

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

Using vegetation to cover for erosion and to protect it from erosion. Vegetative stabilization operations are used to promote the development of vegetation on exposed soil. When soil is stabilized with vegetation, it is less likely to erode and more likely to absorb precipitation. Temporary seeding is used to stabilize soil until permanent vegetation is established and ready for maintenance.

The vegetation shall be used on eroded areas to stabilize soil and to protect it from erosion. The vegetation shall be used on eroded areas to stabilize soil and to protect it from erosion. The vegetation shall be used on eroded areas to stabilize soil and to protect it from erosion.

- Site Preparation: Clearing, grubbing, and site preparation shall be completed before seeding. The site shall be graded to the proposed grade and the soil shall be tested for fertility.
- Seeding: The seed shall be applied to the soil in a uniform manner. The seed shall be applied to the soil in a uniform manner. The seed shall be applied to the soil in a uniform manner.
- Maintenance: The site shall be maintained until the vegetation is established. The site shall be maintained until the vegetation is established. The site shall be maintained until the vegetation is established.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL EROSION AND SEDIMENT CONTROL MEASURES PER THIS PLAN (1 DAY).
- CONSTRUCT BUILDING A (90 DAYS).
- RAZE EXISTING STRUCTURES (10 DAYS).
- REMOVE SEDIMENT AND EROSION CONTROL MEASURES AS PERMITTED BY E/S INSPECTOR (1 DAY).

NOTE: THIS PLAN IS SUBJECT TO VP 81-31 DATED OCTOBER 16, 1980 FOR AN EXTENSION OF TIME TO ALLOW FOR THE RECORDATION OF FINAL PLAT F80 150. THIS PLAN IS SUBJECT TO BA 80-15 DATED SEPTEMBER 10, 1980 TO REDUCE THE 150' RESIDENTIAL SETBACK TO 50' IN AN M-1 ZONING DISTRICT.



PURPOSE STATEMENT
THE PURPOSE OF THIS REVISION TO THE SITE DEVELOPMENT PLAN, SDP-00-050, HARWOOD INDUSTRIAL PARK, IS TO ADD A CELLULAR COMMUNICATIONS TOWER AND EQUIPMENT COMPOUND.

APPROVED: DEPARTMENT OF PLANNING & ZONING
 Chief, Division of Land Development: *[Signature]* 4/13/12
 Chief, Development Engineering Division: *[Signature]* 4/13/12
 Director, Department of Planning & Zoning: *[Signature]* 4/13/12

TAI
 ENGINEERS, MANAGERS, TECHNICAL SERVICES
 11155 Clarksburg Boulevard, Suite 210
 Clarksburg, MD 21713
 Phone: 410-386-3100 Fax: 410-386-3100

DATE	DESCRIPTION
05/07/12	BRL UPDATED, CO. SIGNATURE BLOCK ADDED
04/02/12	REVISED PER COUNTY COMMENTS
1/26/12	CELLULAR COMMUNICATIONS TOWER RED-LINE
04-04-01	REV. LOCATION OF PROPOSED STORAGE BUILDING, ADD CHAIN LINK
11-10-00	REV. LOCATION OF PROP. STORAGE BUILD.



PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
 1. SOIL AMENDMENTS: APPLY 500 LBS. PER ACRE OF 10-10-10 FERTILIZER OR 100 LBS. OF 10-20-20 FERTILIZER.
 2. SEEDING: APPLY 1 TO 2 TONS PER ACRE OF 90 LBS./1,000 SQ.FT. OF MIXED SEEDS (50% BERMUDA GRASS, 50% CRYSTAL BERMUDA GRASS) TO 2 INCHES DEEP.

1. VORON VORON FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO VORON VORON FENCE WITH 2" SPACED EVERY 6" AT TOP AND 12" SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND RELEASED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS SHOWN WHEN "BLAGES" DEVELOP IN THE FENCE.

CONSTRUCTION NOTES FOR PAPERBUILT SILT FENCE

1. OBTAIN GRADING PERMIT.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES PER THIS PLAN (1 DAY).
3. CONSTRUCT BUILDING B (90 DAYS).
4. RAZE EXISTING STRUCTURES (10 DAYS).
5. REMOVE SEDIMENT AND EROSION CONTROL MEASURES AS PERMITTED BY E/S INSPECTOR (1 DAY).

NOTE: BUILDING B IS FOR STORAGE OF CONSTRUCTION MATERIALS ONLY. ANY CHANGE IN USE MUST COMPLY WITH CURRENT ZONING REGULATIONS. NO PARKING IS REQUIRED IN THE USE OF THIS BUILDING. REQUIRE COMPLIANCE WITH THE APPLICABLE PARKING REQUIREMENTS OF SECTION 2B.2 OF THE ZONING REGULATIONS.

