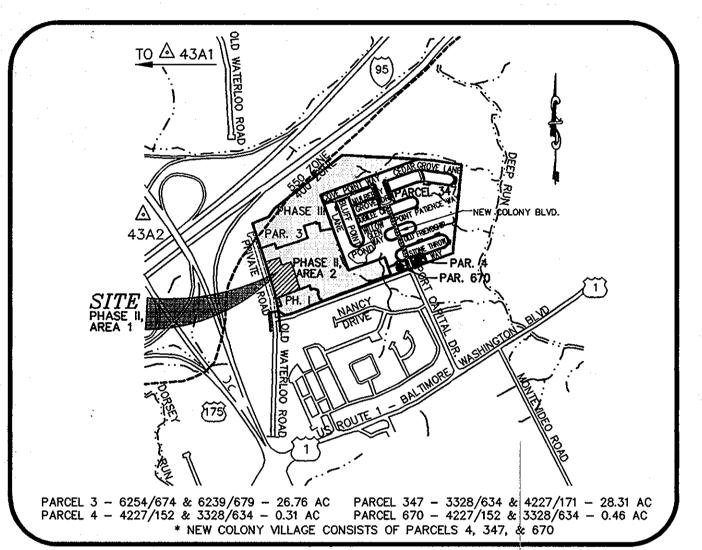
SHEET INDEX							
SHEET	TITLE						
1	COVER SHEET						
- 2	GRADING & SEDIMENT CONTROL PLAN						
3	SEDIMENT CONTROL NOTES AND DETAILS						
4	INLET DRAINAGE AREA MAP						
5	STORM DRAIN & SEWER PROFILES						
6	ROAD PROFILES & BUILDING AND NOISE WALL DETAILS						
7	LANDSCAPE PLAN						

ADD	RESS	CHART
UNIT NO.	STREET	ADDRESS
83	7028 OAK	GROVE WAY
84	7026 OAK	GROVE WAY
85	7024 OAK	GROVE WAY
86	7022 OAK	GROVE WAY
87	7020 OAK	GROVE WAY
88	7018 OAK	
89	7014 OAK	
90	7012 OAK	
91	7010 OAK	
92	7008 OAK	
93	7006 OAK	
94	7004 OAK	
95	7002 OAK	
96	7003 OAK	
97	7005 OAK	
98	7007 OAK	
99	7009 OAK	
100	7011 OAK	
101	7015 OAK	
102	7017 OAK	
103	7019 OAK	
104	7021 OAK	GROVE WAY
105	7023 OAK	
106	7027 OAK	
107	7029 OAK	
108	7031 OAK	
109	7033 OAK	GROVE WAY
110	7035 OAK	
111	7037 OAK	
112	7039 OAK	GROVE WAY

SITE DEVELOPMENT PLAN VILLAGE TOWNS PHASE II, AREA 1, UNITS 83 THRU 112 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

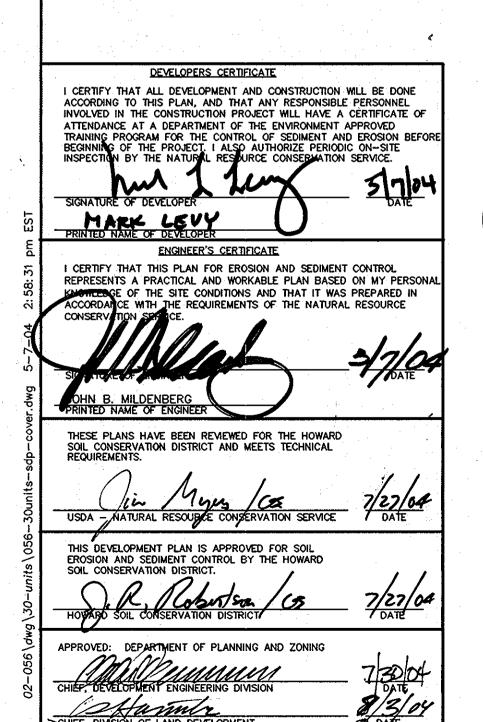


SCALE: 1'=1000'

PHASE

ALL PHASES (TOTAL)

PHASE II, AREA 1 15% OF 30





FOR REVISION NO. I MORRIS & RITCHIE ASSOCIATES, INC.

CIMI	m λ D T T λ m t \cap λ t	
3111.	TABULATION	
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	PHASE I (SDP-01-121)	PHASE II, AREA 1 (SDP-04-54)	PHASES I & I. (AREA 1)
AREA	1.91 Ac.	2.16 Ac.	4.07 Ac.
ZONING	R-MH	R-MH	R-MH
PROPOSED USE	SFA	SFA	SFA
AREA OF 100 YEAR FLOODPLAIN	O Ac.	O Ac.	O Ac.
AREA OF 25% OR GREATER SLOPES	O Ac.	O Ac.	O Ac.
NET AREA	1.91 Ac.	2.16 Ac.	4.07 Ac.
NO. OF UNITS ALLOWED (15 UNITS PER NET ACRE)	28	32	60
NO. OF UNITS PROPOSED	20	30	50
OPEN SPACE REQUIRED	0.48 Ac.	0.54 Ac.	1.02 Ac.
OPEN SPACE PROVIDED	0.50 Ac.	0.52 Ac.	1.02 Ac.
RECREATION OPEN SPACE REQUIRED - PASSIVE (125 SF PER UNIT FOR PH I & 400 SF PER UNIT FOR PH II) - ACTIVE (10 SF PER UNIT)	3,500 SF PASSIVE (200 SF ACTIVE) *SEE NOTE BELOW.	12,000 SF PASSIVE (300 SF ACTIVE) *SEE NOTE BELOW.	15,500 SF PASSIVE (500 SF ACTIVE) *SEE NOTE BELOW.
RECREATION OPEN SPACE PROVIDED	0	0**	O**
RESIDENTIAL PARKING SPACES REQUIRED	40	60	100
RESIDENTIAL PARKING SPACES PROVIDED	42***	63***	105***

