



CERTIFICATE OF APPROPRIATENESS

Reviewed by the Houston Archaeological and Historical Commission

ITEM B29

May 21st, 2026

1038 W Temple Street
Norhill

HPO File #: HP2026_0109

Applicant: Rod Frego, agent for Jessica Morgan, owner

Property: 1038 W Temple St. Houston, T.X. 77009 Lot 9, Block 129, North Norhill Subdivision. The property includes a historic 980 SF one-story single-family residence with a detached garage situated on a 5,000 square foot (50' X 100") corner lot.

Significance: This is an English Bungalow contributing residential structure with a partially contributing detached garage constructed circa in 1930 in the Norhill Historic District.

Proposal: New Construction – Addition of Carport

The proposal is as follows:

- Build a new carport with storage in rear of the structure.
- 558 SF of additional space (dimensions: 31' X 18')
- Pitch height: 14'5"
- Architectural shingles; match to existing
- 7'6" of siding specifically hardie plank
- Double columns with brick wainscot foundation

Public Comment: No public comment received.

Civic Association: No comment received.

Recommendation: Approval

HAHC Action: -



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APPROVAL CRITERIA

ALTERATIONS, REHABILITATIONS, RESTORATIONS AND ADDITIONS

Sec. 33-241: HAHC shall issue a certificate of appropriateness for the alteration, rehabilitation, restoration or addition of an exterior feature of (i) any landmark, (ii) protected landmark, (iii) any building, structure or object that is part of an archaeological site, or (iv) contributing building in a historic district upon finding that the application satisfies the following criteria, as applicable:

S D NA S - satisfies D - does not satisfy NA - not applicable

- (1) The proposed activity must retain and preserve the historical character of the property; Staff criteria comments 10pt. italic, red. Delete bottom sections if DGs don't apply.
(2) The proposed activity must contribute to the continued availability of the property for a contemporary use;
(3) The proposed activity must recognize the building, structure, object or site as a product of its own time and avoid alterations that seek to create an earlier or later appearance;
(4) The proposed activity must preserve the distinguishing qualities or character of the building, structure, object or site and its environment;
(5) The proposed activity must maintain or replicate distinctive stylistic exterior features or examples of skilled craftsmanship that characterize the building, structure, object or site;
(6) New materials to be used for any exterior feature excluding what is visible from public alleys must be visually compatible with, but not necessarily the same as, the materials being replaced in form, design, texture, dimension and scale;
(7) The proposed replacement of exterior features, if any, should be based on an accurate duplication of features, substantiated by available historical, physical or pictorial evidence, where that evidence is available, rather than on conjectural designs or the availability of different architectural elements from other structures;
(8) Proposed additions or alterations must be done in a manner that, if removed in the future, would leave unimpaired the essential form and integrity of the building, structure, object or site;
(9) The proposed design for any exterior alterations or addition must not destroy significant historical, architectural, archaeological or cultural material, including but not limited to siding, windows, doors and porch elements;
(10) The proposed alteration or addition must be compatible with the massing, size, scale material and character of the property and the context area; and
(11) The distance from the property line to the front and side walls, porches, and exterior features of any proposed addition or alteration must be compatible with the distance to the property line of similar elements of existing contributing structures in the context area.



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DISTRICT MAP

1038 W TEMPLE ST





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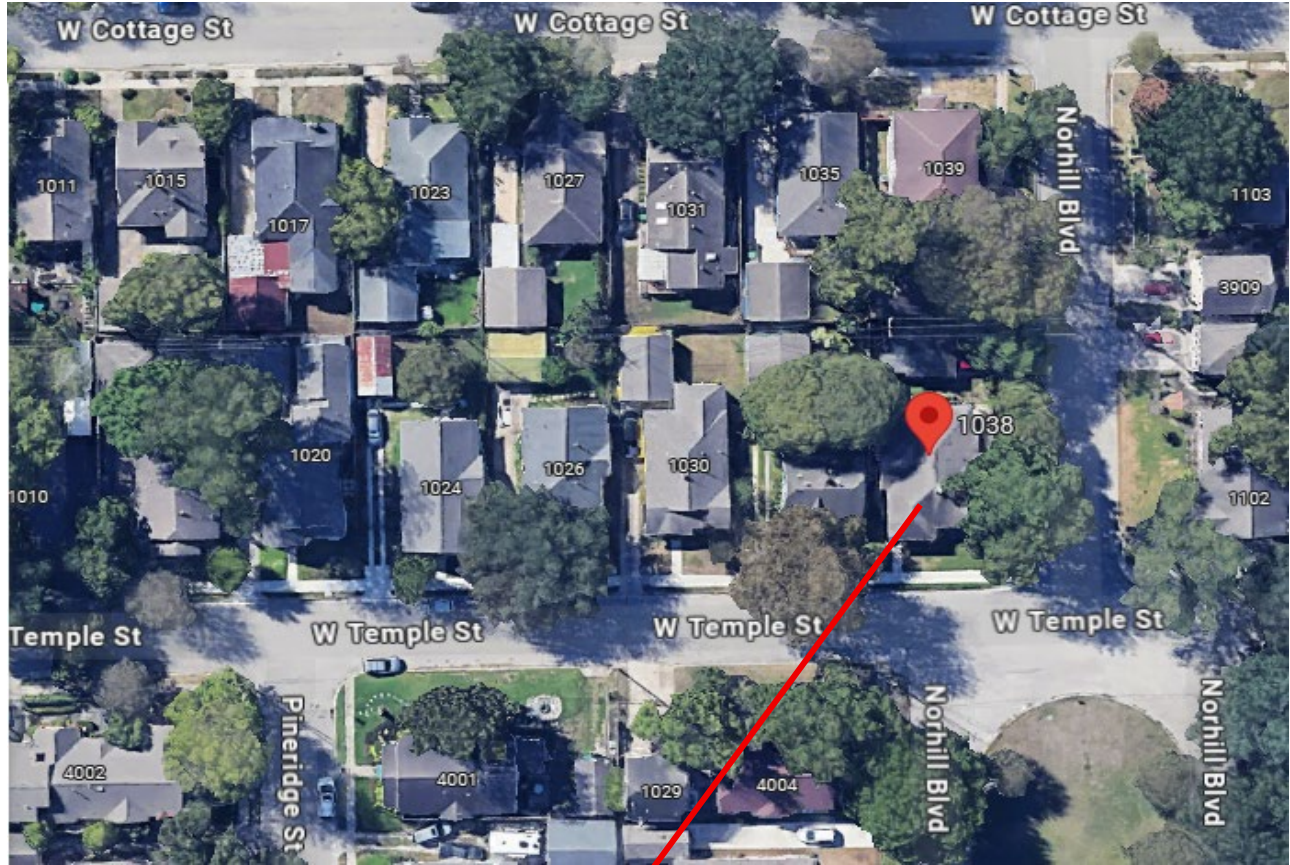
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CURRENT PHOTO





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CURRENT PHOTOS (CONTINUED)





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See ATTACHMENT

DRAFT

WEST TEMPLE STREET

(PLATTED AS TEMPLE AVENUE)
(50' R.O.W.)

