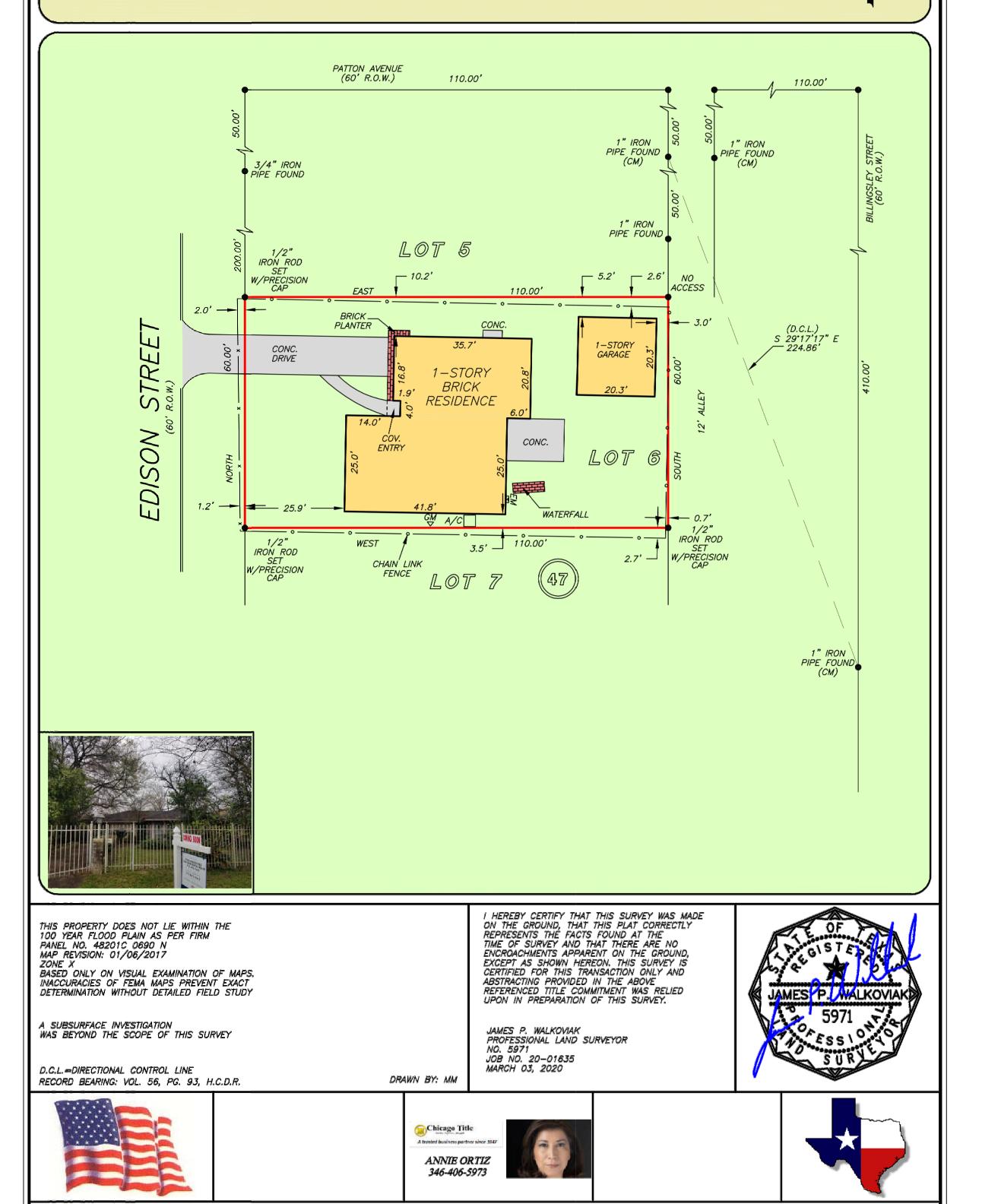
RESIDENCE:		PROJECT DESCRIPTION:	
LEGAL DESCRIPTION:	LOT 6, BLOCK 41 IRVINGTON ADDITION	AREA:	412 9QFT
ADDRESS / LOCATION:	4024 EDISON	LOT AREA:	1560 SQFT
CITY /STATE:	HOUSTON, TEXAS 17096	BEDROOMS:	STUDIO
BUILDING CODE	3 :	GARAGE:	N/A
CITY CODE:	IRC , 2012 WITH CITY AMENDMENTS	FRAME:	WOOD
ELECTRICAL CODE:	NEC 2020	9T <i>OR</i> IE9:	1
PLUMBING CODE:	UPC , 2012 WITH CITY AMENDMENTS	BATH:	1
MECHANICAL CODE:	UMC , 2012 WITH CITY AMENDMENTS	FIREPLACE:	NO
OTHER:	2015 INTERNATIONAL ENERGY CONSERVATION CODE (WITH AMENDMENTS) AND 2012 IFC	EXTERIOR:	SIDING

