

• COUNCIL DISTRICT 21
COUNCILMEMBER NAME: EDITH TAYLOR LANGSTER

• OWNER OF RECORD:
MEHARRY MEDICAL COLLEGE
1095 D.B. TODD BOULEVARD
NASHVILLE, TN 37208
CONTACT PERSON: GEORGE KELLY
PHONE # 615-327-6800

• SP NAME:
HERMOSA STREET PARKING LOT FOR MEHARRY MEDICAL COLLEGE

• SP NUMBER:

• U.S. FEMA FIRM:
47037C0216F APRIL 2001

**PROPOSED LAND USE TABLE:
0.74 ACRE - SP-MUL-A (PARKING FOR EDUCATIONAL COLLEGE)**

NOTE:
THE PROPOSED PARKING LOT HAS BEEN DESIGNED ACCORDING TO ALL APPLICABLE ORDINANCES IN TITLE 17: ZONING FOR MIXED USE (MU) DISTRICTS OF THE CODE OF THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

LEGEND

— PL — PROPERTY LINE	✳ LP — LIGHT POLE
— ST — STORM LINE	□ EB — ELECTRIC BOX
— S — SEWER LINE	○ EM — ELECTRIC METER
— W — WATER LINE	○ SS — SANITARY SEWER
— G — GAS LINE	■ CB — CATCH BASIN
— X — FENCE LINE	⊠ W — WATER VALVE
— P — POWER OR TELE.	⊠ WM — WATER METER
— U/G FOC — U/G FIBER OPTIC	⊠ GV — GAS VALVE
— CONTOUR LINE	⊠ GM — GAS METER
— 589 — CONC. MONUMENT	— S — SIGN
⊠ IPO — IRON PIN	⊠ TM — TELE. MANHOLE
⊠ IPS — IRON PIN SET	⊠ MB — MAILBOX
⊠ FH — FIRE HYDRANT	⊠ BM — BENCHMARK
⊠ PP — POWER POLE	⊠ CO — CLEAN-OUT
— C — CONCRETE	
— F — FLOW PATH	

**VICINITY MAP
NOT TO SCALE**

DEVELOPMENT / SITE DATA TABLE

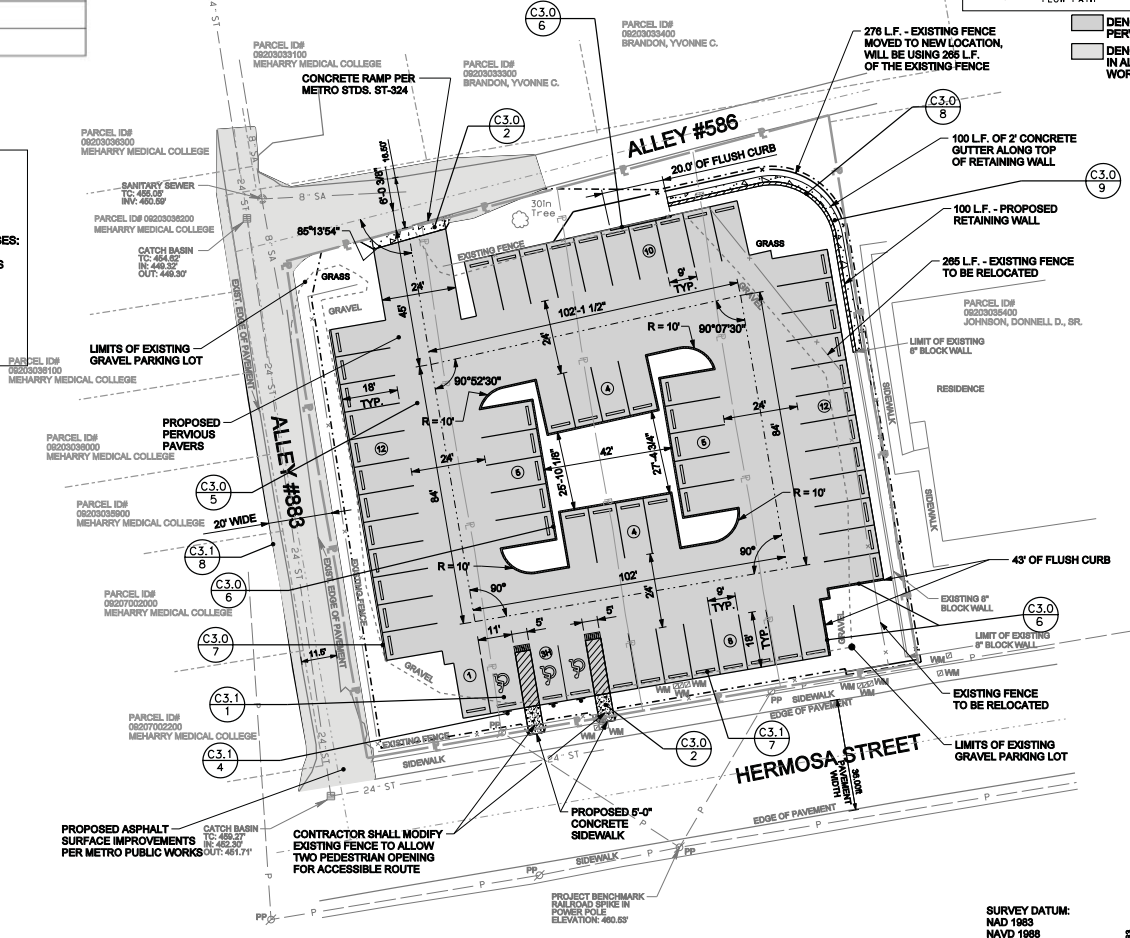
- TOTAL GROSS ACREAGE: 0.740 ACRES
- LAND USE: SP-MUL-A (AUTOMOBILE PARKING)
- 0.469 ACRES PERVIOUS PAVEMENT
- 0.010 ACRES IMPERVIOUS
- 0.262 ACRES LANDSCAPING OPEN AREA
- DENSITY: N/A
- DWELLING UNITS: N/A
- FLOOR AREA RATIO (FAR) : N/A
- LOTS: N/A
- IMPERVIOUS SURFACE RATIO (ISR) : 0.014
- 0.010 ACRES IMPERVIOUS: 0.740 TOTAL AREA

DEVELOPMENT / SITE DATA TABLE, CONT.

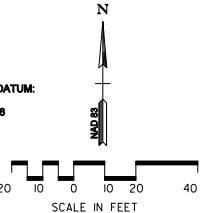
- PARKING:
TOTAL # OF SPACES REQUIRED: N/A
TOTAL # OF SPACES BEING PROPOSED: 64
- SQUARE FOOTAGE (GROSS) OF ALL LAND USES:
20,885 SF IMPERVIOUS PAVING
414 SF IMPERVIOUS DRAINAGE STRUCTURES
11,412 SF LANDSCAPING OPE AREA
- EXISTING LAND USE: ZONED RM20, VACANT
- PROPOSED LAND USE: REZONE TO SP-MUL-A (AUTOMOBILE PARKING)

NOTES:

1. THE PURPOSE OF THE SPECIFIC PLAN APPLICATION (SP) IS TO PERMIT A PARKING LOT.
2. THE SUBJECT PROPERTIES ARE PARCELS ID#09203035800, ID#09203035700, ID#09203035600, AND ID#09203035500 IN THE METRO DAVIDSON COUNTY TAX MAP SYSTEM; THEY ARE CURRENTLY ZONED: RM20 (MULTI-FAMILY (20 UNITS AND ACRES) AND OV-UZO (URBAN ZONING OVERLAY). TOTAL SITE ACREAGE IS 0.74.
3. BASED ON REVIEW OF THE FEMA FLOOD INSURANCE RATE MAP NUMBER 47037C0216F, EFFECTIVE DATE APRIL 20, 2001, IT APPEARS THE SUBJECT PROPERTIES ARE IN ZONE X AND IS THEREFORE NOT AFFECTED BY THE 100 YEAR FLOOD PLAIN.
4. THE PROPOSED CONSTRUCTION WILL CONSIST OF: GRADING, DRAINAGE, AND INSTALLATION OF PERVIOUS PAVEMENT SYSTEM.
5. CONTACT INFORMATION:
ENGINEER:
JAMIE GILLESPIE, P.E.
JAMES + ASSOCIATES, INC.
1 VANTAGE WAY, SUITE E-220
NASHVILLE, TN 37228
615-726-4848
6. DIMENSIONS SHOWN ARE TO FACE OF CURB, EDGE OF CONCRETE AND CORNERS OF THE BUILDING UNLESS SHOWN OTHERWISE.
7. PARKING SUMMARY:
REQUIRED: NOT LESS THAN ONE (1) SPACE FOR EACH TWO (2) EMPLOYEES ANTICIPATED DURING MAXIMUM PRODUCTION, WITH A MINIMUM OF FIVE (5) SPACES PROVIDED FOR ANY ESTABLISHMENT.
PROVIDED:
REGULAR PARKING - 61 SPACES
HANDICAP PARKING - 3 SPACES
TOTAL PARKING - 64 SPACES
8. REGULAR PARKING SPACES SHALL BE 9' X 18'. ALL PARKING STRIPING SHALL BE 4" WHITE PAINTED STRIPING. STRIPING FOR ADA ACCESSIBLE AREAS SHALL BE PER ADA GUIDELINES AND REQUIREMENTS.
9. THE PERVIOUS PAVERS WILL HAVE THE 6" DETACHED POST CONCRETE CURB AROUND THE PERIMETER UNLESS SHOWN OTHERWISE, FOR PROPOSED GRASS AREAS THAT ARE ADJACENT TO FLUSH MOUNTED CURBING, THE GRASSED AREAS SHALL BE STABILIZED WITH SOD PRIOR TO INSTALLATION OF BASE STONE AND PERVIOUS PAVERS TO MINIMIZE TRANSPORT OF SEDIMENT ONTO FINISHED PAVEMENT SURFACE.
10. FEDERAL COMPLIANCE: ALL DEVELOPMENT WITHIN THE BOUNDARIES OF THIS PLAN MEETS THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT AND THE FAIR HOUSING ACT. ADA: [HTTP://WWW.ADA.GOV/](http://www.ada.gov/) U.S. JUSTICE DEPT.: [HTTP://WWW.JUSTICE.GOV/CRT/HOUSING/FAIRHOUSING/ABOUT_FAIRHOUSINGACT.HTM](http://www.justice.gov/crt/housing/fairhousing/about_fairhousingact.htm)



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METRO APPLICATION NO. 2014SP-057-001

JAMES + ASSOCIATES, INC.
Engineers
Architects
Computer Applications



PROPOSED SITE PLAN
MEHARRY PARKING MODIFICATIONS
MEHARRY MEDICAL COLLEGE
21ST AVE. NORTH AND HERMOSA STREET
NASHVILLE, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
ATY	JRG	5.02/14	PRELIMINARY
ATY	JRG	5.27/14	GRADING PERMIT
ATY	JRG	7.04/14	RE-SUBMITTAL

C1.0
FILE NO. 1888-03

GRADING AND DRAINAGE NOTES:

- NO TREES SHALL BE REMOVED AND/OR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES AS APPROVED BY ARCHITECT/ENGINEER. CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING AROUND EXISTING TREES. REFER TO LANDSCAPE PLANS FOR TREE PROTECTION FENCING.
- TOPSOIL SHALL BE STRIPPED FROM ALL CUT AND FILL AREAS, STOCKPILED AND REDISTRIBUTED OVER GRADED AREAS TO A MINIMUM DEPTH OF 6".
- TOPSOIL USED FOR FINISH GRADING SHOULD NOT CONTAIN GRAVEL, ROCK, AGGREGATE, OR CONSTRUCTION DEBRIS.
- ALL GRADED AREAS SHALL BE MULCHED AND SEEDED AS SOON AS POSSIBLE AFTER GRADING IS COMPLETED.
- CONSTRUCT TEMPORARY EROSION CONTROL AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING GRADING OPERATIONS.
- SILT BARRIERS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 50% FILLED. REPLACE DAMAGED AND WORN OUT SILT BARRIERS AS DIRECTED BY THE EROSION CONTROL SPECIALIST.
- ALL LOCATIONS OF TEMPORARY EROSION CONTROL DEVICES SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE EROSION CONTROL SPECIALIST.
- WHEN THE TEMPORARY SOIL EROSION CONTROL DEVICES ARE NO LONGER REQUIRED FOR THE INTENDED PURPOSE (IN THE OPINION OF THE EROSION CONTROL SPECIALIST), THEY SHALL BE REMOVED.
- ALL NEW STRUCTURES AND EXISTING STRUCTURES SHALL HAVE SEDIMENT REMOVED PRIOR TO FINAL ACCEPTANCE.
- TOP OF GRATE ELEVATIONS FOR CURB INLETS ARE GIVEN TO THE CENTER OF THE INLETS AT THE FACE OF CURB. THE GRATE SHALL SLOPE LONGITUDINALLY WITH THE PAVEMENT GRADE. ADJUST THE CASTING TO FALL ALONG THE CURB LINE.
- NEW SPOT ELEVATIONS AND CONTOURS REPRESENT FINISHED GRADE AND TOP OF FINISHED PAVEMENT.
- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING WORK.
- EXISTING MANHOLE CASTINGS TO REMAIN SHALL BE RESET TO MATCH NEW GRADE.
- ALL CURBS SHALL BE BACKFILLED WITH TOPSOIL AND SEEDED AND MULCHED, UNLESS OTHERWISE NOTED. FINISHED TOPSOIL GRADE TO BE MINIMUM OF 4" BELOW TOP OF CURB.
- ALL PIPES UNDER PAVED AREAS SHALL BE BACKFILLED WITH CRUSHED STONE. ALL PIPES UNDER LAWN AREAS SHALL BE BACKFILLED WITH SATISFACTORY MATERIALS.
- DRAINAGE STRUCTURES WILL CONSIST OF SHERMAN DIXIE CONCRETE PRODUCTS FOR ENDWALLS AND OUTLET STRUCTURES OR APPROVED EQUAL THAT MEETS METRO DAVIDSON COUNTY SPECIFICATIONS.
- THE CONTRACTOR SHALL PERFORM GRADING TO MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
- PERVIOUS PAVERS SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS AND IN ACCORDANCE WITH METRO STORMWATER BEST MANAGEMENT PRACTICES PTP-16.

ADA DISCLAIMER:

ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT ("ADA") AND ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD, FEDERAL REGISTER 36 CFR PARTS 1190 AND 1191, ASSESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES; ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES; PROPOSED RULE, PUBLISHED IN THE FEDERAL REGISTER ON JULY 23, 2004, AS HAS BEEN ADOPTED BY METRO.

THE EROSION CONTROL PLAN WAS PREPARED BY A CPESC, JAMIE GILLESPIE, P.E. PER METRO WATER SERVICES AND TDEC REQUIREMENTS. AN EPSC WILL BE ASSIGNED TO THIS PROJECT UNTIL ITS COMPLETION AND THE ISSUANCE OF A USE AND OCCUPANCY PERMIT. UPON IDENTIFICATION OF THE OWNER'S EPSC HE/SHE WILL SIGN THE GRADING PLAN AND PROPERLY REGISTER WITH METRO WATER SERVICES STORMWATER DIVISION.

Jamie Gillespie
 JAMIE GILLESPIE, P.E., CPESC

THE PROJECT ASSOCIATED WITH THESE SUBMITTED PLANS DOES NOT REQUIRE COVERAGE UNDER THE TENNESSEE GENERAL STORM WATER PERMIT

Jamie Gillespie
 SIGNATURE PROJECT ENGINEER

05/27/14
 DATE

AS-BUILT NOTE:

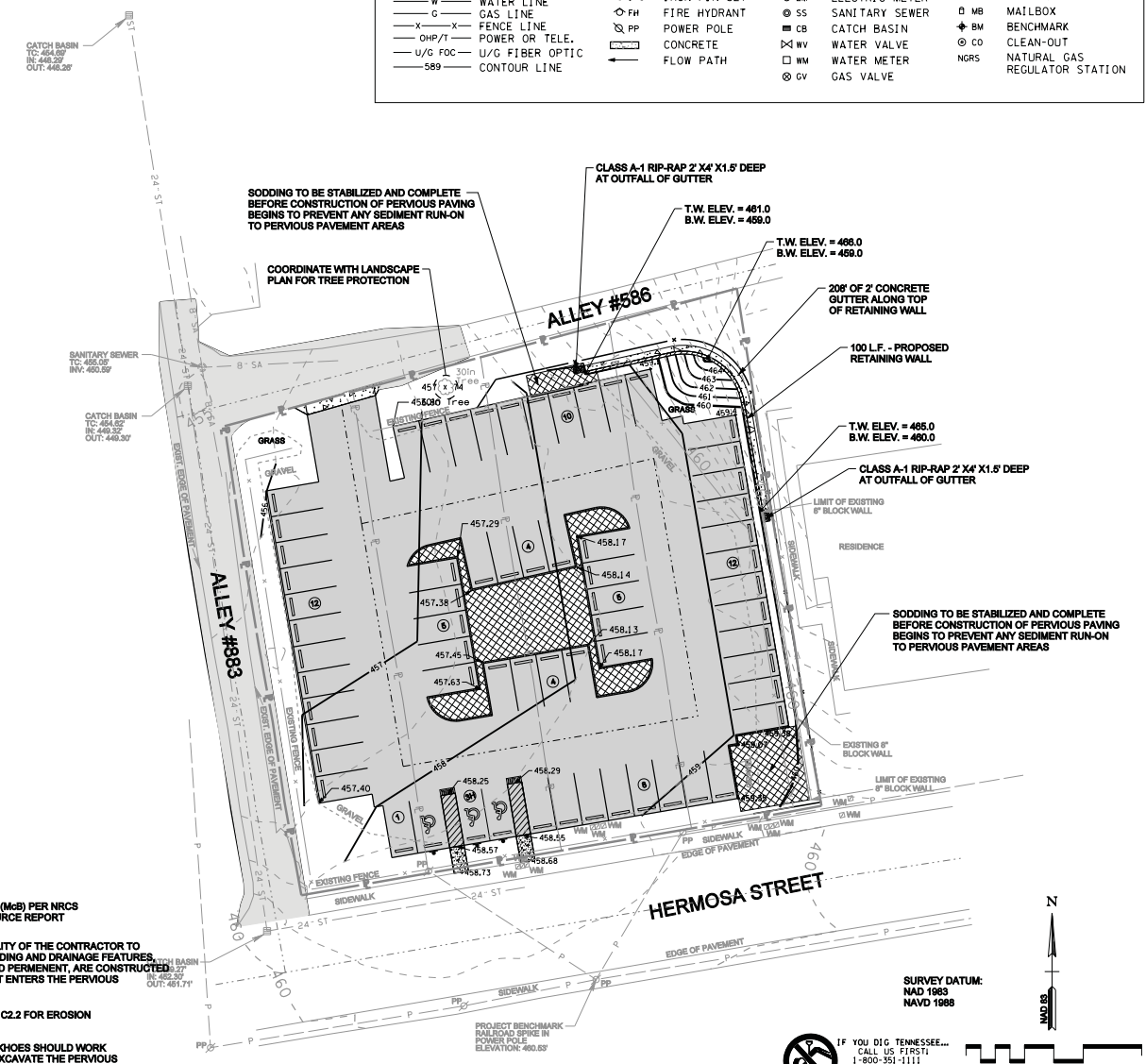
IN ACCORDANCE WITH THE METRO STORMWATER MANAGEMENT MANUAL, VOLUME 1, SECTION 3.8, AS-BUILT CERTIFICATIONS, MWS STORMWATER DIVISION MUST APPROVE THE FOLLOWING AS-BUILTS PRIOR TO ISSUANCE OF THE USE AND OCCUPANCY PERMIT:

- UNDERGROUND DETENTION AND WATER QUALITY INFRASTRUCTURE.
 - ABOVE GROUND DETENTION AND WATER QUALITY INFRASTRUCTURE.
 - PUBLIC STORM SEWER INFRASTRUCTURE.
 - CUT & FILL IN THE FLOODPLAIN
 - SINK HOLE ALTERATIONS
- THE ENGINEER SHALL VISIT www.nashville.gov/stormwater/asbuilt.htm FOR SUBMITTAL REQUIREMENTS.

■ DENOTES: PROPOSED PERVIOUS PAVER AREA
 ■ DENOTES: SOD AREA

LEGEND

— PL — PROPERTY LINE	□ MON. CONC. MONUMENT	* LP LIGHT POLE	○ CM GAS METER
— ST — STORM LINE	○ IPO IRON PIN	□ EB ELECTRIC BOX	— SIGN
— S — SEWER LINE	● FPS IRON PIN SET	○ EM ELECTRIC METER	○ TMH TELE. MANHOLE
— W — WATER LINE	○ FH FIRE HYDRANT	○ SS SANITARY SEWER	○ MB MAILBOX
— G — GAS LINE	□ PP POWER POLE	□ CB CATCH BASIN	◆ BM BENCHMARK
— X — X — FENCE LINE	□ CC CONCRETE	□ WV WATER VALVE	○ CO CLEAN-OUT
— OHP/T — POWER OR TELE.	— FLOW PATH	□ WM WATER METER	○ NGRS NATURAL GAS REGULATOR STATION
— U/G FOC — U/G FIBER OPTIC		○ GV GAS VALVE	
— 589 — CONTOUR LINE			



- NOTE: ALL SOILS ARE HSG: B (McB) PER NRCS CUSTOM SOILS RESOURCE REPORT
- NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT ALL GRADING AND DRAINAGE FEATURES, BOTH TEMPORARY AND PERMENENT, ARE CONSTRUCTED SO THAT NO SEDIMENT ENTERS THE PERVIOUS PAVEMENT AREAS.
- NOTE: SEE SHEETS C2.1 AND C2.2 FOR EROSION CONTROL.
- NOTE: EXCAVATORS OR BACKHOES SHOULD WORK FROM THE SIDES TO EXCAVATE THE PERVIOUS PAVERS AREA TO ITS APPROPRIATE DESIGN DEPTH AND DIMENSIONS. EXCAVATING EQUIPMENT SHOULD HAVE SCOOPS WITH ADEQUATE REACH SO THEY DO NOT HAVE TO SIT INSIDE THE PAVEMENT FOOTPRINT.

Engineers
 &
 Surveyors
JAMES + ASSOCIATES, INC.



GRADING AND DRAINAGE PLAN
 MEHARRY PARKING MODIFICATIONS
 MEHARRY MEDICAL COLLEGE
 21ST AVE. NORTH AND HERMOSA STREET
 NASHVILLE, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
ATY	JRG	5/20/14	PRELIMINARY
ATY	JRG	5/27/14	GRADING PERMIT
ATY	JRG	7/24/14	RE-SUBMITTAL

C2.0
 FILE NO. 1888-03


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METRO APPLICATION NO. 2014SP-057-001

LEGEND			
---	PL --- PROPERTY LINE	★ LP	LIGHT POLE
---	ST --- STORM LINE	□ EB	ELECTRIC BOX
---	S --- SEWER LINE	○ EM	ELECTRIC METER
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---	589 --- CONTOUR LINE	○ GM	GAS METER
□ MON.	CONC. MONUMENT	—	SIGN
⊙ IPO	IRON PIN	⊙ TMH	TELE. MANHOLE
● IPS	IRON PIN SET	⊙ MB	MAILBOX
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⊙ PP	POWER POLE	⊙ CO	CLEAN-OUT
▭	CONCRETE	NRGS	NATURAL GAS REGULATOR STATION
→	FLOW PATH		

EROSION AND SEDIMENT CONTROL LEGEND:

VEGETATIVE PRACTICES

- MA** EROSION CONTROL MATTING (MA) (REFER TO SHEET C2.2, DETAIL 3)
- PS** DISTURBED AREA STABILIZATION w/PERMANENT SEEDING (PS) (TYPICAL FOR ALL DISTURBED AREAS)
-  SOD

