# MARY VIRGINIA MERRICK RECREATION CENTER

## WASHINGTON, DC

| LEGEND | | |
|---|---|---|
| ITEM | NEW | EXISTING |
| PROPERTY LINE | | |
| SPOT ELEVATIONS | +350.00 | 97.4 A |
| CONTOURS | 34 | 34 |
| BUILDING(S) | | |
| BITUMINOUS PAVING | | |
| CONCRETE PAVING & WALKS | | |
| CONCRETE CURB & GUTTER | | |
| CONCRETE HEADER CURB | | |
| BITUMINOUS CURB | | |
| SANITARY SEWER (MANHOLE) | | |
| STORM SEWER (STRUCTURE) | | |
| OVERHEAD POWER LINE (POLE) | OP | OP |
| OVERHEAD TELEPHONE LINE (POLE) | OT | OT |
| POLE GUY WIRE (ANCHOR) | | |
| UNDERGROUND POWER LINE | UP | UP |
| UNDERGROUND TELEPHONE LINE | UT | UT |
| SITE LIGHT/FLOOD LIGHT | | |
| WATER MAIN | | |
| FIRE HYDRANT (VALVE) | | |
| GAS MAIN | | |
| UNDERGROUND OIL/FUEL STORAGE TANK | | |
| STEPS | | |
| TREES/SHRUBS | | |
| WOODED AREA | | |
| FENCE | | |
| SOIL BORING | | |
| CBR TEST PIT | | |
| UTILITY TEST PIT | | |
| SIAMESE CONNECTION | | |
| PROPERTY CORNER | | |
| TRAVERSE STATION | | |
| CONCRETE MONUMENT | | |

## EROSION CONTROL NARRATIVE

**DESCRIPTION:**

1. THIS PROJECT CONSISTS OF CONSTRUCTION OF NEW YOUTH CENTER ADDITION AT ST THOMAS MORRE PARISH. NEW SANITARY SEWER LATERAL CONNECTION TO EXISTING SANITARY SEWER IN 4TH ST SE. NEW DOMESTIC/FIRE PROTECTION WATER CONNECTION TO EXISTING WATERMAIN. GRADING, STORM DRAINAGE & WOC STRUCTURES .NEW PARKING. LANDSCAPING AND STABILIZATION OF DISTURBED AREAS.

**EXISTING SITE CONDITIONS:**

1. THE AREA OF DISTURBANCE IS APPROXIMATELY 74,095 SF OR 1.70 AC. EXISTING SITE IS PART OF ST THOMAS MOORE PARISH CENTER AT THE INTERSECTION OF 4TH ST S.E. AND 6TH ST S.E-N.E. TOPOGRAPHY SLOPES FROM TWO-PERCENT (2%) TO TWENTY FIVE-PERCENT (25%) TO THE EAST.

**SOILS:**

1. SOILS ARE CONSIDERED NATIVE FOR THE AREA.

**EROSION CONTROL PROGRAM:**

1. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 CALENDAR DAYS.
2. ALL PHASE I EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN PLACE PRIOR TO OR AS THE FIRST STEP IN GRADING OPERATIONS, UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL HAVE A CERTIFICATION OF TRAINING IN EROSION AND SEDIMENT CONTROL MEASURES APPROVED BY THE DISTRICT OF COLUMBIA.
4. ANY DEVIATIONS IN THE APPROVED SEDIMENT CONTROL PLAN SHALL BE REQUESTED IN WRITING AND APPROVED BY THE DISTRICT OF COLUMBIA SEDIMENT CONTROL INSPECTOR.

