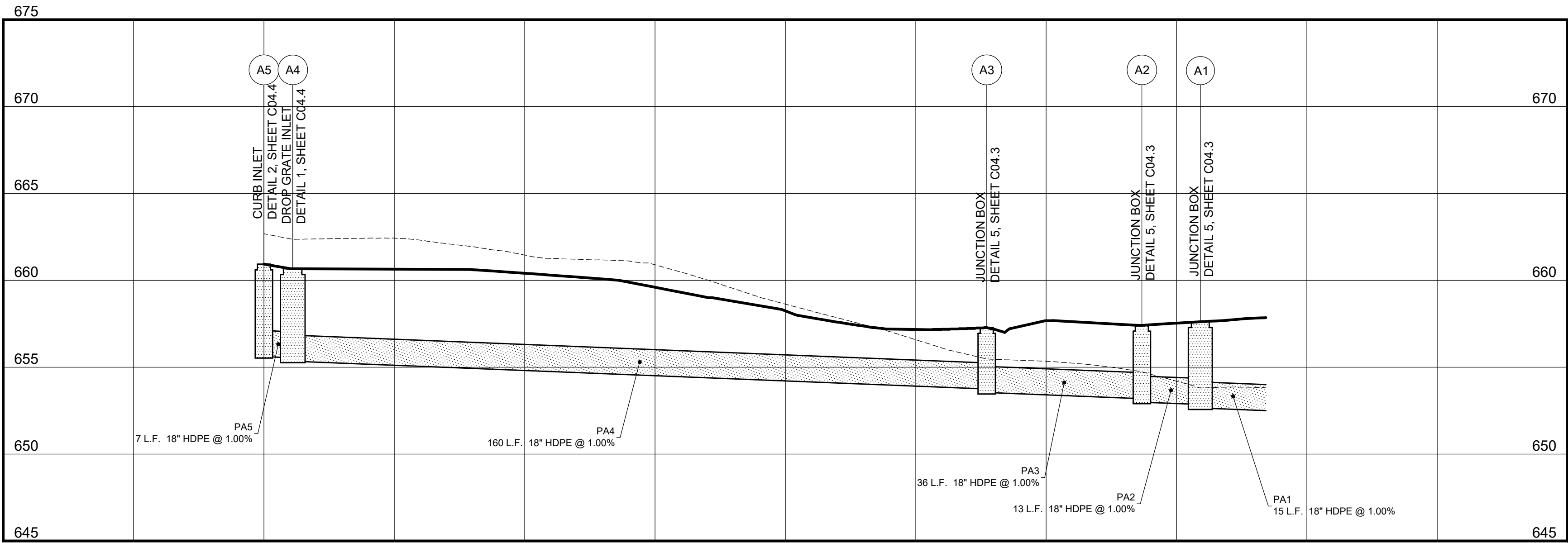
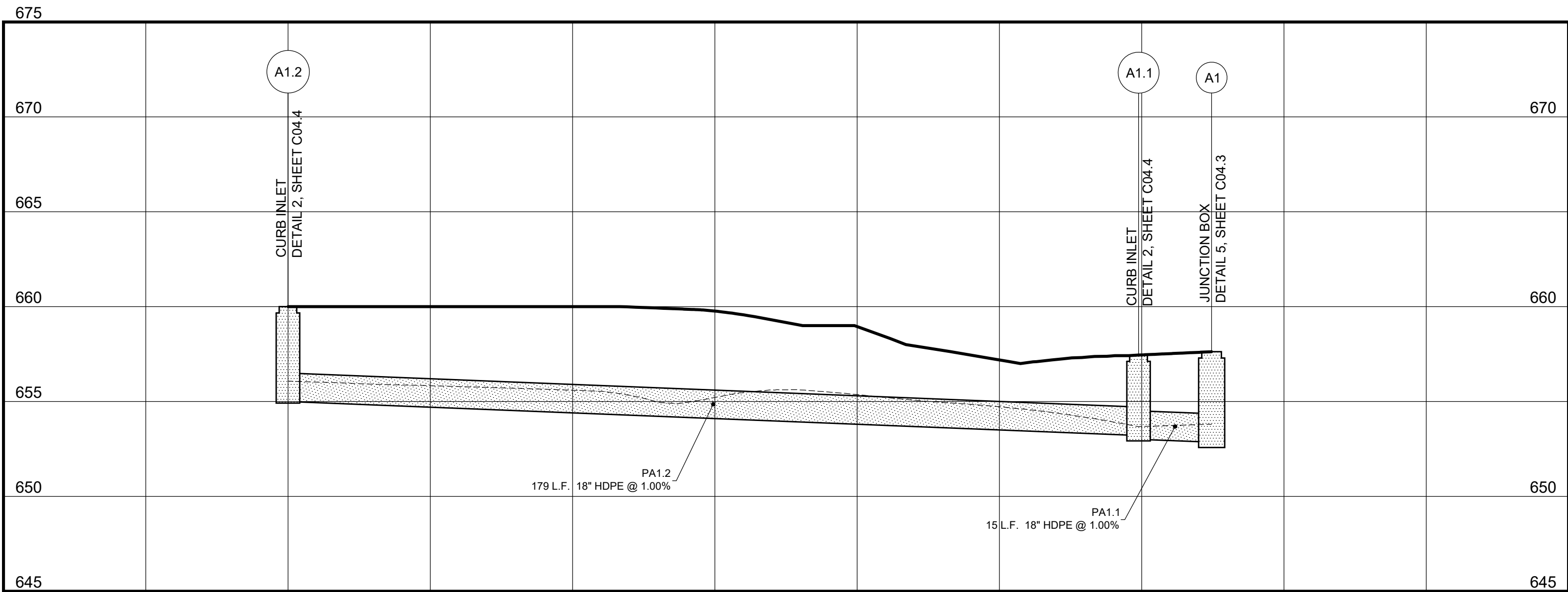