GF NO. CTH-SEDT-CTT20718532 CHICAGO TITLE ADDRESS: 4024 EDISON STREET HOUSTON, TEXAS 77009 BORROWER: JOHN O'MEARA

LOT 6, BLOCK 47 IRVINGTON ADDITION (A.K.A. IRVINTON ADDITION)

ACCORDING TO THE MAP OR PLAT THEREOF RECORDED
IN VOLUME 56, PAGE 93 OF THE DEED RECORDS
OF HARRIS COUNTY, TEXAS



1-800-LANDSURVEY

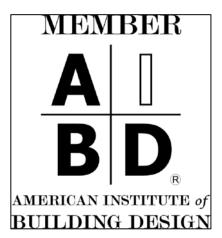
www.precisionsurveyors.com

281-496-1586 FAX 281-496-1867 210-829-4941 FAX 210-829-1555

950 THREADNEEDLE STREET SUITE 150 HOUSTON, TEXAS 77079 1777 NE LOOP 410 SUITE 600 SAN ANTONIO, TEXAS 78217

FIRM NO. 10063700





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Contractor is responsible for confirming and correlating dimensions at the job site.

N·C·B·D·C



SHEET

A1.00 SURVEY AND NOTES
A2.00 FLOOR PLAN, ELEVATIONS,
SECTIONS, DETAILS
E1.00 ELECTRICAL PLAN
S1.00 FRAMING PLANS AND
DETAILS

l .			
	REVISIO	ON:	
	MARK:	DATE:	DESCRIPTION:

PROJECT NUMBER:

CAD DRAWING FILE:

DRAWN BY: A.J.

CHECKED BY: A.J.

