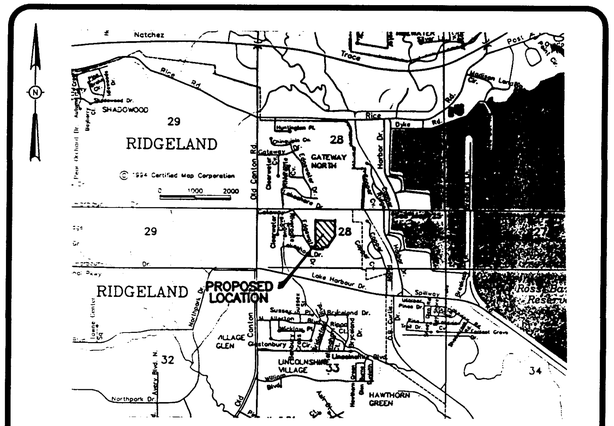
RECORD DRAWINGS

FOR

HIGHLAND COVE, PHASES II & III



VICINITY MAP

DRAWING INDEX

DRAWING NO. HCCVR

PWP 00832

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

DEVELOPER

E & A ASSOCIATES, INC.

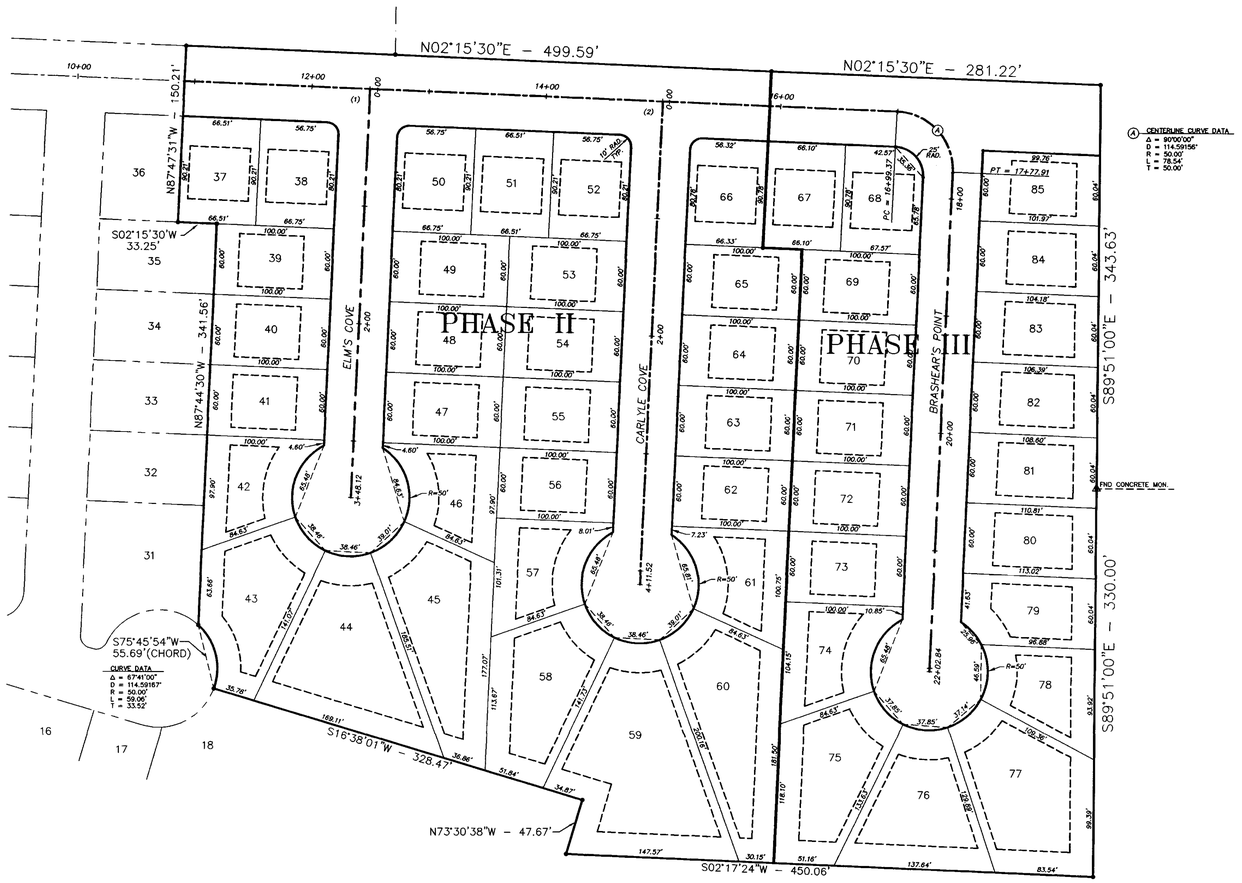
LOCATION

SITUATED IN THE EAST 1/2 OF THE SW 1/4 AND THE WEST 1/2 OF THE SE 1/4 SECTION 28, TOWNSHIP 7 NORTH, RANGE 2 EAST CITY OF RIDGELAND, MADISON COUNTY, MISSISSIPPI

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
SCALE:
BOOK: PAGE:
PROJECT NO.: 96-035

SHEET 1



DRAWING NO. HCSEO

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

PROJECT
HIGHLAND COVE SUBDIVISION, PHASES II & III

DESCRIPTION
GEOMETRIC LAYOUT

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
SCALE: 1"=60'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
2

