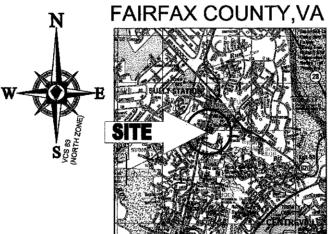
PROFFERED CONDITION AMENDMENT AND SPECIAL EXCEPTION AMENDMENT

BRANCH BANKING &

TRUST COMPANY

PART OF PARCEL E **SULLY STATION PHASE II** DB08712 PG 0489; TM 0541-17-E SULLY DISTRICT CENTREVILLE.



LOCATION MAI

TITLE OWNER

DEVELOPER/APPLICANT

PREPARED BY



22636 DAVIS DRIVE, SUITE 250 STERLING, VIRGINIA 20164

Phone: (703) 709-9500

Fax: (703) 709-9501 www.BohlerEngineering.com

CONTACT: DAVID LOGAN, P.E.

CONTACT INFORMATION

REFERENCES

BOUNDARY & TOPOGRAPHIC/ALTA SURVEY:

\$BOHLER ENGINEERING
TITLED: "BOUNDARY & TOPOGRAPHIC SURVEY; BB&T, STONE
ROAD AND STONE RANGE DRIVE, SULLY DISTRICT #2
TRANSPORTATION, FAIRFAX COUNTY, VA"
PROJECT: SR:18519
DATED: 07/28/11

- FAIRFAX COUNTY DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES
 HERRITY BUILDING
- OF PLANNING AND ZONING REPRITY BUILDING

CONTACT INFORMATION

GOVERNING AGENCIES

- HERVOLT BUILDING 12055 GOVERNMENT CENTER PKWY 6th FLOOR, SUITE 659 FAIRFAX COUNTY, VA 22035 PHONE: (703) 324-5033

SUITE 100 ALEXANDRIA, VA 22315 CONTACT: TIMOTHY GULBICKI PHONE: (703) 480-7835

| SHEET INDEX | | |
|------------------------------------------------------------------------------------------------|--------------|--|
| SHEET TITLE | SHEET NUMBER | |
| COVER SHEET | 1 | |
| PROFFERED CONDITION AMENDMENT | 2 | |
| SPECIAL EXCEPTION AMENDMENT PLAT | 3 | |
| SPECIAL EXCEPTION AMENDMENT - EXISTING VEGETATION MAP | 4 | |
| SPECIAL EXCEPTION AMENDMENT - TREE INVENTORY PLAN | 5 | |
| SPECIAL EXCEPTION AMENDMENT - LANDSCAPE PLAN | 6 | |
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| SPECIAL, EXCEPTION AMENDMENT - PRELIMINARY STORMWATER MANAGEMENT / BMP / ADEDUATE OUTFALL PLAN | 8 | |

| REQUIREMENT | CODE | SECTION | PROVIDED |
|------------------------------------------|---------------------|---------|--------------------------------------|
| 50' BUFFER (WEST) | ZONING ORDINANCE | 13-303 | 35' BUFFER |
| TYPE E, F, OR G BARRIER (WEST) | ZONING ORDINANCE | 13-304 | 4' HIGH LANDSCAPED BERM |
| TYPE D, E, OR F BARRIER (SOUTH) | ZONING ORDINANCE | 13-304 | 4' HIGH LANDSCAPED BERM |
| 8' MAJOR PAVED TRAIL (WEST) | ZONING ORDINANCE | 17-201 | EXISTING 4" CONCRETE SIDEWALK |
| TYPE D. E. OR F BARRIER (EAST) | ZONING ORDINANCE | 13-304 | NONE |
| 4" PERIPHERAL PARKING LOT LANDSCAPING | ZONING ORDINANCE | 13-203 | 4' WIDTH, NO TREES (GAS EASEMENT) |

| | VERS AND I | | TIONS ARE REQUESTED ON: |
|-----------------------------------|---------------------|--------|-------------------------------|
| REQUIREMENT CODE SECTION PROVIDED | | | |
| 8' MAJOR PAVED TRAIL (EAST) | ZONING ORDINANCE | 17-201 | EXISTING 4" CONCRETE SIDEWALK |

| HLER | CORPORATE OPPICE: # WANDAGE, NI # PROPERS. # BOTH-BORDOR! NA # BOT |
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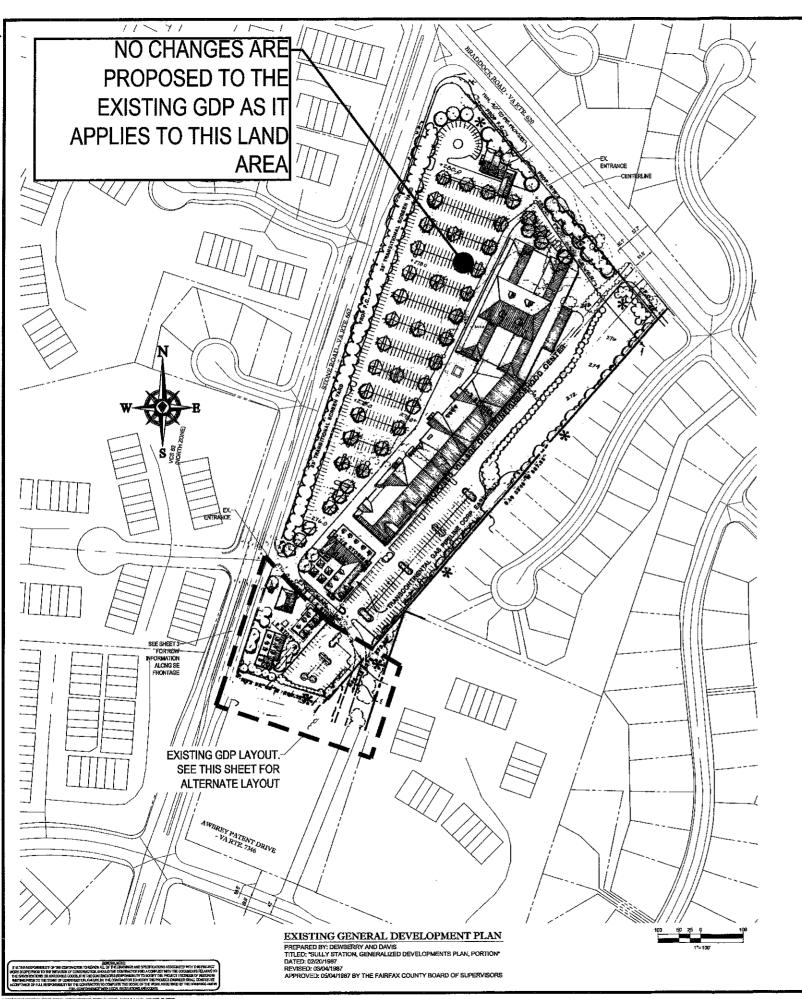
BRANCH BANKING & TRUST **COMPANY**

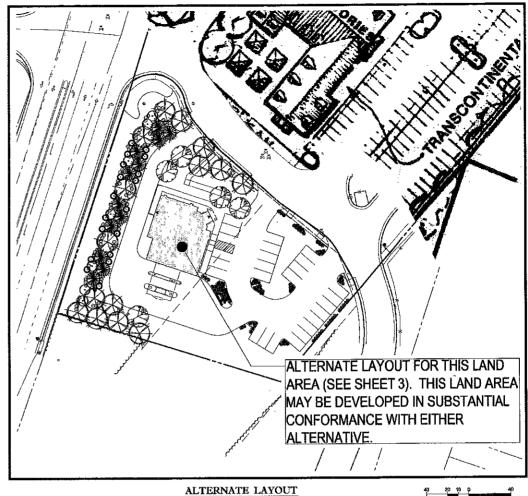
LOCATION OF SITE SULLY STATION PHASE II OLLY DISTRICT CENTREVILL FAIRFAX COUNTY, VA





