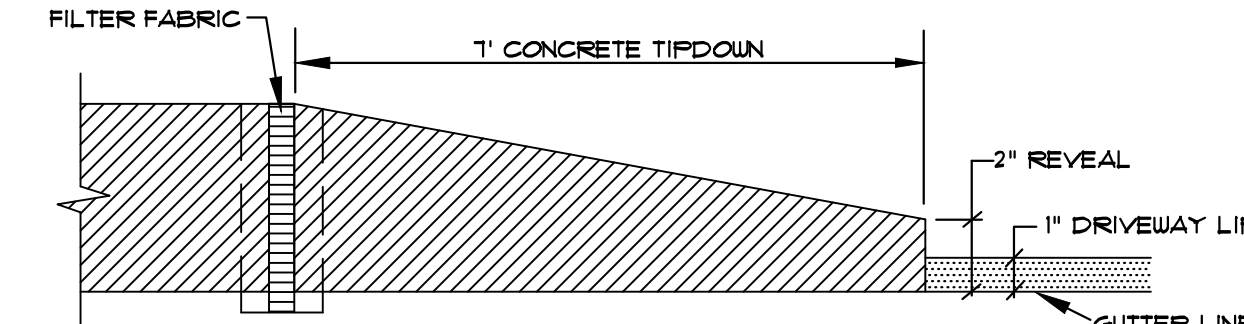
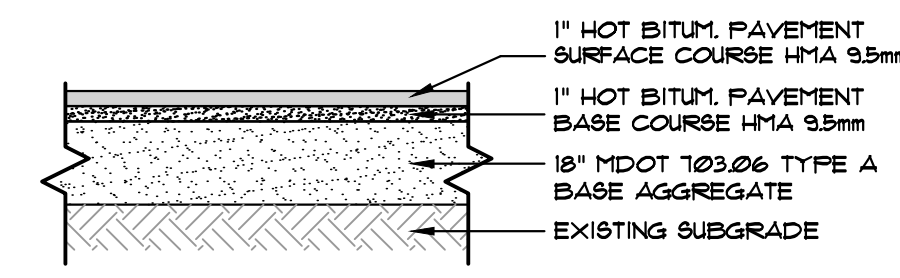


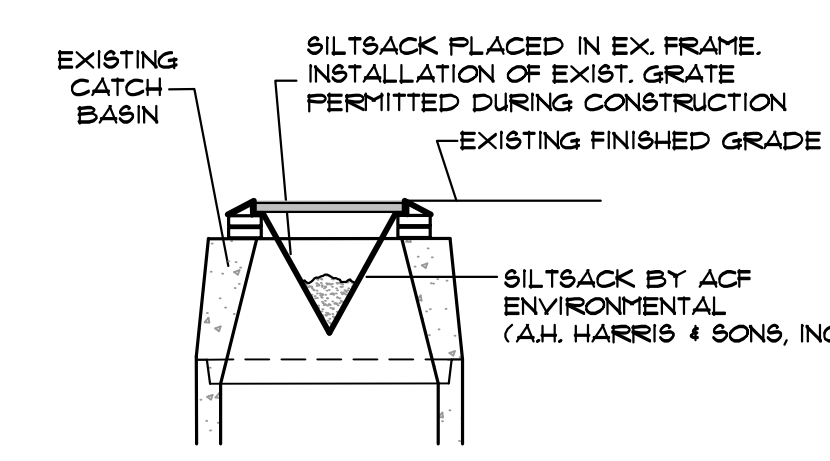
EMERGENCY PULL STATION FOUNDATION DETAIL
NOT TO SCALE



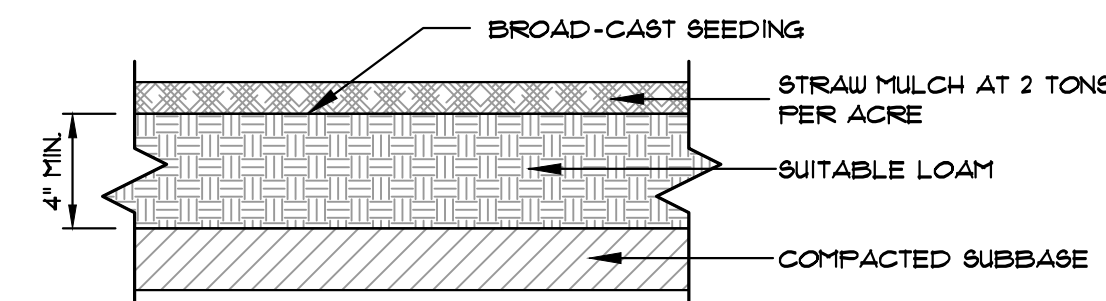
TYPICAL TIPDOWN CURB INSTALLATION
NOT TO SCALE



