINT.
- C6 NEW CONCRETE STOOP. REFER TO CIVIL FOR DETAIL.
- C7 NEW 6" DIA. CONCRETE FILLED STEEL BOLLARD.
- C8 NEW CONCRETE LEVEL LANDING, STAIRS, RAMP, AND HANDRAILS. RE: CIVIL.
- C9 PROVIDE METAL LINER PANELS ALL THE WAY UP TO ROOF AND OR EAVES.
- C10 NEW FOLDING PARTITION WALL REFERENCE SPECIFICATION.
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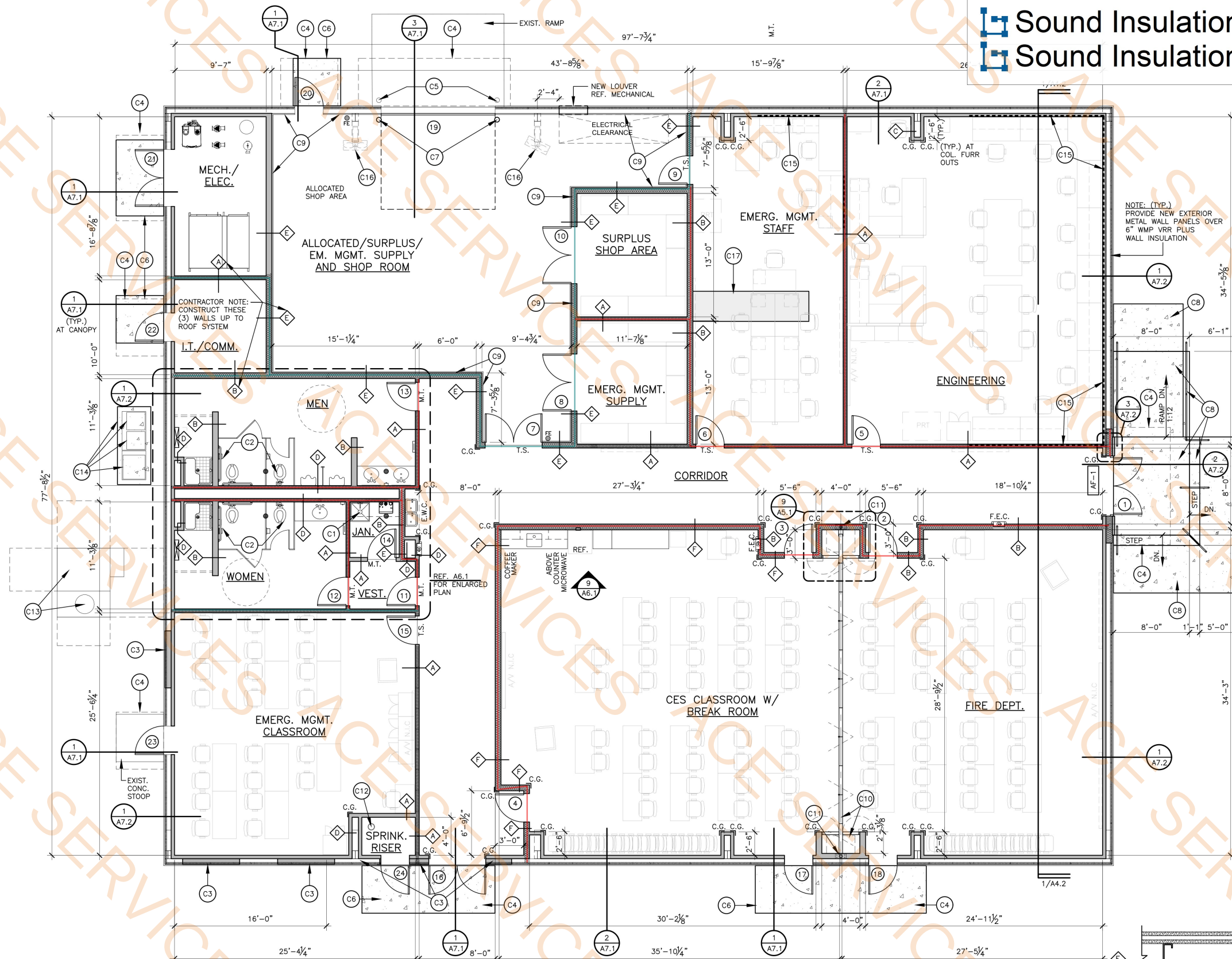
WALL TYPES SCALE: 1 1/2" = 1'-0"

NOTE: INSULATION OR SOUND BATTS ARE PURPOSELY NOT SHOWN IN WALL TYPE LEGEND. RE: FLOOR PLANS FOR SOUND BATT AND INSULATION LOCATIONS.



WALL TYPE LEGEND

- EXIST. WALL TO REMAIN
- NEW MTL. STUD WALL
- NEW MTL. STUD WALL REQUIRING SOUND INSULATION



**FLOOR PLAN
8,000 TOTAL S.F.**

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



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APPROVED

SIGNATURE OFFICE

Chief of

Engineering

Chief of

Design

Contracting

User

COORDINATION

Airfield

Manager

Ground

Support

Communication

Computers

Environmental

Engineering

Security

Police

Security

Systems

Fire Chief

Chief of

Operations

Construction

Management

Building

Engineer

Pavements

Engineer

Corrosion

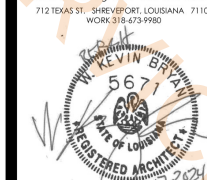
Engineer

Protective

Coating Engr.

DESIGN FIRM

K3A
kevin bryan architect
7112 TEXAS ST. - SHREVEPORT, LOUISIANA 71101
WORK 318.473.9980



Designer **WKB** Project Manager
Drafter Date

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
TITLE 1-B 100%	6 MAY 2021
TITLE 1-B 100% REFRESH/REVIEW	30 NOV 2023
TITLE 1-B 100% A REFRESH/REVIEW	9 JAN 2024
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TITLE 1-B 100% C REFRESH FINAL	17 DEC 2024
TITLE 1-B 100% D REFRESH FINAL	26 FEB 2025
TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE

FLOOR PLAN

SHEET **A3.2** OF **12A**

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number **OPP. NO. 1097173**

Drawing Number Facility Number

B7283

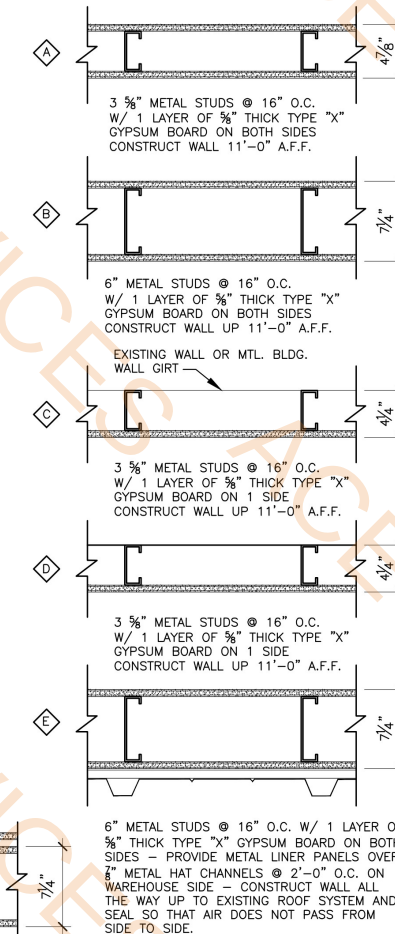
CONSTRUCTION NOTES

- NEW FLOOR SINK.
- NEW PLUMBING FIXTURES, PARTITIONS, AND TOILET ACCESSORIES. PROVIDE PLUMBING FIXTURE TYPES.
- PROPERLY PREPARE NEW VINYL SCUM INSULATION WHERE EXISTING WINDOWS OR DOORS WERE REMOVED.
- NEW CANOPY ABOVE.
- EXISTING BOLLARDS TO REMAIN - SCRAPE, SAND, PRIME, AND PAINT.
- NEW CONCRETE STOOP. REFER TO CIVIL FOR DETAIL.
- NEW 6" DIA. CONCRETE FILLED STEEL BOLLARD.
- NEW CONCRETE LEVEL LANDING, STAIRS, RAMP, AND HANDRAILS. RE: CIVIL.
- PROVIDE METAL LINER PANELS ALL THE WAY UP TO ROOF AND OR EAVES.
- NEW FOLDING PARTITION WALL REFERENCE SPECIFICATION.
- EXISTING SPRINKLER RISER TO REMAIN. PROTECT DURING CONSTRUCTION.
- NEW HVAC - REFER TO MECHANICAL.
- NEW CONCRETE PAD FOR HVAC - REFER TO MECHANICAL AND CIVIL FOR DETAIL.
- MUST PROVIDE BLOCKING IN WALL FOR WALL MTD. FURNITURE ITEM. REFER TO I.D. FURNITURE PACKAGE FOR MORE INFORMATION.
- NEW "BIG ASS FAN". REFER TO ELECTRICAL.
- NEW CONCRETE PATCH THIS LOCATION AFTER INSTALLATION OF NEW U.S. ELECTRICAL AND DATA. RE: TYPICAL SLAB SAWCUT REPAIR DETAIL ON STRUCTURAL SHEET S3.1.

WALL TYPES

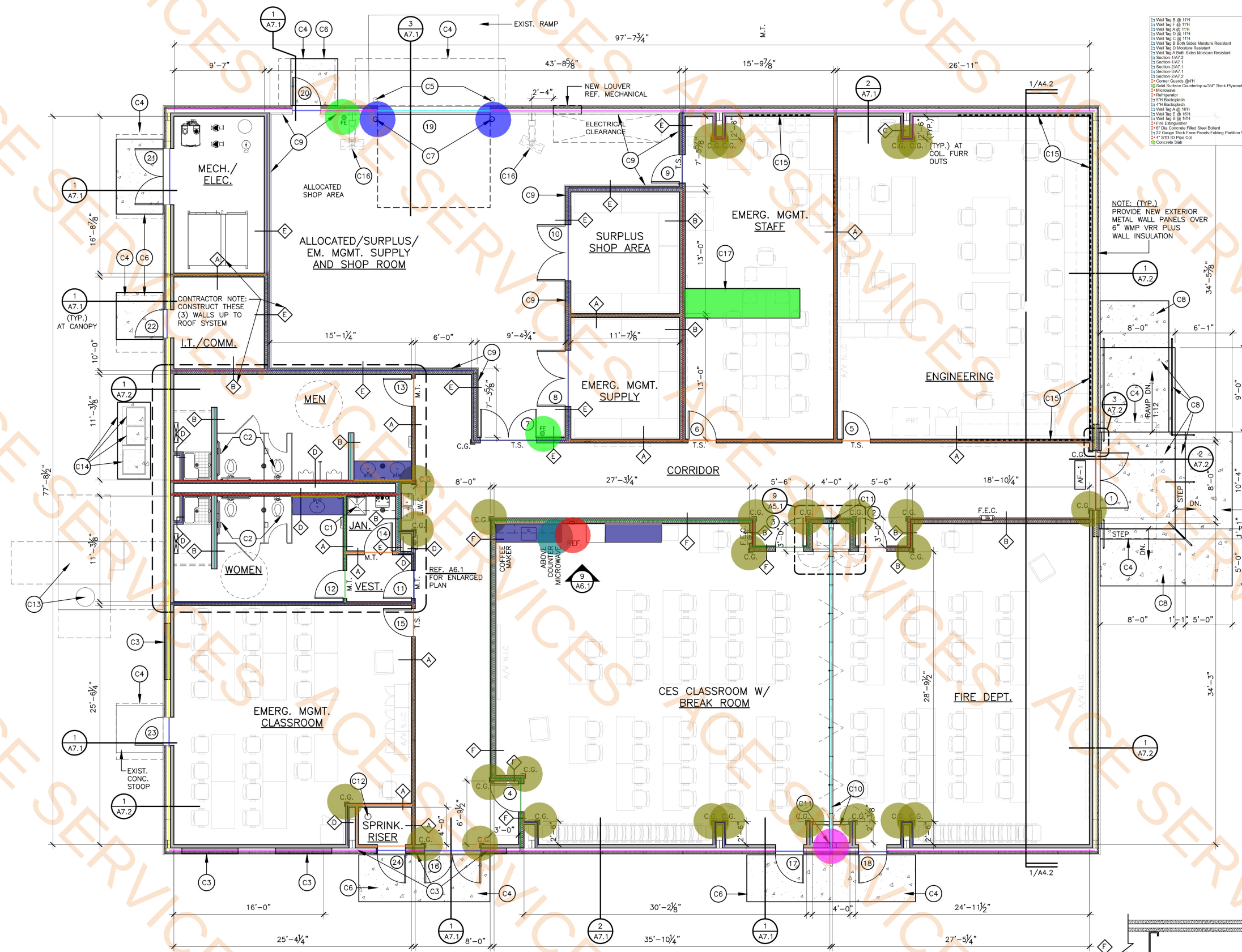
SCALE: 1 1/2" = 1'-0"

NOTE: INSULATION OR SOUND BATTS ARE PURPOSELY NOT SHOWN IN WALL TYPE LEGEND. RE: FLOOR PLANS FOR SOUND BATT AND INSULATION LOCATIONS.



WALL TYPE LEGEND

- EXIST. WALL TO REMAIN
- NEW MTL. STUD WALL
- NEW MTL. STUD WALL REQUIRING SOUND INSULATION



FLOOR PLAN
8,000 TOTAL S.F.

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



**BARKSDALE
AIR FORCE BASE
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM
K3A
kevin bryan architect
7112 TEXAS ST. - SHREVEPORT, LOUISIANA 71101
WORKS 318-473-9980



Designer	WKB	Project Manager	
Drafter		Date	

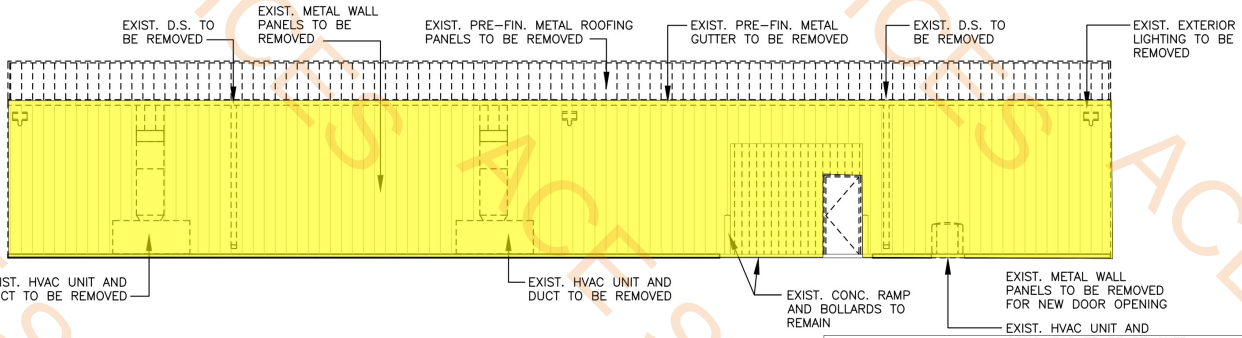
REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
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TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE	
EXTERIOR ELEVATIONS	
SHEET	A4.1 OF 12A

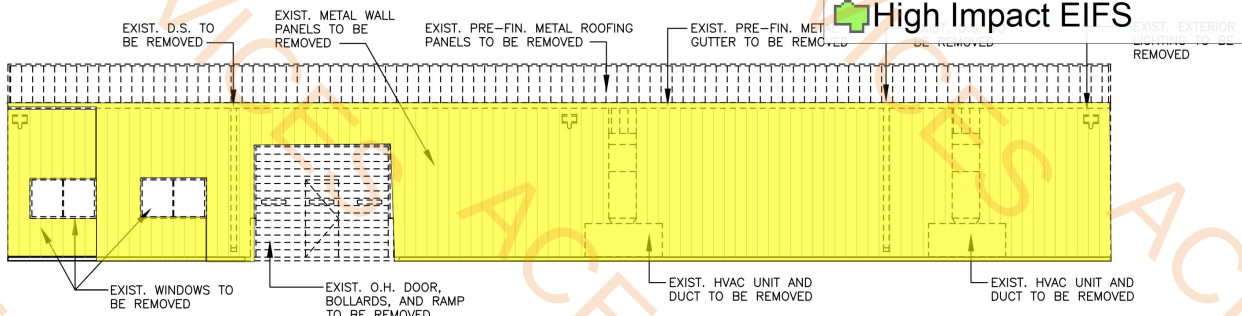
PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

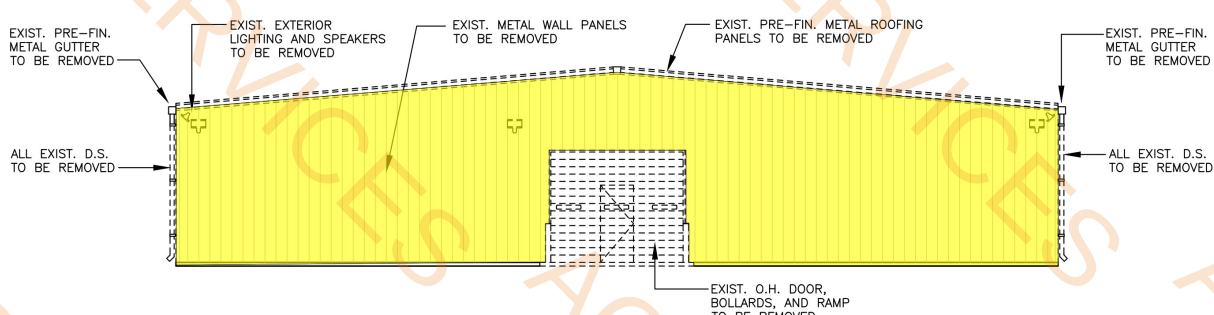
Drawing Number
Facility Number
B7283



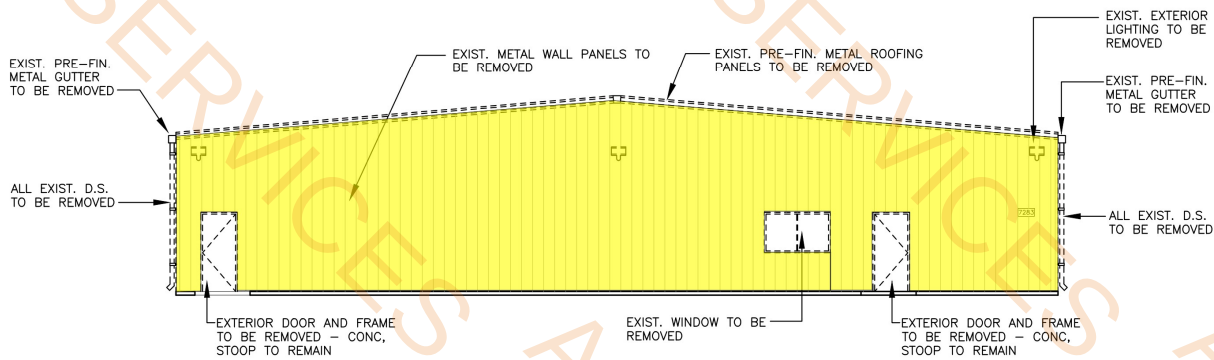
BUILDING 7283 DEMOLITION - NORTH ELEVATION