STRUCTURAL PRACTICES

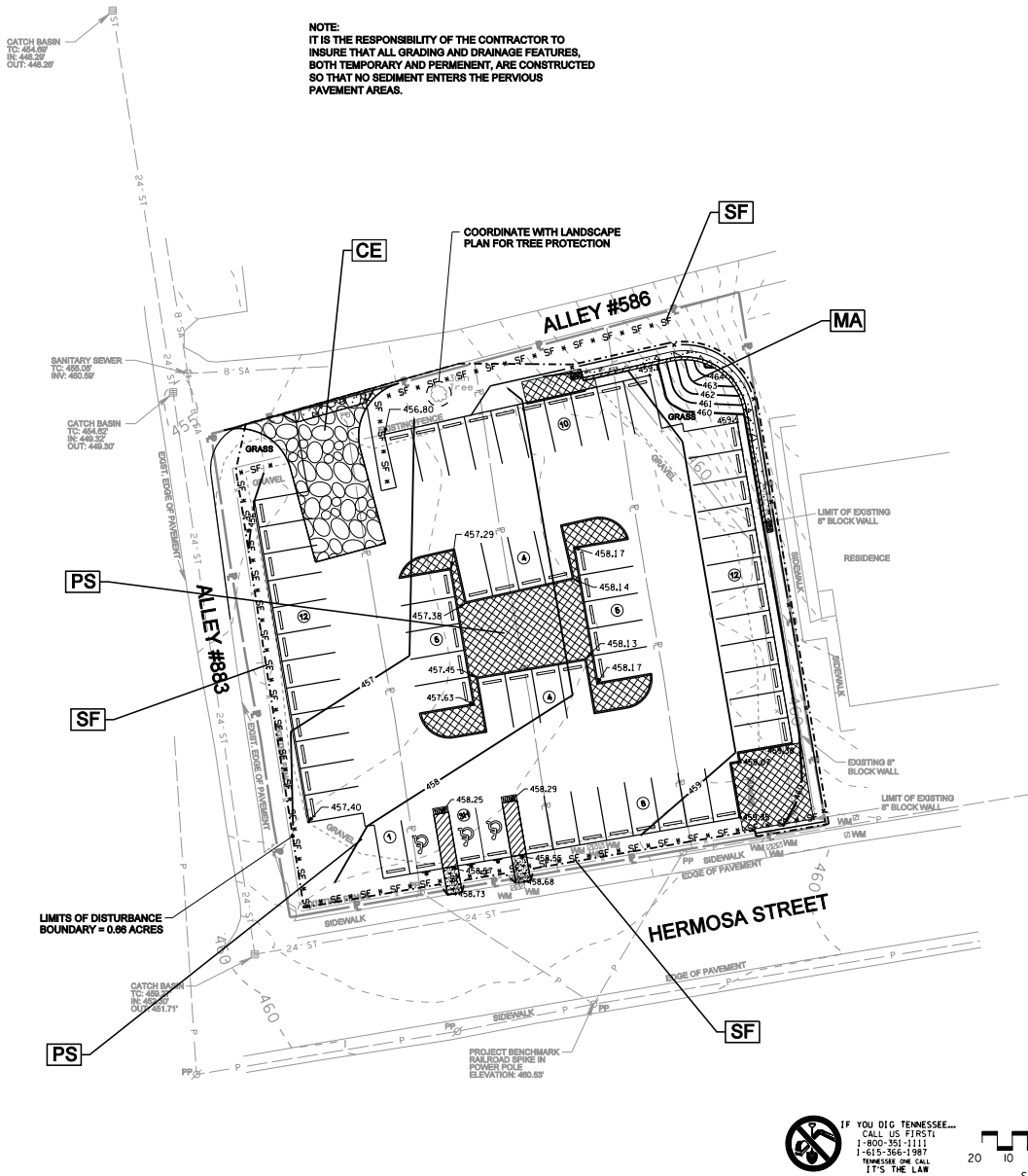
- CE** CONSTRUCTION EXIT (CE) (REFER TO SHEET C2.2, DETAIL 1)
- SF** SILT FENCE (SF) (REFER TO SHEET C2.2, DETAILS 2 AND 3)
- IP** INLET PROTECTION (IP) (REFER TO SHEET C2.2, DETAIL 4)
- OP** OUTLET PROTECTION (OP) (REFER TO SHEET C2.2, DETAIL 6)

STRUCTURAL PRACTICES (CONT'D)

- MA** NOTE: GROUND STABILIZATION MAT (MA) SHALL BE INSTALLED ON ALL SLOPES GREATER THAN 3:1. GROUND STABILIZATION MAT (MA) SHALL BE INSTALLED PER GROUND STABILIZATION MAT SLOPE INSTALLATION DETAIL, SHEET C2.2, DETAIL 5.
- SF** NOTE: SILT FENCING (SF) SHALL BE INSTALLED PER SILT FENCE ANCHORING DETAIL AND SILT FENCE END LAYOUT INSTALLATION DETAIL, SHEET C2.2, DETAILS 2 AND 3

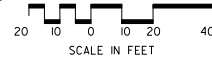
- NOTE: REFER TO SHEET C2.2 FOR THE FOLLOWING:
- EROSION/SEDIMENTATION CONTROL NOTES.
- NOTE: DISTURBED AREA SHALL BE LIMITED TO THE LIMITS OF DISTURBANCE BOUNDARY SHOWN ON THIS SHEET. THE SIZE OF THIS AREA TOTALS 0.66 ACRES, 28,628 S.F.

**TOTAL SITE AREA: 32,234.4 SQ. FT.
OR 0.74 ACRES**



NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT ALL GRADING AND DRAINAGE FEATURES, BOTH TEMPORARY AND PERMENTENT, ARE CONSTRUCTED SO THAT NO SEDIMENT ENTERS THE PREVIOUS PAVEMENT AREAS.

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THE VORTWICK GROUP, INC. ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS, AND LANDSCAPE ARCHITECTS
JAMES R. GILLESPIE, P.E.
JAMES + ASSOCIATES, INC.



EROSION CONTROL PLAN (PHASE I AND II)
MEHARRY PARKING MODIFICATIONS
MEHARRY MEDICAL COLLEGE
21ST AVE. NORTH AND HERMOSEA STREET
NASHVILLE, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
	ATY	5.02/14	PRELIMINARY
	ATY	5.27/14	GRADING PERMIT
	ATY	7.04/14	RE-SUBMITTAL

C2.1
FILE NO. 1888-03

METRO APPLICATION NO. 2014SP-057-001

EROSION AND SEDIMENT CONTROL NOTES:

- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.
- MAINTENANCE, EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- EROSION CONTROL WORK PERFORMED BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS OF METRO DAVIDSON COUNTY.
- ALL SEDIMENT CONTROLS AND CRITICAL SLOPES MUST BE STABILIZED WITHIN SEVEN CALENDAR DAYS OF DISTURBANCE. ALL OTHER DISTURBED AREAS OF THE PROJECT SITE MUST BE STABILIZED WITHIN FOURTEEN CALENDAR DAYS.
- ALL POINTS OF INGRESS AND EGRESS SHALL BE PROTECTED TO MINIMIZE TRACKING OF MUD ONTO PUBLIC RIGHT-OF-WAYS AND ROADS.
- ANY EARTH, GRAVEL, AND/OR OTHER MATERIAL TRACKED, SPILLED, OR WASHED ONTO ROAD OR ADJACENT PROPERTIES MUST BE IMMEDIATELY REMOVED AND DISPOSED OF IN A PROPER MANNER. FLUSHING WILL NOT BE PERMITTED. ALL MATERIAL MUST BE REMOVED BY MEANS OF SHOVELING AND SWEEPING.
- SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL SITE IS PERMANENTLY STABILIZED.
- AFTER SITE IS PERMANENTLY STABILIZED AND BEFORE EROSION CONTROL MEASURES ARE REMOVED, THE CONTRACTOR SHALL CLEAN DERRIS AND SILT FROM ALL STORM SEWERS, STRUCTURES AND DITCHES IN AREA OF WORK.
- ALL EXCAVATED MATERIAL SHALL BE PLACED ON HIGH SIDE WHEREVER POSSIBLE AND CONFINED TO AN AREA WHERE IT WILL NOT OBSTRUCT THE NORMAL FLOW OF THE DRAINAGE.
- PUMPING OF SEDIMENT LADEN WATER WILL NOT BE ALLOWED UNLESS IT IS FILTERED BY MEANS OF AN INLET PROTECTION DEVICE.
- THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING STRAW BALE FILTERS AND SILT FENCES CLEAR OF SEDIMENT BUILDUP DURING CONSTRUCTION.
- CONTINUOUS INSPECTION AND MAINTENANCE OF THE SEDIMENT CONTROL DEVICES IS MANDATORY.
- ANY SEDIMENT CONTROL DEVICES DISTURBED DURING SITE GRADING AND UTILITY CONSTRUCTION MUST BE RESTORED IMMEDIATELY.
- ALL SILT BARRIERS MUST BE PLACED IMMEDIATELY FOLLOWING CLEARING. NO GRADING SHALL BE DONE.
- WHEN, IN THE OPINION OF THE NPDES DEPT., THE TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES ARE NO LONGER REQUIRED FOR THEIR INTENDED PURPOSES, THEY SHALL BE REMOVED BY THE GRADING CONTRACTOR.
- EXPOSE THE SMALLEST AREAS OF SOIL FOR AS SHORT A TIME AS POSSIBLE.
- KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
- USE TEMPORARY VEGETATION AND/OR MULCH TO PROTECT BASE AREAS FROM EROSION DURING CONSTRUCTION.
- ALL CUT/FILL AREAS TO HAVE A MINIMUM OF 6-INCH DEPTH TOPSOIL COVER. AREAS DRESSED WITH TOPSOIL WILL RECEIVE 12 POUNDS PER 1000 SQUARE FEET OF 6-12-12 FERTILIZER, 6 POUNDS OR MORE OF SEED PER 1000 SQUARE FEET (SEE SEED CHARTON THIS SET) AND A STRAW MULCH OF 70% - 80% COVERAGE (APPROXIMATELY 125 POUNDS PER 1000 SQUARE FEET) EXCEPT AS OTHERWISE DETERMINED BY PLAN.
- DISTURBED AREAS ARE TO BE GRADED TO DRAIN AS INDICATED ON PLAN TO SEDIMENT BARRIERS DURING AND UPON COMPLETION OF CONSTRUCTION.
- A STONE ACCESS RAMP MAY BE CONSTRUCTED AT THE SITE ENTRANCE WITH A MINIMUM WIDTH OF 24 FEET AND MINIMUM LENGTH OF 100 FEET. RAMP IS TO BE BASED WITH 8 INCHES OF ASTM D 448, SIZE NO. 1 STONE, AND MAINTAINED THROUGHOUT CONSTRUCTION.
- THE PLACING AND SPREADING OF ANY FILL MATERIAL IS TO BE STARTED AT THE LOWEST POINT AND BROUGHT UP IN HORIZONTAL LAYERS OF 6" THICKNESS. SAID FILL MATERIAL IS TO BE FREE OF SOIL, ROOTS, FROZEN SOILS OR ANY OTHER DECOMPOSABLE MATERIAL. THE RELATIVE COMPACTION OF EACH LAYER SHALL NOT BE LESS THAN 86% OF STANDARD PROCTOR TEST FOR CLASS I (FILL BENEATH STRUCTURES, PARKING AREAS, AND ACCESS ROADS) FILLS AND 85% OF STANDARD PROCTOR TEST FOR CLASS II (ALL OTHER FILLS) FILLS.
- IF, AT ANY TIME DURING THE CONSTRUCTION PHASE OF THIS PROJECT, THE EROSION/SEDIMENTATION CONTROL MEASURES INSTALLED FAIL TO FUNCTION PROPERLY, NEED MAINTENANCE OR REPAIR, OR NEED NEW REPLACEMENT IN KIND, THE CONTRACTOR WILL EFFECT SUCH ACTIONS AS ARE NEEDED TO CORRECT THE SITUATION AT NO ADDITIONAL COST TO THE OWNER.
- UPON STABILIZATION OF THE PROJECT SITE WITH A GOOD (ACCEPTABLE) STAND OF GRASS AND/OR GROUND COVER, THE EROSION/SEDIMENTATION CONTROL INSTALLATIONS WILL BE REMOVED AND THE AREA DISTURBED WILL BE SOILED AND MULCHED WITH THE SAME TREATMENT AS OTHER NEW GRASSSED AREAS OF THE PROJECT. ANY AREAS THAT ARE LEFT DISTURBED FOR OVER 14 DAYS, THE CONTRACTOR SHALL STABILIZE WITH TEMPORARY SEEDING AND MULCHING, WITH THE SAME TREATMENT AS OTHER NEW GRASSSED AREAS OF THE PROJECT.
- THE CONTRACTOR WILL BE REQUIRED TO INSTALL THE EROSION CONTROL DEVICES PER THE PLAN AND NOTIFY THE ENGINEER WHEN THIS HAS BEEN COMPLETED. THE ENGINEER WILL THEN VISIT THE SITE FOR FIELD OBSERVATION AND PROVIDE NOTIFICATION TO METRO DAVIDSON COUNTY REQUESTING INSPECTION. UPON ACCEPTANCE FROM METRO DAVIDSON COUNTY, THE GRADING PERMIT WILL BE OBTAINED.