DRAINAGE STRUCTURE SCHEDULE

DBL CURB INLET NO. 1
15.50 LT OF
STA. 12+13
D.A.= 0.42ac
TC= 6.5
I= 11.21
Q= 3.5

DBL CURB INLET NO. 2
15.50 RT OF
STA. 12+13
D.A.= 0.14ac
E.D.A.= 0.56ac
TC= 6.5
I= 11.21
Q= 4.7

CURB INLET NO. 3
15.50 RT OF
STA. 0+38
D.A.= 0.19ac
E.D.A.= 0.75ac
TC= 8.7
I= 11.10
Q= 6.2

CURB INLET NO. 4
15.50 RT OF
STA. 1+20
D.A.= 0.07ac
E.D.A.= 1.00ac
TC= 7.7
I= 10.55
Q= 7.9

CURB INLET NO. 5
15.50 LT OF
STA. 1+280
D.A.= 0.07ac
TC= 5.0
I= 12.19
Q= 0.6

DBL CURB INLET NO. 6
15.50 RT OF
STA. 3+00
D.A.= 0.40ac
E.D.A.= 1.68ac
TC= 9.6
I= 9.68
Q= 12.2

DBL CURB INLET NO. 7
15.50 LT OF
STA. 3+00
D.A.= 0.10ac
TC= 7.3
I= 10.76
Q= 0.8

DBL CURB INLET NO. 8
15.50 RT OF
STA. 3+82
D.A.= 0.33ac
E.D.A.= 2.01ac
TC= 10.1
I= 9.47
Q= 14.3

DBL CURB INLET NO. 9
15.50 LT OF
STA. 14+63
D.A.= 0.29ac
TC= 6.0
I= 11.52
Q= 2.5

DBL CURB INLET NO. 10
15.50 RT OF
STA. 14+63
D.A.= 0.14ac
E.D.A.= 0.53ac
TC= 6.0
I= 11.52
Q= 4.6

CURB INLET NO. 11
15.50 RT OF
STA. 0+38
D.A.= 0.25ac
E.D.A.= 0.78ac
TC= 6.6
I= 11.15
Q= 4.6

CURB INLET NO. 12
15.50 RT OF
STA. 1+80
D.A.= 0.29ac
E.D.A.= 1.46ac
TC= 8.0
I= 10.40
Q= 11.4

CURB INLET NO. 13
15.50 LT OF
STA. 1+80
D.A.= 0.06ac
TC= 6.6
I= 11.15
Q= 0.5

DBL CURB INLET NO. 14
15.50 RT OF
STA. 3+680
D.A.= 0.441ac
TC= 9.5
I= 9.72
Q= 17.3

DBL CURB INLET NO. 15
15.50 LT OF
STA. 3+60
D.A.= 0.08ac
TC= 7.3
I= 10.76
Q= 0.6

DBL CURB INLET NO. 16
15.50 RT OF
STA. 4+46
D.A.= 0.29ac
E.D.A.= 2.66ac
TC= 10.0
I= 9.51
Q= 19.0

DBL CURB INLET NO. 17
15.50 LT OF
STA. 15+98
D.A.= 0.13ac
TC= 5.9
I= 11.38
Q= 1.1

DBL CURB INLET NO. 18
15.50 RT OF
STA. 16+98
D.A.= 0.11ac
E.D.A.= 0.24ac
TC= 5.8
I= 11.91
Q= 2.1

CURB INLET NO. 19
15.50 RT OF
STA. 17+62
D.A.= 0.26ac
E.D.A.= 0.56ac
TC= 6.7
I= 11.10
Q= 4.7

CURB INLET NO. 20
15.50 LT OF
STA. 17+56
D.A.= 0.06ac
TC= 5.2
I= 12.05
Q= 0.5

CURB INLET NO. 21
15.50 RT OF
STA. 18+48
D.A.= 0.16ac
E.D.A.= 0.91ac
TC= 7.5
I= 10.66
Q= 7.3

CURB INLET NO. 22
15.50 RT OF
STA. 19+60
D.A.= 0.20ac
E.D.A.= 1.81ac
TC= 8.7
I= 10.87
Q= 13.7

CURB INLET NO. 23
15.50 LT OF
STA. 19+38
D.A.= 0.330ac
TC= 6.9
I= 10.98
Q= 2.5

DBL CURB INLET NO. 24
15.50 RT OF
STA. 21+49
D.A.= 0.35ac
E.D.A.= 3.01ac
TC= 10.2
I= 9.43
Q= 21.3

DBL CURB INLET NO. 25
15.50 LT OF
STA. 21+49
D.A.= 0.30ac
TC= 8.6
I= 10.12
Q= 2.7

DBL CURB INLET NO. 26
15.50 RT OF
STA. 22+37
D.A.= 0.53ac
E.D.A.= 3.54ac
TC= 10.9
I= 9.17
Q= 4.3

GRATE INLET NO. 1
D.A.= 0.14ac
TC= 5.0
I= 12.19
Q= 1.3

GRATE INLET NO. 2
D.A.= 0.18ac
TC= 6.2
I= 11.39
Q= 1.5

GRATE INLET NO. 3
E.D.A.= 2.14ac
TC= 10.6
I= 9.28
Q= 14.9

GRATE INLET NO. 4
D.A.= 0.13ac
TC= 7.4
I= 10.71
Q= 1.0

GRATE INLET NO. 5
D.A.= 0.15ac
E.D.A.= 0.33ac
TC= 5.2
I= 12.05
Q= 3.0

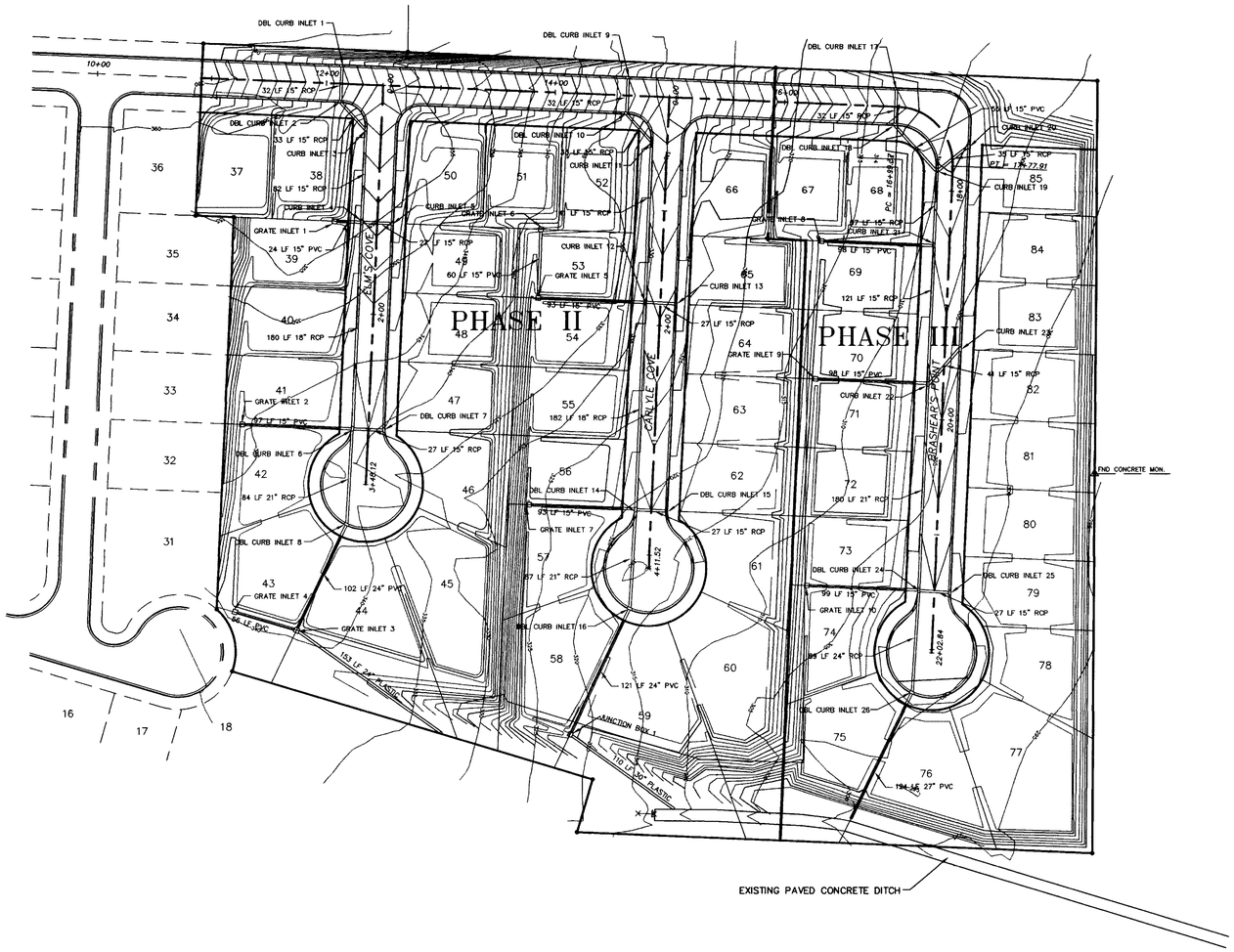
GRATE INLET NO. 6
D.A.= 0.114ac
TC= 5.0
I= 12.19
Q= 1.3

GRATE INLET NO. 7
D.A.= 0.42ac
TC= 5.4
I= 11.91
Q= 3.8

GRATE INLET NO. 8
D.A.= 0.19ac
TC= 5.0
I= 12.19
Q= 1.7

GRATE INLET NO. 9
D.A.= 0.40ac
TC= 5.0
I= 12.19
Q= 3.7

GRATE INLET NO. 10
D.A.= 0.5ac
TC= 5.6
I= 11.77
Q= 4.4



NOTES:
1) ALL GRATE INLETS ARE "RAISED GRATE".