21.0 STANDARD AND SPEC. FOR TOPSOIL FOR SITES HAVING DISTURBED AREA UNDER 500.
 PLACE TOPSOIL (IF REQUIRED) APPLY SOIL AMENDMENTS AS SPECIFIED IN 12.0 VEGETATIVE STABILIZATION SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

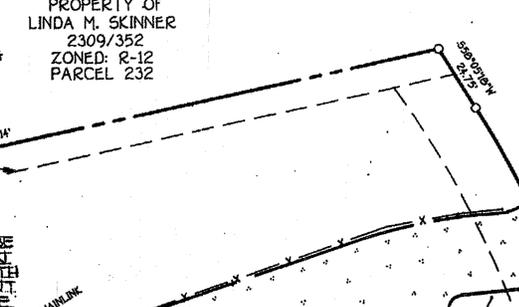
NOTES FROM ORIGINAL SDP (MOVED) WITHIN 30 DAYS FROM THE CONSTRUCTION COMPLETION DATE OF BUILDING:
 1. THE TWO EXISTING EASTERN BUILDINGS TO BE RAZED OR REMOVED.
 2. A RAZING INSPECTION REPORT THAT VERIFIES THE REMOVAL/RAZING OF THE TWO EXISTING STRUCTURES MUST BE SUBMITTED TO DIVISION OF LAND DEVELOPMENT.

ENGINEER'S CERTIFICATE
 I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Conservation District.
 Signature of Engineer: *[Signature]* Date: 3-27-00

DEVELOPER'S CERTIFICATE
 I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will be Certified or Attendants of a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard County Conservation District.
 Signature of Developer: *[Signature]* Date: 3-27-00

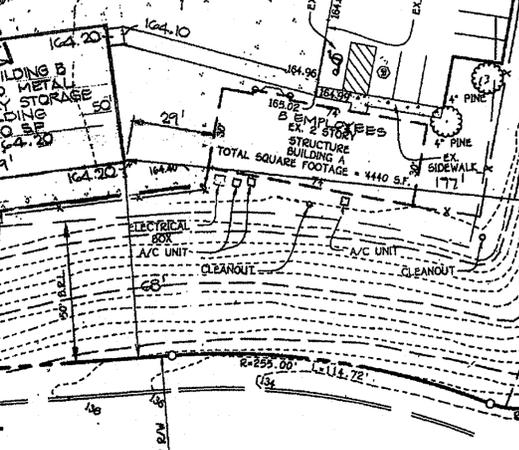
TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED WITH A SHORT-TERM VEGETATIVE COVER IN WATERSHED.
 1. SEEDING: APPLY 1 TO 2 TONS PER ACRE OF 90 LBS./1,000 SQ.FT. OF MIXED SEEDS (50% BERMUDA GRASS, 50% CRYSTAL BERMUDA GRASS) TO 2 INCHES DEEP.



TYPICAL BUILDING PROFILE

PROPERTY OF LINDA M. SKINNER
 2309/352
 ZONED: R-12
 PARCEL 232



NOTE: THIS PLAN IS SUBJECT TO WP 92-58 DATED OCTOBER 3, 1991 NOT REQUIRING SUBMISSION OF A NEW SITE PLAN FOR A 1400 SF STORAGE BUILDING.

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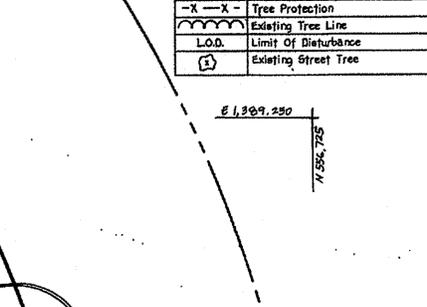
REVISIONS
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ENGINEER'S CERTIFICATE
 Reviewed for HOWARD COUNTY and meets Technical Requirements
 Signature of Engineer: *[Signature]* Date: 4/13/12

DEVELOPER'S CERTIFICATE
 Signature of Developer: *[Signature]* Date: 4/13/12

LEGEND

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
• 624	Spot Elevation
-6F-6F	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
---	Proposed Walkway
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
---	Existing Street Tree



GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT 48 HOURS PRIOR TO AT LEAST 48 HOURS PRIOR TO THE START OF WORK.
2. THE CONTRACTOR SHALL NOTIFY "6666 UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
3. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES 775-13, S.D.P. 81-22, AA CASE 91-22, W 92-53, BA CASE 80-15, 10-20-150.
4. TOPOGRAPHIC SURVEY WAS PERFORMED BY FISHER COLLINS AND CARTER ON OR ABOUT AUGUST, 1999.
5. HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS.
6. ANY DAMAGE TO THE COUNTY RIGHT OF WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
7. STORMWATER MANAGEMENT IS NOT REQUIRED. LIMITS OF DISTURBANCE IS LESS THAN 5000 SF.
8. THERE IS NO FLOODPLAIN ON THIS SITE.
9. THERE ARE NO METADONS ON THIS SITE.
10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLANS M.S.A. STANDARDS AND SPECIFICATIONS IF APPLICABLE.
11. TRAFFIC CONTROL DEVICES, WARNING AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
12. ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
13. SITE ANALYSIS DATA:
 A. TOTAL AREA OF PROJECT: 5.82 AC.
 B. TOTAL AREA OF DISTURBANCE: 0.6 AC.
 C. PRESENT ZONING: M-1
 D. PROPOSED USE FOR SITE AND STRUCTURES: OFFICE AND WAREHOUSE FOR BUILDING COMPANY.
14. ALL OUTDOOR LIGHTING SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF ZONING REGULATION SECTION 13A.

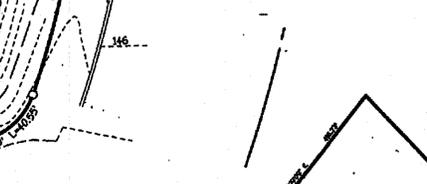
SEDIMENT CONTROL NOTES

FOR BUILDING A
 PARKING REQUIREMENTS:
 HYBRID INDUSTRIAL/OFFICE SPACE, BUILDING 160 FEET OR LESS.
 2.5 SPACES PER 1000 SF.
 4440 SF. = 12 SPACES REQ.
 1 HOCP ACCESSIBLE.

SPACES PROVIDED:
 15 STANDARD
 1 HOCP ACCESSIBLE.

THIS PLAN IS EXEMPT FROM FOREST CONSERVATION PLANS BASED ON SUBSTITUTE 12 SEC. 16-1202 (b) (1) (iii) DEVELOPMENT WHICH HAS SITE PLAN APPROVAL PRIOR TO DECEMBER 31, 1992.

SQUARE FOOTAGE PER EACH FLOOR: 2220 SF. (BUILDING A)



NOTE: THIS PLAN IS SUBJECT TO AA CASE 91-22 DATED DECEMBER 20, 1991 REDUCING THE REQUIRED 150' BUILDING SETBACK LINE FROM ANY RESIDENT DISTRICT OTHER THAN A PUBLIC STREET RIGHT-OF-WAY TO 136' FOR THE PROPOSED 1400 SF STORAGE BUILDING.

SHEET INDEX

SHEET No.	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	LANDSCAPING PLAN, CELL TOWER NOTES/DETAILS

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ENGINEER'S CERTIFICATE
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 Signature of Engineer: *[Signature]* Date: 4/13/12

