

DEVELOPER'S CERTIFICATION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING

Paul W. Keidrel, FOR:

ENGINEER'S CERTIFICATION " I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY

PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL

THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS

CONSERVATION DISTRICT.

GP-08-071

PROVIDED IN ACCORDANCE WITH THE MEASURES SHOWN & INDICATED ON SHEETS 4 & 5 OF THE SITE DEVELOPMENT PLAN, SDP-08-057.

NOTE: SEDIMENT & EROSION CONTROL SHALL BE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL & STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AND AS SHOWN ON SDP-08-057.

Ica Crustal, LL

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PLANNING AND ZONING





DESIGNED BY:	\$ \(\sigma_{\psi} \)		The second of th
B.C.R.			
DRAWN BY :	PEC	A	REVIEW CONTRACT TITLE: "PARCEL K" & "BUILDING 8"
	KU	13	WITHIN QUANTITIES, ADD HEAS/TOTALS & REVISE TIEM TOTALS
P.W.K.	W.	A	ADD GENERAL NOTE RE WHO FOR COMMUNITY CENTER
DATE:	KU	Λ	REMSE NO. OF CONDOMINIUM BUILDINGS IN CONTRACT TITLE
MAY, 2008	вү	NO.	REVISION
	B.C.R. DRAWN BY: B.C.R. CHECKED BY: P.W.K. DATE:	B.C.R. DRAWN BY: B.C.R. CHECKED BY: P.W.K. DATE:	B.C.R. DRAWN BY: B.C.R. CHECKED BY: P.W.K. DATE: B.C.R. FCC A FCC

"HARDING ROAL

CONTRACT NO. 24-4542-D

CHERRYTREE PARK

CONDOMINIUM BUILDINGS 1 THRU 8 A

WATER & SEWER MAIN EXTENSIONS

HOWARD COUNTY, MARYLAND

WATER & SEWER MAIN EXTENSIONS TITLE SHEET

600' SCALE MAP NO. 46 BLOCK NO. F.C.C. WORK ORDER NO. ____04041

GENERAL NOTES

N 539,900

N 535,200

PLAN REFERENCE NUMBERS:

5P-06-17

5DP-07-051 (MASS GRADING)

F-08-170 (RECORD PLAT)

5DP-08-057

HARDING ROAD

TO INTERSTATE 95

COURT

. APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED ON OR ABOUT FEBRUARY. 2006 BY FISHER. COLLINS & CARTER. INC.

BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 44BB & NO. 44CA. SEE THIS SHEET FOR BENCHMARK INFORMATION. ALL VERTICAL CONTROLS ARE BASED ON NAVD '00. VERTICAL CONTROLS ARE BASED ON TRAVERSE POINT NO. 25. AN IRON PIPE SET ON THE NORTH END OF THE SITE, SET BEHIND AN EXISTING DUMPSTER PAD. ELEV. = 431.47. . ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

5. CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES, CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF THE ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES

6. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL. VOLUME IV. STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB SITE.

. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL 🕏 AT THE LOCATIONS OF THE TEST PITS. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.

8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

BGE (CONSTRUCTION SERVICES) 410-850-4620 BGE (EMERGENCY) 410-605-1400 BUREAU OF UTILITIES 410-313-4900 COLONIAL PIPELINE CO 410-795-1390 MISS UTILITY 1-800-257-7777 STATE HIGHWAY ADMINISTRATION 410-531-5533 VERIZON 1-800-743-0033/410-224-9210

9. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.

10. CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION, PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONSTRUCTION OF THE MAIN. 11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)-313-7450 AT LEAST FIVE WORKING DAYS

BEFORE OPEN CUTTING OR BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD

PART II: WATER

1. ALL WATER MAINS SHALL BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED. 2. TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED.

3. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES. 4. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE

PROVIDED FOR ON THE DRAWINGS. 5. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE

INSTALLED IN ACCORDANCE WITH STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS.

6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM. 7. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE

8. THE COMMUNITY CENTER SHALL HAVE A 1-1/2" WATER HOUSE CONNECTION WITH A 1" OUTSIDE METER SETTINGS STD. DETAIL 14-3.28. PART III: SEWER

1. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.

2. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED. 3. FORCE MAINS SHALL BE D.LP. ONLY.

4. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.

5. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

6. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT THE CELLAR CANNOT BE SERVED.