SIDEWALK CROSS SECTION
NOT TO SCALE

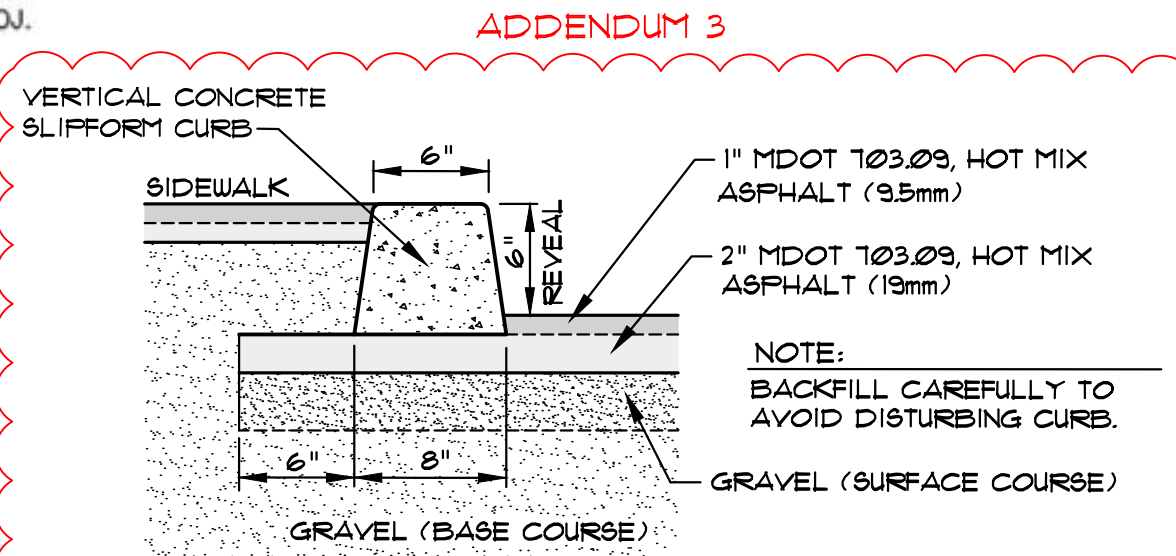


EXISTING CATCH BASIN
SILTSACK DETAIL
NOT TO SCALE

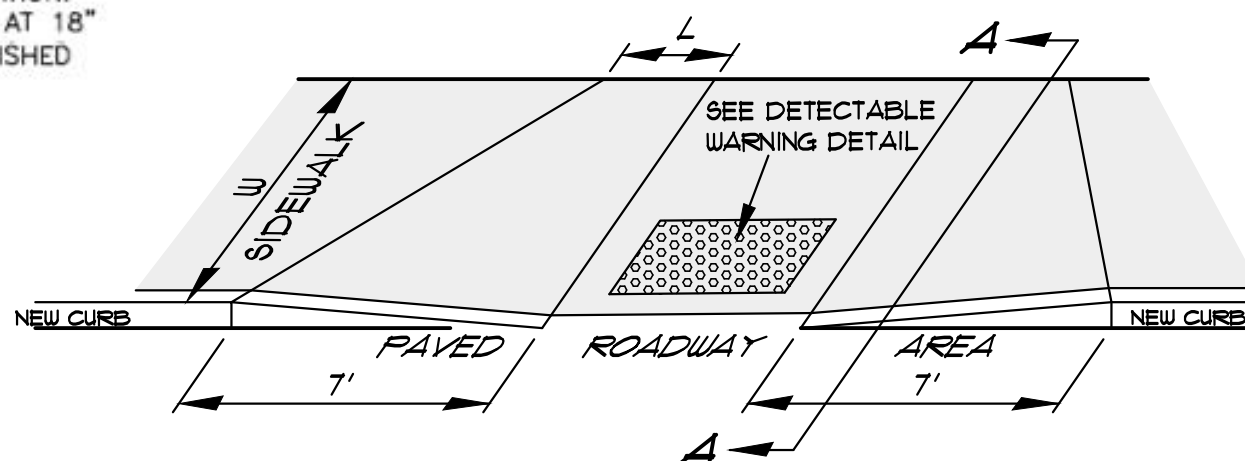


PERMANENT SEED MIX	APPLICATION RATE
KENTUCKY BLUEGRASS	100/1000 sf
CREEPING RED FESCUE	46
PERENNIAL RYEGRASS	46
TOTAL SEED RATE	103

