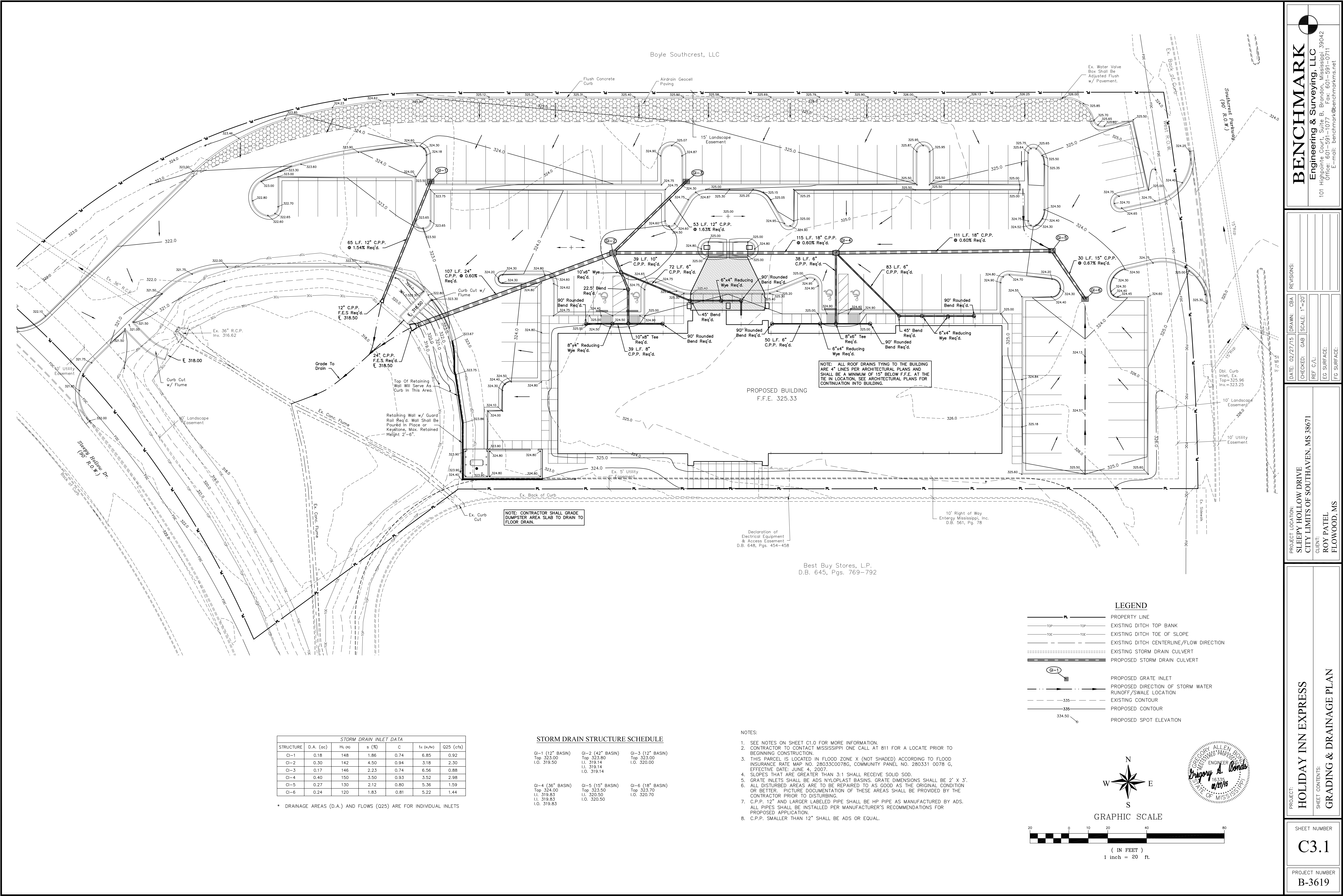




| STORM DRAIN INLET DATA |           |                    |       |      |           |
|------------------------|-----------|--------------------|-------|------|-----------|
| STRUCTURE              | D.A. (ac) | H <sub>i</sub> (m) | s (%) | C    | Q25 (cfs) |
| CI-1                   | 0.18      | 148                | 1.86  | 0.74 | 6.85      |
| CI-2                   | 0.30      | 142                | 4.50  | 0.94 | 3.18      |
| CI-3                   | 0.17      | 146                | 2.23  | 0.74 | 6.56      |
| CI-4                   | 0.40      | 150                | 3.50  | 0.93 | 3.52      |
| CI-5                   | 0.27      | 130                | 2.12  | 0.80 | 5.36      |
| CI-6                   | 0.24      | 120                | 1.83  | 0.81 | 5.22      |

