

CONSTRUCTION HOURS: 7AM - 10 PM
PER CITY OF PUYALLUP

ON-SITE CONTACTS
HOME DEPOT
MANAGER: GARY HAMMERSON
(253) 770-9600

SOUTH HILL VILLAGE SHOPPING CENTER
ANKA DEVELOPMENT
CONTACT: ANDREW STRINGER
(206) 224-7611
ANDREWS@ANKAPROPERTY.COM

APPROVED

BY: CITY OF PUYALLUP
ENGINEERING DEPARTMENT

DATE: _____

NOTE: THIS APPROVAL IS VOID AFTER 1 YEAR FROM APPROVAL DATE.

THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE CITY ENGINEER.

SEE SHEET C-2.1 FOR
GRADING NOTES
STORM DRAINAGE NOTES
SITE GRADING NOTES
CITY OF PUYALLUP SITE NOTES
FOUNDATION SUBSURFACE PREPARATION NOTES
SCREEN WALL FILL NOTE

No.	Date	By	Revision Description

Designed By: JAC
Issue Date: 3/19/04
Drawn By: DMD/JKG
OTB
Checked By: JRG
Project No. 2000010.082



PacLand

1144 Eastlake Ave. E.
Suite 601
Seattle, WA 98109

T (206) 522-9510
F (206) 522-8244
www.PacLand.com

WALMART

STORE # 2403-02 EXPANSION
310 31ST AVE S.E.
PUYALLUP, WA 98374

GRADING AND DRAINAGE PLAN

C-2.0

STRUCTURE SCHEDULE			
#	TYPE	RIM	IE DATA
1	EXISTING STRUCTURE, NO CHANGE		
2	EX. 72" SDMH	EX. RIM = 441.54	EX. IE (15°N)=431.8 EX. IE (12°NE)= 435.1 EX. IE (24°E)= 431.3 EX. IE (8°E)=429.6 NEW IE (12°S)=434.0 EX. IE (12°SE)=434.2 EX. IE (12°SW)=434.2 EX. IE (12°W/RISE)=429.6
2A	EXISTING CB	EX. RIM = 439.71 ADJUST RIM TO 440.00	EX. IE. (24°E)=431.4 EX. IE. (24°W)=431.2
3	EX. SDMH	EX. RIM = 440.02 ADJUST RIM TO 441.12	EX. IE (24°W)=430.8 EX. IE (8°W)=429.6 EX. IE (12°SE)=PLUG EX. IE (36°E)=429.4 EX. IE (1-3/4")=436.7
4	EXISTING CB	EX. RIM = 438.46 ADJUST RIM TO 439.00	EX. IE (12°NW)=434.6
5	NEW CB TYPE I	RIM = 439.3	NEW IE (12°N)=435.3
6	NEW CB TYPE I	RIM = 439.4	NEW IE (12°)=435.4
7	NEW CB TYPE I	RIM = 439.5	NEW IE (12°)=434.69
8	NEW CB TYPE I	RIM = 439.14	NEW IE (12°W)=433.62 NEW IE (12°E)=432.56 NEW IE (12°SW)=430.30 NEW IE (12°NE)=430.30
9	NEW CB TYPE I	RIM = 439.5	NEW IE (12°W)=433.92
10	EX. SDMH	EX. RIM = 436.89 ADJUST TO 439.9 REPLACE W/SOLID LID	EX. IE (12°NW)=PLUG NEW IE (12°NE)=430.4 EX. IE (12°SE)=430.4
11	EX. SDMH	EX. RIM = 436.67 ADJUST TO 437.5	EX. IE (12°S)=431.1 EX. IE (12°NW)=431.1
12	NEW CB TYPE I	RIM = 436.95	NEW IE (12°)=433.10
13	NEW CB TYPE I	RIM = 437.64	NEW IE (12°)=433.28
