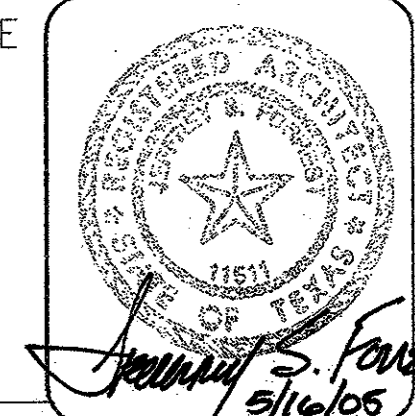


DANIEL COOK ARCHITECT
1710 WEST BELLS FORT
SUITE 200
DALLAS, TEXAS 75248
PHONE: 972-967-2883

BCA
BUILDING CONSTRUCTION AUTHORITY
OF THE STATE OF TEXAS

THE DESIGN IS CONSIDERED AS PART OF AN APPROVED COLLECTION OF WORK. ANY REVISIONS TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT IF THE ARCHITECT IS NOT THE ARCHITECT OF RECORD FOR THE PROJECT. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT IF THE ARCHITECT IS NOT THE ARCHITECT OF RECORD FOR THE PROJECT.



TRINITY CHRISTIAN
ACADEMY
17001 ADDISON ROAD
ADDISON, TX 75001-5096

NO.	DATE	DESCRIPTION	ISSUED BY	ORIGINAL ISSUE
1	05-15-05			

Current Revision
Current Issue Date
05-15-05
Original Issue Date
05-15-05
Architect
FORREST
Drafter
FORREST

FLOOR
PLANS

PROJECT AS081
A-01
DO NOT SCALE DRAWINGS!

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PLAN LEGEND

	PROJECT BOUNDARY LINE		ADJACENT SUBDIVISION BOUNDARIES
	EXISTING LOT LINES		PROPOSED RIGHT-OF-WAY LINES
	FORMER LOT LINES		PROPOSED LOT LINES
	EXISTING R.O.W. CENTERLINE		PROPOSED R.O.W. CENTERLINE
	IRON ROD FOUND		1/2 INCH IRON ROD WITH YELLOW CAP MARKED RPLS 3989 SET
	EXISTING EASEMENTS		PROPOSED EASEMENTS
	EXISTING ELECTRIC LINE		EXISTING BUILDING SETBACK LINES
	EXISTING POWER POLE & GUY		PROPOSED BUILDING SETBACK LINES
	EX. UNDERGROUND TELEPHONE		TREE, TYPE & DIAMETER
	EXISTING GAS LINE		EXISTING PIPE BOLLARD
	EXISTING GAS METER		CONTROLLING MONUMENT
	EXISTING STREET OR FLOOD LIGHT		PROPOSED SANITARY SEWER
	EX. SANITARY SEWER LINE		PROPOSED SANITARY SEWER MANHOLE
	EX. SANITARY SEWER MANHOLE		PROPOSED SANITARY SEWER SERVICE
	EX. STORM SEWER LINE		PROPOSED STORM SEWER
	EXISTING CONTOUR LINES		PROPOSED CONTOUR LINE
	EXISTING SPOT ELEVATION		PROPOSED SPOT GRADE
	EXISTING ASPHALT PAVING		PROPOSED DRAINAGE SWALE
	EXISTING CONCRETE PAVING		PROPOSED HIGH & LOW POINT
	EXISTING CURB		PROPOSED CURB
	EXISTING FIRE HYDRANT		PROPOSED FIRE HYDRANT
	EXISTING WATER LINE		PROPOSED WATER LINE
	EXISTING WATER METER		PROPOSED WATER METER
	EXISTING WATER VALVE		PROPOSED WATER VALVE
	UNDERGROUND TELEPHONE LINE		PROPOSED WATER SERVICE
	UNDERGROUND CABLE MARKER		PROPOSED SAWCUT LINE
	EXISTING DITCH CENTERLINE		BENCHMARK
	EXISTING FENCE		

STANDARD ABBREVIATIONS

AC	ACRES / AIR CONDITIONING	FL	FLOW LINE	PV	POINT OF VERTICAL INTERSECTION
APP	APPROXIMATE	FT	FEET	PWMT	PAVEMENT
ARCH	ARCHITECTURAL	FUT	FUTURE	R	RADIUS
ARV	AIR RELEASE VALVE	G	GAS	RC	REINFORCED CONCRETE
ASPH	ASPHALT	GI	GRATE INLET	RCA	REINFORCED CONCRETE ARCH PIPE
BC	BACK OF CURB	GM	GAS METER	RCB	REINFORCED CONCRETE BOX
B-B	BACK TO BACK OF CURB	GRAV	GRAVEL	RCI	RECESSED CURB INLET
BLRD	BOLLARD	GUT	GUTTER	RCP	REINFORCED CONCRETE PIPE
BM	BENCHMARK	HDPE	HIGH DENSITY POLYETHYLENE PIPE	REINF	REINFORCED
BW	BOTTOM OF WALL	HDWL	HEADWALL	RL	RIDGE LINE
CATV	CABLE TV	HGL	HYDRAULIC GRADE LINE	ROW	RIGHT OF WAY
CF	CUBIC FEET	HMAC	HOT MIX ASPHALTIC CONCRETE	RR	RAILROAD
CFS	CUBIC FEET PER SECOND	HP	HIGH POINT / HIGH PRESSURE	RT	RIGHT
C&G	CURB & GUTTER	HVAC	HEATING, VENTILATION AND AIR CONDITIONING	SET	SAFETY END TREATMENT
CI	CURB INLET	HW	HEADWATER	SF	SQUARE FEET
CL	CENTER LINE	ICV	IRRIGATION CONTROL VALVE	SY	SQUARE YARD
CM	CONTROLLING MONUMENT	IN	INCHES	SQ	SQUARE
CMA	CORRUGATED METAL ARCH PIPE	IRR	IRRIGATION WATER	SS	SANITARY SEWER
CMP	CORRUGATED METAL PIPE	IPF	IRON PIPE FOUND	STA	STATION
CO	CLEANOUT	IRF	IRON ROD FOUND	STD	STANDARD
CONC	CONCRETE	IRS	IRON ROD SET	STM	STORM DRAIN
CONST	CONSTRUCT	LF	LINEAR FEET	SVC	SERVICE
CPI	CURB POINT OF INTERSECTION	LP	LOW POINT / LOW PRESSURE	SW	SIDEWALK
CR	CURB RETURN.	LS	LUMP SUM	SWR	SEWER
CY	CUBIC YARD	LT	LEFT	SY	SQUARE YARD
DCO	DOUBLE CLEANOUT	MEP	MECHANICAL, ELECTRICAL AND PLUMBING	T	TELEPHONE
DIA	DIAMETER	MH	MANHOLE	TAN	TANGENT
DI	DUCTILE IRON PIPE	MO	MIDDLE ORDINATE	TBD	TO BE DETERMINED
DOM	DOMESTIC WATER	MON	MONUMENT	TC	TOP OF CURB
EA	EACH	N/A	NOT APPLICABLE	TMH	TELEPHONE MANHOLE
ELEV	ELEVATION	NG	NATURAL GROUND (EXISTING)	TOE	TOE OF SLOPE
EMH	ELECTRIC MANHOLE	OC	ON CENTER	TOP	TOP OF PAVEMENT
EOA	EDGE OF ASPHALT	OCW	ON CENTER EACH WAY	TOS	TOP OF SLOPE
EOC	EDGE OF CONCRETE	OHE	OVERHEAD ELECTRIC	TW	TOP OF WALL / TAILWATER
ESMT	EASEMENT	OHT	OVERHEAD TELEPHONE / CABLE	TYP	TYPICAL
EX	EXISTING	PC	POINT OF CURVATURE	UGE	UNDERGROUND ELECTRIC
FC	FACE OF CURB	PCC	POINT OF COMPOUND CURVATURE	UGT	UNDERGROUND TELEPHONE / CABLE
F-F	FACE TO FACE OF CURB	PI	POINT OF INTERSECTION	UNK	UNKNOWN
FF	FINISHED FLOOR ELEVATION	PL	PROPERTY LINE	VCP	VITREOUS CLAY PIPE
FH	FIRE HYDRANT	PP	POWER POLE	W	WATER
FM	FORCE MAIN	PRC	POINT OF REVERSE CURVATURE	WL	WATER LINE
FP	FINISHED PAD ELEVATION	PT	POINT OF TANGENCY	WM	WATER METER
FPS	FEET PER SECOND	PVC	POLYVINYL CHLORIDE PIPE	WTR	WATER
FL	FLOW LINE			WV	WATER VALVE

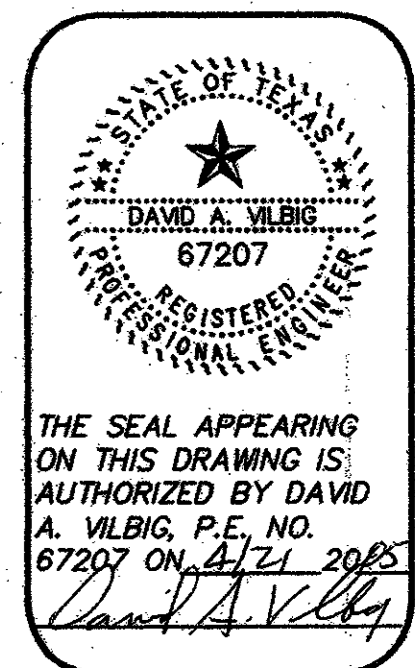
GENERAL NOTES

- Prior to any construction, the Contractor shall be familiar with the plans including all notes, the standard specifications and standards for construction in the Town of ADDISON, and any other applicable standards or specifications relevant to the proper completion of the work specified. Failure on the part of the Contractor to be familiar with all Standards and Specifications pertaining to this work shall in no way relieve the Contractor of responsibility of performing the work in accordance with all such applicable Standards and Specifications.
 - Underground utility locations shown on these plans are based on as-built plans obtained from government agencies and/or private utility companies, and above-ground locations of objects related to the underground utilities, such as valves, inlets, manholes, and location markers. The Engineer cannot guarantee the accuracy of the underground utility locations shown on these plans. The Contractor shall field verify the location of all existing utilities prior to beginning any construction and notify the Engineer if locations and flowlines are different than those shown on the plans. As required by the "Texas Underground Facility Damage Prevention and Safety Act", the Texas One Call System must be contacted (800-245-4545) at least 48 hours prior to any excavation operations being performed. It is the contractor's responsibility to contact the Texas One Call System.
 - Contractor shall be responsible for contacting all necessary public utilities prior to beginning permanent paving work to ensure that all proposed buried utilities are properly installed.
 - It will be the responsibility of the Contractor to protect all public utilities in the construction of this project. All storm sewer inlets, valve boxes, cleanouts, manholes, fire hydrants, gas mains, meter boxes, electric and telephone duct banks, etc. must be adjusted to the proper line and grade by the Contractor prior to and/or during the placement of permanent paving. Any facilities damaged during construction shall be restored to a state as good or better than their condition prior to construction, at the sole expense of the Contractor.
 - It will be the responsibility of the Contractor to protect all existing paving, sidewalks, buildings and other structures that will remain in place during the construction. The Engineer is not responsible for any inaccuracies in the location, size, grade, or full extent of existing above-ground or underground facilities shown on these plans. The Contractor shall be responsible for reporting any inaccuracies in facility locations that may affect successful completion of the work as specified. Unless otherwise directed, the Contractor is responsible for maintaining said facilities in their present condition, and if they are damaged, they shall be restored to a state as good or better than their condition prior to construction, at the sole expense of the Contractor.
 - Contractor shall possess, prior to construction, all necessary permits, licenses, etc., and shall perform all work in compliance with any terms and conditions. All work shall be done in compliance with applicable state, federal, and local regulations.
 - The Contractor shall be responsible for inspecting the site and shall be familiar with the soil conditions to be encountered and any onsite conditions which may affect successful performance of the work, such as the availability of transportation and labor, access to public streets, access to utilities needed during construction, and unforeseen weather conditions. Any failure by the Contractor to properly ascertain the onsite conditions will not relieve him from responsibility for properly estimating the difficulty or cost of successfully performing the work.
 - Any rock encountered during excavation, any pavement or structures required to be removed, and/or any contaminated materials encountered during construction shall be considered waste material and shall be disposed of as specified in Note #9.
 - Prior to commencing excavation operations, the Contractor shall consult with the Developer and/or the Engineer to determine how and where to dispose of waste materials. Waste materials shall be moved at the Contractor's expense and placed in a legally and environmentally sound manner at a location approved by the Developer and any applicable governing authorities and/or private property owners. Waste material disposal practices shall comply with all applicable state, federal and local regulations. At the conclusion of construction, the Contractor may not leave stockpiled waste materials onsite unless the Developer specifically authorizes this practice in writing.
 - The Engineer and the Developer are not responsible for any inaccuracies in the soils report(s) and/or any other assessments of subsurface conditions prepared by others. It shall be the responsibility of the Contractor to ascertain the existence of any unexpected subsurface conditions that may affect the work performed. The Engineer is not responsible for interpretation of subsurface report data by the Contractor, such as underground rock profiles, soil bearing values, soils stability and/or the presence, level and extent of underground water.
 - In the event that an item is not covered by the Specifications, the Engineer's decision shall apply.
 - The Contractor shall coordinate the placement of any necessary sleeving with the plumbing, electrical, and irrigation subcontractors.
 - The Contractor shall be responsible for trench safety plans and implementation. Plans shall be prepared and sealed by a professional engineer, licensed in the State of Texas, for the implementation of safety control of the project.
 - The Contractor shall protect all property corner markers, monuments, and benchmarks. If any such items are in danger of being disturbed, they shall be properly referenced, and if disturbed, they shall be reset by a State of Texas registered professional land surveyor at the sole expense of the Contractor. The Contractor is responsible for coordinating with the Engineer and Surveyor at the appropriate time to set any new property corner markers or monuments required prior to acceptance of the project. The Contractor shall bear the entire cost of setting additional corner markers that are not addressed in the original contract documents.
 - It is the responsibility of the Contractor to maintain existing access routes to adjacent properties, or to provide alternate access routes to the satisfaction of the Developer, adjacent property owners and/or any applicable governing authorities. Public roads, alleys and/or other public access routes shall not be blocked or obstructed in any way unless permission is obtained from the Developer and the governing authorities. Furthermore, unless properly directed by all governing authorities, the Contractor shall not perform any action that may obstruct or impede the normal operation of public or private vehicles or transportation facilities located near the site, including but not limited to rail transportation and aircraft.
 - Unless otherwise indicated in these plans, the Contractor shall be responsible for providing traffic control plans. The cost of implementing these plans, including materials and labor, shall be borne by the Contractor.
 - It is the responsibility of the Contractor and/or the Developer to bear the cost of any required bonds, inspection and testing services, city or state inspection or permit fees, impact fees and/or any other miscellaneous fees or certifications required for successful completion of this project.
 - Unless otherwise specified, all fill to be placed under structures or pavement shall be compacted in 8-inch maximum lifts to 95% Standard Proctor density per ASTM D698 at optimum moisture. All excavation for utility placement shall be compacted in 6-inch lifts to 95% Standard Proctor density at optimum moisture as the utilities are backfilled. All other fill shall be compacted to 90% Standard Proctor density at optimum moisture. Refer to the soils report for more details.
 - Topographic contours, existing ground profile lines, and locations of existing above-ground improvements are based on survey data provided by VILBIG & ASSOCIATES, INC. on April 6, 2005. This information and any excavation quantities provided by the Engineer prior to construction are for informational purposes only. The Contractor shall be responsible for performing an independent quantity takeoff of excavation required for this project, and for verifying the accuracy and completeness of any topographical information or quantities shown on the plans or contract documents.
- The Engineer shall not be responsible for any unanticipated fill import or offsite fill disposal required to complete the project if any of the following conditions are met:
- The Contractor fails to verify the accuracy of the topographical information on the plans prior to construction.
 - The Contractor fails to report any known changes to the site topography that occurred after the date when the survey data was provided to the Engineer.
 - The Contractor fails to notify the Engineer immediately of any errors, discrepancies or omissions in the plans or Engineer's quantities.
 - The Contractor cannot accurately and thoroughly account for the source of the excavation quantity discrepancies in the plans or Engineer's quantities.
- The Contractor is responsible for informing the Engineer and the Developer of any field adjustments and/or design changes made to the project during construction. If the Contractor does not provide enough information to complete as-built drawings and/or account for amendments to the original contract documents, the Contractor shall bear the entire cost of any additional field verification or investigation necessary to accurately summarize the changes.