STORM PROFILE A5-A0



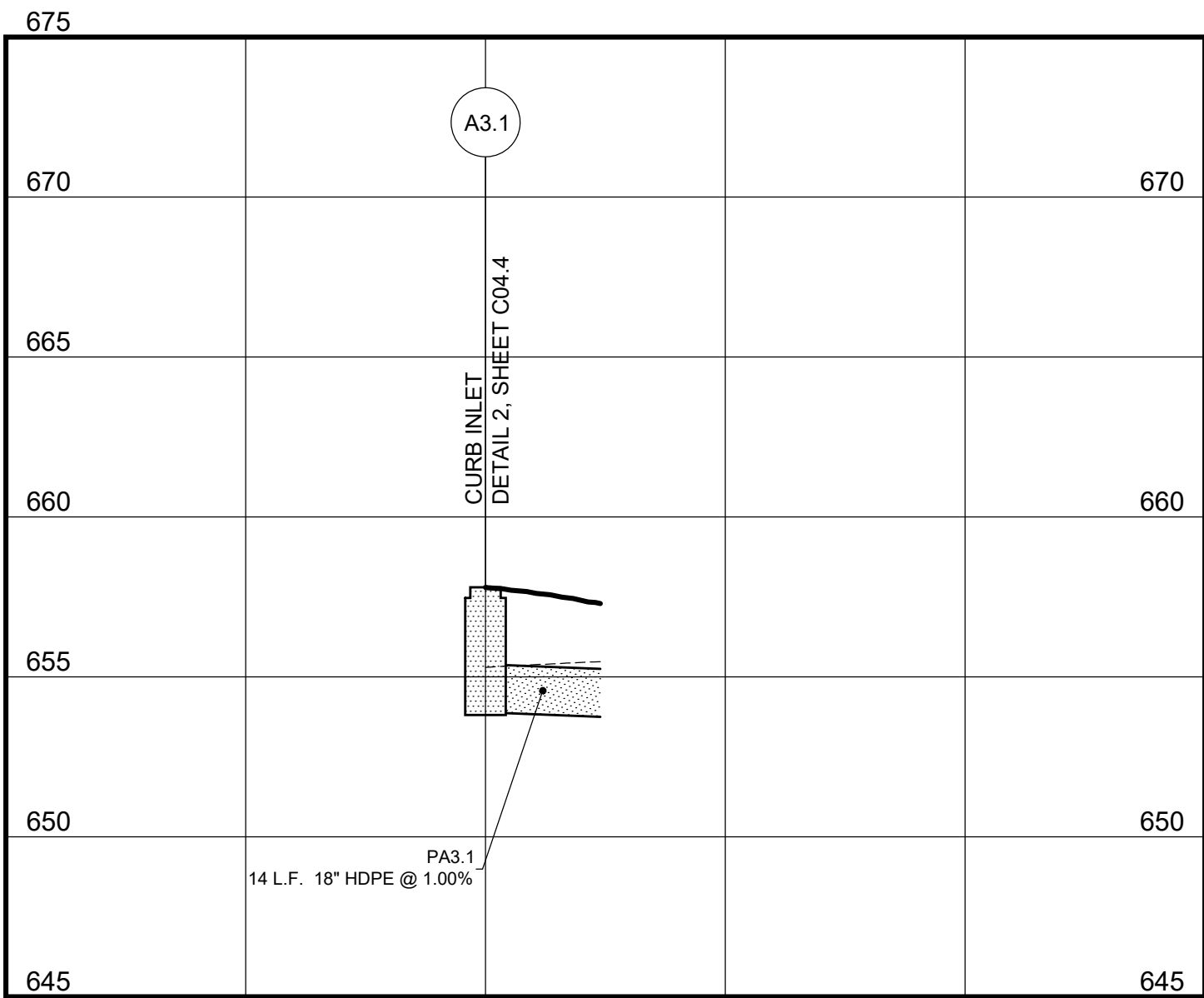
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

