PROPOSED LEGEND

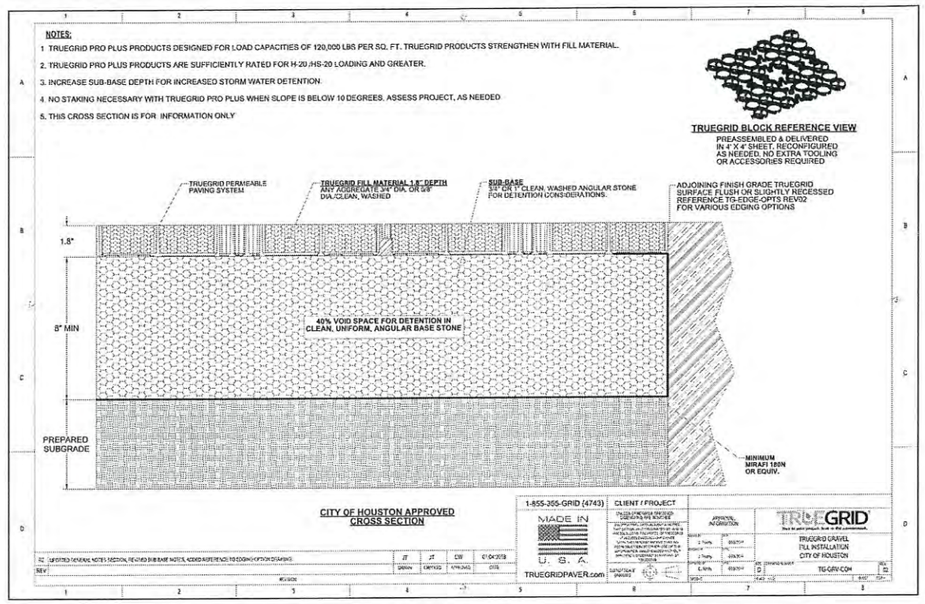
PROP. MANHOLE	TP 73.17	PROP. TOP OF PAVEMENT ELEVATION	GRADE BREAK	PROP. GRADE BREAK	EXIST. ASPHALT
EXIST. MANHOLE	TC 73.17	PROP. TOP OF CURB ELEVATION		PROP. STORM SEWER LINE	EXIST. BUILDING
PROP. STM. SWR. JUNCTION BOX	FF 73.17	PROP. FINISHED FLOOR ELEVATION		EXIST. STORM SEWER LINE	PROP. BUILDING
EXIST. INLET	TR 73.17	PROP. TOP OF RIM ELEVATION		PROP. WATER LINE	PROP. SIDEWALK
A1 / 1.23 ac. / 1.23 ac. / 1.23 cfs — DRAINAGE AREA, ACREAGE, CUMULATIVE ACREAGE, CUMULATIVE DISCHARGE	FL 73.17	PROP. FLOWLINE ELEVATION		EXIST. WATER LINE	PROP. 6" 3,000 PSI REIN. CONC. PAVING W/ #5 REBAR @ 18" C-C & 8" LIME STABILIZATION
PROP. 2 YR. FLOW PATTERN	IPB	PROP. INLET PROTECTION BARRIER		PROP. SANITARY SEWER LINE	EXIST. DEVELOPED AREA
PROP. 100 YR. FLOW PATTERN	IPB-II	PROP. INLET PROTECTION BARRIER STAGE-II		EXIST. SANITARY SEWER LINE	
FG 73.17 PROP. FINISHED GRADE	SCE	PROP. STABILIZED CONSTRUCTION ENTRANCE		PROP. BERM	
TG 73.17 PROP. TOP OF GRATE INLET	CTW	PROP. CONCRETE TRUCK WASHOUT		PROP. CENTERLINE DITCH	
TW 73.17 PROP. TOP OF WALK	FF	PROP. FILTER FABRIC FENCE		PROP. TOP OF BANK	
				PROP. DRAINAGE AREA BOUNDARY	

EASEMENT NOTE

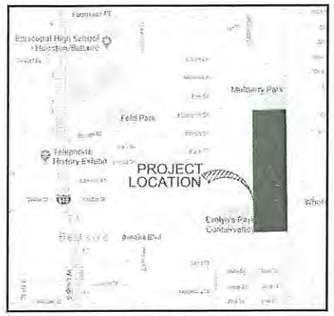
PROPOSED PARKING LOT TO BE LOCATED WITHIN 130' HL&P EASEMENT. CENTERPOINT APPROVAL REQUIRED FOR RELOCATION OF ANY EXISTING OVERHEAD UTILITIES WITHIN EASEMENT.

