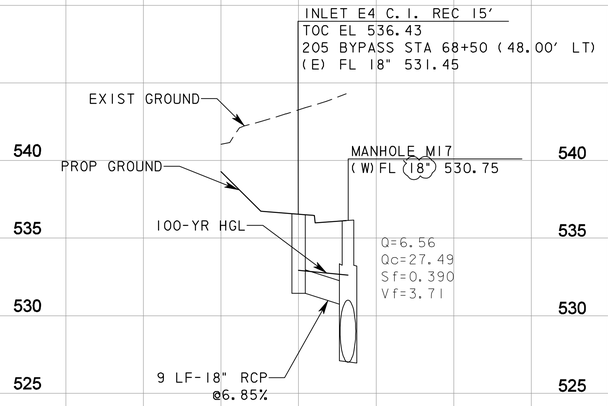
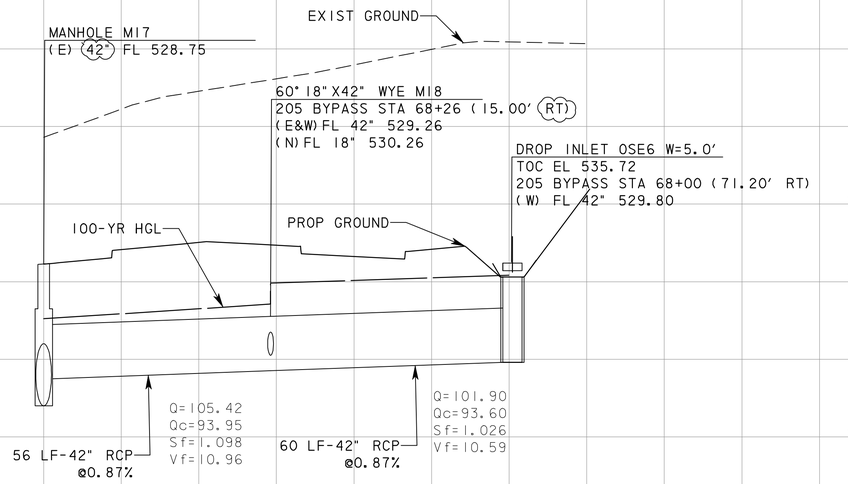


LATERAL E4



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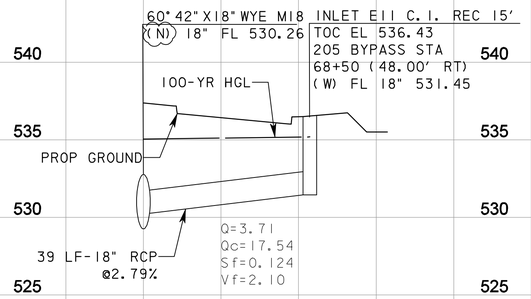

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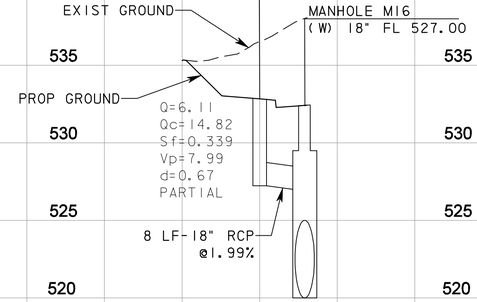

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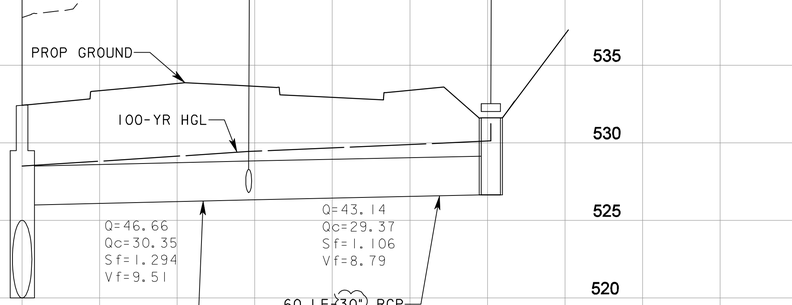

