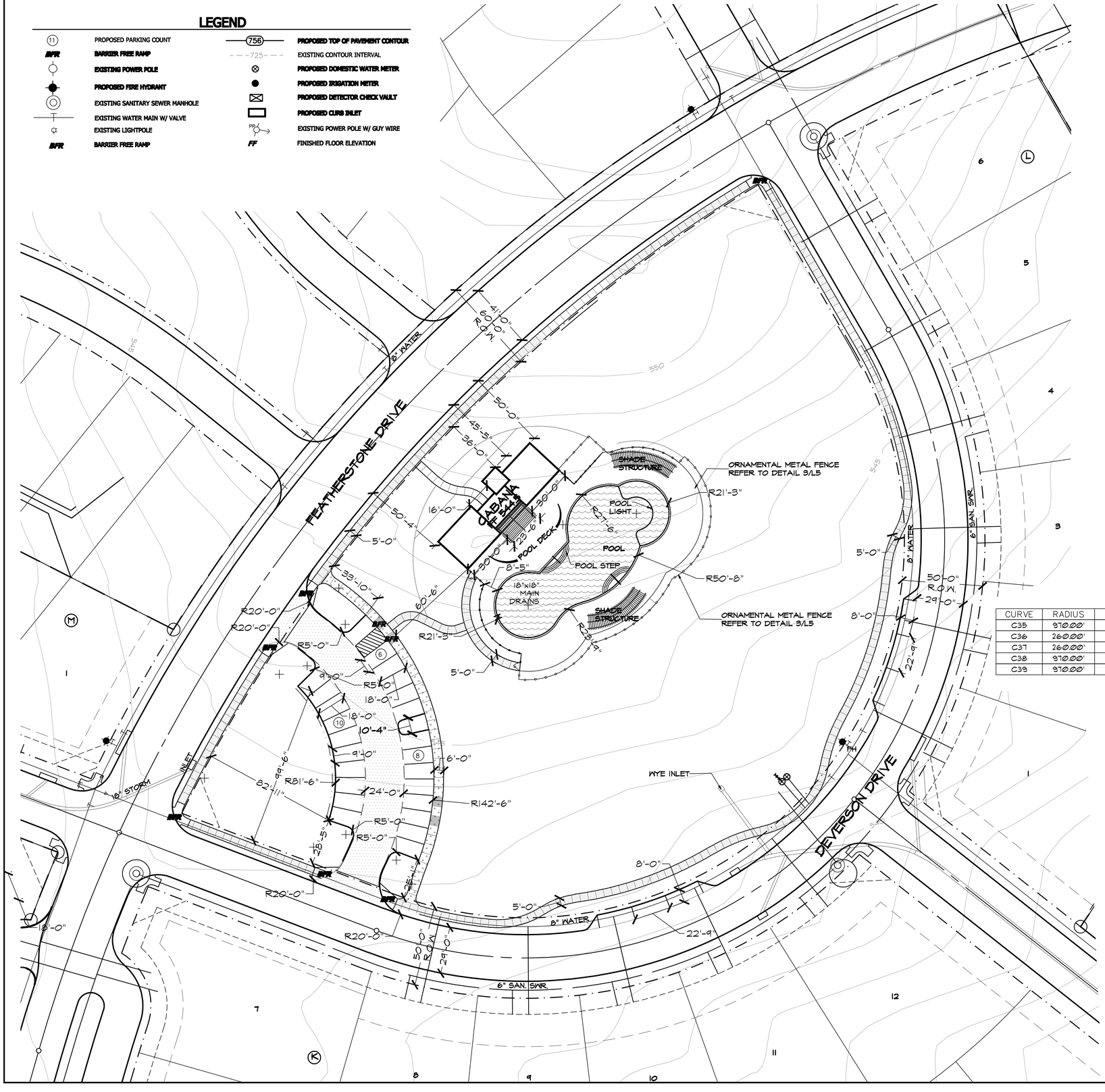
LEGEND

(11)	PROPOSED PARKING COUNT	(756)	PROPOSED TOP OF PAVEMENT CONTOUR
BFR	BARRIER FREE RAMP	725	EXISTING CONTOUR INTERVAL
	EXISTING POWER POLE	⊗	PROPOSED DOMESTIC WATER METER
	PROPOSED FIRE HYDRANT	●	PROPOSED IRRIGATION METER
	EXISTING SANITARY SEWER MANHOLE	⊠	PROPOSED DETECTOR CHECK VAULT
	EXISTING WATER MAIN W/ VALVE	▭	PROPOSED CURB INLET
	EXISTING LIGHTPOLE	PP	EXISTING POWER POLE W/ GUY WIRE
BFR	BARRIER FREE RAMP	FF	FINISHED FLOOR ELEVATION



POOL NOTES

1. THE SWIMMING POOL PLAN SHOWN IS FOR GENERAL LAYOUT OF THE POOL AREA ONLY. THE SWIMMING POOL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POOL EQUIPMENT, PIPING, GUNITE SHELL, TILE, COPING, ELECTRICAL AND JUNCTION BOXES, PERMITS AND CITY CODE ACCEPTANCE OF ALL THE LISTED ITEMS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR DESIGN AND ENGINEERING OF THE POOL STRUCTURE.
2. THE CONTRACTOR SHALL SUBMIT SHOPS DRAWINGS AS REQUIRED TO THE OWNER'S REPRESENTATIVE FOR REVIEW. THE SHOP DRAWINGS SHALL CONTAIN THE LAYOUT, SHELL DETAIL, STRUCTURAL DETAILS, SCHEMATIC PIPING DIAGRAMS AND "CUT SHEETS" FOR ALL PROPOSED POOL EQUIPMENT.
3. THE GENERAL CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ROUGH GRADING THE POOL AREA.
4. THE POOL CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING THE POOL AND SETTING FINISHED GRADE AS PER PLANS. SEE THE POOL LAYOUT PLANS FOR PROPOSED GRADING OF THE POOL AREA. THE OWNER'S REPRESENTATIVE SHALL REVIEW THE POOL LAYOUT AND PROPOSED ELEVATIONS BEFORE EXCAVATION BEGINS.
5. ALL REQUIRED UTILITIES ARE TO BE SUPPLIED BY THE GENERAL CONTRACTOR TO THE LOCATION OF THE POOL EQUIPMENT. THE CONTRACTOR SHALL VERIFY LOCATION OF THE POOL EQUIPMENT WITH THE OWNER.
6. THE GUNITE VESSEL IS TO BE GROUNDED PER CITY CODE.
7. POOL PIPING SHALL BE SCHEDULE 40 PVC. FLEXIBLE PVC WILL NOT BE ALLOWED.
8. ALL POOL DECKS SHALL HAVE A MINIMUM .5% SLOPE AWAY FROM POOL FOR DRAINAGE.
9. ALL GRADES ADJACENT TO WALKS AND POOL DECKS CONSTRUCTED BY THE POOL CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE POOL CONTRACTOR TO ACHIEVE THE CORRECT ELEVATION.
10. THE POOL SHELL SHALL BE GUNITE WITH A PLASTER FINISH-COLOR TO BE SELECTED BY OWNER.
11. POOL SHELL: (AS A MINIMUM) (CONTRACTOR TO PROVIDE STRUCTURAL ENGINEERED SHOP DRAWINGS)
    - 11.1. STEEL-
      - 11.1.1. FLOOR AND WALLS TO HAVE A GRID OF #4 REAR @ 10" EACH WAY.
      - 11.1.2. BOND BEAM TO HAVE FOUR CONTINUOUS #4 BARS.
      - 11.1.3. ALL STEEL
      - 11.1.4. BAR ENDS TO OVERLAP ATTACHED EXTENSION BARS A MINIMUM OF FORTY TIMES THEIR DIAMETER. NO HORIZONTAL OVERLAPS SHALL OCCUR AT THE CORNERS OF THE BOND BEAM.
      - 11.1.5. ALL STEEL SHALL BE BLOCKED OUT 2" FROM EXCAVATION SOIL.
    - 11.2. CONCRETE-
      - 11.2.1. FLOOR AND WALLS TO BE A MINIMUM 8" THICK AT ANY LOCATION.
      - 11.2.2. BOND BEAM TO BE A MINIMUM OF 12" THICK AT THE TOP AND 12" DEEP AT BACK AND TAPERED 45° TO THE BACK OF THE POOL WALL.
      - 11.2.3. THE SHELL IS TO HAVE AIR-PLACED CONCRETE WITH A MINIMUM OF 7 SACKS OF CEMENT PER CUBIC YARD WITH 3/8" ROCK AGGREGATE. MINIMUM CONCRETE STRENGTH TO BE 3200 PSI. MAXIMUM CONCRETE SLUMP SHALL BE 4".
12. THE POOL DEPTH IS TO BE 3'-0" AT THE STEPS AND 4'-6" AT THE MAIN DRAIN AS MEASURED FROM THE WATER LINE.
13. PROVIDE 4" STANDARD DEPTH MARKER INSERTS FOR POOL WALLS AND AT EDGE OF DECK.
14. THE POOL DIMENSIONS SHOWN ARE TO THE INSIDE OF THE POOL WALL BEFORE PLASTER.
15. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN WITH THE PLAN AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THEM BY THIS WORK.
16. POOL DECK SURFACE AND BANDING TO BE DETERMINED BY OWNER PRIOR TO CONSTRUCTION.
17. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CITY AND STATE HEALTH CODES AND REQUIREMENTS FOR SWIMMING POOLS, WHETHER OR NOT THEY ARE ADDRESSED ON THE PLANS.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED POOL EQUIPMENT, I.E. PUMPS, SKIMMERS, RETURNS, FILTERS AND TO COMPLY WITH ALL STATE AND LOCAL CODES.

*NOTE:
TO THE BEST OF OUR KNOWLEDGE STUDIO 13 DESIGN GROUP, HEREBY STATES THAT THIS PLAN IS AS-BUILT. THIS INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C35	910.00'	144.49'	144.36'	N20°13'51"E	08°32'05"
C36	260.00'	329.09'	307.36'	N74°36'49"E	72°31'14"
C37	260.00'	310.39'	292.28'	N04°29'12"E	68°24'01"
C38	910.00'	607.16'	595.29'	N42°25'48"E	35°51'48"
C39	910.00'	160.83'	160.65'	N65°06'42"E	09°30'01"

LEGEND

- 6" REINFORCED CONCRETE AT 3600 PSI CONCRETE WITH LIME STABALIZED SOILS OR 8" REINFORCED CONCRETE AT 3600 PSI WITH NO LIME STABALIZATION
- 6'-0" WIDE CONCRETE SIDEWALK AT 3000 PSI WITH INITIAL AMENITY CENTER CONSTRUCTION
- 5'-0" WIDE CONCRETE SIDEWALK AT 3000 PSI WITH INITIAL AMENITY CENTER CONSTRUCTION

30 15 0 30 60
1" = 30' - 0"

RECORD DRAWING
LEONARD L. REEVES RLA #1977

STUDIO 13 DESIGN GROUP
Studio 13 Design Group, PLLC.
1740 Midway Rd.
Lewisville, Texas 75056
469-635-1900

#	PLAN REVIEW REVISIONS	BY	DATE
1	PER CITY COMMENTS	GEB	02/04/2009

#	CONSTRUCTION REVISIONS	BY	DATE
1	ISSUED FOR CONSTRUCTION	LWR	03/04/2009

AMENITY CENTER PLAN
LAYOUT PLAN & PAVING PLAN
STONECREEK
City of Rockwall, Rockwall County, Texas

PROJECT SKO005
SHEET L1