SILT BARRIER CONSTRUCTION NOTES:

SILT BARRIER ATTACHMENT NOTES:

- WHEN TWO SECTIONS OF SILT FENCE ARE JOINED TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
- SILT FENCE TO BE FASTENED SECURELY EVERY 6" ALONG POST.
- ACCUMULATED SEDIMENT MUST BE REMOVED WHEN IT REACHES 50% OF THE HEIGHT OF THE FABRIC.
- WOOD POSTS, 2"x2" HARDWOOD WITH MIN. CROSS SECTION AREA OF 3 INCHES.
- STEEL POST, EITHER T OR U TYPE, NOT WEIGHING LESS THAN 1 LB./LF.
- SILT FENCE: PER TDOT SECTION 8-B.27, AASHTO M 298, CLASS A.

EROSION CONTROL CONSTRUCTION NOTES:

SILT BARRIER INSTALLATION

INSTALL SILT BARRIER AS FOLLOWS:

- DIG MINIMUM 6"x6" TRENCH WHERE FENCE IS TO BE INSTALLED OR INSURE SUFFICIENT FILL MATERIAL IS AVAILABLE.
- UNROLL SILT BARRIER BY SECTION (POLE TO POLE) ALONG TRENCH OR PREDETERMINED PATH.
- DRIVE POST INTO UNDISTURBED SOIL UNTIL SUPPORT NETTING IS IN THE TRENCH OR BEGINNING TO LAY ON THE GROUND.

LOCATION:

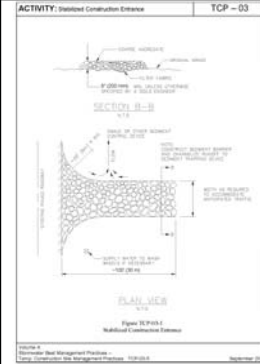
- THE LOCATION SHALL BE LOCATED TO INTERCEPT ALL SILT/WATER RUN-OFF FROM THE SITE.
- SUFFICIENT EXTENSION OF EACH FENCE SECTION SHALL BE INSTALLED (PREFERABLY UPHILL) TO INSURE RUN-OFF WILL NOT GO AROUND THE ENDS.
- A SERIES OF SILT FENCES MAY BE REQUIRED IF THE VOLUME OF RUN-OFF FILLS THE RETENTION AREA AND FLOWS OVER THE FENCE.

SLOPE DRAINS:

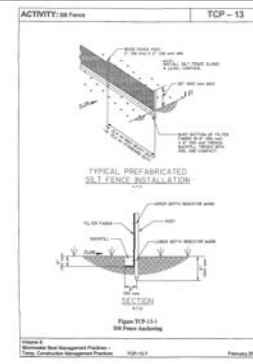
- PROVIDE TEMPORARY SLOPE DRAINS AND SWALES AT TOP OF SLOPES AS REQUIRED TO PREVENT RUTTING AND MAINTAIN UNTIL PERMANENT STAND OF GRASS IS ESTABLISHED.

GENERAL NOTES:

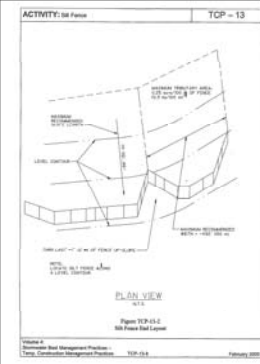
- ANY ADDITIONAL EROSION CONTROL REQUIRED BY GOVERNING AUTHORITIES SHALL BE THE RESPONSIBILITY OF THE GRADING CONTRACTOR. ALL EROSION CONTROL SHALL BE MAINTAINED UNTIL PERMANENT GRASSING OR FINISHED SURFACES ARE ESTABLISHED.
- PRIOR TO MOBILIZATION-TAG TREES W/OWNER.



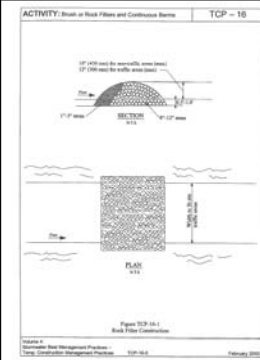
STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



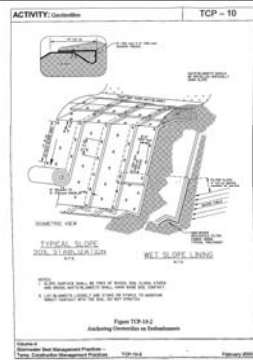
SILT FENCE ANCHORING DETAIL
NOT TO SCALE



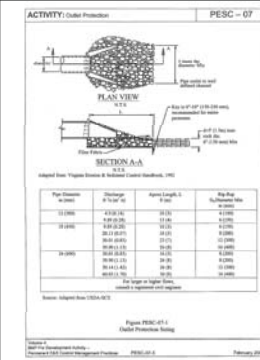
SILT FENCE END LAYOUT
NOT TO SCALE



INLET PROTECTION ROCK FILTER RING
NOT TO SCALE



GROUND STABILIZATION MAT SLOPE INSTALLATION DETAIL
NOT TO SCALE



OUTLET PROTECTION INSTALLATION DETAIL
NOT TO SCALE

THE VANTAGE ADV. SURV. E-28 NORMAN, GEORGIA 31706-05705494
JA Engineers & Computer Applications
JAMES + ASSOCIATES, INC.