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60ft.

DRAWING NO. HD063

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

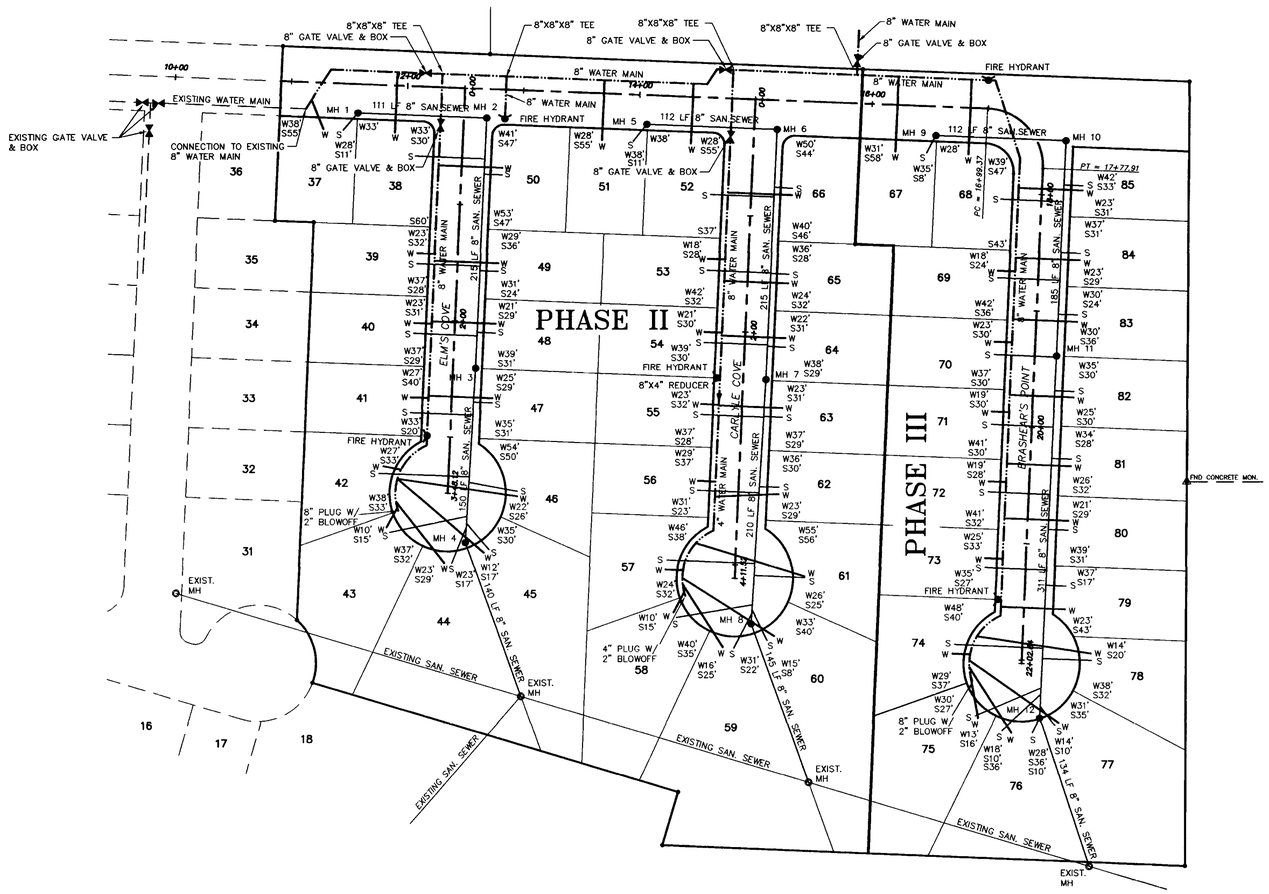
PROJECT
HIGHLAND COVE SUBDIVISION, PHASES II & III

DESCRIPTION
DRAINAGE & GRADING LAYOUT

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
SCALE: 1"=60'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
3



GRAPHIC SCALE

60 0 30 60 120

(IN FEET)
1 inch = 60ft.

DRAWING NO. HCSWAS

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

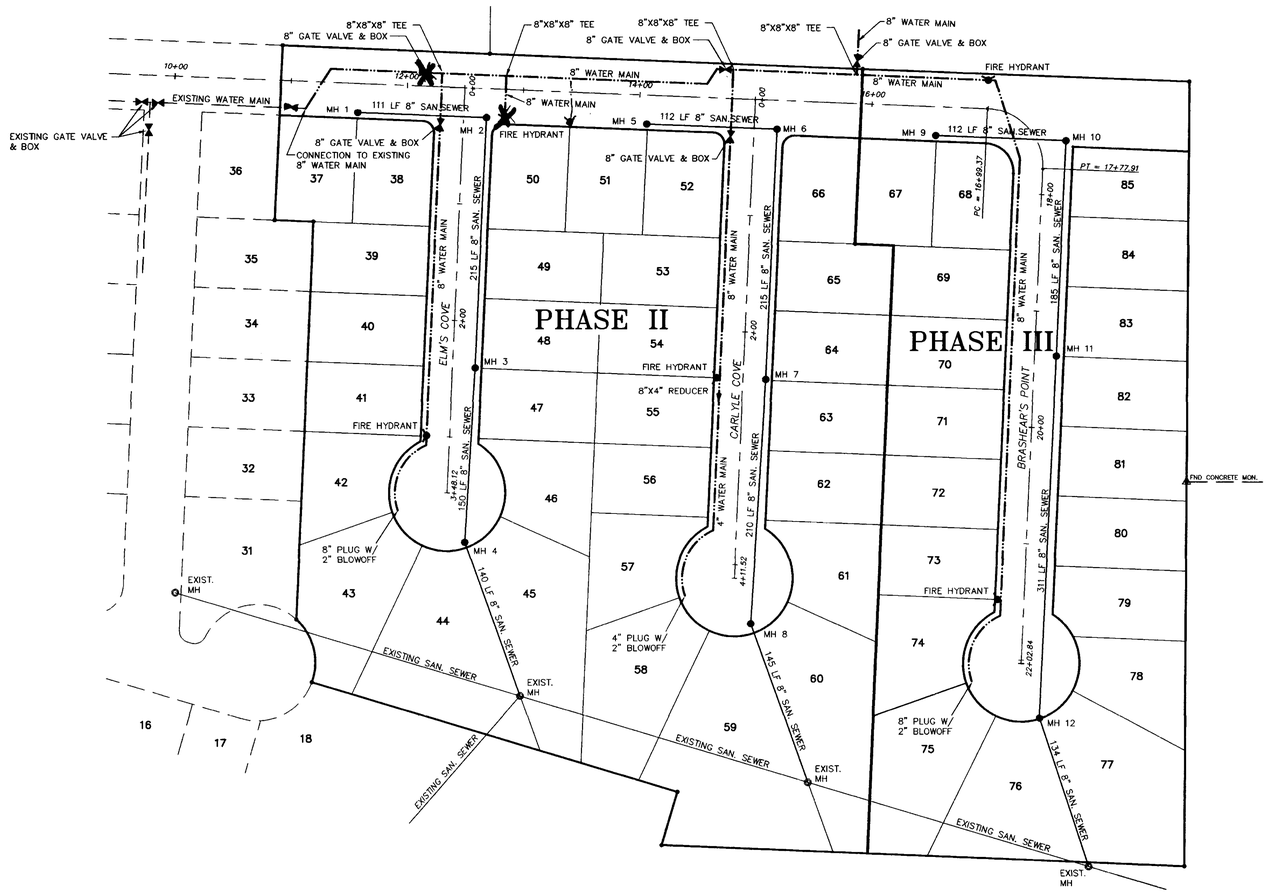
PROJECT
HIGHLAND COVE SUBDIVISION, PHASES II & III