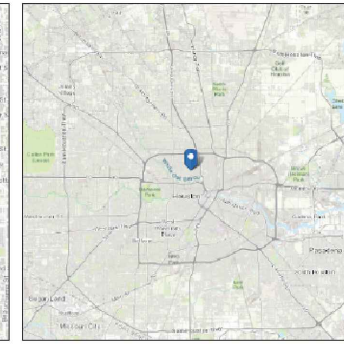
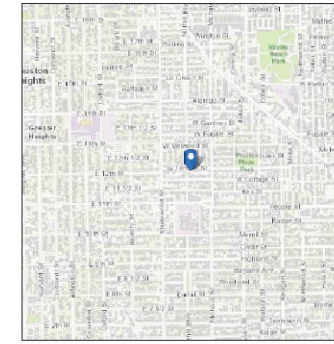
SCOPE OF WORK:
a) DEMO AND REPLACE DRIVEWAY
b) BUILD NEW GARAGE



ASCE Hazards Report

Address:
1038 W Temple St
Houston, Texas
77009

Standard: ASCE/SEI 7-22
Risk Category: II
Soil Class: Default
Latitude: 29.792778
Longitude: -95.385786
Elevation: 52.852250585628916 ft (NAVD 88)



Wind

Results:

Wind Speed	132 Vmph
10-year MRI	76 Vmph
25-year MRI	90 Vmph
50-year MRI	103 Vmph
100-year MRI	112 Vmph
300-year MRI	125 Vmph
700-year MRI	132 Vmph
1,700-year MRI	139 Vmph
3,000-year MRI	144 Vmph
10,000-year MRI	153 Vmph
100,000-year MRI	168 Vmph
1,000,000-year MRI	179 Vmph

Data Source: ASCE/SEI 7-22, Fig. 26.5-1B and Figs. CC.2-1-CC.2-4, and Section 26.5.2
Date Accessed: Sat Mar 28 2026

Legal Description: **LT 10 BLK 129 NORTH NORHILL**
Property Address: **1038 W TEMPLE ST HOUSTON TX 77009**



BUILDING CODE ENFORCEMENT CALCULATION OF IMPERVIOUS PERCENTAGE

PROJECT INFORMATION

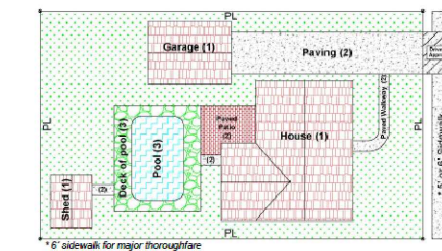
City Project Number: _____ Date: 3/28/26

Address: 1038 WEST TEMPLE, HOUSTON TX 77009

Applicant's Printed Name: LUIS ENRIQUEZ Applicant's Signature: _____

CALCULATION OF IMPERVIOUS AREA PERCENTAGE

A. Total area of impervious cover located on private property.



This diagram is to assist in identifying the various items considered impervious.

IMPORTANT NOTES

- If > 65% refer the Infrastructure Design Manual (IDM), Chapter 9, Section H for additional provisions and provide calculation in the submitted plans for review.
- Permeable Pavement System must be considered impervious in the table below.
- Stormwater Quality Permit is requested (according to IDM, Ch. 9) for using these Low Impact Development (LID) techniques.
- All drainage plans will be reviewed by the Storm Review team.

	Existing Sq. Ft.	Proposed Sq. Ft.	Final Sq. Ft.	Disturbed Sq. Ft.
1. Building(s) (e.g. house, garage, shed, carport)	1486	504	1990	0
2. Paving (e.g. driveway, sidewalk, patio, etc.)	320	0	320	0
3. Detention Ponds, etc.	0	0	0	0
4. Swimming Pool	0	0	0	0
5. Others	0	0	0	0
Totals	1806	504	2310 sq. ft. (A)	0 sq. ft.

B. Total Area of Lot: 5000 sq. ft.

C. Percentage Impervious Area Calculation

$$\left(\frac{2310}{5000} \right) \times 100 = 46.2\%$$

DESIGN LOADS :

2021 INTERNATIONAL RESIDENTIAL CODE
2021 UMC HOUSTON AMENDMENTS
2021 UPC HOUSTON AMENDMENTS
2021 IECC AMENDMENTS, RESIDENTIAL PROVISIONS
2023 NATIONAL ELECTRIC CODE (NEC)

WIND SPEED = 135 MPH, 3 SEC GUST, EXP. C
ROOF LIVE LOAD = 20.0 PSF
ROOF DEAD LOAD = 15.0 PSF

THESE PLANS ARE AN OUTLINE OF MINIMUM SPECIFICATIONS NOTED IN SALES CONTRACT AND SIGNED BETWEEN CONTRACTOR AND OWNER. IT IS THE SOLE RESPONSIBILITY OF THE OWNER AND CONTRACTOR TO PREVIEW AND NOTIFY ALL PARTIES INVOLVED OF ANY DISCREPANCIES BETWEEN CONTRACT AND PLANS. FOR ALL SALES ITEMS SUCH AS, BUT NOT LIMITED TO, SIZE OF PROJECT, QUANTITY OF MECH, ELEC. AND PLUMBING ITEMS, CONTRACT SHALL TAKE PRECEDENCE. ANY FORM OF STRUCTURAL, FABRICATION OR ASSEMBLY DETAILS, PLANS SHALL TAKE PRECEDENCE.

TDI INFO :

ALL PRODUCTS SUCH AS DOORS, WINDOWS, SHINGLES, SIDING, ANY ROOF PENETRATION PRODUCT (RIDGE VENT, ROOF JACKS, ROOF VENTS, ETC.) MUST HAVE CURRENT TDI APPROVAL AS STATED ON THE PRODUCT EVALUATION INDEX.

PERMIT ENGINEERING SERVICES - F-23507
04/09/2026 10:32 AM

Contractor name:

FREGO CONSTRUCTION
8211 DEBBIE GAY DR.
HOUSTON 77040

713-937-0918

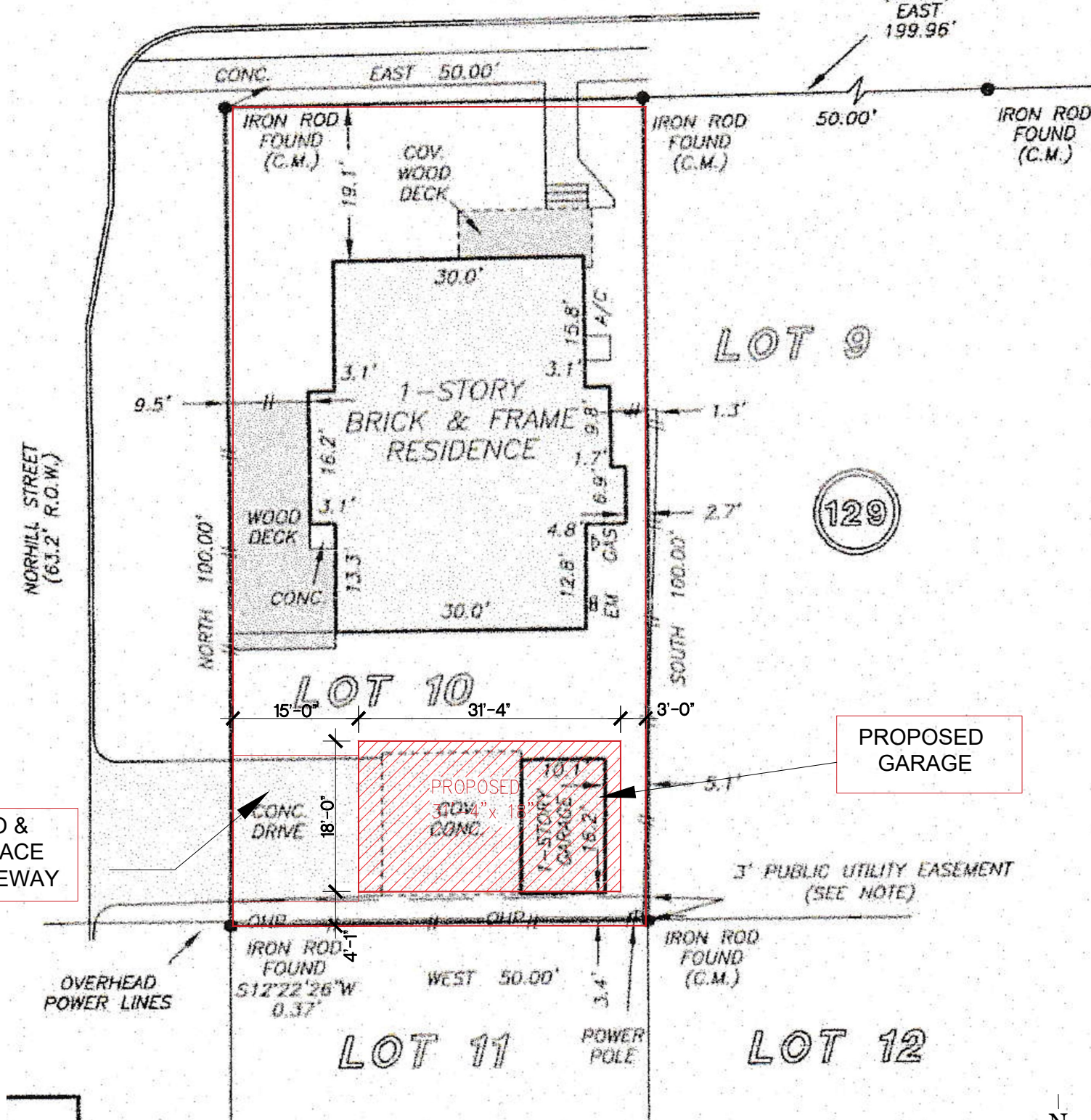
Engineer's seal:



Project Name & Address
1038 WEST TEMPLE
HOUSTON TX 77009

SURVEY

Project: _____ Sheet: **A0**
Date: 03/28/2026
Scale: AS SHOWN

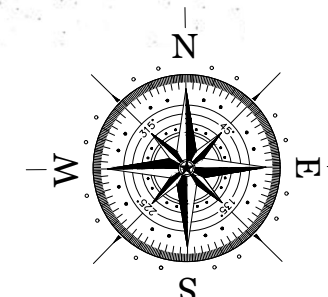


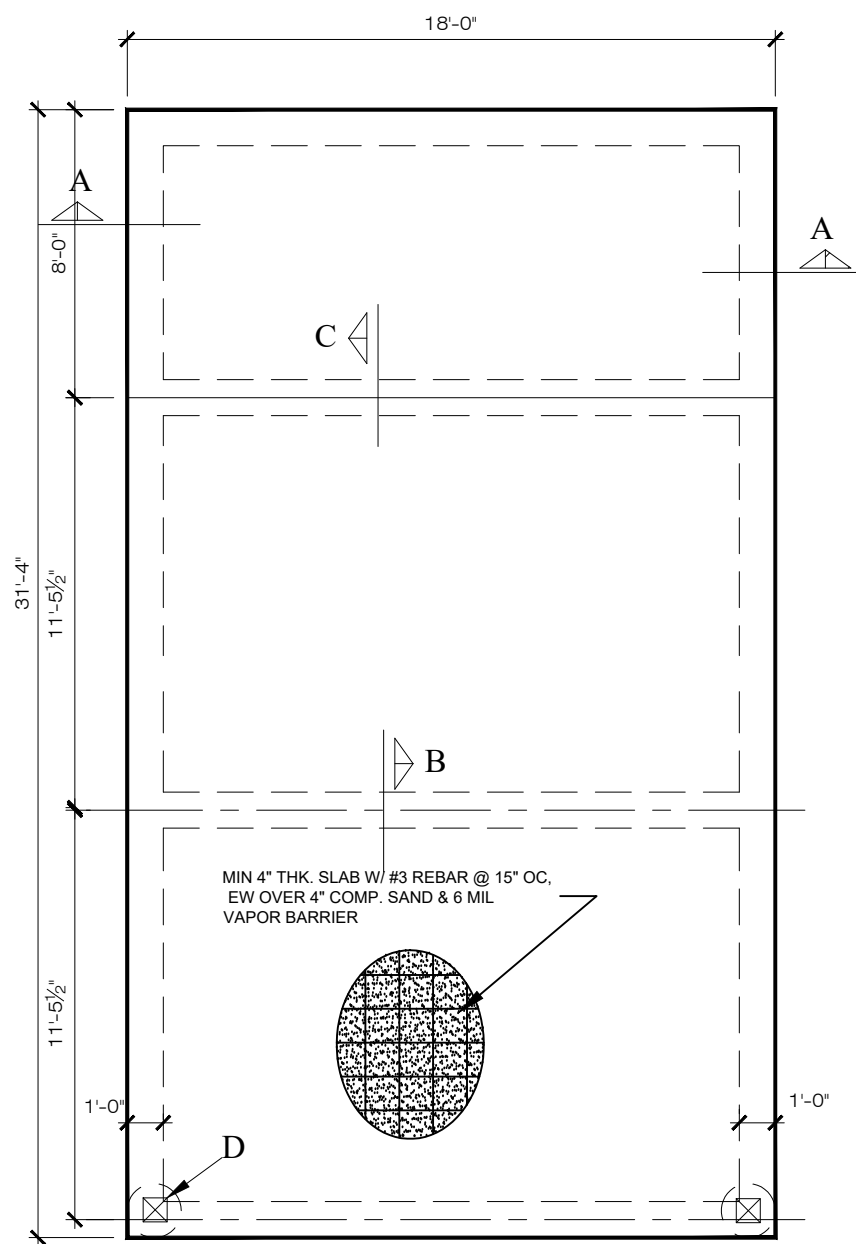
DEMO & REPLACE DRIVEWAY

PROPOSED GARAGE

SITE PLAN LOCATION

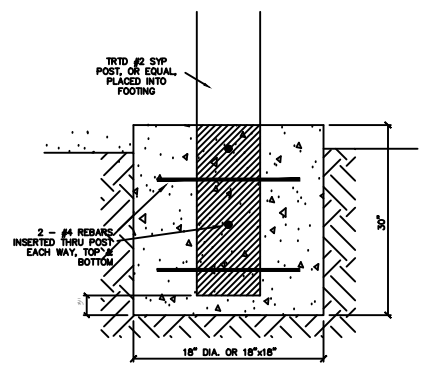
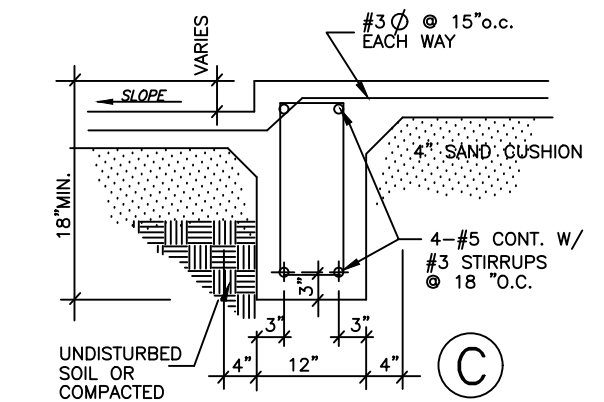
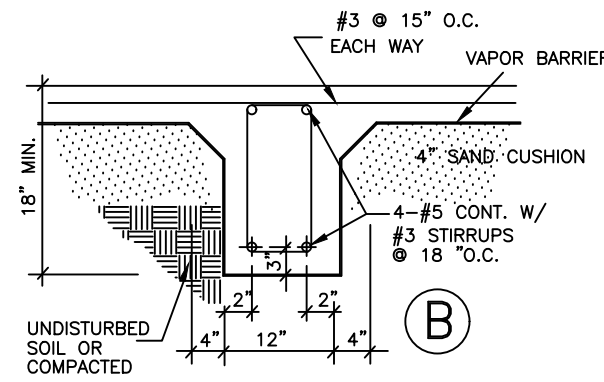
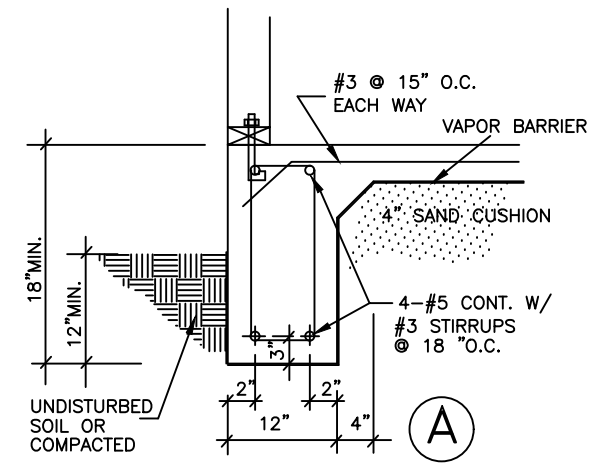
scale: 1:200