SPORTS COURTS OR FIELDS. PASSIVE RECREATION REFERS TO PARKS, SQUARES, OR OPEN GRASSED SPACES. ** A SPORTS COURT WILL BE PROVIDED UNDER THE FUTURE SITE DEVELOPMENT PLAN FOR THE REMAINDER OF PHASE II. *** PARKING PROVIDED INCLUDES PARKING IN GARAGES, DRIVEWAYS, COMMON PARKING AREAS, AND SINGLE PARKING SPACES. - 20 GARAGE SPACES, 11 DRIVEWAY SPACES, 10 COMMON PARKING SPACES, AND 1 SINGLE PARKING SPACE. PHASE II, AREA 1 - 17 GARAGE SPACES, 17 DRIVEWAY SPACES, 27 COMMON PARKING SPACES, AND 2 SINGLE PARKING SPACES. /I\ NOISE WALL REMOVED FROM BERM IN OLD WATERLOO ROAD. NOISE MITIGATION TO BE PROVIDED BY TOWNHOUSES LOCATED IN PHASE IV, SEE SKETCH PLAN 5-10-001.

PERCENTAGE (%) OF

MIHU UNITS PROPOSED

P	ERM.	T IN.	FORMATI	ON CH	ART
SUBDIVISION N	1	<i>j</i>	SECTION/AREA PHASE II/AREA		ARCEL NO. PARCEL 3
PLAT # OR L/F 6254/674	GRID #	ZONING R-MH	TAX MAP NO. 43	ELECT. DIST. FIRST	CENSUS TRACT 6012.02
WATER CODE B-	-01		SEWER CODE	2420000	

PERCENTAGE (%) OF # OF MIHU UNITS
MIHU UNITS REQUIRED REQUIRED

Folio 323 *

OF MIHU UNIT

PROPOSED

recorded in

LIBER B598

GENERAL NOTES:

- 1. THE SUBJECT PROPERTY IS ZONED R-MH PER THE 10/18/93 COMPREHENSIVE ZONING PLAN. 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS
- AND SPECIFICATIONS OF HOWARD COUNTY, AND MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- 3. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/ CONSTRUCTION INSPECTION DIVISION AT (410)-313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- 4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST
 - FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK: C&P TELEPHONE COMPANY (410) 725-9976 (410) 313-4900 HOWARD COUNTY BUREAU OF UTILITIES AT&T CABLE LOCATION DIVISION (410) 393-3533 BALTIMORE GAS & ELECTRIC (410) 685-0123 STATE HIGHWAY ADMINISTRATION (410) 531-5533
 - HOWARD COUNTY DEPT. OF PUBLIC WORKS! CONSTRUCTION INSPECTION DIVISION PROJECT BACKGROUND:
- LOCATION: TAX MAP 43 - PARCEL 3 - FIRST ELECTION DISTRICT. R-MH (DEVELOPED AS R-A-15) 26.76 AC. (INCLUDES REMAINING PHASE II & FUTURE PHASE III)
 2.16 AC. OR 94,136 SQ. FT. (PHASE II, AREA 1)
 RESIDENTIAL (SINGLE FAMILY ATTACHED). GROSS AREA OF TRACT: PROPOSED USE FOR SITE :
 - 0.52 ACRES (22,651 SQ.FT.) OR 24.1% RECREATIONAL OPEN SPACE REQUIRED: 300 SQ. FT. ACTIVE OR 12,000 SQ. FT. PASSIVE. RECREATIONAL OPEN SPACE PROVIDED: 0 SQ. FT. (4;200 SQ. FT. ACTIVE UNDER REMAINDER OF PHASE II). DPZ FILE NOS. : S-94-39; WP-96-32; SDP-96-20; SDP-97-03; SDP-97-88; SDP-97-114; SDP-97-115; SDP-01-121; SDP-02-044; WP-03-89; SDP-03-102; PLAT # 14327-14328 (F-00-168); PLAT # 14344-14345 (F-01-11).