DETENTION NOTE

NO ADDITIONAL IMPERVIOUS COVER IS PROPOSED. THEREFORE, NO DETENTION WILL BE REQUIRED OR PROPOSED.



CITY OF BELLAIRE
RECEIVED
JAN 06 2019
DEVELOPMENT SERVICES



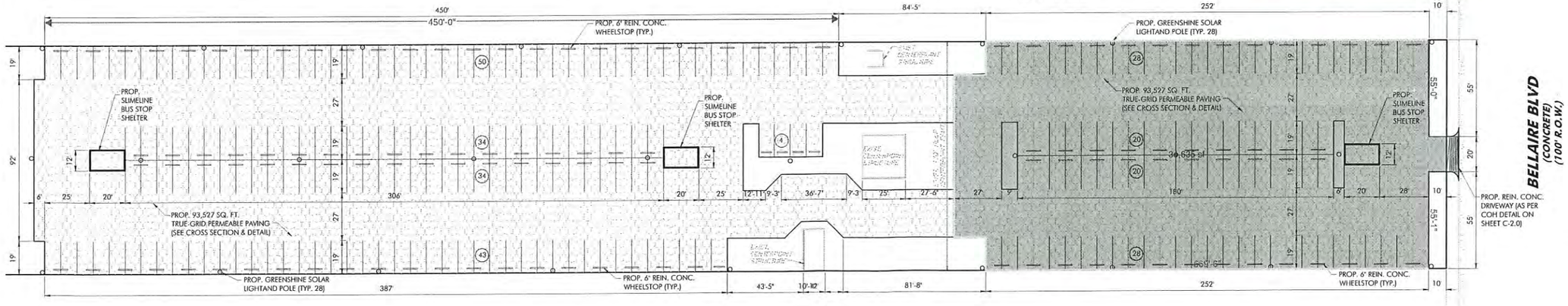
NORTH VICINITY MAP

ATR ENGINEERING
CIVIL ENGINEERING/LAND DEVELOPMENT
16000 KENSINGTON DR. STE 222
HOUSTON, TX 77094
281-600-0404 office | 281-600-0406 fax
FIRM # 2353

STATE OF TEXAS
DANIEL M. QUARLES
129602
LICENSED PROFESSIONAL ENGINEER
7-3-19

Plan Markup
ProjectSOLUTIONS
07/14/2019 3:15:37 PM
Palace Lanes

APPROVED
William Davidson
BUILDING OFFICIAL
CITY OF BELLAIRE
DATE: 2/24/20



NORTH SITE PLAN
SCALE: 1" = 30'-0"

BELLAIRE PARKING LOT

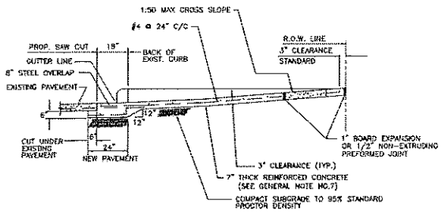
BELLAIRE BLVD.
BELLAIRE, TX 77401

DESCRIPTION	DATE

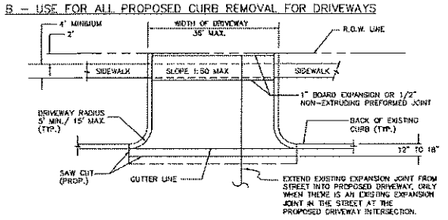
SCALE 1" = 30'
PROJECT NO.
SHEET TITLE: SITE PLAN
SHEET NO C-1.0
DATE: JULY 2, 2019

EN A COMMERCIAL DRIVEWAY OR CURB & GUTTER IS CONSTRUCTED, RECONSTRUCTED, REPAIRED OR REGRADED ON COUNTY RIGHT OF WAY USE THE FOLLOWING:

A – USE FOR ALL PROPOSED DRIVES ON CURBED TYPE STREETS:



B – USE FOR ALL PROPOSED CURB REMOVAL FOR DRIVEWAYS

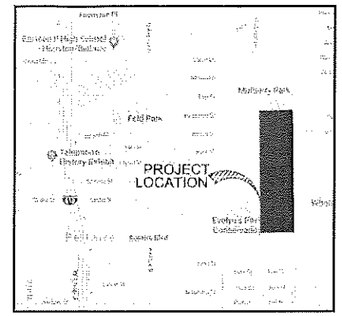


DRIVEWAY ON CURBED CONCRETE OR ASPHALT STREETS	APPROVED BY: J.R. BLOUNT	DRAWN BY: CASTANEDA, C.
COMMERCIAL AREA	DATE: 15 NOV 2005	DRAWING No. DW--1

GENERAL NOTES:

1. PROPOSED DRIVEWAY, SIDEWALK, CURB, GUTTER LINE AND GRADE SHALL MATCH EXISTING STREET.
2. PROPOSED SIDEWALK SHALL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE, 4–1/2 SACK CEMENT PER CUBIC YARD, 4–1/2 INCHES THICK AND 4 FEET MINIMUM WIDTH. SEE DRAWING NO.3 FOR ADDITIONAL INFORMATION AND DETAILS.
3. PROPOSED DRIVEWAY SHALL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE, 5 SACK CEMENT PER CUBIC YARD, 7 INCHES THICK, FROM PROPOSED SAW CUT TO RIGHT–OF–WAY LINE (PROPERTY LINE).
4. PROPOSED DRIVEWAY REINFORCING STEEL IS TO BE #4 DEFORMED SPACED AT 24 INCHES C.C., EACH WAY, WITH 10 INCHES MINIMUM LAP (6"x12" WSxW4 AS ALTERNATE) FROM PROPOSED SAW CUT TO RIGHT–OF–WAY LINE.
5. PROPOSED DRIVEWAY REINFORCING STEEL IS TO BE TIED TO EXISTING ROADWAY REINFORCING STEEL WITH A MINIMUM LAP OF 8 INCHES.
6. PROPOSED GUTTER LINE IS TO BE MAINTAINED AT FACE OF EXISTING CURB.
7. SAW CUT EXISTING CURB AT EACH END AND KNOCK OUT CURB FROM BEGINNING TO END OF PROPOSED DRIVEWAY.
8. SAW CUT EXISTING PAVEMENT A MINIMUM OF 12 INCHES AWAY FROM FACE OF CURB (GUTTER LINE) AND BREAK OUT TO EXPOSE EXISTING REINFORCEMENT STEEL.
9. COMPACT SUBGRADE FOR PROPOSED DRIVEWAY CONNECTION FROM PROPOSED SAW CUT AT EXISTING PAVEMENT TO RIGHT–OF–WAY LINE, COMPACT TO 95% OF STANDARD PROCTOR DENSITY (+/– 2% OPT. MOISTURE). THE COUNTY ENGINEER RESERVES THE RIGHT TO REQUIRE LABORATORY TESTS TO BE CONDUCTED.
10. IF MORE THAN ONE PROPOSED DRIVEWAY IS BUILT ON THE SAME PROPERTY, SAID DRIVEWAYS SHALL BE SEPARATED BY A MINIMUM DISTANCE OF 20 FEET (ROADWAYS WITH CURBS AND SIDEWALKS).
11. REINFORCING STEEL TO BE ELEVATED A MINIMUM OF 3" ABOVE SUBGRADE. (3 INCHES MANUFACTURED CHAIRS ARE REQUIRED WITH MAXIMUM SPACING OF 72 INCHES C/C EACH WAY).