1 FOUNDATION PLAN

3/16" = 1'-0"



POST FOUNDATION FOR CARPORTS/PATIOS
SCALE: NTS
CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
DRAWING NO. 08R05

CONCRETE NOTES AND SPECIFICATIONS:

- UNLESS OTHERWISE NOTED ALL REINFORCING BARS SHALL CONFIRM TO ASTM A-615 GRADE 60 (60,000 PSI YIELD) AND ALL DOWELS AND STIRRUPS SHALL CONFIRM TO GRADE 40 (40,000 PSI YIELD). REINFORCING SHALL BE FREE FROM OIL, DIRT AND OTHER MATERIALS THAT WOULD REDUCE THE BOND WITH THE CONCRETE.
- ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I. MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD.
- FLYASH MAY BE USED TO REPLACE A PORTION OF THE PORTLAND CEMENT. THE RATIO OF FLYASH TO THE TOTAL FLYASH AND CEMENT IN A MIX SHALL NOT EXCEED 20 %. FLYASH SHALL CONFORM TO ASTM C618. TYPE C OR F.
- NO WATER SHALL BE ADDED TO THE CONCRETE AT THE JOBSITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE CONCRETE SUPPLIER TO ENSURE A WORKABLE MIX WITHOUT THE ADDITION OF WATER AT THE JOBSITE. THE USE OF PLASTICIZERS, RETARDANTS AND OTHER ADDITIVES SHALL BE AT THE OPTION OF THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER. FOLLOW THE RECOMMENDATIONS OF THE MANUFACTURER FOR THE PROPER USE OF ADDITIVES. THE USE OF CALCIUM CHLORIDE OR OTHER CHLORIDE BEARING SALTS SHALL NOT BE PERMITTED.
- MAXIMUM SLUMP IN CONCRETE SHALL NOT EXCEED 5" IN FLATWORK.
- ALL REINFORCING STEEL SHALL BE LAPPED PER THE "REINFORCING SPLICE SCHEDULE" AT SPLICES AND AROUND CORNERS OR INTERSECTIONS WITH A STANDARD 90 DEGREE BEND ON CORNER BARS. LAP TOP BARS AT CENTER OF SPAN; LAP BOTTOM BARS AT SUPPORTS. LAP WELDED WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.

REINFORCING SPLICE SCHEDULE

REINF. SIZE	CONCRETE STRENGTH (PSI)				
	3000	4000	5000	6000	7000
#3	22"	19"	17"	16"	14"
#4	29"	25"	23"	21"	19"
#5	36"	31"	28"	26"	24"
#6	43"	37"	34"	31"	28"

- PLACE CONCRETE IN A MANNER SO AS TO PREVENT SEGREGATION OF THE MIX. DELAY FLOATING AND TROWELING OPERATIONS UNTIL CONCRETE HAS LOST SURFACE WATER SHEEN OR ALL FREE WATER. DO NOT SPRINKLE FREE CEMENT ON THE SLAB SURFACE. FINISHING OF SLAB SURFACES SHALL COMPLY WITH THE RECOMMENDATIONS OF AC1 302.1 AND 304.

DESIGN LOADS :

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2021 UMC HOUSTON AMENDMENTS
2021 UPC HOUSTON AMENDMENTS
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PERMIT ENGINEERING SERVICES - F-23507
04/09/2026 10:33 AM

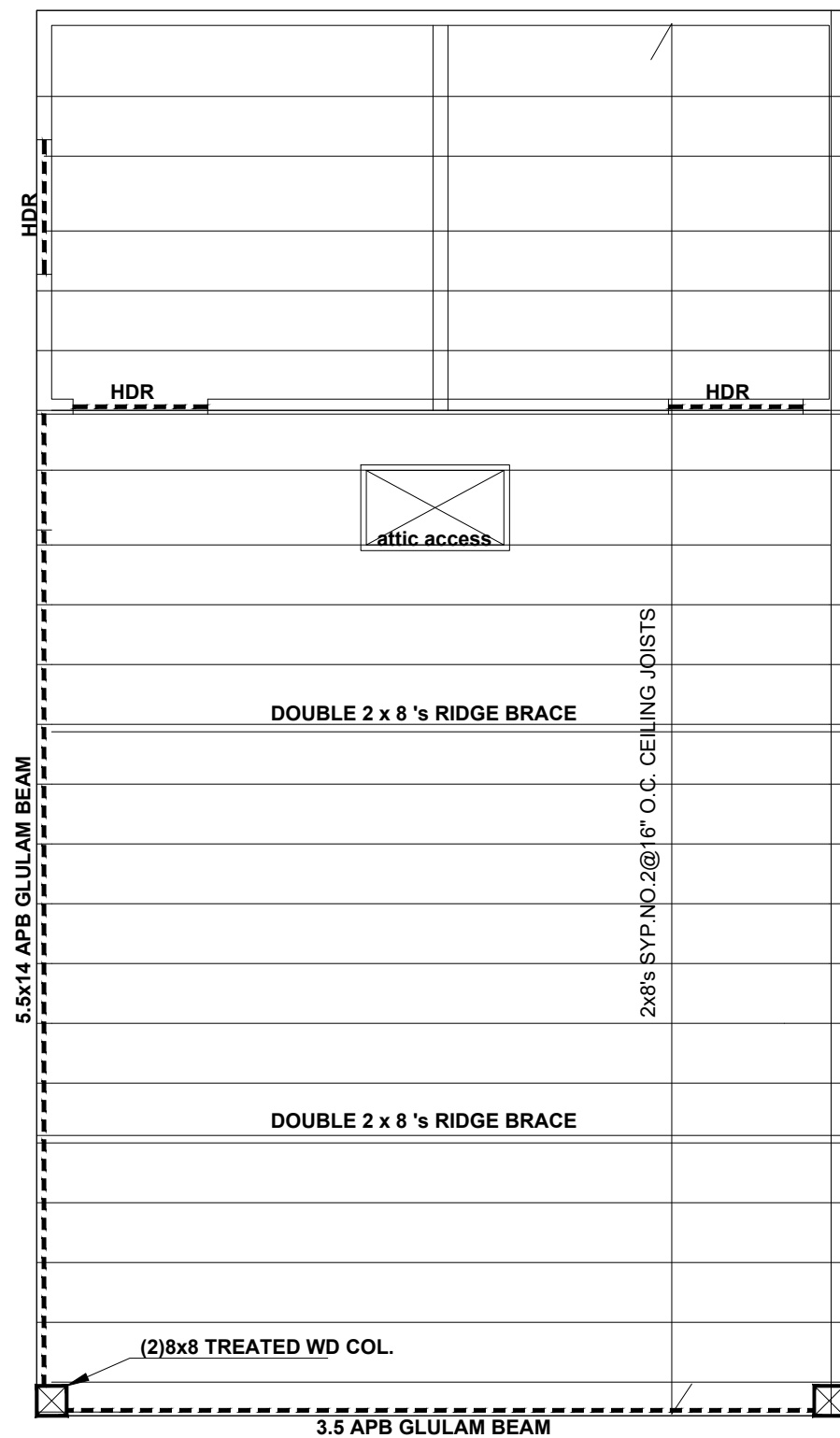
Contractor name:
FREGO CONSTRUCTION
8211 DEBBIE GAY DR.
HOUSTON 77040
713-937-0918



Project Name & Address
1038 WEST TEMPLE
HOUSTON TX 77009

FOUNDATION FRAMING PLAN

Project: Sheet:
Date: 03/28/2026 **S1**
Scale: AS SHOWN



2 CEILING PLAN
3/16" = 1'-0"

FRAMING NOTES:

ALL STRUCTURAL FRAMING MEMBERS/ STUDS TO BE A MINIMUM OF (SYP #2). CONSULT WITH ENGINEER PRIOR TO USE OF DIFFERENT FRAMING MATERIAL GRADE/ SIZE.

