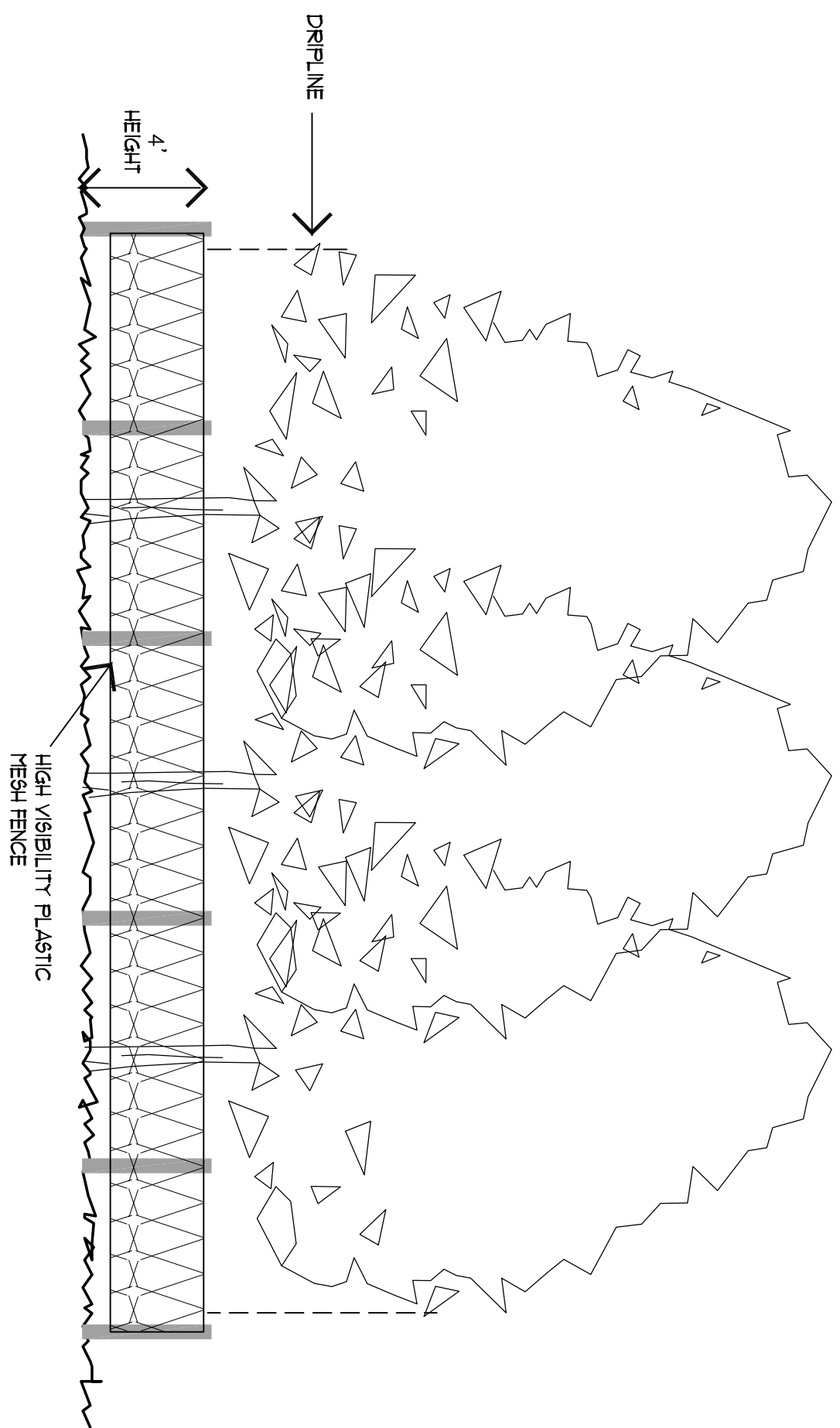
