

SEE SHEET 4 OF 22 FOR THE IMPROVEMENTS ALONG MEXICO ROAD AND FOR THE OFF-SITE (SCHRADER FARM ESTATES) DETENTION BASIN.

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THEREFORE, THE RELATIONSHIP BETWEEN PROPOSED WORK AND EXISTING FACILITIES, STRUCTURES AND UTILITIES MUST BE CONSIDERED APPROXIMATE AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXACT LOCATION AND THE EXISTENCE OF ANY NOT SHOWN.
 (ALL UTILITIES SHALL BE LOCATED BOTH HORIZONTALLY AND VERTICALLY TO VERIFY CLEARANCE/COVER OF ANY PROPOSED GRADING, SEWERS, FOOTINGS, ETC. PRIOR TO CONSTRUCTION. UTILITY COMPANY REPRESENTATIVES SHALL BE ON SITE DURING SUCH TIMES THAT EXCAVATION IS TAKING PLACE IN THE VICINITY OF THEIR FACILITIES.)

ESTIMATE OF EARTHWORK
 BULK CUT (To Subgrade) 148,400 Cu. Yd.
 BULK FILL (To Subgrade, Assumed Shrinkage Factor Of 12%) 130,500 Cu. Yd.
 THE ENGINEER HAS CALCULATED THE ABOVE QUANTITIES OF EARTHWORK, TO BE REGARDED AS AN ESTIMATE OF THE BULK MOVEMENT AND REDISTRIBUTION OF SOILS ON THE SITE, AS AN ESTIMATE. THESE QUANTITIES ARE INTENDED FOR GENERAL USE, AND THE ENGINEER ASSUMES NO LIABILITY FOR COST OVERRUNS DUE TO EXCESS EXCAVATED MATERIALS OR SHORTAGES OF FILL.
 THE ESTIMATED QUANTITIES ARE BASED UPON THE HORIZONTAL AND VERTICAL LOCATIONS OF THE IMPROVEMENTS AS PROPOSED ON THE SITE ENGINEERING PLANS.
 THE ENGINEER'S EARTHWORK ESTIMATE INCLUDES ONLY THE BULK CUT AND FILL LISTED ABOVE. UNLISTED ITEMS REQUIRING EARTHWORK, NECESSARY FOR COMPLETION OF THE PROJECT INCLUDE, BUT ARE NOT LIMITED TO: REMOVAL/REPLACEMENT OF ANY "UNSUITABLE" EXISTING FILL MATERIAL, MISCELLANEOUS UNDERGROUND CONDUITS, INCLUDING SEWER LINES AND WATER MAINS, ELECTRICAL, GAS, AND TELEPHONE LINES; MANHOLES; BASES FOR LIGHT STANDARDS; BUILDING FOOTINGS AND FOUNDATIONS; VERTICAL CONCRETE CURBS; ETC.