**PHASE I EROSION AND SEDIMENT CONTROL (SEE SHEET C-2):**

1. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OF COLUMBIA, SEDIMENT CONTROL INSPECTOR AT (202-645-6059), 48 HOURS PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITIES FOR A PRE-CONSTRUCTION MEETING.
2. STAKE OUT "CLEARING AND GRADING LIMITS", FLAG EXISTING TREES TO REMAIN AND INSTALL TREE PROTECTION FENCING IN THE LOCATIONS INDICATED.
3. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE DISTRICT OF COLUMBIA, SEDIMENT CONTROL INSPECTOR CERTIFYING THAT THE LIMITS OF DISTURBANCE AND TREE PROTECTION AREAS ARE CORRECTLY MARKED AND INSTALLED PRIOR TO COMMENCING ANY DEMOLITION OPERATIONS.
4. INSTALL STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK IN THE LOCATION INDICATED ON THE PLAN AND PROVIDE TEMPORARY WATER SERVICE. REMOVE EXISTING PAVEMENT AND EXISTING FENCING AS REQUIRED TO CONSTRUCT ENTRANCE.
5. INSTALL INLET PROTECTION AT THE EXISTING STRUCTURES AND INSTALL SILT FENCING WHERE INDICATED.
6. THE CONTRACTOR MAY NOT PROCEED WITH ANY CONSTRUCTION, SHOWN ON THE PLAN, UNTIL PHASE I EROSION CONTROL MEASURES HAVE BEEN INSPECTED AND APPROVED BY THE DISTRICT OF COLUMBIA, SEDIMENT CONTROL INSPECTOR.

**PHASE II EROSION AND SEDIMENT CONTROL (SEE SHEET C - 2):**

1. ALL PHASE I CONTROLS ARE TO REMAIN IN PLACE DURING PHASE II CONSTRUCTION ACTIVITIES UNLESS OTHERWISE NOTED.
2. EXCAVATE SITE TO SUBGRADE ELEVATIONS INDICATED.
3. INSTALL NEW SANITARY SEWER LATERAL CONNETION AND NEW DOMESTIC/FIRE PROTECTION WATER CONNECTION.
4. INSTALL STORM SEWER & WOC STRUCTURES
5. CONSTRUCT BUILDING.
6. INSTALL REMAINING STIE IMPROVEMENTS(I.E. BASE PAVEMENT, CONCRETE WALKS, ETC.).
7. STABILIZE ALL DISTURBED AREAS AS REQUIRED.

**MAINTENANCE:**

1. THE CONTRACTOR SHALL CONSTRUCT ALL CONTROL DEVICES IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN, AND IN ACCORDANCE WITH THE DISTRICT OF COLUMBIA, DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS, CURRENT STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
2. ALL DEBRIS SHALL BE DISPOSED OF OFF-SITE.
3. ALL PUBLIC RIGHT-OF-WAYS SHALL BE KEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
4. THE CONTRACTOR SHALL ADJUST THE SEDIMENT CONTROL DEVICES AS NECESSARY TO MEET FIELD CONDITIONS.
5. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED DAILY AND AFTER EACH STORM EVENT BY THE SITE SUPERINTENDENT. ALL DAMAGED CONTROL DEVICES SHALL REPAIRED BY THE END OF THE DAY.
6. ALL CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL WRITTEN APPROVAL IS OBTAINED FROM THE DISTRICT OF COLUMBIA, SEDIMENT CONTROL INSPECTOR AND ALL DENUDED AREAS ARE STABILIZED.
7. THE SEDIMENT CONTROL INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.

## ABBREVIATION LIST

| APPROX | APPROXIMATE |
|---|---|
| BLDG | BUILDING |
| BIT | BITUMINOUS |
| BS = | BOTTOM OF STRUCTURE |
| CG | CURB & GUTTER |
| CI | CURB INLET |
| CLF | CHAIN LINK FENCE |
| CO | CLEANOUT |
| CONC | CONCRETE |
| CW | CONCRETE WALK |
| DW | DOMESTIC WATER |
| E | EAST |
| EX | EXISTING |
| FF= | FINISHED FLOOR |
| FH | FIRE HYDRANT |
| G | NATURAL GAS |
| GM | GAS METER |
| GRD | GROUND |
| GV | GAS VALVE |
| GW | GUY WIRE |
| HP | HIGH POINT |
| HS | HEAD STONES |
| INV= | INVERT |
| IP | INLET PROTECTION |
| LAT | LATERAL |
| LOC | LOCATION |
| MEG | MEET EXISTING GRADE |
| MH | MANHOLE |
| MIN | MINIMUM |
| N | NORTH |
| OPT&C | OVERHEAD POWER TELEPHONE & CABLE |
| P | POLE |
| PEPCO | POTOMAC ELECTRICAL POWER COMPANY |
| PP | POWER POLE |
| PVMT | PAVEMENT |
| RCP | REINFORCED CONCRETE PIPE |
| RL | REMOVAL LIMITS |
| R/R | REMOVAL/REPLACEMENT |
| S | SOUTH |
| SAN | SANITARY |
| SCE | STABILIZED CONSTRUCTION ENTRANCE |
| SEW | SEWER |
| SF | SQUARE FOOT/FEET |
| SL | STREET LIGHT |
| SMH | SANITARY MANHOLE |
| SS | SANITARY SEWER |
| STM | STORM |
| TP | TREE PROTECTION FENCE |
| TMH | TELEPHONE MANHOLE |
| TRANS | TRANSFORMER |
| TYP | TYPICAL |
| UP | UNDERGROUND POWER |
| UT | UNDERGROUND TELEPHONE |
| W | WATER |
| W | WEST |
| W/ | WITH |
| WDF | WOODEN FENCE |
| WV | WATER VALVE |

