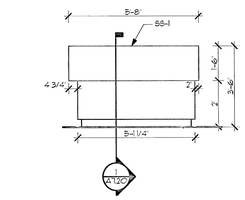
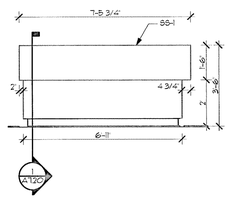
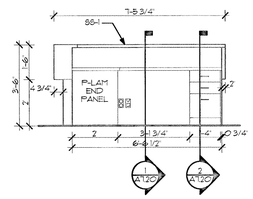


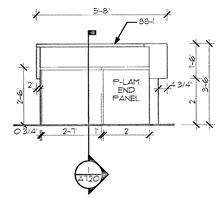
1 A1.10 SECURITY-1
SCALE: 3/8" = 1'-0"



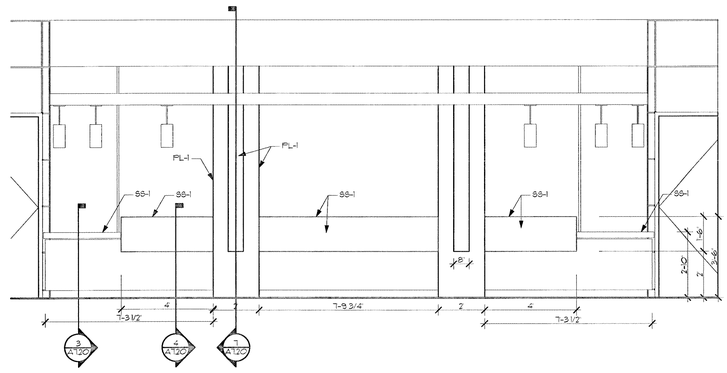
2 A1.10 SECURITY-2
SCALE: 3/8" = 1'-0"



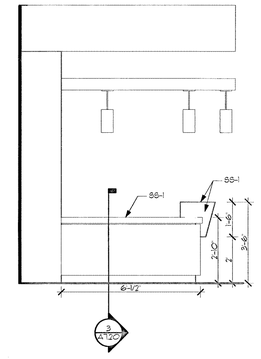
3 A1.10 SECURITY-3
SCALE: 3/8" = 1'-0"



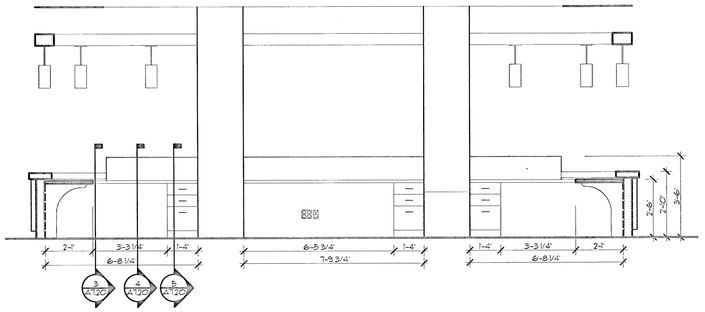
4 A1.10 SECURITY-4
SCALE: 3/8" = 1'-0"



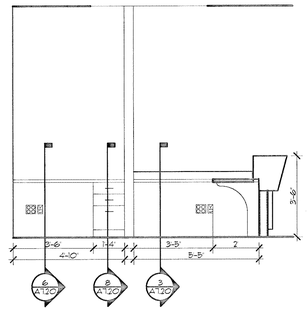
5 A1.10 MAIN CHECK-IN-1
SCALE: 3/8" = 1'-0"



6 A1.10 MAIN CHECK-IN-2
SCALE: 3/8" = 1'-0"



7 A1.10 MAIN CHECK-IN-3
SCALE: 3/8" = 1'-0"



8 A1.10 MAIN CHECK-IN-4
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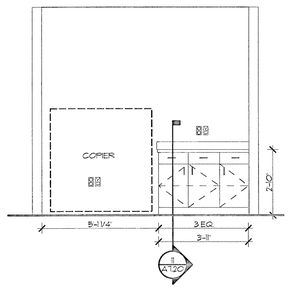
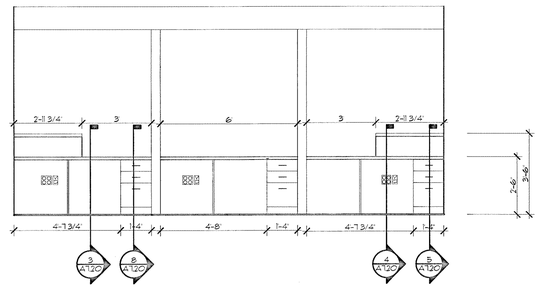


9 A1.10 MAIN CHECK-OUT-1
SCALE: 3/8" = 1'-0"



10 A1.10 MAIN CHECK-OUT-2
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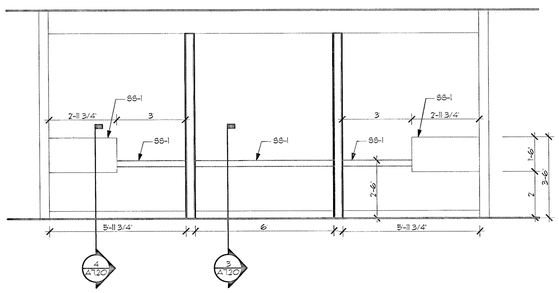

11 A1.10 MAIN CHECK-OUT-3
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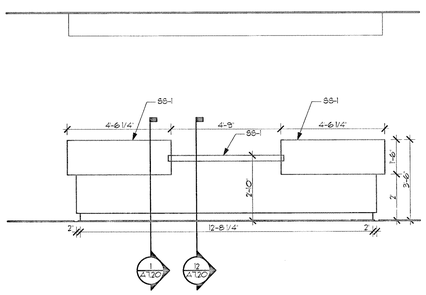
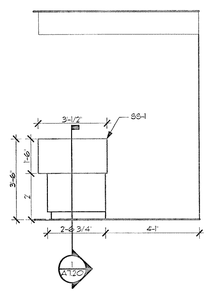
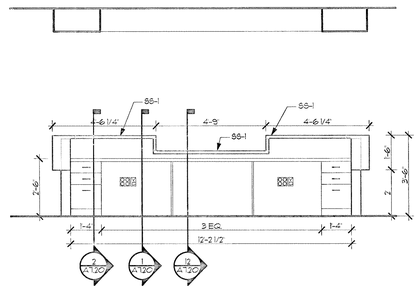


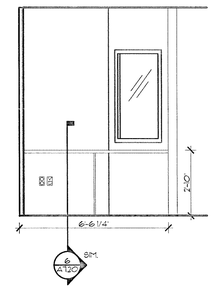
12 A1.10 LAB/RAD. CHECK-IN-1
SCALE: 3/8" = 1'-0"



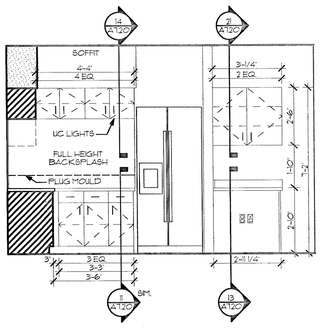
13 A1.10 LAB/RAD. CHECK-IN-2
SCALE: 3/8" = 1'-0"



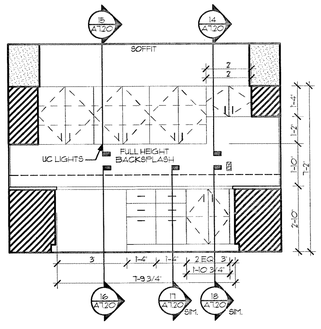
14 A1.10 LAB/RAD. CHECK-IN-3
SCALE: 3/8" = 1'-0"



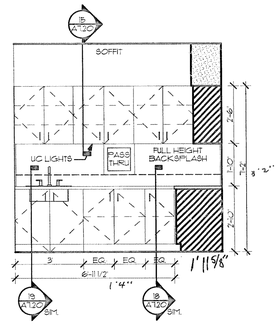
15 A1.10 RADIOLOGY
SCALE: 3/8" = 1'-0"



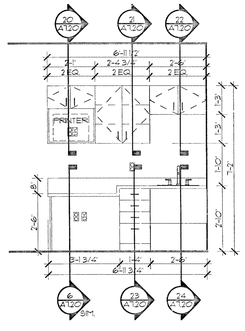
16 A1.10 LAB-1
SCALE: 3/8" = 1'-0"



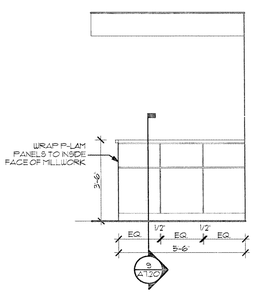
17 A1.10 LAB-2
SCALE: 3/8" = 1'-0"



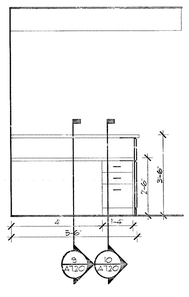
18 A1.10 LAB-3
SCALE: 3/8" = 1'-0"



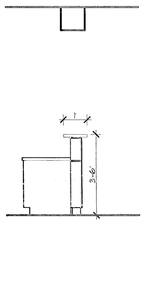
19 A1.10 EXAM (TYP)
SCALE: 3/8" = 1'-0"



20 A1.10 LPN-1
SCALE: 3/8" = 1'-0"



21 A1.10 LPN-2
SCALE: 3/8" = 1'-0"



22 A1.10 LPN-3
SCALE: 3/8" = 1'-0"

PEACOCK ARCHITECTS
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA 30117

STATE OF GEORGIA
EDWARD PEACOCK
CERTIFICATE NUMBER
REGISTERED ARCHITECT

DATE	REVISION
02/21/11	ISSUE FOR BID

PROJECT NO.
229.01.00

DATE
02/21/11

DRAWING TITLE:
MILLWORK ELEVATIONS

A7.10

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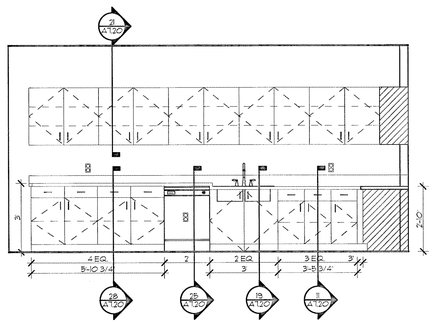
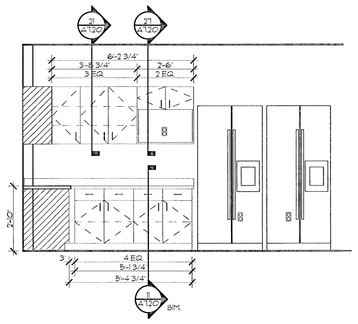
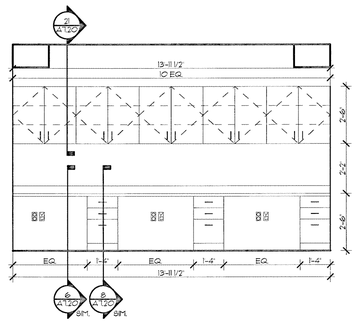
teamwork://designserver/TDVV DD SET



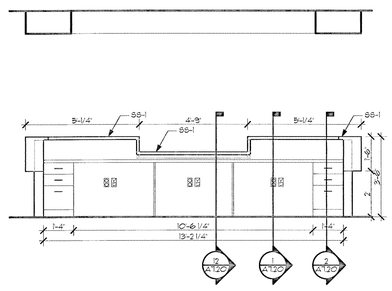
23 A7.11 **BREAK-1**
SCALE: 3/8" = 1-0"



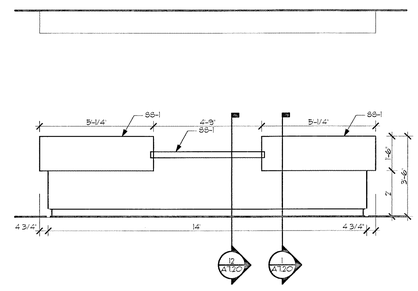
24 A7.11 **BREAK-2**
SCALE: 3/8" = 1-0"



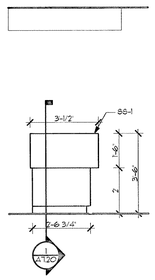
25 A7.11 **NURSE-1**
SCALE: 3/8" = 1-0"



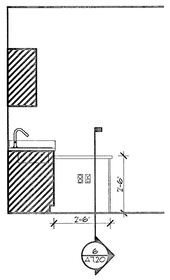
26 A7.11 **NURSE-2**
SCALE: 3/8" = 1-0"



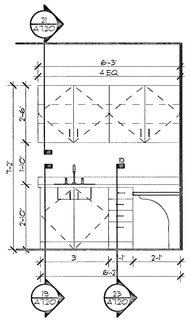
27 A7.11 **NURSE-3**
SCALE: 3/8" = 1-0"



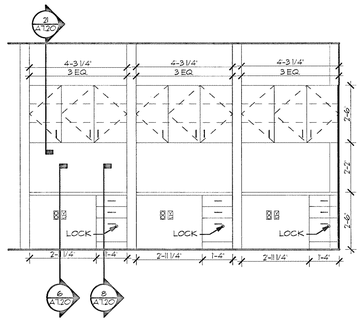
28 A7.11 **NURSE-4**
SCALE: 3/8" = 1-0"



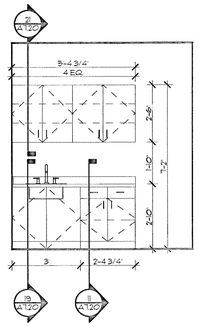
29 A7.11 **POD. EXAM-1 (TYP)**
SCALE: 3/8" = 1-0"



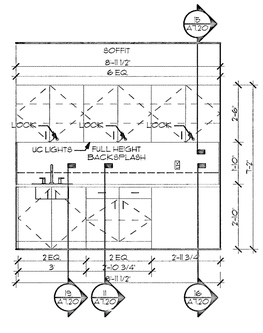
30 A7.11 **POD. EXAM-2 (TYP)**
SCALE: 3/8" = 1-0"



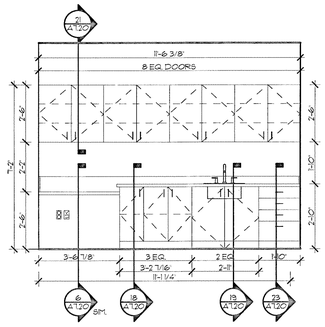
31 A7.11 **PHYS. THERAPY-1**
SCALE: 3/8" = 1-0"



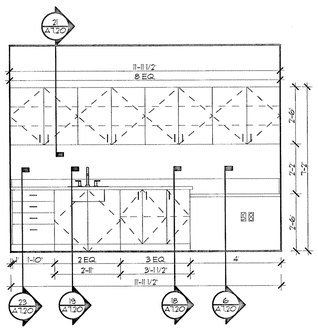
32 A7.11 **PHYS. THERAPY-2**
SCALE: 3/8" = 1-0"



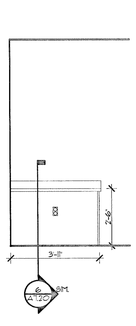
33 A7.11 **LAB**
SCALE: 3/8" = 1-0"



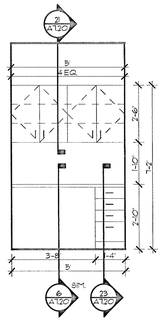
34 A7.11 **EYE EXAM-1**
SCALE: 3/8" = 1-0"



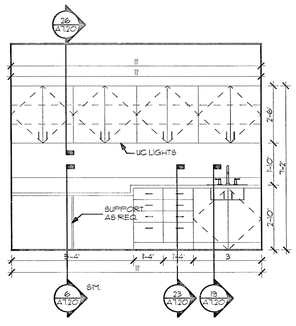
35 A7.11 **EYE EXAM-2**
SCALE: 3/8" = 1-0"



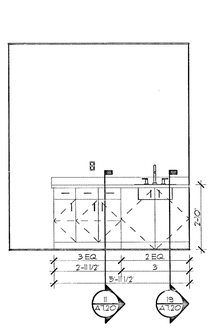
36 A7.11 **VISUAL FIELD**
SCALE: 3/8" = 1-0"



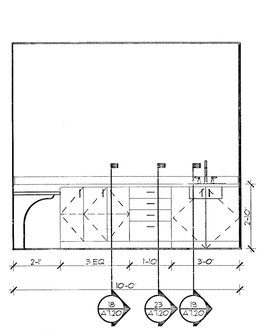
37 A7.11 **AUDIOLOGY WORK**
SCALE: 3/8" = 1-0"



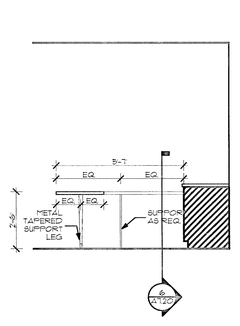
38 A7.11 **AUDIOLOGY EXAM**
SCALE: 3/8" = 1-0"



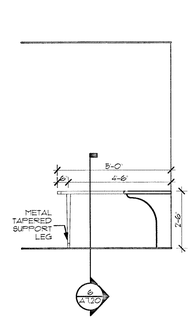
39 A7.11 **STRETCHER**
SCALE: 3/8" = 1-0"



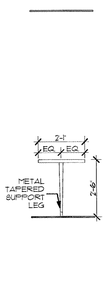
40 A7.11 **EYE DISP-1**
SCALE: 3/8" = 1-0"



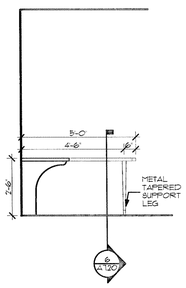
41 A7.11 **EYE DISP-2**
SCALE: 3/8" = 1-0"



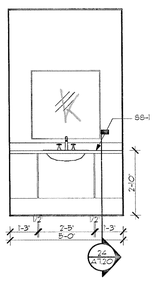
42 A7.11 **EYE DISP-3**
SCALE: 3/8" = 1-0"



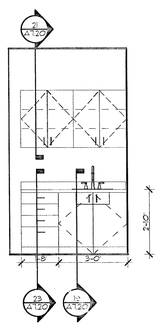
43 A7.11 **EYE DISP-4**
SCALE: 3/8" = 1-0"



44 A7.11 **EYE DISP-5**
SCALE: 3/8" = 1-0"

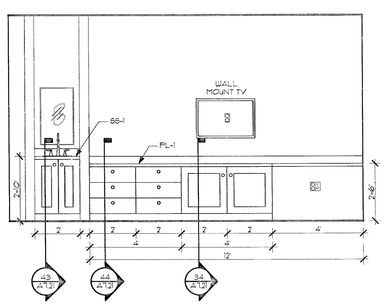


45 A7.11 **STAFF TLT. 142**
SCALE: 3/8" = 1-0"



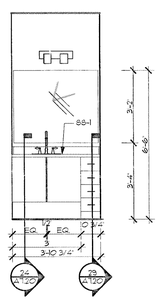
46 A7.11 **TELERETNAL EYE 039**
SCALE: 3/8" = 1-0"

AMEROCK CABINET HARDWARE IN THIS LOCATION:
PULLS: BP53007-G10 (TO BE USED ON ALL DRAWERS)
KNOBS: BP53012-G10 (TO BE USED ON ALL DOORS)



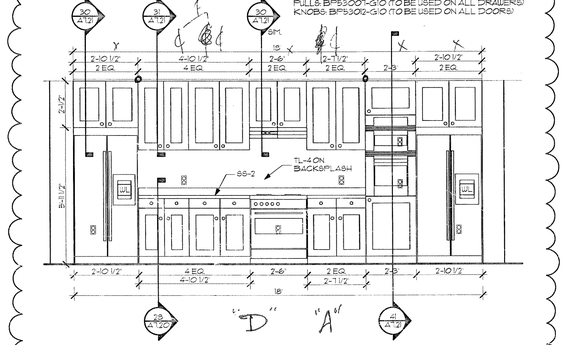
47 A7.11 **BEDROOM**
SCALE: 3/8" = 1-0"

AMEROCK CABINET HARDWARE IN THIS LOCATION:
PULLS: BP53007-G10 (TO BE USED ON ALL DRAWERS)
KNOBS: BP53012-G10 (TO BE USED ON ALL DOORS)



48 A7.11 **BATHROOM**
SCALE: 3/8" = 1-0"

AMEROCK CABINET HARDWARE IN THIS LOCATION:
PULLS: BP53007-G10 (TO BE USED ON ALL DRAWERS)
KNOBS: BP53012-G10 (TO BE USED ON ALL DOORS)



49 A7.11 **KITCHEN-1**
SCALE: 3/8" = 1-0"

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2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERANS VILLAGE
CARROLLTON, GA 30117

STATE OF GEORGIA — DAVID PEACOCK — CERTIFICATE NO. 009 — REGISTERED ARCHITECT

DATE	REVISION
02/21/11	ISSUE FOR BID
03/11/11	ADDENDUM 2

PROJECT NO: 229.0100
DATE: 02/21/11
DRAWING TITLE: MILLWORK ELEVATIONS

A7.11

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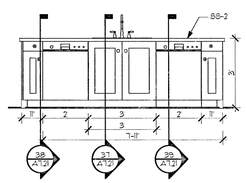
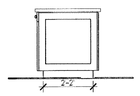
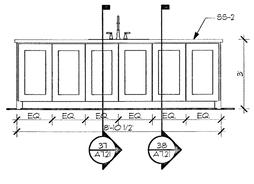
ALL AMEROCK CABINET HARDWARE IN THE KITCHEN:
PULLS: BP53007-G10 (TO BE USED ON ALL DRAWERS)
KNOBS: BP53012-G10 (TO BE USED ON ALL DOORS)



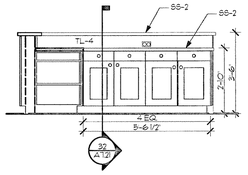
50 A7.12 KITCHEN-2
SCALE: 3/8" = 1'-0"



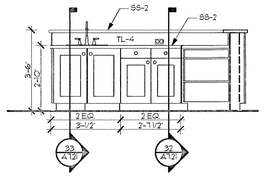
51 A7.12 KITCHEN-3
SCALE: 3/8" = 1'-0"



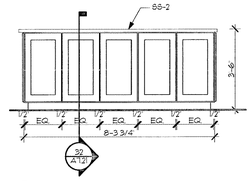
52 A7.12 KITCHEN-4
SCALE: 3/8" = 1'-0"



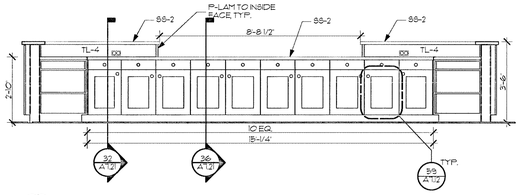
53 A7.12 KITCHEN-9
SCALE: 3/8" = 1'-0"



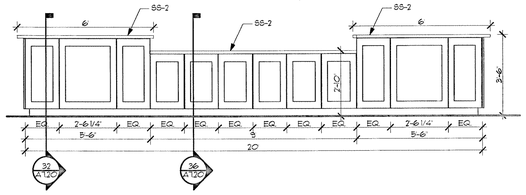
54 A7.12 KITCHEN-5
SCALE: 3/8" = 1'-0"



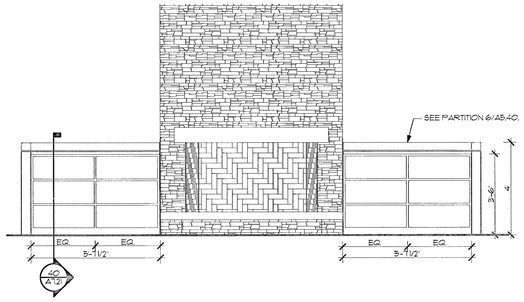
55 A7.12 KITCHEN-6
SCALE: 3/8" = 1'-0"



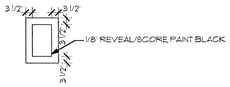
56 A7.12 KITCHEN-7
SCALE: 3/8" = 1'-0"



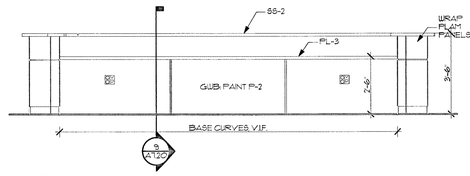
57 A7.12 KITCHEN-8
SCALE: 3/8" = 1'-0"



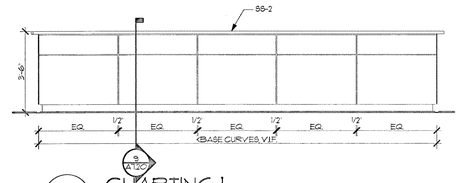
58 A7.12 LIVING ROOM 1
SCALE: 3/8" = 1'-0"



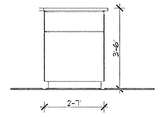
59 A7.12 CLC KITCHEN TYP. DOOR & PANEL
SCALE: 3/8" = 1'-0"



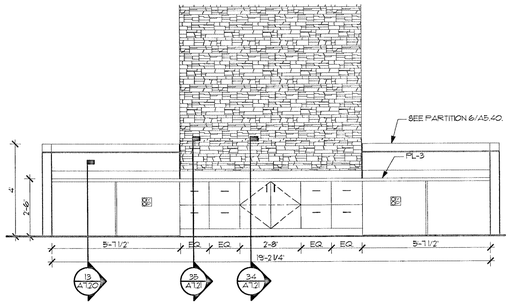
60 A7.12 CHARTING 2
SCALE: 3/8" = 1'-0"



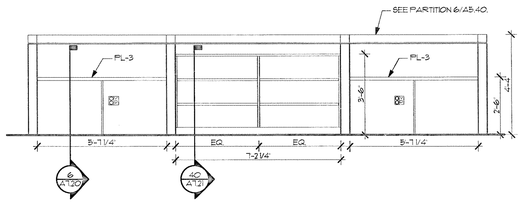
61 A7.12 CHARTING 1
SCALE: 3/8" = 1'-0"



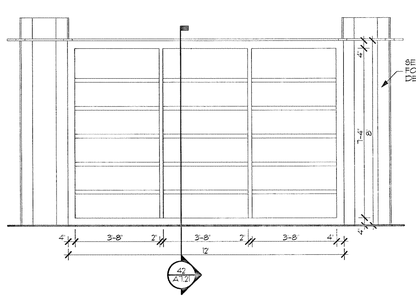
62 A7.12 CHARTING 4
SCALE: 3/8" = 1'-0"



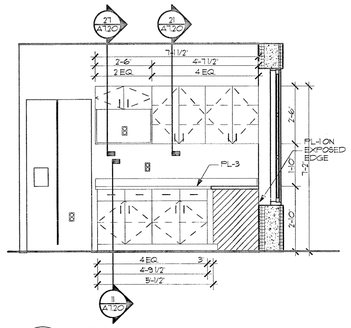
63 A7.12 CHARTING 3
SCALE: 3/8" = 1'-0"



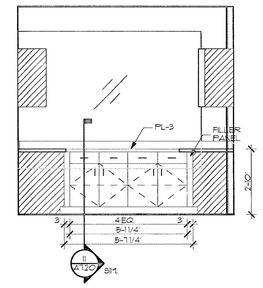
64 A7.12 COMPUTER AREA
SCALE: 3/8" = 1'-0"



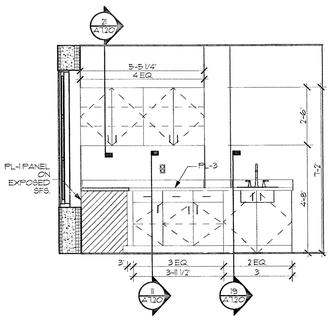
65 A7.12 CLUBHOUSE 318
SCALE: 3/8" = 1'-0"



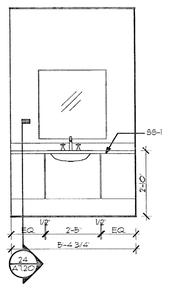
66 A7.12 GALLEY-1
SCALE: 3/8" = 1'-0"



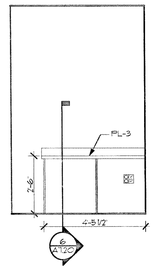
67 A7.12 GALLEY-2
SCALE: 3/8" = 1'-0"



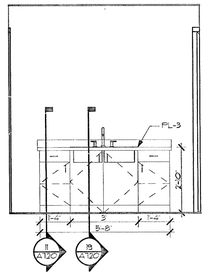
68 A7.12 GALLEY-3
SCALE: 3/8" = 1'-0"



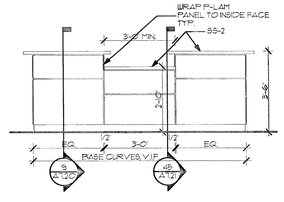
69 A7.12 STAFF TOILET
SCALE: 3/8" = 1'-0"



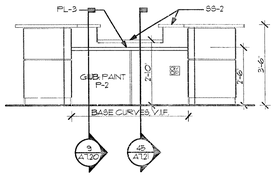
70 A7.12 BREAK
SCALE: 3/8" = 1'-0"



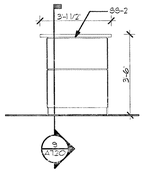
71 A7.12 EQUIP. STOR./RME
SCALE: 3/8" = 1'-0"