BUILDING 7283 DEMOLITION - SOUTH ELEVATION



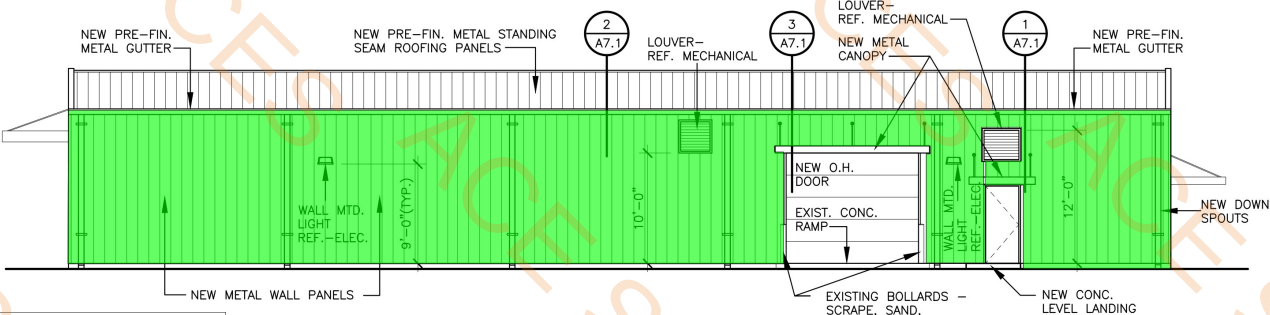
BUILDING 7283 DEMOLITION - EAST ELEVATION



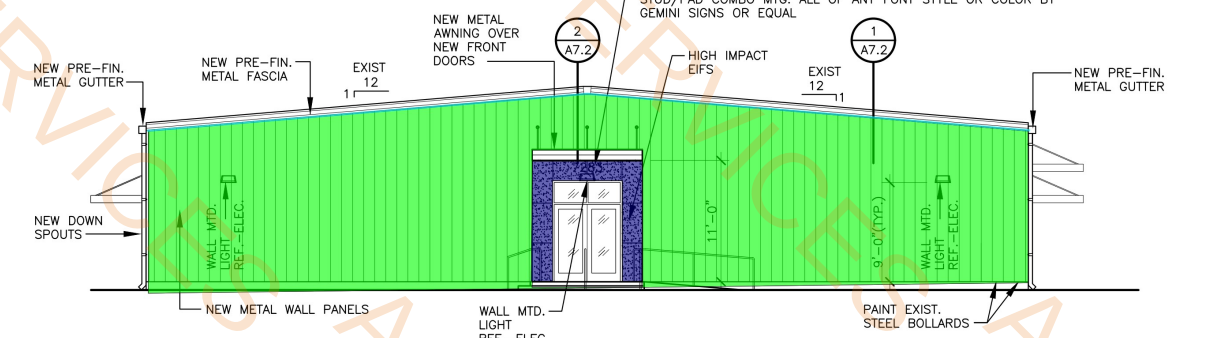
BUILDING 7283 DEMOLITION - WEST ELEVATION

- Remove Metal Wall Panels
- New Metal Wall Panels
- Pre Finish Metal Fascia
- Down Spouts @ 14'H
- High Impact EIFS

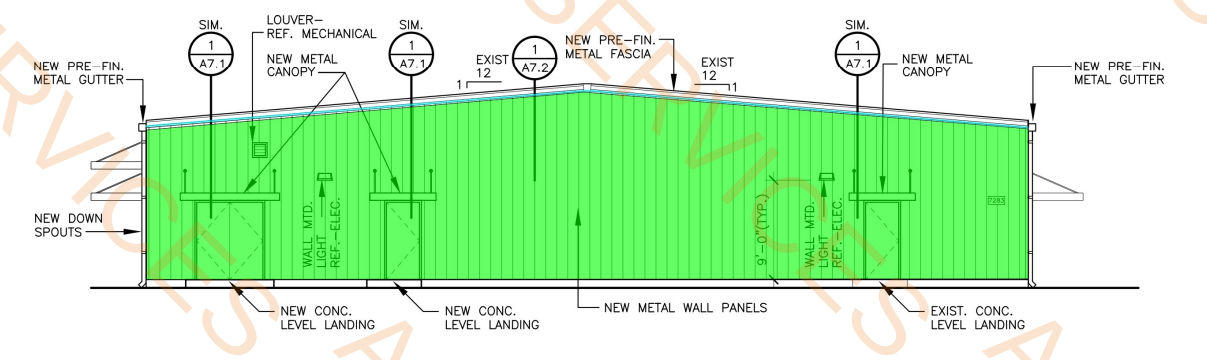
4785.0 SQ FT
5041.7 SQ FT
160.7 FT
0.0 EA
50.9 SQ FT



SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Environmental Engineer
	Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM
K3A
kevin bryan architect
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101
WORKS 318.473.9992



Designer	WKB	Project Manager	
Drafter		Date	

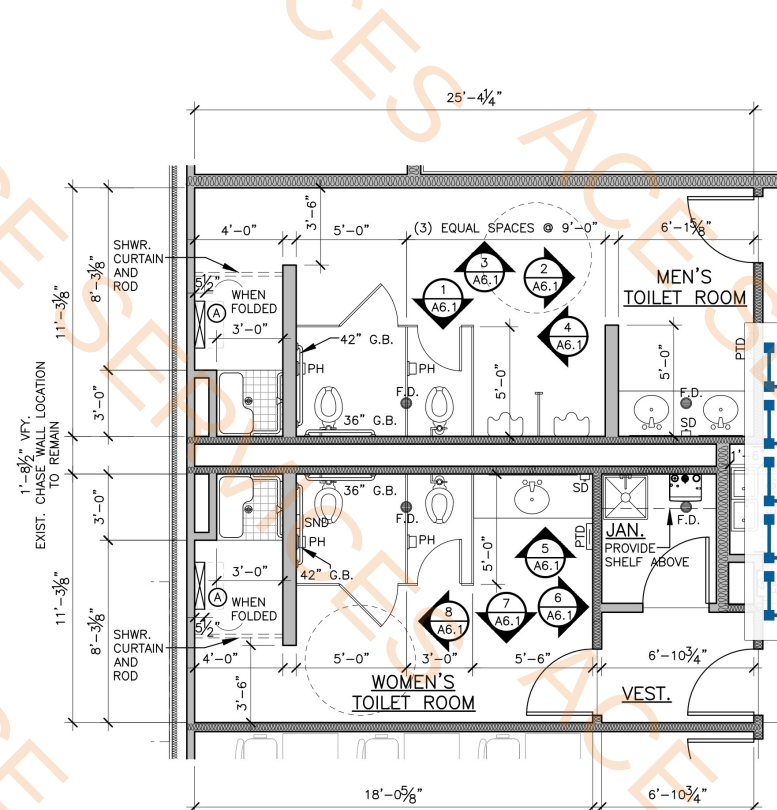
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TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE	
ENLARGED TOILET PLANS AND INTERIOR ELEVATIONS	
SHEET	OF
A6.1	12A

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
Facility Number
B7283

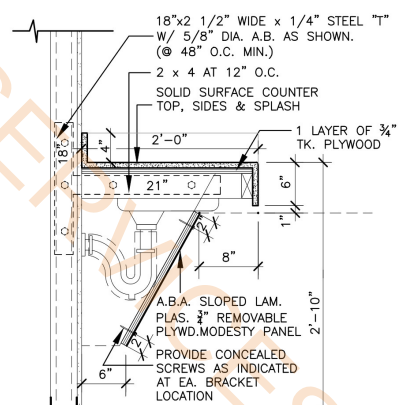


ENLARGED RESTROOMS

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

A THIS IS A NEW WALL MTD. SHOWER SEAT EQUAL TO ROBRICK SOLID PHENOLIC FOLDING DRESSING AREA SEAT 6-5193. CONTRACTOR MUST APPLY ADEQUATE WOOD BLOCKING IN WALL PER MFR'S. RECOMMENDATIONS PRIOR TO INSTALLATION

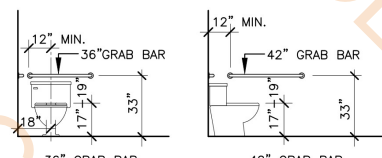
CONTRACTOR NOTE:
MUST PROVIDE TREATED WOOD BLOCKING AS INDICATED HERE - INCLUDING A 2X4 TREATED WD. TOP AND BOTTOM PLATE WITH DBL. 2X8 TREATED HEADERS BETWEEN - 4'-0" HORIZONTALLY AND VERTICAL DISTANCE AS DETAIL INDICATES



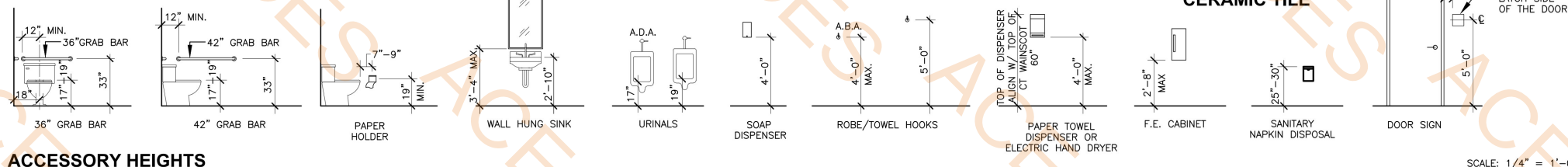
SECTION
A-A6.1
SCALE: 1" = 1'-0"

TYPICAL TILE BASE DETAIL

SCALE: 3" = 1'-0"



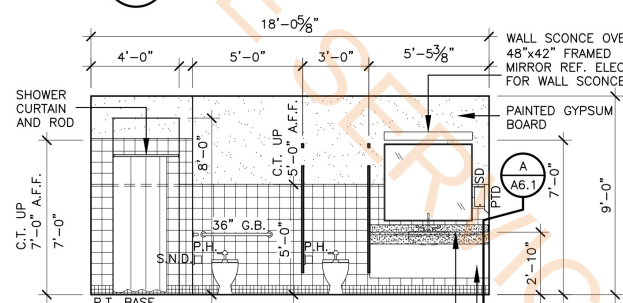
ACCESSORY HEIGHTS



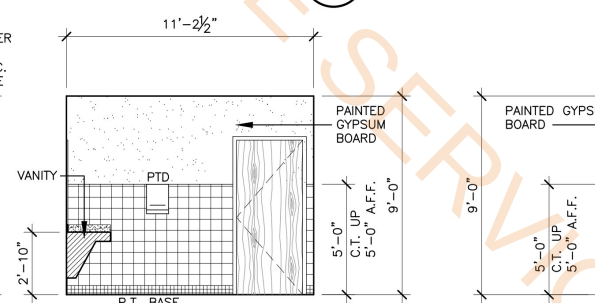
- 1'D x 2'-6"H Wall Cabinets
- 1'D x 1'-3"H Wall Cabinets
- 2'D x 7'H Wall Cabinets
- 2'D x 2'-10"H Base Cabinets
- 1'D x 1'-3"H Open Cabinet

ELEVATION
2.0 FT
7.6 FT
2.1 FT
10.0 FT
2.0 FT

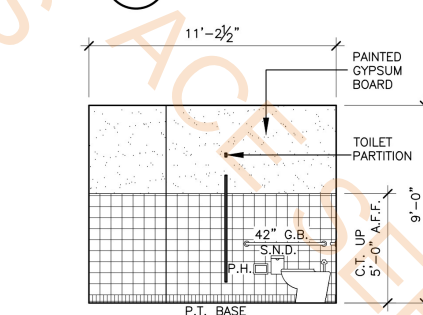
ELEVATION
3
A6.1
SCALE: 1/4" = 1'-0"



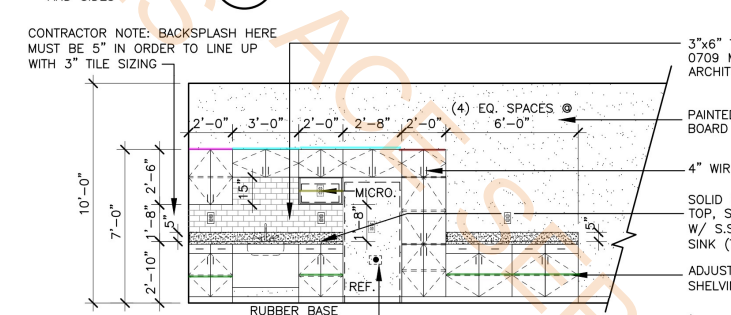
ELEVATION
4
A6.1
SCALE: 1/4" = 1'-0"



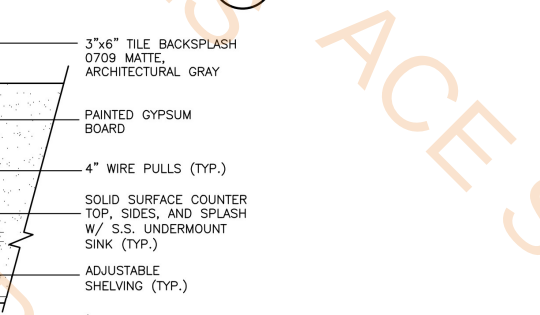
ELEVATION
5
A6.1
SCALE: 1/4" = 1'-0"



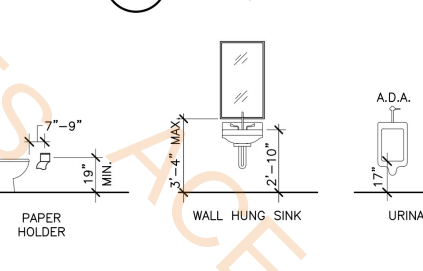
ELEVATION
6
A6.1
SCALE: 1/4" = 1'-0"



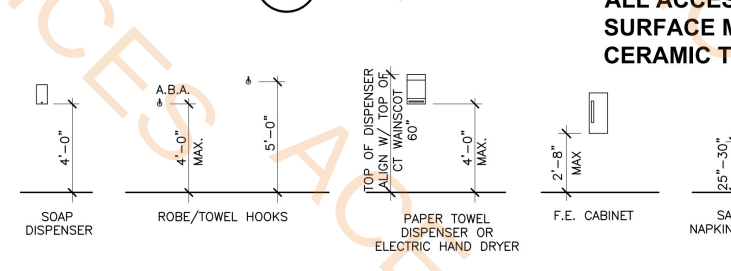
ELEVATION
7
A6.1
SCALE: 1/4" = 1'-0"



ELEVATION
8
A6.1
SCALE: 1/4" = 1'-0"



ELEVATION
9
A6.1
SCALE: 1/4" = 1'-0"



NOTE:
ALL ACCESSORIES
SURFACE MOUNT TO
CERAMIC TILE

INSTALL ON LATCH SIDE OF THE DOOR

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



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioclimatological Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM

K3A
kevin bryan architect
712 TEXAS ST. - SHREVEPORT, LOUISIANA 71101
WORKS 318-473-1990



Designer	WKB	Project Manager	
Drafter		Date	

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
TITLE 1-B 100%	6 MAY 2021
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SHEET TITLE