LOAM & SEED DETAIL
NOT TO SCALE



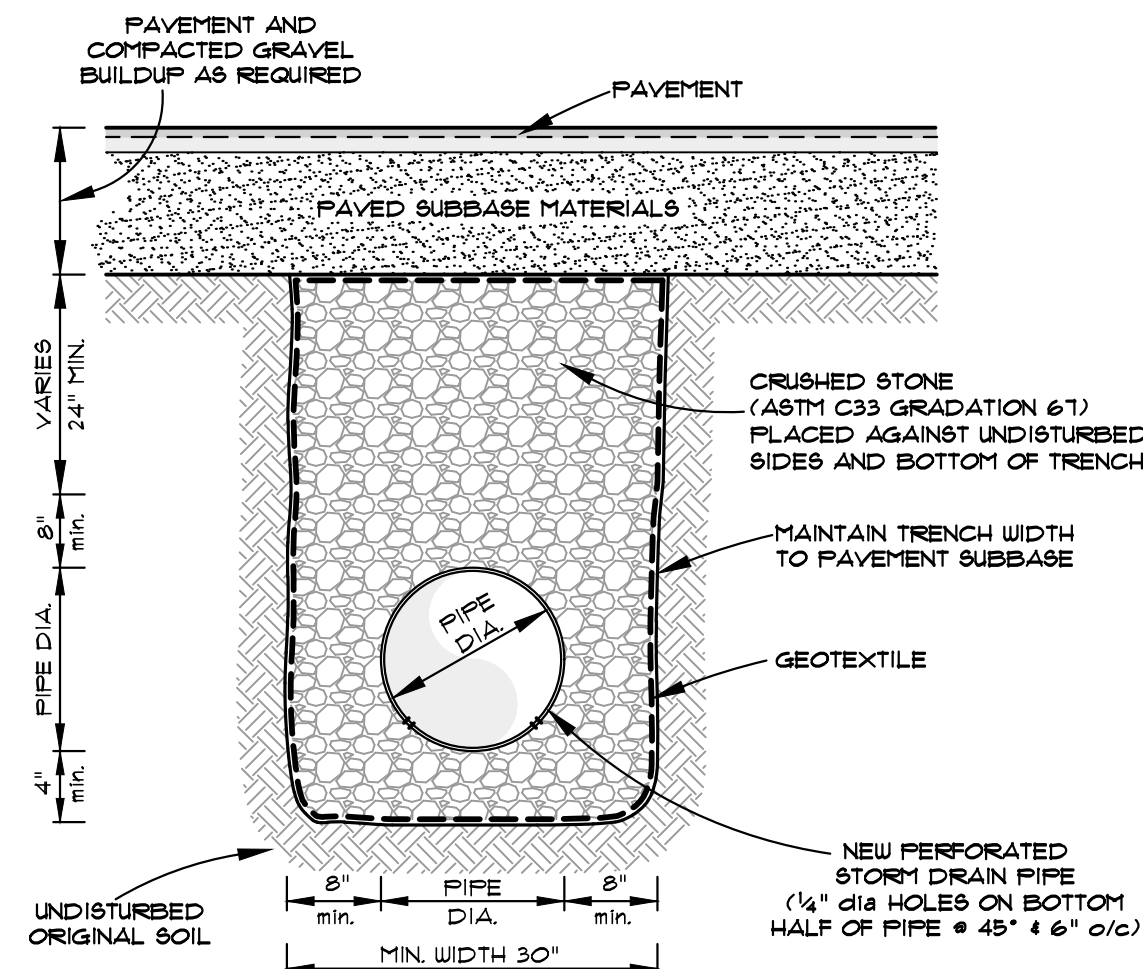
VERTICAL CONCRETE SLIPFORM CURB
NOT TO SCALE



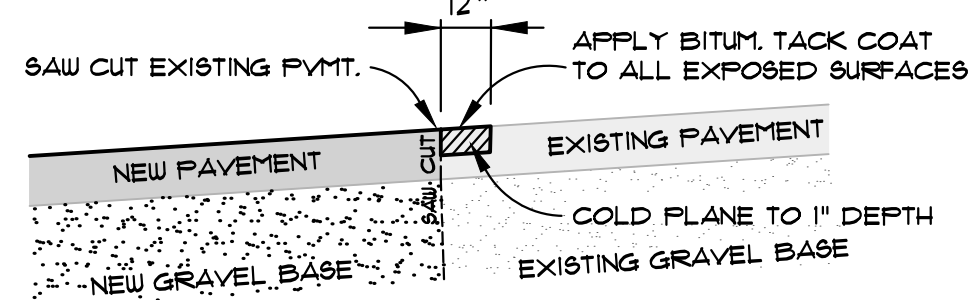
W	L
4'-0"	3'-6" ±
5'-0"	2'-9" ±
6'-0"	6'-0"
7'-0"	7'-0"
8'-0"	8'-0"

NOTES:
1) THE DIMENSIONS SHOWN AT ROADWAY EDGE ARE FIXED DISTANCES.
2) RAMP CROSS SECTION TO BE SAME AS ADJACENT SIDEWALK (DEPTH OF SURFACE AND FOUNDATION)
3) IN NO CASE ARE THE RAMPS TO BE PLACED BEHIND THE STOP LINE.

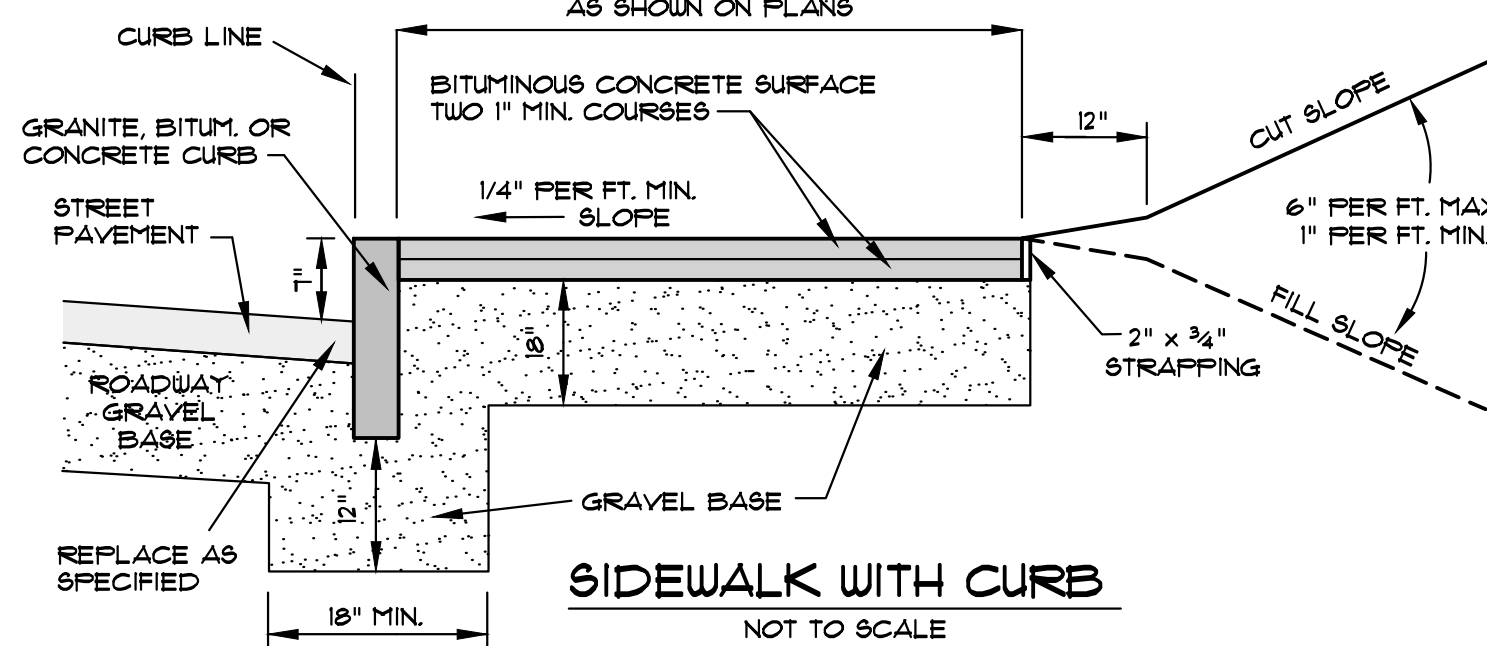
NEW CURB PLACEMENT AT SIDEWALK TIPDOWN
NOT TO SCALE