72 A7.12 LOBBY-1
SCALE: 3/8" = 1'-0"



73 A7.12 LOBBY-2
SCALE: 3/8" = 1'-0"



74 A7.12 LOBBY-3
SCALE: 3/8" = 1'-0"

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ARCHITECTS
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 · 214 · 5200 PHONE
404 · 214 · 5208 FAX

TRINKA DAVIS VETERANS VILLAGE

CARROLLTON, GA 30117

STATE OF GEORGIA
JAMES PEACOCK
CERTIFICATE NO. 009
REGISTERED ARCHITECT

DATE	REVISION
02/21/11	ISSUE FOR BID

PROJECT NO:
229.01.00

DATE:
02/21/11

DRAWING TITLE:
MILLWORK ELEVATIONS

A7.12

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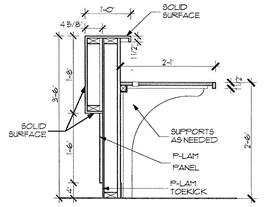
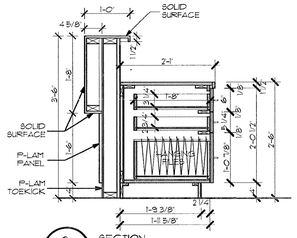
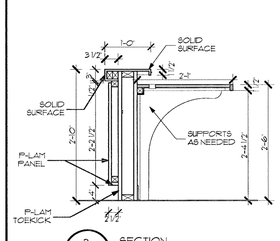


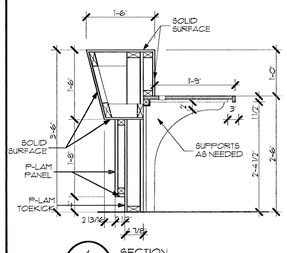
1 SECTION A7.20 SCALE: 3/4" = 1'-0"



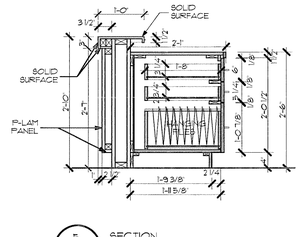
2 SECTION A7.20 SCALE: 3/4" = 1'-0"



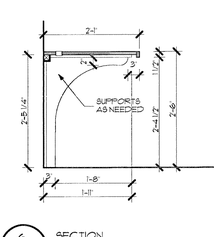
3 SECTION A7.20 SCALE: 3/4" = 1'-0"



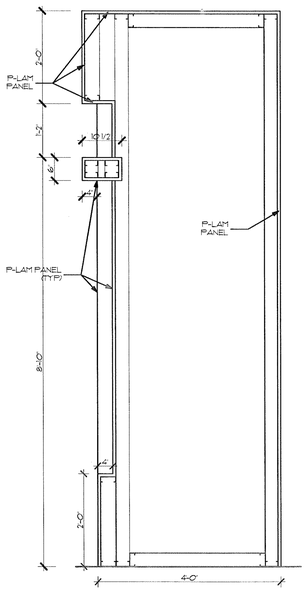
4 SECTION A7.20 SCALE: 3/4" = 1'-0"



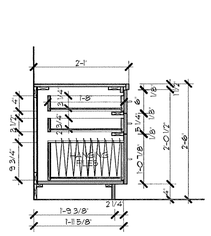
5 SECTION A7.20 SCALE: 3/4" = 1'-0"



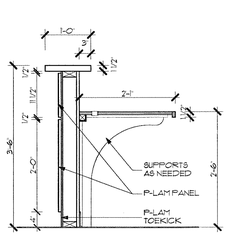
6 SECTION A7.20 SCALE: 3/4" = 1'-0"



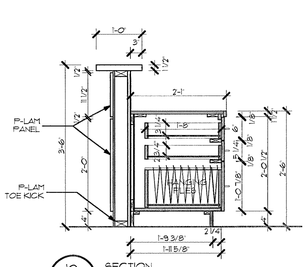
7 SECTION A7.20 SCALE: 3/4" = 1'-0"



8 SECTION A7.20 SCALE: 3/4" = 1'-0"

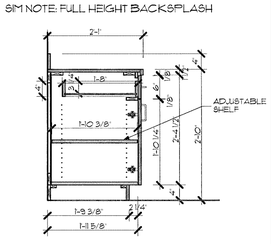


9 SECTION A7.20 SCALE: 3/4" = 1'-0"

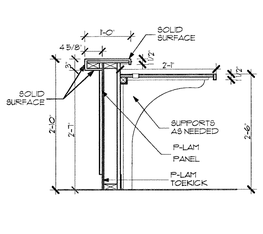


10 SECTION A7.20 SCALE: 3/4" = 1'-0"

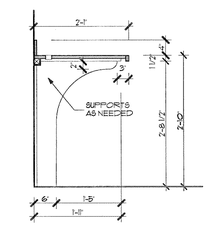
SIM NOTE: FULL HEIGHT BACKSPLASH



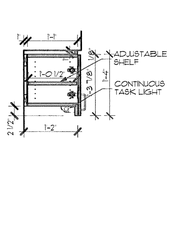
11 SECTION A7.20 SCALE: 3/4" = 1'-0"



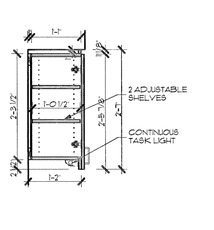
12 SECTION A7.20 SCALE: 3/4" = 1'-0"



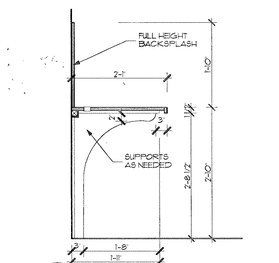
13 SECTION A7.20 SCALE: 3/4" = 1'-0"



14 SECTION A7.20 SCALE: 3/4" = 1'-0"

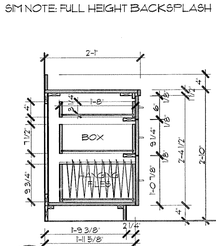


15 SECTION A7.20 SCALE: 3/4" = 1'-0"



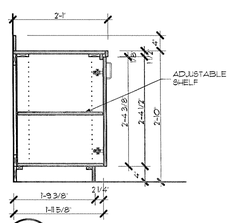
16 SECTION A7.20 SCALE: 3/4" = 1'-0"

SIM NOTE: FULL HEIGHT BACKSPLASH



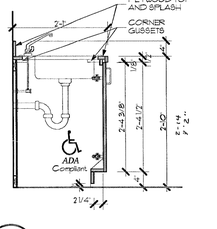
17 SECTION A7.20 SCALE: 3/4" = 1'-0"

SIM NOTE: FULL HEIGHT BACKSPLASH



18 SECTION A7.20 SCALE: 3/4" = 1'-0"

SIM NOTE: FULL HEIGHT BACKSPLASH



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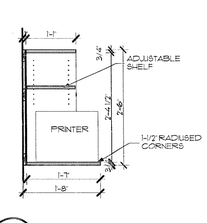

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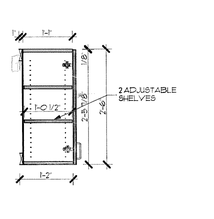

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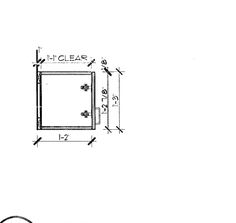

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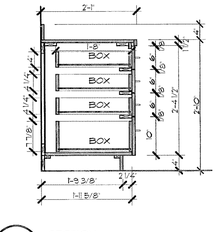

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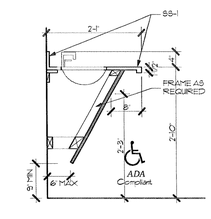

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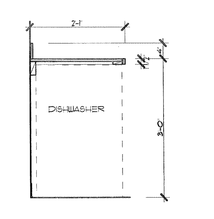

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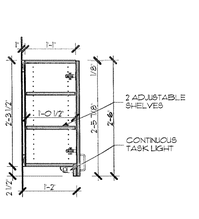

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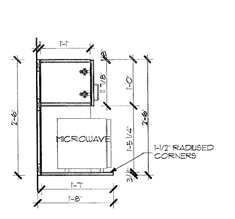
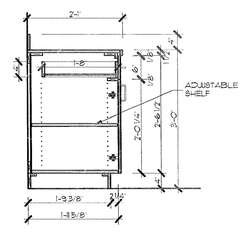


27 SECTION A7.20 SCALE: 3/4" = 1'-0"



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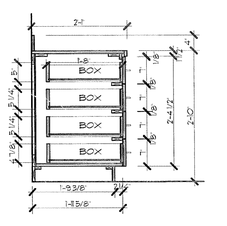

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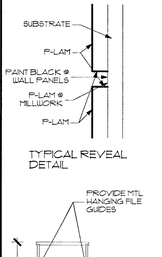
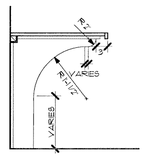
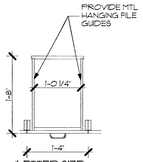


TYPICAL REVEAL DETAIL

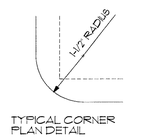


TYPICAL SUPPORT LEG

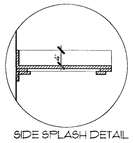


LETTER SIZE HANGING FILE

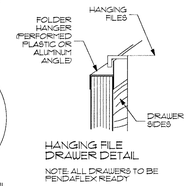
LOCATE AT ALL DRAWERS NOTED W/ 'F' IN ELEVATION AND 'FILE' IN SECTION



TYPICAL CORNER PLAN DETAIL

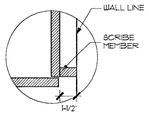


SIDE SPLASH DETAIL

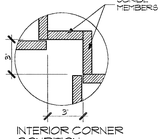


HANGING FILE DRAWER DETAIL

NOTE: ALL DRAWERS TO BE PENDAFLEX READY



END WALL CONDITION



INTERIOR CORNER CONDITION

GENERAL MILLWORK NOTES:

1. UNLESS NOTED OTHERWISE, ALL VISIBLE MILLWORK SURFACES TO BE PLASTIC LAMINATE CLAD. ALL INTERIOR CABINET BOXES AND INSIDE DOOR FACES TO HAVE A WHITE MELAMINE FINISH. NO PVC EDGE BANDING SHALL BE USED.
2. END OF MILLWORK AT GLASS EXTERIOR WALL WILL NOT HAVE PLASTIC LAMINATE AND WILL BE PAINTED BLACK.
3. ALL CABINETS AND SHELVES TO HAVE 1/4" THICK BACK PANELS, UNLESS NOTED OTHERWISE.
4. ALL TOE SPACES TO BE CLAD IN PLASTIC LAMINATE. SCRIBE TOEKICK AS REQUIRED IF FLOOR IS NOT LEVEL.
5. PROVIDE LOCKS ON ALL FILE DRAWERS, SEE MILLWORK ELEVATIONS FOR LOCATIONS OF OTHER CABINET LOCKS.
6. COUNTERTOPS, CABINET FRONTS, CABINET DOORS AND DRAWER FRONTS AND BASE CABINET SIDES AND BOTTOM PANELS TO BE MADE OF 3/4" INDUSTRIAL GRADE PARTICLE BOARD WITH PLASTIC LAMINATE FINISH. ALL COUNTERTOP WITH SINKS TO BE 3/4" EXTERIOR GRADE PLYWOOD WITH PLASTIC LAMINATE FINISH.
7. ALL COUNTERTOPS WITH SINKS TO HAVE A 4" BACKSPLASH AND SIDESPLASH. ALL OTHER COUNTERTOPS DO NOT RECEIVE A BACKSPLASH UNLESS NOTED OTHERWISE.
8. ALL DRAWERS TO HAVE 1/2" SIDES AND 1/4" HARDBOARD BOTTOMS, UNLESS NOTED OTHERWISE.
9. PROVIDE 2" DIAMETER HOLES WITH GROMMETS IN COUNTERTOPS ABOVE ELECTRICAL AND COMMUNICATIONS OUTLETS AS REQUIRED, LOCATED BY TENANT AFTER PRIMARY INSTALLATION.
10. ALL ADJUSTABLE SHELF STANDARDS SHALL BE LINE-BORED.
11. CAULK AT THE INTERSECTION OF ALL MILLWORK EDGES AND THE ADJACENT WALL. CAULK COLOR TO BE APPROVED BY ARCHITECT.
12. WHERE FILE DRAWERS ARE INDICATED, DRAWERS SHALL BE APPROPRIATE SIZE FOR LETTER SIZE PENDAFLAM HANGING FILE FOLDERS. PROVIDE ANGLE AS SHOWN.
13. VERIFY EQUIPMENT SIZES WITH EQUIPMENT VENDOR TO INSURE PROPER CLEARANCES PRIOR TO FABRICATION.
14. [E] INDICATES ELECTRICAL OUTLET LOCATIONS.
15. ALL MILLWORK DIMENSIONS TO BE FIELD VERIFIED PRIOR TO FABRICATION.
16. ALL MILLWORK DOOR AND DRAWFULLS TO BE 4" WIRE PULL WITH BRUSHED CHROME FINISH ON STAINLESS STEEL BASE, UNLESS NOTED OTHERWISE.

PEACOCK ARCHITECTS
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERANS VILLAGE

CARROLLTON, GA 30117

STATE OF GEORGIA — PEACOCK — CERTIFICATE NUMBER — REGISTERED ARCHITECT

DATE	REVISION
02/21/11	ISSUE FOR BID

PROJECT NO.
229.01.00

DATE
02/21/11

DRAWING TITLE
MILLWORK SECTIONS

A7.20

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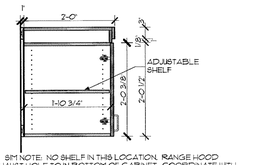
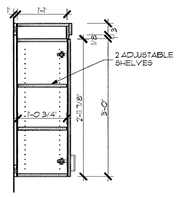


SIM NOTE: NO SHELF IN THIS LOCATION. RANGE HOOD EXHAUST HOLE TO IN BOTTOM OF CABINET. COORDINATE WITH APPLIANCE.

30 SECTION A7.21 SCALE: 3/4" = 1'-0"



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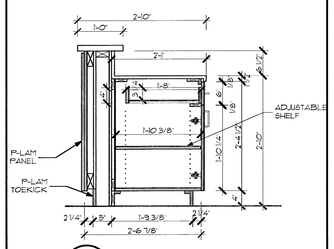

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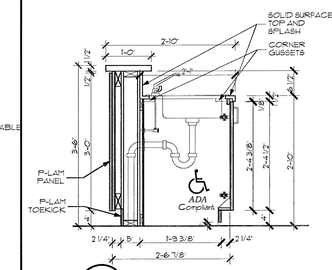

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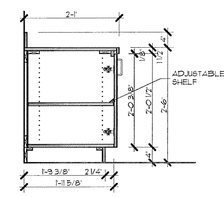

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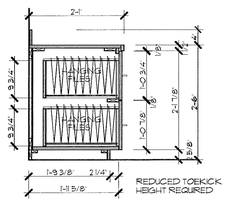
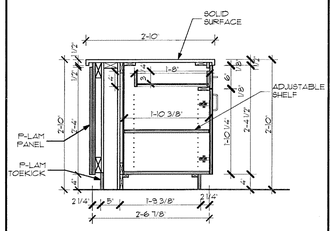


REDUCED TOEKICK HEIGHT REQUIRED

35 SECTION A7.21 SCALE: 3/4" = 1'-0"



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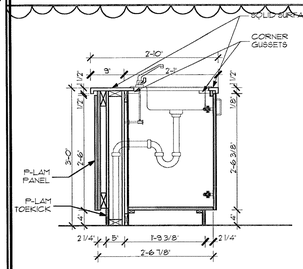

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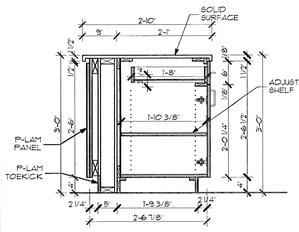

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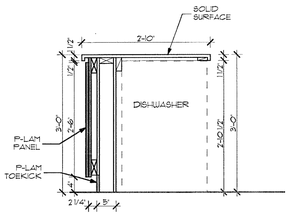

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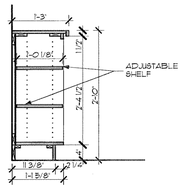

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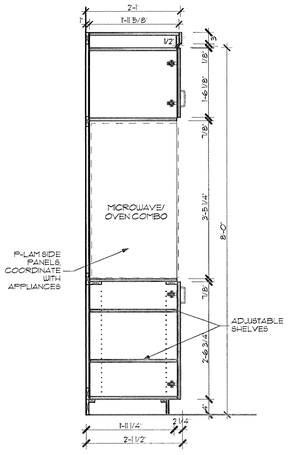

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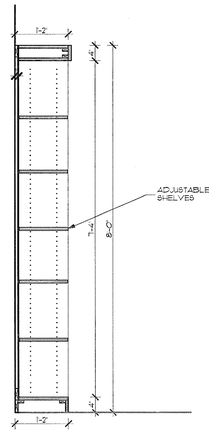

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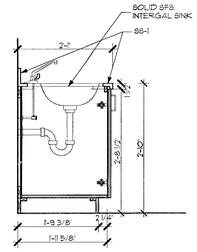

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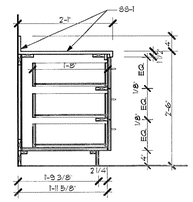

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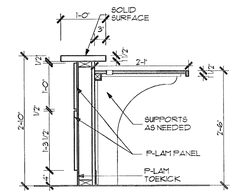

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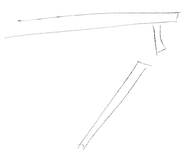

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TRINKA DAVIS VETERAN'S VILLAGE

CARROLLTON GA 30117

STATE OF GEORGIA — JEFFREY PEACOCK — CERTIFICATE NO. 18997 — REGISTERED ARCHITECT

DATE	REVISION
02/21/11	ISSUE FOR BID
03/11/11	ADDENDUM 2

PROJECT NO: 229.01.00

DATE: 02/21/11

DRAWING TITLE: MILLWORK SECTIONS

A7.21

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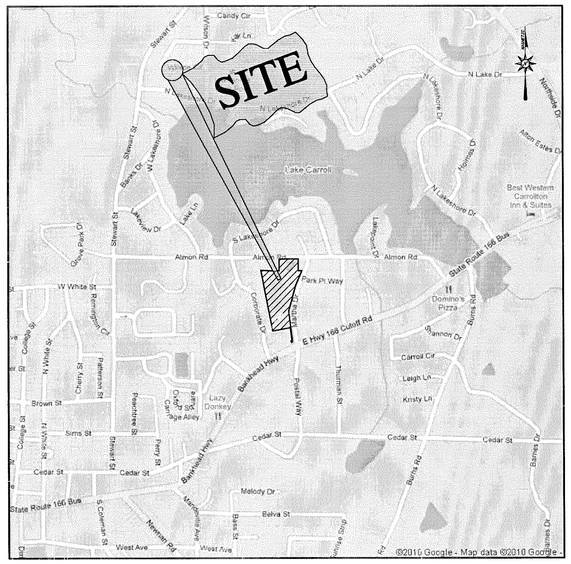
SITE
CONSTRUCTION PLANS
FOR:
TRINKA DAVIS VETERANS VILLAGE
MARTIN DRIVE TRACT &
ALMON ROAD TRACT

LAND LOT 233 5th DISTRICT
CITY OF CARROLLTON
CARROLL COUNTY, GEORGIA

DATE: JANUARY 17, 2011



LOCATION MAP

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C–1	COVER SHEET
C–2	NOTES
C–3	EXISTING CONDITIONS
C–4	DEMOLITION PLAN
C–5	GRADING & DRAINAGE PLAN
C–6	SITE & UTILITY PLAN
C–7	STORM DRAIN PROFILES
C–8	STORM and SANITARY SEWER PROFILES
C–9	EROSION CONTROL PLAN – PHASE I
C–10	EROSION CONTROL PLAN – PHASE II
C–11	EROSION CONTROL PLAN – PHASE III
C–12	EROSION CONTROL PLAN NOTES & DETAILS
C–13	EROSION CONTROL PLAN NOTES & DETAILS
C–14	DETAILS
LS 1	TREE / LANDSCAPE PLAN
C–15	BOUNDARY SURVEY

OWNER / DEVELOPER:
TRINKA DAVIS FOUNDATION
c/o PEACOCK PARTNERSHIP
2000 RIVEREDGE PKWY, SUITE 700
ATLANTA, GEORGIA 30328
PHONE: (404) 214–5200
CONTACT: PAUL REICHERT

ENGINEER:
URBAN ENGINEERS, INC.
1904 MONROE DRIVE, SUITE 100
ATLANTA, GA. 30324
PHONE: (404) 873–5874
FAX: (404) 873–5877
CONTACT: DANIEL R. WINTERMEYER, P.E.

24–hr CONTACT:
BRETT CONWAY
(404) 214–5200

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Utilities Protection Center, Inc.
IT'S THE LAW

ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO CONSTRUCTION

PROJECT No.	21008-1
LAND LOT(S):	233
DISTRICT:	5th
COUNTY:	CARROLL
SCALE:	N.T.S.

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24629 PROFESSIONAL DANIEL R. WINTERMEYER

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH. COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: COVER SHEET

C–1

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SHEET # OF

P:\PROJECTS\2010\Veterans Village\21008-1 - Vet Carrollton\w2010081.pro

GENERAL NOTES:

1. TOTAL SITE AREA = 12.073 acres
   DISTURBED AREA = 11.34 acres
2. PROPOSED DEVELOPMENT IS THE CONSTRUCTION OF A VETERAN'S HOSPITAL BUILDING. THE EXTERIOR WORK WILL INCLUDE A CONCRETE PARKING LOT AND ABOVE-GROUND DETENTION POND WITH SANITARY AND STORM DRAINAGE MODIFICATIONS.
3. ALL CONSTRUCTION MUST CONFORM TO CITY OF CARROLLTON STANDARDS AND SPECIFICATIONS, WHETHER OR NOT REVIEW COMMENTS WERE MADE.
4. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION ARE CONSTRUCTED.
5. SILT BARRIERS TO BE PLACED AS SHOWN AND/OR AS DIRECTED BY PROJECT ENGINEER AND/OR CARROLL COUNTY/CITY OF CARROLLTON INSPECTOR.
6. THE PROPERTY IS ZONED C-2 (GENERAL COMMERCIAL).
7. BOUNDARY INFORMATION BASED ON A FINAL PLAT BY CRAWFORD & ASSOCIATES, INC., DATED 09/30/98, RECORDED IN PLAT BOOK 65, PAGE 89. TOPOGRAPHIC MAP FROM FIELD-RUN DATA BY GEORGIA AND WEST, INC., DATED 02/10/10.
8. ALL ELEVATIONS SHOWN ARE BASED ON MEAN SEA LEVEL.
9. WATER SERVICE PROVIDED BY THE CITY OF CARROLLTON.
10. ACCORDING TO THE F.I.R.M. (FLOOD INSURANCE RATE MAP) FOR CARROLL COUNTY, GEORGIA, PANEL NUMBER 13045C0258D, DATED SEPTEMBER 19, 2007, THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD AREA.
11. ALL EROSION AND SEDIMENTATION CONTROLS AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO DETENSION OR GRADING.
12. ALL FILL AREAS MUST BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR, EXCEPT THE TOP 12", WHICH MUST BE COMPACTED TO A MINIMUM 98% STANDARD PROCTOR.
13. AS-BUILT AND MAINTENANCE BONDS ARE REQUIRED PRIOR TO INSPECTION AND ACCEPTANCE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL UTILITY WORK.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF TREES, STUMPS, CURBS, AND OTHER DEBRIS CREATED BY CLEARING AND GRUBBING. STRIPPING SHALL BE DISPOSED OF IN NON-CRITICAL AREAS AS DIRECTED BY THE OWNER. NO ON-SITE BURIAL PITS WILL BE ALLOWED.
16. IF REQUIRED, BEDDING STONE FOR PIPES SHALL BE #57 STONE. THE USE OF BEDDING STONE MUST BE APPROVED BY THE OWNER OR THE OWNER'S ENGINEER PRIOR TO PLACEMENT.
17. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION OR THE SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO, AND THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM OR FURNISH THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
18. THE APPROVAL OF THESE PLANS AND THE ISSUANCE OF THIS LAND DISTURBANCE PERMIT DOES NOT IN ANY WAY SUGGEST THAT ALL OTHER REQUIREMENTS FOR THE LEGAL OR APPROPRIATE OPERATIONS FOR THIS ACTIVITY, WHICH MAY REQUIRE ADDITIONAL PERMITTING, HAVE BEEN MET. THE ONUS IS ON THE OWNER/DEVELOPER/ BUILDER TO DISCOVER WHAT ADDITIONAL PERMITTING OR APPROVALS MAY BE NECESSARY TO OPERATE FROM THIS POINT IN AN APPROPRIATE AND LEGAL MANNER. PLAN APPROVAL OR PERMIT ISSUANCE DOES NOT ABSOLVE THE APPLICANT FROM COMPLYING WITH ALL APPLICABLE LAWS, POLICIES, STANDARDS, OR OTHER PERMITS WHICH MAY BE REQUIRED FOR THIS PROJECT.
19. NO ROOF SIGNS ARE PERMITTED.
20. NO WELLS OR SEPTIC SYSTEMS ARE PROPOSED OR EXIST ON SITE.
21. GRADING AND COMPACTION REQUIREMENTS:
    A. REMOVE ALL ORGANIC MATTER, STUMPS, AND OTHER DELETERIOUS MATTER FROM AREAS TO BE FILLED. PROOF-ROLL THE AREAS TO BE FILLED WITH A LOADED TRI-AXLE DUMP TRUCK OR SIMILAR RUBBER-TIRED VEHICLE. OVER-LAPPING PHASES OF THE TRUCK SHOULD BE MADE IN ONE DIRECTION AND THEN PASSES MADE AT RIGHT ANGLES TO THE ORIGINAL DIRECTION OF ROLLING. ANY YIELDING, PUMPING, OR SOFT AREAS SHALL BE CUT OUT AND REPLACED WITH FILL COMPACTED AS DESCRIBED BELOW.
    B. THE PROPOSED FILL SHALL BE FREE OF ANY ORGANICS, STUMPS, DEBRIS, OR OTHER DELETERIOUS MATERIAL, EXCEPT IN THE DETENTION POND AREAS.
    C. FILL MATERIAL SHALL BE SPREAD IN LOOSE LIFTS (LAYERS) OF NOT MORE THAN 8" THICK. EACH LIFT SHALL BE COMPACTED TO THE SPECIFICATIONS BELOW USING A SHEEPFOOT-TYPE ROLLER OR SIMILAR EQUIPMENT.
    D. THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE MAINTAINED WITHIN 3% OF OPTIMUM MOISTURE. IN THE EVENT THAT THE SOIL IS TOO WET, HARROWING, SCARIFYING, OR AERATION SHALL BE USED TO DRY THE SOILS TO WITHIN THE ACCEPTABLE MOISTURE RANGE. IF THE SOIL IS TOO DRY, A WATER WAGON WITH A SPREADER BAR OR SPRAY HOSE SHALL BE USED TO BRING THE SOIL WITHIN THE PROPER MOISTURE RANGE. THE WATER (IF USED) SHALL BE THOROUGHLY AND EVENLY MIXED WITH THE SOIL PRIOR TO COMPACTION.
    E. BACKFILLING OF TRENCHES, STORM DRAINS, AND OTHER UTILITY LINES SHALL BE DONE IN 6" LIFTS. EACH LIFT SHALL BE COMPACTED USING A MECHANICAL TAMP SUCH AS A VIBRATORY OR IMPACT TYPE COMPACTOR.
    F. ALL FILL WITHIN THE BUILDING AREA SHALL BE COMPACTED TO A MINIMUM DENSITY OF 98%OF STANDARD PROCTOR.
    G. THE TOP ONE FOOT OF FILL IN AREAS TO BE PAVED SHALL BE COMPACTED TO A MINIMUM DENSITY OF 98% OF STANDARD PROCTOR.
    H. ALL PIPE AND UTILITY TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% OF STANDARD PROCTOR, EXCEPT FOR THE TOP ONE FOOT AS INDICATED ABOVE.
    I. ALL OTHER FILL NOT SPECIFICALLY MENTIONED ABOVE SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95%OF STANDARD PROCTOR.
    J. SUBGRADE FOR ALL CONCRETE SLABS AND ASPHALT PAVEMENT AREAS SHALL BE PROOF ROLLED WITH A LOADED TRI-AXLE DUMP TRUCK IMMEDIATELY BEFORE PLACING CONCRETE OR CRUSHER RUN BASE. AREAS DETERMINED AS NOT SUITABLE BY THE INSPECTOR SHALL BE CORRECTED AND RE-PROOF ROLLED AS DESCRIBED ABOVE.
22. PAVING REQUIREMENTS:
    A. ALL CRUSHER RUN BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 98%OF MODIFIED PROCTOR.
    B. ALL ASPHALT SHALL BE INSTALLED PER GEORGIA D.O.T. SPECIFICATIONS AND SHALL BE COMPACTED TO A MINIMUM DENSITY OF 98% OF THE 50-BLOW MARSHALL TEST.