STORM SEWER STRUCTURES		
NO. & TYPE	LOCATION	
1	F.E.S.	55+05.50, 31' RT. MEXICO RD. (FUTURE LOCATION OF INLET #1)
2	M.H.	IN ISLAND OF FUTURE CHURCH PARKING
3	M.H.	BACK OF LOTS 29 & 30
4	A.I.	BACK OF LOTS 3 & 4
5	M.H.	FRONT OF LOTS 3 & 4
6	S.C.I.	2+62.00, 17' RT. STREET "E"
7	S.C.I.	8+87.29, 17' RT. PRENTICE DRIVE
8	S.C.I.	8+87.29, 17' LT. PRENTICE DRIVE
9	A.I.	BACK OF LOTS 63 & 64
10	A.I.	BACK OF LOT 64
11	S.C.I.	9+30.74, 17' RT. STREET "C"
12	D.C.I.	3+61.69, 17' RT. STREET "E"
13	F.E.S.	DISCHARGE FROM BASIN # 2
14	M.H.	BACK OF LOT 40
15	F.E.S.	DETENTION BASIN STRUCTURE (BASIN # 2)
16	F.E.S.	INFLOW TO DETENTION BASIN #2
17	A.I.	BACK OF LOT 40 & 41
18	S.C.I.	1+94.00, 17' LT. STREET "C"
19	S.C.I.	2+58.81, 17' RT. STREET "C"
20	A.I.	BACK OF LOTS 20
21	S.C.I.	6+16.90, 17' RT. OAK KNOLL DRIVE
22	S.C.I.	6+16.90, 17' RT. OAK KNOLL DRIVE
23	S.C.I.	6+67.00, 17' RT. OAK KNOLL DRIVE
24	A.I.	BACK OF LOTS 24 & 25
25	D.C.I.	2+58.81, 17' LT. STREET "C"
26	S.C.I.	16+50.88, 17' RT. PRENTICE DRIVE
27	D.C.I.	16+50.88, 17' LT. PRENTICE DRIVE
28	A.I.	BACK OF LOT 38
29	A.I.	BACK OF LOT 37
30	F.E.S.	CREEK IN BACK OF LOTS 49 & 50
31	M.H.	BACK OF LOTS 49 & 50
32	S.C.I.	3+00.00, 17' LT. OAK FOREST DRIVE
33	S.C.I.	5+61.95, 17' RT. OAK FOREST DRIVE
34	S.C.I.	2+15.00, 17' LT. OAK FOREST DRIVE
35	S.C.I.	2+15.00, 17' RT. OAK FOREST DRIVE
36	A.I.	BACK OF LOT 52
37	D.C.I.	20+11.00, 17' LT. PRENTICE DRIVE
38	D.C.I.	20+11.00, 17' RT. PRENTICE DRIVE
39	F.E.S.	DETENTION BASIN STRUCTURE (BASIN #1)
40	F.E.S.	INFLOW TO DETENTION BASIN #1
41	A.I.	58+17.50, 44.5' LT. MEXICO ROAD
42	S.C.I.	58+35.00, 29.75' LT. MEXICO ROAD (FUTURE STRUCTURE #2)
43	S.C.I.	58+35.00, 29.75' LT. MEXICO ROAD (FUTURE STRUCTURE #3)
44	S.C.I.	1+57.00, 17' LT. PRENTICE DRIVE
45	S.C.I.	1+57.00, 17' RT. PRENTICE DRIVE
46	S.C.I.	SILTATION BASIN STRUCTURE