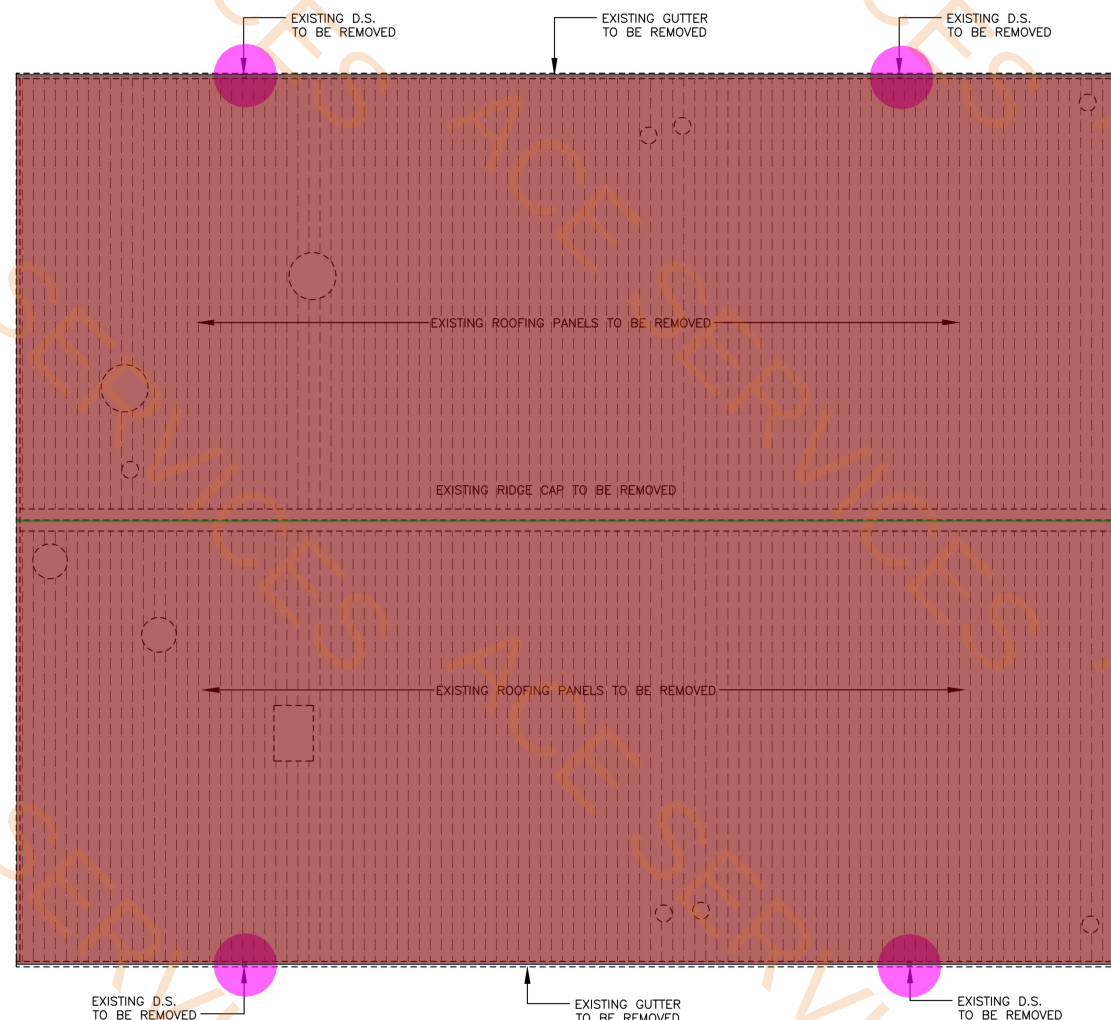
ROOF PLANS

SHEET	A9.1	OF	12A
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

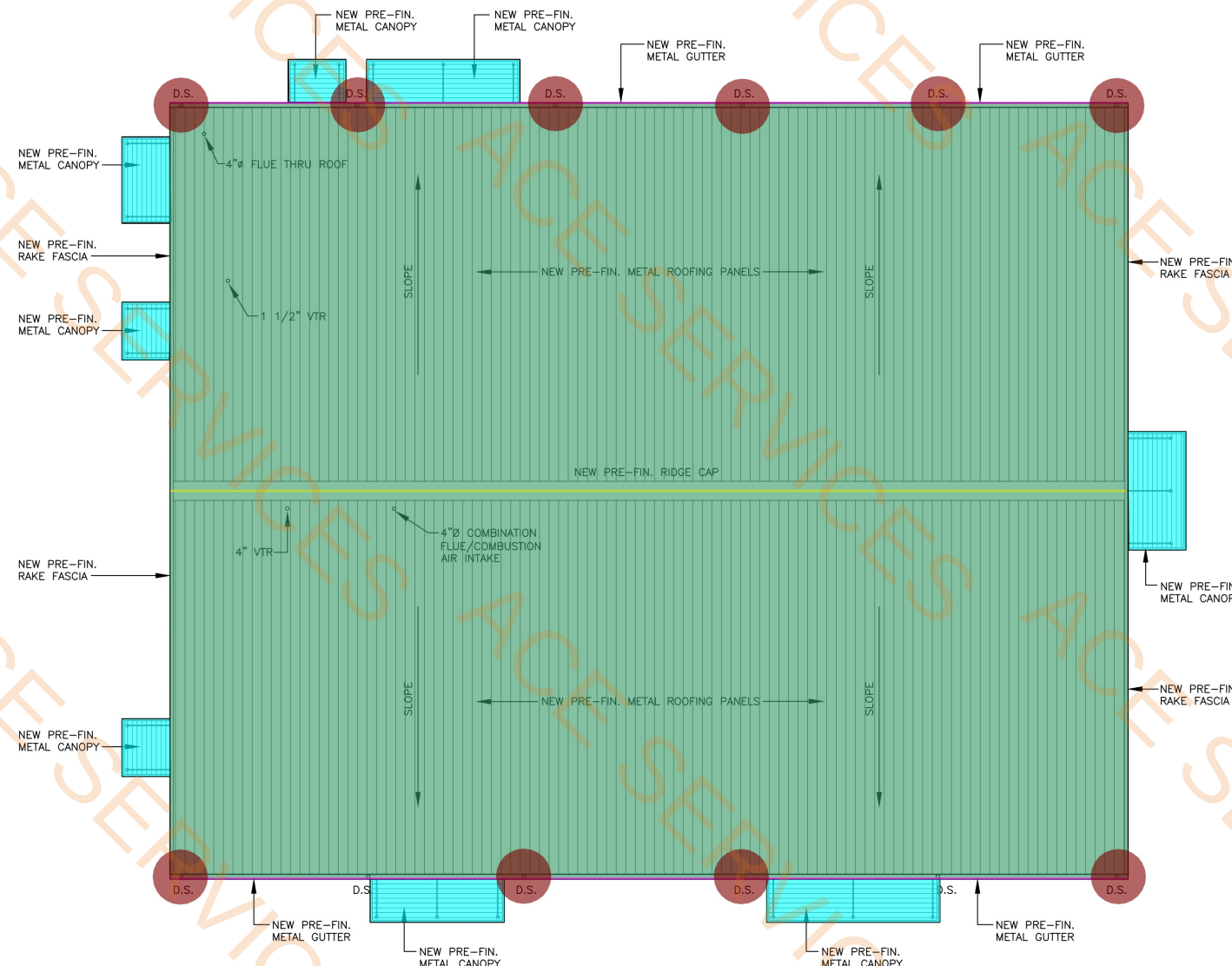
Project Number
OPP. NO. 1097173

Drawing Number
Facility Number
B7283



DEMOLITION ROOF PLAN

SCALE: 1/8" = 1'-0"



ROOF PLAN

SCALE: 1/8" = 1'-0"

- Remove Downspot @ 14'H
- Remove Metal Gutter
- Remove Metal Roof Panel
- Remove Ridge Cap
- Pre Finish Metal Canopy
- Pre Finish Metal Roofing Panels
- Pre Finish Ridge Cap
- Pre Finish Metal Gutter
- Down Spouts @ 14'H

4.0 EA
199.8 FT
8067.8 SQ FT
100.1 FT
425.3 SQ FT
8102.8 SQ FT
99.8 FT
200.1 FT
10.0 EA

FOR ALL ROOFTOP
PENETRATION DETAILS,
REFER TO MECHANICAL



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication Computers
	Bioclimatological Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	WKB	Project Manager	
Drafter		Date	

REVISION

REVISION	BY/DATE
TITLE 1-B 65%	21 JAN 2021
TITLE 1-B 95%	31 MAR 2021
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SHEET TITLE

FINISH PLAN
AND SCHEDULE

SHEET	ID1	OF	1ID
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
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B7283



FINISH PLAN

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

THIS SHEET MUST BE PRINTED IN COLOR TO
FULLY UNDERSTAND THE FINISH SCHEDULE

FINISH LEGEND - B7283				
COLOR	FLOOR	BASE	WALL	CEILING
	CPT1	RB1	PT1/ PT2	ACT 1
	LV11	RB1	PT4-CORRIDOR PT1-FIELD CLASSROOM	ACT 1
	CT1	CB1	WT1-2/PT1/PT2	PT6 (PT2-MENS, PT1-WOMENS)
	SC1	RB2	PT4	ACT 1

SID - INTERIOR FINISHES - B7283					
FLOOR	CODE	MFG.	PRODUCT	COLOR	REMARKS
CARPET	CPT1	SHAW	CURRENT TILE, ST350	49440 SEDIMENT SKY	9X36, THICK ASHLAR INSTALL
LUX VINYL TILE	LV11	SHAW	4110V, TERRAIN II 20 MIL 5MM	00572, TIMBER	
PORCELAIN TILE	CT1	DALTILE	KEYSTONES GROUPS 1 & 2 COLORBODY PORCELAIN	D202 UPTOWN TAUPE	2x2 MOSAIC
SEALED CONCRETE	SC1				
BASE					
CERAMIC PORCELAIN BASE	CB1	DALTILE	KEYSTONES GROUPS 1 & 2 COLORBODY PORCELAIN	D202 UPTOWN TAUPE	2"x2" COVE BASE
RUBBER	RB1	TARKETT /JOHNSONITE	4.25" MILLWORK-REVEAL	TG6, MINK	
RUBBER	RB2	TARKETT /JOHNSONITE	4" COVE	TG6, MINK	
WALLS					
PAINT	PT1	SHERWIN WILLIAMS	SW7516	KESTREL WHITE	FIELD, EGGSHELL
PAINT	PT2	SHERWIN WILLIAMS	SW7663	MONORAIL SILVER	ACCENT, EGGSHELL
PAINT	PT3	SHERWIN WILLIAMS	NOT USED	NOT USED	NOT USED
PAINT	PT4	SHERWIN WILLIAMS	SW7631	CITY LOFT	ACCENT, EGGSHELL
PAINT	PT5	SHERWIN WILLIAMS	SW7043	WORLDLY GRAY	DOOR TRIM/MIL. DOORS, EPOXY MECH/ELEC/IT
PAINT	PT6	SHERWIN WILLIAMS	SW7006	EXTRA WHITE	CEILING, SEMI - GLOSS
CERAMIC	WT1	DALTILE	0109, GLOSS, FIELD	ARCHITECTURE GREY	6"H X 6"W
CERAMIC	WT2	DALTILE	0109, GLOSS, TOP CAP	ARCHITECTURE GREY	.75"H X 6"W
MISC.					
TOILET PARTITION	TP1	BRADLEY	HDPE	M244, CANYON GRANITE	FLOORS
GROUT	GR1	CUSTOM BLDG. PROD.	EPOXY	185 NEW TAUPE	WALLS
GROUT	GR2	CUSTOM BLDG. PROD.	EPOXY	386 OYSTER GRAY	
DOOR FINISH	VF1	MASONITE ARCHITECTURE	ESPIRO SERIES	COCOA BEAN - STAIN	ALL NEW WOOD DOORS
COUNTER TOPS	SS1	CORIAN	SOLID SURFACE	WHISPER	TOILET ROOM COUNTERS
COUNTER TOPS	SS2	CORIAN	SOLID SURFACE	NEUTRAL AGGREGATE	AT BREAKROOM MILLWORK
CABINETS	PL1	WILSONART	7970K-18	HIGHLINE	BREAKROOM MILLWORK
CEILING	ACT1	ARMSTRONG	CIRRUS HIGH NRC, 556	#556, WHITE	REGULAR, NRC .75, GRC .35, 15/16 GRID
FOLDING PARTITION	FB-1	DESIGNTEX	BINARY	GUNMETAL	MATCH FABRIC
1" HOR. WINDOW BLINDS	BALI			SLATE	



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.



Designer	MWS	Project Manager	RKC
Drafter	ADF	Date	OCT 2020

REVISION	BY/DATE
TITLE 1-B 35%	12 OCT 2020
TITLE 1-B 65%	21 JAN 2021
TITLE 1-B 95%	31 MAR 2021
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SHEET TITLE	
SITE PLAN	
SHEET	C2.1 OF 4C

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
B7283

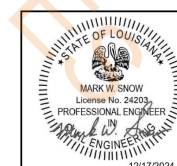
- 24' Wide Cantilever Gate
- Chain Link Fence
- Personnel Gate
- Fence Fabric @ 7'H & Barb Wire

2.0 EA
568.3 FT
1.0 EA
240.9 FT



GENERAL NOTES

1. THE CONTRACTOR IS TO PROTECT ALL EXISTING UTILITIES AND ADJACENT PROPERTY AT ALL TIMES AND REPAIRING ANY DAMAGE AT HIS EXPENSE TO THE SATISFACTION OF THE GOVERNMENT.
2. THE CONTRACTOR MUST ASSURE THAT ADJACENT ROADWAYS, ROAD SHOULDERS AND ASSOCIATED DITCHES ARE MAINTAINED FOR SAFE TRAVEL AND MUST TAKE IMMEDIATE ACTION TO REMOVE DEBRIS, MUD, AND OTHER UNSAFE ITEMS FROM ROADWAY, SHOULDER OR DITCHES.
3. CONSTRUCTION BARRELS AND MARKERS SHALL BE USED IN ACCORDANCE WITH M.U.T.C.D. AND BASE ENGINEERING REQUIREMENTS OR AS DIRECTED BY THE BASE ENGINEER WHEN CONSTRUCTION ACTIVITY OCCURS ADJACENT TO ROADS.
4. CONTRACTOR SHALL CLEAR AND GRUB AS REQUIRED FOR CONSTRUCTION OF THE PROJECT.
5. ALL TRENCH, DRAINAGE STRUCTURE AND OTHER EXCAVATIONS SHALL BE MADE IN STRICT ACCORDANCE WITH OSHA REGULATIONS AND OTHER APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, CODES AND ORDINANCES.
6. COORDINATES ARE BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 1983. ELEVATIONS ARE BASED UPON NAVD 88.
7. UTILITIES WERE PLOTTED FROM RECORD DRAWINGS PROVIDED BY THE AIR FORCE. EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE LOCATIONS, DEPTHS, AND SIZES OF KNOWN UTILITIES. VERIFICATION WAS PERFORMED AS BEST AS POSSIBLE USING SURFACE FEATURES COLLECTED DURING THE TOPOGRAPHIC SURVEY. HOWEVER, DISCREPANCIES MAY OCCUR DUE TO UNKNOWN UNDERGROUND FEATURES. CONTRACTOR SHALL VERIFY OR HAVE VERIFIED BY BARKSDALE, AFB PERSONNEL, ALL KNOWN UTILITIES PRIOR TO DIGGING. CONTRACTOR SHALL EXERT EXTREME CAUTION WHILE DIGGING IN ORDER TO PREVENT DAMAGE TO UTILITIES, KNOWN OR UNKNOWN, THAT ARE TO REMAIN. DAMAGE TO EXISTING UTILITIES TO REMAIN RESULTING FROM CONTRACTOR ACTION SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.



CONSULTING ENGINEERS
3003 KNIGHT STREET, SUITE 120
SHREVEPORT, LOUISIANA 71105
phone: 318-425-7432 fax: 318-425-4622
www.AJMC.com

ENGINEER
MARK W. SNOW, P.E.
LICENSE NO. 24203

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BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioclimatological Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM
KBA
kevin bryan architect
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101
WORK: 318-473-9900

Designer	MWS	Project Manager	RKC
Drafter	ADF	Date	OCT 2020

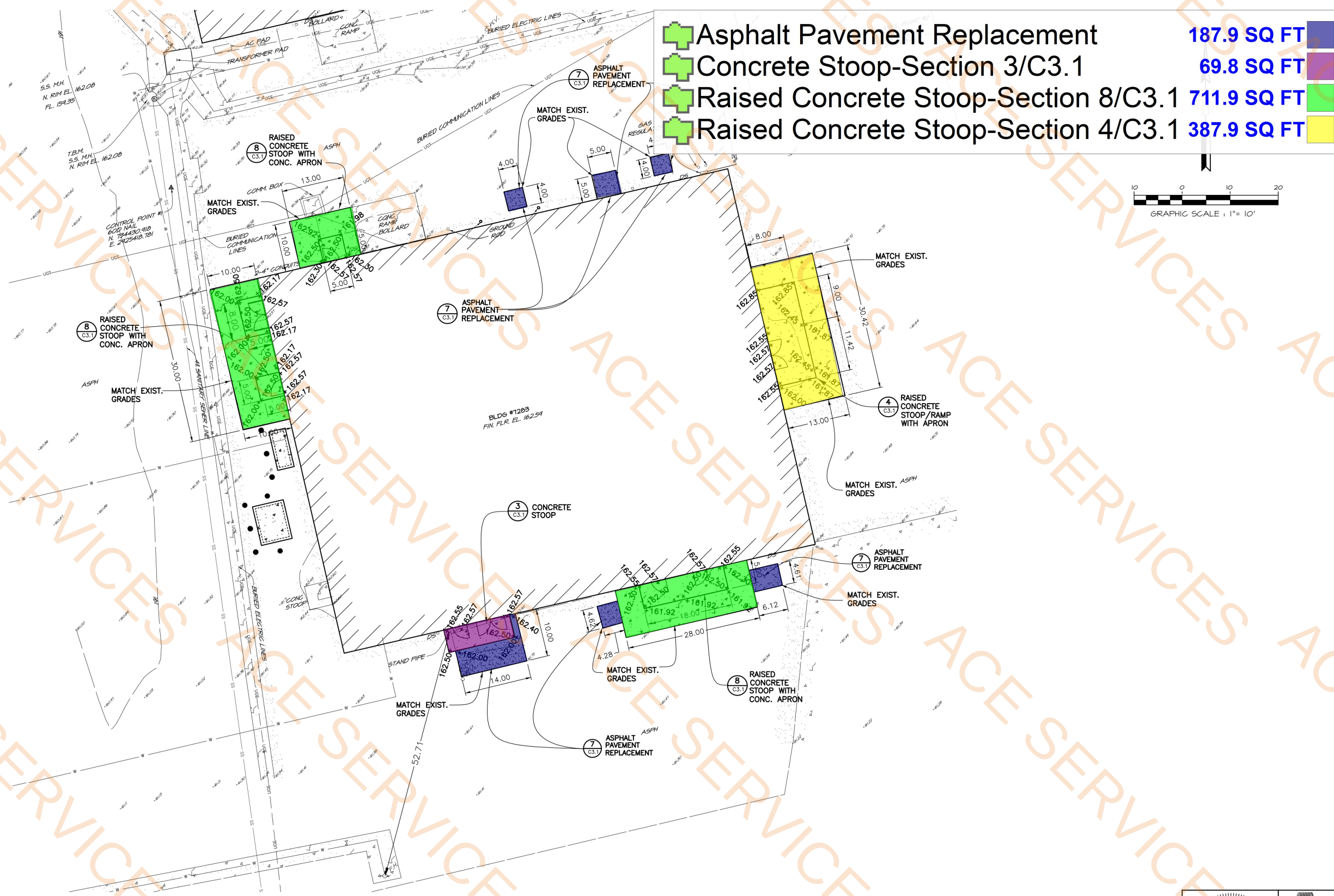
REVISION	BY/DATE
TITLE 1-B 35%	12 OCT 2020
TITLE 1-B 65%	21 JAN 2021
TITLE 1-B 95%	31 MAR 2021
TITLE 1-B 100%	6 MAY 2021
TITLE 1-B 100% REFRESH/REVIEW	30 NOV 2023
TITLE 1-B 100% A REFRESH/REVIEW	9 JAN 2024
TITLE 1-B 100% B MECH/ELEC UPDATE	25 MAR 2024
TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE	
ENLARGED SITE PLAN	
SHEET	OF
C2.2	4C

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
Facility Number
B7283

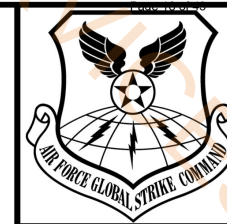


CONSULTING ENGINEERS
3003 KNIGHT STREET, SUITE 120
SHREVEPORT, LOUISIANA 71105
phone: 318-425-7452 fax: 318-425-4622
www.AFJM.com

ENGINEER
MARK W. SNOW, P.E.
LICENSE NO. 24203

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SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication
	Composites
	Bioremediation
	Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing
	Pavements
	Engineer
	Corrosion
	Engineer
	Protective Coating
	Engineer

DESIGN FIRM



Designer	Project Manager
MJW	RKC
Drafter	Date
PSF	OCTOBER 2020

REVISION	BY/DATE
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SHEET TITLE

FRAMING PLAN

SHEET	OF
S1.1	3S

PROJECT TITLE
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LOUISIANA 71110

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ENGINEER: MATTHEW J. WALLACE, P.E., S.E.
LICENSE NO. 25922

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609.7 SQ FT
34.5 FT
20.3 FT
1.0 EA
31.5 FT