STORM PROFILE A1.2-A1



HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

STORM PROFILE C1-C0



HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

PROFILE NOTES

1. CONTROLLED BACK FILL TO BE PLACED IN 6" LOOSE LIFT AND COMPACTED TO 100% ASTM D698 PRIOR TO STORM AND SANITARY SEWER CONSTRUCTION. BACK FILL SHALL BE PLACED TO A MINIMUM OF ±2' ABOVE THE CROWN ELEVATION OF THE PIPES.
2. STORM DRAIN AND SANITARY SEWER LENGTHS ARE MEASURED FROM CENTER LINE OF STRUCTURE TO CENTERLINE OF STRUCTURE OR FACE OF HEADWALL.
3. ALL PIPE LENGTHS SHOWN ARE ROUNDED TO THE NEAREST FOOT.
4. ALL STORM DRAIN PIPING SHALL BE TRENCHED, BEDDED AND BACK FILLED ACCORDING WITH DETAIL 4 ON SHEET C04.3 UNLESS SPECIFICALLY NOTED OTHERWISE.
5. ALL SANITARY SEWER PIPING SHALL BE TRENCHED, BEDDED AND BACK FILLED ACCORDING WITH DETAIL 5 ON SHEET C04.3 UNLESS SPECIFICALLY NOTED OTHERWISE.
6. UNFORESEEN SUBSURFACE CONDITIONS SHALL BE BROUGHT TO THE OWNER'S AND ENGINEER'S ATTENTION IMMEDIATELY IMPLEMENTATION OF CORRECTIVE BEDDING MEASURES WITHOUT THE OWNER'S APPROVAL SHALL BE AT THE CONTRACTOR'S OWN RISK AND AT NO ADDITIONAL COMPENSATION.
7. EXISTING GRADES SHOWN ARE APPROXIMATE AND DO NOT REFLECT TOP SOIL REMOVAL, CLEARING, AND GRUBBING OPERATIONS. THE CONTRACTOR SHALL ASCERTAIN FOR HIMSELF THE EXTENT OF DISTURBANCE FOR THESE ACTIVITIES.
8. EXCAVATIONS FOR STRUCTURES SHALL BE TAKEN AS A TRENCHING EXCAVATION WITHOUT FURTHER COMPENSATION.
9. SEE SHEET C01.1 FOR GENERAL NOTES.



PANDA EXPRESS, INC.

1683 WALNUT GROVE AVE.
ROSEMEAD, CALIFORNIA 91770

TELEPHONE: 626.799.9898
FACSIMILE: 626.372.8268

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REVISIONS:

ISSUE DATE:

PLAN CHECK	03-08-23
BID	XX-XX-XX
CONSTRUCTION	XX-XX-XX

DRAWN BY: INGENIUM ENTERPRISES

PANDA PROJECT #: D24956
PANDA STORE #: TBD
CIVIL PROJECT #: 220148



INGENIUM ENTERPRISES, INC.
19445 SHUMARD OAK DR.
SUITE 102
LAND O LAKES, FL 34638
PHONE: (813) 387-0084

NCBES CERTIFICATE #C-4114

STORM STRUCTURE TABLE				
STRUCTURE NAME	STRUCTURE TYPE	RIM ELEVATION	INVERT IN	INVERT OUT
A0	WO UNIT STUB-IN	657.85	652.50 (PA1)	
A1	JUNCTION BOX DETAIL 5, SHEET C04.3	657.62	652.85 (PA1.1) 652.85 (PA2)	652.65 (PA1)
A1.1	CURB INLET DETAIL 2, SHEET C04.4	657.45	653.20 (PA1.2)	653.01 (PA1.1)
A1.2	CURB INLET DETAIL 2, SHEET C04.4	660.00		655.00 (PA1.2)
A2	JUNCTION BOX DETAIL 5, SHEET C04.3	657.41	653.19 (PA3)	652.99 (PA2)
A3	JUNCTION BOX DETAIL 5, SHEET C04.3	657.29	653.74 (PA4) 653.74 (PA3.1)	653.54 (PA3)
A3.1	CURB INLET DETAIL 2, SHEET C04.4	657.79		653.89 (PA3.1)
A4	DROP GRATE INLET DETAIL 1, SHEET C04.4	660.67	655.54 (PA5)	655.34 (PA4)
A5	CURB INLET DETAIL 2, SHEET C04.4	660.94		655.61 (PA5)

STORM PIPE TABLE				
PIPE NAME	SIZE	LENGTH	SLOPE	MATERIAL
PA1	18"	15.09'	1.00%	HDPE
PA1.1	18"	15.42'	1.00%	HDPE
PA1.2	18"	179.35'	1.00%	HDPE
PA2	18"	13.46'	1.00%	HDPE
PA3	18"	35.71'	1.00%	HDPE
PA3.1	18"	14.37'	1.00%	HDPE
PA4	18"	159.71'	1.00%	HDPE
PA5	18"	6.64'	1.00%	HDPE

PIPE PROFILES II

C04.6

PANDA HOME REV4