

NOTES:

- MINIMUM DRAINAGE PIPE COVER IS 12" FROM TOP OF RIGID PAVEMENT PER MANUFACTURES REQUIREMENTS. WRAP JOINTS WITH FABRIC AND LAP 36". CONCRETE PIPE SHALL BE USED EVERYWHERE POSSIBLE. HOWEVER, A-2000 PVC DRAIN PIPE MAY BE SUBSTITUTED AS LONG AS 12" OF COVER CAN BE MAINTAINED AS APPROVED BY ST. CHARLES PARISH.
- ALL CATCH BASINS SHALL BE TYPE (3) THREE WITHIN CURBS SEE "DRAINAGE STANDARD DETAILS" SHEET. ALL DRAIN BASINS OUTSIDE OF CURB SYSTEM SHALL BE A "DROP INLET" TYPE AS SHOWN ON "DROP INLET DETAILS" SHEET. TOP CASTINGS OF ALL DRAIN BASINS SHALL BE FIELD ADJUSTED TO ALLOW POSITIVE DRAINAGE. PLACE DRAIN BASIN INLETS 4" BELOW TOP OF CURB EVERYWHERE POSSIBLE.
- ALL TRAFFIC AND STREET SIGNS TO BE FIELD PLACED PER ST. CHARLES PARISH PUBLIC WORKS.
- ALL OCCUPIED STRUCTURE SIABS TO BE AT ELEVATIONS ESTABLISHED BY FEMA, OR HIGHER, PER OWNERS SURVEYOR. THIS AREA IS WITHIN FLOOD ZONE AEA.
- ALL STRUCTURE SIABS SHALL BE AT ELEVATION 4.5 OR 18" ABOVE STREET CENTERLINE, WHICHEVER IS HIGHER.
- OFFSET DRAINAGE PIPES TO AVOID LAYING PIPE ON PROPERTY LINES USING DRAIN BASINS AS REQUIRED.
- Ø ** STOP SIGN PER ST. CHARLES PARISH
- Ø *** 25 M.P.H. SPEED LIMIT SIGN
- ALL SIDEWALKS ARE TO SLOPE TO STREET AT ALL INTERSECTIONS WHERE APPLICABLE USING ADA MINIMUM SLOPE (.2% MAX SIDE SLOPE).
- REFER TO TYPICAL STREET SECTION SHEET FOR PLACEMENT LOCATION OF SIDEWALKS. SIDEWALKS TO BE SLOPED TO DRAIN TO STREET WITH NOT MORE THAN .2% SIDE SLOPE. PLACE SIDEWALK ELEVATION A MINIMUM OF 4" ABOVE CURB HEIGHT (TYP.)
- ALL CROSS PIPES DRAINING INTO TYPE III CATCH BASINS SHALL BE 18" MINIMUM, UNLESS SPECIFIED OTHERWISE.
- ALL REAR YARDS SHALL BE SLOPED TO DRAIN TOWARDS THE STREET CURB (TYPICAL).
- [0.00] DENOTES TYPICAL PROPOSED ELEVATION
- CONTRACTOR TO EXCAVATE BENEATH ROADWAY (PLUS 2' EACH SIDE, 31" WIDTH) UNTIL REACHING THE STIFF CLAY LAYER OR A MINIMUM OF 24". WHICHEVER IS GREATER, WHERE ROADWAY CROSSES EXISTING DRAINS, CONTRACTOR SHALL MUCK OUT A MINIMUM OF 4' X DITCH WIDTH AND REPLACE WITH FABRIC AND COMPACTED SAND TO COMPACT AND GRADE AS REQUIRED. KEEP TRAFFIC OFF THE BASE FOR 72 HRS. REPAIR ANY SECTION THAT FAILS DURING PAVING OPERATIONS WITH CRUSHED STONE OR COMPACTED SAND.
- ALL SUBGRADE MATERIAL WHICH WILL NOT SATISFACTORILY COMPACT SHALL BE REMOVED AND REPLACED WITH MATERIAL THAT WILL COMPACT SATISFACTORILY. TOP LAYERS SHALL BE COMPACTED TO 97% STANDARD PROCTOR. WHERE THE SUBGRADE IS OF NON-UNIFORM COMPOSITION, IT SHALL BE SCARIFIED TO A DEPTH OF 6" FOR ITS FULL WIDTH AND THE MATERIAL SPREAD AND BROUGHT TO LINE AND GRADE AND COMPACTED AS SPECIFIED ABOVE.

