

Oct 14, 2016

City of Deer Park,

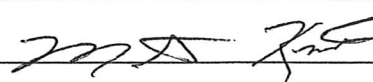
MY home At 3517 Luella
corner of Pasadena Blvd and Luella the
home with The huge trees and Always
decorated At most Holidays.

We Recieved A Building Permit
To Build A 16x50 RV Garage with A total
height of 15' MAX At the Peak As Per City
Rules. Today the Building Arrives and it is
16' 3" Tall. So I AM ASKING the City of
Deer Park For A Variance of 1'-3" From
Ground To MAX.

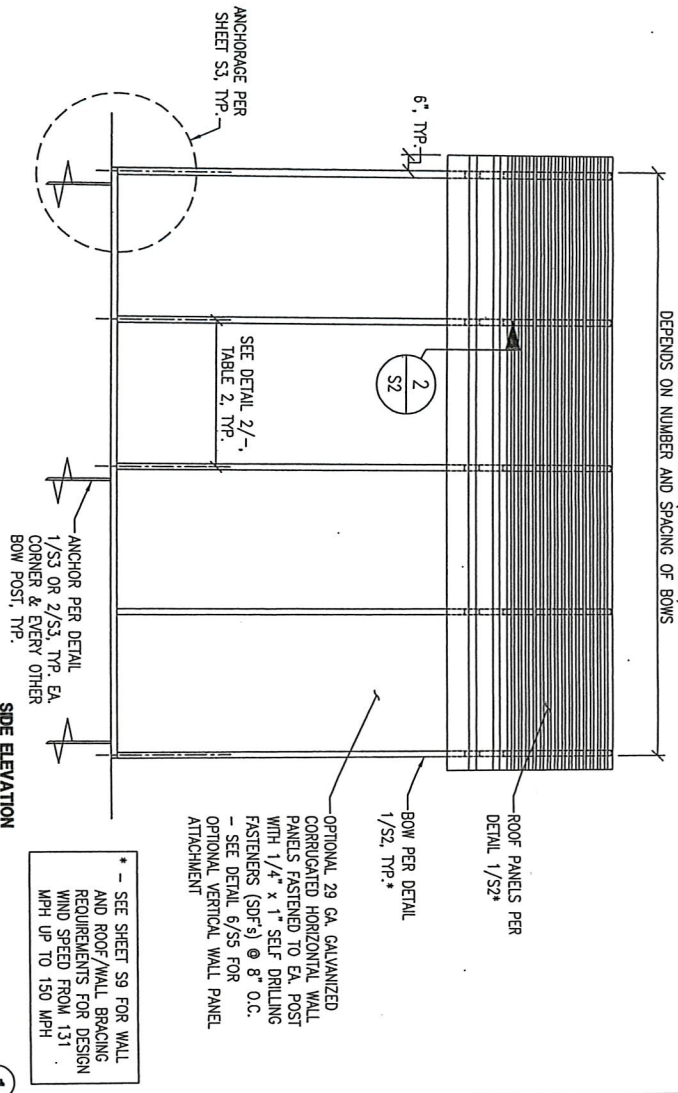
this Garage will Be total Brick
in the Front to match Exst. house & Hardy
Plank siding on the Sides of this RV garage.

Thanks For your Help

Mike Knott



OVERALL LENGTH VARIES (100'-0" MAX)
DEPENDS ON NUMBER AND SPACING OF BOWS



SIDE ELEVATION

N.T.S.

1

No Ribbed Metal To Be Seen From The Streets

TABLE 2	
BOW SPAN (SEE DETAIL 1/S2)	MAXIMUM O.C. BOW SPACING
UP TO 24'-0"	5'-0"
26'-0" TO 30'-0"	3'-6"

TABLE 1			
POST/BOW GAGE		WIND SPEED	
MAXIMUM POST HEIGHT	130 MPH MAX.	150 MPH MAX.	12 GA
10'-0"	14 GA	12 GA	
12'-0"	12 GA	12 GA	

BOW FRAMING TABLES

N.T.S.