UNDERDRAIN TRENCH DETAIL
NOT TO SCALE

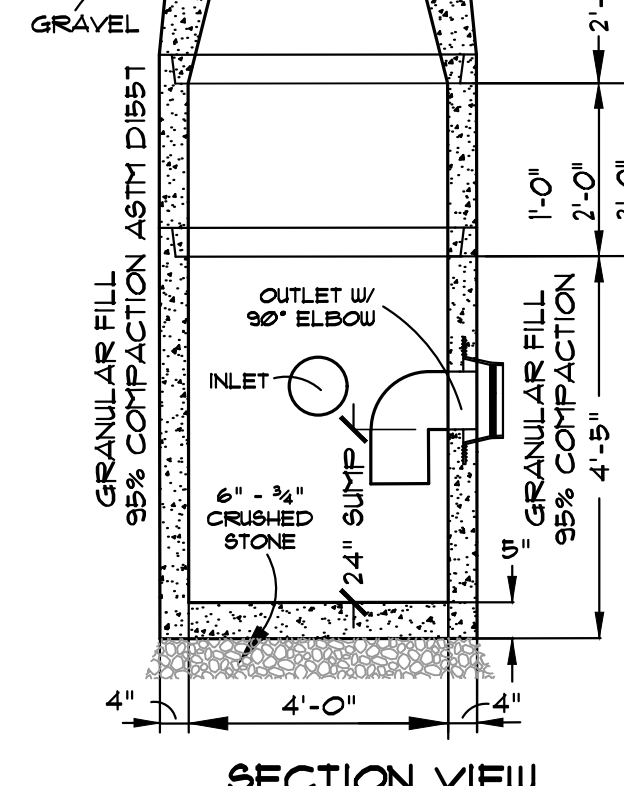
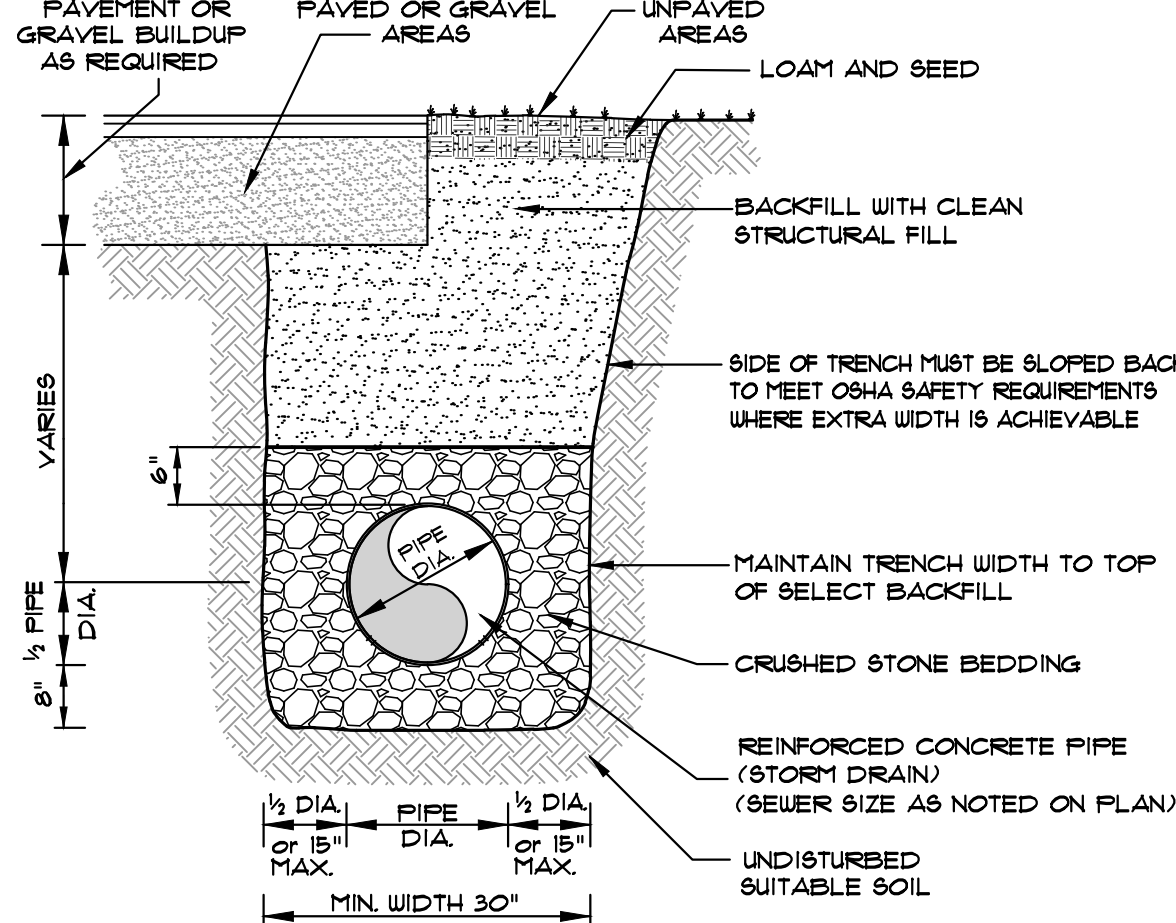