0.54 ACRES OR 25%

(410) 313-1880

- 6. BOUNDARY AND TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN & MONUMENTED SURVEY ON OR ABOUT MARCH 1995 AND SUPPLEMENTED BY TOPOGRAPHIC SURVEY ON OR ABOUT/SEPTEMBER 2002 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
- 7. COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 43A1 & 43A2 E 1,370,625.810 MEDIAN OF RT 175 * STD. CONC. MON. SET FLUSH WITH SURFACE, SOUTH
- OF WEST BOUND LANE OF RT 175 WEST OF 1-95 8. ALL DRIVEWAY ENTRANCES FOR THIS PROJECT WILL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD
- DETAIL R 6.03. LOCAL TRAVELWAY PAVING IS TO BE TYPE P-2 PAVING, SEE DETAIL ON SHEET 3. 9. HOWARD COUNTY STANDARD R-3.01-MODIFIED COMBINATION CURB AND GUTTER WILL BE USED, UNLESS OTHERWISE NOTED.
- 10. ALL ROADS AND STORM DRAIN SYSTEMS IN THIS DEVELOPMENT ARE PRIVATE.
- 11. STORMWATER MANAGEMENT FOR THIS AREA PROVIDED UNDER SDP-96-20 BY A WET POND. WATER QUALITY AND QUANTITY IS BEING PROVIDED BOTH BY THE WET POND.
- 12. COMPACTION IN FILL AREAS TO BE 95% STANDARD PROCTOR AS DETERMINED PER AASHTO T-180.
- 13. CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
- 14. THERE ARE NO EXISTING STRUCTURES ON-SITE.
- 15. NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON-SITE PER THE HOWARD COUNTY HISTORIC SITES LIST DATED DECEMBER 1994 AND THE HOWARD COUNTY CEMETERIES AND GRAVESITES INVENTORY, RESOLUTION # 47-1994. TO THE BEST OF THE KNOWLEDGE OF THE CURRENT OWNER, NO GRAVES EXIST ON-SITE.
- 16. NO FLOODPLAIN EXISTS IN THIS AREA OF PHASE II.
- 17. NO WETLANDS EXIST IN THIS AREA OF PHASE II PER WETLAND DELINEATION PERFORMED BY HILLIS-CARNES ASSOCIATES, INC. AND APPROVED BY US ARMY CORPS OF ENGINEERS. REF. NO. 1996-01042-3 IN DECEMBER 2001. 18. PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT.
- 19. TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, INC. ON JUNE 15, 1995, APPROVED UNDER S-94-39. AN UPDATED TRAFFIC STUDY WAS PREPARED ON JUNE 9, 1998 BY THE TRAFFIC GROUP, INC. AND APPROVED UNDER NEW COLONY VILLAGE, PHASE 4, SDP-97-115.
- 20. NOISE STUDY AND MITIGATION WAS APPROVED AS PART OF THE NEW COLONY VILLAGE, PHASE 3 THRU 6, SDP-97-114,
- SDP-97-115, AND SDP-01-121. SEE SHEET 2 FOR NOISE MITIGATION PROVIDED. 21. ON SITE FOREST CONSERVATION EASEMENT 6.52 AC.(RETENTION) HAS BEEN PROVIDED UNDER NEW COLONY VILLAGE, PHASE 4 (SDP-97-115), A THIRD OF THE 20.67 ACRES
- OF REFORESTATION REQUIRED (6.89 ACRES) HAS BEEN SATISFIED VIA OFF-SITE REFORESTATION ON ROSEBAR PEOPERTY, PRESERVATION PARCEL A UNDER NEW COLONY VILLAGE, PHASE 4. THE REMAINING 13.78 ACREAS OF REFORESTATION REQUIRED HAS BEEN DIVIDED BETWEEN THE REMAINING PHASES OF THE PROJECT, ONE-THIRD OR 4.593 ACRES OF REFORESTATION WAS REQUIRED AS PART OF EACH PHASE. THIS REQUIREMENT HAS BEEN SATISFIED VIA PAYMENT OF A FEE-IN-LIEU OF REFORESTATION OF \$60,021,33 FOR PHASE 5 (SDP-00-70), PAYMENT OF FEE-IN-LIEU OF REFORESTATION OF \$100,035.54 FOR PHASE 6 (SDP-01-121), AND OFF-SITE REFORESTATION OF 4.543 ACRES ON ROMITI FARM, TAX MAP-2, PARCEL 61 (SEE P.O.F.CE., PLAT NO. 15440) FOR PHASE 7 (SDP-02-044).
- 22. PLAT OF FOREST CONSERVATION (FOR ON-SITE RETENTION) AND PUBLIC 100 YEAR FLOODPLAIN & UTILITY EASEMENT FOR NEW COLONY VILLAGE WAS RECORDED AS PLAT #14327-14328 (F-00-168). THE OFF-SITE REFORESTATION HAS BEEN RECORD AS REVISION PLAT FOR ROSEBAR PROPERTY, PRESERVATION PARCEL A, UNDER PLAT # 14344-14345 (F-01-11).
- 23. DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
- A) WIDTH 12 FEET (14 FEET SERVING MORE THAN ONE RESIDENT) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING. GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT RADIUS. STRUCTURES (CULVERT/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING). E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN
- 1 FOOT DEPTH OVER DRIVEWAY SURFACE. STRUCTURE CLEARANCES - MINIMUM 12 FEET
- MAINTENANCE SUFFICIENT TO ENSURE ALL WEATHER USE. 24. IF MATERIAL IS WITHIN 8% OF OPTIMUM MOISTURE, WORKING THE MATERIAL UNTIL REQUIRED COMPACTION