JAMES R. GILLESPIE
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF TENNESSEE
 07-01-14

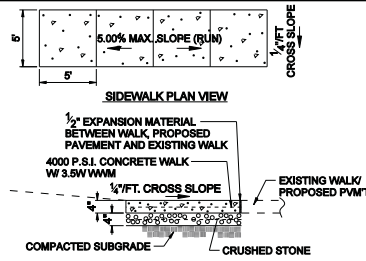
EROSION CONTROL NOTES AND DETAILS
 MEHARRY PARKING MODIFICATIONS
 MEHARRY MEDICAL COLLEGE
 21ST AVE. NORTH AND HERMOSA STREET
 NASHVILLE, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
			PRELIMINARY
			GRADING PERMIT
			RE-SUBMITTAL

C2.2
 FILE NO. 1888-03

NOTES:

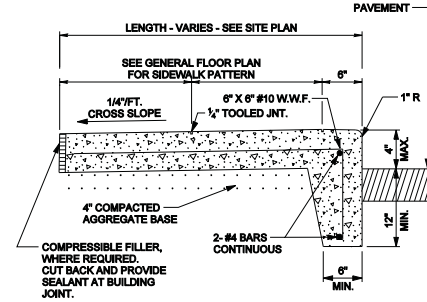
- CURB RAMPS SHALL BE PROVIDED TO ALL USERS TO MAKE THE TRANSITION IN GRADE FROM THE STREET TO THE SIDEWALK
- CURB RAMPS SHALL BE CONSTRUCTED TO THE DIMENSIONS AND FINISHED ELEVATIONS AS SPECIFIED IN THE PLANS AND/OR CONTRACT DOCUMENTS AND SHALL ALSO CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. SURFACE TEXTURE OF THE CURB RAMP SHALL BE STABLE, FIRM AND SLIP-RESISTANT. THE SURFACE SHALL BE COARSE BROOMED FINISH TRANSVERSE TO THE SLOPP OF THE RAMP. CARE SHALL BE TAKEN TO ASSURE AN UNIFORM GRADE ON THE CURB RAMP. LONGITUDINAL AND TRANSVERSE JOINT MARKINGS SHALL NOT BE ALLOWED ON THE LANDINGS OR RAMPS.
- DRAINAGE AND UTILITY STRUCTURES SHALL NOT BE PLACED IN CURB RAMP OR LANDING.
- THE GUTTER LINE PROFILE OF THE STREET SHALL BE MAINTAINED THROUGH THE AREA OF THE CURB RAMP.
- THE FURNISHING ZONE BUFFERS PEDESTRIANS FROM THE ADJACENT ROADWAY, AND IS ALSO THE AREA WHERE ELEMENTS SUCH AS STREET TREES, SIGNAL POLES, UTILITY POLES, STREET LIGHTS, CONTROLLER BOXES, HYDRANTS, SIGNS, PARKING METERS, DRIVEWAY APRONS, GRATES, HATCH COVERS, AND STREET FURNITURE ARE PROPERLY LOCATED.



SIDEWALK SECTION VIEW
 NOTE: EXPANSION JOINTS TO BE SPACED A MAX. OF 20' APART OR AS DIRECTED BY THE ENGINEER TO MEET SPACING OF MARKINGS. CONTRACTION JOINTS TO BE EQUALLY SPACED AT 6' MAXIMUM CENTERS BETWEEN EXPANSION JOINTS.
 NOTE: SIDEWALKS SHALL BE 3000 PSI @ 28 DAY STRENGTH, AIR-ENTRAINED MEDIUM BROOM FINISH TEXTURE.
 NOTE: COORDINATE CONCRETE COLOR WITH ARCHITECTURAL PLANS.

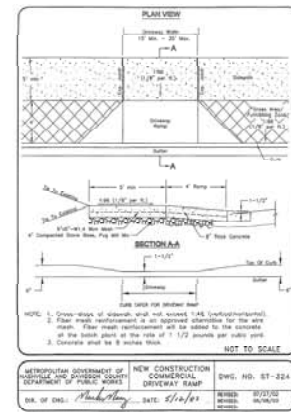
SIDEWALK DETAIL
NOT TO SCALE

2



TYPICAL PERIMETER SIDEWALK
NOT TO SCALE

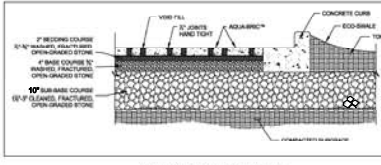
3



METROPOLITAN GOVERNMENT OF NASHVILLE
 DEPARTMENT OF PUBLIC WORKS
 DATE: 8/10/18

4

NOTE: THIS DETAIL IS INCLUDED FOR PAVER AND STONE REQUIREMENTS. DISREGARD CURB AND GUTTER SECTION, SEE PLANS FOR USE OF DETAILS 6 AND 7 ON THIS SHEET.



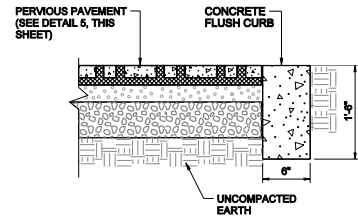
AQUA-BRIC™ BASS™ - GENERAL DETAIL
 NOTES:
 1. THIS DETAIL IS INTENDED FOR GENERAL USE AND REFERENCED ONLY, AND IS NOT FOR SPECIFICATIONS.
 2. CONSULT WITH A QUALIFIED CIVIL, MECHANICAL, ELECTRICAL OR PLUMBING ENGINEER FOR APPLICATIONS.

APT Ecological Paver Systems™
 67 Stonehill Road
 Chicago, Illinois 60643
 877-551-4200 (Toll Free)

AQUA-BRIC™ BIO-AQUIFER STORM SYSTEM (BASS™) GENERAL DETAIL

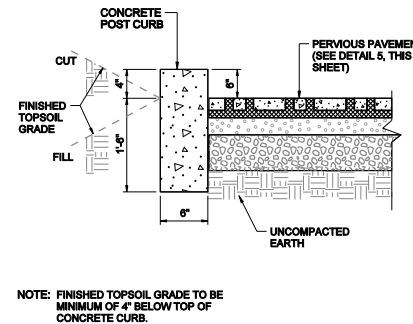
PERMEABLE INTERLOCKING CONCRETE PAVEMENT DETAIL
NOT TO SCALE

5



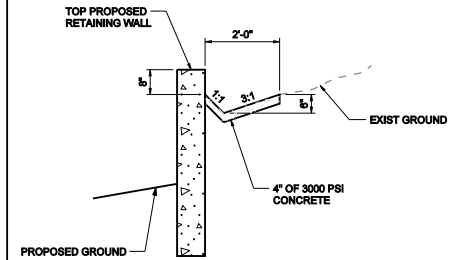
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6



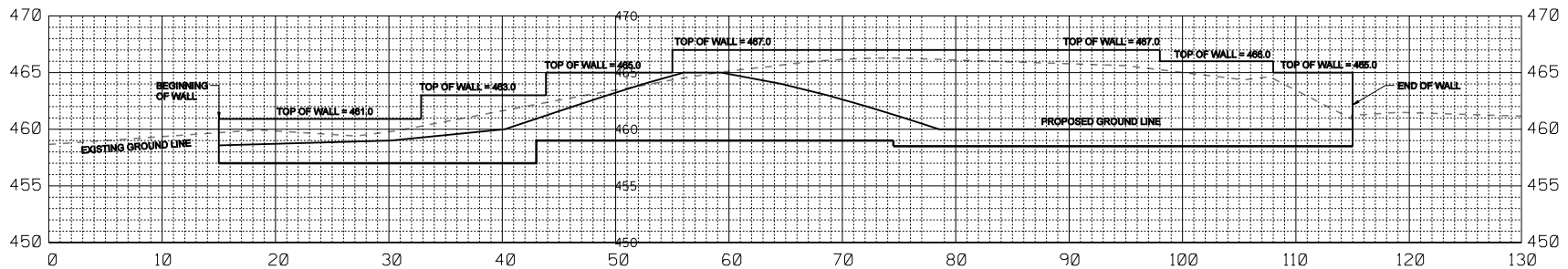
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7