SANITARY SEWER NOTES:

A. ALL WASTEWATER PIPE CONSTRUCTION SHOWN ON THESE PLANS MUST CONFORM TO CITY OF CARROLLTON'S STANDARDS AND SPECIFICATIONS.
B. ALL WASTEWATER EASEMENTS MUST BE DRESSED AND GRASSED TO CONTROL EROSION PRIOR TO ACCEPTANCE. TREES SHALL NOT BE PLANTED IN THE PERMANENT EASEMENT AREA.
C. AS-BUILT DRAWINGS AND MAINTENANCE BOND (S) ARE REQUIRED PRIOR TO INSPECTION AND ACCEPTANCE.
D. NEOPRENE COUPLINGS WITH STAINLESS STEEL BANDS AND SHEAR RINGS ARE REQUIRED FOR JOINING DIFFERENT TYPES OF SANITARY SEWER PIPES.
E. POOLS SHALL NOT DRAIN INTO WASTEWATER PIPE SYSTEMS.
F. LOW PRESSURE AIR TESTING REQUIRED FOR ALL WASTEWATER PIPE SYSTEMS. THIS TEST MUST MEET ALL REQUIREMENTS AS OUTLINED IN ASTM C828M, OR CURRENT REVISION. A CARROLL COUNTY INSPECTOR MUST BE PRESENT DURING TESTING.
G. ISSUANCE OF THIS PERMIT DOES NOT IN ANY WAY IMPLY THAT WASTEWATER TAPS FOR BUILDING PERMITS WILL BE ISSUED. CONTACT THE DEPARTMENT OF PUBLIC WORKS FOR FURTHER INFORMATION.
H. CONTRACTOR TO FIELD-VERIFY LOCATIONS AND INVERT ELEVATIONS OF WASTEWATER PIPES FOR A CONNECTION TO EXISTING WASTEWATER SYSTEMS.
I. NOTIFY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION.
J. FOR ALL PROJECTS UTILIZING INDIVIDUAL ON-SITE WASTEWATER SYSTEMS, DESIGN AND PROVISIONS SHALL BE IN CONFORMANCE WITH CITY OF CARROLLTON'S HEALTH DEPARTMENT REGULATIONS.
K. EIGHT (8") INCH OR LARGER PIPE-LINES SHALL BE TV-INSPECTED. A VHS TAPE AND WRITTEN INSPECTION-LOG CERTIFIED BY A GEORGIA REGISTERED ENGINEER SHALL BE PROVIDED WHEN AS-BUILTS ARE SUBMITTED.
L. MAXIMUM DISTANCE BETWEEN MANHOLES IS 400 FEET.
M. USF 7635 BOX REQUIRED FOR CLEANOUTS IN PAVED AREAS.
N. COMPACTION OF THE BACK FILL OF ALL TRENCHES SHALL BE COMPACTED TO 90% OF PROCTOR DENSITY. BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS, OR OTHER FOREIGN DEBRIS, AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
O. SANITARY SEWER LATERALS SHOULD BE MARKED WITH 4"X4" POST WITH MINIMUM 4' ABOVE GROUND. THE TOP 1' SHOULD BE PAINTED GREEN. EACH LATERAL IS TO BE BROUGHT TO THE GROUND SURFACE IN ACCORDANCE WITH CITY OF CARROLLTON STANDARD.
P. ALL REQUIRED OFF-SITE EASEMENTS SHALL BE DEDICATED TO FULTON COUNTY PRIOR TO LDP PERMITTING. ALL PUBLIC ON-SITE EASEMENTS FOR OTHER THAN SINGLE FAMILY RESIDENTIAL PROJECTS SHALL BE DEDICATED TO CITY OF CARROLLTON AS PART OF THE AS-BUILT APPROVAL.
Q. FOR PVC WASTEWATER PIPES:
    1. PIPE SHALL BE ASTM3034, SDR35 IN 12.5-FOOT LAYING LENGTHS W/ELECTROMERIC-SEALED JOINTS IN ACCORDANCE W/ASTMD3212.
    2. PIPE BEDDING SHALL BE #57, SHARP, ANGULAR, CRUSHED STONE. BEDDING SHALL EXTEND A MINIMUM OF 4" BELOW THE PIPE, AND EXTEND TO THE TOP OF THE PIPE. THE BEDDING SHALL BE COMPACTED BY "SLICING WITH A FLAW SHOVEL". THE WIDTH OF THE DITCH AT THE TOP OF THE PIPE SHALL A MAXIMUM OF 3 FEET.
    3. INITIAL BACKFILL: AFTER BEDDING, COMPLETE INITIAL BACKFILL W/#57 STONE. IF NO ROCK IS ENCOUNTERED. INITIAL BACKFILL SHALL EXTEND TO A HEIGHT 6" ABOVE THE TOP OF THE PIPE; OTHERWISE, INITIAL BACKFILL SHALL EXTEND TO 12" ABOVE THE TOP OF THE PIPE.
    4. FITTINGS FOR LATERAL CONNECTIONS SHALL BE 45°WYES AND BENDS. PROVIDE PVC PIPE STOPPERS FOR EACH LATERAL. PROVIDE SPECIAL WATER-TIGHT CONNECTIONS AT MANHOLES AND TRANSITIONS TO DUCTILE IRON PIPE AS RECOMMENDED BY THE PIPE MANUFACTURER.
    5. AFTER INSTALLATION, A DEFLECTION TEST IS REQUIRED. INITIAL DEFLECTION SHALL BE LIMITED TO 3% OF THE UNDEFLECTED DIAMETER. A SECOND TEST SHALL BE MADE AT LEAST 8 MONTHS AFTER THE INSTALLATION, BUT BEFORE FINAL ACCEPTANCE. AT THAT TIME, DEFLECTION SHALL BE LIMITED TO 5% OF THE UNDEFLECTED DIAMETER.
R. ALL CONSTRUCTION MUST CONFORM TO CITY OF CARROLLTON STANDARDS AND SPECIFICATIONS, WHETHER OR NOT REVIEW COMMENTS WERE MADE.
S. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION AND DETENTION FACILITIES ARE CONSTRUCTED.
T. SILT BARRIERS TO BE PLACED AS SHOWN AND/OR AS DIRECTED BY PROJECT ENGINEER AND/OR CITY OF CARROLLTON INSPECTOR.
U. AS-BUILT DRAWINGS OF SANITARY SEWERS, FIELD APPROVALS BY THE INSPECTOR, AND ALL APPLICABLE BONDS REQUIRED PRIOR TO ACCEPTANCE OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
V. ALL MANHOLES NOT LOCATED UNDER PAVEMENT SHALL HAVE A TOP 2 FEET MINIMUM ABOVE GROUND.
X. BOUNDARY INFORMATION BASED ON A FINAL PLAT BY CRAWFORD & ASSOCIATES, INC., DATED 09/30/98, RECORDED IN PLAT BOOK 65, PAGE 89. TOPOGRAPHIC MAP FROM FIELD-RUN DATA BY GEORGIA AND WEST, INC., DATED 02/10/10.
Y. ALL EROSION AND SEDIMENTATION CONTROLS, AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING.
Z. OFF-STREET PARKING SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION.
AA. ALL FILL AREAS MUST BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR. A REPORT FROM A GEOTECHNICAL ENGINEER MAY BE REQUIRED BY THE CONSTRUCTION INSPECTOR FOR ALL FILL AREAS WITHIN THE RIGHT-OF-WAY, IF ANY.
BB. SITE IS NOT LOCATED WITHIN THE CHATTAHOOCHEE RIVER CORRIDOR.
CC. IF OPEN PUMPING IS USED, THEN FURTHER EROSION CONTROL MEASURES SHALL BE REQUIRED, AS PER CITY OF CARROLLTON STANDARDS.
DD. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANKS PROTECTION, AND STABILIZATION SHALL BE REQUIRED AS PER CARROLL COUNT"/CITY OF CARROLLTON EROSION LAWS.
EE. WASTE WATER PIPES CROSSING CREEKS OR CHANNELS SHALL PROVIDE 4"MINIMUM COVER BELOW INVERT OF WATERWAY.

REFER TO CITY OF CARROLLTON'S DESIGN & CONSTRUCTION STANDARDS FOR REQUIRED NOTES, DETAILS, ETC.
DOWNLOADABLE AT www.carrollton-ga.gov/city_departments/engineering
UNDER "DOCUMENT DOWNLOADS: DOCUMENT TITLE: DESIGN AND CONSTRUCTION STANDARDS"

PARKING CALCULATIONS:

(HOSPITALS AND NURSING HOMES) REQUIRED PARKING:
1 SPACE/4 BEDS + 1SPACE/STAFF OR VISITING DOCTOR + 1 SPACE/EMPLOYEE ON LARGEST SHIFT =
{48/4 BEDS= 12} + {25/1 STAFF= 25} + {15/1 EMPLOY., LARGEST SHIFT= 15}
= 52 SPACES REQ'D

(OFFICES) REQUIRED PARKING:
1 SPACE/400 sf =
{24, 189/400}
= 61 SPACES REQ'D

TOTAL PARKING REQUIRED = 113 SPACES

PROPOSED PARKING:
PROPOSED STANDARD = 126 SPACES
PROPOSED HANDICAPPED = 24 SPACES

TOTAL PROPOSED = 150 SPACES

PROJECT IS NOT LOCATED WITHIN 200 FEET FROM WATERS OF THE STATE

ALL DOWNSPOUTS ARE COLLECTED VIA DOWNDRAINS THAT ARE PIPED INTO THE PROPOSED STORM SYSTEM, AND INTO THE DETENTION POND.

SITE IS URBAN-BLIGHT WITH CURB-AND-GUTTER, GAB, STORM DRAIN AND SANITARY SEWER STRUCTURES. THE SITE DRAINS INTO AN EXISTING DETENTION POND LOCATED ON THE NORTH SIDE OF THE PROPERTY, WHICH DRAINS UNDER ALMON ROAD.

24-hr CONTACT:
BRETT CONWAY
(404) 214-5200

IF YOU DIG GEORGIA ... CALL US FIRST!
1-800-282-7411
Utilities Protection Center, Inc.
IT'S THE LAW

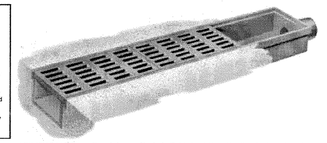
NOTE: When specifying/ordering grates, refer to "CHOOSING THE PROPER INLET GRATE" on pages 108-109. For FREE OPEN AREAS of Neenah Grates, refer to pages 326-330.

R-4994 Curb and Sidewalk Guards-Renumbered to R-4985 Series

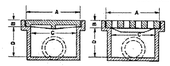
R-4995 - R-4996 Type M Trench Frame with Solid or Grated Cover

Heavy Duty
Cast Iron Trench Assemblies—Light or Heavy Duty—For Use in Sidewalks, Driveways, Garages, Loading Docks, etc.

Read Carefully Before Ordering
Specify:
1. Complete catalog number.
2. Light or heavy duty.
3. Overall length of cover required.
4. Lid solid, flat grated, or diagonally barred convex grate.
5. Location of outlet, side, bottom or end (give dimensional location and pipe size).
6. Whether one end or both ends are to be open or closed.

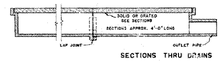


Illustrating Type M frame with grated cover. Standard with 4-inch outside caulk outlet. Can be equipped for inside caulk if specified.



SOLID GRATED

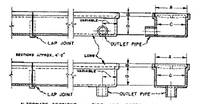
Trench covers are used over areas requiring long drainage assemblies. Can be supplied in a variety of sizes and lengths to meet special needs. For trenches of irregular pattern, arrangements can be made to furnish cover to fit.



SECTIONS THRU GRAINS

Standard 4-inch outlet at end of drain. Special size outlets are available on special order. Side and bottom outlets optional and furnished only when specified.

Sections: Thru Drains, Type M



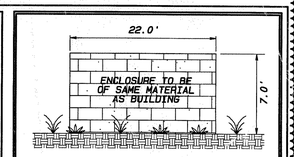
ALTERNATE SECTIONS — SIDE AND BOTTOM OUTLETS

Catalog No.	Description	A	B	C	D	Length
Standard Sizes—Light Duty						
R-4995-S1**	with grated cover	11 1/2	3/4	10	6 3/4	as ordered
R-4995-A2*	with grated cover	7	3/4	5	6 3/4	as ordered
R-4995-S1	with solid cover	11 1/2	3/4	10	6 3/4	as ordered
R-4995-S2	with solid cover	7	3/4	5	6 3/4	as ordered
Standard Sizes—Heavy Duty						
R-4996-A1**	with grated cover	11 1/2	1 1/2	10	8	as ordered
R-4996-A2*	with grated cover	7	1 1/2	5	4 1/4	as ordered
R-4996-S1	with solid cover	11 1/2	1 1/2	10	6	as ordered
R-4996-S2	with solid cover	7	1 1/2	5	4 1/2	as ordered

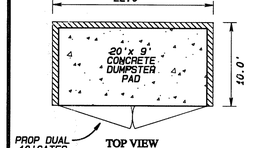
Above Standard Process made in 4 ft. inclusive, covers in 2 ft. lengths.
*Available with Type B grate only (see page 238).
**Also available with Type P grate (see page 283).

NEENAH FOUNDRY COMPANY NF 285

5



SCREEN FENCE DETAIL
N.T.S.



TOP VIEW
N.T.S.

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5877 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24620 PROFESSIONAL ENGINEER

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH. COORDINATION & CITY COMMENTS
02/22/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2

PROJECT NO: 220.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: NOTES

C-2

PROJECT No. 21008-1
LAND LOT(S): 233
DISTRICT: 5th
COUNTY: CARROLL
SCALE: N.T.S.

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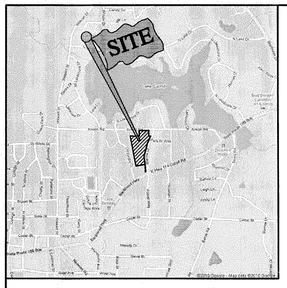
SHEET # OF

DWG File: Sheets 1 of 5 NOTES.dwg
Plotted: 03/11/2011 - VA- Carrollton\u010811.pc



LOCATION MAP

MAGNETIC

LEGEND:

ARC	LENGTH OF CURVE
BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
CB	CATCH BASIN
CHD	LENGTH OF CHORD
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
C&G	CURB AND GUTTER
CO	CLEAN OUT
CONC	CONCRETE
EM	ELECTRIC METER
EP	EDGE OF PAVEMENT
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
GI	GRATE INLET
GM	GAS METER
GL	GROUND LIGHT
GV	GAS VALVE
GW	GUY WIRE
HW	HEADWALL
IPF	IRON PIN FOUND
IPS	IRON PIN SET
LP	LIGHT POLE
N/F	NOW OR FORMERLY
OTP	OPEN TOP PIPE
OHP	OVERHEAD CABLE
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
POB	POINT OF BEGINNING
PP	POWER POLE
RAD	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
SS	SANITARY SEWER LINE
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE
S/W	SIDEWALK
TBX	TELEPHONE BOX
TRANS	TRANSFORMER
UGE	UNDERGROUND ELECTRIC CABLE
W	WATER LINE
WI	WEIR INLET
WM	WATER METER
WV	WATER VALVE

MARTIN DR. 60' R/W

ALMON RD 60' R/W

PARK PLACE WAY

EXISTING AGGRAGATE BASE

CVS PHARMACY
N/F
CARROLLTON PAVILION, LLC

N/F CARROLLTON PAVILION PH.2 (PB 78, PG 231)

EXIST SWCB I-1 TOP EL = 1028.99 INV OUT= 1024.78
EXIST DWCB I-1 TOP EL = 1028.57 INV OUT= 1024.46
EXIST SDMH TOP EL = 1028.68 INV IN = 1022.99 INV IN = 1022.99 INV OUT= 1022.99
EXIST DWCB TOP EL = 1028.07 INV IN = 1022.88 INV OUT= 1022.95
EXIST SDMH TOP EL = 1030.10 INV IN = 1023.98 INV OUT= 1023.98
EXIST SWCB TOP EL = 1031.55 INV OUT= 1027.19
EXIST SWCB TOP EL = 1032.12 INV OUT= 1028.72
EXIST SWCB B-4 TOP EL = 1042.39 INV IN = 1033.98 INV OUT= 1033.94
EXIST SWCB TOP EL = 1038.98 INV OUT= 1034.35
EXIST DWCB A-7 TOP EL = 1050.02 INV IN = 1042.54 INV OUT= 1042.52
EXIST SWCB A-10 TOP EL = 1053.11 INV OUT= 1046.93
EXIST SSMH TOP EL = 1027.60 INV IN = 1020.98 (W) INV IN = 1021.05 (E) INV OUT= 1020.15
EXIST SWCB B-2 TOP EL = 1034.61 INV IN = 1029.09 INV OUT= 1029.06
EXIST SWCB A-4 TOP EL = 1034.50 INV IN = 1029.54 INV IN = 1029.54 INV OUT= 1029.17
EXIST DWCB D-1 TOP EL = 1046.51 INV IN = 1038.41 INV OUT= 1038.36
EXIST DWCB D-2 TOP EL = 1045.91 INV OUT= 1038.52
EXIST SWCB B-5 TOP EL = 1041.45 INV IN = 1034.91 INV OUT= 1034.79
EXIST DWCB A-6 TOP EL = 1048.54 INV IN = 1039.96 INV OUT= 1039.73
EXIST SWCB A-8 TOP EL = 1054.57 INV IN = 1044.17 INV OUT= 1044.15
EXIST SWCB A-9 TOP EL = 1051.88 INV IN = 1044.76 INV OUT= 1044.56
EXIST HW D-1 INV EL = 1024.96
EXIST HW D-2 INV EL = 1024.96
INV IN = 1024.96+/-
INV OUT= 1024.83
EXIST DI D-3 TOP EL = 1037.37 INV IN = 1026.69 INV OUT= 1026.65
EXIST SDMH D-4 TOP EL = 1037.95 INV IN = 1028.07 INV OUT= 1028.05
EXIST DWCB C-1 TOP EL = 1045.54 INV OUT= 1038.12
EXIST SSMH SS-1 STA. 0+60.00 TOP EL = 1052.83 INV IN = 1044.23 INV IN = 1037.41 INV OUT= 1037.25
EXIST SSMH SS-3 STA. 1+84.60 TOP EL = 1054.06 INV OUT= 1046.03
EXIST DI D-9 TOP EL = 1052.96 INV IN = 1044.21 INV OUT= 1044.21
EXIST DI D-10 TOP EL = 1059.01 INV IN = 1050.40 INV OUT= 1050.42
EXIST SSMH SS-2 STA. 2+38 TOP EL = 1046.48 INV OUT= 1039.14
EXIST SDMH D-6 TOP EL = 1045.26 INV IN = 1035.43 INV IN = 1035.43 (I-1) INV OUT= 1035.43
EXIST DI D-8 TOP EL = 1052.25 INV IN = 1045.65 INV OUT= 1045.63
EXIST DI D-5 TOP EL = 1039.93 INV IN = 1029.28 INV OUT= 1029.28
INV IN = 1033.80+/- INV OUT= 1033.88+/-
EXIST HW D-3 INV EL = 1023.49
EXIST HW INV EL = 1022.79
EXIST HW INV EL = 1023.53
EXIST WI TOP EL = 1031.52 WEIR EL= 1030.52 INV OUT= 1024.47
EXIST WATER VAULT w/8"DDC & 1"MW(CVS)

20.0'SSE
20.0' EP-EP
30' BSL
40' BSL
20' BSL
EXIST C.L.F.
EXIST 15"CMP
EXIST 24"CMP
EXIST 18"CMP
EXIST 30"CMP
EXIST 42"CMP
EXIST 48"CMP
EXIST 36"CMP
EXIST 12"CMP
EXIST 10"CMP
EXIST 8"PIPE
EXIST EP
EXIST FH
EXIST PAVEMENT
EXIST RETAINING WALL
APPROX. LOCATION GAS MAIN
APPROX. LOCATION 8"WATER MAIN
15' NATURAL BUFFER/ 5' PLANTED

NOTES:

THIS PROPERTY IS LOCATED ON PANEL 13045C0258D OF THE F.I.A.FLOOD INSURANCE RATE MAP DATED 09/19/07 FOR CARROLL COUNTY & INCORP. AREAS AND IS NOT IN AN AREA HAVING SPECIAL FLOOD HAZARDS. ZONE X

UTILITY LOCATIONS ARE FROM FIELD OBSERVATION, AND/OR DOCUMENTATION FURNISHED BY THE OWNER AND/OR OWNER'S REPRESENTATIVE. NEITHER ACCURACY NOR COMPLETENESS OF UNDERGROUND UTILITIES ARE GUARANTEED BY URBAN ENGINEERS, INC.

24-hr CONTACT:
BRETT CONWAY
(404) 214-5200

IF YOU DIG GEORGIA ... CALL US FIRST!
1-800-282-7411
Utilities Protection Center, Inc.
IT'S THE LAW

SITE AREA =
12.073 acres
DISTURBED AREA
= 11.34 acres

GRAPHIC SCALE 1"=40'
0 40 80 120
CONTOUR INTERVAL = 2 FEET

PROJECT No.	21008-1
LAND LOT(S):	233
DISTRICT:	5th
COUNTY:	CARROLL
SCALE:	1" = 40'

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SHEET # OF

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

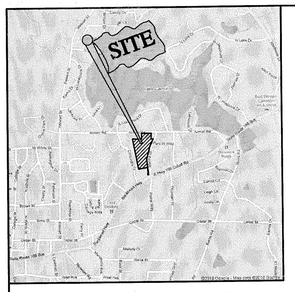
TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

REGISTERED No. 24638 PROFESSIONAL ENGINEER GEORGIA

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: EXISTING CONDITIONS

C-3



LOCATION MAP

MAGNETIC

NOTES:

1. REMOVAL OF STORM DRAINAGE PIPES & STRUCTURES SHALL NOT BE DONE UNTIL THE NEW STORM DRAINAGE INFRASTRUCTURE IS IN PLACE TO HANDLE THE WATER FLOW.
2. THE EXISTING WATER INFRASTRUCTURE ON SITE IS TO BE USED FOR THE PROJECT. A PRESSURE TEST ON THE EXISTING LINE WILL BE DONE PRIOR TO EXTENDING WITH NEW MATERIALS.
3. THE EXISTING GRAVEL BASE IS TO BE REMOVED AND USED AS FILL-MATERIAL ON THE SITE.
4. THE EXISTING DECELERATION LANES ON MARTIN DRIVE ARE TO HAVE THE EXISTING VEGETATION & G.A.B. REMOVED; THE SUBGRADE PROOF-ROLLED; AND, THE STANDARD CITY OF CARROLLTON PAVEMENT-SPEC. INSTALLED.

LEGEND:

ARC	LENGTH OF CURVE
BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
CB	CATCH BASIN
CHD	LENGTH OF CHORD
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CSG	CURB AND GUTTER
CO	CLEAN OUT
CONC	CONCRETE
EM	ELECTRIC METER
EP	EDGE OF PAVEMENT
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
GI	GRATE INLET
GM	GAS METER
GL	GROUND LIGHT
GV	GAS VALVE
GW	GUY WIRE
HW	HEADWALL
IPF	IRON PIN FOUND
IPS	IRON PIN SET
LP	LIGHT POLE
N/F	NOW OR FORMERLY
OTP	OPEN TOP PIPE
OHW	OVERHEAD CABLE
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
POB	POINT OF BEGINNING
PP	POWER POLE
RAD	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
SS	SANITARY SEWER LINE
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE
S/W	SIDEWALK
TBX	TELEPHONE BOX
TRANS	TRANSFORMER
UGE	UNDERGROUND ELECTRIC CABLE
W	WATER LINE
WI	WEIR INLET
WM	WATER METER
WV	WATER VALVE

PROPOSED RE-WORK & TOPPING OF ROAD (WHERE HATCHED)

MARTIN DR. 60' R/W

PARK PLACE WAY

ALMON RD 60' R/W

N/F CARROLLTON PAVILLION PH.2 (PB 78, PG 231)

EXISTING PAVEMENT PATCH (TO BE REMOVED)

CVS PHARMACY N/F CARROLLTON PAVILLION, LLC

15' NATURAL BUFFER/ 5' PLANTED

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Utilities Protection Center, Inc.
IT'S THE LAW

24-hr CONTACT:
BRETT CONWAY
(404) 214--5200

SITE AREA =
12.073 acres
DISTURBED AREA
= 11.34 acres

GRAPHIC SCALE 1"=40'
0 40 80 120
CONTOUR INTERVAL = 2 FEET

PROJECT No.	21008-1
LAND LOT(S):	233
DISTRICT:	5th
COUNTY:	CARROLL
SCALE:	1" = 40'

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
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Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24520 PROFESSIONAL ENGINEER

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH. COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: DEMOLITION PLAN

C-4

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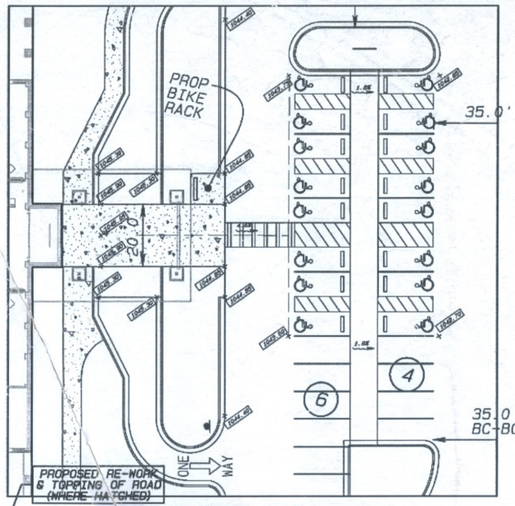
SHEET # OF

PLOTTED ON M:\Projects\21008-1 - Va. Carrollton\w2008011.pro
PLOT DATE: Fri 11:18:38 2011

LOCATION MAP

MAGNETIC



HANDICAPPED AREA INSET

SCALE: 1" = 20'

LEGEND:

ARC	LENGTH OF CURVE
BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
CB	CATCH BASIN
CHD	LENGTH OF CHORD
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
C&G	CURB AND GUTTER
CO	CLEAN OUT
CONC	CONCRETE
EM	ELECTRIC METER
EP	EDGE OF PAVEMENT
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
GI	GRATE INLET
GM	GAS METER
GL	GROUND LIGHT
GV	GAS VALVE
GW	GUY WIRE
HW	HEADWALL
IPF	IRON PIN FOUND
IPS	IRON PIN SET
LP	LIGHT POLE
N/F	NOW OR FORMERLY
OTP	OPEN TOP PIPE
OHW	OVERHEAD CABLE
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
POB	POINT OF BEGINNING
PP	POWER POLE
RAD	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
SS	SANITARY SEWER LINE
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE
S/W	SIDEWALK
TBx	TELEPHONE BOX
TRANS	TRANSFORMER
UGE	UNDERGROUND ELECTRIC CABLE
W	WATER LINE
WI	WEIR INLET
WM	WATER METER
WV	WATER VALVE

PROPOSED DETENTION POND
100-yr.ELEV = 1030.36
vol.= 166,403 cf

DECEL PAVING (MARTIN DR.): REMOVE EXISTING G.A.B., RE-WORK SUBGRADE, AND INSTALL CITY OF CARROLLTON STANDARD PAVEMENT SECTION.

REPLACE EXIST. PVC PIPE W/DIP PIPE UNDER THE PROPOSED DETENTION POND

ADJUST TOP EL = 1031.00

PROP. EMERGENCY SPILLWAY (16' WIDE) EL = 1030.75 (SEE DETAIL C-14)

ALMON RD 60' R/W

MARTIN DR. 60' R/W

PARK PLACE WAY

PROPOSED BUILDING F.F. = 1046.10 72,207 sf

PROP. STONE FILTER RING

PROP. 5' BERM

PROP. 12' BERM

PROP. 4' C.L.F.

LIMITS OF CONSTRUCTION

N/F CARROLLTON PAVILLION PH.2 (PB 78, PG 231)

PROP. 5' NATURAL BUFFER/ 5' PLANTED

PROPOSED DUMPSTER PAD W/ ENCLOSURE (SEE SHEET C-2 FOR DETAIL)

PROP. TRENCH DRAIN (SEE SHEET C-2 FOR DETAIL)

REMOVE TOP & REPLACE WITH MANHOLE RING & COVER CLOSE ALL OPENINGS FOR DEMOLISHED PIPES

REMOVE TOP & REPLACE WITH MANHOLE RING AND COVER

REMOVE TOP & REPLACE WITH WEIR RESISTAL TOP

A NEW 3" WATER METER WITH RPZ BACKFLOW PREVENTER IS TO BE INSTALLED IN THE EXISTING VAULT

* EXISTING SANITARY SEWER MAIN TO BE TV-d AND AIR-TESTED. MANHOLES ARE TO BE VACUUM-TESTED.