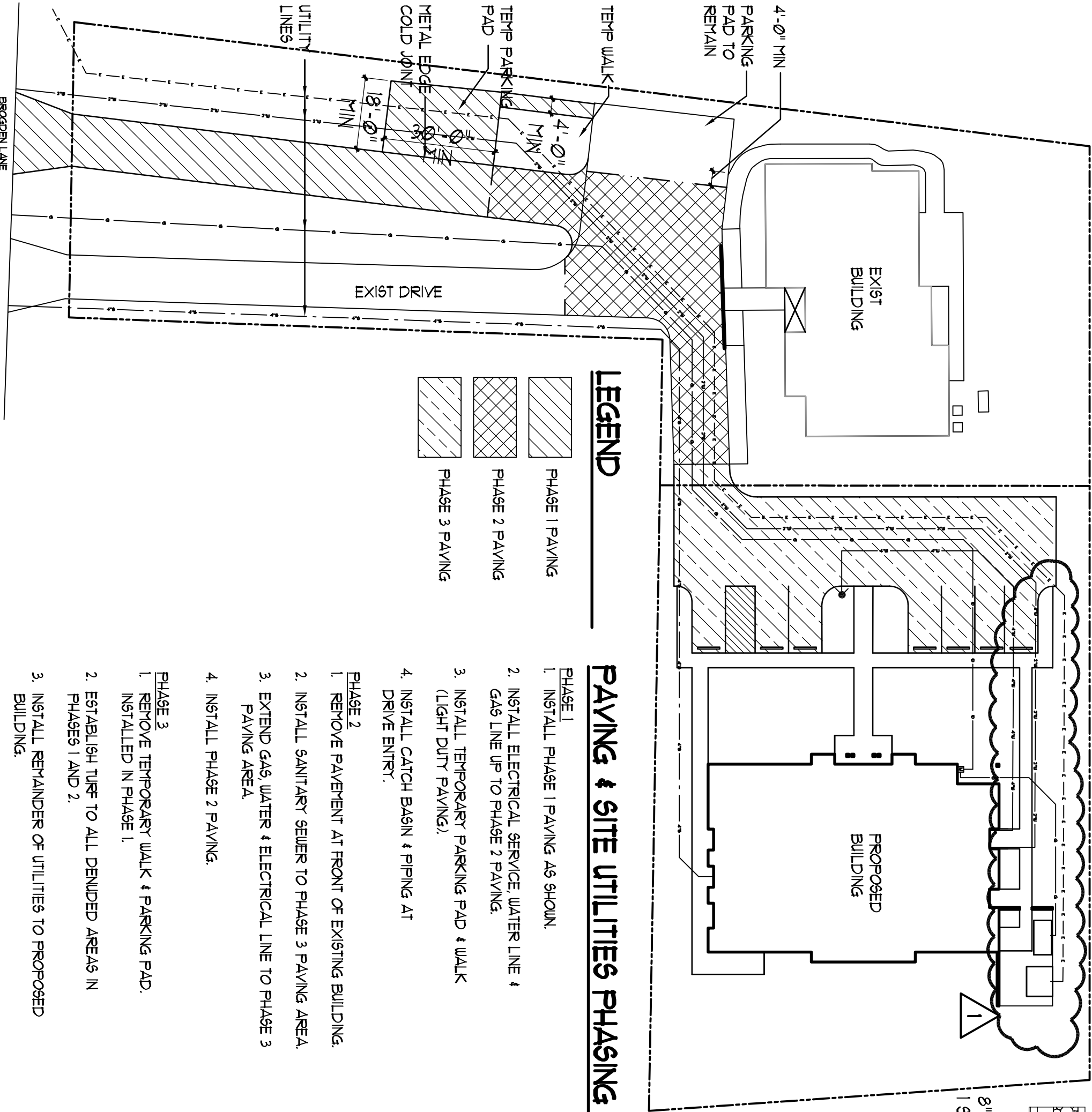