PAVEMENT SAW CUT
NOT TO SCALE



SIDEWALK WITH CURB
NOT TO SCALE

STORM DRAIN TRENCH DETAIL
NOT TO SCALE



W	L
4'-0"	3'-6" ±
5'-0"	2'-9" ±
6'-0"	6'-0"
7'-0"	7'-0"
8'-0"	8'-0"

NOTES:
1. CONCRETE: 4000 PSI AFTER 28 DAYS.
2. REINFORCING: H-20 LOADING, 4X4/4X4 WWM.
3. 3" SHIPLAP JOINTS SEALED WITH ONE STRIP OF BUTYL RUBBER SEALANT.
4. EACH CASTING TO HAVE LIFTING HOLES CAST IN.
5. PIPE OPENINGS CAST IN AS REQUIRED.
6. 8" THICK H-20 SLAB TOP AVAILABLE.

PRECAST CONCRETE CATCH BASIN DETAIL
NOT TO SCALE

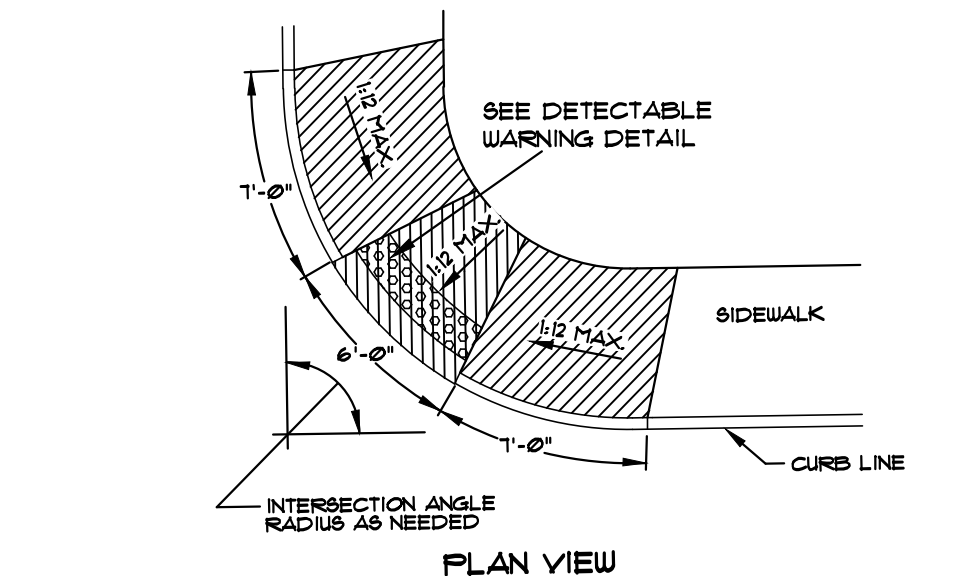
EROSION CONTROL NOTES

- 1) ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED (HAY MULCH) WITHIN 14 DAYS (7 CALENDAR DAYS IN A LAKE WATERSHED OR DURING WINTER CONSTRUCTION) OR PRIOR TO A SIGNIFICANT RAINFALL EVENT IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES (BMPs).
- 2) SITE INSPECTION & MAINTENANCE DURING CONSTRUCTION: WEEKLY INSPECTIONS, AS WELL AS ROUTINE INSPECTIONS FOLLOWING RAINFALLS, SHALL BE CONDUCTED BY THE GENERAL SITE CONTRACTOR OF ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES UNTIL FINAL ACCEPTANCE OF THE PROJECT (85% GRASS CATCH). NECESSARY REPAIRS SHALL BE MADE TO CORRECT UNDERMINING OR DETERIORATION. FINAL ACCEPTANCE SHALL INCLUDE A SITE INSPECTION TO VERIFY THE STABILITY OF ALL DISTURBED AREAS AND SLOPES, UNTIL FINAL INSPECTION, ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL IMMEDIATELY BE CLEANED AND REPAIRED BY THE GENERAL CONTRACTOR AS REQUIRED. DISPOSAL OF ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- 3) MAINTENANCE AGREEMENT: SHORT-TERM SEDIMENTATION MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR (TO CLEAN OUT ALL SWALES AND STRUCTURES) PRIOR TO TURNING PROJECT OVER TO THE OWNER. AFTER PROJECT TURNOVER, THE OWNER SHALL BE THE RESPONSIBLE PARTY FOR INSPECTION AND THE PROPER FUNCTIONING OF ALL STORMWATER CONVEYANCE PRACTICES AND MEASURES. THE OWNER MAY ASSIGN AN ENVIRONMENTAL MANAGER TO CARRY OUT SPECIFIC TASKS IDENTIFIED BELOW.
- 4) CATCH BASIN/FIELD INLETS: ALL CATCH BASINS, AND ANY OTHER FIELD INLETS THROUGHOUT THE COLLECTION SYSTEM, NEED TO BE INSPECTED ON A MONTHLY BASIS TO ENSURE THAT THE INLET ENTRY POINT IS CLEAR OF DEBRIS AND WILL ALLOW THE INTENDED WATER ENTRY. AT THAT TIME, THESE WILL BE CLEARED IF NECESSARY. ON A YEARLY BASIS, OR WHEN SEDIMENT REACHES TWO THIRDS OF THE TOTAL VOLUME, CATCH BASINS NEED TO BE VACUUMED AND CLEARED OF ALL ACCUMULATED SEDIMENT. WORK MUST BE DONE BY A VACUUM TRUCK. THE REMOVED MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH STATE OF MAINE SOLID WASTE DISPOSAL RULES.