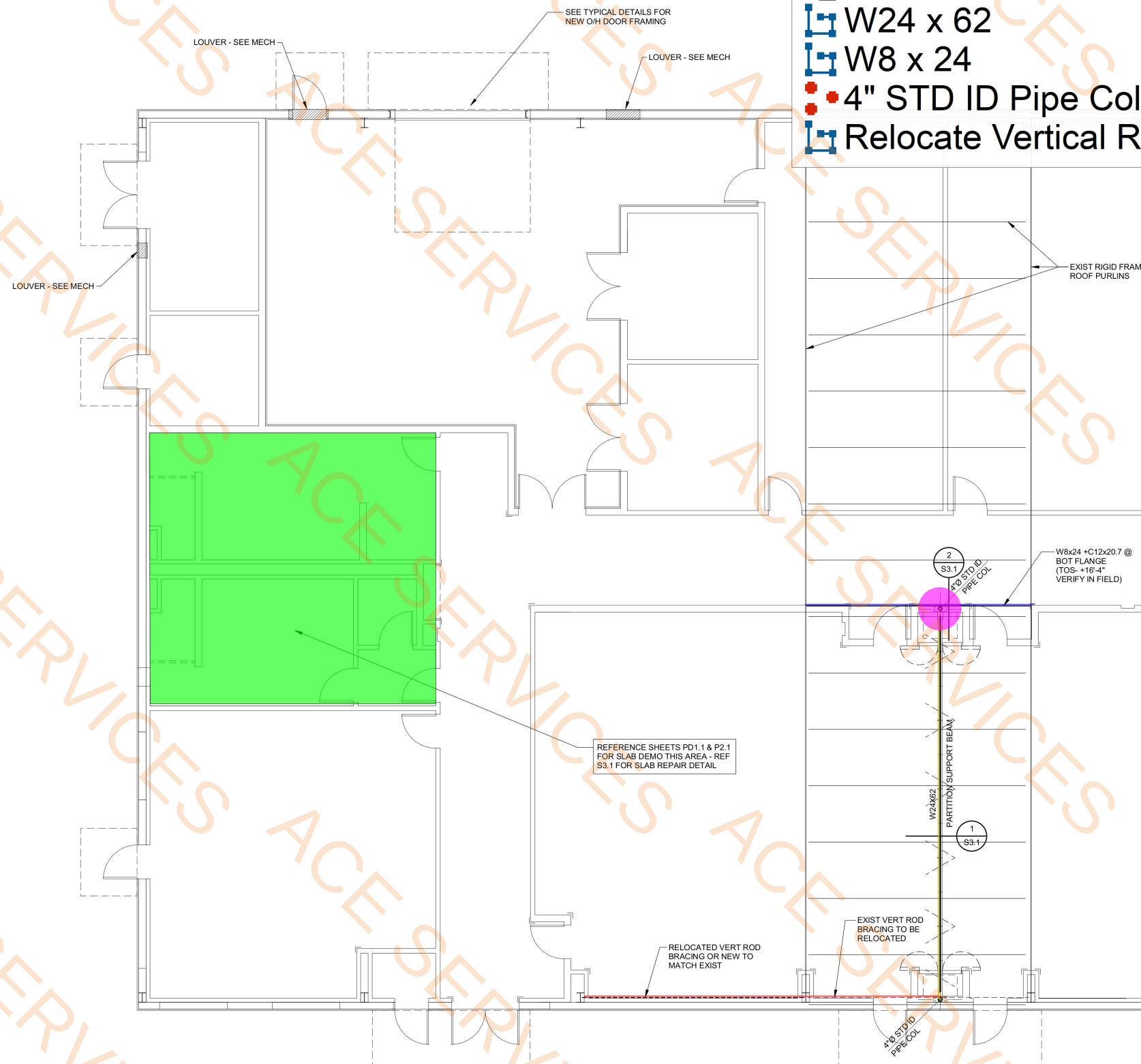
8" CONCRETE PAD
W/ #5 @ 12" OC
SEE MECH FOR SIZE

COMPACTED SELECT
FILL OR NATIVE SOIL
EXTERIOR
TYPICAL EQUIPMENT PAD

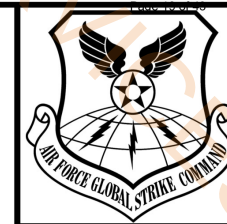
TOP OF CONCRETE SLAB-ON-GRADE
ROUGHEN TO 1/4" AMPLITUDE
ROUGHNESS
SEE MECH FOR SIZE
1" CLR
4x4-W5.5xW5.5 WWF
HILTI EPOXY
GROUT OR EQ
#4 DOWEL EACH CORNER
& 48" OC EACH WAY
1/2"
4"
1/2"
INTERIOR
TYPICAL EQUIPMENT PAD

(4)-3/4"Ø x 5 1/4"
HILTI KB3 OR
EQUAL
1 1/2" x 1 1/2" x 1 1/2"
2" 5" 5" 2"
CL COL
CL COL
4"Ø STD ID
PL 5/8
4"Ø STD ID PIPE COLUMN
BASE PLATE DETAIL

Concrete Slab
W24 x 62
W8 x 24
4" STD ID Pipe Col
Relocate Vertical Rod Bracing



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



**BARKSDALE
AIR FORCE BASE
LOUISIANA**

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COORDINATION

	Airfield Manager
	Ground Safety
	Communication
	Computer
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing
	Engineer
	Pavements
	Corrosion
	Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	Project Manager
MJW	RKC
Drafter	Date
PSF	OCTOBER 2020

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SHEET TITLE

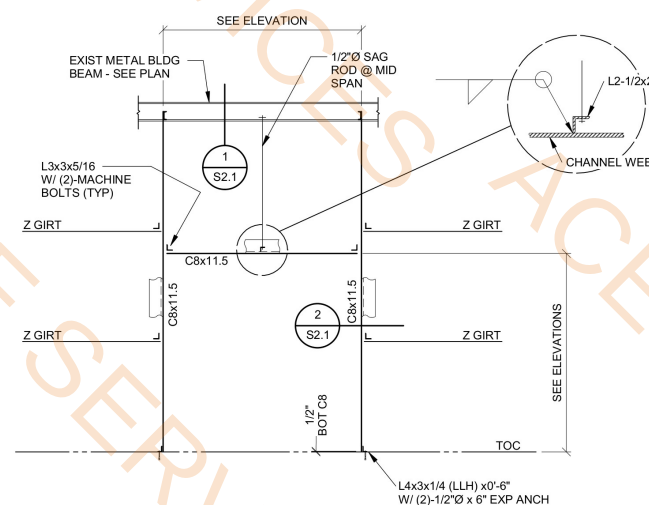
GIRT ELEVATIONS

SHEET	OF
S2.1	3S

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

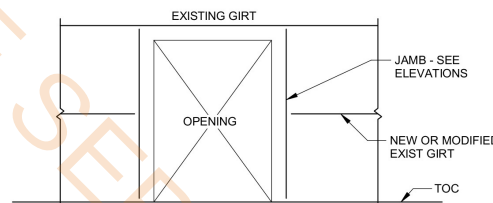
Project Number
OPP. NO. 1097173

Drawing Number
B7283

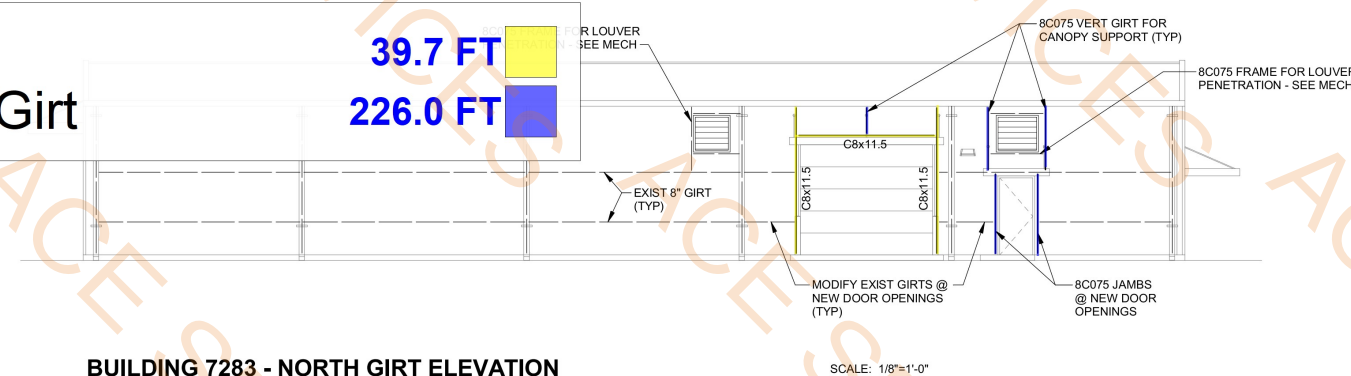


TYPICAL OVERHEAD DOOR FRAME

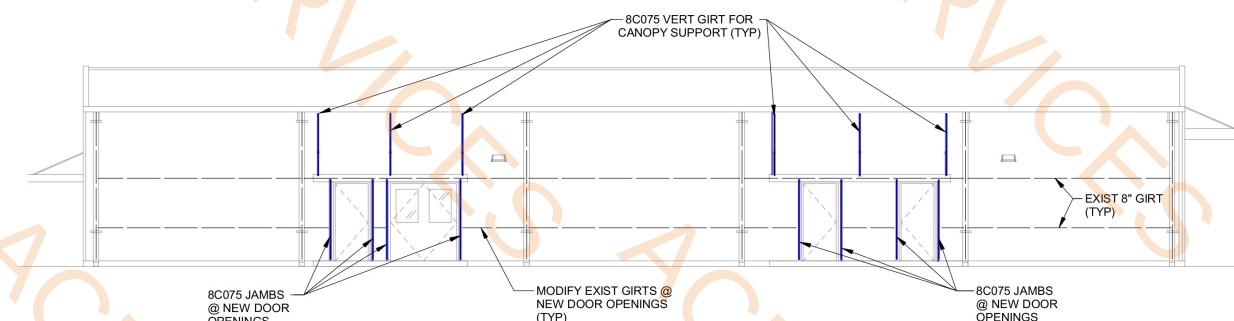
**C8x11.5
8C075 Vertical Girt**



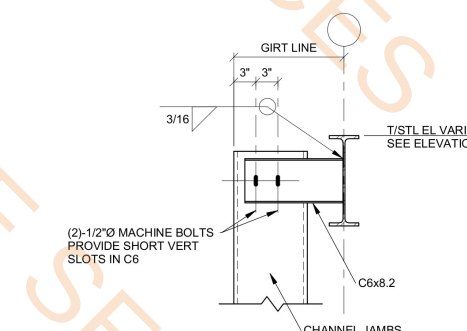
**TYPICAL FRAMED OPENING
AT INTERRUPTED GIRT**



BUILDING 7283 - NORTH GIRT ELEVATION



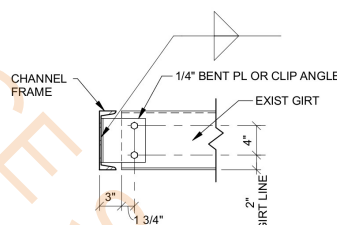
BUILDING 7283 - SOUTH GIRT ELEVATION



SECTION

SCALE: 1" = 1'-0"

1
S2.1

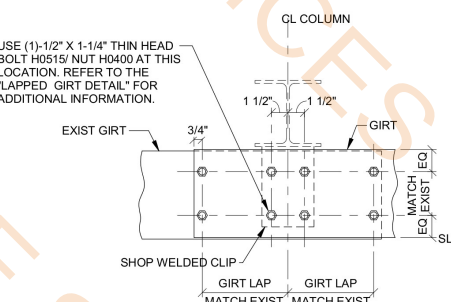


**TYPICAL GIRT CONNECTION
TO OVERHEAD DOOR FRAME**

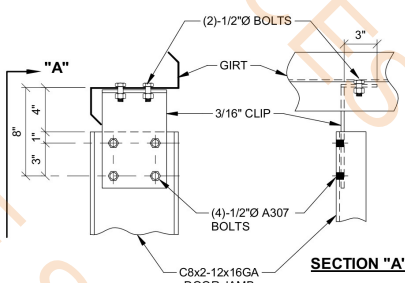
SECTION

SCALE: 1" = 1'-0"

2
S2.1

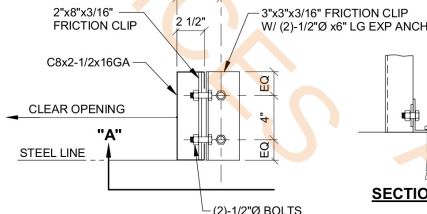


ADDED GIRT DETAIL @ COLUMNS

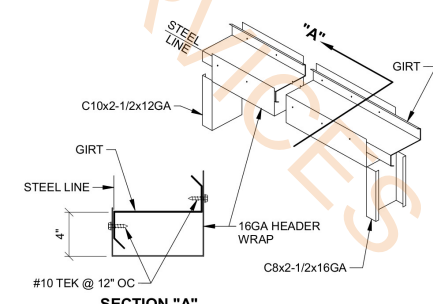


MANDOOR JAMB TO GIRT CONNECTION

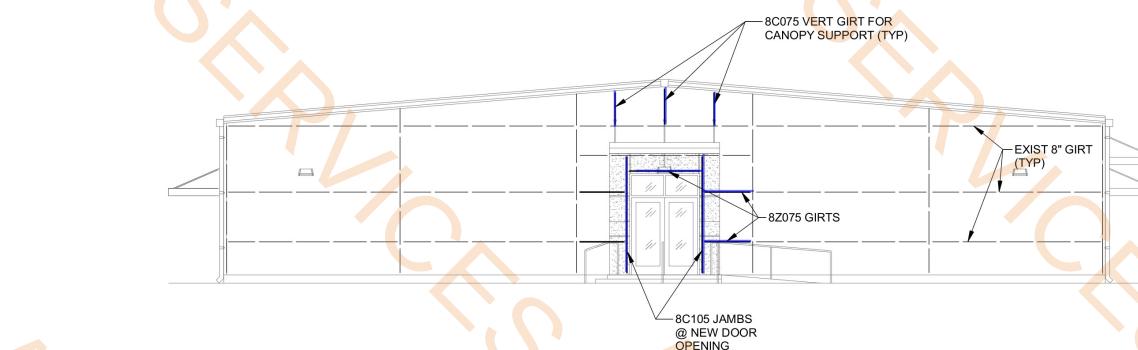
LAPPED BYPASS GIRTS AT INTERIOR BAY COLUMNS.
NOTE: USE (7) 1/2"x 1-1/4" A307 BOLTS H0500/NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



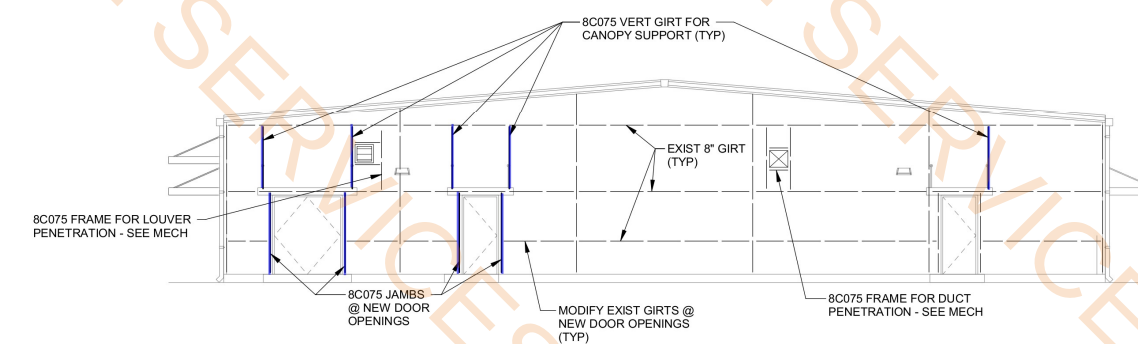
**MANDOOR JAMB TO FINISH FLOOR
CONNECTION**



MANDOOR HEADER WRAP DETAIL



BUILDING 7283 - EAST GIRT ELEVATION



BUILDING 7283 - WEST GIRT ELEVATION

REFERENCE S3.1 FOR TYPICAL GIRT DETAILS

STATE OF LOUISIANA
MATTHEW J. WALLACE
License No. 25022
PROFESSIONAL ENGINEER
12/17/24

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ENGINEER: MATTHEW J. WALLACE, P.E., S.E.
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BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Chief Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	DWB	Project Manager	RKC
Drafter	DWB	Date	OCT 2020

REVISION	BY/DATE
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TITLE 1-B 100% D REFRESH FINAL	26 FEB 2025

SHEET TITLE

ELECTRICAL DEMOLITION
PLAN

SHEET	ED1.1	OF	8E
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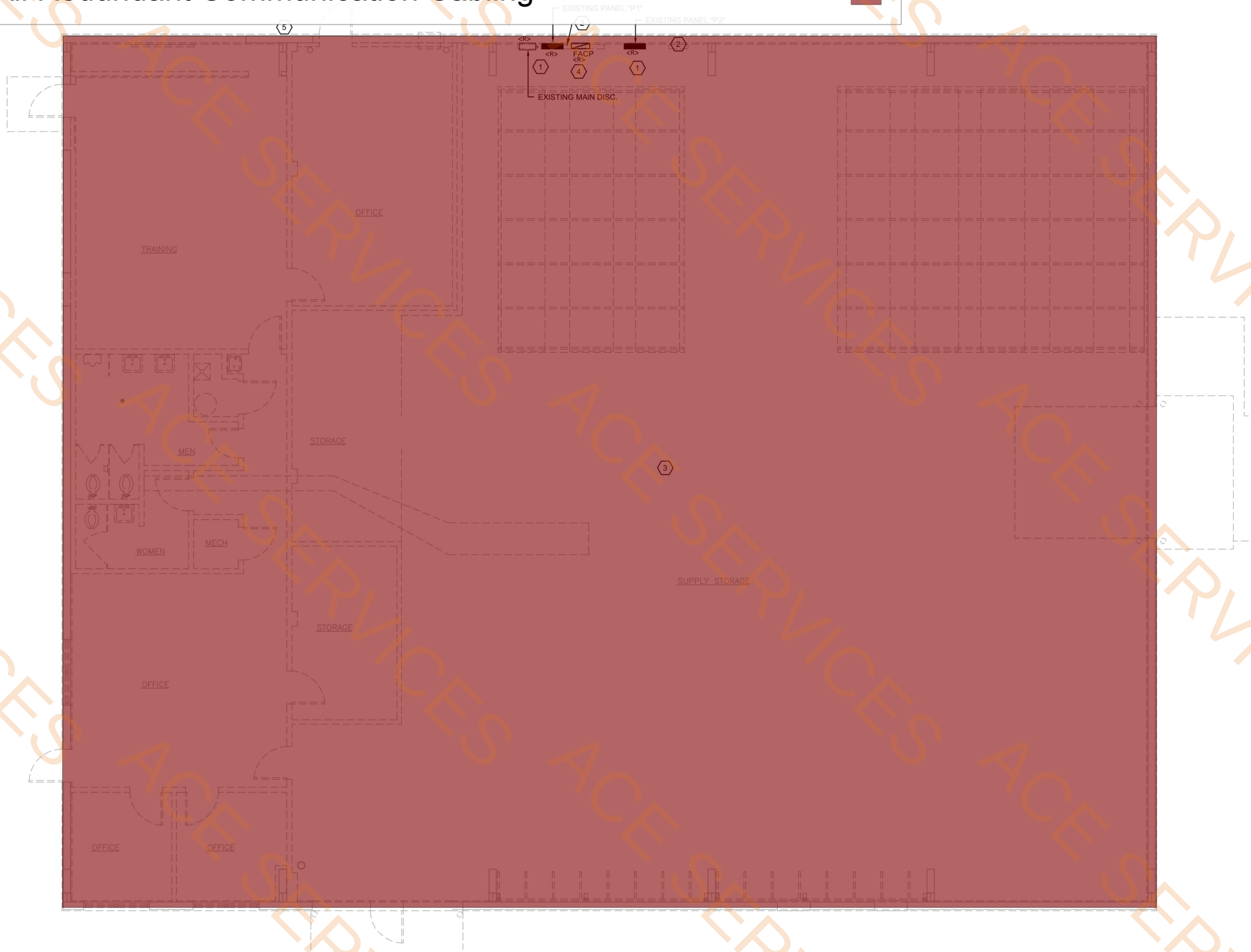
PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
B7283