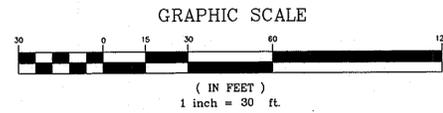
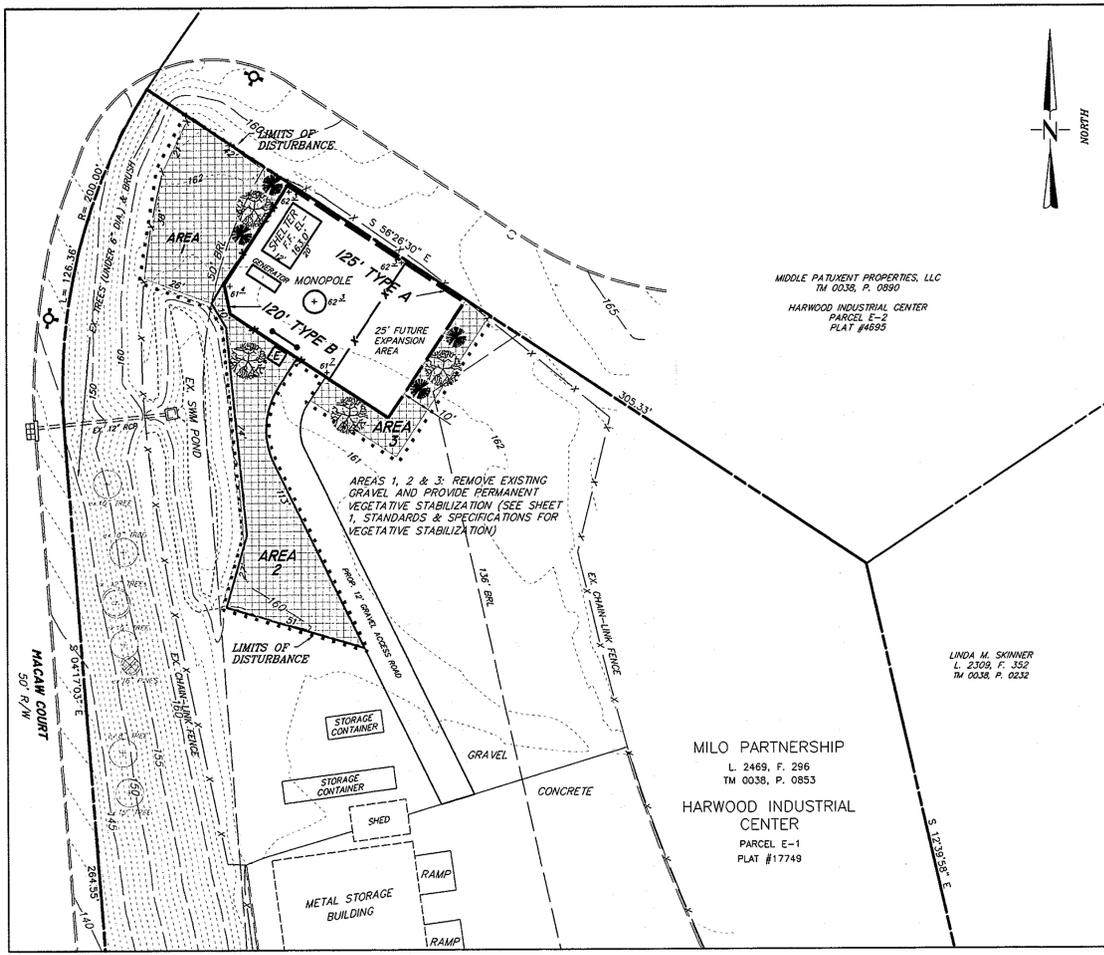
DEVELOPER'S CERTIFICATE
 I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will be Certified or Attendants of a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard County Conservation District.
 Signature of Developer: *[Signature]* Date: 4/13/12

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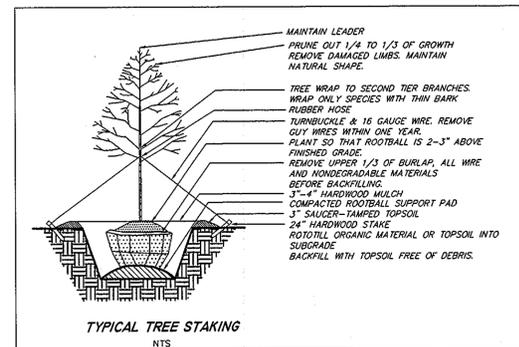
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REQUIRED LANDSCAPING:
(FROM TABLE 1, PERIMETER LANDSCAPING TYPES - BASED ON ADJACENT LAND USE)
TYPE B LANDSCAPING BUFFER ALONG TWO SIDES FACING MACAW COURT
TYPE A LANDSCAPING BUFFER ALONG OTHER TWO SIDES.

TYPE A = 1 SHADE TREE/60LF = 125LF/60 = 2 SHADE TREES REQUIRED
1 SHADE TREE & 2 EVERGREEN TREES PROVIDED.
(2:1 SUBSTITUTION)
TYPE B = 1 SHADE TREE/50LF & 1 EVERGREEN/40LF
120/50 = 2 SHADE TREES REQUIRED; 120/40 = 3 EVERGREEN TREES REQUIRED.
3 SHADE TREES & 2 EVERGREEN TREES PROVIDED



GRAVEL REMOVAL AREA CALCULATION
12' WIDE GRAVEL ACCESS DRIVE - 2,038 SQ. FT.
COMPOUND - 2,468 SQ. FT.
TOTAL GRAVEL AREA FOR CELL TOWER USE - 4,506 SQ. FT.
GRAVEL REMOVAL AREAS
AREA 1 - 1,928 SQ. FT.
AREA 2 - 2,328 SQ. FT.
AREA 3 - 865 SQ. FT.
TOTAL GRAVEL REMOVAL AREA - 5,121 SQ. FT.

