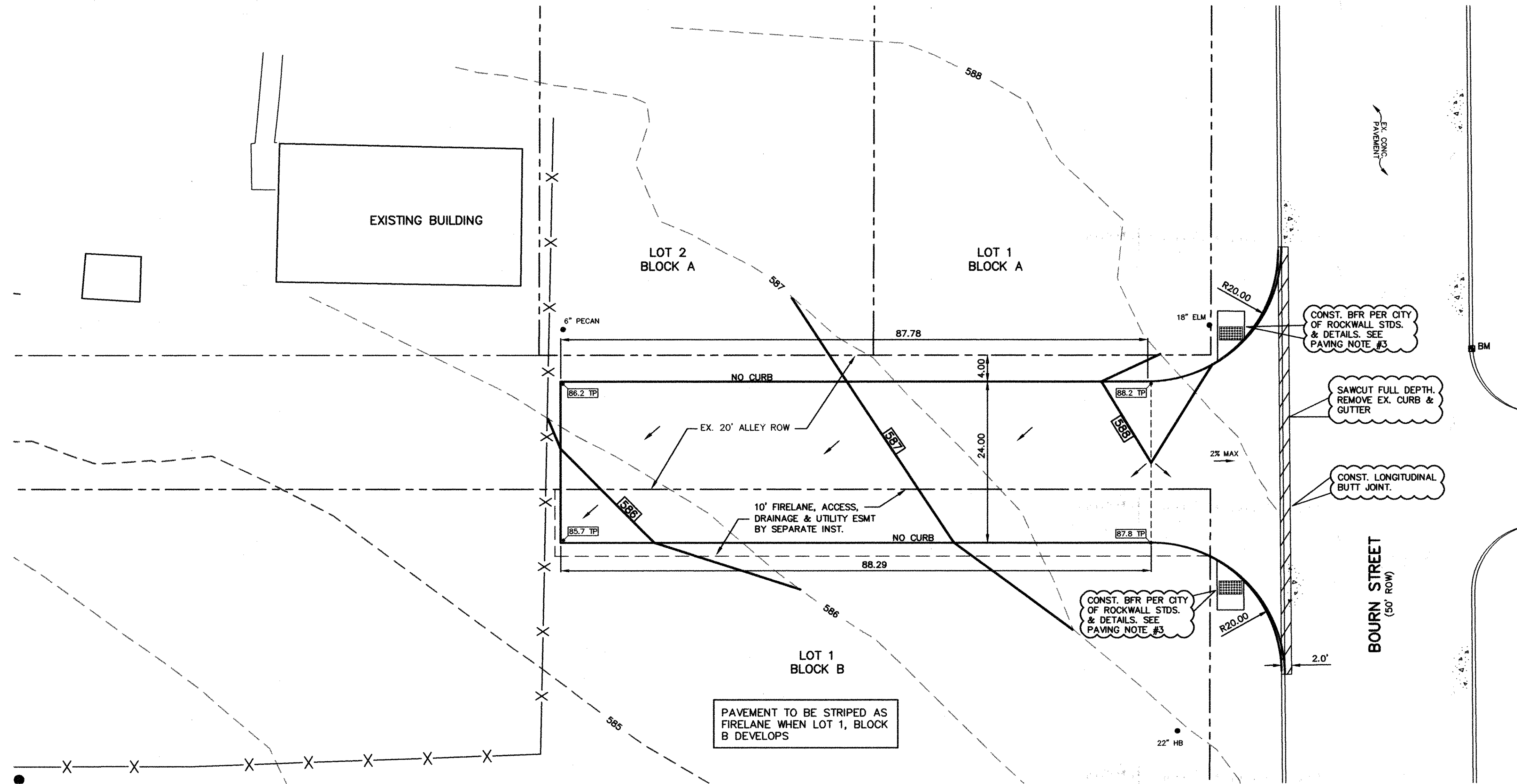


CAUTION:
CONTRACTOR TO VERIFY
LOCATION OF UTILITIES
BEFORE DIGGING.
CALL: 800-344-8377



GRADING GENERAL NOTES

- All work shall be in accordance with these plans, City of Rockwall Standards and NCTCOG 3rd Edition.
- All proposed contours are approximate. Proposed spot elevations and designated gradient are to be used in the event of any discrepancies.
- The General Contractor and all subcontractors shall verify the suitability of all existing and proposed site conditions including grades and dimensions before commencement of any construction. In the event of any conflict and prior to commencement of any construction, immediately notify Engineer. Minor adjustments of finished grade to accomplish spot drainage are acceptable.
- All spot elevations are top of pavement or gutter. To obtain top of curb elevation, add 0.5 feet, unless otherwise noted.
- Ground shall be scarified prior to placing any fill.
- Fill shall be placed in accordance with the geotechnical investigation and soils report recommendations and in compliance with City of Rockwall Ordinances.
- It is the responsibility of the Contractor to locate and/or establish a benchmark prior to construction and maintain the benchmark during construction.
- The locations of all utilities indicated on the plans are taken from available public records. The exact location and depth of all utilities indicated must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
- All fill shall be compacted with sheepfoot roller to a density of 95% std. proctor.
- Any areas disturbed in City right-of-way shall be sodded.
- No part of the wall (footings, tie back, etc.) shall be in a firelane, easement, right-of-way, or off-site.

PAVING GENERAL NOTES

- Paving shall be as noted on the plans and as described below. The general guidelines for grading handicap pavement areas shall be no slope greater than 1:50 in the parking lot spaces. Sidewalks and pedestrian crosswalks shall have no longitudinal slope greater than 1:20 and no cross slope greater than 1:50.
- Construction of the alley pavement shall be:
8 inches portland cement concrete conforming to TxDOT Item 360 and have a minimum 28 day compressive strength of 3600 psi (Class C). Reinforce the concrete with #3, grade 60 ribbed steel bars on 18 inches center each way. Maximum aggregate size is 1.5 inches. Concrete shall be 6 sack mix for machine finish and 6 1/2 sack mix for hand finish. No sand under paving.
- Barrier free ramp pavement shall be 4 inch 3000 psi concrete reinforced with #3 rebar spaced on 24 inches center each way.
- Sawed joints shall be cut into the concrete paving at 15 foot intervals. Joints are to be 1-1/2" deep. Cut joints the next day after the pour. Wash and clean pavement after sawcutting to remove all sluff mud. Chipped edges along the sawcut will not be accepted. Fill all joints with a backer rod and sealant.
- Joints should be continuous across the slab unless interrupted by full-depth preformed joint filler, and should extend completely.
- All sawed joints, construction joints and isolations joints shall be sealed completely before opening to traffic.
- Provide a preformed joint filler where concrete abuts building walls. Also wrap base of bollards with the same. Fill top of joint with sealant.

LEGEND

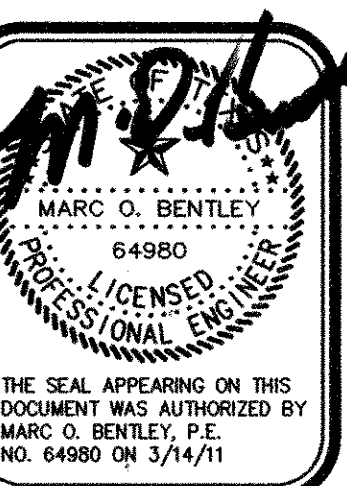
--545--	EXISTING CONTOURS
<u>545</u>	PROPOSED CONTOURS
TC 42.1	EX. SPOT ELEVATION
[42.1]	PROP. SPOT ELEVATION
→	FLOW DIRECTION
---	VALLEY
- - - - -	DRAINAGE DIVIDE
TC	TOP OF CURB
TP	TOP OF PAVEMENT
G	GUTTER
TW	TOP OF WALL
BW	BOTTOM OF WALL
F	FINISHED GRADE
FL	FLOW LINE
TH	THROAT
BFR	BARRIER FREE RAMP

BENCHMARK: TOP OF CURB ON NORTH SIDE OF BOURN STREET AT THE WEST CURB RETURN OF ALLEY.
ELEV. 588.68

RECORD DRAWING

TO THE BEST OF OUR KNOWLEDGE, BENTLEY ENGINEERING, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT. THIS INFORMATION IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.
DATE: DECEMBER 15, 2011

P.O. BOX 26
ROCKWALL, TEXAS 75087
PH: 972.771.2124
Bentley
ENGINEERING, INC.
FIRM REG. NO. F-674



DIMENSION/GRADING PLAN
ALLEY/FIRELANE IMPROVEMENTS
CITY OF ROCKWALL, TEXAS

RECORD DRAWING

No.	Date	Revision

Scale: 1"=10'
File Name: SITE
Date: MARCH 2011
Project No.: 2011100

Sheet **C1**