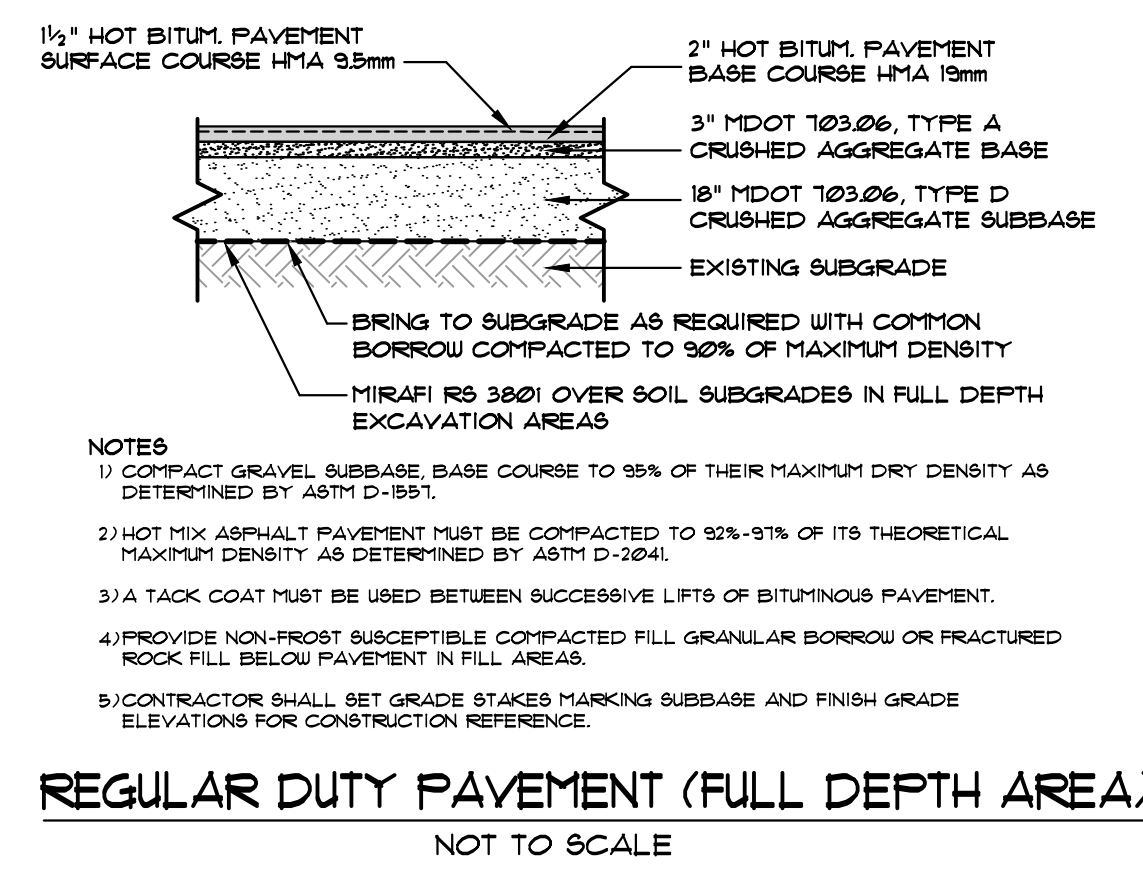
GENERAL NOTES

- 1) THE CONTRACT WORK TO BE PERFORMED ON THIS PROJECT CONSISTS OF FURNISHING ALL REQUIRED LABOR, MATERIALS, EQUIPMENT, IMPLEMENTS, PARTS AND SUPPLIES NECESSARY FOR, OR APPURTENANT TO, THE INSTALLATION OF CONSTRUCTION IMPROVEMENTS IN ACCORDANCE WITH THESE DRAWINGS AND AS FURTHER ELABORATED IN ANY ACCOMPANYING SPECIFICATIONS.
- 2) THE WORK SHALL BE PERFORMED IN A THOROUGH WORKMANLIKE MANNER. ALL CONTRACTORS ARE TO CONFORM TO ALL APPLICABLE OSHA STANDARDS. ANY REFERENCE TO A SPECIFICATION OR DESIGNATION OF THE AMERICAN SOCIETY FOR TESTING MATERIALS, FEDERAL SPECIFICATIONS, OR OTHER STANDARDS, CODES OR ORDERS, REFERS TO THE MOST RECENT OR LATEST SPECIFICATION OR DESIGNATION.
- 3) ALL CONSTRUCTION WITHIN THE CITY OF AUGUSTA RIGHT OF WAY SHALL COMPLY WITH CITY PUBLIC WORKS. ALL CONSTRUCTION WITHIN A STATE RIGHT OF WAY SHALL COMPLY WITH MAINE DOT STANDARDS. ALL UTILITY CONSTRUCTION SHALL CONFORM TO RESPECTIVE UTILITY STANDARDS.
- 4) THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF AUGUSTA REQUIRED TO PERFORM THE WORK (STREET OPENING, BUILDING PERMIT, ETC.). THE CONTRACTOR SHALL POST ALL BONDS AS REQUIRED, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- 5) PRIOR TO CONSTRUCTION, THE SITE CONTRACTOR IS TO INFORM ALL AREA UTILITY COMPANIES AND GOVERNMENTAL AGENCIES OF PLANNED CONSTRUCTION. THE SITE CONTRACTOR IS REQUIRED TO CONTACT DIG-SAFE 1-800-225-4911 AT LEAST 3 BUSINESS DAYS PRIOR TO ANY EXCAVATION TO VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY LOCATIONS. ADDITIONAL CONTACTS INCLUDE (BUT ARE NOT LIMITED TO): CITY OF AUGUSTA - ENGINEERING DEPT., 4 AUGUSTA CONSTRUCTION INSPECTOR, TEL. 626-2365 ATTN: JERRY DOSTIE WATER & SEWER: AUGUSTA WATER & SEWERAGE DIST., 12 WILLIAM ST. TEL. 622-6184 ATTN: ANDY BEGIN TELEPHONE: VERIZON CABLE T.V.: TIME WARNER CABLE ELECTRIC: CENTRAL MAINE POWER CO.
- 6) THE PROJECT DRAWINGS ARE GENERALLY SCHEMATIC AND INDICATE THE POSSIBLE LOCATION OF EXISTING UNDERGROUND UTILITIES. INFORMATION ON EXISTING UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY MAPS, MUNICIPAL RECORD MAPS, AND FIELD SURVEY. IT IS NOT GUARANTEED TO BE CORRECT OR COMPLETE. UTILITIES ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SERVICES, WHEN THE SERVICES ARE TO BE LEFT IN PLACE. THE CONTRACTOR IS TO PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING THE EXCAVATING AND BACKFILLING OPERATIONS. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE FOUND, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH THE WORK IN THIS AREA.
- 7) DO NOT INTERRUPT EXISTING UTILITIES SERVING THE PREMISES USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND CITY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- 8) OSHA REGULATIONS MAKE IT UNLAWFUL TO OPERATE CRANES, BOOMS, HOISTS, ETC., WITHIN TEN FEET (10') OF ANY ELECTRIC LINE UNDER 50KV. IF THE CONTRACTOR MUST OPERATE CLOSER THAN 10', THE CONTRACTOR MUST CONTACT THE POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS BEFORE ENCRDACHING ON THIS REQUIREMENT.
- 9) IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL PLANS, APPROVALS, AND DETAILS FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL THE SITE CONDITIONS IN THE FIELD AND CONTACT THE DESIGN ENGINEER IF THERE ARE ANY DISCREPANCIES REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT AN APPROPRIATE REVISION CAN BE MADE PRIOR TO BIDDING.
- 10) THE CONTRACTOR SHALL REFERENCE SITE PLANS OF RECORD FOR MORE INFORMATION ON EXISTING CONDITIONS.