BENCHMARKS

- Temporary Bench Mark: "□" cut on northwest corner of Y inlet at the northeast corner of property Elev = 639.63'
- Bench Mark: "□" cut on inlet sw corner Sojourn & Addison Rd. Elev.=641.95

VILBIG & ASSOCIATES, INC.
 CONSULTING ENGINEERS & SURVEYORS
 10132 MONROE DRIVE DALLAS, TEXAS 75229
 (214) 352-7333 fax (214) 352-0999



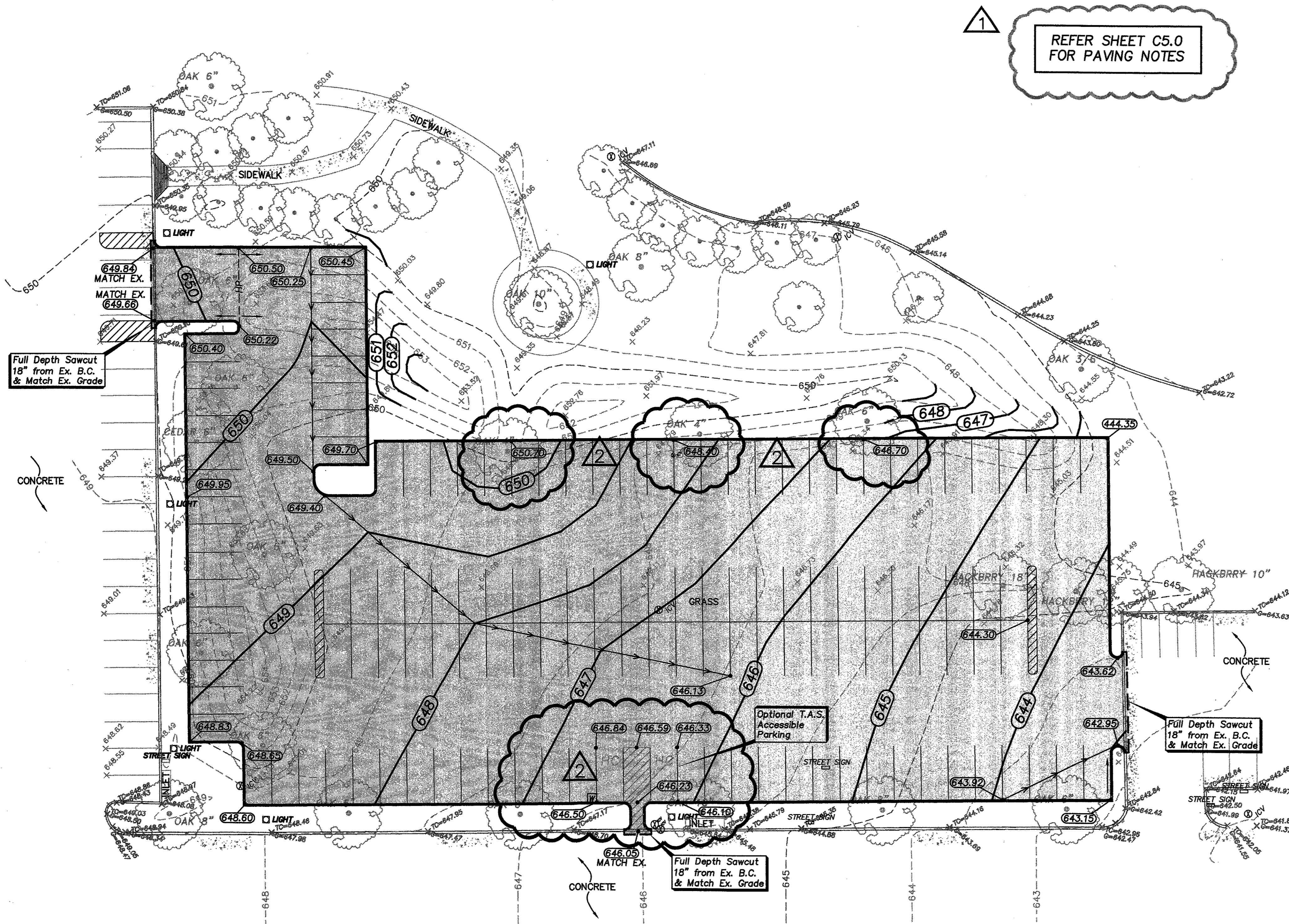
TRINITY CHRISTIAN ACAD.
 PARKING LOT EXPANSION
 NW/COR. ADDISON RD. & SOJOURN DR.
 TOWN OF ADDISON, TEXAS

GENERAL NOTES & LEGEND

NO.	DATE	BY	DESCRIPTION
1	05/13/05	CMW	Paving spec sheet (CS.O) added to set
2	05/13/05	CMW	Issued for Construction

SUBMITTAL #1: 04/21/05
 SUBMITTAL #2: 05/13/05
 SUBMITTAL #3: ---/---/---
 SUBMITTAL #4: ---/---/---
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 CHECKED: DAV
 SCALE: 1" = 20'
 VAI PROJECT NO: 689-23

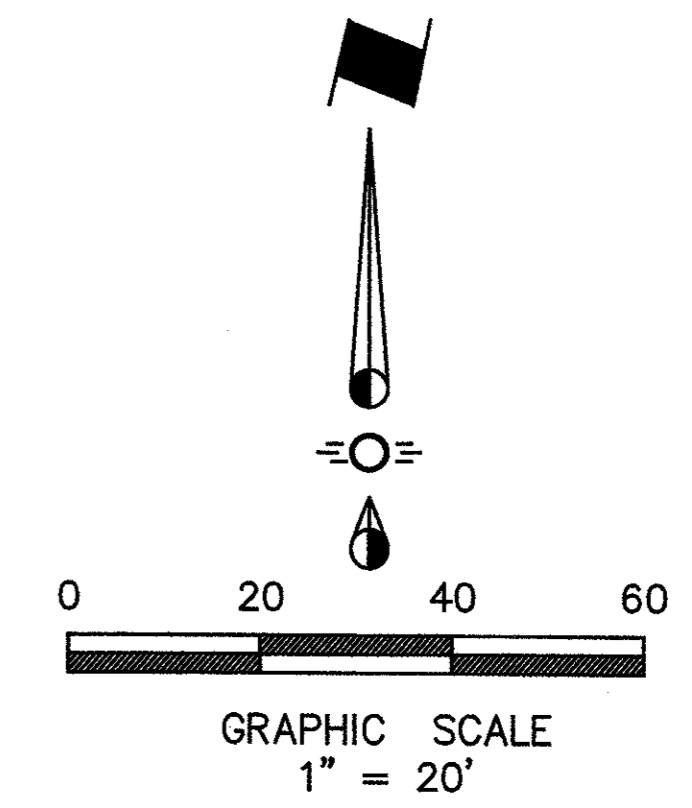
SHEET
C1.0
 OF 4



1
REFER SHEET C5.0
FOR PAVING NOTES

GRADING NOTES

1. Prior to commencing construction activities, the Contractor shall consult with the Engineer and/or the Developer to determine if any portions of the site are to be left undisturbed. The Contractor shall be entirely responsible for the protection of existing structures, trees, vegetation, and other items designated to remain. The Contractor shall comply with all provisions of the tree mitigation plan(s) or local tree preservation requirements, where applicable. The Contractor shall bear the entire cost of restoring, replacing, or otherwise compensating the Developer for any protected facilities or vegetation that are damaged or destroyed during earthwork or clearing operations.
2. All earthwork under buildings or pavement shall be free of organic materials, including stumps, roots, and other vegetation. The Contractor shall be responsible for stripping organic material from the ground surface and disposing of it as specified in Note #9 in the General Notes, Sheet C1.0.
3. Landscaped areas shall receive 6" of topsoil unless otherwise noted elsewhere in the landscape or civil engineering plans. Stripped topsoil shall be stockpiled onsite at a location approved by the Developer. At the conclusion of construction, excess topsoil shall be considered waste material, and the Contractor is responsible for disposing of it as specified in Note #9 in the General Notes, Sheet C1.0.
4. Earthwork shall be inspected and tested on a continuing basis by the Geotechnical Engineer or an independent testing firm. The Contractor shall follow the Geotechnical Engineer's recommendations, and shall obtain approval before placement of fill containing significant numbers of rocks in excess of 4" in diameter.
5. All fill to be placed under structures or pavement shall consist of onsite soils compacted per Note #18, Sheet C1.0 and/or the geotechnical report.
6. All subgrade shall be proof-rolled prior to the placement of paving.
7. Final paving, curb, sidewalk and building pad elevations will be placed with an elevation tolerance of plus or minus 0.03 feet. Grades in landscaped areas will be placed with an elevation tolerance of plus or minus 0.10 feet.
8. Grades in paved areas are top of finished pavement unless noted. Grades along curb lines are to base of curb (gutter) unless denoted with "TC" to signify Top of Curb. All curbs are 0.50' (6") high unless noted otherwise on the plans. Finished floor elevations are to top of floor including thickness of flooring materials; consult architectural and/or structural plans for depth of excavation under building(s).
9. Landscaped areas designated as "Grade to Drain" shall have an absolute minimum slope of 1.5% unless otherwise indicated on the plans, and shall be sloped at 2% or greater whenever possible. Unless otherwise indicated, maximum slope of landscaped areas shall be 3:1 (H:V).
10. Unless otherwise indicated, grading of areas subject to pedestrian access shall comply with the latest revision of the Texas Accessibility Standards (T.A.S.) enacted by the Texas Department of Licensing and Regulation.
11. Ramps in excess of 0.50' (6") vertical rise require handrails per T.A.S. regulations. Refer to architectural plans for detail of handrails on ramps and stairs, where applicable.
12. All areas not covered by buildings, pavement or other erosion-resistant surfaces shall be stabilized in compliance with the SWPPP and/or landscape plan, where applicable.
13. Refer to street paving plans for proposed grades within proposed right-of-way.
14. Units of length are feet unless otherwise marked as inches ("), centimeters (cm), meters (m) or yards (yd).
15. Refer to Sheet C1.0 for other general notes applicable to grading.