BENCHMARK INFORMATION

B.M.*1 - HOWARD COUNTY CONTROL STATION *4688 (NAD '83)
(LOCATED IN THE TRAFFIC CIRCLE OF MARYLAND ROUTE 216 & ICE CRYSTAL DRIVE)

E 1,341,329.1564 ELEVATION = 422.636

ELEVATION = 399.965

B.M.*2 - HOWARD COUNTY CONTROL STATION *46CA (NAD '03)
(LOCATED ALONG THE NORTH SIDE OF SCAGGSVILLE ROAD. APPROX. 4' OFF THE EDGE OF PAVING, IN FRONT OF HOUSE *10946) N 538,001.853 E 1,343,059.945

> DEVELOPER ICE CRYSTAL, L.L.C. 9935-P COLUMBIA 100 PARKWAY COLUMBIA, MARYLAND 21045 (410) 730-0910 ATTN: MR. JOHN LIPARINI

CHERRYTREE PARK BULK PARCEL'K' A CONDOMINIUM BUILDINGS 1 THRU & WATER & SEWER MAIN EXTENSIONS HOWARD COUNTY, MARYLAND

CONTRACT NO. 24-4542-D

CHERRYTREE PARK BULK PARCEL 'K' A PHASES I & IF

HOWARD COUNTY, MARYLAND

CONDOMINIUM BUILDINGS 1 THRU & WATER & SEWER MAIN EXTENSIONS CONTRACT NO. 24-4542-D SIXTH ELECTION DISTRICT

SHEET OF 4

SCALE

A5

SHOWN

PROJECT:

CHERRYTREE PARK BULK PARCEL 'K' /4\

WATER & SEWER MAIN EXTENSIONS

HOWARD COUNTY, MARYLAND CONTRACT NO. 24-4542-D

BULK PARCEL

PHASES I

HILL CREST

HOWARD COUNTY CONTROL STATION NO. 46CA

HOWARD COUNTY

CONTROL STATION

NO. 46BB

DATE FILE NAME: WATER & SEWER MAIN EXTENSION TITLE SHEET

6.16.8 DATE

N 539,900

NO. OF WATER HOUSE CONNECTIONS:

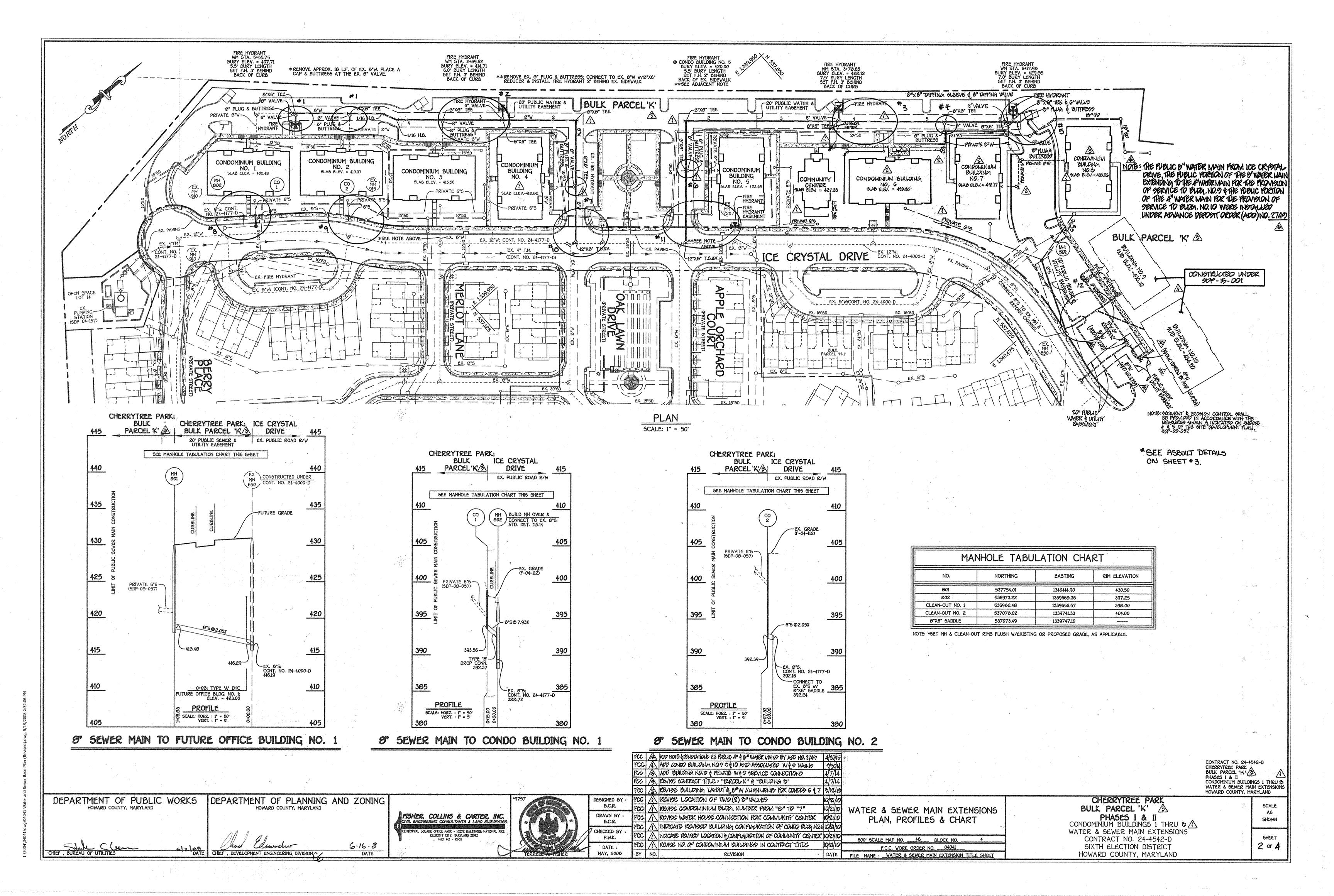
NO. OF SEWER HOUSE CONNECTIONS: ___

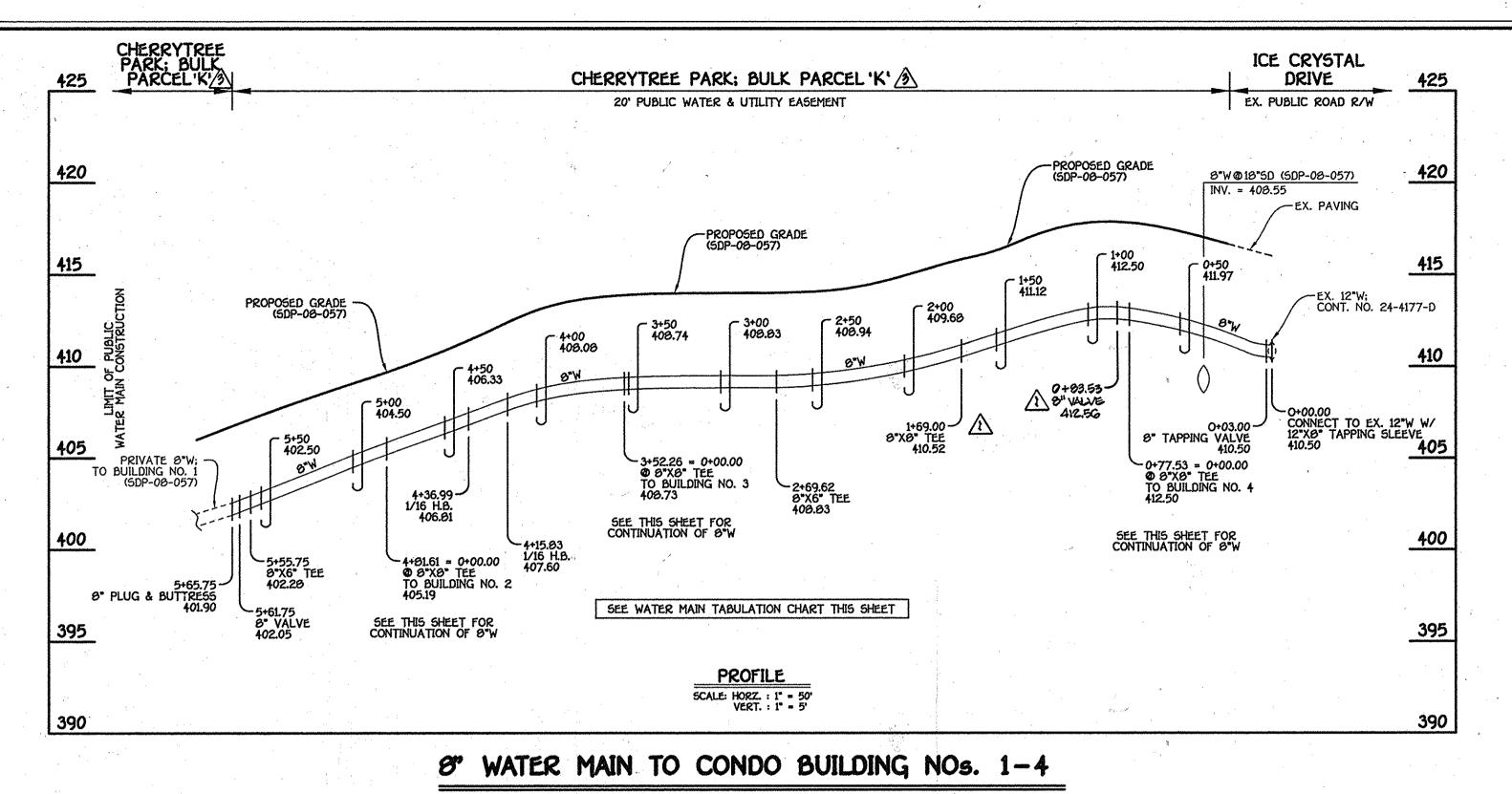
DRAINAGE AREA: LITTLE PATUXENT

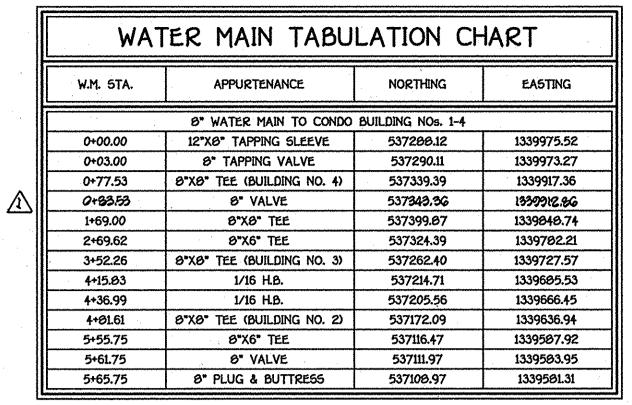
NUMBER OF LOTS:

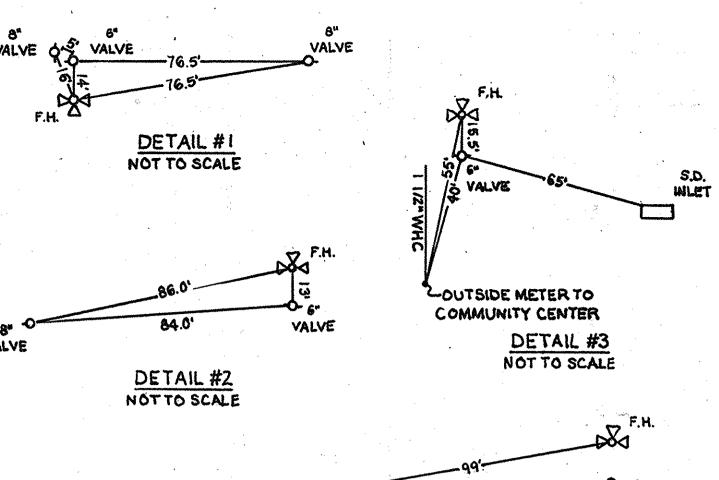
TYPE OF BUILDING: AGE RESTRICTED ADULT HOUSING CONDOMINIUM BUILDINGS

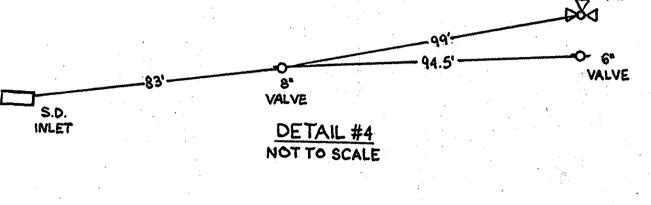
TREATMENT PLANT: LITTLE PATUXENT WATER RECLAMATION PLANT: SAVAGE MARYLAND

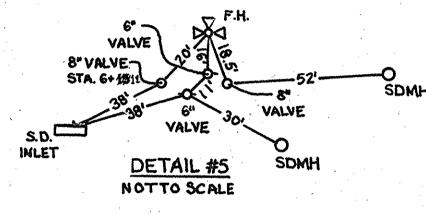




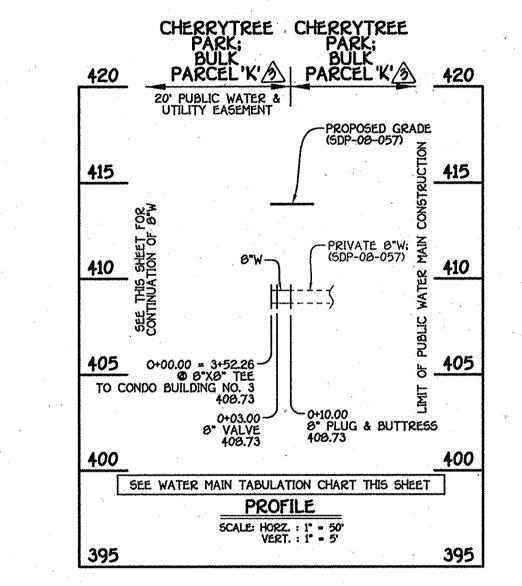


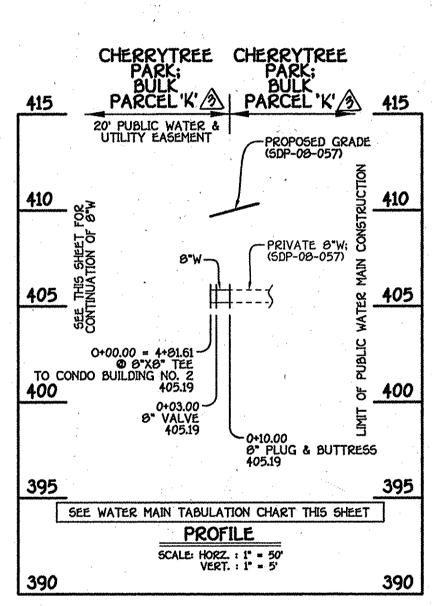


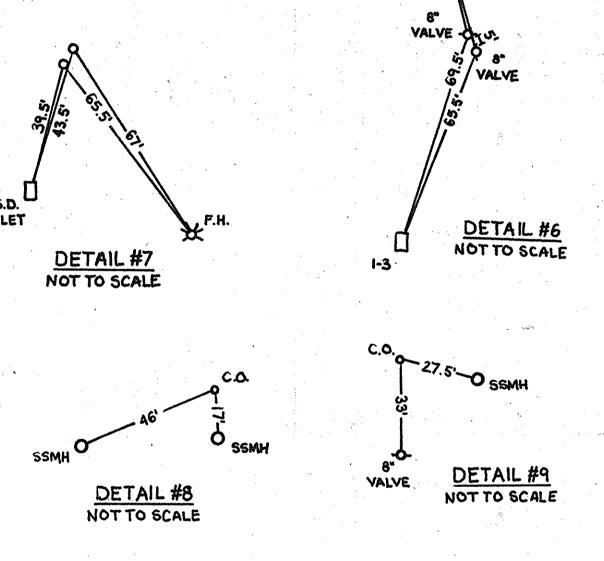




PROPOSED GRADE (SDP-08-057) 420 PRIVATE 8"W: (SDP-08-057) 0+00.00 = 0+77.53 41 00"X0" TEE TO CONDO BUILDING NO. 4 412.50







8" WATER MAIN TO CONDO BUILDING NO. 4

SEE WATER MAIN TABULATION CHART THIS SHEET

SCALE: HORZ : 1" = 50' VERT. : 1" = 5'

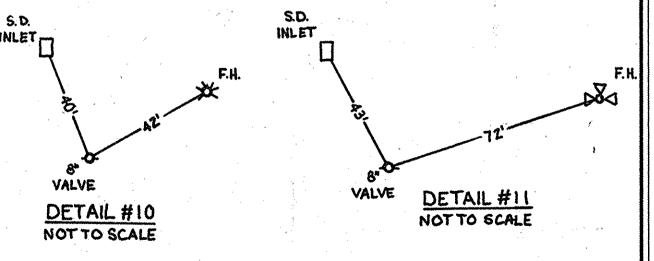
TAW	ER MAIN TABU	LATION CH	HART
W.M. STA.	APPURTENANCE	NORTHING	EASTING
	8" WATER MAIN TO COND	O BUILDING NO. 4	
0+00.00	6"x0" Tee	537339.40	1339917.36
0+03.00	8" VALVE	537337.14	1339915.38
· 0+10.00	Ø" PLUG & BUTTRESS	537331.09	1339910.75

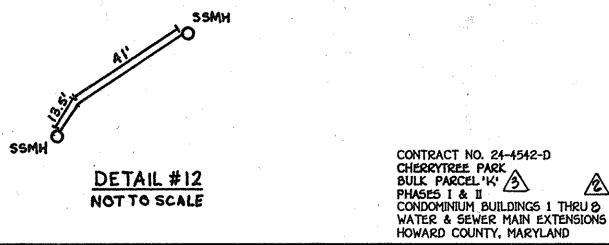
8"	WATER	MAIN	TO	CONDO	BUILDING	NO.	3
	····						