ALL INTERIOR BEARING HEADERS TO MATCH EXTERIOR HEADER SPECS.

ALL WALL STUDS & COMPONENTS TO BE STUD GRADE (MIN) S.Y.P. FOR WIND SPEED \leq 120 MPH, SPF STUDS MAY BE SUBSTITUTED.

ALL SILL PLATE MATERIAL TO BE "TREATED" (OR EQUAL) DOUGLAS FIR, #2 OR BETTER, SET ON 1/8" (MIN) SILL SEALER.

L.V.L. MATERIAL TO "GANG-LAM", BY MITEK, OR EQUAL. PROTECT & INSTALL ACCORDING TO MANUFACTURERS SPECS.

ALL EXTERIOR COLUMNS TO BE "TREATED" (OR EQUAL) ARCHITECTURAL GRADE, SMOOTH MILL FINISHED.

ALL EXTERIOR COLUMNS TO BE SET IN "SIMPSON" (OR EQUAL) POST BASES W/"SIMPSON" (OR EQUAL) COLUMN CAPS TO ACCEPT BEAMS.

ALL FLOOR & ROOF FRAMING TO BE MINIMUM #2 S.Y.P. W/MILL APPLIED GRADING MARKS VISIBLE PRIOR TO DRY WALL APPLICATION.

FLOOR DECKING TO BE 3/4" CDX NAILED AND GLUED ADEQUATELY TO ALL JOIST.

ALL FLOOR DECKING TO BE GLUED ADEQUATELY TO JOIST. ALL DECKING TO BE NAILED AS PER MANUFACTURERS SPECS.

PROVIDE ADEQUATE BLOCKING FOR ALL CEILING FAN & LIGHT FIXTURE APPLICATIONS, SEE ELECTRICAL LAYOUT FOR LOCATIONS OF ALL CURRENT & FUTURE FIXTURES.

ALL RIDGE BOARD BRACING EXCEEDING 4'-6" IN LENGTH TO BE T-BRACED. SOLID BLOCKING REQUIRED UNDER ALL TRIMMERS, POINT LOADS, ETC.

NOTES

ALL JOISTS TO BE 2x8's -#2 SYP @ 16" O.C., U.N.O.

ALL HANGERS BY SIMPSON, U.N.O.

MEMBERS MARKED "HDR" (2x4 WALL) TO BE (2) 2x8 #2 SYP W/SOLID PLYWOOD FLITCH, U.N.O.

MEMBERS MARKED "HDR" (2x6 WALL) TO BE (3) 2x8 #2 SYP W/SOLID PLYWOOD FLITCH, U.N.O.

ALL PSL BEAMS TO BE BY TRUS JOIST

GLUE-LAM BEAMS BY ANTHONY POWER BEAMS



LOCATION OF RIDGE BRACE

ALL PURLINS AND RIDGE/ HIP MEMBERS TO BE SUPPORTED BY LOAD BEARING WALLS OR ENHANCED FRAMING MEMBERS SHOWN ON PLANS. MINIMUM DOUBLE STUD UNDER EACH POINT LOAD AT BEARING WALL. CONTINUES SUPPORT FROM POINT LOAD TO FOUNDATION OR STRUCTURAL MEMBERS.

DESIGN LOADS :

2021 INTERNATIONAL RESIDENTIAL CODE
2021 UMC HOUSTON AMENDMENTS
2021 UPC HOUSTON AMENDMENTS
2021 IECC AMENDMENTS, RESIDENTIAL PROVISIONS
2023 NATIONAL ELECTRIC CODE (NEC)

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PERMIT ENGINEERING SERVICES - F-23507

04/09/2026 10:34 AM

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FREGO CONSTRUCTION
8211 DEBBIE GAY DR.
HOUSTON 77040

713-937-0918

Engineer's seal:



Project Name & Address

1038 WEST TEMPLE
HOUSTON TX 77009

CEILING FRAMING
PLAN

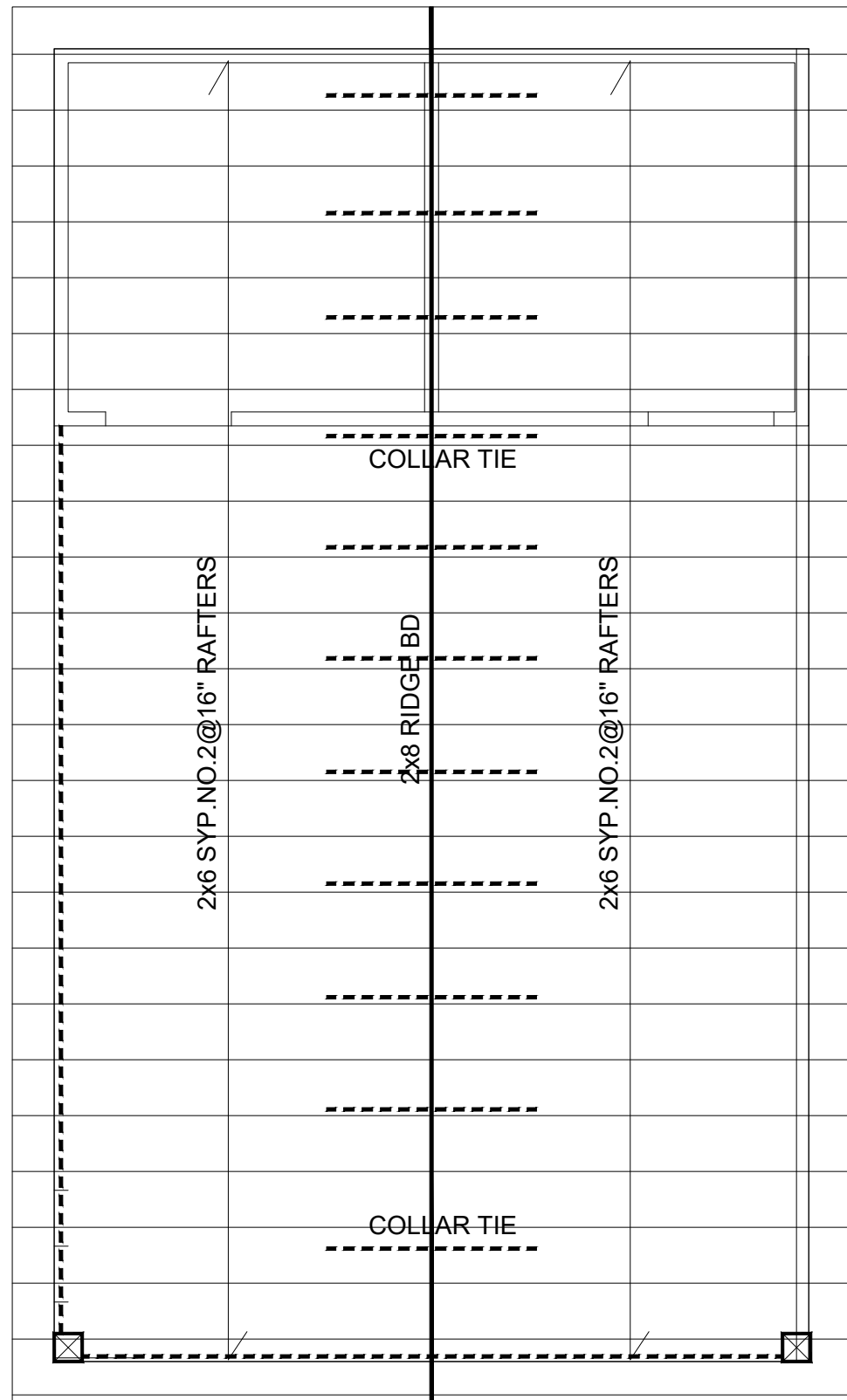
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Date: 03/28/2026