## STANDARDS AND SPECIFICATIONS FOR DUST EROTION

1. THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE SO AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
2. THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
3. THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
4. THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
5. FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
   - A. APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE.
   - B. ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER.
   - C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8kPa), MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
6. FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
   - A. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.
   - B. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
   - C. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.

## GENERAL NOTES

| | |
|---|---|
| SITE LOCATION: | SQUARE 6242, LOT 834 |
| SITE ADDRESS: | ST THOMAS MOORE<br>4275 4TH ST SE<br>WASHINGTON DC 20032 |
| DISTURBED AREA: | 74,095 SF OR 1.70 AC |
| ZONE: | RS-A - USE - RECREATION CENTER |
| ENGINEER: | CAD-CON CONSULTING INC.<br>10706 VANDOR LANE<br>MANASSAS, VIRGINIA 20109<br>CONTACT PERSON: ROBERT C. MERENESS<br>PHONE: 703 392-5141, x117<br>FAX: 703 392-0507 |
| BENCH MARK: | DC DATUM, INVERT OF EX. SAN MH "A"<br>ELEVATION 40.08 |
| BUILDING SQUARE FOOTAGE: | 23,041 SF |
| SET BACKS REQUIRED: | FRONT: 15 FEET (BY PLAT)<br>REAR: 20 FEET<br>SIDE: 8 FEET (BY INTERPRETATION) |
| PROVIDED: | FRONT: SEE SITE PLAN<br>SIDE: SEE SITE PLAN<br>REAR: SEE SITE PLAN |
| BUILDING HEIGHT: | PERMITTED: 40 FEET<br>PROVIDED: 29.42 FEET (AVG GRADE PLANE) |
| PARKING REQUIRED: | 1 SPACE / 2,000 SF<br>20,000 / 2,000 SF = 10 SPACES |
| PARKING PROVIDED: | REGULAR SPACES: (9' X 19') = 38 SPACES<br>COMPACT SPACES: (8' X 16') = 27 SPACES<br>HANDICAP SPACES: = 2 SPACES<br>TOTAL PARKING = 67 SPACES |
| INTERIOR PARKING LOT LANDSCAPING: | REQUIRED: 5 PERCENT<br>PARKING AREA: 18,021 SF X 0.05 = 901 SF<br>PROVIDED: 2,092 SF |

1. EXISTING UTILITIES SHOWN ARE APPROXIMATE AND HAVE BEEN TAKEN FROM FIELD SURVEY, FIELD OBSERVATIONS, OWNER'S RECORDS, AND DISTRICT OF COLUMBIA RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES BY TEST PITS PRIOR TO CONSTRUCTION AND NOTIFY "MISS UTILITY" AT 1-800 257-7777 48 HOURS PRIOR TO START OF CONSTRUCTION.
2. THE WORK INCLUDED ON THIS PLAN IS DEMOLITION OF EXISTING CONCRETE ENTRANCES DRIVES, EXISTING CONCRETE CURB AND GUTTER, CONSTRUCTION OF A NEW RECREATION BUILDING ADDITION, NEW CURBING, NEW BITUMINOUS CONCRETE PAVEMENT & PARKING STRIPING, NEW DUMPSTER PAD AND FENCE ENCLOSURE, NEW PARKING LOT LANDSCAPING, NEW SITE LIGHTS AND NEW STORMWATER MANAGEMENT (STORMCEPTOR STRUCTURES). NEW STORM SEWER CONSTRUCTION AND CONNECTINS INTO TO EXISTING STORM SEWER SYSTEM IN 4TH STREET, NEW COMBINATION DOMESTIC & FIRE PROTECTION WATER, NEW FIRE HYDRANT, NEW SANITARY SEWER LATERAL CONNECTION INTO EXISTING SANITARY SEWER SYSTEM IN 4TH STREET AND STABILIZATION OF ALL DISTURBED AREAS.
3. ALL CONSTRUCTION SHALL CONFORM TO DISTRICT OF COLUMBIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES, CURRENT EDITION.
4. CONTRACTOR SHALL SAW CUT EXISTING CONCRETE WALKS AND PAVEMENT TO NEAT AND STRAIGHT LINES. CONTRACTORS OPTION, REMOVE CONCRETE WALKS AND PAVEMENT TO THE NEAREST JOINT, AT NO INCREASE IN CONTRACT SUM.
5. CONTRACTOR SHALL SAW CUT EXISTING BITUMINOUS CONCRETE PAVEMENT TO NEAT AND STRAIGHT LINES.
6. CONTRACTOR SHALL PROVIDE ALL NECESSARY EROSION CONTROL MEASURES IN ACCORDANCE WITH DISTRICT OF COLUMBIA, DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS, STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL AND AS INDICATED.
7. CONCRETE FOR CONSTRUCTION SHALL CONFORM TO THE FOLLOWING:

   CONCRETE WALKS, HANDICAP RAMPS, CONCRETE CURB AND GUTTERS, POLE BASE AND CONCRETE WALL:
   ARTICLE 608, CLASS F, MIN. 3,500 PSI COMPRESSIVE STRENGTH.

   CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN FOR APPROVAL
8. STORM SEWER CONSTRUCTION SHALL CONFORM TO THE FOLLOWING:

   PIPE: ARTICLE 808, AASHTO M 170, CLASS III, WALL B, SIZE AS INDICATED.
   PIPE JOINTS: ARTICLE 808.04, AASHTO M 198, TYPE A OR TYPE B.
   STORMCEPTOR STRUCTURE SHALL BE AS INDICATED.
   GRATE INLETS & YARD INLETS SHALL BE PRE-CAST REINFORCED CONCRETE AS INDICATED
   MANHOLES SHALL CONFORM TO ARTICLE 309 AND AS INDICATED.
   CATCH BASINS SHALL CONFORM TO ARTICLE 310 AND AS INDICATED.
   BEDDING MATERIALS: GRADING NO 57, TABLE 803.02-1
   BACKFILL MATERIALS: UNIFIED SOIL CLASSIFICATION (ASTM D2487) SW, SC, SP OR SW.
   BACKFILL COMPACTION: MAXIMUM 8" LIFTS AT 95% MAXIMUM DRY DENSITY (ASTM D 698)

   CONTRACTOR SHALL SUBMIT CERTIFICATION THAT PIPE, PIPE JOINT MATERIALS, BEDDING MATERIALS MEETS SPECIFICATION.

   CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRE-CAST AND CAST-IN PLACE REINFORCED CONCRETE STRUCTURES INCLUDING SAND FILTER STRUCTURE.
9. GRANITE CURB (STONE CURB) SHALL CONFORM TO ARTICLE 609.02 AND MATCH THE EXISTING GRANITE CURBS AT THE SITE.
10. BITUMINOUS CONCRETE PAVEMENT SHALL CONFORM TO THE FOLLOWING:

    SUBBASE COURSE: SOILS BASE MATERIAL, ARTICLE 804.04.
    BITUMINOUS CONCRETE BASE COURSE: HOT ASPHALTIC CONCRETE, ARTICLE 818, MIXTURE CLASS "A".
    BITUMINOUS CONCRETE SURFACE COURSE: HOT ASPHALTIC CONCRETE, ARTICLE 818, MIXTURE CLASS "C".
    PRIME COAT: MEDIUM CURING CUT-BACK ASPHALT, ARTICLE 802.05, AASHTO M140, GRADE MC-30.
    TACK COAT: RAPID CURING CUT-BACK ASPHALT, ARTICLE 802.05, GRADE SS-1, SS-1h, RS-1.
    JOINT SEALANT: HOT-POURED JOINT SEALER, ARTICLE 807.02(A)(4), ASTM 3405.

    CONTRACTOR SHALL SUBMIT BITUMINOUS MIX DESIGN FOR APPROVAL PRIOR TO CONSTRUCTION.
11. TRAFFIC PAINT SHALL CONFORM TO ARTICLE 820.04, WHITE PAINT, AASHTO M 248, TYPE F.

    WHITE PARKING SPACE STRIPPING, PAINTED ISLANDS AND DIRECTIONAL ARROWS: NON-REFLECTORIZED.
12. TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO ARTICLE 620.01 AND 620.02 AND WITH "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT ADDITION AND SHALL INCLUDE THE FOLLOWING SIGNS:

    SIGN A: "STOP SIGN" (R-1, 24" x 24")

    CONTRACTOR SHALL SUBMIT SIGNAGE DETAILS FOR APPROVAL PRIOR TO CONSTRUCTION.
13. SITE LIGHTS SHALL BE MANUFACTURED BY EMCO LIGHTING, SAN LEANDRO, CA., SERIES ECW-181-F-250MH-BLK-F OR APPROVED EQUAL. POLE HEIGHT SHALL BE 20 FEET. CONTRACTOR SHALL PROVIDE NECESSARY WIRING BACK TO NEW BUILDING. CONTRACTOR SHALL PROVIDE PHOTO-CELL AND COORDINATE LOCATION WITH THE OWNER DURING FIELD INSTALLATION.

    CONTRACTOR SHALL SUBMIT CATALOG CUT OF SITE LIGHT AND PHOTOMETRICS FOR APPROVAL PRIOR TO CONSTRUCTION.
14. CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES.
15. CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC TO ALL BUSINESS ENTRANCES AT ALL TIMES.
16. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AS REQUIRED DURING CONSTRUCTION IN ACCORDANCE WITH STANDARDS SPECIFIED AND IN ACCORDANCE WITH "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT ADDITION.
17. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED UNLESS OTHERWISE INDICATED.
18. ALL EXISTING SITE IMPROVEMENTS SHALL REMAIN UNLESS OTHERWISE INDICATED.




VICINITY MAP

SCALE: 1" = 900'

BZA
Case No. 17215
Exhibit No. 16

## SHEET INDEX


| | |
|---|---|
| C-1 | COVER SHEET |
| C-2 | EXISTING CONDITIONS, DEMOLITION & PHASE I EROSION & SEDIMENT CONTROL |
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| C-4 | PHASE II EROSION & SEDIMENT CONTROL PLAN |
| C-5 | EROSION & SEDIMENT CONTROL NOTES & DETAILS |
| C-6 | WATER & SANITARY PROFILES & DETAILS |
| C-7 | STORM SEWER PROFILES |
| C-8 | STORM SEWER DETAILS & COMPUTATIONS |
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| L-1 | LANDSCAPE PLAN |
| L-2 | LANDSCAPE NOTES & DETAILS |



CAD-CON CONSULTING INCORPORATED
STRUCTURAL, MECHANICAL, ELECTRICAL, CIVIL ENGINEERS
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MARY VIRGINIA MERRICK RECREATION CENTER
WHALEN CONSTRUCTION COMPANY, INC.

SUITE 200
1010 ROCKVILLE PIKE
ROCKVILLE, MD 20852

Issues/Revisions

| No. | Date | Remarks |
|---|---|---|
| | 02-25-04 | FOR PRICING |

Drawn: PMY
Checked: RCM
Approved: RCM
Date: 03-13-03
Job No.: 393.0010

DISTRICT OF COLUMBIA — FREDERICK D. NEAL — No. 8902 — REGISTERED PROFESSIONAL ENGINEER

Project

MARY VIRGINIA MERRICK RECREATION CENTER SQUARE 6242 LOT 834

4275 4TH ST. SE
WASHINGTON, DC. 20032

Sheet Title

COVER SHEET

Sheet Number: C-1

Board of Zoning Adjustment
District of Columbia
CASE NO. 17215
EXHIBIT NO. 16

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2004 JUL 13 PM 2:52

COLLINS & KRONSTADT LEAHY HOGAN COLLINS DRAPER LLP

ARCHITECTS
PLANNERS

1111
SPRING STREET
SILVER SPRING
MARYLAND
20910

301 587•8642
301 589•7285 (FAX)

PROJECT NUMBER
0105

PROJECT
MARY VIRGINIA MERRICK RECREATION CENTER

LOCATION
4275 4TH ST. SE
WASHINGTON, DC

DRAWN BY
WMC · MEL

DATE DRAWN
MARCH 1, 2004

DATE ISSUED

SCALE
1/8" = 1'-0"

STAMP

SHEET TITLE
FLOOR PLAN

SHEET NUMBER
A-1

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## EXISTING STORM SEWER SCHEDULE

EX. CI #1
TOP = 66.92
INV. = 60.37 (12" OUT)

EX. GI #2
TOP = 65.13
INV. = 58.13 (12" IN)
INV. = 56.87 (12" IN)
INV. = 56.80 (12" OUT)

EX. GI #3
TOP = 54.57
INV. = 51.34+/- (12" IN)
INV. = 51.3+/- (15" IN)
INV. = 51.0+/- (15" OUT)

EX. CI #4
TOP = 50.60
INV. = 47.1+/- (15" OUT)

EX. MH #5
TOP = 50.31
INV. = 46.42 (15" IN)
INV. = 46.41 (15" IN)
INV. = 39.75 (54" IN)
INV. = 39.71 (54" OUT)

EX. CI #6
TOP = 50.74
FULL OF TRASH
INV. = 46.90 (15" OUT)

EX. MH #7
TOP = 44.45
INV. = 39.09 (54" IN)
INV. = 39.13 (54" OUT)

## EXISTING SANITARY SEWER SCHEDULE

EX. SMH #A
TOP = 51.30
INV. = 40.13 (10" IN)
INV. = 40.08 (10" OUT)

EX. SMH #B
TOP = 49.80
INV. = 38.30 (10" IN)
INV. = 38.19 (10" OUT)

EX. SMH #C
TOP = 48.36
INV. = 35.53 (10" IN)
INV. = 35.51 (10" OUT)

Total New Parking Provided.
2 ea. Handicap
6 Sea - 9'x 19'

| CURVE DATA TABLE | | | | | | |
|---|---|---|---|---|---|---|
| NO. | RADIUS | DELTA | TANGENT | ARC | CHORD | C. BEARING |
| 1 | 603.65' | 23°03'40" | 123.14' | 242.96' | 241.30 | S01°33'38"E |
| 2 | 1312.21' | ° ' " | | | | ° ' " |


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SUITE 200
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ROCKVILLE, MD 20852


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| | 02-25-04 | FOR PRICING |

Drawn: PY
Checked: RCM
Approved: RCM
Date: 03-13-03
Job No.: 393.0010

DISTRICT OF COLUMBIA — FREDERICK D. KLEE — No. 9307 — Registered PROFESSIONAL ENGINEER

Project

MARY VIRGINIA MERRICK RECREATION CENTER SQUARE 6242 LOT 834

4275 4TH ST. SE
WASHINGTON, DC. 20032

Sheet Title

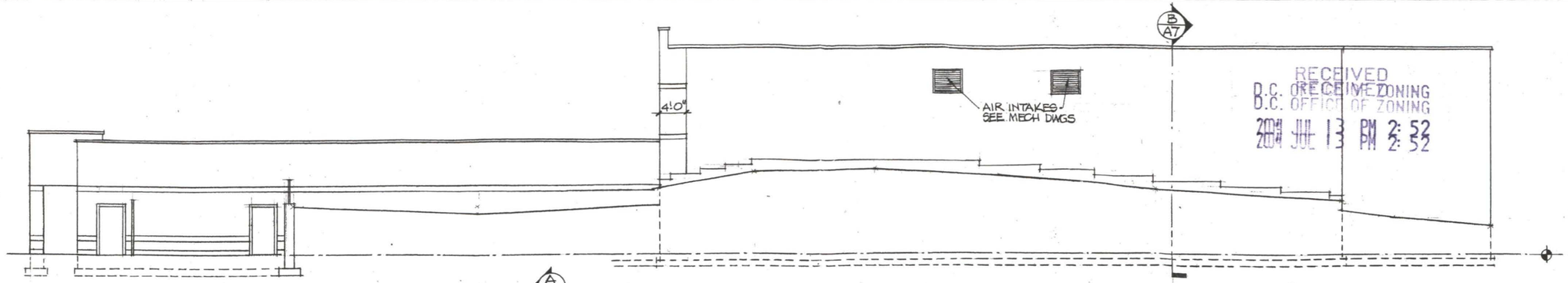
SITE PLAN

Sheet Number: C-3

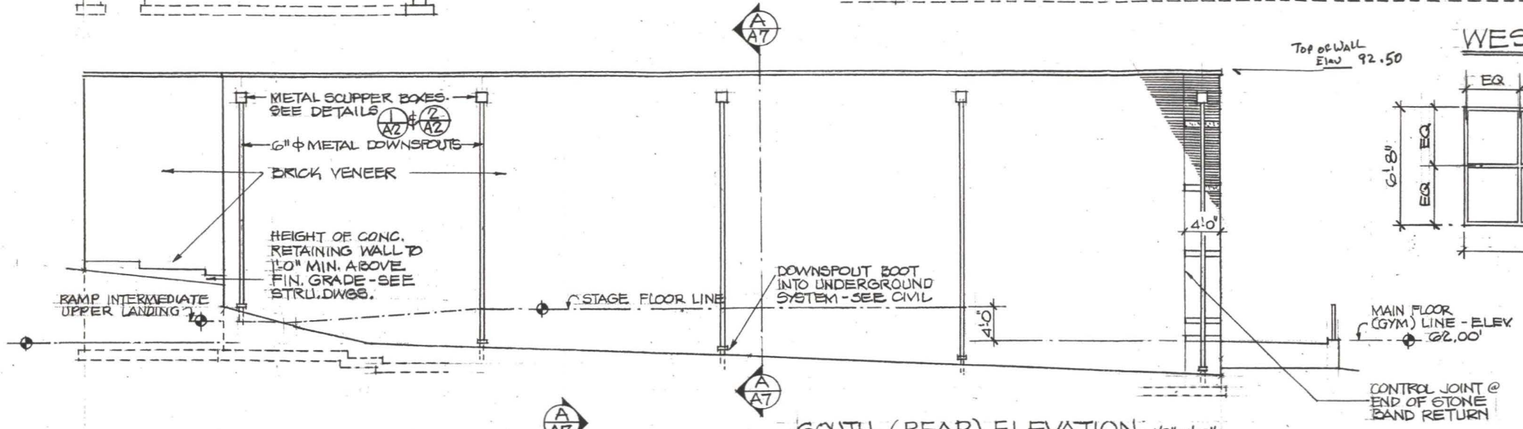
1" = 20'-0"

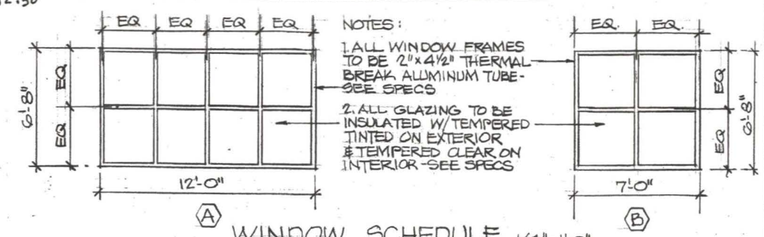

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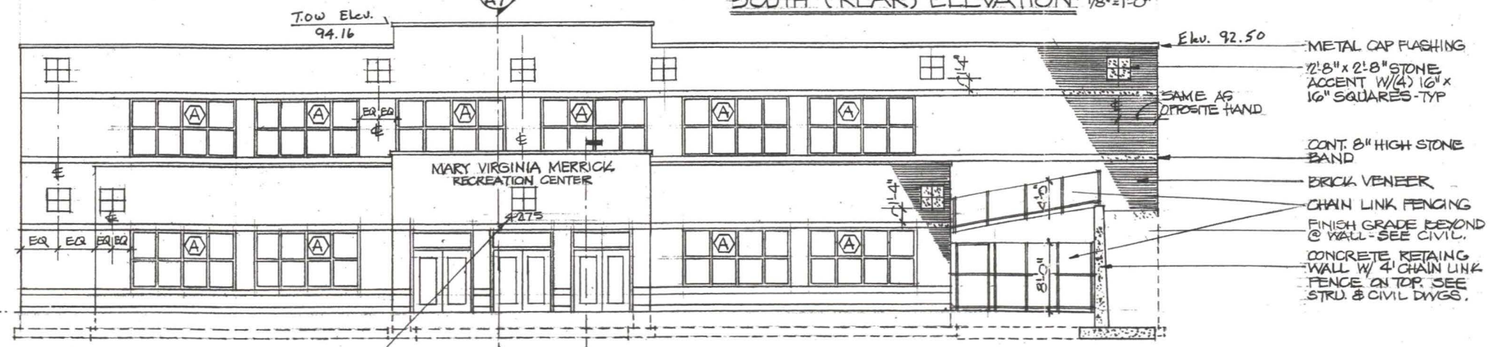

WEST (RIGHT SIDE) ELEVATION 1/8" = 1'-0"



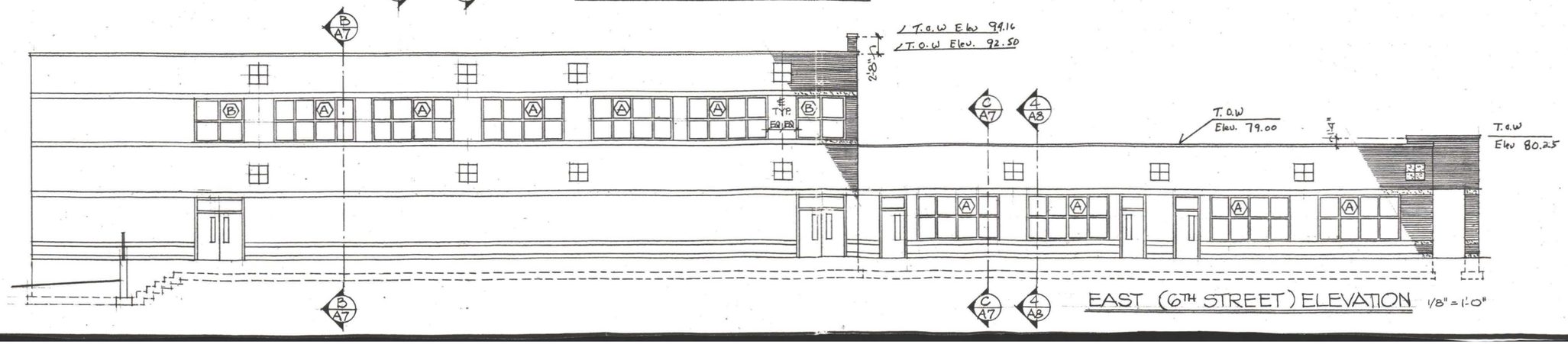




WINDOW SCHEDULE 1/4" = 1'-0"

SOUTH (REAR) ELEVATION 1/8" = 1'-0"




NORTH (FRONT) ELEVATION 1/8" = 1'-0"




EAST (6TH STREET) ELEVATION 1/8" = 1'-0"

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PROJECT NUMBER
0105

PROJECT
MARY VIRGINIA MERRICK RECREATION CENTER

LOCATION
4275 4TH ST. SE
WASHINGTON, DC

DRAWN BY
MEL

DATE DRAWN
MARCH 1, 2004

DATE ISSUED

SCALE
AS NOTED

STAMP

SHEET TITLE
BUILDING ELEVATIONS & WINDOW SCHEDULE

SHEET NUMBER
A-6