TYPICAL 2\"/>

9



PROPOSED RETAINING WALL SECTION
NOT TO SCALE

METRO APPLICATION NO. 2014SP-057-001

8



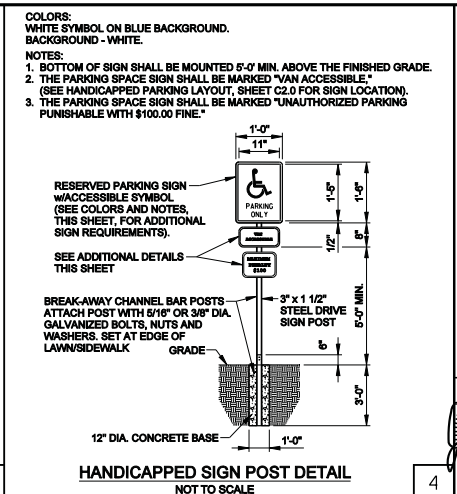
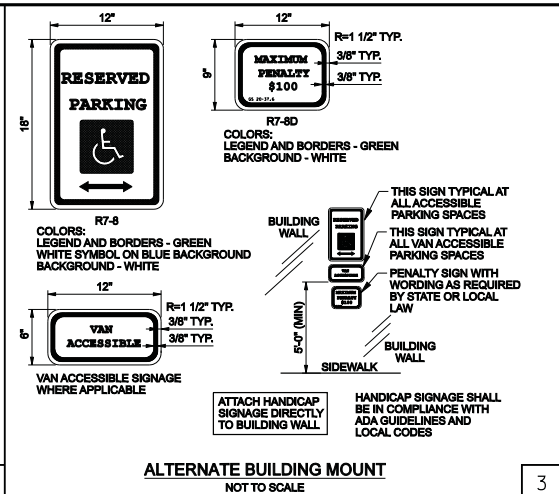
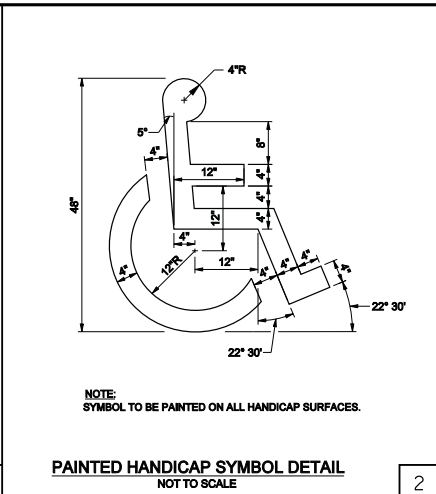
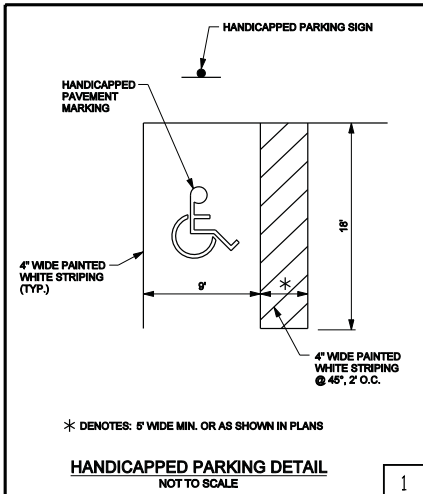
CONSTRUCTION DETAILS

MEHARRY PARKING MODIFICATIONS
 MEHARRY MEDICAL COLLEGE
 21ST AVE. NORTH AND HERMOSA STREET
 NASHVILLE, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
ATY	JRG	5/22/14	PRELIMINARY
ATY	JRG	5/27/14	GRADING PERMIT
ATY	JRG	7/24/14	RE-SUBMITTAL

C3.0

FILE NO. 1688-03



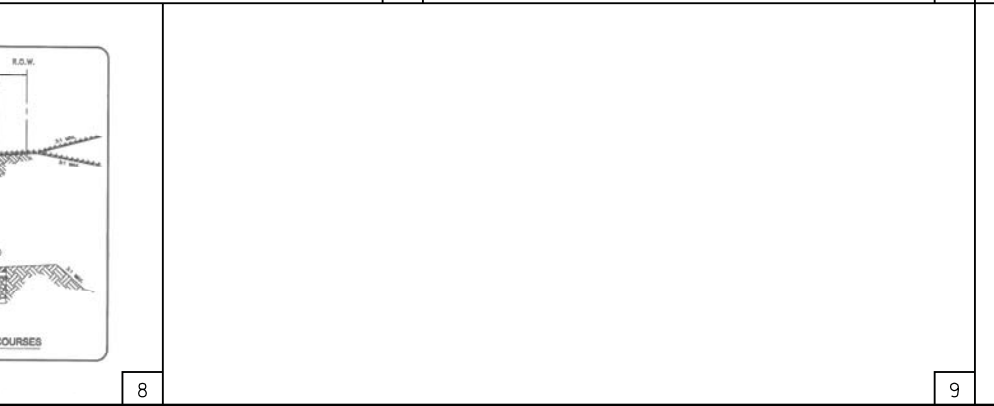
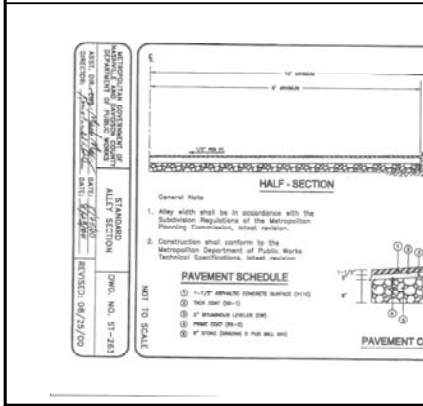
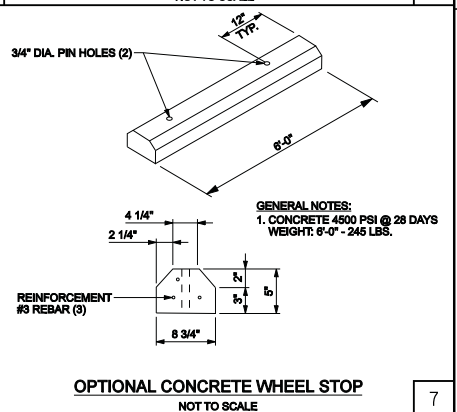
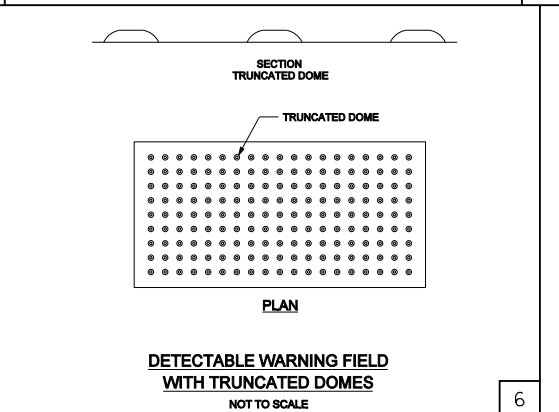
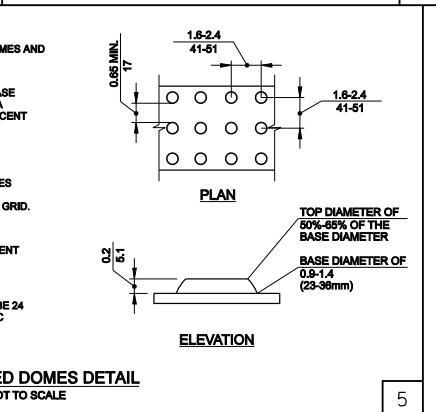
GENERAL:
 DETECTABLE WARNINGS SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES AND SHALL COMPLY WITH ADA REQUIREMENTS, 705 DETECTABLE WARNINGS.

DOMES SIZE:
 TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL HAVE A BASE DIAMETER OF 0.9 INCH (23 mm) MINIMUM AND 1.4 INCHES (36 mm) MAXIMUM, A TOP DIAMETER OF 60 PERCENT OF THE BASE DIAMETER MINIMUM TO 65 PERCENT OF THE BASE DIAMETER MAXIMUM, AND A HEIGHT OF 0.2 INCH (5.1 mm). 705.1.1 DOME SIZE

DOMES SPACING:
 TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL HAVE A CENTER-TO-CENTER SPACING OF 1.6 INCHES (41 mm) MINIMUM AND 2.4 INCHES (61 mm) MAXIMUM, AND A BASE-TO-BASE SPACING OF 0.65 INCH (17 mm) MINIMUM, MEASURED BETWEEN THE MOST ADJACENT DOMES ON A SQUARE GRID. 705.1.2 DOME SPACING

CONTRAST:
 DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. 705.1.3 CONTRAST

PLATFORM EDGES:
 DETECTABLE WARNING SURFACES AT PLATFORM BOARDING EDGES SHALL BE 24 INCHES (610 mm) WIDE AND SHALL EXTEND THE FULL LENGTH OF THE PUBLIC USE AREAS OF THE PLATFORM. 705.2 PLATFORM EDGES