DESCRIPTION
ASBUILT SEWER & WATER LAYOUT

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
SCALE: 1"=60'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
4



GRAPHIC SCALE

(IN FEET)
1 inch = 60ft.

DRAWING NO. HCSW4

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

PROJECT
HIGHLAND COVE SUBDIVISION, PHASES II & III

DESCRIPTION
SEWER & WATER LAYOUT

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
SCALE: 1"=60'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
4

SYMBOLS FOR EROSION AND SEDIMENT CONTROL PRACTICES

TEMPORARY PRACTICES

- CHECK DAM
- CONSTRUCTION ENTRANCE / EXIT
- D — DIVERSION
- DC — DUST CONTROL
- SEDIMENT BASIN
- SILT FENCE
- STORM DRAIN INLET PROTECTION (SILT FENCE, STRAW BALE)
- STRAW BALE BARRIER

PERMANENT PRACTICES

- BZ — BUFFER ZONE
- DETENTION BASIN
- D — DIVERSION
- GRADE STAB. STRUCTURE
- GW — GRASSED WATERWAY
- LAND GRADING
- LEVEL GRADING
- LW — LINED WATERWAY OR OUTLET
- PARKING LOT STORAGE
- PAVED FLUME
- ROCK OUTLET PROTECTION
- R — STORMWATER RETENTION BASIN

VEGETATIVE PRACTICES

- M — MULCHING
- PS — PERMANENT SEEDING
- S — SODDING
- TS — TEMPORARY SEEDING
- PILE — TOPSOILING
- P — TREE PRESERVATION AND PROTECTION
- GC — TREES, SHRUBS, VINES AND GROUND COVER
- DS — VEGETATIVE DUNE STABILIZATION

COMPOSITE PRACTICES

- V — VEGETATIVE STREAMBANK STAB.
- S — STRUCTURAL STREAMBANK STAB.
- RR — RIPRAP

PLANNED EROSION, SEDIMENT AND STORMWATER CONTROL PRACTICES

1. STORM DRAIN INLET PROTECTION.

   TEMPORARY HAY BALE AND SILT FENCE COMBINATIONS WILL BE INSTALLED AT ALL CURB INLET AND GRATE INLET LOCATIONS.

2. LAND GRADING

   EXCESS EXCAVATION FROM THE STREET RIGHTS OF WAY WILL BE PLACED ON THE LOTS OF LOWEST ELEVATION. ALL FILL MATERIALS WILL BE COMPACTED AND SLOPES WILL NOT EXCEED 3:1. ALL AREAS WILL RECEIVE SEEDING FOR STABILIZATION OF THE FILL MATERIAL UNTIL PERMANENT VEGETATION IS ESTABLISHED AFTER THE CONSTRUCTION OF THE INDIVIDUAL HOUSES.

3. ROCK OUTLET PROTECTION

   A RIPRAP APRON WILL BE LOCATED AT THE OUTLET OF ALL CULVERTS TO PREVENT SCOUR.

4. PERMENENT SEEDING

   ALL DISTURBED AREAS WILL BE PERMANENTLY SEEDED AND MULCHED ONCE FINAL GRADE IS ESTABLISHED. THE LAND GRADING AREAS PREVIOUSLY MENTIONED WILL RECEIVE TEMPORARY SEEDING AS STATED.

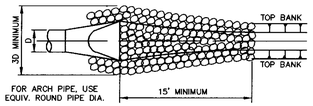
MAINTENANCE PLAN

SHORT TERM

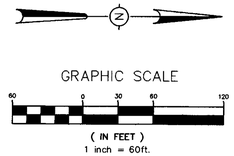
1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. SEDIMENT WILL BE REMOVED FROM THE INLET PROTECTION DEVICES WHEN IT REACHES A MAXIMUM OF 6 INCHES DEEP. THE DEVICE WILL BE REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
3. ALL SEEDED AREAS WILL BE FERTILIZED AND RESEEDED AS NECESSARY TO MAINTAIN A DENSE VEGETATIVE COVER.