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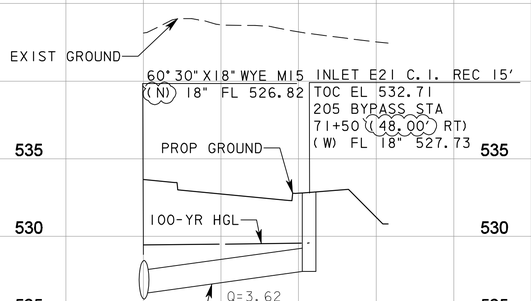

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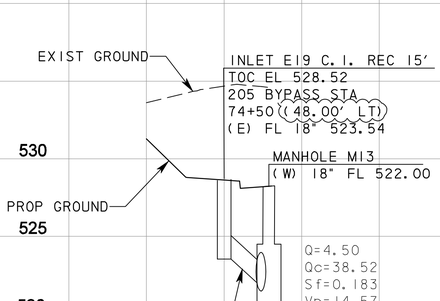
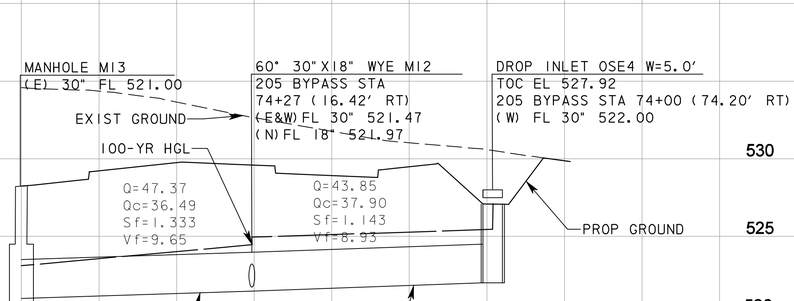


LATERAL E19



LATERAL OSE4

NOTES:

1. FLOWLINE ELEVATIONS AND GRADES ARE CALCULATED FROM APPROPRIATE CENTER TO CENTER OF PROPOSED DRAINAGE STRUCTURES. PIPE LENGTHS ON PLANS ARE ACTUAL LENGTHS BETWEEN STRUCTURES AND ARE USED IN QUANTITY TAKEOFFS.
2. ALL UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED AS TO THE LOCATION AND DEPTH PRIOR TO CONSTRUCTION.
3. ALL STORM DRAIN PIPE IS CLASS III UNLESS OTHERWISE NOTED.
4. THE CONTROL POINT FOR RECESSED CURB INLETS IS AT THE CENTER OF THE INLET AT THE FACE OF THE RECESSED CURB.
5. INLET LIDS TO BE LOCKING.
6. CONTRACTOR TO INSTALL CEMENT TREATED BACKFILL TO THE SPRINGLINE OF THE DRAINAGE PIPE FOR SLOPES GREATER THAN 10%

LEGEND

Q = FLOW RATE (CFS)
Qc = FLOW CAPACITY (CFS)
Sf = FRICTION SLOPE (%)
V = VELOCITY (FPS)
D = DEPTH (FT)

20 0 20 40
SCALE IN FEET
HORIZONTAL

5 0 5 10
SCALE IN FEET
VERTICAL

RECORD DRAWING

This drawing is a compilation of the original sealed engineering drawing and modifications by addenda, change orders and information furnished by the contractor. Information shown that was provided by the contractor and others not associated with the design engineer cannot be verified for accuracy or completeness. Original sealed drawing is on file at the office of AECOM USA Group, Inc., TBPE REG. NO. F-3082

ORIGINAL DRAWING SEALED & SIGNED BY
T.H. Gaertner, P.E.
TX NO. 37124

NO.	REVISION	BY	DATE
1	MISCELLANEOUS	THG	05/20/08

City of Rockwall, Texas

205 BYPASS
PHASE 3

LATERAL PROFILES
SYSTEM E

1 OF 2

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DALLAS, TEXAS 75248

Unit PW-DAL-FW	Scale: Horz AS SHOWN Vert AS SHOWN	Date	11/23/2009
Designed	Checked TCB	Project No.	60004153
Drawn	Approved TCB	Sheet	96 of 215