2

DRAWING INDEX

- S1 ELEVATION VIEW & NOTES
- S2 BOW FRAME DETAILS
- S3 ANCHORAGE DETAILS
- S4 END WALL ELEVATIONS
- S5 DETAILS
- S6 DETAILS
- S7 DETAILS
- S8 DETAILS
- S9 ROOF/WALL BRACING DETAILS

CLIENT: Mike Knott

PROJECT LOCATION: Daer Park, Texas

THE DRAWINGS PRESENTED IN THIS PACKAGE ARE INTENDED FOR A SINGLE USE FOR THE CLIENT LISTED ABOVE AT THE LOCATION LISTED ABOVE. THESE DRAWINGS SHALL NOT BE REPRODUCED, REUSED, "COPIED", SOLD TO A THIRD PARTY, OR ALTERED IN ANY WAY WITHOUT THE WRITTEN AUTHORIZATION OF VECTOR STRUCTURAL ENGINEERS, P.C. PLANS ARE ONLY VALID IF THIS STAMP AND SIGNATURE ON ENGINEER'S STAMP APPEAR IN RED.

NOTES:

- DESIGN IS BASED ON THE 2012 INTERNATIONAL BUILDING CODE AND THE ASCE 7-10 STANDARD
- LOADS:
 - ROOF SNOW LOAD = 10 PSF (MAX.)
 - RISK CATEGORY: 1
 - WIND: VAIL = 150 MPH (MAX.), (3-SEC. GUST)
 - WIND EXPOSURE: 0
 - SEISMIC DESIGN CATEGORY: 0
- STEEL TUBES SHALL BE AS FOLLOWS:
 - 12 GA. F_y = 64.3 KSI - 2-1/4" SQUARE
 - 14 GA. F_y = 50 KSI - 2-1/2" SQUARE
- LOCATE ANCHORS AT EACH END OF BOW.
- FASTEN METAL ROOF PANELS TO BOW FRAME WITH 1/4"x1" SELF-DRILLING FASTENERS (SDP) @ 8" O.C. MAX.
- ALL FIELD CONNECTIONS SHALL BE 1/4"x1" SELF-DRILLING SCREWS.
- ALL SHOP CONNECTIONS SHALL BE WELDED.
- CONTRACTOR/OWNER TO VERIFY FOOTING REQUIREMENTS WITH LOCAL BUILDING DEPARTMENT PRIOR TO CONSTRUCTION. FOOTING DESIGN IS THE RESPONSIBILITY OF OTHERS.

ELEVATION VIEW & NOTES

STANDARD CARPORT
WITH OPTIONS

HIGH WIND RATING

U1319-001-111

S1 REV 0

VECTOR
ENGINEERS

1470 S. State St., Suite 101
Spokane, WA 99201
(509) 326-1775
www.vectorinc.com

DATE: 7-14-2016 DESIGNED BY: JG/ALTER: MAP

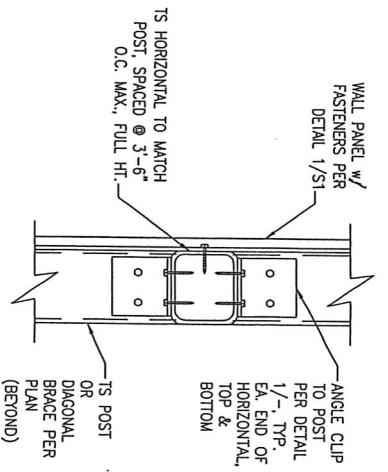
REVISIONS

DATE DESCRIPTION

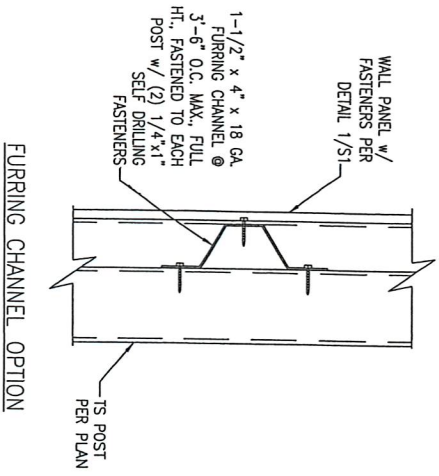
DESIGNED EXCLUSIVELY FOR
EAGLE CARPORTS
16388 FANCY GAP HIGHWAY
CANA, VA 24317
1-800-577-8589



