

STORM DRAIN SCHEDULE WEST

- 8" PVC INV. IN 1043.25
TOP 1043.50
225 LF @ 1% SLOPE
- STORM DRAIN MANHOLE, 36"
TOP 1043.50
INV. IN 8" RCP = 1043.25
INV. OUT 8" EX. = 1043.75
250 LF @ 1% SLOPE
- STORM DRAIN MANHOLE, 36"
TOP 1043.50
INV. IN 24" RCP = 1043.50
INV. OUT 8" EX. = 1043.75
15" RCP INV. IN = 1043.50
INV. OUT 15" RCP = 1043.50
20 LF @ 1% SLOPE
- STORM DRAIN MANHOLE, 36"
TOP 1043.50
INV. IN 4" PVC = 1043.50
TOP RIM = 1043.50
INV. OUT 15" RCP = 1043.50
20 LF @ 1% SLOPE
- 5'-42" D. X 50' W 2'-42" D. X 28' END PIPES
PROVIDE GRADE ACCESS (TRAFFIC LID) BOTH ENDS
ALUMINIZED GALVANIZED CORRUGATED PIPES
INV. LOW = 1043.50 INV. HIGH = 1044.60
INV. OUT 15" RCP = 1043.50
INV. IN 15" RCP = 1044.40
INV. IN 15" RCP = 1044.40
15" RCP INV. IN = 1043.50
INV. OUT = 1044.10
20 LF @ 1% SLOPE
15" RCP INV. IN = 1044.40
INV. OUT = 1044.60
15 LF @ 1.35% SLOPE
- D1-30, L=4'
INV. IN 15" RCP = 1044.70
TOP 1104.50
INV. OUT 15" RCP = 1044.60
134 LF @ 0.7% SLOPE
- STORM DRAIN MANHOLE, 36"
TOP 1104.00
INV. IN 12" PVC = 1046.00
INV. OUT 15" RCP = 1045.60
- D1-30, L=4'
TOP 1104.00
INV. OUT 15" RCP = 1044.10

UNDERGROUND UTILITIES SITE PLAN

SCALE: 1" = 20'-0"

MERIDIAN
NORTH
MAP OF ARROWOOD
PB. 6, PG. 93

STORM DRAIN SCHEDULE EAST

- NEW STORM DRAIN MANHOLE, 36"
TOP 1084.50 INV. IN 15" RCP = 1085.25
INV. IN 5" RCP = 1085.25
INV. OUT = 1085.00
COORDINATE IN FIELD
- 15" RCP INV. IN = 1084.50
INV. OUT = 1085.25
12 LF @ 5.40% SLOPE
- NEW STORM DRAIN MANHOLE, 36"
TOP = 1045.00
INV. IN 15" RCP = 1041.75
INV. IN 5" RCP = 1041.00
INV. OUT 15" RCP = 1044.50
- 15" RCP INV. IN = 1044.50
INV. OUT = 1041.75
35 LF @ 7.24% SLOPE
- NEW STORM DRAIN MANHOLE, 36"
TOP/RIM = 1100.00
INV. IN 4" PVC = 1094.00
INV. OUT 15" RCP = 1094.30
- ES-4, INV. OUT 15" RCP = 1100.00
- 15" RCP INV. IN = 1102.50
INV. OUT = 1100.00
61 LF @ 5.14% SLOPE
- 5'-42" D. X 60' W 2'-42" D. X 16'-6" END PIPES
PROVIDE GRADE ACCESS (TRAFFIC LID) BOTH ENDS
ALUMINIZED GALVANIZED CORRUGATED PIPES
INV. LOW = 1022.50 INV. HIGH = 1023.20
INV. IN 15" RCP = 1022.50 INV. OUT 15" RCP = 1023.50
D1-1 TOP 1023.50
- 1/2" T. STEEL PLATE WITH 8" ORIFICE INVERT 1023.50
INV. IN 15" RCP = 1023.50
INV. OUT = 1022.50
20 LF @ 12.5% SLOPE
- NEW STORM DRAIN MANHOLE, 36"
TOP 1023.50
INV. IN 12" PVC = 1023.40
INV. OUT 15" RCP = 1023.30

CRAIGHEAD & ASSOCIATES
Architects, Designers, Construction Managers

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1ST SUBMIT	01/25/2011
2ND SUBMIT	03/08/2011
2ND SUBMIT(R)	03/28/2011
3RD SUBMIT	04/15/2011
4TH SUBMIT	05/05/2011

REVISIONS DATE

KEY PLAN

PROJECT NO. 21021
DATE:
DRAWN BY: RLC
CHECKED BY: RLC

APPROVED FOR THE OWNER DATE

S-4
UNDERGROUND UTILITIES
SITE PLAN- BUILDING 5
SCALE: 1" = 20'-0"
GRAPHIC: 0 10 20 30 40