CITY OF HOUSTON

INVITATION TO BID

Issued: *April 18,* 2014

Bid Opening:
Sealed bids, in duplicate, will be received by the City Secretary of the City of Houston, in the City Hall Annex, Public Level, 900 Bagby, Houston, Texas 77002 until **10:30 A.M.** Thursday, ***May 15*, 2014,** and all bids will be opened and publicly read in the City Council Chamber, City Hall Annex, Public Level, 900 Bagby at 11:00 A.M. on that date for the purchase of:

INSTALLATION OF AUTOMATIC ENTRY DOOR OPENERS
FOR THE GENERAL SERVICES DEPARTMENT
Bid No. S50-C24982
NIGP Codes: 150-20/906-38

Buyer:
Questions regarding this solicitation should be addressed to Arturo Lopez, Senior Procurement Specialist**, at 832-393-8731or e-mail to arturo.lopez@houstontx.gov.**

Electronic Bidding:
In order to submit a bid for the items associated with this procurement, you must fill in the pricing information on the "**PLACE BID"** page.

Prebid Conference:
A Pre-Bid Conference will be held for all Prospective Bidders in the Strategic Purchasing Division, Concourse Level (Basement), Conference Room #1, City Hall, 901 Bagby, at ***10:00 a.m. on Wednesday, May 7, 2014. The site visits will be scheduled at the pre-bid conference.***

All Prospective Bidders are urged to be present. It is the bidder's responsibility to ensure that they have secured and thoroughly reviewed all aspects of the solicitation documents prior to the Pre-Bid Conference. Any revisions to be incorporated into this solicitation document arising from discussions before, during and subsequent to the Pre-Bid Conference will be confirmed in writing by Letter(s) of Clarification prior to the bid due date. Verbal responses will not otherwise alter the specifications, terms and conditions as stated herein.

Bidding forms, specifications, and all necessary information should be downloaded from the Internet at www.houstontx.gov/purchasing/index.html. By registering and downloading this solicitation document, all updates to this solicitation document will be automatically forwarded via e-mail to any registered bidders. This information may also be obtained from the Supplier Assistance Desk, Strategic Purchasing Division, 901 Bagby, Concourse Level, Houston, Texas 77002.

The place of the bid opening may be transferred in accordance with Paragraph (b), (5) of Section 15-3 of The Code of Ordinances, Houston, Texas. The bid-opening meeting may be rescheduled in accordance with Paragraph (b), (6) of said Section 15-3.

The City reserves the right to reject any or all bids, or to accept any bid or combination of bids deemed advantageous to it.

City employees are prohibited from bidding on this solicitation in accordance with the Code of Ordinances Section 15-1.

*__CONTENTS__:

A. OFFER
B. SCOPE OF WORK/SPECIFICATIONS
C. GENERAL, SUPPLEMENTARY CONDITIONS AND BOND FORMS

*NOTE 1: Actual page numbers for each section may change when the solicitation document is downloaded from the Internet or because of letters of clarification. Therefore, bidders must read the solicitation document in its entirety and comply with all the requirements set forth therein.

***NOTE 2: To be considered for award please submit the electronic bid form and the forms listed in section A, including the signature page, which must be signed by a company official authorized to bind the company and a 10% Bid Bond.**

SECTION A

FORMAL ONE-TIME BID
INSTALLATION OF AUTOMATIC ENTRY DOOR OPENERS
FOR THE GENERAL SERVICES DEPARTMENT
Bid No. S50-C24982
NIGP Codes: 150-20/906-38

To The Honorable Mayor
and City Council Members
of the City of Houston, Texas (the "City"):

The undersigned hereby offers to provide services necessary to **Furnish and Install Automatic Entry Door Openers Citywide for the General Services Department on behalf of the Health and Human Services Department.** F.O.B. destination point Houston, Texas, in accordance with the City's Specifications and General Terms & Conditions and/or samples/drawings provided herein. When issued by the City of Houston, Letters of Clarification shall automatically become part of this bid document and shall supersede any previous specifications or provisions in conflict with Letters of Clarification. It is the responsibility of the bidder to ensure that it has obtained all such letters. By submitting a bid on this project, bidder shall be deemed to have received all Letters of Clarification and to have incorporated them into the bid.

The City may accept this bid offer by issuance of a Notice of Award Letter and/or a Purchase Order at any time on or before the 120th day following the day this Official Bid Form is opened by the City. This offer shall be irrevocable for 120 days after bid opening or for 90 days after City Council awards the bid, whichever comes last, but this period may be extended by written agreement of the parties.

The City reserves the option, after bids are opened, to adjust the quantities listed on the electronic bid form upward or downward, subject to the availability of funds, and/or make award (s) on a line item basis.

SECTION A

Documents/forms must be downloaded from the City's Website
http://www.houstontx.gov/purchasing/index.html

Additional Required Forms to be Included with this bid:

In addition to the electronic Bid Form and the Official Signature Page, the Forms listed in Table 1 **must be completed and submitted to the Office of the City Secretary on or before the date and time the bid is due:**

Table 1
Affidavit of Ownership
Fair Campaign Ordinance
Statement of Residence
Conflict of Interest Questionnaire
Pay or Play Contract Compliance Acknowledgement Form 1a
Contractor References
10% Bid Bond

Table 2 lists other documents and forms that should be viewed/downloaded from the City's website, but are not required to be submitted with the bid. The City will request these forms, as applicable, to be completed and submitted to the City by the recommended/successful bidder:

Table 2
Formal Instructions for Bid Terms
Drug Forms
Insurance Certificates Over $50,000.00 / Insurance Endorsements
OCP Insurance Certificate Over $100,000.00
Pay or Play Form 2 / Certification of Agreement to Comply
Pay or Play Form 3 / List of Subcontractors
Performance, Maintenance and Statutory Payment Bonds
2014 Davis-Bacon Federal Building Construction Wage Decision

Note:

1. Questions concerning the Bid should be submitted in writing to: City of Houston, Strategic Purchasing Division, 901 Bagby, Room B506, Houston, TX 77002, Attn: Arturo Lopez or via fax: 832-393-8759 or via email (preferred method) to arturo.lopez@cityofhouston.net no later than ***4:00 PM, Monday, May 12, 2014.***

2. Although it is the intent of the City to award one contract as results of this invitation to bid, the City reserves the right to award by line item/group.

PERMITS:
Successful Contractor shall be responsible for securing any and all permits for proposed work. Any fee charged for these permits should be the responsibility of the Contractor and not the City of Houston.

CITY BUILDING CODES:
All work performed or equipment installed shall be in strict accordance with the City of Houston Building Codes. The Contractor will immediately correct any deficiencies discovered during work or after completion. Failure to correct deficiencies will result in the City having corrections made at the Contractor's expense.

BID BOND:
The bidder shall be required to provide and submit with its bid a Bid Bond in the amount of 10% of the total amount. The Bid Bond shall be in the same form as that distributed by the City, and attached hereto, all duly executed by this Bidder (as "Principal") and by a corporate surety company licensed to do business in the State of Texas, and if the amount of the bond is greater than $100,000.00 the surety must hold a certificate of authority from the United States Secretary of the Treasury, or a Cashier's or a Certified check in a like amount. Company or personal checks are not acceptable.

PERFORMANCE BOND and PAYMENT BOND:
The successful Contractor(s) shall be required to provide a Performance and Payment Bond in the total amount (100%) of the Contract, if the award is in excess of $25,000.00.

The Performance and/or Payment Bond shall be in the same form as that distributed by the City, and attached hereto, all duly executed by this bidder (as "Principal") and by an incorporated surety company licensed to do business in the State of Texas. If the amount of the bond is greater than $100,000.00 the surety must hold a certificate of authority from the United States Secretary of the Treasury.

The Contractor(s) shall be required to provide a Performance and/or Payment Bond as outlined above, which will be delivered to the City Purchasing Agent of the City, on or before the tenth (10th) day following the day the bidder receives notice from the City.

MAINTENANCE BOND:
The Contractor shall furnish a maintenance bond in the total (100%) bid amount in the form required by the City (samples attached). One bond, also referred to as the One Year Maintenance Bond, will be conditioned upon Contractor's repair, replacement or restoration of any work or any portion of the work which is found to be defective or fails in any way to comply strictly with this contract or the plans and specifications for such work within a period of one (1) year from the date of acceptance of such work by the City Council or after the date that the "CO", or its designee in writing, determines, in a written notice to the Contractor, to be the date upon which the project is both substantially complete and available for the full and beneficial occupancy or use of the City.

QUALITY AND WORKMANSHIP:
The bidder must be able to demonstrate upon request that it has performed satisfactorily, services similar to the services specified herein. The bidder will provide records of warranty and repair services performed for others upon request. The City of Houston shall be the sole judge whether the services performed are similar to the scope of services specified herein.

SITE INSPECTION:
The City of Houston reserves the right to inspect the bidder's current place of business to evaluate equipment condition and capabilities, staff experience, training and capabilities, and storage capabilities as they relate to the performance of this contract.

PROTEST:
A protest shall comply with and be resolved, according to the City of Houston Procurement Manual ***http://purchasing.houstontx.gov/docs/Procurement_Manual.pdf*** and rules adopted thereunder. Protests shall be submitted in writing and filed with both, the City Attorney and the Solicitation contact person. A pre-award protest of the ITB shall be received five (5) days prior to the solicitation due date and a post-award protest shall be filed within five (5) days after City Council approval of the contract award.

A protest shall include the following:

- The name, address, e-mail, and telephone number of the protester;
- The signature of the protester or its representative who has the delegated authority to legally bind its company;
- Identification of the ITB description and the ITB or contract number;
- A detailed written statement of the legal and factual grounds of the protest, including copies of relevant documents, etc.; and
- The desired form of relief or outcome, which the protester is seeking

INTERLOCAL AGREEMENTS:
Under the same terms and conditions hereunder, the Contract may be expanded to other government entities through inter-local agreements between the City of Houston and the respective government entity that encompass all or part of the products/services provided under this contract. Separate contracts will be drawn to reflect the needs of each participating entity.

NO CONTACT PERIOD
Neither bidder(s) nor any person acting on bidder(s)'s behalf shall attempt to influence the outcome of the award by the offer, presentation or promise of gratuities, favors, or anything of value to any appointed or elected official or employee of the City of Houston, their families or staff members. All inquiries regarding the solicitation are to be directed to the designated City Representative identified on the first page of the solicitation. Upon issuance of the solicitation through the pre-award phase and up to the date the City Secretary publicly posts notice of any City Council agenda containing the applicable award, aside from bidder's formal response to the solicitation, through the pre-award phase, written requests for clarification during the period officially designated for such purpose by the City Representative, neither bidder(s) nor persons acting on their behalf shall communicate with any appointed or elected official or employee of the City of Houston, their families or staff through written or oral means in an attempt to persuade or influence the outcome of the award or to obtain or deliver information intended to or which could reasonably result in an advantage to any bidder. However, nothing in this paragraph shall prevent a bidder from making public statements to the City Council convened for a regularly scheduled session after the official selection has been made and placed on the City Council agenda for action, *or to a City Council committee convened to discuss a recommendation regarding the solicitation.*

CONTRACTOR'S QUESTIONNAIRE:

In order to receive bid award consideration, the bidder must be able to demonstrate that they are currently providing or have had at least one contract, ***to install automatic entry door openers*** that is similar in size and scope to this contract. **Bidder must have references documenting that it has installed automatic entry door openers that is similar in size and scope to this construction project.** The reference(s) should be included in the space provided below. Please attach another piece of paper if necessary. If references are not included with the bid, the bidder shall be required to provide such references to the City of Houston within five working days from receipt of a written request from the City of Houston to do so. **Bidder's capability and experience shall be a factor in determining the Contractor's responsibility.**

1. Business Name: _____

Business Address: _____

City, State, Zip: _____

Name of Owner/Contact Person: _____

Phone: _____ Fax: _____Email:_____

No. of Years providing Service to this business: _____

2. Business Name: _____

Business Address: _____

City, State, Zip: _____

Name of Owner/Contact Person: _____

Phone: _____Fax:_____ Email:_____

No. of Years providing Service to this business: _____

3. Business Name: _____

Business Address: _____

City, State, Zip: _____

Name of Owner/Contact Person: _____

Phone: _____Fax:_____ Email:_____

No. of Years providing Service to this business: _____

4. Business Name: _____

Business Address: _____

City, State, Zip: _____

Name of Owner/Contact Person: _____

Phone: _____Fax:_____ Email:_____

No. of Years providing Service to this business: _____

Revised 12/2013

CITY OF HOUSTON
HOUSING AND
COMMUNITY
DEVELOPMENT

Request For Contractor/Subcontractor Clearance

Date:_____

HUD Project No.: _____

Project Name & Address: _____

Name of Contractor: _____

Federal ID Number: _____

Address: _____
(Include Zip Code)
Telephone Number: _____

Sole Proprietorship: _____
(List Sole Owner)

Partnership: _____
(List All Partners)
_____

Corporation: _____
(Names of All Principals)
and their Titles: _____

_____

Contract Compliance Supervisor
Compliance & Monitoring Division
City of Houston, Housing and Community Development Department
601 Sawyer St., 4th Floor
Houston, TX 77007
Phone: (713) 865-4291
Fax: (713) 868-8366

Approved: _____ Date: _____
Laura Serrano, Contract Compliance Supervisor

FC-22

A PDF version of the Request for Contractor/Subcontractor Clearance can be viewed on the following web link
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

SECTION B

SCOPE OF WORK

PART I

1.0 GENERAL SUMMARY:

1.1 The Contractor shall be required to provide all equipment, materials, tools, labor, supervision and transportation necessary to furnish and install automatic entry door openers at the locations listed below. The scope of work includes, but is not limited to the installation of electrically operated door openers, actuators, bollards (as required) and minor repairs to restore affected areas of work to their original condition at the locations stated in 1.2 below in strict accordance with the technical specifications and structural drawings stated/referenced herein.

1.2 List of Locations:

1.2.1 Southwest Multi-Service Center, 6400 High Star, Houston, TX 77074 (531E)

1.2.2 Northeast Multi-Service Center, 9720 Spaulding, Houston, TX 77016 (454D)

1.2.3 La Nueva Casa De Amigos Health Center, 1809 North Main, Houston, TX 77009 (493G)

1.2.4 Northside Health Center, 8504 Schuller, Houston, TX 77093 (454E)

1.2.5 Magnolia Multi-Service/Health Center, 7037 Capitol St., Houston, TX 77011 (494Z)

1.2.6 Fifth Ward Multi-Service Center, 4014 Market St., Houston, TX 77020 (494F)

** Key map locations*

2.0 PERFORMANCE TIME:

2.1 The Contractor shall have ***75 calendar days*** to order all supplies/equipment and complete all the work associated with and required by the contract after receipt of the written Notice to Proceed from the City.

3.0 WARRANTY:

3.1 The Contractor shall warranty all materials, equipment and workmanship for ***one-year.***

4.0 SPECIFIED EQUIPMENT OR EQUIVALENT:

4.1 Wherever in the specifications any materials or processes are indicated or specified by patent of proprietary name and/or by name of manufacturer, such specifications shall be deemed to be used for the purpose of facilitating descriptions of the performance, materials and/or processes desired and shall be deemed to be followed by the words, "or equivalent", if not so stated in the specifications herein.

4.2 The burden of proof shall rest with the bidder, in the course of a technical evaluation, to

prove that the proposed item(s) are equivalent to the performance, materials, processes, or articles specified. DETERMINATION AS TO WHETHER THE ITEM (S) BID IS (ARE) EQUIVALENT TO THOSE SPECIFIED SHALL REST SOLELY WITH THE CITY PURCHASING AGENT AND THE RECEIVING DEPARTMENT.

5.0 BRAND NAME OR TRADE NAME:

5.1 Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing the general quality level, design and performance desired. Such references are not intended to limit or restrict bidding by other Contractors/Suppliers, but are intended to approximate the quality design or performance that is desired. Any bid that proposes like quality, design or performance, will be considered. Equivalent products will be considered, provided a complete description and product literature is provided. Unless a specific exception is made, the assumption will be that the item bid is exactly as specified on the Invitation to Bid.

TECHNICAL SPECIFICATIONS/STRUCTURAL DRAWINGS

PART II

A PDF version of the Technical Specifications/Structural drawings can be viewed on the following web link
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

CITY OF HOUSTON

GENERAL SERVICES DEPARTMENT

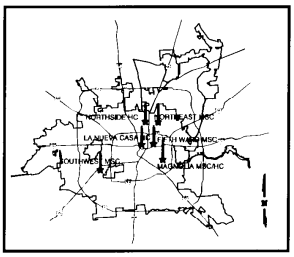
AUTOMATIC ENTRY DOOR OPERATORS - CDBG

MULTIPLE HEALTH AND MULTI-SERVICE CENTERS

WBS No. H-000102-0003-4

3/10/2014

FIFTH WARD MULTI-SERVICE CENTER
LA NUEVA CASA DE AMIGOS HEALTH CENTER
MAGNOLIA MULTI-SERVICE/HEALTH CENTER
NORTHEAST MULTI-SERVICE CENTER
NORTHSIDE HEALTH CENTER
SOUTHWEST MULTI-SERVICE CENTER



LOCATIONS MAP

MAYOR
ANNISE D. PARKER

CONTROLLER
RONALD C. GREEN

DISTRICT COUNCIL MEMBERS

BRENDA STARDIG DISTRICT A
JERRY DAVIS DISTRICT B
ELLEN R. COHEN DISTRICT C
DWIGHT BOYKINS DISTRICT D
DAVID MARTIN DISTRICT E
RICHARD NGUYEN DISTRICT F
OLIVER PENNINGTON DISTRICT G
EDWARD GONZALEZ DISTRICT H
RICHARD GALLEGOS DISTRICT I
MIKE LASTER DISTRICT J
LARRY V. GREEN DISTRICT K

AT-LARGE COUNCIL MEMBERS

STEPHEN C. COSTELLO POSITION 1
DAVID ROBINSON POSITION 2
MICHAEL KUBOSH POSITION 3
C.O. "BRAD" BRADFORD POSITION 4
JACK CHRISTIE POSITION 5

STEPHEN L. WILLIAMS
DIRECTOR, HEALTH AND HUMAN SERVICES DEPARTMENT

English + Associates Architects, Inc.

CONTRACTING AUTHORITY
FOR THE
CITY OF HOUSTON:

GENERAL SERVICES DEPARTMENT
SCOTT MINNIX, DIRECTOR

CITY DWG. No: _____
SHEET No. 1 OF 20 SHEETS

CAD FILE

SYMBOLS 10

- PLAN NORTH
- EXISTING PARTITION TO REMAIN
- NEW PARTITION
- EXISTING PARTITION TO BE REMOVED
- EXISTING DOOR TO REMAIN / NEW DOOR
- EXISTING DOOR TO BE DEMOLISHED
- 01/A7-01 PLAN DETAIL KEY
- A1 SIGN TYPE
- DOOR TYPE/HARDWARE TYPE
- KEYED NOTE
- A PARTITION TYPE
- ELEV ELEVATION KEY
- SECTION BUILDING SECTION
- DETAIL INTERIOR SECTION
- CONF ROOM 1000 ROOM NAME / ROOM NUMBER
- P-1 WALL FINISH
- VC1 CP-1 FLOOR FINISH TRANSITION
- C-1 CEILING TYPE
- NEW/RELOCATED 2X4 LAY-IN FLUORESCENT FIXTURE
- EXISTING 2X4 LAY-IN FLORESCENT FIXTURE
- REMOVED 2X4 LAY-IN FLUORESCENT FIXTURE
- NEW/RELOCATED 2X2 LAY-IN FLUORESCENT FIXTURE
- EXISTING 2X2 LAY-IN FLUORESCENT FIXTURE
- REMOVED 2X2 LAY-IN FLUORESCENT FIXTURE
- NEW/RELOCATED RECESSED INCANDESCENT DOWNLIGHT
- EXISTING RECESSED INCANDESCENT DOWNLIGHT
- REMOVED RECESSED INCANDESCENT DOWNLIGHT
- NEW LIGHT SWITCH
- REMOVED LIGHT SWITCH
- EXISTING LIGHT SWITCH
- EMERGENCY EXIT LIGHT
- NEW/RELOCATED RECESSED WALL WASHER
- EXISTING RECESSED WALL WASHER
- REMOVED RECESSED WALL WASHER
- NEW SPRINKLERHEAD
- CEILING FAN
- SMOKE DETECTOR
- NEW/RELOCATED SUPPLY GRILLE
- EXISTING SUPPLY GRILLE
- REMOVED SUPPLY GRILLE
- NEW/RELOCATED AIR GRILLE
- EXISTING RETURN AIR GRILLE
- REMOVED RETURN AIR GRILLE
- NEW DUPLEX OUTLET
- EXISTING DUPLEX OUTLET
- REMOVED DUPLEX OUTLET
- NEW QUADRAPLEX OUTLET
- EXISTING QUADRAPLEX OUTLET
- REMOVED QUADRAPLEX OUTLET
- JUNCTION BOX
- BASE FEED (WHIP)
- UNDERCABINET FLUORESCENT LIGHTING
- NEW FLOOR MOUNTED DUPLEX OUTLET
- EXISTING FLOOR MOUNTED DUPLEX OUTLET
- REMOVED FLOOR MOUNTED DUPLEX OUTLET
- NEW DATA/VOICE PULLSTRING
- DATA/VOICE TERMINATION
- REMOVED COMMUNICATION OUTLET
- NEW FLOOR MOUNTED PHONE/DATA OUTLET
- EXISTING FLOOR MOUNTED PHONE/DATA OUTLET
- REMOVED FLOOR MOUNTED PHONE/DATA OUTLET
- NEW THERMOSTAT
- REMOVED THERMOSTAT
- D ELECTRIC DOOR CLOSER
- TELEVISION/CABLE

GENERAL NOTES 06

1. The Contractor shall thoroughly examine the premises and base his bid on the existing conditions. The Contractor shall notify the Architect promptly of any discrepancies in the bid conditions or alterations prior to submitting his bid.
2. The Contractor shall be responsible for providing all materials and workmanship in accordance with all applicable health and safety requirements, building codes, and ordinances.
3. All equipment, fixtures, etc. shown on the plan shall be provided and installed by the Contractor unless noted otherwise.
4. The Contractor shall submit shop drawings and samples of requested low energy door operators, hardware, special construction, etc. in a timely manner for the Architect's review prior to construction.
5. Dimensions are shown on the plans. Do not scale off of the drawings. All dimensions are from face to face of partitions or face of column unless noted otherwise.
6. All heights are dimensioned from the top of the concrete slab unless noted otherwise.
7. All work shall conform to the applicable portions of the specifications, unless noted otherwise. The Contractor shall notify the Architect of discrepancies between the drawings and the specifications prior to proceeding with construction.
8. All new gypsum board construction shown aligned with existing construction shall be installed in the same plane as the existing with no visible joint. All damaged gypsum board from existing or resulting from new construction shall be repaired to remove any visible marks or discolorations.
9. All work with noise producing, or disruptive equipment near occupied areas of the building is subject to coordination with the Owner's Project Manager on site.
10. Items identified in the documents for relocation or as having a salvageable value shall be carefully removed and stored as directed.
11. All finish & construction materials used shall meet minimum required fire class & smoke developed ratings, ie class A, s.d. 0.
12. All gypsum board construction of plumbing walls or chases shall be 5/8" water resistant board.
13. All pipe work and duct work which penetrates through floor slabs and walls shall be sleeved except where shafts or chases are provided. Voids within sleeves shall be packed tight with fire resistant material.
14. Manufactured materials, equipment, etc. specified for this contract shall be installed according to the manufacturer's instructions and recommendations unless noted otherwise.
15. All requests for substitutions of any items specified shall be submitted in writing to the Architect and shall be considered only if better service facilities, more advantageous delivery date, or a lesser price with a credit to the Owner will be provided without sacrificing quality, appearance and function. Under no circumstances will the Architect be required to prove that a product proposed as substitution is or is not of equal quality to the product specified.
16. "Typical" means typical for all similar conditions unless noted otherwise.
17. The Contractor shall provide all necessary supports or blocking in walls or ceilings for the support of items required in the scope of work.
18. The Architect shall be the primary source for information regarding each discipline, ie: architectural, mechanical, plumbing, electrical, structural, etc.
19. All items indicated to remain from previous construction shall be protected from damage by the general contractor. Any items damaged by contractor or his sub-contractors during construction shall be repaired by contractor
20. All materials used for new construction including, but not limited to: insulation, adhesives, coatings, sealant, shall be entirely free from asbestos.
21. At all partitions which extend to structure above, drywall construction, taped & floated, shall occur above all doors, glass, or other penetrations through the partition whether shown a details or not.
22. Contractor shall be responsible for all permits and fees.