OCT 0 3 2016



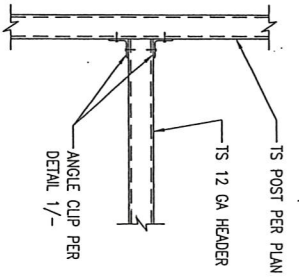
FLUSH TS HORIZONTAL OPTION



VERTICAL WALL PANEL ATTACHMENT

NTS

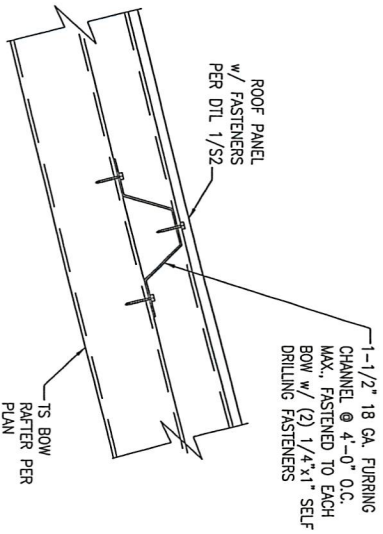
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HEADER TO POST CONN. DETAIL

NTS

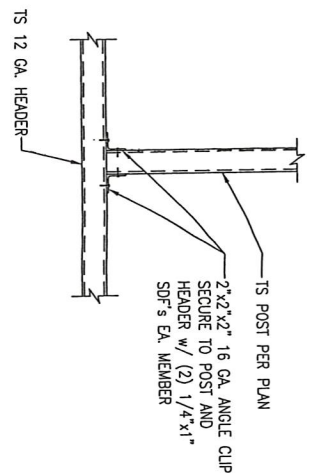
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VERTICAL ROOF PANEL ATTACHMENT

NTS

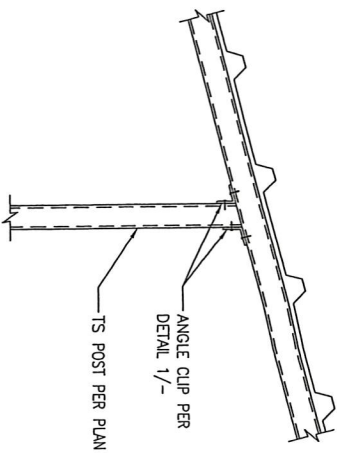
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END POST TO HEADER/RAIL CONN. DETAIL