COVER SHEET





TABULATION:

DEVELOPMENT SUMMARY:

TOTAL TRACT AREA
EXISTING ZONING
TOTAL FLOOR AREA PRO

OFFICE
PERMITTED FLOOR AREA RATIO
PROPOSED FLOOR AREA RATIO

PARKING TABULATION:

OPEN SPACE REQUIRED OPEN SPACE PROVIDED

GROSS FLOOR AREA PROPOSED 135,000 S.F.
PERICOR AREA PROPOSED 100,000 S.F.
PARKING REDUIRED 05 FOR FIRST 1000 S.F., PLUS 107,000 S.F. x MANOR & MARCH 1000 S.F. x MARCH 1

C-6 ZONE

15% = 2.6 ACRES 22% = 3.8 ACRES

14,800 S.F. 11,840 S.F. 53 SPACES

OFFICE:

GROSS FLOOR AREA PROPOSE NET FLOOR AREA PROPOSED PARKING REQUIRED (11,840 S.F. x 4.5/1000 = 53)

RKING REQUIRED 700 SPACES
RKING PROVIDED 700 SPACES

* 17.17 ACRES HAS BEEN SUBSEQUENTLY REDUCED TO 14.92 ACRES AFTER THE 2.25 ACRE AREA OF DEDICATION ALONG BOTH STONE ROAD AND BRADDOCK ROAD.



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PROJECT No. S112
DRAWN BY: N
CHECKED BY:
DATE: 10282/3
SCALE: AS \$100
CAD I.D.: \$

BRANCH BANKING &

TRUST COMPANY

LOCATION OF SITE
SULLY STATION
PHASE II
SULLY DISTRICT CENTREVILLE,
FAIRFAX COUNTY,VA



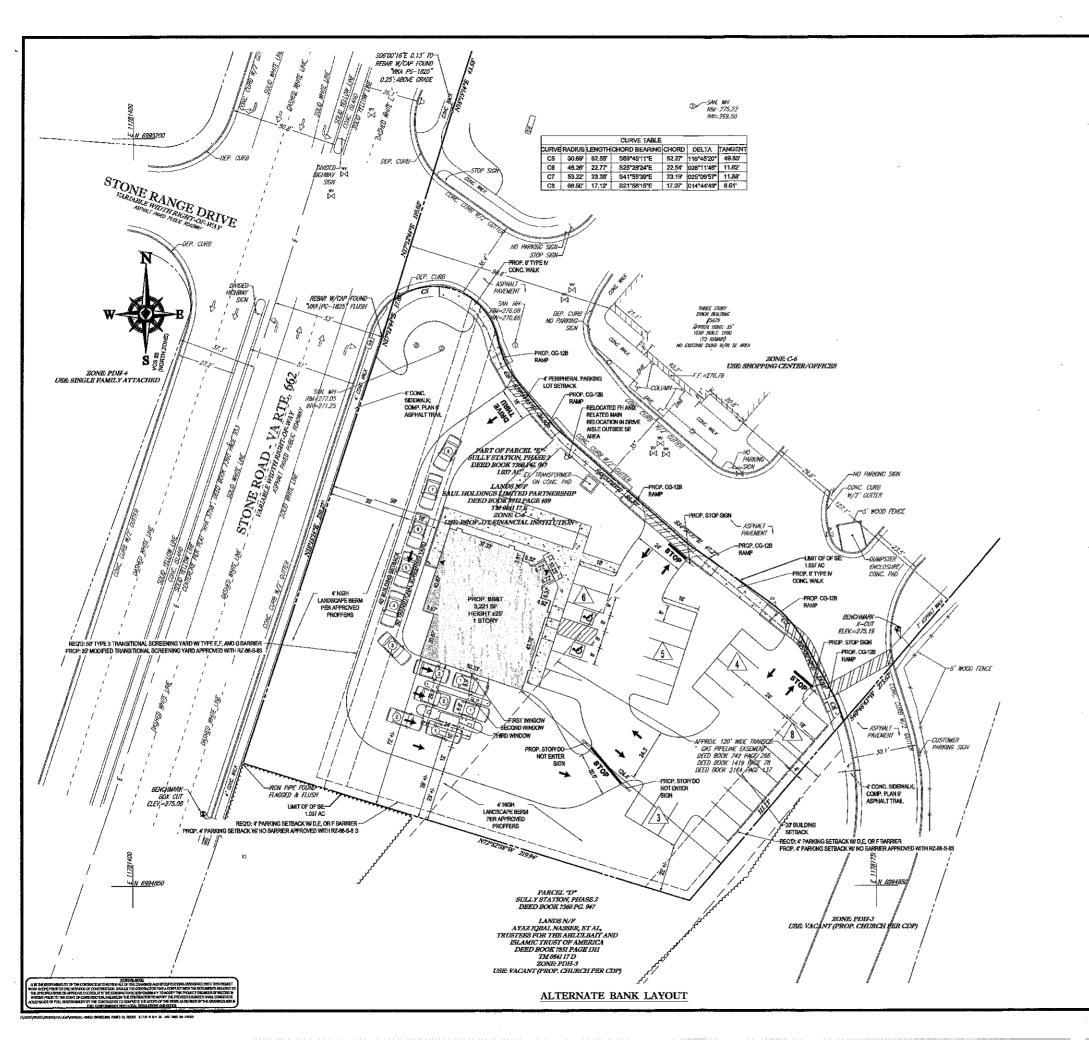
22636 DAVIS DRIVE, SUITE 250 STERLING, VIRGINIA 20164 Phone: (703) 709-9500 Fax: (703) 709-9501 www.BohlerEngineering.com



PROFFERED
CONDITION
AMENDMENT

SHEET NUMB

2 of 8



SITE NOTES:

THE PROPERTY IS SERVED BY PUBLIC WATER AND SEWER. THERE ARE NO EXISTING SEPTIC FIELDS OR WELLS ON THIS SITE. A STATEMENT FROM THE HEALTH DEPARTMENT REGARDING ADEQUATE FACILITIES WILL BE PROVIDED AT TIME OF FINAL SITE PLAN REVIEW.

2. THERE ARE NO KNOWN EXISTING FLOODPLAINS, RESOURCE PROTECTION AREAS, RESOURCE MANAGEMENT AREAS, OR ENVIRONMENTAL QUALITY CORRIDORS LOCATED ON THIS SITE.

3. THERE ARE NO KNOWN BURIAL GROUNDS LOCATED ON THIS SITE.

4. ZONING DISTRICT: C-6 (COMMUNITY RETAIL)

5. REQUIRED SITE LIGHTING TO BE DESIGNED AND LOCATED WITH FINAL CONSTRUCTION DOCUMENTS.

| 6. BULK REQUIREMENTS: | ALLOWED / REQUIRED | BANK ALTERNAT |
|--------------------------|-----------------------|--------------------|
| A. MIN. LOT AREA | 40,000 SF | 44,901 SF (1.031 A |
| B. MINIMUM LOT WIDTH | 200 FT | ±235' |
| C. MIN. BUILDING SETBACK | | |
| FRONT SETBACK (WEST) | 40* | ±58* |
| SIDE SETBACK (SOUTH) | N/A | ±39° |
| SIDE SETBACK (NORTH) | N/A | ±45" |

NOTE: DIMENSIONS ABOVE WHICH ARE INDICATED AS \pm ARE SUBJECT TO CHANGE IN THE RINAL DESIGN. IN NO CASE WILL THESE DIMENSIONS BE LESS THAN THE REQUIREMENTS.