SPECIFICATIONS FOR PLANTING
Plant Identification - All plants shall be properly marked for identification and checking.
List of Plant Material - The Contractor shall furnish, and plant, all plants required to complete the work as shown on the drawings. Substitutions shall not be made without the written approval of TAI Engineers and the owner.
Plant Quality - All shrubs shall be dense, heavy to the ground, and well grown, showing evidence of having been pruned regularly and shall be vigorous, healthy and of good color. All plants shall be sound, free of plant disease, infestation, or insect eggs and shall have a healthy, normal root system. Plants shall be freshly dug and not heeled-in stock, nor stock from cold storage. All plants shall be nursery grown. Plants shall not be pruned prior to delivery. The shape of the plant shall, in general, conform to its natural growth proportions unless otherwise specified. All plants, including container grown, shall conform to the branching, caliper and height specifications of the American Association of Nurserymen's Publication entitled American Standard for Nursery Stock, ANSIZ60.1-1990 or latest edition, and shall have a well-shaped, heavy-branched structure for the species. Evergreen trees are to have an internode no greater than 24" and shall be uniformly well-shaped. Plants of a given size shall not measure less than the minimum size as set forth in the American Standard for Nursery Stock, ANSIZ60.1-1990 or latest edition.
Plant Spacing - Plant spacing is to scale on plan. No shrub material shall be closer than 30" to building walls.
Soil Mix - Soil mix will be existing topsoil, 1/2 leafmold thoroughly mixed and homogenized.
Rootball Site - The ball size shall conform to the American Association of Nurserymen's Publication entitled American Standard for Nursery Stock, ANSIZ60.1-1990 or latest edition, and shall be wrapped in untreated burlap.
Excavation - Holes for all plants shall be 18" longer in diameter than size of ball or container and shall have vertical sides. Hedges shall be planted in a trench 12" wider than ball diameter. Beds for mass planting shall be entirely retolled to a depth of 8" and shall be 18" beyond the average outside edge of plant balls. Organic material (leafmold) will be incorporated into plant beds by filling again to a depth of 8". Proportions of soil to organic material will be two parts existing soil to one part organic material. Hand cultivate & plant within the root zone of trees, trees and adjust location of plants to avoid damage to tree root systems.
Planting - Backfilling shall be done with soil mix previously described, reasonably free of stones, subsoil, clay, lumps, plants, roots, weeds, Bermuda grass, litter, toxic substances, or any other material which may be harmful to plant growth or hinder grading, planting, or maintenance operations. Should any unforeseen or unsuitable planting conditions arise, such as faulty soil drainage, chemical residues or inconsistencies between plans and actual site conditions, they should be solved to the attention of TAI Engineers and the owner for adjustment before planting. Plants shall be set plumb and straight and wires shall be guyed or staked at the time of planting. Backfill shall be well worked about the roots and seated by watering. Plants will be guyed higher than surrounding grade. Shrubs will be 1" higher and trees will be 3" higher. Remove rope from round tree trunks and lay back burlap and wire baskets from top 1/3 of all B & B material. Nylon, plastic, or vinyl rope and/or burlap will be completely removed from all plant material prior to planting. Root bound material shall be cut or "butterfied" to promote new root growth.
Cultivation - All trenches and shrub beds shall be cultivated, edged and mulched to a depth of 2" minimum and 3" maximum with well-aged, fine-shredded hardwood bark. The area around isolated plants shall be mulched to at least 6" greater diameter than that of the hole. Plant beds adjacent to buildings shall be entirely mulched to the building wall.
Maintenance - The Contractor shall be responsible during the contract and up to the time of acceptance for keeping the planting and work incidental thereto in good condition by reporting, plant replacement, watering, weeding, cultivating, pruning, spraying, re-staking and cleaning up, and by performing all other necessary operations of care for the promotion of good plant growth so that all work is in satisfactory condition of the time of acceptance at no additional cost to the owner.
Fertilizer - All fertilizer shall be granular, packet or pellet type with 35 to 80 percent of the total nitrogen in a slowly available form. For trees, shrubs, and groundcover, fertilizer shall be a complete fertilizer with a minimum analysis of 10 percent nitrogen, 6 percent phosphorus and 10 percent potassium. For perennials, annuals, and bulbs; fertilizer shall be a time-released, high-phosphate fertilizer, i.e. MagAmp 7-40-8 coarse. For bulbs, fertilizer shall be bonemeal (commercial, raw and finely-ground), with an analysis of 4 percent nitrogen and 20 percent phosphoric acid.
Fertilizer shall be added depending on the size of the plant and the manufacturer's recommendation using the following application rates:
1. Trees: Use 1/2 lb. of 10-6-4 fertilizer per inch of trunk diameter.
2. Shrubs: Use 1/2 lb. of 10-6-4 fertilizer per foot of height or spread per plant, or 3-5 lbs. of 10-6-4 fertilizer per 100 square feet of bed area.
3. Groundcover: Use 3 lbs. of 10-6-4 fertilizer per 100 square feet of bed area.
4. Perennials, Annuals, Bulbs: Use 3lbs. of time-released, high-phosphate fertilizer (5-10-5) per 100 square feet of bed area.
5. Bulbs: Use 4-8 lbs. of bonemeal per 100 square feet of bed area (or use time-released, high-phosphate fertilizer as specified above).

