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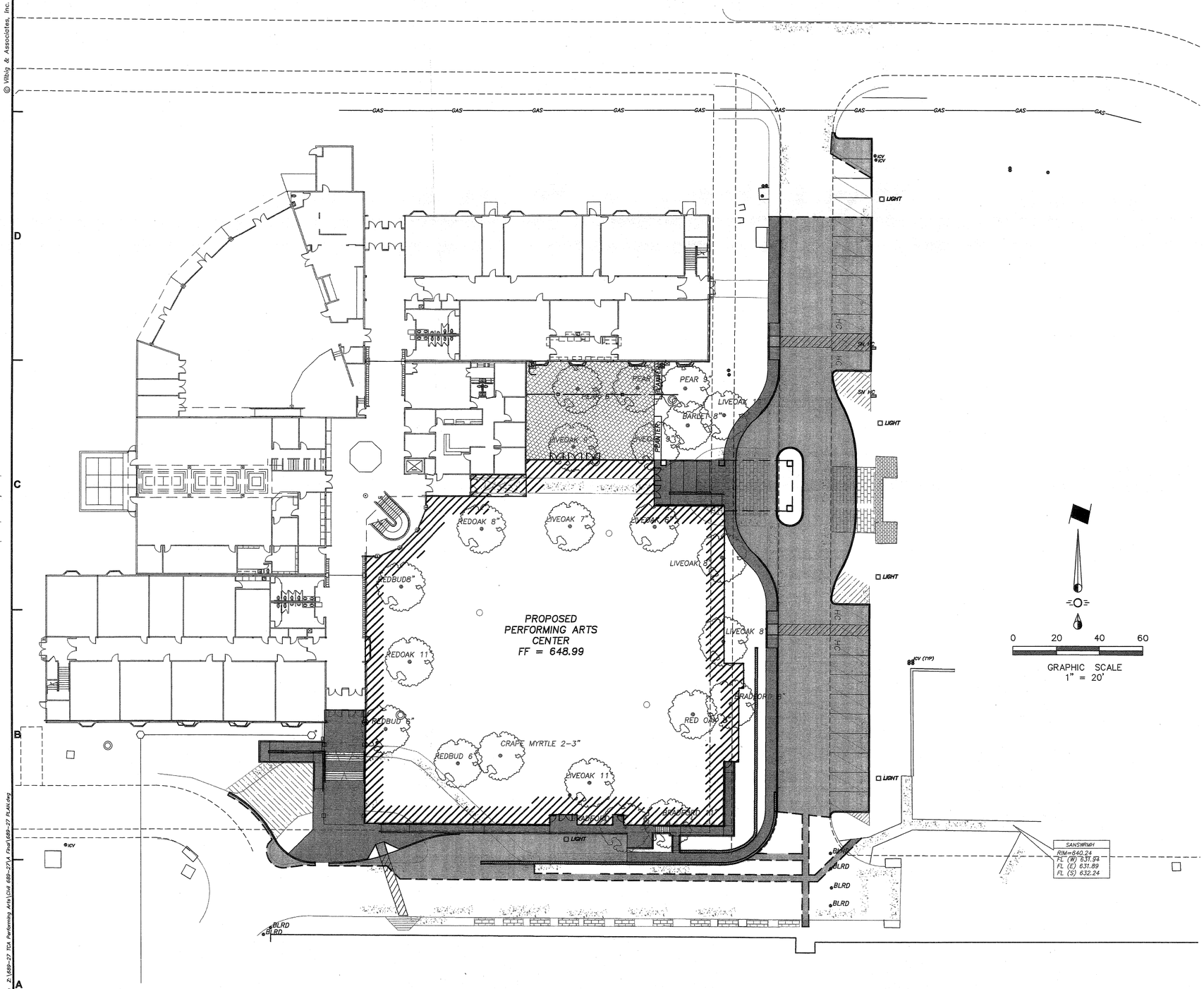

PAVING NOTES

1. Final paving, curb and sidewalk elevations will be placed at ±0.03 foot. Paved areas shall have sawcut joints per details at spacing of 12.5' (12"–6") maximum and 10.0' minimum. Contractor is responsible for providing sawcut joint plan.