Remove All Redundant Communication Cabling

7946.5 SQ FT



ELECTRICAL DEMOLITION PLAN

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

CONSULTING ENGINEERS
3003 KNIGHT STREET, SUITE 120
SHREVEPORT, LOUISIANA 71105
phone: 318-425-7452 fax: 318-425-4122
www.AJFJM.com

ENGINEER: DANIEL W. BROWN, P.E.
LICENSE NO. 41687

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AIR FORCE BASE
LOUISIANA**

APPROVED

SIGNATURE	OFFICE
	Chief Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Armed Manager
	Ground Safety
	Communication Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	DWB	Project Manager	RKC
Drafter	DWB	Date	OCT 2020

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SHEET TITLE

ELECTRICAL LIGHTING PLAN

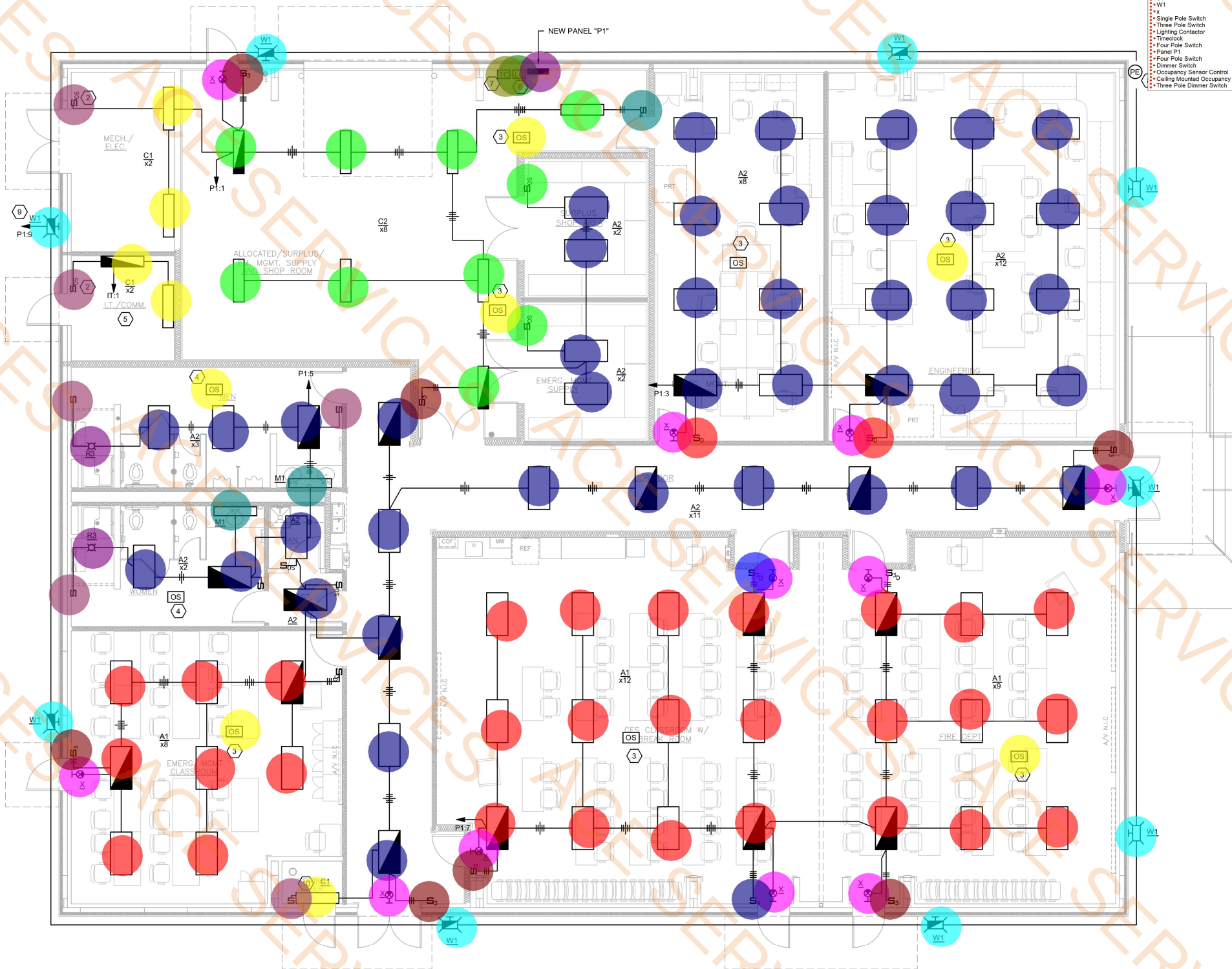
SHEET	E2.1	OF	8E
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number **OPP. NO. 1097173**

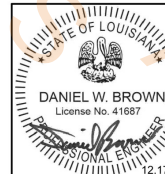
Drawing Number **B7283**

- A2
 - R3
 - M1
 - A1
 - C2
 - C1
 - W1
 - X
 - Single Pole Switch
 - Three Pole Switch
 - Lighting Contactor
 - Timeclock
 - Four Pole Switch
 - Panel P1
 - Four Pole Switch
 - Dimmer Switch
 - Occupancy Sensor Control
 - Ceiling Mounted Occupancy Sensor
 - Three Pole Dimmer Switch
- ELECTRICAL NOTES**
- NOT USED
2. PASSIVE INFRARED, SELF ADAPTIVE, WALL MOUNTED OCCUPANCY SENSOR SWITCH EQUAL TO HUBBELL "LH-IR-S-1-W".
3. DUAL TECHNOLOGY, SELF ADAPTIVE, CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO HUBBELL "OMNI DT-2000". PROVIDE POWER PACK(S) AS REQUIRED FOR LIGHTING LOAD CONTROLLED. EXACT QUANTITY AND LOCATION OF SENSORS AS PER MANUFACTURER'S RECOMMENDATION.
4. DUAL TECHNOLOGY, SELF ADAPTIVE, CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO HUBBELL "OMNI DT-500". PROVIDE POWER PACK(S) AS REQUIRED FOR LIGHTING LOAD CONTROLLED. EXACT QUANTITY AND LOCATION OF SENSORS AS PER MANUFACTURER'S RECOMMENDATION.
5. EXACT LOCATION OF LIGHTING FIXTURES SHALL BE DETERMINED AFTER RACKS AND ABOVE RACK CONTAINMENT HAS BEEN LAID OUT. BESIDES PROVIDING THE REQUIRED LIGHTING PER UFC 3-630-01 THEY MUST BE PLACED TO NOT HINDER THE ABILITY TO WORK ON EQUIPMENT AND OR CABLING.
6. EXTERIOR LIGHTING CONTACTOR SHALL BE 4-POLE, RATED 20A/30A (TUNGSTENBALLAST), 120/240 VOLT, 10KAIC WITHSTAND RATING, MECHANICALLY HELD WITH 120 VOLT COIL AND 2-WIRE CONTROL. CONTROL CONTACTOR WITH PHOTOCELL "ON"/"TIMECLOCK OFF" CONTROL. PROVIDE ENGRAVED NAMEPLATE DENOTING "EXTERIOR LIGHTING CONTACTOR", ATTACHED WITH SCREWS OR RIVETS. REFERENCE DETAIL "B", SHT. E5.1. LIGHTING CONTROL, INCLUDING PHOTOCELL MUST BE EASILY ACCESSIBLE AT GROUND LEVEL.
7. NEW LIGHTING TIME CLOCK SHALL BE SETUP TO CONTROL THE NEW LIGHTING CONTACTOR VIA PHOTO CELL AS FOLLOWS: TURN ON OUTDOOR LIGHTING AT DUSK AND TURN OFF LIGHTING AT DAWN OR OTHER TIME AS STIPULATED BY OWNER. PROVIDE NAMEPLATE DENOTING "OUTDOOR LIGHTING TIME CLOCK", ATTACHED WITH SCREWS OR RIVETS. LIGHTING CONTROL, INCLUDING PHOTOCELL MUST BE EASILY ACCESSIBLE AT GROUND LEVEL. TIME CLOCK SHALL BE ASTRONOMICAL, NO BATTERY REQUIRED.
8. OUTDOOR LIGHTING PHOTOELECTRIC SWITCH SHALL BE EQUAL TO TORK MODEL 2107. LIGHTING CONTROL, INCLUDING PHOTOCELL MUST BE EASILY ACCESSIBLE AT GROUND LEVEL.
9. ROUTE CONDUCTORS THRU EXTERIOR LIGHTING CONTACTOR.
10. MOUNT STRIP FIXTURE ABOVE DOOR.



ELECTRICAL LIGHTING PLAN

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



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PHONE: 337-425-7452 FAX: 337-425-4922
WWW.AJFJMC.COM

ENGINEER: DANIEL W. BROWN, P.E.
LICENSE NO.: 41687

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	Biomedical Engineer
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	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	DWB	Project Manager	RKC
Drafter	DWB	Date	OCT 2020

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SHEET TITLE

ELECTRICAL POWER PLAN

SHEET	E3.1	OF	8E
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
B7283

- Duplex Receptacle 72.0 EA
- Double Duplex Receptacle 16.0 EA
- Duplex Outlet With Ground Fault 1.0 EA
- Panel P1 1.0 EA
- Fire Alarm Control Panel 1.0 EA
- Motor Rated Wall Switch 5.0 EA
- Duplex Outlet Flush Mounted With Ground Fault 4.0 EA
- Duplex Outlet Flush Mounted 1.0 EA
- Disconnect Switch Fusible 1.0 EA
- Junction Box 3.0 EA
- Single Pole Switch 1.0 EA

RACK INSTALLATIONS. MAINTAIN MINIMUM 3 FEET FRONT CLEARANCE REQUIRED BY CODE. IAW UFC 3-580-01 PARA. 2.4.3.2

2. GROUND BAR. REF. DETAIL "A", SHEET E5.1.

3. RECEPTACLE FOR WALL MOUNTED TV/MONITOR. VERIFY MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGH-IN.

4. PROVIDE A 30AS-3P/20AF NEMA 1 DISCONNECT FOR EACH OF THE TWO PUMPS (HWP-1 AND HWP-2). CONNECT TO CIRCUITS P1:59/61/63 AND P1:65/67/69 RESPECTIVELY.

5. CONNECT EXTERIOR RECEPTACLES (EXCEPT THE WELDING RECEPTACLE) TO CIRCUIT P1:68.

6. MICROWAVE RECEPTACLE MOUNTED IN MILLWORK AT 5' AFF. REF. ARCHITECTURAL PLANS.

7. J-B-BOX FOR POWER TO COLUMN MOUNTED FAN. VERIFY MOUNTING HEIGHT WITH MECHANICAL PRIOR TO ROUGH-IN. FAN PROVIDED WITH INTEGRAL SWITCH AND SPEED CONTROL. VERIFY LOCATION OF CONTROLLER WITH END USER PRIOR TO ROUGH-IN.

8. VERIFY LOCATION OF DISCONNECT FOR ROOF EXHAUST FAN WITH END USER PRIOR TO ROUGH-IN.

ELECTRICAL POWER PLAN

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



**BARKSDALE
AIR FORCE BASE
LOUISIANA**

APPROVED

SIGNATURE	OFFICE
____	Chief Engineer
____	Chief of Engineering
____	Chief of Design
____	Contracting
____	User

COORDINATION

____	Airfield Manager
____	Ground Safety
____	Communication Computers
____	Bioenvironmental Engineer
____	Security Police
____	Security Systems
____	Fire Chief
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____	Corrosion Engineer
____	Protective Coating Engr.

DESIGN FIRM



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Drafter	DWB	Date	OCT 2020

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SHEET TITLE

ELECTRICAL SYSTEMS PLAN

SHEET	E4.1	OF	8E
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number **OPP. NO. 1097173**

Drawing Number **Facility Number**

B7283

ELECTRICAL NOTES:

- Communication Outlet Voice And Data
- Communication Outlet Voice Only
- Data, HDMI And COAX Outlet
- 24"x24"x6" Nema 3R
- 24"x24"x6" Nema 1
- 4"x12" Wire Basket
- 2"x12" Wire Basket
- Data Outlet For Wifi Hotspot
- Two Gang Recessed Box
- Junction Box
- Data Outlet For EMCS pnel
- CAT 6 Patch Panel
- Key Note #7
- Key Note #8
- 3/4" Plywood Back Board
- 7 FOOT TALL AND BE EQUIPPED WITH HINGED AND REMOVABLE DOORS ON THE FRONT SIDE. THE PREFERRED PRODUCT TO BE USED IS: 19" ORTRONICS MIGHTY MOE 6, PART# OR-MM6710 (7FT) OR-MM6VMD706 FOR 7 FOOT RACK.
- EQUIPMENT RACKS MOUNTING REQUIREMENTS: A MINIMUM OF 36 INCHES (900 MM) SPACE BOTH IN FRONT AND IN BACK OF THE RACK, MEASURED FROM THE EQUIPMENT, AND A MINIMUM SIDE CLEARANCE OF 24 INCHES (600 MM) ON AT LEAST ONE END OF THE RACK OR ROW OF ADJACENT RACKS IS REQUIRED. MOUNT RACKS TO FLOOR USING 1/4" DROP IN ANCHORS WITH CENTER PIN SET. USE 1/2" BOLTS WITH LOCK AND FLAT WASHERS TO SECURE RACKS TO FLOOR. STABILIZE THE TOP OF THE RACKS WITH SLOTTED STRUT CHANNEL. EXACT METHOD SHALL BE DISCUSSED AND APPROVED BY 2 CS PRIOR TO INSTALLATION. PROVIDE 25% SPARE CAPACITY WITHIN EACH RACK. PROVIDE ONE SPARE RACK FOR EVERY FOUR UTILIZED RACKS WITH A MINIMUM OF ONE SPARE RACK PER TELECOMMUNICATION SPACE. (REF: TIA/EIA-569-C PARA. 6.3.9.3 & UFC 3-580-01 PARA. 2-4.4.3)
- COMMUNICATIONS ROOM GROUNDING: FOR THE TGB/TMGB INSTALL AN 18 INCH BY 4 INCH GROUND BUS BAR MOUNTED ON STANDOFFS CONNECTED FACILITY GROUND. INSTALL A HORIZONTAL RACK GROUND BAR AND RACK. USE COOPER B-LINE PART# SBHB119K OR EQUIVALENT. INSTALL A 6 AWG GREEN SHEATH STRANDED CONDUCTOR BETWEEN MAIN GROUND BAR AND EACH RACKS HORIZONTAL GROUND BAR. INSTALL 6 AWG GREEN SHEATH STRANDED CONDUCTOR BETWEEN HORIZONTAL RACK GROUND BAR AND RACK. INSTALL GROUND WARNING LABEL ON INCOMING GROUND AT TGB/TMGB. IAW TIA-607-B, PAR. 7.1.4. USE TAG P/N 01068 OR CALTAG017. AN ANTI-OXIDANT WILL BE APPLIED TO ALL CONNECTIONS. BUILDING GROUNDING SYSTEMS ARE COVERED IN UFC 3-520-01 INTERIOR ELECTRICAL SYSTEMS. ALL GROUND CONNECTIONS SHALL BE MADE WITH IRREVERSIBLE CO CONNECTIONS. PRIOR TO INSTALLATION OF HORIZONTAL RACK GROUND BAR CONTACT MR. MCCALLIE 318-456-4840 OR MR. HEARON AT 318-456-4840 FOR APPROVED LOCATION.
- ALL COMMUNICATIONS OUTLETS SHALL CONSIST OF CAT-6 CABLES IN VARIOUS CONFIGURATIONS OF (2) OR (4) AS REQUIRED AND DETERMINED BY 2 CS FOR THE SPACE BEING SERVED. ALL CAT-6 CABLING SHALL BE TERMINATED USING 568A STANDARD. ALL CABLE/DROPS SHALL BE TESTED TO CAT-6 SPECIFICATIONS. TERMINATE CABLING AT EACH OUTLET UTILIZING VORY 4-PORT FACEPLATES LOADED WITH FOUR (4) VORY CAT-6 RJ-45 JACKS (P/N 61110-R16). (TO REMAIN CONSISTENT WITH BASE INSTALLATION PRACTICES, CONTRACTOR SHALL USE LEVITON BRAND SINGLE GANG FOUR PORT WALL PLATES WITH DESIGNATION WINDOWS, PART# 42080-4IS, LABELS WILL BE MACHINE PRINTED AND PLACED BEHIND THE PLASTIC WINDOWS.
- CAT-6 PATCH PANELS SHALL BE LEVITON 49255-H48 QUICK PORT FLAT PANEL, 48 PORT. CABLE MANAGEMENT BARS INCLUDED. LOAD WITH CAT-6 RJ-45 JACKS (P/N 61110-R16). EACH PANEL SHALL BE COMPLETELY LOADED EVEN WHERE A COMPLETE 48 PORTS ARE NOT UTILIZED FOR CABLING.
- PROVIDE A 2 RU HORIZONTAL CABLE MANAGEMENT UNIT ABOVE AND BELOW EACH PATCH PANEL. EXACT ELEVATION LAYOUT SHALL BE COORDINATED WITH 2 CS. IAW UFC 3-580-01 PARA. 2-4.4.5. CABLE MANAGEMENT UNITS SHALL BE HCM-2D MIDDLE ATLANTIC FRONT CABLE MANAGER WITH D-RINGS - 2R OR A 2 CS APPROVED EQUIVALENT.
- CAT-6 OUTLET BOXES SHALL BE A DOUBLE GANG & DOUBLE DEEP WITH A REDUCER PLATE TO ACCOMMODATE A SINGLE GANG FACEPLATE. BOXES SHALL HAVE A 1 INCH EMT CONDUIT STUBBED UP 6 INCHES ABOVE THE CEILING INTO AN ACCESSIBLE CEILING SPACE. INSTALL CONDUIT END BUSHINGS ON ALL EMT CONDUIT.
- INSTALLATION OF COMMUNICATION OUTLETS FOR EITHER CAT-6 OR FIBER OPTIC CABLES IS STRICTLY PROHIBITED FROM BEING MOUNTED IN OR ON SYSTEMS FURNITURE. ALL CABLING OUTLETS SHALL BE MOUNTED TO FACILITY PERMANENT STRUCTURES. REF: UFC 3-580-01 PARA. 2-5.2.1.1.
-
- WALL MOUNTED TELEPHONE FACEPLATE (WP) SHALL CONSIST OF A STAINLESS STEEL SINGLE-PORT FACEPLATE DESIGNED FOR THE PURPOSE OF HANGING A WALL MOUNTED TELEPHONE. THE UNIT SHALL HAVE TWO METAL BUTTONS THAT HOLD THE TELEPHONE IN PLACE. WITH A CAT-6 CABLE TERMINATED WITH A RJ-45 CONNECTOR. WP OUTLET LOCATIONS SHALL BE LOCATED 56" ABOVE FINISHED FLOOR (AFF) UNLESS OTHERWISE INDICATED. IAW REF: UFC 3-580-01 2-7.2.2

ELECTRICAL SYSTEMS PLAN

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

NOTE:
ALL CABLE CONTAINMENT PROVIDED SHALL EITHER BE J-HOOKS, WIRE BASKET/TRAY OR 4" CONDUITS. NO STEEL OR ALUMINUM LADDER RACK ALLOWED. J-HOOK SPACING SHALL NOT EXCEED 36 CENTER TO CENTER. TIA/EIA-569-B, PARA. 8.6.1 & UFC 3-580-01 PARA. 2-5.3.1. CABLE CONTAINMENT WILL NOT EXCEED A 25% FILL RATE ALLOWING FOR 50% SPARE CAPACITY. WIRE BASKET/TRAY SHALL BE INSTALLED THRU WALLS WITH A CASED OPENING AND HAVE A 1 INCH MINIMUM CLEARANCE MAINTAINED AROUND THE BASKET/TRAY. ONCE ALL CABLES HAVE BEEN INSTALLED THE OPENING AREA WILL BE FIRE STOPPED WITH A REMOVABLE MATERIAL, SOCK, BRICK AND OR PILLOW AS REQUIRED PER FIRE CODE. WITHIN TELECOMMUNICATIONS ROOMS BASKET SHALL HAVE A MINIMUM OF 12 INCHES OF CLEARANCE BETWEEN THE CEILING AND THE TOP AND SIDES.