BENCHMARKS

1. Temporary Bench Mark: "□" cut on northwest corner of Y inlet at the northeast corner of property Elev = 639.63'
2. Bench Mark: "□" cut on inlet sw corner Sojourn & Addison Rd. Elev=641.95

NO.	DATE	BY	DESCRIPTION
1	05/13/05	CMW	Paving spec sheet (C5.0) added to set
2	05/13/05	CMW	issued for construction
	06/15/05	CMW	Spot grades revised
6	06/08/05	CMW	Crosswalk revised, flume added

REVISIONS

VILBIG & ASSOCIATES, INC.
CONSULTING ENGINEERS & SURVEYORS
10132 MONROE DRIVE DALLAS, TEXAS 75229
(214) 352-7333 fax (214) 352-0999



TRINITY CHRISTIAN ACADEMY
PARKING LOT EXPANSION
NW/COR. ADDISON RD. & SOJOURN DR.
TOWN OF ADDISON, TEXAS

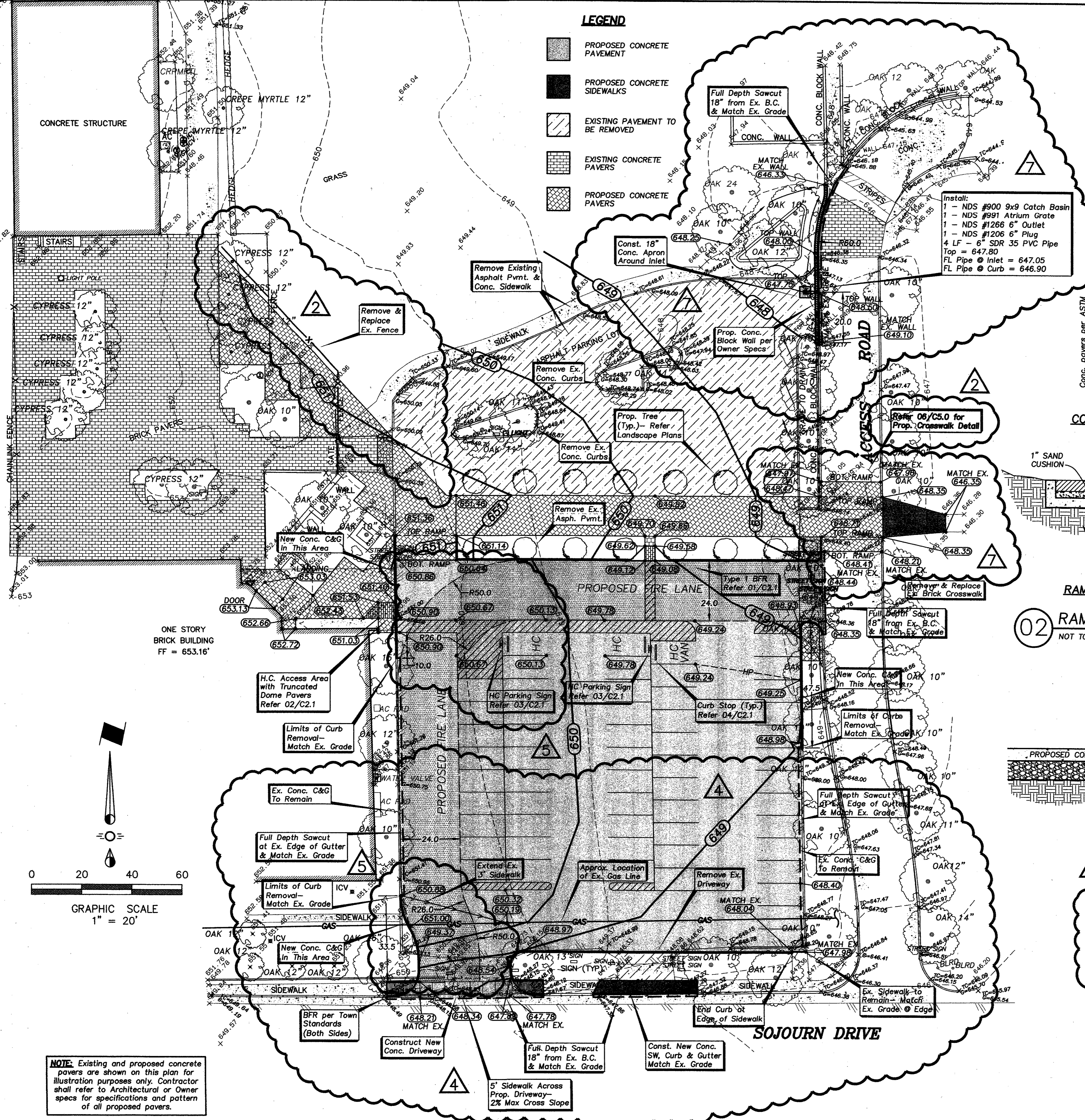
NORTH LOT
GRADING
PLAN

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SUBMITTAL #3: 05/31/05
SUBMITTAL #4: 06/03/05
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CHECKED: DAY
SCALE: 1" = 20'
VAL PROJECT NO: 688-23

SHEET
C2.0
OF 5

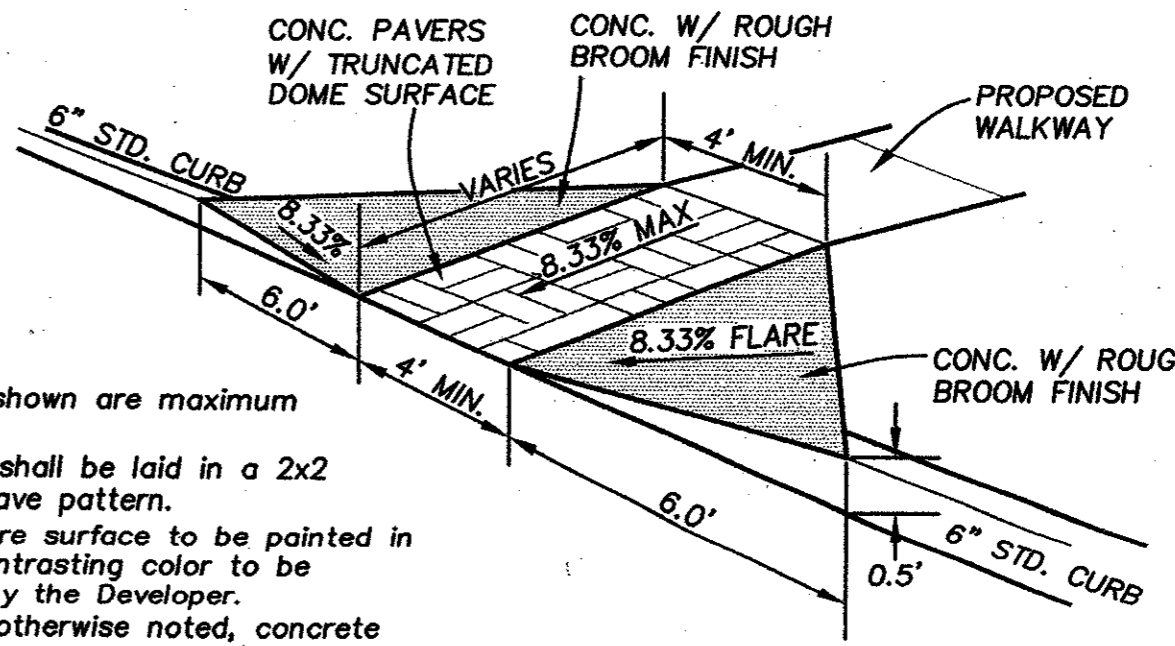
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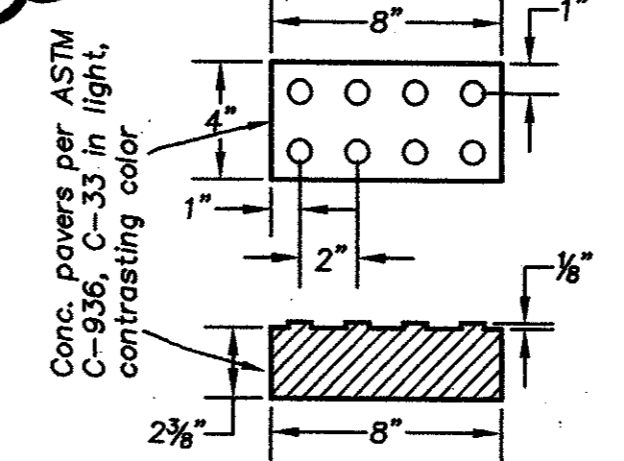


LEGEND

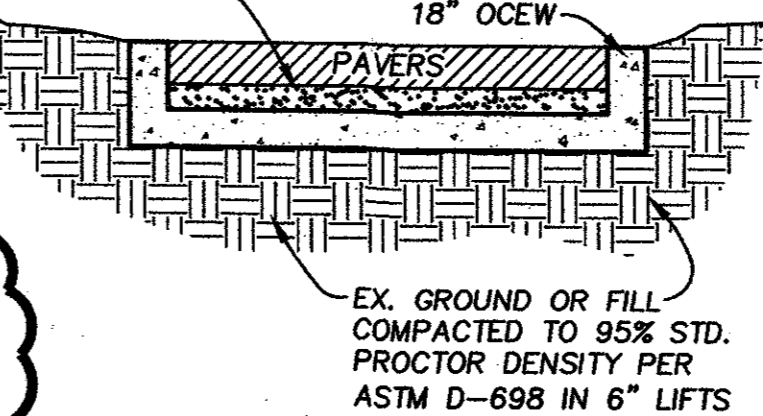
- PROPOSED CONCRETE PAVEMENT
- PROPOSED CONCRETE SIDEWALKS
- EXISTING PAVEMENT TO BE REMOVED
- EXISTING CONCRETE PAVERS
- PROPOSED CONCRETE PAVERS



01 TYPE 1 BARRIER-FREE RAMP DETAIL
NOT TO SCALE

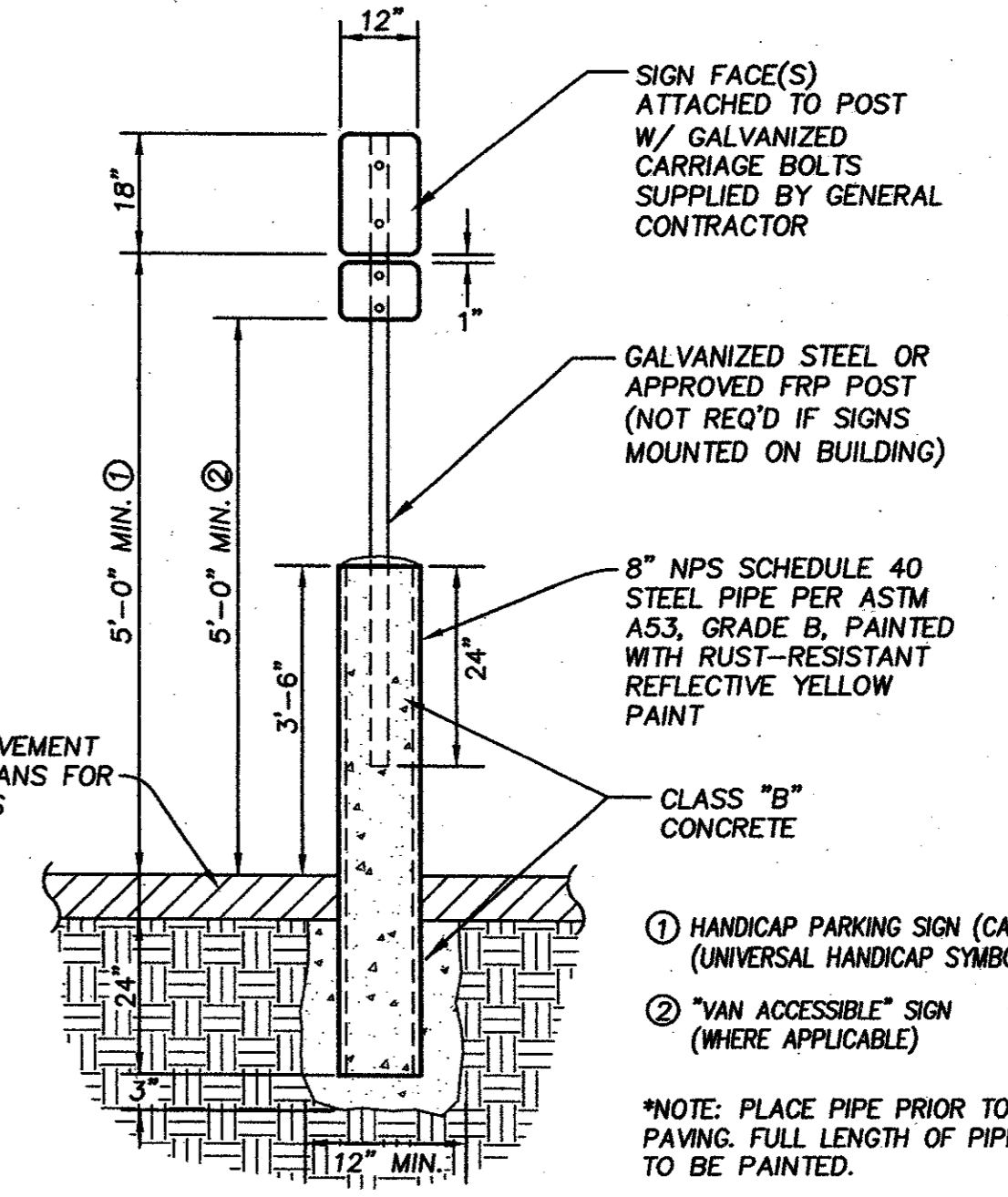


CONC. PAVER UNIT DETAIL

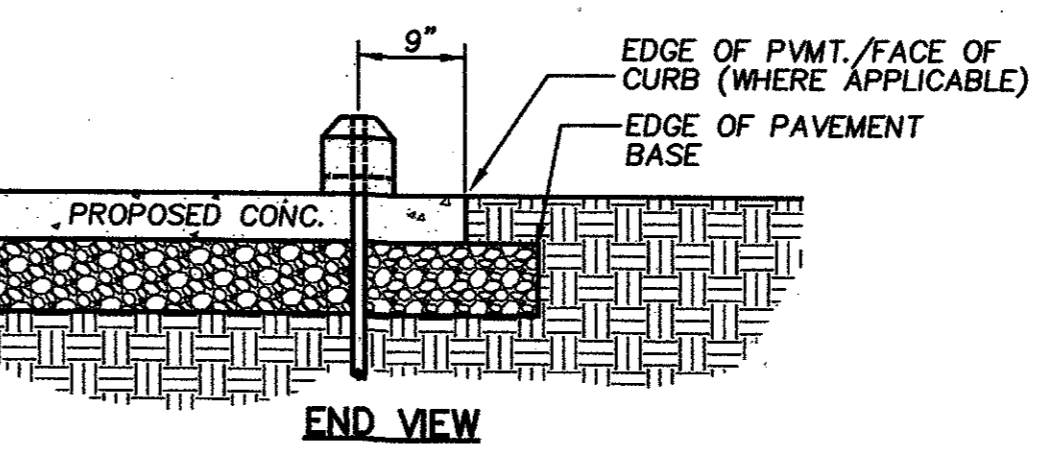


RAMP SECTION

02 RAMP PAVER DETAIL
NOT TO SCALE



03 ACCESSIBLE PARKING SIGN DETAIL (PAVED AREAS)
NOT TO SCALE



04 CURB STOP DETAIL
NOT TO SCALE

REFER SHEET C2.0 FOR GRADING NOTES
REFER SHEET C5.0 FOR PAVING NOTES

BENCHMARKS

1. Temporary Bench Mark: "□" cut on northwest corner of Y inlet at the northeast corner of property Elev = 639.63'
2. Bench Mark: "□" cut on inlet sw corner Sojourn & Addison Rd. Elev. = 641.95

NO.	DATE	BY	DESCRIPTION
1	05/13/05	CMW	Paving spec sheet (C5.0) added to set
2	05/13/05	CMW	Issued for Construction
3	05/13/05	CMW	Alignment of east side of SW crosswalk detail
4	05/19/05	CMW	Crosswalk revised to solve drainage problem
5	05/31/05	CMW	Site regraded to clear existing gas line
6	06/23/05	CMW	Fire lane, parking, NE entrance revised
7	06/29/05	CMW	Crosswalk revised, area to north regraded
		CMW	Crosswalk, wall area revised; inlet added

NOTE: Existing and proposed concrete pavers are shown on this plan for illustration purposes only. Contractor shall refer to Architectural or Owner specs for specifications and pattern of all proposed pavers.