NTS

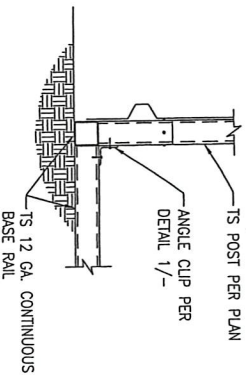
1



END POST/BOW CONN. DETAIL

NTS

2



END BOW/BASE RAIL CONN. DETAIL

NTS

3

DETAILS

STANDARD CARPORT WITH OPTIONS

HIGH WIND RATING

U1319-001-111

S5

REV 0



DESIGNED EXCLUSIVELY FOR
EAGLE CARPORTS
16398 FRANK GAP HIGHWAY
CANVA, VA 23017
1-800-579-8589

REVISIONS	
DATE	DESCRIPTION

8130 S. Gula Rd. Suite 101
Shreveport, LA 71209
www.eaglecarports.com
800.579.8589
900.579.8589

DESIGNED EXCLUSIVELY FOR
EAGLE CARPORTS
16389 FANCY GAP HIGHWAY
CANA, VA 24317
1-800-579-8589



OCT 03 2016

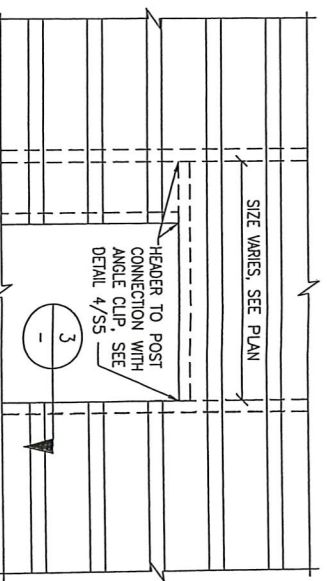
DETAILS

**STANDARD CARPORT
WITH OPTIONS**

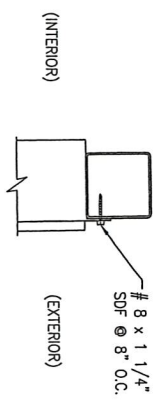
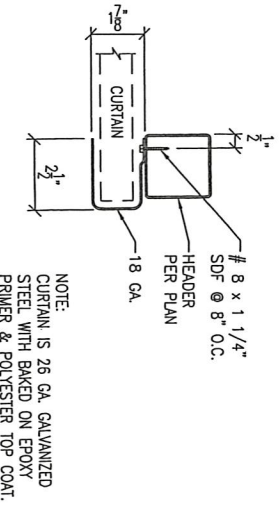
HIGH WIND RATING

U1319-001-111

S6 REV 0



SECTION THROUGH ROLL UP DOOR HEADER



SECTION

NTS



OCT 0 3 2016

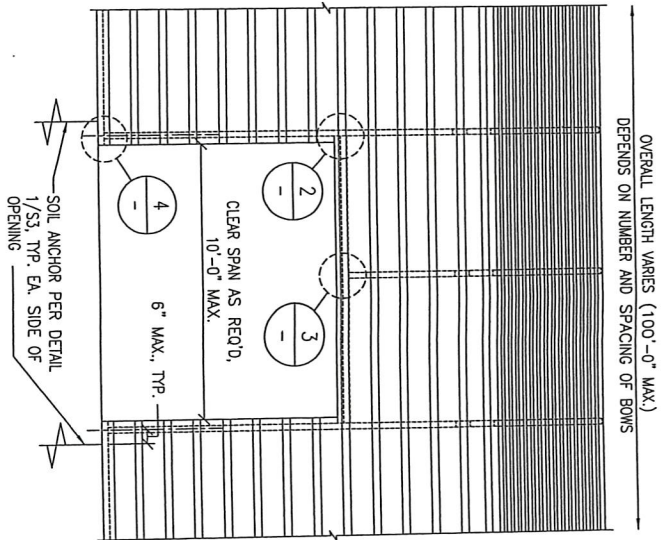
DETAILS

**STANDARD CARPORT
WITH OPTIONS**

HIGH WIND RATING

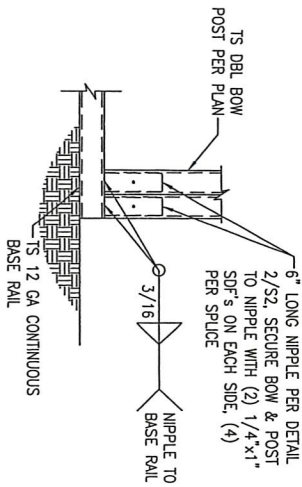
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S7
REV 0



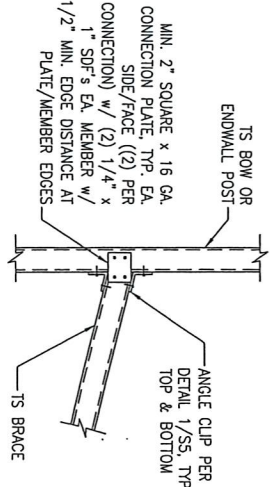
SIDE OPENING

1



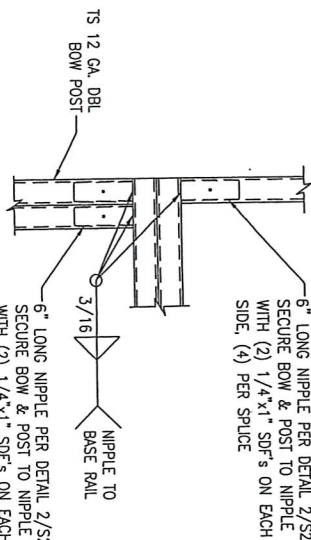
BOW/HEADER DETAIL

3



BOW/BASE RAIL CONN. DETAIL

4



BRACE CONNECTION DETAIL

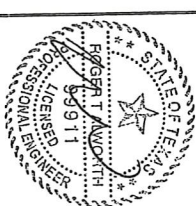
5

BOW/POST DETAIL

2

DATE	DESCRIPTION

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 16389 FANCY GAP HIGHWAY
 CANA, VA 24317
 1-800-579-8589



OCT 03 2016

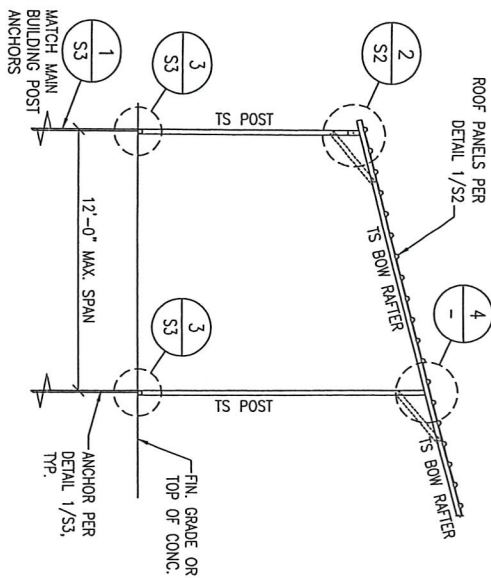
DETAILS

STANDARD CARPORT WITH OPTIONS

HIGH WIND RATING

U1319-001-111

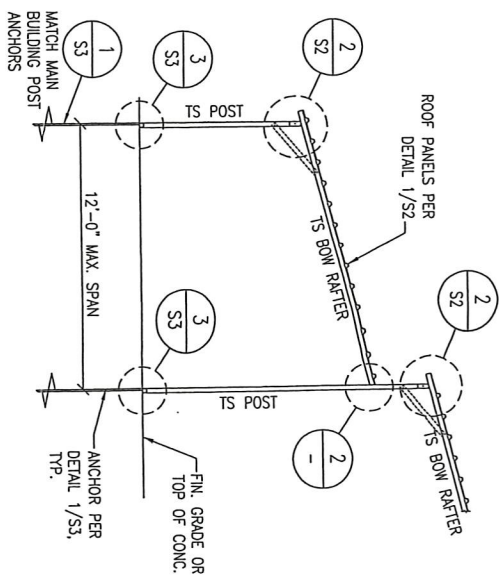
S8 REV 0



IN-LINE EXTENSION SECTION

NTS

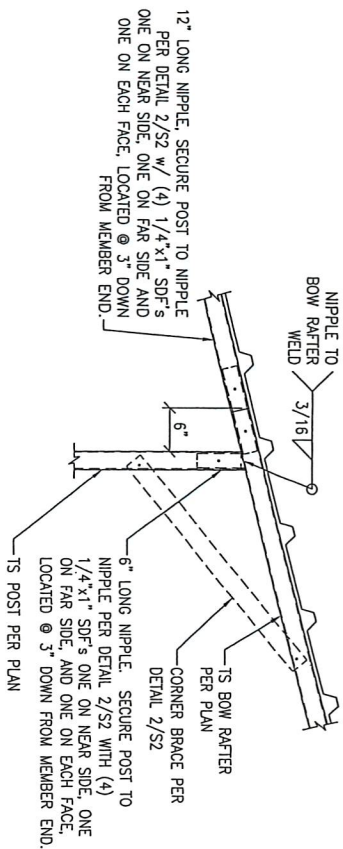
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STEP-DOWN EXTENSION SECTION

NTS

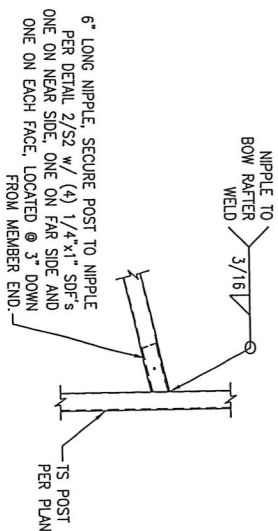
1



IN-LINE CONNECTION DETAIL

NTS

4



STEP-DOWN CONNECTION DETAIL

NTS

2

OVERALL LENGTH VARIES (SEE DETAIL 1/51)

SIMPSON CS16 GALVANIZED 18 GA. COIL
STRAP X-BRACING ON ROOF (BEHIND
ROOF PANELS & RIGGING CHANNELS
WHERE OCCUR), CORNER TO OPPOSITE
CORNER, FASTENED TO TOP OF EACH
BOW PATTERN WITH (2) 1/4"x1" SDF

15 14 GA. DIAGONAL
BRACE EA. END BAY,
ATTACH TO BOW
LEGS/ENDWALL POSTS
PER DETAIL 5/57,
TYP. EA. END

CORNER ANCHOR PER DETAIL
1/51 & SHEET S3, TYP.

(2) ADDITIONAL DIAGONAL BRACES PER NOTE THIS DETAIL AT CENTER BAYS AND AT 20'-0" O.C. MAX. WHERE OVERALL
LENGTH EXCEEDS 20'-0" FOR BUILDING WITH ENCLOSED END (FRONT AND REAR) WALLS AND AT 30'-0" O.C. MAX.
WHERE OVERALL LENGTH EXCEEDS 30'-0" FOR BUILDING WITH OPEN END (FRONT AND REAR) WALLS

ANCHOR PER SHEET S3, TYP.
WITHIN 6' OF BOW AT EA. SIDE
OF EA. BRACED BAY

SIDE ELEVATION - 131 TO 150 MPH WIND

1

N.T.S.

FRONT WALL SECTION - 131 TO 150 MPH WIND

N.T.S.

3

REAR WALL SECTION - 131 TO 150 MPH WIND

N.T.S.

2

U1319-001-111
S9 REV 0

ROOF/WALL BRACING DETAILS

**STANDARD CARPORT
WITH OPTIONS**

HIGH WIND RATING

OCT 0 3 2013



DESIGNED EXCLUSIVELY FOR
EAGLE CARPORTS
16388 PAINOT GAP HIGHWAY
CANVA, VA 24317
1-800-579-4589

DATE	REVISIONS	DESCRIPTION
DATE: 11-14-2015	DESIGNED BY: JAW	DESIGNED BY: JAW

VECTOR
ENGINEERS
9181 S. State St., Suite 101
Birmingham, AL 35206
205-988-1173
www.vectoreng.com

CITY OF DEER PARK

Variance



LN- 002208 -2016

PERMIT #: LN- 002208 -2016

ISSUED DATE: October 14, 2016

PROJECT:

EXPIRATION DATE : October 16, 2017

PROJECT ADDRESS: 3517 LUELLA AVE

OWNER NAME: William Knott

CONTRACTOR:

ADDRESS: 3517 Luella Av

ADDRESS:

CITY: Deer Park

CITY:

STATE : TX

STATE :

ZIP: 77536

ZIP:

PHONE:

PROJECT DETAILS

PROPOSED USE:	SQ FT:	0
DESCRIPTION: Requesting Variance For Height Of 1 Ft. 3 Inches	VALUATION :	\$ 0.00

PERMIT FEES

TOTAL FEES :	\$ 150.00	PAID: \$ 150.00	BALANCE: \$ 0.00
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ALL PERMITS MUST BE POSTED ON THE JOBSITE AND VISIBLE FROM THE STREET

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 6 MONTHS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 1 YEAR AT ANY TIME AFTER WORK IS STARTED. ALL PERMITS ARE SUBJECT TO THE FOLLOWING :

- ALL WORK MUST COMPLY WITH THE BUILDING, ELECTRICAL, PLUMBING, AND MECHANICAL CODES ADOPTED BY THE CITY OF DEER PARK AT THE TIME THE PERMIT IS ISSUED .
- IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO COMPLY WITH ALL STATE & FEDERAL DISABILITY REQUIREMENTS .
- ENCROACHMENTS OF EASEMENTS AND RIGHT-OF-WAYS ARE NOT ALLOWED .

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS DOCUMENT AND KNOW THE SAME TO BE TRUE AND CORRECT . ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT . GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISION OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION .

SIGNATURE OF CONTRACTOR OR AUTHORIZED AGENT

DATE

APPROVED BY

DATE

TO SCHEDULE NEXT DAY INSPECTIONS CALL BY 4PM 281-478-7270
ALL REINSPECTIONS ARE SUBJECT TO A \$45.00 REINSPECTION FEE

You can request a morning or afternoon inspection and we will do our best to accommodate you but there are no guarantees, it will depend on the volume of inspections scheduled that day .

710 E San Augustine Deer Park, TX 77536 Fax 281-478-0394
www.deerparktx.gov/publicworks