- 11) ALTERNATE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED IN WRITING BY THE OWNER, DESIGN ENGINEER, AND APPROPRIATE GOVERNMENTAL AGENCY PRIOR TO INSTALLATION.
- 12) THE CONTRACTOR SHALL RESTORE ALL UTILITY STRUCTURES, PIPE, UTILITIES, PAVEMENT, CURBS, SIDEWALKS, AND LANDSCAPED AREAS DISTURBED BY CONSTRUCTION TO AS GOOD AS BEFORE BEING DISTURBED AS DETERMINED BY BIVY OFFICIALS. ANY DAMAGES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 13) TRAFFIC CONTROL MEASURES SHALL BE UTILIZED IN ACCORDANCE WITH THE LATEST REVISION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR SHALL PROVIDE, MAINTAIN AND PROTECT TRAFFIC CONTROL DEVICES TO THE EXTENT REQUIRED BY LAW FOR THE PROTECTION OF THE PUBLIC CONSISTING OF BARRIERS, SIGNS, LIGHTS, FENCES, AND UNIFORMED TRAFFIC CONTROL PERSONNEL AS REQUIRED OR ORDERED BY THE DESIGN ENGINEER OR CODE ENFORCEMENT PERSONNEL. THE CONTRACTOR SHALL MAINTAIN ALL TRAFFIC LANES AND PEDESTRIAN WALKWAYS AT ALL TIMES UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE CITY OF AUGUSTA. PAVEMENT MARKINGS SHALL BE FAST DRYING TYPE IN ACCORDANCE WITH MDOT SPECIFICATIONS. TWELVE INCH (12") WIDE STOP BAR AND FOUR INCH (4") WIDE STRIPES SHALL BE LOCATED AS SHOWN ON THE PLANS.
- 14) THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL PRODUCT, MATERIALS AND PLANT SPECIFICATIONS TO THE OWNER AND DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 10 WORKING DAYS FOR REVIEW.
- 15) THE CONTRACTOR SHALL RETAIN AN INDEPENDENT TESTING LABORATORY FOR SOIL AND PAVEMENT TESTS AT CONTRACTOR COSTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH ANY RECONSTRUCTION AND RE-TESTING OF UNSATISFACTORY SOILS OR PAVEMENT.
- 16) ALL EXCAVATION SHALL BE BACKFILLED TO EXISTING GRADE BEFORE THE END OF THE DAY OR ADEQUATELY PROTECTED FROM DANGER TO HUMANS AND ANIMALS.
- 17) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT. THE OWNER WILL PROVIDE A BASE LINE OR COORDINATES AND BENCHMARK AT THE CONSTRUCTION SITE FROM WHICH TO BEGIN LAYOUT.
- 18) THE CONTRACTOR SHALL FURNISH ELECTRICAL POWER, WATER, AND SANITARY FACILITIES FOR HIS EXCLUSIVE USE AT THE CONSTRUCTION SITE SHOULD THE CONTRACTOR DEEM THIS ESSENTIAL FOR THE PROPER PERFORMANCE OF THE CONTRACT.
- 19) WORK MAY PROGRESS MONDAY THROUGH SATURDAY 7:00 AM TO 7:00 PM. WORK AT OTHER TIMES MAY PROCEED UPON WRITTEN APPROVAL BY THE OWNER AND CITY.
- 20) THE CONTRACTOR SHALL GUARANTEE THE FAITHFUL REMEDY OF ANY DEFECTS DUE TO FAULTY MATERIALS OR WORKMANSHIP AND GUARANTEES PAYMENT FOR ANY RESULTING DAMAGE WHICH SHALL APPEAR WITHIN A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT.
- 21) THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.
- 22) A PRE-CONSTRUCTION CONFERENCE WITH THE OWNER, DESIGNERS, AND CONTRACTOR SHALL BE REQUIRED BEFORE ANY CONSTRUCTION OCCURS ON THE PROJECT. DURING CONSTRUCTION, THERE SHALL BE WEEKLY PROGRESS MEETINGS WITH THE OWNER (ON-SITE OR TELECONFERENCE) UNTIL PROJECT COMPLETION.
- 23) PROPER IMPLEMENTATION AND MAINTENANCE OF EROSION CONTROL MEASURES ARE OF PARAMOUNT IMPORTANCE FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTIONS OF THE OWNER, THEIR REPRESENTATIVES, OR STATE/LOCAL/FEDERAL INSPECTORS AT NO ADDITIONAL COST TO THE OWNER.
- 24) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL RULES, REGULATIONS AND LAWS.
- 25) THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF ALL SITE IMPROVEMENTS WITHIN THE WORK AREA INCLUDING TRANSPORTATION AND TIPPING FEES AT A CITY-APPROVED LANDFILL OR DISPOSAL SITE.