CONSTRUCTION DETAILS

MEHARRY PARKING MODIFICATIONS
 MEHARRY MEDICAL COLLEGE
 21ST AVE. NORTH AND HERMOSA STREET
 NASHVILLE, TENNESSEE

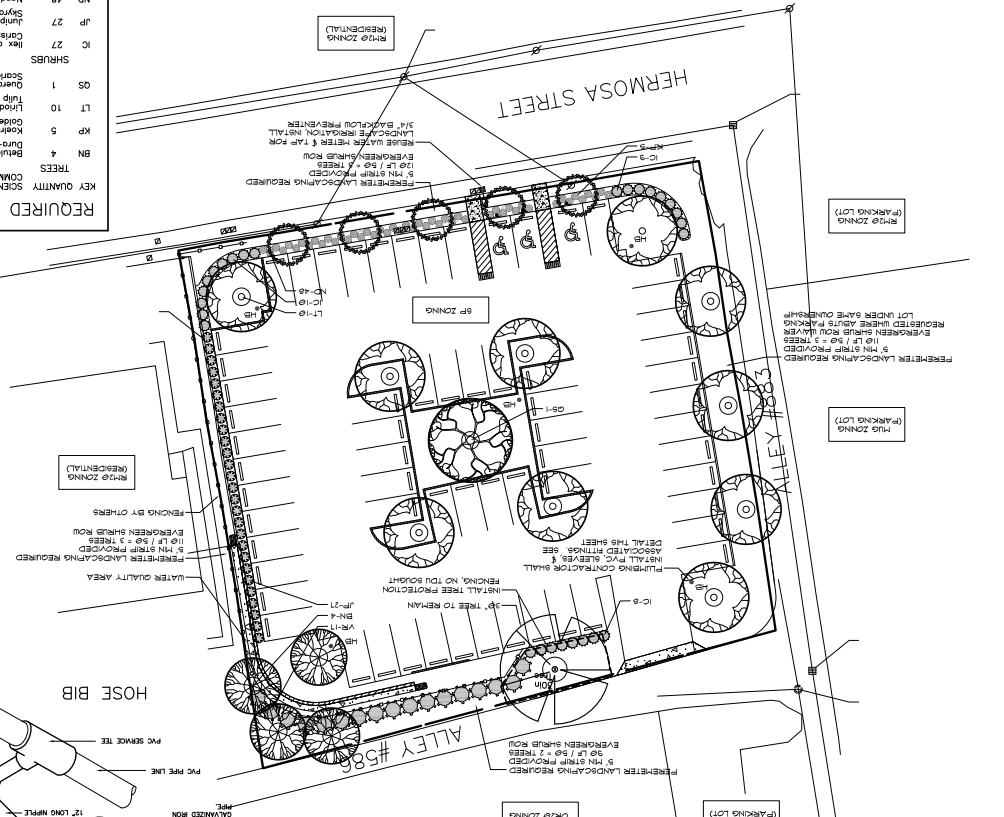
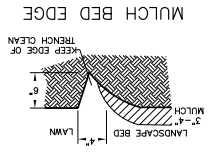
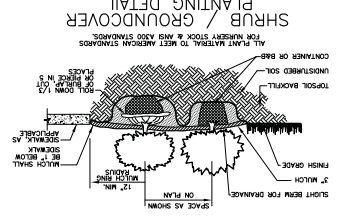
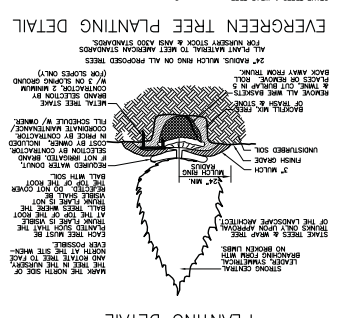
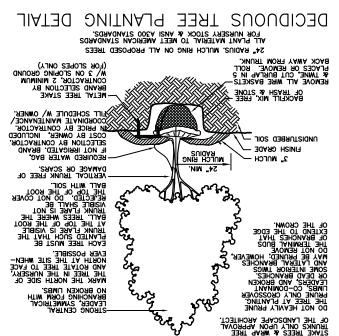
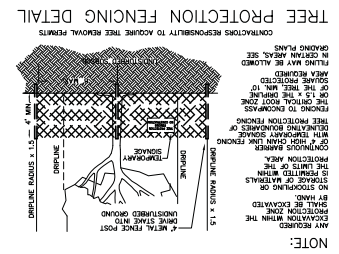
DR.	CHK.	DATE	DESCRIPTION
ATY	JRG	5/22/14	PRELIMINARY
ATY	JRG	5/27/14	GRADING PERMIT
ATY	JRG	7/24/14	RE-SUBMITTAL

JAMES + ASSOCIATES, INC.
 Engineers and Computer Applications
 100 VENTURE WAY, SUITE 1100 NASHVILLE, TENNESSEE 37203-4600 (615) 752-0400

JAMES R. GILLESPIE
 LICENSED PROFESSIONAL ENGINEER
 STATE OF TENNESSEE
 07-01-14

C3.1
 FILE NO. 1688-03

METRO APPLICATION NO. 2014SP-057-001



REQUIRED MATERIALS SCHEDULE

KEY QUANTITY	SCIENTIFIC NAME	HEIGHT	SPREAD	TRUNK	REMARKS
BN 4	Betula nigra 'BANK'/Single Trunk	10'-12"	5'-6"	2"	
KP 5	Koeleria paniculata/Symmetrical	7'-9"	3'-4"	2"	
LT 10	Liquidambar styraciflua/4' Clear Trunk	12'-14"	5'-6"	3"	Specimen
OS 1	Quercus coccinea/Scarlet Oak	12'-14"	5'-6"	3"	Specimen
IC 27	Ilex cornuta 'Cornuta'/Single Trunk	18'	18'	18'	
JP 27	Jasminum scopulorum 'Shyrocke'/Single Trunk	12'	18'	18'	
ND 48	Nandina domestica 'Fountain Dwarf'/Single Trunk	12'	18'	18'	
VR 17	Viburnum x Progressivum/Single Trunk	24'	18'	18'	
SEED 27	Turf Mixture				
MISCELLANEOUS REMARKS					
Seed @ \$81,000/sq. ft.					
20% Mulch Blended					
Minimum 3" depth.					
Hose Bibs					
F.T.B. = Full To Bottom					

LANDSCAPE NOTES

THE LANDSCAPE CONTRACTOR SHALL VERIFY ALL MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN WILL TAKE PRECEDENCE.

THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES SHOWN ON THE PLAN. ALL UTILITIES SHALL BE IDENTIFIED AND MARKED PRIOR TO CONSTRUCTION.

ALL PLANTING SHALL BE PERFORMED WITHIN THE SPECIFIED PLANTING AREAS AND SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.

SELECTED PLANTING SHALL BE PERFORMED WITHIN THE SPECIFIED PLANTING AREAS AND SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.

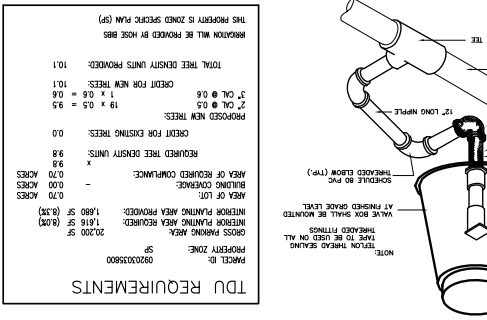
THE LANDSCAPE CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON ALL PLANTING. PLANTING SHALL BE REPLACED AT NO COST TO THE OWNER IF PLANTING DIES OR IS DAMAGED BY THE CONTRACTOR'S NEGLIGENCE.

PLANT MATERIALS TO BE REMOVED SHALL BE REMOVED AND PLANT MATERIALS TO BE REPLACED SHALL BE REPLACED WITHIN THE SPECIFIED PLANTING AREAS AND SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.

ALL PLANTING SHALL BE PERFORMED WITHIN THE SPECIFIED PLANTING AREAS AND SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.

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ALL PLANTING SHALL BE PERFORMED WITHIN THE SPECIFIED PLANTING AREAS AND SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.



FILE NO. 1688-03

L1.0

DR.	CHK.	DATE	DESCRIPTION
AVS	AVS	5/22/14	PRELIMINARY
AVS	AVS	5/27/14	GRADING PERMIT

LANDSCAPE PLAN

MEHARRY PARKING MODIFICATIONS

MEHARRY MEDICAL COLLEGE

21ST AVE. NORTH AND HERMOSA STREET

NASHVILLE, TENNESSEE

JAMES + ASSOCIATES, INC.

Computer Applications

20200 S. HICKORY AVENUE, SUITE 1000, NASHVILLE, TENNESSEE 37217-5328

376-3888