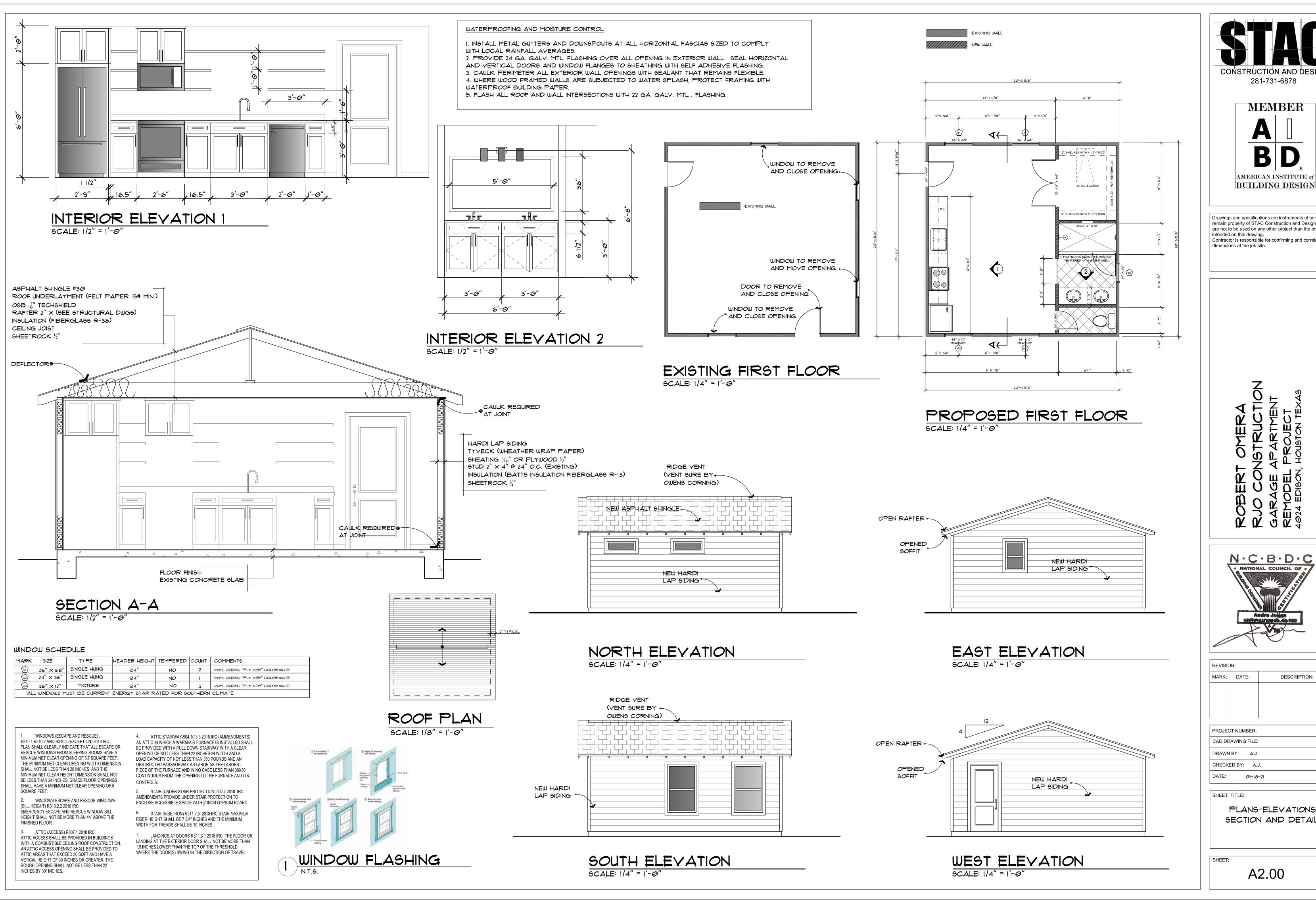
DATE: Ø1-18-21

SHEET TITLE:

SURVEY-NOTES

SHEET:

A1.00



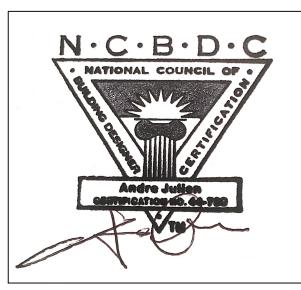
281-731-6878 MEMBER

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Contractor is responsible for confirming and correlating

B

ROBERT RJO CON GARAGE A REMODEL 4024 EDISON,



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MARK:	DATE:	DESCRIPTION:

PROJECT NUMBER: CAD DRAWING FILE: DRAWN BY: A.J. CHECKED BY: A.J. *0*1-18-21

PLANS-ELEVATIONS-SECTION AND DETAILS

A2.00



ELECTRICAL NOTES

1. SMOKE DETECTORS REQUIRE A 110V CONNECTION TO HOUSE & SHALL BE HARD-WIRED & INTER-CONNECTED WITH BATTERY BACK-UP PER R314.4 OF 2012 IRC.