FINISH GENERAL NOTES 05

FINISH NOTES:

A. FLOOR FINISH

1. REFER TO SHEET A0-01 INDEX FOR GENERAL NOTES, SYMBOL, LEGEND AND OTHER IMPORTANT INFORMATION.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IN PLAN TO THE ARCHITECT / ENGINEER BEFORE ANY WORK COMMENCES.
3. WHERE NEW CONSTRUCTION MODIFIES EXISTING FINISHES TO REMAIN, CONTRACTOR SHALL PATCH/ REPAIR TO LINE NEW THE EXISTING FINISHES AS REQUIRED.
5. MATERIALS SPECIFIED ARE REFERENCED BY A PRODUCT NAME AND NUMBER. THE CONTRACTOR SHALL VERIFY THAT THE PRODUCT NAME MATCHES THE PRODUCT NUMBER PRIOR TO ORDERING MATERIALS. NOTIFY ARCHITECT OF ANY DISCREPANCIES CONTRACTOR IS RESPONSIBLE FOR ORDERING SUFFICIENT QUANTITIES OF ALL MATERIALS TO ENSURE A COMPLETE INSTALLATION.
6. ALL EXISTING FINISHES TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. FINISHES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT NO EXPENSE TO THE OWNER.
7. CONTRACTOR SHALL PROVIDE SAMPLES OF ALL FINISHES FOR ARCHITECT'S APPROVAL PRIOR TO ORDERING MATERIALS.
8. NO SUBSTITUTE SHALL BE ACCEPTED FOR ANY FINISHES WITHOUT WRITTEN APPROVAL BY THE ARCHITECT. REQUESTS FOR SUBSTITUTIONS MUST BE SUBMITTED IN THE TIME FRAME SO AS NOT TO CAUSE ANY DELAY IN ORDERING OR ACQUIRING THE ORIGINALLY SPECIFIED MATERIAL.
9. FLAME SPREAD RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.

B. PAINT

1. ALL PAINT SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS FOR A LEVEL 4 FINISH. PROVIDE A TWO COAT MINIMUM APPLICATION.
2. WALLS SCHEDULED TO BE PAINTED SHALL BE LATEX PAINT, ROLLED ON, UNLESS NOTED OTHERWISE.
3. INSPECT DRY WALL AND VERIFY THAT CONDITIONS ARE SUITABLE FOR THE APPLICATION OF WALL COVERING PRIOR TO INSTALLATION. USE MANUFACTURERS RECOMMENDED PRIMER AND FOLLOW MANUFACTURERS RECOMMENDED INSTALLATION FOR APPLICATION.
4. CONTRACTOR SHALL PAINT ONE WALL FOR ARCHITECT'S APPROVAL WITH EACH COLOR SPECIFIED, PRIOR TO PURCHASING THE BALANCE OF THE PAINT FOR THE REMINDER OF THE JOB.
5. PAINT ALL 4 SIDES OF COLUMNS, INCLUDING COLUMNS AT EXTERIOR WINDOWS.
6. ALL EXISTING WOOD TRIM, BASE, CHAIR RAIL, ETC. SHALL BE CLEANED, STAIN TOUCHED-UP AND POLISHED, UNLESS NOTED OTHERWISE.

DRAWING LIST 03

SHEET NUMBER	SHEET TITLE	[illegible]	[illegible]	[illegible]
A0-01	GENERAL PROJECT INFORMATION	●	●	●
A0-02	KEY PLANS		●	●
A2-01	ARCHITECTURAL FLOOR PLAN – FIFTH WARD MSC	●	●	●
A2-02	ARCHITECTURAL FLOOR PLAN – LA MUEVA CASA DE AMIGOS HC	●	●	●
A2-03	ARCHITECTURAL FLOOR PLAN – MAGNOLIA MSC / HC	●	●	●
A2-04	ARCHITECTURAL FLOOR PLAN – NORTHEAST MSC	●	●	●
A2-05	ARCHITECTURAL FLOOR PLAN – NORTHSIDE HC	●	●	●
A2-06	ARCHITECTURAL FLOOR PLAN – SOUTHWEST MSC	●	●	●
A3-01A	SPECIFICATIONS			●
A3-01B	SPECIFICATIONS			●
A3-02	DETAILS			●
A3-03	DETAILS			●
E1-01	NOTES, SCHEDULES, AND LEGEND		●	●
E2-01	ELECTRICAL FLOOR PLAN – FIFTH WARD MSC		●	●
E2-02	ELECTRICAL FLOOR PLAN – LA MUEVA CASA DE AMIGOS HC		●	●
E2-03	ELECTRICAL FLOOR PLAN – MAGNOLIA MSC / HC		●	●
E2-04	ELECTRICAL FLOOR PLAN – NORTHEAST MSC		●	●
E2-05	ELECTRICAL FLOOR PLAN – NORTHSIDE HC		●	●
E2-06	ELECTRICAL FLOOR PLAN – SOUTHWEST MSC		●	●

PROJECT INFORMATION 02

PROJECT DESCRIPTION:	ADD AUTOMATIC ENTRY DOOR OPERATORS TO EXISTING ENTRANCE AND PUBLIC RESTROOM DOORS IN MULTIPLE CITY OF HOUSTON HEALTH AND MULTI-SERVICE CENTERS.
BUILDING LOCATION:	MULTIPLE LOCATIONS HOUSTON, TEXAS
MODEL CODES FOR THIS RENOVATION:	
Building Code	2006 International Building Code with City of Houston Amendments
Fire Code	2006 International Fire Code with City of Houston Amendments
Mechanical Code	2006 Uniform Mechanical Code with City of Houston Amendments
Electrical Code	2011 National Electrical Code with City of Houston Amendments
Plumbing Code	2006 Uniform Plumbing Code
Energy Code	2009 International Energy Conservation Code for Commercial Structures Senate Bill 5 (Energy Compliance)
Accessibility Code	Texas Accessibility Standards of the Architectural Barriers Act Article 9102, Civil Statues 1994 2012 Texas Accessibility Standards Elimination of Architectural Barriers Texas Government Code, Chapter 469 Administered by the Texas Department of Licensing and Registration

ISSUE LOG

NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT STATE OF TEXAS 3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS – CDBG

WBS No. H-000102 0003-4

APPROVALS :
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT
Bagbio + Associates Architects, Inc.
[redacted]
MEP ENGINEER
[redacted]
ACCESSIBILITY CONSULTANT
ACCESSIBLE DESIGN SOLUTIONS
[redacted]
HOUSTON, TEXAS 77080

E+A PROJECT NO : 14001.02
ACAD DWG. FILE
DRAWN BY : DLL
CHECKED BY : CT, KE
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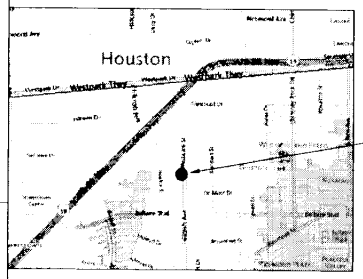
SHEET TITLE :
GENERAL PROJECT INFORMATION

A0-01

SHEET NO. 2 OF 20 SHEETS

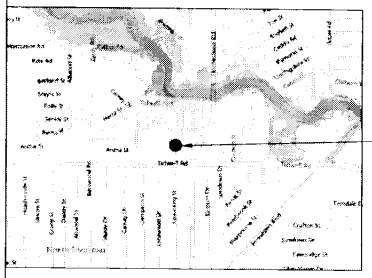
CITY DWG NO :



THIS BUILDING IS NOT LOCATED IN THE FLOODPLAIN

BUILDING LOCATION:	6400 HIGH STAR HOUSTON, TX 77074	APPROX. VALUE OF ASSETS: $6,477,587 APPROX. CONSTRUCTION COST: $51,066	
ORIGINAL BUILDING CONSTRUCTED:	2006	CONSTRUCTION TYPE:	TYPE 2
MODEL CODES FOR ORIGINAL CONSTR:	2003 IBC	OCCUPANCY TYPE:	TYPE 2
CURRENT BUILDING SIZE:	25,000 Sq. Ft.	OCCUPANCY LOAD:	N/A
NUMBER OF STORIES:	1	SPRINKLERED:	YES
MODIFIED AREA:	540 Sq. Ft.	CEILING HEIGHT:	VARIES

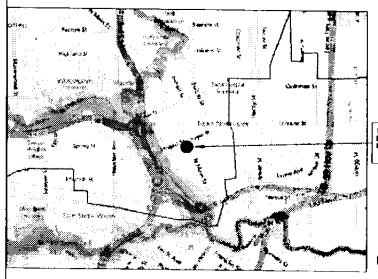
SOUTHWEST MULTI-SERVICE CENTER 06



THIS BUILDING IS NOT LOCATED IN THE FLOODPLAIN

BUILDING LOCATION:	9720 SPAULDING HOUSTON, TX 77016	APPROX. VALUE OF ASSETS: $8,337,601 APPROX. CONSTRUCTION COST: $54,966	
ORIGINAL BUILDING CONSTRUCTED:	2007	CONSTRUCTION TYPE:	TYPE 2
MODEL CODES FOR ORIGINAL CONSTR:	2003 IBC	OCCUPANCY TYPE:	TYPE 2
CURRENT BUILDING SIZE:	29,020 Sq. Ft.	OCCUPANCY LOAD:	N/A
NUMBER OF STORIES:	1	SPRINKLERED:	YES
MODIFIED AREA:	700 Sq. Ft.	CEILING HEIGHT:	VARIES

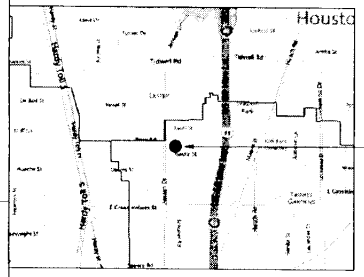
NORTHEAST MULTI-SERVICE CENTER 04



THIS BUILDING IS NOT LOCATED IN THE FLOODPLAIN

BUILDING LOCATION:	1809 NORTH MAIN HOUSTON, TX 77009	APPROX. VALUE OF ASSETS: $7,187,125 APPROX. CONSTRUCTION COST: $43,286	
ORIGINAL BUILDING CONSTRUCTED:	1999	CONSTRUCTION TYPE:	TYPE 2
MODEL CODES FOR ORIGINAL CONSTR:	1994 UBC	OCCUPANCY TYPE:	N/A
CURRENT BUILDING SIZE:	39,100 Sq. Ft.	OCCUPANCY LOAD:	N/A
NUMBER OF STORIES:	3	SPRINKLERED:	YES
MODIFIED AREA:	420 Sq. Ft.	CEILING HEIGHT:	VARIES

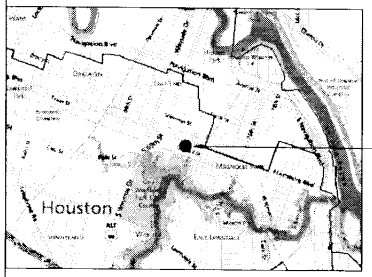
LA NUEVA CASA DE AMIGOS HEALTH CENTER 02



THIS BUILDING IS NOT LOCATED IN THE FLOODPLAIN

BUILDING LOCATION:	8504 SCHULLER HOUSTON, TX 77083	APPROX. VALUE OF ASSETS: $6,772,619 APPROX. CONSTRUCTION COST: $48,486	
ORIGINAL BUILDING CONSTRUCTED:	1980	CONSTRUCTION TYPE:	TYPE 2
MODEL CODES FOR ORIGINAL CONSTR:	NOT AVAILABLE	OCCUPANCY TYPE:	TYPE 2
CURRENT BUILDING SIZE:	32,531 Sq. Ft.	OCCUPANCY LOAD:	N/A
NUMBER OF STORIES:	1	SPRINKLERED:	N
MODIFIED AREA:	1200 Sq. Ft.	CEILING HEIGHT:	VARIES

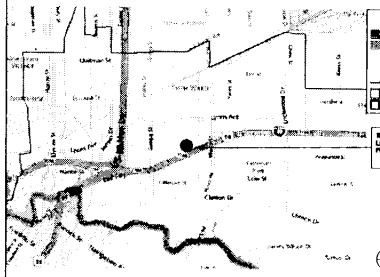
NORTHSIDE HEALTH CENTER 05



THIS BUILDING IS NOT LOCATED IN THE FLOODPLAIN

BUILDING LOCATION:	7037 CAPITOL ST. HOUSTON, TX 77011	APPROX. VALUE OF ASSETS: $10,825,522 APPROX. CONSTRUCTION COST: $54,966	
ORIGINAL BUILDING CONSTRUCTED:	1994	CONSTRUCTION TYPE:	TYPE 2
MODEL CODES FOR ORIGINAL CONSTR:	1970 UBC	OCCUPANCY TYPE:	TYPE 2
CURRENT BUILDING SIZE:	58,420 Sq. Ft.	OCCUPANCY LOAD:	N/A
NUMBER OF STORIES:	2	SPRINKLERED:	YES
MODIFIED AREA:	700 Sq. Ft.	CEILING HEIGHT:	VARIES

MAGNOLIA MULTI-SERVICE/HEALTH CENTER 03



THIS BUILDING IS NOT LOCATED IN THE FLOODPLAIN

BUILDING LOCATION:	4014 MARKET ST. HOUSTON, TX 77020	APPROX. VALUE OF ASSETS: $8,573,056 APPROX. CONSTRUCTION COST: $47,186	
ORIGINAL BUILDING CONSTRUCTED:	1970	CONSTRUCTION TYPE:	TYPE 2
MODEL CODES FOR ORIGINAL CONSTR:	1983 UBC	OCCUPANCY TYPE:	TYPE 2
CURRENT BUILDING SIZE:	33,601 Sq. Ft.	OCCUPANCY LOAD:	N/A
NUMBER OF STORIES:	1	SPRINKLERED:	YES
MODIFIED AREA:	400 Sq. Ft.	CEILING HEIGHT:	VARIES

FIFTH WARD MULTI-SERVICE CENTER 01

ISSUE LOG

NO.	DATE	DESCRIPTION
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT STATE OF TEXAS

3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

CITY OF HOUSTON

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS – CDBG

WBS No. H-000107-0003 4

APPROVALS :

PROJECT MANAGER DATE

CHIEF ENGINEER DATE

ASSISTANT DIRECTOR DATE

CONSULTANTS:

ARCHITECT

MEP ENGINEER

ACCESSIBILITY CONSULTANT
ACCESSIBLE DESIGN SOLUTIONS

E+A PROJECT NO : 14001 02

ACAD DWG. FILE

DRAWN BY : DLL

CHECKED BY : CT, KB

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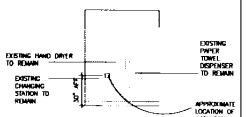
SHEET TITLE :
KEY PLANS

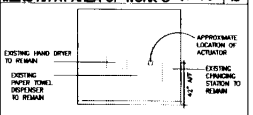
A0–02

SHEET NO. 3 OF 20 SHEETS

CITY DWG NO :

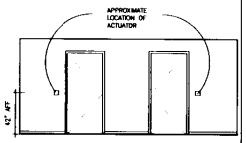


MENS RR AT AREA OF WORK C 1/4" = 1'-0" | 13



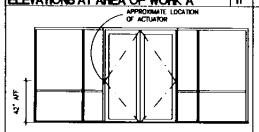
1/4" = 1'-0"

WOMENS RR AT AREA OF WORK C | 12

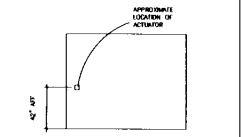


1/4" = 1'-0"

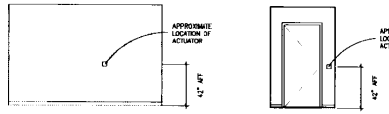
ELEVATIONS AT AREA OF WORK A | 11



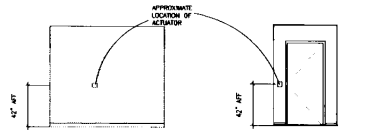
AOW B INTERIOR 1/4" = 1'-0" | 10B



AREA OF WORK B EXTERIOR 1/4" = 1'-0" | 10

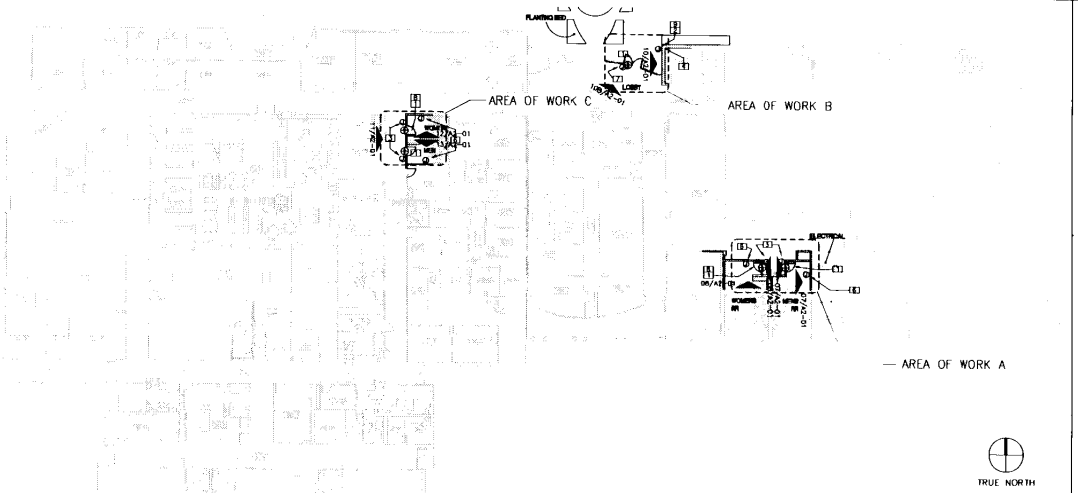


WOMENS RR AT AREA OF WORK A 1/4" = 1'-0" | 08



*FIELD VERIFY HORIZONTAL DIMENSIONS AT ALL LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCY WITH APPROXIMATE CONDITION SHOWN

MENS RR AT AREA OF WORK A 1/4" = 1'-0" | 07



ARCHITECTURAL FLOOR PLAN - FIFTH WARD MULTI-SERVICE CENTER 1/8" = 1'-0" | 02

KEYED NOTES | 04

1. PROVIDE NEW LOW ENERGY DOOR OPERATOR. MANUFACTURER: STANLEY SECURITY SOLUTIONS; MAGIC FORCE OPERATOR (LOW ENERGY). RE: MEP FOR ADDITIONAL INFO AND PLAN SPECS.
2. CAREFULLY SAW CUT AND REMOVE PORTION OF EXISTING PLASTER WALL TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. CONTRACTOR TO ENSURE DEMO OF PLASTER WALL IS APPROPRIATE/COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF PLASTER WALL. ENSURE WEATHER TIGHT SEAL AROUND NEW JUNCTION BOX AND FACE PLATE. WIRING TO BE ROUTED IN WALL CAVITY. NO SURFACE MOUNTED J-BOXES OR CONDUIT ALLOWED UNLESS OTHERWISE NOTED. RE: MEP.
3. PROVIDE RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CAREFULLY REMOVE PORTION OF EXISTING GYP. BD. WALL AS REQUIRED TO RUN WIRING THROUGH CAVITY. ENSURE HOLE IS CUT SMALLER THAN FACE PLATE SUCH THAT PLATE FULLY COVERS ANY REMOVED PORTION OF WALL. REPAIR, TAPE, AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH EXISTING ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
4. WHERE EXTERIOR RECESSED J-BOXES ARE INSTALLED DEMO PORTION OF EXISTING INTERIOR DRYWALL AS REQUIRED TO ACCESS CAVITY WALL PATH FOR NEW SPECIFIED WIRING. RE: MEP. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
5. NOT USED.
6. CAREFULLY SAW CUT EXISTING CERAMIC TILE TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CONTRACTOR TO ENSURE DEMO OF CERAMIC TILE IS APPROPRIATE AND COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF CERAMIC TILE.
7. JAMB PUSH PLATE. MANUFACTURER: BEA SENSORS, MODEL #10PBJM1.
8. PROVIDE BATTERY INVERTER AT THIS DOOR TO ALLOW OPERATOR TO REMAIN OPEN IN A POWER-OFF CONDITION. RE: MEP.
9. WHERE DISTANCE FROM PUSH BUTTON TO DOOR EXCEEDS 5 FEET, ADJUST OPERATOR SETTINGS TO ALLOW OCCUPANT SUFFICIENT TIME TO APPROACH AND ENTER THE BUILDING.

GENERAL NOTES | 01

1. REFER TO SHEET A0-01 BOOK FOR GENERAL NOTES, SYMBOLS LEGEND AND OTHER IMPORTANT INFORMATION.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IN PLAN TO THE ARCHITECT / ENGINEER BEFORE ANY WORK COMMENCES.
3. ALL DOORS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. HARDWARE AND LATCHSETS TO BE MODIFIED AS REQUIRED TO ENSURE FULL FUNCTIONALITY WITH SCHEDULED DOOR OPERATOR.
4. ALL NEW DOOR HARDWARE SHALL BE A.D.A. AND T.A.S. COMPLIANT.
5. ALL WOOD BLOCKING AND COMPONENTS WITHIN PARTITIONS AND CEILING PLENUM SHALL BE FIRE TREATED. COORDINATE WITH MANUFACTURER BLOCKING REQUIRED TO PROPERLY SUPPORT OPERATORS.
6. "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION SUCH AS WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS OR ADJACENT TO EXISTING CONSTRUCTION.
7. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL NOT BE LOCATED WHERE USE PUTS THE PERSON ACTIVATING THE DOOR IN THE PRIMARY SWING PATH OF DOOR.
8. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL BE MOUNTED IN LOCATION WHERE PERSON HAS FULL SIGHT OF THE DOOR AND SHALL NOT BE LOCATED BEHIND DOOR WHEN FULLY OPENED.
9. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS MUST BE LOCATED BETWEEN 1-5 FEET FROM DOOR.
10. PLACEMENT OF SWITCHES/PUSH BUTTONS AND CLEARANCES PERTAIN TO BOTH ENTRY AND EXIT OF SCHEDULED DOORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
11. NO SURFACE MOUNTED/EXPOSED CONDUIT PERMITTED.
12. ALL ACTUATORS SHALL BE 4" SQUARE STAINLESS STEEL PLATE WITH ACCESSIBILITY LOGO AND "PUSH TO OPEN" TEXT. MANUFACTURER: BEA SENSORS, MODEL #10PBS-451 UNLESS OTHERWISE NOTED.