TYP. HANDICAP SIGN DETAIL



TREE PROTECTION SPECIFICATIONS

- PART 1 - GENERAL
- A. TREES THAT ARE TO BE PRESERVED ON-SITE SHALL BE PROTECTED DURING CONSTRUCTION IN ACCORDANCE WITH THE FOLLOWING:
1. TREES SELECTED FOR PRESERVATION ARE SHOWN ON THE FIELD BY THE GENERAL CONTRACTOR.
 2. TREES AND GROUPS OF TREES THAT ARE TO BE PRESERVED SHALL BE ENCLOSED BY A TEMPORARY FENCE TO BE LOCATED AND MAINTAINED AT THEIR DRYLINES DURING CONSTRUCTION. SUCH A FENCE SHALL BE INSTALLED PRIOR TO CLEARING OR CONSTRUCTION AND SHALL BE SUFFICIENT TO PREVENT INTRUSION INTO THE FENCED AREA DURING CONSTRUCTION. IN NO CASE SHALL MATERIALS, VEHICLES OR EQUIPMENT BE STORED OR STOCK PILED WITHIN THE FENCED AREA.
 3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL CONSTRUCTION PERSONNEL OF THE PRESENCE AND PURPOSE OF CLEARING LIMITS AND PROTECTIVE FENCES AND FOR ENSURING THAT THE RESTRICTIONS ASSOCIATED WITH THE SAME ARE OBSERVED.
 - B. WHERE GRADE CHANGES IN EXCESS OF SIX INCHES FROM THE EXISTING STRUCTURES SUCH AS TREE WELLS OR WALLS SHALL BE PROPERLY INSTALLED.
 1. EXPOSED ROOTS CREATED BY GRADING, ETC. SHALL BE TILCHED THREE INCHES DEEP WITH SHEPDED HARDWOOD TILCH AS SOON AS POSSIBLE AFTER DAMAGE OCCURS.
- PART 2 - MATERIALS
- A. TREE PROTECTION FENCING, BLAZE ORANGE, HEAVY DUTY PLASTIC/REINFORCED FENCE, A MINIMUM OF 4'-0" HIGH, FENCE SHALL BE SECURELY ATTACHED TO METAL 2" V CHANNEL POST, SET AT A MAXIMUM OF 8' ON CENTER.