* 35' WIDE BUFFER APPROVED BY RZ-56-S-83

E. PARKING REQUIREMENTS

D. MIN. LANDSCAPE BUFFER FRONT (WEST) SIDE (SOUTH) SIDE (NORTH)

REAR (EAST)

| 4 SPACES/1,000 SF OF GFA 1,000 | 13 SPACES | 26 SPACES |
|----------------------------------------------------------------------------------------------|-----------|-----------|
| F. LOADING SPACES (STANDARD C) 1 SPACE/10,000 SF +1 SPACE/20,000 SF THEREAFTER (5 MAX) | 0 | o |

PER ZO 11-202-14, IF GFA IS LESS THAN MINIMUM (10,000 SF) FOR ONE SPACE, LOADING SHALL BE ADEQUATE AS DETERMINED BY DIRECTOR.

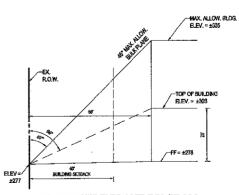
| | 8 IN FRONT OF | 8 IN FRONT OF |
|----------------------------|--------------------|--------------------|
| | FIRST WINDOW AND | FIRST WINDOW AND |
| G. MINIMUM STACKING SPACES | 2 IN FRONT OF EACH | 2 IN FRONT OF EACH |
| | ADDITIONAL | ADDITIONAL |
| | WINDOW | WINDOW |
| | | |
| | | |

| H. MIN. PARKING SPACE DIMENSIONS | 8.5°X18° | 9°X18' |
|----------------------------------|----------|--------|
| I. FLOOR AREA RATIO (F.A.R.) | 0.40 | 0.07 |
| J. MAX. BUILDING HEIGHT | 40' | ±25' |
| K. OPEN SPACE | 15% | 40% |

7. THE ONE (1) FOOT CONTOUR INTERVALS THAT ARE SHOWN ON SHEET 4 ARE THE RESULT OF A FIELD RUN SURVEY, AS REFERENCED ON SHEET 1.

10. PAVEMENT STRIPING AND MARKINGS ARE FOR ILLUSTRATIVE PURPOSES.

11. ALL KNOWN UTILITY EASEMENTS HAVING A WIDTH OF 25' OR GREATER (AND ALL MAJOR UTILITY EASEMENTS) ARE DEPICTED.



FRONT BULK PLANE DIAGRAM STONE ROAD - VA RTE. 662.

SCALE: 1" = 20"

FINAL ELEVATIONS SUBJECT TO CHANGE BASED ON GRADING RESTRICTIONS IMPOSED DUE TO WASHINGTO GAS FASSIENT DIPELLINES

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PROJECT

BRANCH BANKING & TRUST

COMPANY LOCATION OF SITE SULLY STATION PHASE #

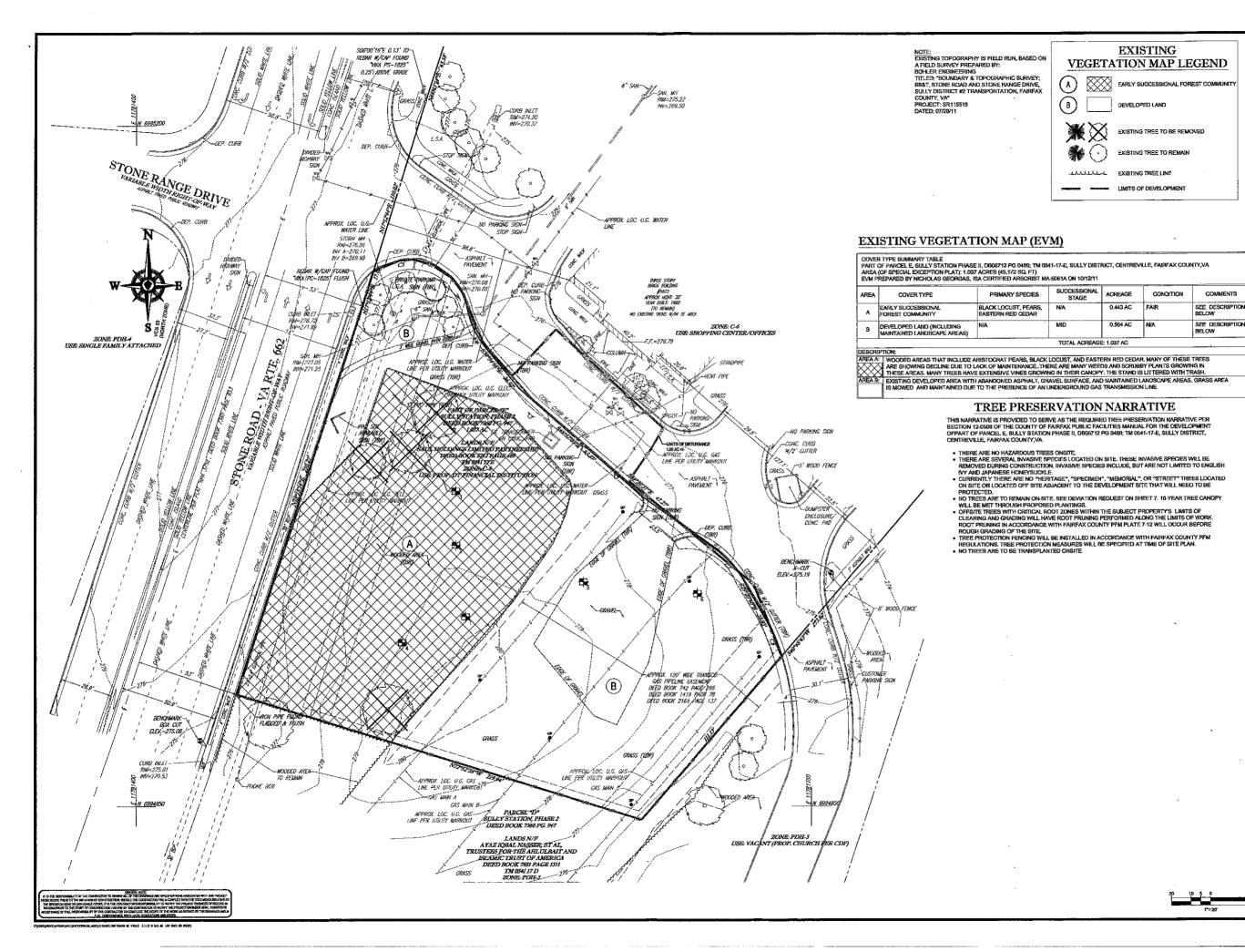
BULLY DISTRICT CENTREVILLE

FAIRFAX COUNTY, VA BOHLER ENGINEERING

22636 DAVIS DRIVE, SUITE 250 STERLING, VERGINIA 20164 Phone: (703) 709-9501 Fax: (703) 709-9501 www.BohlerEngineering.com



SPECIAL EXCEPTION AMENDMENT PLAT



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CAVATORS, DESIGNERS, OR ANY PERSON PREPARES TO STREET HE BATTH'S GENFACE ANY MERE IN THE STATE. VIRIGINA, MARYLAND, THE DISTRICT OF COULANDA, AND DEL ANA RECALL—211 V 1400-045-1999 (PA 1400-027-777) [DE 1400-022-0459] A 1-300-469-7001) (ND 1400-027-7777) [DE 1400-022-0459]

| PROJECT No: \$1120 | DRAWN BY: NI | CHECKED BY: 1 | DATE 1926/20 | SCALE 1** | CAD ID: 8

PROJECT:

BRANCH BANKING & TRUST COMPANY

LOCATION OF SITE SULLY STATION PHASE II SULLY DISTRICT CENTREVILLI FAIRFAX COUNTY, VA



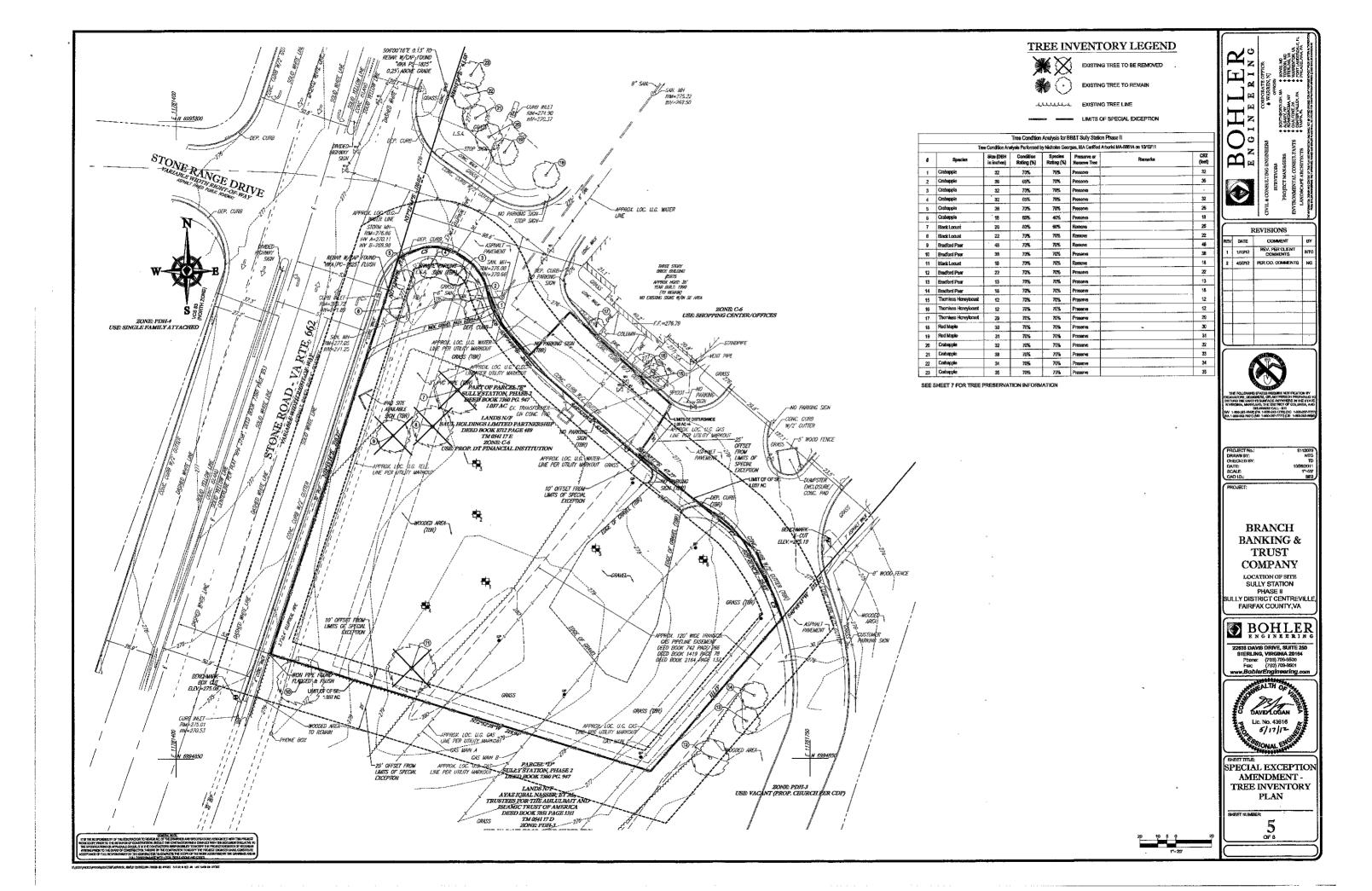
22636 DAVIS DRIVE, SUITE 25 STERLING, VIRGINIA 20164 Phone: (703) 709-9500 Fax: (703) 709-9501