WAT	TER MAIN TABU	LATION CH	IART		
W.M. STA.	APPURTENANCE	NORTHING	EASTING		
,	6" WATER MAIN TO CONDO	BUILDING NO. 3			
0+00.00	0°X0° TEE	537262.40	1339727.57		
0+03.00	8" VALVE	537260.41	1339729.02		
0+10.00	00 Ø" PLUG & BUTTRESS 537255.79 1339735				



WAT	TER MAIN TABU	LATION CH	HART
w.m. sta.	APPURTENANCE	NORTHING	EASTING
	0" WATER MAIN TO COND	D BUILDING NO. 2	
0+00.00	0°x0° Tee	537172.09	1339636.94
0+03.00	8" VALVE	537170.10	1339639.20
0+10.00	Ø" PLUG & BUTTRESS	537165.40	1339644.44





DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

FISHER, COLLINS & CARTER, INC.

. 25 E	9757
	TERRELL A. FISHER

DESIGNED BY :				
B.C.R.				
DRAWN BY :	:	,		,
8.C.R.	100	13	renge contract title: "parcel K" & "building 8"	4
CHECKED BY : P.W.K.	FCC	沧	rease no. Of condominium buildings in contract titl	LE 10
DATE:	FEL	A	kense location of 8"value .	ID/

WATER MAIN EXTENSIONS PROFILES & CHARTS

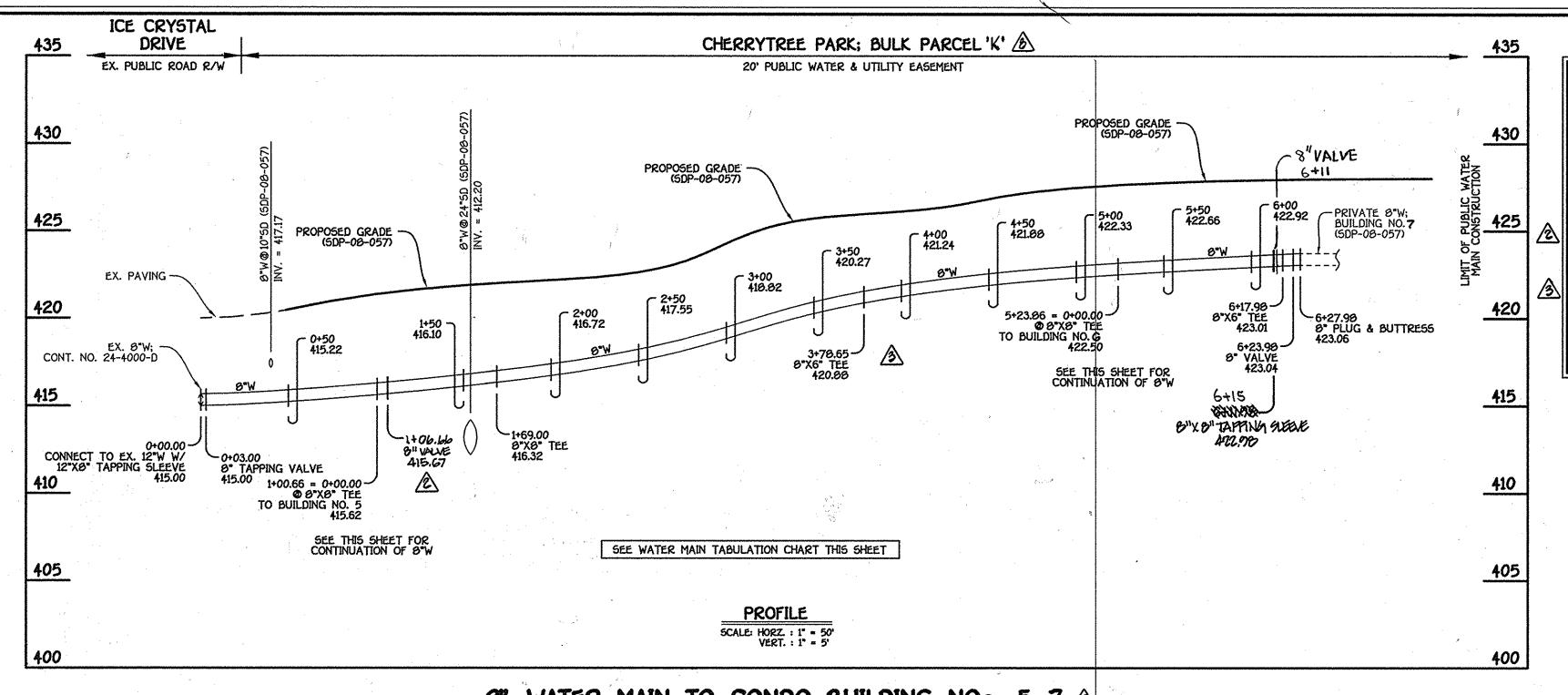
CHERRYTREE PARK BULK PARCEL 'K' A
PHASES I & II
CONDOMINIUM BUILDINGS 1 THRU 8 A WATER & SEWER MAIN EXTENSIONS CONTRACT NO. 24-4542-D SIXTH ELECTION DISTRICT