NOTE:
ALL INSTALLED CABLE (FIBER AND COPPER) WILL BE TESTED AND BASELINE TEST RECORDS PROVIDED TO 2 CS IN A PDF FORMAT. ALL CAT-6 CABLING WILL BE TESTED AND CERTIFIED. FIBER CABLING SHALL BE TESTED AS FOLLOWS: SINGLE-MODE TEST AT 1310 & 1550NM IN BOTH DIRECTIONS. MULTIMODE TEST AT 850 & 1300NM IN BOTH DIRECTIONS. POWER BUDGETS WILL BE DETERMINED USING BICSI AND OR TIA/EIA MANUALS.

NOTE:
ALL CAT-6 CABLING WILL BE TESTED AND CERTIFIED. FIBER CABLING SHALL BE TESTED AS FOLLOWS: TEST SINGLE-MODE FOC AT 1310 & 1550NM IN BOTH DIRECTIONS. TEST MULTIMODE FOC AT 850 & 1300NM IN BOTH DIRECTIONS. POWER BUDGETS WILL BE DETERMINED USING BICSI AND OR TIA/EIA MANUALS. PROVIDE ALL TEST RESULTS TO 2 CS IN A PDF FORMAT.

NOTE:
FIBER OPTIC CABLES FOR SIPRNET AND CAT-6 COPPER CABLES FOR SIPRNET SHALL BE SUPPORTED AND CONTAINED WITHIN ITS OWN SEPARATE PATHWAY SYSTEM. AT NO POINT SHALL ONE SHARE THE OTHER. PATHWAY SYSTEM WILL CONSIST OF J-HOOKS, BASKET TYPE TRAY OR CONDUITS.

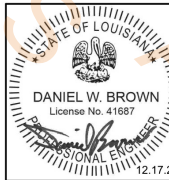
NOTE:
IF B7283'S RENOVATION OCCURS FIRST THEN 2CS MUST ENSURE THAT ALL USER DEVICES ON COPPER IN BUILDINGS 7282, 7290, AND 7292 ARE MIGRATED TO IP PRIOR TO ANY DEMO BEING DONE ON THE EXISTING COMMUNICATIONS BACKBOARD/CABLING.

NOTE:
ALL ROOMS WITH WALLS THAT WILL NOT ALLOW FOR FLUSH MOUNTED COMMUNICATIONS BOXES WILL HAVE A SURFACE MOUNTED 4"x4" DOUBLE DEEP BOX FITTED WITH A SINGLE GANG FACEPLATE ADAPTER. INSTALL A 1 INCH EMT FROM BOX TO ABOVE THE CEILING (6 INCHES MINIMUM) WITH A PLASTIC BUSHING AT THE END. STRAP CONDUIT AS REQUIRED PER NEC TO WALL.

NOTE:
CAT-6 CABLES SHALL HAVE A 1 METER MAINTENANCE LOOP AT THE OUTLET END ABOVE THE CEILING AND A 3 METER LOOP PROVIDED AT THE EQUIPMENT RACK END. THE METHOD FOR INSTALLATION AND RACKING OF THE 3 METER MAINTENANCE LOOP SHALL BE APPROVED BY 2 CS (MR. MCCALLIE 318-456-4840 OR MR. HEARON 318-456-0043).

NOTE:
INSTALL MACHINE GENERATED LABELS WITHIN 4 INCHES OF EACH END OF ALL HORIZONTAL CABLES, TO INCLUDE BOTH CAT-6 AND FIBER OPTIC CABLES. NO PERMANENT MARKERS SHALL BE USED FOR ANY LABELING (IAW TIA/EIA-606-A, PARA. 5.1.2 PAGE 14 & PARA. A4 PAGE 31).

NOTE:
CAT-6 CABLES SHALL BE SECURED/BUNDLED WITH 3/4" VELCRO STRAPPING CENTERED BETWEEN J-HOOK SUPPORTS. THE USE OF PLASTIC CABLE TIE WRAPS OR ELECTRICAL TAPE IS NOT AUTHORIZED.



CONSULTING ENGINEERS
3003 KNIGHT STREET, SUITE 120
SHREVEPORT, LOUISIANA 71105
PHONE: 318-425-7452 FAX: 318-425-4622
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ENGINEER: DANIEL W. BROWN, P.E.
LICENSE NO.: 41687

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BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Chief Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	DWB	Project Manager	RKC
Drafter	DWB	Date	OCT 2020

REVISION	BY/DATE
TITLE 1-B 65%	21 JAN 2021
TITLE 1-B 95%	31 MAR 2021
TITLE 1-B 100%	6 MAY 2021
TITLE 1-B 100% REFRESH/REVIEW	30 NOV 2023
TITLE 1-B 100% A REFRESH/REVIEW	9 JAN 2024
TITLE 1-B 100% B MECH/ELEC UPDATE	25 MAR 2024
TITLE 1-B 100% C REFRESH FINAL	17 DEC 2024
TITLE 1-B 100% D REFRESH FINAL	26 FEB 2025

SHEET TITLE

ELECTRICAL FIRE ALARM PLAN

SHEET	E4.2	OF	8E
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
B7283

- ELECTRICAL NOTES:
- 1. FIRE ALARM COMBINATION HORN/SROBE SHALL BE MONACO "MAAP" TYPE.
 - 2. NEW MASS NOTIFICATION PANEL.
 - 3. NEW MASS NOTIFICATION STROBE.
- Fire Alarm Combination Horn/Strobe
 - Mass Notification System-Notification Device
 - Fire Alarm Manual Pull Station
 - Fire Alarm Panel
 - Mass Notification Panel
 - Mass Notification Strobe
 - Fire Alarm Strobe

8.0 EA
10.0 EA
3.0 EA
3.0 EA
1.0 EA
1.0 EA
3.0 EA

ELECTRICAL FIRE ALARM PLAN
SCALE: 3/16"=1'-0"



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.



Designer **WKB** Project Manager
Drafter _____ Date _____

REVISION	BY/DATE
TITLE 1-B 65%	21 JAN 2021
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TITLE 1-B 100% D REFRESH FINAL	23 APRIL 2025

SHEET TITLE
**FINISH PLAN
AND SCHEDULE**
SHEET **ID1** OF **1ID**

PROJECT TITLE
**DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110**

Project Number **OPP. NO. 1097173**

Drawing Number **B7283**

PT 4 Paint Dack Hight 15'	347.8 FT
PT 1 Paint Ceiling Hight 9'	449.6 FT
PT 2 Paint Ceiling Hight 9'	105.4 FT
PT 4 Paint Ceiling Hight 9'	265.9 FT
PT 2 Paint Above 5' Hight	92.7 FT
PT 1 Pain Above 5' Height	83.8 FT
PT 1 Paint Above 7' Hight	8.9 FT
PT 2 Paint Above 7' Height	8.9 FT
TP1 5' High Toilet Partition	38.6 FT
8' Hight Folding Partition ...	34.0 FT

FINISH LEGEND - B7283				
COLOR	FLOOR	BASE	WALL	CEILING
	CPT1	RB1	PT1/ PT2	ACT 1
	LVT1	RB1	PT4-CORRIDOR PT1-FIELD CLASSROOM	ACT 1
	CT1	CB1	WT1-2/PT1/PT2	PT6 (PT2-MENS, PT1-WOMENS)
	SC1	RB2	PT4	ACT 1

SID - INTERIOR FINISHES - B7283					
FLOOR	CODE	MFG.	PRODUCT	COLOR	REMARKS
CARPET	CPT1	SHAW	CURRENT TILE, ST350	49440 SEDIMENT SKY	9X36, THICK ASHLAR INSTALL
LUX VINYL TILE	LVT1	SHAW	4110V, TERRAIN II 20 MIL 5MM	00572, TIMBER	
PORCELAIN TILE	CT1	DALTILE	KEYSTONES GROUPS 1 & 2	D202 UPTOWN TAUPE	2x2 MOSAIC
SEALED CONCRETE	SC1		COLORBODY PORCELAIN		
BASE					
CERAMIC PORCELAIN BASE	CB1	DALTILE	KEYSTONES GROUPS 1 & 2	D202 UPTOWN TAUPE	2"x2" COVE BASE
RUBBER	RB1	TARKETT /JOHNSONITE	4.25" MILLWORK-REVEAL	TG6, MINK	
RUBBER	RB2	TARKETT /JOHNSONITE	4" COVE	TG6, MINK	
WALLS					
PAINT	PT1	SHERWIN WILLIAMS	SW7516	KESTREL WHITE	FIELD, EGGSHELL
PAINT	PT2	SHERWIN WILLIAMS	SW7663	MONORAIL SILVER	ACCENT, EGGSHELL
PAINT	PT3	SHERWIN WILLIAMS	NOT USED	NOT USED	NOT USED
PAINT	PT4	SHERWIN WILLIAMS	SW7631	CITY LOFT	ACCENT, EGGSHELL
PAINT	PT5	SHERWIN WILLIAMS	SW7043	WORLDLY GRAY	DOOR TRIM/MIL. DOORS, EPOXY MECH/ELEC/IT
PAINT	PT6	SHERWIN WILLIAMS	SW7006	EXTRA WHITE	CEILING, SEMI - GLOSS
CERAMIC	WT1	DALTILE	0109, GLOSS, FIELD	ARCHITECTURE GREY	6"H X 6"W
CERAMIC	WT2	DALTILE	0109, GLOSS, TOP CAP	ARCHITECTURE GREY	.75"H X 6"W
MISC.					
TOILET PARTITION	TP1	BRADLEY	HDPE	M244, CANYON GRANITE	FLOORS
GROUT	GR1	CUSTOM BLDG. PROD.	EPOXY	185 NEW TAUPE	WALLS
GROUT	GR2	CUSTOM BLDG. PROD.	EPOXY	386 OYSTER GRAY	
DOOR FINISH	VF1	MASONITE ARCHITECTURE	ESPIRO SERIES	COCOA BEAN - STAIN	ALL NEW WOOD DOORS
COUNTER TOPS	SS1	CORIAN	SOLID SURFACE	WHISPER	TOILET ROOM COUNTERS
COUNTER TOPS	SS2	CORIAN	SOLID SURFACE	NEUTRAL AGGREGATE	AT BREAKROOM MILLWORK
CABINETS	PL1	WILSONART	7970K-18	HIGHLINE	BREAKROOM MILLWORK
CEILING	ACT1	ARMSTRONG	CIRRUS HIGH NRC, 556	#556, WHITE	REGULAR, NRC .75, GRC .35, 15/16 GRID
FOLDING PARTITION	FB-1	DESIGNTEX	BINARY	GUNMETAL	MATCH FABRIC
1" HOR. WINDOW BLINDS		BALI		SLATE	



FINISH PLAN

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

**THIS SHEET MUST BE PRINTED IN COLOR TO
FULLY UNDERSTAND THE FINISH SCHEDULE**



**BARKSDALE
AIR FORCE BASE
LOUISIANA**

APPROVED

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	WKB	Project Manager	
Drafter		Date	

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
TITLE 1-B 100%	6 MAY 2021
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TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE

CEILING PLAN

SHEET	A8.1	OF	12A
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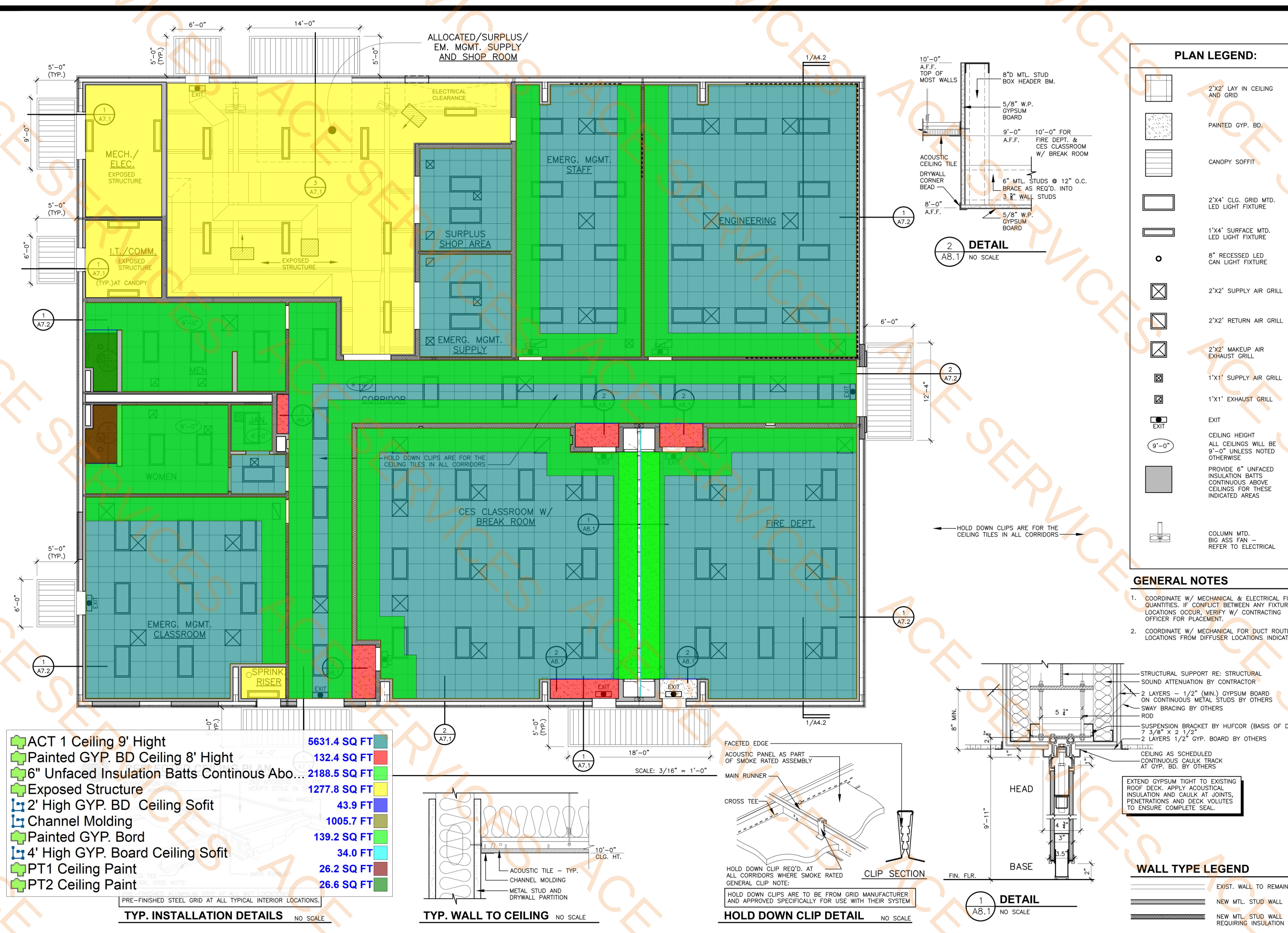
PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number

OPP. NO. 1097173

Drawing Number

Facility Number
B7283





BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioclimatological Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.