ISSUE LOG		
NO	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-10-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT KEITH A. BRIGHT 3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME:
AUTOMATIC ENTRY DOOR OPERATORS - CDBG
FIFTH WARD MULTI-SERVICE CENTER
4014 MARKET STREET
HOUSTON, TEXAS 77020
1685 No. H-000102-0003-4

APPROVALS:
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT: English + Associates Architects, Inc.
MEP ENGINEER: [redacted]
ACCESSIBILITY CONSULTANT: ACCESSIBLE DESIGN SOLUTIONS, 815 S. BAR HOUSTON PARKWAY E, SUITE 350, HOUSTON, TEXAS 77060

E+A PROJECT NO 14001.02
ACAD DWG. FILE:
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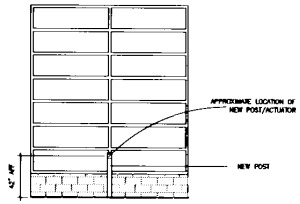
SHEET TITLE:
ARCHITECTURAL FLOOR PLAN - FIFTH WARD MSC

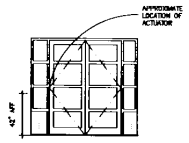
A2-01

SHEET NO. 4 OF 20 SHEETS

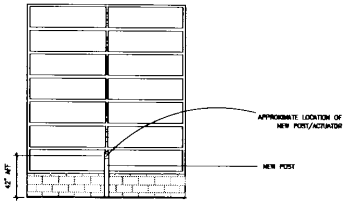
CITY DWG NO:



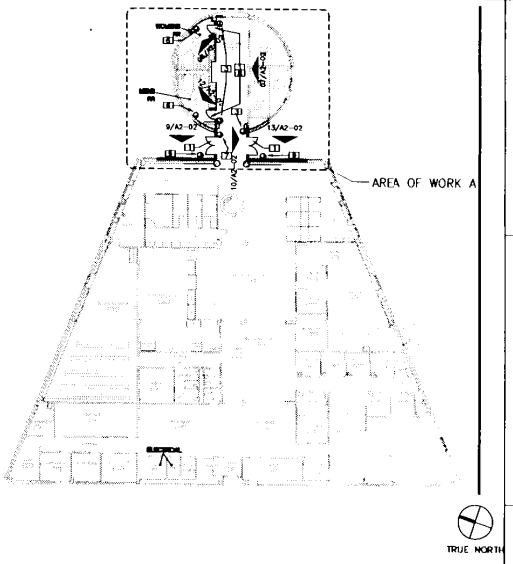
POST AT SOUTH ENTRANCE 1/4" = 1'-0" 13



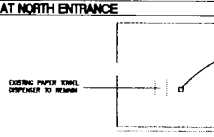
SOUTH ENTRANCE INTERIOR 1/4" = 1'-0" 10



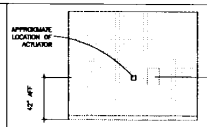
POST AT NORTH ENTRANCE 1/4" = 1'-0" 09



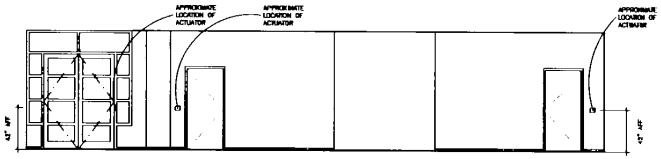
ARCHITECTURAL FLOOR PLAN - LA NUEVA CASA DE AMIGOS HEALTH CENTER 1/16" = 1'-0" 02



MENS RESTROOM INTERIOR 1/4" = 1'-0" 12



WOMENS RESTROOM INTERIOR 1/4" = 1'-0" 08



*FIELD VERIFY HORIZONTAL DIMENSIONS AT ALL LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCY WITH APPROXIMATE CONDITION SHOWN.

ELEVATION AT RESTROOMS AND NORTH ENTRANCE INTERIOR 1/4" = 1'-0" 07

KEYED NOTES 04

1. PROVIDE NEW LOW ENERGY DOOR OPERATOR (MANUFACTURER: STANLEY SECURITY SOLUTIONS; MAGIC FORCE OPERATOR (LOW ENERGY). RE: MEP FOR ADDITIONAL INFO AND PLAN SPECS.
2. CAREFULLY SAW CUT AND REMOVE PORTION OF EXISTING STONE WALL TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. CONTRACTOR TO ENSURE DEMO OF STONE WALL IS APPROPRIATE/COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF STONE WALL. ENSURE WEATHER TIGHT SEAL AROUND NEW JUNCTION BOX AND FACE PLATE. WIRING TO BE ROUTED IN WALL CAVITY. NO SURFACE MOUNTED J-BOXES OR CONDUIT ALLOWED UNLESS OTHERWISE NOTED. RE: MEP
3. PROVIDE RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CAREFULLY REMOVE PORTION OF EXISTING CMT. BD. WALL AS REQUIRED TO RUN WIRING THROUGH CAVITY. ENSURE HOLE IS CUT SMALLER THAN FACE PLATE SUCH THAT PLATE FULLY COVERS ANY REMOVED PORTION OF WALL. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH EXISTING ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
4. WHERE EXTERIOR RECESSED J-BOXES ARE INSTALLED DEMO PORTION OF EXISTING INTERIOR DRYWALL AS REQUIRED TO ACCESS CAVITY WALL PATH FOR NEW SPECIFIED WIRING, RE: MEP. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
5. NOT USED.
6. CAREFULLY SAW CUT EXISTING CERAMIC TILE TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CONTRACTOR TO ENSURE DEMO OF CERAMIC TILE IS APPROPRIATE AND COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF CERAMIC TILE.
7. JAMB PUSH PLATE, MANUFACTURER: BEA SENSORS, MODEL #10PBJM1. .
8. PROVIDE BATTERY INVERTER AT THIS DOOR TO ALLOW OPERATOR TO REMAIN OPEN IN A POWER-OFF CONDITION. RE: MEP.
9. PUSH PLATE POST, MANUFACTURER: BEA SENSORS, MODEL #10BOLLARDSLV, COLOR: SILVER. RE: MEP AND DETAIL 04/A3-02.

GENERAL NOTES 01

1. REFER TO SHEET A0-01 INDEX FOR GENERAL NOTES, SYMBOLS LEGEND AND OTHER REFERENCE INFORMATION.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IN PLAN TO THE ARCHITECT / ENGINEER BEFORE ANY WORK COMMENCES.
3. ALL DOORS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. HARDWARE AND FASCIAETS TO BE MODIFIED AS REQUIRED TO ENSURE FULL FUNCTIONALITY WITH SCHEDULED DOOR OPERATOR.
4. ALL NEW DOOR HARDWARE SHALL BE ADA AND TAS COMPLIANT
5. ALL WOOD BLOCKING AND COMPONENTS WITHIN PARTITIONS AND CEILING PLENUM SHALL BE FIRE RETARDED. COORDINATE WITH MANUFACTURER BLOCKING REQUIRED TO PROPERLY SUPPORT OPERATORS.
6. "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION SUCH AS WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS OR ADJACENT TO EXISTING CONSTRUCTION.
7. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL NOT BE LOCATED WHERE USE PUTS THE PERSON ACTIVATING THE DOOR IN THE PRIMARY SWING PATH OF DOOR
8. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL BE MOUNTED IN LOCATION WHERE PERSON HAS FULL SIGHT OF THE DOOR AND SHALL NOT BE LOCATED BEHIND DOOR WHEN FULLY OPENED.
9. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS MUST BE LOCATED BETWEEN 1-5 FEET FROM DOOR
10. PLACEMENT OF SWITCHES/PUSH BUTTONS AND CLEARANCES PERTAIN TO BOTH ENTRY AND EXIT OF SCHEDULED DOORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
11. NO SURFACE MOUNTED/EXPOSED CONDUIT PERMITTED
12. ALL ACTUATORS SHALL BE 4"X5" SQUARE STAINLESS STEEL PLATE WITH ACCESSIBILITY LOGO AND "PUSH TO OPEN" TEXT. MANUFACTURER: BEA SENSORS, MODEL #10PBS401 UNLESS OTHERWISE NOTED.

ISSUE LOG

NO	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT STATE OF TEXAS
3-10-14

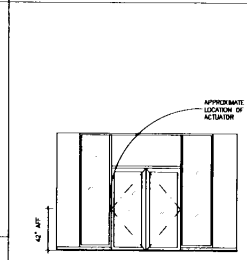
CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT
800 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS – CDBG
LA NUEVA CASA DE AMIGOS HEALTH CENTER
1809 NORTH MAIN
HOUSTON, TEXAS 77002
WBS No. H-000102-0003-4

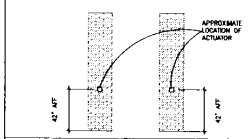
APPROVALS :
PROJECT MANAGER DATE
CHIEF ENGINEER DATE
ASSISTANT DIRECTOR DATE

CONSULTANTS:
ARCHITECT:
Bagdade + Associates Architects, Inc.
MEP ENGINEER:
ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS

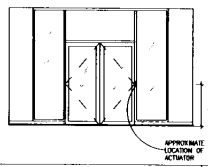
F & A PROJECT NO 1400.02
ACAD DWG. FILE :
DRAWN BY : GLL
CHECKED BY : CF, MB
COPY RIGHT :
SHEET TITLE : ARCHITECTURAL FLOOR PLAN - LA NUEVA CASA HC
A2-02
SHEET NO. 5 OF 20 SHEETS
CITY DWG NO :



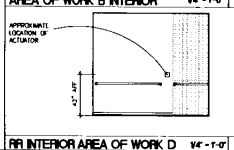
AREA OF WORK B INTERIOR 1/4" = 1'-0" 17



AREA OF WORK B EXTERIOR 1/4" = 1'-0" 16



AREA OF WORK B INTERIOR 1/4" = 1'-0" 15



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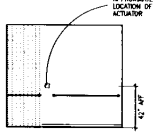

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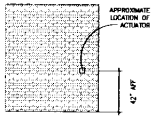

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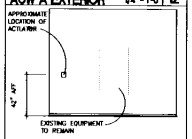

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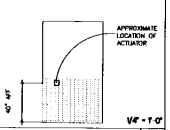
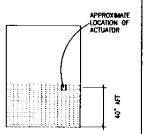
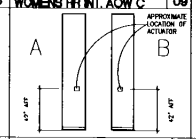


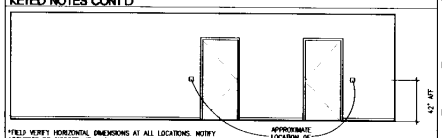
MENS RR INT. AOW C 1/4" = 1'-0" 10



WOMENS RR INT. AOW C 1/4" = 1'-0" 09



WING WALLS AOW C 1/4" = 1'-0" 08



ELEVATION AT RESTROOMS AT AREA OF WORK D 1/4" = 1'-0" 07

*FIELD VERIFY HORIZONTAL DIMENSIONS AT ALL LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCY WITH APPROXIMATE DIMENSION SHOWN

KEYED NOTES CONT'D

[6] CAREFULLY SAW CUT EXISTING CERAMIC TILE TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE. AT THIS LOCATION, RE: MEP. CONTRACTOR TO ENSURE DEMO OF CERAMIC TILE IS APPROPRIATE AND COORDINATED WITH SEC FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF CERAMIC TILE.

[7] JAMB PUSH PLATE, MANUFACTURER: REA SENSORS, MODEL #10PB3W1.

[8] WHERE DISTANCE FROM PUSH BUTTON TO DOOR EXCEEDS 5 FEET, ADJUST OPERATOR SETTINGS TO ALLOW OCCUPANT SUFFICIENT TIME TO APPROACH AND ENTER THE BUILDING.

KEYED NOTES 04

[1] PROVIDE NEW LOW ENERGY DOOR OPERATOR. MANUFACTURER: STANLEY SECURITY SOLUTIONS; MAGIC FORCE OPERATOR (LOW ENERGY). RE: MEP FOR ADDITIONAL INFO AND PLAN SPECS.

[2] CAREFULLY SAW CUT AND REMOVE PORTION OF EXISTING BRICK WALL TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. CONTRACTOR TO ENSURE DEMO OF BRICK WALL IS APPROPRIATE/COORDINATED WITH SEC FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF BRICK WALL. ENSURE WEATHER TIGHT SEAL AROUND MEP JUNCTION BOX AND FACE PLATE. WIRING TO BE ROUTED IN WALL CAVITY. NO SURFACE MOUNTED J-BOXES OR CONDUIT ALLOWED UNLESS OTHERWISE NOTED. RE: MEP.

[3] PROVIDE RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION, RE: MEP. CAREFULLY REMOVE PORTION OF EXISTING GYP. BD. WALL AS REQUIRED TO RUN WIRING THROUGH CAVITY. ENSURE HOLE IS CUT SMALLER THAN FACE PLATE SIACH THAT PLATE FULLY COVERS ANY REMOVED PORTION OF WALL. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH EXISTING ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.

[4] WHERE EXTERIOR RECESSED J-BOXES ARE INSTALLED DEMO PORTION OF EXISTING INTERIOR DRYWALL AS REQUIRED TO ACCESS CAVITY WALL PATH FOR NEW SHIELDED WIRING. RE: MEP. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.

[5] NOT USED.

10. PLACEMENT OF SWITCHES/PUSH BUTTONS AND CLEARANCES PERTAIN TO BOTH ENTRY AND EXIT OF SCHEDULED DOORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
11. NO SURFACE MOUNTED/EXPOSED CONDUIT PERMITTED.
12. ALL ACTUATORS SHALL BE 4" SQUARE STAINLESS STEEL PLATE WITH ACCESSIBILITY LOGO AND "PUSH TO OPEN" TEXT. MANUFACTURER: BEA SENSORS, MODEL #10PB5451 UNLESS OTHERWISE NOTED.

GENERAL NOTES CONT'D

[1] PROVIDE NEW LOW ENERGY DOOR OPERATOR. MANUFACTURER: STANLEY SECURITY SOLUTIONS; MAGIC FORCE OPERATOR (LOW ENERGY). RE: MEP FOR ADDITIONAL INFO AND PLAN SPECS.

[2] CAREFULLY SAW CUT AND REMOVE PORTION OF EXISTING BRICK WALL TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. CONTRACTOR TO ENSURE DEMO OF BRICK WALL IS APPROPRIATE/COORDINATED WITH SEC FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF BRICK WALL. ENSURE WEATHER TIGHT SEAL AROUND MEP JUNCTION BOX AND FACE PLATE. WIRING TO BE ROUTED IN WALL CAVITY. NO SURFACE MOUNTED J-BOXES OR CONDUIT ALLOWED UNLESS OTHERWISE NOTED. RE: MEP.

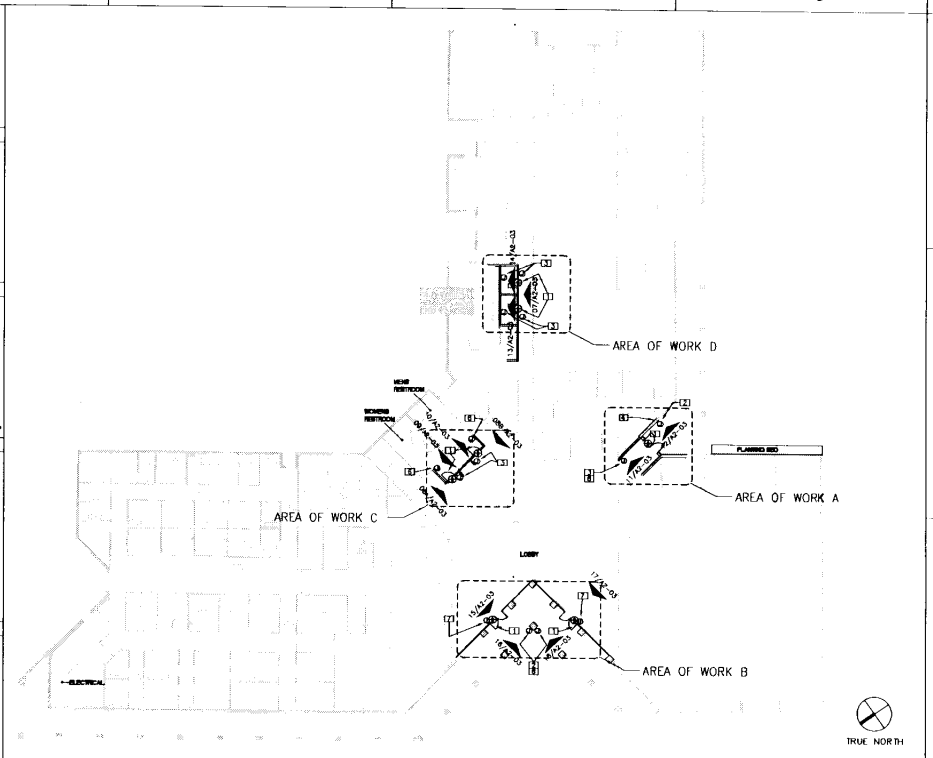
[3] PROVIDE RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION, RE: MEP. CAREFULLY REMOVE PORTION OF EXISTING GYP. BD. WALL AS REQUIRED TO RUN WIRING THROUGH CAVITY. ENSURE HOLE IS CUT SMALLER THAN FACE PLATE SIACH THAT PLATE FULLY COVERS ANY REMOVED PORTION OF WALL. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH EXISTING ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.

[4] WHERE EXTERIOR RECESSED J-BOXES ARE INSTALLED DEMO PORTION OF EXISTING INTERIOR DRYWALL AS REQUIRED TO ACCESS CAVITY WALL PATH FOR NEW SHIELDED WIRING. RE: MEP. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.

[5] NOT USED.

GENERAL NOTES 01

1. REFER TO SHEET A0-10 INDEX FOR GENERAL NOTES, SYMBOLS LEGEND AND OTHER IMPORTANT INFORMATION.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IN PLAN TO THE ARCHITECT / ENGINEER BEFORE ANY WORK COMMENCES.
3. ALL DOORS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. HARDWARE AND LATCHSETS TO BE MODIFIED AS REQUIRED TO ENSURE FULL FUNCTIONALITY WITH SCHEDULED DOOR OPERATOR.
4. ALL NEW DOOR HARDWARE SHALL BE A.D.A. AND T.A.S. COMPLIANT.
5. ALL WOOD BLOCKING AND COMPONENTS WITHIN PARTITIONS AND CEILING PLENUM SHALL BE FIRE TREATED. COORDINATE WITH MANUFACTURER BLOCKING REQUIRED TO PROPERLY SUPPORT OPERATORS.
6. "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION SUCH AS WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS OR ADJACENT TO EXISTING CONSTRUCTION.
7. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL NOT BE LOCATED WHERE USE PUTS THE PERSON ACTIVATING THE DOOR IN THE PRIMARY SWING PATH OF DOOR.
8. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL BE MOUNTED IN LOCATION WHERE PERSON HAS FULL SIGHT OF THE DOOR AND SHALL NOT BE LOCATED BEHIND DOOR WHEN FULLY OPENED.
9. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS MUST BE LOCATED BETWEEN 1-5 FEET FROM DOOR.



ARCHITECTURAL FLOOR PLAN - MAGNOLIA MULTI-SERVICE CENTER 1/8" = 1'-0" 02

ISSUE LOG		
NO	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT KATHLEEN A. ENGLISH 17977 STATE OF TEXAS

3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS - CDBG
MAGNOLIA MULTI-SERVICE CENTER
7037 CAPITOL
HOUSTON, TEXAS 77011

WBS No. H-000102-0003-4

APPROVALS :
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
English + Associates Architects, Inc.
[redacted]

MEP ENGINEER:
[redacted]

ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
[redacted]

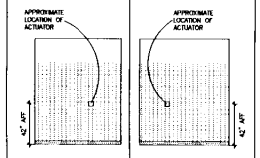
E+A PROJECT NO 14301.02
ACAD DWG FILE :
DRAWN BY : GLL
CHECKED BY : CT, KE
COPY RIGHT :

SHEET TITLE :
ARCHITECTURAL FLOOR PLAN - MAGNOLIA MSC

A2 - 03

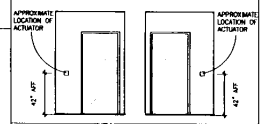
SHEET NO. 6 OF 20 SHEETS

CITY DWG NO :

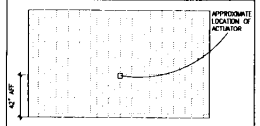


1/4" = 1'-0"

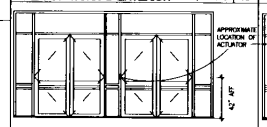
WOMENS RR 18 | MENS RR 17



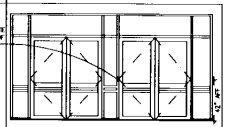
AOW D RESTROOMS EXTERIOR 1/4" = 1'-0" 16



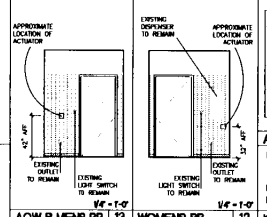
AREA OF WORK C EXTERIOR 1/4" = 1'-0" 15



AREA OF WORK C INTERIOR 1/4" = 1'-0" 14

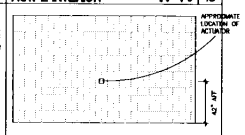


AOW E INTERIOR 1/4" = 1'-0" 10



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

AOW B MENS RR 13 | WOMENS RR 12



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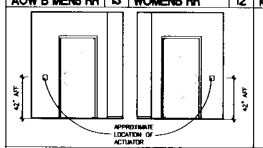

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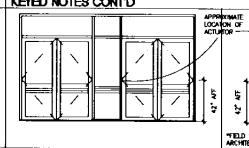

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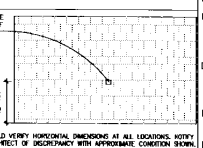

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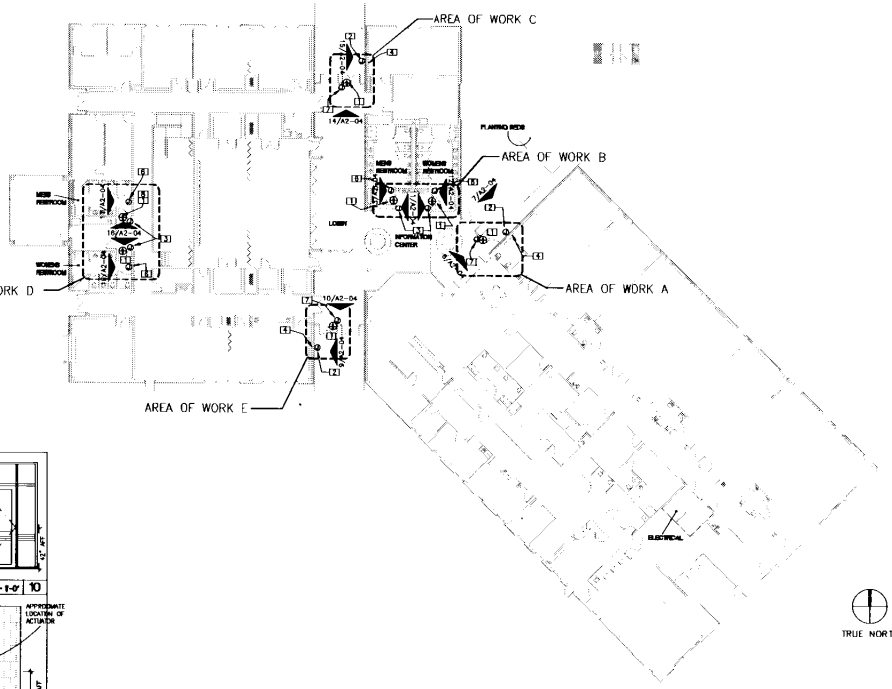

ARCHITECTURAL FLOOR PLAN - NORTHEAST MULTI-SERVICE CENTER 1/8" = 1'-0" 02

KEYED NOTES CONT'D

[5] CAREFULLY SAW CUT EXISTING CERAMIC TILE TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CONTRACTOR TO ENSURE DEMO OF CERAMIC TILE IS APPROPRIATE AND COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF CERAMIC TILE.