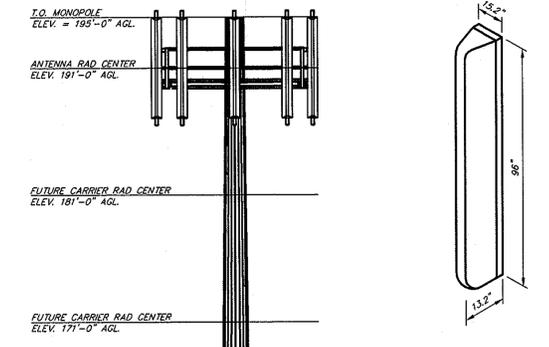
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**SCHEDULE A
PERIMETER LANDSCAPE EDGE**

CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	B	A
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	120 LF	125 LF
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO
CREDIT FOR WALL FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES SHRUBS	J 2	2
NUMBER OF TREES PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS (0:1 SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	J 2	1 2

LANDSCAPING SCHEDULE

ITEM	COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE	REMARKS
	RED MAPLE	ACER RUBRUM "OCTOBER GLORY"	4	2 1/2" CALIPER MIN.	B & B
	EASTERN WHITE PINE	PINUS STROBUS	4	6" MIN. HEIGHT	B & B



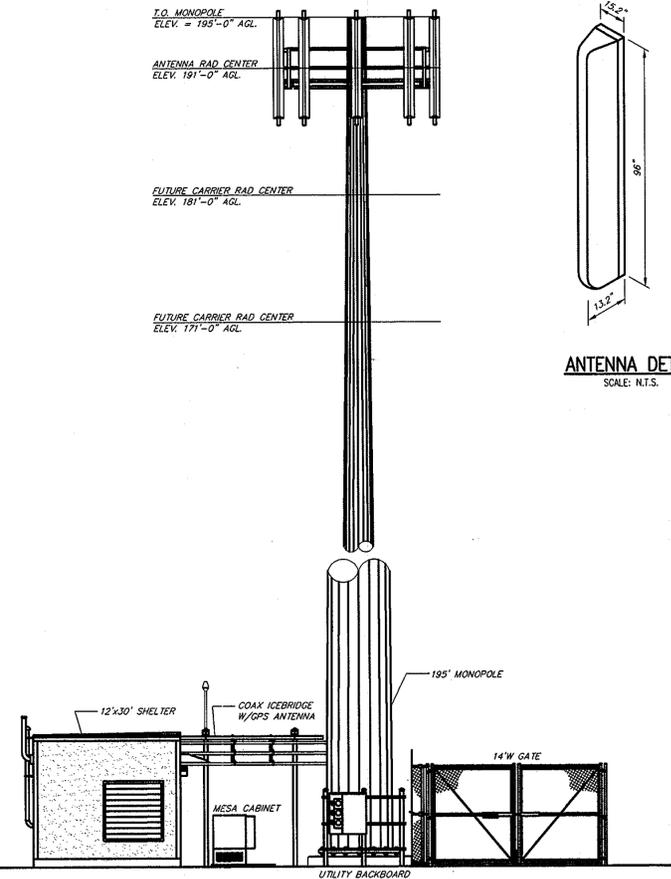
ANTENNA DETAIL
SCALE: N.T.S.

