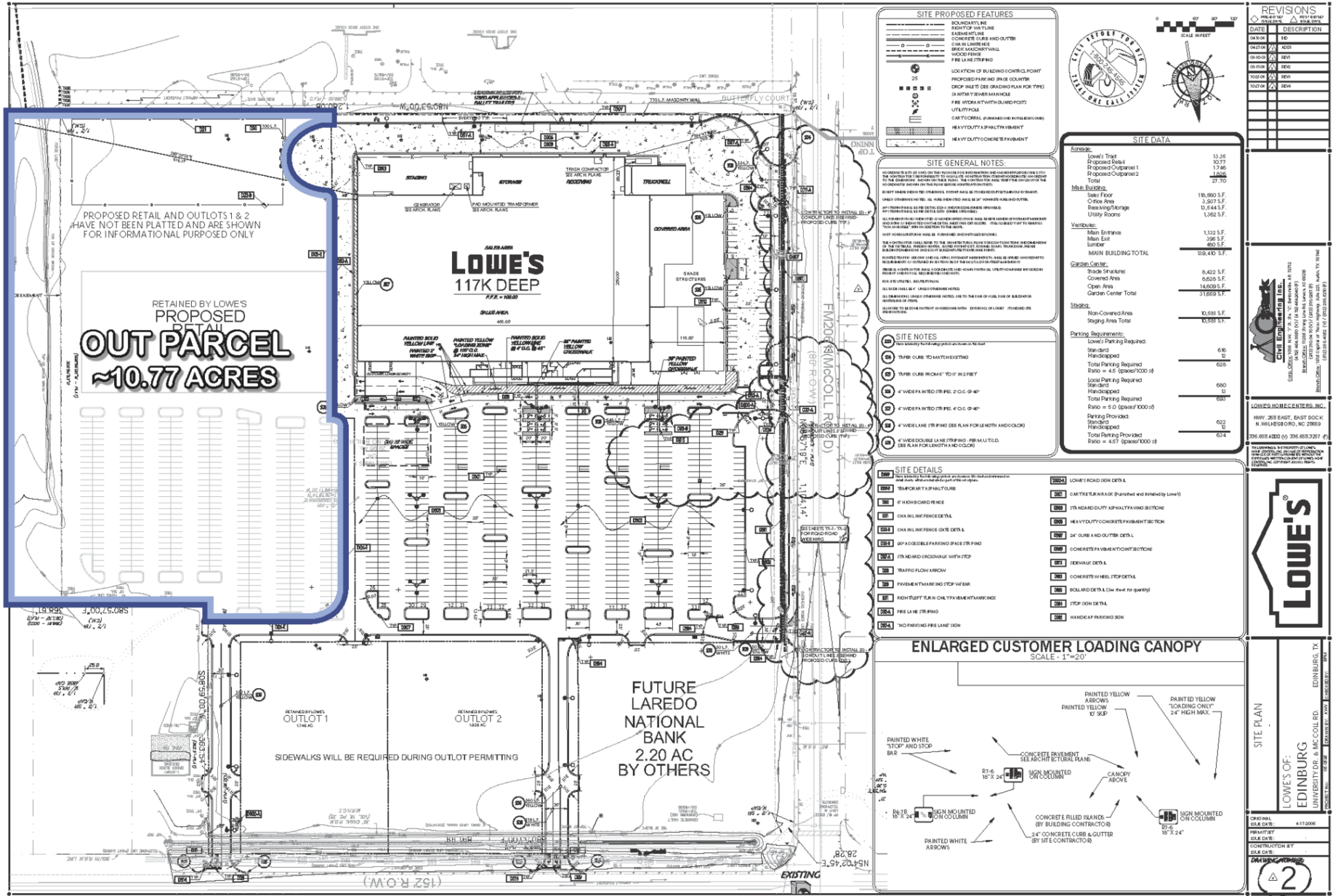

SITE PROPOSED FEATURES

- BOUNDARY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- CONCRETE CURB & GUTTER
- CHAIN LINK FENCE
- BRICK MASONRY WALL
- WOOD FENCE
- FIRE LANE STRIPING
- LOCATION OF BUILDING CONTROL POINT
- 25 — PROPOSED PARKING SPACE COUNTER
- DROP INLET (SEE GRADING PLAN FOR TYPE)
- SANITARY SEWER MAN HOLE
- FIRE HYDRANT WITH GUARD POSTS
- UTILITY POLE
- CART CORRAL (FURNISHED AND INSTALLED BY LOWE)
- HEAVY DUTY ASPHALT PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT

CALL BEFORE YOU DIG TEXAS ONE CALL SYSTEM 1-800-245-4545

SCALE IN FEET: 0, 60', 90', 120'

SITE GENERAL NOTES:

ACCORDING TO LOTS OF LAND ON THIS PLAN IS FOR INFORMATION AND ENGINEERING PURPOSES ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOT DIMENSIONS AND BEARINGS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WORK PERFORMED BEFORE SUCH VERIFICATION.