LEGEND
 F.E.S. FLARED END SECTION
 M.H. MANHOLE
 A.I. AREA INLET
 S.C.I. SINGLE CURB INLET
 D.C.I. DOUBLE CURB INLET

BENCHMARK
 R.R. SPIKE IN P.P.
 ELEV. 561.79



N 67°49'30"E
 42.52'
 CARL D. & KATHLEEN LASK 791/463
 UNINCORPORATED
 ST. CHARLES COUNTY

TEMPORARY BENCHMARK
 R.R. SPIKE IN POWER POLE 18' N. OF
 CENTERLINE/CENTERLINE MEXICO ROAD
 AND KNAUST ROAD ELEV. 561.79

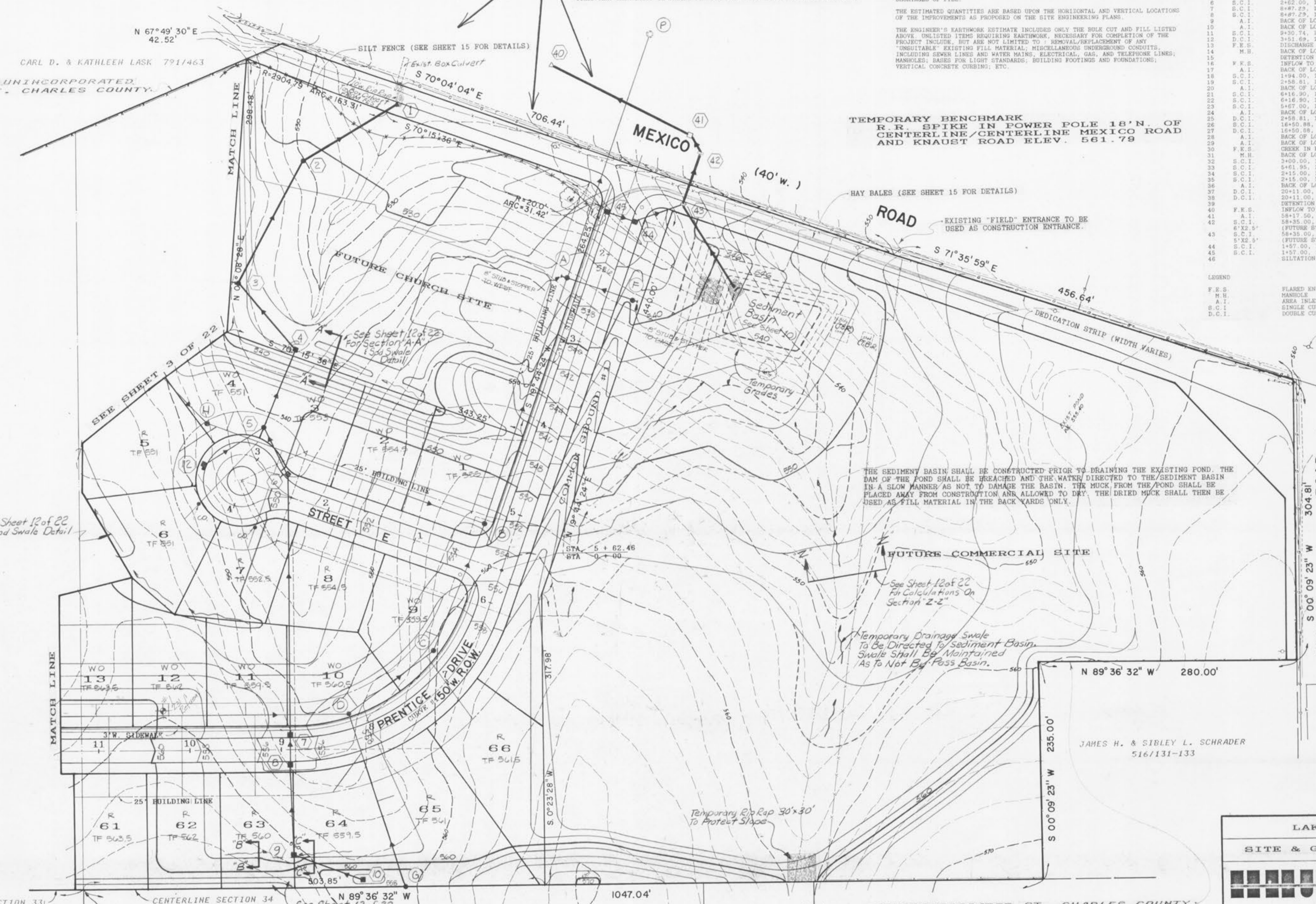
HAY BALES (SEE SHEET 15 FOR DETAILS)

EXISTING "FIELD" ENTRANCE TO BE
 USED AS CONSTRUCTION ENTRANCE.

THE SEDIMENT BASIN SHALL BE CONSTRUCTED PRIOR TO DRAINING THE EXISTING POND. THE DAM OF THE POND SHALL BE BREACHED AND THE WATER DIRECTED TO THE SEDIMENT BASIN IN A SLOW MANNER AS NOT TO DAMAGE THE BASIN. THE MUCK FROM THE POND SHALL BE PLACED AWAY FROM CONSTRUCTION AND ALLOWED TO DRY. THE DRIED MUCK SHALL THEN BE USED AS FILL MATERIAL IN THE BACK YARDS ONLY.

Temporary Drainage Swale
 To Be Directed To Sediment Basin.
 Swale Shall Be Maintained
 As To Not By-Pass Basin.

Temporary Rip Rap 30'x30'
 To Protect Slope



JAMES H. & SIBLEY L. SCHRADER
 516/131-133

GEORGE C. KARR, JR. & LUCILLE L. KARR 892/1808
 CITY OF O'FALLON
 CITY LIMITS

ROBERT L. & HARY LOU JUNG 621/252 & 668/930

LAKEVIEW
SITE & GRADING PLANS

HALL, HALSEY & WIND
 LAND PLANNING
 CIVIL ENGINEERING
 LANDSCAPE ARCHITECTURE

10820 SUNSET OFFICE DRIVE, SUITE 208, ST. LOUIS, MO 63127 - 314/966-5577

Drawn By VLB	Checked By DCW	Project Number 86025	Sheet Number 2 OF 22
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