- IS ACHIEVED IS CONTRACTOR'S RESPONSIBILITY. 25. PER SECTION 128 OF THE ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS, OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACK PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT
- 26. ZONING AND SETBACK CRITERIA BASED ON R-A-15 AS ALLOWED UNDER R-MH ZONING
- SECTION 128.G. 27. THE INDIVIDUAL HOUSE SITES ARE RESTRICTED TO A MAXIMUM 40 FOOT HEIGHT FROM THE MEAN OF ROOF
- TO THE MEAN GRADE ALONG THE SIDE OF HOUSE. 28. NO DISTURBANCE CLEARING OR GRADING IS PERMITTED IN WETLAND, WETLAND & STREAM BUFFERS, FLOODPLAIN,
- 29. THE ENTIRE DEVELOPMENT EXCLUDING THE UNITS WILL BE OWNED BY ONE (1) ENTITY. THE OPERATION AND MAINTENANCE
- OF THE COMMON FEATURES/ELEMENTS WILL BE BY THAT SAME ENTITY, VILLAGE TOWNS CONDOMINIUM ASSOCIATION. 30. ALL WATER MAINS ARE PUBLIC UNDER CONTRACT #14-4125-D. SEWER MAINS ARE PRIVATE, SEE SHEET 5 OF 7.
- 31. WATER AND SEWER SERVICE TO THESE UNITS WILL BE GRANTED UNDER THE PROVISIONS OF SECTION 18.122B OF THE HOWARD COUNTY CODE. PUBLIC WATER AND PUBLIC SEWER ALLOCATION WILL BE GRANTED AT THE TIME OF THE ISSUANCE OF THE BUILDING PERMIT IF CAPACITY IS AVAILABLE AT THAT TIME.
- 32. PLANS FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM HAVE BEEN APPROVED BY THE DEPARTMENT OF THE ENVIRONMENT AND THESE FACILITIES WILL BE AVAILABLE TO ALL UNITS OFFERED FOR SALE. 33. EXISTING SEDIMENT CONTROL APPROVED UNDER SDP-96-20 AND SUPPLEMENTED BY PROPOSED ON-SITE CONTROLS
- UNDER THIS PLAN. CONSTRUCTION ASSOCIATED WITH THESE PLANS MUST BE COMPLETE PRIOR TO CONSTRUCTION OF FUTURE PHASES OF VILLAGE TOWNS WHICH REMOVE THE SEDIMENT CONTROLS ASSOCIATED WITH THIS PLAN.
- 34. ALL PLAN DIMENSIONS ARE TO THE BOTTOM FACE OF CURB, UNLESS OTHERWISE NOTED. 35. ALL SINGLE FAMILY ATTACHED UNIT GARAGES TO BE USED FOR THE PARKING OF MOTOR VEHICLES ONLY, IN
- ACCORDANCE WITH ZONING SECTION 133.D2a.
- 36. THE SINGLE PARKING SPACES SHOWN ON THESE PLANS ARE FOR UNITS 101 AND 106. 37. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTINGS.
- 38. THIS PROJECT IS SUBJECT TO WP-03-89, APPROVED ON OCTOBER 23, 2003, WAIVING SECTION 16.116(a)(1) AND 16.116(a)(2) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS TO PERMIT THE REMOVAL OF VEGETATIVE COVER AND GRADING IN FORESTED 25' WE'TLAND BUFFERS AND FORESTED 50' AND 75' STREAM BUFFERS FOR THE INSTALLATION OF A 48" CARRIER PIPE FOR A STORM DRAIN PIPE WHICH WILL DIRECT DRAINAGE FROM THE VILLAGE TOWNS, PHASE 2 PROJECT AREA TO EXISTING SWM #2 IN NEW COLONY VILLAGE, PHASE 4. APPROVAL SUBJECT TO:
- 1. COMPLIANCE WITH THE DED COMMENTS OF 10/21/03. 2. ANY REQUIRED 404/401 PERMITS/CERTIFICATES AND/OR MDE LETTER OF AUTHORIZATION MUST BE OBTAINED OR THE WAIVER PETITION APPROVAL SHALL BECOME NULL AND VOID.
- 3. NO WAIVERS TO THE SUBDIVISION REGULATIONS AND/OR DESIGN MANUAL WILL BE GRANTED FOR THE REDESIGN OR REVISION TO SWMF #2.
 THE 48" CARRIER PIPE FOR THE STORM DRAIN PIPE SHALL BE INSTALLED UNDER THE WETLAND AND STREAM BY 41. MIHU AGREEMENT
 - UTILIZATION OF THE 'JACK AND BORE' INSTALLATION METHOD/PROCEDURE. THE WAIVER APPLIES ONLY TO THE DISTURBANCES ASSOCIATED WITH THE INSTALLATION OF THAT PIPE. PARCEL 3 IS SUBJECT TO MODERATE INCOME HOUSING UNIT DECLARATION OF COVENANTS AND RESTRICTIONS
 - FOR THE TWENTY (20) UNITS PROPOSED UNDER SDP-01-121 RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AT LIBER 6725, FOLIO 0532. THESE DOCUMENTS STATE THAT VILLAGE TOWNS, PHASE I, UNITS 390, 391, AND 392 ARE SUBJECT TO THESE COVENANTS AND RESTRICTIONS. ADDITIONAL DOCUMENTS FOR VILLAGE TOWNS, PHASE II, AREA 1 HAVE BEEN RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AT LIBER \$578, FOLIO 310. THESE DOCUMENTS STATE THAT VILLAGE TOWNS, PHASE II, AREA 1, MIHLIUNITS ______ (5 UNITS) ARE SUBJECT TO THESE COVENANTS AND RESTRICTIONS, WILL BE LOCATED IN PHILAREA 2 40. FUTURE PUBLIC WATER AND UTILITY EASEMENTS NEED TO EXCLUDE PRIVATE SEWER AND STORM DRAIN LINES."