EXCEPT WHERE INDICATED OTHERWISE, PAVEMENT SHALL BE FINISHED WITH BROOM FINISH.

UNLESS OTHERWISE NOTED, ALL CURB ENDS WITH SHALL BE 24" CONCRETE HAND MIXED GUTTER.

ALL PAVEMENT SHALL BE PER DETAIL [illegible] (INDOOR CLEANING AREA ONLY).

ALL PAVEMENT SHALL BE PER DETAIL [illegible] (ENTIRE LOT).

ALL PAVEMENT SHALL BE CONSTRUCTED TO MEET OR EXCEED THE MINIMUM REQUIREMENTS SHOWN ON THESE PLANS. WHERE A RANGE OF PAVEMENT THICKNESSES IS GIVEN, THE CONTRACTOR SHALL CONSTRUCT THE THICKNESS INDICATED ON THE DETAIL SHEET THAT BEST DESCRIBES THE SOIL CONDITIONS ENCOUNTERED DURING CONSTRUCTION. IF THE SOIL CONDITIONS ENCOUNTERED DIFFER SIGNIFICANTLY FROM THOSE ASSUMED IN THE DESIGN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT APPROPRIATE ADJUSTMENTS CAN BE MADE. ANY CHANGES MADE BY THE CONTRACTOR WITHOUT PRIOR APPROVAL FROM THE ENGINEER MAY BE SUBJECT TO REJECTION AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

ALL PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT), UNLESS OTHERWISE NOTED ON THESE PLANS OR IN THE PROJECT SPECIFICATIONS.

ALL CONCRETE PAVEMENT SHALL BE REINFORCED AS SHOWN ON THE DETAILS. REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS UNLESS OTHERWISE NOTED. ALL REINFORCEMENT SHALL BE PLACED AT THE MID-DEPTH OF THE SLAB OR AS SPECIFIED IN THE DETAILS.

ALL CONCRETE PAVEMENT SHALL BE CURED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. CURING METHODS MAY INCLUDE, BUT ARE NOT LIMITED TO, WET BURLAP, CURING COMPOUNDS, OR PLASTIC SHEETING. THE CONTRACTOR SHALL ENSURE THAT THE CONCRETE IS PROTECTED FROM RAPID MOISTURE LOSS AND EXCESSIVE TEMPERATURE CHANGES DURING THE CURING PERIOD.

ALL CONCRETE PAVEMENT SHALL BE SAWCUT OR TOOLED TO CREATE CONTROL JOINTS AT THE SPACINGS AND LOCATIONS SHOWN ON THE PLANS. SAWCUTTING SHALL BE PERFORMED AS SOON AS POSSIBLE AFTER THE CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT RAVELING, BUT BEFORE UNCONTROLLED CRACKING OCCURS. THE CONTRACTOR SHALL MONITOR THE CONCRETE CLOSELY AND ADJUST THE SAWCUTTING SCHEDULE AS NECESSARY BASED ON WEATHER CONDITIONS AND CONCRETE MIX DESIGN.

ALL CONCRETE PAVEMENT SHALL BE PROTECTED FROM TRAFFIC UNTIL IT HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI, OR AS SPECIFIED IN THE PROJECT SPECIFICATIONS. TRAFFIC CONTROL DEVICES SHALL BE USED TO RESTRICT ACCESS TO NEWLY PAVED AREAS.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A SMOOTH, UNIFORM SURFACE FINISH. THE FINISH SHALL BE FREE OF DEFECTS SUCH AS CRACKS, SPALLS, OR EXCESSIVE ROUGHNESS. THE CONTRACTOR SHALL CORRECT ANY DEFECTS IN THE FINISH AT NO ADDITIONAL COST TO THE OWNER.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM SLOPE OF 1.5% TOWARD THE DRAINAGE INLETS OR SWALES, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE SLOPES DURING CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS TO ENSURE PROPER DRAINAGE.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM RADIUS OF 30 FEET AT ALL CURVES, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE RADII DURING CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS TO ENSURE PROPER ALIGNMENT AND FIT.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM WIDTH OF 24 FEET FOR TWO-WAY TRAFFIC AND 12 FEET FOR ONE-WAY TRAFFIC, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE WIDTHS DURING CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS TO ENSURE PROPER ALIGNMENT AND FIT.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM THICKNESS OF 6 INCHES FOR LIGHT-DUTY PAVEMENT AND 8 INCHES FOR HEAVY-DUTY PAVEMENT, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE THICKNESS DURING CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS TO ENSURE PROPER STRUCTURAL PERFORMANCE.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL PROVIDE CERTIFICATES OF COMPLIANCE FOR ALL CONCRETE MIXES USED ON THE PROJECT.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM AIR CONTENT OF 4% AND A MAXIMUM AIR CONTENT OF 7%, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE AIR CONTENT DURING CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS TO ENSURE PROPER DURABILITY.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM SLUMP OF 4 INCHES AND A MAXIMUM SLUMP OF 6 INCHES, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE SLUMP DURING CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS TO ENSURE PROPER WORKABILITY.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM FLEXURAL STRENGTH OF 650 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL PROVIDE CERTIFICATES OF COMPLIANCE FOR ALL CONCRETE MIXES USED ON THE PROJECT.