14	EX. SDMH	EX. RIM = 439.69 ADJUST SOLID LID RIM TO 442.85	EX. IE (36°W)=429.4 EX. IE (24°SE)=429.3
15	EX. SDMH	EX. RIM = 439.53 ADJUST RIM TO 441.95	EX. IE (36°E)=429.2 EX. IE (24°NW)=429.3
16	EX. SDMH	EX. RIM = 439.06 ADJUST RIM TO 442.16	EX. IE (36°W)=428.9 EX. IE (36°SE)=428.8
17	EX. SDMH	EX. RIM = 439.19 ADJUST RIM TO 440.47	EX. IE (36°E)=428.7 EX. IE (36°NW)=428.7
18	EX. SDMH	EX. RIM = 437.83 ADJUST RIM TO 438.96	EX. IE (36°W)=429.5 EX. IE (36°E)=429.6 NEW IE (12°SW)=429.6
19	EX. SDMH	EX. RIM = 437.53 ADJUST RIM TO 439.28	EX. IE (36°SW)=429.2 EX. IE (36°N)=429.1
20	EX. SDMH	EX. RIM = 437.30 ADJUST RIM TO 441.10 (REPLACE LID WITH GRATE)	NEW IE (12°W)=437.1 EX. IE (36°S)=428.8 EX. IE (36°N)=429.2
21	NEW CB TYPE I	RIM = 441.33	NEW (6°NW)=437.83 NEW (12°E)=437.33
22	EX. SDMH - FCS	EX. RIM = 437.25 ADJUST RIM TO 443.10	EX. IE (36°S)=429.55 EX. IE (18°N)=429.85 TOP OF EX. W-E WALL INSIDE=434.0 EX. IE (4 - 4"PIPS IN WALL)=432.35 NEW (12° NW) = 435.74
23	EX. SDMH	EX. RIM = 437.27 ADJUST RIM TO 437.0	EX. IE (18° S) = 429.3 EX. IE (18° E) = 429.1
24	EX. SDMH	EX. RIM = 438.62 ADJUST RIM TO 443.35	EX. IE (12° N) = 435.8 EX. IE (12° NW) = 435.8 EX. IE (12° W) = PLUG EX. IE (12° SE) = 435.8 EX. IE (RD L SW) = 435.8
25	EX. SDMH	EX. RIM = 438.3	EX. IE (12° N) = 434.0 EX. IE (12° E) = 434.4 NEW IE (8°S) = 435.0 NEW IE (12°E) = 435.5
26	NEW CB TYPE I	RIM = 440.1	I.E. =435.64
27	NEW CB TYPE I	RIM = 440.5	I.E. =436.8
28	NEW CB TYPE I	RIM = 442.0	I.E. = 436.9

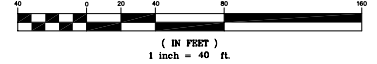
PIPE SCHEDULE			
PIPE #	DIAMETER	LENGTH (FT.)	SLOPE (F.T./F.T.)
1	12"	60	0.022
2	12"	142	0.005
3	12"	153	0.005
4	12"	51	0.006
5	12"	108	0.005
6	12"	37	0.005
7	12"	20	0.005
8	12"	45	0.015
9	12"	8	0.029
10	10" D.I.	160	0.063
11	10" D.I.	38	0.026
12	12"	13	0.005
13	8"	11	0.045
14	12"	65	0.005
15	12"	233	0.005
16	12"	6	0.017

ASSUMED TOP OF WALL BASED
ON ADJUSTMENT = 437.3'

**SURVEYED MANHOLE
USED FOR ADJUSTMENT
ASSUMPTIONS**

+/- 3.3' = ASSUMED ADJ.

EXIST. SDMH
Rim = 443.03
Inv In 36"ROP(N) = 432.95
Inv In 12"ROP(SW) = 432.93
Inv Out 36"ROP(W) = 432.85



EXISTING STORM DRAIN PIPE
FINISHED FLOOR ELEVATION FFE
FLOW CONTROL STRUCTURE FCS
DOWN SPOUT DS