Scale: AS SHOWN

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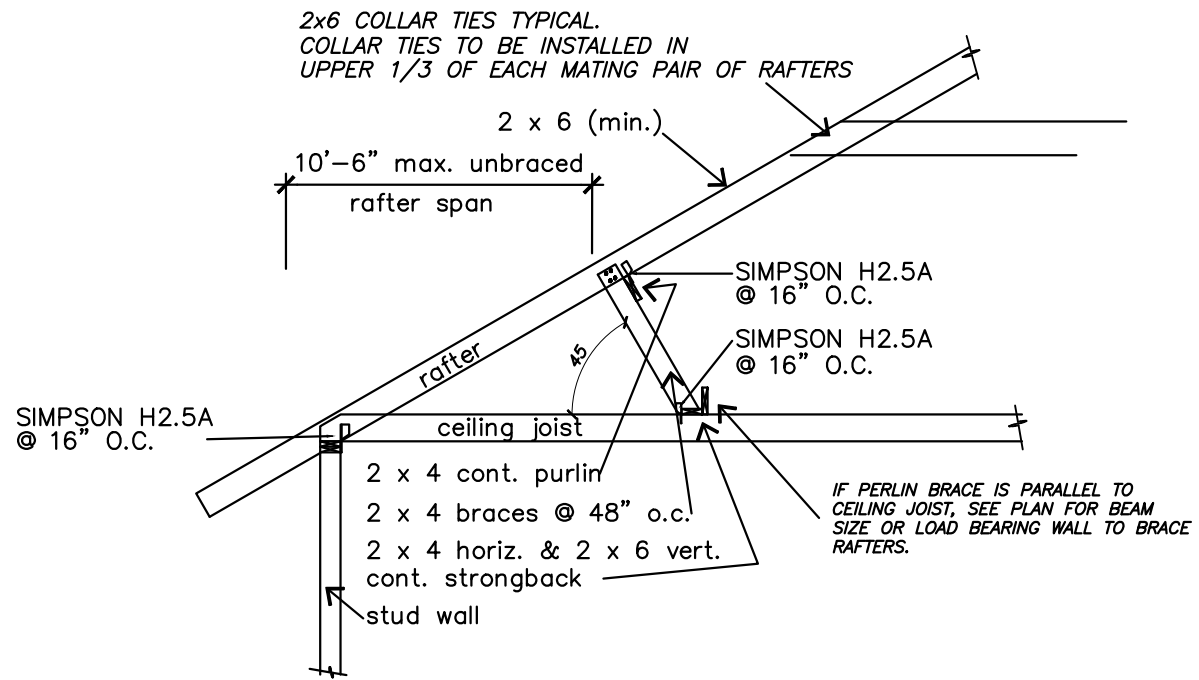
S2



3

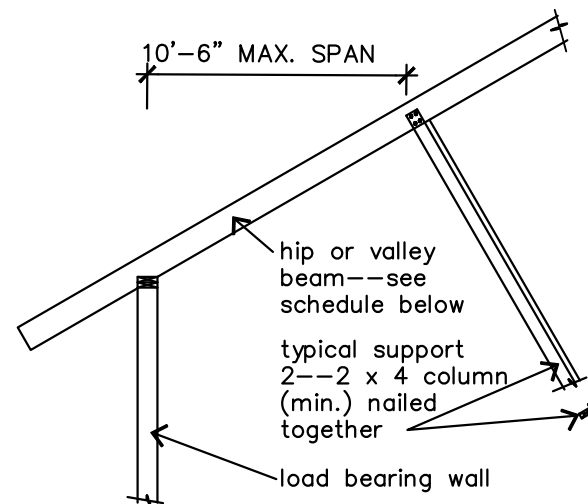
RAFTER PLAN

3/16" = 1'-0"



RAFTER BRACING DETAIL

* 10'-6" max. unbraced rafter span for COMP. SHINGLES. roofing material, typ.



NOTES

ALL RAFTERS TO BE 2x6-#2 SYP @ 16" O.C., U.N.O.

ALL RIDGE AND HIP RIDGE MEMBERS TO BE 2x10-#2 SYP, U.N.O.

— INDICATES 2x6 "L" SHAPE PURLINS

* INDICATES 2x6 "T" BRACE DOWN TO WALLS OR BEAMS.

DESIGN LOADS :

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 2021 UMC HOUSTON AMENDMENTS
 2021 UPC HOUSTON AMENDMENTS
 2021 IECC AMENDMENTS, RESIDENTIAL PROVISIONS
 2023 NATIONAL ELECTRIC CODE (NEC)

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PERMIT ENGINEERING SERVICES - F-23507

04/09/2026 10:34 AM

Contractor name:

FREGO CONSTRUCTION
 8211 DEBBIE GAY DR.
 HOUSTON 77040

713-937-0918

Engineer's seal:



Project Name & Address

1038 WEST TEMPLE
 HOUSTON TX 77009

ROOF FRAMING PLAN

Project:

Date: 03/28/2026

Scale: AS SHOWN

Sheet:

S3

GENERAL NOTES: WOOD FRAMING

1. LUMBER AND ITS FASTENINGS, SHALL CONFORM TO THE "NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION, LATEST EDITION. FRAMING PRACTICES TO ADHERE TO THE IRC 2012 CODE.

MINIMUM GRADE OF FRAMING MATERIALS (ALL MATERIAL MUST BE GRADE MARKED):

BEAMS AND HEADERS	NO. 2 KD SOUTHERN YELLOW PINE (SYP) 545
TOP PLATES	NO. 2 KD SOUTHERN YELLOW PINE (SYP) 545
WALL STUDS	NO. 3 KD SOUTHERN YELLOW PINE (SYP) 545
SILL PLATES	NO. 3 KD SOUTHERN YELLOW PINE (SYP) 545
WOOD POSTS	NO. 2 SYP SURFACE GREEN
FLOOR JOISTS	NO. 2 KD SOUTHERN YELLOW PINE (SYP) 545
ROOF FRAMING	NO. 2 KD SOUTHERN YELLOW PINE (SYP) 545

HEM FIR, SPRUCE OR OTHER SOFTWOODS SHALL NOT BE USED UNLESS SPECIFICALLY PROVIDED FOR IN THESE DRAWINGS.

** ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED LUMBER. ALL EXTERIOR COLUMNS TO BE PRESSURE TREATED

BEAM HEADERS

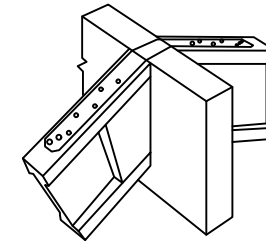
- BEAMS MADE OF MULTI-PLY 2x... MATERIAL, EACH PLY MUST BEAR ON THE WALL STUD. E.G. INSTALL SAME # OF STUDS UNDER BEAMS AS # OF PLYS IN BEAM
- ALL BEAMS MADE UP OF A NUMBER OF 2x... MATERIAL AND 1/2" CONTINUOUS PLYWOOD FLITCH SHALL BE FASTENED TOGETHER TO ACT AS A UNIT AS FOLLOWS:
 - 2x6 2 ROWS 16d NAILS SPACED @ 9" O.C. STAGGERED
 - 2x8, 2x10 3 ROWS 16d NAILS SPACED @ 9" O.C. STAGGERED
 - 2x12 4 ROWS 16d NAILS SPACED @ 9" O.C. STAGGERED W/ 1/2" DIA BOLTS @ 24" O.C. (W/ STD WASHERS) STAGGERED TOP & BOTTOM
- MINIMUM BEARING OF ANY BEAMING OR HEADER AT ANY STUD WALL IS 3 1/2"
- ALL HEADERS THAT ARE NOT SPECIFIED ON THE PLANS SHALL BE:
 - HEADERS SUPPORTING FLOOR FRAMING 2 PLY - 2x12 #2 SYP
 - HEADERS SUPPORTING CEILING FRAMING 2 PLY - 2x8 #2 SYP