2. PROVIDE GFCI OUTLETS WITHIN 24" OF SINKS IN GARAGES AND ALL OTHER WEATHERPROOF OUTLETS.

3. INSTALL ALL COUNTER ELECTRICAL OUTLETS AT 40" AFF.

3. INSTALL ALL COUNTER ELECTRICAL OUTLETS AT 40 AF

4. INSTALL ALL FLOOR ELECTRICAL OUTLETS AT 12" AFF.

5. PROVIDE LIGHTING IN ATTIC. LOCATE SWITCH NEAR (IF NOT OUTSIDE) ATTIC ACCESS.

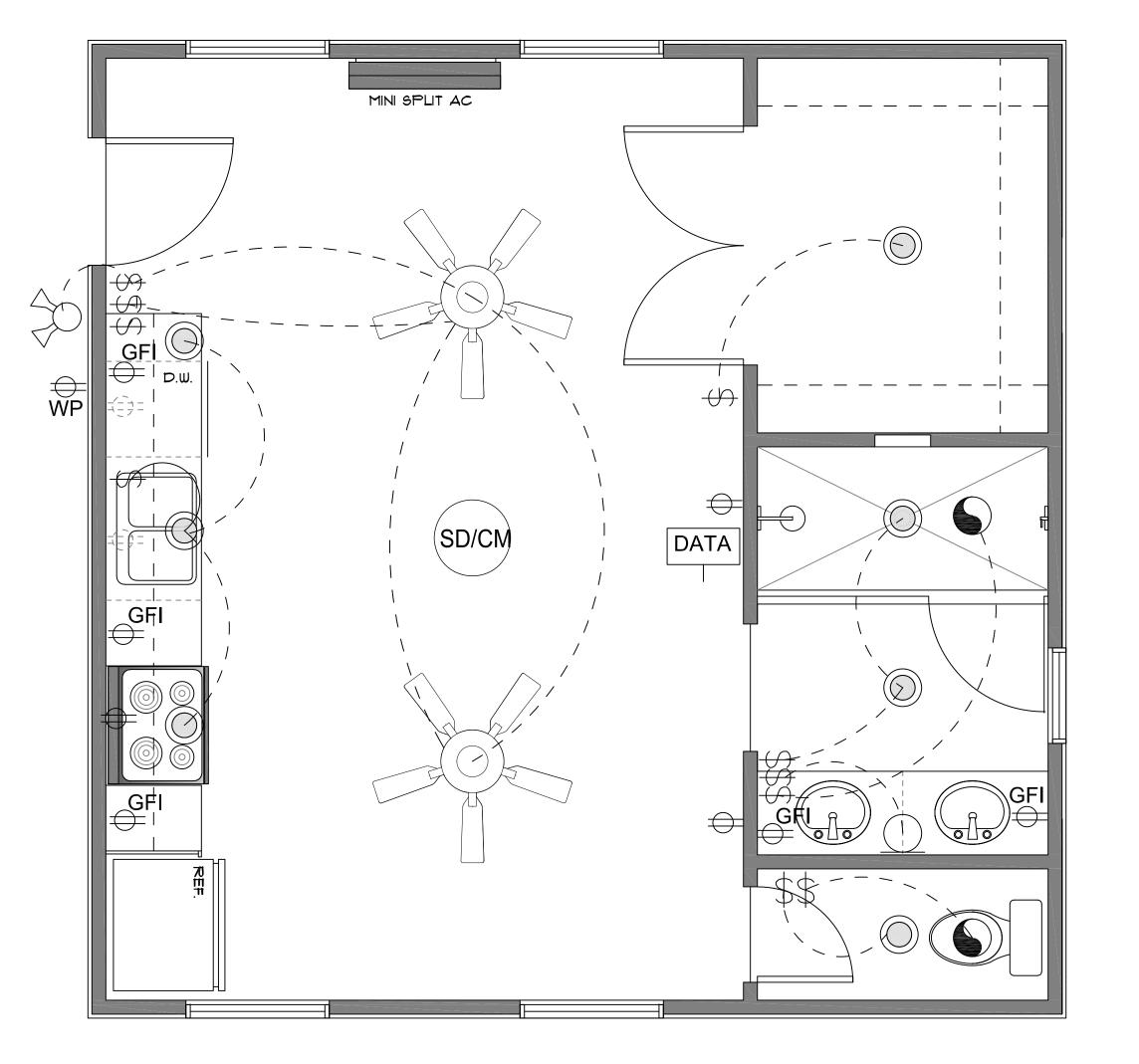
6. PROVIDE ELECTRICAL OUTLETS IN THE ATTIC OR MECHANICAL ROOM FOR HVAC EQUIPMENT & WATER HEATER. (PROVIDE GAS LINE FOR WATER HEATER)

7. PROVIDE EXHAUST VENT AT ALL UTILITY ROOMS. IF THESE ROOMS HAVE A MEANS OF NATURAL VENTILATION TO OUTSIDE, EXHAUST VENT IS NOT NECESSARY. ALL FAN SHOULD BE ON TIMER.

8. ALL EXHAUST VENT SHALL EXIT THROUGH THE ROOF DECKING AT A MINIMUM DISTANCE OF 5'-0" FROM ANY PROPERTY LINE. DRYER AND FIREPLACE VENTS MAY EXIT A NON-FIRE RATED EXTERIOR WALL.

9. WHEN GARAGE DOOR OPENERS ARE INSTALLED. PROVIDE LOW VOLTAGE CIRCUIT SHUTOFF AND REVERSE SENSORS AT BOTH SIDES OF OVERHEAD DOOR.