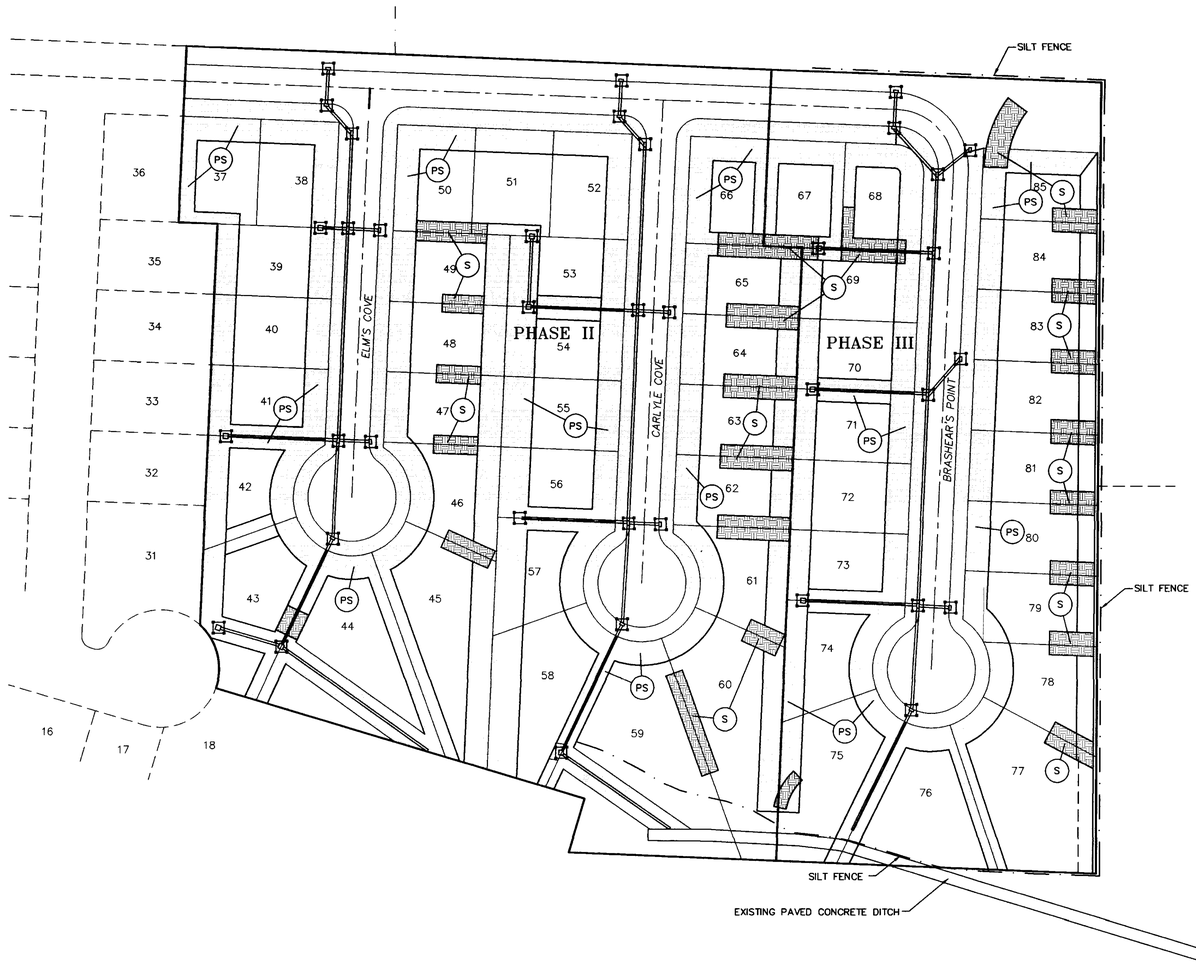
LONG TERM

1. ALL VEGETATED AREAS WILL BE MAINTAINED IN ADEQUATE CONDITION TO PROVIDE PROPER GROUND COVER.
2. AREAS WHERE VEGETATION IS LOST WILL BE FERTILIZED, SEEDED AND MAINTAINED AS NECESSARY TO RESTORE PROPER GROUND COVER.
3. STRUCTURAL MEASURES WILL BE EXAMINED AT LEAST ANNUALLY AND MAINTENANCE PERFORMED AS NEEDED.



ROCK OUTLET PROTECTION





TEMPORARY SEEDING

ALL FILL AREAS OUTSIDE OF PAVED AREAS SHALL RECEIVE TEMPORARY SEEDING OF ANNUAL RYEGRASS AT 40 LBS./AC/ WITH 13/13/13 FERTILIZER AT 600 LBS./AC.

ALL SLOPES SHALL RECEIVE TEMPORARY SEEDING AND FERTILIZER AND STRAW MULCH WITH ASPHALT TACK AT 1.5 TONS MULCH/AC. AND 100 GAL EMULSIFIED ASPHALT, GRADE SS-1 AT 100 GAL./TON MULCH.

PERMANENT SEEDING

PERMANENT SEEDING OF BERMUDA GRASS AT 15 LBS/AC. WITH 13/13/13 FERTILIZER AT 600 LBS./AC.

DRAWING NO. HCEC

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

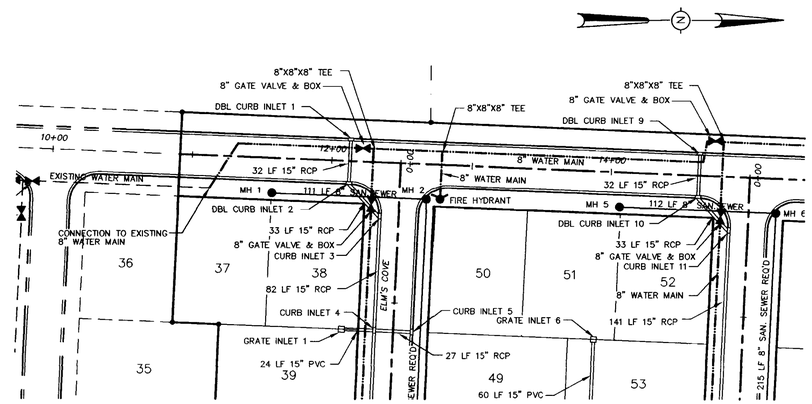
PROJECT
HIGHLAND COVE SUBDIVISION, PHASES II & III

DESCRIPTION
EROSION, SEDIMENT AND STORMWATER CONTROL PLAN

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
SCALE: 1"=60'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
5



DRAINAGE STRUCTURE SCHEDULE

DBL CURB INLET NO. 1
15.50 LT OF
STA. 12+13
D.A.= 0.42ac
TC= 6.5
I= 11.21
Q= 3.5

DBL CURB INLET NO. 2
15.50 RT OF
STA. 12+13
D.A.= 0.14ac
E.D.A.= 0.56ac
TC= 6.5
I= 11.21
Q= 4.7

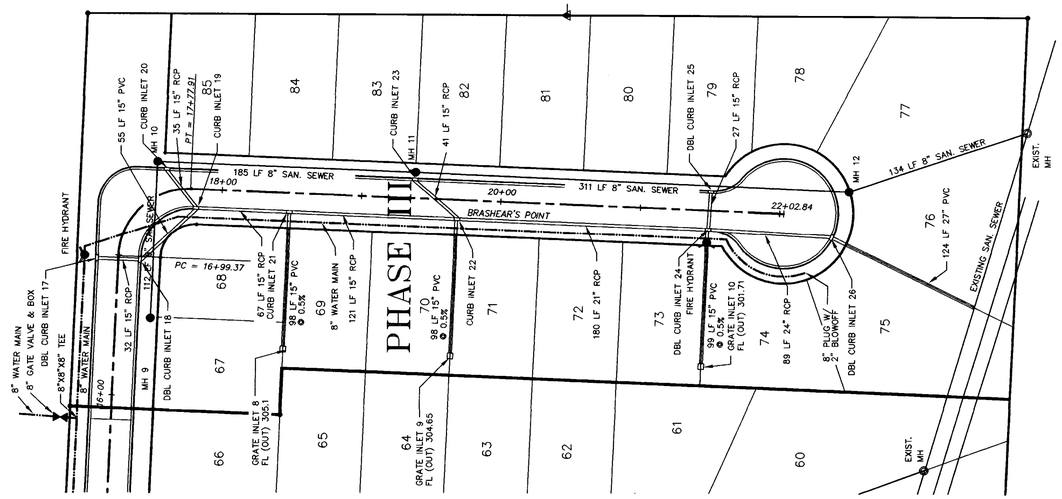
DBL CURB INLET NO. 9
15.50 LT OF
STA. 14+63
D.A.= 0.29ac
TC= 6.0
I= 11.52
Q= 2.5

DBL CURB INLET NO. 10
15.50 RT OF
STA. 14+63
D.A.= 0.14ac
E.D.A.= 0.53ac
TC= 6.0
I= 11.52
Q= 4.6

GRATE INLET NO. 1
D.A.= 0.14ac
TC= 5.0
I= 12.19
Q= 1.3

EXISTING GROUND – CENTERLINE
EXISTING GROUND – 25' LEFT
EXISTING GROUND – 25' RIGHT

NOTE: CURB RETURN RADII – R=20.0' (BACK OF CURB)