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TRINITY CHRISTIAN ACAD.
PARKING LOT EXPANSION
NW/COR. ADDISON RD. & SOJOURN DR.
TOWN OF ADDISON, TEXAS

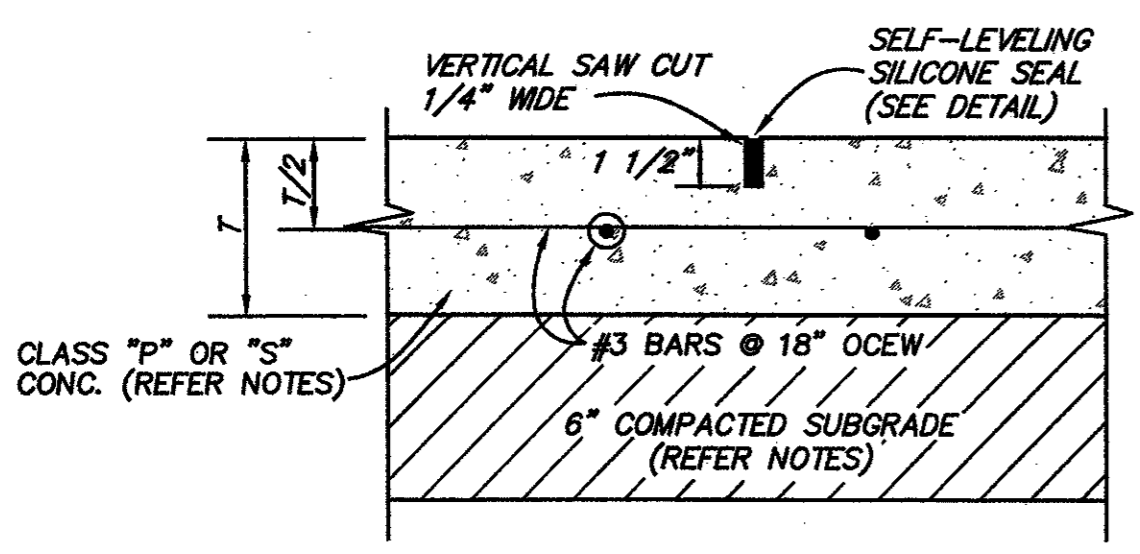
SOUTH LOT GRADING PLAN

SUBMITTAL #1: 04/21/05
SUBMITTAL #2: 05/13/05
SUBMITTAL #3: 05/31/05
SUBMITTAL #4: 06/03/05
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CHECKED: DAV
SCALE: 1" = 20'
VAI PROJECT NO: 689-23

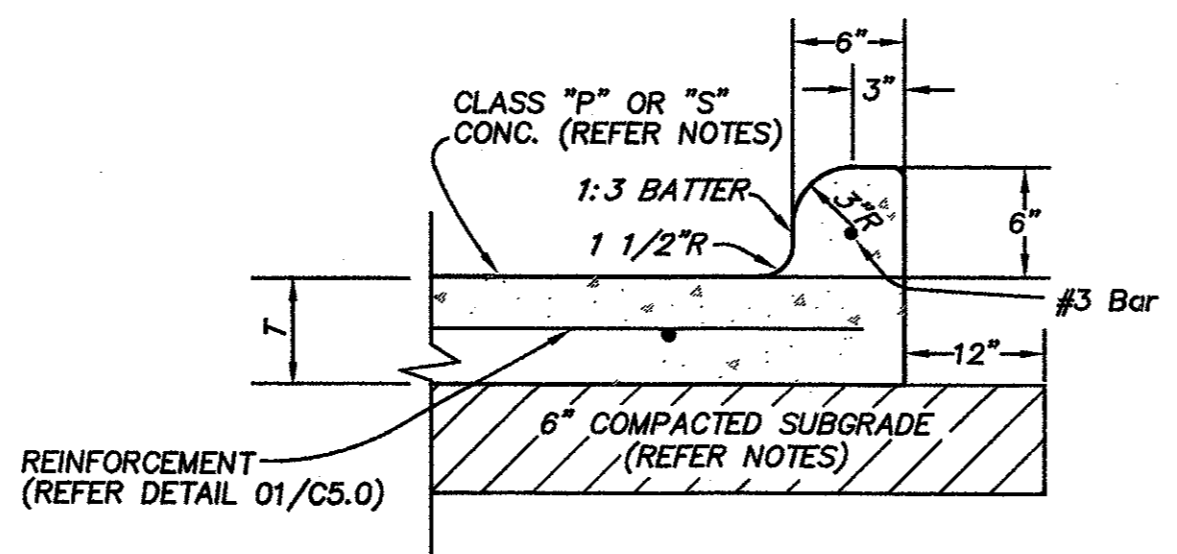
SHEET
C2.1
OF 5

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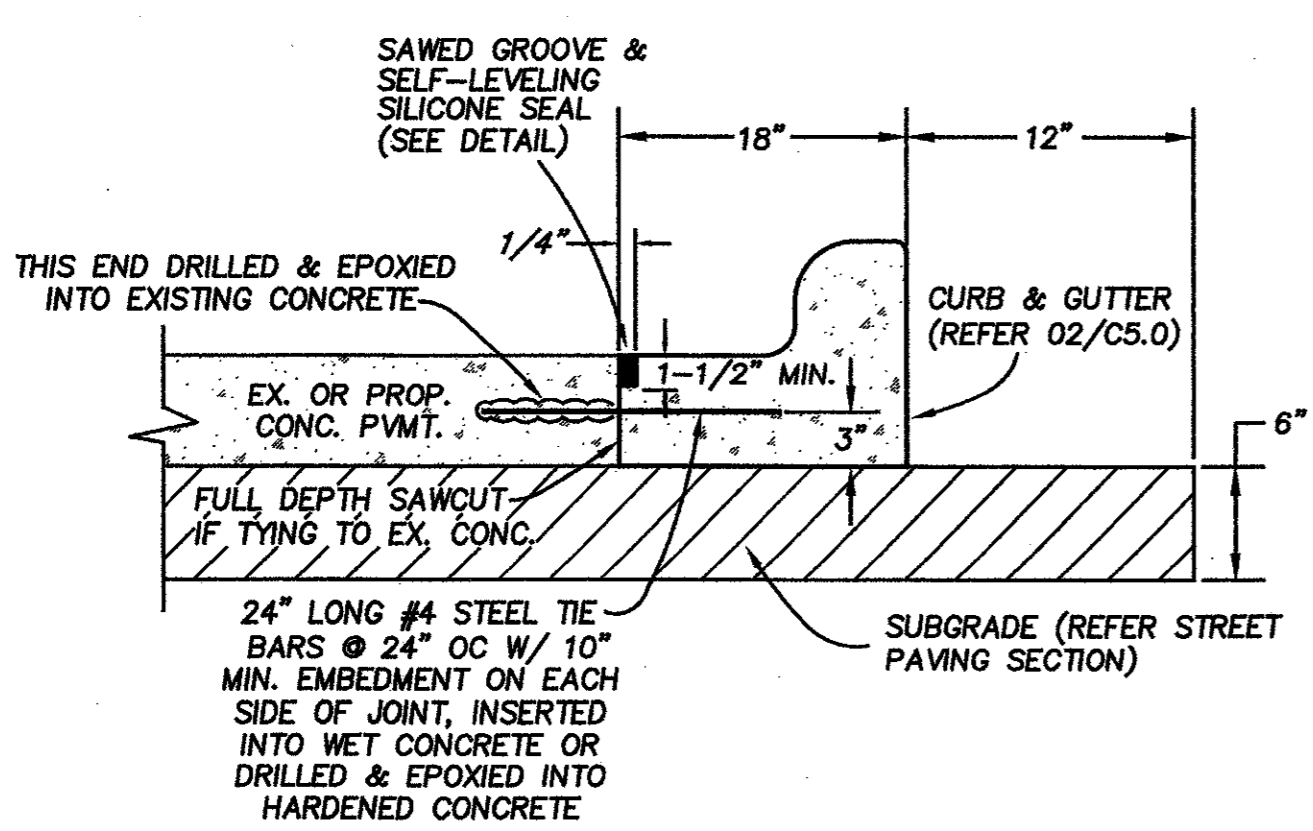
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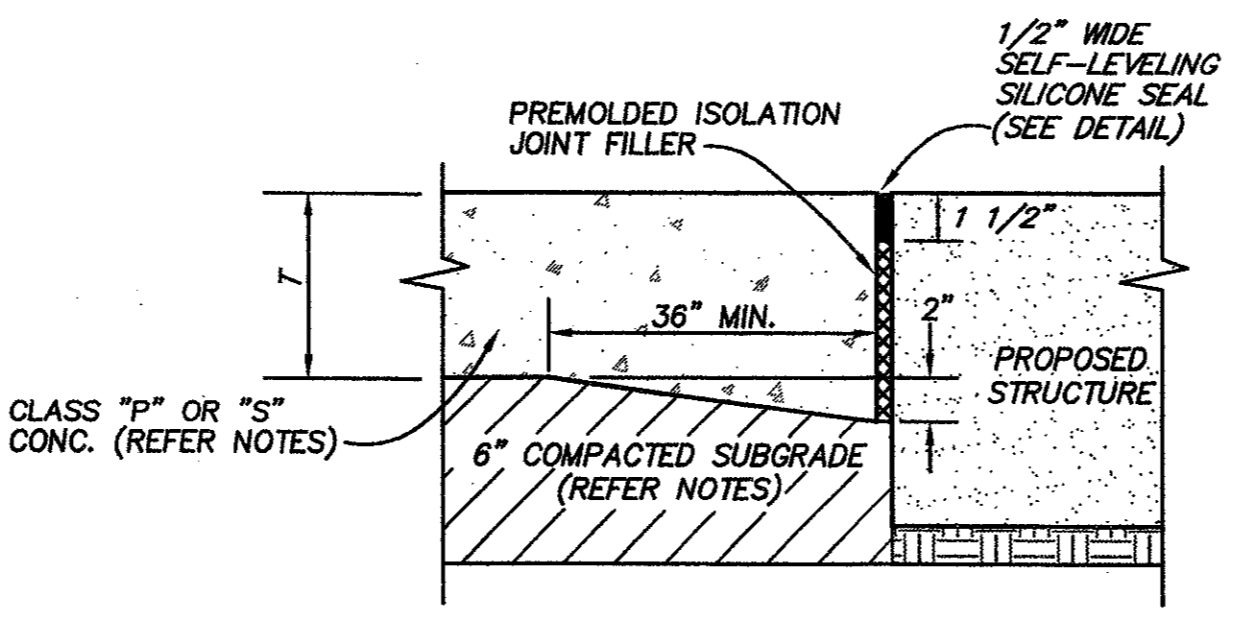
01 CONCRETE PAVING SECTION
NOT TO SCALE



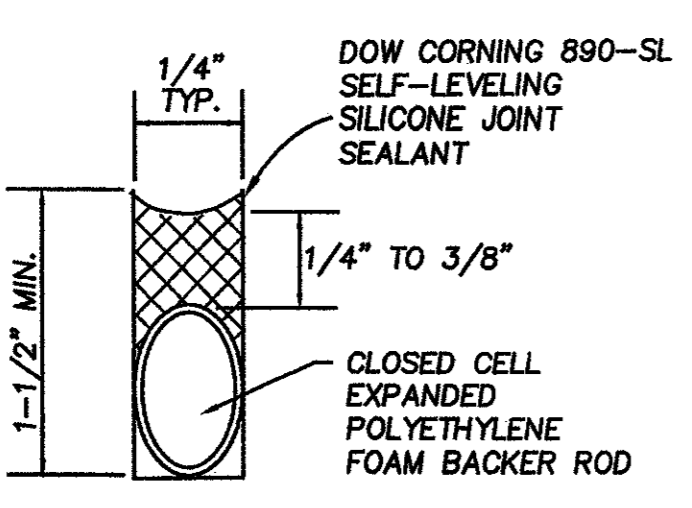
02 PAVEMENT AND CURB SECTION
NOT TO SCALE



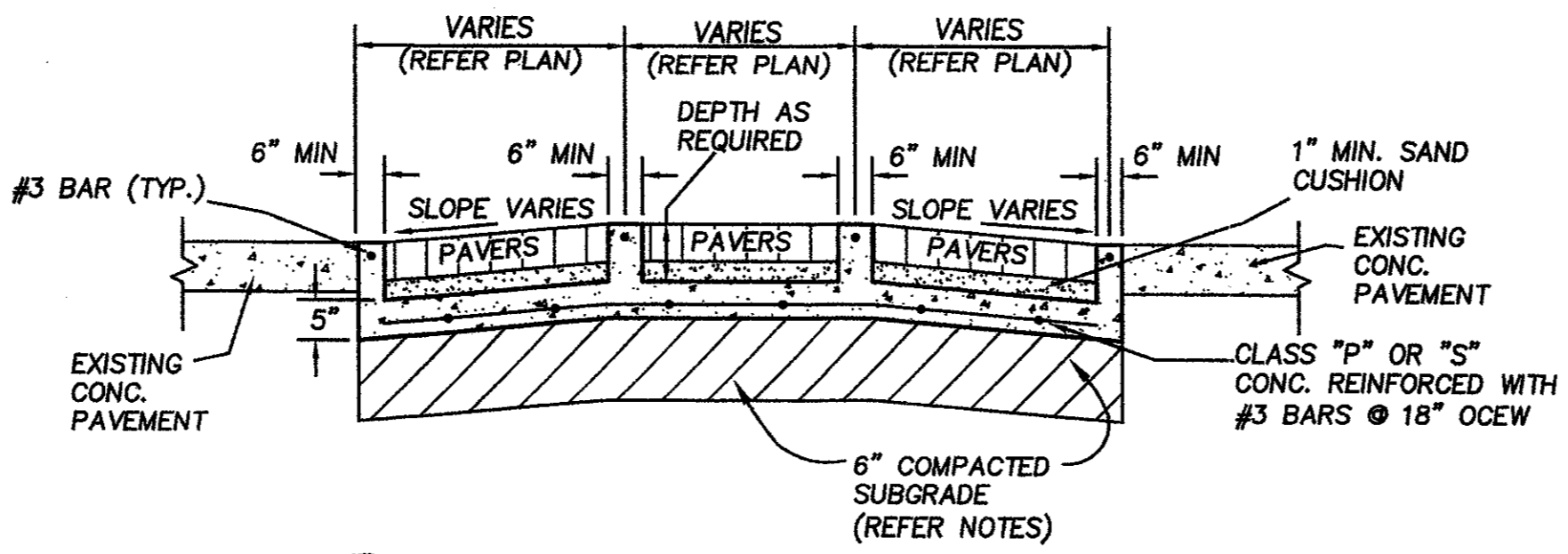
03 CONC. PVMT. CONNECTION @ CURB
NOT TO SCALE