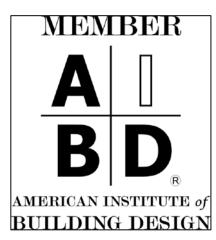
10. ELECTRICAL PANELS AND METERS 110.26A1 NEC 2020 SECTION 110.26A OF THE NATIONAL ELECTRIC CODE REQUIRES 36 INCHES CLEAR SPACE IN FORNT OF ELECTRICAL EQUIPMENT. THE CLEARANCE MUST BE 20 INCHES WIDE.



ELECTRICAL PLAN PROPOSED

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

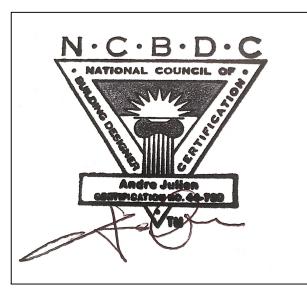




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ROBERT OMERA
RJO CONSTRUCTION
GARAGE APARTMENT
REMODEL PROJECT
4024 EDISON, HOUSTON TEXAS



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	CAD DRAWING FILE:
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	CHECKED BY: A.J.
	DATE: Ø1-18-21

SHEET TITLE:

ELECTRICAL PLAN

HEET:

E1.00

ROOF NOTES

1. ALL RAFTERS SHALL BE 2 × 6 2 S.Y.P. AT 16" O.C. UNLESS NOTED OTHERWISE. COLLAR TIES SHALL BE 2 × 6 MIN. AT 32" O.C. LOCATED IN THE UPPER THIRD OF THE ATTIC AREA.

2. CONTRACTOR SHALL INSTALL ADEQUATE ATTIC VENTILATION BASED ON AN AREA 1/300 OF THE SPACE VENTILATED, PROVIDE 50% OF THE REQUIRED VENTILATING AREA IS PROVIDE BY VENTS IN THE UPPER PORTION OF THE ATTIC SPACE AT LEAST 36" ABOYE THE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDE BY

EAVE OR VENTS. CONTRACTOR TO INSTALL SOLAR ATTIC YENTS AS REQUIRED. 3. RAFTERS SHALL BE BRACED WITH PURLING THE SAME

SIZE AS THE RAFTERS THEY ARE SUPPORTING. PURLING SHALL BE BRACED WITH MINIMUM 2 - 2 × 4 T-BRACES AT 48" O.C. MAX. ALL RAFTER SPLICES SHALL BE BRACED DOWN TO A LOAD BEARING WALL.

4. ALL HIPS, RIDGES, AND VALLEYS SHALL BE ONE MILL SIZE LARGER THAN THE LARGEST RAFTER THEY ARE SUPPORTING. PROVIDE 2 - 2 X 4 MIN. JACK POST SUPPORT DOWN TO LOAD BEARING WALL. 5. ALL BUILDING SHALL HAVE GUTTERS AND DOWNSPOUTS.

HEADER: USE (2) 2" \times 12" WITH $\frac{1}{2}$ " PLYWOOD (U.N.O.) FOR ALL FIRST FLOOR HEADER.

MAXIMUM SPAN: 4'-6" L. $(2) 2" \times 8"$ MAXIMUM SPAN: 6'-0" L. $(2) 2" \times 10"$ MAXIMUM SPAN: 1'-6" L. (2) $2'' \times 12''$ MAXIMUM SPAN: 9'-0" L.

NOTES:

ALL EXTERIOR WALL TO BE CONTI-NOUSLY SHEATED WITH 16" OSB; NAIL PATTERN 6/12 INCH EDGE/FIELD SPACING WITH 8 D NAILS 1" AB @ 48" C/C 7 INCH EMBEDMENT; 2 MIN. PER PLATE. ALL WOOD TO BE #2 SOUTHERN YELLOW PINE

STRUCTURE IS DESIGNED TO WITHSTAND 110 MPH WIND SPEED WITH A 3 SEC. GUST AND PER IRC

⋖← 2" TYPICAL EXISTING RIDGE BOARD 2" × 8" $\triangleleft \leftarrow$

ROOF PLAN

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



EXISTING $2'' \times 4''$ WALL STUD @24" O.C.