CONSTRUCTION NOTES FOR SIDEWALKS & DRIVEWAYS ON CURBED TYPE STREETS,	APPROVED BY:	DRAWN BY:
COMMERCIAL AREA	DATE:	DRAWING No. DW--4



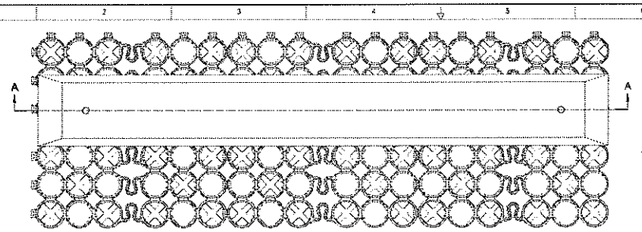
NORTH VICINITY MAP

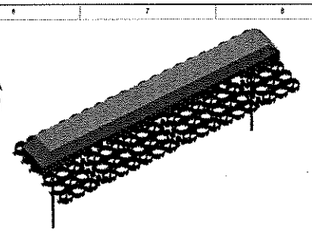
ATR ENGINEERING
281-600-0404 office | 281-600-0406 fax
TBPE # 14355

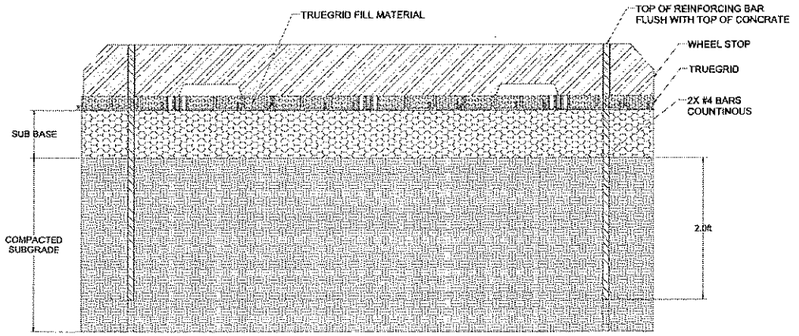
BELLAIRE PARKING LOT

BELLAIRE BLVD.
BELLAIRE, TX 77401

NOTES:







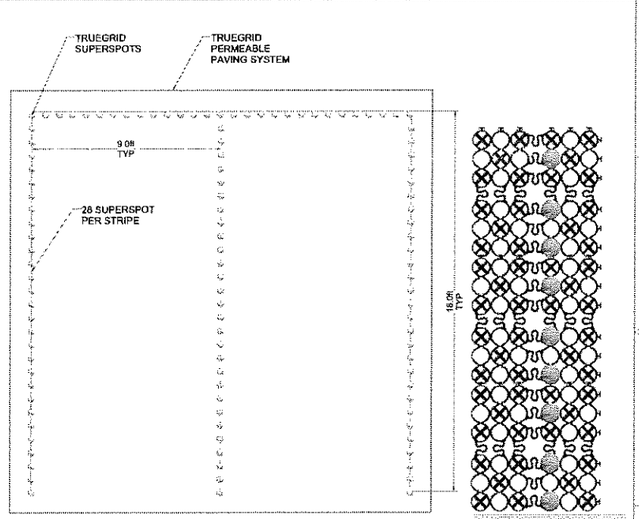
SECTION A-A

Texas Eco Pavers
www.TexasEcoPavers.com

CLIENT / PROJECT	APPROVAL INFORMATION	TRUEGRID
		TRUEGRID WHEEL STOP INSTALLATION DRAWING
		TG-WS-INS

NOTES:

1. LINE UP TAB AND SLOT. PUSH IN TO LOCK IN SUPERSPOT.
2. SUPESPOT PATTERN AND SPACING OPTIONS ARE UNLIMITED AND CAN BE RECONFIGURED AS PREFERRED.
3. SUPERSPOTS CAN BE USE IN MALE TO FEMALE CONNECTION POINT CELLS IF YOU SLIGHTLY MODIFY THE SUPERSPOT.
4. SUPERSPOTS ARE TYPICALLY INSTALLED BEFORE FINAL TRUEGRID PAVER FILL.



90° STALL OPTION

Texas Eco Pavers
www.TexasEcoPavers.com

CLIENT / PROJECT	APPROVAL INFORMATION	TRUEGRID
		TRUEGRID PROPLUS SUPERSPOT 90 DEG PAVING SPOT
		TG-PP-SS-90-DS

DESCRIPTION	DATE

SCALE N.T.S.

PROJECT NO.

SHEET TITLE GENERAL DETAILS

SHEET NO C-2.0

DATE: JUNE 8, 2019