Designer	WKB	Project Manager
Drafter		Date

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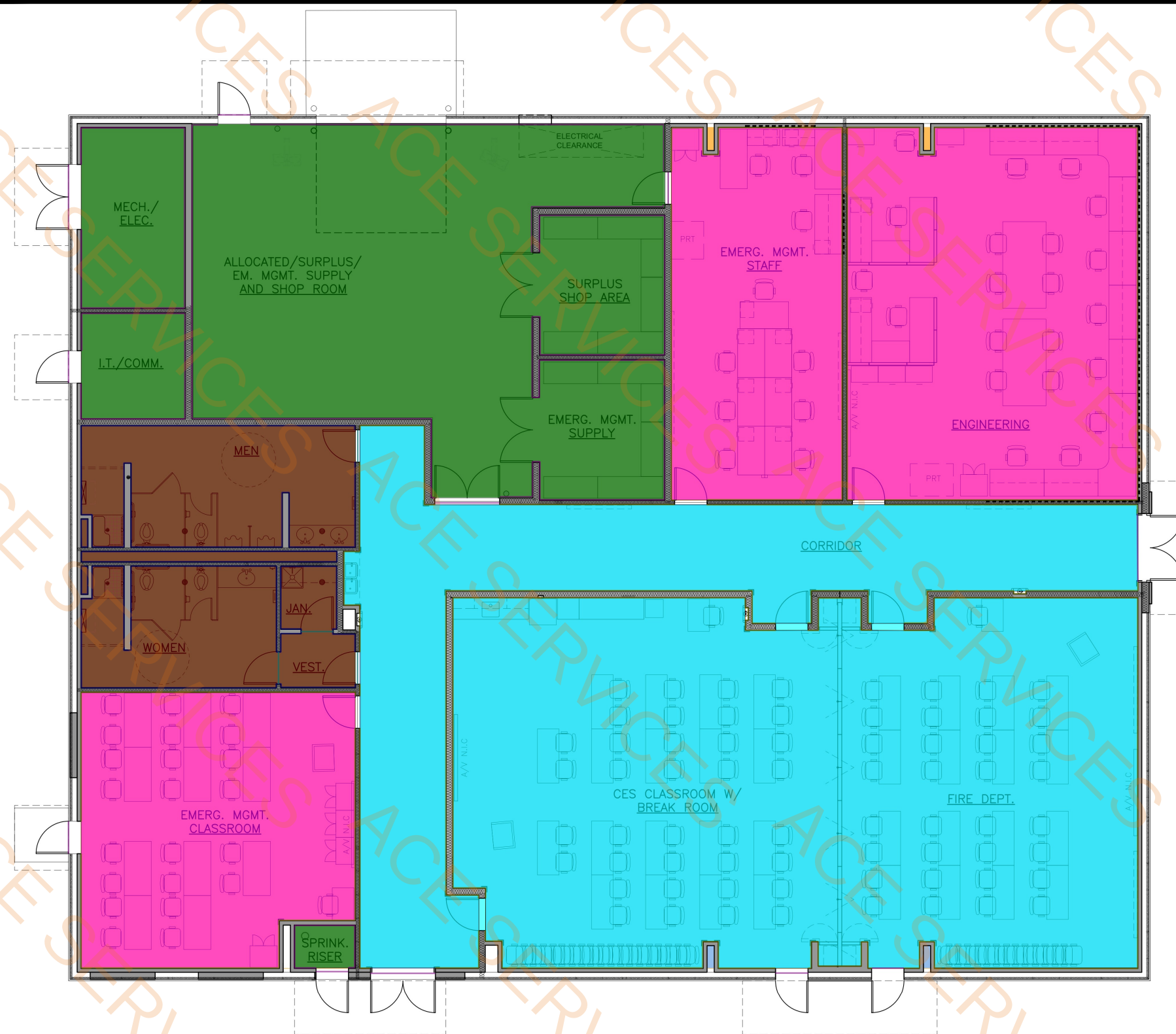
SHEET TITLE	
FINISH PLAN AND SCHEDULE	
SHEET	ID1 OF 1ID

PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number OPP. NO. 1097173

Drawing Number Facility Number
B7283

CPT 1 Flooring	2073.6 SQ FT
LVT 1 Flooring	3043.4 SQ FT
CT 1 Flooring	558.1 SQ FT
SC 1 Flooring	1601.5 SQ FT
RB 1	754.6 FT
CB 1 Flooring	264.0 FT
RB 2 Flooring	317.9 FT
Threshold Aluminum	45.2 FT
Threshold Marbel	11.9 FT



FINISH PLAN

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

THIS SHEET MUST BE PRINTED IN COLOR TO
FULLY UNDERSTAND THE FINISH SCHEDULE

FINISH LEGEND - B7283				
COLOR	FLOOR	BASE	WALL	CEILING
	CPT1	RB1	PT1/ PT2	ACT 1
	LVT1	RB1	PT4-CORRIDOR PT1-FIELD CLASSROOM	ACT 1
	CT1	CB1	WT1-2/PT1/PT2	PT6 (PT2-MENS, PT1-WOMENS)
	SC1	RB2	PT4	ACT 1

SID - INTERIOR FINISHES - B7283					
FLOOR	CODE	MFG.	PRODUCT	COLOR	REMARKS
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LUX VINYL TILE	LVT1	SHAW	4110V, TERRAIN II 20 MIL 5MM	00572, TIMBER	
PORCELAIN TILE	CT1	DALTILE	KEYSTONES GROUPS 1 & 2	D202 UPTOWN TAUPE	2x2 MOSAIC
SEALED CONCRETE	SC1		COLORBODY PORCELAIN		
BASE					
CERAMIC PORCELAIN BASE	CB1	DALTILE	KEYSTONES GROUPS 1 & 2	D202 UPTOWN TAUPE	2"x2" COVE BASE
RUBBER	RB1	TARKETT /JOHNSONITE	4.25" MILLWORK-REVEAL	TG6, MINK	
RUBBER	RB2	TARKETT /JOHNSONITE	4" COVE	TG6, MINK	
WALLS					
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PAINT	PT2	SHERWIN WILLIAMS	SW7663	MONORAIL SILVER	ACCENT, EGGSHELL
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CERAMIC	WT1	DALTILE	0109, GLOSS, FIELD	ARCHITECTURE GREY	6"H X 6"W
CERAMIC	WT2	DALTILE	0109, GLOSS, TOP CAP	ARCHITECTURE GREY	.75"H X 6"W
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TOILET PARTITION	TP1	BRADLEY	HDPE	M244, CANYON GRANITE	FLOORS
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GROUT	GR2	CUSTOM BLDG. PROD.	EPOXY	386 OYSTER GRAY	
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COUNTER TOPS	SS1	CORIAN	SOLID SURFACE	WHISPER	TOILET ROOM COUNTERS
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CABINETS	PL1	WILSONART	7970K-18	HIGHLINE	BREAKROOM MILLWORK
CEILING	ACT1	ARMSTRONG	CIRRUS HIGH NRC, 556	#556, WHITE	REGULAR, NRC .75, GRC .35, 15/16 GRID
FOLDING PARTITION	FB-1	DESIGNTEX	BINARY	GUNMETAL	MATCH FABRIC
1" HOR. WINDOW BLINDS	BALI			SLATE	



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Chief Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	KDR	Project Manager	RKC
Drafter	KDR	Date	OCT 2020

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
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TITLE 1-B 100% REFRESH/REVIEW	30 NOV 2023
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TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE

MECHANICAL DEMOLITION
PLAN

SHEET	MD1.1	OF	9M
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
B7283

LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	TO BE REMOVED

MECHANICAL NOTES:

1. REMOVE ALL HVAC COMPONENTS IN THEIR ENTIRETY, INCLUDING BUT NOT LIMITED TO, AIR HANDLING UNITS, CONDENSING UNITS, DUCTWORK, DAMPERS, THERMOSTATS, DIFFUSERS, CONTROLS, ETC. AND DISCARD. PATCH EXTERIOR AND INTERIOR WALL PENETRATIONS WEATHERTIGHT TO MATCH EXISTING BUILDING FINISH.

- Remove Existing Ground Mounted Packaged Unit in Its Entirety
- Remove Existing Condenser in Its Entirety
- Remove Existing Window AC Unit in Its Entirety
- Remove Existing Air Handling Unit in Its Entirety
- Remove HVAC Air Devices

4.0 EA

1.0 EA

1.0 EA

1.0 EA

3.0 EA

MECHANICAL DEMOLITION PLAN

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

CONSULTING ENGINEERS
3003 KNIGHT STREET, SUITE 120
SHREVEPORT, LOUISIANA 71105
PHONE: 337-425-7452 FAX: 337-425-4122
WWW.AJFJMC.COM

ENGINEER: ROGER H. BARNES, P.E.
LICENSE NO. 35843

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COMPONENTS FOR CONSTRUCTION SAFETY. 23-170

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BARKSDALE AIR FORCE BASE LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Chief Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication
	Computer
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



712 TEXAS ST. SHREVEPORT, LOUISIANA 71101
PHONE 318-673-9980 FAX 318-673-9982

Designer	KDR	Project Manager	RKC
Drafter	KDR	Date	OCT 2020

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
TITLE 1-B 100%	6 MAY 2021
TITLE 1-B 100% REFRESH/REVIEW	30 NOV 2023
TITLE 1-B 100% A REFRESH/REVIEW	9 JAN 2024
TITLE 1-B 100% B MECH/ELEC UPDATE	25 MAR 2024
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TITLE 1-B 100% D REFRESH FINAL	26 FEB 2025
TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE

HVAC PIPING PLAN

SHEET	M3.1	OF	9M
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
B7283

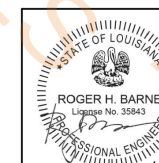
MECHANICAL NOTES:

1. ROUTE HYDRONIC PIPING MAINS AND BRANCHES AS HIGH AS POSSIBLE. COORDINATE EXACT ROUTING PRIOR TO ROUGH-IN AND INSTALLATION WITH ALL DISCIPLINES AND SYSTEMS INSTALLATION. ROUTE BRANCH PIPING TO UNITS ABOVE DUCTWORK AND OTHER PIPING SYSTEMS AND THROUGH STRUCTURE. OFFSET DOWN TO EQUIPMENT CONNECTION POINTS AS REQUIRED.
2. OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING) NOT RELATED TO THE DIRECT SUPPORT OF THE COMMIT ROOMS SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE COMM ROOM. RE: TIA/EIA-569-C PARA. 6.3.6.3.
3. PROVIDE MANUAL BALANCING VALVE WITH ISOLATION VALVE FOR BYPASS FLOW SETTING (APPROX 11 GPM).

- 1-1/2" Heat Water Supply Pipe
- 1-1/2" Heat Water Return Pipe
- 3/4" Heat Water Supply Pipe
- 3/4" Heat Water Return Pipe
- 2" Heat Water Supply Pipe
- 2" Heat Water Return Pipe
- 1-1/4" Heat Water Return Pipe
- 1-1/4" Heat Water Supply Pipe
- 1" Heat Water Return Pipe
- 1" Heat Water Supply Pipe
- Manual Balancing Valve W/Isolation Valve

- 62.1 FT
- 59.6 FT
- 61.8 FT
- 67.1 FT
- 57.2 FT
- 52.3 FT
- 37.1 FT
- 36.2 FT
- 43.6 FT
- 47.6 FT
- 10.0 EA

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



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BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

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	Chief Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing
	Pavements
	Engineer
	Corrosion
	Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	EB	Project Manager	RKC
Drafter	KDR	Date	OCT 2020

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SHEET TITLE

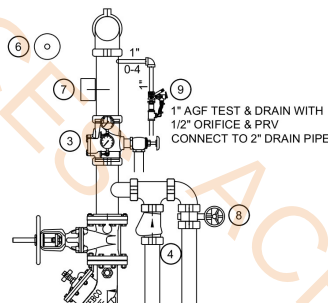
FIRE PROTECTION PLAN

SHEET	FP.1	OF	1FP
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7282
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number
OPP. NO. 1097173

Drawing Number
B7283



1" Dia Fire Sprinkler Pipe	252.1 FT
1-1/4" Dia Fire Sprinkler Pipe	226.9 FT
1-1/2" Dia Fire Sprinkler Pipe	248.0 FT
4" Dia Fire Sprinkler Pipe	134.4 FT

FIRE RISER ELEVATION

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

RISER EQUIPMENT LIST: ○

- 6" FLANGE 90
- 6" "FEBCO" 850 DCA OS&Y VALVES & TAMPER SWITCHES (REPLACE 4" BACKFLOW)
- 6" ALARM CHECK VALVE WITH REMOVABLE FACEPLATE
- 4" GROOVED CHECK VALVE
- OUT 4" FIELD TO 2-1/2"x2-1/2"x4" FIRE DEPARTMENT CONNECTION (LOCATE AS DIRECTED BY ABOVE GROUND AS DIRECTED BY FIRE DEPARTMENT)
- WATER MOTOR ALARM (LOCATE AS DIRECTED BY FIRE DEPARTMENT)
- WATER FLOW SWITCH
- BACKFLOW TEST CONNECTION - (1) 4" BUTTERFLY VALVE - (2) 2-1/2" FIRE HOSE OUTLETS TO BE LOCATED ABOVE GROUND AS DIRECTED BY FIRE DEPARTMENT
- INSPECTORS TEST

FIRE SPRINKLER GENERAL NOTES

PROVIDE AUTOMATIC FIRE SPRINKLER SYSTEM PROTECTION THROUGHOUT FACILITY IN STRICT ACCORDANCE WITH NFPA 13 & 101, BAFB FIRE PREVENTION, UFC 3-600-01, AND ALL APPLICABLE CODES AND REGULATIONS AS SPECIFIED. REFERENCE PLANS FOR NOTING OF SPECIAL CONDITIONS (I.E. PIPE ROUTING, SPRINKLER HEAD TYPE AND PLACEMENT, ETC.) TO BE INCORPORATED INTO THE SPRINKLER SHOP DRAWING SUBMITTAL. SPRINKLER SYSTEM SHOP DRAWING SUBMITTALS SHALL BE HYDRAULICALLY DESIGNED AND SEALED BY A FIRE PROTECTION ENGINEER. SUBMITTAL SHALL BE APPROVED BY ARCHITECT AND ENGINEER PRIOR TO SYSTEM ROUGH-IN AND INSTALLATION.

WITH REGARDS TO INSTALLATION, THE EXACT LOCATION OF ALL OTHER BUILDING SYSTEMS, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL FRAMING, DUCTWORK, CONDUIT, PIPING, ETC., SHALL TAKE PRECEDENCE OVER THE LOCATION AND ROUTING OF AUTOMATIC FIRE SPRINKLER PIPING SYSTEM. SCHEDULE ACCORDINGLY WITH ALL APPROPRIATE TRADES AND COORDINATE NECESSARY PROVISIONS WITH ALL BUILDING SYSTEMS TO AVOID ANY CONFLICTS AND DISCREPANCIES DURING CONSTRUCTION.

FIRE PROTECTION SYSTEM TO COMPLY WITH UFC 3-600-01, NFPA 13, AND 24 AND ALL APPLICABLE FEDERAL CODES.

FINAL INSPECTION AND APPROVAL BY LOCAL AHJ AND ARCHITECT/ENGINEER.

SPRINKLER SHOP DRAWINGS, ALARM SHOP DRAWINGS, AND MATERIAL SUBMITTALS SHALL BE SUBMITTED AT THE SAME TIME TO THE ARCHITECT/ENGINEER AND AHJ AND SHALL BE APPROVED PRIOR TO ANY INSTALLATION.

PIPING IN AREAS WITH EXPOSED STRUCTURE SHALL BE INSTALLED AS HIGH AS POSSIBLE TO ALLOW THE OWNER MAXIMUM USE OF THE SPACE.

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING DESCRIPTIONS AND HEIGHTS.

SPRINKLERS ARE TO BE COORDINATED WITH ALL DIFFUSERS, SPEAKERS, LIGHTING FIXTURES AND CEILING SYSTEMS. SPACING OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13 AND THE LISTING OF THE SPRINKLER.

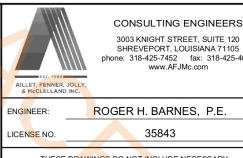
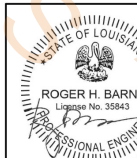
SLEEVE AND/OR FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, CEILING, AND FLOORS WITH U/L LISTED ASSEMBLIES. FIRESTOP ASSEMBLIES SHALL BE EQUAL OR EXCEED THE RATING OF THE WALL, CEILING OR FLOOR. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.

PROVIDE ACCESS PANELS TO ALL VALVES ABOVE NON-ACCESSIBLE CEILINGS AND CHASES.

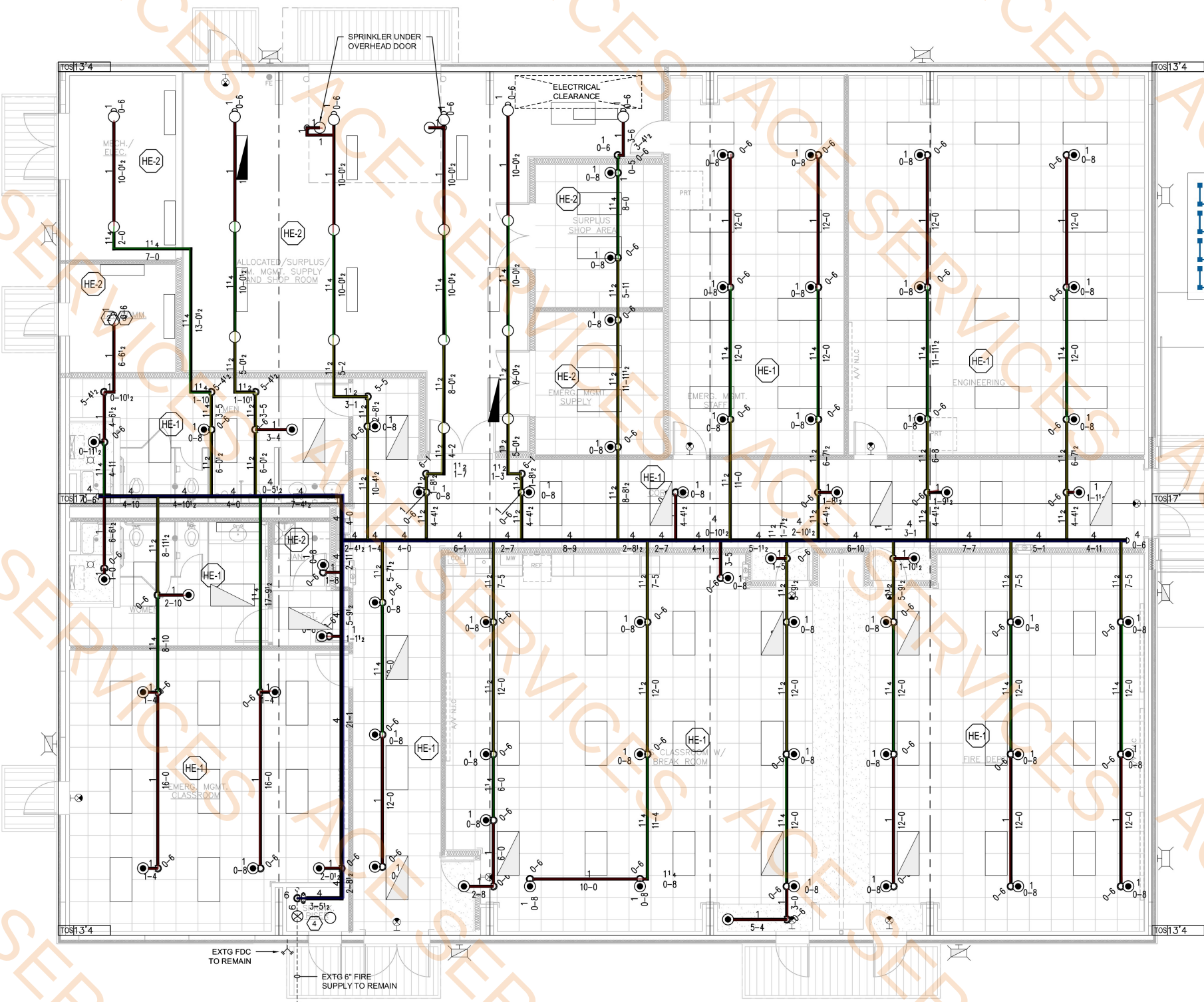
PROVIDE A PERMANENTLY ATTACHED NAME TAG TO THE RISER STATING THE REQUIRED DESIGN CRITERIA FOR EACH HYDRAULICALLY-DESIGNED SYSTEM.