DRAINAGE STRUCTURE SCHEDULE

DBL CURB INLET NO. 17
15.50 LT OF
STA. 16+98
D.A.= 0.13ac
TC= 5.9
I= 11.58
Q= 1.1

DBL CURB INLET NO. 18
15.50 RT OF
STA. 16+98
D.A.= 0.11ac
E.D.A.= 0.24ac
TC= 5.9
I= 11.91
Q= 2.1

CURB INLET NO. 19
15.50 RT OF
STA. 17+82
D.A.= 0.26ac
E.D.A.= 0.56ac
TC= 6.7
I= 11.10
Q= 4.7

CURB INLET NO. 20
15.50 LT OF
STA. 17+56
D.A.= 0.06ac
TC= 5.2
I= 12.05
Q= 0.5

CURB INLET NO. 21
15.50 RT OF
STA. 18+48
D.A.= 0.16ac
E.D.A.= 0.91ac
TC= 7.5
I= 10.66
Q= 7.3

CURB INLET NO. 22
15.50 RT OF
STA. 19+60
D.A.= 0.20ac
E.D.A.= 1.81ac
TC= 8.7
I= 10.87
Q= 13.7

CURB INLET NO. 23
15.50 LT OF
STA. 19+38
D.A.= 0.30ac
TC= 6.9
I= 10.98
Q= 2.5

DBL CURB INLET NO. 24
15.50 RT OF
STA. 21+49
D.A.= 0.35ac
E.D.A.= 3.01ac
TC= 10.2
I= 9.43
Q= 21.3

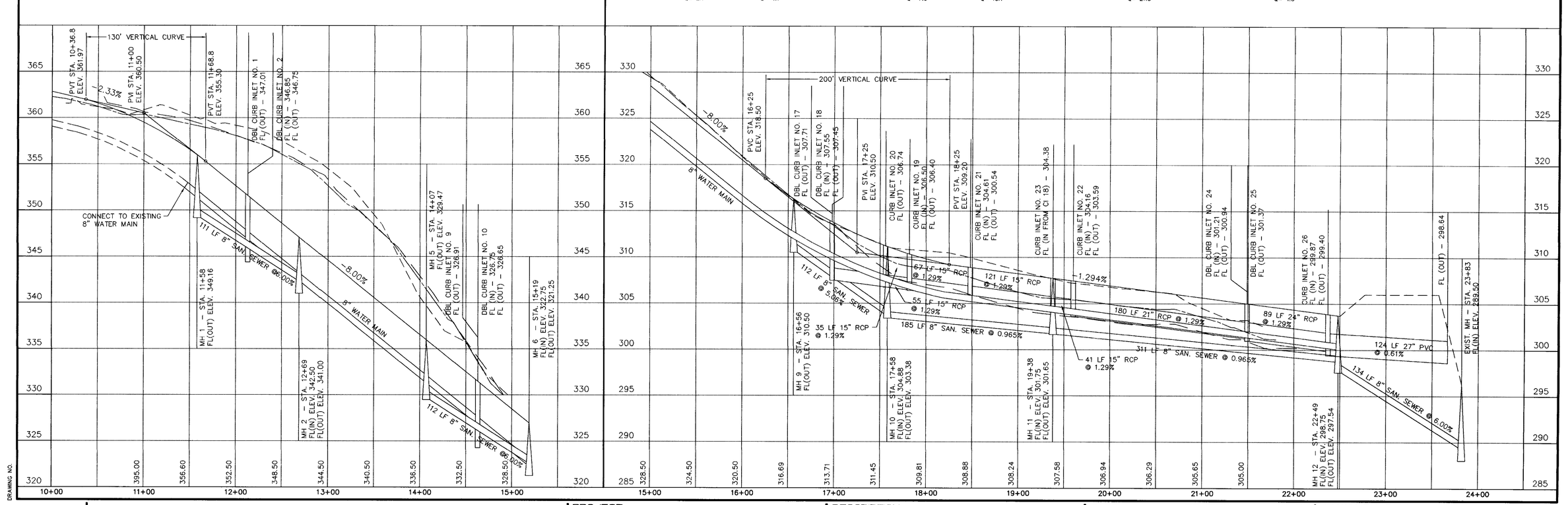
DBL CURB INLET NO. 25
15.50 LT OF
STA. 21+49
D.A.= 0.35ac
TC= 8.6
I= 10.12
Q= 2.7

DBL CURB INLET NO. 26
15.50 RT OF
STA. 22+37
D.A.= 0.53ac
E.D.A.= 3.54ac
TC= 10.9
I= 9.17
Q= 4.3

GRATE INLET NO. 8
D.A.= 0.19ac
TC= 5.0
I= 12.19
Q= 1.7

GRATE INLET NO. 9
D.A.= 0.40ac
TC= 5.0
I= 12.19
Q= 3.7

GRATE INLET NO. 10
D.A.= 0.5ac
TC= 5.6
I= 11.77
Q= 4.4



H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

PROJECT
HIGHLAND COVE,
PHASES II AND III

DESCRIPTION
PLAN AND PROFILE
BRASHEAR'S POINT

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
HORIZ.: 1"=50' / VERT.: 1"=5'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
6

DRAINAGE STRUCTURE SCHEDULE

DBL CURB INLET NO. 10
15.50 RT OF
STA. 14+63
D.A.= 0.14ac
E.D.A.= 0.53ac
TC= 6.0
I= 11.52
Q= 4.6

CURB INLET NO. 11
15.50 RT OF
STA. 0+38
D.A.= 0.25ac
E.D.A.= 0.78ac
TC= 6.6
I= 11.15
Q= 4.6

CURB INLET NO. 12
15.50 RT OF
STA. 1+80
D.A.= 0.29ac
E.D.A.= 1.46ac
TC= 8.0
I= 10.40
Q= 11.4

CURB INLET NO. 13
15.50 LT OF
STA. 1+80
D.A.= 0.06ac
TC= 6.6
I= 11.15
Q= 0.5

DBL CURB INLET NO. 14
15.50 RT OF
STA. 3+60
D.A.= 0.41ac
TC= 9.5
I= 9.72
Q= 17.3

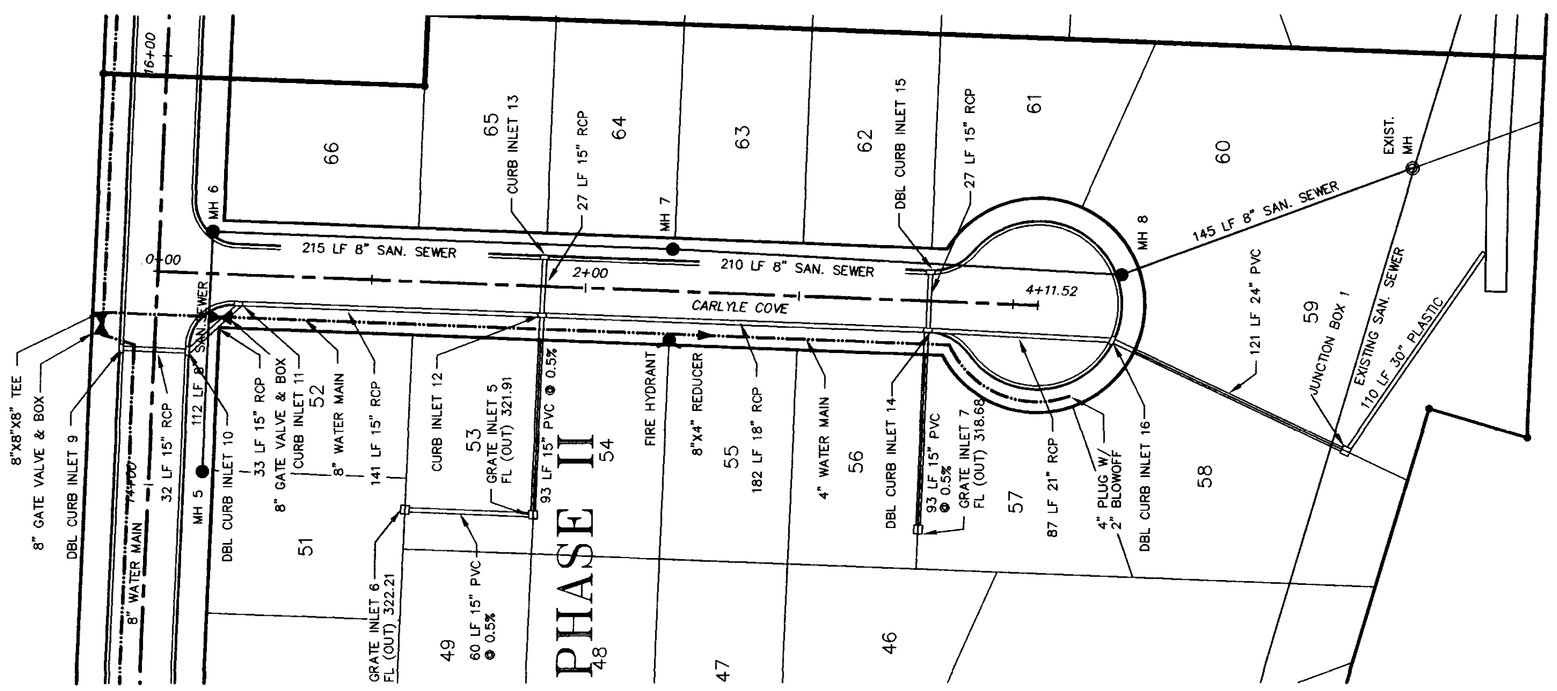
DBL CURB INLET NO. 15
15.50 LT OF
STA. 3+60
D.A.= 0.08ac
TC= 7.3
I= 10.76
Q= 0.6

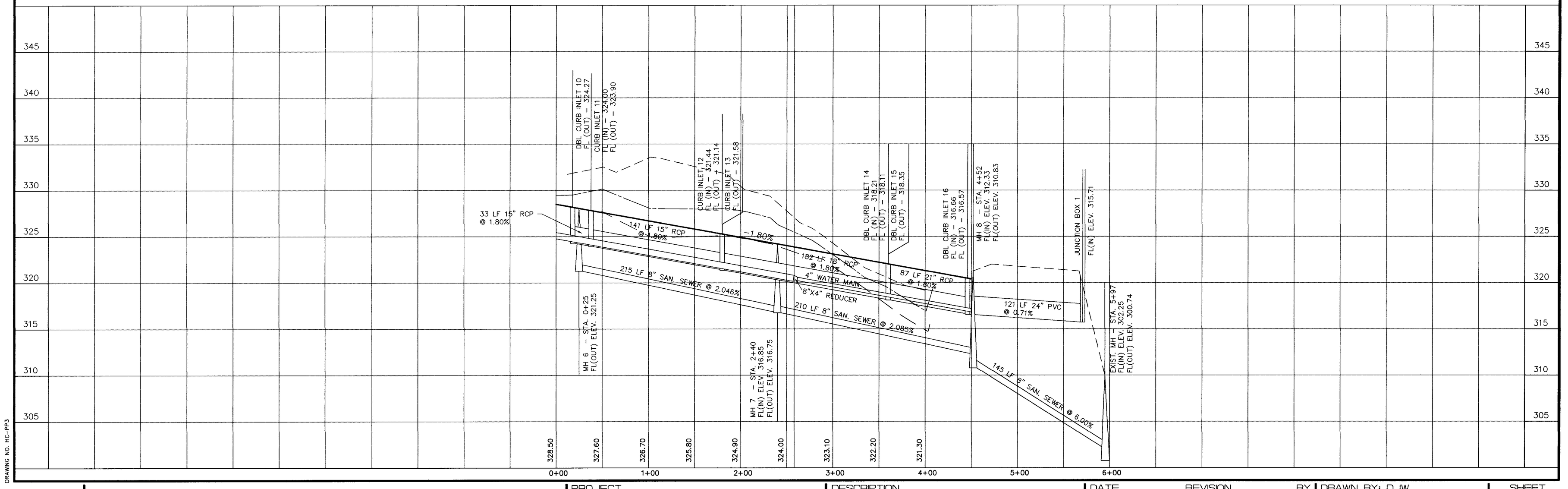
DBL CURB INLET NO. 16
15.50 RT OF
STA. 4+46
D.A.= 0.29ac
E.D.A.= 2.66ac
TC= 10.0
I= 9.51
Q= 19.0

GRATE INLET NO. 5
D.A.= 0.15ac
E.D.A.= 0.33ac
TC= 5.2
I= 12.05
Q= 3.0

GRATE INLET NO. 6
D.A.= 0.14ac
TC= 5.0
I= 12.19
Q= 1.3

GRATE INLET NO. 7
D.A.= 0.42ac
TC= 5.4
I= 11.91
Q= 3.8





EXISTING GROUND – CENTERLINE
EXISTING GROUND – 25' LEFT
EXISTING GROUND – 25' RIGHT

NOTE: CURB RETURN RADII – R=20.0' (BACK OF CURB)

DRAWING NO. HC-PP3

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

PROJECT
HIGHLAND COVE,
PHASES II AND III

DESCRIPTION
PLAN AND PROFILE
CARLYLE COVE

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
HORIZ.: 1"=50' / VERT.: 1"=5'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
7

DRAINAGE STRUCTURE SCHEDULE

DBL CURB INLET NO. 2
15.50 RT OF
STA. 12+13
D.A.= 0.14ac
E.D.A.= 0.56ac
TC= 6.5
I= 11.21
Q= 4.7

CURB INLET NO. 3
15.50 RT OF
STA. 0+38
D.A.= 0.19ac
E.D.A.= 0.75ac
TC= 6.7
I= 11.10
Q= 6.2

CURB INLET NO. 4
15.50 RT OF
STA. 1+20
D.A.= 0.07ac
E.D.A.= 1.00ac
TC= 7.7
I= 10.55
Q= 7.9

CURB INLET NO. 5
15.50 LT OF
STA. 1+20
D.A.= 0.07ac
TC= 5.0
I= 12.19
Q= 0.6

DBL CURB INLET NO. 6
15.50 RT OF
STA. 3+00
D.A.= 0.40ac
E.D.A.= 1.68ac
TC= 9.6
I= 9.68
Q= 12.2

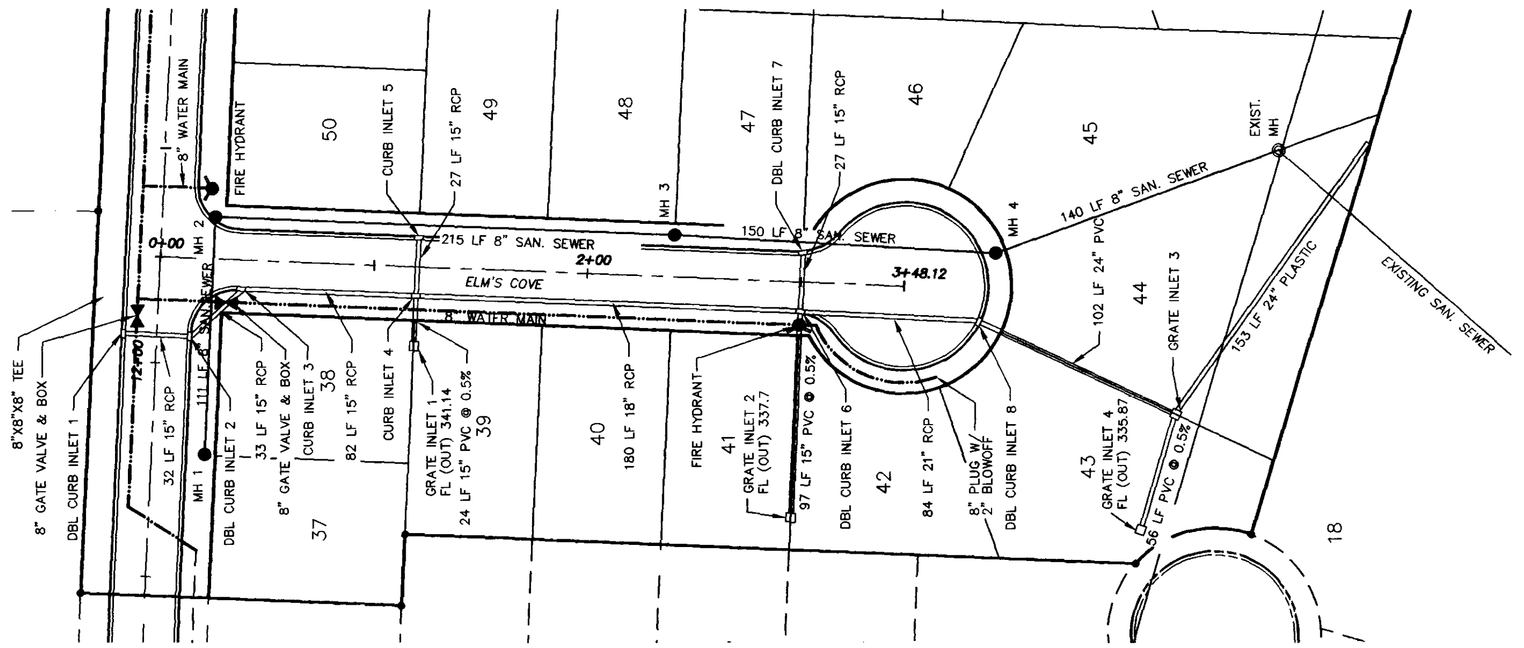
DBL CURB INLET NO. 7
15.50 LT OF
STA. 3+00
D.A.= 0.10ac
TC= 7.3
I= 10.76
Q= 0.8

DBL CURB INLET NO. 8
15.50 RT OF
STA. 3+82
D.A.= 0.33ac
E.D.A.= 2.01ac
TC= 10.1
I= 9.47
Q= 14.3

GRATE INLET NO. 2
D.A.= 0.18ac
TC= 6.2
I= 11.39
Q= 1.5

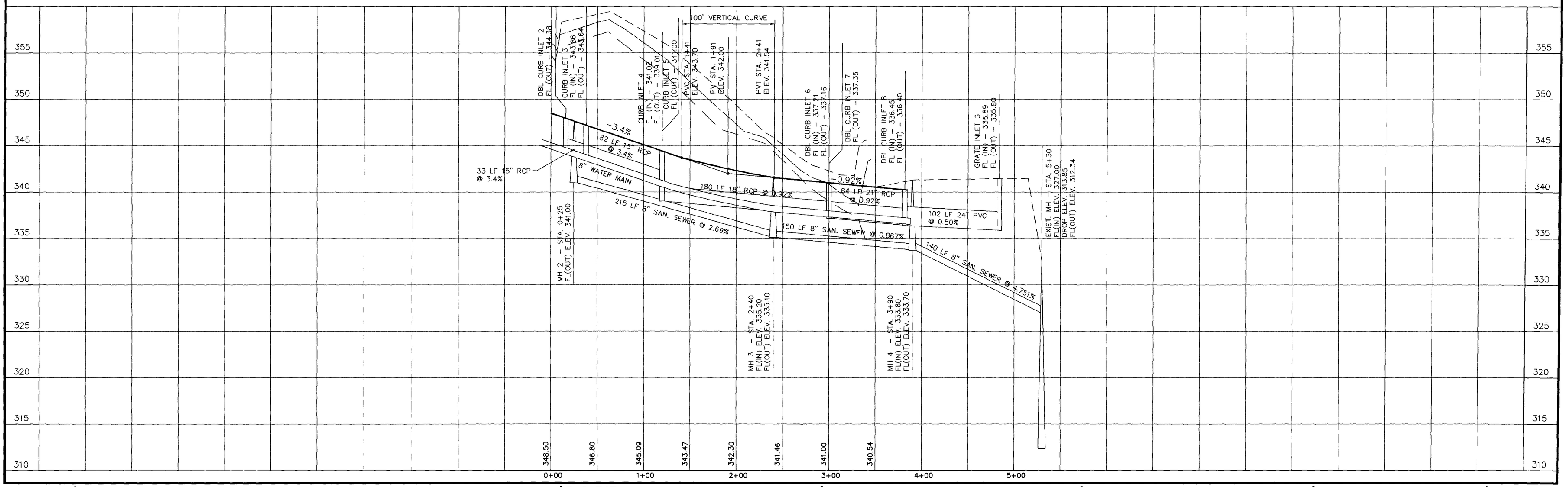
GRATE INLET NO. 3
E.D.A.= 2.14ac
TC= 10.6
I= 9.28
Q= 14.9

GRATE INLET NO. 4
D.A.= 0.13ac
TC= 7.4
I= 10.71
Q= 1.0



EXISTING GROUND – CENTERLINE
EXISTING GROUND – 25' LEFT
EXISTING GROUND – 25' RIGHT

NOTE: CURB RETURN RADII – R=20.0' (BACK OF CURB)



DRAWING NO. HC-PP4

H D LANG AND ASSOCIATES, INC.
POST OFFICE BOX 16085 JACKSON, MISSISSIPPI 39236
601-362-4886

PROJECT
HIGHLAND COVE,
PHASES II AND III

DESCRIPTION
PLAN AND PROFILE
ELM'S COVE

DATE	REVISION	BY
10/27/97	RECORD DRAWING	DJW

DRAWN BY: DJW
DATE: 07/28/97
HORIZ.: 1"=50' / VERT.: 1"=5'
BOOK: PAGE:
PROJECT NO.: 97-021

SHEET
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