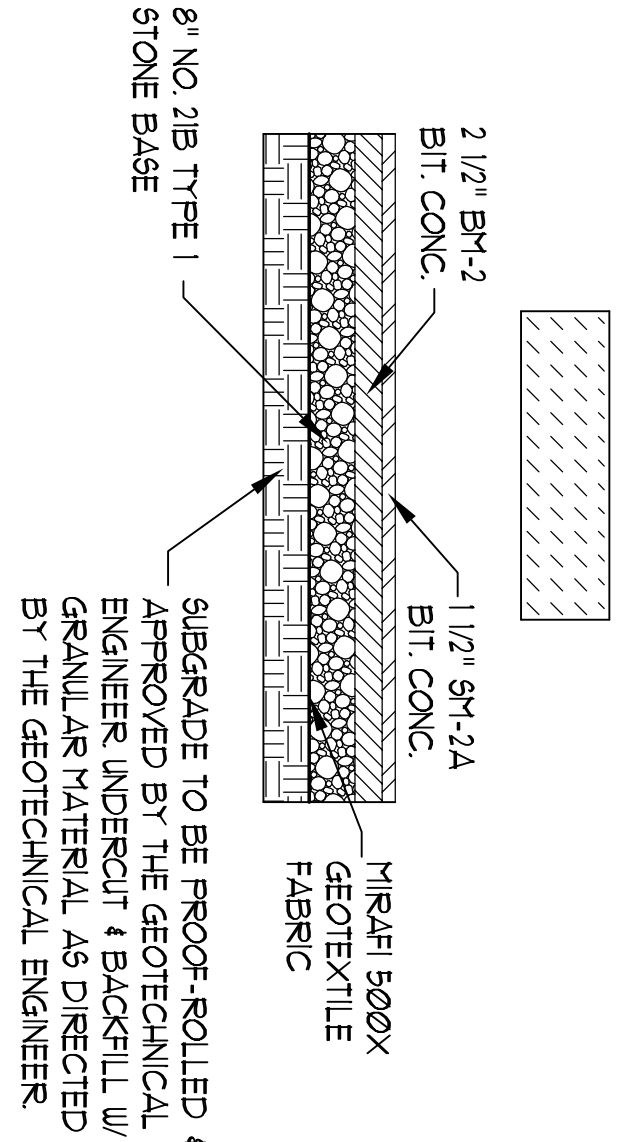
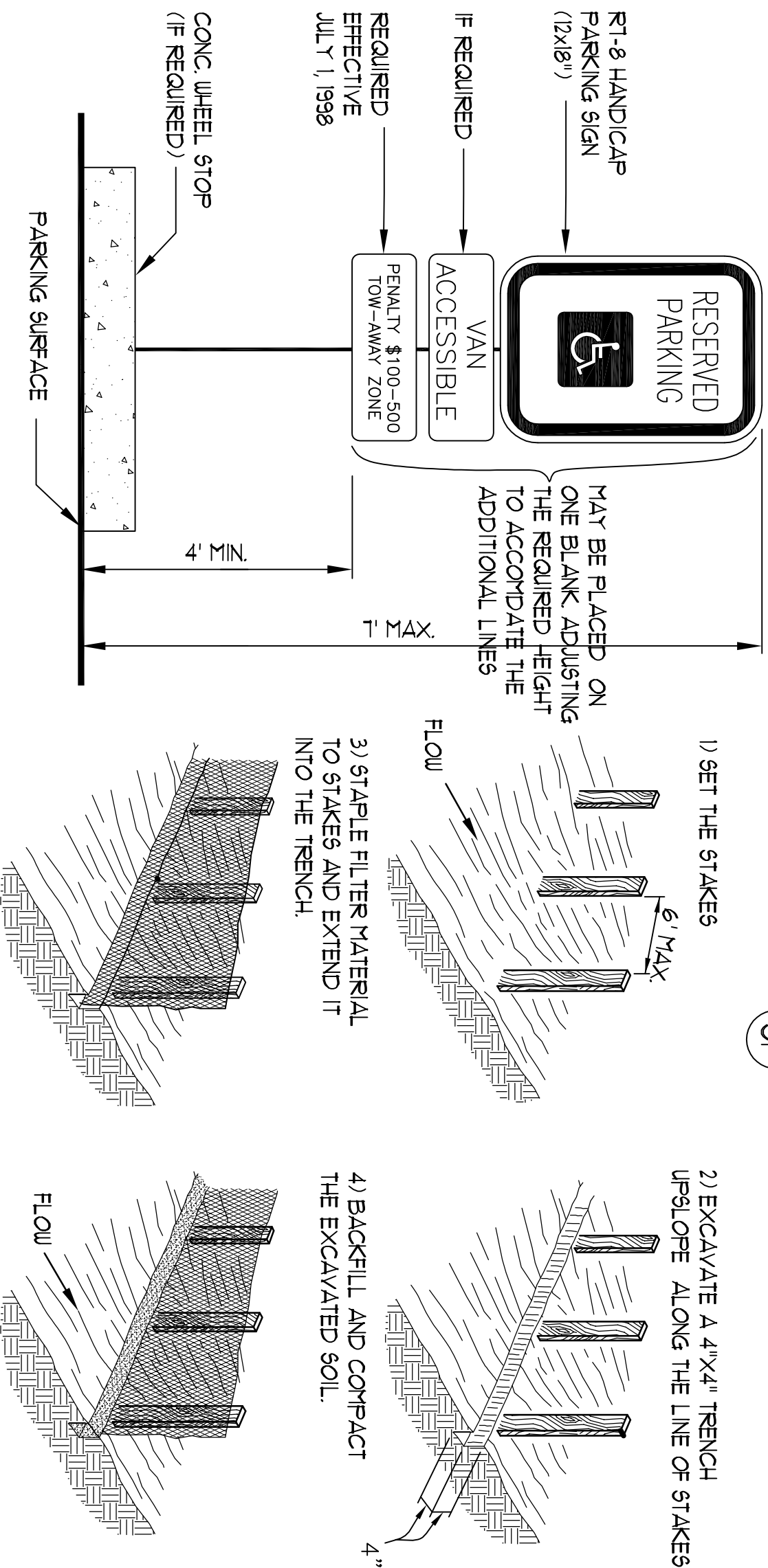
LEGEND

- PHASE 1 PAVING
- PHASE 2 PAVING
- PHASE 3 PAVING

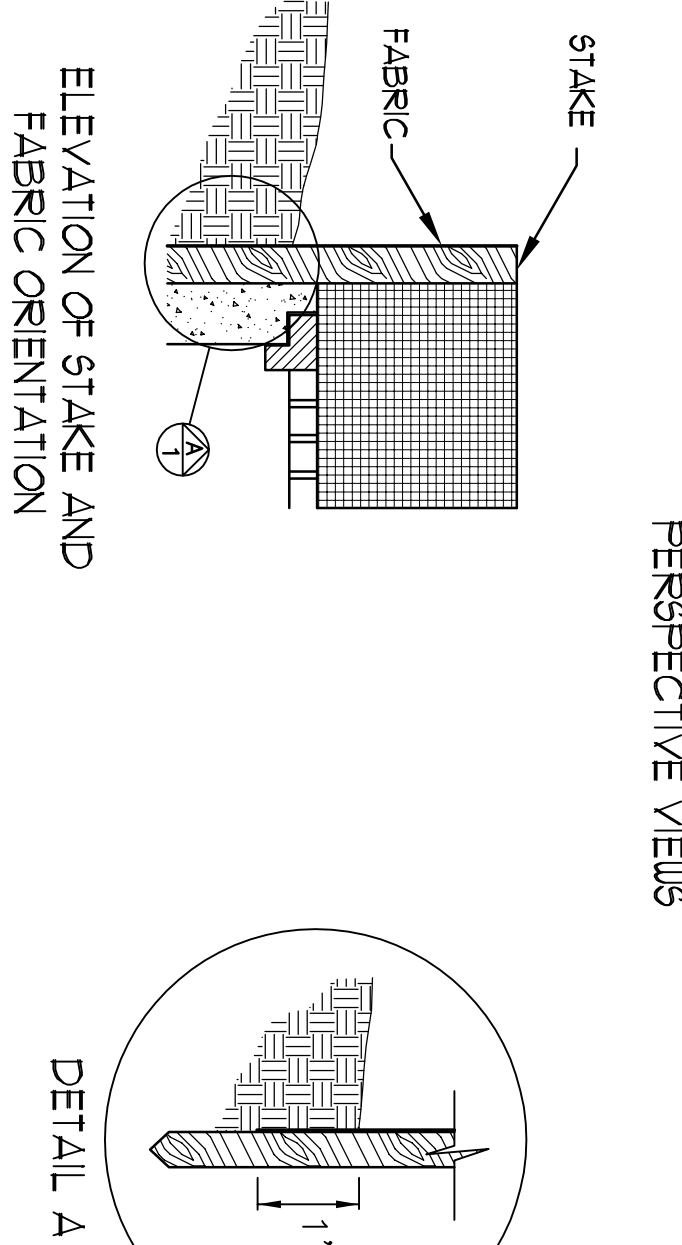
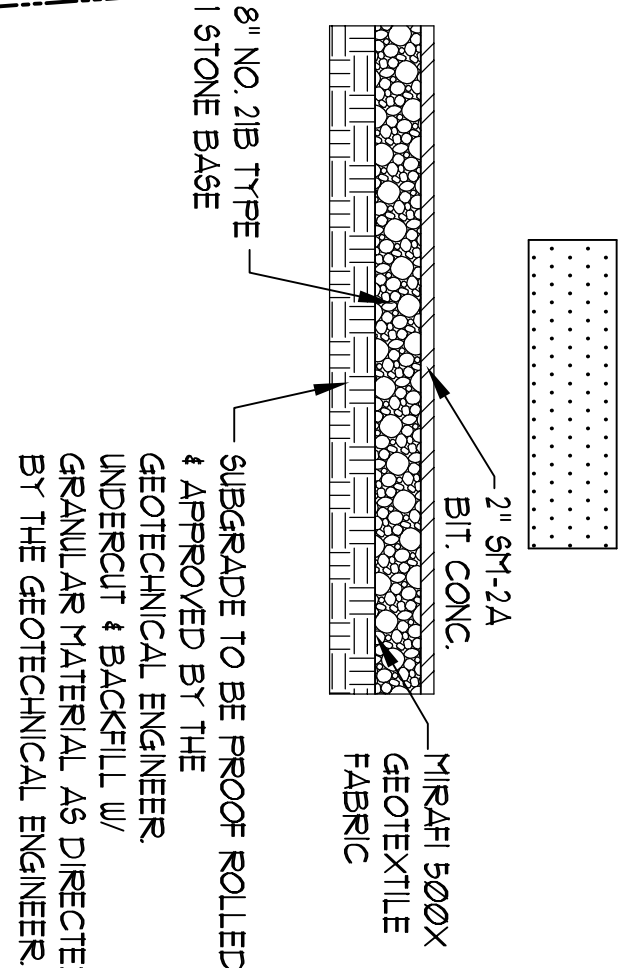
PAVING & SITE UTILITIES PHASING