PROVIDE SPRINKLER GUARDS ON ALL HEADS IN ELECTRIC ROOMS, TELEPHONE ROOMS, AND ON ANY HEADS LESS THAN 7'-0" ABOVE THE FLOOR.

COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) AND COMMUNICATIONS EQUIPMENT PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS OR COMMUNICATIONS EQUIPMENT UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER ELECTRICAL COMMUNICATIONS SHALL BE REROUTED AT NO ADDITIONAL COST.



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FIRE PROTECTION PLAN

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

FIRE PROTECTION NOTES: ○

- REFER TO CIVIL SITE UTILITY PLAN FOR CONTINUATION OF UTILITY PIPING.
- OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING) NOT RELATED TO THE DIRECT SUPPORT OF THE COMMIT ROOMS SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE COMM ROOM. RE: TIA/EIA-569-C PARA. 6.3.6.3.
- SPRINKLERS HEADS LOCATED IN IT/COMM ROOMS SHALL BE PROVIDED WITH WIRE CAGES TO PREVENT ACCIDENTAL OPERATION. ADDITIONALLY THE SPRINKLER HEADS AND SHALL NOT BE LOCATED ABOVE EQUIPMENT RACK(S) OR CABLEING CONTAINMENT IN ACCORDANCE WITH TIA-569-C PARAGRAPH 6.3.7.
- WITH THE EXCEPTION OF THE EXISTING DEDICATED SPRINKLER SUPPLY MAIN INTO THE RISER ROOM, AS DETAILED, AND THE EXISTING THROUGH WALL FIRE DEPARTMENT CONNECTION (FDC) ON THE BUILDING EXTERIOR, THE EXISTING INTERIOR AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE NEW AND ALL EXISTING INTERIOR AUTOMATIC FIRE SPRINKLER SYSTEM PIPING AND ASSOCIATED COMPONENTS SHALL BE REMOVED.

FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
HE-1	HAZARD CLASS 1 .10 DENSITY OVER 1500 SQ.FT. PLUS 250 GPM HOSE STREAM USE K=5.6 SPRINKLERS
HE-2	HAZARD CLASS 2 .20 DENSITY OVER 2500 SQ.FT. PLUS 250 GPM HOSE STREAM USE K=8.0 SPRINKLERS

SYMBOL	COUNT	POSITION	FINISH	TEMP (°F)	K FACTOR	NPT	SIN	MANUF.	MODEL
○	19	UPPER	BRASS	286	8.0	3/4"	RA1722	RASCO	F1LO
●	62	PENDENT	WHITE	200	5.6	1/2"	RA1414	RASCO	F1FR56

WITH HEAD GUARD

PIPE SIZING SHOWN IS APPROXIMATE AND BASED ON PREVIOUSLY PERFORMED FLOW TEST DATA. ACTUAL SIZES TO BE DETERMINED BY HYDRAULIC CALCULATIONS PERFORMED BY AN APPROVED FIRE SPRINKLER CONTRACTOR AND CURRENT FLOW TEST PERFORMED BY CONTRACTOR.

ALL NECESSARY DESIGN, MATERIAL, AND LABOR TO BE INCLUDED IN THE CONTRACTORS BID TO OBTAIN APPROVAL OF AHJ. SPRINKLER CONTRACTOR MUST PROVIDE FPE REVIEW AND SEAL OF SHOP DRAWINGS.

AS-BUILT FIRE SPRINKLER DRAWINGS WILL BE MADE AVAILABLE TO THE SUCCESSFUL FIRE SPRINKLER CONTRACTOR IN PDF FORMAT.



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Chief Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

DESIGN FIRM



Designer	KDR	Project Manager	RKC
Drafter	KDR	Date	OCT 2020

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2021
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TITLE 1-B 100% E REFRESH FINAL	23 APRIL 2025

SHEET TITLE

PLUMBING DEMOLITION
PLAN

SHEET	PD1.1	OF	5P
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

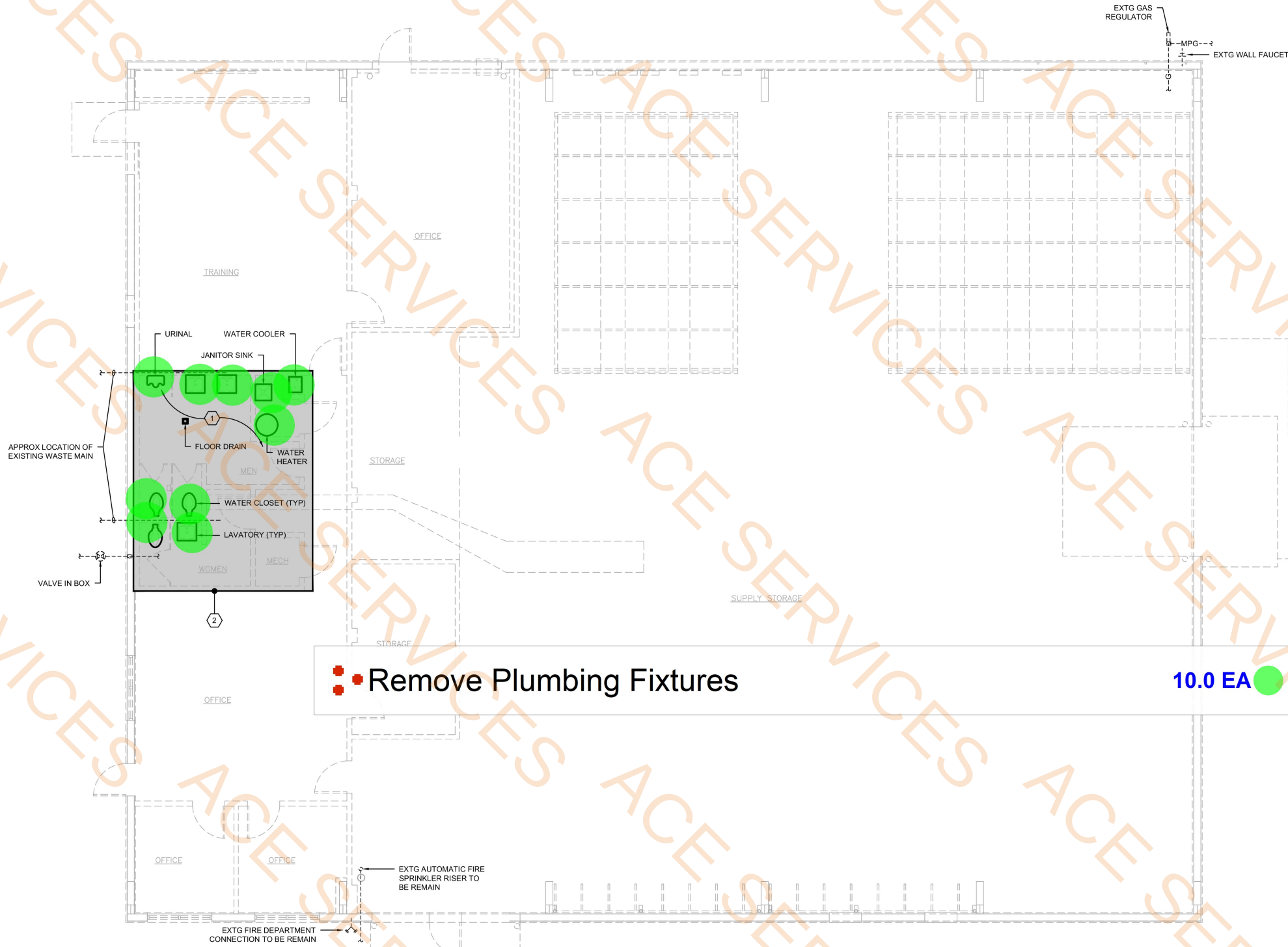
Project Number
OPP. NO. 1097173

Drawing Number
B7283

LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	TO BE REMOVED

PLUMBING NOTES:

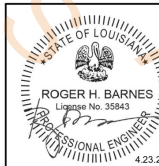
1. EXISTING PLUMBING FIXTURES, WASTE/VENT STACKS, HOT & COLD WATER MAINS/BRANCHES TO BE DEMOLISHED. FOR NEW PLUMBING FIXTURE INSTALLATION, REFER TO OWNER FOR DISPOSAL OR RELOCATION OF ITEMS.
2. BREAKOUT EXISTING CONCRETE SLAB AS REQUIRED FOR DEMOLITION OF EXISTING UNDERSLAB PIPING SYSTEMS (APPROXIMATE LOCATION SHADED). SEE SHEET P2.1 FOR NEW UNDERSLAB PIPING SYSTEM.



PLUMBING DEMOLITION PLAN

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

PRIOR TO ANY DEMOLITION, NEW CONSTRUCTION, OR ROUGH-INS, PLUMBING LINES SHALL HAVE VIDEO INSPECTIONS PERFORMED CONFIRMING SITE UTILITY ROUTING AND PIPING IS IN GOOD REPAIR. PROVIDE VIDEO AND RESULTS TO BOTH BAFB AND MECHANICAL DESIGN ENGINEER.



CONSULTING ENGINEERS
3003 KNIGHT STREET, SUITE 120
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ENGINEER: ROGER H. BARNES, P.E.
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APPROVED

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Artifical Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Commission Engineer
	Protective Coating Eng.

KBA
kevin bryan architect

Designer KDR	Project Manager RKC
Drafter KDR	Date OCT 2020

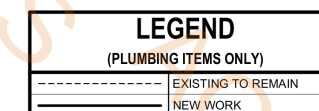
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PLUMBING PLAN
(WASTE/VENT)

SHEET	OF
P2.1	5P

Project Number OPP NO. 1097173

Drawing Number	Facility Number B7283
----------------	--------------------------



PLUMBING NOTES:

1. CONNECT TO EXISTING WASTE MAIN ON SITE. FIELD VERIFY EXACT LOCATION AND SIZE PRIOR TO ROUGH-IN AND INSTALLATION.
2. OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING NOT RELATED TO THE DRAIN) SUPPORT OF THE COMMIT ROOMS SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE COMM. ROOM. REF: TIE/EA-569-C, PARA. 6.3.6.3.
3. BREAKOUT EXISTING CONCRETE SLAB AS REQUIRED BY INSTALLATION OF NEW UNDERSLAB PIPING SYSTEMS AS INDICATED (APPROXIMATE LOCATION SHADED). PATCH TO MATCH EXISTING OR AS DIRECTED BY ARCHITECT. COORDINATE WITH NEW FLOORING AS APPLICABLE. EXTEND AND CONNECT TO EXISTING WASTE MAIN ON SITE. COORDINATE EXACT INVERT ELEVATION OF EXISTING MAIN FROM POINT OF CONNECTION TO MOST REMOTE PLUMBING BRANCH/FIXTURE OF THE RENOVATION AREA. ROUTE NEW MAIN AS SHALLOW AS POSSIBLE WHILE STILL MAINTAINING MINIMUM SLOPE PER PLUMBING CODE. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, ETC. AS REQUIRED PRIOR TO ROUGH-IN AND INSTALLATION. REFERENCE STRUCTURAL SHEETS S1.1 AND S3.1 FOR SLAB REPAIR DETAILS.
4. FLOOR DRAIN REQUIRED AT FIRE SPRINKLER RISER. FIELD VERIFY NEAREST EXISTING SANITARY SEWER LOCATION FOR CONNECTION POINT. PERFORM CLEANOUTS AS REQUIRED. SAWCUT AS REQUIRED. PATCH TO MATCH EXISTING. REFERENCE STRUCTURAL SHEETS S1.1 AND S3.1 FOR SLAB REPAIR DETAILS.

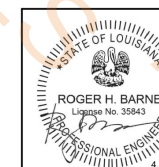
 Remove Existing Concrete Slab And Underground Plumbing Piping System

394.8 SQ FT

PLUMBING PLAN (WASTE/VENT)

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

PRIOR TO ANY DEMOLITION, NEW CONSTRUCTION, OR ROUGH-INS, PLUMBING LINES SHALL HAVE VIDEO INSPECTIONS PERFORMED CONFIRMING SITE UTILITY ROUTING AND PIPING IS IN GOOD REPAIR. PROVIDE VIDEO AND RESULTS TO BOTH BAFB AND MECHANICAL DESIGN ENGINEER.



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	Chief of Design
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	User

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	Computers
	Environmental
	Engineer
	Security
	Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing
	Engineer
	Pavements
	Engineer
	Corrosion
	Engineer
	Protective
	Coating Engr.

DESIGN FIRM



Designer	KDR	Project Manager	RKC
Drafter	KDR	Date	OCT 2020

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SHEET TITLE

PLUMBING PLAN
(WASTE/VENT)

SHEET	P2.1	OF	5P
-------	------	----	----

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Project Number
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LEGEND (PLUMBING ITEMS ONLY)	
---	EXISTING TO REMAIN
---	NEW WORK

PLUMBING NOTES:

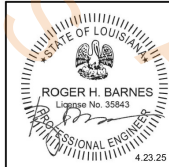
1. CONNECT TO EXISTING WASTE MAIN ON SITE. FIELD VERIFY EXACT LOCATION AND SIZE PRIOR TO ROUGH-IN AND INSTALLATION.
2. OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING) NOT RELATED TO THE DIRECT SUPPORT OF THE COMMIT ROOMS SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE COMM. ROOM. RE: TIA/EIA-569-C PARA. 6.3.6.3.
3. BREAKOUT EXISTING CONCRETE SLAB AS REQUIRED BY INSTALLATION OF NEW UNDERSLAB PIPING SYSTEMS AS INDICATED (APPROXIMATE LOCATION SHADED). PATCH TO MATCH EXISTING OR AS DIRECTED BY ARCHITECT. COORDINATE WITH NEW FLOORING AS APPLICABLE. EXTEND AND CONNECT TO EXISTING WASTE MAIN ON SITE. COORDINATE EXACT INVERT ELEVATION OF EXISTING MAIN FROM POINT OF CONNECTION TO MOST REMOTE PLUMBING BRANCH/FIXTURE OF THE RENOVATION AREA. ROUTE NEW MAIN AS SHALLOW AS POSSIBLE WHILE STILL MAINTAINING MINIMUM SLOPE PER PLUMBING CODE. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, ETC. AS REQUIRED PRIOR TO ROUGH-IN AND INSTALLATION. REFERENCE STRUCTURAL SHEETS S1.1 AND S3.1 FOR SLAB REPAIR DETAILS.
4. FLOOR DRAIN REQUIRED AT FIRE SPRINKLER RISER. FIELD VERIFY NEAREST EXISTING SANITARY SEWER LOCATION FOR CONNECTION POINT. PROVIDE CLEANOUTS AS REQUIRED. SAWCUT AS REQUIRED. PATCH TO MATCH EXISTING. REFERENCE STRUCTURAL SHEETS S1.1 AND S3.1 FOR SLAB REPAIR DETAILS.



PLUMBING PLAN (WASTE/VENT)

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

PRIOR TO ANY DEMOLITION, NEW CONSTRUCTION, OR ROUGH-INS, PLUMBING LINES SHALL HAVE VIDEO INSPECTIONS PERFORMED CONFIRMING SITE UTILITY. ROUTING AND PIPING IS IN GOOD REPAIR. PROVIDE VIDEO AND RESULTS TO BOTH BAFB AND MECHANICAL DESIGN ENGINEER.



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APPROVED

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	Owner

COORDINATION

	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Parameters Engineer
	Corrosion Engineer
	Productive Cooling Engr

DESIGN FIRM



Designer KDR	Project Manager RKC
Drafter KDR	Date OCT 2020

REVISION	BY/DATE
TITLE 1-B 95%	31 MAR 2022
TITLE 1-B 100%	6 MAY 2022
TITLE 1-B 100% REFRESH/REVIEW	30 NOV 2022
TITLE 1-B 100% A REFRESH/REVIEW	9 JAN 2023
TITLE 1-B 100% B MECH/ELEC UPDATE	25 MAR 2023
TITLE 1-B 100% C REFRESH FINAL	17 DEC 2023
TITLE 1-B 100% D REFRESH FINAL	26 FEB 2024
TITLE 1-B 100% E REFRESH FINAL	23 APR 2024

SHEET TITLE

PLUMBING PLAN
(WATER/GAS)

SHEET	P2.2	OF	5P
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PROJECT TITLE
DESIGN REPAIR CES BUILDINGS
7282, 7283, AND 7292
BARKSDALE AIR FORCE BASE,
LOUISIANA 71110

Project Number OPP. NO. 1097173

70	Drawing Number	Facility Number
		B7283



PLUMBING NOTES:

1. CONNECT NEW DOMESTIC WATER TO EXISTING WATER MAIN ABOVE CEILING. FIELD VERIFY EXISTING LOCATION AND PIPE SIZE PRIOR TO INSTALLATION.
2. OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING) NOT RELATED TO THE DIRECT SUPPORT OF THE COMMIT ROOMS SHALL NOT BE INSTALLED IN PASS THROUGH, OR ENTER THE COMM ROOM. RE: TIA/EIA-569-C PARA. 6.3.6.3.
3. EXTEND PIPE DROPS AS INDICATED; CONNECT TO PLUMBING FIXTURES WITH INDIVIDUAL BRANCH SIZES AS SCHEDULED.
4. GAS SERVICE PIPING SIZE BASED ON 800 CFH @ 0% DIVERSITY.

-  3/4" Dia Gas Pipe
-  1" Dia Gas Pipe
-  1-1/2" Dia Gas Pipe
-  1-1/2" Cold Water Pipe
-  1-1/4" Cold Water Pipe
-  3/4" Cold Water Pipe
-  3/4" Hot Water Pipe
-  3/4" Hot Water Return Pipe
-  3/4" Hot Water (7 LF)
-  1" Cold Water Pipe
-  1/2" Cold Water Pipe
-  1/2" Hot Water Pipe
-  Tee
-  90 Deg Elbow

- | | |
|---------|---|
| 39.5 FT |  |
| 17.6 FT |  |
| 73.8 FT |  |
| 19.9 FT |  |
| 8.0 FT |  |
| 29.6 FT |  |
| 69.9 FT |  |
| 21.2 FT |  |
| 1.0 EA |  |
| 3.9 FT |  |
| 9.2 FT |  |
| 10.5 FT |  |
| 12.0 EA |  |
| 8.0 EA |  |

PLUMBING PLAN (WATER/GAS)

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

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