RYAN HOMES 11460 CRONRIDGE DRIVE, SUITE 128 OWINGS MILLS, MARYLAND 21117

(410) 654-0501

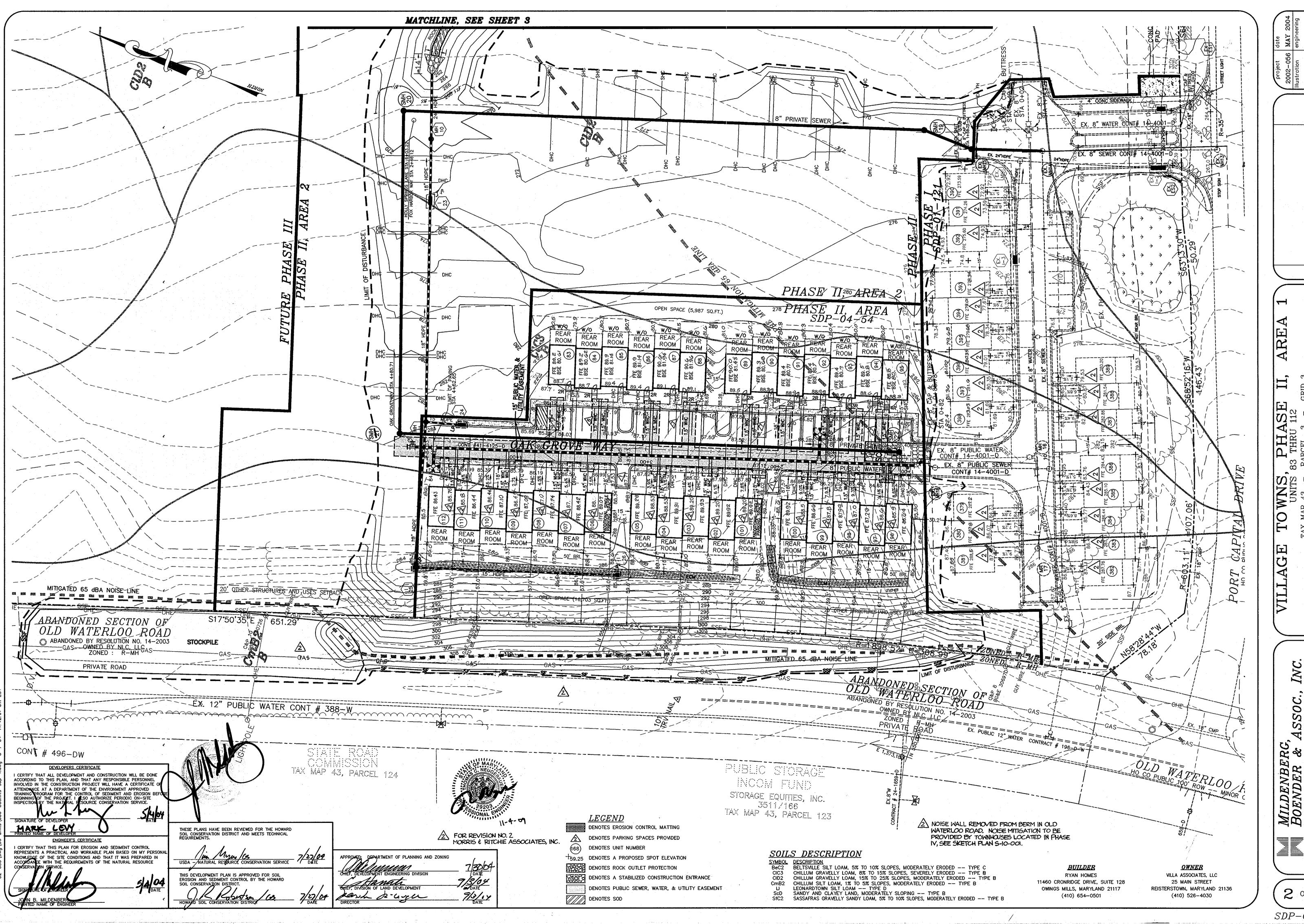
VILLA ASSOCIATES, LLC 25 MAIN STREET REISTERSTOWN, MARYLAND 21136 (410) 526-4030