- PHASE 1
1. INSTALL PHASE 1 PAVING AS SHOWN
 2. INSTALL ELECTRICAL SERVICE, WATER LINE & GAS LINE UP TO PHASE 2 PAVING.
 3. INSTALL TEMPORARY PARKING PAD & WALK (LIGHT DUTY PAVING).
 4. INSTALL CATCH BASIN & PUMP AT DRIVE ENTRY.
- PHASE 2
1. REMOVE PAVEMENT AT FRONT OF EXISTING BUILDING.
 2. INSTALL SANITARY SEWER TO PHASE 3 PAVING AREA.
 3. EXTEND GAS, WATER & ELECTRICAL LINE TO PHASE 3 PAVING AREA.
 4. INSTALL PHASE 2 PAVING.
- PHASE 3
1. REMOVE TEMPORARY WALK & PARKING PAD, INSTALLED IN PHASE 1.
 2. ESTABLISH TIE TO ALL DENuded AREAS IN PHASES 1 AND 2.
 3. INSTALL REMAINDER OF UTILITIES TO PROPOSED BUILDING.
 4. INSTALL PHASE 3 PAVING.

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)



LIGHT DUTY PAVEMENT SECTION (N15)



GENERAL NOTES:

- (1) CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES INVOLVED WITH THE SITE PRIOR TO ANY CONSTRUCTION. CONTACT THESE UTILITIES PRIOR TO ANY CONSTRUCTION. TELEPHONE NUMBERS: 1-800-593-1001.
- (2) THE EROSION AND SEDIMENTATION CONTROL MEASURES SHOWN ON THE PLAN SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD UNTIL CONSTRUCTION IS COMPLETE AND VEGETATIVE COVER IS ESTABLISHED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENTATION CONTROL HANDBOOK, CURRENT EDITION. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED IN ACCORDANCE WITH 4VAC50-30-40 19-19 (VEHICL UPDATED THROUGH 12/11 VAR 1 MAY 1, 2006). 19-19 (VEHICL UPDATED THROUGH 12/11 VAR MAY 1, 2006).
- (3) DISTURBED AREAS TO BE STABILIZED WITH MINIMUM DELAY TO PREVENT EROSION. FERTILIZE SEED & TILLAGE ALL DISTURBED AREAS INCLUDING DITCHES.
- (4) CONTROLLED FILL IN BUILDING AREA, MAXIMUM DENSITY 95% OPTIMUM MOISTURE. MINIMUM CBR VALUE AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- (5) ALL EXTERIOR CONCRETE TO BE 3500 PSI, 18 DAY AIR ENVRANED.
- (6) SILLATION BARRIERS TO BE INSTALLED AROUND CONSTRUCTION AND DISTURBED AREAS.
- (7) INVERT, SIZES AND LOCATION OF ALL UNDERGROUND EXISTING UTILITIES SHOWN OR NOT SHOWN TO BE VERIFIED BY THE CONTRACTOR.
- (8) ALL PARKING SPACES SHALL BE DELINEATED BY PAINTED LINES.
- (9) ALL WORK ON CITY RIGHT-OF-WAY WILL REQUIRE A SEPARATE PERMIT FROM THE CENTRAL PERMIT OFFICE. ALL CONSTRUCTION SHALL CONFORM TO CITY OF HAMPTON SPECIFICATIONS AS SET FORTH IN THE PUBLIC WORKS DESIGN AND CONSTRUCTION STANDARDS HANDBOOK IN EFFECT AT THE TIME OF PLAN APPROVAL. ONLY STRUCTURES DESIGNED FOR THIS SITE MAY BE REPRODUCED ON THIS PLAN.
- (10) ALL SIGNS AND THEIR LOCATIONS WILL BE APPROVED ON A SEPARATE PERMIT ISSUED BY THE CODES COMPLIANCE DEPARTMENT.
- (11) A LAND DISTURBING PERMIT MUST BE ISSUED BEFORE CONSTRUCTION MAY BEGIN. CONTACT THE CENTRAL PERMIT OFFICE AT 703-744-7100 TO OBTAIN THIS PERMIT. ALL DENuded AREAS OF THE SITE WILL BE TOPSOIL AND SEEDED IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK SECTION 330-532.