STUD ON NORTH AND SOUTH WALL

ADD 2" × 4" IN BETWEEN EACH EXISTING

√ NORTH

ම 12" O.G යිම 24"

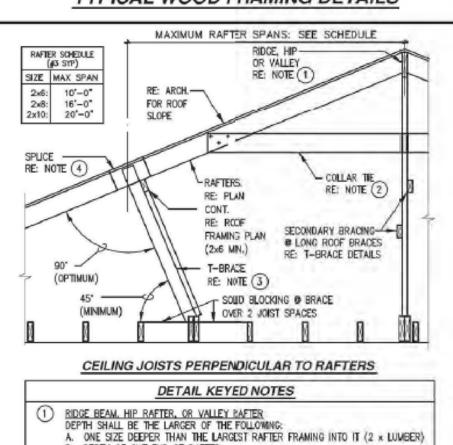
SOUTH

e U

∋ X

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

TYPICAL WOOD FRAMING DETAILS



COLLAR TIES 2x6; LOCATED @ UPPER ONE THIRD (1,/3) OF ROOF @ EVERY THIRD RAFTER OR A. RE: TYPICAL DETAILS BELOW B. MAXIMUM SPACING AS FOLLOWS: 4'-0" • 2x4 CONT. PURLIN 6'-0" • RIDGE BEAM, HIP OR VALLEY RAFTER

B. DEPTH OF CUT END OF RAFTER.

C. BRACE SHALL BEAR ON AN INTERIOR WALL, BEAN OR STRONG-BACK (DOUBLE, 2 SIZES LARGER THAN JOIST) RE: FRAMING PLAN. RAFTER, RIDGE, HIP & VALLEY RAFTER SPUCES.

A. LOCATE SPUCE OVER A PURLIN, OR PROVIDE ADDITIONAL BRACE @ SPLICE

B. MINIMUM LAP = 12" NAIL W/ 4—16d NAILS.

SIZE OF EA. MEMBER
LENGTHS UP TO 8'-0" = 2x4
LENGTHS UP TO 12'-0" = 2x6 LENGTHS UP TO 8'-0" = 2x4

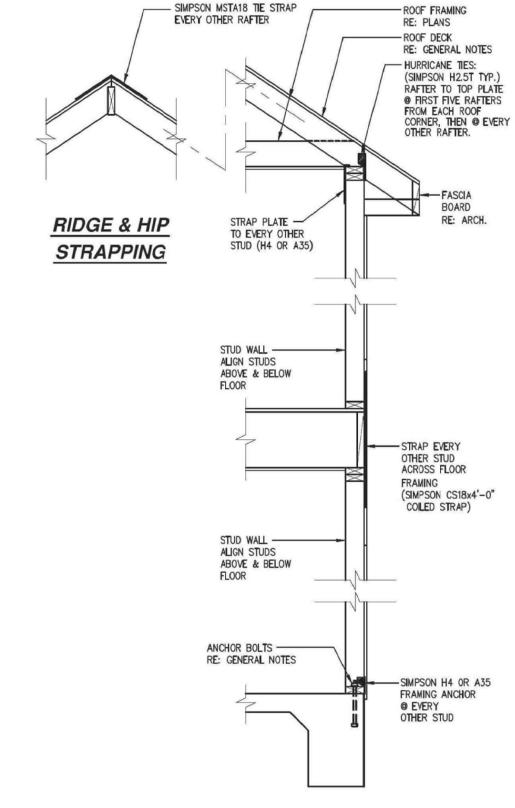
LENGTHS UP TO 12'-0" = 2x6

LENGTHS \(\text{LENGTHS} \) \(\text{L2'-0"} = 2x6 \)