<u>OWNER</u>

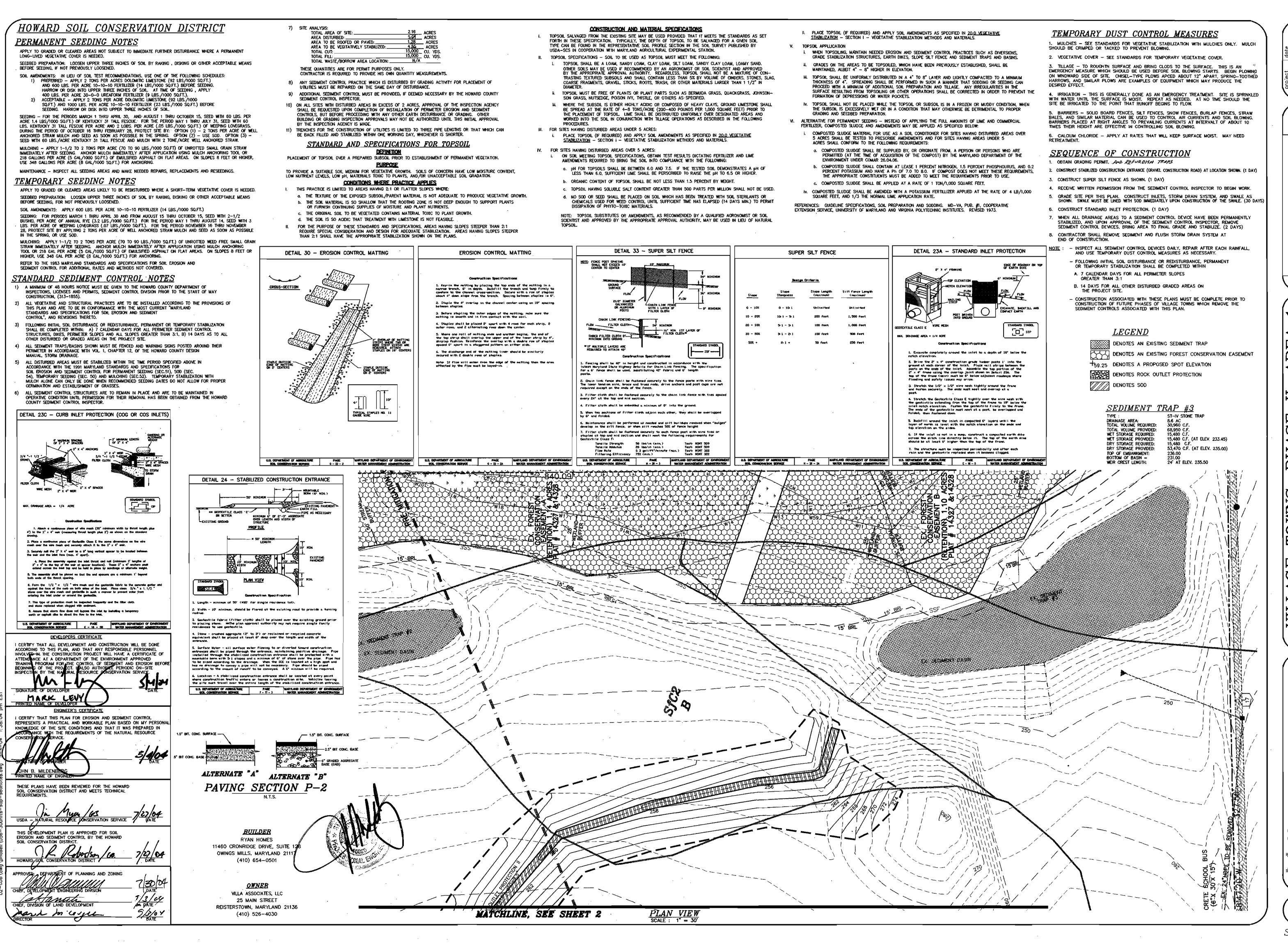
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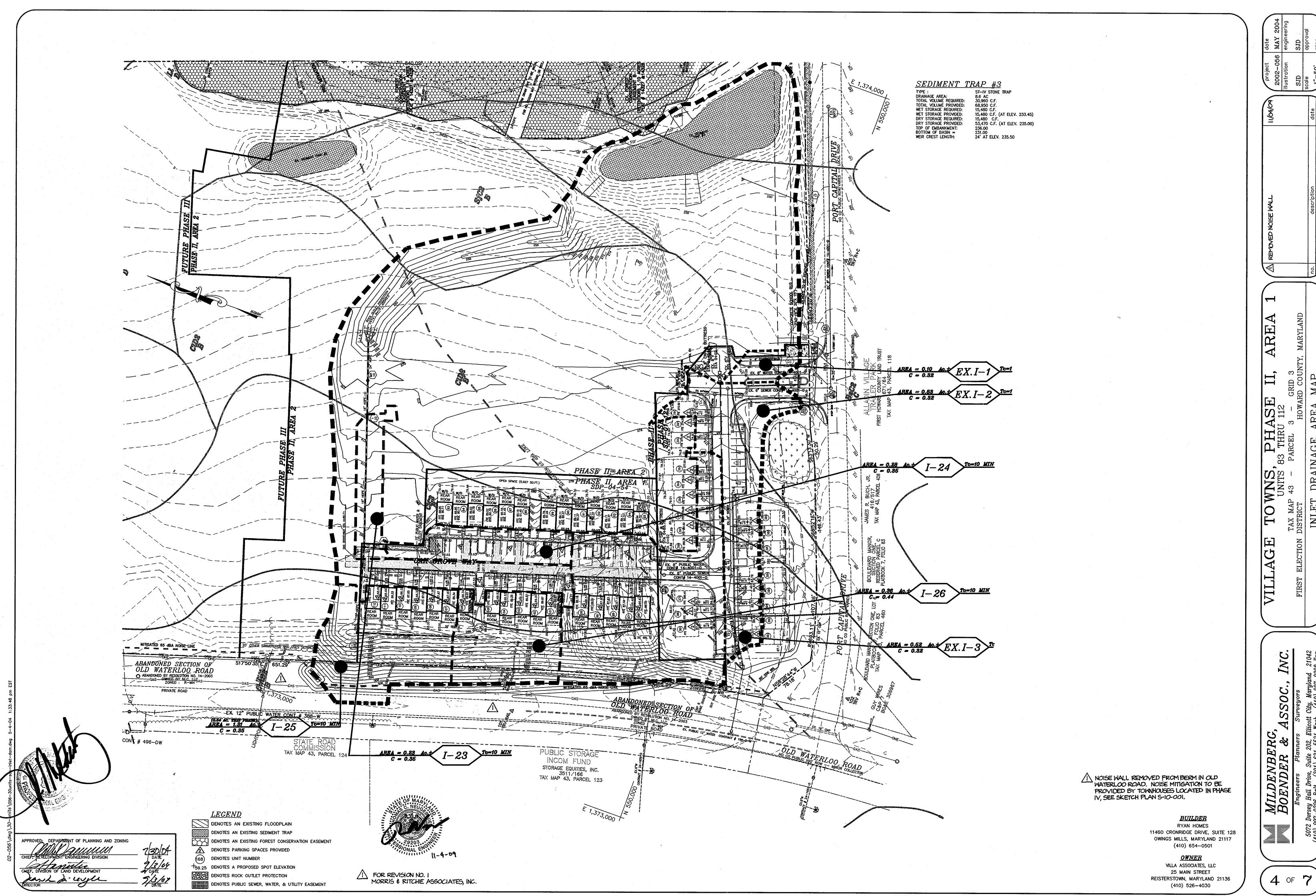