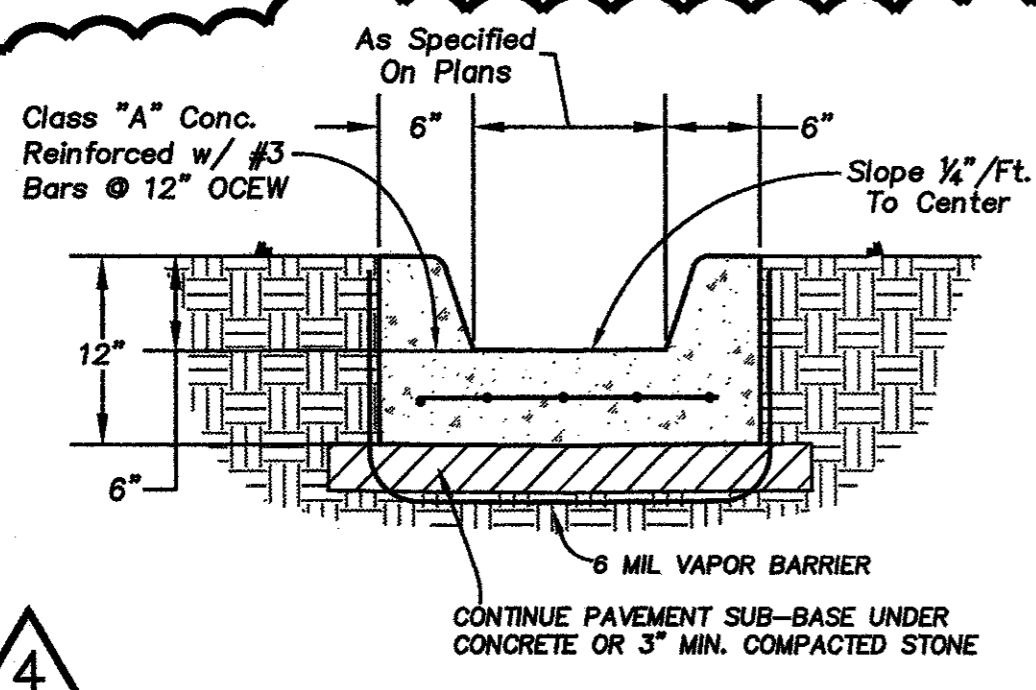
04 ISOLATION JOINT
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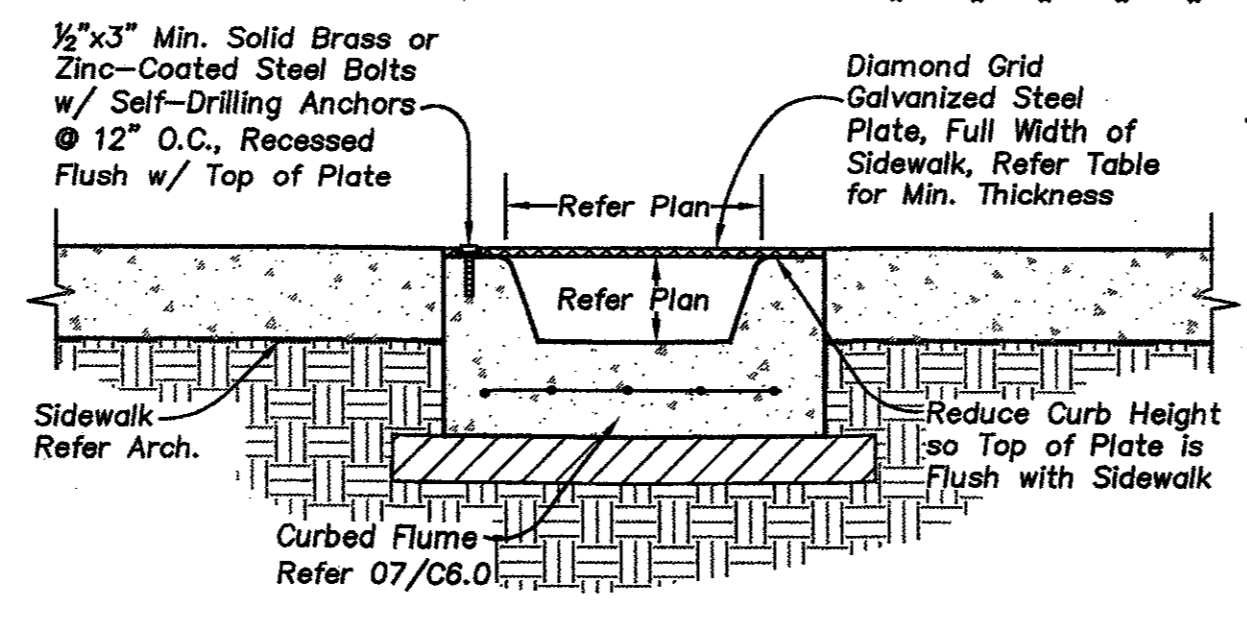
05 JOINT SEAL DETAIL
NOT TO SCALE



06 PAVER CROSSWALK DETAIL
NOT TO SCALE



07 CURBED FLUME SECTION
NOT TO SCALE



08 SIDEWALK FLUME CROSSING
NOT TO SCALE

MIN. PLATE THICKNESS	
SPAN (feet)	THICKNESS (inches)
4'	1/2"
6'	3/4"
8'	1"
10'	1 1/4"

*Based on City of Plano standards.

PAVING NOTES

- 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.
- 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
- Paving thickness shall be as follows:
 - Concrete Thickness "T":
 - Fire lanes & driveways - T=6"
 - Parking areas - T=5"
- All curbs shall be integral curbs.
- Subgrade shall consist of onsite soils compacted per Note #18, Sheet C1.0 and/or the geotechnical report.
- Refer to City landscape specifications for seeding and sodding requirements.
- Subgrade is to be proof-rolled prior to placement of pavement.
- Contractor to remove and dispose of any and all material that is deemed unsuitable for base material by the Engineer.
- Match existing curbs at ends of new curbs (where applicable).
- 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).
- Developer is responsible for specifying concrete paver color, shape, and layout pattern. Pavers shall be installed per manufacturer's recommendations.
- Top of paver elevations will be placed within ± 0.13 foot ($\pm 1/8$ ") 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 ($1/8$ ") to 0.25 foot ($1/4$ ") above adjacent pavement grade.
- Pavers shall be 60mm ($2 3/8$ ") 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.
- 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.
- 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.
- Refer to Sheet C1.0 for other general notes applicable to paving.

482-4
VILBIG & ASSOCIATES, INC.
CONSULTING ENGINEERS & SURVEYORS
10132 MONROE DRIVE DALLAS, TEXAS 75229
(214) 352-7333 fax (214) 352-0999



THE SEAL APPEARING ON THIS DRAWING IS AUTHORIZED BY DAVID A. VILBIG, P.E. NO. 67207 ON 20

TRINITY CHRISTIAN ACAD.
PARKING LOT EXPANSION DR.
NW/COR. ADDISON RD. & SOJOURN DR.
TOWN OF ADDISON, TEXAS

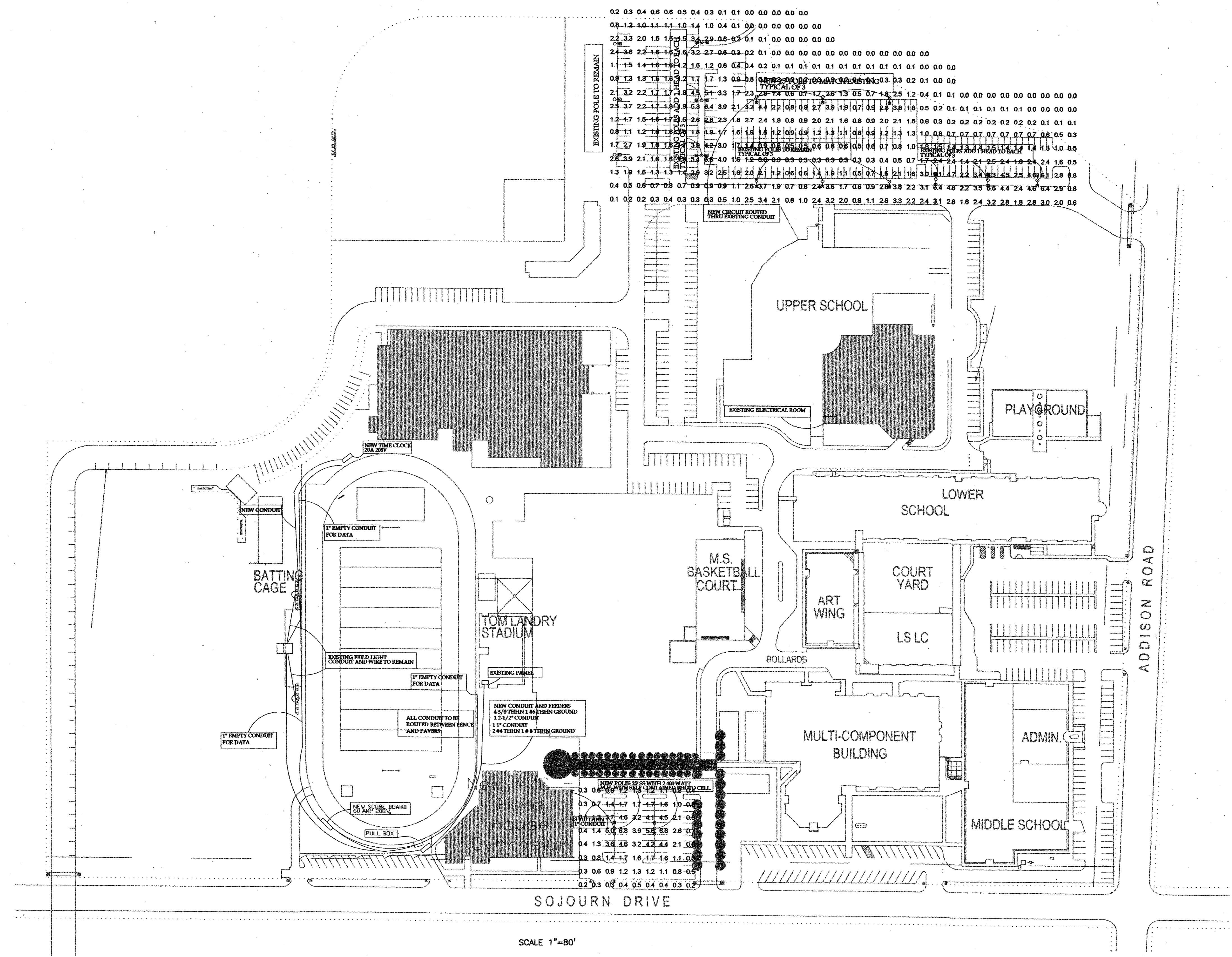
PAVING NOTES & DETAILS

SUBMITTAL #1: 04/21/05
SUBMITTAL #2: 05/13/05
SUBMITTAL #3: 05/31/05
SUBMITTAL #4: 06/03/05
DESIGN: CMW DRAWN: CMW
CHECKED: DAV
SCALE: 1" = 20'
VAIL PROJECT NO: 689-23

NO.	DATE	BY	DESCRIPTION
1	05/13/05	CMW	Paving spec sheet (C5.0) added to set
1	05/13/05	CMW	issued for Construction
2	05/19/05	CMW	Lime stabilization removed from notes
3	05/19/05	CMW	Flexural strength changed to 3,500 psi
4	06/08/05	CMW	Flume and SW crossing details added