CELLULAR COMMUNICATIONS TOWER NOTES:
1. PROPOSED MONOPOLE HEIGHT: 195' (AGL).
ANTENNA DIMENSIONS: 96" L x 15.2" W x 13.2" D
2. MAX. FENCE HEIGHT AROUND COMPOUND = 6'.
3. PROPOSED COMPOUND TO BE CONSTRUCTED AS FOLLOWS:
A. EXISTING GRAVEL TO BE REMOVED
B. EXISTING SUB-GRADE TO BE PROOF ROLLED AND STABILIZED.
C. INSTALL MIRAFI 500X GEOTEXTILE FABRIC OVER SUB-GRADE.
D. INSTALL 6" SUB-BASE OF #2 STONE (COMPACTED).
E. FINISHED GRADE OF COMPOUND TO MATCH THE EXISTING SURROUNDING GRADES TO ENSURE NO CHANGE IN EXISTING DRAINAGE PATTERNS.
4. TOTAL AREA TO BE DISTURBED = 2,468 SQ. FT.
5. IN ACCORDANCE WITH SEC. 128.E.2.c (SUPPLEMENTAL ZONING DISTRICT REGULATIONS) OF THE ZONING REGULATIONS, EACH 5th YEAR AFTER THE FACILITY BECOMES OPERATIONAL, THE FACILITY OPERATOR SHALL CONDUCT A SAFETY INSPECTION IN ACCORDANCE WITH THE ELECTRONICS INDUSTRIES ASSOCIATION STANDARD REFERENCE NUMBER 222E AS REFERENCED IN THE HOWARD COUNTY BUILDING CODE, AND RADIATION LEVEL INSPECTION OF THE FACILITY AND, WITHIN 60 DAYS OF THE INSPECTION, FILE A REPORT WITH THE DIRECTOR OF OPERATIONS, LICENSES AND PERMITS AND THE HEALTH OFFICER.
6. IN ACCORDANCE WITH SECTION 128.E.3.a-c OF THE ZONING REGULATIONS, THE COMMUNICATIONS TOWER SHALL BE GRAY OR SIMILAR COLOR THAT MINIMIZES VISIBILITY, UNLESS A DIFFERENT COLOR IS REQUIRED BY THE FCC OR FAA; NO SIGNALS OR LIGHTS SHALL BE PERMITTED ON TOWERS UNLESS REQUIRED BY THE FCC OR FAA; AND A COMMUNICATIONS TOWER THAT IS NO LONGER USED SHALL BE REMOVED FROM THE SITE WITHIN ONE YEAR OF THE DATE THAT USE CEASES.

GENERAL NOTES:
1. FOREST CONSERVATION FOR THE ADDITION OF THE CELLULAR COMMUNICATIONS TOWER IS BASED ON THE PROPOSED LOD AREA OR THE NET TRACT AREA OF 2,468 SQ. FT., WITH AN AFFORESTATION OBLIGATION OF 0.01 ACRE. A FEE IN LIEU AMOUNT OF \$326.70 WILL SATISFY THIS OBLIGATION.
2. AN AREA OF GRAVEL EQUAL TO OR GREATER THAN THE COMBINED AREA OF THE ACCESS DRIVE AND TOWER COMPOUND WILL BE REMOVED IN ORDER TO OFFSET ANY STORMWATER MANAGEMENT REQUIREMENTS. THEREFORE, NO STORMWATER MANAGEMENT IS REQUIRED.
3. TOPOGRAPHY SHOWN ON THIS SHEET IS FIELD RUN BY LVELLE & ASSOCIATES, INC., DATED NOV., 2011. DATUM IS NAVD '88 AND IS BASED ON A CURRENT GPS OBSERVATION.
4. VERIZON WIRELESS HAS A SIGNED LEASE AGREEMENT WHICH GRANTS VERIZON ACCESS TO ITS PROPOSED FACILITY FROM THE PROPERTY OWNER FOR PARCEL E-1.
5. LANDSCAPING FOR THE PROPOSED 12' X 20' EQUIPMENT SHELTER HAS BEEN PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. A TOTAL OF 4 SHADE TREES AND 4 EVERGREEN TREES HAVE BEEN PROVIDED AND A LANDSCAPE SURETY OF \$1,600.00 WILL BE POSTED WITH THE GRADING PERMIT APPLICATION.

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B. EXISTING SUB-GRADE TO BE PROOF ROLLED AND STABILIZED.
C. INSTALL MIRAFI 500X GEOTEXTILE FABRIC OVER SUB-GRADE.
D. INSTALL 6" SUB-BASE OF #2 STONE (COMPACTED).
E. FINISHED GRADE OF COMPOUND TO MATCH THE EXISTING SURROUNDING GRADES TO ENSURE NO CHANGE IN EXISTING DRAINAGE PATTERNS.
4. TOTAL AREA TO BE DISTURBED = 2,468 SQ. FT.
5. IN ACCORDANCE WITH SEC. 128.E.2.c (SUPPLEMENTAL ZONING DISTRICT REGULATIONS) OF THE ZONING REGULATIONS, EACH 5th YEAR AFTER THE FACILITY BECOMES OPERATIONAL, THE FACILITY OPERATOR SHALL CONDUCT A SAFETY INSPECTION IN ACCORDANCE WITH THE ELECTRONICS INDUSTRIES ASSOCIATION STANDARD REFERENCE NUMBER 222E AS REFERENCED IN THE HOWARD COUNTY BUILDING CODE, AND RADIATION LEVEL INSPECTION OF THE FACILITY AND, WITHIN 60 DAYS OF THE INSPECTION, FILE A REPORT WITH THE DIRECTOR OF OPERATIONS, LICENSES AND PERMITS AND THE HEALTH OFFICER.
6. IN ACCORDANCE WITH SECTION 128.E.3.a-c OF THE ZONING REGULATIONS, THE COMMUNICATIONS TOWER SHALL BE GRAY OR SIMILAR COLOR THAT MINIMIZES VISIBILITY, UNLESS A DIFFERENT COLOR IS REQUIRED BY THE FCC OR FAA; NO SIGNALS OR LIGHTS SHALL BE PERMITTED ON TOWERS UNLESS REQUIRED BY THE FCC OR FAA; AND A COMMUNICATIONS TOWER THAT IS NO LONGER USED SHALL BE REMOVED FROM THE SITE WITHIN ONE YEAR OF THE DATE THAT USE CEASES.