CVS PHARMACY N/F CARROLLTON PAVILLION, LLC

APPROX. LOCATION GAS MAIN

APPROX. LOCATION 8" WATER MAIN

EXIST 24" CMP

EXIST 30" CMP

EXIST 42" CMP

EXIST 18" CMP

EXIST 10" CMP

EXIST PAVEMENT

EXIST RETAINING WALL

EXIST FH (TBR)

PROP 4" DOMESTIC

PROP 8" WATER MAIN

PROP 8" SEWER

PROP 18" CMP

PROP 15" PVC

PROP 10" PVC

PROP 48" CMP

PROP 8"x12" CMPA ELBOWS

PROP 39" CMP

PROP 30" CMP

PROP 24" CMP

PROP 12" CMP

PROP 10" CMP

PROP 8" CMP

PROP 6" CMP

PROP 4" CMP

PROP 8" SEWER

PROP 8" WATER

PROP 4" DOMESTIC

PROP 1" IRRIGATION

PROP 2" IRRIGATION

PROP 4" IRRIGATION

PROP 6" IRRIGATION

PROP 8" IRRIGATION

PROP 10" IRRIGATION

PROP 12" IRRIGATION

PROP 16" IRRIGATION

PROP 20" IRRIGATION

PROP 24" IRRIGATION

PROP 30" IRRIGATION

PROP 36" IRRIGATION

PROP 42" IRRIGATION

PROP 48" IRRIGATION

PROP 54" IRRIGATION

PROP 60" IRRIGATION

PROP 72" IRRIGATION

PROP 84" IRRIGATION

PROP 96" IRRIGATION

PROP 108" IRRIGATION

PROP 120" IRRIGATION

PROP 132" IRRIGATION

PROP 144" IRRIGATION

PROP 156" IRRIGATION

PROP 168" IRRIGATION

PROP 180" IRRIGATION

PROP 192" IRRIGATION

PROP 204" IRRIGATION

PROP

LOCATION MAP

MAGNETIC

13 8 ½
27 5
41 1 ½

LEGEND:

ARC	LENGTH OF CURVE
BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
CB	CATCH BASIN
CHD	LENGTH OF CHORD
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
C&G	CURB AND GUTTER
CO	CLEAN OUT
CONC	CONCRETE
EM	ELECTRIC METER
EP	EDGE OF PAVEMENT
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
GI	GRATE INLET
GM	GAS METER
GL	GROUND LIGHT
GV	GAS VALVE
GW	GUY WIRE
HW	HEADWALL
I.P.F.	IRON PIN FOUND
IPS	IRON PIN SET
LP	LIGHT POLE
N/F	NOW OR FORMERLY
OTP	OPEN TOP PIPE
OHP	OVERHEAD CABLE
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
POB	POINT OF BEGINNING
PP	POWER POLE
RAD	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
SS	SANITARY SEWER LINE
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE
S/W	SIDEWALK
TBR	TO BE RELOCATED
TBx	TELEPHONE BOX
TRANS	TRANSFORMER
UGE	UNDERGROUND ELECTRIC CABLE
W	WATER LINE
WI	WETR INLET
WM	WATER METER
WV	WATER VALVE

NOTES:

1. THE EXISTING DECELERATION LANES ON MARTIN DRIVE ARE TO HAVE THE EXISTING VEGETATION & G.A.B. REMOVED; THE SUBGRADE PROOF-ROLLED; AND, THE STANDARD CITY OF CARROLLTON PAVEMENT-SPEC. INSTALLED.

PROPOSED RE-WORK & TOPPING OF ROAD (WHERE HATCHED)

MARTIN DR. 60' R/W

PARK PLACE WAY

ALMON RD 60' R/W

PROPOSED BUILDING F/F = 1046.10 72,207 sf

N/F CARROLLTON PAVILLION PH.2 (PB 78, PG 231)

CVS PHARMACY N/F CARROLLTON PAVILLION, LLC

REPLACE EXIST. PVC PIPE W/DIP PIPE UNDER THE PROPOSED DETENTION POND

A NEW 3" WATER METER WITH RPZ BACKFLOW PREVENTER IS TO BE INSTALLED IN THE EXISTING VAULT

N EXISTING SANITARY SEWER MAIN TO BE TV'd, AND AIR-TESTED. MANHOLES ARE TO BE VACUUM-TESTED.

PROPOSED DUMPSTER PAD w/ ENCLOSURE (SEE SHEET C-9 FOR DETAIL)

15' NATURAL BUFFER/ 5' PLANTED

SITE AREA = 12.073 acres
DISTURBED AREA = 11.34 acres

GRAPHIC SCALE 1"=40'
0 40 80 120
CONTOUR INTERVAL = 2 FEET

IF YOU DIG GEORGIA ... CALL US FIRST!
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Utilities Protection Center, Inc.
IT'S THE LAW

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24624 PROFESSIONAL ENGINEER

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH. COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2
03/17/11	6) REVISED POND CONFIG & REVISED GS LINE
04/28/11	7) REVISION 1

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: SITE & UTILITY PLAN

C-6

PROJECT No. 21008-1
LAND LOT(S): 239
DISTRICT: 5th
COUNTY: CARROLL
SCALE: 1" = 40'

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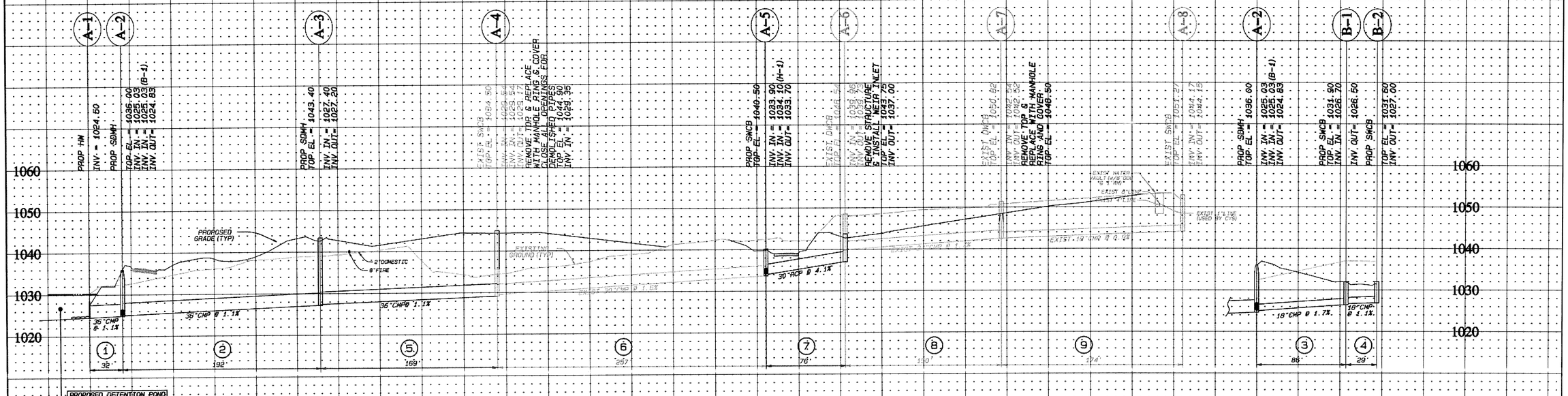
SHEET # OF

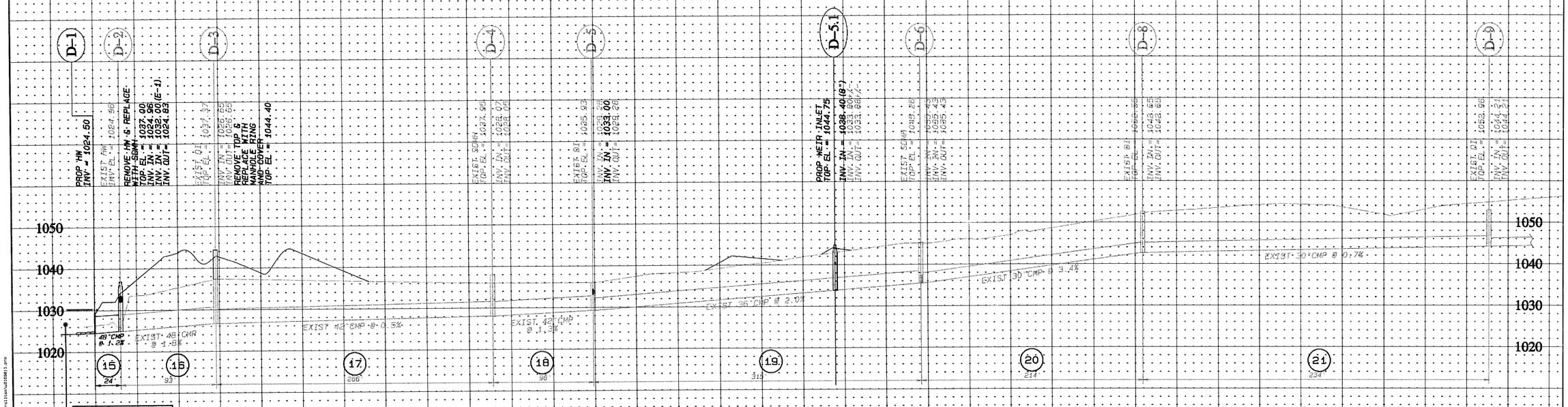
STORM DRAIN PROFILES

SCALE: 1"= 40' HORZ.
1"= 10' VERT.



STORM DRAIN PROFILES

SCALE: 1"= 40' HORZ.
1"= 10' VERT.



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PEACOCK
architects

2000 RIVEREDGE PARKWAY
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404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
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ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24630 PROFESSIONAL ENGINEER

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) CIVIL COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2
03/17/11	6) REVISED POND CONFIG & REVISED SS LINE
04/28/11	7) REVISION 1

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: STORM DRAIN PROFILES

C-7

PROJECT No. 21008-1
LAND LOT (S): 233
DISTRICT: 5th
COUNTY: CARROLL
SCALE: AS SHOWN

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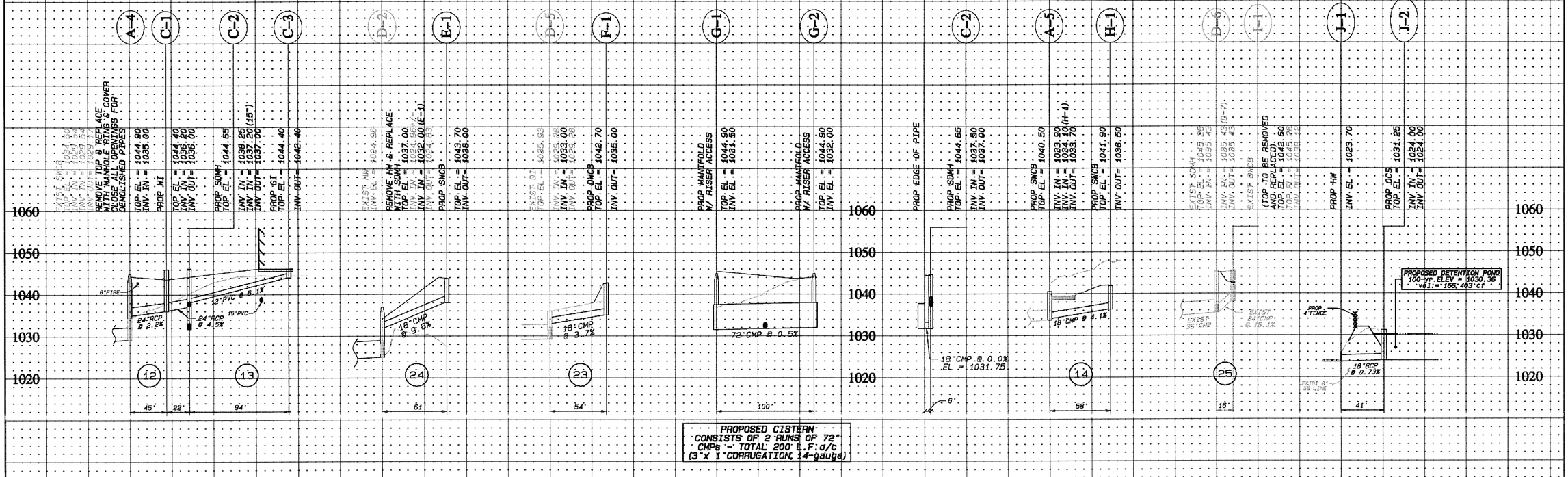
SHEET # OF

STORM DRAIN PROFILES

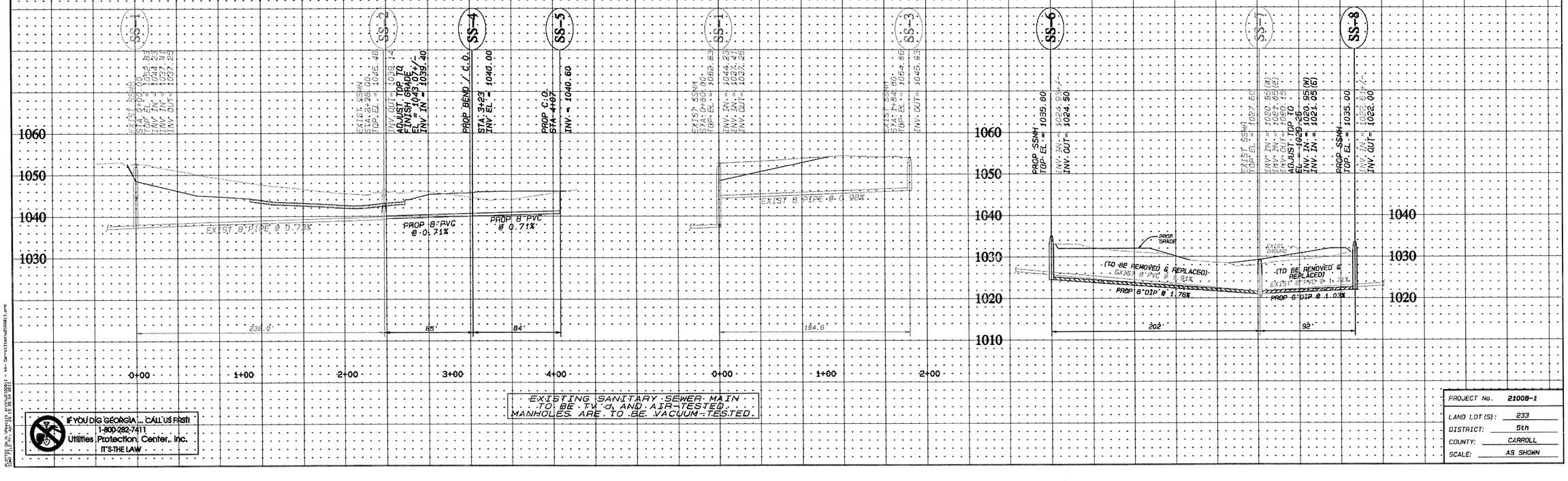
SCALE: 1"= 40' HORZ.
1"= 10' VERT.



PROPOSED CISTERN CONSISTS OF 2 RUNS OF 72" CMPs -- TOTAL 200 L.F. o/c (3"X 1" CORRUGATION, 14-gauge)

SANITARY SEWER PROFILES

SCALE: 1"= 40' HORZ.
1"= 10' VERT.



EXISTING SANITARY SEWER MAIN TO BE T.V.'d AND AIR-TESTED. MANHOLES ARE TO BE VACUUM-TESTED.

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Utilities Protection Center, Inc.
IT'S THE LAW

PROJECT No. 21008-1
LAND LOT (S): 233
DISTRICT: 5th
COUNTY: CARROLL
SCALE: AS SHOWN

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
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ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

STATE OF GEORGIA REGISTERED No. 24626 PROFESSIONAL ENGINEER

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH. COORDINATION & CIVIL COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2
03/17/11	6) REVISED POND CONFIG & REVISED SS LINE
04/28/11	7) REVISION 1

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: STORM and SANITARY SEWER PROFILES

C-8

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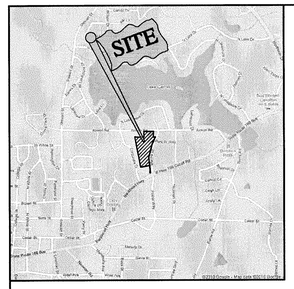
SHEET # OF



LOCATION MAP

MAGNETIC

THE RECEIVING WATERS FOR THIS SITE IS A TRIBUTARY INTO LAKE CARROLL

SITE DESCRIPTION:

THE EXISTING SITE IS MOSTLY AN AGGRAGATE-BASED ABANDONED PARKING AREA, DRAINING FROM THE SOUTH OF THE PROPERTY INTO A DETENTION FACILITY LOCATED ON THE NORTH SIDE OF THE PROPERTY. IT CONTAINS A STORM-DRAIN SYSTEM, AS WELL AS A SANITARY SEWER SYSTEM ON THE WEST SIDE OF THE PROPERTY, LEAVING THE PROPERTY ON THE SAME SIDE. THE SITE HAS THREE POINTS-OF-ACCESS: TWO OFF MARTIN DRIVE; AND, ONE FROM THE CVS DRUGSTORE TO THE SOUTH.

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

SIGNED DANIEL R. WINTERMEYER — 1/10/11 DATE

SOILS WITHIN THIS SITE:

DsC3
MhB2
MhC2

THE ESCAPE OF SEDIMENT FROM SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES.

THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST-MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL), PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION, AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THESAMPLING OF THE STORM WATER OUTFALLS, AND THAT THE DESIGNED SYSTEM OF BEST-MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO.GAR 100001."

SIGNED — 1/10/11 DATE

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT FOR KNOWING VIOLATIONS."

SIGNED — 1/10/11 DATE

THIS SITE WILL BE INSPECTED BY THE DESIGN ENGINEER WITHIN 7 DAYS FOLLOWING THE INSTALLATION OF THE SEDIMENTATION POND AND THE BMP MEASURES, TO ATTEST THEY HAVE BEEN INSTALLED ACCORDING TO THE DESIGN.

SITE ACTIVITY:

THE PROPOSED DEVELOPMENT CONSISTS OF A VETERAN'S FACILITY WITH A CONCRETE PARKING LOT AND THE RETROFIT OF AN EXISTING DETENTION FACILITY TO WATER-QUALITY AND CHANNEL-PROTECTION' STANDARDS.

LEGEND:

ARC	LENGTH OF CURVE
BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
CB	CATCH BASIN
CHD	LENGTH OF CHORD
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CSG	CURB AND GUTTER
CO	CLEAN OUT
CONC	CONCRETE
EM	ELECTRIC METER
EP	EDGE OF PAVEMENT
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
GI	GRATE INLET
GM	GAS METER
GL	GROUND LIGHT
GV	GAS VALVE
GW	GUY WIRE
HW	HEADWALL
IPF	IRON PIN FOUND
IPS	IRON PIN SET
LP	LIGHT POLE
N/F	NOW OR FORMERLY
OTP	OPEN TOP PIPE
OHW	OVERHEAD CABLE
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
POB	POINT OF BEGINNING
PP	POWER POLE
RAD	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
SS	SANITARY SEWER LINE
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE
S/W	SIDEWALK
TBx	TELEPHONE BOX
TRANS	TRANSFORMER
UGE	UNDERGROUND ELECTRIC CABLE
W	WATER LINE
WI	WEIR INLET
WM	WATER METER
WV	WATER VALVE

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Utilities Protection Center, Inc.
IT'S THE LAW

OWNER/DEVELOPER: (PRIMARY PERMITTEE)

TRINKA DAVIS FOUNDATION
c/o PEACOCK PARTNERSHIP
2000 RIVEREDGE PKWY, SUITE 700
ATLANTA, GEORGIA 30328
PHONE: (404) 214-5200
CONTACT: PAUL REICHERT

ENGINEER:

URBAN ENGINEERS, INC.
1904 MONROE DRIVE, N.E., STE 100
ATLANTA, GA 30324
PHONE: (404) 873-5874
CONTACT: DANIEL R. WINTERMEYER, P.E

24-hr CONTACT:
BRETT CONWAY
(404) 214-5200

INITIAL PHASE OF EROSION CONTROL (PHASE I): TO BE USED DURING CLEARING & GRUBBING

RUNOFF SUMMARY:
(25-yr.)
Q_{PRE} = 38.7
Q_{POST} = 9.7

GRAPHIC SCALE 1"=40'
0 40 80 120
CONTOUR INTERVAL = 2 FEET

SITE AREA = 12.073 acres
DISTURBED AREA = 11.34 acres

THE ESCAPE OF SEDIMENT FROM SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES. THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICESSHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.

MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.

ALL EROSION CONTROL MEASURES SHALL CONFORM WITH THE GUIDELINES SET FORTH IN THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA".

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 MEASURES SHALL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND BE REPAIRED BY THE GENERAL CONTRACTOR.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

PROJECT No.	21008-1
LAND LOT (S):	233
DISTRICT:	5th
COUNTY:	CARROLL
SCALE:	1" = 40'

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24620 PROFESSIONAL ENGINEER CIVIL & SANITARY
CERTIFIED LEVEL II ED. DESIGNER CERT. No. 6968

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) P&Z/ COORDINATION & CITY COMMENTS
02/01/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No. 2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: EROSION CONTROL PLAN - PHASE I

C-9

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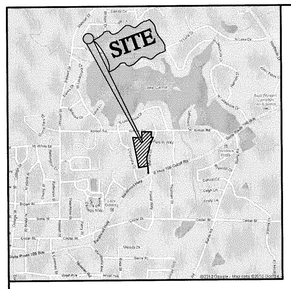

LOCATION MAP

MAGNETIC

LEGEND:

ARC	LENGTH OF CURVE
BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
CB	CATCH BASIN
CHD	LENGTH OF CHORD
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
C&G	CURB AND GUTTER
CO	CLEAN OUT
CONC	CONCRETE
EM	ELECTRIC METER
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TRANS	TRANSFORMER
	UNDERGROUND ELECTRIC CABLE
W	WATER LINE
WI	WEIR INLET
WM	WATER METER
WV	WATER VALVE

PARK PLACE WAY

MARTIN DR. 60' R/W

ALMON RD 60' R/W

PROPOSED BUILDING F.F. = 1047.70 72,207 sf

LIMITS OF CONSTRUCTION

SAMPLING POINT#1

SAMPLING POINT#2

CONCRETE WASH AREA

CVS PHARMACY N/F CARROLLTON PAVILLION, LLC

N/F CARROLLTON PAVILLION PH.2 (PB 78, PG 231)

15'NATURAL BUFFER/ 5'PLANTED

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OWNER/DEVELOPER: (PRIMARY PERMITTEE)

TRINKA DAVIS FOUNDATION
c/o PEACOCK PARTNERSHIP
2000 RIVEREDGE PKWY, SUITE 700
ATLANTA, GEORGIA 30328
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CONTACT: PAUL REICHERT

ENGINEER:

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PHONE: (404) 873-5874
CONTACT: DANIEL R. WINTERMEYER, P.E

24-hr CONTACT:
BRETT CONWAY
(404) 214-5200

INTERMEDIATE PHASE OF EROSION CONTROL (PHASE II): TO BE USED DURING MASS GRADING, BUILDING, AND INFRASTRUCTURE CONSTRUCTION.

GRAPHIC SCALE 1"=40'
0 40 80 120
CONTOUR INTERVAL = 2 FEET

SITE AREA = 12.073 acres
DISTURBED AREA = 11.34 acres

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ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

PROJECT No.	21008-1
LAND L.O.(S):	233
DISTRICT:	5th
COUNTY:	CARROLL
SCALE:	1" = 40'

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24629 PROFESSIONAL ENGINEER DANIEL R. WINTERMEYER
CERTIFIED LEVEL II EC DESIGNER CERT. No. 6968

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) PLAN COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No. 2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: EROSION CONTROL PLAN - PHASE II

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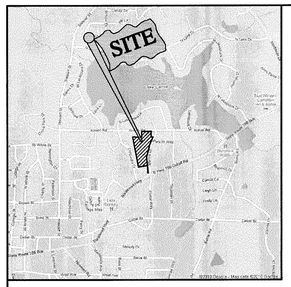

LOCATION MAP

MAGNETIC

THE ESCAPE OF SEDIMENT FROM SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES. THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICESSHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.

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24-hr CONTACT:
BRETT CONWAY
(404) 214-5200

FINAL PHASE OF EROSION CONTROL (PHASE III):
TO BE USED DURING FINAL SITE STABILIZATION.

SITE AREA =
12.073 acres
DISTURBED AREA
= 11.34 acres

GRAPHIC SCALE 1"=40'
0 40 80 120
CONTOUR INTERVAL = 2 FEET

PROJECT No. 21008-1
LAND LOT(S): 233
DISTRICT: 5th
COUNTY: CARROLL
SCALE: 1" = 40'

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 23520 PROFESSIONAL ENGINEER DANIEL R. WINTERMEYER
CERTIFIED LEVEL II EC DESIGNER CERT. No. 6968

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH. COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No.2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: EROSION CONTROL PLAN - PHASE III

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SHEET # OF

PLOTTED ON: Wednesday, April 13, 2011 - 11:52:43 AM
DWG FILE(P): Mar-11 11-52-43.dwg

Co CONSTRUCTION EXIT

DEFINITION

A stone-stabilized pad located at any point where traffic will be leaving a construction site to a public right-of-way, street, alley, sidewalk, or parking area.

PURPOSE

Reduce or eliminate the transport of mud from the construction area.

INSTALLATION

- Install according to approved plan, if shown.
- Use 1.5"-3.5" stone.
- Minimum pad thickness of 6 inches.
- Minimum pad width of 20 feet.
- Minimum pad length of 50 feet.
- Excavate footprint 3 inches.
- If tire washing is required, route runoff from washing to an approved sediment trap or sediment basin.
- Install filter fabric under the entire pad.

Co

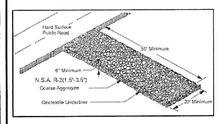


Figure 1. Crushed Stone Construction Exit Installation Requirements

Figure 2. Geotextile Underliner Under Gravel Pad

MAINTENANCE

- Periodically dress with 1.5"-3.5" stone.
- Maintain in a condition that will prevent tracking or flow of mud onto public rights-of way.
- Immediately remove mud and debris tracked or spilled onto roadways.

Ds1 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)

DEFINITION

A temporary cover of plant residues applied to the soil surface for a period of six (6) months or less when seeding is not practical.

PURPOSE

- Reduce runoff, erosion, and sedimentation.
- Reduce dust.
- Conserve moisture.
- Prevent surface compaction and crusting.
- Control undesirable vegetation.

INSTALLATION

- Install all other required BMPs first.
- Grade site, if possible, to permit the use of equipment for applying and anchoring mulch.
- Loosen compacted soil, if possible, to a depth of three (3) inches.
- Apply straw or hay uniformly, as shown in Table 1, by hand or mechanical equipment, and anchor by pressing into soil or using netting.
- Mulch on slopes greater than 3% should be anchored with emulsified asphalt (Grade AE-5 or SS-1) or other suitable tackifier.
- Wood waste on slopes flatter than 3:1 do not need anchoring.
- Mulch shall be applied to all disturbed areas left inactive for fourteen days.

Table 1. Mulching Application Requirements

Material	Rate	Depth
Straw or hay	-	2" to 4"
Wood waste, chips, sawdust, bark	-	2" to 3"
Cutback asphalt	1200 gal./acre, 1/4 gal./sq. yd. or See manufacturer's recommendations	---
Polyethylene film	Secure with soil, anchors, weights	---
Geotextiles, jute matting, netting, etc.	See manufacturer's recommendations	---

MAINTENANCE

- Add mulch as needed to maintain the suggested depth.
- If organic mulch is to be left and incorporated into the soil, apply 20-30 pounds of Nitrogen in addition to the fertilizer required for vegetation.

REFERENCES

- Mb Erosion Control Matting and Blankets

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

DEFINITION

A temporary vegetative cover with fast growing seedings for up to a 12-month period or until permanent vegetation is established.

PURPOSE

- Reduce runoff, erosion, and sedimentation.
- Improve wildlife habitat.
- Improve aesthetics.
- Improve tilth and organic matter.

INSTALLATION

- Install all E&SC measures prior to applying temporary vegetation.
- Grading or shaping are not required if slopes can be planted with a hydroseeder or by hand-seeding.
- Seedbed preparation is not required if soil is loose and not sealed by rain.
- When the soil is sealed or crusted, it should be pitted, trenched or scarified to provide a place for seed to lodge and germinate.
- Agricultural lime is not required.
- Fertilize low fertility soils prior to or during planting at the rate of 500-700 pounds per acre of 10-10-10 fertilizer or equivalent (12-16 pounds/1000 square feet).
- It is imperative that you check the tag on the bag of seed to verify the type and germination of the seed to be planted.

Figure 1. Typical Tag on Bag of Seed

- Apply seed by hand, cyclone seeder, drill or hydro-seeder. Seed planted with a drill should be planted 1/4"-1/2" deep. Refer to Pure Live Seed (PLS) in the Glossary.
- Apply in accordance with specifications on the E&SC plan. If information is not available, select a temporary cover from Table 1.
- Temporary cover shall be applied to all disturbed areas left idle for fourteen days. (If an area is left idle for 6 months, permanent cover shall be applied.)