SHEET 1
C5.0
OF 4

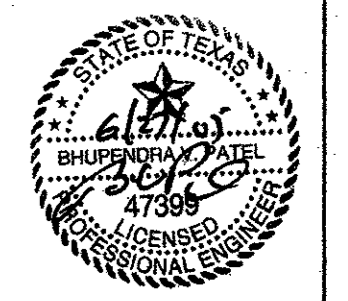
REVISIONS



EXISTING POLE TO REMAIN

02	03	04	06	06	05	04	03	01	01	00	00	00	00	00
08	12	10	11	11	10	14	10	04	01	00	00	00	00	00
22	33	20	15	15	15	15	34	29	08	02	01	01	00	00
24	36	22	16	16	16	16	32	27	06	03	02	01	00	00
11	15	14	16	16	16	16	2	15	12	06	05	04	02	01
09	13	13	15	15	15	15	17	13	09	08	08	08	08	08
21	32	22	17	17	17	17	33	17	23	17	17	17	17	17
25	37	22	17	17	17	17	33	17	23	17	17	17	17	17
12	17	15	14	14	14	14	28	23	18	27	24	18	08	09
04	11	12	15	15	15	15	15	17	16	14	14	12	09	09
17	27	19	15	15	15	15	33	42	30	17	14	04	04	05
28	39	21	16	16	16	16	38	40	16	12	09	03	03	03
13	19	16	13	13	13	13	25	16	12	09	03	03	03	03
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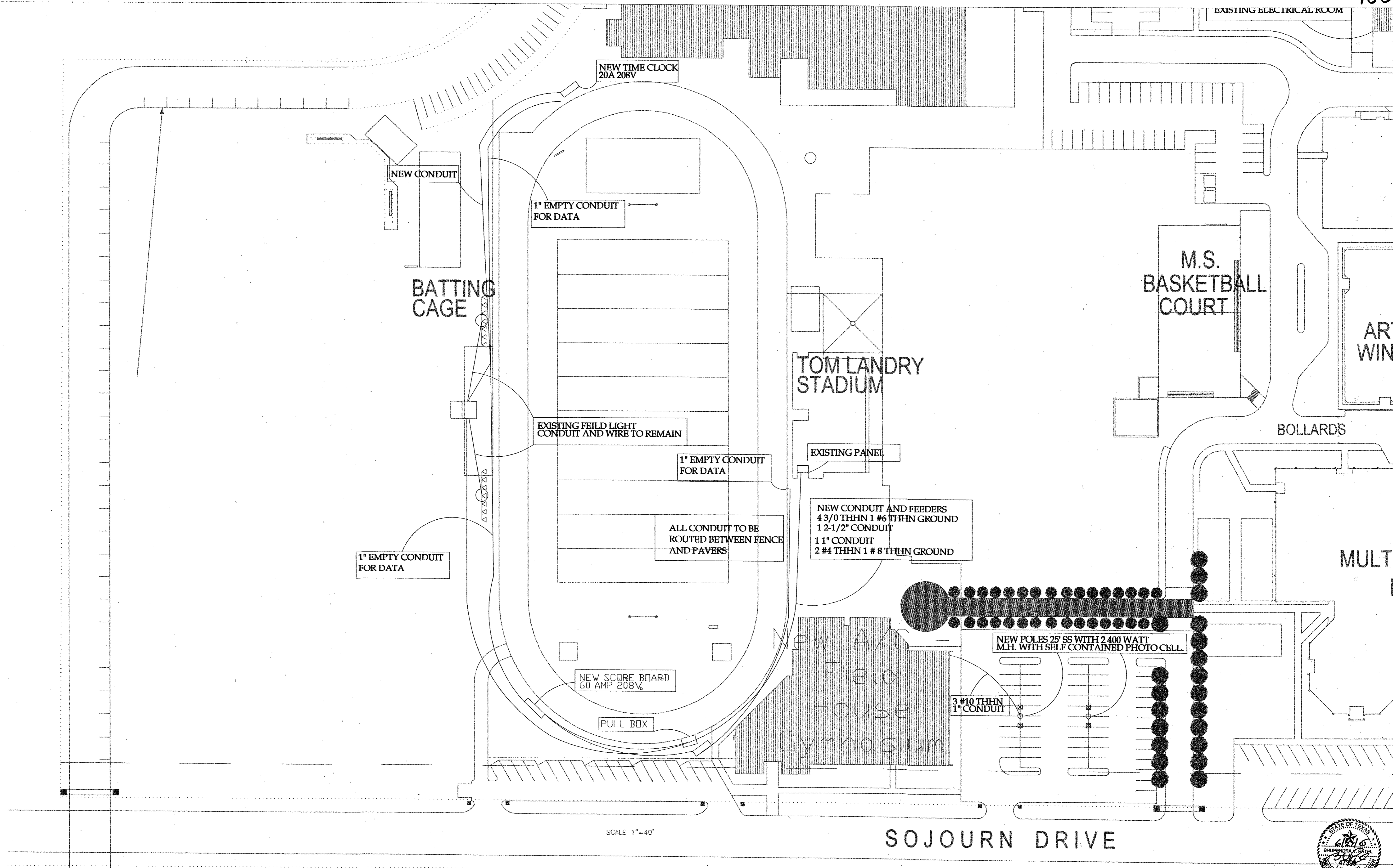
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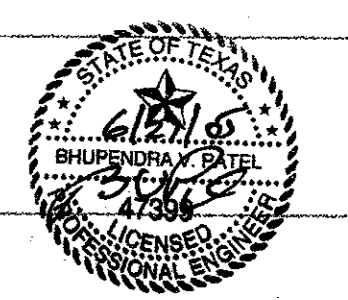
REVISION	DESCRIPTION	DATE	General Contractor:	Job Number:
			RAYMOND CONSTRUCTION PHONE # 972-980-4404	12966
			Architect:	
			NAME	T.C.A.
			PHONE #	
			Engineer:	
			NAME	1700 ADDISON RD.
			PHONE #	ADDISON, TX
				DATE MONTH/DAY/YEAR

Drawn By: JSF Checked By:

Sheet Number: E-1

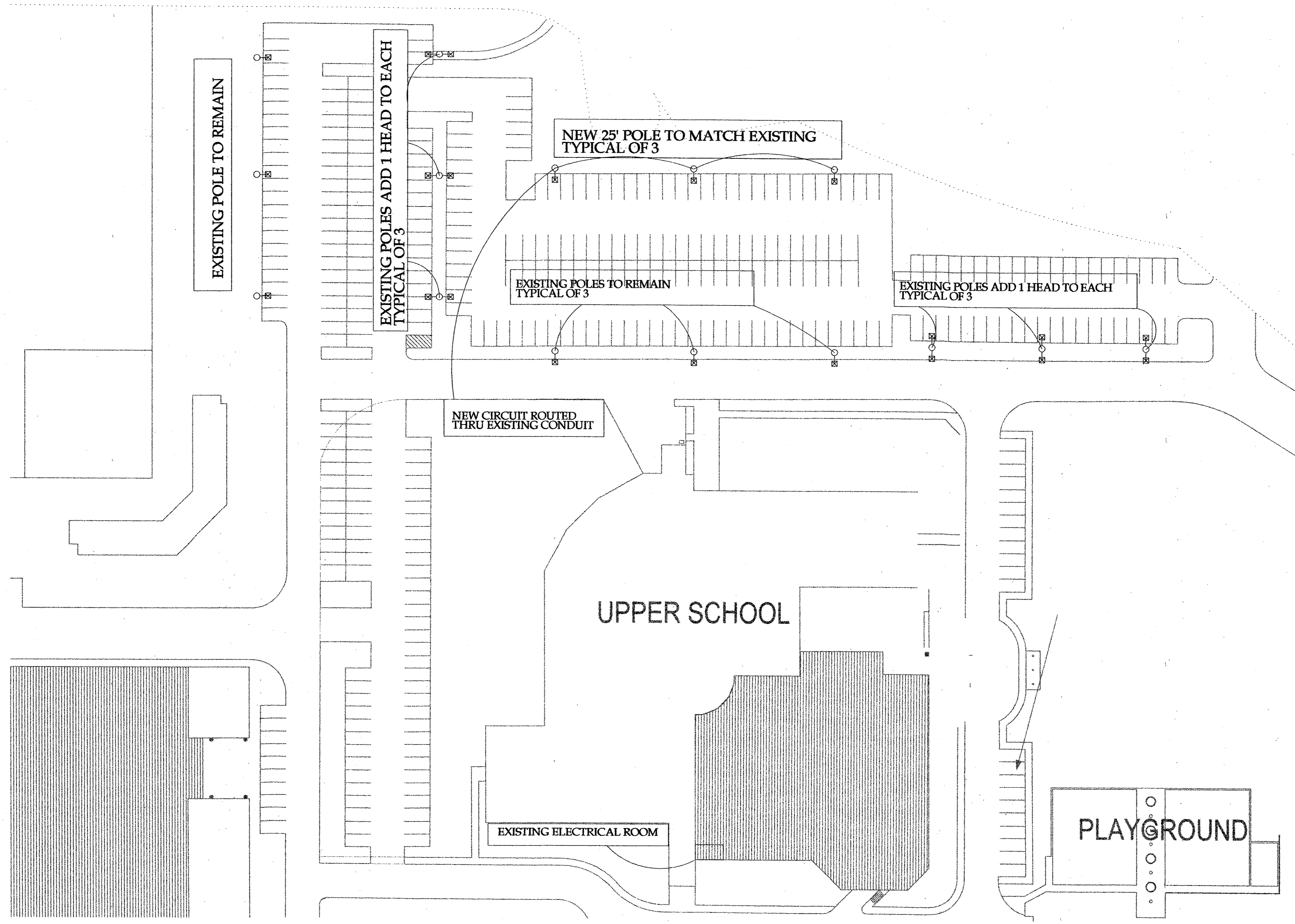


SCALE 1"=40'



REVISION	DESCRIPTION	DATE	General Contractor:	Job Number:
			RAYMOND CONSTRUCTION PHONE # 972-980-4404	12966
			Architect:	
			Daniel Cook & Associates PHONE # 972 267-2803	
			Engineer:	
			NAME	T.C.A.
			PHONE #	1700 ADDISON RD.
				ADDISON, TX
				Date: 05/06/2005
				Sheet Number:
				E-2

Drawn By: JSF Checked By:

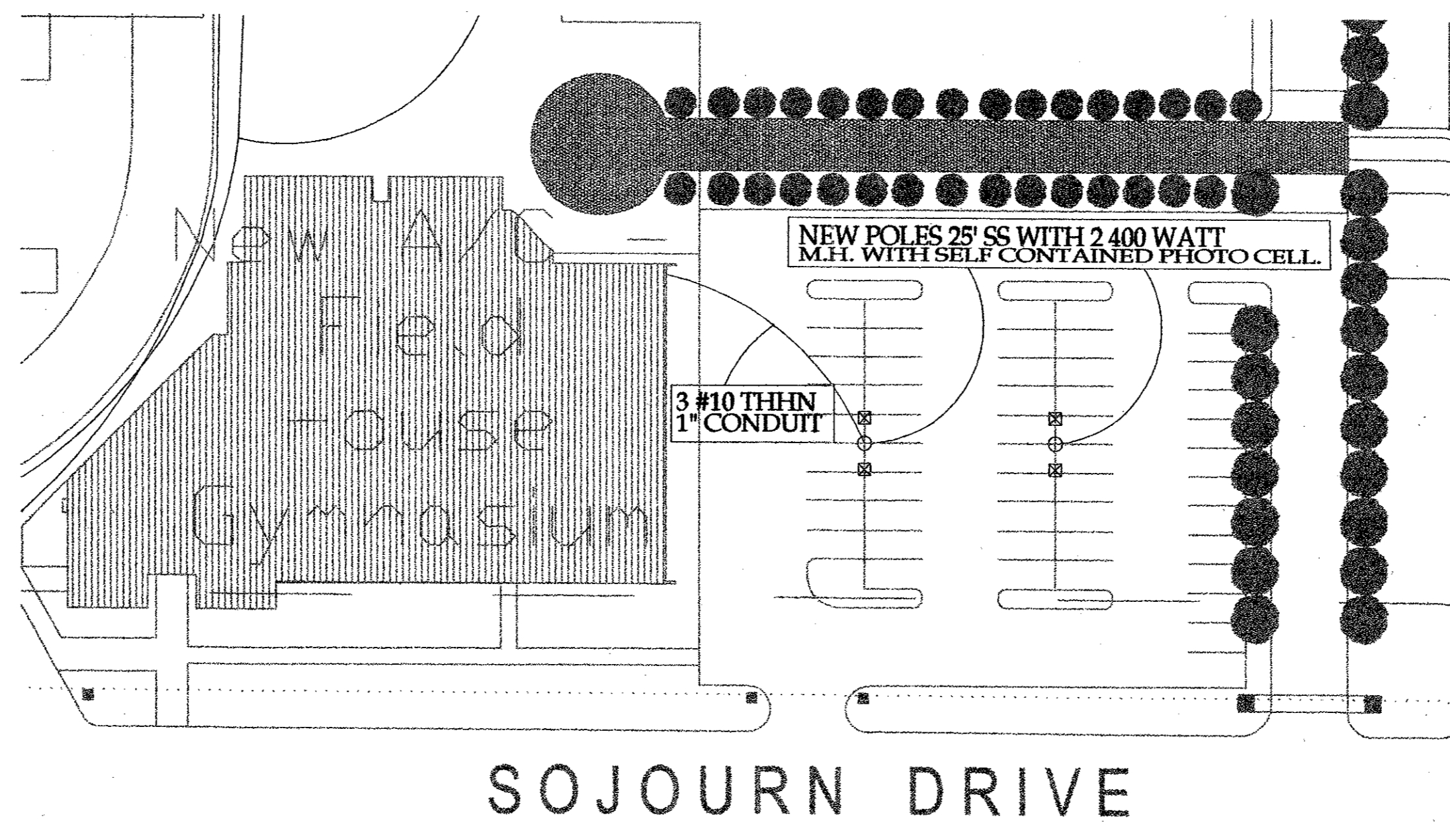


SCALE 1"=40'

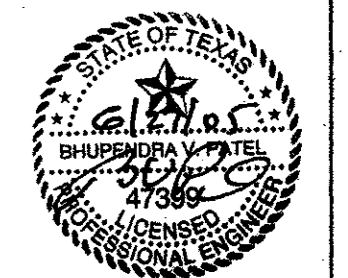
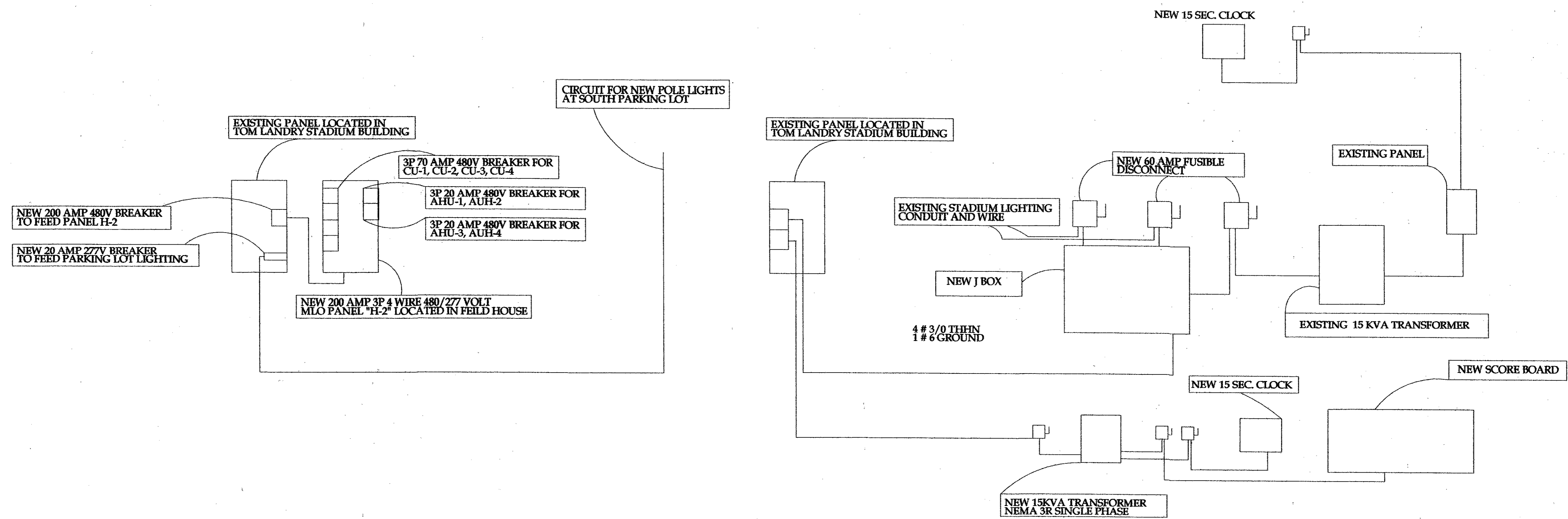