LEGEND

	DRAINAGE FLOW ARROW
	HEADWALL
	DRAINAGE PIPE
	FINAL PAVEMENT GRADE
	SERVITUDE LINE
	DITCH SECTION SYMBOL
	DRAIN MANHOLE
	DRAINAGE SWALE
	ROADWAY BARRICADE (TYP. 2)
	DRAIN BASIN, SEE DROP INLET DETAIL SHEET
	TYPE 3 CATCH BASIN (TYPICAL)

LAKEWOOD RIDGE SUBDIVISION

ST. CHARLES PARISH, LOUISIANA

MASTER PAVING AND DRAINAGE PLAN

DANNY J. HEBERT, P.E.

LICENSED CIVIL AND ENVIRONMENTAL ENGINEER

P.O. BOX 1528 LULING, LOUISIANA 70070

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DATE: 03/15/04 PLOT SCALE: 1" = 100' DRAWING NO. 4 OF 19

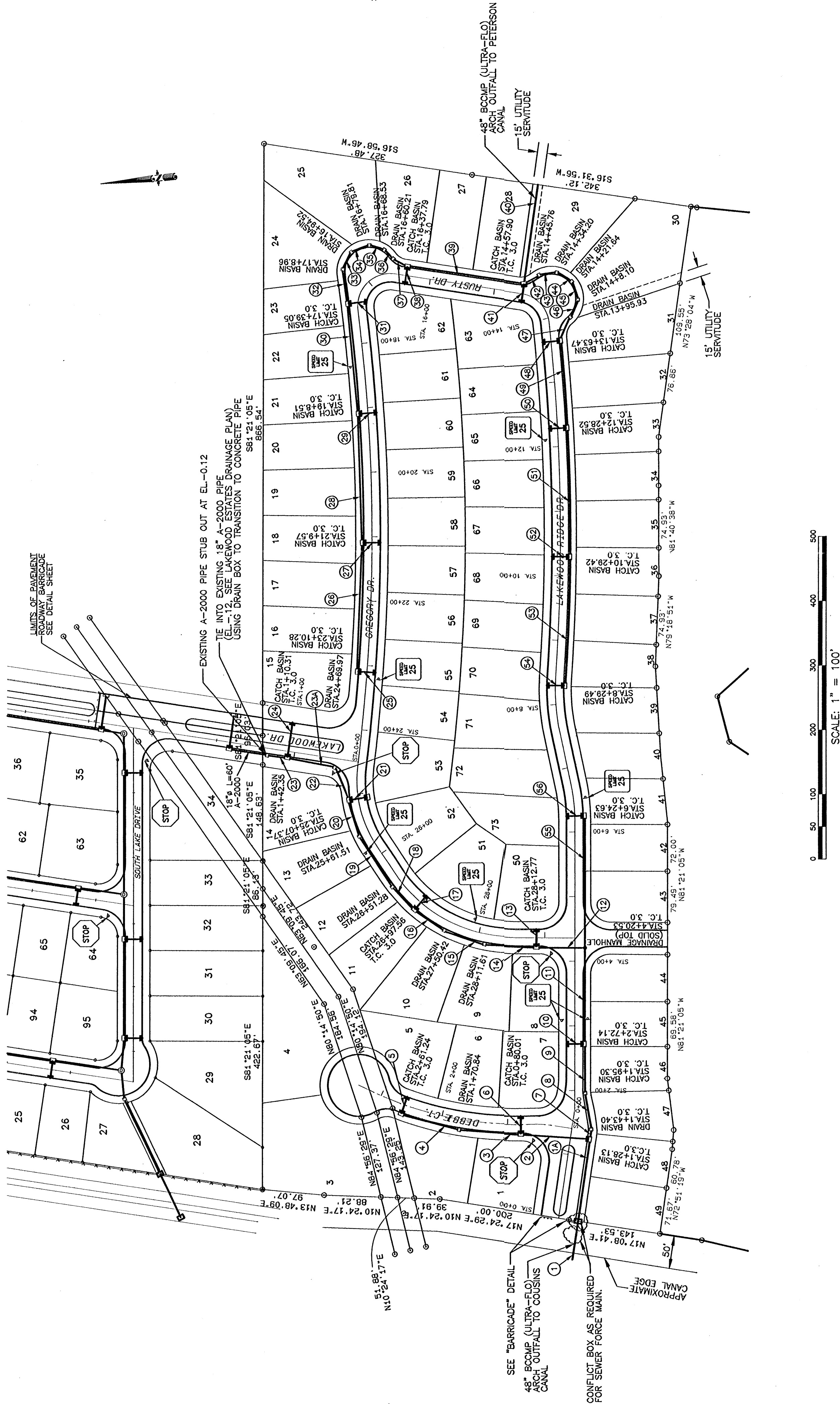
DESIGNED BY: DRAWN BY: I.S.B. CHECKED BY: D.J.H.