[7] JAMB PUSH PLATE, MANUFACTURER: BEA SENSORS, MODEL: FIOPREM1.

[8] PROVIDE BATTERY INVERTER AT THIS DOOR TO ALLOW OPERATOR TO REMAIN OPEN IN A POWER-OFF CONDITION.

*FIELD VERIFY HORIZONTAL DIMENSIONS AT ALL LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCY WITH APPROXIMATE CONDITION SHOWN.

KEYED NOTES 04

GENERAL NOTES CONT'D

[1] PROVIDE NEW LOW ENERGY DOOR OPERATOR. MANUFACTURER: STANLEY SECURITY SOLUTIONS, MAGIC FORCE OPERATOR (LOW ENERGY). RE: MEP FOR ADDITIONAL INFO AND PLAN SPECS.

[2] CAREFULLY SAW CUT AND REMOVE PORTION OF EXISTING STONE WALL TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. CONTRACTOR TO ENSURE DEMO OF STONE WALL IS APPROPRIATE/COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF STONE WALL. ENSURE WEATHER TIGHT SEAL AROUND NEW JUNCTION BOX AND FACE PLATE. WIRING TO BE ROUTED IN WALL CAVITY. NO SURFACE MOUNTED J-BOXES OR CONDUIT ALLOWED UNLESS OTHERWISE NOTED. RE: MEP.

[3] PROVIDE RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CAREFULLY REMOVE PORTION OF EXISTING CYP. BD. WALL AS REQUIRED TO RUN WIRING THROUGH CAVITY. ENSURE HOLE IS CUT SMALLER THAN FACE PLATE SUCH THAT PLATE FULLY COVERS ANY REMOVED PORTION OF WALL. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH EXISTING ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.

[4] WHERE EXTERIOR RECESSED J-BOXES ARE INSTALLED DEMO PORTION OF EXISTING INTERIOR DRYWALL AS REQUIRED TO ACCESS CAVITY. WALL PATH FOR NEW SPECIFIED WIRING. RE: MEP. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.

[5] NOT USED.

10. PLACEMENT OF SWITCHES/PUSH BUTTONS AND CLEARANCES PERTAIN TO BOTH ENTRY AND EXIT OF SCHEDULED DOORS. NOTIFY ARCHITECT IF ANY DISCREPANCIES BEFORE WORK COMMENCES.
11. NO SURFACE MOUNTED/EXPOSED CONDUIT PERMITTED.
12. ALL ACTUATORS SHALL BE 4" SQUARE STAINLESS STEEL PLATE WITH ACCESSIBILITY LOGO AND "PUSH TO OPEN" TEXT. MANUFACTURER: BEA SENSORS, MODEL: FIOPREM1 UNLESS OTHERWISE NOTED.

GENERAL NOTES 01

1. REFER TO SHEET A0-01 INDEX FOR GENERAL NOTES, SYMBOLS LEGEND AND OWNER INFORMATION.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IN PLAN TO THE ARCHITECT / ENGINEER BEFORE ANY WORK COMMENCES.
3. ALL DOORS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. HARDWARE AND LATCHSETS TO BE MODIFIED AS REQUIRED TO ENSURE FULL FUNCTIONALITY WITH SCHEDULED DOOR OPERATOR.
4. ALL NEW DOOR HARDWARE SHALL BE A.D.A. AND T.A.S. COMPLIANT.
5. ALL WOOD BLOCKING AND COMPONENTS WITHIN PARTITIONS AND CEILING PLENUM SHALL BE FIRE TREATED. COORDINATE WITH MANUFACTURER BLOCKING REQUIRED TO PROPERLY SUPPORT OPERATORS.
6. "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION SUCH AS WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS OR ADJACENT TO EXISTING CONSTRUCTION.
7. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL NOT BE LOCATED WHERE USE PUTS THE PERSON ACTIVATING THE DOOR IN THE PRIMARY SWING PATH OF DOOR.
8. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL BE MOUNTED IN LOCATION WHERE PERSON HAS FULL SIGHT OF THE DOOR AND SHALL NOT BE LOCATED BEHIND DOOR WHEN FULLY OPENED.
9. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS MUST BE LOCATED BETWEEN 1-5 FEET FROM DOOR.

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS – CDBG
NORTHEAST MULTI-SERVICE CENTER
9720 SPAULDING
HOUSTON, TEXAS 77016
WBS No. H-000102.0003-4

APPROVALS :
PROJECT MANAGER DATE
CHIEF ENGINEER DATE
ASSISTANT DIRECTOR DATE

CONSULTANTS:
ARCHITECT
English + Associates Architects, Inc.
MEP ENGINEER
ACCESSIBILITY CONSULTANT
ACCESSIBLE DESIGN SOLUTIONS

E+A PROJECT NO : 14001.02
ACAD DWG. FILE
DRAWN BY : DLL
CHECKED BY : CT, KS
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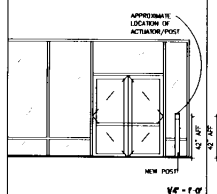
SHEET TITLE :
ARCHITECTURAL FLOOR PLAN - NORTHEAST MSC

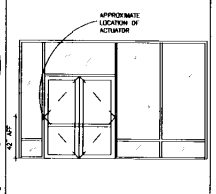
A2-04

SHEET NO. 7 OF 20 SHEETS

CITY DWG NO :



AOW D ENTRANCE PEDESTAL 17



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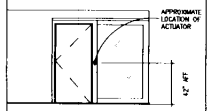

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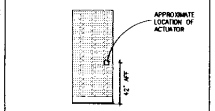

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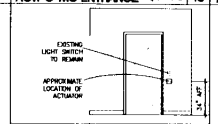

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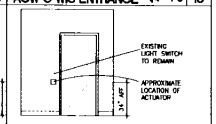

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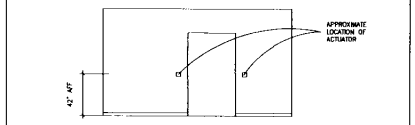

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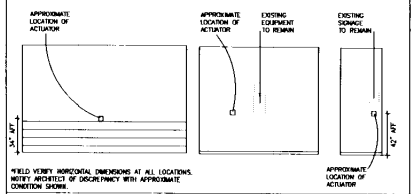

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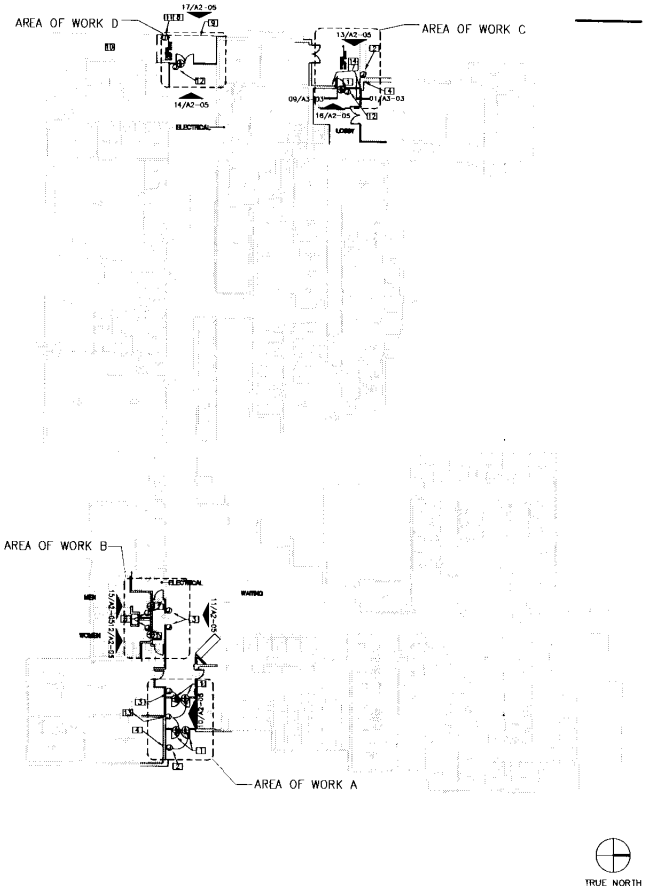

ARCHITECTURAL FLOOR PLAN - NORTHSIDE HEALTH CENTER 1/8" = 1'-0" 04

1. PROVIDE NEW LOW ENERGY DOOR OPERATOR. MANUFACTURER: STANLEY SECURITY SOLUTIONS, MAGIC FORCE OPERATOR (LOW ENERGY). RE: MEP FOR ADDITIONAL INFO AND PLAN SPECS.
2. CAREFULLY SAW CUT AND REMOVE PORTION OF EXISTING BRICK OR PLASTER WALL TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. CONTRACTOR TO ENSURE DEMO OF BRICK OR PLASTER WALL IS APPROPRIATE/ COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF BRICK OR PLASTER WALL. ENSURE WEATHER TIGHT SEAL AROUND NEW JUNCTION BOX AND FACE PLATE. WIRING TO BE ROUTED IN WALL CAVITY. NO SURFACE MOUNTED J-BOXES OR CONDUIT ALLOWED UNLESS OTHERWISE NOTED. RE: MEP.
3. PROVIDE RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CAREFULLY REMOVE PORTION OF EXISTING DRY WALL AS REQUIRED TO RUN WIRING THROUGH CAVITY. ENSURE HOLE IS CUT SMALLER THAN FACE PLATE SUCH THAT PLATE FULLY COVERS ANY REMOVED PORTION OF WALL. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH EXISTING ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
4. WHERE EXTERIOR RECESSED J-BOXES ARE INSTALLED DEMO PORTION OF EXISTING INTERIOR DRYWALL AS REQUIRED TO ACCESS CAVITY WALL PATH FOR NEW SPECIFIED WIRING. RE: MEP. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
5. NOT USED.
6. CAREFULLY SAW CUT EXISTING CERAMIC TILE TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CONTRACTOR TO ENSURE DEMO OF CERAMIC TILE IS APPROPRIATE AND COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF CERAMIC TILE.
7. CAREFULLY REMOVE EXISTING WOOD FRAME DOOR & SIDELITE. PROVIDE NEW ALUMINUM STOREFRONT DOOR FRAME WITH GLAZING. STOREFRONT FRAMING COLOR AND GLAZING TINT TO MATCH EXISTING. RE: SHEET A3-03.
8. WHERE DISTANCE FROM PUSH BUTTON TO DOOR EXCEEDS 5 FEET ADJUST OPERATOR SETTINGS TO ALLOW OCCUPANT SUFFICIENT TIME TO APPROACH AND ENTER THE BUILDING.
9. DEMO EXISTING SLOPING CONCRETE. REFER TO DETAIL 01/A3-02.
10. EXISTING SIDEWALK TO REMAIN.
11. PUSH PLATE POST. MANUFACTURER: BEA SENSORS, MODEL #10BOLLARDBRZ. COLOR: BRONZE. RE: MEP AND DETAIL 04/A3-02.
12. JAMB PUSH PLATE. MANUFACTURER: BEA SENSORS, MODEL #10PBJAM1
13. DUAL VESTIBULE PUSH PLATE. MANUFACTURER: BEA SENSORS. MODEL #10PBDOOP1. RE: MEP.
14. CAREFULLY REMOVE EXISTING SECURITY BARS ON EXISTING STOREFRONT WINDOW. RETURN TO OWNER FOR STORAGE.

KEYED NOTES 02

1. REFER TO SHEET A0-01 INDEX FOR GENERAL NOTES, SYMBOLS LEGEND AND OTHER IMPORTANT INFORMATION.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IN PLAN TO THE ARCHITECT / ENGINEER BEFORE ANY WORK COMMENCES.
3. ALL DOORS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. HARDWARE AND LATCHSETS TO BE MODIFIED AS REQUIRED TO ENSURE FULL FUNCTIONALITY WITH SCHEDULED DOOR OPERATOR.
4. ALL NEW DOOR HARDWARE SHALL BE A.D.A. AND T.A.S. COMPLIANT.
5. ALL WOOD BLOCKING AND COMPONENTS WITHIN PARTITIONS AND CEILING PLENUM SHALL BE FIRE TREATED. COORDINATE WITH MANUFACTURER BLOCKING REQUIRED TO PROPERLY SUPPORT OPERATORS.
6. "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION SUCH AS WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS OR ADJACENT TO EXISTING CONSTRUCTION.
7. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL NOT BE LOCATED WHERE USE PUTS THE PERSON ACTIVATING THE DOOR IN THE PRIMARY SWING PATH OF DOOR.
8. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL BE MOUNTED IN LOCATION WHERE PERSON HAS FULL SIGHT OF THE DOOR AND SHALL NOT BE LOCATED BEHIND DOOR WHEN FULLY OPENED.
9. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS MUST BE LOCATED BETWEEN 1'-5 FEET FROM DOOR.
10. PLACEMENT OF SWITCHES/PUSH BUTTONS AND CLEARANCES PERTAIN TO BOTH ENTRY AND EXIT OF SCHEDULED DOORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
11. NO SURFACE MOUNTED/EXPOSED CONDUIT PERMITTED.
12. ALL ACTUATORS SHALL BE 4½" SQUARE STAINLESS STEEL PLATE WITH ACCESSIBILITY LOGO AND "PUSH TO OPEN" TEXT. MANUFACTURER: BEA SENSORS, MODEL #10PB4451 UNLESS OTHERWISE NOTED.

GENERAL NOTES 01

ISSUE LOG

NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-10-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT STATE OF TEXAS 3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS - CDBG
NORTHSIDE HEALTH CENTER
8504 SCHULLER
HOUSTON, TEXAS 77093
WBS No. H-000102-0003-4

APPROVALS :
PROJECT MANAGER DATE
CHIEF ENGINEER DATE
ASSISTANT DIRECTOR DATE

CONSULTANTS:
ARCHITECT:
Brejon + Associates Architects, Inc.
MEP ENGINEER:
ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
8118 S. SAM HOUSTON PARKWAY W., SUITE 300
HOUSTON, TEXAS 77083

E+A PROJECT NO. 14001.02
ACAD DWG. FILE :
DRAWN BY : DLL
CHECKED BY : CT, RE
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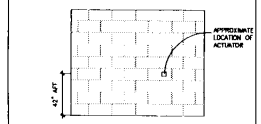
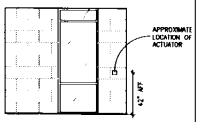
SHEET TITLE :
ARCHITECTURAL FLOOR PLAN - NORTHSIDE HC

A2 05
SHEET NO. 8 OF 20 SHEETS

CITY DWG NO :



AREA OF WORK B EXTERIOR 1/4" = 1'-0" 17



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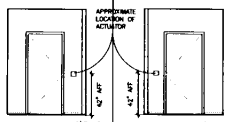

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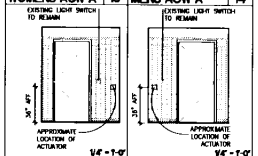
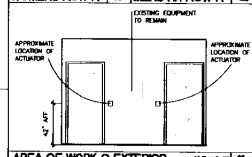


WOMENS AOW A 1/4" = 1'-0" 13 | MENS RR AOW A 1/4" = 1'-0" 12



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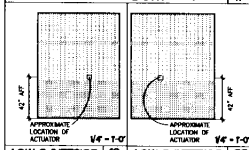

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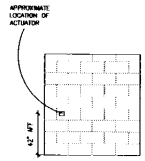

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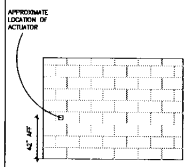

*FIELD VERIFY HORIZONTAL DIMENSIONS AT ALL LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCY WITH APPROXIMATE CONDITION SHOWN.

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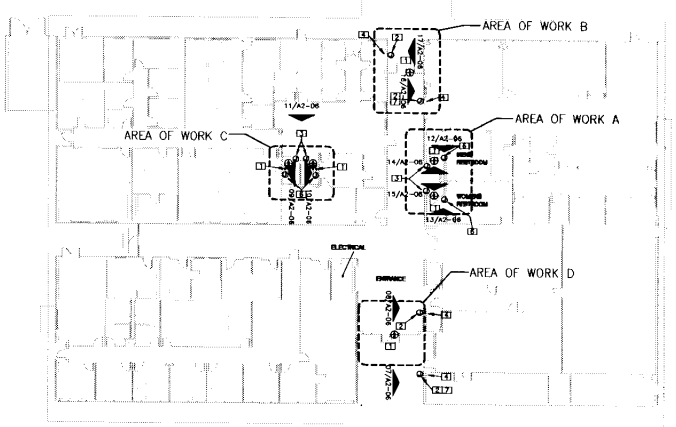

ARCHITECTURAL FLOOR PLAN - SOUTHWEST MULTI-SERVICE CENTER 1/8" = 1'-0" 02

KEYED NOTES 04

1. PROVIDE NEW LOW ENERGY DOOR OPERATOR. MANUFACTURER: STANLEY SECURITY SOLUTIONS; MAGIC FORCE OPERATOR (LOW ENERGY). RE: MEP FOR ADDITIONAL INFO AND PLAN SPECS.
2. CAREFULLY SAW CUT AND REMOVE PORTION OF EXISTING STONE WALL TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. CONTRACTOR TO ENSURE DEMO OF STONE WALL IS APPROPRIATE/COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF STONE WALL. ENSURE WEATHER TIGHT SEAL AROUND NEW JUNCTION BOX AND FACE PLATE. WIRING TO BE ROUTED IN WALL CAVITY. NO SURFACE MOUNTED J-BOXES OR CONDUIT ALLOWED UNLESS OTHERWISE NOTED. RE: MEP.
3. PROVIDE RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CAREFULLY REMOVE PORTION OF EXISTING DYP. BD. WALL AS REQUIRED TO RUN WIRING THROUGH CAVITY. ENSURE HOLE IS CUT SMALLER THAN FACE PLATE SUCH THAT PLATE FULLY COVERS ANY REMOVED PORTION OF WALL. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH EXISTING ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
4. WHERE EXTERIOR RECESSED J-BOXES ARE INSTALLED REMOVE PORTION OF EXISTING INTERIOR DRYWALL AS REQUIRED TO ACCESS CAVITY WALL PATH FOR NEW SPECIFIED WIRING. RE: MEP. REPAIR, TAPE AND FLOAT WALL AS REQUIRED TO ENSURE A SMOOTH CONSISTENT FINISH FROM FLOOR TO CEILING AND CORNER TO CORNER. WALL FINISH TO MATCH ADJACENT WALLS. RETAIN PIECE OF CUT SHEET FOR COLOR ANALYZER PAINT MATCH.
5. NOT USED.
6. CAREFULLY SAW CUT EXISTING CERAMIC TILE TO INSTALL RECESSED J-BOX FOR FLUSH MOUNTED ACTUATOR SWITCH PLATE AT THIS LOCATION. RE: MEP. CONTRACTOR TO ENSURE DEMO OF CERAMIC TILE IS APPROPRIATE AND COORDINATED WITH SIZE FOR NEW J-BOX. SWITCH PLATE TO BE MOUNTED FLUSH AND CONTRACTOR TO ENSURE IT FULLY COVERS ANY REMOVED PORTION OF CERAMIC TILE.
7. WHERE DISTANCE FROM PUSH BUTTON TO DOOR EXCEEDS 5 FEET, ADJUST OPERATOR SETTINGS TO ALLOW OCCUPANT SUFFICIENT TIME TO APPROACH AND ENTER THE BUILDING.

GENERAL NOTES 01

1. REFER TO SHEET A0.01 NOTES FOR GENERAL NOTES, SYMBOLS LEGEND AND OTHER IMPORTANT INFORMATION.
2. FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IN PLAN TO THE ARCHITECT / ENGINEER BEFORE ANY WORK COMMENCES.
3. ALL DOORS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. HARDWARE AND LATCHSETS TO BE MODIFIED AS REQUIRED TO ENSURE FULL FUNCTIONALITY WITH SCHEDULED DOOR OPERATOR.
4. ALL NEW DOOR HARDWARE SHALL BE A.D.A. AND T.A.S. COMPLIANT.
5. ALL WOOD BLOCKING AND COMPONENTS WITHIN PARTITIONS AND CEILING PLENUM SHALL BE FIRE TREATED. COORDINATE WITH MANUFACTURER BLOCKING REQUIRED TO PROPERLY SUPPORT OPERATORS.
6. "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION SUCH AS WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS OR ADJACENT TO EXISTING CONSTRUCTION.
7. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL NOT BE LOCATED WHERE USE PUTS THE PERSON ACTIVATING THE DOOR IN THE PRIMARY SWING PATH OF DOOR.
8. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS SHALL BE MOUNTED IN LOCATION WHERE PERSON HAS FULL SIGHT OF THE DOOR AND SHALL NOT BE LOCATED BEHIND DOOR WHEN FULLY OPENED.
9. ALL DOOR ACTUATOR SWITCHES/PUSH BUTTONS MUST BE LOCATED BETWEEN 1-5 FEET FROM DOOR
10. PLACEMENT OF SWITCHES/PUSH BUTTONS AND CLEARANCES PERTAIN TO BOTH ENTRY AND EXIT OF SCHEDULED DOORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.
11. NO SURFACE MOUNTED/EXPOSED CONDUIT PERMITTED.
12. ALL ACTUATORS SHALL BE 4X4" SQUARE STAINLESS STEEL PLATE WITH ACCESSIBILITY LOGO AND "PUSH TO OPEN" TEXT. MANUFACTURER: BEA SENSORS, MODEL #10PBS451 UNLESS OTHERWISE NOTED.

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT 3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS - CDBG
SOUTHWEST MULTI-SERVICE CENTER
6400 HIGH STAR
HOUSTON, TEXAS 77074
WBS No. H-000102-0003-4

APPROVALS :
PROJECT MANAGER DATE
CHIEF ENGINEER DATE
ASSISTANT DIRECTOR DATE

CONSULTANTS:
ARCHITECT
English + Associates Architects, Inc.
MEP ENGINEER
ACCESSIBILITY CONSULTANT
ACCESSIBLE DESIGN SOLUTIONS
5555 W. SAM HOUSTON PARKWAY N., SUITE 300
HOUSTON, TEXAS 77092

E+A PROJECT NO : 14001.02
ACAD DWG. FILE :
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CHECKED BY : CT, KE
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SHEET TITLE :
ARCHITECTURAL FLOOR PLAN - SOUTHWEST MSC

A2-06

SHEET NO. 9 OF 20 SHEETS

CITY DWG NO :

SECTION 08 71 13 00716
AUTOMATIC DOOR OPERATORS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

A. This Section includes the following types of automatic door operators:
1. Exterior and interior, automatic door operators, low energy, with visible mounting.
2. Automatic door operators shall be configured for doors as follows:
   a. Simultaneous pairs, out swing, in swing, or double egress
   b. Simultaneous pairs, with single operator, out swing or in swing
   c. Single doors, out swing or in swing.

B. Related Sections:
1. Division 8 Section "Doors and Frames" for entrances furnished separately in Division 8 Section.
2. Division 8 Section "Aluminum-Framed Entrances and Storefronts" for entrances furnished separately in Division 8 Section.
3. Division 8 Section "Door Hardware" for hardware to the extent not specified in this Section.
4. Division 26 (16) Sections for electrical connections including conduit and wiring for automatic door operators.

1.03 REFERENCES

General: Standards listed by reference, including revisions by issuing authority, form a part of this specification section to extent indicated. Standards listed are identified by issuing authority, authority abbreviation, designation number, title or other designation established by issuing authority. Standards subsequently referenced herein are referred to by issuing authority abbreviation and standard designation.

A. Underwriters Laboratories (UL):
1. UL 325 - Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems.

B. American National Standards Institute (ANSI)/Builders' Hardware Manufacturers Association (BHMA):
1. ANSI/BHMA A156.10: Standard for Power Operated Pedestrian Doors
2. ANSI/BHMA A156.19: Standard for Power Assist and Low Energy Power Operated Doors

C. American Society for Testing and Materials (ASTM):
1. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
2. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate

D. Builders' Hardware Manufacturers Association (BHMA):
1. BHMA A156.10 - Standard for Power Operated Pedestrian Doors.

E. American Association of Automatic Door Manufacturers (AAADM):

F. National Fire Protection Association (NFPA):
1. NFPA 101 - Life Safety Code.
2. NFPA 70 - National Electric Code.

G. International Conference of Building Officials (ICBO):
1. UBC 1997: Uniform Building Code

H. California Department of Forestry and Fire Protection, Office of the State Fire Marshal:

I. International Standards Organization (ISO)
1. ISO 9001 - Standard for Manufacturing Quality Management Systems

J. National Association of Architectural Metal Manufacturers (NAAMM):
1. Metal Finishes Manual for Architectural and Metal Products

K. American Architectural Manufacturers Association (AAMA):
1. AAMA 607.1 - Clear Anodic Finishes for Architectural Aluminum
2. AAMA 611 Voluntary Specification for Anodized Architectural Aluminum.

1.04 DEFINITIONS

A. Activation Device: Device that, when actuated, sends an electrical signal to the door operator to open the door

1.05 PERFORMANCE REQUIREMENTS

A. Provide automatic door operators capable of withstanding structural loads and thermal movements based on testing manufacturer's standard units in assemblies similar to those indicated for this Project.

B. Operating Range: Minus 30 deg F (28 deg C) to 130 deg F (54 deg C).

C. Opening-Force Requirements for Egress Doors: In the event power failure to the operator, swinging automatic entrance doors shall open with a manual force, not to exceed 30 lbf (133 N) applied at 1" (25 mm) form the latch edge of the door.

D. Break Away Requirements: Automatic door operators shall breakaway with no more than 50 lbf (222 N) applied at 1" (25 mm) from the latch edge of the door.

E. Door Energy: The kinetic energy of a door in motion shall not exceed 1.25 Jul-R (1.69 Nm).

F. Closing Time:
1. Doors shall be field adjusted to close from 90 degrees to 10 degrees in 3 seconds or longer.
2. Doors shall be field adjusted to close from 10 degrees to fully closed in not less than 1.5 seconds.

1.06 SUBMITTALS

A. Submit listed submittals in accordance with Conditions of the Contract and Division 01 submittal procedures.

B. Shop Drawings: Include plans, elevations, sections, details, hardware mounting heights, and attachments to other work. Indicate wiring for electrical supply.

C. Color Samples for selection of factory-applied color finishes.

D. Closeout Submittals: Provide the following with project close-out documents:
1. Owner's manual.
2. Warranties

1.07 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained for installation and maintenance of units required for this Project.

B. Manufacturer Qualifications: A qualified manufacturer with a manufacturing facility certified under ISO 9001 and with company certificate issued by AAADM.

C. Certifications: Automatic door operators shall be certified by the manufacturer to meet performance design criteria in accordance with the following standards:
1. ANSI A156.10
2. NFPA 101
3. UL 325 Listed (Fire Door Operator)
4. ICBO (UBC Standard 10-1)
5. California Department of Forestry and Fire Protection, Listed.

D. Source Limitations: Obtain automatic door operators through one source from a single manufacturer.

E. Product Options: Drawings indicate sizes, profiles, and dimensional requirements of automatic entrance door assemblies and are based on the specific system indicated. Refer to Division 1 Section "Product Requirements".

F. Power Operated Door Standard: ANSI/BHMA A156.19.

G. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

H. Emergency-Exit Door Requirements: Comply with requirements of authorities having jurisdiction for swinging automatic entrance doors serving as a required means of egress.

1.08 PROJECT CONDITIONS

A. Field Measurements: General Contractor shall verify openings to receive automatic door operators by field measurements before fabrication and indicate measurements on Shop Drawings.

B. Mounting Surfaces: General Contractor shall verify all surfaces to be plumb, straight and secure; substrates to be of proper dimension and material.

C. Other trades: General Contractor Advise of any inadequate conditions or equipment.

1.09 COORDINATION

A. Templates: Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing automatic door operators to comply with indicated requirements.

B. Electrical System Roughing in: Coordinate layout and installation of automatic door operators with connections to, power supplies, and remote activation devices.

C. System Integration: Integrate automatic door operators with other systems as required for a complete working installation:
1. Provide electrical interface control capability for card reader or keypad operation of automatic door operators on doors with electric locking. Wiring required for proper operation, provide a time delay relay to allow automatic door operator to activate only after electric lock system is released

1.10 WARRANTY

A. Automatic door operators shall be free of defects in material and workmanship for a period of one (1) year from the date of substantial completion.

B. During the warranty period the Owner shall engage a factory-trained technician to perform service and effect repairs. safety inspection shall be performed after each adjustment or repair and a completed inspection form shall be submitted to the Owner.

C. During the warranty period all warranty work, including but not limited to emergency service, shall be performed during normal working hours.

PART 2 - PRODUCTS

2.01 AUTOMATIC DOOR OPERATORS

A. Manufacturer: Stanley Access Technologies; Magic-Force™ Series automatic door operator

2.02 MATERIALS

A. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.
1. Hardware: 6063-T6.
2. Extruded Bars, Rods, Profiles, and Tubes: ASTM B 221.
3. Sheet and Plate: ASTM B 209.

B. Sealants and Joint Fillers: Refer to Division 7 Section "Joint Sealants".

2.03 COMPONENTS

A. Header Cover: Header cover shall not exceed 8" (152 mm) square in section and shall be fabricated from extruded aluminum with structurally engineered and safety designed to carry door operator and controls. The operator shall be sealed against dust, dirt, and contaminants. The header cover Access to the operator and electronic control box shall be provided by a full-length removable cover, edge rabbetted to the header to ensure a flush fit. Removable cover shall be secured to prevent unauthorized access.

B. Door Arms: A combination of door arms and linkage shall provide positive control of door through entire swing; units shall permit use of butt hung, center pivot, and offset pivot-hung doors.

C. Fasteners and Accessories: Manufacturer's standard corrosion-resistant, non-staining, non-bleeding fasteners and accessories compatible with adjacent materials.

D. Signage: Provide signage in accordance with ANSI/BHMA A156.19.

2.04 SWINGING DOOR OPERATORS

A. Provide door operators of size recommended by manufacturer for door size, weight, and movement, for condition of exposure, and for long-term, maintenance-free operation under normal traffic load for type of occupancy indicated.

B. Electromechanical Operators: Self-contained unit powered by a minimum 1/4 HP horsepower, permanent-magnet DC motor; through a high torque worm gear drive.
1. Operation: Power opening and spring closing
2. Operator Type: Low energy, readily convertible to full energy; no tools required to change type.
3. Handing: Non-handed; no tools required to change handing.
4. Capacity: Rated for door panels weighing up to 350 pounds
5. Mounting: Visible
6. Features:
   a. Adjustable opening and closing speeds
   b. Adjustable opening and closing force.
   c. Adjustable back-check
   d. Adjustable hold-open time between 0 and 30 seconds.
   e. Power-assist function
   f. Variable rate open/closed speed control
   g. Closed loop speed control with active braking and acceleration
   h. Variable obstruction recycle time delay.
   i. Optional Switch to open/Switch to close operation.
   j. When components are provided in pairs, adjustable features are independently adjustable for each operator.

C. Field Adjustable Spring Closing Operation: The operator shall close the door by spring energy employing the motor, as a dynamic brake to provide closing speed control. The closing spring shall be a helical compression spring, adjustable for positive closing action. The spring shall be adjustable, without removing the operator from the header, to accommodate a wide range of field conditions.

D. Independent Adjustable Closing and Latching Speed Control: The operator shall employ a theoretical module to allow for independent field adjustment of closing and latching speeds using the motor as a dynamic brake.

E. Field Adjustable Open Stop: The operator shall provide a field adjustable open stop to accommodate opening angles from 80 to 135 degrees without the need for additional components.

F. Consistent Cycle: The operator shall deliver an even, consistent open force across the entire transition from door fully closed to door fully open. Additionally, the range of the force shall be field adjustable to accommodate a wide range of on-site conditions.

G. Quiet Performance: The operator shall be designed to output audible noise ratios less than or equal to 50db.

H. Manual Use: The operator shall function as a manual door closer in the direction of swing with or without electrical power. The operator shall deliver an even, consistent open force across the entire transition from door fully closed to door fully open.

I. Electrical service to door operators shall be provided under Division 16 Electrical. Minimum service to be 120 VAC, 10 amps for doors with operators in pairs, 5 amps for single doors.

2.05 ELECTRICAL CONTROLS

A. Electrical Control System: Electrical control system shall include a microprocessor controller and position encoder. The encoder shall monitor revolutions of the operator shaft and send signals to microprocessor controller to define door position. Systems utilizing external magnets and magnetic switches are not acceptable.

B. Life Cycle Data Counter: The microprocessor control shall incorporate a non-resettable counter to track door operation cycles.

C. Controller Protection: The microprocessor controller shall incorporate the following features to ensure trouble free operation:
1. Automatic Reset Upon Power Up.
2. Main Fuse Protection.
3. Electronic Surge Protection.
4. Internal Power Supply Protection.
5. Resettable sensor supply fuse protection
6. Software "Watchdog" protection in the case of software malfunction

D. Push Button Interface with LED: The controller shall have push button switches with LED readout to allow for selection or change of the following parameters: carpet or timer logic, single or dual door, activation sensor, normal back check or large back check, push-to-open reset on/off.

E. Soft Start/Stop: A "soft-start" "soft-stop" motor driving circuit shall be provided for smooth normal opening and recycling.

F. Safety Search Circuitry: Provide system to recycle the swinging panels when an obstruction is encountered during the closing cycle. If an obstruction is detected, the system shall search for that object on the next closing cycle by reducing door closing speed prior to the previously encountered obstruction location, and will continue to close in check speed until doors are fully closed, at which time the doors will reset to normal speed. If obstruction is encountered again, the door will come to a full stop. The doors shall remain stopped until obstruction is removed and operator signal is given, resetting the door to normal operation

G. Programmable Controller: Microprocessor controller shall be programmable and shall be designed for connection to a local configuration tool. Local configuration tool shall be software driven and shall be utilized via Palm® handheld interface. The following parameters may be adjusted via the configuration tool.
1. Operating speeds and forces as required to meet ANSI/BHMA A156.10.
2. Adjustable and variable features as specified in 2.04, B., E.
3. Firmware update
4. Trouble Shooting
   a. I/O Status
   b. Electrical component monitoring including parameter summary.
5. Entrance profile copy/paste.

Software for local configuration tool shall be available as a free download from the automatic door operators manufacturer's internet site.

H. Emergency Breakout Switch: A cam actuated emergency breakout switch shall be provided to disconnect power to the motor when the swinging door is manually pushed in the emergency out direction. The operator will then automatically reset and power will be resumed.

I. Control Switch: Automatic door operators shall be equipped with a three position function switch to control the operation of the door. Control switch shall provide three modes of operation, Automatic, Off, and Hold-Open.

J. Power Switch: Automatic door operators shall be equipped with a two position On/Off switch to control power to the door.

2.06 ACTIVATION DEVICES

A. Activation for Low Energy Doors.
1. Push Plates: Provide 4 3/8 inch (114 mm) square SPDT push plates with UL listed switch. Face plates and mounting studs shall be stainless steel. Face plates shall be engraved with the international symbol for accessibility and Push to Open.
   a. Interior and external push plates shall be wall mounted a single or double gang electrical boxes and hardwired to door operator controls.

2.07 ALUMINUM FINISHES

A. Comply with NAAMM Metal Finishes Manual for Architectural and Metal Products for recommendations for applying and designing finishes. Finish designations prefixed by AA comply with system established by Aluminum Association for designing finishes.

B. Clear Anodic Finish: AA-M10C22A31 Mechanical Finish: as fabricated; Chemical Finish: etched medium matte; Anodic Coating: Architectural Class II, clear coating 0.40 mils minimum complying with AAMA 611 and 607.1, and the following:
1. AAMA 607.1
2. Applicator must be fully compliant with all applicable environmental regulations and permits, including wastewater and heavy metal discharge.

PART 3 - EXECUTION

3.01 INSPECTION

Examine conditions, with Installer present, for compliance with requirements for installation tolerances, header support, and other conditions affecting performance of swinging automatic entrance doors and with Installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

A. Do not install damaged components. Fit joints to produce hairline joints free of burrs and distortion. Rigidly secure non-movement joints.

B. Mounting: Install automatic door operators/headers plumb and true in alignment with established lines and grades. Anchor securely in place.
1. Install surface-mounted hardware using concealed fasteners to greatest extent possible
2. Set headers, arms and linkages level and true to location with allowance for permanent support.

C. Door Operators: Connect door operators to electrical power distribution system as specified in Division 16 Sections.

D. Sealants: Comply with requirements specified in Division7 Section "Joint Sealants" to provide weather tight installation.

3.03 FIELD QUALITY CONTROL

Installing Services: Factory Trained Installer shall test and inspect each swinging automatic entrance door to determine compliance of installed systems with applicable ANSI standards.

3.04 ADJUSTING

Adjust door operators, controls, and hardware for smooth and safe operation, for weather-tight closure, and complying with requirements in ANSI/BHMA A156.19 by AAADM Certified Technician.

3.05 CLEANING AND PROTECTION

Clean surfaces promptly after installation. Remove excess sealant compounds, dirt, and other substances. Repair damaged finish to match original finish.

END OF SECTION (08 71 13 00716)

AUTOMATIC DOOR OPERATOR SPECIFICATION | 09

BEA SENSORS - JAMB STYLE PUSH PLATES

PRODUCT TECHNICAL SPECIFICATION

DESCRIPTION	SPECIFICATION
DIMENSIONS	
PBJ	W=1.56"(38.1mm); H=4.75"(120.65mm); D=1.31"(33.27mm)
PBJM	W=1.56"(38.1mm); H=4.75"(120.65mm); D=.57"(14.48mm)
PBJMS	W=1.75"(44.45mm); H=4.5"(114.3mm); D=.57"(14.48mm)

PRODUCT ARCHITECTURAL SPECIFICATIONS

Push Plates, Wired: Push plates shall utilize a single pole dry contact switch capable to provide a normal open or normally closed contact.

A. Push plates provide with no exposed fasteners on faceplate area.
B. Faceplate utilizes an abrasive etch lettering and/or logo. Push plates made of plastic, or having surface applied painted or decaled lettering shall not be acceptable.
C. Stainless steel rectangular jamb style push plate (PBJ) for mounting on guide rails and swing doors.
   1. Beveled edges provide a tamper and vandal proof solution.
   2. All-activate plate activates with any "push" location.
   3. Weather boot provided between plate and plate back.
   4. Model 10PBJM1 Handicapped logo and marked PUSH TO OPEN, 4.75 inches (120 mm) by 1.50 inches (38.10 mm) by 1.31 inch (33.27 mm).

PUSH PLATE SPECIFICATION | 04

BEA SENSORS - SQUARE STYLE PUSH PLATES

PRODUCT ARCHITECTURAL SPECIFICATIONS

Stainless steel square style push plate (PBS) for bollard and wall mount applications

A. Push plates provide with no exposed fasteners on faceplate area.
B. Faceplate utilizes an abrasive etch lettering and/or logo. Push plates made of plastic, or having surface applied painted or decaled lettering shall not be acceptable
C. Stainless steel square style push plate (PBS) for bollard and wall mount applications.
   1. Beveled edges provide a tamper and vandal proof solution.
   2. All-activate plate activates with any "push" location.
   3. Weather boot provided between plate and plate back
   4. Model 10PBS451 Handicapped logo and marked PUSH TO OPEN, 4.5 inches (114.30 mm) by 4.5 inches (114.30 mm) by 1.36 inch (34.43 mm)
   5. Surface Mount
   6. Flush Mount

PUSH PLATE SPECIFICATION | 03

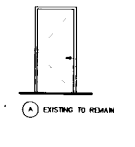
BEA SENSORS - DUAL VESTIBULE STYLE PUSH PLATES

PRODUCT ARCHITECTURAL SPECIFICATIONS

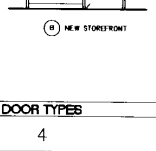
Push Plates, Wired: Push plates shall utilize a single pole dry contact switch capable to provide a normal open or normally closed contact

A. Push plates provide with no exposed fasteners on faceplate area.
B. Faceplate utilizes an abrasive etch lettering and/or logo. Push plates made of plastic, or having surface applied painted or decaled lettering shall not be acceptable
C. Stainless steel dual (2) rectangular switch plates for vestibule applications, energy saving, only opens necessary doors.
   1. Screws come in multiple sizes (#8 & #8) to fit both single and double gang mounting boxes
   2. Beveled edges provide a tamper and vandal proof solution.
   3. All-activate plate activates with any "push" location.
   4. Weather boot provided between plate and plate back
   5. Model 10PBSDUF1 Handicapped logo and marked PUSH TO OPEN, 5.00 inches (127 mm) by 4.75 inches (120.65 mm) by 1.36 inch (34.55 mm)
   6. Flush Mount

PUSH PLATE SPECIFICATION | 02



(A) EXISTING TO REMAIN



(B) NEW STOREFRONT

TYPE 0 - EXISTING TO REMAIN

TYPE B - PRIVACY LOCK W/ CLOSER
1 1/2 PR. HINGES BLDG. STD.
1 ea. EXISTING PRIVACY LOCK TO REMAIN
1 ea. PULL SS, FIN. BLDG. STD.
1 ea. PUSH PLATE BLDG. STD.
1 ea. KICK PLATE BLDG. STD.
1 ea SILENCER BLDG. STD
1 ea WALL STOP BLDG. STD
1 ea AUTOMATIC CLOSER

*CAREFULLY REMOVE EXISTING LATCHSET AND RETURN TO BLDG. OWNER WHERE APPLICABLE

TYPE BL - DEADBOLT W/ CLOSER - SINGLE
1 EA. CONTINUOUS HINGES
1 EA. PANIC HARDWARE
1 EA. RIM CYLINDER
1 EA. MORTISE CYLINDER
1 EA. DOOR PULL
1 EA. SURFACE CLOSER
1 EA. MOUNTING PLATE
1 EA. CUSH SHOE SUPPORT
1 EA. BLADE STOP SPACER
1 EA. DOOR SWEEP
1 EA. THRESHOLD
1 EA. SEALS
1 EA. DOOR CONTACT

NOTE:
ALL INTERIOR DOORS SHALL BE OPERABLE WITH A SINGLE EFFORT (NO GRASPING OR WRIST MOVEMENT). MOUNTED BETWEEN 30" AND 44" ABOVE FINISH FLOOR ALLOWABLE CLOSURE PRESSURE

INTERIOR DOORS	3 POUNDS
EXTERIOR DOORS	15 POUNDS
FIRE DOORS	15 POUNDS

DOOR TYPES | 05

HARDWARE TYPES | 01

SCALE

ISSUE LOG

NO	DATE	DESCRIPTION
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT KATHERINE A. FRANCIS STATE OF TEXAS
3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME:
AUTOMATIC ENTRY DOOR OPERATORS - CDBG

WBS No. H-000102-0003-4

APPROVALS:
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
English + Associates Architects, Inc.
MEP ENGINEER:
ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
6116 S. MAIN HOUSTON FARMCRAFT 6L, SUITE 320 HOUSTON, TEXAS 77030

E + A PROJECT NO: 14001.02
ACAD DWG. FILE:
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CHECKED BY: CT, KE
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SHEET TITLE: SPECIFICATIONS

A3 - 01A

SHEET NO. 10 OF 20 SHEETS

CITY DWG NO:

SECTION 08410 - ALUMINUM FRAMED ENTRANCES AND STOREFRONTS

PART 1 - GENERAL

1.1 SUMMARY

1.2 REFERENCES

1.3 PERFORMANCE REQUIREMENTS

1.4 SUBMITTALS

1.5 QUALITY ASSURANCE

1.6 PROJECT CONDITIONS

1.7 WARRANTY

PART 2 - PRODUCTS

2.1 MANUFACTURERS

2.2 MATERIALS

2.3 STOREFRONT FRAMING SYSTEM

2.4 GLAZING SYSTEM

2.5 ACCESSORY MATERIALS

2.6 FABRICATION

2.7 ALUMINUM FINISHES

PART 3 - EXECUTION

3.1 EXAMINATION

3.2 INSTALLATION

3.3 ADJUSTING, CLEANING, AND PROTECTION

END OF SECTION 08410

STOREFRONT SPECIFICATION

ISSUE LOG		
NO	DATE	DESCRIPTION
3	3-10-14	CONSTRUCTION DOCUMENTS

3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS – CDBG

WBS No. H-000107-0003-4

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ASSISTANT DIRECTOR — DATE

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ARCHITECT:
English + Associates Architects, Inc.
[redacted]
MEP ENGINEER:
[redacted]
ACCESSIBILITY CONSULTANT:
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SHEET NO. 11 OF 20 SHEETS

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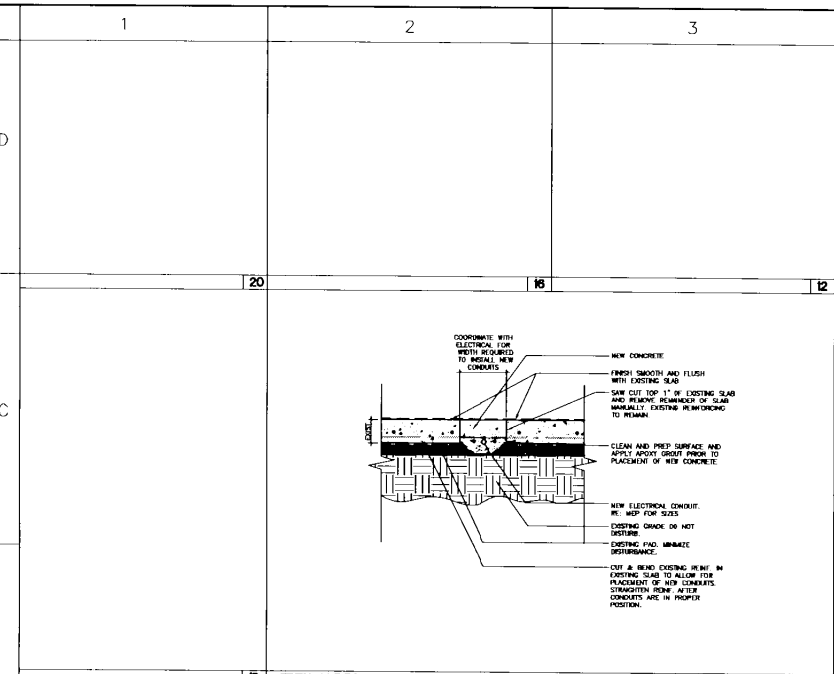
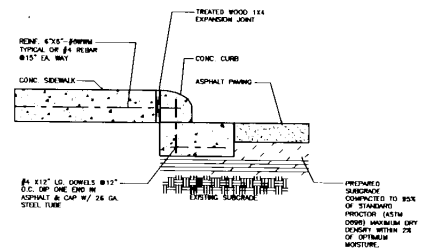
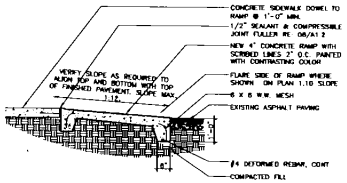


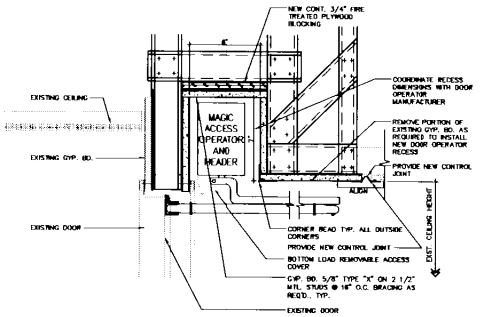
TRENCH DETAIL 1 1/2"=1'-0" 10



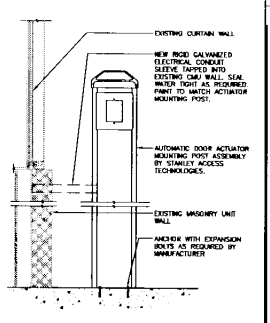
CURB DETAIL 3/4"=1'-0" 03



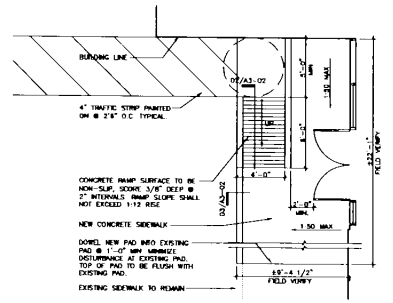
RAMP DETAIL 1/2"=1'-0" 02



DETAIL AT RECESSED OPERATOR 6"=1'-0" 13



POST/BOLLARD DETAIL 3/4"=1'-0" 09



ENLARGED PLAN 1/4"=1'-0" 01

ISSUE LOG		
NO	DATE	DESCRIPTION
3	3-10-14	CONSTRUCTION DOCUMENTS

3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

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AUTOMATIC ENTRY DOOR OPERATORS - CDBG

WBS No. H-000102-0003-4

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ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
English + Associates Architects, Inc.
MEP ENGINEER:
[redacted]
ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
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DETAILS

A3-02

SHEET NO. 12 OF 20 SHEETS

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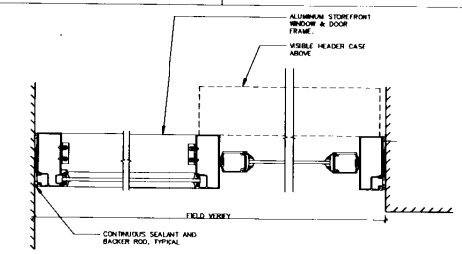
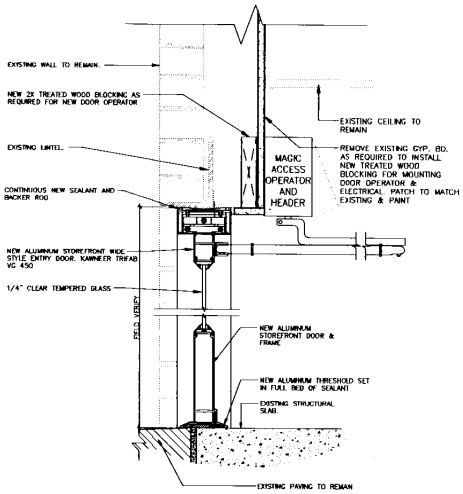
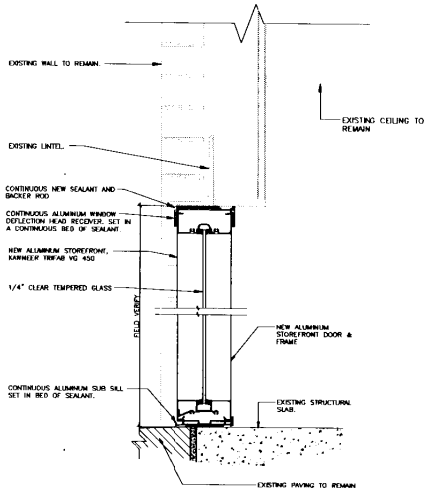


20 16 12 PLAN DETAIL AT STOREFRONT 3"-1'-0" 04



19 18 17 SECTION AT STOREFRONT DOOR 3"-1'-0"



09 SECTION AT STOREFRONT WINDOW 3"-1'-0" 01

ISSUE LOG		
NO.	DATE	DESCRIPTION
3	3-10-14	CONSTRUCTION DOCUMENTS

REGISTERED ARCHITECT STATE OF TEXAS

3-10-14

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS – CDBG

WBS No. H-000102-0003-4

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CONSULTANTS:
ARCHITECT
English + Associates Architects, Inc.
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MEP ENGINEER
[redacted]
ACCESSIBILITY CONSULTANT
ACCESSIBLE DESIGN SOLUTIONS
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SHEET TITLE :
DETAILS AND NOTES

A3-03

SHEET NO. 13 OF 20 SHEETS

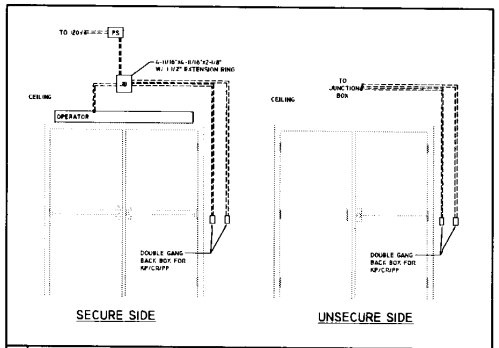
CITY DWG NO :

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
H-1,2,3,5	HOME RUN TO PANEL H, CIRCUITS 1, 2, 3, 5 USING 3#12 (H), 3#12 (N), 1#12 (G), 3/4" C (UNLESS OTHERWISE NOTED) EACH CIRCUIT WILL HAVE ITS OWN NEUTRAL
E	EXISTING EQUIPMENT OR DEVICE
J	EXISTING JUNCTION BOX
	NEMA 5-20R DUPLEX RECEPTACLE, MOUNTED 18" AFF (UON) WP - WEATHER PROOF, GFI - GFCI PROTECTED, IG - ISOLATED GROUND PROVIDE WITH STAINLESS STEEL COVERPLATE AND CIRCUIT NUMBER
	NEMA 5-20R QUADRUPLEX RECEPTACLE, MOUNTED 18" AFF (UON) WP - WEATHER PROOF, GFI - GFCI PROTECTED, IG - ISOLATED GROUND PROVIDE WITH STAINLESS STEEL COVERPLATE AND CIRCUIT NUMBER
	CONDUIT TURNING UP CONDUIT TURNING DOWN
PB PH	PUSH BUTTON / PH - PEDESTAL-MOUNTED
DO	DOOR OPENER
	UNDERGROUND/SLAB CONDUIT
(LV)	LOW VOLTAGE CONDUIT FOR CABLE PULLING BY OTHERS. PROVIDE PULL STRING & COORDINATE EXACT ROUTING IN THE FIELD WITH DOOR OPENER VENDOR
(120)	120V CONDUIT

GENERAL NOTES:

1. SYMBOL LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED ON ALL DRAWINGS
2. ABBREVIATION DEFINITIONS ARE NOT COMPREHENSIVE, AND NOT ALL ABBREVIATIONS MAY APPLY TO ALL DRAWINGS. SUBMIT FORMAL REQUEST FOR INFORMATION WHEN ENCOUNTERING CONFLICTS OR AMBIGUOUS SYMBOLS OR ABBREVIATIONS, AS THESE WILL NOT CONSTITUTE DISMISSAL OF CONTRACTOR RESPONSIBILITY



EGRESS DETAIL

ELECTRICAL GENERAL NOTES AND SPECIFICATIONS (BOOKS SPECIFICATIONS SUPERCEED ANY NOTES BELOW)

1. SCOPE THIS DIVISION SHALL INCLUDE ALL EQUIPMENT, MATERIALS, AND LABOR REQUIRED FOR COMPLETE INSTALLATION OF ELECTRICAL SYSTEM
   PROJECT INCLUDES INSTALLATION OF NEW ELECTRICAL CIRCUITRY AND RACEWAYS FOR NEW DOOR OPENERS
   CONTRACTOR SHALL PROVIDE ALL REQUIRED APPARATUS REQUIRED FOR FULL OPERATION OF THE ELECTRICAL SYSTEM
2. SITE VISIT AND FAMILIARIZATION CONTRACTORS PROPOSING TO UNDERTAKE WORK UNDER THIS DIVISION SHALL VISIT THE SITE OF THE WORK, AND FULLY INFORM THEMSELVES OF ALL CONDITIONS THAT AFFECT THE WORK, OR COST THEREOF. CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SPECIFICATIONS AS RELATED TO THE SITE CONDITIONS. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER
3. NOTICE CONSIDERATION WILL NOT BE GRANTED FOR ANY ALLEGED MISUNDERSTANDING OF THE AMOUNT OF WORK TO BE PERFORMED. TENDER OF A PROPOSAL SHALL CONVEY FULL AGREEMENT TO ALL TERMS AND CONDITIONS SPECIFIED, INDICATED ON THE DRAWINGS, AND/OR REQUIRED BY NATURE OF THE SITE
4. DISCREPANCIES SHOULD CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS OR BE IN DOUBT AS TO THE INTENT THEREOF, HE SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE SUBMITTING PROPOSAL FOR WORK IN THIS DIVISION
5. DEMOLITION ALL ELECTRICAL COMPONENTS OF THE EXISTING SYSTEM WHICH ARE NOT UTILIZED FOR NEW CONFIGURATION SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR REFER TO DEMOLITION NOTES AND DRAWINGS FOR EXTENT OF WORK
6. TIMELY PLACING OF MATERIALS AND EQUIPMENT: ALL ELECTRICAL APPARATUS SHALL BE INSTALLED AT THE PROPER TIME DURING PROGRESS OF CONSTRUCTION. COORDINATE WORK OPERATIONS WITH OTHER CRAFTS.
7. SPACE REQUIREMENTS CONTRACTOR FOR WORK UNDER THIS DIVISION SHALL BE FULLY RESPONSIBLE FOR DETERMINING SUFFICIENCY OF PURCHASE THAT EQUIPMENT AND MATERIALS PROPOSED FOR INSTALLATION SHALL FIT WITH THE CONFINES INDICATED
8. MANUFACTURERS' LITERATURE DELIVER ALL PRINTED TAGS, INSTRUCTIONS, CERTIFIED DRAWINGS, PARTS LISTS, CERTIFICATES, ETC., SUPPLIED WITH EQUIPMENT ITEMS, TO THE OWNER
9. CODES, PERMITS, AND FEES WORK UNDER THIS DIVISION SHALL BE CONSTRUCTED IN STRICT CONFORMANCE WITH PERTINENT PROVISIONS OF CITY AND STATE BUILDING CODES
   A. ALL WORK SHALL COMPLY WITH THE 2008 EDITION OF NATIONAL ELECTRIC CODE (NEC)
   B. OBTAIN ALL REQUIRED PERMITS. PAY ALL LEGAL FEES FOR PERMITS AND INSPECTIONS BY AUTHORITIES HAVING JURISDICTION
   C. ALL WORK SHALL COMPLY WITH REQUIREMENTS OF CITY OF HOUSTON
10. CUTTING AND PATCHING
    A. CONTRACTOR FOR THIS DIVISION SHALL LAYOUT TO DIMENSION AND LOCATIONS, CUT AND PATCH ALL OPENINGS ON SURFACES TO BE FORMED, FRAMED, OR CUT
    B. SHOULD CONTRACTOR FOR THE DIVISION FAIL TO ADHERE WITH THIS REQUIREMENT, AS WORK PROGRESSES, ANY OPENINGS SHALL BE CUT AND PATCHED BY GENERAL CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR FOR THIS DIVISION
11. PROTECTION OF APPARATUS, TAKE ALL PRECAUTIONS NECESSARY FOR PROPER PROTECTION OF NEW EQUIPMENT, APPARATUS, AND MATERIALS FROM DAMAGE. FAILURE TO DO SO WILL BE CAUSE FOR REJECTION OF ANY ITEM COMING UNDER QUESTION
12. SHOP DRAWINGS CONTRACTOR FOR THIS DIVISION SHALL SUBMIT SHOP DRAWINGS AND CATALOGUE DATA ON ALL MAJOR ITEMS OF EQUIPMENT AND SYSTEMS AND OTHER MATERIAL REQUESTED BY ARCHITECT/ENGINEER. SUBMIT PRODUCT DATA FOR SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, WIRES, CABLES, SUPPORTING DEVICES, IDENTIFICATION COMPONENTS, LIGHT FIXTURES, FIRE ALARM SYSTEM AND COMPONENTS, WIRING DEVICES, MULTI-OUTLET RACEWAYS, CABINETS, AND BOXES. SUBMIT SIX COPIES WITHIN THIRTY (30) DAYS AFTER CONTRACT AWARD, AND IN NOT MORE THAN TWO GROUPS OF SUBMITTALS. SUBMITTALS SHALL CONSIST OF LAYOUTS, WORKING DRAWINGS, CUTS, AND OPERATING AND PERFORMANCE DATA. ALLOW FOUR (4) WEEKS FOR REVIEW AND APPROVAL OF THE SHOP DRAWINGS BY ENGINEER
13. MATERIALS AND WORKMANSHIP ALL MATERIALS AND EQUIPMENT SHALL BE NEW, OF BEST GRADE OF STANDARD MANUFACTURE, APPROVED BY UL, AND BE SO LABELED. FOR WIRE AND CABLE, MARKED AS REQUIRED BY ART. 310-2, NEC. INSTALLED BY SKILLED ELECTRICIAN, WORKING UNDER THE DIRECT SUPERVISION OF COMPETENT EXPERIENCED FOREMAN AND/OR SUPERINTENDENTS. PRODUCTS SHALL BE INSTALLED IN A THOROUGH, WORKMANLIKE MANNER, PRESENTING A NEAT, CLEAN-CUT APPEARANCE WHEN COMPLETED ANY PART OR PARTS NOT MEETING THIS REQUIREMENT SHALL BE REPLACED OR REBUILT WITHOUT EXTRA EXPENSE TO OWNER
14. PROTECTION OF EXISTING PLENUM CABLE SHALL BE PROPERLY SECURED ABOVE CEILING PER APPLICABLE CODES
15. WIRING METHODS THE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW THE LOCATIONS OF EQUIPMENT AND ARRANGEMENT OF CIRCUITS ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY ACTUAL MEASUREMENT AT THE SITE. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL RISES, DROPS, OFFSETS, ETC. NECESSARY TO AVOID CONFLICT WITH STRUCTURAL MEMBERS AND SIMILAR ITEMS. WHEN INSTALLING ELECTRICAL CONDUITS, INSTALL EXPOSED CONDUIT AS SHOWN OR NOTED, PARALLEL TO HORIZONTAL AND VERTICAL LINES OF STRUCTURES. MAKE BENDS WITH 90 DEGREE TURN ONLY, OR WITH APPROVED FITTINGS
16. CONDUIT FURNISH A COMPLETE RACEWAY SYSTEM FOR BUT NOT LIMITED TO FEEDER, BRANCH CIRCUITS, CONTROL WIRING, AND AUXILIARY SYSTEM WIRING
    A. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT AND FITTINGS FOR ALL MOTORIZED CONNECTIONS, WHERE EQUIPMENT IS SUBJECT TO MOVEMENT, OR LOCATED OUTDOOR
    B. WHERE ENTERING PANELS, PULL BOXES, J-BOXES, OR OUTLET BOXES SECURED FLACE WITH LOCK NUTS INSIDE AND OUTSIDE, AND INSULATED BUSHING INSIDE
    C. BENDS AND OFFSETS MADE WITH APPROVED TOOLS ONLY. BENDS OR OFFSETS IN WHICH THE PIPE IS CRUSHED OR DEFORMED SHALL NOT BE INSTALLED
    D. USE EMT FOR INTERIOR DRY LOCATIONS, PVC FOR UNDERGROUND INSTALLATION, AND RIGID GALVANIZED STEEL FOR EXPOSED LOCATIONS SUBJECT TO DAMAGE
17. OUTLET AND JUNCTION BOXES FURNISH AND INSTALL ALL JUNCTION BOXES REQUIRED TO FACILITATE INSTALLATION OF THE VARIOUS CONDUIT SYSTEMS. JUNCTION BOXES SHALL BE SUITABLE FOR ENVIRONMENT AND APPLICATION USED FOR
18. WIRE AND CABLE ALL WIRE AND CABLE SHALL
    A. BE NEW AND OF SOFT DRAWN, UNNEALED, COPPER HAVING A CONDUCTIVITY OF NOT LESS THAN 98% OF THAT OF PURE COPPER, EACH WIRE CONTINUOUS WITHOUT WELD SPLICE OR JOINT THROUGHOUT ITS LENGTH, UNIFORM IN CROSS SECTION AND FREE FROM FLAWS, SCALES, AND OTHER IMPERFECTIONS
    B. UNLESS OTHERWISE SPECIFIED OR NOTED, WIRES SHALL BE # 12 AWG (FOR PHASE, NEUTRAL, AND GROUND CONDUCTORS) TYPE THW, THWN, THHN, AS MANUFACTURED BY TRIANGLE, GENERAL ELECTRIC, OFNAITE, OR ANACONDA
    C. ALL WIRE NO. 8 AND LARGER SHALL BE STRANDED
    D. NOT BE DRAWN INTO A CONDUIT UNTIL ALL WORK WHICH MAY CAUSE INJURY TO INSULATION IS COMPLETE. WHERE TWO OR MORE CIRCUITS RUN TO A SINGLE OUTLET BOX, TAG EACH CIRCUIT AS A GUIDE
    E. HAVE ALL STRANDED CONDUCTORS FURNISHED WITH COPPER CONNECTING LUGS, DRILLED OR REAMED THE FULL DIAMETER OF THE BARE CONDUCTORS. MAINS AND FEEDERS SHALL BE RUN THEIR ENTIRE LENGTH IN CONTINUOUS PIECES WITHOUT JOINTS OR SPLICES
19. IDENTIFICATION OF CONDUCTORS AND PANELBOARD ELEMENTS
    A. EACH AND EVERY MAIN AND FEEDER CONDUCTOR SHALL BE IDENTIFIED AT EACH OUTLET POINT WHERE SUCH CONDUCTOR TERMINATES. FEEDER BUNDLE PASSING THROUGH A JUNCTION OR SUPPORT BOX SHALL ALSO BE IDENTIFIED WITHIN SUCH ENCLOSURE, BUT MAY BE IDENTIFIED IN SUCH LOCATIONS AS A GROUP
    B. IDENTIFY BY USE OF PERMANENT TYPE BANDS, BRADY, OR T AND B, A DEFINITE NUMBER AND OR LETTER CODE SHALL BE EMPLOYED AND BE UNIFORM THROUGHOUT EACH CONDUCTOR
    C. IDENTIFY EACH SWITCH, INCLUDING MAIN DISCONNECT AND MOTOR STARTER WITH WHITE-ON-BLACK NAMEPLATE, EACH HAVING 1" HIGH LETTERS. NEATLY AND SECURELY ADHERE NAMEPLATES TO THE UNIT
20. WIRING DEVICES FURNISH AND INSTALL ALL WIRING DEVICES AS INDICATED ON THE DRAWINGS. DEVICES FURNISHED SHALL IN ALL CASES BE SUITABLE FOR THE USE INTENDED AND SHALL HAVE VOLTAGE AND CURRENT RATINGS ADEQUATE FOR THE LOADS TO BE SERVED
    A. INSTALL WIRING DEVICES AND ACCESSORIES PLUMB AND LEVEL, IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, APPLICABLE REQUIREMENTS OF NEC AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES TO FULFILL PROJECT REQUIREMENTS
    B. TIGHTEN CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S PUBLISHED TORQUE VALUES FOR WIRING DEVICES
    C. COORDINATE WITH OTHER WORK, INCLUDING PAINTING, ELECTRICAL BOXES AND WIRING INSTALLATIONS, AS NECESSARY TO INTERFACE INSTALLATION OF WIRING DEVICES WITH OTHER WORK
    D. INSTALL WIRING DEVICES AFTER WIRING WORK IS COMPLETED. INSTALL ONLY IN ELECTRICAL BOXES THAT ARE CLEAN, FREE FROM EXCESS BUILDING MATERIALS, DIRT AND DEBRIS. INSTALL WALL PLATES AFTER PAINTING WORK IS COMPLETED

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS - CDBG

WBS No. H-000102-0003-4

APPROVALS :
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
Graham + Associates Architects, Inc.
[redacted]

MEP ENGINEER:
[redacted]

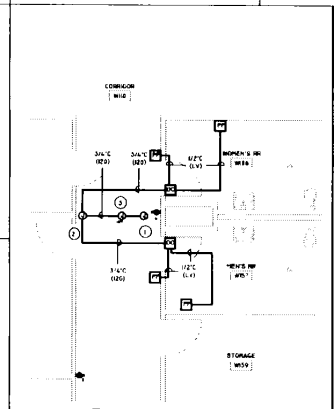
ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
5535 N. SAM HOUSTON PARKWAY E., SUITE 300
HOUSTON, TEXAS 77086

E+A PROJECT NO : 14001.02
ACAD DWG. FILE :
DRAWN BY :
CHECKED BY :
COPY RIGHT :
SHEET TITLE :
NOTES, SCHEDULES, AND LEGEND

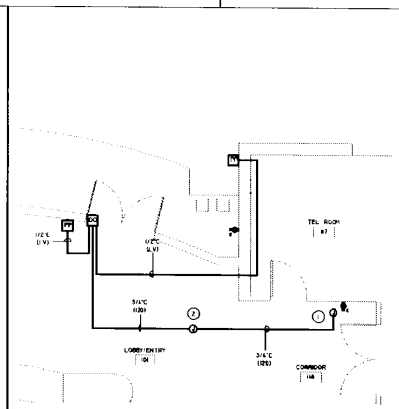
E1-01

SHEET NO. OF SHEETS

CITY DWG NO :



4 AREA OF WORK C
1/4" = 1'-0"



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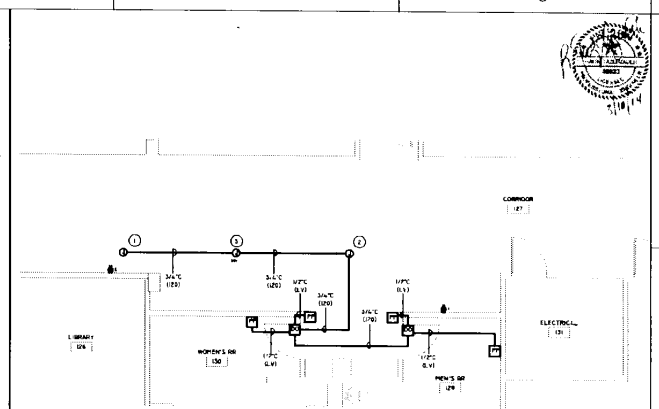
1/4" = 1'-0"



2 AREA OF WORK A
1/4" = 1'-0"

GENERAL NOTES:

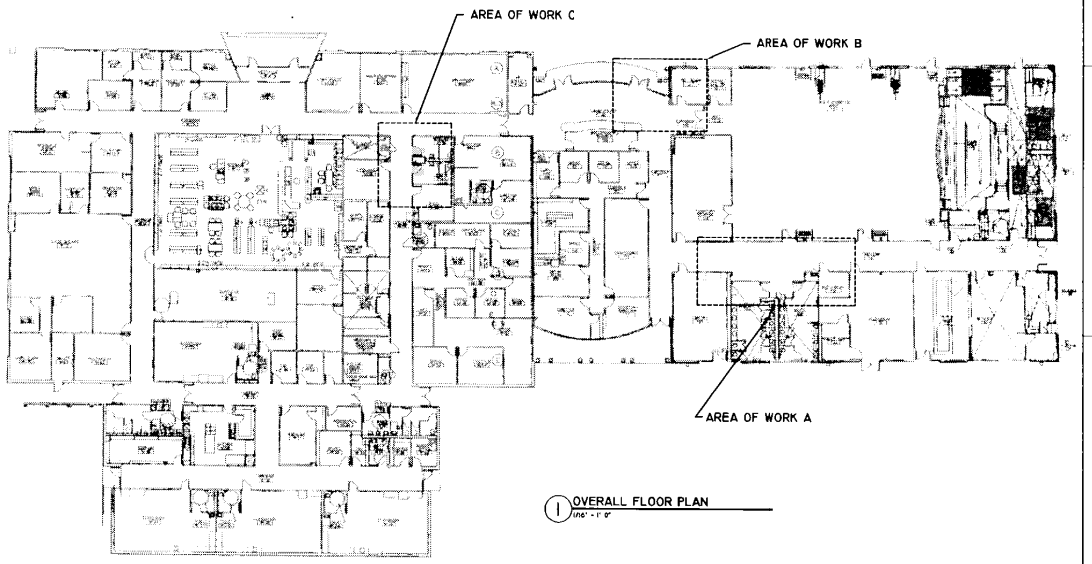
1. COORDINATE EXACT LOCATION OF ALL DEVICES AND CONDUIT ROUTING WITH ARCHITECT PRIOR TO ROUGH IN

KEYED NOTES:

1. THE ELECTRICAL CONTRACTOR WILL LOCATE AN EXISTING J-BOX IN THIS AREA (ALLOW AN ADDITIONAL 50') FOR UTILIZATION. THE LOW CIRCUIT THAT IS PROVIDING POWER TO THIS CORRIDOR RECEPTACLE WILL BE UTILIZED TO PROVIDE POWER TO THE NEW DOOR OPERATORS. ROUTE 3/4" EMT CONDUIT AND THW THWN TO A NEW CONTRACTOR-PROVIDED J-BOX NEAR THE NEW DOOR HOLDERS. RETURNING THE CEILING ASSEMBLY AND WALLS TO THE SAME CONDITION (AND ARCHITECT RATIATION) AFTER INSTALLATION WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR

2. LOCATE THIS NEW J-BOX ABOVE AN ACCESSIBLE CEILING (ALLOW FOR UP TO 50') IF ACCESSIBLE CEILING IS MORE THAN 50' AWAY COORDINATE A LOCATION WITH THE ARCHITECT FOR INSTALLATION OF AN ACCESS PANEL. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL 1/2" CONDUIT AND 120V POWER FROM THIS NEW J-BOX TO EACH DOOR OPENER. THE CONTRACTOR WILL ALSO PROVIDE A PATHWAY BETWEEN EACH NEW PUSH BUTTON AND DOOR OPERATOR FOR ROUTING OF LOW VOLTAGE WIRING. COORDINATE WITH HARDWARE PROVIDER FOR THEIR EXACT REQUIREMENTS PRIOR TO ROUGH IN

3. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND ROUTE NORMAL POWER (#4 & BOX) (NEW 1 - 250 TO CA SERV 4) BATTERY/INVERTER. THE INVERTER WILL BE LOCATED AND/OR AN ACCESSIBLE CEILING NEAR THE NEW POWER J-BOX



1 OVERALL FLOOR PLAN
1/16" = 1'-0"

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS - CDBG
FIFTH WARD MULTI-SERVICE CENTER
4014 MARKET STREET
HOUSTON, TEXAS 77020

WBS No. H-000102-0003-4

APPROVALS :
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
MEP ENGINEER:
ACCESSIBILITY CONSULTANT:

E+A PROJECT NO : 14001.02
ACAD DWG FILE :
DRAWN BY :
CHECKED BY :
COPY RIGHT :

SHEET TITLE :
ELECTRICAL FLOOR PLAN - FIFTH WARD MSC

E2-01

SHEET NO. OF SHEETS

CITY DWG NO :

GENERAL NOTES

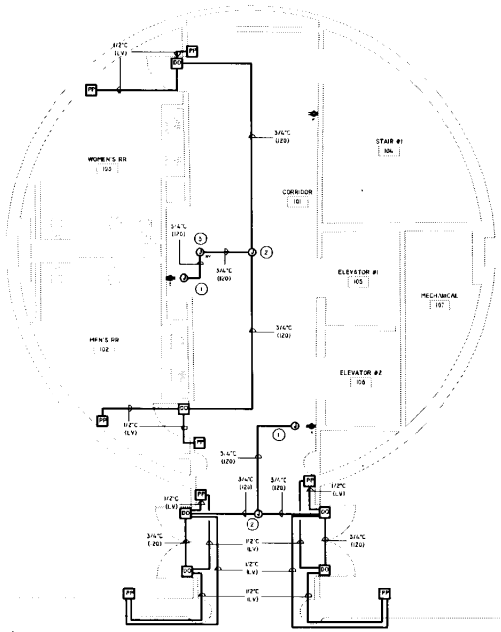
1. COORDINATE EXACT LOCATION OF ALL DEVICES AND CONDUIT ROUTING WITH ARCHITECT PRIOR TO ROUGH IN

KEYED NOTES

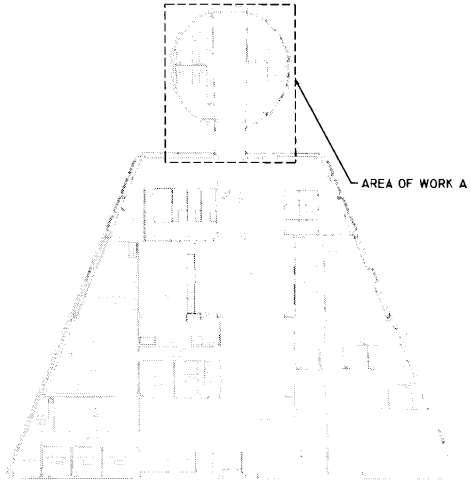
1. THE ELECTRICAL CONTRACTOR WILL LOCATE AN EXISTING J-BOX IN THIS AREA (ALLOW AN ADDITIONAL 50' FOR UTILIZATION. THE 20A CIRCUIT THAT IS PROVIDING POWER TO THIS CORRIDOR RECEPTACLE WILL BE UTILIZED TO PROVIDE POWER TO THE NEW DOOR OPERATORS. ROUTE 3/4" EMT CONDUIT (MIN 3/4") THRU TO A NEW CONTRACTOR-PROVIDED J-BOX NEAR THE NEW DOOR HOLDERS. RETURNING THE CEILING ASSEMBLY AND WALLS TO THE SAME CONDITION (AND ARCHITECT SATISFACTION) AFTER INSTALLATION WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.

2. LOCATE THIS NEW J-BOX ABOVE AN ACCESSIBLE CEILING (ALLOW FOR UP TO 50') IF ACCESSIBLE CEILING IS MORE THAN 50' AWAY COORDINATE LOCATION WITH THE ARCHITECT FOR INSTALLATION OF AN ACCESS PANEL. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL 4/C CONDUIT AND (2)3/4" POWER FROM THIS NEW J-BOX TO EACH DOOR OPENER. THE CONTRACTOR WILL ALSO PROVIDE A PATHWAY BETWEEN EACH NEW PUSH BUTTON AND DOOR OPERATOR FOR ROUTING OF LOW VOLTAGE WIRING. COORDINATE WITH HARDWARE PROVIDER FOR THEIR EXACT REQUIREMENTS PRIOR TO ROUGH IN

3. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND ROUTE NORMAL POWER VIA A ROSLINE EL-250-SB OR SIMILAR BATTERY INVERTER. THE INVERTER WILL BE LOCATED ABOVE AN ACCESSIBLE CEILING NEAR THE NEW POWER J-BOX



2 AREA OF WORK A
1/16" = 1'-0"



1 OVERALL FLOOR PLAN
1/16" = 1'-0"

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY DOOR OPERATORS – CDBG
LA NUEVA CASA DE AMIGOS HEALTH CENTER
1909 NORTH MAIN
HOUSTON, TEXAS 77002

WBS No. H-000102-0003-4

APPROVALS :
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
English + Associates Architects, Inc.
[redacted]
MEP ENGINEER:
[redacted]
ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
[redacted]

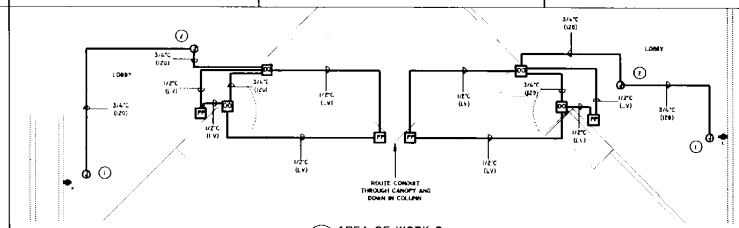
E+A PROJECT NO : 14001.02
ACAD DWG FILE :
DRAWN BY :
CHECKED BY :
COPY RIGHT :

SHEET TITLE :
ELECTRICAL FLOOR PLAN - LA NUEVA CASA DE AMIGOS HC

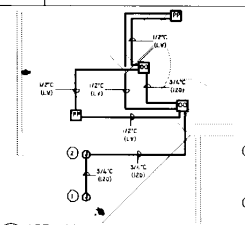
E2-02

SHEET NO. OF SHEETS

CITY DWG NO :



3 AREA OF WORK B
1/4" = 1'-0"



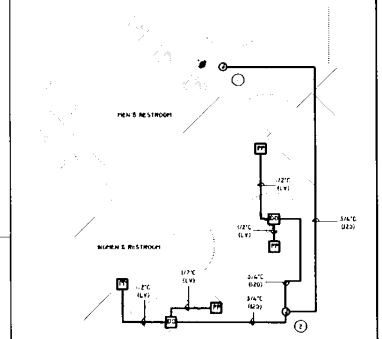
2 AREA OF WORK A
1/4" = 1'-0"

GENERAL NOTES:

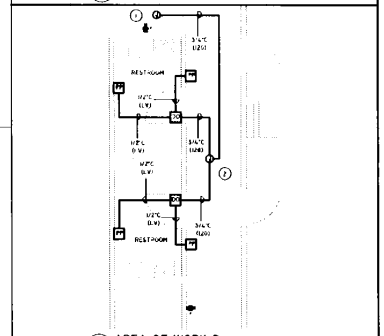
1. COORDINATE EXACT LOCATION OF ALL DEVICES AND CONDUIT ROUTING WITH ARCHITECT PRIOR TO ROUGH IN.

KEYED NOTES:

1. THE ELECTRICAL CONTRACTOR WILL LOCATE AN EXISTING J-BOX IN THIS AREA (ALSO AN ADDITIONAL 3/2) FOR UTILIZATION. THE LOW CIRCUIT THAT IS PROVIDING POWER TO THIS COMMODOR RECEPTACLE WILL BE UTILIZED TO PROVIDE POWER TO THE NEW DOOR OPERATORS. ROUTE 3/4" EMT CONDUIT AND 12#8 THWN TO A NEW CONTRACTOR PROVIDED J-BOX NEAR THE NEW DOOR AND DURING RETURNING THE CEILING ASSEMBLY AND WIRES TO THE SAME CONDITION (AND ARCHITECT SATISFICTION) AFTER INSTALLATION WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. LOCATE THIS NEW J-BOX ABOVE AN ACCESSIBLE CEILING (IF OR FOR UP TO 50') IF ACCESSIBLE CEILING IS MORE THAN 50' AWAY COORDINATE A LOCATION WITH THE ARCHITECT FOR INSTALLATION OF AN ACCESS PANEL. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL 2" CONDUIT AND 120V POWER FROM THIS NEW J-BOX TO EACH DOOR OPENER. THE CONTRACTOR WILL ALSO PROVIDE A PATHWAY BETWEEN EACH NEW PUSH BUTTON AND DOOR OPERATOR FOR ROUTING OF LOW VOLTAGE WIRING. COORDINATE WITH LANDMARK PROVIDER FOR THEIR EXACT REQUIREMENTS PRIOR TO ROUGH IN.



4 AREA OF WORK C
1/4" = 1'-0"



5 AREA OF WORK D
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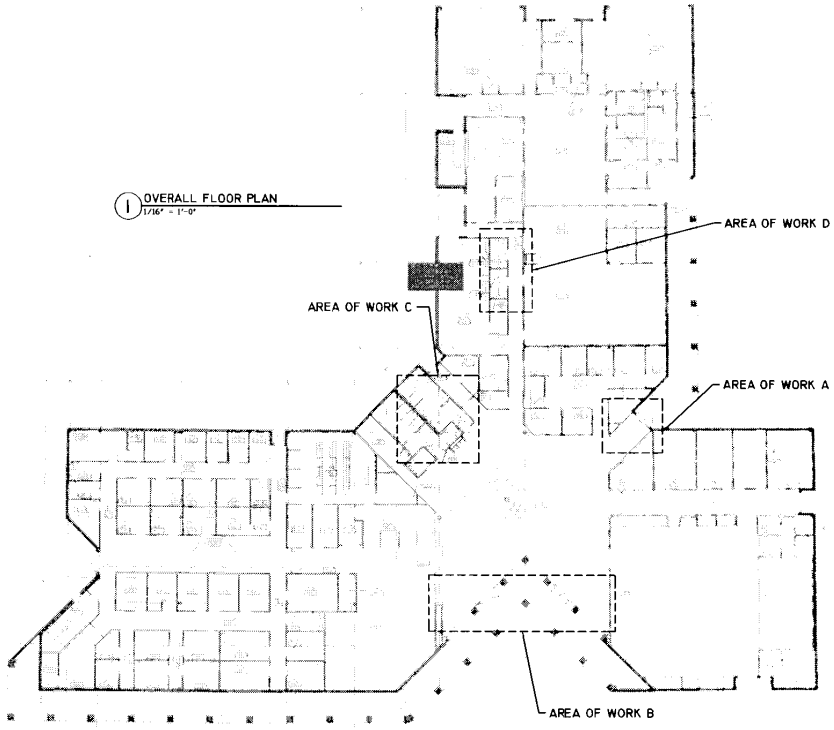


1 OVERALL FLOOR PLAN
1/16" = 1'-0"

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

600 BAGBY, HOUSTON, TX 77002

PROJECT NAME :
AUTOMATIC ENTRY ADDED OPERATORS
DOOR OPERATORS - CDBG
MAGNOLIA MULTI-SERVICE CENTER
7037 CAPITOL
HOUSTON, TEXAS 77011

WBS No. H-000102-0003-4

APPROVALS :

PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
Griffith + Associates Architects, Inc.
[redacted]

MEP ENGINEER:
[redacted]

ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
[redacted]

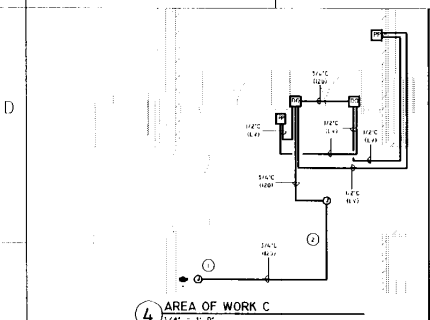
E+A PROJECT NO : 14001.02
ACAD DWG. FILE :
DRAWN BY :
CHECKED BY :
COPY RIGHT :

SHEET TITLE :
ELECTRICAL FLOOR PLAN - MAGNOLIA
MBC/HC

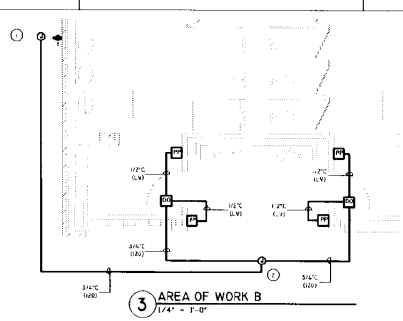
E2-03

SHEET NO. OF SHEETS

CITY DWG NO :



4 AREA OF WORK C
1/4" = 1'-0"



3 AREA OF WORK B
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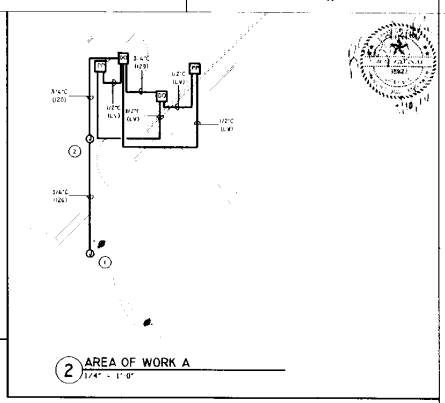
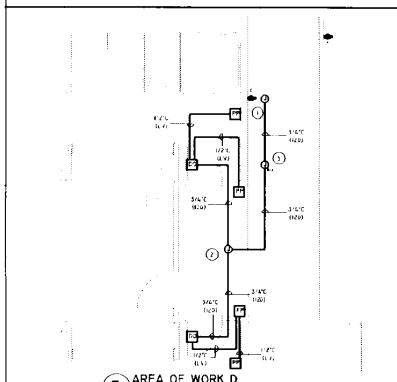
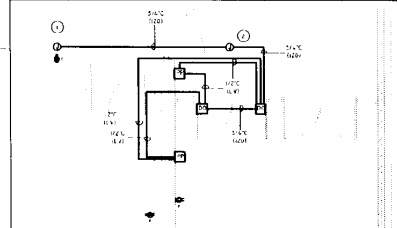


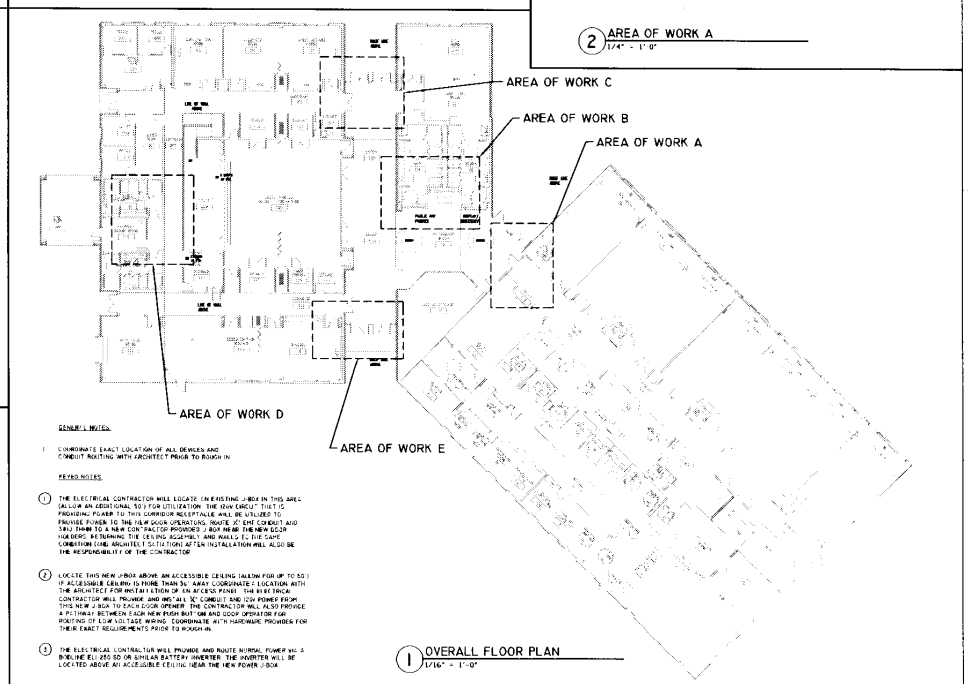
2 AREA OF WORK A
1/4" = 1'-0"



5 AREA OF WORK D
1/4" = 1'-0"



6 AREA OF WORK E
1/4" = 1'-0"



GENERAL NOTES:

1. COORDINATE EXACT LOCATION OF ALL DEVICES AND CONDUIT ROUTING WITH ARCHITECT PRIOR TO ROUGH IN

KEYED NOTES:

1. THE ELECTRICAL CONTRACTOR WILL LOCATE ON EXISTING J-BOX IN THIS AREA (ALLOW AN ADDITIONAL 50') FOR UTILIZATION. THE 20AA CIRCUIT THAT IS PROVIDING POWER TO THIS CORRIDOR RECEPTACLE WILL BE UTILIZED TO PROVIDE POWER TO THE NEW DOOR OPERATORS. ROUTE 3/4" EMT CONDUIT AND SWITCH TO A NEW CONTRACTOR PROVIDED J-BOX NEAR THE NEW DOOR HOLDERS. RETURNING THE CEILING ASSEMBLY AND WALLS TO THE SAME CONDITION (ONE ARCHITECT SATISFACTION) AFTER INSTALLATION WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR

2. LOCATE THIS NEW J-BOX ABOVE AN ACCESSIBLE CEILING (ALLOW FOR UP TO 50') IF ACCESSIBLE CEILING IS MORE THAN 5L' AWAY COORDINATE LOCATION WITH THE ARCHITECT FOR INSTALLATION OF AN ACCESS PANEL. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL 3/4" CONDUIT AND 20A POWER FROM THIS NEW J-BOX TO EACH DOOR OPENER. THE CONTRACTOR WILL ALSO PROVIDE A PATHWAY BETWEEN EACH NEW PUSH BUTTON AND DOOR OPERATOR FOR ROUTING OF LOW VOLTAGE WIRING. COORDINATE WITH HARDWARE PROVIDER FOR THEIR EXACT REQUIREMENTS PRIOR TO ROUGH-IN

3. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND ROUTE NORMAL POWER VIA A BYELINE EL-250 SD OR SIMILAR BATTERY INVERTER. THE INVERTER WILL BE LOCATED ABOVE AN ACCESSIBLE CEILING NEAR THE NEW POWER J-BOX

1 OVERALL FLOOR PLAN
1/16" = 1'-0"

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME:
AUTOMATIC ENTRY DOOR OPERATORS CDBG
NORTHEAST MULTI-SERVICE CENTER
9720 SPAULDING
HOUSTON, TEXAS 77016

WBS No. H-000102-0003-4

APPROVALS:
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
English + Associates Architects, Inc.
[redacted]

MEP ENGINEER:
[redacted]

ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
5210 N. SAM HOUSTON PARKWAY E. SUITE 200
HOUSTON, TEXAS 77086

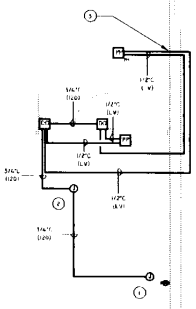
E+A PROJECT NO: 14001.02
ACAD DWG FILE:
DRAWN BY:
CHECKED BY:
COPY RIGHT:

SHEET TITLE:
ELECTRICAL FLOOR PLAN NORTHEAST MSC

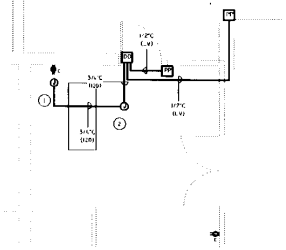
E2-04

SHEET NO. OF SHEETS

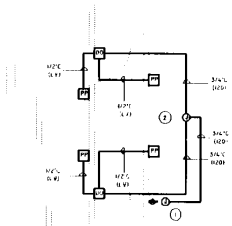
CITY DWG NO:



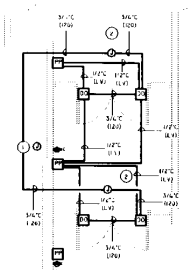
5 AREA OF WORK D
1/4" = 1'-0"