GENERAL NOTES:
1. FOREST CONSERVATION FOR THE ADDITION OF THE CELLULAR COMMUNICATIONS TOWER IS BASED ON THE PROPOSED LOD AREA OR THE NET TRACT AREA OF 2,468 SQ. FT., WITH AN AFFORESTATION OBLIGATION OF 0.01 ACRE. A FEE IN LIEU AMOUNT OF \$326.70 WILL SATISFY THIS OBLIGATION.
2. AN AREA OF GRAVEL EQUAL TO OR GREATER THAN THE COMBINED AREA OF THE ACCESS DRIVE AND TOWER COMPOUND WILL BE REMOVED IN ORDER TO OFFSET ANY STORMWATER MANAGEMENT REQUIREMENTS. THEREFORE, NO STORMWATER MANAGEMENT IS REQUIRED.
3. TOPOGRAPHY SHOWN ON THIS SHEET IS FIELD RUN BY LVELLE & ASSOCIATES, INC., DATED NOV., 2011. DATUM IS NAVD '88 AND IS BASED ON A CURRENT GPS OBSERVATION.
4. VERIZON WIRELESS HAS A SIGNED LEASE AGREEMENT WHICH GRANTS VERIZON ACCESS TO ITS PROPOSED FACILITY FROM THE PROPERTY OWNER FOR PARCEL E-1.
5. LANDSCAPING FOR THE PROPOSED 12' X 20' EQUIPMENT SHELTER HAS BEEN PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. A TOTAL OF 4 SHADE TREES AND 4 EVERGREEN TREES HAVE BEEN PROVIDED AND A LANDSCAPE SURETY OF \$1,600.00 WILL BE POSTED WITH THE GRADING PERMIT APPLICATION.

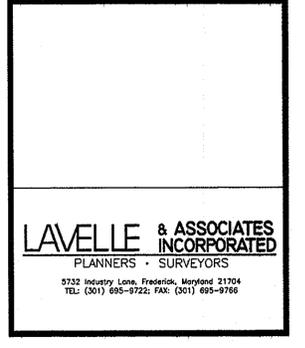
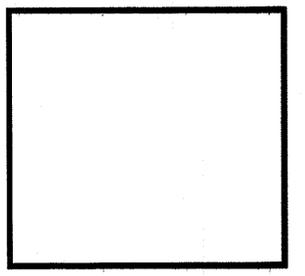


PROPOSED COMPOUND ELEVATION
(HOR: N.T.S., VER: 1" = 5')



APPROVED: DEPARTMENT OF PLANNING & ZONING
 Kevin J. Lavelle, Chief, Division of Land Development, Date: 6/2/12
 David A. Bull, Chief, Development Engineering Division, Date: 6/5/12
 David J. P. Goffe, Director, Department of Planning & Zoning, Date: 4/9/12

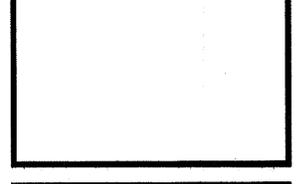
REV.	DESCRIPTION	DATE
REVISIONS		



0 1/2 1 2
GRAPHIC SCALE IN INCHES
FULL PRINTED SIZE: 24" X 36"



**LANDSCAPING PLAN
CELL TOWER NOTES/DETAILS**
REVISED SITE DEVELOPMENT PLAN
PARCEL E-1
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



SCALE: AS SHOWN
 DRAWN BY: RSL PROJECT NO.:
 ENGINEER: TAI CLIENT NO.:

DRAWING NUMBER
SHEET 2 OF 2