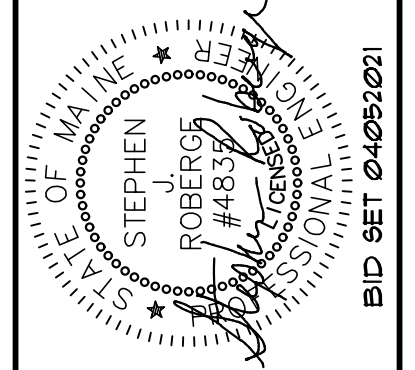
1. WHEELCHAIR RAMP
A) WHEELCHAIR RAMP SHALL BE REQUIRED IN ALL NEW RADIUS CORNERS.
B) NO VEHICULAR ACCESS SHALL BE PERMITTED THROUGH THE RADIUS CURB.
2. ALL CURB JOINTS
A) ALL CURB JOINTS TO BE MORTARED FULL DEPTH OF CURB AND FROM GUTTER LINE TO BOTTOM OF CURB ON FRONT OF CURB.
3. LAWN AREA
A) IF ANY LAWN AREAS ARE CUT OR FILLED, THEY ARE TO BE LOAMED AND SEEDED.
4. LOCATING AND MAINTAINING PROPERTY
A) LOCATING AND MAINTAINING PROPERTY MARKERS THROUGHOUT CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.



ADA RAMP DETAIL
NOT TO SCALE



REGULAR DUTY PAVEMENT (FULL DEPTH AREA)
NOT TO SCALE



DATE	PROJECT
DEC. 2019	2019-39
DRAWN BY	SCALE
SJR	AS NOTED

SJR ENGINEERING, INC.
16 THURSTON DRIVE
MONMOUTH, MAINE 04259
(207) 242-6248 tel
steve@s.jreng.com

SJR ENGINEERING

CONSTRUCTION DETAILS & NOTES
CHAMBERLAIN STREET
PARKING LOT IMPROVEMENTS
PREPARED FOR
STATE OF MAINE
BUREAU OF REAL ESTATE MANAGEMENT

DATE	PROJECT
DEC. 2019	2019-39
DRAWN BY	SCALE
SJR	AS NOTED