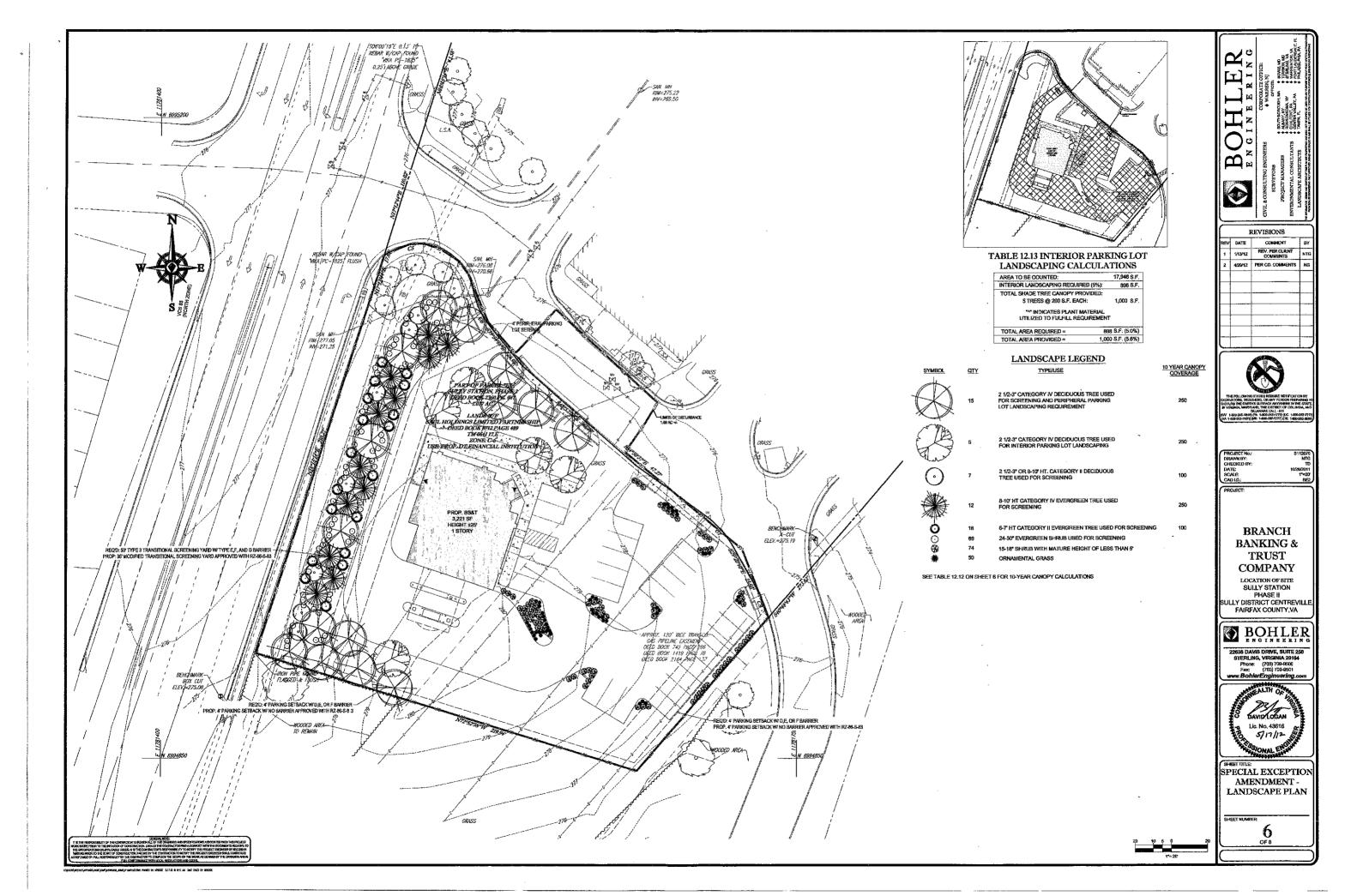


SPECIAL EXCEPTION
AMENDMENT
EXISTING
VEGETATION MAP

SHEET NUM

4 of 8





COMPLIANCE CHART FOR THE FAIRFAX

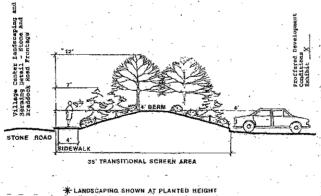
| SECTION | REQUIREMENTS | CALCULATIONS (REQUIRED/PROPOSED) | COMPLIANCE |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 13-208 PERIPHERAL PARKING LOT LANDSCAPING | NORTH PROPERTY LINE 1. WHEN THE PROPERTY LINE ABUTS LAND NOT IN THE RIGHT OF-WAY OF A TREET: A A LANDSCAPING STRIP FOUR (4) FEET IN WIDTH SHALL BE LOCATED BETWEEN THE PARKING LOT AND THE ABUTING PROPERTY LINES, EXCEPT WHERE DRIVEWAYS OR OTHER OF-ENINGS MAY NECESSITATE OTHER TREATMENT: B. AT LEAST ONE (1) TREE FOR EACH FIFTY (60) FEET SHALL BE PLANTED IN THE LANDSCAPING STRIP; HOWEVER, THIS SHALL NOT BE CONSTRUED AS REQUIRED THE PLANTING OF TREES ON FIFTY (60) FOOT CENTERS. | NORTH PROPERTY LINE REQUIRED: 223 LF OF PROPERTY LINE (EXCLUDES ENTRANÇES) 5 TREES REQUIRED 5 TREES PROVIDED | COMPLIES |
| 13-203 PERIPHERAL PARKING LOT LANDSCAPING | SOUTH PROPERTY LINE 1. WHEN THE PROPERTY LINE ABUTS LAND NOT THE RIGHT OF-WAY OF A STREET: A A LANDSCAPING STRIP FOUR (4) FEET IN WIDTH SHALL BE LOCATED BETWEEN THE PARKING LOT AND THE ABUTTING PROPERTY LINES, EXCEPT WHERE DRIVEWAYS OR OTHER OPENINGS MAY NECESSITATE OTHER TREATMENT. S. AT LEAST ONE (1) TREE FOR EACH FIFTY (50) FEET SHALL BE PLANTED IN THE LANDSCAPING STRIP, HOWEVER, THIS SHALL NOT BE CONSTRUED AS REQUIRED THE PLANTING OF TREES ON FIFTY (50) FOOT CENTERS. | SOUTH PROPERTY LINE REQUIRED: 182 LF OF PROPERTY LINE (EXCLUDES ENTRANCES) 4 TREES REQUIRED 4 TREES PROVIDED | COMPLIES |
| 13-203 PERPHERAL PERPHERAL LANDSCAPING | EAST PROPERTY LINE 1. WHEN THE PROPERTY LINE ABUTS LAND NOT IN THE RIGHT OF-WAY OF A STREET: A. A LANDISCAPING STRIP FOUR (4) FEET IN WIDTH SHALL BE LOCATED BETWEEN THE PARKING LOT AND THE ABUTTING PROPERTY LINES, EXCEPT WHERE DRIVEWAYS OR OTHER OPENINGS MAY NECESSITATE OTHER TREATMENT. B. AT LEAST ONE (1) TREE FOR EACH FIFTY (80) FEET SHALL BE PLANTED IN THE LANDISCAPING STRIP; HOWEVER, THIS SHALL NOT BE CONSTRUED AS REQUIRED THE PLANTING OF TREES ON FIFTY (60) FOOT CRESTERS. | EAST PROPERTY LINE REQUIRED: 112 LF OF PROPERTY LINE (EXCLUDES ENTRANCES) 3 TREES REQUIRED 0 TREES PROVIDED (TRANSCONTINENTIAL PIPELINE EASEMENT PREVENTS TREES FROM BEING PLANTED) SUPPLEMENTAL SHRUBS WILL BE PROVIDED. | WAIVER/ MODERCATION APPROVED WITH RZ-96-S-83 |

COMPLIANCE CHART FOR THE PUBLIC FACILITIES MANUAL

| | | CALCULATIONS | T |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------|
| SECTION | REQUIREMENTS | (REQUIRED/PROPOSED) | COMPLIANCE |
| 12-0513 INTERIOR PARKING LOT LANDSCAPING | 12-0513.1 REQUIREMENT AS STATED IN ARTICLE 13 OF THE ZONING ORDINANCE, ALL PARKING LOTS WITH 20 OR MORE SPACES ARE REQUIRED TO PROVIDE INTERIOR PARKING LOT LANDSCAPING THAT COVERS NO LESS THAN \$VO FTHE TOTAL AREA OF THE PARKING LOT. | SEE TABLE 12.13 ON THIS SHEET | COMPLIES |
| | 12-0514.4 TREE COVER CALCULATIONS. ALL REQUIRED CALCULATIONS FOR TREE COVER SHALL BE PROVIDED ON THE LANDSCAPE PLAN SHEET IN A TABLE SIMILAR TO TABLE 12-12. | SEE TREE COVER CALCULATIONS CHART ON THIS SHEET | COMPLIES |
| 12-0514 LANDSCAPE PLANS | 12-054.GE EXISTING VEGETATION OR PROPOSED PLANTINGS IN VDOT RIGHTS-OF-WAYS SHALL NOT BE CREDITED TOWARD MEETING THE REQUIREMENTS OF ARTICLE 13 OF THE ZONING ORDINANCE, EXCEPT AS MAY BE PERMITTED IN A COMMERCIAL REVITALIZATION DISTRICT | TREES PLANTED IN THE VDOT RIGHT-OF-WAY ARE NOT COUNTED TOWARDS THE 10-YEAR TREE CANOPY CALCULATION. | COMPLIES |