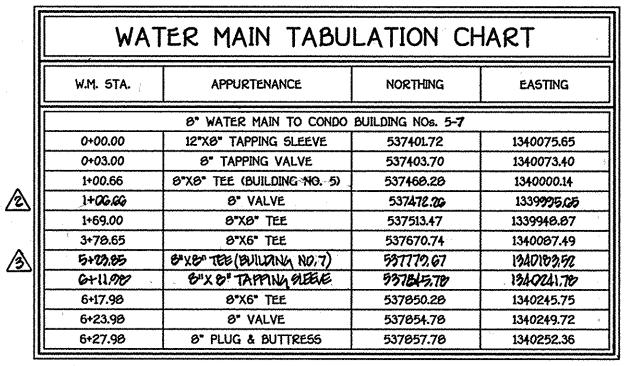
SCALE SHOWN SHEET 3 of 4

REVISION

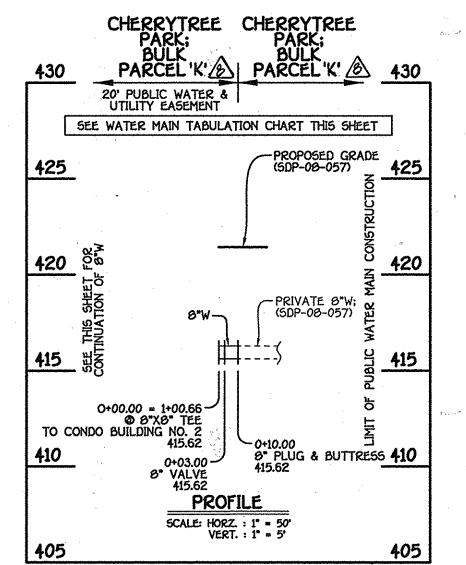
MAY, 2008 BY NO.

F.C.C. WORK ORDER NO. ____04041 DATE FILE NAME: WATER & SEWER MAIN EXTENSION TITLE SHEET HOWARD COUNTY, MARYLAND





8" WATER MAIN TO CONDO BUILDING NOS. 5-7 🛆





CHERRYTREE PARK; BULK PARCEL'K' (A) 430	φ		CHERRYTREE PARK; BULK 435 PARCEL 'K'	PARK; BULK	35_
PROPOSED GRADE (SDP-08-057) 425			20' PUBLIC WATER UTILITY EASEMENT	ATION CHART THIS SHEET PROPOSED GRADE (5DP-00-057)	
WAIN CONSTRUCTION		**************************************	425 SO SO S	-PRIVATE	25
PRIVATE 0"W; W (SDP-08-057)	*		420 SEE THIS SHEET CONTINUATION OF WAR	WAR WAR	20
0+10.00 8" PLUG & BUTTRESS 410 415.62	Execution (Control of Control of		TO CONDO BUILDING NO. 421.09 415 0+03.00 8" VALVE 421.09	PLUG & BUTTRESS 4	15
: 1" = 50' :: 1" = 5' 405	NO.	5 <i>8</i> " WAT	410	ONDO VILDIN	10

/100	1 147-0	A A 4 4 A 4	4	CONOC	THE OWNER	N 10	~ ^
8	WATER	MAIN		CONDO	UILDING	NO.	6 🙆

435	PARK; PA BULK BU PARCEL 'K'/8\ PARC	LK
709	20' PUBLIC WATER & UTILITY EASEMENT	
430	PROI (SDP	POSED GRADE -00-057) NOLUNALSNOO
425	SET S.M. (SDE	/ATE 0"W; \$ 425
420	0+00.00 = 5+23.06 0 0"X0" TEE NDO BUILDING NO.0 422.50	-08-057) 420 MATER 420
415	0+10.00	G & BUTTRESS 415
	SEE WATER MAIN TABULATION CHAR' PROFILE SCALE: HORZ.: 1" = 50" VERT.: 1" = 5"	T THIS SHEET
410	Table 4 " J	410