REVISION	DESCRIPTION	DATE	General Contractor: RAYMOND CONSTRUCTION PHONE # 972-980-4404	SCOTT-DEL ELECTRIC	Job Number: 12966
			Architect: Daniel Cook & Associates PHONE # 972 267-2803	T.C.A.	Sheet Number: E-3
			Engineer: NAME PHONE #	1700 ADDISON RD. ADDISON, TX	Date: 05/06/2005

Drawn By: JSF | Checked By:

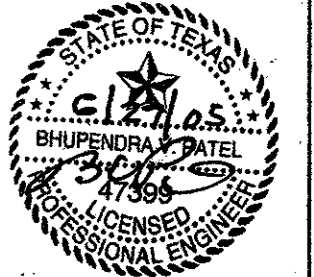
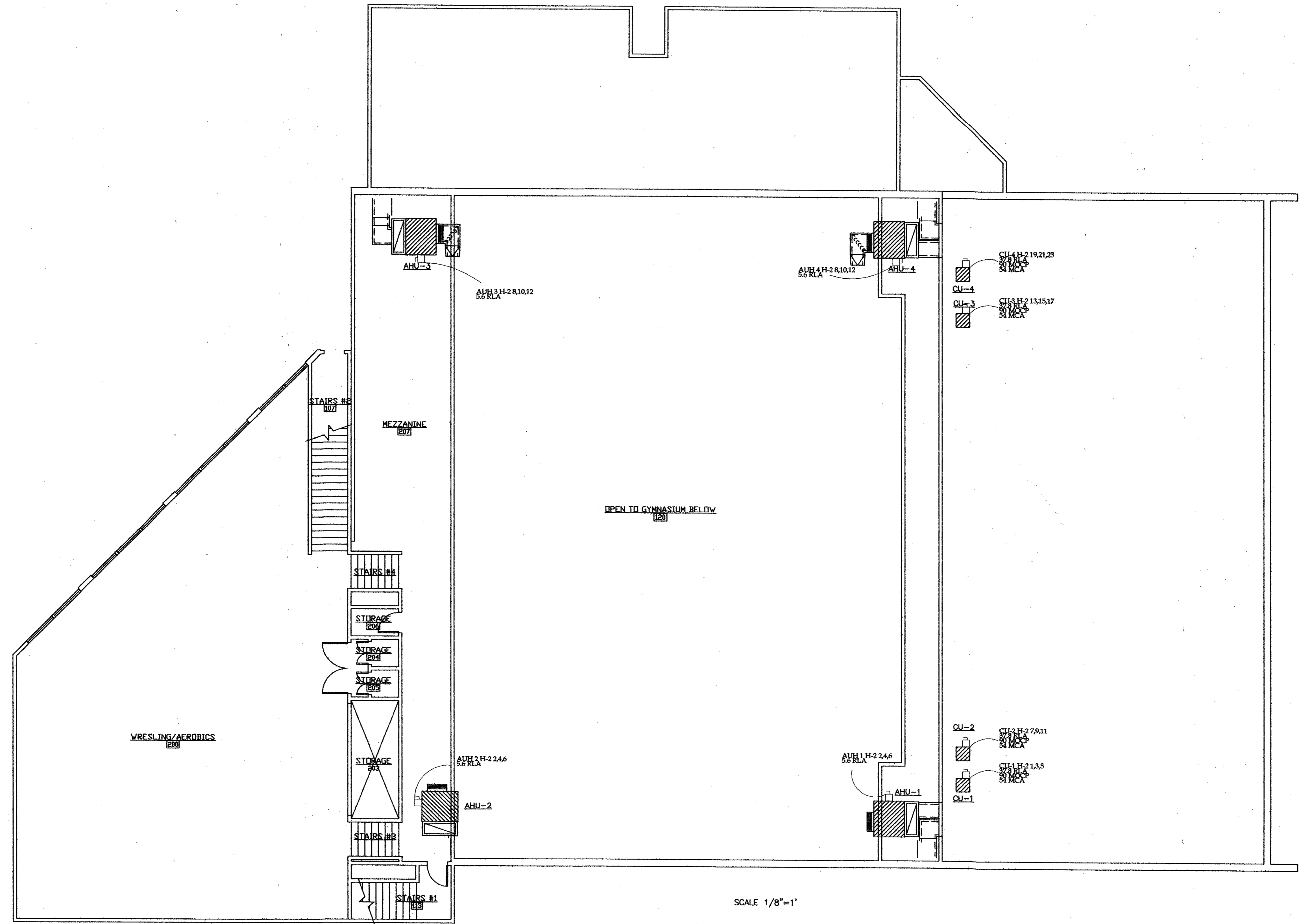


SCALE 1"=40'



REVISION	DESCRIPTION	DATE	General Contractor:	Job Number:
			RAYMOND CONSTRUCTION PHONE # 972-980-4404	12966
			Architect: Daniel Cook & Associates PHONE # 972 267-2803	Sheet Number:
			Engineer: NAME PHONE #	E-4
			1700 ADDISON RD. ADDISON, TX	Date: 05/06/2005

Drawn By: JSF | Checked By:



REVISION	DESCRIPTION	DATE	General Contractor:	Job Number:
			RAYMOND CONSTRUCTION PHONE # 972-980-4404	12966
			Architect:	
			Daniel Cook & Associates PHONE # 972-267-2803	
			Engineer:	
			T.C.A. 1700 ADDISON RD. ADDISON, TX	Sheet Number: E-5
			PHONE #	Date: 05/06/2005

Drawn By: JSF Checked By:

482-6

482-6
 05/05 B13-14
 DCA
 DANIEL COOK ARCHITECT
 17110 NORTH DALLAS PKWY
 SUITE 205
 DALLAS, TEXAS 75248
 PHONE 972-851-2883
 BUILDING GOD'S WAY

Site Development - Phase 1A

TRINITY CHRISTIAN ACADEMY

17001 ADDISON RD.
 ADDISON, TEXAS 75001

NOTE TO ALL CONTRACTORS:
 THE MATERIALS AND LABOR COVERED BY THIS CONTRACT MUST CONFORM WITH THE SAFETY ORDERS OF THE STATE, OSHA, AND THE DIVISION OF WORKER'S COMPENSATION.

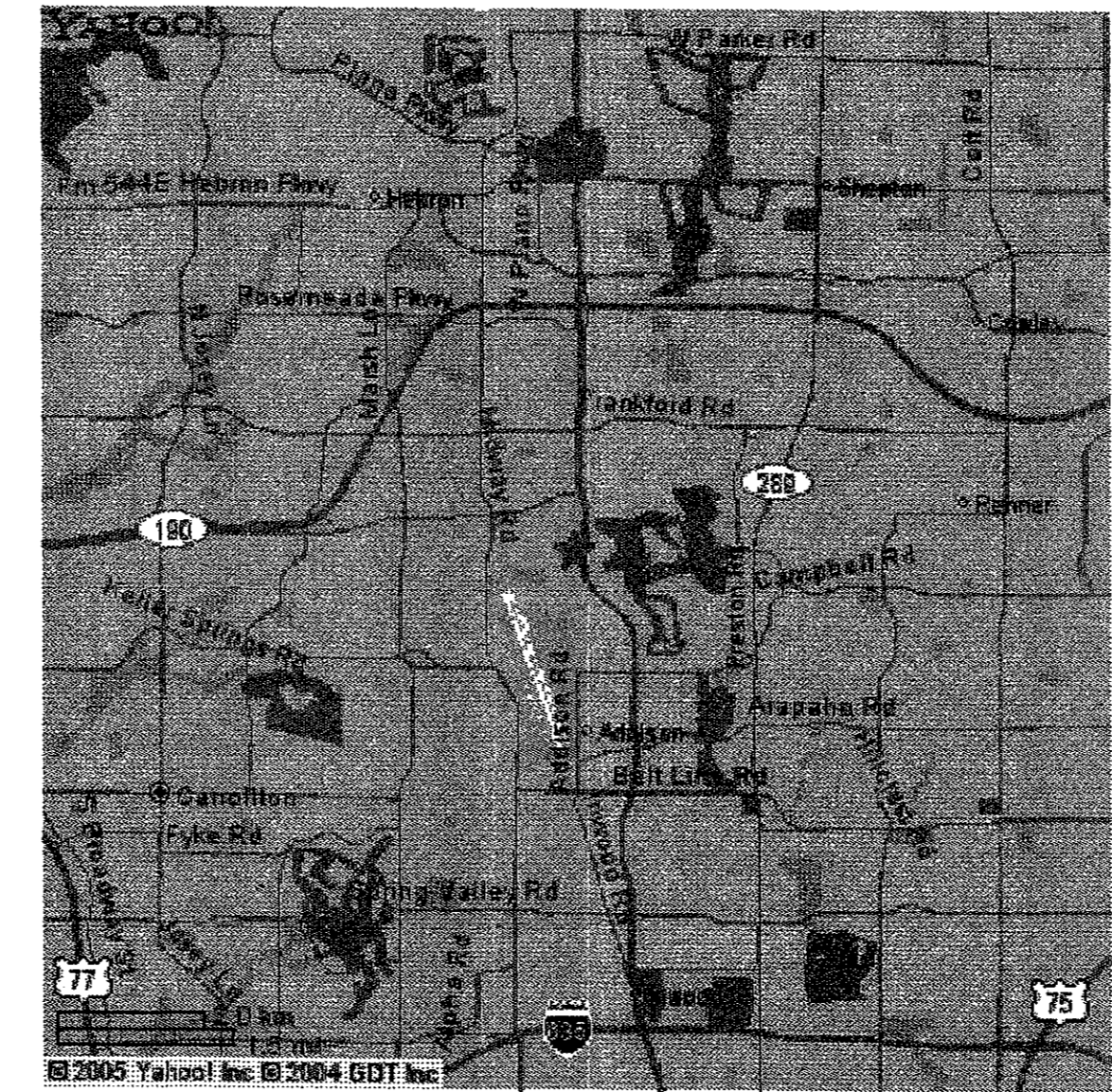
SUBCONTRACTOR RESPONSIBILITY:
 ALL SUBCONTRACTORS SHALL BE RESPONSIBLE FOR MEETING THE REQUIREMENTS OF ALL CURRENT APPLICABLE BUILDING CODES AND ENFORCEMENT AGENCIES. FURTHER, TO MEET THE REQUIREMENTS OF ANY BUILDING DEPARTMENT, FIRE MARSHAL, OR ANY OTHER BUILDING CODE ENFORCEMENT OFFICER AT NO EXTRA COST TO THE OWNER.

SUBCONTRACTORS ARE TO CALL TO THE ATTENTION OF THE ARCHITECT ANY SUCH DEFICIENCIES PRIOR TO THEIR FINAL ESTIMATE ON THE PROJECT. AFTER THAT DATE, NO EXTRA WILL BE ALLOWED IN ORDER FOR THE PARTICULAR ITEM TO BE BROUGHT INTO CODE CONFORMANCE.

RECORD DRAWINGS AND MAINTENANCE MANUALS:
 CONTRACTOR AND MAJOR SUBCONTRACTORS SHALL PROVIDE AND MAINTAIN A COMPLETE AND ACCURATE "AS BUILT" SET OF PRINTS FOR THEIR PARTICULAR TRADE. INDICATE CLEARLY AND CORRECTLY ALL WORK INSTALLED DIFFERENTLY FROM THAT SHOWN ON THE CONTRACT DRAWINGS AND WORK WHICH MAY BE ADDED TO OR DELETED FROM THE CONTRACT. KEEP RECORD DRAWINGS UP TO DATE AS WORK PROGRESSES. LOCATE ALL STUB OUTS, SERVICE OR FEEDER CONDUITS IN OR BELOW SLABS OR GRADE, BY PLAN DIMENSION AND ELEVATION. SHOW INVERT ELEVATIONS AT ALL BREAKS IN GRADE AND PIPE SIZES FOR ALL WATER AND GAS LINES. SHOW ALL MAIN SHUT OFF VALVES PLAINLY. ALL CHANGES ARE TO BE SHOWN ON BLUE PRINTS AND TRANSMITTED TO THE ARCHITECT VIA THE GENERAL CONTRACTOR. GENERAL AND MAJOR SUBCONTRACTORS SHALL PROVIDE TO OWNER A MANUAL OF ALL REQUIRED MAINTENANCE INSTRUCTIONS FOR THIS PRODUCT OR EQUIPMENT ALONG WITH THE SUPPLIER OR SUBCONTRACTOR NAME, ETC. THE RECORD DRAWINGS AND MAINTENANCE MANUALS ARE REQUIRED PRIOR TO FINAL PAYMENT TO THE GENERAL CONTRACTOR OR HIS SUB-CONTRACTORS.

CHANGES IN WORK - NOTE TO ALL CONTRACTORS:
 CONTRACTOR SHALL BEAR ALL RESPONSIBILITY FOR MODIFICATIONS REQUIRED IN ARCHITECTURAL, STRUCTURAL, ELECTRICAL, OR PLUMBING SYSTEMS DUE TO SUBSTITUTION OF EQUIPMENT.