COMPLIANCE CHART FOR THE FAIRFAX

| SECTION | REQUIREMENTS | CALCULATIONS (REQUIRED/PROPOSED) | COMPLIAN |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 13-303 TRANSTIONAL SCREENING REQUIREMENTS | WEST PROPERTY LINE A. TRANSITIONAL SCREENING 3 SHALL CONSIST OF AN UNBROKEN STRIP OF OPEN SPACE A MENIMUM OF 50 FEET WIDE PLANTED WITH- 1) A MIXTURE OF LARGE AND MEDIUM EVERGREEN TREES AND MEDIUM EVERGREEN TREES AND LARGE DECIDIOUS THEES AND LARGE DECIDIOUS THEES THAT ACHIEVES A MINIMUM TEN (10) YEAR TIRES CANOPY OF SEVENTY-FIVE (75) PERCENT OR GREATER, 2) A MIXTURE OF TREES CONSISTING OF AT LEAST SEVENTY (70) PERCENT SEVERITY-FIVE (37) PERCENT OF ANY SINGLE SPECIES OF EVERGREEN TREES, AND ONSISTING OF NO MORE THAN THIRTY-FIVE (35) PERCENT OF ANY SINGLE SPECIES OF EVERGREEN TREES, AND 3) A MIXTURE OF PREDOMINANTLY MEDIUM EVERGREEN SIRUBLES FOR EVERY TEM (10) LINEAR REET FOR THE LENGTH OF THE TRANSITION YAND AND AND AND AND AND AND AND EVERGREEN SIRUBLES FOR EVERY TEM (10) LINEAR REET FOR THE LENGTH OF THE TRANSITION YAND AND AND AND | WEST PROPERTY LINE REQUIRED: SCREENING 3 (50' WIDE PLANTING AREA) WITH TYPE E, F, OR GEARRIER 11,895 SF X. 75 (REQ. CANOPY) = 8,921 SF 8,921 SF OF CANOPY COVERAGE 68 EVERGREEN SHRUBS PROVIDED: 35' WIDE PLANTING AREA NO BARRIER (A 4' TALL LANDSCAPE BERM IS PROVIDED) 1,285 SF OF SCREENING AREA X. 75 (REQ. CANOPY) = 6,215 SF 8,215 SF OF CANOPY COVERAGE REQUIRED WITH MODIFICATION (8,921 SF REGUIRED REDUCED BY ±70% = 6,215 SF) 6,300 SF OF CANOPY COVERAGE PROVIDED 69 EVERGREEN SHRUBS PROVIDED | WAIVER MODIFICATI APPROVE WITH RZ-86-S-6 |
| 13-304 BARRIER REQUIREMENTS | SOUTH PROPERTY LINE BÁRRIERS SHALL BE GENERALLY LOCATED BETWEEN THE REQUIRED TRANSITIONAL SCREENING AND THE USE OR ACTIVITY IN CONNECTION WITH WHICH THEY ARE REQUIRED WHERE THEY WILL MOST ADEQUATELY SCREEN SUCH ACTIVITIES FROM THE EXISTING OR PROPOSED FIRST FLOOR LEVEL OF ADJOINING DEVELOPMENT AS DETERMINED BY THE DIRECTOR. EAST PROPERTY LINE | SOUTH PROPERTY LINE REQUIRED: TYPE D, E, OR F BARRIER 4 WIDE PARKING LOT SETBACK WITH ONE (1) TREE PER SO LF PROVIDED: NO BARRIER (A 4 TALL LANDSCAPE BERM IS PROVIDED) EAST PROPERTY 1 INF | WAIVERY MODIFICATI APPROVE WITH RZ-86-S-8 |
| 13-304 Barrier Requirements | EAST PROPERTY LINE BARRIERS SHALL BE GENERALLY LOCATED BETVEEN THE REQUIRED TRANSITIONAL SCREENING AND THE USE OR ACTIVITY IN CONNECTION WITH WHICH THEY ARE REQUIRED WHERE THEY WILL MOST ADEQUATELY SCIENT SUCH ACTIVITIES FROM THE EXISTING OR PROPOSED FIRST FLOOR LEVEL OF ALDIONING DEVELOPMENT AS DETERMINED BY THE DIRECTOR. | EAST PROPERTY LINE REQUIRED: TYPE D, E, OR F BARRIER 4 WIDE PARKING LOT SETBACK WITH ONE (1) TREE PER 50 LF PROVIDED: NO BARRIER (A 4 TALL LANDSCAPE BERM IS PROVIDED) | WAMER/ MODIFICATI APPROVE WITH RZ-86-S-8 |



SULLY STATION



TABLE 12.3

| A | PRE-DEVELOPMENT AREA OF EXISTING TREE CANOPY | 19,297 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| В | PERCENTAGE OF GROSS SITE AREA COVERED BY EXISTING TIREE CANOPY | 42.7% |
| C | PERCENTAGE OF 18-YEAR TREE CANOPY REQUIRED FOR SITE (SEE TABLE 12.4) | 10% |
| D | PERCENTAGE OF THE 10-TEAR TREE CANOPY REQUIREMENT THAT SHOULD BE MET THROUGH TREE PRESERVATION | 42.7% |
| E | PROPOSED PERCENTAGE OF CANOPY REQUIREMENT THAT WILL BE MET THROUGH TREE PRESERVATION | 0.0% |
| F | HAS THE TREE PRESERVATION TARGET MINIMUM BEEN MET? | NO |
| G | IF NO FOR LINE F, THEN A REQUEST TO DEVIATE PRON THE TREE PRESERVATION TARGET SHALL BE PROVIDED ON THE PLAN THAT STATES ONE OR MORE OF THE JUSTIFICATIONS LISTED IN 12-0507.3 | SEE DEVIATION REQUEST ON THIS SHEET |
| H | IF STEP G REQUIRES A NARRATIVE, IT SHALL BE PREPARED IN ACCORDANCE WITH 12-0607.4 | |
| 1 | PLACE THIS INFORMATION PRIOR TO THE 10-YEAR TREE CANOPY CALCULATIONS AS PER INSTRUCTIONS IN TABLE 12.12 | |
| | | |

TREE PRESERVATION TARGET DEVIATION REQUEST

THE DEVIATION FROM THE TARGET VALUE IS DUE TO THE FACT THAT MEETING THE TREE PRESERVATION TARGET WOULD PRECLUDE THE DEVELOPMENT OF USES OR DENSITIES OTHERWISE ALLOWED BY THE ZONING ORDINANCE AND CONSTRUCTION ACTIVITIES COULD BE REASONABLY EXPECTED TO IMPACT EXISTING TREES OR FORESTED AREAS USED TO MEET THE TREE PRESERVATION TARGET TO THE EXTENT THEY WOULD NOT LIKELY SURVIVE AT A HEALTHY AND STRUCTURALLY SOUND MANINER FOR A MINIMUM OF ON-YEARS IN ACCORDANCE WITH THE POST-DEVELOPMENT STANDARDS FOR TREES AND FORESTED AREAS.

THE 10-YEAR TREE CANOPY REQUIREMENT VALUE HAS BEEN MET WITH THE PROPOSED PLANTINGS THROUGHOUT THE SITE. THESE TREES WILL ULTIMATELY MEET THIS VALUE AND THUS SUFFICE THE REQUIREMENT FOR THE DEVELOPMENT.



COUNTY OF FAIRFAX



TABLE 12.12

| STEP | | TOTALS |
|-----------|----------------------------------------------------------------------------------------------------------------------|------------|
| A. TREE P | RESERVATION TARGET AND STATEMENT | |
| A1 | PLACE THE TREE PRESERVATION TARGET CALCULATIONS AND STATEMENT HERE PRECEDING THE 10-YEAR TREE CANOPY CALCULATIONS | |
| | | |
| B. TREE C | ANOPY REQUIREMENT | |
| B1 | DENTIFY GROSS SITE AREA = | 45,172 |
| B2 | SUBTRACT AREA DEDICATED TO PARKS AND ROAD FRONTAGE = | 0 |
| B3 | SUBTRACT AREA OF EXEMPTIONS = | 0 |
| B4 | ADJUSTED GROSS SITE AREA (81-82) = | 45,172 |
| B5 . | (DENTIFY SITES ZONING AND OR USE = | COMMERCIAL |
| B6 | PERCENTAGE OF 10-YEAR TREE CANOPY RECUIRED = | 10% |
| B7 | AREA OF 10-YEAR TREE CANOPY REQUIRED (84 x 86) = | 4,517 |
| B8 | MODIFICATION OF 10-YEAR TREE CANOPY REQUIREMENTS REQUESTED? | NO |
| B9 | IF B8 YES, THEN LIST PLAN SHEET WHERE MODIFICATION REQUEST IS LOCATED | N/A |

| , DD | | |
|------------|------------------------------------------------------------------------------------------|-------|
| | | |
| C. TREE PR | ESERVATION: | |
| cı | TREE PRESERVATION TARGET AREA = | 1,930 |
| C2 | TOTAL CANOPY AREA MEETING STANDARDS OF § 12-0200 = | Ç |
| ca | C2 X 1.25 = | c |
| C4 | TOTAL CANOPY AREA PROVIDED BY UNIQUE OR VALUABLE FOREST OR WOODLAND COMMUNITIES = | 0 |
| CS | C4.X 1.5 | 0 |
| C6 | TOTAL CANOPY AREA PROVIDED BY "HERITAGE," "MEMORIAL," "SPECIMEN," OR "STREET" TREES = | 0 |
| C7 | C6X15TO30= | 0 |
| C8 | CANOPY AREA OF TREES WITHIN RESOURCE PROTECTION AREAS AND 100-YEAR FLOODPLAINS = | 0 |
| C9 | . C8X1.0= | 0 |
| C10 | TOTAL OF C3, C5, C7, AND C8 = | 0 |

