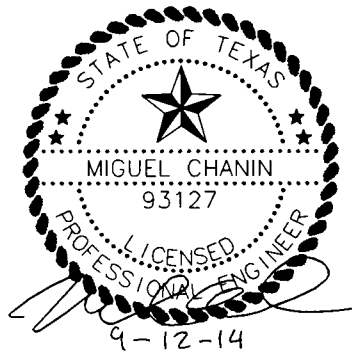




PURCHASING DEPARTMENT
County Of Hidalgo

September 12, 2014



RE:

ADDENDUM NO.1

FOR BID No.: 2014-047-09-17-YSS

**"Hidalgo County Adult Detention Center and Law
Enforcement Facility Repairs and/or Replacement
HIDALGO COUNTY SHERIFF'S OFFICE"**

Dear Gentlemen:

Attached you will find **ADDENDUM NO. 1, PAGE 1 OF 3** in connection with "**HIDALGO COUNTY SHERIFF'S OFFICE**" -request for bids for "**Hidalgo County Adult Detention Center and Law Enforcement Facility Repairs and/or Replacement**".

Please add this **ADDENDUM NO. 1** to your bid packet so as to permit your company to submit a complete bid. See original bid packet LEGAL NOTICE page 3 paragraph 9.

Acknowledge receipt of **ADDENDUM NO. 1** by signing and returning this notice to us VIA FAX AT (956) 687-3218.

If you do not receive all pages of **ADDENDUM NO. 1** please notify us immediately at (956) 687-9421.

Please be advised that this **ADDENDUM NO. 1** will complete your bid packet for "**HIDALGO COUNTY SHERIFF'S OFFICE – Hidalgo County Adult Detention Center and Law Enforcement Facility Repairs and/or Replacement**".

Thank you for your prompt attention to this matter.

A handwritten signature in blue ink, appearing to read "Martha L. Salazar".

Martha L. Salazar, CPPB
Hidalgo County Purchasing Agent

BY:

ADDENDUM NO. 1
ACKNOWLEDGMENT OF RECEIPT

MLS/yss

ADDENDUM NO. 1

September 12, 2014

“HIDALGO COUNTY SHERIFF’S OFFICE – Hidalgo County Adult Detention Center and Law Enforcement Facility Repairs and/or Replacement”.

BID NO.: 2014-047-09-17-YSS

PLEASE NOTE CHANGES AS FOLLOWS:

No. 1 Attachments

A. Revisions to Mechanical Construction Documents.

1. 1-8.5"x11" Letter size page

I, _____, acknowledge receipt of ADDENDUM NO. 1 dated, September 12, 2014, for HIDALGO COUNTY SHERIFF’S OFFICE – Hidalgo County Adult Detention Center and Law Enforcement Facility Repairs and/or Replacement.

Printed Bidder Name

Date

NOTE: PLEASE SUBMIT THIS ADDENDUM WITH YOUR BID PACKET, IN ORDER TO COMPLETE THE BID....

ADDENDUM #1
Hidalgo County Adult Detention Center and Law Enforcement
Facility Repairs and/or Replacement
09.11.2014

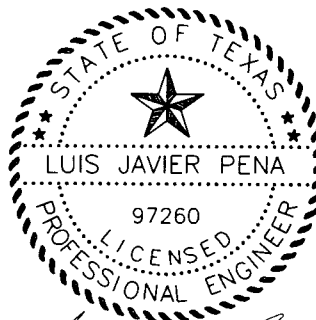
The following items shall become a part of the contract documents. Refer to full or partial sheets referenced and make changes noted. Bidders are responsible for reading all sections of the addendum. The Addendum consists of the following:

MECHANICAL

- Item 1 Specification section 15732 part 2.02.D. shall include item 4 to read as follows: "4. Variable frequency drives shall be factory wired and mounted in the unit."
- Item 2 Specification section 15732 part 2.02.G.1. section A. clarification: coils shall have aluminum fins and galvanized steel casings.
- Item 3 Specification section 15732 part 2.02.G.1. section B. clarification: refer to schedules for required coil row capacity per rooftop unit.
- Item 4 Specification section 15732 part 2.02.I.1. section E. clarification: omit epoxy polymer e-coat requirement.

PLUMBING

- Item 1 Sheet P8.0, Detail "C" – Condensate drain line shall drop from horizontal into waste line. Elevate pipe supports as required to prevent flooding of condensate lines downstream of p-trap.



Luis Javier Pena

09-12-2014



MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
600 E. BEAUMONT AVE. SUITE 2 McALLEN, TX 78501 (956) 664-2727
TEXAS BOARD OF PROFESSIONAL ENGINEERS REGISTRATION # F-9748

HIDALGO COUNTY ADULT DETENTION CENTER and LAW ENFORCEMENT FACILITY REPAIRS and/or REPLACEMENT

Edinburg, Texas

DRAWING INDEX

STRUCTURAL DRAWINGS

- CS - COVER SHEET
- S1.0 - SITE PLAN
- S2.0 - GENERAL NOTES
- S2.1 - UPLIFT PLAN
- S3.0 - UPLIFT PLAN
- S3.1 - UPLIFT PLAN
- S4.0 - PARTIAL FLOOR PLAN
- S4.1 - PARTIAL FLOOR PLAN
- S5.0 - ADD BUILDING ROOF PLAN
- S5.1 - ADD BUILDING ROOF PLAN
- S5.2 - ADD BUILDING ROOF PLAN
- S5.3 - ADD BUILDING ROOF PLAN
- S5.4 - ADD BUILDING ROOF PLAN
- S5.5 - ADD BUILDING ROOF PLAN
- S5.6 - ADD BUILDING ROOF PLAN
- S6.0 - DETAILS
- S6.1 - DETAILS
- S7.0 - PICTURES

ARCHITECTURAL DRAWINGS

- A1.0 - GENERAL NOTES
- A1.1 - EXISTING FLOOR PLAN / LAW ENFORCEMENT CENTER SOUTH ELEVATION
- A1.2 - ROOF ZONES
- A1.3 - ROOF MODIFICATIONS
- A2.0 - DETAILS
- A2.1 - DETAILS
- A2.2 - DETAILS

M.E.P. DRAWINGS

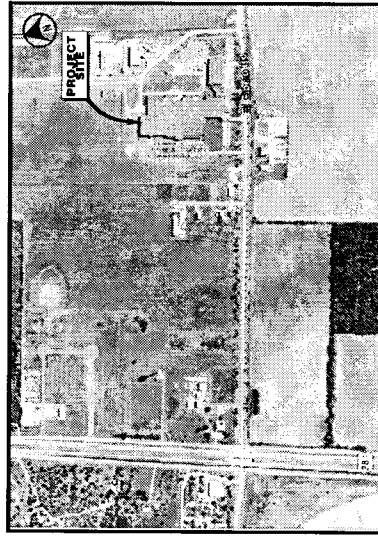
- M1.0 - MECHANICAL PLAN AREA 1
- M2.0 - MECHANICAL PLAN AREA 2
- M3.0 - MECHANICAL PLAN AREA 3
- M4.0 - MECHANICAL PLAN AREA 4
- M5.0 - MECHANICAL PLAN AREA 5 SECOND FLOOR
- M6.0 - MECHANICAL PLAN AREA 5 SECOND FLOOR
- M7.0 - MECHANICAL PLAN AREA 5 SECOND FLOOR
- M8.0 - MECHANICAL PLAN AREA 5 SECOND FLOOR
- M9.0 - MECHANICAL PLAN AREA 5 SECOND FLOOR
- M10.0 - MECHANICAL PLAN AREA 5 SECOND FLOOR
- E1.0 - ELECTRICAL SPECIAL SYSTEM PLAN AREA 1
- E2.0 - ELECTRICAL SPECIAL SYSTEM PLAN AREA 2
- E3.0 - ELECTRICAL SPECIAL SYSTEM PLAN AREA 3
- E4.0 - ELECTRICAL SPECIAL SYSTEM PLAN AREA 4
- E5.0 - ELECTRICAL SPECIAL SYSTEM PLAN AREA 5
- E6.0 - ELECTRICAL SPECIAL SYSTEM PLAN AREA 5 SECOND FLOOR
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- E100.0 - ELECTRICAL SPECIAL SYSTEM PLAN AREA 5 SECOND FLOOR

☆ HIDALGO COUNTY OFFICIALS ☆

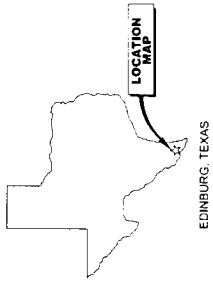
RAMON GARCIA ☆☆☆☆☆☆ COUNTY JUDGE
A.C. CUELLAR, JR. ☆☆☆☆☆☆ COMMISSIONER PCT. No. 1
HECTOR "TITO" PALACIOS ☆☆☆☆ COMMISSIONER PCT. No. 2
JOE M. FLORES ☆☆☆☆☆☆ COMMISSIONER PCT. No. 3
JOSEPH PALACIOS ☆☆☆☆☆☆ COMMISSIONER PCT. No. 4

☆ HIDALGO COUNTY SHERIFF ☆

J.E. "EDDIE" GUERRA ☆☆☆☆☆☆ COUNTY SHERIFF



V I C I N I T Y M A P N. T. S.
701 El Comodoro Road
Edinburg, TX



ARCHITECT



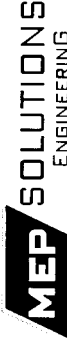
SAM GARCIA ARCHITECT
200 S. 10th Street, Suite 200
McAllen, TX 78501
(956) 212-4930
info@samgarciaarchitect.com

STRUCTURAL ENGINEERING

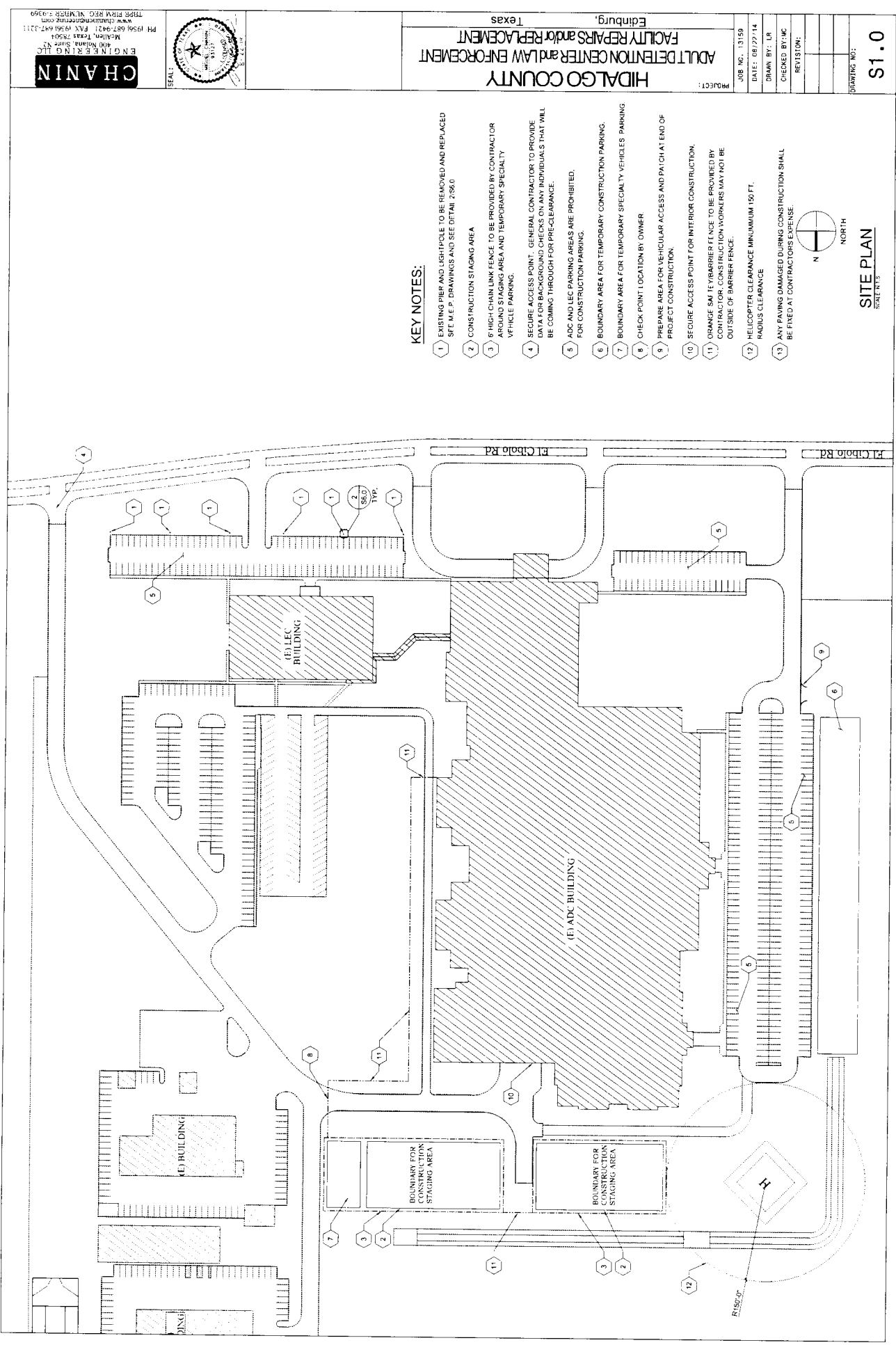


CHANIN ENGINEERING
400 Nolana, Suite N2
McAllen, Texas 78504
PH: (956) 687-9421 FAX: (956) 687-3211
www.channinengineering.com
TBPE FIRM REG. NUMBER F-9369

M.E.P. ENGINEERING



MECHANICAL ELECTRICAL PLUMBING ENGINEERS
500 E. BEAUMONT AVE. SUITE 200 McALLEN, TX 78501 (956) 664-2727
TEXAS BOARD OF PROFESSIONAL ENGINEERS REGISTRATION # F-9748



KEY NOTES:

- 1) EXISTING PIER AND LIGHT POLE TO BE REMOVED AND REPLACED SEE M.E.P. DRAWINGS AND SEE DETAIL 2/86.0
- 2) CONSTRUCTION STAGING AREA
- 3) 6' HIGH CHAIN LINK FENCE TO BE PROVIDED BY CONTRACTOR FOR STAGING AREA AND TEMPORARY SPECIALTY VEHICLE PARKING
- 4) SECURE ACCESS POINT - GENERAL CONTRACTOR TO PROVIDE DATA FOR BACKGROUND CHECKS ON ANY INDIVIDUALS THAT WILL BE COMING THROUGH FOR PRE-CLEARANCE.
- 5) ADC AND LEC PARKING AREAS ARE PROHIBITED FOR CONSTRUCTION PARKING.
- 6) BOUNDARY AREA FOR TEMPORARY CONSTRUCTION PARKING.
- 7) BOUNDARY AREA FOR TEMPORARY SPECIALTY VEHICLES PARKING
- 8) CHECK POINT LOCATION BY OWNER
- 9) PREPARE AREA FOR VEHICULAR ACCESS AND PATCH AT END OF PROJECT CONSTRUCTION.
- 10) SECURE ACCESS POINT FOR INTERIOR CONSTRUCTION.
- 11) ORANGE SAFETY BARRIER FENCE TO BE PROVIDED BY CONTRACTOR. CONSTRUCTION WORKERS MAY NOT BE OUTSIDE OF BARRIER FENCE.
- 12) HELICOPTER CLEARANCE MINIMUM 150 FT.
- 13) ANY PAVING DAMAGED DURING CONSTRUCTION SHALL BE FIXED AT CONTRACTOR'S EXPENSE.

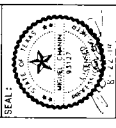


SITE PLAN
SCALE: 1/8" = 1'-0"

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and REPLACEMENT
Edinburg, Texas

PROJECT: _____
JOB NO.: 13159
DATE: 08/22/14
DRAWN BY: LR
CHECKED BY: MC
REVISION: _____
DRAWING NO.: _____
\$1.0

CHANIN
ENGINEERING LLC
400 N. MESA STREET
MCALLEN, TEXAS 78501
PH: (956) 667-0421 FAX: (956) 667-0211
TYPED: PIRVA REG. NUMBER: 2-0369



GENERAL NOTES

TABLE 1704.3

[illegible]

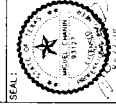
TABLE 1704-4

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION		CONTINUOUS PRELIMINARY	THE REFERENCE
VERIFICATION AND INSPECTION	STANDARD		
1. INSPECTION OF PREPARED REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	
2. INSPECTION OF REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	
3. INSPECTION OF REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	
4. INSPECTION OF REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	
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9. INSPECTION OF REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	
10. INSPECTION OF REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	
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13. INSPECTION OF REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	
14. INSPECTION OF REINFORCEMENT (REINFORCEMENT) AND PLACING CONCRETE	X	ACI 308.1-5 1911.4	

STRUCTURAL TESTS AND SPECIAL INSPECTION

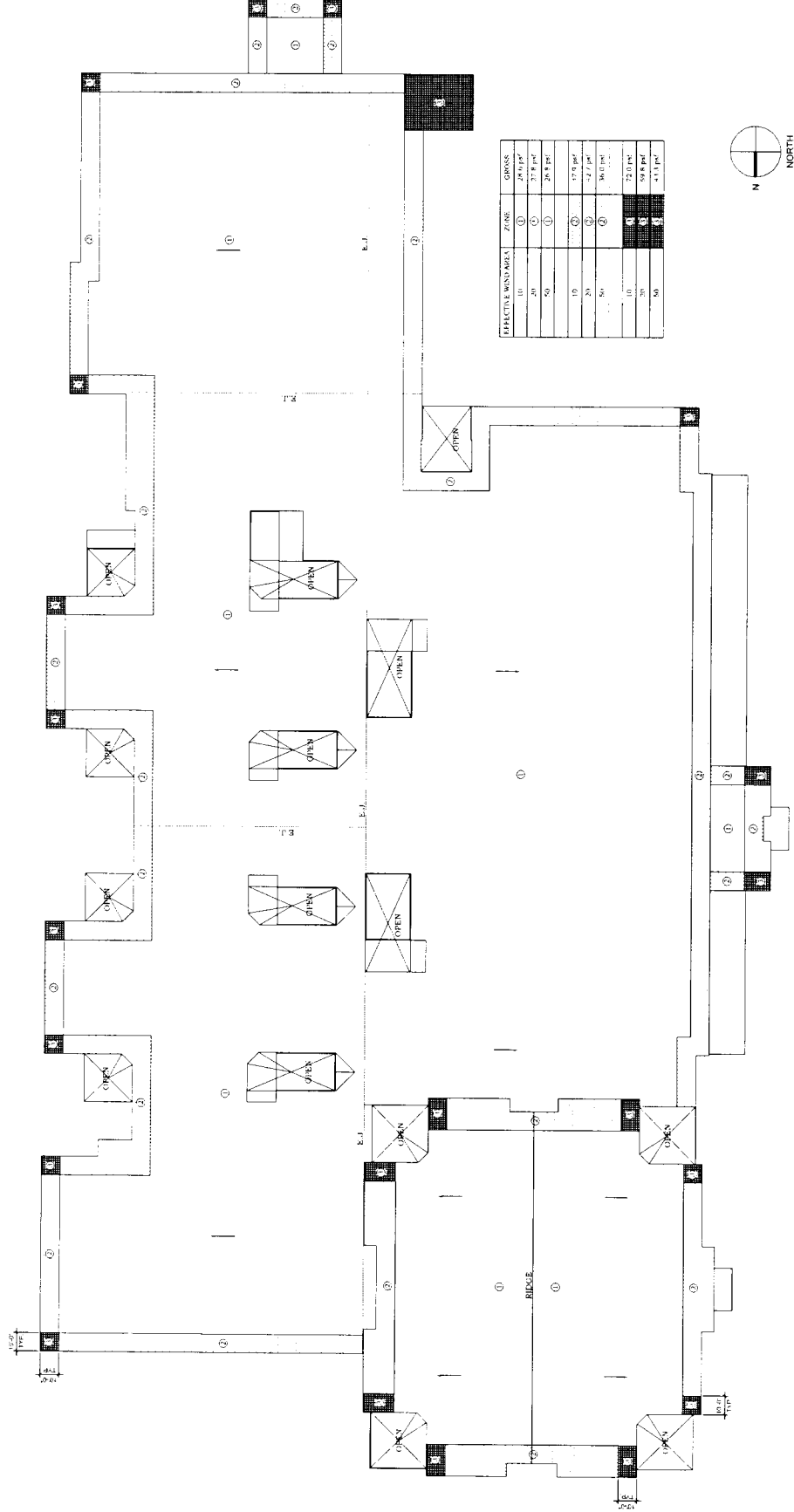
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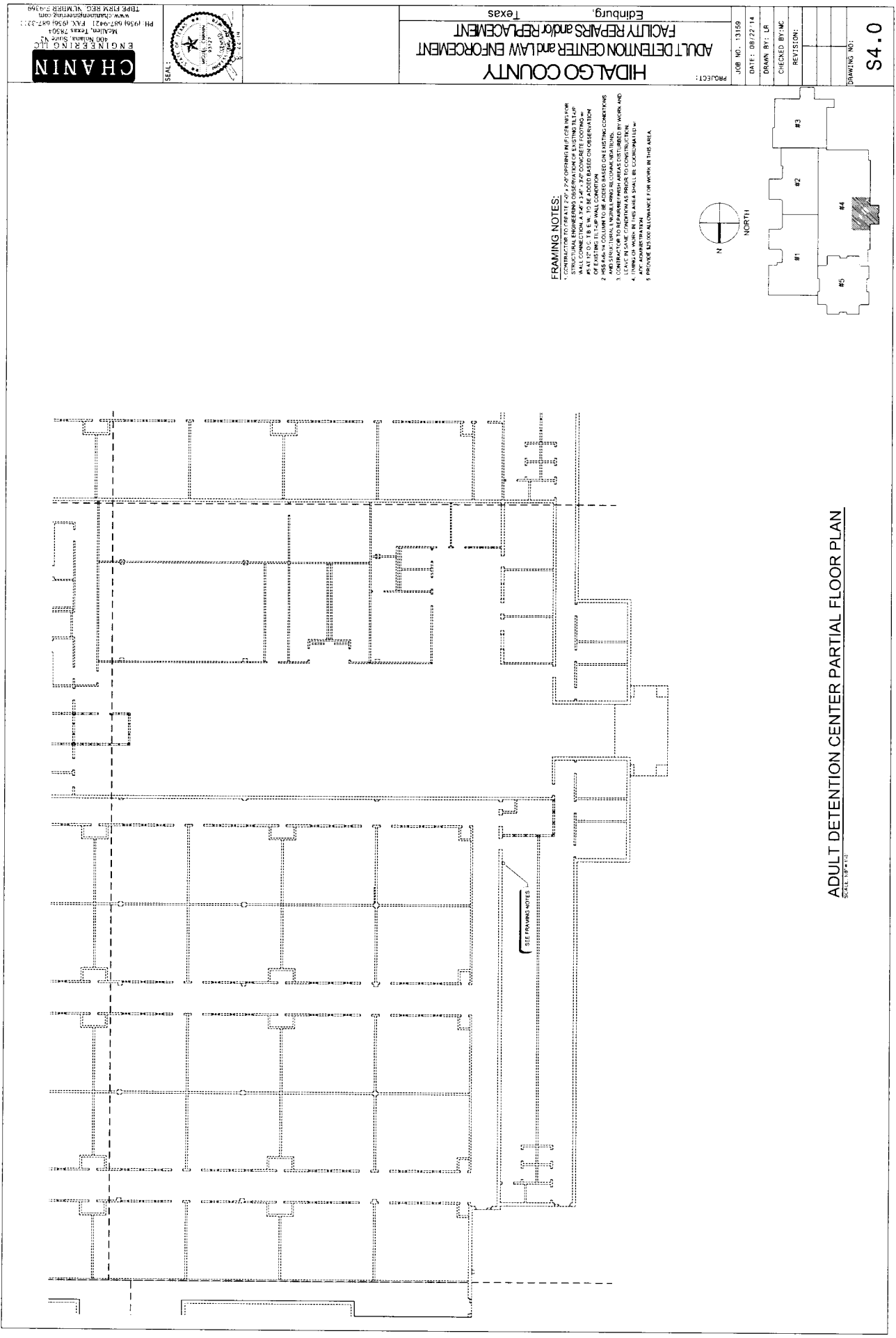
CHANIN
ENGINEERING LLC
400 Nohara, Suite 42
McAllen, Texas 78504
(956) 687-9421 FAX (956) 687-3222
www.chaninengineering.com
TYPE FIRM REG. NUMBER 2-9169



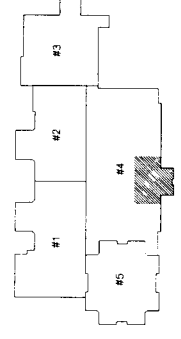
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT
Edinburg, Texas

JOB NO. 13159	
DATE: 08/22/14	
DRAWN BY: LR	
CHECKED BY: MC	
REVISION:	
DRAWING NO:	S2.1



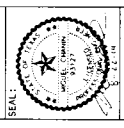


FRAMING NOTES:
1. CONTRACTOR TO OBSERVE 2'-0" OPENING IN EXISTING 12" x 12" WALL CONNECTIONS TO 2'-0" x 12" x 12" CONCRETE FOOTING -
2. CONTRACTOR TO OBSERVE 2'-0" x 12" x 12" CONCRETE FOOTING -
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9. CONTRACTOR TO OBSERVE 2'-0" x 12" x 12" CONCRETE FOOTING -
10. CONTRACTOR TO OBSERVE 2'-0" x 12" x 12" CONCRETE FOOTING -



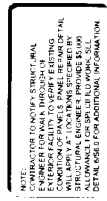
ADULT DETENTION CENTER PARTIAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

CHANIN
ENGINEERING LLC
1000 N. Main Street
McAllen, Texas 78501
PH: (361) 657-4421 FAX: (361) 657-4422
TYPE FIRM REG. NUMBER 241560



HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
Facility Repairs and Replacement
Edinburg, Texas
PROJECT: _____
JOB NO. 13159
DATE: 08/22/14
DRAWN BY: LR
CHECKED BY: MC
REVISION: _____
DRAWING NO. _____
S4.0

SCALE 1" = 100'



Edinburg, Texas

JOB NO. '3159
DATE: 08/22/14

DATE: 08/22/14
DRAWN BY: LR

CHECKED BY: MC

REVISION:

REVISION:		
-----------	--	--

DRAWING NO:

\$5.1



OWNER NOTE: THIS IS A RE-VALUED PROJECT. DUE TO THE BENEFIT OF ACTUAL AS-BUILT DRAWINGS, CERTAIN FORESEEN AND UNKNOWN CONDITIONS MAY BE UNCOVERED DURING CONSTRUCTION. THESE CONDITIONS MAY INCREASE THE COST OF PROJECT BUT BE SMALL COVERED BY OWNER.

- NOTES:**
1. MECHANICAL LOADING INDICATED ON PLANS ARE THE MAXIMUM ALLOWABLE LOADING FOR EXISTING STRUCTURAL CONDITIONS.
 2. CONTRACTOR TO BE IN VERIFY EXACT LOCATION OF ALL UTILITIES.
 3. REFER TO ARCHITECTURAL DRAWINGS FOR ANY ADDITIONAL TIME INSURERS.
 4. EXACT "POST" LOCATIONS ARE NOT SHOWN IN PLANS. EXACT POST LOCATIONS ARE TO BE FIELD VERIFIED.
 5. [XXXXXX] INDICATES AREA THAT SHALL NOT BE USED AS STAGING AREA.
 6. STRUCTURE IS ADEQUATE AS IS AT THIS LOCATION TO SUPPORT NEW STRUCTURAL UNITS.



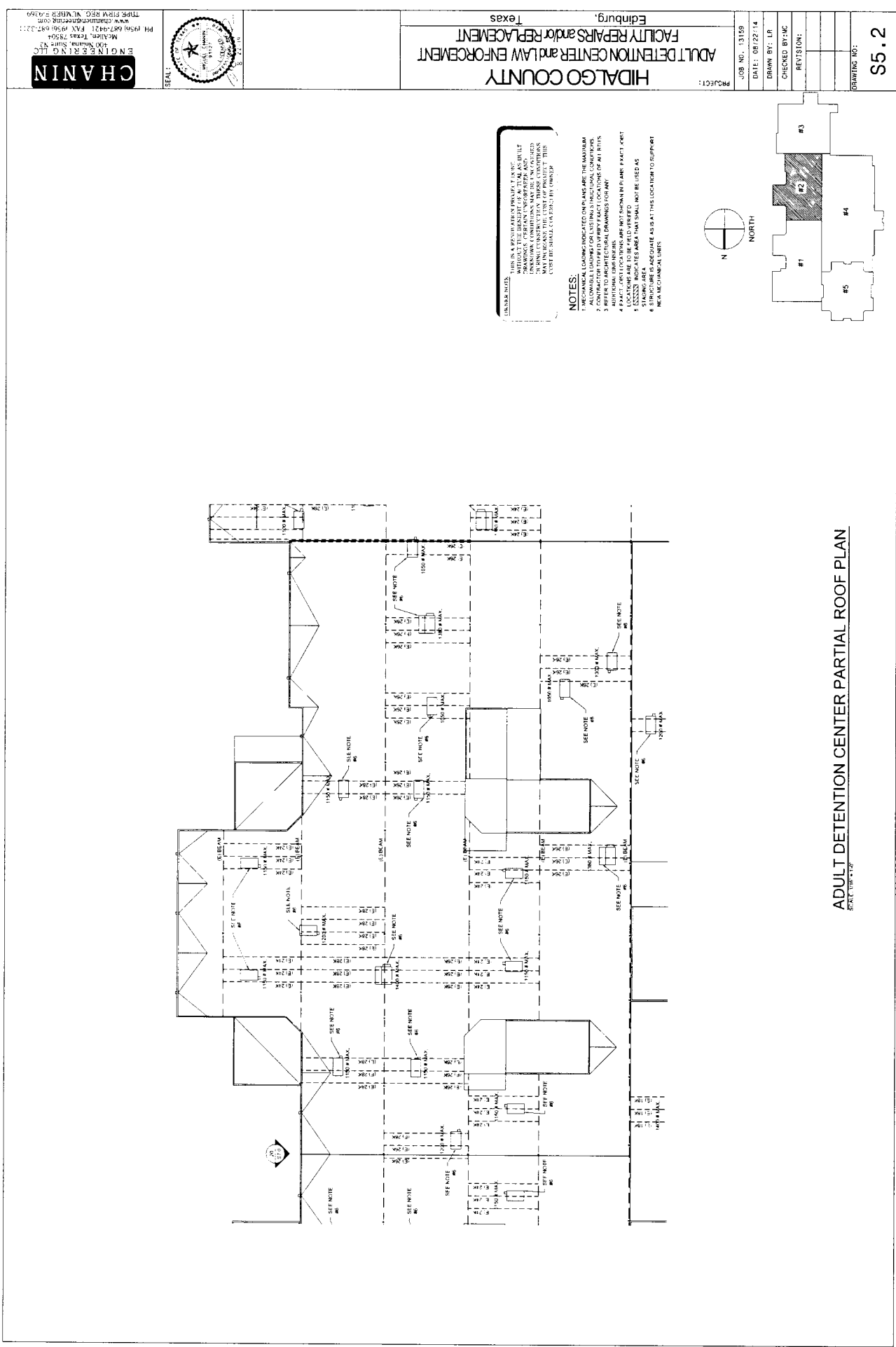
ADULT DETENTION CENTER PARTIAL ROOF PLAN
SCALE 1/8" = 1'-0"

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

CHANIN
ENGINEERING LLC
400 Nolana, Suite Y2
McAllen, Texas 78504
PH: (956) 687-9421 FAX: (956) 687-3321
www.chaninengineering.com
TYPE FIRM REG. NUMBER P-3399



SEAL:

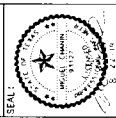


ADULT DETENTION CENTER PARTIAL ROOF PLAN
SCALE: 1/4" = 1'-0"

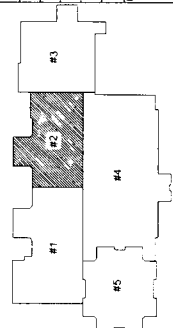
HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT
Edinburg, Texas

PROJECT:	JOB NO. 13159
DATE:	08/22/14
DRAWN BY:	LD
CHECKED BY:	MC
REVISION:	
GRADING NO.:	
S5.2	

CHANIN
ENGINEERING LLC
1000 N. Loop West, Suite 100
McAllen, Texas 78504
PH: (956) 687-4421 FAX: (956) 687-4211
WWW.CHANINENGINEERING.COM
TYPED FROM REG. UT VDR# 2-09669



- NOTES:
1. MECHANICAL LOCATIONS SHOWN ON PLANS ARE THE MAXIMUM WITHOUT THE BENEFIT OF A FINAL ADULT DETENTION CENTER. CONTRACTOR SHALL VERIFY FACT LOCATIONS OF ALL UTILITIES.
 2. REFER TO ARCHITECTURAL DRAWINGS FOR ANY FACT LOCATIONS.
 3. FACT LOCATIONS ARE NOT SHOWN IN PLANS. FACT UNIT LOCATIONS ARE TO BE FIELD VERIFIED.
 4. FACT LOCATIONS ARE NOT SHOWN IN PLANS. FACT UNIT LOCATIONS ARE TO BE FIELD VERIFIED.
 5. STRUCTURE IS ADEQUATE AS IS AT THIS LOCATION TO SUPPORT MECHANICAL UNITS.



ADULT DETENTION CENTER and LAW ENFORCE
FACILITY REPAIRS and/or REPLACEMENT

DRAWING NO.:

55.3

McALISTER, TEXAS 78304
561 687-9421 FAX 19361 687-3
www.channalconcrete.com
GPR FIRM REG. NUMBER F-936



THIS IS A NEGOTIATION PROJECT DONE WITHOUT THE BENEFIT OF ACTUAL AS-BUILT DRAWINGS, CERTAIN UNFORESEEN AND UNKNOWN CONDITIONS MAY BE ENCOUNTERED DURING CONSTRUCTION. THESE CONDITIONS MAY INCREASE THE COST OF PROJECT. THIS COST BE SHALL COVERED BY OWNER.

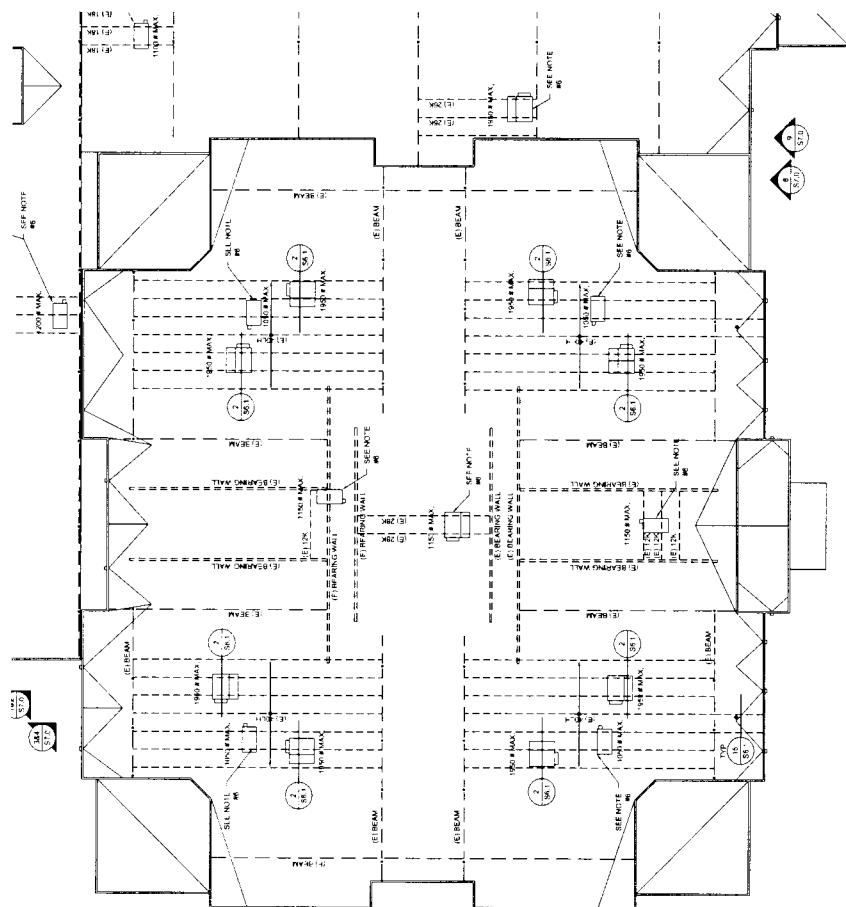
1. MECHANICAL LOADINGS INDICATED ON PLANS ARE THE MAXIMUM ALLOWABLE LOADINGS FOR EXISTING STRUCTURAL CONDITIONS.
2. CONTRACTOR TO FIRST VERIFY LOCATIONS OF ALL RISERS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS.
4. EXACT RISER LOCATIONS ARE NOT SHOWN IN PLANS. RISER LOCATIONS ARE TO BE FIELD VERIFIED.
5. KENNEL INDICATES AREA THAT SHALL NOT BE USED AS STAGING AREA.
6. STRUCTURE IS AGE QUOTE AS IS AT THIS LOCATION TO SUPPORT NEW MECHANICAL UNITS.



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

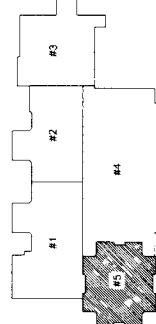


ADULT DETENTION CENTER PARTIAL ROOF PLAN
SCALE: 1/16" = 1'-0"



OWNER NOTE: THIS IS A RENOVATION PROJECT DONE WITHOUT THE BENEFIT OF ACTUAL AS-BUILT DRAWINGS. CERTAIN UNFORESEEN AND UNKNOWN CONDITIONS MAY BE UNCOVERED DURING CONSTRUCTION. THESE CONDITIONS MAY INCREASE THE COST OF PROJECT. THIS COST IS BEING COVERED BY OWNER.

- NOTES:**
1. MECHANICAL LOADS INDICATED ON PLANS ARE THE MAXIMUM ALLOWABLE LOADINGS ON EXISTING STRUCTURAL CONDITIONS.
 2. CONTRACTOR TO FIELD VERIFY EXISTING LOCATION OF ALL UTILITIES.
 3. REFER TO ARCHITECTURAL DRAWINGS FOR ANY ADDITIONAL TYPING INSTRUCTIONS.
 4. EXACT HOLE LOCATIONS ARE NOT SHOWN IN PLANS. EXACT HOLE LOCATIONS ARE TO BE FIELD VERIFIED.
 5. CONNECTIONS ARE TO BE FIELD VERIFIED.
 6. STANDING AREA SHALL NOT BE USED AS A STANDING AREA.
 7. STRUCTURE IS ADEQUATE AS IS AT THIS LOCATION TO SUPPORT NEW MECHANICAL UNITS.



DRAWING NO.:

55.5

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT
Edinburg, Texas

PROJECT:

JOB NO. 13159

DATE: 08/22/14

DRAWN BY: LR

CHECKED BY: MC

REVISION:

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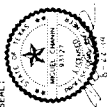
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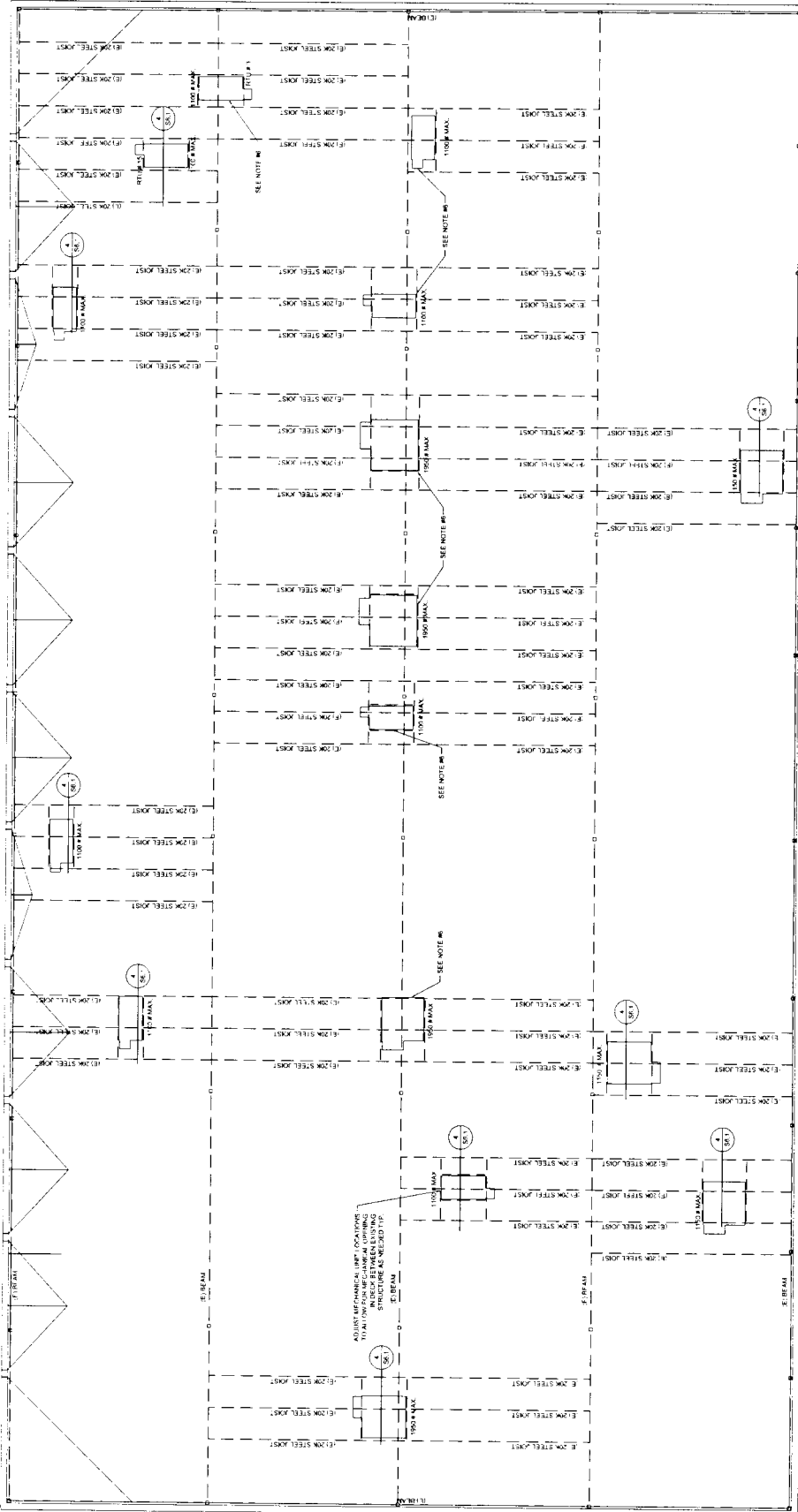
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23

CHANIN
ENGINEERING LLC
400 Notiana, Suite N2
McAllen, Texas 78504
PH (956) 687-9421 FAX (956) 687-22
www.chaninengineering.com
TYPE FIRM REG. NUMBER 59369

SEAL:





NOTES:

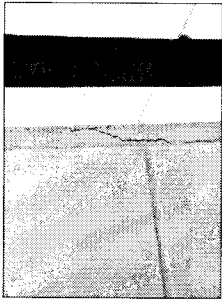
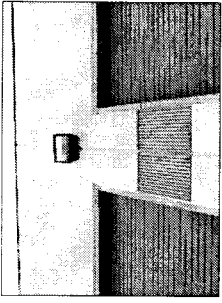
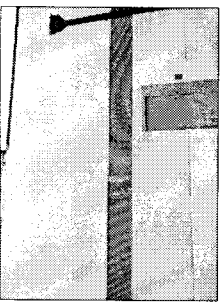
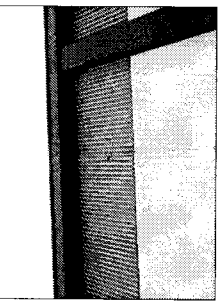
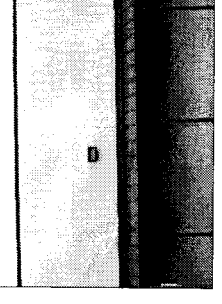
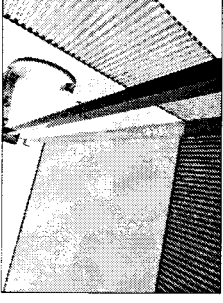
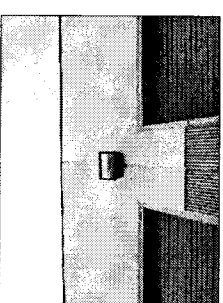
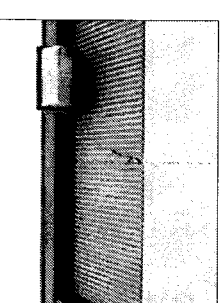
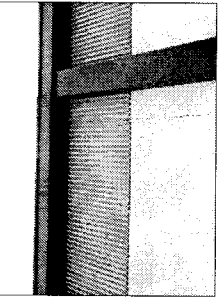
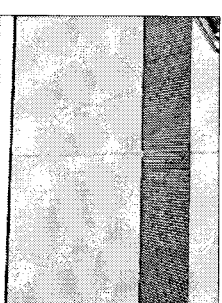
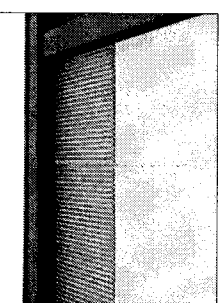
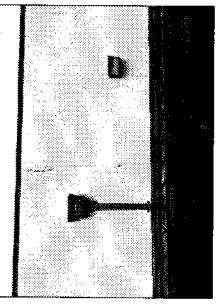
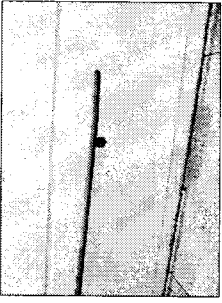
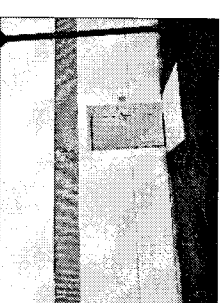
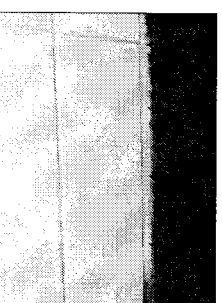
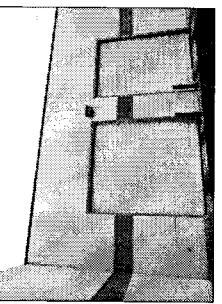
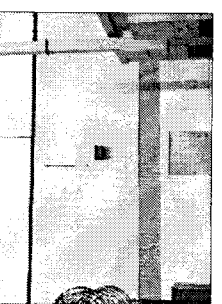
1. MECHANICAL LOADS DERIVED FROM PLANS ARE THE MAXIMUM ALLOWABLE LOADS FOR EXISTING STRUCTURAL COMPONENTS.
2. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF ALL RUTS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR ANY ADDITIONAL DIMENSIONS.
4. EXACT JOIST LOCATIONS ARE NOT SHOWN IN PLANS. EXACT JOIST LOCATIONS ARE TO BE FIELD VERIFIED.
5. ~~EXISTING~~ INDICATES AREA THAT SHALL NOT BE USED AS STAGING AREA.
6. STRUCTURE IS ADEQUATE AS IS AT THIS LOCATION TO SUPPORT NEW MECHANICAL UNITS.

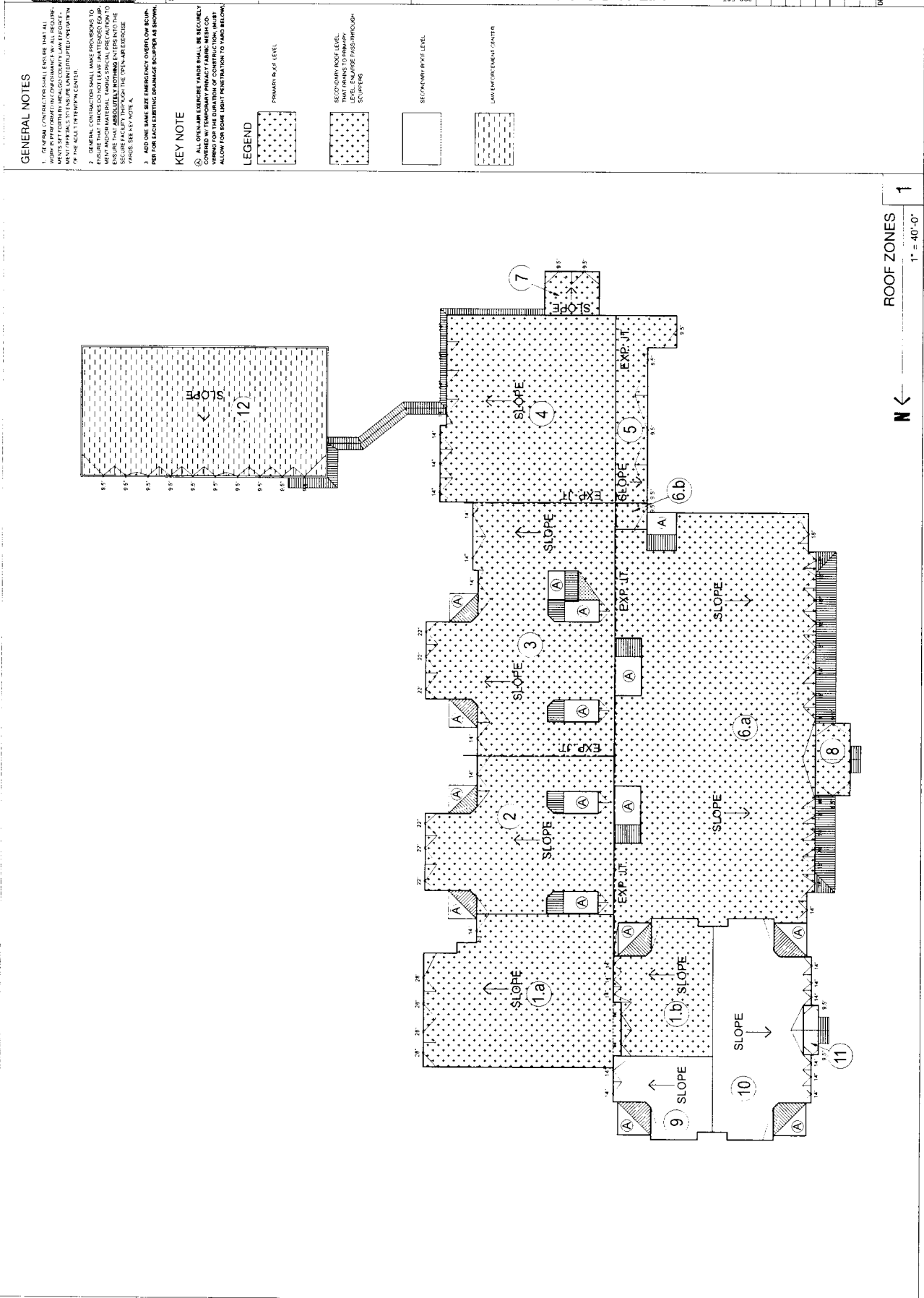


LAW ENFORCEMENT CENTER OVERALL ROOF PLAN
SCALE 1/8" = 1'-0"

SCALE 1/8" = 1'-0"

CHANNIN ENGINEERING, LLC 1727 W. 14TH STREET MCALLEN, TEXAS 78504 PH: (956) 667-9421 FAX: (956) 667-9271 TTYPE: FIRM REG. NUMBER: 0-0066 www.channinengineering.com SEAL:			
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PICTURE 1		PICTURE 5		PICTURE 9		PICTURE 13		PICTURE 17	
									
PICTURE 2		PICTURE 6		PICTURE 10		PICTURE 14		PICTURE 18	
									
PICTURE 3		PICTURE 7		PICTURE 11		PICTURE 15		PICTURE 19	
									
PICTURE 4		PICTURE 8		PICTURE 12		PICTURE 16		PICTURE 20	
DRAWING NO:		DRAWING NO:		DRAWING NO:		DRAWING NO:		DRAWING NO:	
S7.0		S7.0		S7.0		S7.0		S7.0	
PROJECT:		PROJECT:		PROJECT:		PROJECT:		PROJECT:	
HIDALGO COUNTY		HIDALGO COUNTY		HIDALGO COUNTY		HIDALGO COUNTY		HIDALGO COUNTY	
ADULT DETENTION CENTER and LAW ENFORCEMENT		ADULT DETENTION CENTER and LAW ENFORCEMENT		ADULT DETENTION CENTER and LAW ENFORCEMENT		ADULT DETENTION CENTER and LAW ENFORCEMENT		ADULT DETENTION CENTER and LAW ENFORCEMENT	
Edinburg, Texas		Edinburg, Texas		Edinburg, Texas		Edinburg, Texas		Edinburg, Texas	
JOB NO. 13159		JOB NO. 13159		JOB NO. 13159		JOB NO. 13159		JOB NO. 13159	
DATE: 08/22/14		DATE: 08/22/14		DATE: 08/22/14		DATE: 08/22/14		DATE: 08/22/14	
DRAWN BY: LR		DRAWN BY: LR		DRAWN BY: LR		DRAWN BY: LR		DRAWN BY: LR	
CHECKED BY: MC		CHECKED BY: MC		CHECKED BY: MC		CHECKED BY: MC		CHECKED BY: MC	
REVISION:		REVISION:		REVISION:		REVISION:		REVISION:	
TIME FIRM REG. NO. MEMBER 20160		TIME FIRM REG. NO. MEMBER 20160		TIME FIRM REG. NO. MEMBER 20160		TIME FIRM REG. NO. MEMBER 20160		TIME FIRM REG. NO. MEMBER 20160	
P.E. 1954 (05-17-04) P.E. 1950 (04-12-11)		P.E. 1954 (05-17-04) P.E. 1950 (04-12-11)		P.E. 1954 (05-17-04) P.E. 1950 (04-12-11)		P.E. 1954 (05-17-04) P.E. 1950 (04-12-11)		P.E. 1954 (05-17-04) P.E. 1950 (04-12-11)	
M.A.H. ENGINEERING LLC		M.A.H. ENGINEERING LLC		M.A.H. ENGINEERING LLC		M.A.H. ENGINEERING LLC		M.A.H. ENGINEERING LLC	
1500 N. Main Street, Suite 100		1500 N. Main Street, Suite 100		1500 N. Main Street, Suite 100		1500 N. Main Street, Suite 100		1500 N. Main Street, Suite 100	
Edinburg, Texas 78541		Edinburg, Texas 78541		Edinburg, Texas 78541		Edinburg, Texas 78541		Edinburg, Texas 78541	
www.chanin-engineering.com		www.chanin-engineering.com		www.chanin-engineering.com		www.chanin-engineering.com		www.chanin-engineering.com	
CHANIN ENGINEERING LLC		CHANIN ENGINEERING LLC		CHANIN ENGINEERING LLC		CHANIN ENGINEERING LLC		CHANIN ENGINEERING LLC	
SEAL:		SEAL:		SEAL:		SEAL:		SEAL:	



GENERAL NOTES

1. GENERAL CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THE WORK SHOWN ON THESE PLANS.
2. GENERAL CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT EXISTING UTILITIES AND STRUCTURES FROM DAMAGE DURING CONSTRUCTION.
3. GENERAL CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
4. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING CURBS, GUTTERS, AND SIDEWALKS.
5. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING LANDSCAPING AND TREES.
6. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING FENCES AND GATES.
7. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNAGE.
8. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING LIGHTING.
9. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING SECURITY SYSTEMS.
10. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING COMMUNICATIONS SYSTEMS.
11. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING DATA SYSTEMS.
12. GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING RECORDS.

KEY NOTE

ALL OPENING EXTERIOR VENTS SHALL BE SECURELY COVERED BY TEMPORARY PROTECTIVE FABRIC WITH CO. 100% AIR RESISTANCE. ALL EXTERIOR VENTS SHALL BE ALLOWED FOR SOME LIMITED PERMITTING TO VANDALISM.

LEGEND

PRIMARY & 2nd LEVEL

SECONDARY ROOF LEVEL THAT DRAINS TO PRIMARY LEVEL ENSURE PASS-THROUGH SCOPERS

SECONDARY ROOF LEVEL

LAW ENFORCEMENT CENTER

PROJECT

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT

Edinburg, Texas

OWNER

HIDALGO COUNTY

200 S. 10th Street, Suite 1502
Edinburg, Texas 78541
PH: (956) 212-4930
FAX: (956) 212-4931
WWW.HIDALGOCOUNTYTX.GOV

DESIGNER

SAM GARCIA ARCHITECT

200 S. 10th Street, Suite 1502
Edinburg, Texas 78541
PH: (956) 212-4930
FAX: (956) 212-4931
WWW.SAMGARCIAARCHITECT.COM

DATE

08/22/14

DRAWN BY

SGS

CHECKED BY

MC

REVISION

REVISION

NO.	DESCRIPTION
1	1" = 40'-0"

ROOF ZONES

1

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THE WORK SHOWN ON THESE PLANS.
2. GENERAL CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT EXISTING UTILITIES AND STRUCTURES FROM DAMAGE DURING CONSTRUCTION.
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KEY NOTE

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LEGEND

PRIMARY & 2nd LEVEL

SECONDARY ROOF LEVEL THAT DRAINS TO PRIMARY LEVEL ENSURE PASS-THROUGH SCOPERS

SECONDARY ROOF LEVEL

LAW ENFORCEMENT CENTER

PROJECT

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT

Edinburg, Texas

OWNER

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DESIGNER

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Edinburg, Texas 78541
PH: (956) 212-4930
FAX: (956) 212-4931
WWW.SAMGARCIAARCHITECT.COM

DATE

08/22/14

DRAWN BY

SGS

CHECKED BY

MC

REVISION

NO.	DESCRIPTION
1	1" = 40'-0"

ROOF ZONES

1

CHANNIN ENGINEERING LLC
 4901 N. Loop West, Suite 200
 Houston, Texas 77047
 Tel: (281) 415-1111
 Fax: (281) 415-1112
 www.channin-engineering.com

SAM GARCIA ARCHITECT
 200 S. 10th Street, Suite 1402
 Midland, Texas 79701
 Tel: (409) 551-1212
 www.samgarciaarchitect.com

HIDALGO COUNTY
 FACILITY REPAIRS AND LAW ENFORCEMENT
 Edinburg, Texas

GENERAL NOTES

1. AT NEW ROOF CORNER FLASHING PROVIDE CHIMNELS AS REQUIRED TO INSURE POSITIVE DRAINAGE.
2. PROVIDE CONCRETE ROOF DRAIN ASSEMBLY, BE METEOROLOGICAL ATTACHED TO ROOF.
3. THE SEAL ALL VERTICAL WALL JOINTS AT EXTERIOR WALLS AND ROOF DRAIN ASSEMBLY TO PREVENT WATER PENETRATION FROM INSIDE TO OUTSIDE AND VICE VERSA.
4. SURFACES, PER 6.4.1.

KEY NOTES

5. PERFORM THERMOCORE INFRARED SCAN OF ALL ROOF AREAS, IDENTIFY AND MARK ALL WEAK OR DAMP SPOTS, RECORD AND REPORT AS SPECIFIED.
6. REPAIR ALL EXISTING MECHANICAL CURB HEIGHTS AS REQUIRED TO MEET MINIMUM CURB HEIGHTS AND PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED. PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED. PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED. PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED.
7. PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED. PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED. PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED. PROVIDE APPROPRIATE COUNTERSINKING AS NEEDED.
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PROJECT:

JOB NO. 13159

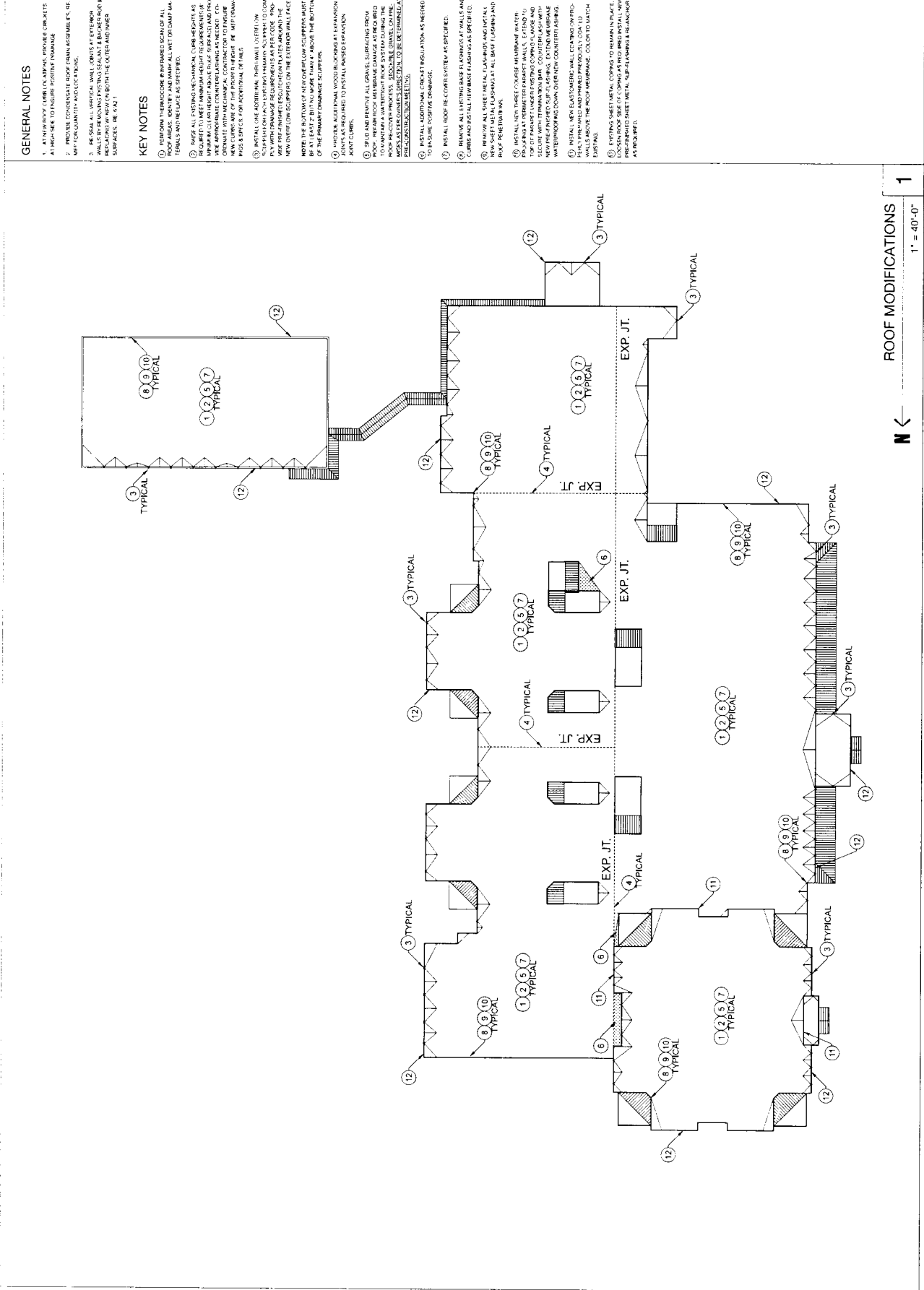
DATE: 08/22/14

DRAWN BY: SRS

CHECKED BY: MC

REVISION:

DRAWING NO: A1.3

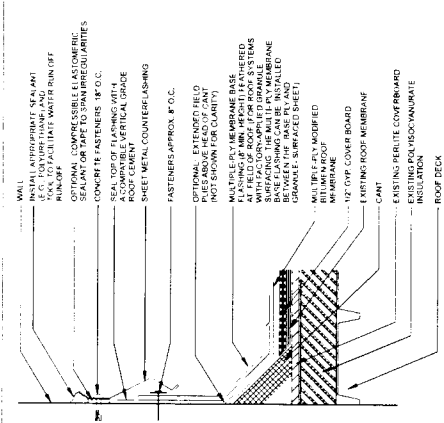


N ←

1' = 40'-0"

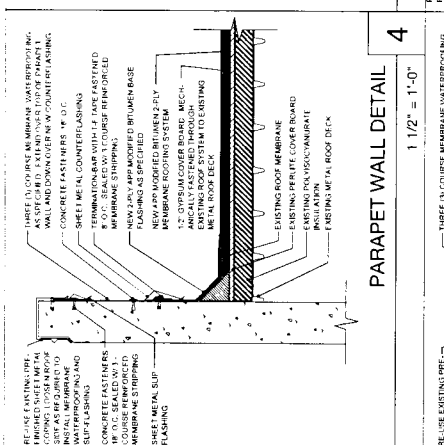
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ROOF MODIFICATIONS



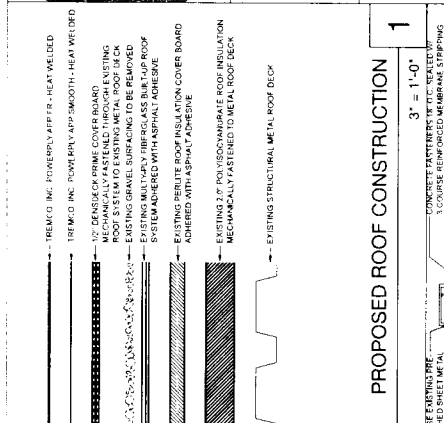
7
SURFACE MOUNT COUNTER-
FLASHING FOR CONCRETE WALLS

N.T.S.



4
PARAPET WALL DETAIL

1 1/2" = 1'-0"



1
PROPOSED ROOF CONSTRUCTION

3" = 1'-0"

CHANNIN ENGINEERING LLC
1000 N. 10th Street, Suite 100
Edinburg, Texas 78541
PH: (361) 556-1500
WWW.CHANNINENGINEERING.COM

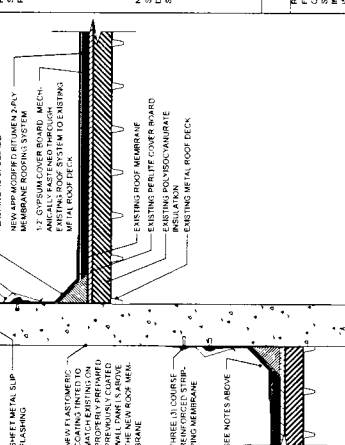
SAM GARCIA ARCHITECT
200 S. 10th Street, Suite 100
Edinburg, Texas 78541
PH: (361) 556-1500
WWW.SAMGARCIAARCHITECT.COM

Hidalgo County
Adult Detention Center and Law Enforcement
Edinburg, Texas



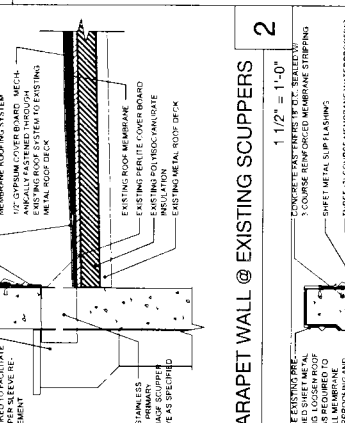
5
PARAPET WALL DETAIL

1 1/2" = 1'-0"



2
PARAPET WALL @ EXISTING SCUPPERS

1 1/2" = 1'-0"



3
PARAPET WALL
DETAIL @ NEW OVERFLOW SCUPPERS

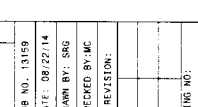
1 1/2" = 1'-0"

Hidalgo County
Adult Detention Center and Law Enforcement
Edinburg, Texas

PROJECT:
JOB NO. 13159
DATE: 08/22/14
DESIGN BY: SSG
CHECKED BY: MC
REVISION:
DRAWING NO: A2.1

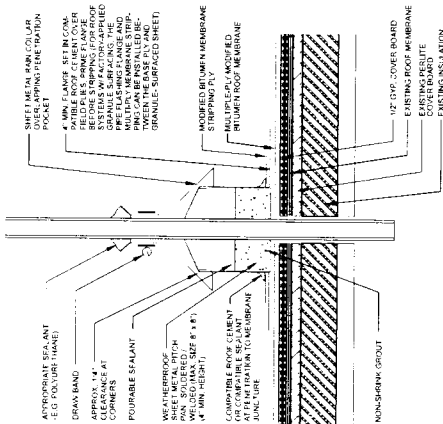
PLAN VIEW
PRECAST PANEL JOINT TREATMENT

1 1/2" = 1'-0"



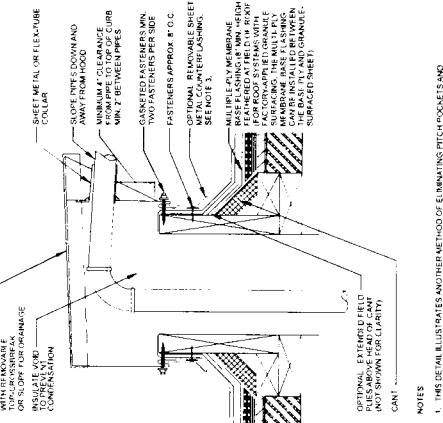
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PLAN VIEW
PRECAST PANEL JOINT TREATMENT

1 1/2" = 1'-0"



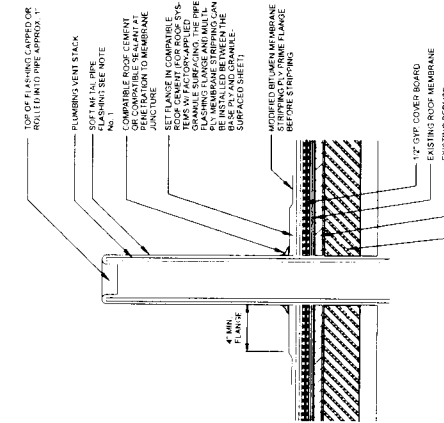
PENETRATION POCKET

N.T.S.



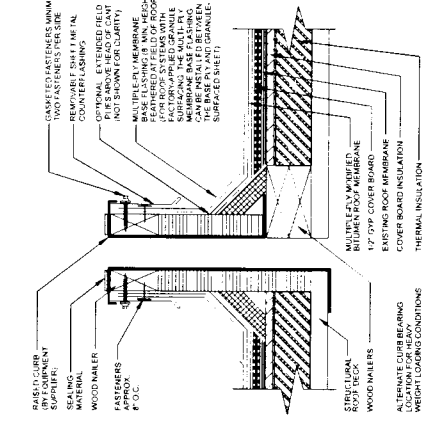
**SHEET METAL ENCLOSURE
FOR PIPING THROUGH ROOF DECK**

N.T.S.



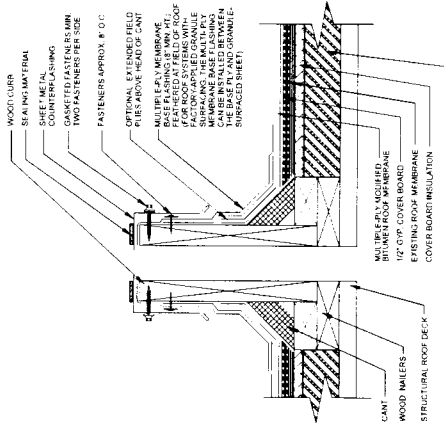
PLUMBING VENT

U.T.S.



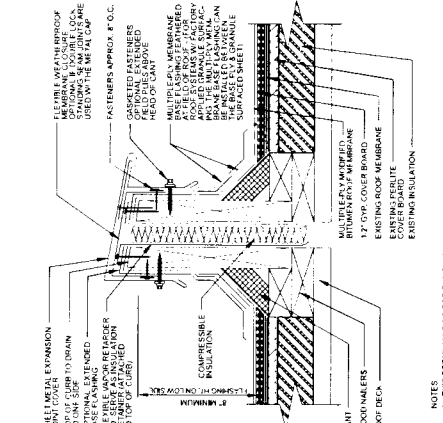
RAISED CURB DETAIL FOR ROOFTOP
RAHUS & DUCTS (PREFAB METAL CURB)

NTS



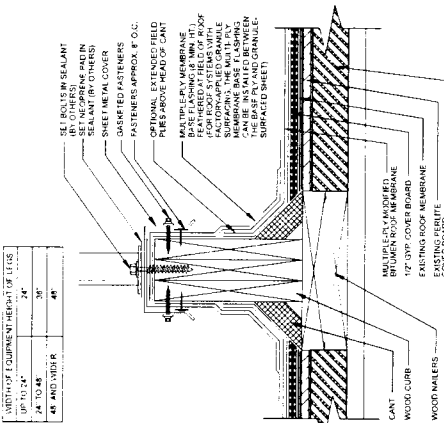
RAISED CURB DETAIL FOR ROOFTOP
AHUs & DUCTS (SITE-BUILT WOOD CURB)

T.S.



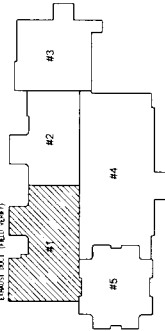
EXPANSION JOINT W/ METAL COVER

V.T.S.



EQUIPMENT SUPPORT CURB

N.T.S.

[illegible]

MECHANICAL PLAN A
SCALE: 1/8" = 1'-0"

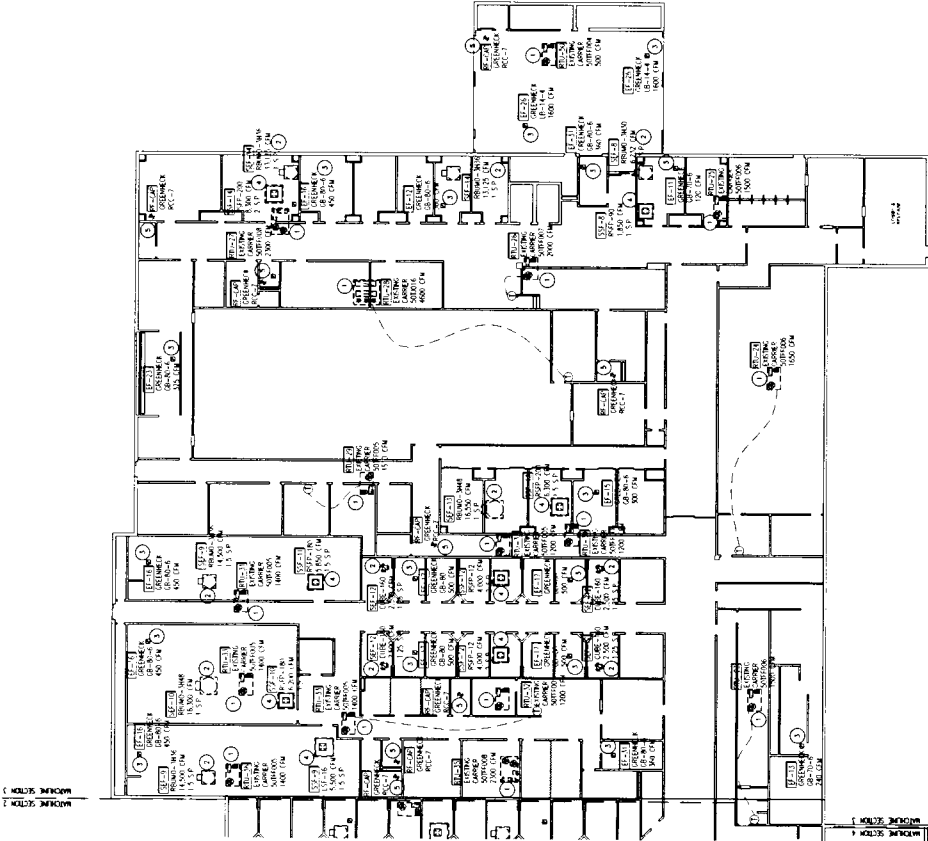
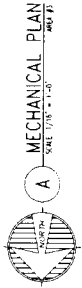
The plan shows a complex arrangement of rooms and mechanical systems. Key areas include:

- Classrooms:** Numerous rooms labeled with numbers and names, such as Classroom 1 through Classroom 12.
- Cafeteria:** A large central area labeled "CAFETERIA".
- Gymnasium:** A large room labeled "GYMNASIUM".
- Administrative Offices:** Several rooms labeled "OFFICE" and "ADMINISTRATIVE".
- Mechanical Equipment:** Various units labeled "A/C", "BOILER", "EXHAUST FAN", etc., with their respective specifications.
- Section Lines:** Labeled "MECHANICAL SECTION 1" through "MECHANICAL SECTION 5".

Edinburg, Texas

JOB NO. 13159	DATE: 8/22/14	DRAWN BY: L.S	CHECKED BY: J.L	REVISION:
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DRAWING NO: M3.0

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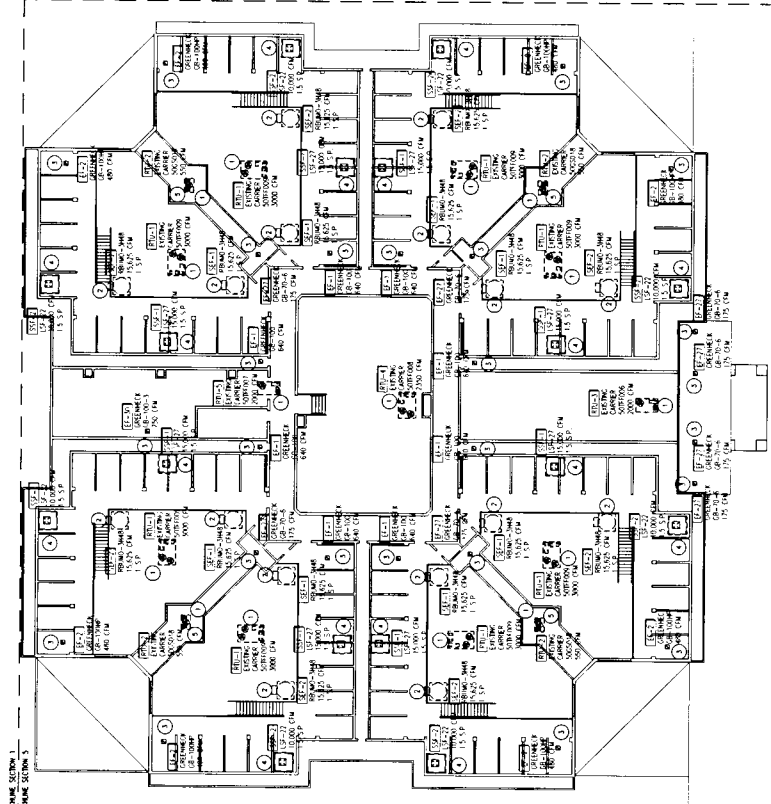
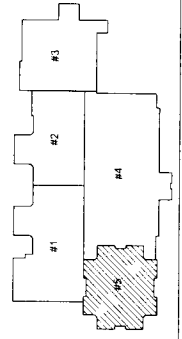


M.E.P. GENERAL DEMOLITION NOTES:

- A. DEMOLITION OF THE CLIMB AND SLIP SYSTEMS SHALL BE COMPLETED BY THE CONTRACTOR PRIOR TO THE START OF THE DEMOLITION OF THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME.
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- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME.
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KEY NOTES:

1. EXISTING ROOF TO BE DEMOLISHED AND REPLACED WITH NEW ROOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION DEBRIS AND THE DISPOSAL OF THE SAME.
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2nd FLOOR MECHANICAL PLAN
SCALE: 1/8" = 1'-0"
DATE: 8/22/14

MECHANICAL SECTION 5



M.E.P. GENERAL
DEMOLITION NOTES:

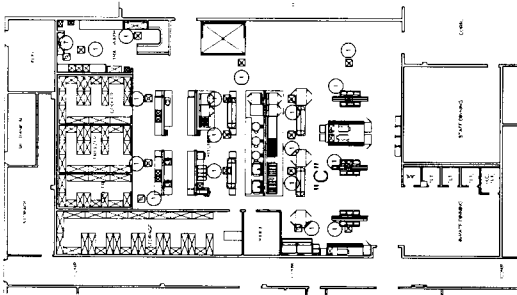
1. A preliminary assessment of the patient's general health status, including a review of the patient's medical history, current medications, and any recent laboratory tests.
2. A physical examination of the patient, focusing on the respiratory system, including the lungs, heart, and chest wall.
3. A review of the patient's chest X-ray, which shows a clear lung field with no evidence of consolidation or effusion.
4. A review of the patient's sputum culture, which shows no growth of any organisms.
5. A review of the patient's vital signs, which are within normal limits.
6. A review of the patient's oxygen saturation, which is 95% on room air.
7. A review of the patient's respiratory rate, which is 12 breaths per minute.
8. A review of the patient's heart rate, which is 72 beats per minute.
9. A review of the patient's blood pressure, which is 120/80 mmHg.
10. A review of the patient's temperature, which is 37.5°C.
11. A review of the patient's weight, which is 70 kg.
12. A review of the patient's height, which is 175 cm.
13. A review of the patient's body mass index (BMI), which is 22.5.
14. A review of the patient's smoking history, which is 10 years of smoking 1 pack per day.
15. A review of the patient's alcohol consumption, which is 1-2 drinks per week.
16. A review of the patient's exercise tolerance, which is 30 minutes of walking.
17. A review of the patient's diet, which is a balanced diet with no restrictions.
18. A review of the patient's sleep pattern, which is 7-8 hours per night.
19. A review of the patient's stress level, which is low.
20. A review of the patient's overall quality of life, which is good.

GENERAL NOTES:

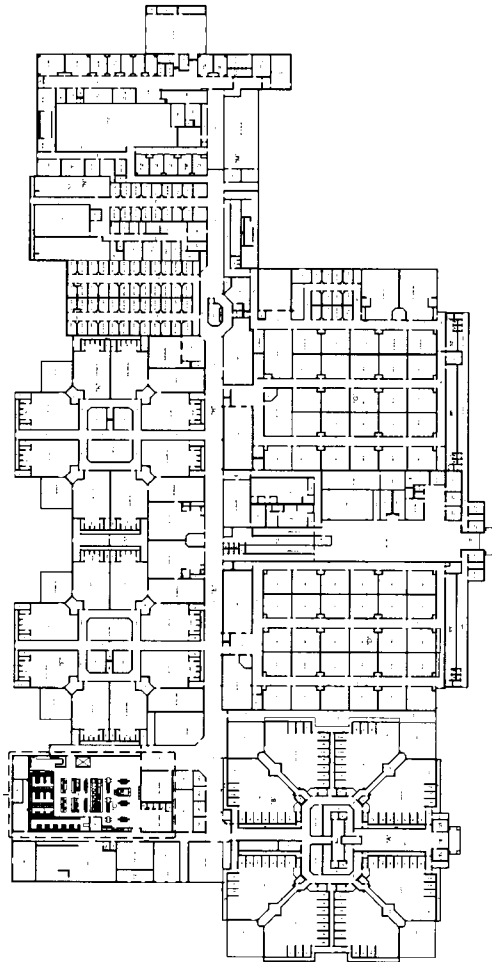
- [illegible]

KEY NOTES:

- [illegible]



B ENLARGED MECHANICAL PLAN
SCALE 1/16" = 1'-0"



A MECHANICAL PLAN
SCALE 1/8" = 1'-0"



M.E.P. GENERAL DEMOLITION NOTES:

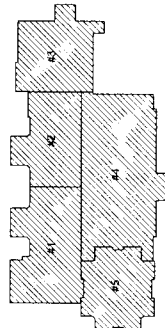
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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GENERAL NOTES:

- REFER TO SCHEDULE SHEET FOR ADDITIONAL GENERAL NOTES.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO MAINTAIN NECESSARY CLEARANCES FOR ALL MECHANICAL EQUIPMENT.
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KEY NOTES:

- EXISTING EQUIPMENT AND/OR STRUCTURES SHALL BE DEMOLISHED WITH NEW EQUIPMENT AND/OR STRUCTURES TO BE INSTALLED IN THE SAME LOCATION.
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CHANIN
F. N. CHANIN & SONS, INC.
MECHANICAL ENGINEERING
1400 North Loop West, Suite 750
Houston, Texas 77004
PH (954) 667-4411 FAX (954) 667-4411
www.chaninengineering.com



M.E.P. SOLUTIONS
MECHANICAL ENGINEERING
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Houston, Texas 77004
PH (954) 667-4411 FAX (954) 667-4411
www.chaninengineering.com

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
Edinburg, Texas
PROJECT: _____
JOB NO. 13159
DATE: 01/22/14
DRAWN BY: L.S.
CHECKED BY: J.L.P.
REVISION: _____
DRAWING NO: _____

M7.0
DRAWING NO: _____

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2. PROPOSE WITH SINGLE POINT POWER DISCONNECT AND 120-VOLT RECEPTACLE

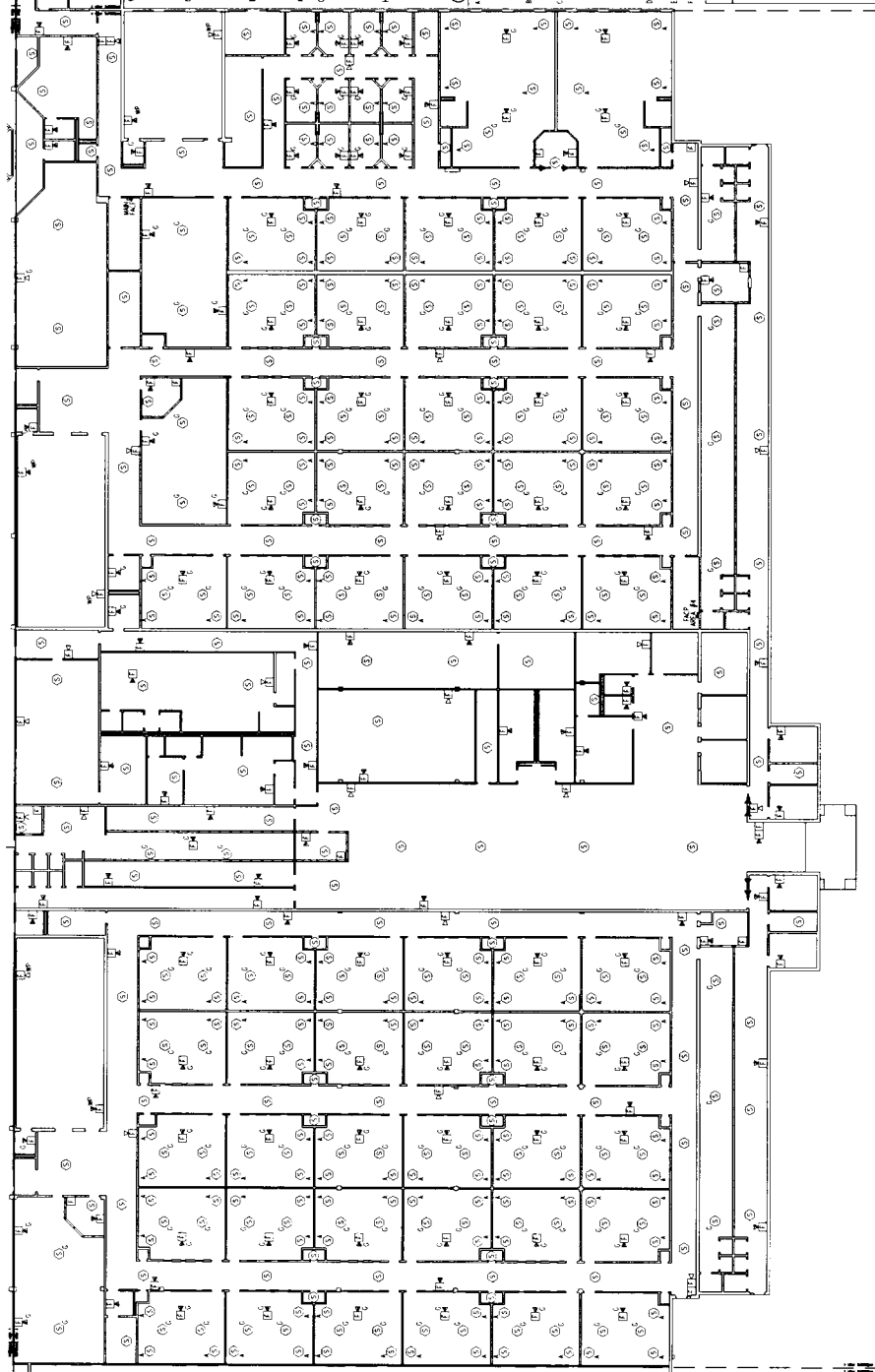
3. PROPOSE WITH CUBIC ADAPTER

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2 PROVIDE WITH SINGLE POINT POWER, (DISCONNECT, AND 120-VOLT RECEPTACLE

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GENERAL

DEMOLITION NOTES:

- [illegible]

GENERAL NOTES:

- [illegible]

FIELD VERIFY ALL CONDITIONS

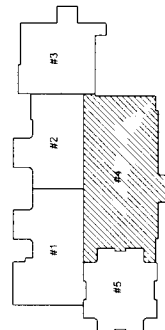
- DESIGN REVISIONS. CONSIDER THE CONTRACTOR SHALL HAVE THE RIGHT TO REFUSE, OR WAIVE IN CONTRACT TO ACCEPT, LITING, FIELD, CONSTRUCTION, AND/OR REVISIONS TO THE CONTRACT. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.
- THE CONTRACTOR SHALL COMPLY WITH THE STANDARD ENGINEER PRACTICE FOR REVISIONS AND THE STANDARD PRACTICES OF THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.
- THE CONTRACTOR SHALL HAVE A MINIMUM KNOWLEDGE OF THE LOCAL CODES AND ORDINANCES AND SHALL FOLLOW THE SAME IN THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.
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CHANNIN ENGINEERING, LLC
400 Nolana, Suite N2
McAllen, Texas 78504
PH: (956) 667-9421 FAX: (956) 667-1211
www.channinengineering.com
TYPE FIRM REG. NUMBER P-9169



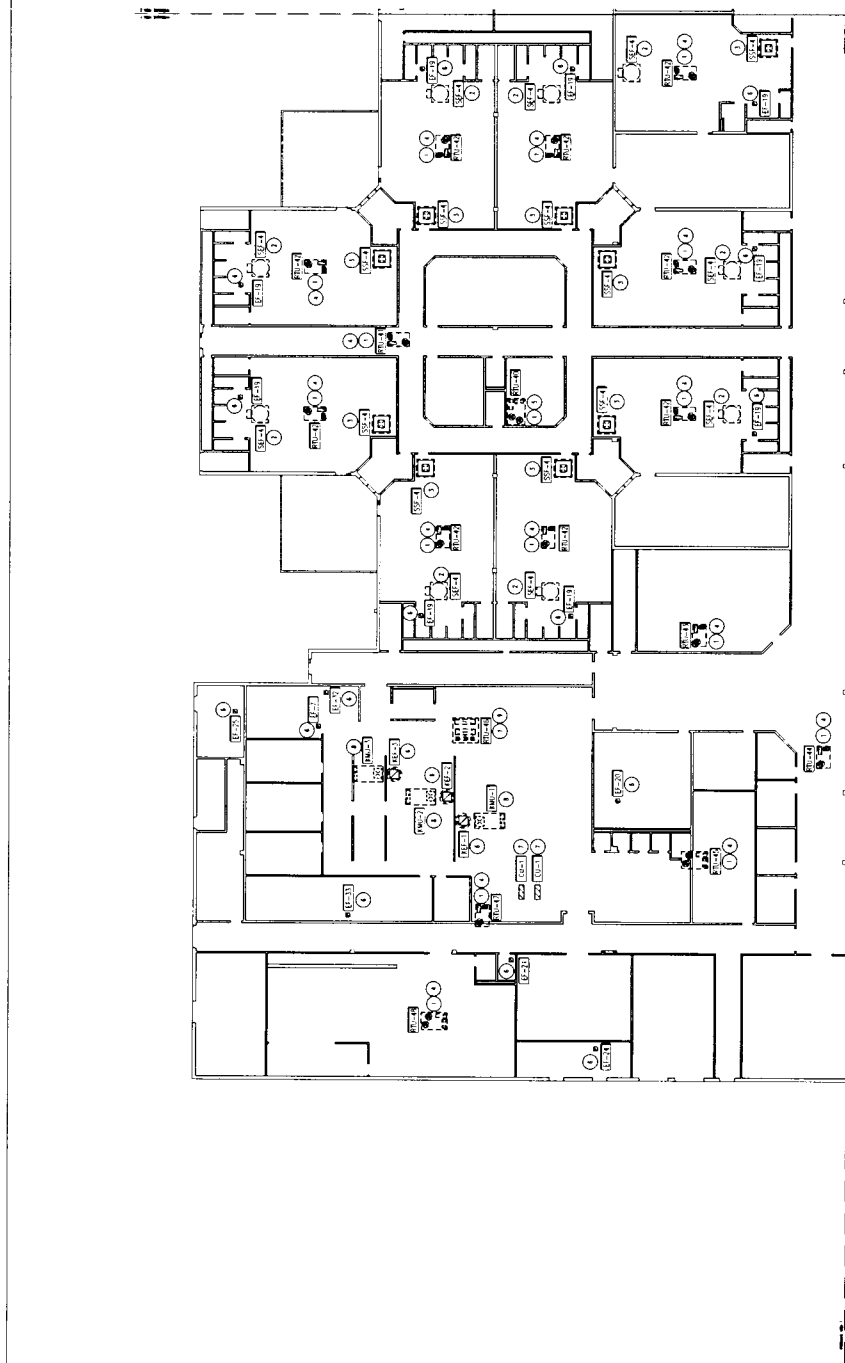
HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT
Edinburg, Texas

JOB NO. 13159			
DATE: 8/22/14			
DRAWN BY: M.G.			
CHECKED BY: A.D.			
REVISION:			
DRAWING NO:			



ELECTRICAL SPECIAL SYSTEMS PLAN





**GENERAL
DEMOLITION NOTES:**

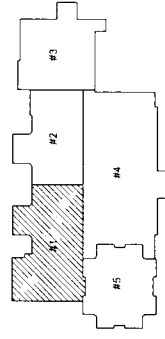
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GENERAL NOTES:

- [illegible]

KEY NOTES:

- [illegible]



 **A** **ELECTRICAL - MECHANICAL EQUIPMENT LOCATION PLAN**
SCALE 1/16" = 1'-0" AREA #143C BLOC

0.23

DRAWING NO.:	
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CHECKED BY: A.D
REVISION:

DATE: 8/22/14

PROA

10

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT

MEP SOLUTIONS **ENGINEERING**



CHANIN ENGINEERING LLC
400 Indiana, Suite 750
McAllen, Texas 78504
PH: (956) 687-9421 FAX: (956) 687-1234
www.chaninengineering.com
THREE STAR REG. NUMBER E-0365

KEY NOTES:

1. REMOVE ALL EXISTING ELECTRICAL AND MECHANICAL EQUIPMENT FROM THE BUILDING AND DISPOSE OF IT IN ACCORDANCE WITH THE CITY OF EDINBURG, TEXAS, CHAPTER 100, SUBCHAPTER 100.01, ARTICLE 100.02, SECTION 100.02.01.
2. REMOVE ALL EXISTING ELECTRICAL AND MECHANICAL EQUIPMENT FROM THE BUILDING AND DISPOSE OF IT IN ACCORDANCE WITH THE CITY OF EDINBURG, TEXAS, CHAPTER 100, SUBCHAPTER 100.01, ARTICLE 100.02, SECTION 100.02.01.
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5. REMOVE ALL EXISTING ELECTRICAL AND MECHANICAL EQUIPMENT FROM THE BUILDING AND DISPOSE OF IT IN ACCORDANCE WITH THE CITY OF EDINBURG, TEXAS, CHAPTER 100, SUBCHAPTER 100.01, ARTICLE 100.02, SECTION 100.02.01.
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GENERAL DEMOLITION NOTES:

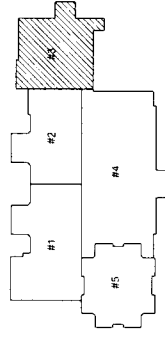
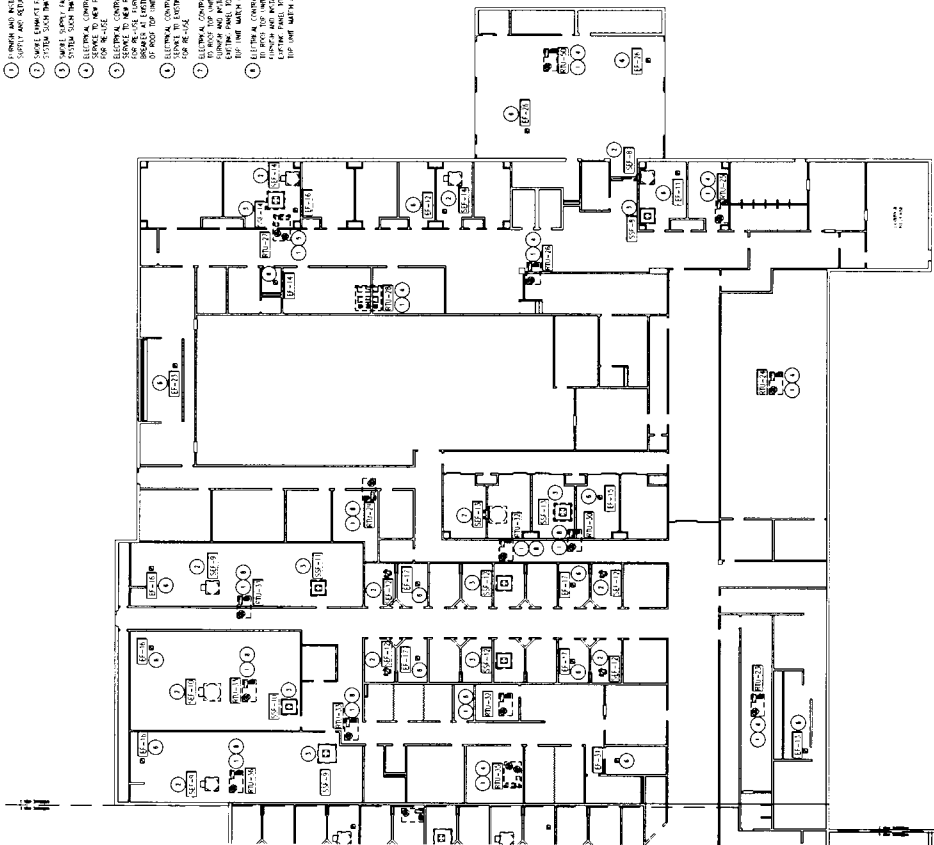
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF EDINBURG, TEXAS, AND THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) PRIOR TO THE START OF DEMOLITION WORK.
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FIELD VERIFY ALL CONDITIONS

BEFORE DEMOLITION, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES (ELECTRIC, GAS, WATER, SEWER, AND TELEPHONE) IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF EDINBURG, TEXAS, AND THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) PRIOR TO THE START OF DEMOLITION WORK.



ELECTRICAL - MECHANICAL EQUIPMENT LOCATION PLAN



CHANIN ENGINEERING LLC
 10000 N. MICHIGAN AVE., SUITE 100
 EDINBURG, TEXAS 77549
 TEL: (281) 486-1111
 FAX: (281) 486-1112
 WWW.CHANINENGINEERING.COM



MFP SOLUTIONS
 MECHANICAL, ELECTRICAL, & PLUMBING ENGINEERS
 10000 N. MICHIGAN AVE., SUITE 100
 EDINBURG, TEXAS 77549
 TEL: (281) 486-1111
 FAX: (281) 486-1112
 WWW.MFPSOLUTIONS.COM

HIDALGO COUNTY
 ADULT DETENTION CENTER and LAW ENFORCEMENT
 Edinburg, Texas

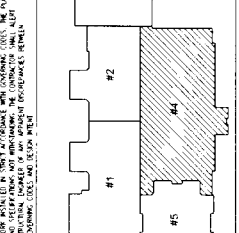
JOB NO: 13159
 DATE: 8/22/14
 DRAWN BY: M.G.
 CHECKED BY: A.D.
 REVISION:
 DRAWING NO: E9.0

[illegible]

GENERAL NOTES:

FIELD VERIFY ALL CONDITIONS

BEFORE, BE ABANDONED TO ASSIST IN FURNISHING FIELD COSTS FOR THE CONTRACT. THE CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETION OF THE PROJECT, INCLUDING THE FOLLOWING:



- [illegible]

ELECTRICAL - MECHANICAL EQUIPMENT LOCATION PLAN



37-36-003
NUMBER OF PROPOS SUBMITTED FOR ESTIMATE DURING QUARTER
SERIES
1960-1973
ELECTRIC CONTRACTING CONTRACTS
1

[illegible][illegible]

It shall be the responsibility of the contractor to complete the necessary restoration, including repair and replacement of building damage, resulting from demolition work. Painting shall be completed with the same materials as the surrounding areas, or with architect approved painting materials.

ALL CONCRETES CUT BY MASSEY AND PLASTER WALLS OR CONCRETE FLOORS CAN BE CRACK-FILLED OR SAVED WHEN POSSIBLE. CONTAIN THE SMALL CRACKS BY SEALING. CONCRETE FLOW WITH STRUCTURAL ENGINEER RECOMMENDATIONS. TO AVOID CUTTING, PROTECT STRUCTURAL BEAMS AND REINFORCING. CONTAIN THE SMALL CRACKS BY SEALING. THE ENGINEER'S RECOMMENDATION IS

CONTRACTOR SHALL REMOVE AND RETURN ANY AND ALL EXISTING EQUIPMENT/MATERIALS TO OWNER. OWNER SHALL HAVE FULL RIGHT IN CONTRACTOR'S WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF CHICAGO. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE CITY OF CHICAGO.

THE CONTRACTOR SHALL BE ASSIGNED RESPONSIBILITY FOR ALL POWER OUTAGES DURING THE CONSTRUCTION OF ANY WORK SHOWN ON THE DRAWINGS WHICH REQUIRES RELOCATION OF BUILDING STRUCTURES AND FINISHES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.

CONTRACTOR SHALL PATCH AND REPAIR ALL BUILDING DAMAGE CAUSED BY DEMOLITION WORK. PATCHING SHALL BE COMPLETED WITH THE SAME MATERIALS AS THE SURROUNDING AREAS, OR WITH APPROVED APPROVED PATCHING MATERIALS.

COORDINATION AMONG OTHER CONSTRUCTION REQUIREMENTS SHOULD BE REQUIRED BY LAW

GENERAL NOTES:
INFORMATION ON THIS PLAN HAS BEEN OBTAINED FROM EXISTING PLANS
AND SITE SURVEY. CONTRACTOR SHALL FIELD VERIFY ALL THE
CONDUITS PRIOR TO CONSTRUCTION. WHERE ANY DISCREPANCIES
BETWEEN EXISTING CONDUITS AND CONSTRUCTION DOCUMENTS, SHALL BE

ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL HAVE SOUND INSULATING /ABSORBING FIRE STOP MATERIAL

NECESSARY ELECTRICAL SERVICE CHANGES SHALL BE MADE BEFORE ANY ELECTRICAL EQUIPMENT, CONDUIT AND CONDUITS ARE INSTALLED. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO REMOVE AND

ALL INTERIORS WERE TO BE REMOVED THE HOURS OF 7:00 A.M. TO 5:00 P.M. DAILY.

SMOKE DETECTORS SHALL BE COMPATIBLE WITH ENVIRONMENT IN WHICH INSTALLED.

THE CONTRACTOR SHALL VARY THE SIZE AND NUMBER OF TEMPLATES SUBJECT TO THE CONTRACTOR'S OBLIGATION TO BEING ON A BASIS OF CONTRACT TO PERFECT LENDING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LEAD AND MATERIALS NECESSARY FOR FIELD OPERATIONS DUE TO LENDING CONDITIONS.

BEFORE CONTRACTORS CAN HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES, THEY MUST BE AWARE OF THE FOLLOWING:

WERE INSTALLED IN SHEET PILING, WITH GOVERNING COILES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT STRUCTURAL ENGINEER OF ANY ASSUMED DISCREPANCIES BETWEEN GOVERNING COILES AND DESIGN INTENT.

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9 9.5 10



MEP SOLUTIONS  **ENGINEERING**

PROJECT: HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT
Edinburg, Texas

JOB NO. 13159	
DATE: 8/22/14	
DRAWN BY: M.G.	
CHECKED BY: A.D.	
REVISION:	
DRAWING NO:	E11.0

1001



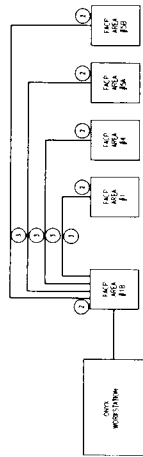
- ④ ELECTRONIC COMPONENTS SMALL ELECTRONIC PACKAGING ELECTRICAL EQUIPMENT
- ⑦ ELECTRONIC COMPONENTS SMALL ELECTRONIC PACKAGING ELECTRICAL EQUIPMENT

[illegible][illegible]

LEGAL OPINION. COMPANY. THE CONTRACTS SHALL BE THE BEST COPY TO BEING, IN ORDER OF CONTRACT TO BE FURNISHED. LEGAL OPINION. THE CONTRACTS SHALL INCLUDE ALL LEGAL AND INTERNAL NECESSARY FOR THE INFORMATION OF THE CONTRACTING COMPANY.

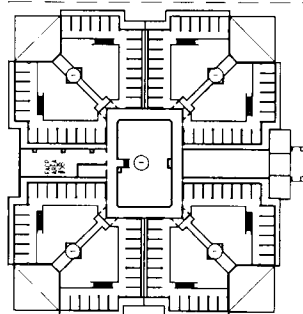
JOB NO. 13159	DRAWING NO: E12.0
DATE: 8/22/14	
DRAWN BY: M.G.	
CHECKED BY: A.D.	
REVISION:	

55 - 2ND FLOOR A.O.C. BUILDING



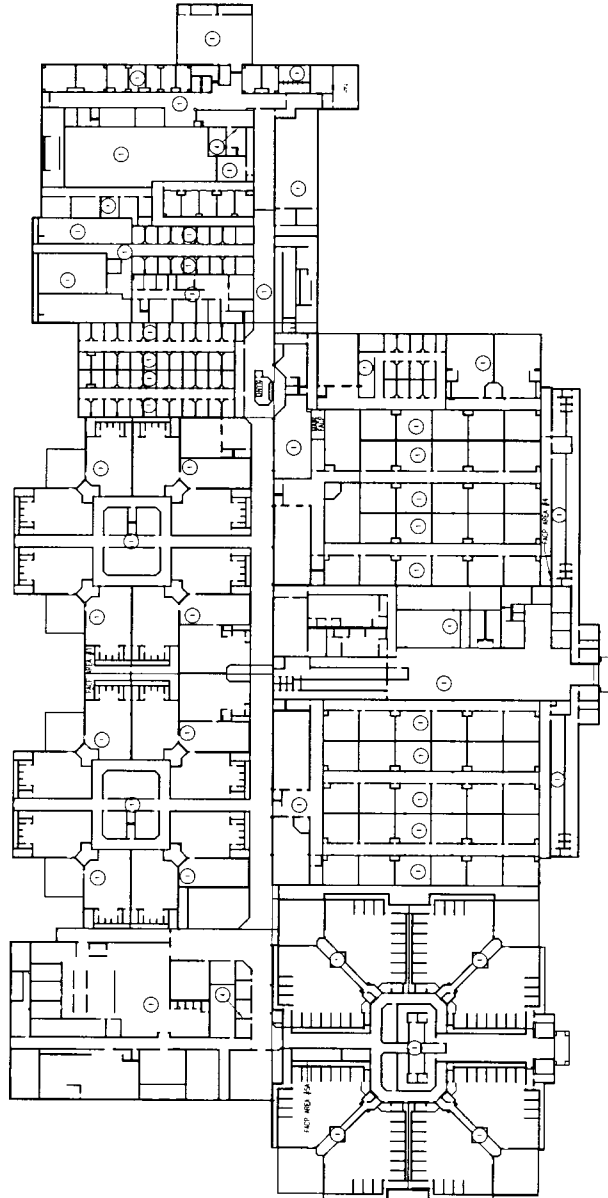
C ELECTRICAL FIRE ALARM DIAGRAM

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



B ELECTRICAL SPECIAL SYSTEMS PLAN

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



A ELECTRICAL SPECIAL SYSTEMS PLAN

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

CONV. AND ELEC. RIG.

KEY NOTES:

1. CONDUIT AND RACEWAYS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B.
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GENERAL DEMOLITION NOTES:

1. ALL EXISTING STRUCTURES SHALL BE DEMOLISHED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B.
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FIELD VERIFY ALL CONDITIONS

BEFORE BEGINNING WORK, THE FIELD ENGINEER SHALL VERIFY ALL CONDITIONS OF THE EXISTING STRUCTURES AND SYSTEMS. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR IDENTIFYING ANY DISCREPANCIES BETWEEN THE AS-BUILT CONDITIONS AND THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR MAINTAINING A DETAILED RECORD OF ALL FIELD VERIFICATIONS AND DISCREPANCIES. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY DISCREPANCIES OR CHANGES TO THE WORK. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR MAINTAINING A DETAILED RECORD OF ALL FIELD VERIFICATIONS AND DISCREPANCIES. THE FIELD ENGINEER SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY DISCREPANCIES OR CHANGES TO THE WORK.

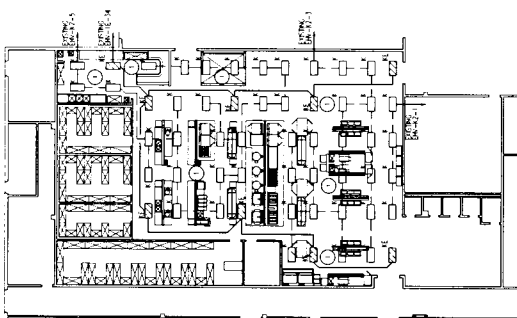
CHANIN ENGINEERING, LLC
400 N. GARDEN STREET
SUITE 200
DALLAS, TEXAS 75202
TEL: (214) 742-1111
FAX: (214) 742-1111
WWW.CHANINENGINEERING.COM



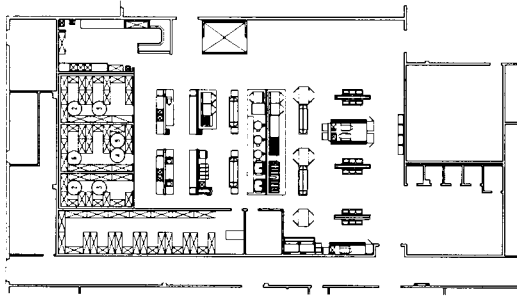
MFP SOLUTIONS
MECHANICAL, ELECTRICAL, PLUMBING, AND HVAC
10000 W. LAKESIDE DRIVE
SUITE 100
DALLAS, TEXAS 75243
TEL: (214) 742-1111
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WWW.MFPSOLUTIONS.COM

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
Edinburg, Texas

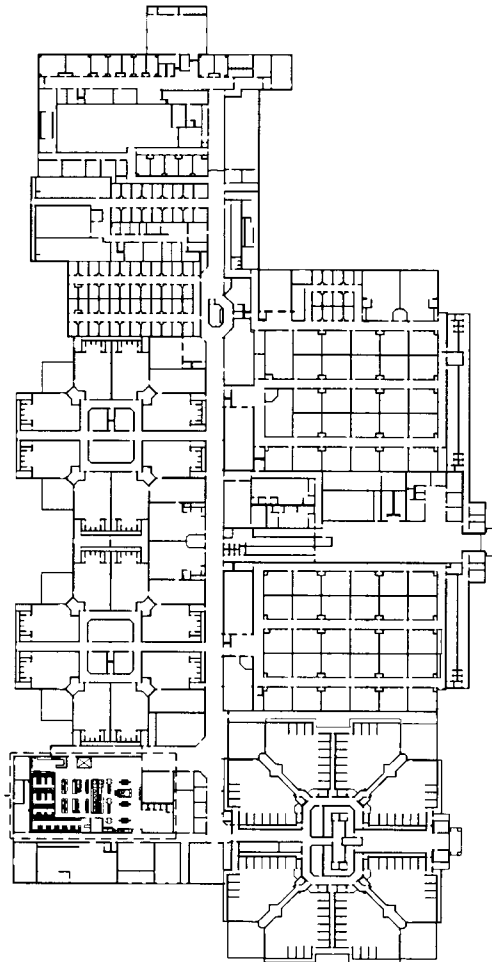
PROJECT:	JOB NO. 131159
DATE:	8/22/14
DRAWN BY:	M. G.
CHECKED BY:	A.D.
REVISIONS:	
DESIGNING NO.:	E14.0



B ENLARGED ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"
MINIMUM LIGHT LEVEL: 15.0
15.0
15.0



C ENLARGED ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"
MINIMUM LIGHT LEVEL: 15.0



A ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"
MINIMUM LIGHT LEVEL: 15.0

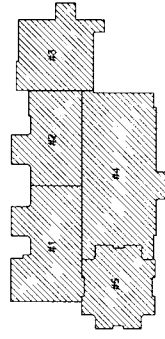
- KEY NOTES:**
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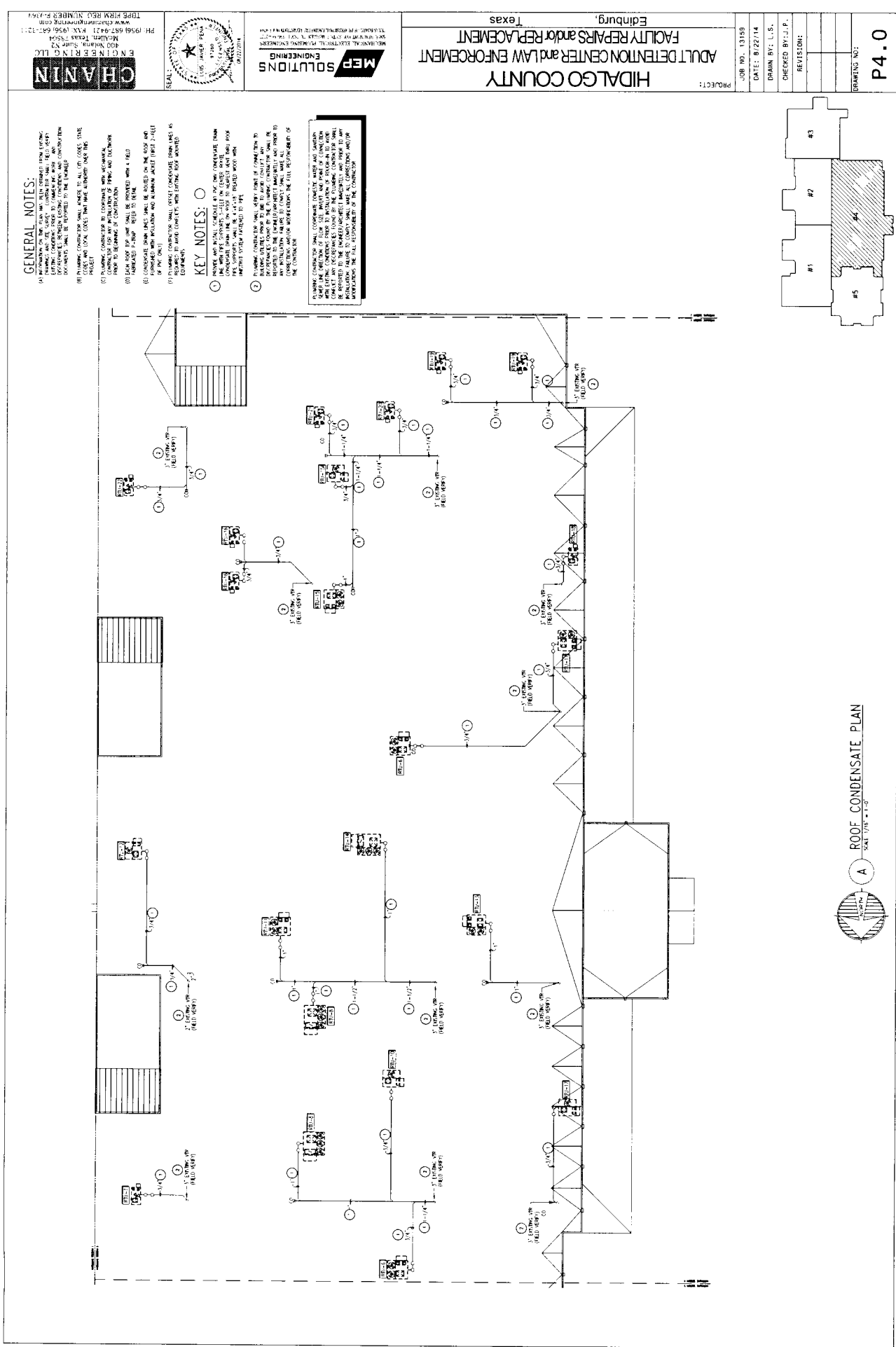
- GENERAL DEMOLITION NOTES:**
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- GENERAL NOTES:**
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GENERAL NOTES:

- (1) CONDENSATE PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL MECHANICAL ELECTRICAL PLUMBING AND THE CODES, A LISTED BY THE STATE, LOCAL, AND FEDERAL AGENCIES. THE CONDENSATE PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL MECHANICAL ELECTRICAL PLUMBING AND THE CODES, A LISTED BY THE STATE, LOCAL, AND FEDERAL AGENCIES.
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KEY NOTES:

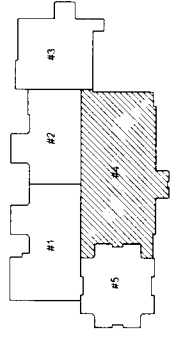
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CHANIN ENGINEERING LLC
 400 N. MICHIGAN AVE. SUITE 100
 ANN ARBOR, MI 48106
 PH: (734) 961-1111 FAX: (734) 961-1112
 TYPE FIRM REG. NUMBER: P-1564

MEP SOLUTIONS
 100 N. MICHIGAN AVE. SUITE 100
 ANN ARBOR, MI 48106
 PH: (734) 961-1111 FAX: (734) 961-1112
 TYPE FIRM REG. NUMBER: P-1564

HIDALGO COUNTY
 FACILITY REPAIRS AND LAW ENFORCEMENT
 Edinburg, Texas

PROJECT: _____
 JOB NO. 13159
 DATE: 8/22/14
 DRAWN BY: L.S.
 CHECKED BY: J.P.
 REVISION: _____
 DRAWING NO: **P4.0**



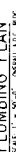
ROOF CONDENSATE PLAN
SCALE: 1/8" = 1'-0"



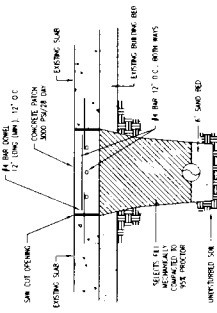
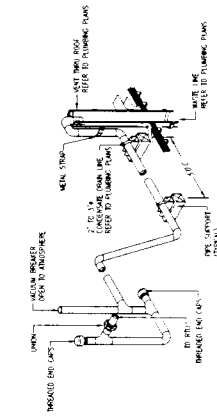
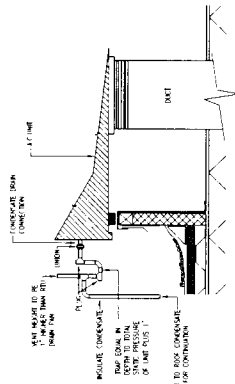
PLUMBING

G. CONTRACTOR SHALL COORDINATE DOMESTIC WATER AND SANITARY PIPE ORIENTATION OF FLOW, SIZE, WEIGHT, AND POINT OF CONNECTION. MEETING CONDITIONS PRIOR TO INSTALLATION OF ROUGH-IN TO AVOID ANY DISCREPANCIES FOUND BY THE PLUMBING CONTRACTOR SHALL BE REPORTED TO THE ENGINEER/ARCHITECT IMMEDIATELY AND PRIOR TO ANY START. FAILURE TO COMPLY SHALL WAIVE ALL CORRECTIONS AND/OR HOLDINGS THE FULL RESPONSIBILITY OF THE CONTRACTOR.

P6.0



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CHANIN
ENGINEERING LLC
400 Noland, Suite N2
McAllen, Texas 78504
(956) 687-9421 FAX: (956) 687-2211
www.chaninengineering.com
1876 FIRM REG. NUMBER F-4369



MEP SOLUTIONS ENGINEERING

HIDALGO COUNTY
ADULT DETENTION CENTER and LAW ENFORCEMENT
FACILITY REPAIRS and/or REPLACEMENT
Edinburg, Texas

JOB NO. 13159	
DATE: 9/22/14	
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REVISION:	
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