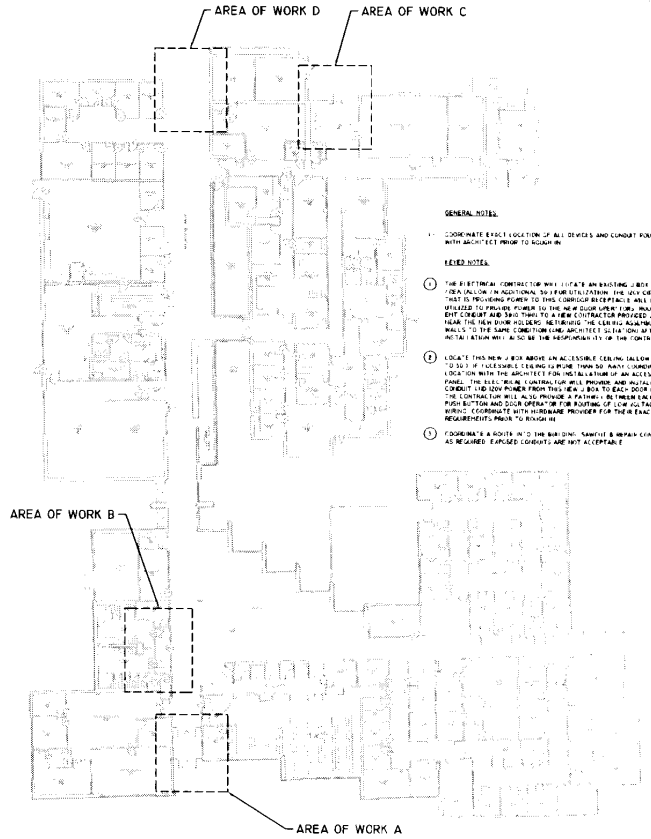
4 AREA OF WORK C
1/4" = 1'-0"



3 AREA OF WORK B
1/4" = 1'-0"



2 AREA OF WORK A
1/4" = 1'-0"



1 OVERALL FLOOR PLAN
1/16" = 1'-0"

GENERAL NOTES:

1. COORDINATE EXACT LOCATION OF ALL DEVICES AND CONDUIT ROUTING WITH ARCHITECT PRIOR TO ROUGH-IN

KEYED NOTES:

1. THE ELECTRICAL CONTRACTOR WILL LOCATE AN EXISTING J-BOX IN THIS AREA (ALLOW FOR ADDITIONAL 30' FOR UTILIZATION). THE 120V CIRCUIT THAT IS PROVIDING POWER TO THIS CORRIDOR RECEPTACLE WILL BE UTILIZED TO PROVIDE POWER TO THE NEW DOOR OPERATOR. ROUTE 3/4" EMT CONDUIT AND 3#12 THHN TO A NEW CONTRACTOR PROVIDED J-BOX NEAR THE FILM DROP HOLDER. RETRIEVE THE EXISTING ALARMED WIRE WALLS TO THE SAME CONDITION (THE ARCHITECT SO TAKES) AFTER INSTALLATION WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR
2. LOCATE THIS NEW J-BOX ABOVE AN ACCESSIBLE CEILING (ALLOW FOR UP TO 30') IF INACCESSIBLE CEILING IS MORE THAN 30' AWAY, COORDINATE A LOCATION WITH THE ARCHITECT FOR INSTALLATION OF AN ACCESS PANEL. THE ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL 1/2" CONDUIT AND 120 VOLT POWER FROM THIS NEW J-BOX TO EACH DOOR OPENER. THE CONTRACTOR WILL ALSO PROVIDE A PATHWAY BETWEEN EACH NEW PUSH BUTTON AND DOOR OPERATOR FOR ROUTING OF LOW VOLTAGE WIRING. COORDINATE WITH HARDWARE PROVIDER FOR THEIR EXACT REQUIREMENTS PRIOR TO ROUGH-IN
3. COORDINATE A SOFFIT INTO THE BUILDING. SANITIZE & REPAIR CONCRETE AS REQUIRED. EXPOSED CONDUITS ARE NOT ACCEPTABLE

ISSUE LOG

NO.	DATE	DESCRIPTION
1	1-15-14	SCHEMATIC DESIGN
2	1-30-14	DESIGN DEVELOPMENT
3	3-10-14	CONSTRUCTION DOCUMENTS

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

900 BAGBY, HOUSTON, TX 77002

PROJECT NAME:
AUTOMATIC ENTRY DOOR OPERATORS - CDBG
NORTHSIDE HEALTH CENTER
8504 SCHULLER
HOUSTON, TEXAS 77093

WBS No. H-000102-0003-4

APPROVALS:
PROJECT MANAGER — DATE
CHIEF ENGINEER — DATE
ASSISTANT DIRECTOR — DATE

CONSULTANTS:
ARCHITECT:
English + Associates Architects, Inc.
[redacted]

MEP ENGINEER:
[redacted]

ACCESSIBILITY CONSULTANT:
ACCESSIBLE DESIGN SOLUTIONS
420 N SAM HOUSTON PARKWAY E. SUITE 260
HOUSTON, TEXAS 77060

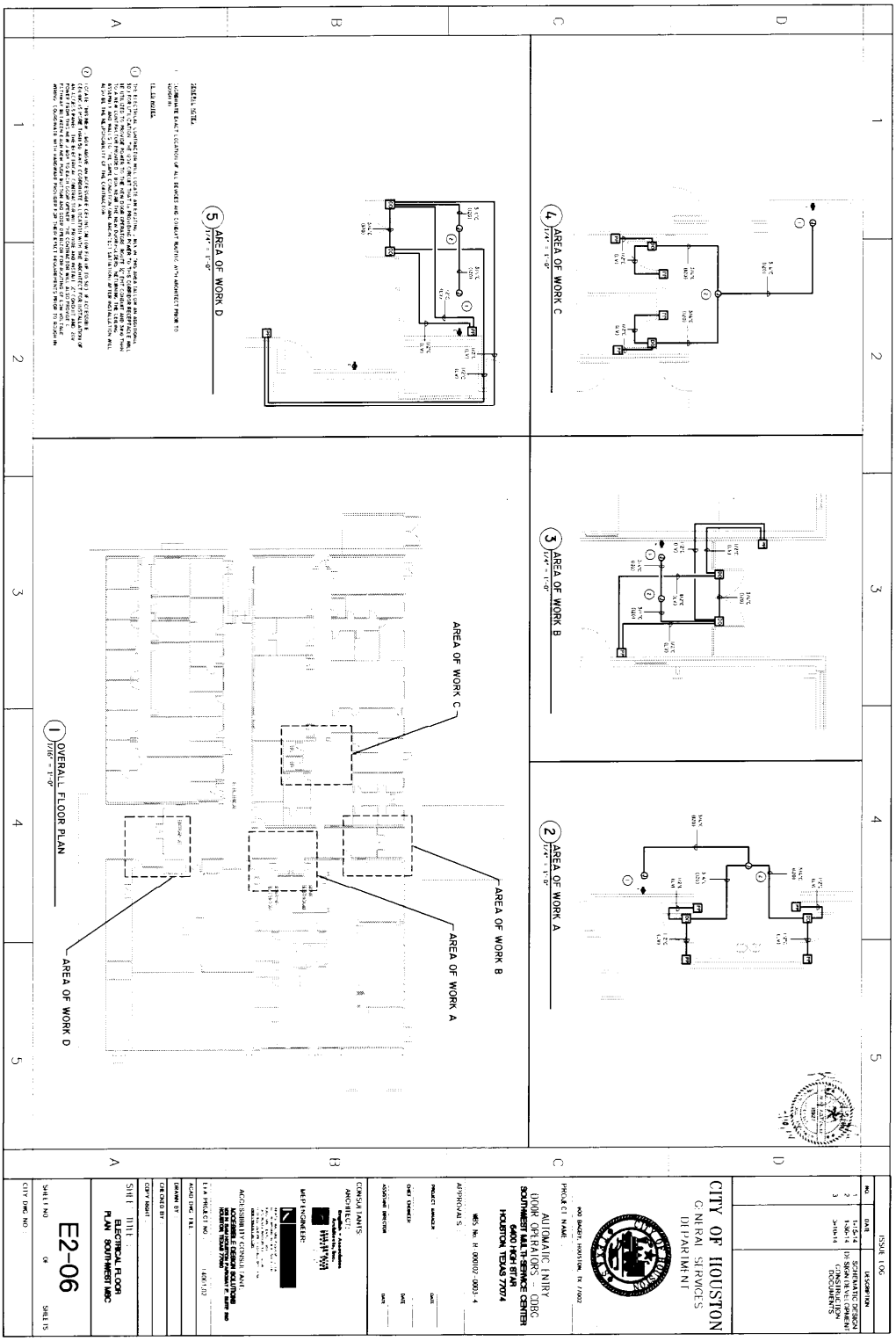
E+A PROJECT NO: 14001.02
ACAD DWG. FILE:
DRAWN BY:
CHECKED BY:
COPY RIGHT:

SHEET TITLE:
ELECTRICAL FLOOR PLAN NORTHSIDE HC

E2-05

SHEET NO. OF SHEETS

CITY DWG NO.



A PDF version of the Technical Specifications/Structural drawings can be viewed on the following web link
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

END OF SECTION

SECTION C

BUILDING WAGE SCALE

A PDF version of the 1/3/2014 Davis-Bacon Federal Building Construction Wage Decision No. TX140092 can be viewed on the following web link
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

GENERAL CONDITIONS

A PDF version of the General Conditions can be viewed on the following web link:
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

Document 00800

SUPPLEMENTARY CONDITIONS

The following Paragraphs amend and supplement the 2013 edition of General Conditions. Unaltered portions of General Conditions remain in effect.

ARTICLE 3 - THE CONTRACTOR

3.5 *LABOR*: *Insert the following Paragraph 3.5.3.1.1.*

3.5.3.1.1 Contractor shall make good faith efforts to comply with the City ordinances regarding Minority and Women Business Enterprises (MWBE) and Persons with Disabilities Business Enterprises (PDBE) participation goals which are as follows:

.1 the MBE goal is 0 percent, and

.2 the SBE goal is 0 percent.

3.28 *CONTRACTOR DEBT*

3.28.1 IF CONTRACTOR, AT ANY TIME DURING THE TERM OF THIS AGREEMENT, INCURS A DEBT, AS THE WORD IS DEFINED IN SECTION 15-122 OF THE HOUSTON CITY CODE OF ORDINANCES, IT SHALL IMMEDIATELY NOTIFY CITY CONTROLLER IN WRITING. IF CITY CONTROLLER BECOMES AWARE THAT CONTRACTOR HAS INCURRED A DEBT, IT SHALL IMMEDIATELY NOTIFY CONTRACTOR IN WRITING. IF CONTRACTOR DOES NOT PAY THE DEBT WITHIN 30 DAYS OF EITHER SUCH NOTIFICATION, CITY CONTROLLER MAY DEDUCT FUNDS IN AN AMOUNT EQUAL TO THE DEBT FROM ANY PAYMENTS OWED TO CONTRACTOR UNDER THIS AGREEMENT, AND CONTRACTOR WAIVES ANY RECOURSE THEREFORE.

ARTICLE 8 - TIME

8.1 *PROGRESS AND COMPLETION: Delete Paragraph 8.1.6. and replace with the following 8.1.6.*

8.1.6.1 Contractor shall credit the City by Change Order for inspection services for overtime work or work performed on Sundays or Legal Holidays. The amount Contractor credits the City will be **$50.00 per hour** per inspector for inspection services.

ARTICLE 9 - PAYMENTS AND COMPLETION

9.1 *UNIT PRICE WORK*: *Delete Section 9.1 in its entirety and insert the following Section 9.1.*

9.1 References to Unit Prices in individual Specification sections are not applicable to the Contract. Include payment for portions of the Work required by these sections in the Stipulated Price for the Contract.

9.12 LIQUIDATED DAMAGES: Insert the following Paragraph 9.12.1.1.

9.12.1.1 The amount of liquidated damages provided in General Conditions Paragraph 9.12.1payable by Contractor or Surety for each and every day of delay beyond Contract Time, are $800.00 per day.

ARTICLE 11 - INSURANCE AND BONDS

11.2 *INSURANCE TO BE PROVIDED BY CONTRACTOR: Delete Paragraph 11.2.8. and replace with the following 11.2.8.*

11.2.1.4 Contractor shall provide Owners and Contractor's Protective Liability Insurance only if the contractor's bid price is equal to or greater than $100,000.00.

11.2.8 *Endorsement of Primary Insurance:* Each policy except Workers' Compensation Insurance must contain an endorsement that the policy is primary insurance to any other insurance available to additional insured with respect to claims arising under the Contract.

Document 00811

FEDERAL WAGE RATE DECISION

1.01 In accordance with the Davis-Bacon Act (Public Law No. 403, 7th Congress), the public body awarding this Contract does hereby specify the following to be assigned minimum wage rates which will be paid by the Contractor and all Subcontractors for this Project.

1.02 This prevailing wage rate does not prohibit the payment of more than the rates stated.

A PDF version of the 1/3/2014 Davis-Bacon Federal Building Construction Wage Decision No. TX140092 can be viewed on the following web link
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

END OF DOCUMENT

Document 00813
Contractors Orientation Guide - Section 3.PDF

A PDF version of the Contractors Orientation Guide - Section 3.PDF can be viewed on the following web link
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

Labor Standards MBE-SBE Compliance Packet. 12-2013.pdf

A PDF version of the Labor Standards.MBE-SBE.Compliance Packet. 12-2013.pdf can be viewed on the following web link
https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C24982

CITY OF HOUSTON -- BIDDER'S BOND

(Must be in an amount at least 10% of the bid. If the bid is upon alternates this bond must be for at least 10% of the highest amount for which the bidder offers to do any or all the work bid upon.)

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF HARRIS §

THAT WE, _____ as principal and the other subscriber hereto as Surety, do hereby acknowledge ourselves to be held and firmly bound to the City of Houston, a municipal corporation in the sum of $_____ Dollars ($_____).

The condition of this obligation is that: ---

WHEREAS, the said principal is submitting to the City of Houston its or its bid for the doing for the City of Houston of certain work and construction of which the following is a brief description, to-wit: ---

Bid No. S50-C24982

Installation of Automatic Entry Door Openers for the General Services Department

in accordance with the plans and specifications for such work upon which such bid is made, to which plans and specifications reference is made for a more full description of the work and construction referred to.

NOW, THEREFORE, if the said bidder is awarded the contract for such work, the said bidder will, within the time provided in the specifications, enter into a contract with the City therefore upon the form and to the purpose and intent provided in the specifications, will furnish insurance as required in the specifications and will furnish a good and sufficient construction surety bond executed by said bidder and one corporate surety organized under the laws of the State of Texas or authorized to do business in the State of Texas and having a fully paid up capital stock of not less than $100,000.00 and duly licensed and qualified by the Board of Insurance Commissioners of the State of Texas, which bond shall be for an amount equal to 100 percent of the contract price and shall be conditioned in accordance with the requirements stated in the specifications upon which such bid is being submitted.

In the event said bidder is unable or fails to execute said contract for the work proposed to be done, is unable or fails to furnish insurance as specified or is unable or fails to furnish said construction bond in the amount and condition as aforesaid, the undersigned principal and surety shall be liable to said City of Houston for the full amount of this obligation which is here and now agreed upon and admitted as the amount of the damages which will be suffered by the City of Houston on account of the failure of such bidder to so comply with the terms of this bid.

Executed this _____day of _____, A.D. 2014.

PRINCIPAL

By_____

By_____

_____
Surety

ONE-YEAR MAINTENANCE BOND

THAT WE, _____, as Principal, hereinafter called Contractor, and the other subscriber hereto, _____, as Surety, do hereby acknowledge ourselves to be held and firmly bound to the City of Houston, a municipal corporation, in the sum of $_____, for the payment of which sum well and truly to be made to the City of Houston and its successors, the said Contractor and Surety do bind themselves, their heirs, executors, administrators, successors, jointly and severally.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH THAT:

WHEREAS, the Contractor has on or about this day executed a Contract in writing with the City of Houston for _____ _____, all of such work to be done as set out in full in said Contract documents therein referred to and adopted by the City Council, all of which are made a part of this instrument as fully and completely as if set out in full herein.

NOW THEREFORE, if the said Contractor shall comply with the provisions of Paragraph 11.5.1 of the General Conditions, and correct work not in accordance with the Contract documents discovered within the established one-year period, then this obligation shall become null and void, and shall be of no further force and effect; otherwise, the same is to remain in full force and effect.

Notices required or permitted hereunder shall be in writing and shall be deemed delivered when actually received or, if earlier, on the third day following deposit in a United States Postal Service post office or receptacle, with proper postage affixed (certified mail, return receipt requested), addressed to the respective other party at the address prescribed in the Contract documents, or at such other address as the receiving party may hereafter prescribe by written notice to the sending party.

IN WITNESS THEREOF, the said Contractor and Surety have signed and sealed this instrument on the respective dates written below their signatures and have attached current Power of Attorney.

ATTEST, SEAL: (if a corporation) _____

WITNESS: (if not a corporation)

Name of Contractor

By: _____
Name:
Title:

By: _____
Name:
Title:
Date:

ATTEST/SURETY WITNESS:

(SEAL)

_____
Full Name of Surety

_____
Address of Surety for Notice

_____

_____
Telephone Number of Surety

By: _____
Name:
Title:
Date:

By: _____
Name:
Title: Attorney-in-Fact
Date:

This Ordinance or Contract has been reviewed as to form by the undersigned legal assistant and have been found to meet established Legal Department criteria. The Legal Department has not reviewed the content of these documents.

_____
Legal Assistant

_____
Date

PERFORMANCE BOND

THAT WE, _____, as Principal, (the "Contractor"), and the other subscriber hereto, _____, as Surety, do hereby acknowledge ourselves to be held and firmly bound to the City of Houston (the "City"), a municipal corporation, in the penal sum of $_____ for the payment of which sum, well and truly to be made to the City, its successors and assigns, Contractor and Surety do bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH THAT:

WHEREAS, the Contractor has on or about this day executed a Contract in writing with the City for _____
_____,
all of such work to be done as set out in full in said Contract documents therein referred to and adopted by the City Council, all of which are made a part of this instrument as fully and completely as if set out in full herein.

NOW THEREFORE, if the said Contractor shall faithfully and strictly perform the Contract in all its terms, provisions, and stipulations in accordance with its true meaning and effect, and in accordance with the Contract documents referred to therein and shall comply strictly with each and every provision of the Contract and with this Bond, then this obligation shall become null and void and shall have no further force and effect; otherwise the same is to remain in full force and effect. Should the Contractor fail to faithfully and strictly perform the Contract in all its terms, including but not limited to the indemnifications thereunder, the Surety shall be liable for all damages, losses, expenses and liabilities that the City may suffer in consequence thereof, as more fully set forth herein.

It is further understood and agreed that the Surety does hereby relieve the City or its representatives from the exercise of any diligence whatever in securing compliance on the part of the Contractor with the terms of the Contract, and the Surety agrees that it shall be bound to take notice of and shall be held to have knowledge of all acts or omissions of the Contractor in all matters pertaining to the Contract. The Surety understands and agrees that the provision in the Contract that the City will retain certain amounts due the Contractor until the expiration of 30 days from the acceptance of the Work is intended for the City's benefit, and the City will have the right to pay or withhold such retained amounts or any other amount owing under the Contract without changing or affecting the liability of the Surety hereon in any degree.

It is further expressly agreed by Surety that the City or its representatives are at liberty at any time, without notice to the Surety, to make any change in the Contract documents and in the Work to be done hereunder, as provided in the Contract, and in the terms and conditions thereof, or to make any change in, addition to, or deduction from the Work to be done hereunder; and that such changes, if made, shall not in any way vitiate the obligation in this Bond and undertaking or release the Surety there from.

It is further expressly agreed and understood that the Contractor and Surety will fully indemnify and save harmless the City from any liability, loss, cost, expense, or damage arising

out of Contractor's performance of the Contract.

If the City gives Surety notice of Contractor's default, Surety shall, within 45 days, take one of the following actions:

1. Arrange for Contractor, with consent of the City, to perform and complete the Contract; or

2. Take over and assume completion of the Contract itself, through its agents or through independent contractors, and become entitled to the payment of the balance of the Contract Price.

If the Surety fails to take either of the actions set out above, it shall be deemed to have waived its right to perform and complete the Contract and receive payment of the balance of the Contract Price and the City shall be entitled to enforce any remedies available at law, including but not limited to completing the Contract itself and recovering any cost in excess of the Original Contract Price from the Surety.

This Bond and all obligations created hereunder shall be performable in Harris County, Texas. This Bond is given in compliance with the provisions of Chapter 2253, Texas Government Code, as amended, which is incorporated herein by this reference.

Notices required or permitted hereunder shall be in writing and shall be deemed delivered when actually received or, if earlier, on the third day following deposit in a United States Postal Service post office or receptacle, with proper postage affixed (certified mail, return receipt requested), addressed to the respective other Party at the address prescribed in the Contract documents, or at such other address as the receiving party may hereafter prescribe by written notice to the sending party.

EXECUTED in multiple originals this_____ day of_____, 20_____.

ATTEST/SEAL: (if a corporation)
WITNESS: (if not corporation)

_____
(Name of Principal)

_____
(Address of Principal)

By: _____
Name:
Title:
Date:

By: _____
Name:
Title:
Date:

ATTEST/SEAL
SURETY WITNESS:

_____
(Name of Surety)

_____
(Address of Surety)

By: _____
Name:
Title:
Date:

By: _____
Name:
Title:
Date:

REVIEWED:

This Bond has been reviewed as to form by the undersigned Paralegal and has been found to meet established Legal Department criteria.

_____
Date

_____
Paralegal

STATUTORY PAYMENT BOND

THAT WE, _____, as Principal, hereinafter called Contractor and the other subscriber hereto, _____, as Surety, do hereby acknowledge ourselves to be held and firmly bound unto the City of Houston, a municipal corporation, in the sum of $_____ for the payment of which sum, well and truly to be made to the City of Houston, and its successors, the said Contractor and Surety do bind themselves, their heirs, executors, administrators, successors, jointly and severally.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH THAT:

WHEREAS, the Contractor has on or about this day executed a contract in writing with the City of Houston for _____ _____, all of such work to be done as set out in full in said Contract documents therein referred to and adopted by the City Council, all of which are made a part of this instrument as fully and completely as if set out in full herein;

NOW, THEREFORE, if the said Contractor shall pay all claimants supplying labor and materials to him or a Subcontractor in the prosecution of the Work provided for in the Contract, then, this obligation shall be void; otherwise the same is to remain in full force and effect;

PROVIDED HOWEVER, that this Bond is executed pursuant to the provisions of Chapter 2253, Texas Government Code, as amended, and all liabilities on this Bond shall be determined in accordance with the provisions of said Article to the same extent as if it were copied at length herein.

IN WITNESS THEREOF, the said Contractor and Surety have signed and sealed this instrument on the respective dates written below their signatures and have attached current Power of Attorney.

ATTEST, SEAL: (if a corporation)
WITNESS: (if not a corporation)

_____
Name of Contractor

By: _____
Name:
Title:

By: _____
Name:
Title:
Date:

ATTEST/SURETY WITNESS:

(SEAL)

_____
Full Name of Surety

_____
Address of Surety for Notice

_____

_____
Telephone Number of Surety

By: _____
Name:
Title:
Date:

By: _____
Name:
Title: Attorney-in-Fact
Date:

This Ordinance or Contract has been reviewed as to form by the undersigned legal assistant and have been found to meet established Legal Department criteria. The Legal Department has not reviewed the content of these documents.

_____
Legal Assistant

_____
Date