| O. TREE PI | ANTING | |
|------------|--------------------------------------------------------------------------------|--------|
| DI | AREA OF CANOPY TO BE MET THROUGH TREE PLANTING (B7-C10) = | 4,517 |
| D2 ' | AREA OF CANOPY PLANTED FOR AIR QUALITY SENEPTTS = | 0 |
| 03 | X15= | 0 |
| D4 - | AREA OF CANOPY PLANTED FOR ENERGY CONSERVATION = | 0 |
| D5 | . X15= | 0 |
| D6 | AREA OF CANOPY PLANTED FOR WATER QUALITY BENEFITS = | 0 |
| D7 | X1.5= | 0 |
| D8 | AREA OF CANOPY PROVIDED BY NATIVE TREES = | 0 |
| D9 | X15= | 0 |
| D10 | AREA OF CANOPY PROVIDED BY IMPROVED CULTIVARS AND VARIETIES = | 0 |
| D11 | X1.5= | 0 |
| 012 | AREA OF CANOPY PROVIDED THROUGH TREE SEEDLINGS = | 0 |
| D13 | X1.0= | 0 |
| D14 | AREA OF CANOPY PROVIDED THROUGH NATIVE SHRUBS OR WOODY SEED MIX = | 0 |
| D15 | X1.0= | 0 |
| D16 | PERCENTAGE OF D14 REPRESENTED BY D15 = | 0 |
| | AREA OF CANOPY NOT MEETING MULTIPLIER CRITERIA | 10,500 |
| D17 | TOTAL CANOPY AREA PROVIDED THROUGH TREE PLANTING = | 10,500 |
| D16 | IS AN OFFSITE PLANTING RELIEF REQUESTED? | |
| D19" | TREE BANK OR TREE FUNO? | |
| D20 | CANOPY AREA REQUESTED TO BE PROVIDED THROUGH OFFSITE BANGING OR TREE FUND = | 0 |
| D21 | AMOUNT TO BE DEPOSITED INTO THE TREE PRESERVATION AND PLANTING FUND = | \$0 |

TOTAL OF CANOPY AREA PROVIDED THROUGH TREE PLANTING (D17) = 10,500

TOTAL OF 10-YEAR TREE CANOPY PROVIDED = 10,500

PERCENTAGE OF 10-YEAR TREE CANOPY PROVIDED = 23.24%

REVISIONS COMMENT REV. PER CLIENT COMMENTS 1/13/12



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BRANCH BANKING & TRUST **COMPANY**

LOCATION OF SITE LOCATION OF SITE
SULLY STATION
PHASE II
SULLY DISTRICT CENTREVILLE
FAIRFAX COUNTY,VA





SPECIAL EXCEPTION AMENDMENT -LANDSCAPE NOTES AND SCHEDULES



MINIMUM STORMWATER INFORMATION FOR REZONING, SPECIAL EXCEPTION, SPECIAL PERMIT AND DEVELOPMENT PLAN APPLICATIONS

THE FOLLOWING INFORMATION IS REQUIRED TO BE SHOWN OR PROVIDED IN ALL ZONING APPLICATIONS, OR A WAVIER REQUEST OF THE SUBMISSION REQUIREMENT WITH JUSTIFICATION SHALL BE ATTACHED. NOTIC: WAIVERS WILL BE ACTED UPON SEPARATELY. FAILURE TO ADEQUATELY ADDRESS THE REQUIRED SUBMISSION INFORMATION MAY RESULT IN A DELAY IN

THIS INFORMATION IS REQUIRED UNDER THE FOLLOWING ZONING ORDINANCE PARAGRAPHS:
SPECIAL PERMITS (8-011 2J & 2L.)
SPECIAL EXCEPTIONS (9-011 2J & 2L.)
CLUSTER SUBDIVISION (9-815 1G & 1N)
DEVELOPMENT PLANS PRO DISTRICT (18-302 3 & 4L.) PRO PLAN (16-303 1E & 10)
FIDP P DISTRICTS (EXCEPT PRC) (16-502 1F & 1Q.)
AMENDMENTS (18-202 19F & 10)

- . PLAT IS AT A MINIMUM SCALE OF 1"=50" (UNLESS IT IS DEPICTED ON ONE SHEET WITH A MINIMUM SCALE OF 1"=100").
- 2. A GRAPHIC DEPICTING THE STORMWATER MANAGEMENT FACILITY(IES) AND LIMITS OF CLEARING AND GRADING ACCOMMODATE THE STORMWATER MANAGEMENT FACILITY(IES), STORM DRAINAGE PIPE SYSTEMS AND OUTLET PROTECTION, POND SPILLWAYS, ACC
- ☑ 3. PROVEDE: NO ON SITE STORMWATER MANAGEMENT FACILITY REQUIRED BECAUSE THE POST-DEVELOPED RELEASE RATE IS
 LESS THAN THE PRE-DEVELOPED RELEASE RATE AND THE OUTFALL IS CURRENTLY ADEQUATE.

| FACILITY NAME/ TYPE & NO. | ON-SITE AREA SERVED (ACRES) | OFF-SITE AREA SERVED (ACRES) | DRAINAGE AREA (ACRES) | FOOTPRINT AREA (SF) | STORAGE VOLUME (CF) | IF POND, DAM HEIGHT (FT) |
|---------------------------------|-----------------------------------|------------------------------------|-----------------------------|------------------------|------------------------|-----------------------------|
| PONDS 1-7 | 1.04 AC. | 490.43 AC | 491.47 AC | SEE NOTE 1 | SEE NOTE 1 | SEE NOTE 1 |
| BMP + SWM | | SEE NOTE 1 | SEE NOTE 1 | | | |

NOTE 1: SEE SHEET 24 FAIRFAX COUNTY PLAN #7085-50-01 FOR INDIVIDUAL POND INFORMATION

- ☑ 4. ONSITE DRAINAGE CHANNELS, OUTFALLS AND PIPE SYSTEMS ARE SHOWN ON SHEET 8.
 POND INLET AND OUTLET PIPE SYSTEMS ARE SHEET 8.
- 5. MAINTENANCE ACCESS (ROAD) TO STORMMATER MANAGEMENT FACILITY(IES) ARE SHOWN ON SHEET N/A.
 TYPE OF MAINTENANCE ACCESS ROAD SURFACE NOTED ON THE PLAT IS N/A (ASPIRALT, GEOBLOCK, GRAVEL, ETC.)
- ☑ 6. LANDSCAPING AND TREE PRESERVATION SHOWN IN AND NEAR THE STORMWATER MANAGEMENT FACILITY IS SHOWN ON EXISTING, NO DISTURBANCE.
- ▼7. A STORMWATER MANAGEMENT NARRATIVE WHICH CONTAINS A DESCRIPTION OF HOW DETENTION AND BEST MANAGEMENT PRACTICES REQUIREMENTS WILL BE MET IS PROVIDED ON SHEET 8.
- ☑ 9. A DESCRIPTION OF HOW THE OUTFALL REQUIREMENTS, INCLUDING CONTRIBUTING DRAINAGE AREAS OF THE PUBLIC FACILITIES MANUAL WILL BE SATISFIED IS PROVIDED ON SHEET 6.
- 10. EXISTING TOPOGRAPHY WITH MAXIMUM CONTOUR INTERVALS OF TWO (2) FEET AND A NOTE AS TO WHETHER IT IS AN AIR
 SURVEY OR FIELD RUN IS PROVIDED ON SHEET 4.
- 11. A SUBMISSION WAIVER IS REQUESTED FOR N/A
- 12. STORMWATER MANAGEMENT IS NOT REQUIRED BECAUSE N/A

COMBINED BMP/SWM NARRATIVE

THE SITE IS A VACANT PARTIALLY WOODED AREA LOCATED IN THE WATERSHED OVERLAY PROTECTION DISTRICT. THE BMP PHOSPHOROUS REMOVAL REQUIREMENT IN THE WATERSHED OVERLAY PROTECTION DISTRICT IS 50%. THE SPECIAL EXCEPTION AREA IS PART OF THE SULLY STATION VILLAGE CENTER. FAIRFAX COUNTY LIVIN # 7085-2046-1. THE LYSTATION VILLAGE CENTER PLANS ASSET THEIR SYMM CALCULATIONS ON THE DIRIGINAL MASTER STORMMATERSMIP PLAN FOR THE SULLY STATION PLANNED COMMUNITY, PAIRFAX COUNTY PLAN # 7085-50-61.