2. All reinforced concrete paving shall be placed in accordance with Item 360, 1993 Standard Specifications for Construction of Highways, Streets and Bridges, Texas Department of Transportation. The concrete specifications are as follows:

   Vehicle Areas: Class "P", 555 psi Flexural Strength at 7 days or Class "S", 3,500 psi Flexural Strength at 28 days per TxDOT Item 421
   Sidewalks, Curb Ramps & Other: Class "A", 3,500 psi Comp. Strength at 28 days per TxDOT Item 421

3. Paving thickness shall be as follows:

   Concrete Thickness "T":
   Fire lanes & driveways – T=6"
   Parking areas – T=5"

4. All curbs shall be integral curbs.

5. Subgrade shall consist of onsite soils compacted per Note #18, Sheet C1.0 and/or the geotechnical report.

6. Refer to City landscape specifications for seeding and sodding requirements.

7. Subgrade is to be proof–rolled prior to placement of pavement.

8. Contractor to remove and dispose of any and all material that is deemed unsuitable for base material by the Engineer.

9. Match existing curbs at ends of new curbs (where applicable).

10. All dimensions on this plan are to back of curb unless noted. Units of length are feet unless otherwise marked as inches (") centimeters (cm), meters (m) or yards (yd).

11. Developer is responsible for specifying concrete paver color, shape, and layout pattern. Pavers shall be installed per manufacturer's recommendations.

12. Top of paver elevations will be placed within ±0.13 foot (±⅛") of grades specified in plans and elevations of adjacent pavers. Top of pavers next to existing or proposed concrete or asphalt pavement shall be placed 0.13 foot (⅛") to 0.25 foot (¼") above adjacent pavement grade.

13. Pavers shall be 60mm (2⅜") minimum thickness, and shall meet the following requirements set forth in ASTM C 936, Standard Specification for Interlocking Concrete Paving Units:

a) Average compressive strength of 8,000 psi (55 MPa) with no individual unit under 7,200 psi (50 MPa).

b) Average absorption of 5% with no unit greater than 7% when tested in accordance with ASTM C 140.

c) Resistance to 50 freeze–thaw cycles when tested in accordance with ASTM C 67.

d) Pigment in concrete pavers shall conform to ASTM C 979.

14. Paver bedding sand shall conform to ASTM C 33. Bedding sand shall be screeded and compacted with a vibratory compactor per paver manufacturer's recommendations.

15. Paver jointing sand shall conform to ASTM C 144. Jointing sand shall be swept into the joints and compacted with a vibratory compactor per paver manufacturer's recommendations.

16. Refer to Sheet C1.0 for other general notes applicable to paving.

PAVING LEGEND

- C — CONSTRUCTION JOINT
- L — LONGITUDINAL CONTRACTION JOINT
- T — TRANSVERSE CONTRACTION JOINT
- L / T — TIED CONTRACTION JOINTS (REFER 04/C6.0)
- C / T — DOWELED JOINTS (REFER 08/C6.0)
- PROPOSED CONCRETE PAVEMENT
- AREAS REINFORCED WITH #3 BARS @ 18" OCEW (REFER 10/C6.0)
- PROPOSED CONCRETE SIDEWALKS
- EXISTING PAVEMENT TO BE REMOVED
- EXISTING CONCRETE PAVERS
- PROPOSED CONCRETE PAVERS

PROGRESS PLOTS
FOR INTERIM DESIGN REVIEW ONLY
NOT FOR CONSTRUCTION
DATE: 04/28/06

DRAWING PREPARED BY:

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Rev	Date	Description

Original Issue Date: April 28, 2006
Engineer: David A. Vilbig, P.E.
Project Manager: Chris Walton, P.E.
Drafter(s): CWW

TRINITY CHRISTIAN ACADEMY NEW PERFORMING ARTS BLDG.

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PAVING PLAN

Project : AS-081

C4.0

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