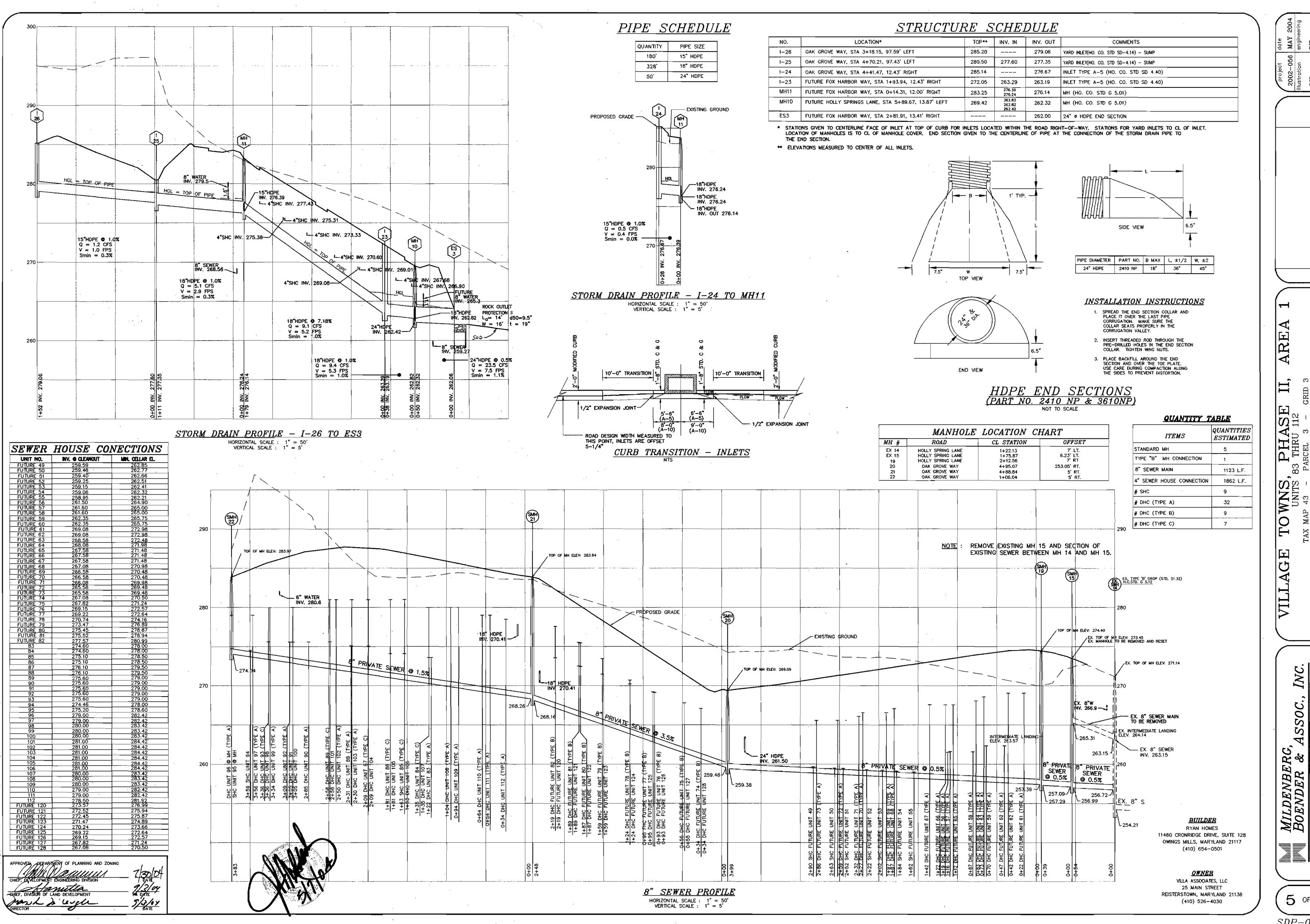
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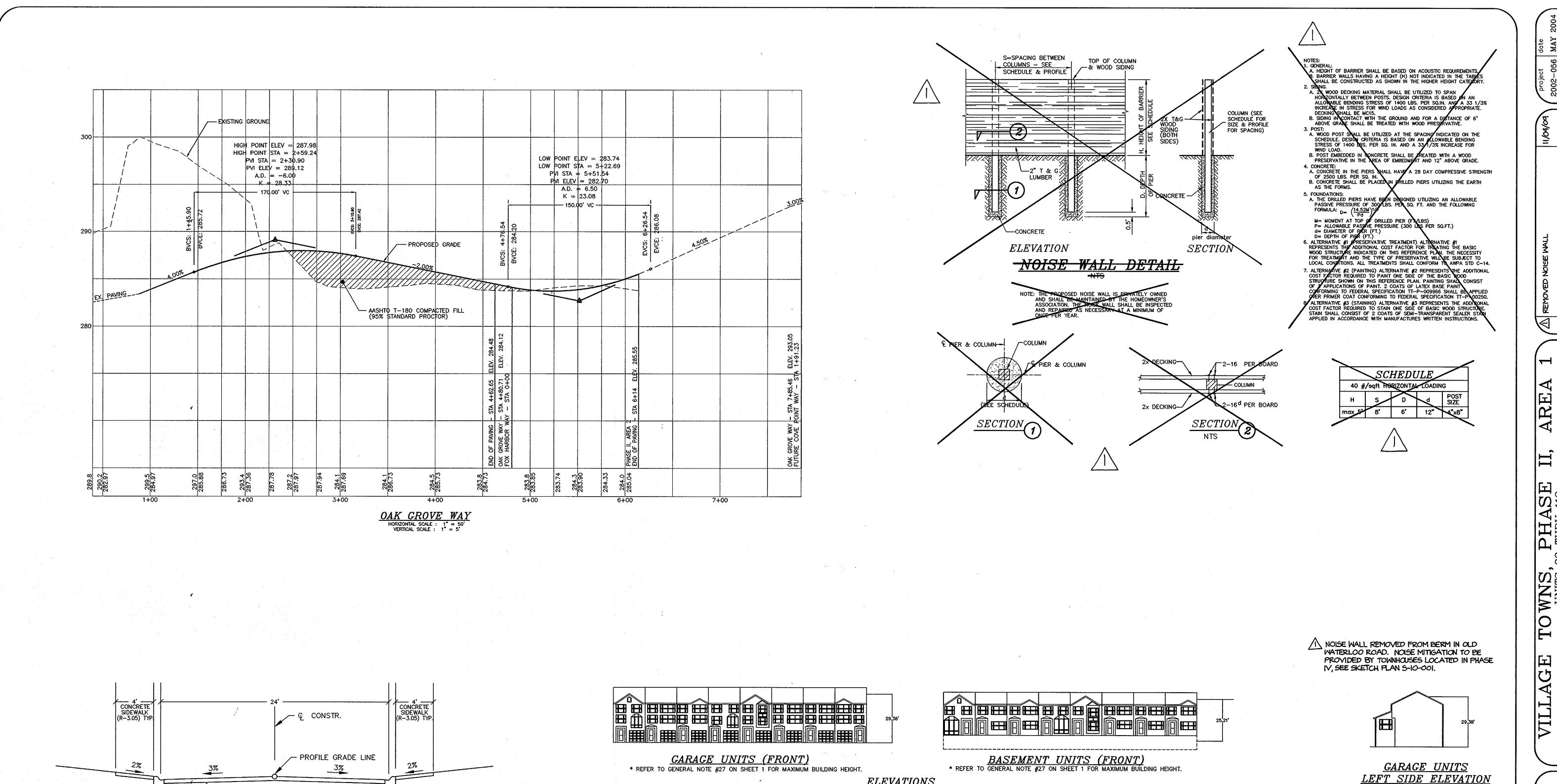
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5 OF