\* DRAINAGE AREAS (D.A.) AND FLOWS (Q25) ARE FOR INDIVIDUAL INLETS

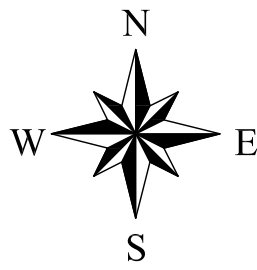
STORM DRAIN STRUCTURE SCHEDULE

|                                                              |                                                              |                                               |
|--------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|
| GI-1 (12" BASIN)<br>Top 323.00<br>I.O. 319.50                | GI-2 (42" BASIN)<br>Top 323.80<br>I.I. 319.14<br>I.O. 319.14 | GI-3 (12" BASIN)<br>Top 323.00<br>I.O. 320.00 |
| GI-4 (36" BASIN)<br>Top 324.00<br>I.I. 319.83<br>I.O. 319.83 | GI-5 (18" BASIN)<br>Top 323.50<br>I.O. 320.50                | GI-6 (18" BASIN)<br>Top 323.70<br>I.O. 320.70 |

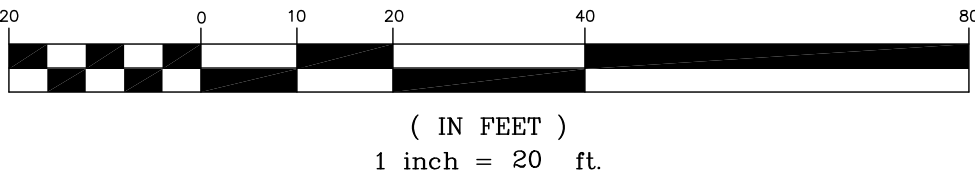
- NOTES:
- SEE NOTES ON SHEET C1.0 FOR MORE INFORMATION.
  - CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 811 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION.
  - THIS PARCEL IS LOCATED IN FLOOD ZONE X (NOT SHADED) ACCORDING TO FLOOD INSURANCE RATE MAP NO. 28033C00786, COMMUNITY PANEL NO. 280331 0078 G, EFFECTIVE DATE: JUNE 4, 2007.
  - SLOPES THAT ARE GREATER THAN 3:1 SHALL RECEIVE SOLID SOD.
  - GRATE INLETS SHALL BE ADS NYLOPLAST BASINS. GRATE DIMENSIONS SHALL BE 2' X 3'.
  - ALL DISTURBED AREAS ARE TO BE REPAIRED TO AS GOOD AS THE ORIGINAL CONDITION OR BETTER. PICTURE DOCUMENTATION OF THESE AREAS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO DISTURBING.
  - C.P.P. 12" AND LARGER LABELED PIPE SHALL BE HP PIPE AS MANUFACTURED BY ADS. ALL PIPES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR PROPOSED APPLICATION.
  - C.P.P. SMALLER THAN 12" SHALL BE ADS OR EQUAL.

LEGEND

- PROPERTY LINE
- EXISTING DITCH TOP BANK
- EXISTING DITCH TOE OF SLOPE
- EXISTING DITCH CENTERLINE/FLOW DIRECTION
- EXISTING STORM DRAIN CULVERT
- PROPOSED STORM DRAIN CULVERT
- PROPOSED GRATE INLET
- PROPOSED DIRECTION OF STORM WATER RUNOFF/SWALE LOCATION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION



GRAPHIC SCALE



BENCHMARK

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DATE: 02/27/15

DRAWN: CBA

CHECKED: GAB

REVISIONS:

PROJECT LOCATION:  
SLEEPY HOLLOW DRIVE  
CITY LIMITS OF SOUTHAVEN, MS 38671

CLIENT:  
ROY PATEL  
FLOWOOD, MS

SHEET NUMBER  
C3.1

PROJECT NUMBER  
B-3619