ALL CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A MINIMUM SLUMP RETENTION OF 2 HOURS, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE SLUMP RETENTION DURING CONSTRUCTION AND MAKE ANY NECESSARY ADJUSTMENTS TO ENSURE PROPER WORKABILITY.

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SITE NOTES

- 201 — [illegible]
- 206 — TAPER CURB TO MATCH EXISTING
- 207 — TAPER CURB FROM 6" TO 0" IN 2 FEET
- 208 — 4" WIDE PAINTED STRIPES, 2' O.C. @ 45°
- 209 — 4" WIDE PAINTED STRIPES, 4' O.C. @ 45°
- 210 — 4" WIDE LANE STRIPING (SEE PLAN FOR LENGTH AND COLOR)
- 211 — 4" WIDE DOUBLE LANE STRIPING - FIRE MUTCD. (SEE PLAN FOR LENGTH AND COLOR)

SITE DETAILS

- 5807 — [illegible]
- 5807 — TEMPORARY ASPHALT CURB
- 5810 — 6' HIGH BOARD FENCE
- 6511 — CHAIN LINK FENCE DETAIL
- 6514 — CHAIN LINK FENCE GATE DETAIL
- 6516 — 90° ACCESSIBLE PARKING SPACE STRIPING
- 7817A — 5' ADA STD CROSSWALK WITH STOP
- 7818 — TRAFFIC FLOW ARROW
- 7819 — PAVEMENT MARKING STOP WIER BAR
- 7821 — RIGHT TURN ONLY TYP. PAVEMENT MARKINGS
- 7824 — FIRE LANE STRIPING
- 7824 — "NO PARKING-FIRE LANE" SIGN
- 7860A — LOWE'S ROAD SIGN DETAIL
- 7901 — CART RETURN RACK (Furnished and Installed by Lowe's)
- 7903 — 5" ADA STD DUTY ASPHALT PAVING SECTIONS
- 7905 — HEAVY DUTY CONCRETE PAVEMENT SECTION
- 7907 — 24" CURB AND GUTTER DETAIL
- 7907 — CONCRETE PAVEMENT JOINT SECTIONS
- 7913 — SIDEWALK DETAIL
- 7913 — CONCRETE WHEEL STOP DETAIL
- 7918 — BOLLARD DETAIL (See sheet for quantity)
- 7924 — STOP SIGN DETAIL
- 7928 — HANDICAP PARKING SIGN

SITE DATA

Acreage:	
Lowe's Tract	13.26
Proposed Retail	10.77
Proposed Outparcel 1	1.746
Proposed Outparcel 2	1.928
Total	27.70
Main Building:	
Sales Floor	116,960 S.F.
Office Area	3,937 S.F.
Receiving/Storage	13,644 S.F.
Utility Rooms	1,362 S.F.
Vestibules:	
Main Entrance	1,132 S.F.
Main Exit	396 S.F.
Lumber	450 S.F.
MAIN BUILDING TOTAL	139,410 S.F.
Garden Center:	
Shade Structures	8,422 S.F.
Covered Area	8,626 S.F.
Open Area	14,609 S.F.
Garden Center Total	31,669 S.F.
Staging:	
Non-Covered Area	10,581 S.F.
Staging Area Total	10,581 S.F.
Parking Requirements:	
Lowe's Parking Required:	
Standard	616
Handicapped	12
Total Parking Required Ratio = 4.5 (spaces/1000 sf)	628
Local Parking Required	
Standard	660
Handicapped	13
Total Parking Required Ratio = 5.0 (spaces/1000 sf)	660
Parking Provided:	
Standard	622
Handicapped	12
Total Parking Provided Ratio = 4.67 (spaces/1000 sf)	634

ENLARGED CUSTOMER LOADING CANOPY

SCALE - 1"=20'

REVISIONS

DATE	DESCRIPTION
04.11.06	BID
04.27.06	ADDI
06.09.06	REVI
06.15.06	REVI
10.27.06	REVI
10.27.06	REVI

Civil Engineering Inc.
Corp. Office: 9330 N.W. "J" St., Ste. "C" Bentonville, AR 72712
(479) 464-5990 (V) (479) 464-5991 (F)
Branch Office: 1616 Capital of Texas Highway, Suite 220, Austin, TX 78746
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LOWE'S HOME CENTERS, INC.
HWY. 268 EAST, EAST DOCK
N. WILKESBORO, NC 28659
336.658.4000 (V) 336.658.3257 (F)

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LOWE'S

SITE PLAN

LOWE'S OF: EDINBURG
UNIVERSITY DR. & McCOLL RD.
EDINBURG, TX

PROJECT NO:	06-0128
DRAWN BY:	AWW
CHECKED BY:	BRM

ORIGINAL ISSUE DATE: 4.17.2006
PERMIT SET ISSUE DATE:
CONSTRUCTION SET ISSUE DATE:

DRAWING NUMBER: 2