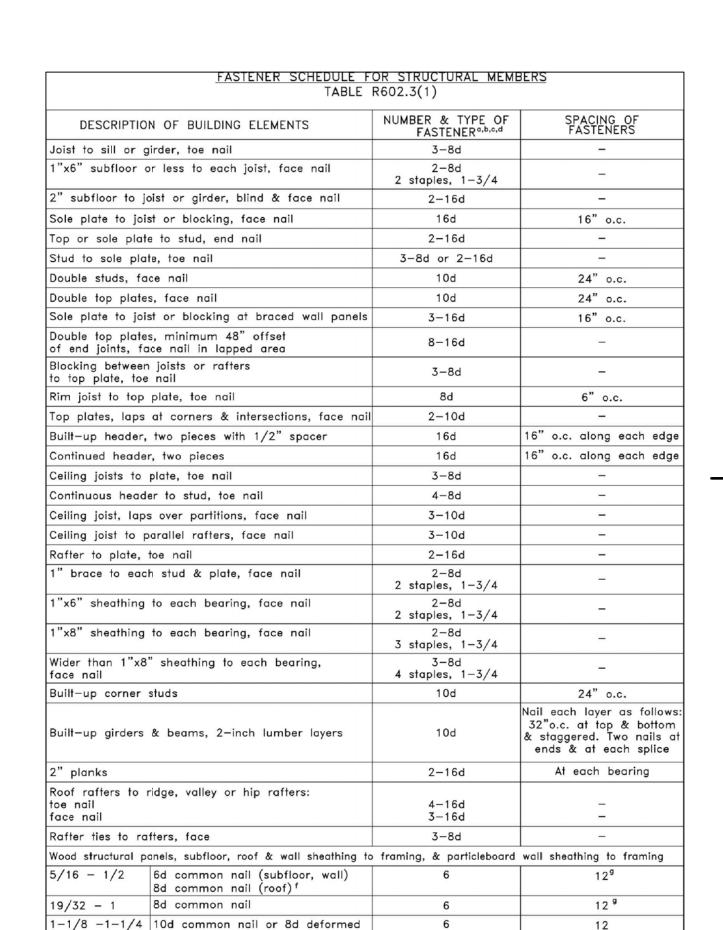
LENGTHS \(\text{L2'-0"} = 2x6 \) \(\text{V} \) \(2x4 \) CONT. @ 6'-0" MAXIMUM SPACING BRACED DIAGONALLY TO CEILING TYPICAL ROOF T-BRACE DETAILS

TYPICAL ROOF BRACING DETAILS RIDGE BEAM, HIP & VALLEY RAFTER, & PURLIN

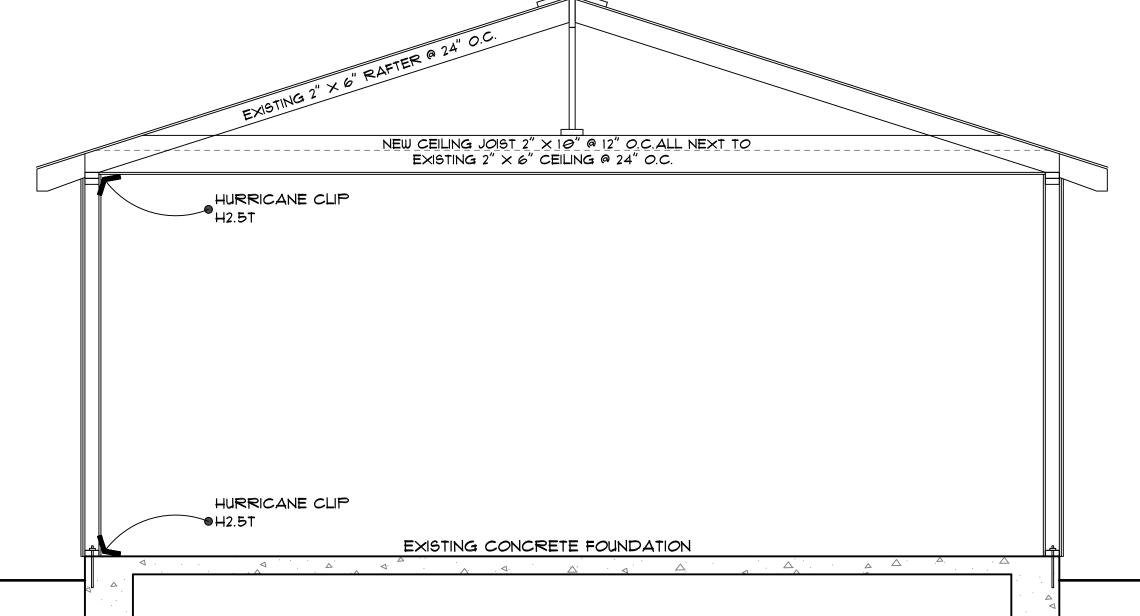
NOT TO SCALE



TYPICAL WIND STRAPPING DETAILS



12



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

Engineering 8 Construction,

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ROBERI RJO COI GARAGE, REMODEL 4024 EDISON,



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	MARK:	DATE:	DESCRIPTION:

PROJECT NUMBER:
CAD DRAWING FILE:
DRAWN BY: A.J.
CHECKED BY: J.R
DATE: Ø1-18-21

SHEET TITLE:

FRAMING PLANS- DETAILS

S1.00