		•			•		
8"	WATER	MAIN	TO	CONDO	BUILDING	NO.	6

	CHER	REYTREE	CHERRY	TREE	į.
435	PAK 20' F	YARK; YULK YELIC WATER Y EASEMENT	PARCE		43
430	AP POR			6 - 057)	430
405 g	FOR CONTINUE	0°W-	PRIVA (907-	TE 6"W Z 00-057) X XX	<u>42)</u>
@	ondo buil	LDING NO.7	0+10.0		421
415	BITA	0403:00 MING VALLE ATTEME	6"RUM & 422 M	bulkes Find	415
410	gee water	MAIN TABULA PROM SCALE: HO		}	410

90	WATER	MAIN	TO	CONDO	BUILDING	NO.	6	A & WATER MAIN TO CONDO BUILDING NO	7.7

WAT	TER MAIN TABU	LATION CH	IART
W.M. STA.	APPURTENANCE	NORTHING	EASTING
	6" WATER MAIN TO CONDO	BUILDING NO. 5	3
0+00.00	0"x0" Tee	537468.28	1340000.14
0+03.00	8" VALVE	537470.53	1340002.12
0+10.00	0" PLUG & BUTTRESS	537475.78	1340006.75

WAT	TER AIN TABL	JLATION	HART	
W.M. STA.	APPURTENANCE	NORTHING	EASTING	
	8" WATER MAIN TO CON	DO BUILDING NO. 6		ᆌ
0+00.00	0"x0" Tee	537679.65	095.35	Π
0+03.00	6" VALVE	537677.67	1 77.60	71
0+10.0	O" PLUG & BUTTRESS	537673.04	134 35	7

WAT	ER MAIN TABL	JLATION CH	HART
W.M. STA.	APPURTENANCE	NORTHING	EASTING
	8" WATER MAIN TO CON	OO BUILDING NO. 6	
0+00.00	0"x0" tee	537779.67	1340103.52
0+03.00	8" VALVE	537777.69	1340105.77
0+10.00	8" PLUG & BUTTRESS	537773.06	1340191.02

	TER MAIN TABU	OFTITION O	11/1/21
W.M.GTA.	APPURTENANCE	Northing	EASTING
	8"WATER MAIN TO CON	100 building no	.7
0+00,00	8"X8" TAPPING GLEBE	537845.78	1340241.78
0+03,00	8"TAPANY VALLE	937843,79	1340244.03
0+10,00	8" PLUG & BUTTRESS	537839,16	1340249,29

CONTRACT NO. 24-4542-D
CHERRYTREE PARK
BULK PARCEL 'K'
PHASES 1 & II
CONDOMINIUM BUILDINGS 1 THRU &
WATER & SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

CHIEF , DEVELOPMENT ENGINEERING DIVISION /

F15HER, COLLINS & CARTER, INC.

**	757
_	TERRELL A. FISHER

		rec	1	REAGE CONTRACT TITLE: "PARCEL K" & "BUILDING 8"	4/7/
		FCC	A	add revised profile & chart for condo building No.7	3/14
	DESIGNED BY :	FCC	(3)	belete unneeded 8"W connection, profile & CHART	3/12/
	B.C.R.	FCC	爲	revise 6" water main propile	10/21/
	DRAWN BY :	FCC	4	DOLETE O"WATER MAIN PROFILE OF UNUSED WATER HOUSE CONN.	10/21
	B.C.R.	FCC	3	DELETE UNUSED 8" WATER HOUSE CONNECTION	10/21/
	CHECKED BY : P.W.K.	FCC	2	REVISE LOCATION OF 8"VALVE	10/21/
	DATE:	FCC	A	revise no. Of compominium buildings in contract title	10/21
-	MAY, 2008	вү	NO.	REVISION	DAT

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WATER MAIN EXTENSIONS	
PROFILES & CHARTS	

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	600'	5CA	LE	MAP	NO)	46	ß	LOCK	NO		4	·
			F.	C.C.	WO	RK	ORDER	NO.	04	041			
FI	LE N	AME	:	WA"	TER	&	SEWER	MAIN	EXTE	NSION	TITLE	SHEET	

CHERRYTREE PARK
BULK PARCEL 'K' 🙆
PHASES I & II
CONDOMINIUM BUILDINGS 1 THRU &
WATER & SEWER MAIN EXTENSIONS
CONTRACT NO. 24-4542-D
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND