May 29, 2018
IDEA PUBLIC SCHOOLS – IDEA South McAllen Phase I

GOMEZ MENDEZ SAENZ, INC.
1150 PAREDES LINE RD.
BROWNSVILLE, TEXAS 78526
(956) 546-0110

ADDENDUM NO. 2

A. PURPOSE AND INTENT
This addendum is issued for the purpose of modifying the plans and specifications for the IDEA PUBLIC SCHOOLS – IDEA South McAllen Phase I

This addendum shall become part of the contract and all CONTRACTORS shall be bound by its content. All aspects of the specifications and drawings not covered herein shall remain the same.

The General Conditions and the Special Conditions of the specifications shall govern all parts of the work and apply in full force to this Addendum.

B. SCOPE

I. CLARIFICATIONS:

1. Pre-Proposal conference Agenda and Sign-In Sheet INCLUDED within this addendum.
2. Contractor must include Performance and Payment Bond costs in Base Bid. Reference Item 11.4 in the Supplementary Conditions to the General Conditions of the Contract for Construction IDEA Public Schools.

II. SPECIFICATIONS:

1. Section 09642 – Gymnasium Wood Flooring
   Subject to compliance with this section:
   - *Connor Sports Flooring, NEOSHOK, shall be an approved manufacturer and product.*
   - *Aacer Flooring, AacerFlex, shall be an approved manufacturer and product.*

III. PLANS:

1. Sheet A2.01 – First Floor Plan
   a. REVISE Partition Types, Detail References and Room Finish Schedule – Replace Sheet A2.01 previously issued with Sheet A2.01 included in this addendum.

2. Sheet A2.02 – First Floor Plan
    a. REVISE Partition Types, Elevation Keys, Detail References, Dimension String and Room Finish Schedule – Replace Sheet A2.02 previously issued with Sheet A2.02 included in this addendum.
3. Sheet A2.03 – Second Floor Plan
    a. REVISE Partition Types, Elevation Keys, Detail References and Dimension String – Replace Sheet A2.03 previously issued with Sheet A2.03 included in this addendum.
4. Sheet A2.04 – Second Floor Plan
    a. REVISE Elevation Keys, Detail References and Dimension String – Replace Sheet A2.04 previously issued with Sheet A2.04 included in this addendum.
5. Sheet A2.05 – First Floor Fixture Plan
    a. REVISE Elevation Keys and Detail References – Replace Sheet A2.05 previously issued with Sheet A2.05 included in this addendum.
6. Sheet A2.06 – Second Floor Fixture Plan
    a. REVISE Elevation Keys and Detail References – Replace Sheet A2.06 previously issued with Sheet A2.06 included in this addendum.
7. Sheet A2.07 – First Floor Reflected Ceiling Plan
    a. REVISE Section Keys and Detail References at folding partition furr down – Replace Sheet A2.07 previously issued with Sheet A2.07 included in this addendum.
8. Sheet A2.12 – VCT Pattern and Accent Wall Locations Plan
    a. ADD VCT Tile Pattern to Main Entry and Lobby – Replace Sheet A2.12 previously issued with Sheet A2.12 included in this addendum.

MEP Addendum Items: See Attached Information (12 Pages)

End of Addendum 2

GMS ARCHITECTS

Pre-Proposal Conference
IDEA PUBLIC SCHOOLS – Brownsville Robindale and South McAllen

April 24, 2018

- **Sign-In Sheet**

- **Construction Proposal Documents**
  - Electronic Copies available thru Gomez Mendez Saenz, David Monreal, dmonreal@gmsarchitects.com Must sign electronic file release form.

- **Bidding Questions**
  - Project questions regarding the project shall be submitted in writing for a formal response via email to: David Monreal, dmonreal@gmsarchitects.com Written questions will be accepted until:
    - Brownsville Robindale - 12:00pm (Noon) Monday May 28, 2018.
    - South McAllen – 12:00pm (Noon) Thursday May 31, 2018.
  - No Addendums have been issued.

- **Bidding Information**
  - Brownsville Robindale
    - Sealed Proposals are due no later than **4:00pm, on Thursday May 31, 2018**. Properly identified Proposals will be opened and read aloud.
  - South McAllen
    - Sealed Proposals are due no later than **4:00pm, on Tuesday June 5, 2018**. Properly identified Proposals will be opened and read aloud.
  - A 5% Bid Bond must accompany the proposal. Must be Original.
  - Project Allowances are noted in Section 01010 Summary of Work General Requirements.
  - Bid Items
    - There is (1) Alternate for this project. Listed in Section 01010 Summary of Work General Requirements.
    - Kitchen Equipment Cost – This break-out cost should already be included in your Base Bid.
  - Review Ranking Evaluation and Ranking Criteria.
    - Provide (3) copies of your Proposal
    - Respond to every question

        - Firm Experience/Key Personnel
        - Proposed Subcontractor Team (No later than 48 Hours after bid). Email to David Monreal dmonreal@gmsarchitects.com
        - Other required information (No Point Value)
    - Product Substitutions – Bidding Requirements
        - Must be submitted (10) days before receipt of bids.
            - Approvals will be issued via Addendum only.
        - Current Specs list a Basis of Design and approved manufactures.

- **Project Overview**
    - Project Estimated Budget is $11.5 Million
    - Project consists of the following:
        - Two Story Building - Classroom Wings, Cafeteria/Kitchen, Gymnsaium and Administration Area
        - Parking Lot and Bus Parking
        - Perimeter Fencing and Entry Gates
        - Irrigated Soccer Field
        - Walkway Canopies
    - Brownsville Robindale – Windstorm Certified (South McAllen is not)

- **Questions?**

GMS ARCHITECTS

IDEA PUBLIC SCHOOLS
Brownsville Robindale and South McAllen
May 22, 2018

Name	Company	Phone Number	E-Mail
David Monreal	GMS Architects	956-546-0110	dmonreal@gmsarchitects.com
Ernie Villarreal	PMSI	512-989-7045	evillarreal@pmsitx.com
Ruben Murrieta	ZIWA corp.	956-542-8167	ruben@ziwacorp.com
Edward Ramirez	CAPPA	956-802-0671	eramirez@capatexas.com
JAIME ENRIQUEZ	ECON GROUP	259.8005	jenriquez@econgroup.us
Annette Carmona	Holchemont	956-686-2901	a.carmona@holchemont.com
Brandy Celedon	VIC	956 5337784	brandy@vicinsight.com
Leo Aguilar	Ziwa Corp	956-542-8167	leoaguilar@ziwacorp.com

LEGEND

FINISH LEGEND:

CONC.	SEALED CONCRETE
C.T.	CERAMIC TILE
GB/PTD	GYPSUM BOARD PAINTED
PTD.	PAINTED
RUBBER	RUBBER BASE
V.C.T.	VINYL COMPOSITE TILE
R.T.	RADIAL TILE
Q.T.	QUARRY TILE
WD.	WOOD
EXP/PTD	EXPOSED PAINTED
SUS\GYP	SUSPENDED 1/2" MOISTURE RESISTANT GYP BOARD - PAINTED
S.A.C.	SUSPENDED ACOUSTICAL CEILING REFERENCE SPECIFICATIONS FOR TYPES

WALL HATCH LEGEND:

1 HR — INDICATES THAT THIS WALL SHALL BE FIRE RATED AND SHALL BE EXTENDED TO UNDERSIDE OF ROOF DECK.

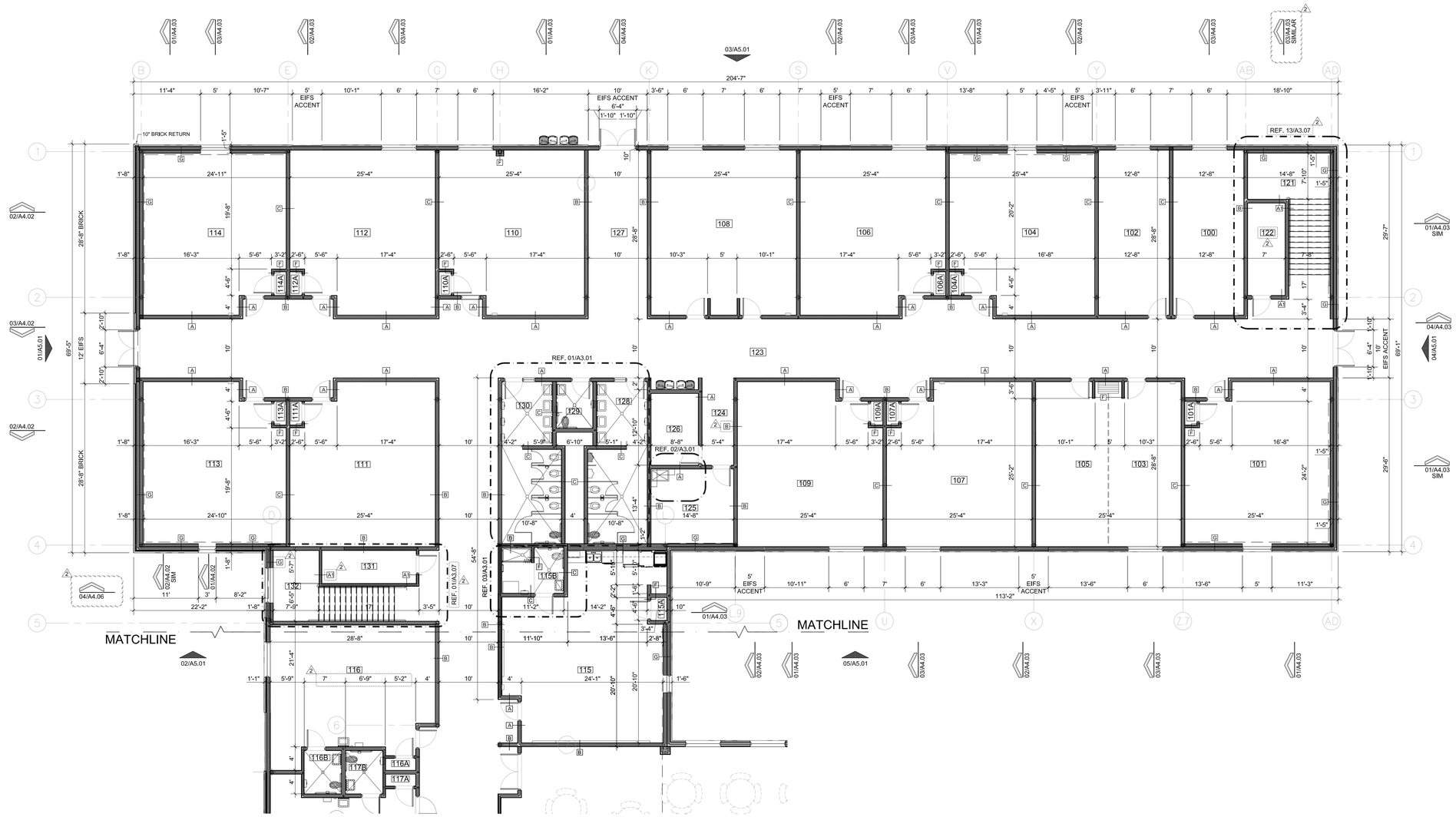
INDICATES METAL STUD W/ GYP/BRD WALL AS REQUIRED REFERENCE INTERIOR PARTITION SECTIONS

ROOM FINISH SCHEDULE

NOTE: **ALL GYPSUM** BOARD TO BE **PAINTED** WHETHER NOTED OR NOT

THIS SCHEDULE BASED ON PLAN NORTH ORIENTATION

ROOM	ROOM NAME	BASE	FLR.	WALLS N	WALLS S	WALLS E	WALLS W	CLG.	CLG. HEIGHTS	REMARKS
100	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-4"	
101	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
101A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
102	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
103	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
104	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
104A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
105	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
106	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
106A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
107	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
107A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
108	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
109	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
109A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
110	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
110A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
111	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
111A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
112	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
112A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
113	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
113A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
114	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
114A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
115	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
115A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
115B	TOILET	C.T.	C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
116	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
116A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
121	STAIRWELL	RUBBER	R.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD			CLG @ 2ND LVL | R.T. TREADS
122	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD			
123	CORRIDOR	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	10'-4"	DUROPLEX
124	CORRIDOR	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	9'-8"	DUROPLEX
125	CUSTODIAN	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	4'-0" C.T. WAINSCOT @ MOP SINK
126	IDF	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC IV	9'-4"	
127	CORRIDOR	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	10'-4"	DUROPLEX
128	BOYS TOILETS	C.T.	C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
129	TOILET	C.T.	C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
130	GIRLS TOILETS	C.T.	C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
131	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD			
132	STAIRWELL	RUBBER	R.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD			CLG @ 2ND LVL | R.T. TREADS



1ST FLOOR
01 FLOOR PLAN

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

PLAN NORTH

GENERAL NOTES:

1. REFERENCE SERIES A4.07 FOR TYPICAL INTERIOR WALL SECTIONS NOTED ON THIS PLAN BY THE FOLLOWING DESIGNATION —X
2. PROVIDE DRYWALL CONTROL JOINTS AT ALL STRUCTURAL STEEL COLUMN CONDITIONS AND WALL OPENINGS, WHETHER NOTED OR NOT
3. PROVIDE TRANSITION STRIPS AT ALL DISSIMILAR FLOOR CONDITIONS
4. REFERENCE FIXTURE PLANS SHEET FOR FIXTURE, ACCESSORY REQUIREMENTS AND FLOOR TILE PATTERN LAYOUT
5. TYPICAL CORRIDOR WALLS TO BE EXTENDED TO UNDERSIDE OF DECK
6. REFERENCE SHEET A3.01 FOR TOILET ENLARGEMENTS
7. PROVIDE HORIZONTAL MINI BLINDS AT ALL EXTERIOR WINDOWS TYPICAL (EXCEPT AT CORRIDOR AND STAIRWELL)
8. ALL EXPOSED DRYWALL CORNERS TO RECEIVE PLASTIC CORNER GUARDS, AS SPECIFIED.
9. ALL EXPOSED COLUMNS ARE TO BE FURRED WITH METAL STUDS AND DRYWALL. REFER TO 17/A3.02 FOR DETAILS.
10. PROVIDE DOUBLE 6" METAL STUD PARTITION AT ALL STRUCTURAL BRACING LOCATIONS. REFER TO 15/A3.02 FOR DETAILS AND STRUCTURAL FOR LOCATIONS.
11. REFERENCE A3.02 FOR TYPICAL PLAN DETAILS
12. PROVIDE MTL. STUD BLOCKING FOR ALL WALL MOUNTED BOARDS & ACCESSORIES.
13. PROVIDE WOOD BLOCKING AT ALL CABINETS, PROJECTOR & RAILING LOCATIONS.
14. PROVIDE SCHULTER KERDI SHOWER PANS AT ALL LOCATIONS RECEIVING CERAMIC AND QUARRY TILE FLOORING.

No.	REVISIONS	BY
2	ADDENDUM #2	JA

GMS ARCHITECTS
1150 Paredes Line Rd.
Brownsville TX 78526
(956) 546-0110
fax (956) 546-0196

IDEA-SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA Public Schools

5/11/2018

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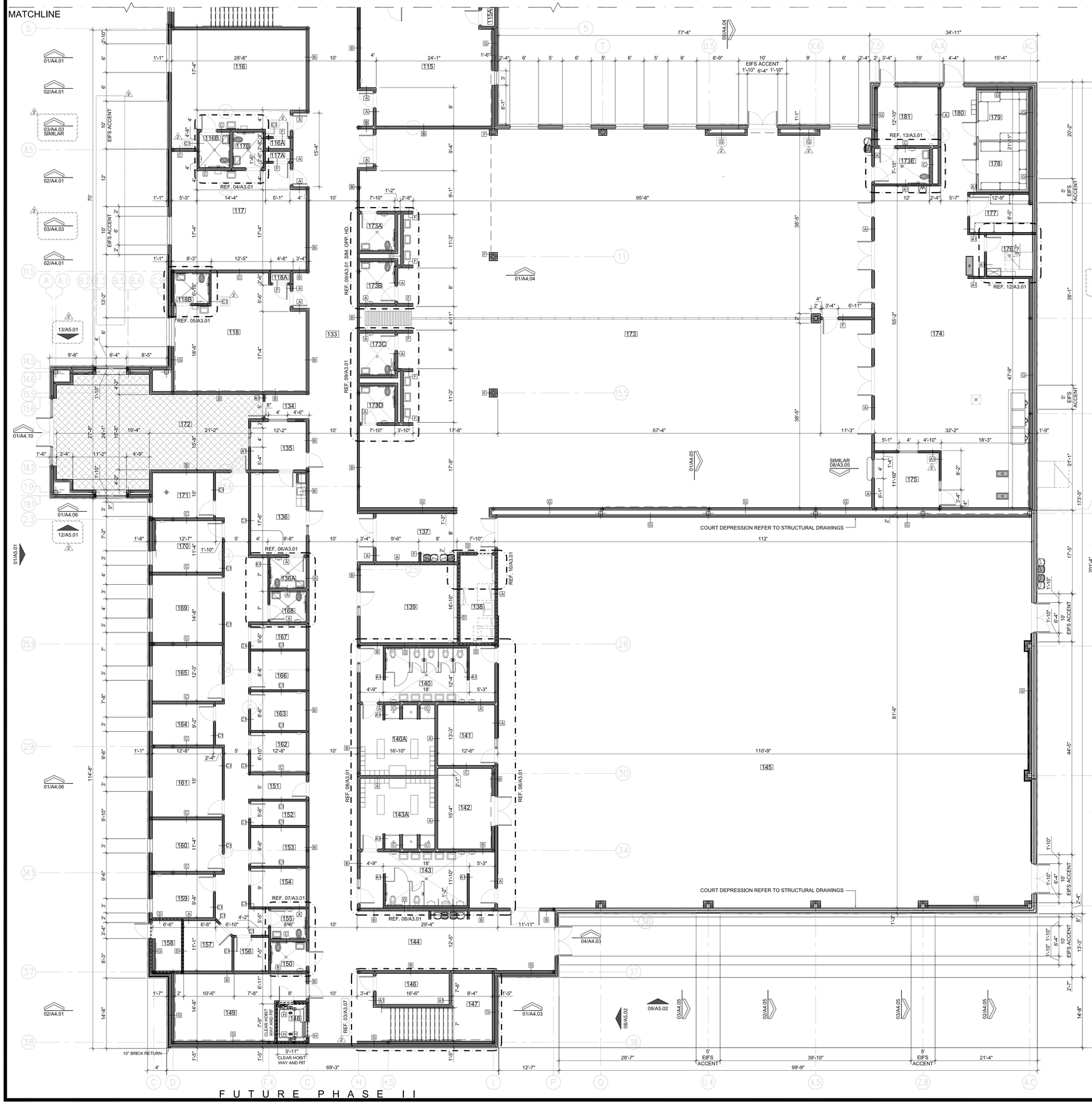
Gomez Mendez Saenz Inc.
Architects-Planners
Interior Designers

Date: May 11, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: JA, RB
Job No. IDEA South McAllen Phase I
Sheet: A2.01

MATCHLINE

MATCHLINE



N O T E:
ALL GYPSUM BOARD TO BE **PAINTED** WHETHER NOTED OR NOT

ROOM FINISH SCHEDULE

THIS SCHEDULE BASED ON PLAN NORTH ORIENTATION

ROOM	ROOM NAME	BASE	FLR.	WALLS N	WALLS S	WALLS E	WALLS W	CLG.	CLG. HEIGHTS	REMARKS
115	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-6"	
115A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
115B	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
116	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
116A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
116B	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
117	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
117A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
117B	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
118	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
118A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
118B	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
133	CORRIDOR	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	10'-4"	DUROPLEX
134	CORRIDOR	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-8"	DUROPLEX
135	RECEPTION	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-8"	
136	CLINIC	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
136A	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
137	CORRIDOR	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	10'-4"	DUROPLEX ALT.
138	ELECTRICAL / CUSTODIAN	RUBBER	CONC.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	EXP/PTD		4" C.T. WAINSCOT @ MOP SINK
139	COPY / BREAKROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
140	BOYS TOILETS	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
140A	BOYS DRESSING	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
141	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-4"	
142	GYM STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	EXP/PTD		
143	GIRLS TOILETS	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
143A	GIRLS DRESSING	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
144	CORRIDOR	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	10'-4"	DUROPLEX
145	GYMNASIUM	RUBBER	WD.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	EXP/PTD		
146	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	PTD		
147	STAIRWELL	RUBBER	RT	GB/PTD	GB/PTD	GB/PTD	GB/PTD			CLG. 2ND LVL R.T. TREADS
148	ELEVATOR	RUBBER	R.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD			
149	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
150	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
151	CORRIDOR	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-8"	
152	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
153	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
154	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
155	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
156	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
157	MDF	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC IV	9'-4"	
158	FIRE RISER		CONC.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	EXP/PTD		
159	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
160	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
161	PREP. CONFERENCE RM.	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-8"	
162	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
163	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
164	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
165	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
166	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
167	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
168	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
169	PRIMARY CONFERENCE RM.	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-8"	
170	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
171	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	9'-4"	
172	LOBBY	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SPACE IS CODED	VARIES	PAINT STRUCTURE BLACK
173	CAFETERIA	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	EXP/PTD	VARIES	
173A	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
173B	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
173C	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
173D	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
173E	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
174	KITCHEN	Q.T.	Q.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC V	10'-4"	
175	OFFICE	Q.T.	Q.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC V	9'-4"	
176	CUSTODIAN	Q.T.	Q.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-8"	4" C.T. WAINSCOT @ MOP SINK
177	DRY STORAGE	Q.T.	Q.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC V	9'-8"	
178	COOLER									RECESS FLOOR
179	FREEZER									RECESS FLOOR
180	CORRIDOR	Q.T.	Q.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC V	9'-8"	DUROPLEX
181	OFFICE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-4"	

LEGEND

FINISH LEGEND:

CONC.	SEALED CONCRETE
C.T.	CERAMIC TILE
GB/PTD	GYPSUM BOARD PAINTED
PTD.	PAINTED
RUBBER	RUBBER BASE
V.C.T.	VINYL COMPOSITE TILE
R.T.	RADIAL TILE
Q.T.	QUARRY TILE
WD.	WOOD
EXP/PTD	EXPOSED PAINTED
SUS\GYP	SUSPENDED 1/2" MOISTURE RESISTANT GYP BOARD - PAINTED
S.A.C.	SUSPENDED ACOUSTICAL CEILING REFERENCE SPECIFICATIONS FOR TYPES

WALL HATCH LEGEND:

1 HR — INDICATES THAT THIS WALL SHALL BE FIRE RATED AND SHALL BE EXTENDED TO UNDERSIDE OF ROOF DECK.

INDICATES METAL STUD W/ GYP/BRD WALL AS REQUIRED REFERENCE INTERIOR PARTITION SECTIONS

1ST FLOOR

01 FLOOR PLAN

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

PLAN NORTH

GENERAL NOTES:

1. REFERENCE SERIES A4.07 FOR TYPICAL INTERIOR WALL SECTIONS NOTED ON THIS PLAN BY THE FOLLOWING DESIGNATION — (A)
2. PROVIDE DRYWALL CONTROL JOINTS AT ALL STRUCTURAL STEEL COLUMN CONDITIONS AND WALL OPENINGS, WHETHER NOTED OR NOT
3. PROVIDE TRANSITION STRIPS AT ALL DISSIMILAR FLOOR CONDITIONS
4. REFERENCE FIXTURE PLANS SHEET FOR FIXTURE, ACCESSORY REQUIREMENTS AND FLOOR TILE PATTERN LAYOUT
5. TYPICAL CORRIDOR WALLS TO BE EXTENDED TO UNDERSIDE OF DECK
6. REFERENCE SHEET A3.01 FOR TOILET ENLARGEMENTS
7. (2) PROVIDE HORIZONTAL MINI BLINDS AT ALL EXTERIOR WINDOWS TYPICAL (EXCEPT AT CORRIDOR AND STAIRWELL)
8. ALL EXPOSED DRYWALL CORNERS TO RECEIVE PLASTIC CORNER GUARDS, AS SPECIFIED.
9. ALL EXPOSED COLUMNS ARE TO BE FURRED WITH METAL STUDS AND DRYWALL. REFER TO 17/A3.02 FOR DETAILS.
10. PROVIDE DOUBLE 6" METAL STUD PARTITION AT ALL STRUCTURAL BRACING LOCATIONS. REFER TO 15/A3.02 FOR DETAILS AND STRUCTURAL FOR LOCATIONS.
11. REFERENCE A3.02 FOR TYPICAL PLAN DETAILS
12. PROVIDE MTL. STUD BLOCKING FOR ALL WALL MOUNTED BOARDS & ACCESSORIES.
13. PROVIDE WOOD BLOCKING AT ALL CABINETS, PROJECTOR & RAILING LOCATIONS.
14. PROVIDE SCHULTER KERDI SHOWER PANS AT ALL LOCATIONS RECEIVING CERAMIC AND QUARRY TILE FLOORING.

No.	REVISIONS	BY
2	ADDENDUM #2	JA

GMS ARCHITECTS

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IDEA-SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA Public Schools

REGISTERED ARCHITECT — ALVIN A. MONREAL — 19556 — STATE OF TEXAS
5/11/2018

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Gomez Mendez Saenz Inc.
Architects-Planners
Interior Designers

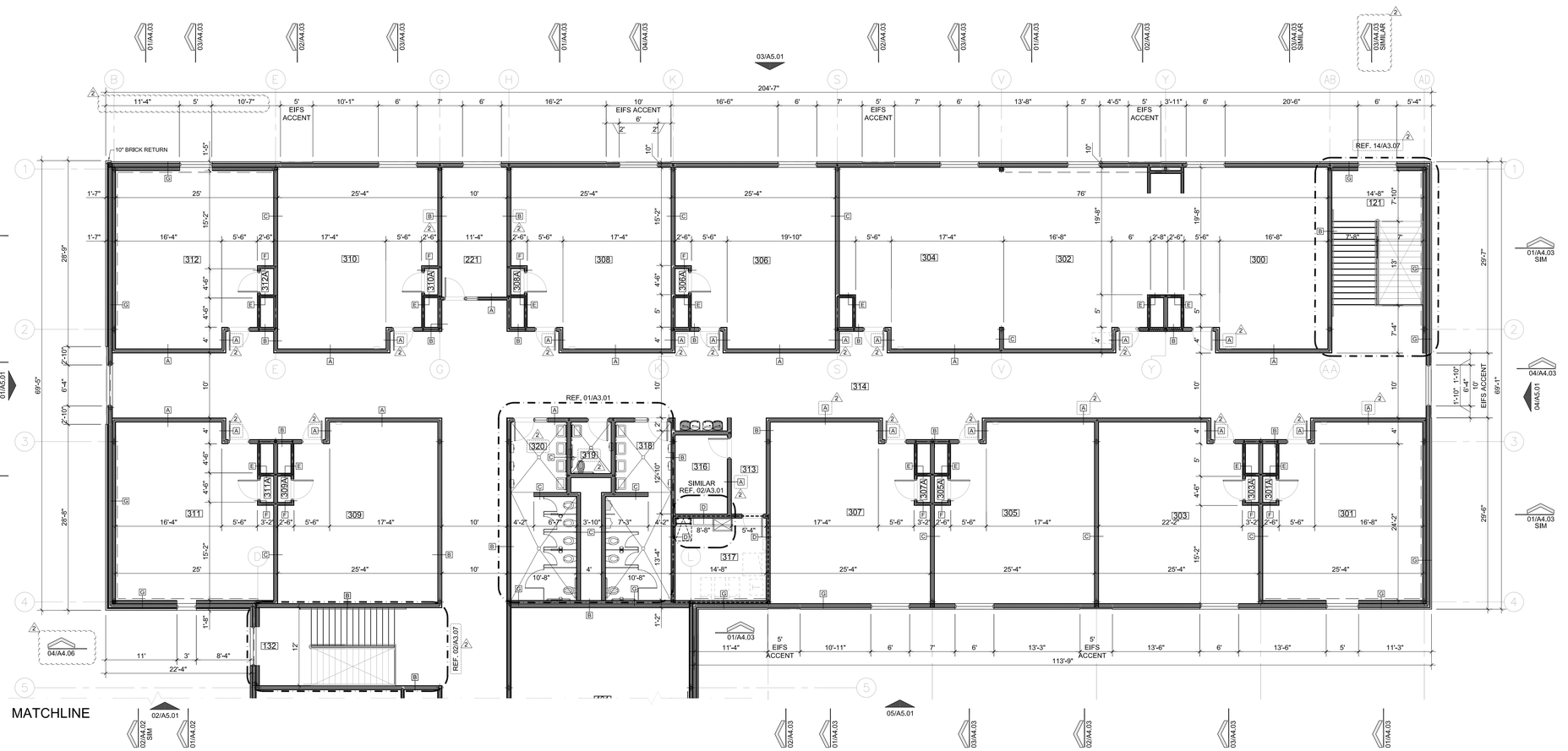
Date: May 11, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: JA, RB
Job No.: IDEA South McAllen Phase I
Sheet: A2.02

NOTE:
ALL GYPSUM BOARD TO BE **PAINTED** WHETHER NOTED OR NOT

ROOM FINISH SCHEDULE

THIS SCHEDULE BASED ON PLAN NORTH ORIENTATION

ROOM	ROOM NAME	BASE	FLR.	WALLS N	WALLS S	WALLS E	WALLS W	CLG.	CLG. HEIGHTS	REMARKS
300	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
301	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
301A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
302	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
303	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
303A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
304	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
305	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
305A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
306	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
306A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
307	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
307A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
308	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
308A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
309	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
309A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
310	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
310A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
311	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
311A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
312	CLASSROOM	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-8"	
312A	STORAGE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC I	9'-0"	
313	CORRIDOR	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	10'-4"	DUROPLEX
314	CORRIDOR	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	10'-4"	DUROPLEX
316	IDF	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC IV	9'-4"	
317	ELECTRICAL / CUSTODIAN	RUBBER	CONC.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	EXP/PTD		4'-0" C.T. WAINSCOT @ MOP SINK
318	BOYS TOILETS	C.T.	C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
319	TOILET	C.T.	C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
320	GIRLS TOILETS	C.T.	C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SUS/GYP	9'-0"	6'-0" C.T. WAINSCOT
321	OFFICE	RUBBER	V.C.T.	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	9'-4"	
121	STAIRWELL	RUBBER	RT	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	10'-4"	RADIAL TILE TREADS
132	STAIRWELL	RUBBER	RT	GB\PTD	GB\PTD	GB\PTD	GB\PTD	SAC II	10'-4"	RADIAL TILE TREADS



LEGEND

FINISH LEGEND:

CONC.	SEALED CONCRETE
C.T.	CERAMIC TILE
GB/PTD	GYPSUM BOARD PAINTED
PTD.	PAINTED
RUBBER	RUBBER BASE
V.C.T.	VINYL COMPOSITE TILE
R.T.	RADIAL TILE
Q.T.	QUARRY TILE
WD.	WOOD
EXP/PTD	EXPOSED PAINTED
SUS\GYP	SUSPENDED 1/2" MOISTURE RESISTANT GYP BOARD - PAINTED
S.A.C.	SUSPENDED ACOUSTICAL CEILING REFERENCE SPECIFICATIONS FOR TYPES

WALL HATCH LEGEND:

1 HR — INDICATES THAT THIS WALL SHALL BE FIRE RATED AND SHALL BE EXTENDED TO UNDERSIDE OF ROOF DECK.

INDICATES METAL STUD W/ GYP/BRD WALL AS REQUIRED REFERENCE INTERIOR PARTITION SECTIONS

2ND FLOOR

01 FLOOR PLAN

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

PLAN NORTH

GENERAL NOTES:

1. REFERENCE SERIES A4.07 FOR TYPICAL INTERIOR WALL SECTIONS NOTED ON THIS PLAN BY THE FOLLOWING DESIGNATION —X
2. PROVIDE DRYWALL CONTROL JOINTS AT ALL STRUCTURAL STEEL COLUMN CONDITIONS AND WALL OPENINGS, WHETHER NOTED OR NOT
3. PROVIDE TRANSITION STRIPS AT ALL DISSIMILAR FLOOR CONDITIONS
4. REFERENCE FIXTURE PLANS SHEET FOR FIXTURE, ACCESSORY REQUIREMENTS AND FLOOR TILE PATTERN LAYOUT
5. TYPICAL CORRIDOR WALLS TO BE EXTENDED TO UNDERSIDE OF DECK
6. REFERENCE SHEET A3.01 FOR TOILET ENLARGEMENTS
7. 2 PROVIDE HORIZONTAL MINI BLINDS AT ALL EXTERIOR WINDOWS TYPICAL (EXCEPT AT CORRIDOR AND STAIRWELL)
8. ALL EXPOSED DRYWALL CORNERS TO RECEIVE PLASTIC CORNER GUARDS, AS SPECIFIED.
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10. PROVIDE DOUBLE 6" METAL STUD PARTITION AT ALL STRUCTURAL BRACING LOCATIONS. REFER TO 15/A3.02 FOR DETAILS AND STRUCTURAL FOR LOCATIONS.
11. REFERENCE A3.02 FOR TYPICAL PLAN DETAILS
12. PROVIDE MTL. STUD BLOCKING FOR ALL WALL MOUNTED BOARDS & ACCESSORIES.
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14. PROVIDE SCHULTER KERDI SHOWER PANS AT ALL LOCATIONS RECEIVING CERAMIC AND QUARRY TILE FLOORING.

No.	REVISIONS	BY
2	ADDENDUM #2	JA

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IDEA-SOUTH PHASE I
MCALLEN, TEXAS

IDEA Public Schools

REGISTERED ARCHITECT DAVID A. MONREAL 19556 STATE OF TEXAS
5/11/2018

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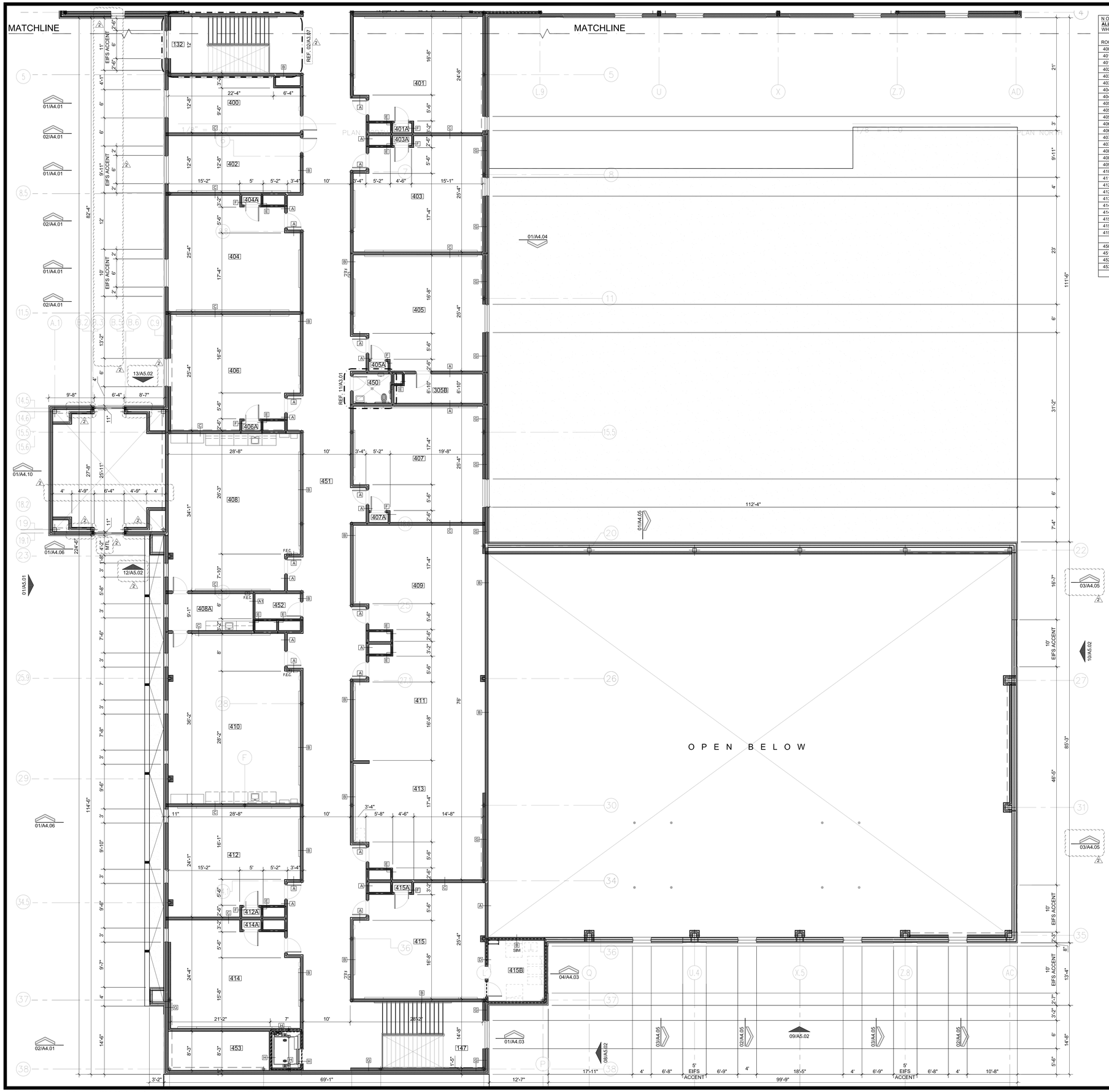
Gomez Mendez Saenz Inc.
Architects-Planners
Interior Designers

Date: May 11, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: JA, RB
Job No.: IDEA South McAllen Phase I
Sheet: A2.03



NOTE: ALL GYPSUM BOARD TO BE PAINTED WHETHER NOTED OR NOT	ROOM FINISH SCHEDULE							THIS SCHEDULE BASED ON PLAN NORTH ORIENTATION	
			WALLS						
ROOM	ROOM NAME	BASE	FLR.	N	S	E	W	CLG.	CLG. HEIGHTS	REMARKS
400	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
401	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
401A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
402	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
403	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
403A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
404	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
404A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
405	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
405A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
405B	PREP	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
406	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
406A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
407	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
407A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
408	GENERAL SCIENCE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
408A	PREP	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
409	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
410	GENERAL SCIENCE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
411	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
412	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
412A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
413	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
414	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
414A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
415	CLASSROOM	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-8"	
415A	STORAGE	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC I	9'-0"	
415B	ELECTRICAL	RUBBER	CONC.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	EXP/PTD		
450	TOILET	C.T.	C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC III	9'-0"	6'-0" C.T. WAINSCOT
451	CORRIDOR	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC II	10'-4"	DUROPLEX
452	IDF	RUBBER	V.C.T.	GB/PTD	GB/PTD	GB/PTD	GB/PTD	SAC IV	9'-4"	
453	FUTURE WORK ROOM		CONC.		GB	GB	GB			PHASE II

LEGEND

FINISH LEGEND:

CONC.	SEALED CONCRETE
C.T.	CERAMIC TILE
GB/PTD	GYPSUM BOARD PAINTED
PTD.	PAINTED
RUBBER	RUBBER BASE
V.C.T.	VINYL COMPOSITE TILE
R.T.	RADIAL TILE
Q.T.	QUARRY TILE
WD.	WOOD
EXP/PTD	EXPOSED PAINTED
SUS/GYP	SUSPENDED 1/2" MOISTURE RESISTANT GYP BOARD - PAINTED
S.A.C.	SUSPENDED ACOUSTICAL CEILING REFERENCE SPECIFICATIONS FOR TYPES

WALL HATCH LEGEND:

1 HR — INDICATES THAT THIS WALL SHALL BE FIRE RATED AND SHALL BE EXTENDED TO UNDERSIDE OF ROOF DECK.

INDICATES METAL STUD W/ GYP/BRD WALL AS REQUIRED REFERENCE INTERIOR PARTITION SECTIONS

2ND FLOOR

01 FLOOR PLAN

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

PLAN NORTH

GENERAL NOTES:

1. REFERENCE SERIES A4.07 FOR TYPICAL INTERIOR WALL SECTIONS NOTED ON THIS PLAN BY THE FOLLOWING DESIGNATION — X
2. PROVIDE DRYWALL CONTROL JOINTS AT ALL STRUCTURAL STEEL COLUMN CONDITIONS AND WALL OPENINGS, WHETHER NOTED OR NOT
3. PROVIDE TRANSITION STRIPS AT ALL DISSIMILAR FLOOR CONDITIONS
4. REFERENCE FIXTURE PLANS SHEET FOR FIXTURE, ACCESSORY REQUIREMENTS AND FLOOR TILE PATTERN LAYOUT
5. TYPICAL CORRIDOR WALLS TO BE EXTENDED TO UNDERSIDE OF DECK
6. REFERENCE SHEET A3.01 FOR TOILET ENLARGEMENTS
2. 7. PROVIDE HORIZONTAL MINI BLINDS AT ALL EXTERIOR WINDOWS TYPICAL (EXCEPT AT CORRIDOR AND STAIRWELL)
8. ALL EXPOSED DRYWALL CORNERS TO RECEIVE PLASTIC CORNER GUARDS, AS SPECIFIED.
9. ALL EXPOSED COLUMNS ARE TO BE FURRED WITH METAL STUDS AND DRYWALL, REFER TO 17/A3.02 FOR DETAILS.
10. PROVIDE DOUBLE 6" METAL STUD PARTITION AT ALL STRUCTURAL BRACING LOCATIONS. REFER TO 15/A3.02 FOR DETAILS AND STRUCTURAL FOR LOCATIONS.
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No.	REVISIONS	BY
2	ADDENDUM #2	JA

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IDEA-SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA Public Schools

REGISTERED ARCHITECT
DAVID A. MONREAL
19558
STATE OF TEXAS
5/11/2018

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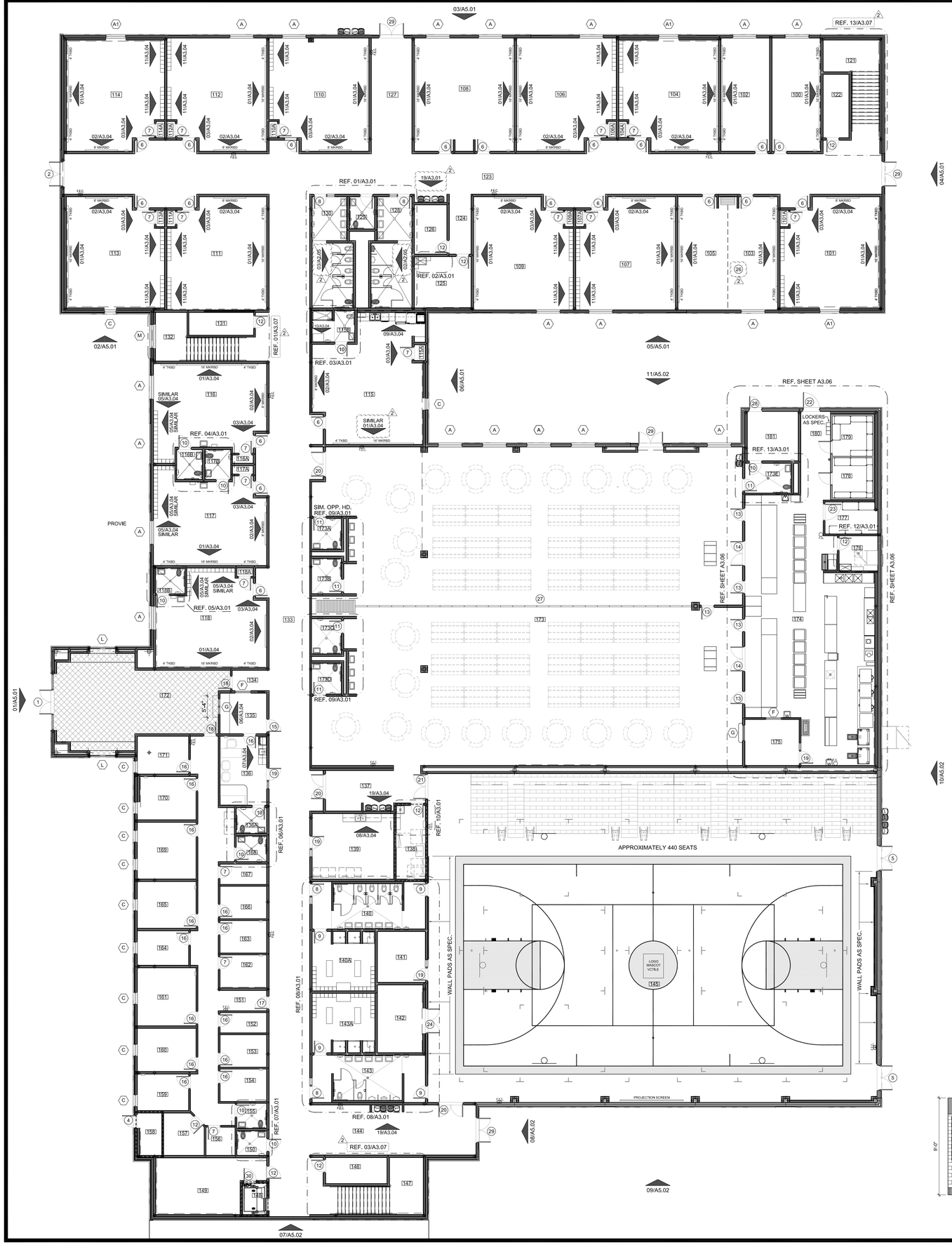
Architects-Planners
Interior Designers

Date: May 11, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: JA, RB
Job No. IDEA South McAllen Phase I
Sheet: A2.04



1ST FLOOR

01 FIXTURE PLAN

PLAN NORTH

SCALE: 3/32" = 1'-0"

NOTE:
PROVIDE FOR THE FOLLOWING
- 2- PRACTICE VOLLEYBALL COURTS
- 2- PRACTICE BASKETBALL COURTS
- COURT BORDER COLOR FILL
- FREE THROW AREA COLOR FILL
- CENTER CIRCLE COLOR FILL
- CUSTOM LOGO GRAPHICS

GENERAL NOTES:

1.) PROVIDE FOR TWO (2) FIRE EXTINGUISHERS AND CABINETS IN ADDITION TO THOSE SHOWN ON THIS PLAN - TO BE LOCATED AS PER ARCHITECT'S OFFICE.

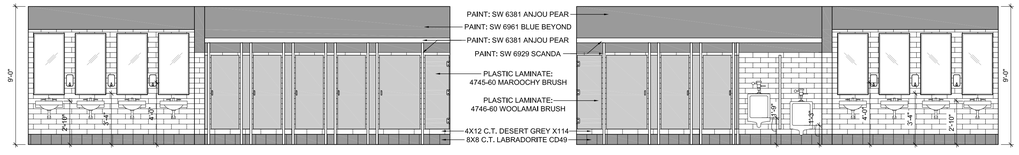
2.) GENERAL CONTRACTOR TO CONTACT ARCHITECTS OFFICE IF ANY FLOOR TILE DESIGN IS UNCLEAR REGARDING SIZE, COLOR, OR LOCATION

3.) PROVIDE TRANSITION STRIPS AT ALL DISSIMILAR FLOOR CONDITIONS

4.) REFERENCE ROOM FINISH SCHEDULE ON SHEET A2.01 FOR ROOM FINISH INFORMATION

5.) PROVIDE FOR UP TO THREE VCT COLORS IN CORRIDORS AND WAITING.

6.) ALLOW FOR ONE ACCENT WALL IN EACH CLASSROOM, LAB, AND OFFICES



03 GIRLS TOILET ELEVATION
SCALE: 1/4" = 1'-0"

02 BOYS TOILET ELEVATION
SCALE: 1/4" = 1'-0"

No.	REVISIONS	BY
2	ADDENDUM #2	JA

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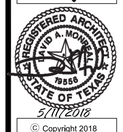
IDEA-SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA Public Schools



5/11/2018

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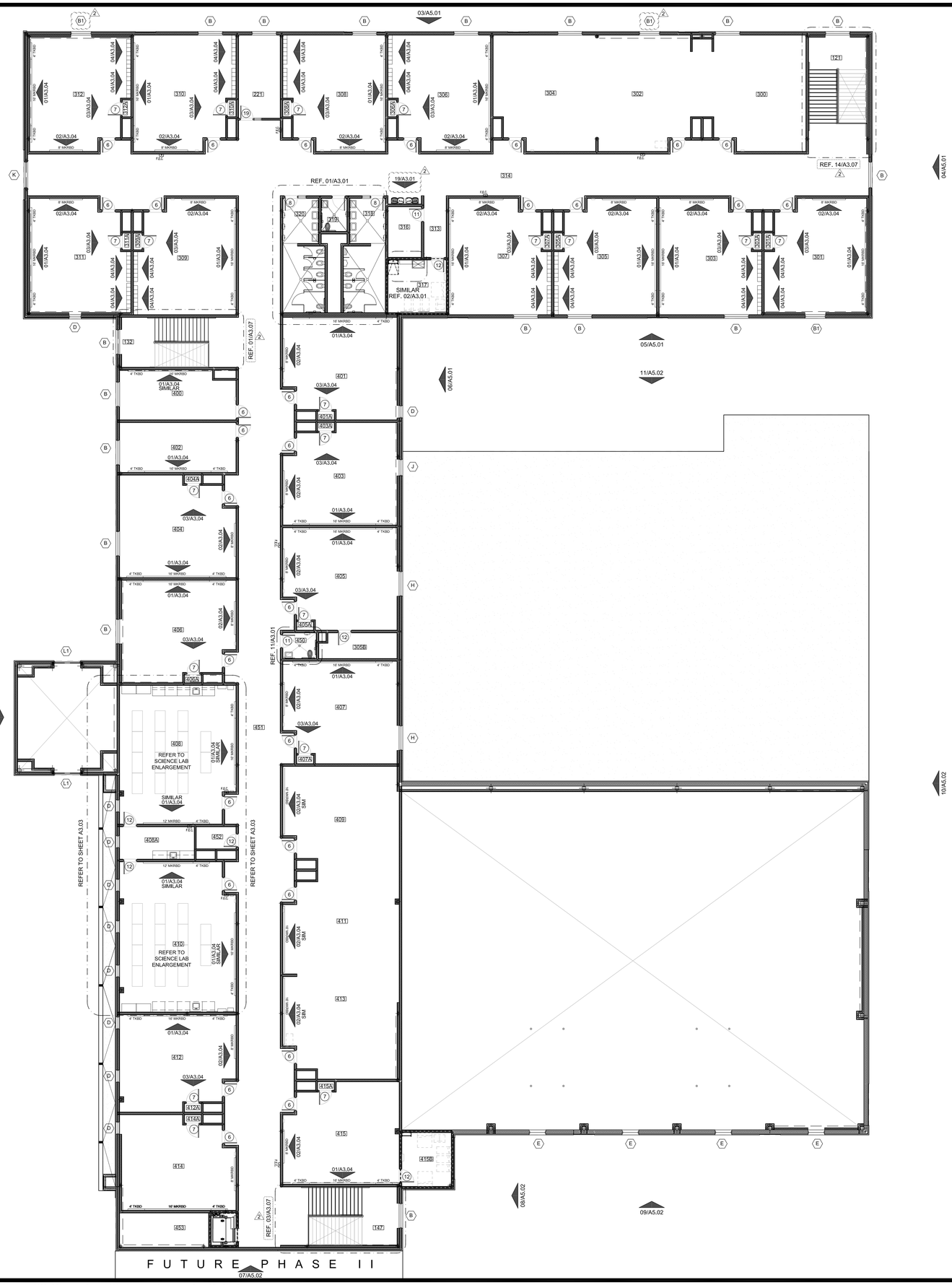
Architects-Planners
Interior Designers

Date:	May 11, 2018
Scale:	As Noted
Project Architect:	David Monreal, AIA
Drawn By:	JA, RB
Job No.	IDEA South McAllen Phase I
Sheet:	A2.05



No.	REVISIONS	BY
2	ADDENDUM #2	JA

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MCALLEN, TEXAS

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01 2ND FLOOR FIXTURE PLAN

PLAN NORTH

SCALE: 3/32" = 1'-0"

GENERAL NOTES:

1.) PROVIDE FOR TWO (2) FIRE EXTINGUISHERS AND CABINETS IN ADDITION TO THOSE SHOWN ON THIS PLAN - TO BE LOCATED AS PER ARCHITECT'S OFFICE.

2.) GENERAL CONTRACTOR TO CONTACT ARCHITECTS OFFICE IF ANY FLOOR TILE DESIGN IS UNCLEAR REGARDING SIZE, COLOR, OR LOCATION

3.) PROVIDE TRANSITION STRIPS AT ALL DISSIMILAR FLOOR CONDITIONS

4.) REFERENCE ROOM FINISH SCHEDULE ON SHEET A2.01 FOR ROOM FINISH INFORMATION

5.) PROVIDE FOR UP TO THREE VCT COLORS IN CORRIDORS AND WAITING.

6.) ALLOW FOR ONE ACCENT WALL IN EACH CLASSROOM, LAB, AND OFFICES

7.) PROVIDE HORIZONTAL BLINDS AT EACH WINDOW "E" IN ROOM 150. PROVIDE REMOVABLE WANDS AT EACH LOCATION.

REGISTERED ARCHITECT DAVID A. MONREAL 19856 STATE OF TEXAS
5/11/2018

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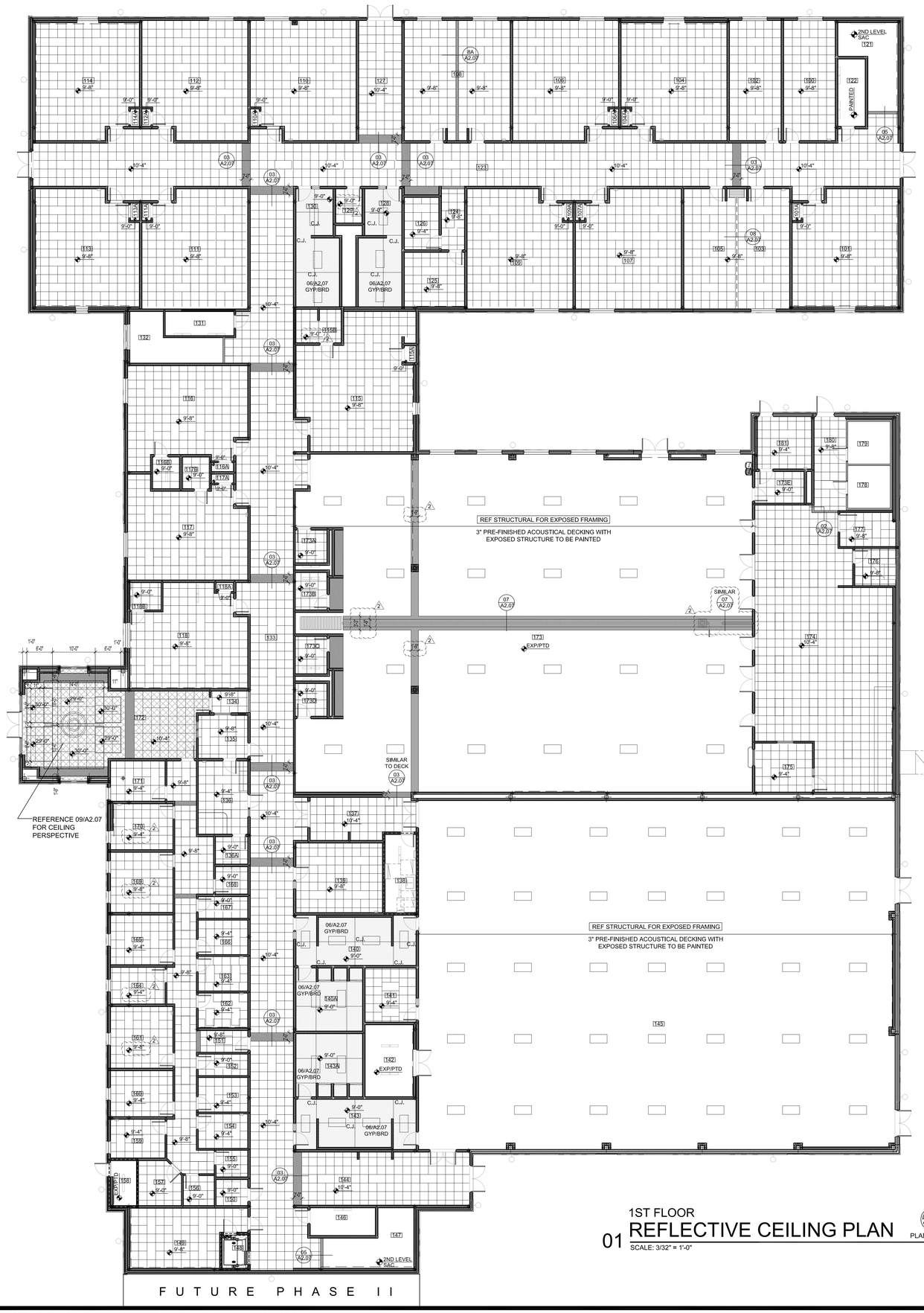
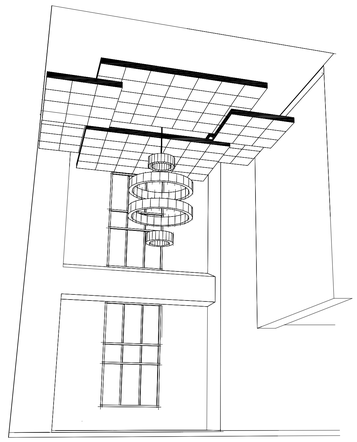
Date:	May 11, 2018
Scale:	As Noted
Project Architect:	David Monreal, AIA
Drawn By:	JA, RB
Job No.	IDEA South McAllen Phase I
Sheet:	A2.06

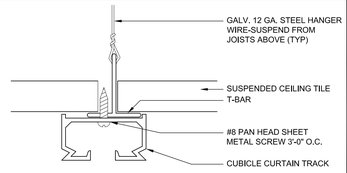


1ST FLOOR
01 REFLECTIVE CEILING PLAN
SCALE: 3/32" = 1'-0"

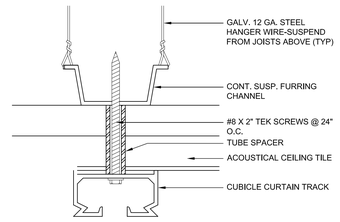
PLAN NORTH



09 CEILING PERSPECTIVE
SCALE 1" = 1'-0"

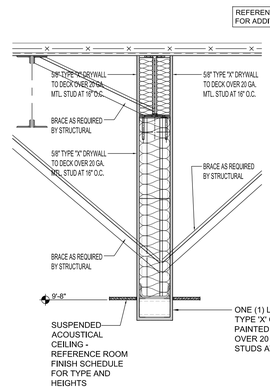


SUSPENDED ACOUSTICAL TILE CEILING

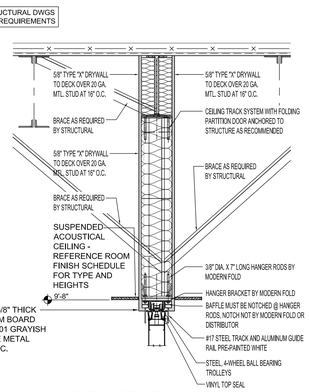


SUSPENDED TILE CEILING WITH HAT CHANNEL

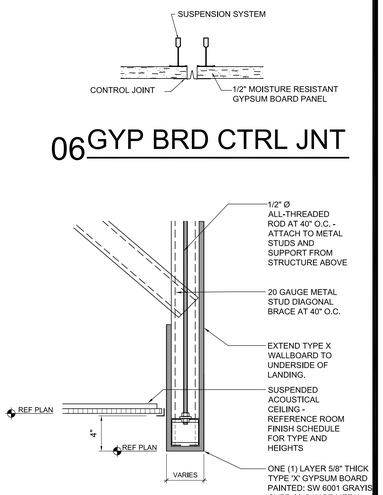
H. CURTAIN TRACK
SCALE: 3"= 1'-0"



8A SECTION DETAIL
SCALE 1" = 1'-0"

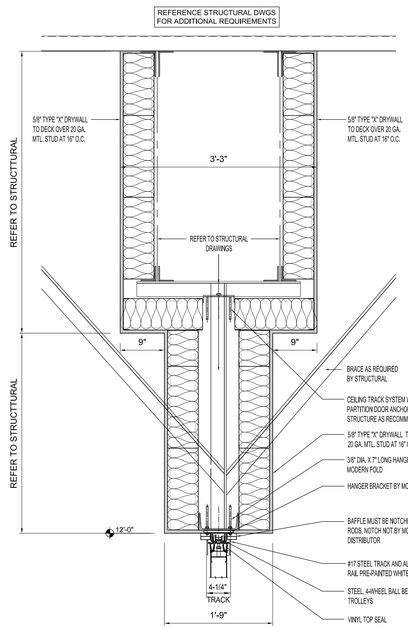


08 SECTION DETAIL
SCALE 1" = 1'-0"

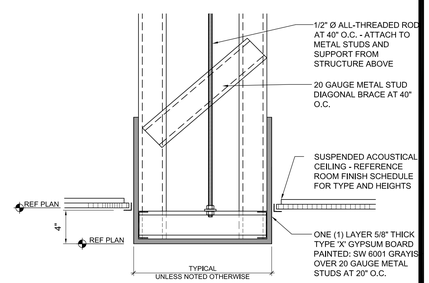


06 GYP BRD CTRL JNT

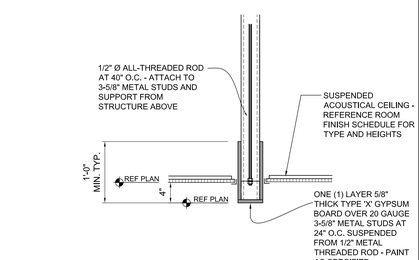
05 SECTION DETAIL
SCALE 1" = 1'-0"
NOTE: AT COOLER/FREZZER PROVIDE FURRDOWN DEPTH AS PER MFG. REQUIREMENTS



07 SECTION DETAIL
SCALE 1" = 1'-0"



03 SECTION DETAIL
SCALE 1" = 1'-0"



02 SECTION DETAIL
SCALE 1" = 1'-0"

No.	REVISIONS	BY
2	ADDENDUM #2	JA

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IDEA-SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA Public Schools

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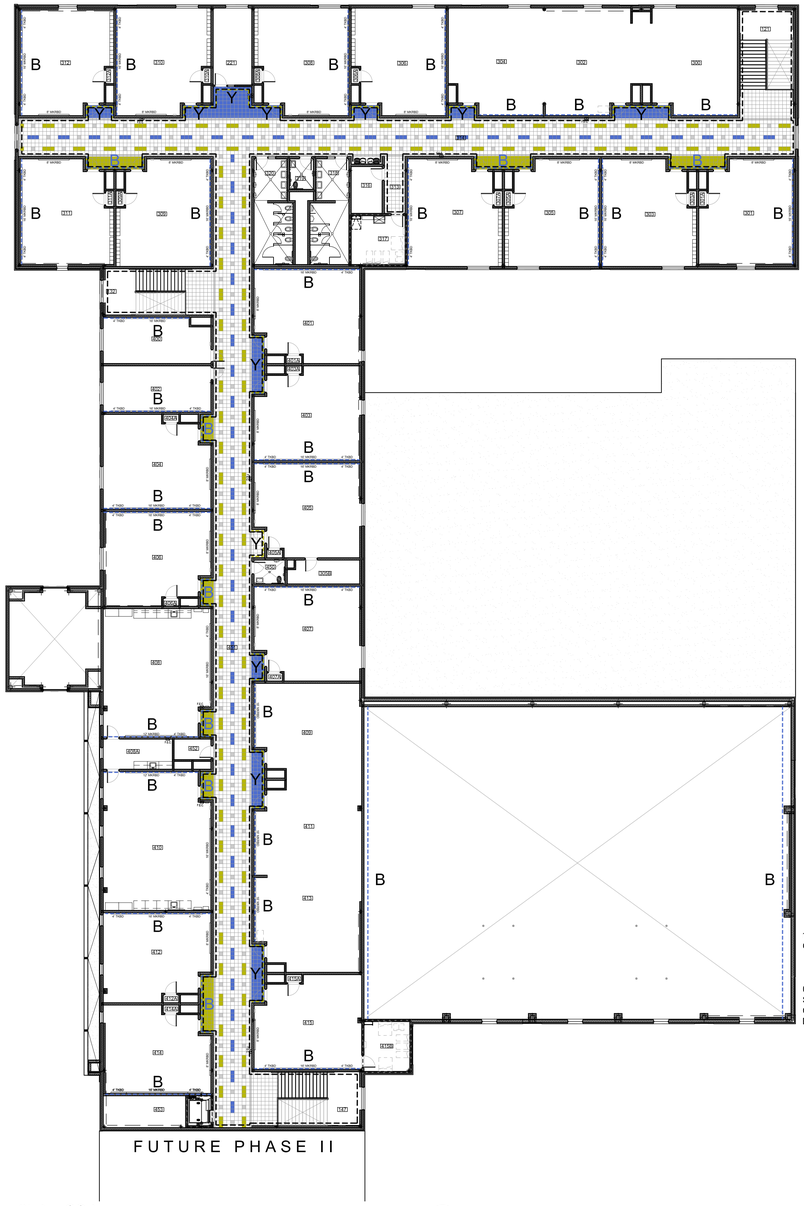
Date:	May 11, 2018
Scale:	As Noted
Project Architect:	David Monreal, AIA
Drawn By:	JA, RB
Job No.	IDEA South McAllen Phase I
Sheet:	A2.07



2ND FLOOR

02 DUROPLEX COATING PLAN

SCALE: 3/32" = 1'-0"

PLAN NORTH

– – – – – DENOTES 4'-0" PAINTED WAINSCOT WITH DUROPLEX COATING SYSTEM AS SPECIFIED

GENERAL NOTES:

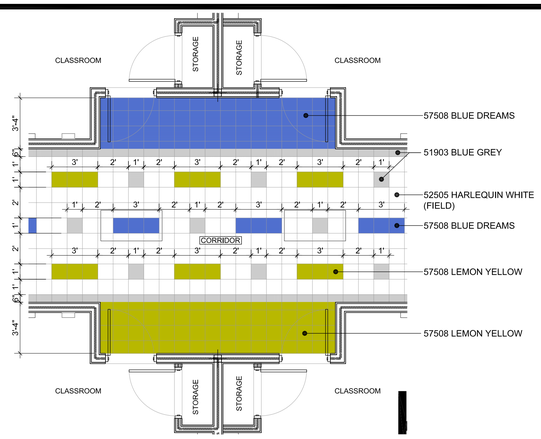
1.) GENERAL CONTRACTOR TO CONTACT ARCHITECTS OFFICE IF ANY FLOOR TILE DESIGN IS UNCLEAR REGARDING SIZE, COLOR, OR LOCATION

2.) PROVIDE TRANSITION STRIPS AT ALL DISSIMILAR FLOOR CONDITIONS

3.) REFERENCE ROOM FINISH SCHEDULE ON SHEET A2.02 FOR ROOM FINISH INFORMATION

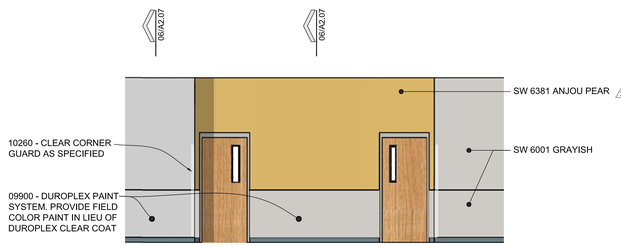
4.) PROVIDE FOR UP TO FOUR VCT COLORS IN CORRIDORS REFER TO 02/A2.07
5.) ALLOW FOR ONE ACCENT WALL IN EACH CLASSROOM, LAB, AND OFFICES NOTED ON THIS PLAN BY THE FOLLOWING DESIGNATION

Y = DENOTES YELLOW ACCENT WALL SW 6381 ANJOU PEAR REFER TO 04/A2.12
B = DENOTES BLUE ACCENT WALL SW 6961 BLUE BEYOND REFER TO 05/A2.12



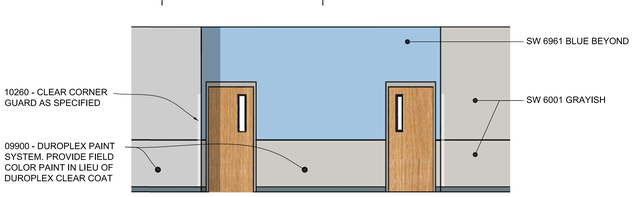
03 TYPICAL VCT PATTERN

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



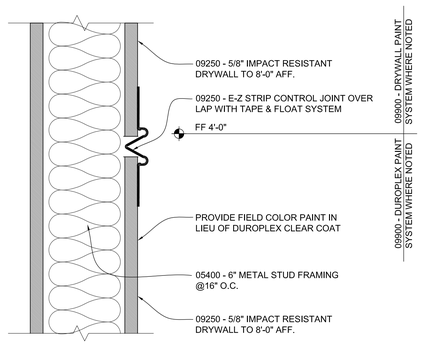
04 TYPICAL WALL ELEVATION

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



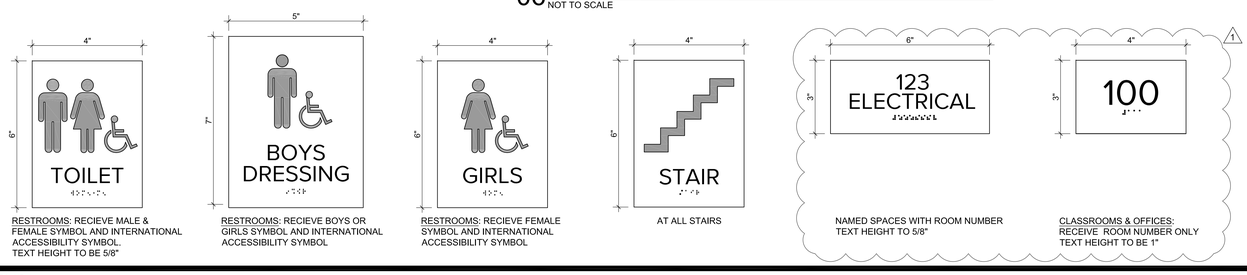
05 TYPICAL WALL ELEVATION

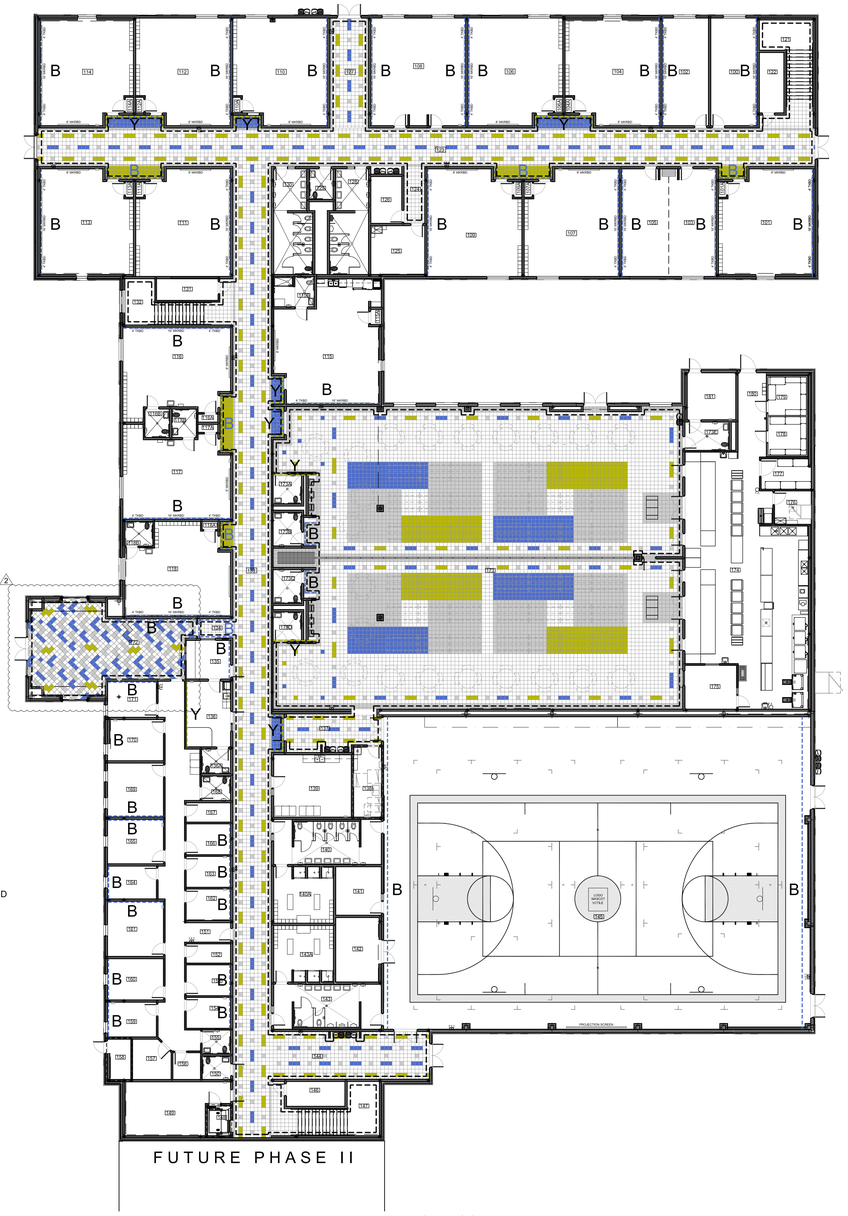
SCALE: 1/4" = 1'-0"



06 DUROPLEX TERMINATION DETAIL

NOT TO SCALE





1ST FLOOR

01 DUROPLEX COATING PLAN

SCALE: 3/32" = 1'-0"

PLAN NORTH

– – – – – DENOTES 4'-0" PAINTED WAINSCOT WITH DUROPLEX COATING SYSTEM AS SPECIFIED

GENERAL NOTES:

1.) GENERAL CONTRACTOR TO CONTACT ARCHITECTS OFFICE IF ANY FLOOR TILE DESIGN IS UNCLEAR REGARDING SIZE, COLOR, OR LOCATION

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Y = DENOTES YELLOW ACCENT WALL SW 6381 ANJOU PEAR REFER TO 04/A2.12
B = DENOTES BLUE ACCENT WALL SW 6961 BLUE BEYOND REFER TO 05/A2.12

No.	REVISIONS	BY
1	ADDENDA#1	RB
2	ADDENDUM #2	JA

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IDEA-SOUTH MCALLEN CAMPUS PHASE I

MCALLEN, TEXAS

IDEA Public Schools

REGISTERED ARCHITECT DAVID A. MONREAL 19556 STATE OF TEXAS
5/11/2018

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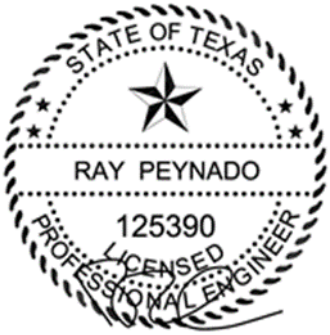
Interior Designers

Date: May 11, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: JA, RB
Job No. IDEA South McAllen Phase I
Sheet: A2.12

VCT PATTERN AND ACCENT WALLS

119 W. Van Buren Ave. Ste. 101
Harlingen, TX 78550
Off: (956) 230-3435
Fax: (956) 720-0830
www.ethoseng.net



May 25, 2018
Idea – South McAllen Campus Phase I

ADDENDUM NO. 2

A. PURPOSE AND INTENT

This addendum is issued for the purpose of modifying the plans and specifications for the project referenced above.
This addendum shall become part of the contract and all contractors shall be bound by its content.
All aspects of the specifications and drawings not covered herein shall remain the same.
The General Conditions and the Special Conditions of the specifications shall govern all parts of the work and apply in full force to this addendum.

B. SCOPE

I. Specifications:

1) Section 233713 – Diffusers, Registers and Grilles.
   a. Add Nailor Industries to the approved manufacturer's list. Manufacturer shall meet or exceed the specifications.

2) Section 237433 – Dedicated Outdoor-Air Units clarification:
   a. Add GREENHECK to the approved manufacturer's list.
   b. Hot Gas Bypass not required provided the system can unload to 20% of its total capacity.
   c. If bypass on DOAS VFD is not available, manufacturer shall provide a spare VFD of the same capacity for each unit. Deliver spare VFDs to Owner during Construction.

3) Louvers:
   a. Add Pottorff and Greenheck to the approved manufacturer's list. Manufacturer shall meet or exceed the specifications.

4) Division 22 – Plumbing Specifications:
    a. Add the following manufacturer's the approved list, they shall meet or exceed the specifications:
        i. AO Smith for Water Heaters.
        ii. Charlotte Pipe for couplings and soil pipe.
        iii. Holdrite/Hydroflame for Fire stop assemblies.
        iv. Powers for Shower valves.
        v. Watts for Backflow Preventers.
        vi. Watts Drainage for Trap Primers, Shock Arrestors, Drains, Cleanouts and Hydrants.
        vii. Wessels for Expansion Tanks.

II. Drawings:

1) Sheet M3.04:
    a) Revised Second Floor Mechanical Plan (Gym ductwork – Modification). See attached sheet.

2) Sheet E3.04:
    a) Revised Second Floor Lighting Plan (Branding wall LED sign – Clarification). See attached sheet.

3) Sheet E4.01:
    a) Revised General Notes (Note #2 – Clarification). See attached sheet.

4) Sheet E4.02:
    a) Revised General Notes (Note #2 – Clarification). See attached sheet.

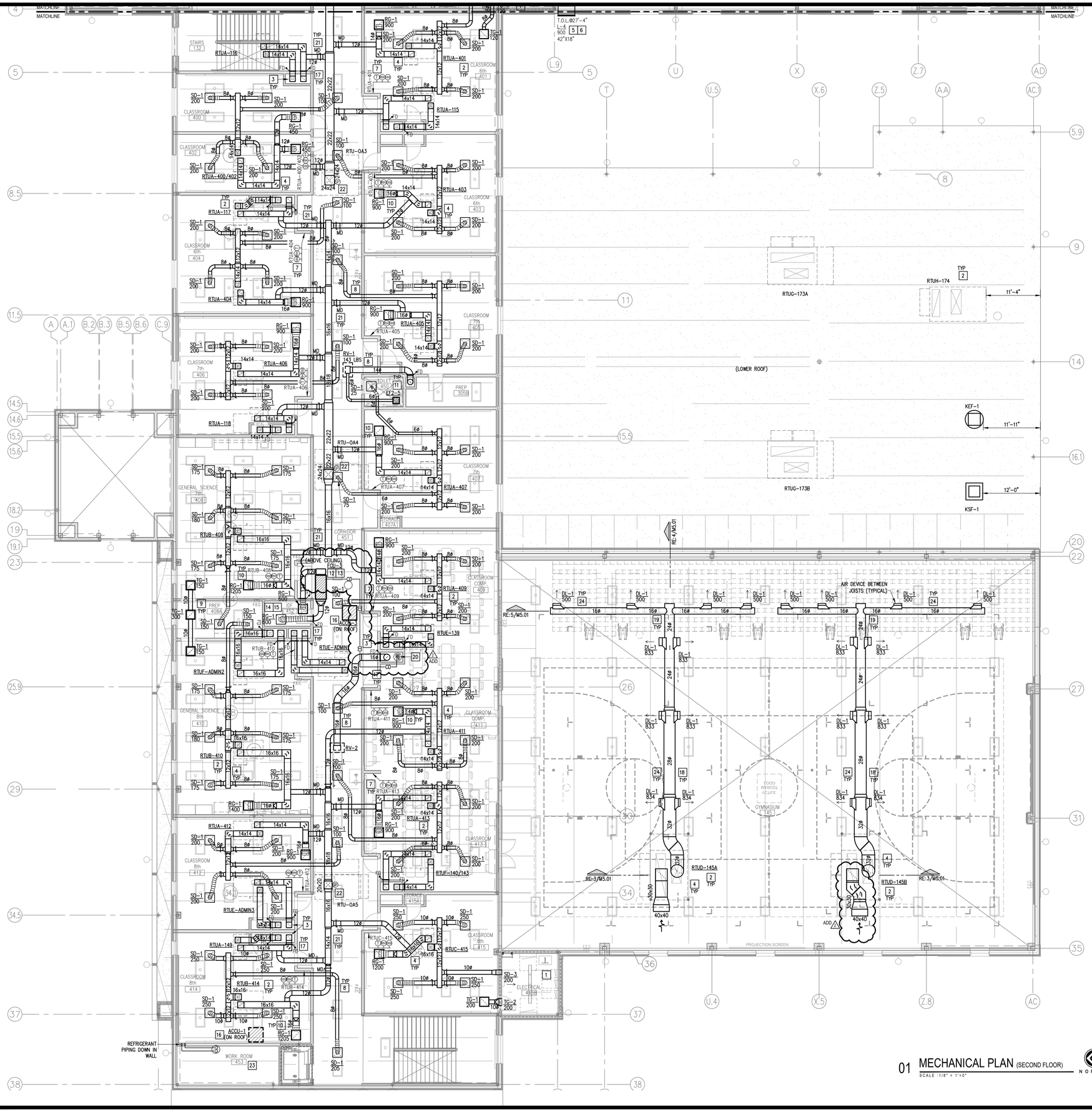
5) Sheet E4.03:
    a) Revised General Notes (Note #2 – Clarification). See attached sheet.

6) Sheet E4.04:
    a) Revised General Notes (Note #2 – Clarification). See attached sheet.

7) Sheet E4.05:
    a) Revised General Notes (Note #2 – Clarification). See attached sheet.
    b) Office 181: Provide an intrusion detection system keypad and fire alarm pull station adjacent to exterior door. This office to be programed as a separate intrusion zone. Coordinate with owner.
    c) Corridor 180: Provide an intrusion detection system keypad adjacent to exterior door.

8) Sheet E6.01:
   a) Revised Luminaire Schedule (Added fixture). See attached sheet.

9) Sheet E6.02
   a) Revised Light Fixture Images (Revised designations). See attached sheet.



01 MECHANICAL PLAN (SECOND FLOOR)
SCALE : 1/8" = 1'-0"

NORTH

GENERAL NOTES:

1. PRIOR TO LABELING EQUIPMENT, COORDINATE DESIGNATION AND IDENTIFICATION WITH OWNER AND BUILDING AUTOMATION SYSTEM.

KEYED NOTES:

1. CODE AND WORKING CLEARANCE FOR ELECTRICAL PANELS. DO NOT ROUTE DUCT OR PIPING DIRECTLY ABOVE ELECTRICAL EQUIPMENT FOOTPRINT. SEE ELECTRICAL PLANS FOR EXACT LOCATION. (TYP.)
2. PROVIDE RTU ON ROOF CURB AS SCHEDULED. REFER TO MECHANICAL ROOF PLAN FOR MORE INFORMATION.
3. DUCTWORK DOWN TO FIRST FLOOR. REFER TO FIRST FLOOR MECHANICAL PLAN FOR CONTINUATION.
4. DUCTWORK ROUTING SHOWN IS DIAGRAMMATIC IN NATURE. FIELD-VERIFY STRUCTURE AND SPACE AVAILABILITY PRIOR TO SUBMITTING SHOP DRAWINGS. COORDINATE WITH ARCHITECT AND ENGINEER IN CASE OF CONFLICTS.
5. SLEEVE ALL WALL PENETRATIONS PER SPECIFICATIONS. SEAL AROUND DUCTS & PIPING AT ALL WALLS, AC ROOMS AND WALL LOUVER PENETRATIONS WITH FIRE-PROOF CAULKING. PROVIDE ESCUTCHEON PLATES AND FLASHING AROUND PENETRATION, BOTH INSIDE AND OUTSIDE TO PROVIDE A FINISH LOOK. (TYP.)
6. PROVIDE LOUVER AS SCHEDULED. COORDINATE FINAL FINISH, SIZE AND LOCATION WITH ARCHITECT PRIOR TO ORDERING. (TYP.)
7. PROVIDE THERMOSTAT, RH, AND CO2 SENSORS WHERE INDICATED. INSTALL 48" A.F.F. COORDINATE WITH ARCHITECT AND OWNER TO MEET ADA REQUIREMENTS. PROVIDE CLEAR LOCKING COVER FOR ALL SENSORS. (TYPICAL)
8. PROVIDE ROUND SPIRAL LOCK-SEAM DUCT. LONGITUDINAL SEAM TYPE IS NOT ACCEPTABLE. (TYPICAL)
9. PROVIDE ACOUSTICAL LINING FOR TRANSFER DUCT. SEE SPECIFICATIONS. (TYPICAL)
10. PROVIDE FABRICATED RETURN AIR PLENUM BOX ABOVE RETURN GRILLE. INSTALL ACOUSTICAL LINING IN PLENUM BOX. CONNECT WITH FLEX DUCT TO MAIN RETURN TRUNK DUCT WHERE SHOWN ON DRAWING AND INSTALL BALANCING DAMPER WHERE INDICATED. FOR AREAS WHERE FLEX DUCT IS NOT SHOWN, PROVIDE ACOUSTICAL LINING FOR CONNECTION TO MAIN RETURN TRUNK DUCT. SEE DETAIL SHEET. (TYPICAL
11. PROVIDE EXHAUST FAN AS SCHEDULED. SEE ASSOCIATED DETAIL ON DETAIL SHEET.
12. PROVIDE FAN COIL UNIT AS SCHEDULED. PROVIDE WATER LEVEL DETECTION DEVICE THAT WILL SHUT-OFF THE FCU PRIOR TO OVERFLOW. AUXILIARY DRAIN SYSTEM SHALL BE AS PER IMC-2009 SECTION 307.2.3. SEE DETAIL SHEET. ROUTE COPPER CONDENSATE LINE TO PLUMBING RECEPTACLE AND INSULATE PER SPECIFICATIONS. DROP REFRIGERANT LINES NEXT TO UNIT TO AVOID INTERFERENCE WITH MAINTENANCE ACCESS. POSITION UNIT TO ALLOW REQUIRED CLEARANCES.
13. SUSPEND FCU USING SPRING VIBRATION ISOLATORS AS PER MANUFACTURER'S RECOMMENDATIONS. POSITION UNIT TO ALLOW REQUIRED CLEARANCES. PROVIDE AUXILIARY DRAIN PAN WITH FLOAT SWITCH TO DISABLE FAN WHEN MOISTURE IS DETECTED. PROVIDE INSULATED COPPER CONDENSATE PIPING. ROUTE INSULATED CONDENSATE PIPING DOWN TO FIRST FLOOR INSIDE CHASE. TERMINATE CONDENSATE PIPING AT FLOOR SINK IN THE FIRST FLOOR ELECTRICAL/CUSTODIAN ROOM 138.
14. PROVIDE PLENUM BOX ON TOP OF AIR DEVICE FOR SIDE FLEX CONNECTION. REMOVE PATTERN DIFFUSER AND ENSURE S/A DEVICE DROPS AIR IN FRONT OF RACKS. COORDINATE EXACT LOCATION WITH OWNER AND ENGINEER PRIOR INSTALLATION. RG-1 TO BE USED AS SUPPLY AIR DEVICE.
15. PRIOR TO INSTALLATION OF FCU AND RELATED DUCTWORK, COORDINATE LOCATION OF COMMUNICATION AND DATA EQUIPMENT TO ENSURE RACKS ARE POSITIONED IN A PROPER MANNER CLEARLY IDENTIFYING THE COLD AND HOT ISLES. SUPPLY AIR DEVICES SHALL THROW AIR IN FRONT OF RACKS AND RETURN AIR DEVICES SHALL BE LOCATED ON BACK SIDE OF RACKS. DOCUMENT COORDINATION WITH OWNER, I.T. DEPARTMENT, AND ARCHITECT/ENGINEER PRIOR INSTALLATION.
16. PROVIDE AIR COOLED CONDENSING UNIT ON ROOF AS SCHEDULED. REFER TO MECHANICAL ROOF PLAN FOR MORE INFORMATION.
17. PROVIDE 1-1/2 HOUR RATING, DYNAMIC FIRE DAMPER EQUAL TO RUSKIN DIBD2 AND DUCT ACCESS DOOR EQUAL TO RUSKIN ADH-22 FOR RECTANGULAR DUCT, ACUDOR RD FOR ROUND DUCT. (TYPICAL). PROVIDE FIRE DAMPER AT WALL PENETRATIONS AS SHOWN.: ACCESS PANEL SHALL BE IN CEILING SPACE.
18. PROVIDE DOUBLE WALL EXPOSED-PAINTED ROUND DUCT AS PER SPECIFICATIONS WITH DIFFUSERS AS SCHEDULED. PROVIDE HIGH PERFORMANCE PAINT AND COORDINATE FINAL COLOR OF DUCTS AND DIFFUSERS WITH ARCHITECT BEFORE ORDERING AND INSTALLING. ALL EXPOSED DUCTS SHALL BE PAINTED. COORDINATE FINISH AND COLOR WITH ARCHITECT.
19. DOUBLE WALL DUCTWORK RUNNING PERPENDICULAR TO THE JOIST GIRDERS SHALL BE ROUTED THROUGH THE JOIST GIRDER WEBBING. COORDINATE WITH GENERAL CONTRACTOR.
20. ROUTE CONDENSATE PIPING DOWN FROM ROOF AT THIS APPROXIMATE LOCATION. ROUTE PIPING DOWN TO FIRST FLOOR CEILING SPACE. REFER TO SHEET M3.02 FOR CONTINUATION.
21. PROVIDE MOTORIZED DUCT MOUNTED OUTSIDE AIR DAMPER AND ACTUATOR WITH CO2 SENSOR AS PER SPECIFICATIONS TO ACHIEVE DEMAND CONTROLLED VENTILATION SEQUENCE, REFER TO DDC CONTROLS SEQUENCES FOR MORE INFORMATION. CONTROLS CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY POWER, CONDUITS AND WIRING FOR A COMPLETE AND FUNCTIONAL DCV SYSTEM.
22. PROVIDE DUCT MOUNTED STATIC PRESSURE SENSOR DOWNSTREAM THE DOAS ROOFTOP UNIT SUPPLY AIR DUCTWORK AND INTEGRATE WITH THE VAV OPERATION OF THE DOAS. COORDINATE WITH CONTROLS CONTRACTOR.
23. THIS SPACE TO BE USED IN PHASE II. COORDINATE WITH GENERAL CONTRACTOR.
24. COORDINATE DUCTWORK ROUTING AND AIR DEVICE PLACEMENT WITH STRUCTURAL JOISTS, CROSS BRACING, AND BRIDGING. COORDINATE WITH GENERAL CONTRACTOR.

No.	REVISIONS	BY
1	MAY 18, 2018	
2 ADD	MAY 25, 2018	

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IDEA-SOUTH MCALLEN CAMPUS
PHASE I
MCALLEN, TEXAS

IDEA Public Schools

LICENSED PROFESSIONAL ENGINEER
CESAR A. GONZALEZ
108611
STATE OF TEXAS
5.10.2018

FUTURE PHASE II
KEYPLAN

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Gomez Mendez Saenz Inc.
Architects-Planners
Interior Designers

Date: May 10, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: ETHOS
Job No.: IDEA South McAllen Phase I
Sheet: M3.04

ethos engineering
119 W. VAN BUREN AVE. STE.101
HARLINGEN, TX
PHONE: 956-230-3435
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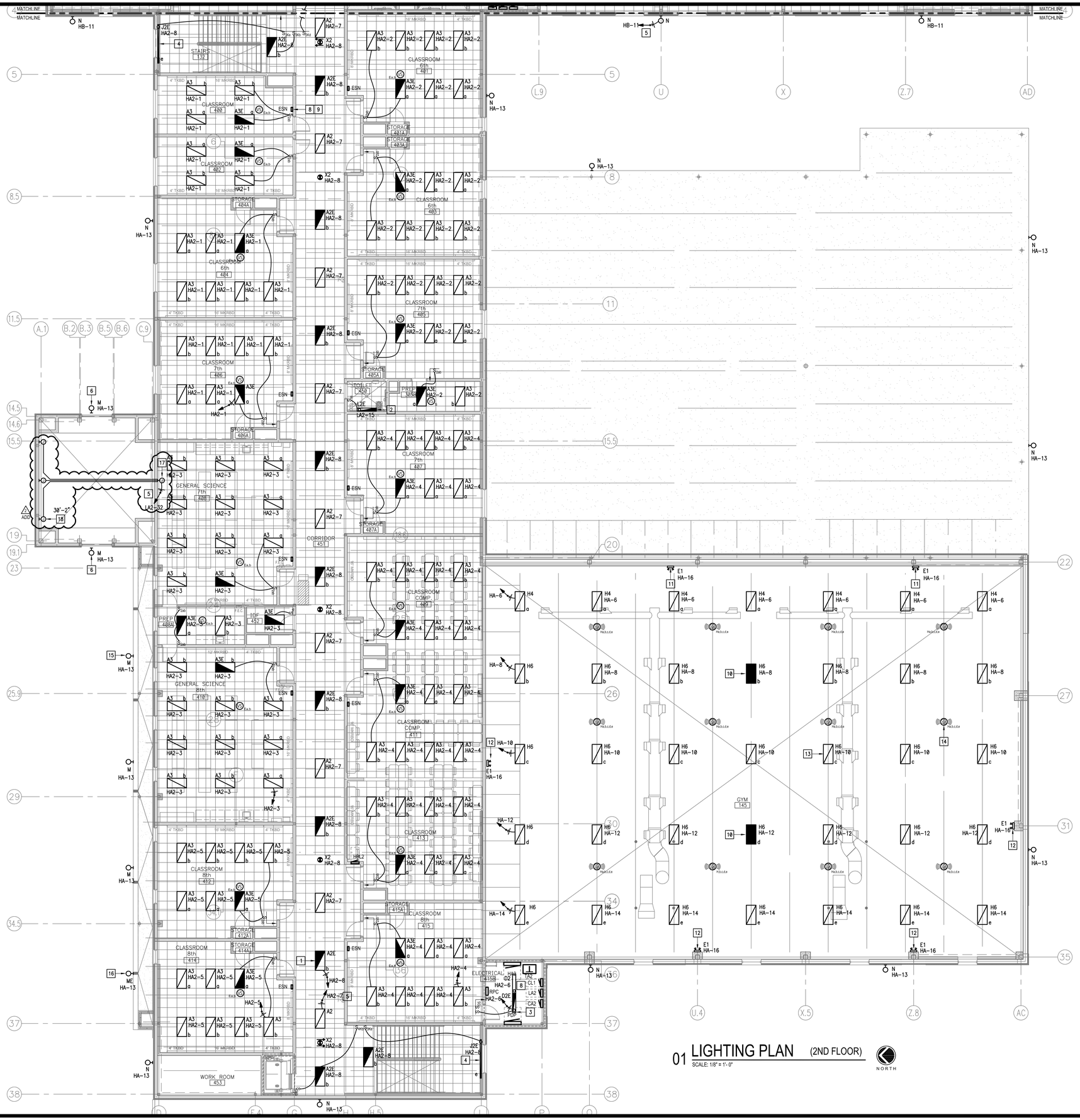
ENGINEERING FIRM
F-15998



01 LIGHTING PLAN (2ND FLOOR)

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

NORTH

GENERAL NOTES:

1. LIGHTING BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" – 2#12 & #12G. 20A/277V HOMERUNS EXCEEDING 200FT THE WIRE SIZE SHALL BE #10 & #8 FOR 275'.
2. INTERIOR LIGHTING CONTROLS SHALL BE BY OCCUPANCY SENSORS.
3. MULTIPLE OCCUPANCY SENSORS CONTROLLING A SINGLE OR MULTIPLE SWITCH SCHEME AND POWER PACKS SHALL BE CONNECTED WITH CLASS II #18 WIRING IN 1/2" RACEWAY.
4. EXTERIOR LIGHTING CONTROLS SHALL BE BY LIGHTING MANAGEMENT PANEL.
5. PROVIDE 0–10V SIGNAL WIRING TO EACH DIMMED LIGHT FIXTURE DRIVER AND WALL SWITCH.
6. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.

KEYED NOTES:

1. CONNECT EMERGENCY BATTERY PACK TO BE CHARGING AT ALL TIMES (UNSWITCHED). LIGHT FIXTURE SHALL BE OPERATED BY THE CORRESPONDING SWITCH – TYPICAL.
2. MOUNT FIXTURE TYPE "L2E" AT 24" ABOVE MIRROR – TYPICAL.
3. PROVIDE UNISTRUT AND THREADED ROD TO SUSPEND LIGHT FIXTURE AT 9'–0" AFF. COORDINATE INSTALLATION WITH HVAC DUCT WORK.
4. MOUNT FIXTURE TYPE "J2E" AT 15'–4" A.F.F. TO CENTER OF FIXTURE – TYPICAL.
5. VIA CORRESPONDING LIGHTING CONTROL RELAY PANEL.
6. MOUNT LIGHT FIXTURE TYPE "M" AT 15'–4" AFF TO CENTER OF FIXTURE (U.N.O.).
7. MOUNT LIGHT FIXTURE TYPE "N" AT 20'–9" AFF TO CENTER OF FIXTURE (U.N.O.) – TYPICAL.
8. NO DUCTWORK OR PIPING TO BE ROUTED ABOVE PANELBOARDS. COORDINATE WITH OTHER TRADES – TYPICAL.
9. PROVIDE LIGHTING CONTROL PANEL (ESN) 12" ABOVE CEILING. SEE DETAIL 02/E8.05. CONNECT TO NEAREST 277V CIRCUIT – TYPICAL.
10. NIGHT LIGHT TO REMAIN UNSWITCHED.
11. MOUNT FIXTURE TYPE "E1" AT 80" ABOVE TOP OF BLEACHERS.
12. MOUNT FIXTURE TYPE "E1" AT 12'–0" A.F.F. (U.N.O.) TO TOP OF FIXTURE.
13. SEE DETAIL 01/E9.03 FOR MOUNTING.
14. PROVIDE CLASS II #18 WIRING IN 1/2" RACEWAY TO BETWEEN VACANCY SENSORS AND POWER PACKS AS PER MANUFACTURER INSTRUCTION TO OBTAIN SWITCHING SCHEMES AS NOTED.
15. MOUNT LIGHT FIXTURE TYPE "M" AT 13'–4" AFF TO CENTER OF FIXTURE (U.N.O.) – TYPICAL.
16. MOUNT LIGHT FIXTURE TYPE "ME" AT 13'–4" AFF TO CENTER OF FIXTURE (U.N.O.).

ADD 1

17. CONNECT LOGO SIGN POWER SUPPLIES ABOVE CEILING. COORDINATE EXACT LOCATION WITH SIGN CONTRACTOR.
18. PROVIDE J-BOX AND 3/4" RACEWAY ROUTED ABOVE CEILING BACK TO LOGO SIGN POWER SUPPLIES LOCATION. COORDINATE EXACT LOCATIONS WITH SIGN CONTRACTOR PRIOR TO ANY ROUGH-IN. INDICATED HEIGHT IS APPROXIMATE – TYPICAL OF 3.

No.	REVISIONS	BY
1	MAY 18, 2018	
ADD 1	MAY 25, 2018	

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5.10.2018

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Interior Designers

Date: May 10, 2018
Scale: As Noted
Project Architect: Dávid Monreal, AIA
Drawn By: ETHOS
Job No.: IDEA South McAllen Phase I
Sheet:

E3.04

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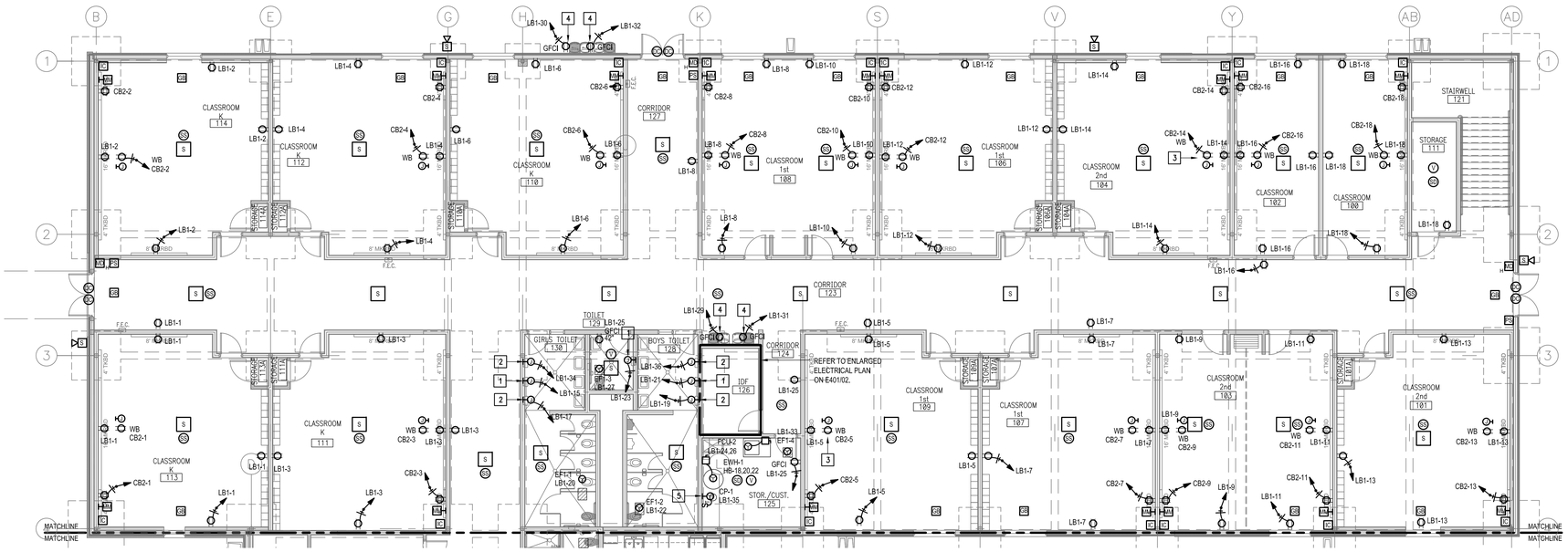
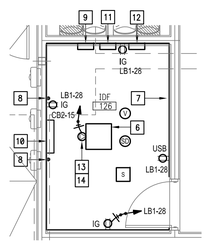


01 ELECTRICAL PLAN (1ST FLOOR)
SCALE: 1/8" = 1'-0"

NORTH



02 ELECTRICAL PLAN (ENLARGED IDF ROOM 126)
SCALE: 1/4" = 1'-0"

NORTH

GENERAL NOTES:

1. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" – 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100FT, THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.
2. HOMERUNS – INSTALL NO MORE THAN THREE PER RACEWAY (INCLUDING LIGHTING BRANCH CIRCUITS); 3 INSULATED "HOT", 3 INSULATED "NEUTRAL AND 1 SHARED "GROUND". (ADD 1)
3. PROVIDE ALL ELECTRICAL RECEPTACLES INSTALLED WITH THE GROUND OPENING IN THE "UP" POSITION.
4. PROVIDE J-HOOKS TO SUPPORT THE FIRE ALARM, INTRUSION DETECTION, VOICE, INTERCOM AND DATA CABLING.
5. PROVIDE FIRE STOPPING AT ALL FIRE WALL PENETRATIONS; PROVIDE EXPANSION PLATES & BONDING JUMPERS AT BUILDING EXPANSION JOINTS.
6. PROVIDE EACH ISOLATED GROUND CIRCUIT HOMERUN WITH A "HOT", DEDICATED NEUTRAL, ISOLATED GROUND (IG) AND A SHARED MECHANICAL GROUND.
7. PROVIDE ISOLATED GROUND (IG) RECEPTACLES WITH 4 INSULATED CONDUCTORS, "HOT", NEUTRAL, ISOLATED GROUND (IG) AND EQUIPMENT GROUND THAT CONNECTS TO THE BOX ENCLOSURE. PROVIDE ISOLATED GROUND CONDUCTOR WITH A YELLOW TRACER.
8. THERE SHALL BE NO SPLICES IN THE ISOLATED GROUND (IG) FEEDING THE (IG) BUSS.
9. PROVIDE 1–2" RACEWAY (SLEEVE) 12" ABOVE CEILING AT ALL CLASSROOMS, RESTROOMS, OFFICES, ETC. DOORS THAT LEAD TO CORRIDORS (FLOOR TO CEILING WALLS) FOR SPECIAL SYSTEMS WIRING.
10. USE TAMPER RESISTANT RECEPTACLES THROUGHOUT.
11. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.

KEYED NOTES:

1. PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK B-750 (NO SUBSTITUTION). BRANCH CIRCUIT: 3/4" – 2#10 & #10G. MOUNT @ +40" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.
2. PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK B-750 (NO SUBSTITUTION). BRANCH CIRCUIT: 3/4" – 2#10 & #10G. MOUNT @ +48" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.
3. PROVIDE ELECTRICAL RECEPTACLE FLUSH MOUNTED TO THE WALL ABOVE WHITE BOARD FOR PROJECTOR – TYPICAL. INSTALL OUTLET AND SPECIAL SYSTEMS J-BOX PER MANUFACTURERS PUBLISHED TEMPLATES – SEE DETAILS.
4. CONNECT ELECTRIC DRINKING FOUNTAIN; BRANCH CIRCUIT: 1/2" – 2#12 & #12G. ROUGH-IN AT 17-7/16" TO CENTER OF J-BOX – TYPICAL. COORDINATE WITH PLUMBING CONTRACTOR.
5. CONNECT VIA CORRESPONDING RELAY PANEL.
6. DATA RACK – PROVIDED BY OWNER.
7. PROVIDE 3/4" X 4', PLYWOOD TELEPHONE/DATA BOARD ON ALL WALLS. FIRE RESISTIVE TREATED (A-D INT-APA). MOUNT AT 24" AFF.
8. PROVIDE GROUND BUS BAR. REFER TO GROUNDING ELECTRICAL RISER DIAGRAM.
9. PROVIDE INTRUSION DETECTION SYSTEM POWER SUPPLY; BRANCH CIRCUIT: 1/2 – 2#12 & #12G.
10. PROVIDE 6"H X 6"D (WIDTH AS REQUIRED) SURFACE MOUNTED WIREWAY WITH HINGED COVER. ROUTE SPECIAL SYSTEMS RACEWAYS TO THIS LOCATION – SEE SITE PLAN AND DETAIL.
11. PROVIDE FIRE ALARM POWER SUPPLY, BRANCH CIRCUIT: 1/2" – 2–#12 & #12G.
12. PROVIDE INTERCOM SYSTEM SWITCHING MODULES WALL MOUNTED.
13. PENDANT MOUNTED SEE DETAIL, FIELD CONFIRM EXACT LOCATION WITH OWNER/IT SUBCONTRACTOR.
14. PROVIDE SPECIAL RECEP FOR IDF-UPS(NEMA L5-30P); BRANCH CIRCUIT: 3/4" – 2#10 & #10G.

No.	REVISIONS	BY
1	MAY 18, 2018	
2 ADD	MAY 25, 2018	

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Architects-Planners
Interior Designers

Date: May 10, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: ETHOS
Job No. IDEA South McAllen Phase I
Sheet: E4.01

GENERAL NOTES:

1. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" – 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100FT, THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.
2. HOMERUNS – INSTALL NO MORE THAN THREE PER RACEWAY (INCLUDING LIGHTING BRANCH CIRCUITS); 3 INSULATED "HOT", 3 INSULATED "NEUTRAL AND 1 SHARED "GROUND". ADD1
3. PROVIDE ALL ELECTRICAL RECEPTACLES INSTALLED WITH THE GROUND OPENING IN THE "UP" POSITION.
4. PROVIDE J-HOOKS TO SUPPORT THE FIRE ALARM, INTRUSION DETECTION, VOICE, INTERCOM AND DATA CABLING.
5. PROVIDE FIRE STOPPING AT ALL FIRE WALL PENETRATIONS; PROVIDE EXPANSION PLATES & BONDING JUMPERS AT BUILDING EXPANSION JOINTS.
6. PROVIDE EACH ISOLATED GROUND CIRCUIT HOMERUN WITH A "HOT", DEDICATED NEUTRAL, ISOLATED GROUND (IG) AND A SHARED MECHANICAL GROUND.
7. PROVIDE ISOLATED GROUND (IG) RECEPTACLES WITH 4 INSULATED CONDUCTORS, "HOT", NEUTRAL, ISOLATED GROUND (IG) AND EQUIPMENT GROUND THAT CONNECTS TO THE BOX ENCLOSURE. PROVIDE ISOLATED GROUND CONDUCTOR WITH A YELLOW TRACER.
8. THERE SHALL BE NO SPLICES IN THE ISOLATED GROUND (IG) FEEDING THE (IG) BUSS.
9. PROVIDE 1-2" RACEWAY (SLEEVE) 12" ABOVE CEILING AT ALL CLASSROOMS, RESTROOMS, OFFICES, ETC. DOORS THAT LEAD TO CORRIDORS (FLOOR TO CEILING WALLS) FOR SPECIAL SYSTEMS WIRING.
10. USE TAMPER RESISTANT RECEPTACLES THROUGHOUT.
11. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.

KEYED NOTES:

44 ELEVATOR CONTROLS CONNECTION; BRANCH CIRCUIT: 1/2" RACEWAY – 2#12 & #12G. COORDINATE THE J-BOX EXACT LOCATION WITH THE ELEVATOR SUPPLIER.

45 SEE ARCHITECTURAL DRAWINGS OF THE ELEVATOR PIT/SHAFT FOR THE EXACT LOCATION.

46 CONNECT ELEVATOR SUMP PUMP. COORDINATE SWITCH LOCATION WITH ELEVATOR EQUIPMENT SUPPLIER.

47 ELEVATOR TELEPHONE ROUGH-IN. PROVIDE A J-BOX WITH A 3/4" RACEWAY & PULL WIRE STUBBED NEAR THE TELECOM ROOM. COORDINATE THE J-BOX EXACT LOCATION WITH THE ELEVATOR SUPPLIER.

48 ELEVATOR FIRE ALARM ROUGH-IN. PROVIDE A J-BOX WITH A 3/4" RACEWAY & PULL WIRE STUBBED NEAR THE ELECTRICAL ROOM. COORDINATE THE J-BOX EXACT LOCATION WITH THE ELEVATOR SUPPLIER.

49 ELEVATOR LIGHTING CONNECTION. PROVIDE A 30A, 2PNF, 240 V NEMA 1 DISCONNECT; BRANCH CIRCUIT: 1/2" RACEWAY – 2#12 & #12G.

50 NO DUCTWORK OR PIPING TO BE ROUTED ABOVE ELECTRICAL GEAR. COORDINATE WITH OTHER TRADES – TYPICAL.

51 CONNECT ELEVATOR SERVICE ALERT PANEL PROVIDED BY PLUMBING CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR; BRANCH CIRCUIT: 1/2" – 2#12 & #12G, LA3-44. SIGNAL WIRING TERMINATIONS AND INSTALLATIONS SHALL BE BY ELECTRICAL CONTRACTOR. PROVIDE A 6"x6"x6" NEMA 6XP SUBMERSIBLE J-BOX FOR WIRING IN ELEVATOR PIT. COORDINATE EXACT LOCATION OF ALL COMPONENTS WITH PLUMBER & ELEVATOR EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN.

52 PENDANT MOUNTED SEE DETAIL, FIELD CONFIRM EXACT LOCATION WITH OWNER/IT SUBCONTRACTOR.

KEYED NOTES:

1 PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK B-750 (NO SUBSTITUTION). BRANCH CIRCUIT: 3/4" C 2#10 & #10G. MOUNT @ +48" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.

2 PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK B-750 (NO SUBSTITUTION). BRANCH CIRCUIT: 3/4" CC 2#10 & #10G. MOUNT @ +48" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.

3 PROVIDE ELECTRICAL OUTLET FLUSH MOUNTED TO THE WALL ABOVE WHITE BOARD FOR PROJECTOR – TYPICAL. INSTALL OUTLET AND SPECIAL SYSTEMS J-BOX PER MANUFACTURERS PUBLISHED TEMPLATES – SEE DETAILS.

4 CONNECT ELECTRIC DRINKING FOUNTAIN; BRANCH CIRCUIT: 1/2" C 2#12 & #12G. ROUGH-IN AT 17-7/16" TO CENTER OF J-BOX. COORDINATE WITH PLUMBING CONTRACTOR. – TYPICAL

5 PROVIDE ASSISTIVE LISTENING TRANSMITTER; MOUNT AT 16' AFF. SHARE CIRCUIT WITH AMPLIFIER. PROVIDE DUPLEX RECEPTACLE 16' AFF.

6 CONNECT INTERCEPTOR SERVICE ALERT PANEL PROVIDED BY PLUMBING CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR; BRANCH CIRCUIT: 1/2" – 2#12 & #12G, LA3-46 PROVIDE A 1/2" RACEWAY FROM SERVICE ALERT PANEL TO SOLID INTERCEPTOR FOR WIRING. COORDINATE EXACT LOCATIONS WITH PLUMBER.

7 CONNECT REFRIGERATOR; BRANCH CIRCUIT: 1/2 C 2#12 & #12G.

8 CONNECT DISH WASHER; BRANCH CIRCUIT: 1/2" C 2#12 & #12G.

9 CONNECT COPY MACHINE; BRANCH CIRCUIT: 1/2" C 2#2 & 12G.

10 PROVIDE SPECIAL RECEPTACLE FOR CLOTHES DRYER (NEMA 10-30R); BRANCH CIRCUIT: 3#10 & #10G.

11 CONNECT CLOTHES WASHER; BRANCH CIRCUIT: 1/2" C 2#12 & #12G.

12 CONNECT FLOW SWITCH; BRANCH CIRCUIT: 1/2" C 2#2 & 12G.

13 CONNECT IRRIGATION CONTROLLER; BRANCH CIRCUIT: 1/2" C 2#12 & #12G

14 3/4" RACEWAY W/ PULLWIRE (SCOREBOARD CONTROLS RACEWAY).

15 1-1/4" RACEWAY W/ PULLWIRE (P.A. SYSTEM RACEWAY).

16 INSTALL DEVICES INSIDE FLUSH MOUNTED FLOORBOX. COORDINATE THE SCORE KEEPERS TABLE EXACT LOCATION PRIOR TO ROUGH-IN (COVER PLATE FLUSH MOUNTED).

17 ATTACH RECEPTACLE FLUSH TO THE CEILING TILE & CONNECT MOTORIZED BACKSTOP. VERIFY POINT OF CONNECTION W/ BACKSTOP SUPPLIER PRIOR TO ROUGH-IN.

18 MOUNT AT 80" ABOVE TOP OF BLEACHERS.

19 TO MOTORIZED BACKBOARD KEYED SWITCH – SEE DETAIL. FURNISHED BY BACKSTOP SUPPLIER; INSTALLED & CONNECTED BY ELECTRICAL CONTRACTOR.

20 TO CONTROL MOTORIZED BACKBOARDS.

21 PROVIDE BACK BOX FOR MOTORIZED PROJECTION SCREEN SWITCH. PROVIDE 1/2" RACEWAY WITH PULLWIRE TO MOTORIZED SCREEN LOCATION.

22 CONNECT MOTORIZED PROJECTION SCREEN BELOW BEAM; BRANCH CIRCUIT: 1/2" C 2#12 & #12G. SEE ARCHITECT DRAWINGS FOR EXACT LOCATION.

23 PROVIDE AN EXTENSION RING ON WIRING DEVICES LOCATED ON THIS WALL TO INSTALL FLUSH MOUNTED WITH PROTECTIVE PADDING.

24 1-1/4" RACEWAY W/ PULLWIRE (DATA). TERNIMATE AT MDF WIREWAY IN ROOM.

25 CONNECT MOTORIZED TELESCOPIC BLEACHERS. COORDINATE EXACT POINT OF CONNECTION AND LOCATION OF SAFETY SWITCH BELOW BLEACHERS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN. SEE CONNECTION SCHEDULE.

26 PROVIDE FLUSH MOUNTED AMPLIFIER FACING CAFETERIA ROOM SIDE. PROVIDE SINGLE CHANNEL PASSIVE LAPTOP DIRECT BOX, RAPCO HORIZON # LTIBLOX.

27 PROVIDE PENDANT MOUNTED CAFETERIA SPEAKER – TYPICAL.

28 PROVIDE FIRE ALARM CONTROL PANEL WITH EMERGENCY VOICE SYSTEM; BRANCH CIRCUIT: 1/2" C 2#12 & #12G, LA1-43. PROVIDE TWO TELEPHONE CONNECTIONS.

29 PROVIDE SLIDE GATES GANGABLE BOXES BELOW KNEE SPACE – SEE DETAIL @5/E9.03.

30 PROVIDE FLUSH MOUNTED AMPLIFIER FACING OFFICE ROOM SIDE. BRANCH CIRCUIT 1/2" C 2 #12 & 1 #12G, LA3-21.

31 CONNECT SHOT CLOCK BELOW BEAM; BRANCH CIRCUIT: 1/2 C 2#12 & #12G. SEE ARCHITECT DRAWINGS FOR EXACT LOCATION.

32 CONNECT SCOREBOARD ABOVE BEAM; BRANCH CIRCUIT: 1/2 C 2#12 & #12G.

33 MOUNT AT 15' AFF. STUB-OUT CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE TO ALLOW FOR CABLING TO MDF/IDF ROOM – TYPICAL.

34 MOUNT AT 80" ABOVE TOP OF BLEACHERS. STUB-OUT CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE TO ALLOW FOR CABLING TO MDF/IDF ROOM.

35 CONNECT BYPASS DAMPER(LABELED "BPD") STEP-DOWN TRANSFORMER TO NEAREST 120V NON-GFCI CIRCUIT. BRANCH CIRCUIT: 1/2" – 2#12 & #12G. BYPASS DAMPER TO BE CONNECTED BY HVAC CONTROLS CONTRACTOR – TYPICAL.

36 PROVIDE 4" DATA RACEWAY ABOVE CEILING (FUTURE PHASE II).

37 DATA RACK – PROVIDED BY OWNER.

38 PROVIDE 3/4" X 4', PLYWOOD TELEPHONE/DATA BOARD ON ALL WALLS. FIRE RESISTIVE TREATED (A-D INT-APA). MOUNT AT 24" AFF.

39 PROVIDE GROUND BUS BAR. REFER TO GROUNDING ELECTRICAL RISER DIAGRAM.

40 PROVIDE INTRUSION DETECTION SYSTEM CONTROL PANEL; BRANCH CIRCUIT: 1/2 – 2#12 & #12G, CA1-26. PROVIDE A WIRELESS COMMUNICATOR.

41 PROVIDE 6"H X 6"D (WIDTH AS REQUIRED) SURFACE MOUNTED WIREWAY WITH HINGED COVER. ROUTE SPECIAL SYSTEMS RACEWAYS TO THIS LOCATION – SEE SITE PLAN AND DETAIL.

42 INSTALL AND CONNECT INTERCOM SYSTEM CARD CAGE ON RACK. RACK PROVIDED BY CONTRACTOR.

43 PROVIDE SPECIAL RECEP FOR IDF-UPS(NEMA L5-30P); BRANCH CIRCUIT: 3/4" – 2#10 & #10G.

01 ELECTRICAL PLAN (1ST FLOOR)

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

02 ELECTRICAL PLAN (ELEVATOR)

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

03 ENLARGED ELECTRICAL PLAN

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

(FIRST FLOOR) (SECOND FLOOR)

04 ENLARGED MDF ELECTRICAL PLAN

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

FUTURE PHASE II

KEYPLAN

No.	REVISIONS	BY
1	MAY 18, 2018	
ADD1	MAY 25, 2018	

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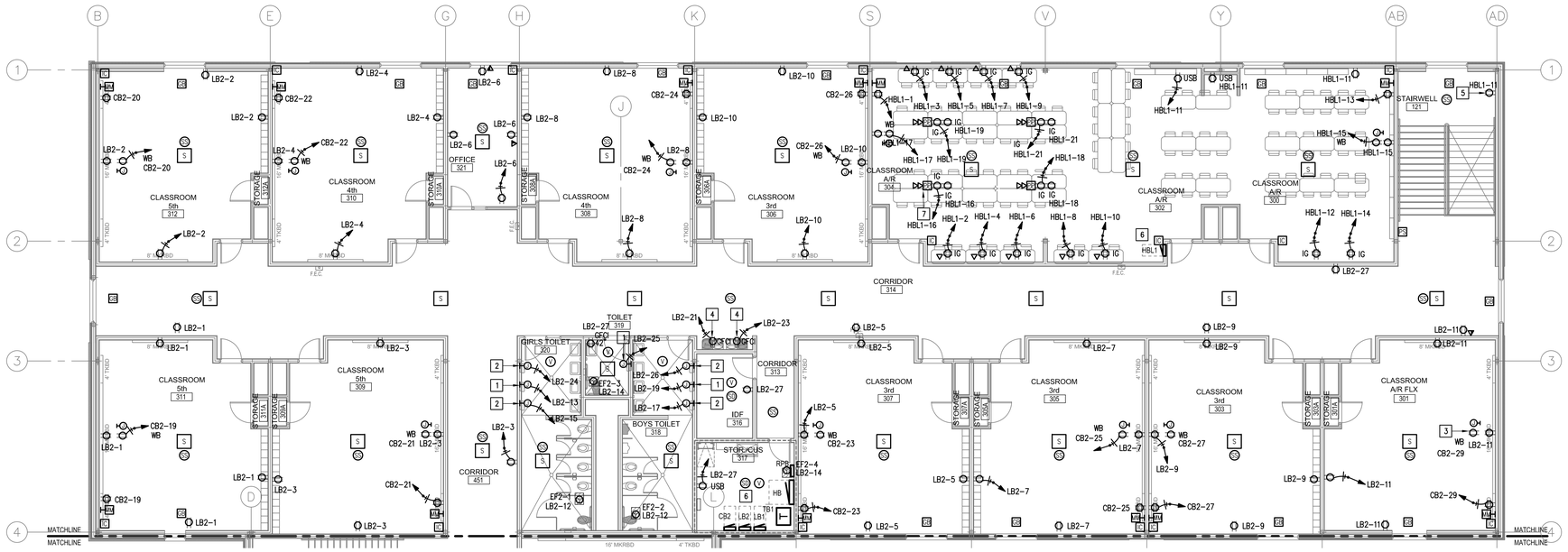

01 ELECTRICAL PLAN (2ND FLOOR)
SCALE: 1/8" = 1'- 0"

NORTH

GENERAL NOTES:

1. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" – 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100FT, THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.
2. HOMERUNS – INSTALL NO MORE THAN THREE PER RACEWAY (INCLUDING LIGHTING BRANCH CIRCUITS); 3 INSULATED "HOT", 3 INSULATED "NEUTRAL AND 1 SHARED "GROUND". (ADD)
3. PROVIDE ALL ELECTRICAL RECEPTIACLES INSTALLED WITH THE GROUND OPENING IN THE "UP" POSITION.
4. PROVIDE J-HOOKS TO SUPPORT THE FIRE ALARM, INTRUSION DETECTION, VOICE, INTERCOM AND DATA CABLING.
5. PROVIDE FIRE STOPPING AT ALL FIRE WALL PENETRATIONS; PROVIDE EXPANSION PLATES & BONDING JUMPERS AT BUILDING EXPANSION JOINTS.
6. PROVIDE EACH ISOLATED GROUND CIRCUIT HOMERUN WITH A "HOT", DEDICATED NEUTRAL, ISOLATED GROUND (IG) AND A SHARED MECHANICAL GROUND.
7. PROVIDE ISOLATED GROUND (IG) RECEPTACLES WITH 4 INSULATED CONDUCTORS, "HOT", NEUTRAL, ISOLATED GROUND (IG) AND EQUIPMENT GROUND THAT CONNECTS TO THE BOX ENCLOSURE. PROVIDE ISOLATED GROUND CONDUCTOR WITH A YELLOW TRACER.
8. THERE SHALL BE NO SPLICES IN THE ISOLATED GROUND (IG) FEEDING THE (IG) BUSS.
9. PROVIDE 1-2" RACEWAY (SLEEVE) 12" ABOVE CEILING AT ALL CLASSROOMS, RESTROOMS, OFFICES, ETC. DOORS THAT LEAD TO CORRIDORS (FLOOR TO CEILING WALLS) FOR SPECIAL SYSTEMS WIRING.
10. USE TAMPER RESISTANT RECEPTACLES THROUGHOUT.
11. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.

KEYED NOTES:

1. PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK B-750 (NO SUBSTITUTION). BRANCH CIRCUIT: 3/4" – 2#10 & #10G. MOUNT @ +48" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.
2. PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK B-750 (NO SUBSTITUTION). BRANCH CIRCUIT: 3/4" – 2#10 & #10G. MOUNT @ +48" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.
3. PROVIDE ELECTRICAL OUTLET FLUSH MOUNTED TO THE WALL ABOVE WHITE BOARD FOR PROJECTOR – TYPICAL. INSTALL OUTLET AND SPECIAL SYSTEMS J-BOX PER MANUFACTURERS PUBLISHED TEMPLATES – SEE DETAILS.
4. CONNECT ELECTRIC DRINKING FOUNTAIN; BRANCH CIRCUIT: 1/2" – 2#12 & #12G. ROUGH-IN AT 17-7/16" TO CENTER OF J-BOX. COORDINATE WITH PLUMBING CONTRACTOR.
5. MOUNTING HEIGHT TO BE FROM TOP OF LANDING.
6. NO DUCTWORK OR PIPING TO BE ROUTED ABOVE ELECTRICAL GEAR. COORDINATE WITH OTHER TRADES – TYPICAL.
7. CONNECT TELE-POWER POLE. TELE-POWER POLE SHALL BE HUBBELL DUAL COMPARTMENT MODEL #SP110011CCXCI. FURNISH WITH (2) IG DUPLEX RECEPTACLES AND (2) OUTLET SPACES FOR COMMUNICATIONS CONNECTORS – TYPICAL.

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5.10.2018

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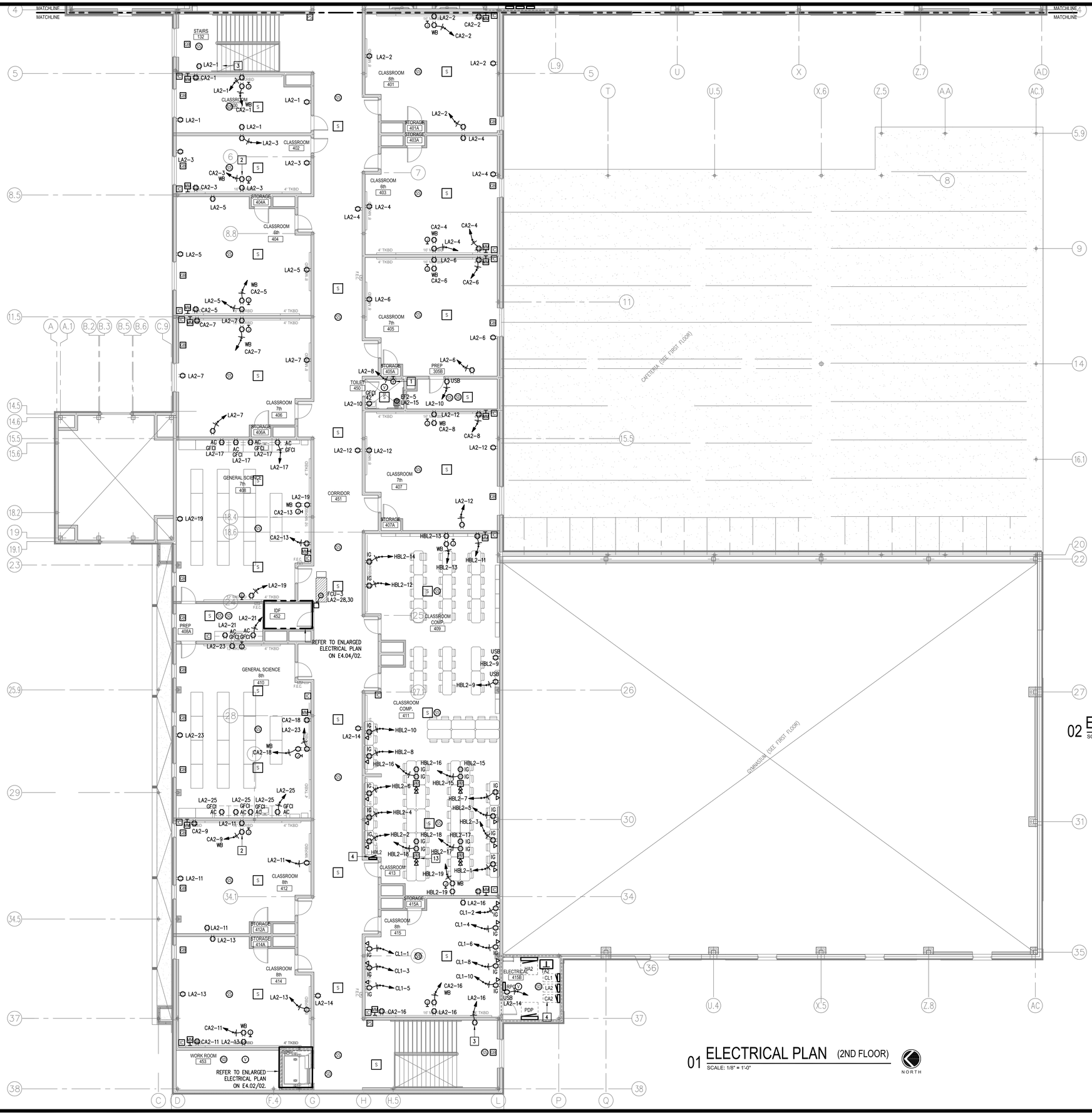
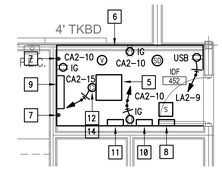
Gomez Mendez Saenz Inc.
Architects-Planners
Interior Designers

Date: May 10, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: ETHOS
Job No.: IDEA South McAllen Phase I
Sheet: E4.03



01 ELECTRICAL PLAN (2ND FLOOR)
SCALE: 1/8" = 1'-0"



02 ELECTRICAL PLAN (ENLARGED IDF ROOM 242)
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. PROVIDE BRANCH CIRCUITS 3/4" – 2#12 & #12G (U.N.O.).
2. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.
3. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" – 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100FT, THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.
4. ADD: HOMERUNS – INSTALL NO MORE THAN THREE PER RACEWAY (INCLUDING LIGHTING BRANCH CIRCUITS); 3 INSULATED "HOT", 3 INSULATED "NEUTRAL AND 1 SHARED "GROUND".
5. PROVIDE ALL ELECTRICAL RECEPTACLES INSTALLED WITH THE GROUND OPENING IN THE "UP" POSITION.
6. PROVIDE J-HOOKS TO SUPPORT THE FIRE ALARM, INTRUSION DETECTION, VOICE, INTERCOM AND DATA CABLING.
7. PROVIDE FIRE STOPPING AT ALL FIRE WALL PENETRATIONS; PROVIDE EXPANSION PLATES & BONDING JUMPERS AT BUILDING EXPANSION JOINTS.
8. PROVIDE EACH ISOLATED GROUND CIRCUIT HOMERUN WITH A "HOT", DEDICATED NEUTRAL, ISOLATED GROUND (IG) AND A SHARED MECHANICAL GROUND.
9. PROVIDE ISOLATED GROUND (IG) RECEPTACLES WITH 4 INSULATED CONDUCTORS, "HOT", NEUTRAL, ISOLATED GROUND (IG) AND EQUIPMENT GROUND THAT CONNECTS TO THE BOX ENCLOSURE. PROVIDE ISOLATED GROUND CONDUCTOR WITH A YELLOW TRACER.
10. THERE SHALL BE NO SPLICES IN THE ISOLATED GROUND (IG) FEEDING THE (IG) BUSS.
11. PROVIDE 1–2" RACEWAY (SLEEVE) 12" ABOVE CEILING AT ALL CLASSROOMS, RESTROOMS, OFFICES, ETC. DOORS THAT LEAD TO CORRIDORS (FLOOR TO CEILING WALLS) FOR SPECIAL SYSTEMS WIRING.
12. USE TAMPER RESISTANT RECEPTACLES THROUGHOUT.
13. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.

KEYED NOTES:

1. PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK B-750 (NO SUBSTITUTION). BRANCH CIRCUIT: 3/4" C 2#10 & #10G. MOUNT @ +40" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.
2. PROVIDE ELECTRICAL OUTLET FLUSH MOUNTED TO THE WALL ABOVE WHITE BOARD FOR PROJECTOR – TYPICAL. INSTALL OUTLET AND SPECIAL SYSTEMS J-BOX PER MANUFACTURERS PUBLISHED TEMPLATES – SEE DETAILS.
3. MOUNTING HEIGHT TO BE FROM TOP OF LANDING.
4. NO DUCTWORK OR PIPING TO BE ROUTED ABOVE ELECTRICAL GEAR. COORDINATE WITH OTHER TRADES – TYPICAL.
5. DATA RACK – PROVIDED BY OWNER.
6. PROVIDE 3/4" X 4', PLYWOOD TELEPHONE/DATA BOARD ON ALL WALLS. FIRE RESISTIVE TREATED (A-D INT-APA). MOUNT AT 24" AFF.
7. PROVIDE GROUND BUS BAR. REFER TO GROUNDING ELECTRICAL RISER DIAGRAM.
8. PROVIDE INTRUSION DETECTION SYSTEM POWER SUPPLY; BRANCH CIRCUIT: 1/2 – 2#12 & #12G.
9. PROVIDE 6"H X 6"D (WIDTH AS REQUIRED) SURFACE MOUNTED WIREWAY WITH HINGED COVER. ROUTE SPECIAL SYSTEMS RACEWAYS TO THIS LOCATION – SEE SITE PLAN AND DETAIL.
10. PROVIDE FIRE ALARM POWER SUPPLY, BRANCH CIRCUIT: 1/2" – 2–#12 & #12G.
11. PROVIDE INTERCOM SYSTEM SWITCHING MODULES WALL MOUNTED.
12. PROVIDE SPECIAL RECEPTACLE FOR IDF-UPS(NEMA L5-30P); BRANCH CIRCUIT: 3/4" – 2#10 & #10G.
13. CONNECT TELE-POWER POLE. TELE-POWER POLE SHALL BE HUBBELL DUAL COMPARTMENT MODEL #SP11001CCXCI. FURNISH WITH (2) IG DUPLEX RECEPTACLES AND (2) OUTLET SPACES FOR COMMUNICATIONS CONNECTORS – TYPICAL.
14. PENDANT MOUNTED SEE DETAIL, FIELD CONFIRM EXACT LOCATION WITH OWNER/IT SUBCONTRACTOR.

KEYPLAN

No.	REVISIONS	BY
1	MAY 18, 2018	
2 ADD	MAY 25, 2018	

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Date:	May 10, 2018
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Drawn By:	ETHOS
Job No.	IDEA South McAllen Phase I
Sheet:	E4.04

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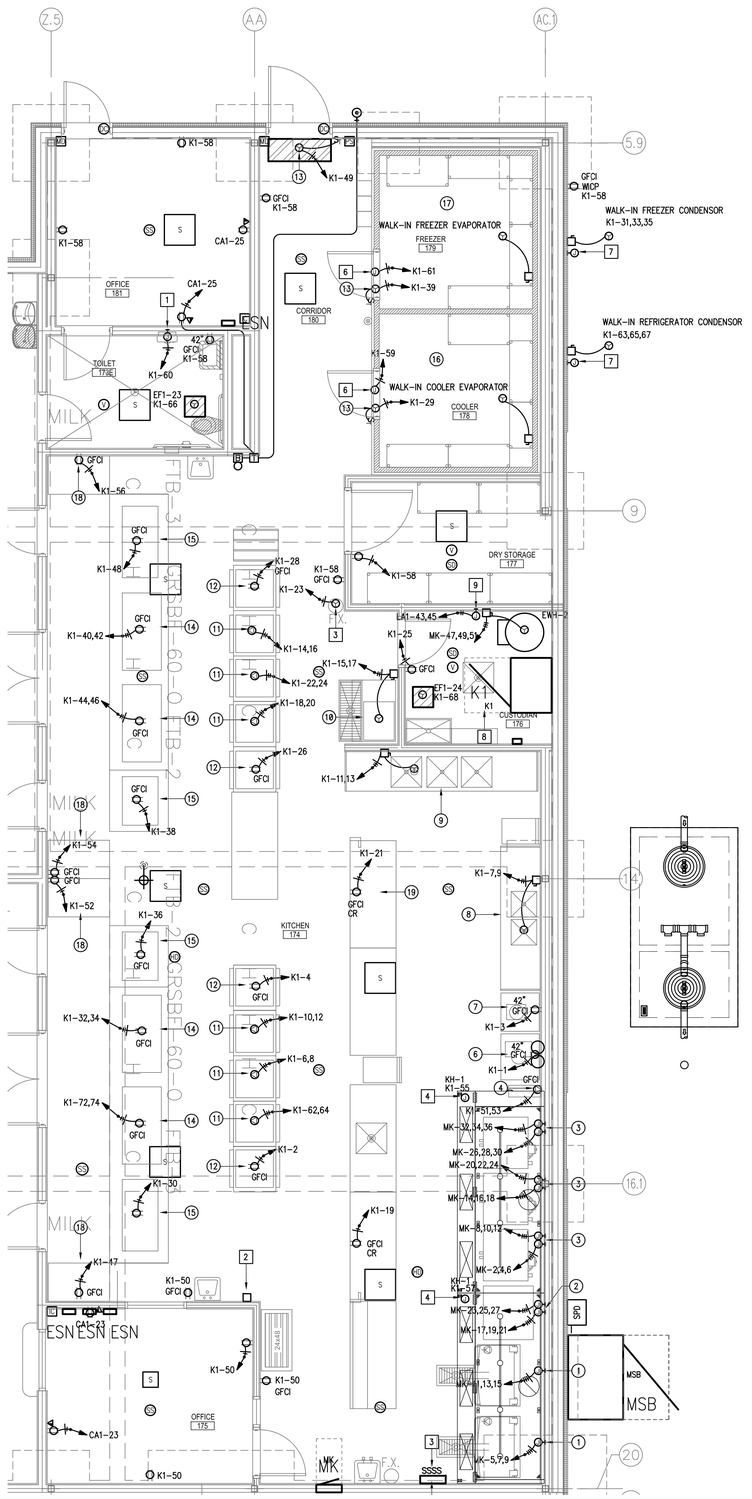
FOOD SERVICE EQUIPMENT CONNECTION SCHEDULE:

ITEM #	ITEM DESCRIPTION	LOAD	VOLTAGE	CONNECTION REQUIRED	BRANCH CIRCUIT
(1)	40 GAL. BRAISER (2)	12 KW	480V/3PH/60HZ	PROVIDE A HARDWIRE CONNECTION. INSTALL WALL MOUNTED AT 24"AFF.	3/4" – 4#12 & #12G
(2)	COMBI OVEN/STEAMER (1)	24 KW	480V/3PH/60HZ	PROVIDE J-BOX IN WALL AT 18"AFF BRANCH TO CONNECTION ON EQUIPMENT. FIELD COORDINATE MOUNTING HEIGHT.	3/4" – 4#8 & #10G
(3)	DBL. DECK CONV. OVEN (3)	12.5KW EA.	480V/3PH/60HZ TWO CONNECTIONS	PROVIDE (2) J-BOXES IN WALL AT (1)– 18"AFF & (1)– 36"AFF BRANCH TO CONNECTION ON EQUIPMENT. FIELD COORDINATE MOUNTING HEIGHT.	3/4" – 4#12 & #12G EACH
(4)	HOT WATER DISPENSER (1)	5KW	208V/1PH/60HZ	PROVIDE A L6–30R RECEPTACLE. INSTALL WALL MOUNTED.	3/4" – 3#10 & #10G
(5)	KITCHEN EXHAUST HOOD (2)	2HP KEF–1 1.5HP KSF–1	480V/3PH/60HZ 480V/3PH/60HZ	KEF–1 CONNECT TO INTEGRAL DISCONNECT KSF–1 CONNECT TO INTEGRAL DISCONNECT PROVIDE INTERLOCK WIRING BETWEEN FANS AND SUPPLY FAN AND CONTROLS PANELS. MAGNETIC STARTERS FURNISHED BY DIV. 23.	3/4" – 3#12 & #12G 3/4" – 3#12 & #12G
(6)	MEAT SLICER (1)	.6 KW	208V/1PH/60HZ	PROVIDE A 20A DUPLEX RECEPTACLE WALL MOUNTED.	3/4" – 3#12 & #12G
(7)	VEGGIE ROBOT COUPE (1)	.9 KW	120V/1PH/60HZ	PROVIDE A 20A DUPLEX RECEPTACLE WITH CORD REEL. INSTALL CEILING MOUNTED. SEE DETAIL.	3/4" – 2#12 & #12G
(8)	2–COMPARTMENT SINK W/DISPOSAL (1)	1.5HP	208V/3PH/60HZ	PROVIDE A 30A, 3PNF, 240V, NEMA 4X SS DISCONNECT. INSTALL AT 18"AFF. CONNECT SOLENOID VALVE AND CONTROL SWITCH.	3/4" – 3#12 & #12G
(9)	3–COMPARTMENT SINK W/DISPOSAL (1)	1.5HP	208V/3PH/60HZ	PROVIDE A 30A, 3PNF, 240V, NEMA 4X SS DISCONNECT. INSTALL AT 18"AFF. CONNECT SOLENOID VALVE AND CONTROL SWITCH.	3/4" – 3#12 & #12G
(10)	ICE MACHINE (1)	2.5KW	208V/1PH/60HZ	PROVIDE A 30A, 2PNF, 240V, NEMA 4X SS DISCONNECT. INSTALL WALL MOUNTED AT +48" A.F.F.	3/4" – 3#12 & #12G
(11)	HOT FOOD PASS THRU CABINET (6)	1.5KW	208V/1PH/60HZ	PROVIDE A L14–20R RECEPTACLE. INSTALL PENDANT MOUNTED. SEE DETAIL.	3/4" – 3#12 & #12G
(12)	PASS THRU REFRIGERATOR (4)	1.3KW	120V/1PH/60HZ	PROVIDE A 20A DUPLEX RECEPTACLE. INSTALL PENDANT MOUNTED. SEE DETAIL.	3/4" – 2#12 & #12G
(13)	AIR CURTAIN (3)	1.2KW	120V/1PH/60HZ	PROVIDE THERMAL SWITCH AT 8'–0"AFF.	3/4" – 2#12 & #12G
(14)	HOT FOOD SERVING UNIT (4)	.9KW	120V/1PH/60HZ	PROVIDE A 30A SPECIAL RECEPTACLE. INSTALL PEDESTAL MOUNTED. SEE DETAIL.	3/4" – 3#10 & #10G
(15)	FROST TOP SERVING UNIT (4)	6.7A	208V/1PH/60HZ	PROVIDE A 20A DUPLEX RECEPTACLE. INSTALL PEDESTAL MOUNTED. SEE DETAIL.	3/4" – 2#12 & #12G
(16)	WALK–IN REFRIGERATOR EVAPORATOR (1) WALK–IN REFRIGERATOR CONDENSER (1)	1.0A 8.3A	208V/1PH/60HZ 208V/3PH/60HZ	PROVIDE A 30A, 2PNF, 240V, NEMA 4X SS DISCONNECT. COORDINATE LOCATION WITH SUPPLIER. POWER AND CONTROL CIRCUIT OBTAINED FROM CONDENSER. PROVIDE A 30A, 3PNF, 240V, NEMA 4X SS DISCONNECT. INSTALL WALL MOUNTED. PROVIDE POWER AND CONTROL CIRCUIT TO EVAPORATOR.	3/4" – 2#12 & #12G 3/4" – 3#12 & #12G
(17)	WALK–IN FREEZER EVAPORATOR (1) WALK–IN FREEZER CONDENSER (1)	8.2A 14.8A	208V/1PH/60HZ 208V/3PH/60HZ	PROVIDE A 30A, 2PNF, 240V, NEMA 4X SS DISCONNECT. COORDINATE LOCATION WITH SUPPLIER. POWER AND CONTROL CIRCUIT OBTAINED FROM CONDENSER. PROVIDE A 30A, 3PNF, 240V, NEMA 4X SS DISCONNECT. INSTALL WALL MOUNTED. PROVIDE POWER AND CONTROL CIRCUIT TO EVAPORATOR.	3/4" – 2#12 & #12G 3/4" – 3#12 & #12G
(18)	MILK COOLER (2)	.6KW	120V/1PH/60HZ	PROVIDE 20A DUPLEX RECEPTACLE. INSTALL WALL MOUNTED. SEE DETAIL.	3/4" – 2#12 & #12G
(19)	CAN OPENER (2)	.2KW	120V/1PH/60HZ	PROVIDE 20A DUPLEX RECEPTACLE. INSTALL PENDANT MOUNTED. SEE DETAIL.	3/4" – 2#12 & #12G

NOTES:

1.) 48" AFF INDICATES TO TOP OF DEVICE;
18" AFF INDICATES TO TOP OF DEVICE;
ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE.
NOTE: VERIFY ELECTRICAL REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH–IN.



01 ELECTRICAL PLAN (ENLARGED KITCHEN ROOM 148)
SCALE: 1/4" = 1'–0"

NORTH

GENERAL NOTES:

1. HOMERUNS – INSTALL NO MORE THAN THREE PER RACEWAY (INCLUDING LIGHTING BRANCH CIRCUITS.
2. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.
3. ELECTRICAL BRANCH CIRCUIT HOMERUNS SHALL BE 3/4" – 2#12 & #12G. 20A/120V HOMERUNS EXCEEDING 100FT, THE WIRE SIZE SHALL BE #10 & #8 FOR 175'.
4. HOMERUNS – INSTALL NO MORE THAN THREE PER RACEWAY (INCLUDING LIGHTING BRANCH CIRCUITS); 3 INSULATED "HOT", 3 INSULATED "NEUTRAL AND 1 SHARED "GROUND". (ADD1)
5. PROVIDE ALL ELECTRICAL RECEPTACLES INSTALLED WITH THE GROUND OPENING IN THE "UP" POSITION.
6. PROVIDE J–HOOKS TO SUPPORT THE FIRE ALARM, INTRUSION DETECTION, VOICE, INTERCOM AND DATA CABLING.
7. PROVIDE FIRE STOPPING AT ALL FIRE WALL PENETRATIONS; PROVIDE EXPANSION PLATES & BONDING JUMPERS AT BUILDING EXPANSION JOINTS.
8. PROVIDE 1–2" RACEWAY (SLEEVE) 12" ABOVE CEILING AT ALL CLASSROOMS, RESTROOMS, OFFICES, ETC. DOORS THAT LEAD TO CORRIDORS (FLOOR TO CEILING WALLS) FOR SPECIAL SYSTEMS WIRING.
9. USE TAMPER RESISTANT RECEPTACLES THROUGHOUT.
10. EACH 20A/1P BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL.

KEYED NOTES:

1. PROVIDE INFRARED RECESSED MOUNTED HAND DRYER. HAND DRYER SHALL BE BOBRICK: B–750 (NO SUBSTITUTIONS). BRANCH CIRCUIT: 3/4" RACEWAY – 2#10 & #10G. MOUNT AT +48" A.F.F. (BOTTOM). VERIFY THE EXACT LOCATION WITH THE ARCHITECTURAL PLANS.
2. PROVIDE JUNCTION BOX FOR FIRE SUPPRESSION SYSTEM 120/1ø/10A ABOVE CEILING; BRANCH CIRCUIT: 3/4" – 2#12 & #12G. COORDINATE WITH FIRE SUPPRESSION SYSTEM CONTRACTOR FOR ALL REQUIREMENTS AND FINAL LOCATIONS. PROVIDE RECESSED MOUNTED OCTAGON J–BOX AND 3/4" RACEWAY FOR PULL STATION AT 48"AFF. FIRE SUPPRESSION SYSTEM IS TO BE INTERCONNECTED TO BUILDING FIRE ALARM SYSTEM.
3. TO CONTROL KITCHEN HOODS FANS AND LIGHTS.
4. CONNECT KITCHEN HOOD LIGHTS; BRANCH CIRCUIT: 3/4" – 2#12 & #12G.
5. CONNECT KITCHEN HOOD CONTROL PANEL.
6. CONNECT COOLER/FREEZER LIGHTS, DOOR HEATER AND PRESSURE RELIEF PORT; BRANCH CIRCUIT: 3/4" – 2#12 & #12G.
7. PROVIDE WEATHERPROOF J–BOX AND 3/4" RACEWAY WITH PULLWIRE BACK TO THE COOLER & FREEZER LOCATION. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
8. NO DUCTWORK OR PIPING TO BE ROUTED ABOVE ELECTRICAL GEAR. COORDINATE WITH OTHER TRADES – TYPICAL.
9. CONNECT HEAT TRACE CABLE; CONNECT VIA LIGHTING CONTROL PANEL.

No.	REVISIONS	BY
1	MAY 18, 2018	
ADD1	MAY 25, 2018	

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FUTURE PHASE II
KEYPLAN

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EQUIPMENT CONNECTION SCHEDULE:

DESIGN	HP/KW	FLA	MCA	MOCP	VOLTAGE	DISCONNECT	BRANCH CIRCUIT
RTU-A-(RM #)	–	–	13	15	480V/3PHASE	(1) NONE.	1/2" – 3#12 & #12G
RTU-B-(RM #)	–	–	18	20	480V/3PHASE	(1) NONE.	1/2" – 3#12 & #12G
RTU-C-(RM #)	–	–	18	20	480V/3PHASE	(1) NONE.	1/2" – 3#12 & #12G
RTU-D-(RM #)	–	–	104	110	480V/3PHASE	200A, 3PNF, 600V, NEMA 3R.	1.25" – 3#2 & #6G
RTU-E-(RM #)	–	–	26	30	480V/3PHASE	(1) NONE.	3/4" – 3#10 & #10G
RTU-F-(RM #)	–	–	23	25	480V/3PHASE	(1) NONE.	3/4" – 3#10 & #10G
RTU-G-(RM #)	–	–	104	110	480V/3PHASE	200A, 3PNF, 600V, NEMA 3R.	1.25" – 3#2 & #6G
RTU-H-(RM #)	–	–	49.8	50	480V/3PHASE	60A, 3PNF, 600V, NEMA 3R.	3/4" – 3#8 & #10G
RTU-0A1	–	–	64	80	480V/3PHASE	100A, 3PNF, 600V, NEMA 3R.	1.25" – 3#4 & #8G
RTU-0A2	–	–	64	80	480V/3PHASE	100A, 3PNF, 600V, NEMA 3R.	1.25" – 3#4 & #8G
RTU-0A3	–	–	64	80	480V/3PHASE	100A, 3PNF, 600V, NEMA 3R.	1.25" – 3#4 & #8G
RTU-0A4	–	–	64	80	480V/3PHASE	100A, 3PNF, 600V, NEMA 3R.	1.25" – 3#4 & #8G
RTU-0A5	–	–	45	60	480V/3PHASE	60A, 3PNF, 600V, NEMA 3R.	1" – 3#6 & #10G
FCU-1	1/2 HP	–	5	15	208V/1PHASE	30A, 2PNF, 240V, NEMA 1.	1/2" – 2#12 & #12G
ACCU-1	–	–	12.4	20	208V/1PHASE	30A, 2PNF, 240V, NEMA 3R.	1/2" – 2#12 & #12G
FCU-2	1/2 HP	–	5	15	208V/1PHASE	30A, 2PNF, 240V, NEMA 1.	1/2" – 2#12 & #12G
ACCU-2	–	–	12.4	20	208V/1PHASE	30A, 2PNF, 240V, NEMA 3R.	1/2" – 2#12 & #12G
FCU-3	1/2 HP	–	5	15	208V/1PHASE	30A, 2PNF, 240V, NEMA 1.	1/2" – 2#12 & #12G
ACCU-3	–	–	12.4	20	208V/1PHASE	30A, 2PNF, 240V, NEMA 3R.	1/2" – 2#12 & #12G
EWH-1	24 KW	28.9	–	40	480V/3PHASE	60A, 3PNF, 600V, NEMA 1.	3/4" – 3#8 & #10G
EWH-2	54 KW	64.9	–	80	480V/3PHASE	100A, 3PNF, 600V, NEMA 1.	1.25" – 3#4 & #8G
CP-1	1/12 HP	–	–	20	120V/1PHASE	(3) THERMAL SWITCH.	1/2" – 2#12 & #12G
TELESCOPIC BLEACHER	2-1/2 HP	5.4	–	20	208V/3PHASE	30A, 3PNF, 240V, S/N, NEMA 1.	1/2" – 4#12 & #12G
SUMP PUMP	1/3HP	7.2	–	20	120V/1PHASE	(3) THERMAL SWITCH.	1/2" – 2#12 & #12G
ELEVATOR	30 HP	41.0	50	100	480V/3PHASE	(2) BUSSMANN POWER MODULE SWITCH.	1.25" – 4#3 & #3G
ALTERNATE #4							
BP-1 (BOOSTER PUMP)	3 HP	9.6	–	30	480V/3PHASE	30A, 3PNF, 600V, NEMA 1.	3/4" – 3#10 & #10G

(1) MEANS OF DISCONNECT IS THE CIRCUIT BREAKER (WITHIN SIGHT).

(2) BUSSMAN: PS1, RATED FOR 100A, SHUNT TRIP, CONTROL POWER TRANSFORMER, FIRE SAFETY INTERFACE, KEY TO TEST SWITCH, PILOT LIGHT, MECHANICAL INTERLOCK AUXILIARY CONTACT, PHASE FAILURE/UNDER VOLTAGE RELAY, NEMA 1 ENCLOSURE.

(3) EATON MANUAL STARTER "MS" SERIES.

NOTE: LOCATE EQUIPMENT MEANS OF DISCONNECT WITHIN EQUIPMENT SIGHT. DO NOT INSTALL ON EQUIPMENT, BELOW DUCTWORK OR PLUMBING LINES.

EXHAUST FAN CONNECTION SCHEDULE:

DESIGNATION	HP/WATTS	FLA	VOLTAGE	CONNECTION FOR EACH	BRANCH CIRCUIT
EF1-1	190 W	1.6	120V/1PHASE	CONNECT AT CEILING. INTERLOCKING BY HVAC CONTROLS CONTR.	1/2" – 2#12 & #12G
EF1-2	190 W	1.6	120V/1PHASE	CONNECT AT CEILING. INTERLOCKING BY HVAC CONTROLS CONTR.	1/2" – 2#12 & #12G
EF1-3	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-4	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-5	54.5 W	0.5	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-6	57.3 W	0.5	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-7	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-8	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-9	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-10	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-11	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-12	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-13	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-14	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-15	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-16	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-17	195 W	0.2	120V/1PHASE	CONNECT AT CEILING. INTERLOCKING BY HVAC CONTROLS CONTR.	1/2" – 2#12 & #12G
EF1-18	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-19	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-20	195 W	0.2	120V/1PHASE	CONNECT AT CEILING. INTERLOCKING BY HVAC CONTROLS CONTR.	1/2" – 2#12 & #12G
EF1-21	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-22	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-23	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF1-24	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF2-1	195 W	1.6	120V/1PHASE	CONNECT AT CEILING. INTERLOCKING BY HVAC CONTROLS CONTR.	1/2" – 2#12 & #12G
EF2-2	195 W	1.6	120V/1PHASE	CONNECT AT CEILING. INTERLOCKING BY HVAC CONTROLS CONTR.	1/2" – 2#12 & #12G
EF2-3	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF2-4	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G
EF2-5	34.4 W	0.3	120V/1PHASE	CONNECT AT CEILING. SWITCH VIA OCCUPANCY SENSOR.	1/2" – 2#12 & #12G

LUMINAIRE SCHEDULE

CALLOUT	LAMP	DESCRIPTION	DRIVER	MOUNTING	MODEL	INPUT WATTS	VOLTS	NOTES	LUMENS
A2	LED	2'X4' LAY-IN INDIRECT TROFFER	0-10V	RECESSED	LITHONIA: 2BLT4 40L EZ1 LP840 LSI: LPASC24 LED 40L UNV DIM1 40 U	34	277V 1P 2W		4032
A2E	LED	2'X4' LAY-IN INDIRECT TROFFER	0-10V	RECESSED	LITHONIA: 2BLT4 40L EZ1 LP840 EL14L LSI:LPASC24 LED 40L UNV DIM1 40 EM U	34	120V 1P 2W 277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	4032
A3	LED	2'X4' LAY-IN INDIRECT TROFFER	0-10V	RECESSED	LITHONIA: 2BLT4 48L EZ1 LP840 LSI:LPASC24 LED 48L UNV DIM1 40 U	45	277V 1P 2W		5234
A3E	LED	2'X4' LAY-IN INDIRECT TROFFER	0-10V	RECESSED	LITHONIA: 2BLT4 48L EZ1 LP840 EL14L LSI:LPASC24 LED 48L UNV DIM1 40 EM U	45	277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	5234
B2	LED	2'X4' LAY-IN INDIRECT TROFFER	0-10V	RECESSED	LITHONIA: 2BLT4 40L EZ1 LP840 LSI: LPEC24 LED HO NW UE	34	277V 1P 2W	PROVIDE LAMPS CENTER MOUNTED.	4032
B2E	LED	2'X4' LAY-IN INDIRECT TROFFER	0-10V	RECESSED	LITHONIA: 2BLT4 40L EZ1 LP840 EL14L LSI: LPEC24 LED HO NW UE EM	34	277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	4032
C1	LED	6" LENSED DOWN LIGHT	0-10V	CEILING	LITHONIA: LDN6 35/05 L06AR 277 VANTAGE: A6VACLED 2 07 35 C601 SCL MD WHT	12	120V 1P 2W 277V 1P 2W		662
D2	LED	4' WRAPAROUND	0-10V	CHAIN/SURFACE	LITHONIA: SBL 40L EZ1 LP840 LSI: NA10 LED SS NW UE	32	277V 1P 2W		3994
D2E	LED	4' WRAPAROUND	0-10V	CHAIN/SURFACE	LITHONIA: SBL4 40L EZ1 EL14L LP840 LSI: NA10 LED SS NW UE EM	32	277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	3994
E1	INC.	EMERGENCY LIGHTING UNIT		WALL	LITHONIA: IND12100 W H5012S SEL ELA WG2M MULE: NM4 12 100 2 12V(SBH) SD NC TD	20	277V 1P 2W	PROVIDE WITH A WIREGUARD, SELF-DIAGNOSTICS, LOAD DISCONNECT, & TIME DELAY.	2950
F2E	LED	4' WRAPAROUND	0-10V	SURFACE	KENALL: MLHA8 48 F MW PP 45L40K DV LEL LUMINAIRE LED: VPF84-50W-4000K-120-277-CP-GRY-DIM-EMB310ST	45	277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	5072
F3	LED	24" X 48" SEALED LAY-IN TROFFER	0-10V	RECESSED	LITHONIA: 2GTL F4 48L FN PCL12187 SWL EZ1 ABC LP840 LSI: 2T GA24 LED SS NW UE TG PC187	47	277V 1P 2W	PROVIDE WITH .187" POLYCARBONATE DIFFUSER AND WITH AN ALUMINUM DOOR & ADDITIONAL GASKETING.	2950
F3E	LED	24" X 48" SEALED LAY-IN TROFFER	0-10V	RECESSED	LITHONIA: 2GTL F4 48L FN PCL12187 SWL EZ1 EL14L ABC LP840 LSI: 2T GA24 LED SS NW UE TG EM PC187	47	277V 1P 2W	PROVIDE WITH .187" POLYCARBONATE DIFFUSER AND WITH AN ALUMINUM DOOR & ADDITIONAL GASKETING.	2950
ADD FP	LED	FLOOD LIGHT	0-10V	SURFACE	LITHONIA: DSXF1 LED-2-A530/40K-MFL-MVOLT-DSXF1/2TS-AFTM-AFTMB LSI: XFLM NF LED 28 HO NW UE PLP	37	277V 1P 2W	PROVIDE FIXTURE U.L. LISTED FOR WET LOCATION WITH TENON AND BULLHORN. STANDARD COLOR FINISH TO BE SELECTED AT A LATER DATE.	5334
G2	LED	2'X4' FLANGED TROFFER	0-10V	RECESSED	LITHONIA: 2GLT F 4 40L GZ1 LP840 LSI: GA24 LED SS NW UE FK24	39	277V 1P 2W		4290
G2E	LED	2'X4' FLANGED TROFFER	0-10V	RECESSED	LITHONIA: 2GLT F 4 40L GZ1 LP840 EL14L LSI: GA24 LED SS NW UE EM FK24	39	277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	4290
H3	LED	24" X 48" HIGH BAY	0-10V	SURFACE	LITHONIA: IBH 15000LM SEF PFL GND MVOLT OZ10 40K 80CRI DWH GE: ABV2 0 18 T 48 9D Q V ST K Q W	137	277V 1P 2W	PROVIDE WITH A .125 POLYCARB LENS AND A WIRE GUARD.	4290
H3E	LED	24" X 48" HIGH BAY	0-10V	SURFACE	LITHONIA: IBH 15000LM SEF PFL GND MVOLT OZ10 40K 80CRI PS10250 DWH GE: ABV2 0 18 T 48 9D Q V ST K Q W EL5	137	277V 1P 2W	PROVIDE WITH A .125 POLYCARB LENS AND A WIRE GUARD.	14218
H4	LED	24" X 48" HIGH BAY	0-10V	SURFACE	LITHONIA: IBH 15000LM SEF PFL GND MVOLT OZ10 40K 80CRI DWH WGIBG24 GE: ABV2 0 18 T 48 9D Q V ST K Q W	137	277V 1P 2W	PROVIDE WITH A .125 POLYCARB LENS AND A WIRE GUARD.	14218
H6	LED	24" X 48" HIGH BAY	0-10V	SURFACE	LITHONIA: IBH 24000LM SEF PFL GND MVOLT OZ10 40K 80CRI DWH WGIBG24 GE: ABV2 0 24 T 48 9D Q V ST K Q W	137	277V 1P 2W	PROVIDE WITH A .125 POLYCARB LENS AND A WIRE GUARD.	23643
J2E	LED	8' LINEAR	0-10V	RECESSED	FINELITE: HP4R-H-80-40-F-277V-SC-VF FORCAST: SRT-44-FG-95-40K-8-UNV-WH-EMLED	56	277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	5808
K1	(2) XENON	EMERGENCY LIGHTING UNIT		WALL	LITHONIA: AFN _ X PREM MULE LIGHTING: MAKO-3 X SD	2	277V 1P 2W	PROVIDE WITH A NI-CAD BATTERY PACK & SELF DIAGNOSTICS. STANDARD FINISH TO BE SELECTED AT A LATER DATE.	0
L2	LED	WALL BRACKET	0-10V	WALL	LITHONIA, WL4 40L SLD LP840 LSI: W44 4 HO NW UE	40	277V 1P 2W		2950
L2E	LED	WALL BRACKET	0-10V	WALL	LITHONIA, WL4 40L SLD LP840 EL7L LSI: W44 4 HO NW UE EM	40	120V 1P 2W 277V 1P 2W	PROVIDE WITH AN EMERGENCY BATTERY PACK.	2950
M	LED	WALLPACK	0-10V	SURFACE	LITHONIA: WSR LED 1 10A700/40K SR4 MVOLT X RAYON: T650LED DL 30 UN112 40 WT	22	277V 1P 2W	PROVIDE UL LISTED FOR WET LOCATIONS. PROVIDE UL LISTED FOR WET LOCATIONS AND WITH AN EMERGENCY BATTERY PACK. STANDARD COLOR FINISH	2655
ME	LED	WALLPACK	0-10V	SURFACE	LITHONIA: WSR LED 1 10A700/40K SR4 MVOLT ELCW X RAYON: T650LED DL 30 UN112 40 WT EM	22	277V 1P 2W	PROVIDE UL LISTED FOR WET LOCATIONS AND WITH AN EMERGENCY BATTERY PACK. STANDARD COLOR FINISH TO BE SELECTED AT A LATER DATE.	2655
N	LED	WALLPACK	0-10V	SURFACE	LITHONIA: WSR LED 2 10A700/40K SR4 MVOLT X RAYON: T650LED DL 45 UN112 40 WT MTO	45	277V 1P 2W	PROVIDE UL LISTED FOR WET LOCATIONS. STANDARD COLOR FINISH TO BE SELECTED AT A LATER DATE.	3404
P1	LED	ARCHITECTURAL AREA LUMINAIRE	0-10V	POLE	LITHONIA: DSX1 LED 60C 1000 40K T5W 480 RPA PIRH/ KW: RTAP308.0-7-X-DMX-BC-VD LSI: XALM-5W-LED-HO-40-UE	209	480V 2P 2W	PROVIDE FIXTURE UL LISTED FOR WET LOCATIONS AND WITH A MOTION SENSOR. POLE SHALL BE 30 FOOT ROUND TAPERED ALUMINUM (CUT TO 27') & RATED FOR 137MPH WINDS. PROVIDE POLE WITH A VIBRATION DAMPER. STANDARD COLOR FINISH TO BE SELECTED AT A LATER DATE.	25014
P2	LED	ARCHITECTURAL AREA LUMINAIRE	0-10V	POLE	LITHONIA: DSX1 LED 60C 1000 40K T3M 480 RPA PIRH/ KW: RTAP308.0-7-X-DMX-BC-VD LSI:XALM 3 LED HO 40 UE	209	480V 2P 2W	PROVIDE FIXTURE UL LISTED FOR WET LOCATIONS AND WITH A MOTION SENSOR. POLE SHALL BE 30 FOOT ROUND TAPERED ALUMINUM (CUT TO 27') & RATED FOR 137MPH WINDS. PROVIDE POLE WITH A VIBRATION DAMPER. STANDARD COLOR FINISH TO BE SELECTED AT A LATER DATE.	20295
Q	(1)	DECORATIVE PENDANT	0-10V	PENDANT	TO BE SELECTED AT A LATER DATE.	290	277V 1P 2W	PROVIDE AN ALLOWANCE OF $12,000 FOR THE PURCHASE OF THIS FIXTURE.	29580
R	LED	4" LINEAR LUMINAIRE	0-10V	RECESSED	FINELITE: HP-4 R-4'-B-840-F-277-SC-VF CORONET: LRS4-4-4-40-LTG1-UNV-DB-E-NT-SD	19	120V 1P 2W		1916
S	LED	SURFACE CORNER MOUNT	DRIVER	SURFACE	KENALL: MLHA8-48-R-LG-PP-45L40K-DCC-277-CMB	45	277V 1P 2W	PROVIDE CORNER MOUNT BRACKET.	0
X1	LED	SINGLE SIDED EXIT SIGN		WALL/CEILING	BEGHELLI: FTZ-SA-LR1-UWW MULE LIGHTING: WLCX-1-R-W-U-SD	3	277V 1P 2W	PROVIDE WITH A UNIVERSAL MOUNTING CANOPY, LIGHT EMITTING DIODES, & A NI-CAD BATTERY PACK.	0
X2	LED	DOUBLE SIDED EXIT SIGN		WALL/CEILING	BEGHELLI: FTZ-SA-LR2-UWW MULE LIGHTING: WLCX-2-R-W-U-SD	5	277V 1P 2W	PROVIDE WITH A UNIVERSAL MOUNTING CANOPY, LIGHT EMITTING DIODES, & A NI-CAD BATTERY PACK.	0

GENERAL NOTES:
1. OTHER LIGHT FIXTURE AND BALLAST MANUFACTURERS THAN THOSE LISTED ON THIS SCHEDULE ARE REQUIRED TO OBTAIN PRIOR APPROVAL BY SUBMITTING CUT SHEETS OF THEIR SUBSTITUTIONS AT LEAST (10) DAYS PRIOR TO BID. CUT SHEETS SHALL INDICATE/HIGHLIGHT PHOTOMETRIC CURVE, EFFICIENCY & CONSTRUCTION FOR DIRECT COMPARISON WITH SPECIFIED FIXTURES AND BALLAST.
2. EXTRA MATERIALS: SEE SPECIFCATIONS.
3. EMERGENCY BATTERY PACKS SHALL BE COMPLETE FACTORY INSTALLED WITH NI-CAD BATTERY, CHARGER INDICATING LIGHT, ELECTRONIC CIRCUITRY, 1400 LUMENS OUTPUT, 90 MINUTES DURATION & FIVE FULL YEARS WARRANTY.
4. FURNISH ALL 2' X 4' LAY-IN LIGHT FIXTURES WITH INTEGRAL CEILING CLIPS.

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TEXAS REGISTERED
ENGINEERING FIRM
F-15998

No.	REVISIONS	BY
1	MAY 18, 2018	
ADD 1	MAY 25, 2018	

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IDEA Public Schools

STATE OF TEXAS
RAY PEYNADO
125390
LICENSED
PROFESSIONAL ENGINEER
5/10/2018

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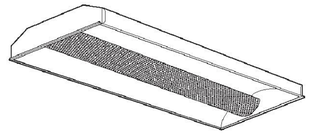
Gomez Mendez Saenz Inc.
Architects-Planners
Interior Designers

Date: May 10, 2018
Scale: As Noted
Project Architect: David Monreal, AIA
Drawn By: ETHOS
Job No.: IDEA South McAllen Phase I
Sheet: E6.01

01 TYPE A2, A2E, A3, A3E, A4, F3, G2 (ADD)
SCALE : NOT TO SCALE (ADD)



02 TYPE B2, B3, B4
SCALE : NOT TO SCALE

03 TYPE C1
SCALE : NOT TO SCALE

04 TYPE D2, D2E (ADD)
SCALE : NOT TO SCALE

05 TYPE E1
SCALE : NOT TO SCALE

06 TYPE F2E
SCALE : NOT TO SCALE

07 TYPE FP
SCALE : NOT TO SCALE

08 TYPE H3, H3E, H4, H6
SCALE : NOT TO SCALE

09 TYPE G3, G3E (ADD)
SCALE : NOT TO SCALE

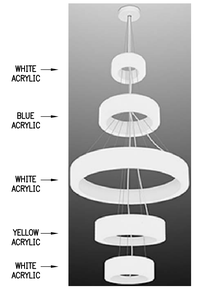
10 TYPE J2E (ADD)
SCALE : NOT TO SCALE

11 TYPE K1
SCALE : NOT TO SCALE

12 TYPE L2, L2E (ADD)
SCALE : NOT TO SCALE

13 TYPE M, ME, N (ADD)
SCALE : NOT TO SCALE

14 TYPE P1 & P2
SCALE : NOT TO SCALE

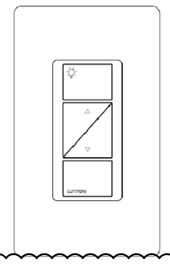


15 TYPE Q
SCALE : NOT TO SCALE

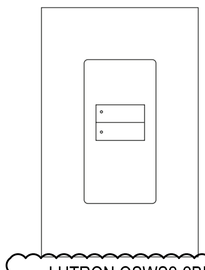
16 TYPE R
SCALE : NOT TO SCALE

17 TYPE S
SCALE : NOT TO SCALE

18 TYPE X1, X2
SCALE : NOT TO SCALE



19 LUTRON PX-2BRL DIMMING WALLSTATION (ADD)
SCALE : NOT TO SCALE



20 LUTRON QSWS2-2BI WALLSTATION (ADD)
SCALE : NOT TO SCALE

21 ACUITY CH1 DIGITAL SWITCH (ADD)
SCALE : NOT TO SCALE

22 LUTRON QSWS2-2BRLI WALLSTATION (ADD)
SCALE : NOT TO SCALE

23 LUTRON QSWS2-5BRLI WALLSTATION (ADD)
SCALE : NOT TO SCALE

24 LUTRON QSWS2-KISI3MOC KEYED WALLSTATION (ADD)
SCALE : NOT TO SCALE

25 LUTRON SENSOR
SCALE : NOT TO SCALE

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