NOTE:
FIELD ADJUST LIGHT STANDARDS
TO AVOID UTILITY CONFLICTS

5/16/05	REVISED PARK R/W LOCATION PER SCP
4/5/05	REVISED PER SCP
5/6/04	REVISED PIPE SIZES
DATE	DESCRIPTION
	REVISIONS

PIPE No.	PIPE SIZE	LENGTH	SLOPE	INVERT HIGH	INVERT LOW
1	48" BCOMP	60'	.2%	-2.74	-2.86
1A	36" RCP	128'	.2%	-2.74	-2.74
2	24" RCP	106'	.2%	-0.49	-0.70
3	21" RCP	93'	.2%	-0.31	-0.49
4	21" RCP	93'	.2%	-0.12	-0.31
5	18" RCP	27'	.2%	-0.07	-0.12
6	18" RCP	27'	.2%	-0.44	-0.49
7	30" RCP	15'	.2%	-2.45	-2.48
8	30" RCP	56'	.2%	-2.34	-2.45
9	30" RCP	76'	.2%	-2.19	-2.34
10	30" RCP	27'	.2%	-0.07	-0.12
11	30" RCP	148'	.2%	-1.89	-2.19
12	24" RCP	73'	.2%	-1.74	-1.89
13	18" RCP	27'	.2%	-0.07	-0.12
14	24" RCP	78'	.2%	-1.59	-1.74
15	24" RCP	65'	.2%	-1.46	-1.59
16	24" RCP	56'	.2%	-1.35	-1.46
17	18" RCP	27'	.2%	-0.07	-0.12
18	21" RCP	49'	.2%	-1.25	-1.35
19	21" RCP	93'	.2%	-1.06	-1.25
20	21" RCP	58'	.2%	-0.95	-1.06
21	18" RCP	27'	.2%	-0.07	-0.12
22	18" RCP	54'	.2%	-0.84	-0.95
23	18" RCP	32'	1.75%	-0.12	-0.69
23A	18" RCP	75'	.2%	-0.69	-0.84
24	18" RCP	54'	.2%	-0.58	-0.69
25	18" RCP	27'	.2%	-0.07	-0.12
26	18" RCP	200'	.2%	-0.12	-0.52
27	18" RCP	27'	.2%	-0.47	-0.52
28	21" RCP	200'	.2%	-0.52	-0.92
29	18" RCP	27'	.2%	-0.87	-0.92
30	24" RCP	171'	.2%	-0.92	-1.26
31	18" RCP	27'	.2%	-1.21	-1.26
32	27" RCP	53'	.2%	-1.26	-1.37
33	27" RCP	30'	.2%	-1.37	-1.43
34	27" RCP	30'	.2%	-1.43	-1.49
35	27" RCP	24'	.2%	-1.49	-1.53
36	27" RCP	19'	.2%	-1.53	-1.57
37	27" RCP	25'	.2%	-1.57	-1.62
38	18" RCP	27'	.2%	-1.57	-1.62
39	30" RCP	179'	.2%	-1.62	-1.98
40	48" BCOMP	156'	.2%	-2.59	-2.80
41	18" RCP	27'	.2%	-1.54	-1.59
42	27" RCP	26'	.2%	-1.54	-1.59
43	27" RCP	27'	.2%	-1.48	-1.54
44	27" RCP	27'	.2%	-1.43	-1.48
45	27" RCP	29'	.2%	-1.37	-1.43
46	27" RCP	29'	.2%	-1.31	-1.37
47	27" RCP	39'	.2%	-1.24	-1.31
48	18" RCP	27'	.2%	-1.18	-1.24
49	24" RCP	135'	.2%	-0.97	-1.24
50	18" RCP	27'	.2%	-0.92	-0.97
51	21" RCP	200'	.2%	-0.57	-0.97
52	18" RCP	27'	.2%	-0.52	-0.57
53	18" RCP	200'	.2%	-0.17	-0.57
54	18" RCP	27'	.2%	-0.12	-0.17
55	18" RCP	204'	.2%	-0.12	-0.53
56	18" RCP	27'	.2%	-0.07	-0.12

* BITUMINOUS COATED CORRUGATED METAL PIPE ARCH USING ULTRA-FLO. DRAIN PIPE WITH N=.011.



Call before you dig. 1-800-272-3030

Note: "Prior to construction, the contractor will verify all utilities." If a conflict exists, notify the project engineer/architect.