- (12) INSTALLATION OF UTILITIES WITHIN CITY RIGHT-OF-WAY SHALL FOLLOW PROCEDURES SET FORTH IN THE CITY OF HAMPTON UTILITY POLICY.
- (13) ALL UNDERGROUND PIPE SYSTEMS (IE STORM, SANITARY, WATER DISTRIBUTION) ON PRIVATE PROPERTY, OUTSIDE OF UTILITY EASMENTS, SHALL BE INSTALLED IN CONFORMANCE WITH THE INTERNATIONAL PLUMBING CODE, AS AMENDED.
- (14) EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED, INSPECTED AND APPROVED PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT. INSPECTIONS SHALL BE COORDINATED THROUGH THE CODES COMPLIANCE DEPARTMENT.
- (15) CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES ABOVE AND BELOW GROUND DURING CONSTRUCTION. OWNER AND CONTRACTOR SHALL RESOLVE ANY CONFLICTS WITH EXISTING UTILITIES.
- (16) INVERT, SIZES AND LOCATION OF ALL UNDERGROUND EXISTING UTILITIES SHOWN OR NOT SHOWN TO BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
- (17) ANY OBSTRUCTIONS (POLE, POLES, TELEPHONE FEEDSTAYS, GUY WIRES, WATER VETERES, ETC.) MUST BE RELOCATED OR ADJUSTED.
- (18) THIS PLAN DOES NOT GUARANTEE THE EXISTENCE OR NON-EXISTENCE OF ANY UTILITIES OR THE DEPTH OF UTILITIES EXCEPT AT THE POINTS OF SPECIFIED INVERTS OR TOPS OF PIPES EXCAVATED AND MEASURED IN THE FIELD. PRIOR TO ANY CONSTRUCTION OR EXCAVATION FOR CONSTRUCTION THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF LOCATING AND VERIFYING ALL UTILITIES ABOVE OR BELOW GROUND PUBLIC AND/OR PRIVATE THAT MAY EXIST AND CROSS THROUGH THE AREAS OF CONSTRUCTION AS WELL AS VERIFY THE DEPTH OF ALL UNDERGROUND LINES.
- (19) OVERHEAD SURFACE AND SUB-SURFACE INVESTIGATIONS, THE INFORMATION CONCERNING EXISTING UNDERGROUND CONDUITS, CABLES, UTILITIES AND GROUND STRUCTURES HAS BEEN OBTAINED BY THE ENGINEER FOR HIS OWN USE. ALL SUCH INFORMATION AND THE DRAWINGS OF EXISTING CONSTRUCTION ARE FURNISHED ONLY FOR THE INFORMATION AND CONVENIENCE OF THE BIDDERS. ITS ACCURACY OR COMPLETENESS IS NOT GUARANTEED BY THE ENGINEER AND IS NOT INTENDED TO BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS. EVEN THOUGH SHOWN FOR GUIDANCE ON SOME DRAWINGS, THE CONTRACTOR MUST UNDERTAKE SUCH INVESTIGATIONS AS HE DEEMS NECESSARY TO VERIFY THE LOCATION OF SUCH UNDERGROUND CONDUITS, CABLES, UTILITIES AND GROUND STRUCTURES. THE CONTRACTOR MUST ASSUME ALL RISKS IN EXCAVATING FOR THIS CONTRACT BASED ON HIS OWN INVESTIGATION OF THESE UNDERGROUND CONDUITS, CABLES, UTILITIES AND GROUND STRUCTURES.
- (20) IT IS FURTHER AGREED AND UNDERSTOOD THAT THE BIDDERS OR THE CONTRACTOR WILL NOT USE AND WILL NOT BE RESPONSIBLE FOR ANY DAMAGE TO ANY EXISTING OR ADJACENT PROPERTY CAUSED BY THE BIDDERS OR THE CONTRACTOR OR BY REASON OF ANY VARIANCE OF ANY NATURE AGAINST THE OWNER OR THE INFORMATION OFFERED AND THE ACTUAL MATERIALS OR STRUCTURES ENCOUNTERED DURING THE CONSTRUCTION WORK, EXCEPT AS MAY OTHERWISE BE PROVIDED FOR IN THE CONTRACT DOCUMENTS."

VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK MINIMUM STANDARD #1, #3, #6 AND #8.

1. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENuded AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS RELACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENuded AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.
2. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENuded AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED THAT IS WINDFIRM, NATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.
3. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA.
 - A. NO MORE THE 5000 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
 - B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
 - C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOODING STREAMS OR OFF-SITE PROPERTY.
 - D. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
 - E. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THIS CHAPTER.
 - F. APPLICABLE SAFETY CHAPTERS SHALL BE COMPLIED WITH.

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CIVIL NOTES & DETAILS



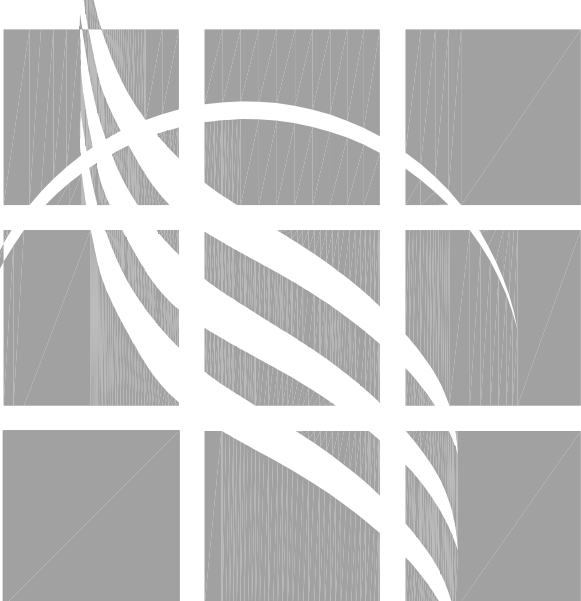
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SEPTEMBER 03, 2008

REV	DESCRIPTION	DATE
1	REVISION	09/11/08

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