FASTENING SCHEDULE

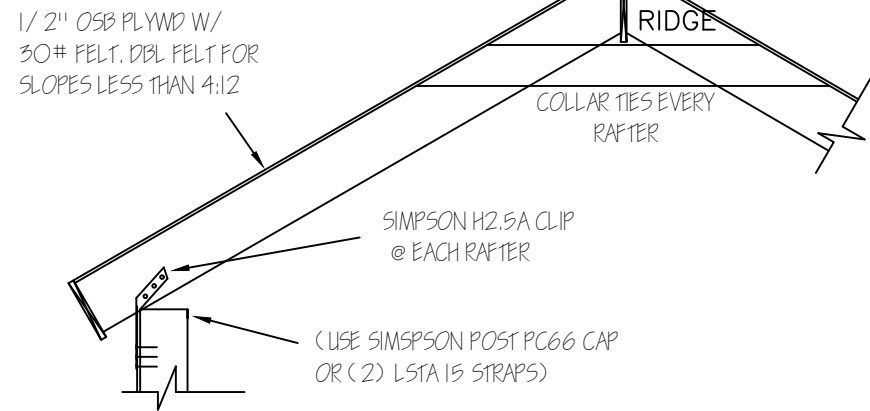
CONNECTION	TYPE	NAILING
JOIST TO SILL OR GIRDER	3 - 8d	TOE NAIL
BRIDGING TO JOIST	2 - 8d	TOE NAIL EACH END
SOLE PLATE TO JOIST OR BLOCKING	16d @ 16" o.c.	FACE NAIL
TOP PLATE TO STUD	2 - 16d	END NAIL
STUD TO SOLE PLATE	4 - 8d OR 2 - 16d	TOE NAIL
DOUBLE STUDS	16d @ 16" o.c.	FACE NAIL
DOUBLED TOP PLATES	16d @ 16" o.c.	FACE NAIL
DOUBLE TOP PLATES, LAP SPLICE	8 - 16d	FACE NAIL
JOISTS/RAFTERS BLOCK TO TOP PLATE	3 - 8d	TOE NAIL
RIM JOIST TO TOP PLATE	8d @ 6" o.c.	TOE NAIL
TOP PLATES, LAP AND INTERSECTION	2 - 16d	FACE NAIL
CONTINUOUS HEADER, TWO PIECES	16d @ 16" o.c.	ALONG EACH EDGE
CEILING JOISTS TO PLATE	3 - 8d	TOE NAIL
CONTINUOUS HEADER TO STUD	4 - 16d	TOE NAIL
CEILING JOISTS, LAPS OVER PARTITIONS	3 - 16d	FACE NAIL
CEILING JOISTS TO PARALLEL RAFTERS	3 - 16d	FACE NAIL
RAFTER TO PLATE	3 - 16d	TOE NAIL
1" BRACE TO EACH STUD AND PLATE	2 - 8d	FACE NAIL
BUILT-UP CORNER STUDS	16d @ 24" o.c.	ALONG FACE
BUILT-UP GIRDER AND BEAMS	16d @ 16" o.c.	TOP&BOT STAGGER
	4 - 16d	ENDS AND SPLICES
2" PLANKS	2 - 16d	EACH BEARING
ROOF TRUSS TO PLATE	2 - 16d	TOE NAIL
FLOOR TRUSS TO PLATE	2 - 16d	TOE NAIL
SHEAR PANELS TO BEARING PLATES	12 - 10d	FACE NAIL TOP&BOT
ROOF RAFTERS TO RIDGE, VALLEY	4 - 16d	TOE NAIL
OR HIP RAFTER	3 - 16d	FACE NAIL
COLLAR TIES TO FACE OF RAFTER	3 - 10d	FACE NAIL

* ALL NAILS ARE COMMON NAILS

RIDGE TIE REQUIRES SIMPSON LSTA21 STRAP @ 16" O.C. ATTACHED WITH 16-10d NAILS. THE NUMBER OF NAILS ON EACH SIDE OF THE RAFTER/RIDGE JOINT SHALL BE EQUAL. NAILS SHALL BE SPACED TO AVOID SPLITTING OF THE WOOD.



Typical LSTA Installation (hanger not shown)



SECTION @ PATIO BEAM

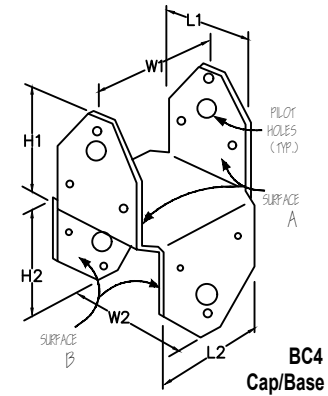
THICKNESS	NAILS	PANEL LOCATION	FASTENING SCHEDULE (Inches on center)
1/2" OR LESS	8d COMMON	PANEL EDGE (a)	4
		PANEL FIELD	8
19/32" OR GREATER	10d COMMON	PANEL EDGE (a)	4
		PANEL FIELD	8

(a) EDGE SPACING ALSO APPLIES OVER ROOF FRAMING AT GABLE END WALLS.

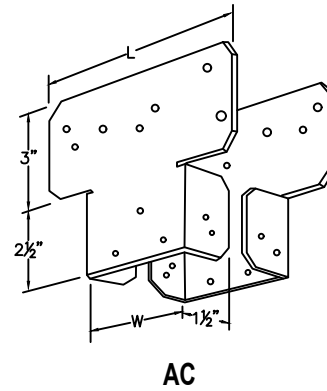
(b) USE RING-SHANK NAILS WITHIN 48" DISTANCE FROM GABLE END WALLS IF MEAN ROOF HEIGHT IS GREATER THAN 25'.

(c) ALL NAILS TO BE CORROSION RESISTANT.

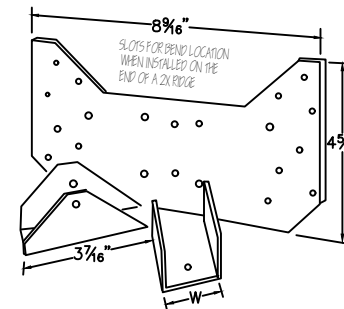
RECOMMENDED SIMPSON INSTALLATIONS



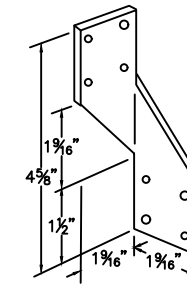
BC4 Cap/Base



AC

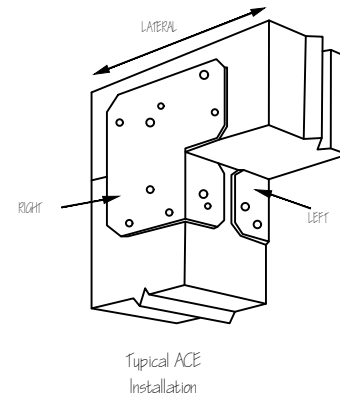
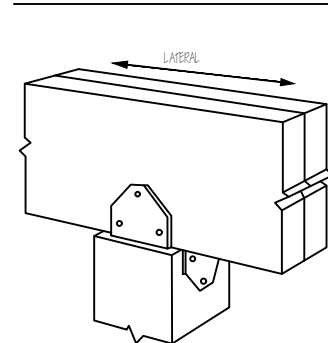