(4 UNITS) (8 UNITS)

FAIRFIELD (GARAGE UNITS)

FOUR TO EIGHT UNIT BUILDINGS
N.T.S.

LOCAL TRAVELWAYS

 $\overline{(DESIGN SPEED = 25 MPH)}$

OAK GROVE WAY

TYPICAL SECTION FOR PAVING SECTION SEE STANDARD DETAIL THIS SHEET

N.T.S.

MODIFIED CONC. C&G (R-3.01) TYP.

FOR REVISION NO. 1
MORRIS & RITCHIE ASSOCIATES, INC.

ELEVATIONS

N.T.S.

- 4' CONCRETE - SIDEWALK (TYP.)

HOUSE MODELS

SUNROOM/ MORNING ROOM (OPTION)

FARFIELD UNIT "Q"

15' (TYP)

FARFIELD UNIT "H"

SUHROOM/ MORNING ROOM (OPTION)

FARFIELD UNIT "C"

FARFIELD UNIT "D"

CENTERLINE OF ROAD

(4 UNITS) (8 UNITS)

* THE TYPICAL REAR ROOM DEPTH IS 12.00'. AN OPTIONAL 8.00' DEEP REAR ROOM IS UTILIZED ON LOT 95.

FAIRFIELD (BASEMENT UNITS)

FOUR TO EIGHT UNIT BUILDINGS

FARFIELD UNIT "8"

___ 4' CONCRETE

SIDEWALK (TYP.)

BASEMENT UNITS LEFT SIDE ELEVATION

> RYAN HOMES 11460 CRONRIDGE DRIVE, SUITE 128 OWINGS MILLS, MARYLAND 21117

<u>OWNER</u> VILLA ASSOCIATES, LLC 25 MAIN STREET REISTERSTOWN, MARYLAND 21136 (410) 526-4030

SSOC. MILDENBERG, BOENDER & A

(410) 654-0501

6 OF 7