A WORD ABOUT BUILDING GOD'S WAY AND HOW THE CONSTRUCTION IS BEING COMPLETED:
 THIS PROJECT IS BEING COMPLETED WITH DONATED FUNDS AND OFF IN KIND FROM THE CONSTRUCTION COMMUNITY. NATIONAL SUPPLIERS ARE HELPING ON THIS MATTER BY REDUCING THEIR COSTS SIGNIFICANTLY ON MANY OF THE MATERIALS. THESE MATERIALS WILL BE SOLD DIRECTLY TO THE OWNER AND ARE SHOWN IN THIS SET OF DRAWINGS AS SUPPLIED BY OWNER. MANY FIRMS IN THE CONSTRUCTION INDUSTRY ARE HELPING WITH THIS PROJECT BY REDUCING THEIR FEES SUBSTANTIALLY. BY DOING THIS, THESE FIRMS ARE GIVING THIS SCHOOL OR CHURCH A CHANCE TO CONSTRUCT THIS BUILDING WITHIN THE AVAILABLE FUNDS.



VICINITY MAP
 SCALE: NTS
 NORTH

PROJECT TEAM
OWNER
 TRINITY CHRISTIAN ACADEMY
 17001 ADDISON RD
 ADDISON, TEXAS 75001-5096
ARCHITECT
 DANIEL COOK AND ASSOCIATES
 2909 WASHINGTON BLVD.
 OGDEN UTAH 84404
CIVIL ENGINEER
 VILBIG ASSOCIATES
 10132 MONROE DRIVE
 DALLAS, TX 75229
LANDSCAPE ARCHITECT
 Yellow Rose Landscape Services, Inc.
 7755 McCallum Blvd
 Dallas, TX 75222
MECHANICAL/PLUMBING ENGINEER
 VENTURE MECHANICAL
 2222 CENTURY CIRCLE
 IRVING, TX 75062
ELECTRICAL ENGINEER
 SCOTT-DEL ELECTRIC INC.
 PO BOX 29535
 DALLAS, TX 75229
GENERAL CONTRACTOR
 RAYMOND CONSTRUCTION
 4407 NORTH BELTWOOD PARKWAY
 DALLAS, TEXAS 75244

NOTE FOR GENERAL, MECHANICAL, ELECTRICAL, PLUMBING AND ALL OTHER SUBCONTRACTORS:
 ALL CONTRACTORS ARE REQUIRED TO REVIEW ALL SHEETS OF THESE DRAWINGS AND ALL SECTIONS OF THE PROJECT MANUAL AND INCLUDE THEIR PROVISIONS IN THEIR ESTIMATE. THIS SHALL INCLUDE THIS COVER SHEET, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL.

ABBREVIATIONS			
A.F.F.	ABOVE FINISHED FLOOR	MFR	MANUFACTURER
B.M.C.	BUTLER MANUFACTURING CO.	MIN	MINIMUM
B.O.	BOTTOM OF	N.T.S.	NOT TO SCALE
B.O.B.	BOTTOM OF BEAM	O.C.	ON CENTER
C	CONCRETE	R	REFERENCE
COL	COLUMN	REF	REFERENCE
EL	ELEVATION	SM	SIMILAR
E.O.S.	EDGE OF SLAB	S	SLAB LINE
E.W.C.	ELECTRIC WATER COOLER	T.O.	TOP OF
F.F.	FINISHED FLOOR	T.O.B.	TOP OF BEAM
F.F. EL	FINISHED FLOOR ELEVATION	T.O.F.F.	TOP OF FINISHED FLOOR
F.A.C.B.	FULL HEIGHT CIP BOARD	T.O.S.	TOP OF SLAB
F.R.P.	FIRE RESISTANT PANEL	T.S.	TUBE STEEL
GA	GAUGE	TYP	TYPICAL
G.C.	GENERAL CONTRACTOR	VERT	VERTICAL
OPB	OPPOSITE BOARD	W.C.	WATER CLOSET
HORIZ	HORIZONTAL	W/	WITH
INSUL	INSULATION	W/O	WITHOUT
MAX	MAXIMUM		
M.D.P.	MAIN DISTRIBUTION PANEL		

2909 S. Washington Blvd. - Ogden, Utah 84401
 www.BuildingGodsWay.com
 Phone: 800-552-7137 - Fax: 801-622-8812
 Email: dca@dcagroup.com

SYMBOL SCHEDULE	
(1) DETAIL AT 1/4" SCALE	DETAIL IDENTIFIER
(1) AT 1/4"	ELEVATION IDENTIFIER
(A) AT 1/4"	CROSS SECTION ID W/CUT LINE
(NORTH)	NORTH ARROW
(T.O.F.F. 100'-0")	ELEVATION MARK
(0)	GRID IDENTIFIER
(1)	WALL FRAMING KEY
(101A)	DOOR IDENTIFIER
(W1)	WINDOW IDENTIFIER
(101)	ROOM IDENTIFIER
(A)	ADDENDUM/REVISION IDENTIFIER
(K)	KEYED NOTE
(FK BA 101 12.3)	ROOM FINISH KEY

SHEET INDEX	
G001	COVER SHEET
C1.0	GENERAL NOTES & LEGEND
C2.0	NORTH LOT GRADING PLAN
C2.1	SOUTH LOT GRADING PLAN
C5.0	PAVING NOTES & DETAILS
A-01	FLOOR PLANS
M-1	MECHANICAL PLANS
M-2	MECHANICAL SPECIFICATIONS & SCHEDULES
E-1	ELECTRICAL ORIENTATION PLAN W/ PHOTOMETRICS
E-2	SOUTH LOT & STADIUM ELECTRICAL PLAN
E-3	NORTH LOT ELECTRICAL PLAN
E-4	ELECTRICAL ONE LINE SCHEMATICS
E-5	FIELD HOUSE ELECTRICAL PLAN

TRINITY CHRISTIAN ACADEMY
 17001 ADDISON ROAD
 ADDISON, TX 75001-5096

NO.	DATE	DESCRIPTION	ISSUE
1	05-15-05	ORIGINAL ISSUE	

Current Revision
 Current Issue Date
 05-15-05
 Original Issue Date
 05-15-05
 Architect
 Joe Beck
 Drafter
 Dano

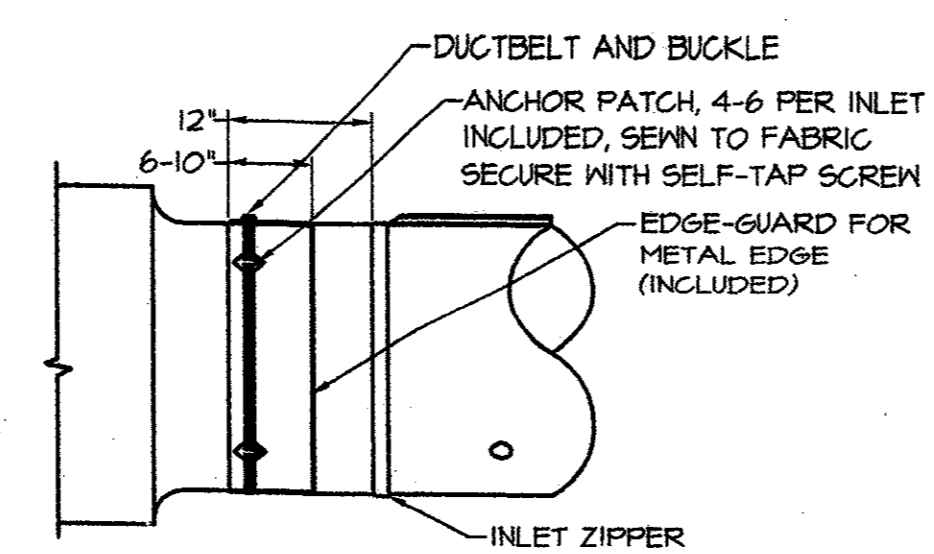
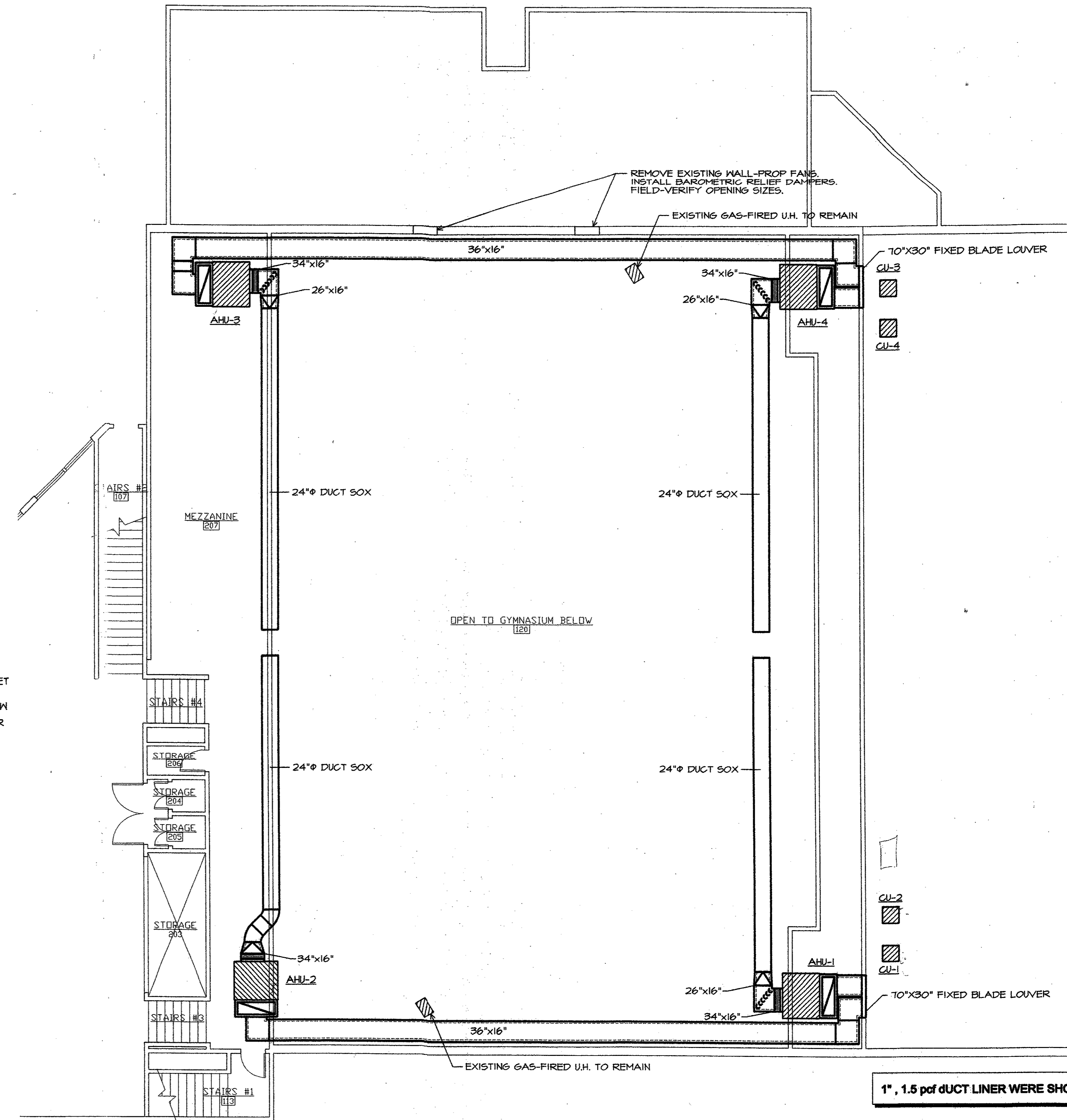
COVER SHEET

PROJECT AS081
G001

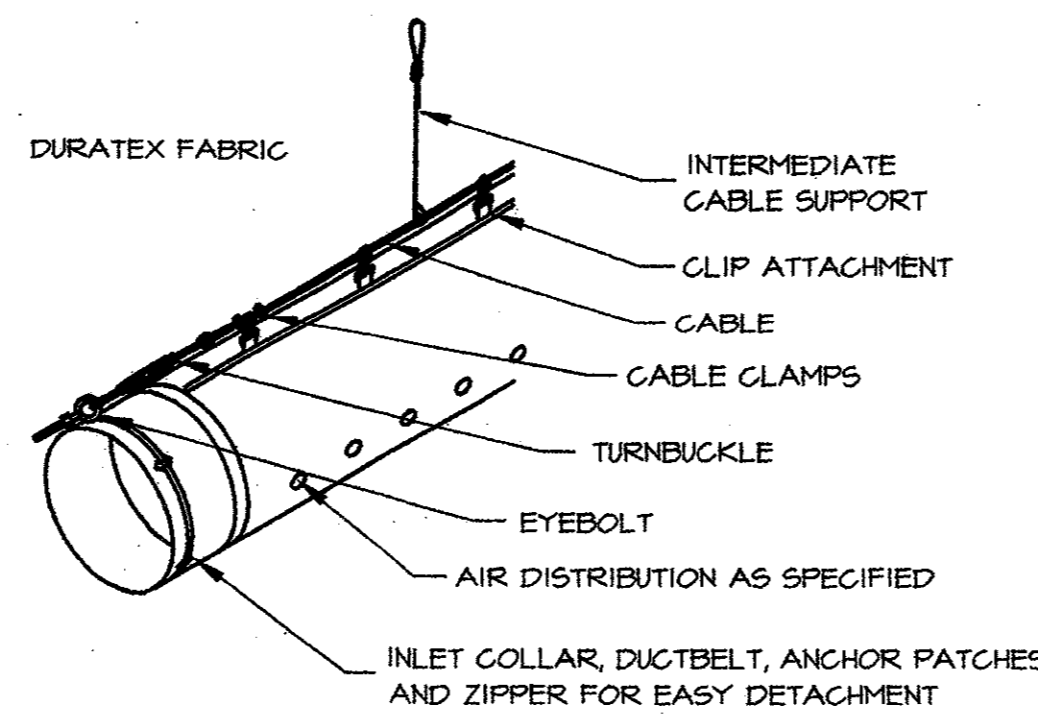
DO NOT SCALE DRAWINGS!

TCA PARKING LOT ON SOUTH

B13-14



INLET ATTACHMENT DETAIL
DURATEX TYPE WITH ZIPPER AND OVERLAP



SUSPENSION DETAIL
1 ROW CABLE SUSPENSION AT 12 O'CLOCK

01 SECOND FLOOR PLAN - HVAC
SCALE: 1/8"=1'-0"



REVISION	DESCRIPTION	DATE	VENTURE MECHANICAL, INC.		Job Number:
			TRINITY ATHLETIC CENTER		---
			ADDISON, TX		Sheet Number:
			Drawn By: GCS	Checked By:	M-1
			Date: 5-16-05		