THE OVERALL SWIMBIMP PLAN REFERENCED ABOVE WAS PREPARED USING SCS METHODS. UNDER THE OVERALL SWIMBIMP PLAN, THE SITE IS LOCATED WITHIN SUB-BASIN D. THIS SUB-BASIN WAS ASSIGNED AN RCN OF 82 FOR THE ULTIMATE DEVELOPMENT, SEE SHEETS 7 AND 8 OF THE OVERALL SWIMBIMP PLAN FOR FURTHER INFORMATION.

BASED ON A REMEW OF THE APPROVED SUB BASIN D AND THE ULTIMATE DEVELOPMENT WITHIN THIS AREA, IT IS THE ENGINEER'S OPINION THAT THIS ASSUMED RON VALUE IS STILL APPLICABLE TO SUB BASIN D. THIS ASSUMPTION IS VALIDATED BY THE APPROVED SITE PLAN FOR THE OVERALL VILLAGE CENTER, WHICH ALSO REFERENCES THE ORIGINALLY APPROVED MASTER SWIMBIMP PLAN. THEREFORE, THE APPROVED CALCULATIONS FOR THIS SUB-BASIN ARE STILL VALID.

PASED ON THE ABOVE NARRATIVE, THE PREVIOUSLY APPROVED PLANS AND CALCULATIONS THAT INCLUDE THE SPECIAL EXCEPTION

AREA ARE STILL VALID. ON-SITE FLOWS ARE DIRECTED VIA SHEET FLOW TO EXISTING CONVEYANCE SYSTEMS WHICH LEAD TO THE
APPROVED SYMMEMIP PONDS. SEE THIS SHEET FOR APPROXIMANTE FLOW PATHS. THERE ARE NO PROPOSED UNDERGROUND PIPES I

TO THE EXISTING GAS MAINS WHICH CROSS THE SITE. ALL FLOW LEAVES THE SITE AS SHEET FLOW.

THE MASTER BMP PLAN FOR THIS AREA PROVIDES FOR AN OVERALL TREATMENT OF RATE OF 59% (SHEETS 23 AND 24 OF MASTER BMP/SWM PLAN REFERENCED ABOVE). THIS EXCEEDS THE MINIMUM 50% TREATMENT RATE FOR STIES WITHIN THE WATERSHED OVERLAY PROTECTION DISTRICT. THEREFORE BMP REQUIREMENTS FOR THIS STIE PER THE PRIM ARE SATISHED.

THE MASTER SWIM PLAN FOR THIS AREA PROVIDES DETENTION/RETENTION TO REDUCE ALL FLOWS TO PRE-DEVELOPED RATES. AS NO INCREASE IN IMPERVIOUS AREA IS PROPOSED COMPARED TO THE LITIMATE DEVELOPMENT CONDITIONS DESIGNED FOR IN THE OVERALL SWIMSHIP PLAN, THE ORIGINAL SWIM PLANS ARE STILL VALUE AND NO ADDITIONAL SWIM ENTROPHENE THE ORIGINAL SWIMSHIP PLAN, THE ORIGINAL SWIM PLANS ARE STILL VALUE AND NO ADDITIONAL SWIM ENTROPHENE AS ADEQUATE OUTPALL REQUIRED. AN ADMINISTRATIVE WAIVER TO THE PPM UNDER LITIOS 88 SHALL BE REQUIRED. AN ADMINISTRATIVE WAIVER TO THE PPM UNDER LITIOS 88 SHALL BE REQUIRED AT TIME OF SITE PLAN SUBMISSION TO WAIVER SWIM REQUIRED AND THE PPM SITE.

ADEQUATE OUTFALL NARRATIVE

THE REQUIREMENT FOR A SPECIAL EXCEPTION IS TO DESCRIBE THE OUTFALL PATH FOR ALL ON-SITE WATER. THE DESCRIPTION SHAL BE LIMITED TO A POINT WHERE THE TOTAL DRAINAGE AREA TO THE OUTFALL PATH EQUALS OR EXCEEDS 100X THE ON-SITE AREA TO THAT OUTFALL PATH.

A COMBINATION OF A SITE VISIT, FAIRFAX COUNTY GIS TOPOGRAPHYISTORM PIPES, AND APPROVED PLANS (REFERENCED ABOVE) WERE UTILIZED TO FINALIZE THE ADEQUATE OUTFALL STUDY ON THIS SHEET.

OUTFALL #2 (EAST) ALSO LEAVES THE SPECIAL EXCEPTION SITE AS SHEET FLOW. A TOTAL OF 0.75 ACRES LEAVES THE SITE TO THE (EAST, THEREFORE, A TOTAL DRAINAGE AREA OF 75 ACRES MUST BE REACHED (100X) IN ORDER TO CONCLUDE THE OUTFALL STUDY FOR THE SPECIAL EXCEPTION.

AT THE DRY POND, THE TOTAL DRAINAGE AREA IS 54 ACRES, LESS THAN THE 75 ACRES NECESSARY TO TERMINATE THE OUTFALL STUDY. THE PIPE FLOW CONTINUES UNDER ROCKY RUNDRIVE WHERE THE FLOW DISCHARGES TO ROCKY RUN, A MAJOR FLOODFLAIN CARRYING OVER 1 SOLIARE MILE OF WATER. THEREFORE AT THIS POINT [POC & 7] THE ADEQUATE OUTFALL STUDY CAN BE TERMINATED.

BASED ON FIELD VISIT AND THE APPROVED DESIGN PLANS AVAILABLE TO THE ENGINEER AT THE TIME OF THE SPECIAL EXCEPTION, IT IS THE PROFESSIONAL ENGINEER'S OPINION THAT ADEQUATE CUTFALL FOR THIS SITE IS PROVIDED. FINAL DETAILED ENGINEER CALCULATIONS WILL BE FROVIDED AT THE TIME OF SITE PLAN MEETING ALL FPM REQUIREMENTS.

KEY NOTES:

- ① EX. WET POND PER FAIRFAX COUNTY PLAN 5920-SP-01 (STONE POND)
- 4 PIPE FLOW
- (5) EX. DRY POND PER ROCKY RUN SECTION 1 PLANS
- (8) ON-SITE AREA TO WEST = 0.28 ACRES (7) ON SITE AREA TO EAST = 0.75 ACRES
- (8) APPROXIMATE LOD (3) SHEET FLOW IN APPROVED CHANNEL

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| | 1 | 1/13/12 | REV. PER CLIENT COMMENTS | NTG | |
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BRANCH BANKING & TRUST

COMPANY LOCATION OF SITE SULLY STATION PHASE II SULLY DISTRICT CENTREVILLE

FAIRFAX COUNTY, VA



22636 DAVIS DRIVE, SUITE 250 STERLING, VIRGINIA 20164 Phons: (703) 709-9500 Fax: (703) 709-9501



SPECIAL EXCEPTION
AMENDMENT PRELIMINARY
STORMWATER
MANAGEMENT/BMP/
ADEQUATE OUTFALL
PLAN

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