Table 1. Some Temporary Plant Species, Seeding Rates and Planting Dates

Species	Rates Per 1,000 sq. ft.	Rates per Acre	Planting Dates by Region M - L	P	C
Barley Alone Barley In mixtures	3.3 lbs. .6 lbs.	3 bu. .5 bu.	9/1-10/31	9/15-11/15	10/1-12/31
Lespedeza, Annual Lespedeza In Mixtures	0.9 lbs. 0.2 lbs.	40 lbs. 10 lbs.	3/1-3/31	3/1-3/31	2/1-2/28
Lovegrass, Weeping Lovegrass In Mixtures	0.1 lbs. .05 lbs.	4 lbs. 2 lbs.	4/1-5/31	4/1-5/31	3/1-5/31
Millet, Browntop Millet In Mixtures	.9 lbs. .2 lbs.	40 lbs. 10 lbs.	4/15-6/15	4/15-6/30	4/15-6/30
Millet, Pearl	1.1 lbs.	50 lbs.	5/15-7/15	5/1-7/31	4/15-8/15

1. Unusual site conditions may require heavier seeding rates.
2. Seeding dates may need to be altered to fit temperature variations and local conditions.
3. For Major Land Resource Areas (MLRAs), see page 50.
4. Seeding rates are based on pure live seed (PLS).

Ds2

Table 2. Fertilizer Requirements for Temporary Vegetation

Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	N Top Dressing Rate (lbs./acre)
Cool season grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 --- 30
Cool season grasses & legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 --- ---
Temporary cover crops seeded alone	First	10-10-10	500	30
Warm season grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30

Ds2

Mb EROSION CONTROL MATTING AND BLANKETS

DEFINITION

A protective covering (blanket) or soil stabilization mat used to establish permanent vegetation on steep slopes, channels, or shorelines.

PURPOSE

- Reinforce turf.
- Reduce erosion.
- Reinforce channels.
- Provide protective covering.

INSTALLATION

- Install on slopes steeper than 2.5:1 and greater than 10 feet in height and in areas of concentrated flow.
- Install according to approved plan, if shown.
- All mats and netting should be appropriately staked to prevent shifting.
- These materials must be installed according to the manufacturer's specifications.

Mb

Jute or Excelsior (Wood Fiber) Matting

- Seed area.
- Cover an area completely with a heavy, uniform, jute yarn or organic mulch.
- Apply on areas with steep slopes, watercourses or where vegetation needs to be quickly established.

Figure 1. Installation of Jute Matting

Fiberglass Roving

- Seed area.
- Apply fiberglass with a compressed air ejector, at a rate of 1/2-1 ton per acre and tack with emulsifier (asphalt) at a rate of 25-35 gal/1000 ft² or as recommended by the manufacturer.
- Place in watercourses or on moderate slopes for stabilization and to provide a suitable microclimate for seeds.

Bonded Fiber Matrix

- A hydraulically applied bonded fiber matrix which upon drying shall adhere to the soil in the form of a continuous 100 per cent coverage biodegradable blanket.
- The bonded matrix shall not be applied on saturated soils.
- See manufacturer's specifications for installation instructions.

Mb

Turf Reinforcement Mats

- See manufacturer's specifications for installation instructions.
- Other geotextiles include silt fence, geoblocks, weight-bearing fabric, etc.
- All blanket and matting materials shall be on the Georgia Department of Transportation Qualified Products List (QPL #62 for blankets and QPL #49 for matting).

Figure 2. Geotextile Installed to Control Erosion in a Concentrated Flow Area

MAINTENANCE

- Inspect periodically and after each rainstorm until vegetation is completely established.
- Eroded or exposed areas should be seeded and stabilized with mulch as quickly as possible.

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)

DEFINITION

A permanent vegetative cover using grasses, trees, shrubs or legumes on highly erodible or critically eroded lands.

PURPOSE

- Reduce runoff and erosion.
- Improve wildlife habitat.
- Improve aesthetics.
- Improve tilth and organic matter.
- Reduce downstream complaints.
- Reduce likelihood of legal action.
- Reduce likelihood of work stoppage due to legal action.
- Increase "good neighbor" benefits.

INSTALLATION

- Use conventional planting methods, if possible.
- Apply according to approved plan, if shown, or refer to Table 1.

Ds3

- Check the tag on the bag of seed to verify the type and germination of the seed to be planted and the date of the test.

Figure 1. Typical Tag on a Bag of Seed

- Scarify, pit or trench sealed or crusted soil.
- Fertilize based on soil tests or as shown in Table 2.
- Apply agricultural lime as prescribed by soil tests or at a rate of 1 to 2 tons per acre.
- Apply seed by hand, cyclone seeder, drill or hydro-seeder. Seed planted with a drill should be planted 1/4"-1/2" deep.
- Straw or hay mulch shall be applied at a rate of 2 or 2.5 tons per acre.
- Irrigation should be used to supplement rainfall, but not to the extent to cause erosion.

Ds3

Figure 2. Crown Vetch

Figure 3. Sericea Lespedeza

Ds3

Table 1. Some Permanent Plant Species, Seeding Rates, and Planting Dates

Species	Rates per Acre	Rates per 1,000 sq. ft	Planting Dates by Region M-L	P	C	Remarks
Bahia, Pensacola Alone or with temporary cover With other perennials	60 lbs. 30 lbs.	1.4 lbs. 0.7 lb.	---	4/1-5/31	3/1-5/31	Low growing; sod producing; will spread into Bermuda lawns.
Bahia, Wilmington Alone or with temporary cover With other perennials	60 lbs. 30 lbs.	1.4 lbs. 0.7 lb.	3/15-5/31	3/1-5/31	---	Same as above.
Bermuda, Common (Hulled seed) Alone With other perennials	10 lbs. 6 lbs.	0.2 lb. 0.1 lb.	---	4/1-5/31	3/15-5/31	Quick cover; low growing; sod forming; needs full sun.
Bermuda, Common (Unhulled seed) With temporary cover With other perennials	10 lbs. 6 lbs.	0.2 lb. 0.1 lb.	---	10/1-2/28	11/1-1/31	Plant with Winter annuals. Plant with Tall Fescue
Bermuda Sprigs Common lawn and forage hybrids	40 cu. ft. Sod plugs 3'x3'	0.9 cu. ft.	4/15-6/15	4/1-6/15	4/1-5/31	1 cu. ft. = 850 sprigs 1 cu. = 1.25 cu. ft. or 800 sprigs

Table 2. Fertilizer Requirements for Temporary Vegetation

Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	N Top Dressing Rate (lbs./acre)
Cool season grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 --- 30
Cool season grasses & legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 --- ---
Warm season grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30
Warm season grasses and legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 1000 400	50 --- ---

Sd1 SEDIMENT BARRIER

DEFINITION

A temporary structure made of silt fence supported by steel or wood posts, sandbags, straw bales or other filtering material.

PURPOSE

- Slow the velocity of runoff and cause sediment deposition at the structure.
- Filter sediment from runoff.

INSTALLATION

- Install according to approved plan, if shown.
- Install along contours with ends pointing uphill.
- Do not place in waterways or areas of concentrated flow.

Sandbags Sd1-S

- Flow under or between bags should be minimal.
- Anchoring with steel rods may be required if height exceeds two bags.

88

NOTE: ONLY TYPE–C FENCE TO BE USED

Sd1

Hay or Straw Bales Sd1-Hb

- Place in a single row, lengthwise, on the contour.
- Embed in the soil to a depth of 4 inches.
- Secure with stakes or bars driven through the bales or by other adequate means.
- Place in areas of low rate sheet flow.
- For use on projects with a duration of three months or less.

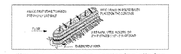


Figure 1. Straw Bale Barrier Installation Requirements

Brush (use during timber clearing operations) Sd1-Bb

- Pile in a row along the perimeter of land-disturbing activities.
- Windrow on the contour as close as possible.
- Compaction may be required.
- Filter fabric may be placed on the construction side of the brush barrier for added filtering capacity. Lower edge must be entrenched 4 to 6 inches deep. The upper edge must be fastened to the brush barrier.

Silt Fence Sd1-A Sd1-B Sd1-C

- Install where sheet flow conditions exist.
- Drainage area is not to exceed 1/4 acre per 100 ft. of silt fence.

89

Sd1

- Verify fabric by inspection of fabric name printed every 100 ft. of silt fence.
- Start post installation at the center of the lowest point with remaining posts spaced according to Figures 2, 3, or 4.
- If non-erosive outlets are provided, slope length may be increased beyond that shown in Table 1.

Table 1. Criteria for Sediment Barrier Placement

Land Slope (percent)	Maximum Slope Length behind Fence (foot)
<2	100
2 to 5	75
5 to 10	50
10 to 20	25
>20	15

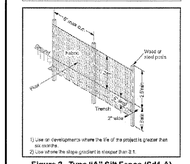


Figure 2. Type "A" Silt Fence (Sd1-A)

90

Sd1

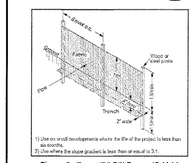


Figure 3. Type "B" Silt Fence (Sd1-b)

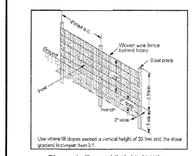


Figure 4. Type "C" (Sd1-C) Wire-Reinforced Silt Fence

91

Sd1

Figure 5. Typical Type "C" Silt Fence

MAINTENANCE

- Inspect barriers at the end of each working day, or after each rain, and repair or clean as necessary.
- Remove sediment from barrier when one-half full.
- Dispose of sediment and stabilize it with vegetation.
- Replace filter fabric when deteriorated.
- Design life of a synthetic silt fence is approximately 6 months.
- Maintain until the project is vegetated or otherwise stabilized.
- Remove barriers and accumulated sediment and stabilize the exposed area when the project is stabilized.
- Approved silt fence fabrics are listed in the Georgia Department of Transportation Qualified Products List #36 (QPL-36).

92

Sd2 INLET SEDIMENT TRAP

DEFINITION

A temporary sediment barrier placed around a storm drain drop inlet.

PURPOSE

Prevent sediment from entering storm drainage systems.

INSTALLATION

- Install according to approved plan, if shown.
- Do not install where vehicular traffic will be affected.
- Install at or around all storm drain drop inlets that receive runoff from disturbed areas.
- Construct on natural ground surface, excavated surface, or on machine compacted fill.

Excavated Sediment Traps

- Minimum of 1.5 feet of sediment storage in excavated sediment traps.
- Must be self-draining unless otherwise protected.

94

Sd2

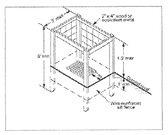


Figure 1. Fabric and supporting Frame for Inlet Protection (Sd2-F)

Block and Gravel Drop Inlet Protection Sd2-Gb

- Excavate foundation at least 2 inches below the crest of the storm drain.
- On each side of the structure, place one block in the bottom row on the side to allow pool drainage.
- Place the bottom row of blocks against the edge of the storm drain.
- Add support by placing 2"x4" wood studs through block openings.
- Fit hardware cloth or wire mesh with 1/2 inch openings over all block openings to hold gravel in place.
- Place clean gravel 2 inches below the top of the block on a 2:1 or flatter slope and smooth it to an even grade. DOT #57 stone is recommended.

95

Sd2

Curb Inlet Filter (Pigs-in-a-Blanket) Sd2-P

- Install filter after asphalt pavement installation.
- Wrap 8" concrete blocks in filter fabric and span across catch basin inlet.
- Face openings in blocks outward.
- Leave a gap of approximately 4 inches between the curb and the filters to allow for overflow to prevent hazardous ponding.
- Install outlet protection below storm drain outlets.

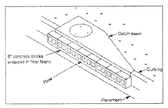


Figure 3. Curb Inlet Filter Installation Requirements (Sd2-P)

Figure 4. Alternative Inlet Sediment Trap

97

St STORM DRAIN OUTLET PROTECTION

DEFINITION

Paved and/or riprapped channel sections placed below storm drain outlets.

PURPOSE

- Reduce the velocity of flow from storm drain outlets.
- Reduce erosion of receiving channels.
- Stabilize grades.

INSTALLATION

- Install according to approved plan, if shown.
- Place a filter blanket or filter fabric between riprap and soil foundation.
- Install a graded gravel layer if geotextile is not used.
- Line with riprap, grouted riprap, or concrete. Use field or quarry stone with minimum diameter of 6 inches for riprap.
- Minimum apron thickness should be 1.5 times the maximum stone diameter.
- Extend apron length to at least six times the outlet pipe diameter.

110

St

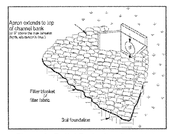


Figure 1. Outlet Protection for a Well-Defined Channel

Apron Width for a Well-Defined Channel

- Side slopes of the channel no steeper than 2:1.
- Apron extends across the channel bottom.
- Apron extends up the channel banks to an elevation one foot to the top of the bank.

Apron Width for a Flat Area

- Upstream width three times the diameter of the outlet pipe.
- Downstream width three times the diameter of the outlet pipe plus the length of the apron.
- Construct apron at zero grade with no overfall at the end.
- Conform to bottom grade of receiving channel.

Structure #	Pipe Size (in.)	Length (La)(ft)	Thickness (D)	Width (top-acting)	Width (bot)	Area
A-1	36	20	12"(min)	9.0	23.0	36
D-1	48	20	12"(min)	12.0	24.0	40

St

- Locate to prevent bends in horizontal alignment.
- Place necessary curves in the upper section of the apron.
- Vegetate all disturbed areas immediately.

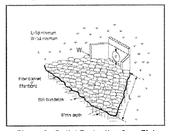


Figure 2. Outlet Protection for a Flat Area

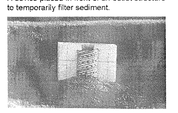
MAINTENANCE

- Inspect after heavy rains for erosion and dislodged stones.
- Make all repairs immediately.

Rt RETROFITTING

DEFINITION

A device placed in front of an outlet structure to temporarily filter sediment.



PURPOSE

Allow stormwater detention basins to function as temporary sediment retention basins.

INSTALLATION

- Install according to approved plan, if shown.
- Prohibited in detention basins on live streams.
- Install on approximately 1/2 the height of the outlet structure.

Perforated Half-Round Pipe with Stone Filter Rt-P

- Half-round pipe diameter should be 1.5 times the diameter of the principal pipe outlet or wider than the greatest width of the concrete weir.
- Attach to the outlet structure, but never use on exposed pipe end or winged headwall.
- Drainage area not to exceed 30 acres.
- See Figures 1 and 2.

84

Rt

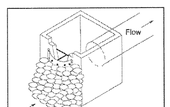


Figure 1. Perforated Half-Round Pipe Retrofit with Stone Filter.

Stone Filter Ring

- Use in conjunction with half-rounds or board dams.
- Minimum height of 2'.
- Minimum distance of 8' to 10' between retrofit and ring.
- Pipe with diameter larger than 12" requires 10"-15" stone, faced with smaller filter stone.

85

Rt

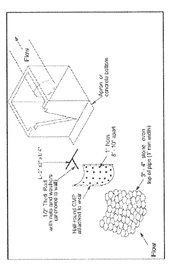


Figure 2. Perforated Half-Round Pipe Retrofit with Stone Filter Installation Requirements

86

Rt

Slotted Board Dam with Stone Rt-B

- Can be used with open pipe ends, winged headwalls, or concrete weir outlets.
- Install with 4x4" or larger posts with 0.5" to 1" spacing.
- Drainage area not to exceed 100 acres.
- Can excavate in front of the retrofitted outlet structure or raise the outlet structure to obtain required sediment storage.

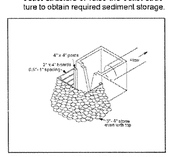


Figure 3. Slotted Board Dam Installation Requirements

MAINTENANCE

- Clean-out when one-third sediment storage capacity is lost. Indicate this elevation with a mark on the outlet structure or a post inserted in the pond.
- Remove all trash and debris.
- Remove retrofit and accumulated sediment when the project is completed.
- Stabilize all disturbed areas immediately with permanent vegetation.

87

Rt Detention Pond

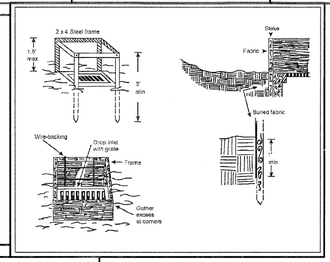
Storage Calculations

1	Required Stormwater Storage (25 yr)	141,452 cy
2	Disturbed Area (Drainage Area) =	11.53 ac
	Required Volume (67 cy / Ac)	773 cy
3	Total Required Storage	142,225 cy
4	Available Storage	162,200 cy
5	Is the available storage greater than that required:	YES
6	If "no" the sediment storage capacity of the pond must be increased Choose the method: _____ : Raise the Invert of the Outlet Structure _____ inches _____ : Undercut the pond _____ feet _____ :Other _____	
7	Clean-out elevation = (elevation corresponding with 22 cy/ ac)	1027.0
8	Is the Length-width ration 2:1 or greater	YES
9	If "no" the length of the flow must be increased. Choose the method to be used: _____ :Baffle (type of baffle:_____) _____ :Other _____	

Note: The CMP diameter and height if a half round CMP retrofit us to be used
Diameter = **48** inches Height = **3.0** feet

Filter Fabric with Supporting Frame Sd2-F

This method of inlet protection is applicable where the inlet drains a relatively flat area (slope no greater than 5%) and shall not apply to inlets receiving concentrated flows, such as in street or highway medians. As shown in Figure 6-21.1, Type C silt fence supported by steel posts shall be used. The stakes shall be spaced evenly around the perimeter of the inlet a maximum of 3 feet apart, and securely driven into the ground, approximately 18 inches deep. The fabric shall be entrenched 12 inches and backfilled with crushed stone or compacted soil. Fabric and wire shall be securely fastened to the posts, and fabric ends must be overlapped a minimum of 18 inches or wrapped together around a post to provide a continuous fabric barrier around the inlet.



COMPREHENSIVE MONITORING PROGRAM FOR VA HOSPITAL – CITY OF CARROLLTON

Introduction:
In accordance with the recent addition to Georgia State requirements, a comprehensive monitoring program is required for every land disturbing activity that is greater than 1.0 acres. This plan is developed to ascertain water samples at certain interval, assuring the state that the site is limiting the impact on the surrounding areas.
The project site is located north of Blankford Highway, west of Martin Drive, and south of Almon Road in Carroll County, Georgia. The proposed project consists of a 1-story veteran's hospital building with a concrete parking area and a detention / water-quality facility, disturbing 11.53 acres of a 12.073-acre site.

Site Water Description:
The site has 3.3 acres of pass-through water.

Sampling Locations:
Due to the configuration of the site, the monitoring of the stormwater can be achieved utilizing two (2) stations. Station #1 will be located inside an existing drop inlet on the south side of the property where the water comes into the property. Station #2 will be located in the detention pond release for the site on the north side of the pond.

Sampling Frequency and Schedule:
- Initially: The first 0.5" or greater rainfall event that occurs after all clearing and grubbing activity has been completed.
- During: The first 0.5" or greater rainfall, either after 90 days from the initial test or at the conclusion of mass grading, whichever comes first. *
- Finally: Once final stabilization has occurred over the entire site, at least one rainfall event of 0.5" or greater shall be tested before submittal of the Notice of Termination.
- If a value NTU for Station #2 exceeds the station #1 + 25 NTUs, then:
  Corrective action to be performed to fix or modify all BMPs.
  Sample all 0.5" or greater rainfall events until the system meets requirements.

* Indicates rainfall events that occur during normal business hours defined as Monday-Friday: 8am to 5pm and Saturday 8am to 5pm if construction activity is occurring.
Note: rainfall amounts indicated are over a 24-hour period as recorded on the Daily Rainfall Monitoring Data which should be located with your log on the site)

Sampling Collection and Testing Procedure:
The samples collected for testing shall meet the following criteria:
- Collected within 45 minutes of the end of the rainfall event.
- Collected in a large mouthed, well-cleaned plastic container.
- Collected at the center of the stream runoff (both horizontally and vertically)
- Sample shall be tested within 48 hours of obtaining, utilizing EPA design specifications and procedures.
- All testing results shall be recorded on a log (sample log included)

In order to insure the best sample an automatic sampler device is to be used. These devices can be "programmed", pulling the required sample at the correct rainfall interval.

Inspection:
As part of the requirements of the NPDES permit, site inspections are required periodically. The inspection must be done by a "qualified personnel", as indicated by the Georgia EPD. We have included a schedule for your use during construction.
Daily:
- Petroleum Product Storage Areas
- Areas where Grading Equipment is stored.
- Construction Entrance/Exit (CO)

Weekly (or after each 0.5" rainfall event):
- All items indicated above
- The entire site including erosion control structural practices including:
  Silt Fence (Sd)
  Siltation Ponds (St, Sd) & (Sd)
  Discharge Areas (St)

All areas graded that have not been stabilized utilizing final stabilization (Ds1 & Ds2)
Monthly:
- All items indicated above
- All items that have been graded and permanently stabilized (Ds3)

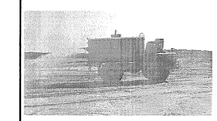
Reporting:
In order to meet the requirements of the Permit, a monthly report needs to be filed with Georgia EPD. The report should contain a summary of rainfall events for the month (or a statement indicating no qualifying rainfall events occurred during the month) with corresponding monitoring results. The report should be filed by the 15th of each month until the Notice of Termination is filed. A copy of the report should be kept on file at the job site, for inspection at will.

File to: Mountain District - Cartersville Office
Georgia Environmental Protection Division
P.O. Box 3250
Cartersville, GA 30120-1705
(770) 387-4900

Du DUST CONTROL ON DISTURBED AREAS

DEFINITION

Controlling surface and air movement of dust on land-disturbing activities.



PURPOSE

- Prevent the movement of dust from exposed soil surfaces.
- Prevent the movement of airborne substances that may be harmful to health.

INSTALLATION

- Apply according to approved plan, if shown.
- Mulch disturbed areas and tackify with resins such as asphalt, Curasol or Terratack according to manufacturer's recommendations.
- Stabilize disturbed areas with temporary or permanent vegetation.
- Irrigate disturbed areas until surface is wet.
- Cover surfaces with crushed stone or gravel.

Du

- Apply calcium chloride at a rate to keep surfaces moist.
- Apply spray-on adhesives to mineral soils (not muck soils) as described in Table 1.

Table 1. Spray-On Adhesive Application Requirements

Adhesive	Water Dilution	Nozzle Type	Application (Gal./Acre)
Anionic asphalt emulsion	7:1*	Coarse spray	1,200
Latex emulsion	12.5:1 *	Fine spray	235
Resin-in-water emulsion	4:1*	Fine spray	300

*Use manufacturer's recommendations when available.

MAINTENANCE

- Prohibit traffic on surface after spraying.
- Supplement surface covering as needed.

REFERENCES

- Ds1 Disturbed Area Stabilization (With mulching only)
- Ds2 Disturbed Area Stabilization (With temporary seeding)
- Ds3 Disturbed Area Stabilization (With permanent seeding)
- Ds4 Disturbed Area Stabilization (With sodding)
- Tb Tackifiers and Binders

OWNER/DEVELOPER: (PRIMARY PERMITTEE)
TRINKA DAVIS FOUNDATION
c/o PEACOCK PARTNERSHIP
2000 RIVEREDGE PKWY, SUITE 700
ATLANTA, GEORGIA 30328
PHONE: (404) 214-5200
CONTACT: PAUL REICHERT

ENGINEER:
URBAN ENGINEERS, INC.
1904 MONROE DRIVE, N.E., STE 100
ATLANTA, GA 30324
PHONE: (404) 873-5874
CONTACT: DANIEL R. WINTERMEYER, P.E

24-hr CONTACT:
BRETT CONWAY
(404) 214–5200

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Utilities Protection Center, Inc.
IT'S THE LAW

PROJECT No. 21008-1
LAND LOT (S): 233
DISTRICT: 5th
COUNTY: CARROLL
SCALE: N.T.S.

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 21008 PROFESSIONAL ENGINEER
CERTIFIED LEVEL II EC DESIGNER CERT. No. 6968

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) ARCH. COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No. 2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: EROSION CONTROL PLAN NOTES & DETAILS

C–12

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SHEET # OF

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EROSION CONTROL PLAN:

1. THE EXISTING SITE IS MOSTLY AN AGGRAGATE-BASED ABANDONED PARKING AREA, DRAINING FROM THE SOUTH OF THE PROPERTY INTO A DETENTION FACILITY LOCATED ON THE NORTH SIDE OF THE PROPERTY. IT CONTAINS A STORM-DRAIN SYSTEM, AS WELL AS A SANITARY SEWER SYSTEM ON THE WEST SIDE OF THE PROPERTY, LEAVING THE PROPERTY ON THE SAME SIDE. THE SITE HAS THREE POINTS-OF-ACCESS: TWO OFF MARTIN DRIVE; AND, ONE FROM THE CVS DRUGSTORE TO THE SOUTH.

2. THE PROPERTY OWNER IS: THE TRINKA DAVIS FOUNDATION, c/o PEACOCK PARTNERSHIP 2000 RIVEREDGE PKWY, SUITE 700, ATLANTA, GEORGIA 30328; PHONE: (404) 214-5200, CONTACT: PAUL REICHERT

3. THE 24-HOUR LOCAL CONTACT PERSON RESPONSIBLE FOR EROSION CONTROL EMERGENCIES IS BRETT CONWAY, (404) 214-5200.

4. TOTAL PROJECT ACRES = 12.073 ac.

5. TOTAL DISTURBED ACRES = 11.34 ac.

6. A 25-FOOT UNDISTURBED BUFFER IS TO BE MAINTAINED ADJACENT TO ALL STREAMS.

7. SEDIMENTATION PONDS ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.

8. ANY DISTURBED AREAS LEFT IDLE FOR FIVE DAYS, AND NOT TO FINAL GRADE, WILL BE STABILIZED WITH MULCH (Ds1). ANY DISTURBED AREAS LEFT IDLE FOR 14 DAYS OR MORE WILL BE STABILIZED WITH TEMPORARY SEEDING (Ds2). ALL AREAS TO FINAL GRADE OR LEFT IDLE FOR 30 DAYS WILL BE STABILIZED WITH PERMANENT VEGETATION (Ds3).

   WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.

   MULCH WILL BE USED AS TEMPORARY COVER (Ds1). ON SLOPES THAT ARE 4:1 OR STEEPER, MULCH WILL BE ANCHORED.

9. ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE TOE OF SLOPE.

10. CONCENTRATED FLOW AREAS AND SLOPES STEEPER THAN 2.5:1, WITH A HEIGHT OF TEN FEET OR GREATER, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

11. THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES, UNDER PENALTY OF LAW, THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.

12. THE RECEIVING WATER(S) IS LAKE CARROLL.

13. THE SITE CONTAINS NO WETLANDS.

14. NO STATE WATERS EXIST WITHIN 200'OF THE PROJECT SITE.

15. SITE ADDRESS: 0 MARTIN DRIVE.
    LAND LOT: 233
    DISTRICT: 5th

16. THE DESIGN PROFESSIONAL WHO PREPARED THIS PLAN WILL INSPECT THE INSTALLATION OF THE PROJECT BMP'S WITHIN 7 DAYS OF THE START OF CONSTRUCTION.

17. THE SOIL EROSION CONTROL MEASURES AND DETAILS AS SHOWN HEREON AND STIPULATED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE SEDIMENT LEAVING THE SITE.

18. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES PRACTICES PRIOR TO, OR CONCURRENTLY WITH, LAND DISTUBING ACTIVITIES.

19. THE CONTRACTOR WILL BE REQUIRED TO INCORPORATE ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES INTO THE PROJECT AT THE EARLIEST PRACTICAL TIME DURING CONSTRUCTION. THE EROSION CONTROL MEASURES DETAILED HEREON SHALL BE CONTINUED UNTIL THE PERMANENT DRAINAGE FACILITIES HAVE BEEN CONSTRUCTED AND UNTIL ALL DISTURBED AREAS HAVE BEEN RE-ESTABLISHED SO AS TO ESTABLISH AN EFFECTIVE EROSION DETERRENT. ALL COLLECTED SEDIMENT REMOVED FROM IMPOUNDMENT AREAS SHALL BE EVENLY DISTRIBUTED AND PERMANENTLY ESTABLISHED.

20. TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 6, SECTION III OF THE MANUAL DESCRIBED IN NOTE #19 ABOVE.

21. EROSION CHECKS SHALL BE CONSTRUCTED AT THE LOCATION AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS, AND SHALL BE CONSTRUCTED BEFORE ANY GRADING IS ACCOMPLISHED WHENEVER POSSIBLE AND AS SOON AS PRACTICAL OTHERWISE. ALL GRADED AREAS, SLOPES, etc., WHICH DRAIN TOWARD THE EROSION CHECK SHALL BE GRASSED OR ESTABLISHED IMMEDIATELY AFTER GRADING. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE INTEGRITY AND EFFECTIVENESS OF ALL EROSION CHECKS UNTIL ALL DISTURBED AREAS ARE RE-ESTABLISHED. THE EXTENTS AND LOCATION OF EROSION CHECKS INDICATED ON THE PLANS IS THE ESTIMATED REQUIREMENT. ADDITIONAL EROSION CHECKS MAY BE NECESSARY DEPENDING ON ACTUAL FIELD CONDITIONS AND SHALL BE INSTALLED AS REQUIRED, OR AS INSTRUCTED BY THE GOVERNING AUTHORITY. WHEN THE PERMANENT DRAINAGE STRUCTURES HAVE BEEN INSTALLED AND ALL DISTURBED AREAS HAVE BEEN RE-ESTABLISHED ADEQUATELY TO BE AN EFFECTIVE EROSION DETERRENT, EROSION CHECKS SHALL BE REMOVED AND ALL BARE SPOTS SHALL BE PERMANENTLY STABILIZED.

22. SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171-TYPE C TEMPORARY SILT FENCE OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 1993 EDITION.

23. EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND REPAIRED BY THE GENERAL CONTRACTOR.

24. ALL EROSION CONTROL MEASURES SHALL CONFORM WITH THE GUIDELINES SET FORTH IN THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA".

25. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.

26. THE ES&PC PLAN IS IN COMPLIANCE WITH WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS DURING AND AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

27. NO WASTE MATERIALS WILL BE DISCHARGED TO WATER OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

28. CRITICAL AREA IDENTIFICATION - THE SITES MOST CRITICAL EROSION CONCERN IS THE PERIMETER DUE TO THE SURROUNDING DENSE DEVELOPMENTS. THE SILT FENCES SURROUNDING THE PROJECT NEED TO BE CHECKED DAILY TO INSURE THEY ARE PROPERLY FUNCTIONING. SEDIMENTATION PONDS ARE TO BE INSTALLED EARLY IN THE PROJECT AND CLEANED AT 1/3 FULL.

29. ALL NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

30. PETROLEUM-BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUEL, LUBRICANTS, AND TARS: WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLES AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, NATURAL DRAINS AND STORMWATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS, AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

    POINT/FINISHES/SOLVENTS: ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO STORMWATER COLLECTION SYSTEM. EXCESS PRODUCT MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURE'S SPECIFICATIONS AND RECOMMENDATIONS.

    CONCRETE TRUCK WASHING: NO CONCRETE TRUCK WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE, OR DRUM-WASH WATER ON SITE.

    FERTILIZER/HERBICIDES: THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURE'S SPECIFICATIONS, OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

    BUILDING MATERIALS: NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ON SITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.

31. ALL SECONDARY PERMITTEES SHALL BE PROVIDED THE APPLICABLE PORTIONS OF THE ES & PC PLAN PRIOR TO THE SECONDARY CONDUCTING ANY CONSTRUCTION ACTIVITY.

32. THE SITE IS TO BE TRANSFERED TO NEW OWNERSHIP ONCE THE DEMOLITION & ENVIRONMENTAL CLEAN UP IS COMPLETED. ALL EROSION CONTROL ITEMS SHOW WILL BE INSTALLED AND MAINTAINED DURING THE DEMOLITION THROUGH NEW CONSTRUCTION BY THE OWNER OF RECORD.

33. ALL AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP's WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

34. THE SITE WILL BE FULLY VEGETATED AFTER ALL DEMOLITION IS COMPLETED. THE EXISTING POND WILL REMAIN TO CONTINUE TO TREAT RUNOFF BEING RELEASED.

35. A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATION.

36. ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELYHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP's MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS, OR SPECIALLY DESIGNED SKID CONTAINERS AROUND THE BASE, TO PREVENT WASTE FROM CONTRIBUTING STORMWATER DISCHARGES. SANITARY SEWER WILL BE PROVIDED BY THE LOCAL JURISDICTION'S WATER AND SEWER DEPARTMENT AT THE COMPLETION OF THE PROJECT.

37. DUE TO THE SITE CONFIGURATION AND EXISTING POND IN CLOSE PROXIMITY, THE Rt IN THE EXISTING POND IS CRITICAL TO INSURE NO SEDIMENT IMPACT TO THE OFFSITE AREAS.

38. DETENTION POND, DETENTION OUTLET STRUCTURES, AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.

39. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.

40. SEDIMENT STORAGE MAINTENANCE-INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING 1/3 FULL VOLUME.

41. THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCE REQUIRES THAT A 50-FOOT BUFFER ADJACENT TO ALL STATE WATERS BE MAINTAINED (ARTICLE 4, SECTION 4.3, PARAGRAPH 15). AN EXCEPTION IS GRANTED TO HOMEOWNERS WHO PERFORM MINOR LAND-DISTURBING ACTIVITIES, SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS, AND MAINTENANCE WORK. (ARTICLE 3, SECTION 3.1, PARAGRAPH3)

42. A 50-FOOT UNDISTURBED BUFFER, AND A 75-FOOT IMPERVIOUS SETBACK IS TO BE MAINTAINED ADJACENT TO ALL STREAMS.

43. PER GA.E.P.D. INFORMATION: NO IMPAIRED STREAM IS LOCATED WITHIN 1 LINEAR-MILE OF THE PROJECT SITE.

44. THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ON SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL-PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

45. THE LIMIT OF 25 NTUs IS DETERMINED BY ADDING THE VALUE FOR STATION #1 + 25 NTUs.

46. ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURED, LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE A WEEK, OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON SITE.

47. ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS's) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAG

48. THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS ES&PC PLAN AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPR ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

49. BMP'S FOR THE REMEDIATION OF ALL PETROLEUM SPILLS AND LEAKS, SOIL CLEANUP, AND CONTROL PRACTICES:
    - LOCAL, STATE, AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE-PERSONNEL.
    - MATERIAL AND EQUIPMENT NECESSARY FOR SPILL-CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST, AND SHALL BE PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
    - SPILL-PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
    - ALL SPILLS WILL BE CLEANED-UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATIONS.
    - FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
    - FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675. THE GEORGIA E.P.D. WILL BE CONTACTED WITHIN 24 HOURS.
    - FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

50. SPILL CLEANUP AND CONTROL PRACTICES:

    A) LOCAL, STATE, AND MANUFACTURE'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED, AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.

    B) MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST, AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.

    C) SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.

    D) ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATIONS.

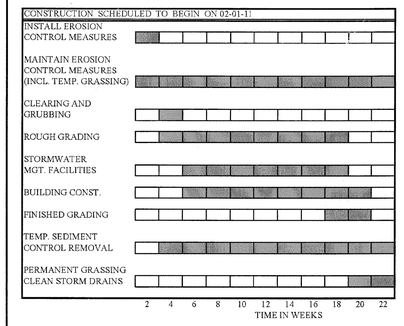
    E) FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.

    F) FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.

    G) FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.

    H) FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

VA Carrollton
Trinka Davis Veterans Village



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.

THE ESCAPE OF SEDIMENT FROM SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND–DISTURBING ACTIVITIES.

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.

THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCE REQUIRES THAT A 50 FOOT BUFFER ADJACENT TO ALL STATE WATERS BE MAINTAINED (ARTICLE 4, SECTION 4.3, PARAGRAPH 15). AN EXCEPTION IS GRANTED TO HOMEOWNERS WHO PERFORM MINOR LAND DISTURBING ACTIVITIES SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS AND MAINTENANCE WORK (ARTICLE 3, SECTION 3.1, PARAGRAPH 3).

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.

MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONIBILITY OF THE PROPERTY CONTRACTOR OR OWNER.

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IT'S THE LAW

OWNER/DEVELOPER: (PRIMARY PERMITTEE)

TRINKA DAVIS FOUNDATION
c/o PEACOCK PARTNERSHIP
2000 RIVEREDGE PKWY, SUITE 700
ATLANTA, GEORGIA 30328
PHONE: (404) 214-5200
CONTACT: PAUL REICHERT

ENGINEER:

URBAN ENGINEERS, INC.
1904 MONROE DRIVE, N.E., STE 100
ATLANTA, GA 30324
PHONE: (404) 873-5874
CONTACT: DANIEL R. WINTERMEYER, P.E

24-hr CONTACT: BRETT CONWAY (404) 214-5200

PROJECT No.	21008-1
LAND LOT(S):	233
DISTRICT:	5th
COUNTY:	CARROLL
SCALE:	N.T.S.

Vegetative Best Management Practices

Bf	Buffer Zone
Cs	Coastal Dune Stabilization
Ds1	Disturbed Area Stabilization (With Mulching Only)
Ds2	Disturbed Area Stabilization (With Temporary Seeding)
Ds3	Disturbed Area Stabilization (With Permanent Vegetation)
Ds4	Disturbed Area Stabilization (With Sodding)
Du	Dust Control on Disturbed Areas
Mb	Erosion Control Matting and Blankets
Pm	Polyacrylamide (PAM)
Sb	Streambank Stabilization (With Permanent Vegetation)
Tb	Tackifiers and Binders
	Major Land Resource Area Map

Structural Best Management Practices

Cd	Check Dam
Ch	Channel Stabilization
Co	Construction Exit
Cr	Construction Road Stabilization
Dc	Stream Diversion Channel
Di	Diversion
Dn1	Temporary Downdrain Structure
Dn2	Permanent Downdrain Structure
Fr	Filter Ring
Ga	Gabion
Gr	Grade Siabilization Structure
Lv	Level Spreader
Rd	Rock Filter Dam
Re	Retaining Wall
Rt	Retrofit
Sd1	Sediment Barrier
Sd2	Inlet Sediment Trap
Sd3	Temporary Sediment Basin
Sr	Temporary Stream Crossing
St	Storm Drain Outlet Protection
Su	Surface Roughening
Tp	Topsoiling
Wt	Vegetated Waterway or Stormwater Conveyance Channel

PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5877 / FAX: (404) 873-5877

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 24629 PROFESSIONAL ENGINEER DANIEL R. WINTERMEYER
CERTIFIED LEVEL II ECO DESIGNER CERT. No. 6968

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) MEP COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No. 2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: EROSION CONTROL PLAN NOTES & DETAILS

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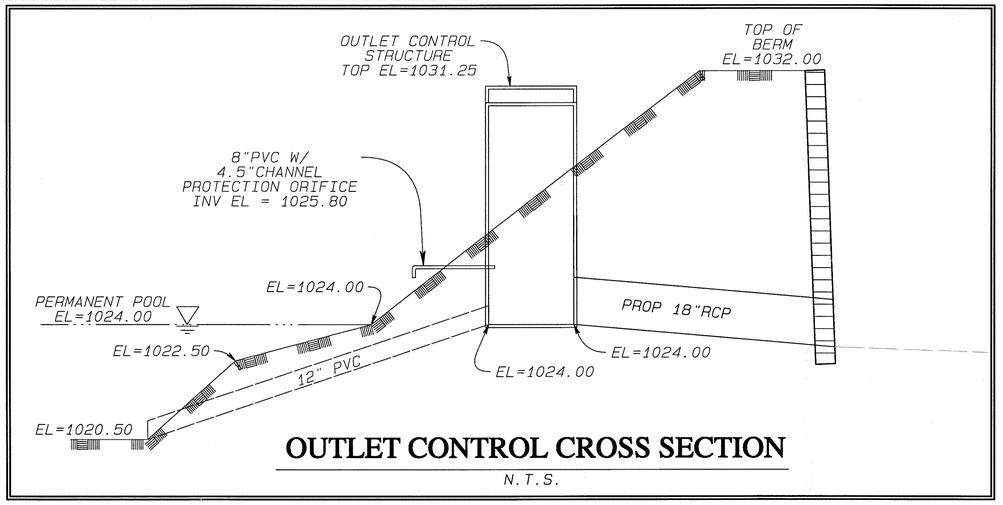

OUTLET CONTROL CROSS SECTION

N.T.S.

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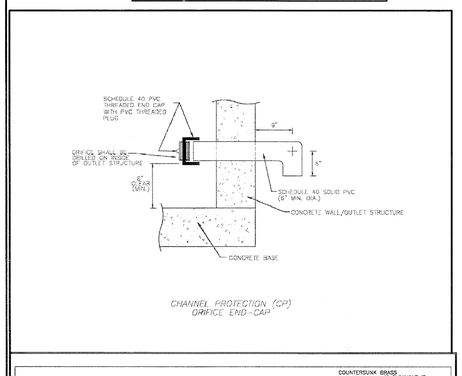

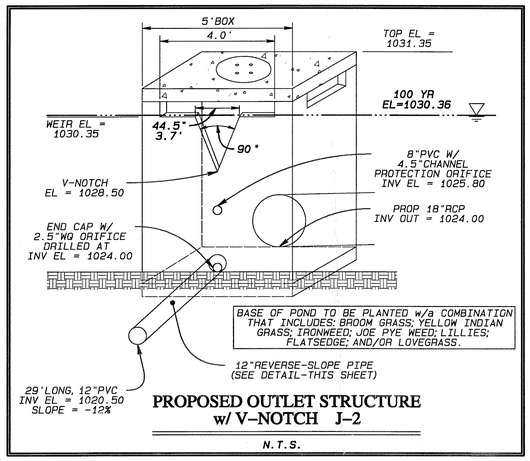

PROPOSED OUTLET STRUCTURE w/ V-NOTCH J-2

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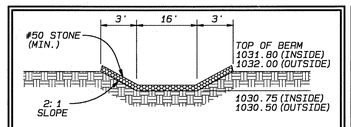

EMERGENCY OVERFLOW

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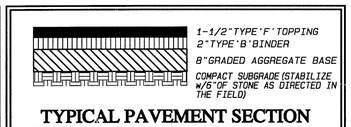
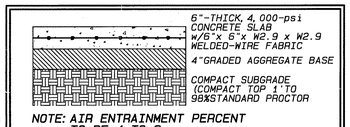


TYPICAL PAVEMENT SECTION

N.T.S.

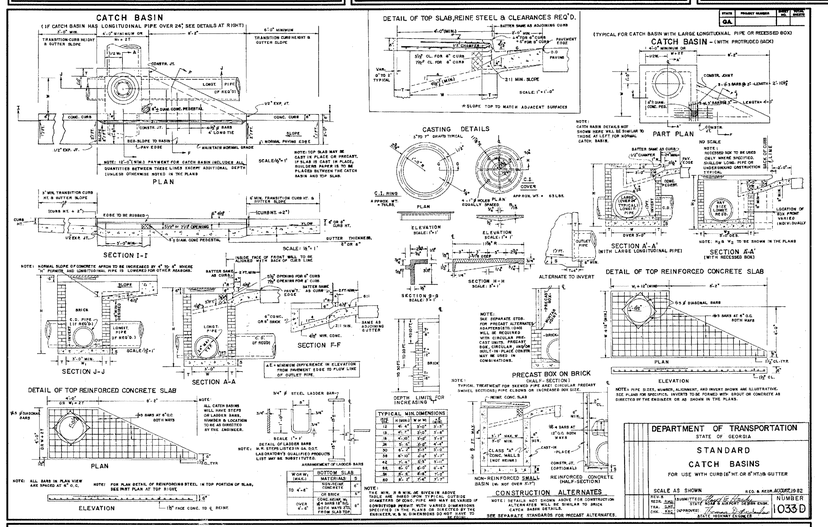
(B) PAVEMENT FOR MARTIN DRIVE

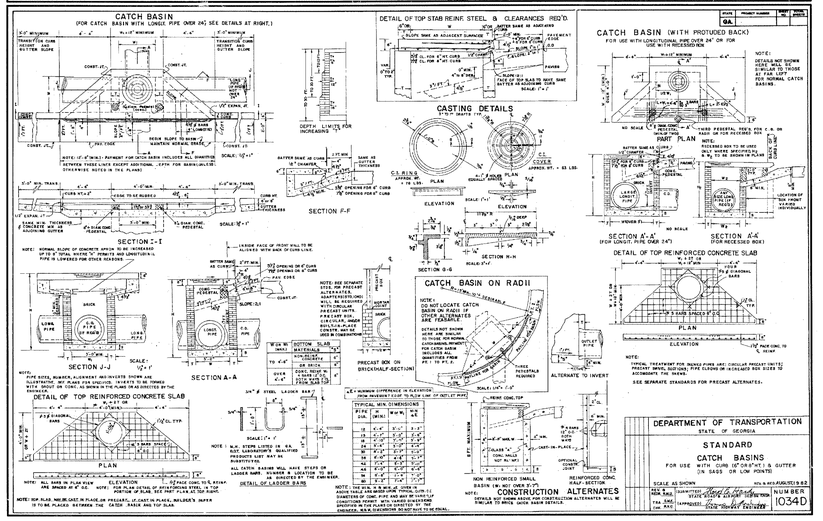


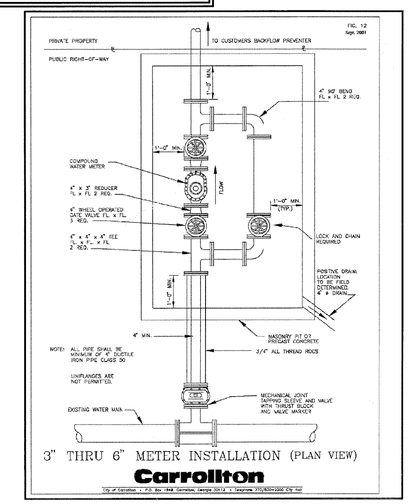
NOTE: AIR ENTRAINMENT PERCENT TO BE 4 TO 6.

CONCRETE PAVING

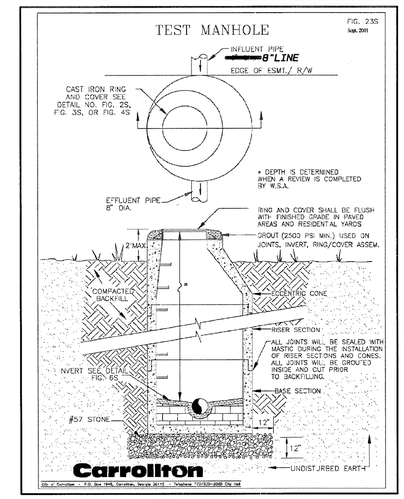
N.T.S.

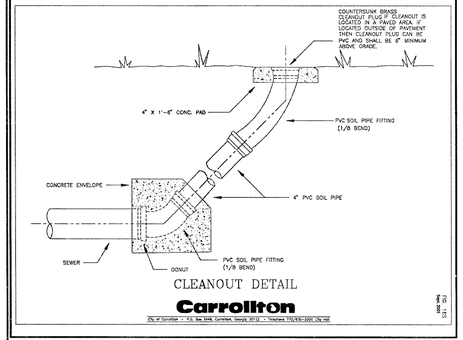




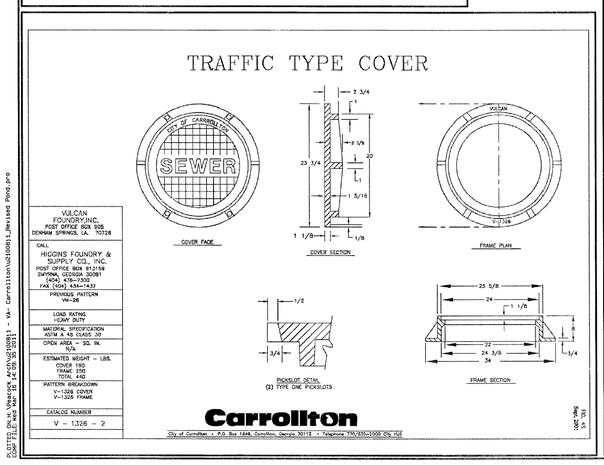


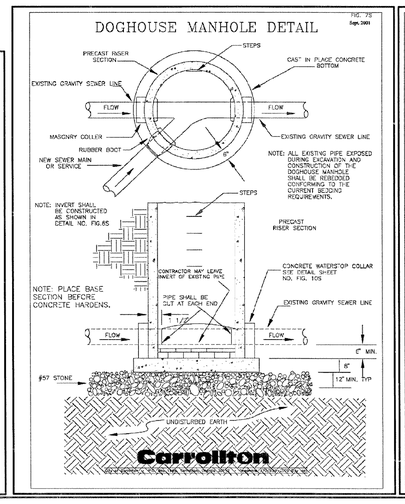
3" THRU 6" METER INSTALLATION (PLAN VIEW)

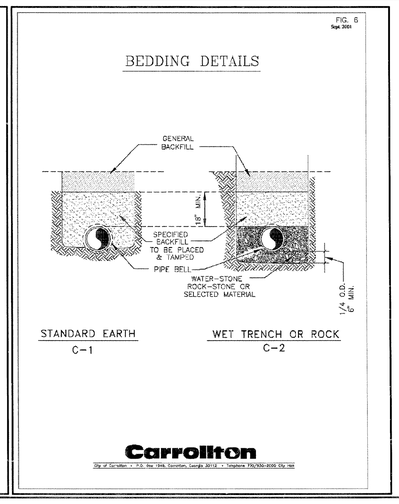




CLEANOUT DETAIL







PEACOCK architects
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404 - 214 - 5200 PHONE
404 - 214 - 5208 FAX

Urban Engineers, Inc.
1904 MONROE DRIVE, N.E., SUITE 100
ATLANTA, GEORGIA 30324
PHONE: (404) 873-5874 / FAX: (404) 873-5877

OWNER/DEVELOPER: (PRIMARY PERMITTEE)

TRINKA DAVIS FOUNDATION
c/o PEACOCK PARTNERSHIP
2000 RIVEREDGE PKWY, SUITE 700
ATLANTA, GEORGIA 30328
PHONE: (404) 214-5200
CONTACT: PAUL REICHERT

ENGINEER:

URBAN ENGINEERS, INC.
1904 MONROE DRIVE, N.E., STE 100
ATLANTA, GA 30324
PHONE: (404) 873-5874
CONTACT: DANIEL R. WINTERMEYER, P.E

24-hr CONTACT:
BRETT CONWAY
(404) 214-5200

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA

GEORGIA REGISTERED No. 26520 PROFESSIONAL ENGINEER DANIEL R. WINTERMEYER

DATE	REVISION
01/24/11	1) ARCHITECTURAL COORDINATION
02/08/11	2) WSA COORDINATION & CITY COMMENTS
02/21/11	3) ARCHITECTURAL COORDINATION
02/25/11	4) ARCHITECTURAL COORDINATION
03/11/11	5) ADDENDUM No. 2

PROJECT NO: 229.01.00
DATE: JANUARY 17, 2011
DRAWING TITLE: DETAILS

C-14

PROJECT No. 21008-1
LAND LOT(S): 233
DISTRICT: 5th
COUNTY: CARROLL
SCALE: N.T.S.

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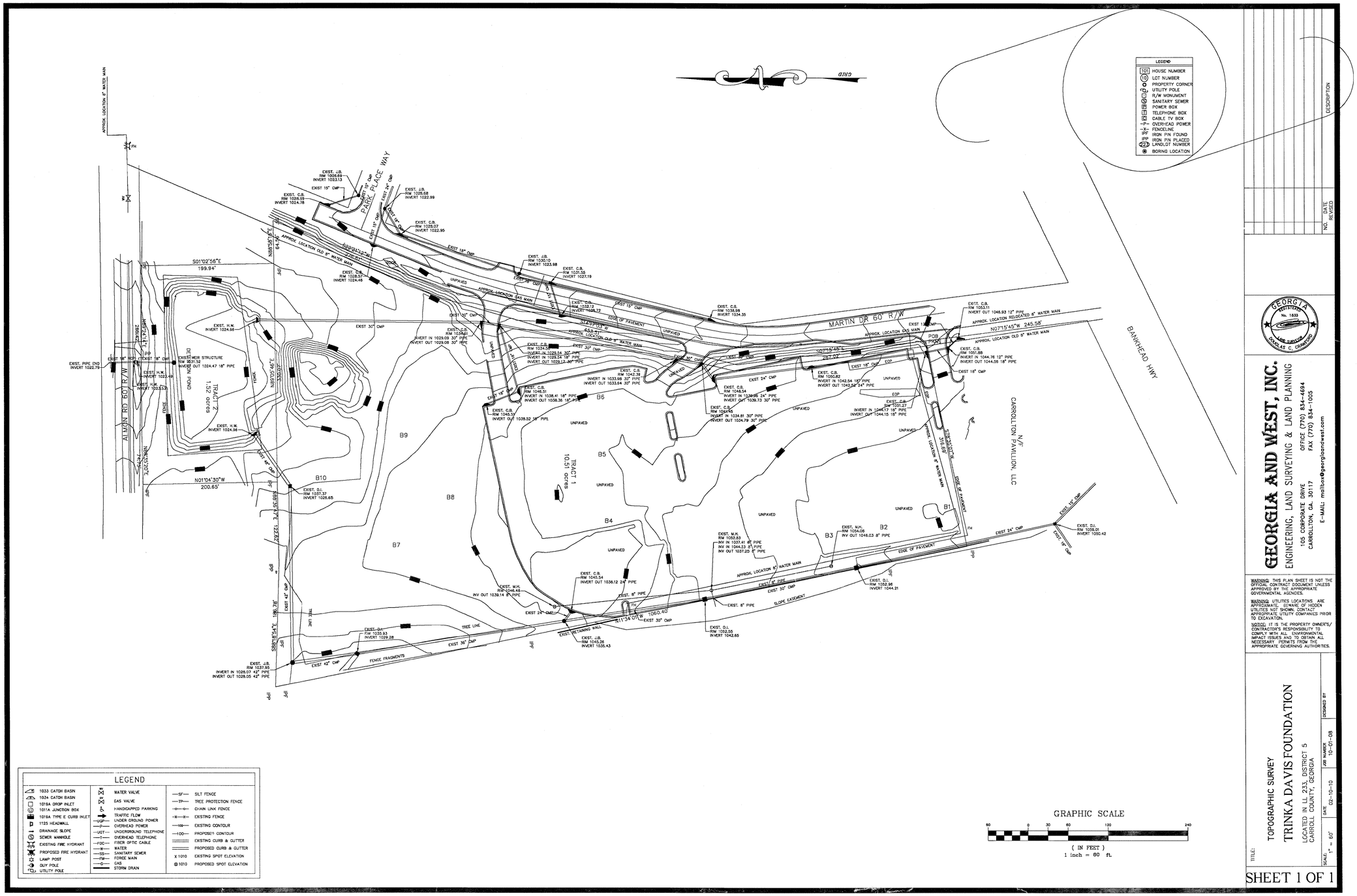
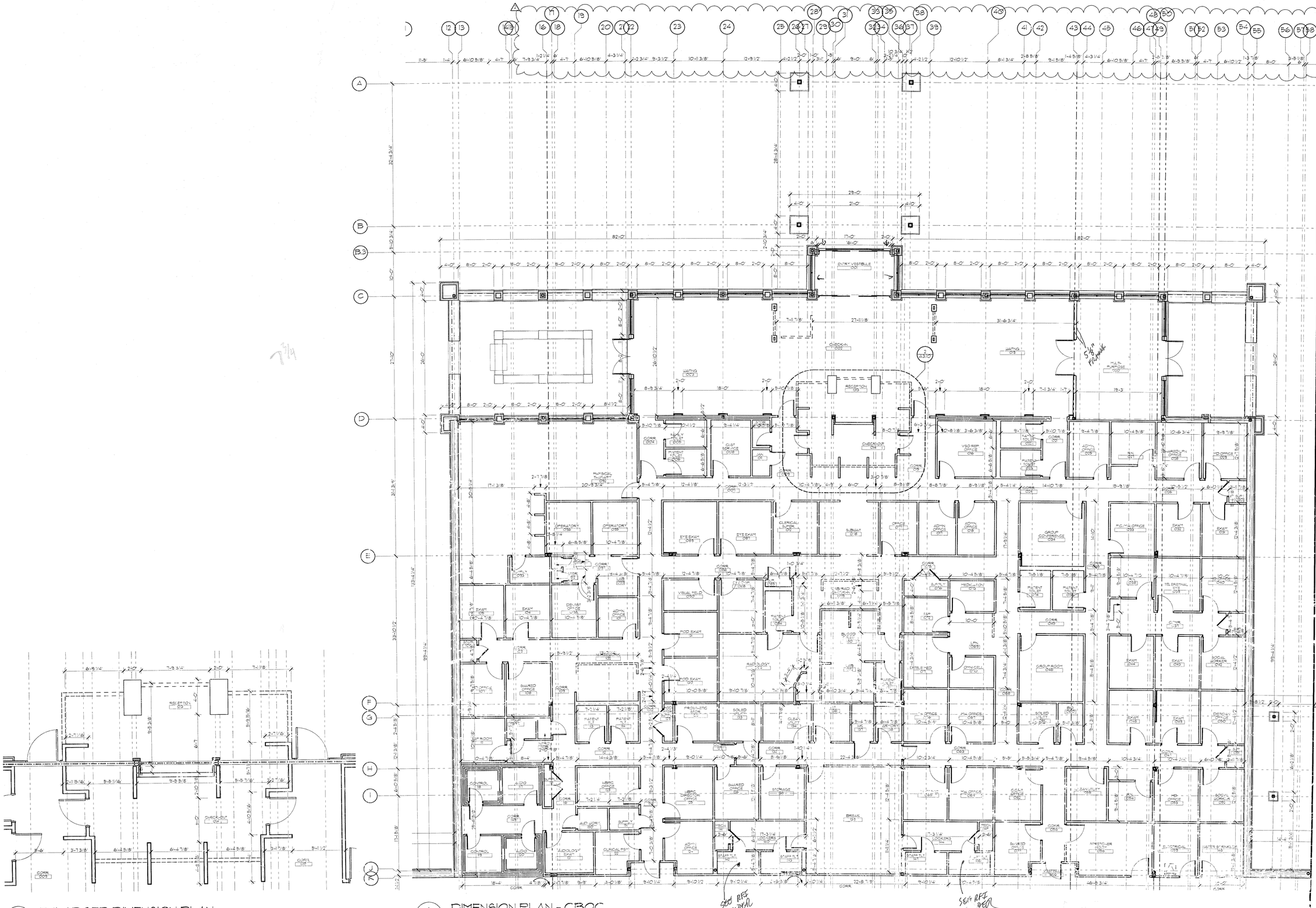
SHEET # OF

PLOTTED ON K:\Projects Active\21008-1 - Va - Carrollton\ca\21008-1_Details Pond.pcp
User: KLEE Wed Mar 16 14:26:39 2011


APPROX. LOCATION 8" WATER MAIN
PARK PLACE WAY
EXIST. J.B. RIM 1026.69 INVERT 1023.13
EXIST 15" CMP
EXIST. C.B. RIM 1026.09 INVERT 1024.78
EXIST. J.B. RIM 1025.68 INVERT 1022.99
EXIST. C.B. RIM 1025.07 INVERT 1022.95
EXIST 18" CMP
EXIST 24" CMP
APPROX. LOCATION OLD 8" WATER MAIN
N88°58'16"E 64.56'
S00°21'42"W 1322.21'
S01°02'56"E 199.94'
EXIST. C.B. RIM 1028.57 INVERT 1024.46
EXIST. C.B. RIM 1031.03 INVERT 1027.19
EXIST. C.B. RIM 1032.12 INVERT 1028.72
EXIST. C.B. RIM 1038.98 INVERT 1034.35
APPROX. LOCATION GAS MAIN
EXIST 30" CMP
EXIST 18" CMP
EDGE OF PAVEMENT
UNPAVED
MARTIN DR 60' R/W
EXIST. C.B. RIM 1033.80 INVERT IN 1029.09 30" PIPE INVERT OUT 1029.09 30" PIPE
EXIST. C.B. RIM 1034.54 INVERT IN 1029.54 30" PIPE INVERT OUT 1029.12 30" PIPE
EXIST. C.B. RIM 1042.39 INVERT IN 1033.89 30" PIPE INVERT OUT 1033.64 30" PIPE
EXIST. C.B. RIM 1046.51 INVERT IN 1038.41 18" PIPE INVERT OUT 1038.38 18" PIPE
EXIST. C.B. RIM 1045.37 INVERT OUT 1038.52 18" PIPE
EXIST. C.B. RIM 1048.84 INVERT IN 1039.95 24" PIPE INVERT OUT 1039.73 30" PIPE
EXIST. C.B. RIM 1050.82 INVERT IN 1042.54 18" PIPE INVERT OUT 1042.54 24" PIPE
EXIST. C.B. RIM 1054.56 INVERT IN 1034.81 30" PIPE INVERT OUT 1034.79 30" PIPE
EXIST. C.B. RIM 1051.07 INVERT IN 1044.17 18" PIPE INVERT OUT 1044.15 18" PIPE
S71°45'48"E 267.02'
N07°15'45"W 245.58'
APPROX. LOCATION RELOCATED 8" WATER MAIN
APPROX. LOCATION OLD 8" WATER MAIN
EXIST. C.B. RIM 1053.11 INVERT OUT 1046.93 12" PIPE
EXIST. C.B. RIM 1051.88 INVERT IN 1044.76 12" PIPE INVERT OUT 1044.39 18" PIPE
EXIST 18" CMP
P29
P30
BANKHEAD HWY
CAROLLTON PAVILION, LLC
S71°45'48"E 516.69'
APPROX. LOCATION 8" WATER MAIN
EDGE OF PAVEMENT
EXIST. 12" CMP
EXIST. 24" CMP
EXIST. 18" CMP
EXIST. D.I. RIM 1059.01 INVERT 1050.42
EXIST. D.I. RIM 1052.86 INVERT 1044.21
EXIST. 8" PIPE
SLOPE EASEMENT
APPROX. LOCATION 8" WATER MAIN
EXIST. 6" PIPE
EXIST. 30" CMP
EXIST. M.H. RIM 1054.08 INV OUT 1046.03 8" PIPE
EXIST. M.H. RIM 1052.93 INV IN 1037.41 8" PIPE INV IN 1044.23 4" PIPE INV OUT 1037.25 8" PIPE
EXIST. C.B. RIM 1045.54 INVERT OUT 1038.12 24" PIPE
EXIST. M.H. RIM=1046.48 INV OUT 1039.14 8" PIPE
N11°34'01"W 1060.40'
EXIST. J.B. RIM 1045.26 INVERT 1035.43
EXIST. D.I. RIM 1030.93 INVERT 1029.28
EXIST. D.I. RIM 1052.56 INVERT 1042.65
EXIST. J.B. RIM 1037.95 INVERT IN 1028.07 42" PIPE INVERT OUT 1028.05 42" PIPE
EXIST. 42" CMP
EXIST. 36" CMP
EXIST. RETAINING WALL
FENCE FRAGMENTS
TREE LINE
S58°05'54"E 198.78'
S58°05'54"E 1222.21' 3.47 AC/S
ALMON RD 60' R/W
EXIST. H.W. INVERT 1024.96
EXIST. H.W. INVERT 1023.49
EXIST. H.W. INVERT 1023.33
EXIST. H.W. INVERT 1024.98
EXIST. MDR STRUCTURE RIM 9631.32 INVERT OUT 1024.47 18" PIPE
EXIST. PIPE END INVERT 1022.79
EXIST 18" RCP
EXIST 18" CMP
EXIST 30" CMP
N01°04'30"W 200.65'
N01°04'30"W 542.43'
N01°15'46"E 330.07'
TRACT 2 1.52 ACRES
TRACT 1 10.31 ACRES
EXIST. D.I. RIM 1037.37 INVERT 1029.65
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
UNPAVED
EXIST 42" CMP
EXIST 24" CMP
EXIST 8" PIPE
EXIST 6" PIPE
EXIST 30" CMP
EXIST 36" CMP
EXIST 42" CMP
EXIST 48" CMP
EXIST 18" CMP
EXIST 12" CMP
EXIST 24" CMP
EXIST 30" CMP
EXIST 36" CMP
EXIST 42" CMP
EXIST 48" CMP
EXIST 54" CMP
EXIST 60" CMP
EXIST 72" CMP
EXIST 84" CMP
EXIST 96" CMP
EXIST 108" CMP
EXIST 120" CMP
EXIST 132" CMP
EXIST 144" CMP
EXIST 156" CMP
EXIST 168" CMP
EXIST 180" CMP
EXIST 192" CMP
EXIST 204" CMP
EXIST



2 / A3.10 ENLARGED DIMENSION PLAN

SCALE: 1/4" = 1'-0"

1 / A3.10 DIMENSION PLAN - CBOC

SCALE: 1/8" = 1'-0"

PEACOCK ARCHITECTS
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERANS VILLAGE

CARROLLTON GA 30117

STATE OF GEORGIA — JAMES D. PEACOCK — REGISTERED ARCHITECT

DATE	REVISION
02/27/11	ISSUE FOR BID
03/11/11	ADDENDUM 2

PROJECT NO: 229.0100

DATE: 02/27/11

DRAWING TITLE: DIMENSION PLAN - CBOC

A3.10

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teamwork://designserver/TDVV DD SET

THE TRINKA DAVIS VETERANS VILLAGE

180 MARTIN DRIVE
CARROLLTON, GEORGIA 30117

MASTER SET
DARRELL

PEACOCK
ARCHITECTS

2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

ISSUE FOR BID

TRINKA DAVIS VETERANS VILLAGE; CARROLLTON, GEORGIA(02.28.11)

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNT	VOLTS	LAMPS	MANUFACTURER	REMARKS
SA	250 WATT METAL HALIDE POLE MOUNTED FIXTURE, HEAVY GAUGE ALUMINUM HOUSING, FINISH PER ARCHITECT, IMPACT RESISTANT TEMPERED GLASS FLAT LENS. NUMBER OF FIXTURES AS SHOWN ON PLAN. BACK LIGHT CONTROL OPTICS	20FT POLE	480V	250W M.H.	GARDCO H19-1-BLC-250PSMH POLE SSS-20	(1)
SB	250 WATT METAL HALIDE POLE MOUNTED FIXTURE, HEAVY GAUGE ALUMINUM HOUSING, FINISH PER ARCHITECT, IMPACT RESISTANT TEMPERED GLASS FLAT LENS. NUMBER OF FIXTURES AS SHOWN ON PLAN. TYPE 3 DISTRIBUTION.	20FT POLE	480V	250W M.H.	GARDCO H19-1-3-250PSMH POLE SSS-20	(1)
SC	250 WATT METAL HALIDE POLE MOUNTED FIXTURE, HEAVY GAUGE ALUMINUM HOUSING, FINISH PER ARCHITECT, IMPACT RESISTANT TEMPERED GLASS FLAT LENS. NUMBER OF FIXTURES AS SHOWN ON PLAN. TYPE 4 DISTRIBUTION.	20FT POLE	480V	250W M.H.	GARDCO H19-1-4-250PSMH POLE SSS-20	(1)
SD	SIGN LIGHT. MOUNTED WITH LENS PARALLEL TO GROUND. FINISH BY ARCHITECT.	SIGN	277V	32W T8	INSIGHT WF5 02 24 SA4 T8 32 4 277	
SE	METAL HALIDE BOLLARD WITH DIE-CAST ALUMINUM HOUSING AND ALUMINUM REFLECTOR. TRANSPARENT GLASS DIFFUSER AND POWDER COAT FINISH. IP65 RATED. U.L. LISTED FOR WET LOCATION. COORDINATE FINISH WITH ARCHITECT.	GROUND	277V	20W HID G8.5	GHIDINI-POLVERSO	

NOTES

(1) REFER TO POLE BASE DETAIL THIS SHEET.

KEYNOTES

(1) PROVIDE (3) 4" SCHEDULE 40 PVC CONDUITS. 42" BFG MINIMUM WITH 36" RADIUS ELLS AT TRANSFORMER PAD. COORDINATE EXACT REQUIREMENTS WITH UTILITY.

(2) SECONDARY CONDUIT AND WIRING PER POWER RISER DIAGRAM.

(3) APPROXIMATE LOCATION OF ELEC ROOM.

(4) PROVIDE (2) 4"C AND (1) 2"C FOR TELEPHONE/CATV SERVICE TO DATA ROOM. COORDINATE EXACT REQUIREMENTS WITH UTILITIES.

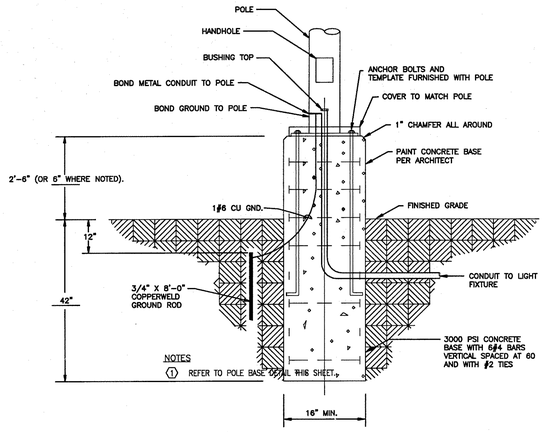
(5) CONCRETE POLE BASE SHALL EXTEND 6" ABOVE GRADE.

(6) MONUMENT SIGN, 120V, 1PH. REFER TO CIVIL PLANS FOR EXACT LOCATION. REFER TO ARCHITECTURAL DETAILS FOR MOUNTING OF LIGHT FIXTURES.

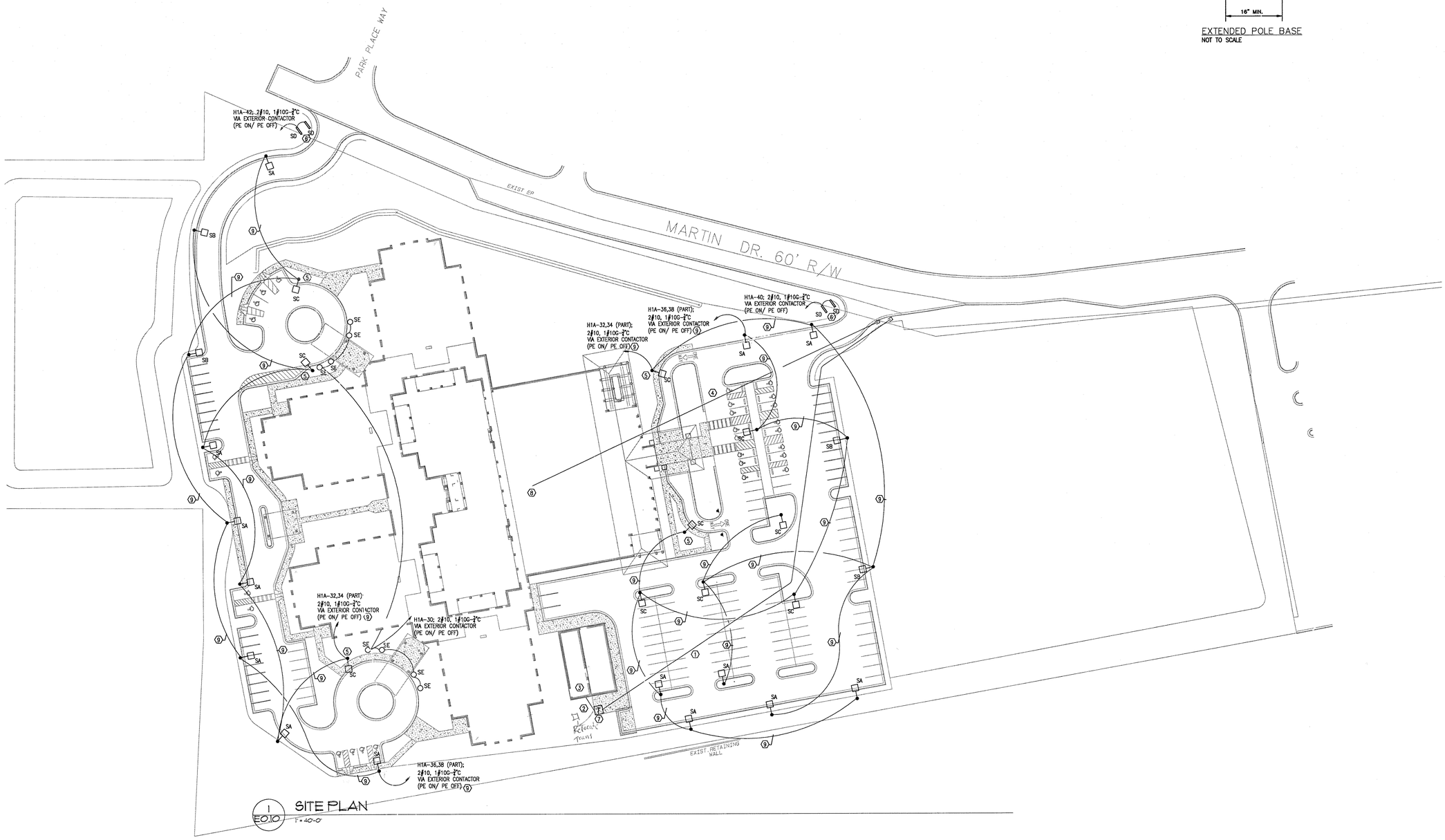
(7) PAD MOUNTED TRANSFORMER, PAD AND TRANSFORMER BY UTILITY. COORDINATE EXACT LOCATION WITH POWER COMPANY.

(8) APPROXIMATE LOCATION OF IT ROOM.

(9) PROVIDE (1) 3/4"C WITH PULLWIRE ALONG WITH LIGHTING CIRCUIT CONDUIT FOR FUTURE CCTV CABLING.



EXTENDED POLE BASE
NOT TO SCALE



1 EO.10 SITE PLAN
1" = 40'-0"

MINICK ENGINEERING, INC.
© 2009
3585 Habersham at Northlake
Tucker, Georgia 30084
TEL (770)-491-7848
FAX (770)-491-7858
210099

PEACOCK ARCHITECTS
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERANS VILLAGE
CARROLLTON, GA 30117

GEORGIA REGISTERED No. 10986 PROFESSIONAL ENGINEER MARK MINICK

DATE	REVISION
9/8/10	SCHEMATIC DESIGN
11/3/10	PROGRESS PRINT
12/14/10	DD REVIEW MEETING
2/14/11	PROGRESS PRINT
2/21/11	ISSUED FOR BID

PROJECT NO: 229.01.00
DATE: FEB 21TH, 2011
DRAWING TITLE: SITE PLAN

EO.10

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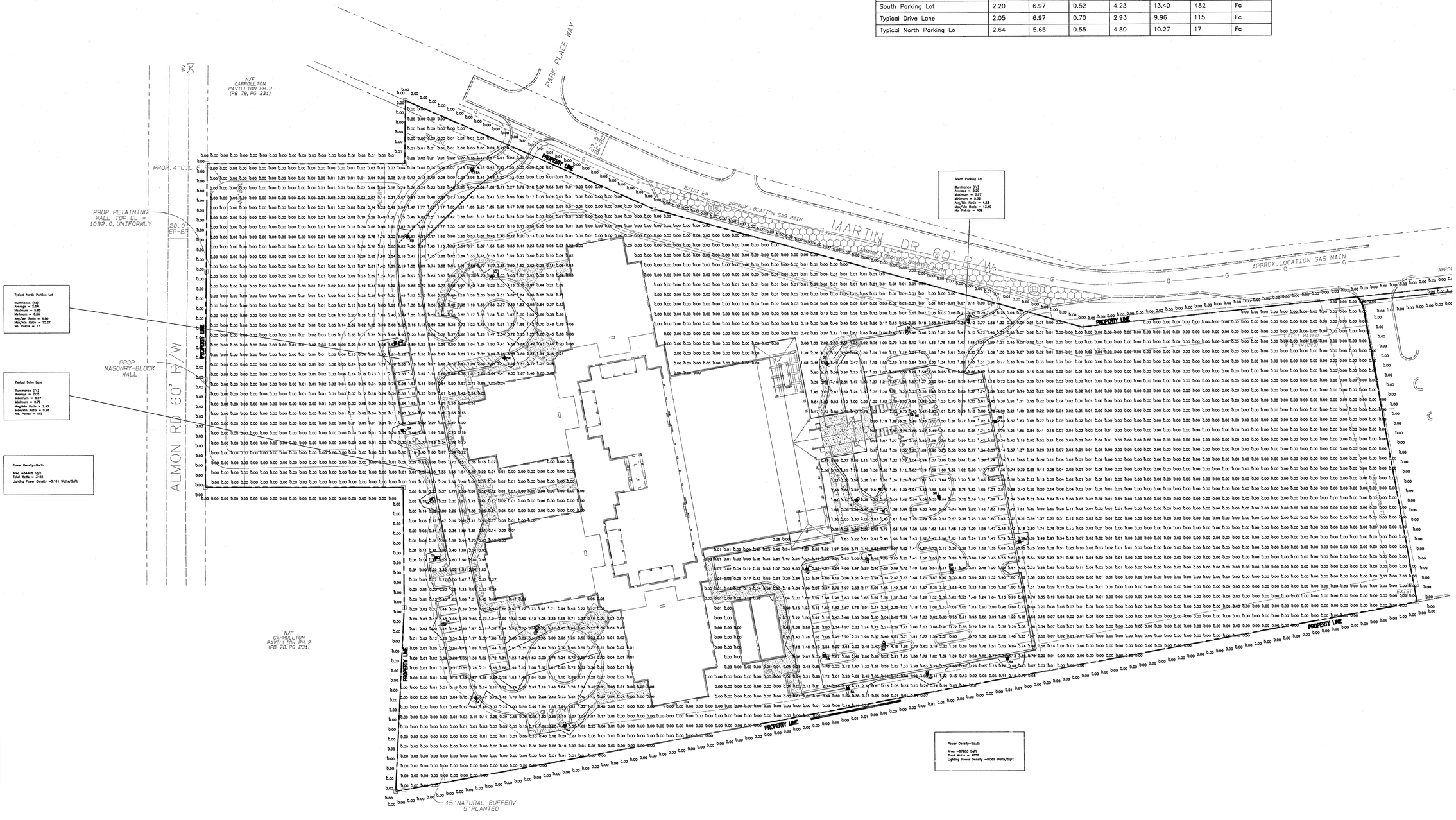
3585 Habersham at Northlake
Tucker, Georgia 30084
TEL (770)-491-7848
FAX (770)-491-7858
210099

Numeric Summary							
Project: Trinka Davis							
Label	Avg	Max	Min	Avg/Min	Max/Min	# Pts	Units
10' Beyond Property Line	0.00	0.01	0.00	N.A.	N.A.	396	Fc
Property_Wall_Total	0.00	0.08	0.00	N.A.	N.A.	6762	Fc

Statistical Area Summary							
Project: Trinka Davis							
Label	Avg	Max	Min	Avg/Min	Max/Min	# Pts	Units
South Parking Lot	2.20	6.97	0.52	4.23	13.40	482	Fc
Typical Drive Lane	2.05	6.97	0.70	2.93	9.96	115	Fc
Typical North Parking Lo	2.64	5.65	0.55	4.80	10.27	17	Fc



1 E0.10 SITE LIGHTING CALCULATIONS
1" = 40'-0"

PEACOCK ARCHITECTS
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERAN'S VILLAGE
CARROLLTON, GA 30117

GEORGIA REGISTERED No. 10986 PROFESSIONAL ENGINEER MARK MINNIX

DATE	REVISION
9/15/10	SCHEMATIC DESIGN
11/3/10	PROGRESS PRINT
12/14/10	DD REVIEW MEETING
2/14/11	PROGRESS PRINT
2/21/11	ISSUED FOR BID

PROJECT NO: 229.01.00
DATE: FEB 21TH, 2011
DRAWING TITLE: SITE LIGHTING CALCULATIONS

E0.20

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MINICK ENGINEERING, INC.
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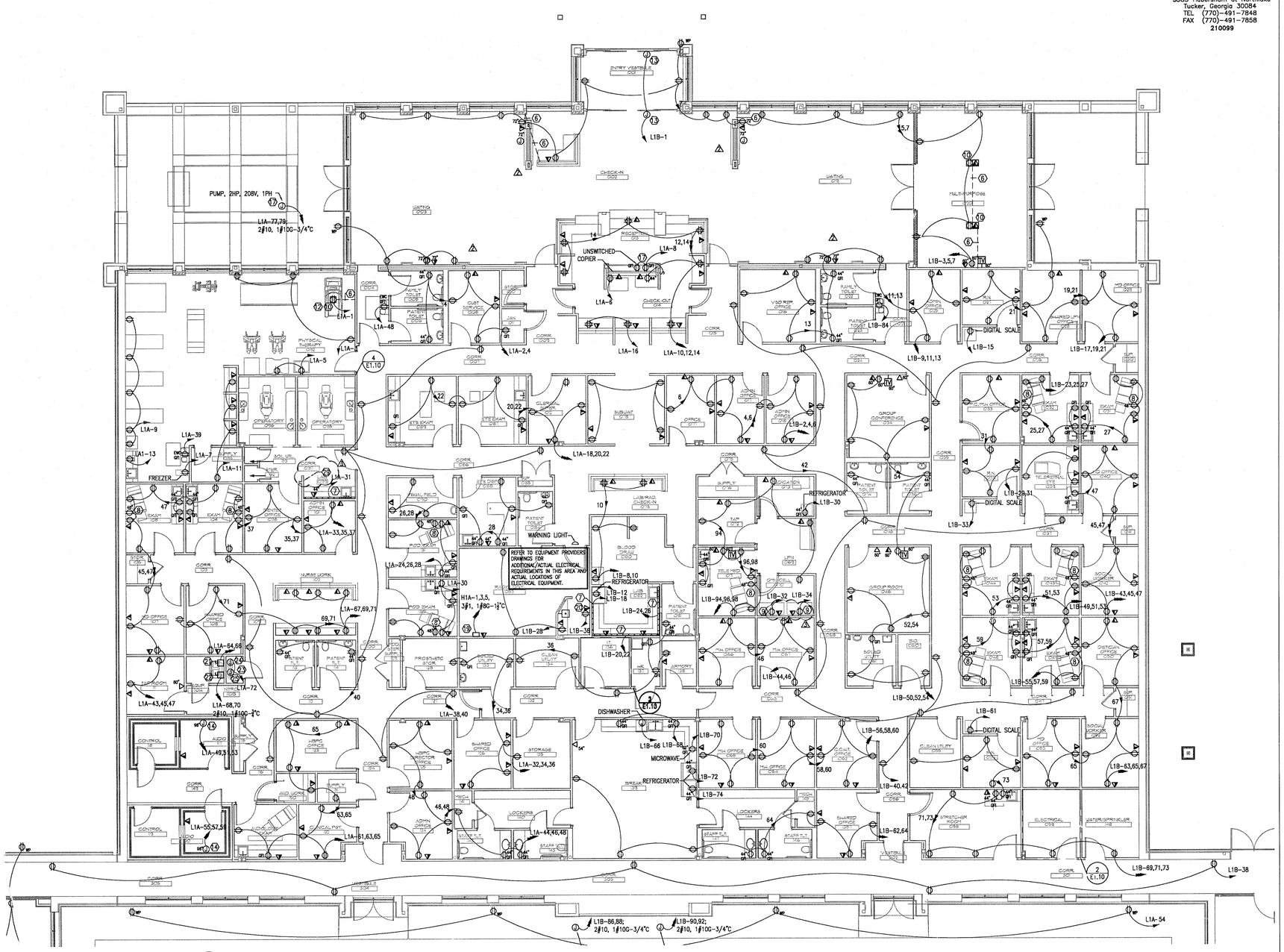
3585 Habersham at Northlake
Tucker, Georgia 30084
TEL (770)-491-7848
FAX (770)-491-7858
210099

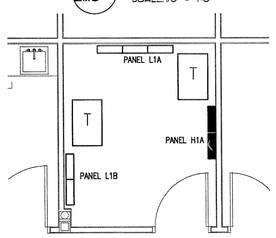
PEACOCK ARCHITECTS
2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

KEYNOTES:

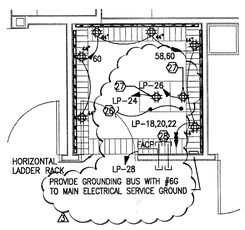
1. DENTAL UNIT, 120V, 1PH, 10A. INSTALL RIGID OR FLEX CONDUIT WITH CONNECTOR TO FLUSH MOUNTED FLOOR OUTLET. COORDINATE LOCATION WITH EQUIPMENT DRAWINGS.
2. DENTAL OPERATING LIGHT; 120V. COORDINATE WITH EQUIPMENT DRAWINGS FOR EXACT LOCATION AND LIGHT MANUFACTURER.
3. JUNCTION BOX FOR X-RAY EQUIPMENT, 120V, 16A. REFER TO EQUIPMENT DRAWINGS FOR MOUNTING HEIGHT AND LOCATION. COORDINATE WITH MANUFACTURER'S SPECIFICATIONS FOR EXACT REQUIREMENTS.
4. NOT USED.
5. X-RAY REMOTE EXPOSURE STATION. RUN ¾"C CONTINOUS RUN WITH PULLWIRE FROM EACH REMOTE EXPOSURE STATION TO X-RAY CONTROL. ELECTRICIAN TO PROVIDE SWITCH BOX AND BALNK PLATE 60" AFF; LEAVE 2 FEET OF SLACK WIRE. DO NOT CONNECT TO POWER SOURCE. REFER TO MANUFACTURER'S SPECIFICATIONS FOR EXACT REQUIREMENTS. COORDINATE WITH EQUIPMENT SUPPLIER DRAWINGS FOR LOCATION.
6. DATA/TELEPHONE/CATV/POWER CONDUIT(S) TO BE WITHIN SLAB. COORDINATE EXACT REQUIREMENTS IN FIELD. CUT AND PATCH EXISTING SLAB AS REQUIRED.
7. NONMETALLIC SURFACE MOUNTED RACEWAY MOUNTED ABOVE BACKSPLASH. PROVIDE WIREMOLD NM2000 (OR APPROVED EQUAL) WITH DEVICES AS INDICATED AND ALL REQUIRED ACCESSORIES/ MOUNTING HARDWARE FOR A PROPER OPERATION. VERTICAL FEED SHALL BE ROUTED CONCEALED WITHIN WALL. REFER TO ARCHITECTURAL DETAILS FOR EXACT LOCATION.
8. OTOSCOPE/OPTHALMOSCOPE; 120V, 1PH. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
9. OMNI-CELL MACHINE; 120V, 1PH.
10. FLOOR BOXES IN THE TILE/CARPET AREA TO BE WIREMOLD WALKER "RFB4-C1-1" OR APPROVED EQUAL. FLOOR BOX SHALL BE FOUR-GANG, CAST IRON WITH ALL REQUIRED DEVICES AND ACCESSORIES FOR A PROPER INSTALLATION. PROVIDE WITH FLANGED ACTIVATION KIT (COLOR/FINISH PER ARCHITECT) WITH TILE/CARPET INSERT. PROVIDE (2) 1"C WITH PULLWIRE FROM COMPUTER/TELEPHONE OUTLET BELOW SLAB TO ABOVE ACCESSIBLE CEILING. COORDINATE FLOOR TYPE WITH ARCHITECT. VERIFY EXACT LOCATION/DIMENSIONS IN WRITING WITH INTERIOR DESIGNER PRIOR TO INSTALLATION.
11. NOT USED.
12. RECEPTACLE SHALL BE DUPLEX NEMA 5-20 WITH DEDICATED NEUTRAL FOR FITNESS EQUIPMENT.
13. AUTOMATIC DOORS; 120V, 1PH. COORDINATE EXACT REQUIREMENTS WITH DOOR SUPPLIER.
14. PROVIDE JUNCTION BOX FOR AUDIO BOOTH. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
15. CRASH CART; 1.0KW (ASSUMED); 120V, 1PH
16. PROVIDE ¾"C FROM TV OUTLET TO JUNCTION BOX FOR PILLOW SPEAKERS.
17. WATER FEATURE; 120V, 1PH. COORDINATE LOCATION OF DEVICES AND SWITCH WITH EQUIPMENT SUPPLIER.
18. SWITCH FOR FIREPLACE, COORDINATE LOCATION WITH ARCHITECT.
19. X-RAY; 480V, 3PH, PROVIDE 70A-3P RECESSED ENCLOSED CIRCUIT BREAKER. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
20. IMAGINING UNIT; 120V, 1PH. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER.
21. VACUUM PUMP, 208V, 1PH, 1HP (2) CONNECTIONS. INSTALL 18" ABOVE FLOOR, FINAL CONNECTION BY ELECTRICIANS. PROVIDE (2) BUCK-BOOST TRANSFORMERS LOCATED AT CEILING PER EQUIPMENT PROVIDER. REFER TO MANUFACTURERS SPECIFICATIONS FOR EXACT REQUIREMENTS.
22. AIR COMPRESSOR, 208V, 1PH, 30A, 30/30AF/2. INSTALL 24" ABOVE FLOOR. REFER TO MANUFACTURER'S SPECIFICATIONS FOR EXACT REQUIREMENTS.
23. MOUNT ALL JUNCTION BOXES, RECEPTACLES, ETC. THIS ROOM 5'-0" AFF TO BOTTOM.
24. MEDICAL GAS MANIFOLD, 120V, 1PH. APPROXIMATELY 84" AFF. COORDINATE EXACT MOUNTING HEIGHT AND REQUIREMENTS WITH EQUIPMENT SUPPLIER.
25. WATER FILTER MANIFOLD, 120V, 1PH. COORDINATE EXACT MOUNTING HEIGHT AND REQUIREMENTS WITH EQUIPMENT SUPPLIER.
26. PROVIDE #6 GROUND BETWEEN CABINETS...THEN TO GROUND BUS.
27. PROVIDE AND INSTALL 120V, 20A/1P TWISTLOCK DEVICE IN BOTTOM OF RACK. COORDINATE EXACT NEMA TYPE AND LOCATION WITH IT PRIOR TO INSTALLATION.
28. PROVIDE AND INSTALL (2) 4" EMPTY CONDUIT SLEEVES FOR TELEPHONE/DATA CABLING.
29. PROVIDE AND INSTALL (1) 1" EMPTY CONDUIT WITH PULLSTRING FROM REMOTE SWITCH PANEL TO WATER FILTERS LOCATED IN "EQUIPMENT ROOM 110A". COORDINATE EXACT ROUTING OF CONDUIT IN FIELD AND EXACT LOCATION OF REMOTE SWITCH PANEL WITH MANUFACTURER PRIOR TO INSTALLATION.



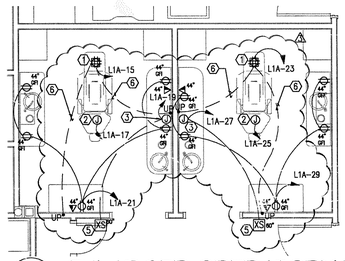
1 E1.10 POWER PLAN - CBOC
SCALE: 1/8" = 1'-0"



2 E1.10 ENLARGED ELEC RM PLAN
SCALE: 1/4" = 1'-0"



3 E1.10 ENLARGED IT RM PLAN
SCALE: 1/4" = 1'-0"



4 E1.10 ENLARGED OPERATORY ROOM PLANS
SCALE: 1/4" = 1'-0"

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3/11/11	ADDENDUM 2
3/18/11	ADDENDUM 3

PROJECT NO: 229.01.00
DATE: FEB 21TH 2011
DRAWING TITLE: POWER PLAN - CBOC

E1.10

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KEYNOTES:

1. DENTAL UNIT, 120V, 1PH, 10A. INSTALL RIGID OR FLEX CONDUIT WITH CONNECTOR TO FLUSH MOUNTED FLOOR OUTLET. COORDINATE LOCATION WITH EQUIPMENT DRAWINGS.
2. DENTAL OPERATING LIGHT; 120V. COORDINATE WITH EQUIPMENT DRAWINGS FOR EXACT LOCATION AND LIGHT MANUFACTURER.
3. JUNCTION BOX FOR X-RAY EQUIPMENT, 120V, 16A. REFER TO EQUIPMENT DRAWINGS FOR MOUNTING HEIGHT AND LOCATION. COORDINATE WITH MANUFACTURER'S SPECIFICATIONS FOR EXACT REQUIREMENTS.
4. NOT USED.
5. X-RAY REMOTE EXPOSURE STATION. RUN ¾"C CONTINOUS RUN WITH PULLWIRE FROM EACH REMOTE EXPOSURE STATION TO X-RAY CONTROL. ELECTRICAN TO PROVIDE SWITCH BOX AND BALNK PLATE 60" AFF, LEAVE 2 FEET OF SLACK WIRE. DO NOT CONNECT TO POWER SOURCE. REFER TO MANUFACTURER'S SPECIFICATIONS FOR EXACT REQUIREMENTS. COORDINATE WITH EQUIPMENT SUPPLIER DRAWINGS FOR LOCATION.
6. DATA/TELEPHONE/CATV/POWER CONDUIT(S) TO BE WITHIN SLAB. COORDINATE EXACT REQUIREMENTS IN FIELD. CUT AND PATCH EXISTING SLAB AS REQUIRED.
7. NONMETALLIC SURFACE MOUNTED RACEWAY MOUNTED ABOVE BACKSPLASH. PROVIDE WIREMOLD NM2000 (OR APPROVED EQUAL) WITH DEVICES AS INDICATED AND ALL REQUIRED ACCESSORIES/ MOUNTING HARDWARE FOR A PROPER OPERATION. VERTICAL FEED SHALL BE ROUTED CONCEALED WITHIN WALL. REFER TO ARCHITECTURAL DETAILS FOR EXACT LOCATION.
8. OTOSCOPE/OPTHALMOSCOPE; 120V, 1PH. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
9. OMNI-CELL MACHINE; 120V, 1PH. 18" AFF.
10. FLOOR BOXES IN THE TILE/CARPET AREA TO BE WIREMOLD WALKER "RFB4-C1-1" OR APPROVED EQUAL. FLOOR BOX SHALL BE FOUR-GANG, CAST IRON WITH ALL REQUIRED DEVICES AND ACCESSORIES FOR A PROPER INSTALLATION. PROVIDE WITH FLANGED ACTIVATION KIT (COLOR/FINISH PER ARCHITECT) WITH TILE/CARPET INSERT. PROVIDE (2) 1"C WITH PULLWIRE FROM COMPUTER/TELEPHONE OUTLET BELOW SLAB TO ABOVE ACCESSIBLE CEILING. COORDINATE FLOOR TYPE WITH ARCHITECT. VERIFY EXACT LOCATION/DIMENSIONS IN WRITING WITH INTERIOR DESIGNER PRIOR TO INSTALLATION.
11. NOT USED.
12. RECEPTACLE SHALL BE DUPLEX NEMA 5-20 WITH DEDICATED NEUTRAL FOR FITNESS EQUIPMENT.
13. AUTOMATIC DOORS; 120V, 1PH. COORDINATE EXACT REQUIREMENTS WITH DOOR SUPPLIER.
14. PROVIDE JUNCTION BOX FOR AUDIO BOOTH. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
15. CRASH CART; 1.0KW (ASSUMED); 120V, 1PH
16. PROVIDE ¾"C FROM TV OUTLET TO JUNCTION BOX FOR PILLOW SPEAKERS.
17. WATER FEATURE; 120V, 1PH. COORDINATE LOCATION OF DEVICES AND SWITCH WITH EQUIPMENT SUPPLIER.
18. SWITCH FOR FIREPLACE, COORDINATE LOCATION WITH ARCHITECT.
19. X-RAY; 480V, 3PH, PROVIDE 70A-3P RECESSED ENCLOSED CIRCUIT BREAKER. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
20. IMAGINING UNIT; 120V, 1PH. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER.
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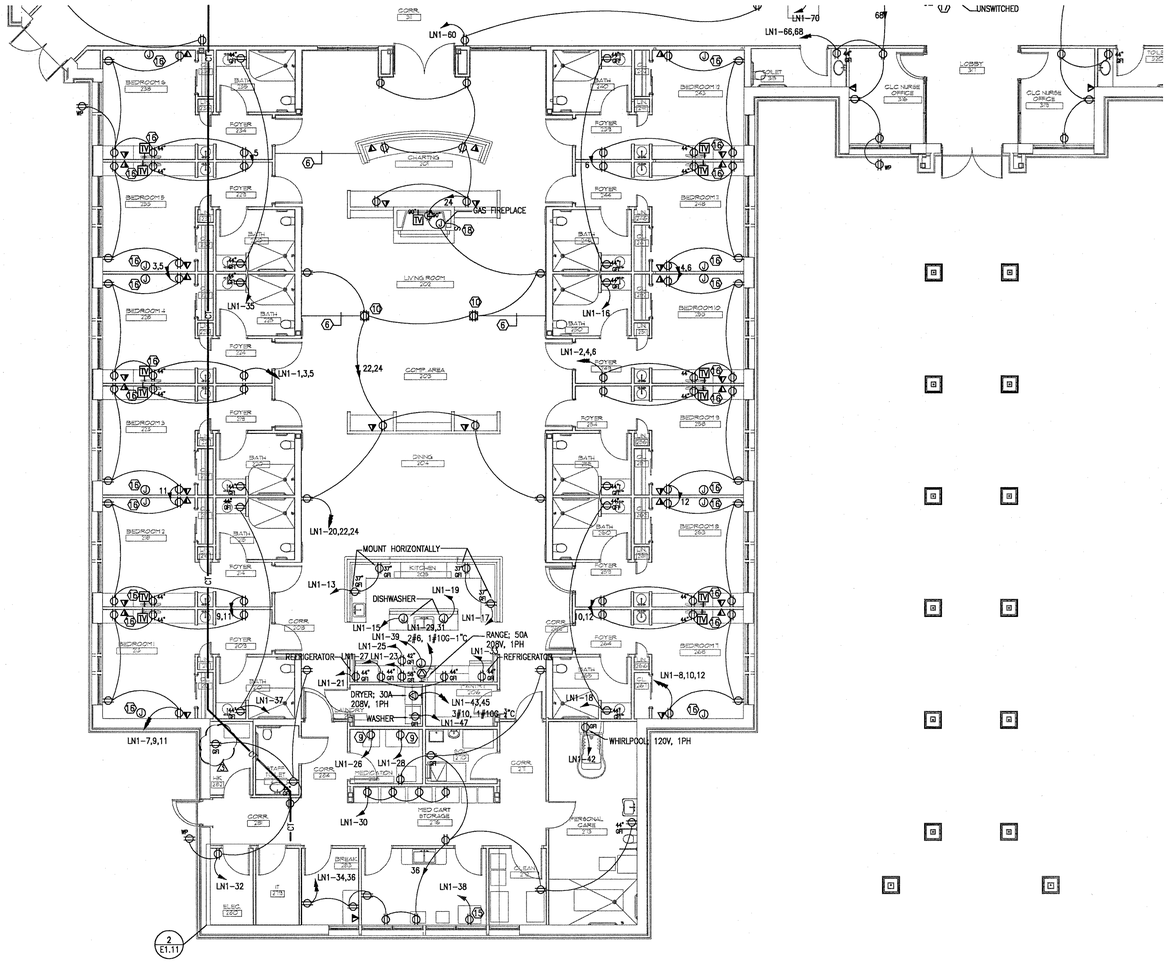
NOTE:

PLAN INDICATED IS FOR CLC 'A'. CLC'S 'B', 'C', AND 'D' ARE SIMILAR. PANEL INDICATIONS FOR CLC'S 'B', 'C', AND 'D' ARE:

CLC 'B'
HN1 = HN2
LN1 = LN2

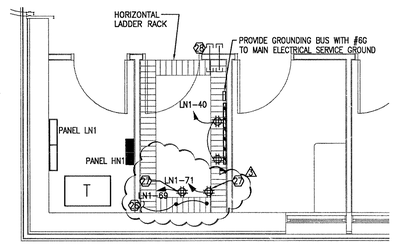
CLC 'C'
HN1 = HE
LN1 = LE

CLC 'D'
HN1 = HW
LN1 = LW



1 E1.11 POWER PLAN - CLC

SCALE: 1/8" = 1'-0"



2 E1.11 ENLARGED ELEC RM PLAN

SCALE: 1/4" = 1'-0"

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2000 RIVEREDGE PARKWAY
SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERANS VILLAGE

CARROLLTON, GA 30117

GEORGIA REGISTERED No. 19986 PROFESSIONAL ENGINEER MARK MINICK

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2/21/11	ISSUED FOR BID
3/18/11	ADDENDUM 3

PROJECT NO: 229.01.00

DATE: FEB 21TH, 2011

DRAWING TITLE: POWER PLAN - CLC

E1.11

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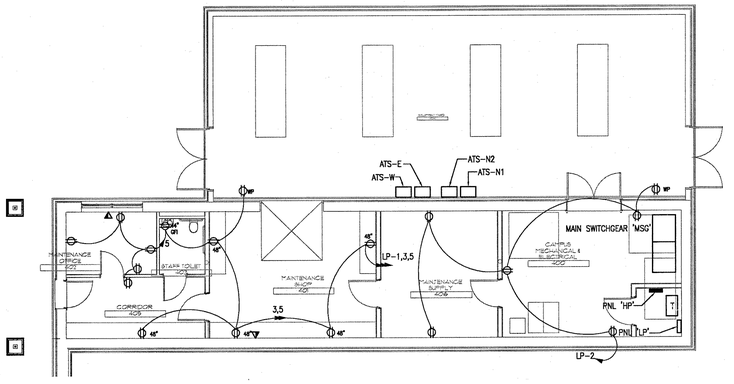
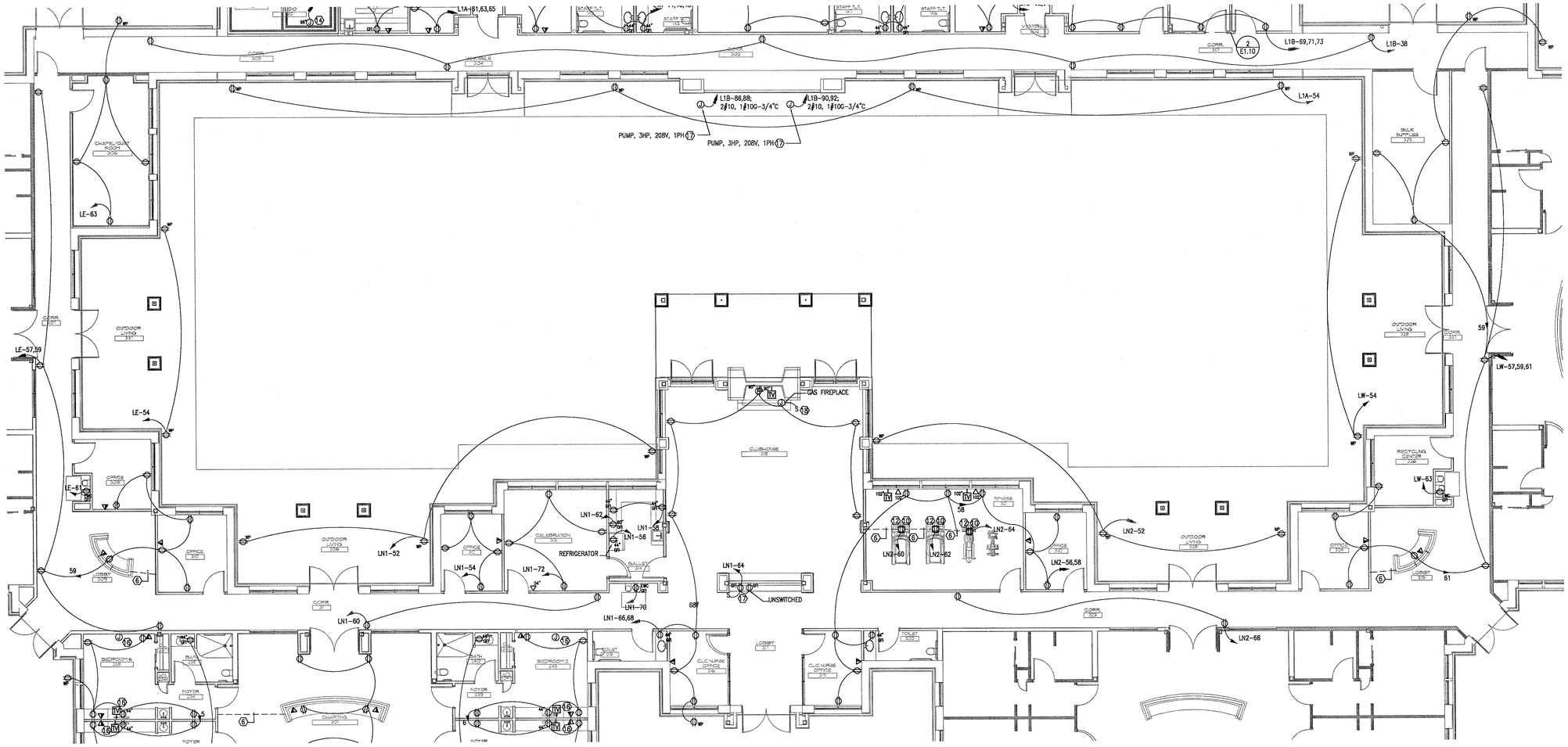


1 E1.12 POWER PLAN - PHYSICAL PLANT

SCALE: 1/8" = 1'-0"



2 E1.12 POWER PLAN - COMMON AREA

SCALE: 1/8" = 1'-0"

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SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

TRINKA DAVIS VETERANS VILLAGE
CARROLLTON GA 30117

GEORGIA REGISTERED No. 10986 PROFESSIONAL ENGINEER MARK MINICK

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2/14/11	PROGRESS PRINT
2/21/11	ISSUED FOR BID
3/4/11	ADDENDUM #1
3/18/11	ADDENDUM 3

PROJECT NO: 229.01.00

DATE: FEB 21TH 2011

DRAWING TITLE: POWER PLAN - COMMON AREA & PHYSICAL PLAN

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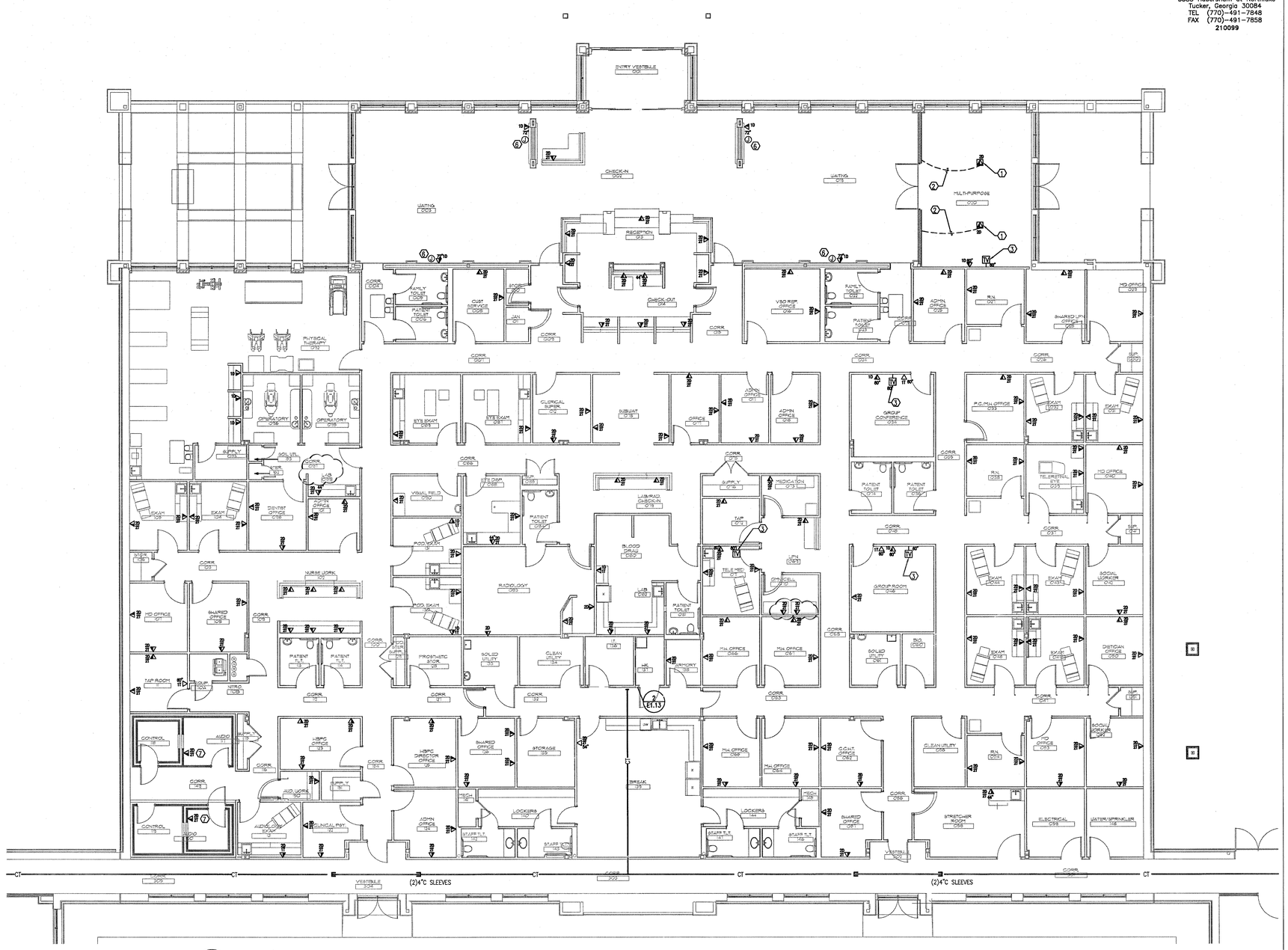
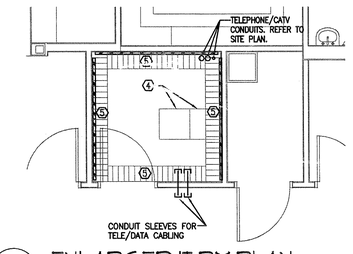
KEYNOTES:

1. MOUNT DEVICE IN FLOOR BOX. REFER TO POWER PLAN.
2. DATA/TELEPHONE/CATV/POWER CONDUIT(S) TO BE WITHIN SLAB. COORDINATE EXACT REQUIREMENTS IN FIELD.
3. COORDINATE MOUNTING HEIGHT AND LOCATION OF CATV DEVICES WITH ARCHITECT/OWNER.
4. MODULAR FREESTANDING CABINET.
5. HORIZONTAL LADDER RACK ABOVE.
6. PROVIDE RG6 CABLING TO IT ROOM.
7. COORDINATE LOCATION WITH AUDIO BOOTH SUPPLIER.



1 E1.13 LOW VOLTAGE SYSTEMS PLAN - CBOC

SCALE: 1/8" = 1'-0"



2 E1.13 ENLARGED IT RM PLAN

SCALE: 1/4" = 1'-0"

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SUITE SEVEN HUNDRED
ATLANTA GEORGIA 30328
404-214-5200 PHONE
404-214-5208 FAX

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CARROLLTON, GA 30117

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3/18/11	ADDENDUM 3

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229.01.00

DATE:
FEB 21TH, 2011

DRAWING TITLE:
LOW VOLTAGE SYSTEMS PLAN - CBOC

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KEYNOTES:

1. MOUNT DEVICE IN FLOOR BOX. REFER TO POWER PLAN.
2. DATA/TELEPHONE/CATV/POWER CONDUIT(S) TO BE WITHIN SLAB. COORDINATE EXACT REQUIREMENTS IN FIELD.
3. COORDINATE MOUNTING HEIGHT AND LOCATION OF CATV DEVICES WITH ARCHITECT/OWNER.
4. MODULAR FREESTANDING CABINET.
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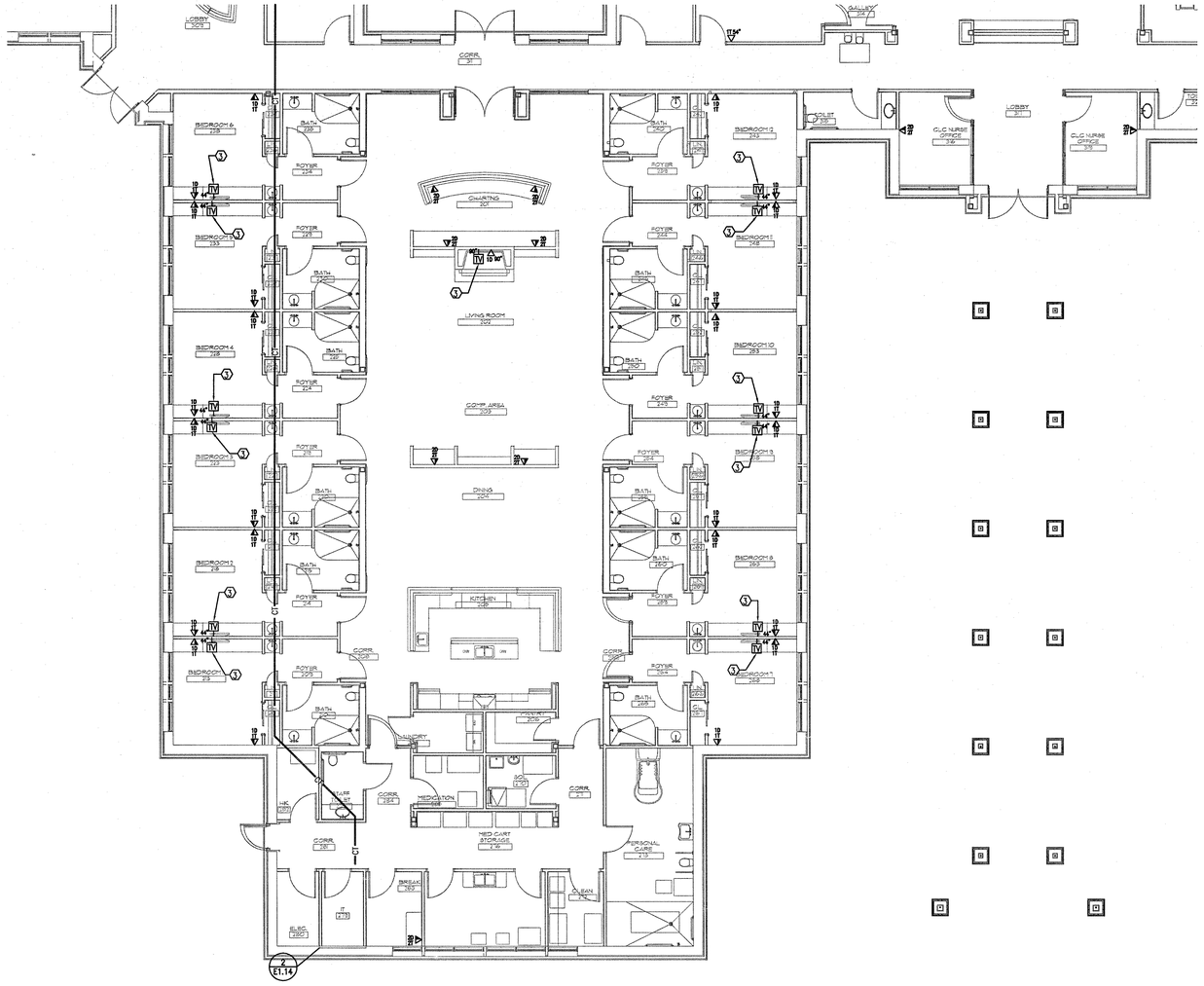
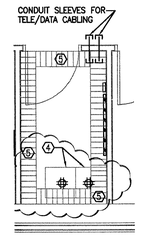


1 E1.14 LOW VOLTAGE SYSTEMS PLAN - CLC

SCALE: 1/8" = 1'-0"



2 E1.14 ENLARGED ELEC RM PLAN

SCALE: 1/4" = 1'-0"

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3/18/11	ADDENDUM 3

PROJECT NO:
229.01.00

DATE:
FEB 21TH 2011

DRAWING TITLE:
LOW VOLTAGE SYSTEMS PLAN - CLC

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