HRC22

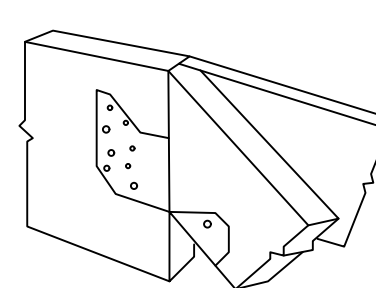


H2.5A

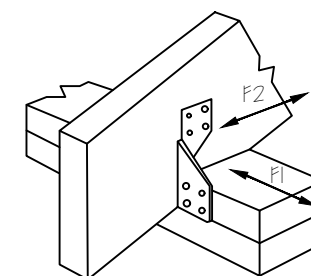
TYPICAL SIMPSON INSTALLATIONS



Typical ACE Installation



Typical HRC22 Installation on the end of a ridge



H2.5A Installation (Nails into upper top plate)

DESIGN LOADS :

2021 INTERNATIONAL RESIDENTIAL CODE
2021 UMC HOUSTON AMENDMENTS
2021 UPC HOUSTON AMENDMENTS
2021 IECC AMENDMENTS, RESIDENTIAL PROVISIONS
2023 NATIONAL ELECTRIC CODE (NEC)

WIND SPEED = 135 MPH, 3 SEC GUST, EXP. C
ROOF LIVE LOAD = 20.0 PSF
ROOF DEAD LOAD = 15.0 PSF

THESE PLANS ARE AN OUTLINE OF MINIMUM SPECIFICATIONS NOTED IN SALES CONTRACT AND SIGNED BETWEEN CONTRACTOR AND OWNER. IT IS THE SOLE RESPONSIBILITY OF THE OWNER AND CONTRACTOR TO PREVIEW AND NOTIFY ALL PARTIES INVOLVED OF ANY DISCREPANCIES BETWEEN CONTRACT AND PLANS. FOR ALL SALES ITEMS SUCH AS, BUT NOT LIMITED TO, SIZE OF PROJECT, QUANTITY OF MECH, ELEC. AND PLUMBING ITEMS, CONTRACT SHALL TAKE PRECEDENCE. ANY FORM OF STRUCTURAL FABRICATION OR ASSEMBLY DETAILS, PLANS SHALL TAKE PRECEDENCE.

TDI INFO :

ALL PRODUCTS SUCH AS DOORS, WINDOWS, SHINGLES, SIDING, ANY ROOF PENETRATION PRODUCT (RIDGE VENT, ROOF JACKS, ROOF VENTS, ETC.) MUST HAVE CURRENT TDI APPROVAL AS STATED ON THE PRODUCT EVALUATION INDEX.

PERMIT ENGINEERING SERVICES - F-23507
04/09/2026 10:35 AM

Contractor name:

FREGO CONSTRUCTION
8211 DEBBIE GAY DR.
HOUSTON 77040

713-937-0918

Engineer's seal:



Project Name & Address

1038 WEST TEMPLE
HOUSTON TX 77009

STANDARD
DETAILS

Project:	Sheet:
Date: 03/28/2026	S4
Scale: AS SHOWN	

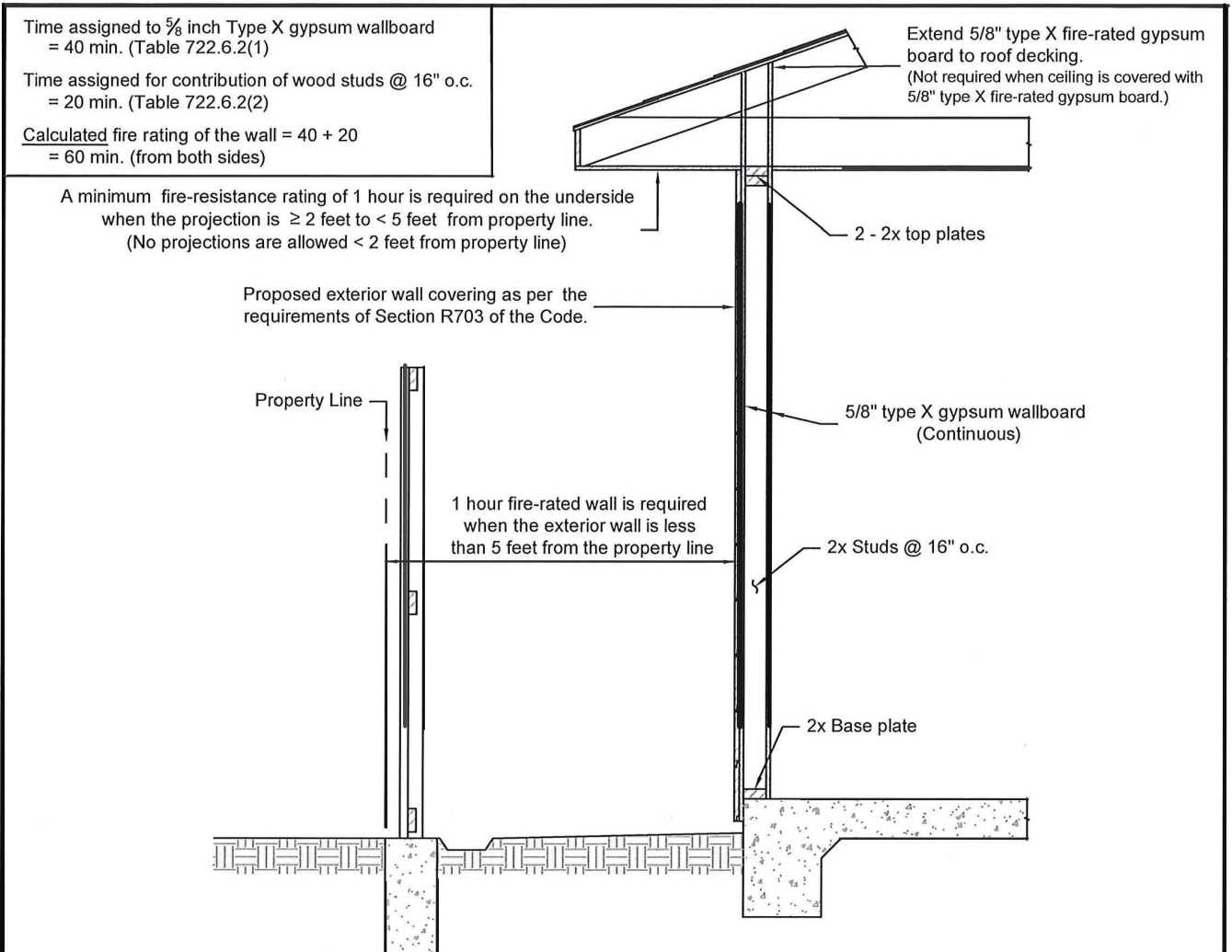
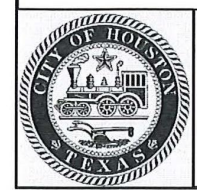


TABLE R302.1(1) EXTERIOR WALLS

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
Walls	Fire-resistance rated	1 hour--tested in accordance with ASTM E 119 or UL 263 with exposure from both sides	< 5 feet
	Not fire-resistance rated	0 hours	≥ 5 feet
Projections	Fire-resistance rated	1 hour on the underside	≥ 2 feet to < 5 feet
	Not fire-resistance rated	0 hours	≥ 5 feet
Openings in walls	Not allowed	N/A	< 3 feet
	25% maximum of wall area	0 hours	3 feet
	Unlimited	0 hours	5 feet
Penetrations	All	Comply with Section R302.4	< 5 feet
		None required	5 feet



STANDARD DRAWING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

1 HOUR FIRE-RATED WOOD STUD EXTERIOR WALL - ONE-STORY

APPROVED BY: *Gregory S. Hein*
BUILDING OFFICIAL

1002 WASHINGTON AVE., HOUSTON, TEXAS 77002

DATE: 11 / 30 / 2021 DWG No: 21-05-R 1 of 1

1 HR FIRE RATED WALL SPEC

DESIGN LOADS :

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Project: _____ Sheet: **S5**
 Date: 03/28/2026
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