

ADDENDUM NUMBER 2

December 9, 2022

**PROJECT: A BUILDING RENOVATION FOR
WEST ALABAMA PUBLIC TRANSIT CENTRAL OFFICES
FOR THE WEST ALABAMA PUBLIC TRANSPORTATION
DEMOPOLIS, ALABAMA
GMC PROJECT NO. AMGM210039**

AD2-1 GENERAL:

- A. The following revisions and/or additions to the Drawings and Project Manual are hereby made a part of same, and shall be incorporated in the Work of the Contract the same as if originally included in the Bid and Construction Documents.
- B. Bidders shall acknowledge receipt of this Addendum in writing, as provided on the Proposal Form.
- C. When a revision and/or addition is called for to the Drawings or Project Manual, they shall be fully coordinated with and carried through all applicable Drawings and portions of the Project Manual, including in part, all related Civil, Landscaping, Architectural, Structural, Plumbing, Mechanical, Electrical, and other Documents.

AD2-2 PROJECT MANUAL AND SPECIFICATIONS:

- A. None.

AD2-3 DRAWINGS:

- A. Add the Civil drawings listed below which are also attached to this Addendum No. 2:
 - 1. C-001 – Project Notes
 - 2. C-002 – Existing Conditions & Demolition Plan
 - 3. C-100 – Site Layout Plan
 - 4. C-101 – Site Layout Plan
 - 5. C-200 – Site Grading Plan
 - 6. C-300 – Utility Plan
 - 7. C-600 – Erosion Control Plan
 - 8. C-901 – Details
 - 9. C-902 – Details
 - 10. C-903 – Erosion Control Details

AD2-4 MISCELLANEOUS:

A. None.

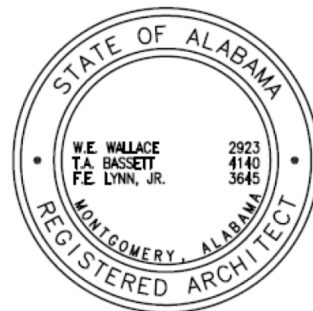
END OF ADDENDUM NUMBER 2

Attachments: Civil Drawings – 10 pages (36x24)

PREPARED BY:

GMC

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Tel 334.271.3200 | GMCNETWORK.COM
Goodwyn Mills Cawood, LLC



SITE NOTES

- 1. SIDEWALKS SHALL BE 5 FEET WIDE AND 4 INCHES THICK EXCEPT AS SHOWN ON THE SITE PLAN. ALL SIDEWALKS SHALL HAVE A BROOM FINISH.
2. THE CONTRACTOR SHALL ADHERE TO THE LOCATIONS AND GEOMETRIC SHAPES FOR PADS OTHER THAN THE BUILDING AS SHOWN ON THE SITE PLAN UNLESS SPECIFIC DETAILS ARE PROVIDED IN THE ARCHITECTURAL DRAWINGS.
3. IN THE EVENT THAT THERE IS A DISCREPANCY FOR MINOR OUT STRUCTURES BETWEEN THE CIVIL DRAWINGS AND THE ARCHITECTURAL DRAWINGS, THE ARCHITECTURAL DRAWINGS WILL HAVE PRECEDENCE.
4. THE CONTRACTOR SHALL USE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ANY WORK DONE ON THE PAD, CONNECTING RAMPS, DOOR STOOPS, STEPS AND THE DUMPSTER PAD AREA.
5. THE CONTRACTOR SHALL ABIDE BY THE CONCRETE PAVEMENT RECOMMENDATIONS AS SET FORTH IN THE GEOTECHNICAL REPORT INCLUDING SUBGRADE PREPARATION.
6. THE CONTRACTOR SHALL PLACE CONSTRUCTION JOINTS AND FLEXIBLE JOINT COMPOUND AS RECOMMENDED IN THE GEOTECHNICAL REPORT AND IN ACCORDANCE WITH THE PORTLAND CEMENT ASSOCIATION.
7. THE CONTRACTOR SHALL SUBMIT A SKETCH OF JOINT PLACEMENT TO THE ENGINEER FOR APPROVAL PRIOR TO THAT PHASE OF WORK.
8. ALL RAMPS, GRADES IN HANDICAP AREAS, HANDICAP SIGNS AND HANDICAP PARKING AREAS SHALL CONFORM TO CURRENT ADA-AG STANDARDS REGARDLESS IF SHOWN CORRECTLY ON THE PLANS OR NOT.

UTILITY NOTES

- 1. ALL WORK DESCRIBED, SHOWN, REFERENCED, OR OTHERWISE INDICATED IN OR ON THE DRAWINGS, PROPOSAL, ADVERTISEMENT AND SPECIFICATIONS ARE TO BE COMPLETED IN PLACE AND SERVICEABLE ACCORDING TO THE PLANS, INSTRUCTIONS, SPECIFICATIONS, LINES AND GRADES INDICATED ON THE PLANS AND ALL APPLICABLE STATE, FEDERAL, AND MUNICIPAL CODES AND STANDARDS. INDIVIDUAL ITEMS OF WORK THAT ARE NECESSARY TO COMPLETE THE PROJECT TO THE LINES AND GRADES, WHETHER SHOWN OR DESCRIBED IN THE PLANS AND SPECIFICATIONS, ARE TO BE CONSIDERED INCIDENTAL AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR IS EXPECTED TO CAREFULLY EXAMINE THE PLANS, PROPOSAL AND SITE OF THE WORK. THEREFORE, IT WILL BE ASSUMED THAT THE BIDDER HAS SATISFIED HIMSELF AS TO THE CONDITIONS TO BE ENCOUNTERED IN REGARDS TO THE CHARACTER, QUALITY, AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED, AND AS TO THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND CONTRACT. THE SUBMISSION OF A PROPOSAL BY A BIDDER WILL BE CONSIDERED PRIMA FACIE EVIDENCE THAT THE BIDDER HAS MADE SUCH AN EXAMINATION.
3. THE WORK ON THIS PROJECT SHALL ADHERE TO THE FOLLOWING SPECIFICATIONS, STANDARDS AND/OR REGULATIONS:

- ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA)
-BEST MANAGEMENT PRACTICES MANUAL AND THE REQUIREMENTS OF THE SITE
-SPECIFIC NPDES DISCHARGE PERMIT ISSUED FOR THIS PROJECT
-ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - LATEST EDITION. ANY AND ALL REFERENCES TO UNIT PRICES ARE NOT APPLICABLE TO THIS PROJECT.
-CITY OF DEMOPOLIS STANDARDS AND SPECIFICATIONS.
-DEMOPOLIS WATER WORKS AND SANITARY SEWER BOARDS' SPECIFICATIONS AND STANDARDS.
-MARENGO COUNTY STANDARDS AND SPECIFICATIONS.
-THE DRAWINGS AND SPECIFICATIONS.
IF CONFLICTS ARISE BETWEEN THESE REQUIREMENTS, THE MORE STRINGENT SHALL APPLY.

- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ALL PERMITS FOR THIS PROJECT.
5. SITE SECURITY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. ALL FUEL STORAGE TANKS USED ON THE SITE BY THE CONTRACTOR MUST MEET ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
7. THE CONTRACTOR WILL BE RESPONSIBLE FOR TEMPORARY DIVERSION OF RUNOFF WATER, AS REQUIRED TO FACILITATE CONSTRUCTION OR AS DIRECTED ON-SITE BY THE ENGINEER. THIS TEMPORARY DRAINAGE OF RUNOFF IS CONSIDERED INCIDENTAL TO THE BID.
8. ELECTRONIC DATA THAT MAY BE GIVEN TO THE CONTRACTOR EITHER AS AN AID IN THE PREPARATION OF HIS BID OR IN THE CONSTRUCTION OF THE IMPROVEMENTS WILL BE DONE SO STRICTLY AS A COURTESY TO THE CONTRACTOR. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE ELECTRONIC INFORMATION SO TRANSFERRED. IN ALL CASES, THE PRINTED PLANS AS ISSUED BY THE ENGINEER SHALL GOVERN. A LETTER RELEASING THE ENGINEER FROM LIABILITY WILL BE REQUIRED OF THE CONTRACTOR PRIOR TO THE RELEASE OF SAID INFORMATION.
9. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE APPLICABLE GOVERNMENTAL AGENCIES AND DEPARTMENTS OF THE BEGINNING OF CONSTRUCTION.
10. THE CONTRACTOR IS RESPONSIBLE FOR HAVING ALL EXISTING UTILITIES LOCATED PRIOR TO CONSTRUCTION, INCLUDING STUBOUTS. EXISTING UTILITIES SHOWN HAVE BEEN DRAWN USING THE BEST AVAILABLE INFORMATION AND HAVE NOT BEEN FIELD VERIFIED. ALL EXISTING UTILITIES TO BE UNCOVERED AND VERIFIED AS TO SIZE, LOCATION, ELEVATION AND CONDITION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
11. THE CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH REMOVING AND/OR RELOCATING EXISTING UTILITIES AND STRUCTURES TO CONSTRUCT THE IMPROVEMENTS SHOWN IN THESE PLANS. THE CONTRACTOR SHALL NOT RECEIVE ADDITIONAL COMPENSATION FOR REMOVING AND/OR RELOCATING ANY EXISTING ITEMS.
12. NO DEVIATION FROM THE PLANS IS ALLOWED WITHOUT PRIOR APPROVAL FROM THE ENGINEER. SAID APPROVAL SHALL BE GIVEN IN WRITING.
13. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE VARIOUS UTILITY COMPANIES ON THE PLACEMENT OF THEIR SERVICES.
14. THE CONTRACTOR SHALL USE BENDS AND FITTINGS AS NECESSARY TO CONSTRUCT THE WATER LINE AS SHOWN.
15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FINAL APPROVAL OF WORK DONE ON OR ADJACENT TO EXISTING STREETS/ROADS AND RIGHT OF WAY. WRITTEN APPROVAL FROM THE APPLICABLE AGENCY IS REQUIRED PRIOR TO RELEASE OF THE CONTRACTOR'S RETAINAGE.
16. THE CONTRACTOR MUST ADJUST ALL VALVE BOXES, COVERS, METERS, MANHOLE RIMS, AND OTHER WATER, STORM, POWER, TELECOMMUNICATIONS AND SANITARY SEWER SERVICE APPURTENANCES TO FINAL GRADE. THE COST OF THESE ADJUSTMENTS SHALL BE INCLUDED IN THE BID.
17. ALL SANITARY SEWER SHALL BE LAID FROM THE LOWEST POINT FOLLOWING THE RISING GRADE.

- 19. BACKFILL AND COMPACTION OF ALL TRENCHES WILL CONFORM TO THE RECOMMENDATION OF THE GEOTECHNICAL ENGINEER. TESTING OF THE FILL AND COMPACTION MUST BE PERFORMED BY THE TESTING LABORATORY ACCORDING TO THE SPECIFICATIONS WITH THE TEST REPORTS FORWARDED TO THE ENGINEER. ANY BACKFILL FAILING TO MEET COMPACTION REQUIREMENTS WILL BE REMOVED AND REWORKED UNTIL COMPACTION IS ACHIEVED. THIS WORK SHALL BE DONE AT THE CONTRACTORS EXPENSE.
20. WATER LINES SHALL HAVE A MINIMUM COVER OF 36 INCHES.
21. IF THE WATER OR SANITARY SEWER LINE CROSSES ANY UTILITY WITH LESS THAN 2 FEET OF VERTICAL SEPARATION BETWEEN THE WATER AND SANITARY SEWER, THE TRENCH SHALL BE BACKFILLED WITH CRUSHED STONE AND THE PIPE MATERIAL SHALL BE DUCTILE IRON.
22. THERE SHALL BE A MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE BETWEEN WATER AND SANITARY SEWER LINE CROSSINGS.
23. ANY WORK ON PUBLIC RIGHT OF WAY WILL REQUIRE A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE M.U.T.C.D. PREPARATION AND SUBMITTAL OF SAID PLAN TO THE APPROPRIATE AUTHORITY IS THE RESPONSIBILITY OF THE CONTRACTOR.
24. THE COST OF ALL WORK SHOWN IN THE PLANS IS THE RESPONSIBILITY OF THE CONTRACTOR UNLESS STATED OTHERWISE.
25. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR TO PUBLIC AND PRIVATE ROADS CAUSED BY HIS ACTIVITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET WITH PRIVATE ENTITIES, STATE, CITY AND COUNTY OFFICIALS TO AGREE UPON AND RECORD THE CONDITIONS OF THE ROADS BEFORE CONSTRUCTION COMMENCES.
26. ALL PAVING WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF ALDOTS STANDARDS AND SPECIFICATIONS.
27. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL COSTS ASSOCIATED WITH SHORING/STABILIZING EXISTING UTILITIES DURING CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
28. THE WATER AND SANITARY SEWER LINES AND APPURTENANCES FOR THIS PROJECT SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE WATER WORKS AND SANITARY SEWER BOARD OF THE CITY OF DEMOPOLIS.
29. ALL PIPES SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
30. 3M MARKERS FOR WATER MODEL #1403-XR EVERY 20' AND AT FITTINGS. DO NOT INSTALL MORE THAN 48" DEEP. BALLS SHALL BE INSTALLED AT EVERY JOINT AND EVERY FITTING. WARNING TAPE IS REQUIRED.

EROSION/SEDIMENTATION CONTROL NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE ADEM/EPA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR THIS PROJECT PRIOR TO ANY CONSTRUCTION/DISTURBANCE ACTIVITIES. ALL ROUTINE COSTS ASSOCIATED WITH THIS PERMIT INCLUDING BUT NOT LIMITED TO TRANSFER FEES, PERIODIC INSPECTION FEES, NOTICE OF TERMINATION, ADEM/EPA FINES, ETC. SHALL BE THE RESPONSIBILITY OF THE OWNER. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FINES INCURRED AS PART OF THE CONSTRUCTION ACTIVITY OF THE CONTRACTOR AS WELL AS ANY PROFESSIONAL SERVICES ASSOCIATED WITH REPLYING TO NOTICE OF VIOLATION AND/OR CONSENT ORDERS SENT BY ADEM.
2. THESE STANDARD DETAILS SHALL BE APPLICABLE TO ALL LAND DISTURBING ACTIVITIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION/ SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH ADEM/EPA "BEST MANAGEMENT PRACTICES" AND ADEM NPDES CONSTRUCTION GENERAL PERMIT CONDITIONS. MEASURES SHOWN ON THE PLANS SHOULD BE CONSIDERED MINIMUMS. THE ENGINEER, OCP, ADEM AND/OR LOCAL AUTHORITIES MAY REQUIRE THE CONTRACTOR TO CLEAN UP SILT/SEDIMENT, REPLACE EROSION CONTROL OR ADD ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME OVER THE COURSE OF THE PROJECT. IF THE MEASURES IN PLACE DO NOT APPEAR TO BE ADEQUATE AND/OR FUNCTIONING PROPERLY, THE COST ASSOCIATED WITH ANY OF THESE CORRECTIVE MEASURES SHALL BE INCLUDED IN THE CONTRACTOR'S BID. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR THIS WORK.
4. MAINTENANCE OF SAID STRUCTURES AND/OR MEASURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL CONTROL MEASURES SHALL BE CHECKED, AND REPAIRED AS NECESSARY, MONTHLY IN DRY PERIODS, AND WITHIN 24 HOURS AFTER ANY RAINFALL AT THE SITE. DURING PROLONGED RAINFALLS, DAILY CHECKING AND, IF NECESSARY, REPAIRING SHALL BE DONE. THE PERMITTEE SHALL MAINTAIN WRITTEN RECORDS OF SUCH CHECKS AND REPAIRS ON SITE AT ALL TIMES, AND RECORDS SHALL BE SUBJECT TO INSPECTION AT ANY REASONABLE TIME.
5. ALL BMPs SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE CONDITIONS OUTLINED IN THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS, CITY OF DEMOPOLIS STANDARDS FOR EROSION AND SEDIMENT CONTROL, THE PLANS AND SPECIFICATIONS. IF CONFLICTS ARISE BETWEEN THESE REQUIREMENTS, THE MORE STRINGENT SHALL APPLY.
6. THE CONTRACTOR IS RESPONSIBLE FOR WHATEVER MEASURES ARE NECESSARY TO PRODUCE AND MAINTAIN AN ACCEPTABLE STAND OF GRASS. SAID MEASURES TO INCLUDE (BUT NOT LIMITED TO) WATERING, RE-SEEDING, REGRADING ERODED AREAS, RE-FERTILIZING, ETC.
7. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING MUD AND DEBRIS OFF PRIVATE STREETS, CITY/STATE STREETS AND ROW AT ALL TIMES. CLEANUP IS REQUIRED DAILY.
8. THE CONTRACTOR SHALL KEEP A COPY OF THE "BEST MANAGEMENT PRACTICES"/CBMPP ON SITE AT ALL TIMES FOR THE LIFE OF THE PROJECT.

- 9. ANY AREA THAT HAS BEEN CLEARED OF ITS VEGETATIVE COVER AND WILL REMAIN SO FOR FIFTEEN (15) DAYS OR LONGER WITHOUT APPRECIABLE CONSTRUCTION ACTIVITY MUST BE SEEDED AND MULCHED WITHIN THIRTEEN (13) DAYS OF BEING DISTURBED. THOSE AREAS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE LATEST EDITION OF THE ALDOT'S CONSTRUCTION SPECIFICATIONS, UTILIZING THE SEED MIXES SHOWN ON THE DETAILS.

- 10. ADDITIONAL BMPs MAY BE REQUIRED BY THE ENGINEER, OCP, ADEM AND CITY OF DEMOPOLIS OVER THE COURSE OF THE PROJECT TO PREVENT SEDIMENT RELEASE FROM THE SITE. THE COST ASSOCIATED WITH THESE ADDITIONAL BMPs SHALL BE INCLUDED IN THE CONTRACTOR'S BID. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR THIS WORK.

- 11. THE USE OF FLOC-BLOCKS/ POLYACRYLAMIDE (PAM) OR OTHER SETTLING ENHANCEMENT MATERIALS SHALL BE REQUIRED DURING THE COURSE OF CONSTRUCTION TO MINIMIZE TURBIDITY AND PREVENT SEDIMENT RELEASE FROM THE SITE. THE ENGINEER, OCP, ADEM AND CITY OF DEMOPOLIS MAY REQUIRE ADDITIONAL FLOC-BLOCKS/ PAM IF THE ITEMS BEING USED ARE NOT ADEQUATE TO PREVENT THE RELEASE OF SILT/SEDIMENTATION. THE COST ASSOCIATED WITH THESE ADDITIONAL FLOC-BLOCKS/ PAM SHALL BE INCLUDED IN THE CONTRACTORS BID. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR THIS WORK. AT A MINIMUM PAM SHALL BE PLACED AT SLOPE PAVED HEADWALLS.

- 12. THE CONTRACTOR SHALL STABILIZE ALL DISTURBED AREAS IMMEDIATELY AFTER THE COMPLETION OF THE GRADING OPERATION.

- 13. MAINTENANCE OF ALL EARTH SURFACES, INCLUDING DITCH/SWALE SLOPES, IS THE RESPONSIBILITY OF THE CONTRACTOR. SAID MAINTENANCE TO INCLUDE REGRADING, TEMPORARY GRASSING, MOWING, ETC. AS MAY BE REQUIRED.

- 14. THE ENGINEER OR THE OCP MAY REQUIRE THE CONTRACTOR TO CLEAN UP SILT/SEDIMENT, REPLACE EROSION CONTROL OR ADD ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME. IF THE MEASURES IN PLACE DO NOT APPEAR TO BE ADEQUATE AND/OR FUNCTIONING PROPERLY, THE COST ASSOCIATED WITH ANY OF THESE CORRECTIVE MEASURES SHALL BE INCLUDED IN THE CONTRACTOR'S BID. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR THIS WORK.

- 15. THE CONTRACTOR SHALL FREQUENTLY REMOVE ANY AND ALL SILT/SEDIMENTATION FROM THE SILT FENCE, DITCHES, CHECK DAMS AND DETENTION AREAS AS PER ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS. AT THE END OF CONSTRUCTION THESE AREAS SHALL BE COMPLETELY FREE OF SILT/SEDIMENTATION AND SHALL BE STABILIZED AS STATED IN THE PLANS AND SPECIFICATIONS.

- 16. MAINTENANCE OF ALL EARTH SURFACES, INCLUDING DITCH/SWALE SLOPES, IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL AN ACCEPTABLE STAND OF GRASS IS OBTAINED. SAID MAINTENANCE TO INCLUDE REGRADING, TEMPORARY GRASSING, MOWING, ETC. AS MAY BE REQUIRED.

- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL MEASURES ONCE ACCEPTABLE PERMANENT STABILIZATION IS ACHIEVED. THE OWNER AND OCP/ENGINEER SHALL DETERMINE IF THE PERMANENT STABILIZATION IS ACCEPTABLE PRIOR TO REMOVAL OF ANY TEMPORARY EROSION CONTROL MEASURES.

- 18. THE CONTRACTOR SHALL INCLUDE IN HIS/HER BID THE INSTALLATION OF A MINIMUM 20 FT X 40 FT GRAVEL CONSTRUCTION ENTRANCE/ EXIT PAD. SEE THE CONSTRUCTION EXIT/ENTRANCE PAD ON DETAILS.

- 19. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCES AS REQUIRED TO PREVENT SILT/SEDIMENTATION FROM LEAVING THE SITE. THIS INCLUDES BUT IS NOT LIMITED TO WASHING DOWN OF THE CONSTRUCTION ENTRANCE

- 20. ALL AREAS OUTSIDE OF THE BUILDING AND PAVEMENT AREA TO RECEIVE A 6-INCH LAYER OF TOPSOIL. TOPSOIL SHALL BE AS FOLLOWS:

- A. FERTILE, FRIABLE, NATURALLY OCCURRING, FREE OF STONES, CLAY, LUMPS, HARDPAN, ROOTS, STUMPS, BRANCHES, STICKS AND OTHER DEBRIS LARGER THAN ONE (1) INCH IN ANY DIMENSION; FREE OF NOXIOUS WEEDS, GRASSES, SEEDS, PLANTS, EXTRANEIOUS MATTER AND ANY SUBSTANCE HARMFUL TO PLANT GROWTH. TOPSOIL FROM OPEN FIELDS WILL NOT BE ACCEPTED.
B. PH: 5.0 TO 7.0
a. ORGANIC MATTER: 5% TO 10%
b. SAND: 50% TO 70%
c. SILT: LESS THAN 30%
d. CLAY: 10% TO 25%
e. PERMEABILITY RATE OF 5 X 10 <-3-> CENTIMETERS OR GREATER AT 85% COMPACTION.

- 21. ALL DISTURBED AREAS OUTSIDE THE BUILDING AND PAVEMENT AREA TO BE SEEDED AND MULCHED WITH THE APPROPRIATE ALDOT MIXTURE.

- 22. ALL STORM DRAINAGE INLETS AND JUNCTION BOXES TO BE PROTECTED FROM SEDIMENTATION AT ALL TIMES. THESE STRUCTURES SHALL BE PROTECTED WITH SILT SAVERS OR PRE-APPROVED EQUIVALENT PRIOR TO THE FRAME AND GRATE/LID BEING INSTALLED. IF THE CONTRACTOR UTILIZES ROUND BOXES, THEN ROUND FRAME SILT SAVERS SHALL BE USED. ONCE THE FRAME AND GRATE/LID IS PLACED ON THE INLETS, AND JUNCTION BOXES, THE CONTRACTOR SHALL UTILIZE DANDY SACKS OR PRE-APPROVED EQUIVALENT. GUTTER EELS SHALL BE UTILIZED UNTIL ALL VEGETATION HAS BEEN INSTALLED AND "GROWN IN".

- 23. THE CONTRACTOR SHALL UTILIZE NEW FILTERS ON THE SILT SAVERS AT THE BEGINNING OF THE PROJECT. THE CONTRACTOR SHALL BE REQUIRED TO REPLACE THE FILTERS WHENEVER THE ENGINEER, OCP OR CITY OF DEMOPOLIS STATES THEY ARE NOT ADEQUATE. THE COST OF THE REPLACEMENT FILTERS SHALL BE INCLUDED IN THE CONTRACTORS BID. THE CONTRACTOR SHALL NOT RECEIVE ADDITIONAL COMPENSATION FOR THE COST OF REPLACING THE FILTERS.

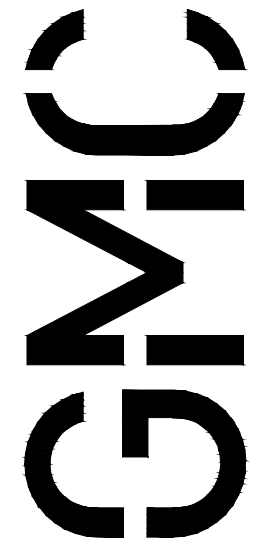
- 24. THE CONTRACTOR SHALL PERMANENTLY STABILIZE ALL DISTURBED AREAS PRIOR TO FINAL ACCEPTANCE OF WORK. PERMANENT STABILIZATION SHALL CONSIST OF FINE GRADING TO REMOVE ALL REELS, PERMANENT SEEDING SHALL BE PLACED ALONG WITH STRAW, AND SAID PERMANENT GRASSING SHALL HAVE TAKEN ROOT AND BE ESTABLISHED IN A MANNER TO PREVENT EROSION REELS FROM FORMING. THE CONTRACTOR SHALL RESEED, WATER, REDRESS WASHES, CUT TEMPORARY VEGETATION OR ANY PERFORM ANY OTHER WORK NECESSARY TO ESTABLISH PERMANENT VEGETATION. ALL COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED THE FINAL BID PRICE.

- 25. TEMPORARY STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER WORK TOWARD PROJECT COMPLETION AND FINAL STABILIZATION OF ANY PORTION OF THE SITE HAS TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING THIRTEEN (13) CALENDAR DAYS. THOSE AREAS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE LATEST EDITION OF THE ALDOT CONSTRUCTION SPECIFICATIONS.

- 26. ALL HAZARDOUS SUBSTANCES USED FOR THIS PROJECT (PAINT, OIL, GREASE, AND OTHER PETROLEUM PRODUCTS) SHALL BE STORED IN ACCORDANCE WITH SPCO REGULATIONS. THESE SUBSTANCES SHALL BE STORED AWAY FROM STORM DRAINS, DITCHES AND GUTTERS IN WATER-TIGHT CONTAINERS. DISPOSAL OF THESE SUBSTANCES SHALL BE IN ACCORDANCE WITH ADEM REGULATIONS. CONTRACTOR SHALL PROVIDE ADEQUATE TRASH CONTAINERS ON SITE FOR THE DISPOSAL OF CONSTRUCTION MATERIALS WASTE. CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING ANY TRASH OR OTHER POLLUTANTS FROM ENTERING STORM DRAINS.

- 27. THE CONTRACTOR SHALL HAVE A WATER TRUCK AVAILABLE AT ALL TIMES TO HELP KEEP THE DUST DOWN ON THE SITE.

- 28. THE CONTRACTOR SHALL PROVIDE A FACILITY ON SITE FOR SANITARY WASTE DURING CONSTRUCTION AND SHALL ALSO PROVIDE A CONTAINER CAPABLE OF HOLDING CONSTRUCTION MATERIAL AND DEBRIS. ALL CONSTRUCTION WASTE AND DEBRIS AND TEMPORARY BMPs ARE TO BE REMOVED FROM THE SITE ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED AND SHALL BE DISPOSED OF AT A LANDFILL CAPABLE OF HANDLING SAID DEBRIS.



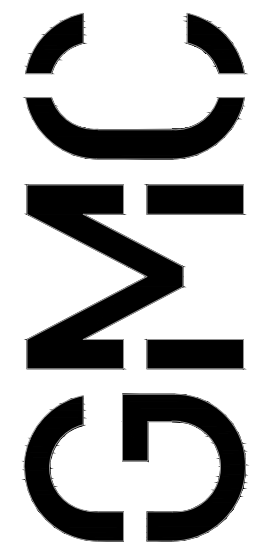
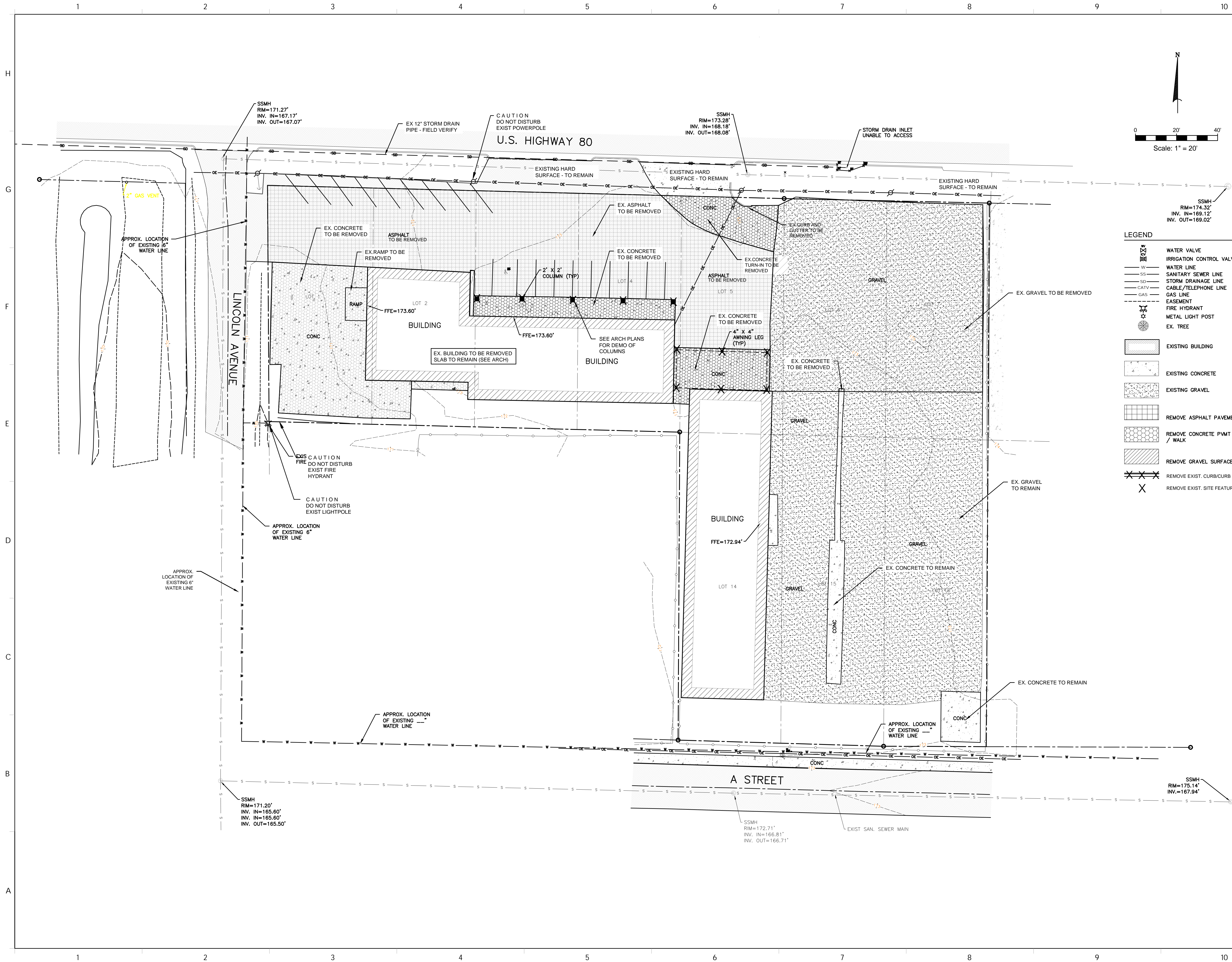
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Table with 2 columns: ISSUE, DATE. Rows include FINAL OWNER REVIEW, FINAL, BID SET, and BID SET - VALUE ENGINEER.

W. AL. PUBLIC TRANSPORTATION OFFICE
DEMOPOLIS, ALABAMA
AMGM210039



PROJECT NOTES
C-001
sheet of



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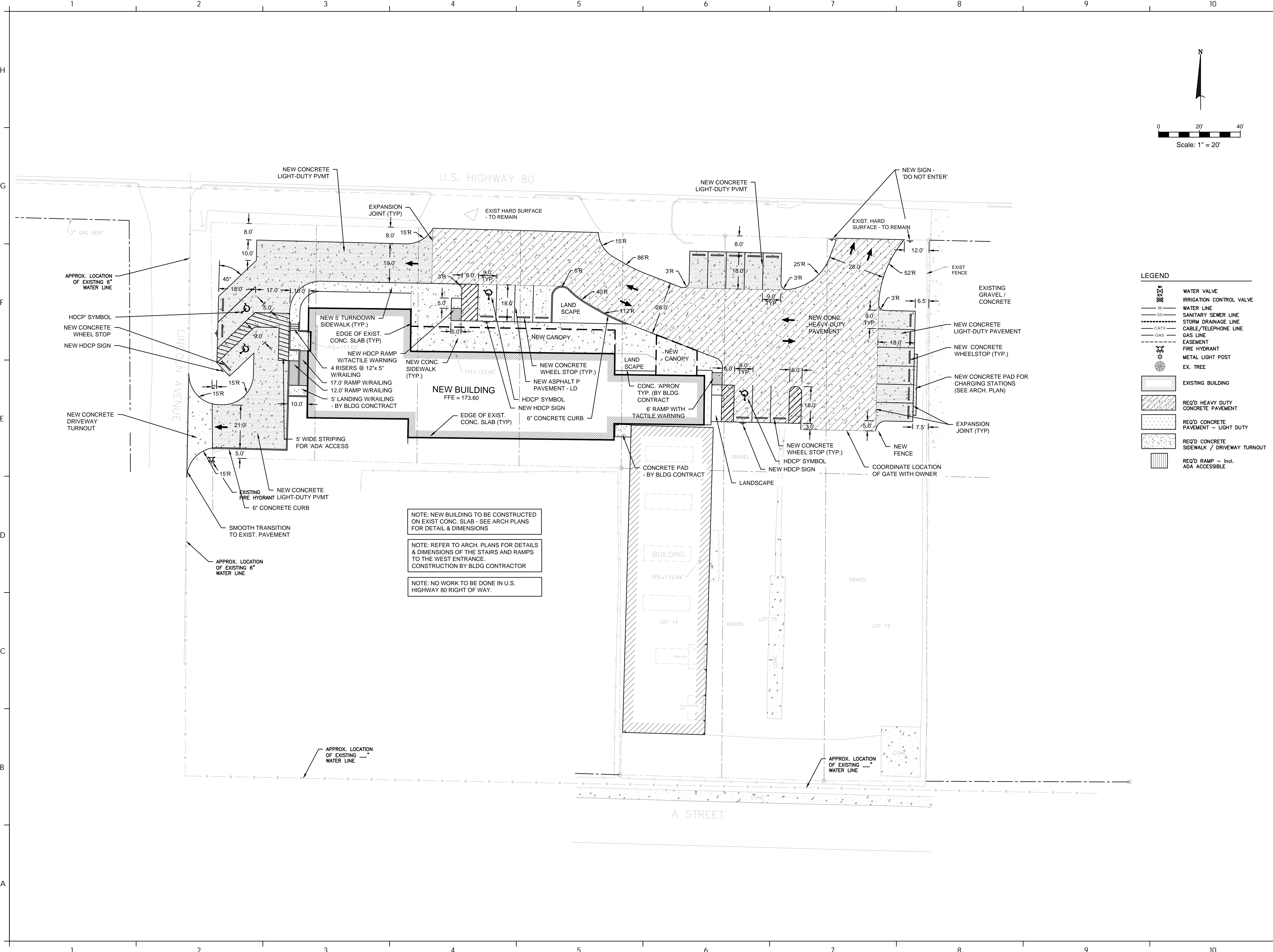
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FINAL OWNER REVIEW	04-05-2022
FINAL	04-20-2022
BID SET	06-20-2022
BID SET - VALUE ENGINEER	11-15-2022
DRAWN BY:	
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W. AL. PUBLIC TRANSPORTATION OFFICE
 DEMOPOLIS, ALABAMA
 AMGM210039



EXISTING CONDITIONS
 & DEMOLITION PLAN
C-002
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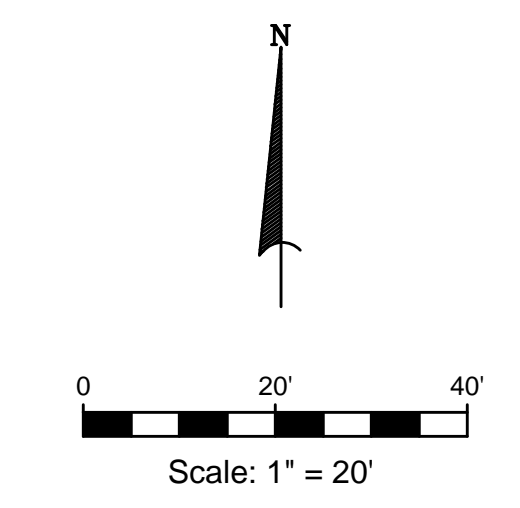
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NOTE: NEW BUILDING TO BE CONSTRUCTED ON EXIST CONC. SLAB - SEE ARCH PLANS FOR DETAIL & DIMENSIONS

NOTE: REFER TO ARCH. PLANS FOR DETAILS & DIMENSIONS OF THE STAIRS AND RAMPS TO THE WEST ENTRANCE. CONSTRUCTION BY BLDG CONTRACTOR

NOTE: NO WORK TO BE DONE IN U.S. HIGHWAY 80 RIGHT OF WAY.



LEGEND

- WATER VALVE
- IRRIGATION CONTROL VALVE
- WATER LINE
- SANITARY SEWER LINE
- STORM DRAINAGE LINE
- CATV
- CABLE/TELEPHONE LINE
- GAS LINE
- EASEMENT
- FIRE HYDRANT
- METAL LIGHT POST
- EX. TREE
- EXISTING BUILDING
- REQ'D HEAVY DUTY CONCRETE PAVEMENT
- REQ'D CONCRETE PAVEMENT - LIGHT DUTY
- REQ'D CONCRETE SIDEWALK / DRIVEWAY TURNOUT
- REQ'D RAMP - incl. ADA ACCESSIBLE

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ISSUE	DATE
FINAL OWNER REVIEW	04-06-2023
FINAL	04-20-2023
BID SET	06-20-2023
BID SET - VALUE ENGINEER	11-15-2022

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DEMOPOLIS, ALABAMA

AMGM210039

SITE LAYOUT PLAN

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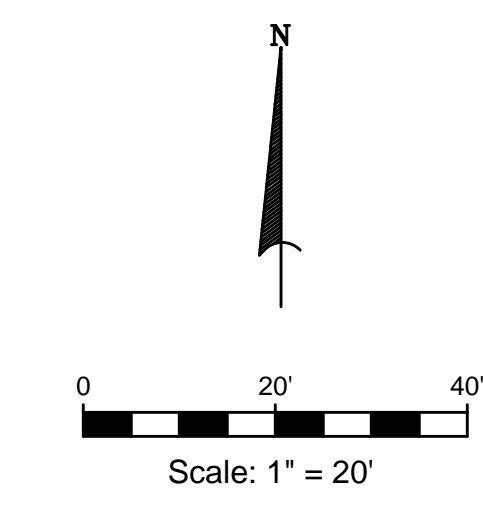
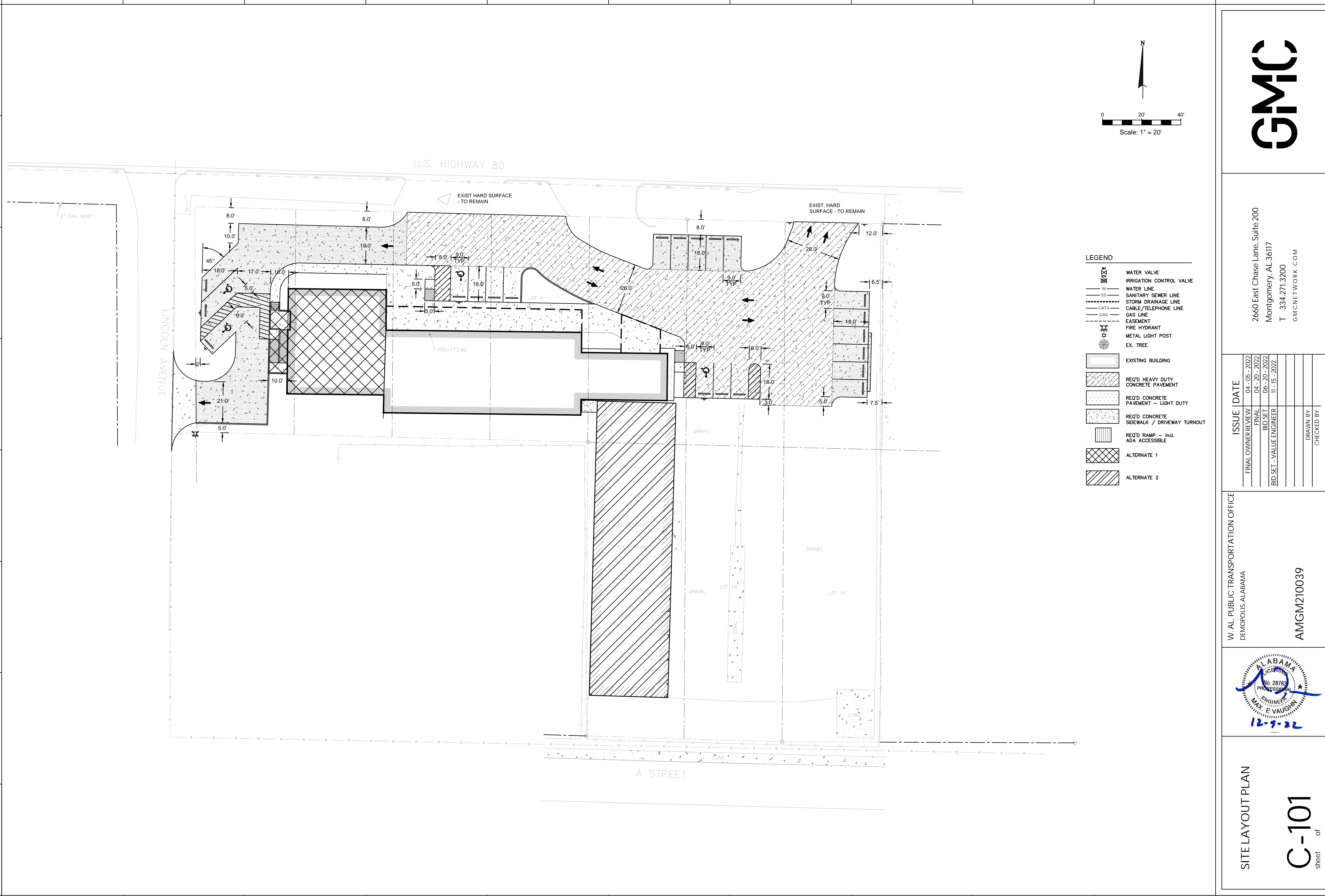
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PLOTTED: Nov 17, 2022 2:58pm



LEGEND

	WATER VALVE
	IRRIGATION CONTROL VALVE
	WATER LINE
	SANITARY SEWER LINE
	STORM DRAINAGE LINE
	CABLE/TELEPHONE LINE
	GAS LINE
	EASEMENT
	FIRE HYDRANT
	METAL LIGHT POST
	EX. TREE
	EXISTING BUILDING
	REO'D HEAVY DUTY CONCRETE PAVEMENT
	REO'D CONCRETE PAVEMENT - LIGHT DUTY
	REO'D CONCRETE SIDEWALK / DRIVEWAY TURNOUT
	REO'D RAMP - incl. ADA ACCESSIBLE
	ALTERNATE 1
	ALTERNATE 2

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ISSUE	DATE
FINAL OWNER REVIEW	04-06-2022
FINAL	04-20-2022
BID SET	06-20-2022
BID SET - VALUE ENGINEER	11-15-2022

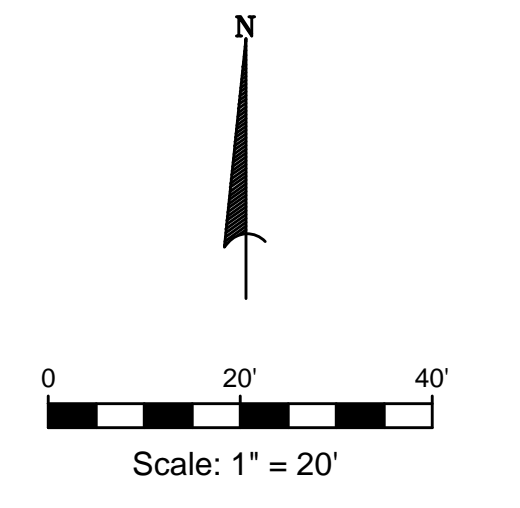
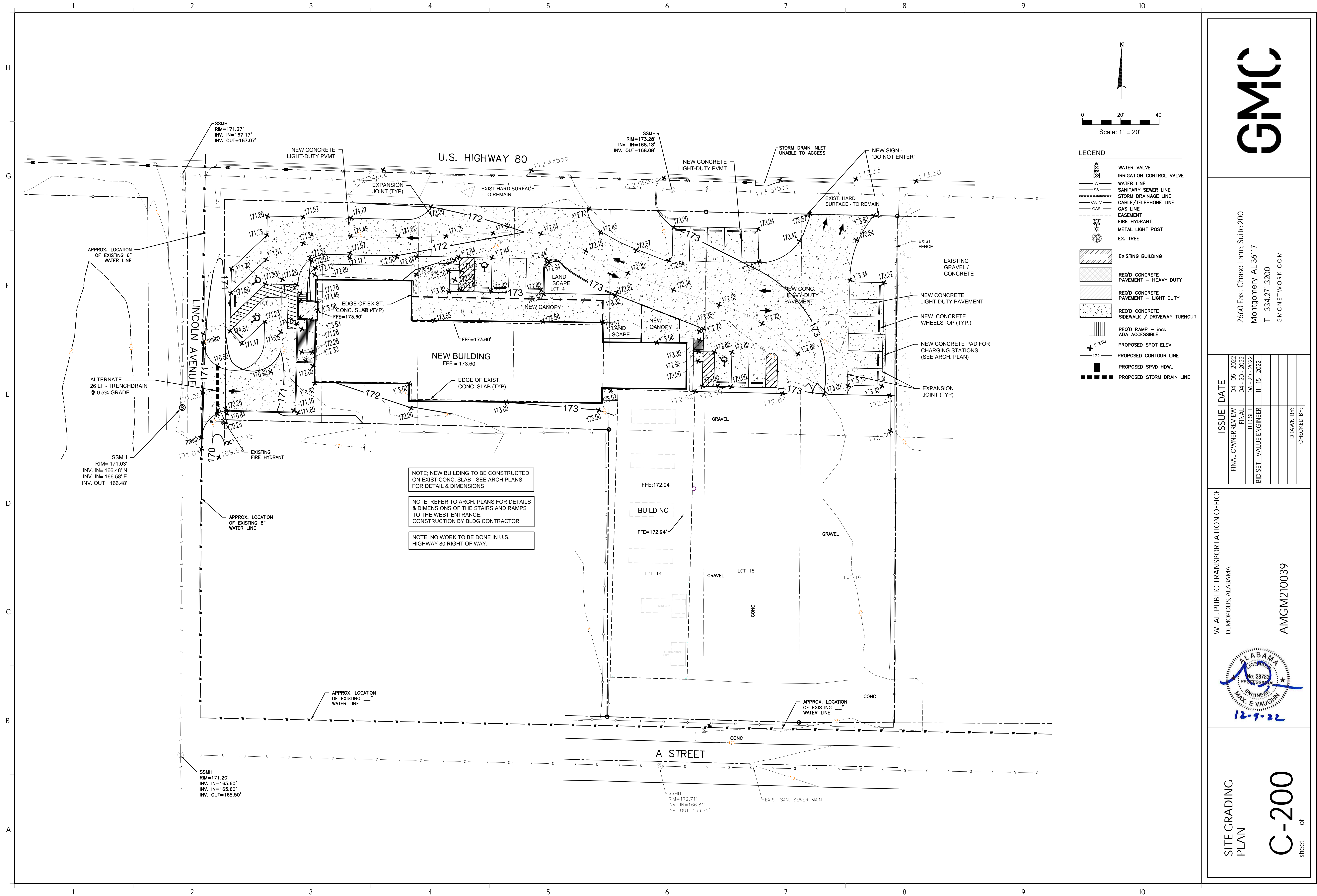
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SITE LAYOUT PLAN

C-101
Sheet of

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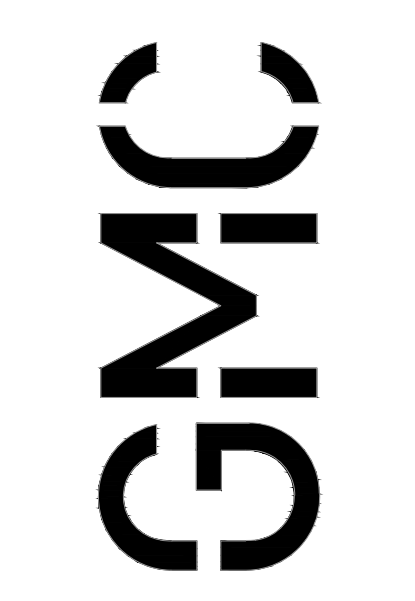
LEGEND

	WATER VALVE
	IRRIGATION CONTROL VALVE
	WATER LINE
	SANITARY SEWER LINE
	STORM DRAINAGE LINE
	CABLE/TELEPHONE LINE
	GAS LINE
	EASEMENT
	FIRE HYDRANT
	METAL LIGHT POST
	EX. TREE
	EXISTING BUILDING
	REQ'D CONCRETE PAVEMENT - HEAVY DUTY
	REQ'D CONCRETE PAVEMENT - LIGHT DUTY
	REQ'D CONCRETE SIDEWALK / DRIVEWAY TURNOUT
	REQ'D RAMP - Incl. ADA ACCESSIBLE
	PROPOSED SPOT ELEV
	PROPOSED CONTOUR LINE
	PROPOSED SPVD HDWL
	PROPOSED STORM DRAIN LINE

NOTE: NEW BUILDING TO BE CONSTRUCTED ON EXIST CONCR. SLAB - SEE ARCH PLANS FOR DETAIL & DIMENSIONS

NOTE: REFER TO ARCH. PLANS FOR DETAILS & DIMENSIONS OF THE STAIRS AND RAMPS TO THE WEST ENTRANCE. CONSTRUCTION BY BLDG CONTRACTOR

NOTE: NO WORK TO BE DONE IN U.S. HIGHWAY 80 RIGHT OF WAY.



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ISSUE	DATE
FINAL OWNER REVIEW	04-05-2022
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BID SET - VALUE ENGINEER	11-15-2022
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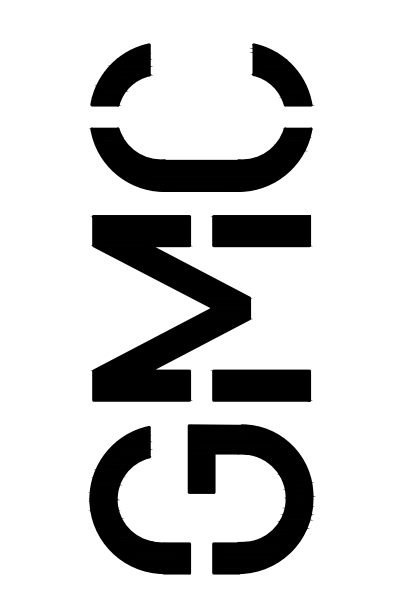
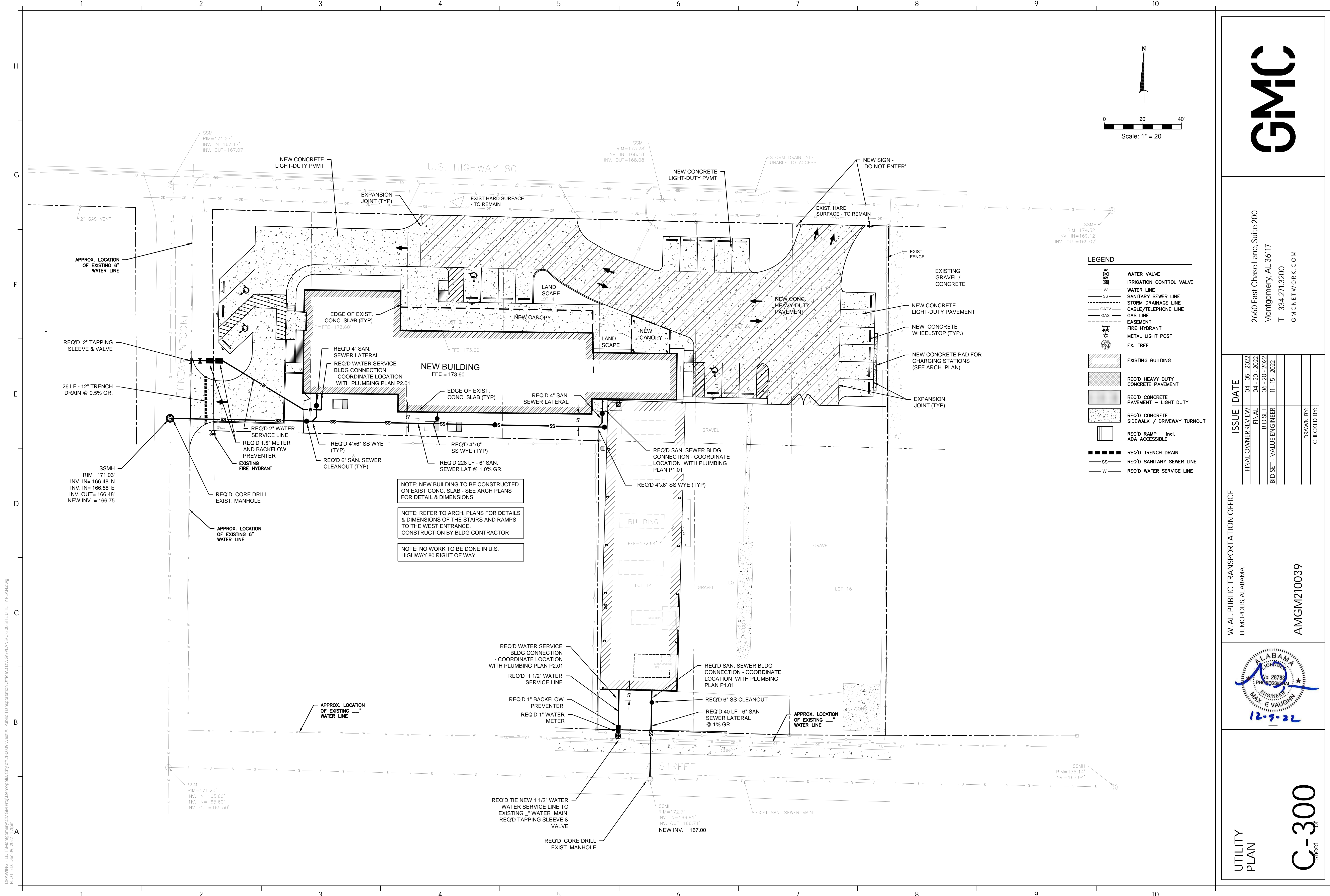
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SITE GRADING
 PLAN

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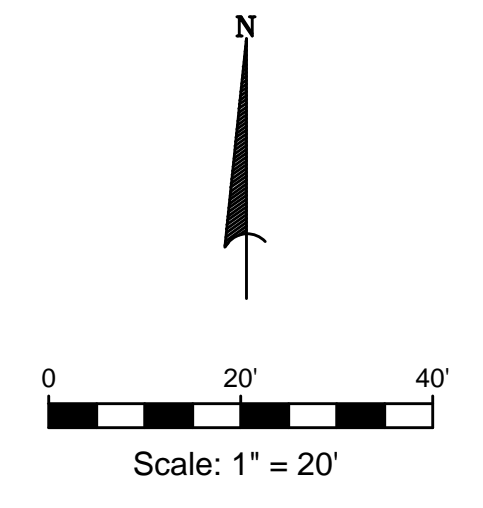
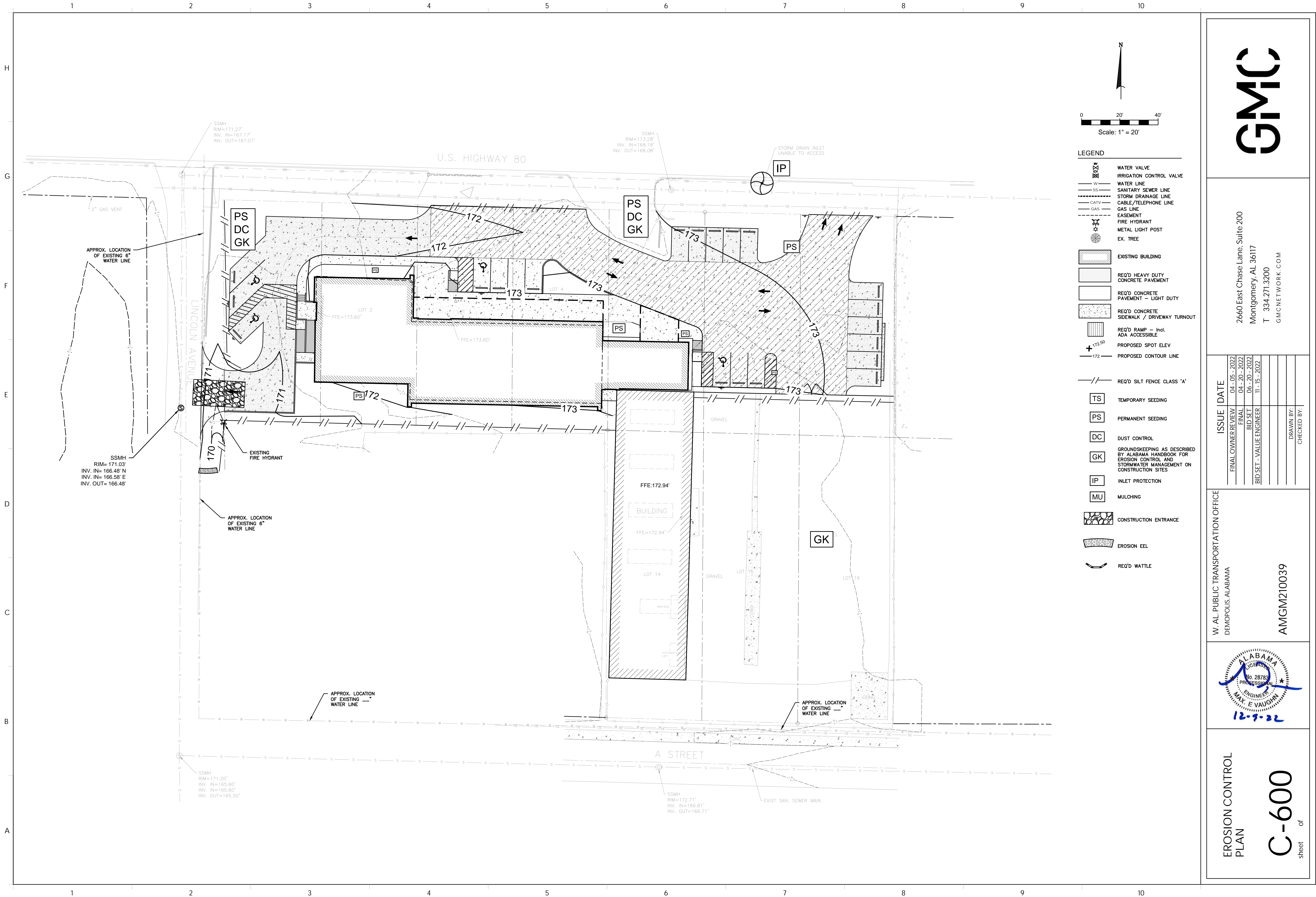
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UTILITY PLAN

C-300
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PLOTTED: Dec 09, 2022 2:11pm



- LEGEND**
- WATER VALVE
 - IRRIGATION CONTROL VALVE
 - WATER LINE
 - SANITARY SEWER LINE
 - STORM DRAINAGE LINE
 - CABLE/TELEPHONE LINE
 - GAS LINE
 - EASEMENT
 - FIRE HYDRANT
 - METAL LIGHT POST
 - EX. TREE
 - EXISTING BUILDING
 - REQ'D HEAVY DUTY CONCRETE PAVEMENT
 - REQ'D CONCRETE PAVEMENT - LIGHT DUTY
 - REQ'D CONCRETE SIDEWALK / DRIVEWAY TURNOUT
 - REQ'D RAMP - Incl. ADA ACCESSIBLE
 - PROPOSED SPOT ELEV
 - PROPOSED CONTOUR LINE
 - REQ'D SILT FENCE CLASS 'A'
 - TEMPORARY SEEDING
 - PERMANENT SEEDING
 - DUST CONTROL
 - GROUNDSKEEPING AS DESCRIBED BY ALABAMA HANDBOOK FOR EROSION CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES
 - INLET PROTECTION
 - MULCHING
 - CONSTRUCTION ENTRANCE
 - EROSION EEL
 - REQ'D WATTLE




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12-9-22

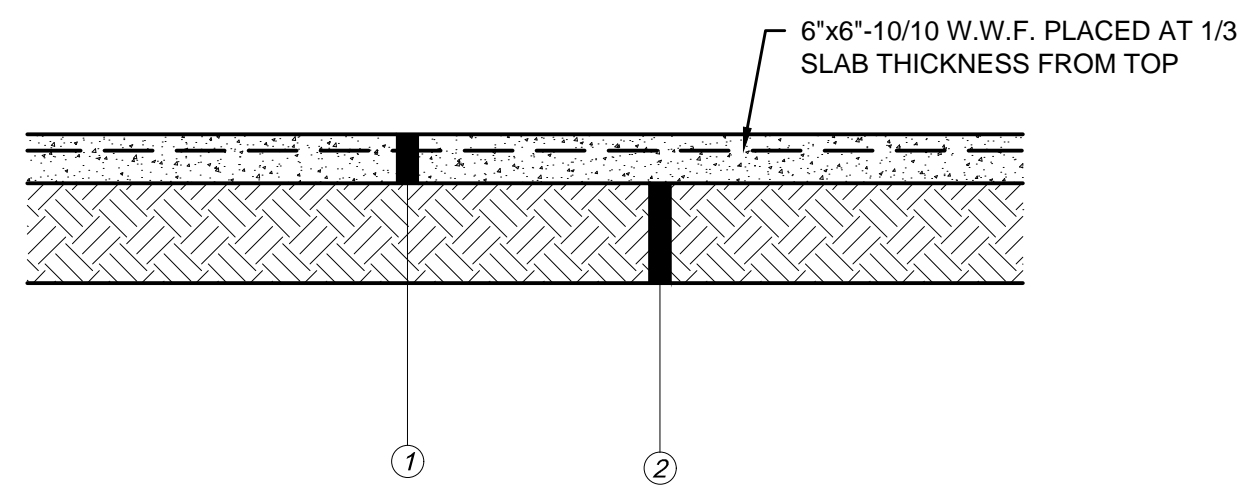
EROSION CONTROL PLAN

C-600

sheet of

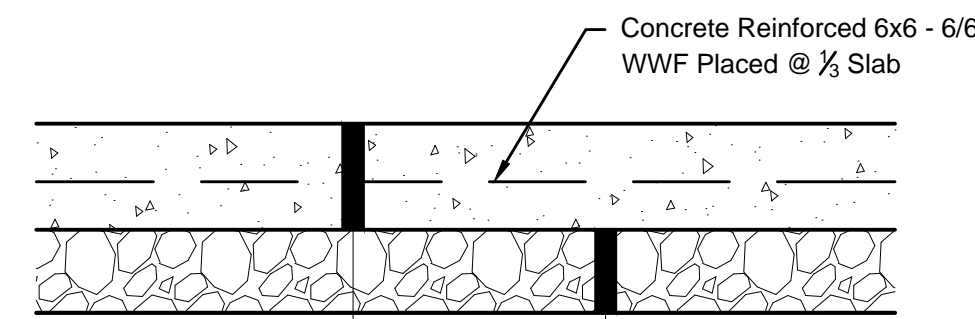
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NOTE:
TO BE VERIFIED BY GEOTECH



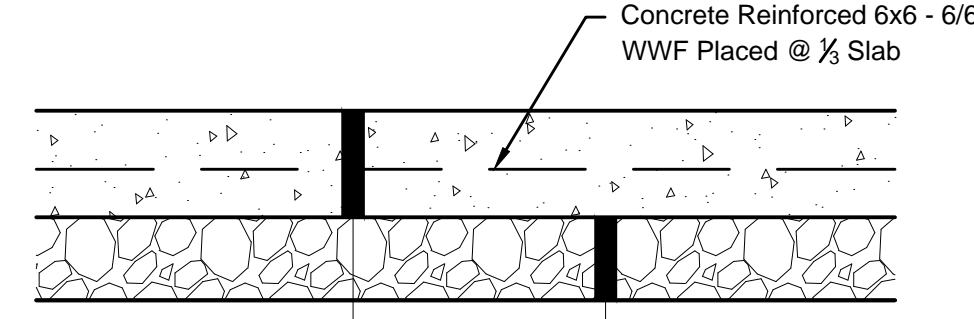
CONCRETE SIDEWALK
N.T.S.

- ① 4.0" 3000psi COMPRESSIVE STRENGTH CONCRETE WITH 6"x6"-10/10 W.W.F. (MINIMUM 525psi FLEXURAL STRENGTH) MAXIMUM 4" SLUMP.
- ② SUBGRADE COMPACTED TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY (SEE GEOTECHNICAL REPORT).



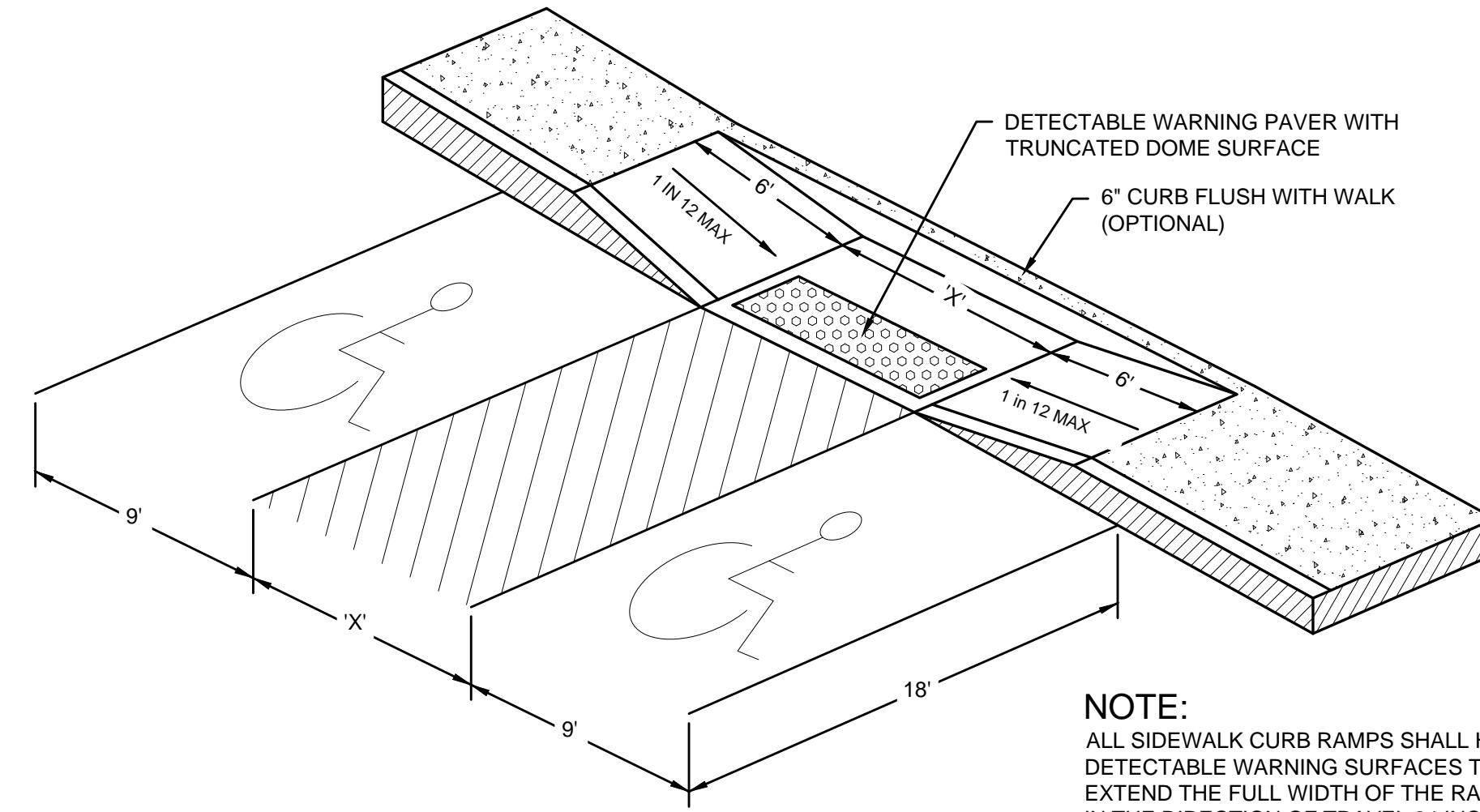
CONCRETE PAVING SECTION
N.T.S.

- 1 4.0" 4000psi COMPRESSIVE STRENGTH CONCRETE.
- 2 6.00" MIN. CRUSHED STONE BASE, ALDOT SECTION 825, TYPE B (COMPACTED TO 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY).



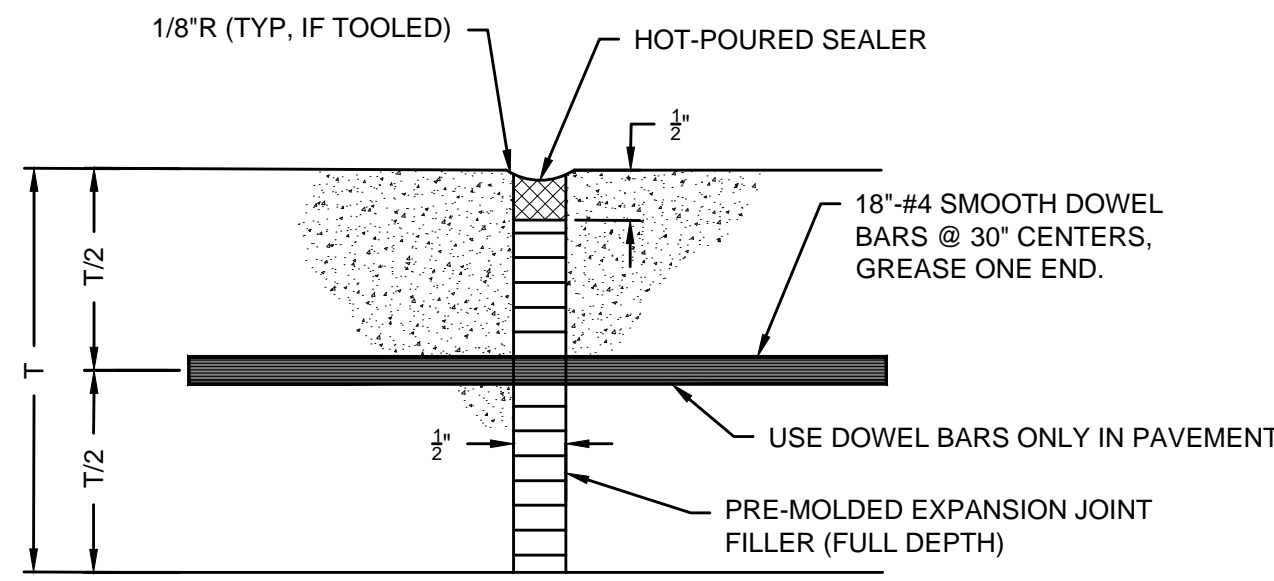
HEAVY DUTY CONCRETE PAVING SECTION
N.T.S.

- 1 6.00" 4000psi COMPRESSIVE STRENGTH CONCRETE.
- 2 6.00" MIN. CRUSHED STONE BASE, ALDOT SECTION 825, TYPE B (COMPACTED TO 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY).



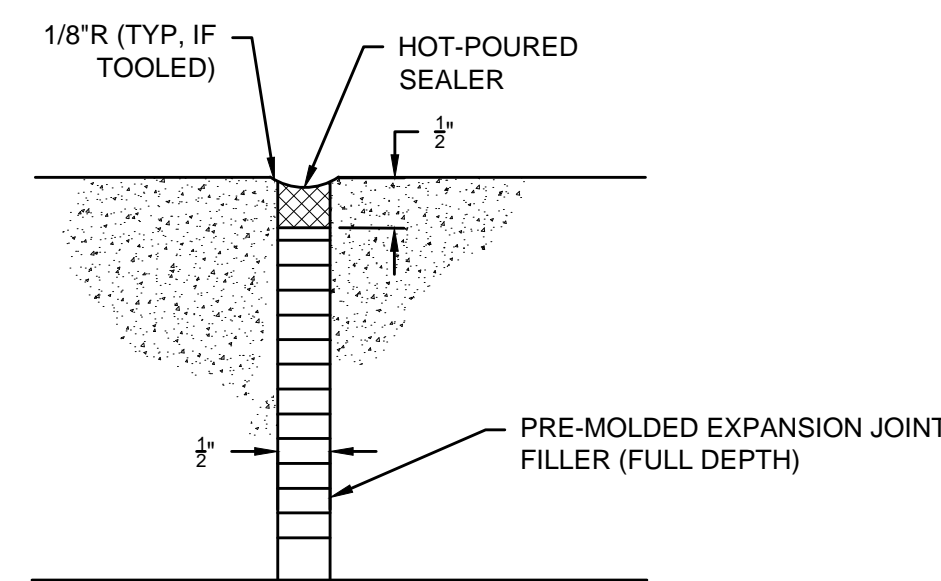
NOTE:
ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES FROM THE BACK OF CURB.

TYPICAL HANDICAP ACCESS RAMP DETAIL
NOT TO SCALE



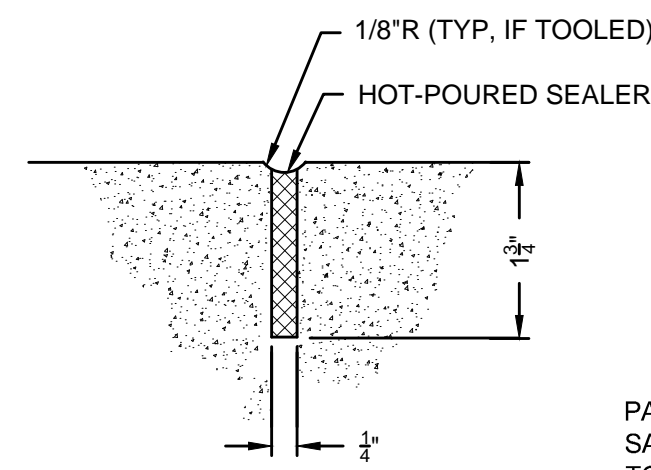
NOTE: DO NOT RUN MESH REINFORCEMENT THRU EXPANSION JOINT.

EXPANSION JOINT



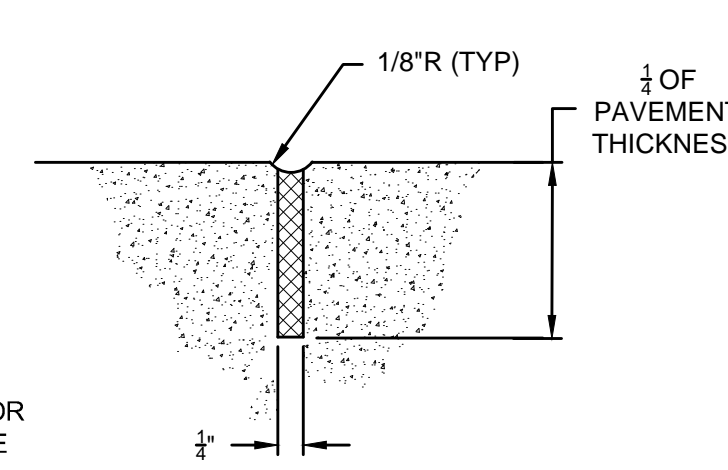
NOTE: DO NOT RUN MESH REINFORCEMENT THRU EXPANSION JOINT.

EXPANSION JOINT



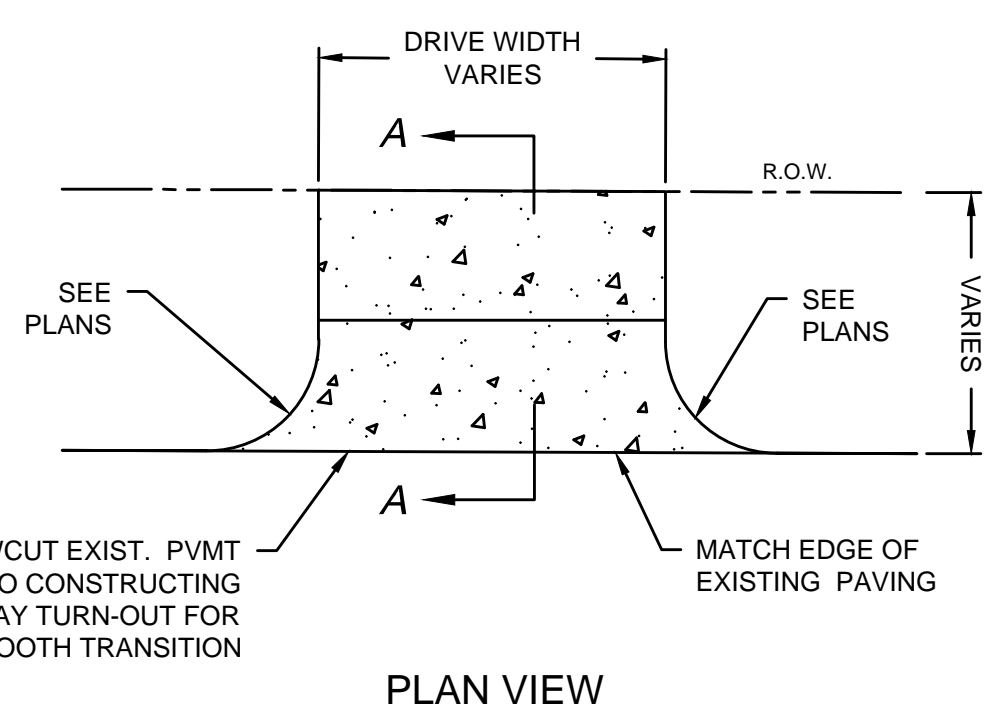
CONTRACTION JOINT PAVEMENT

- 1. EXPANSION JOINTS IN THE PAVEMENT SHALL BE A MAXIMUM WIDTH OF 30 FEET. CONTRACTION JOINTS SHALL BE EQUALLY SPACED BETWEEN EXPANSION JOINTS, MAX 10 FEET.
- 2. EXPANSION JOINTS IN THE SIDEWALK SHALL BE A MAXIMUM WIDTH OF 20 FEET. CONTRACTION JOINTS SHALL BE EQUALLY SPACED BETWEEN EXPANSION JOINTS, MAX 5 FEET.



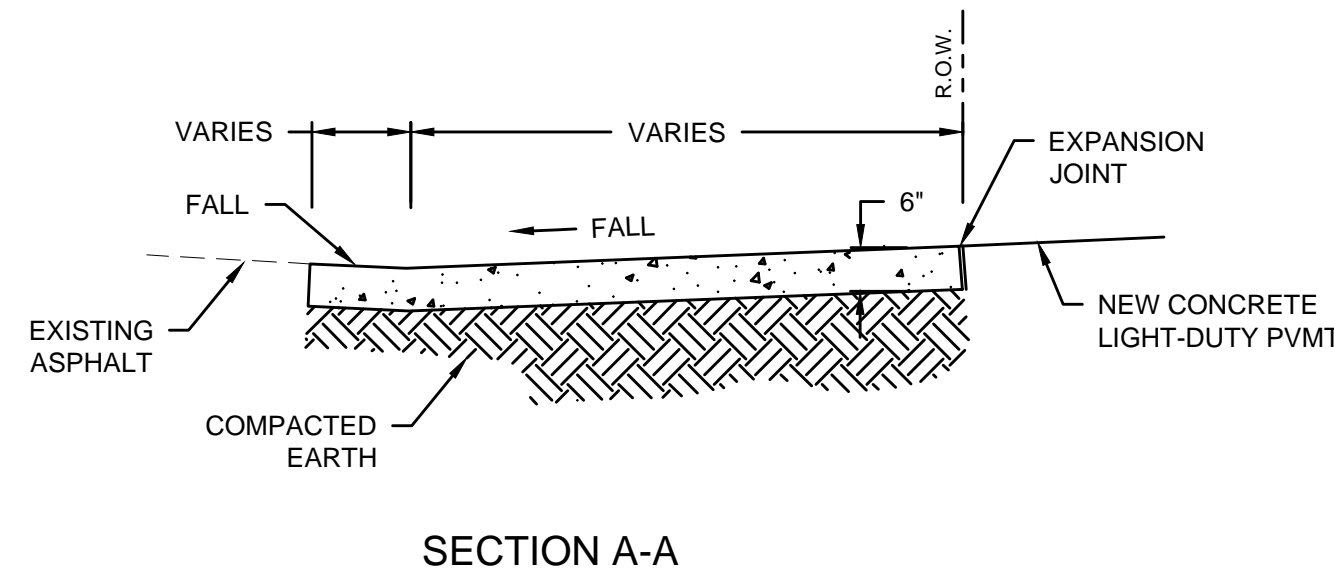
CONTRACTION JOINT SIDEWALK & FLUME

CONCRETE JOINT DETAILS
N.T.S.

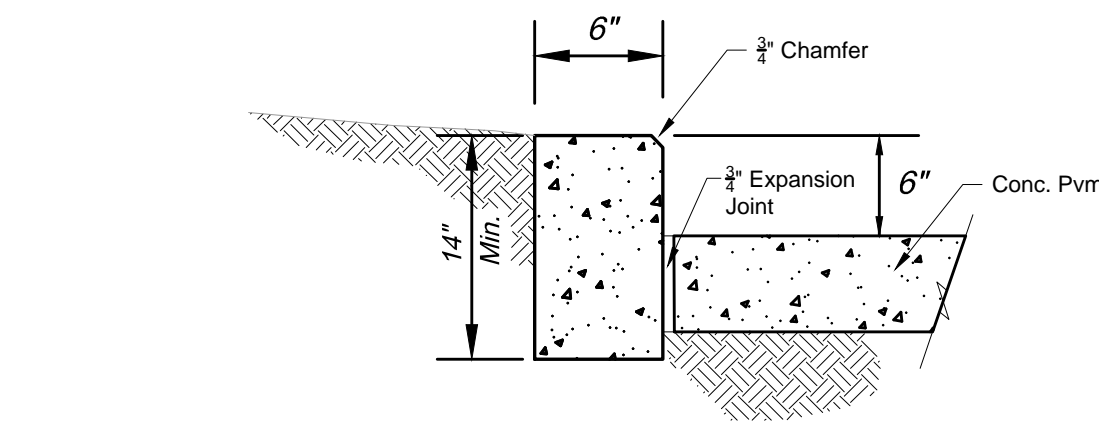


PLAN VIEW

COMMERCIAL CONCRETE TURNOUT
N.T.S.

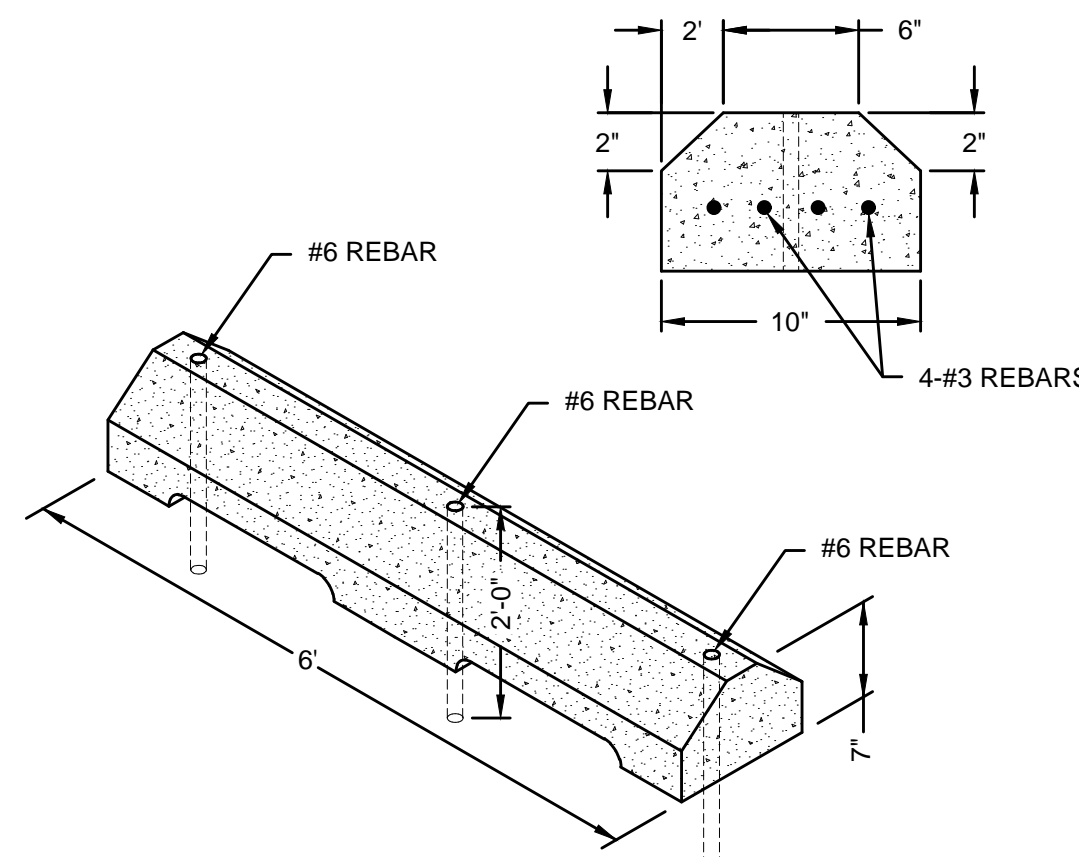


SECTION A-A



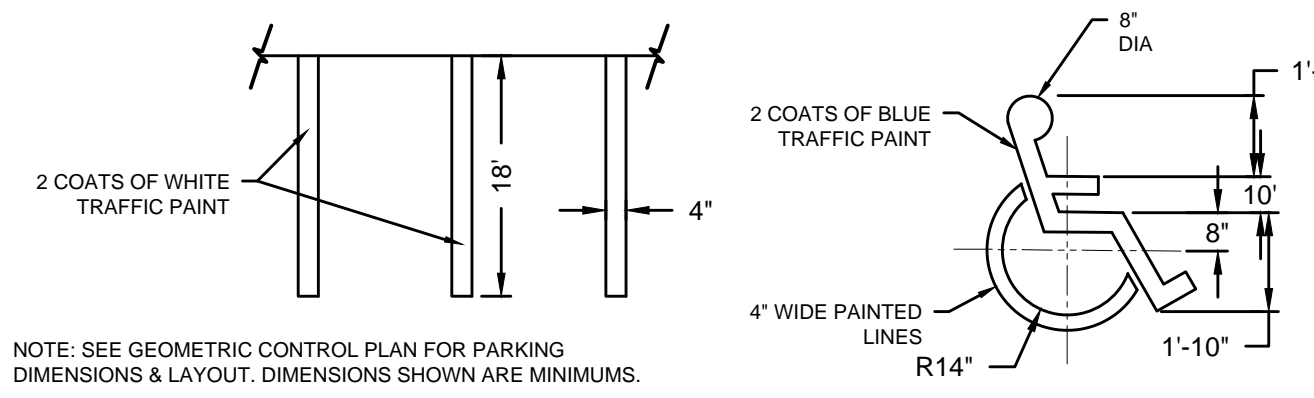
- ① 3000psi COMPRESSIVE STRENGTH CONCRETE WITH 6"x6"-10/10 W.W.F. (MINIMUM 525psi FLEXURAL STRENGTH) MAXIMUM 4" SLUMP.

STANDARD CONCRETE CURB
N.T.S.



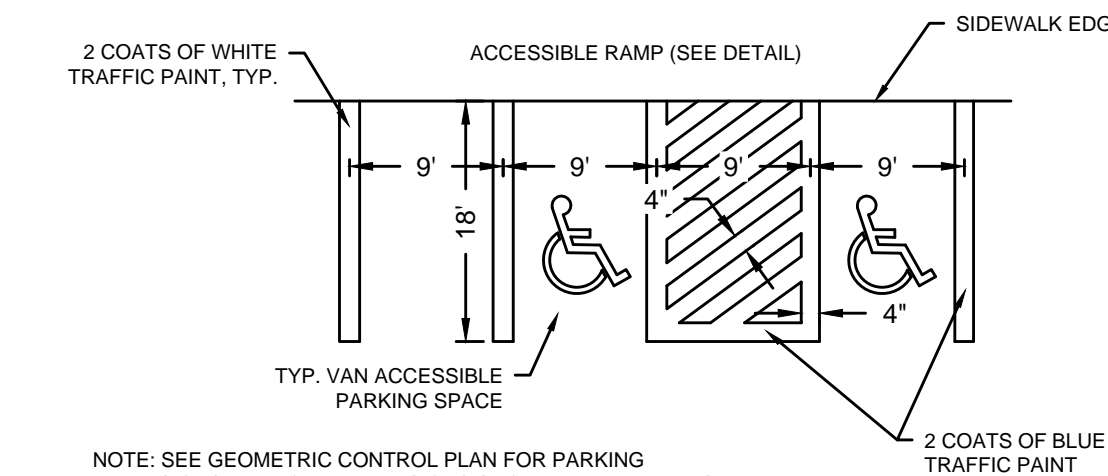
NOTE: CONCRETE SHALL BE AIR ENTRAINED, REINFORCED 4000psi CONCRETE.

CONCRETE WHEEL STOP
N.T.S.



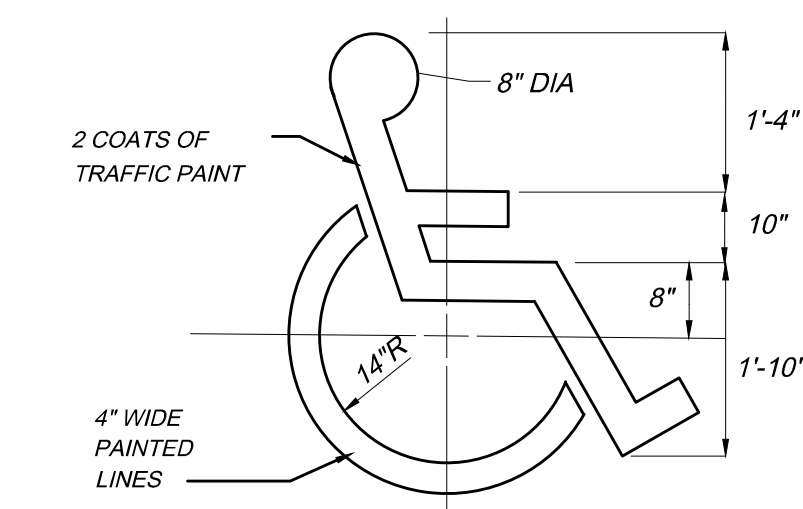
PAVEMENT STRIPING DETAIL
N.T.S.

NOTE: SEE GEOMETRIC CONTROL PLAN FOR PARKING DIMENSIONS & LAYOUT. DIMENSIONS SHOWN ARE MINIMUMS.

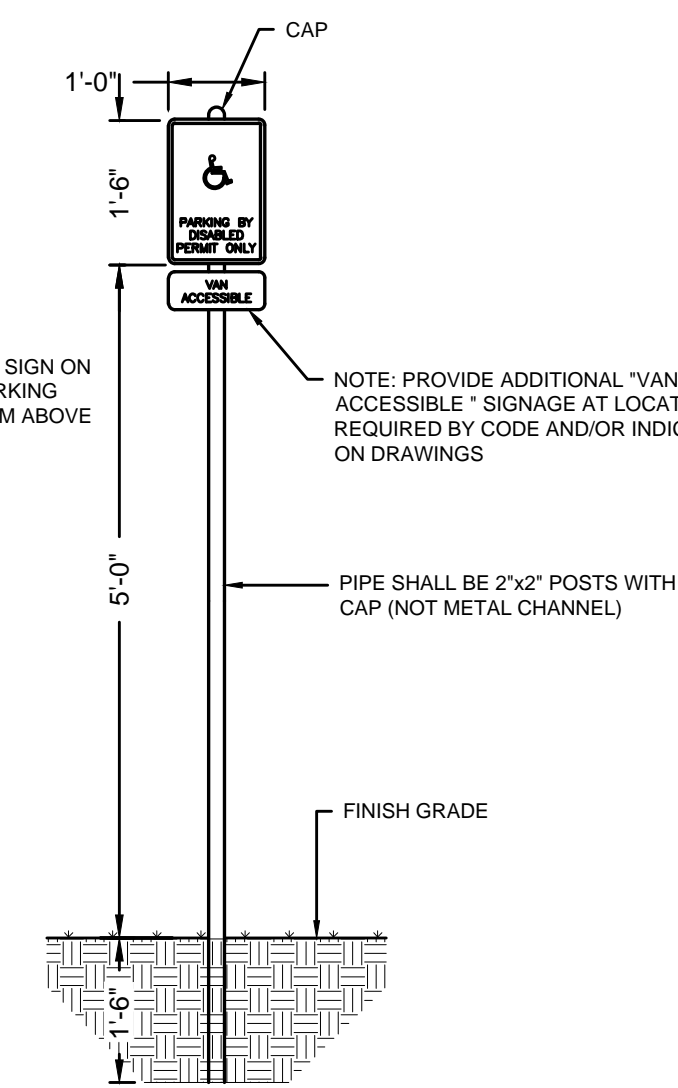


PAVEMENT MARKINGS DETAIL
N.T.S.

NOTE: SEE GEOMETRIC CONTROL PLAN FOR PARKING DIMENSIONS & LAYOUT. DIMENSIONS SHOWN ARE MINIMUMS.

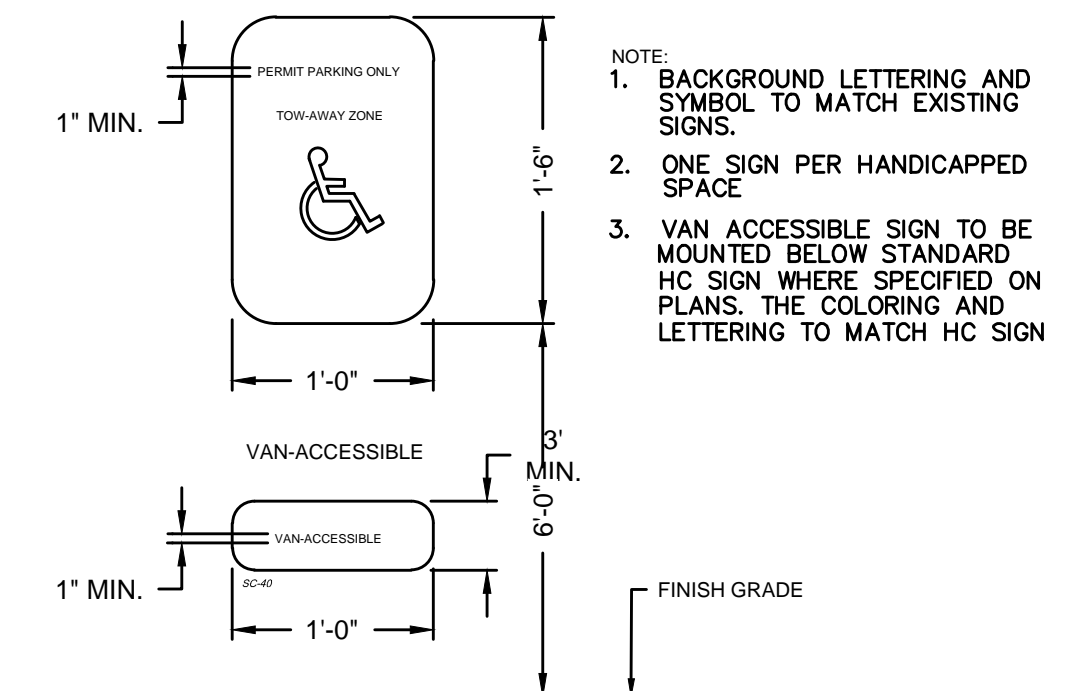


TYPICAL HANDICAP PARKING SYMBOL DETAIL
NOT TO SCALE



NOTES: THE LOWEST SIGN ON THE ACCESSIBLE PARKING SHALL BE 60" MINIMUM ABOVE FINISHED GRADE
NOTE: PROVIDE ADDITIONAL "VAN ACCESSIBLE" SIGNAGE AT LOCATIONS REQUIRED BY CODE AND/OR INDICATED ON DRAWINGS

ACCESSIBLE PARKING SIGN DETAIL
N.T.S.



ACCESSIBLE SIGN DETAILS
N.T.S.

- NOTE:
- 1. BACKGROUND LETTERING AND SYMBOL TO MATCH EXISTING SIGNS.
- 2. ONE SIGN PER HANDICAPPED SPACE
- 3. VAN ACCESSIBLE SIGN TO BE MOUNTED BELOW STANDARD HC SIGN WHERE SPECIFIED ON PLANS. THE COLORING AND LETTERING TO MATCH HC SIGN

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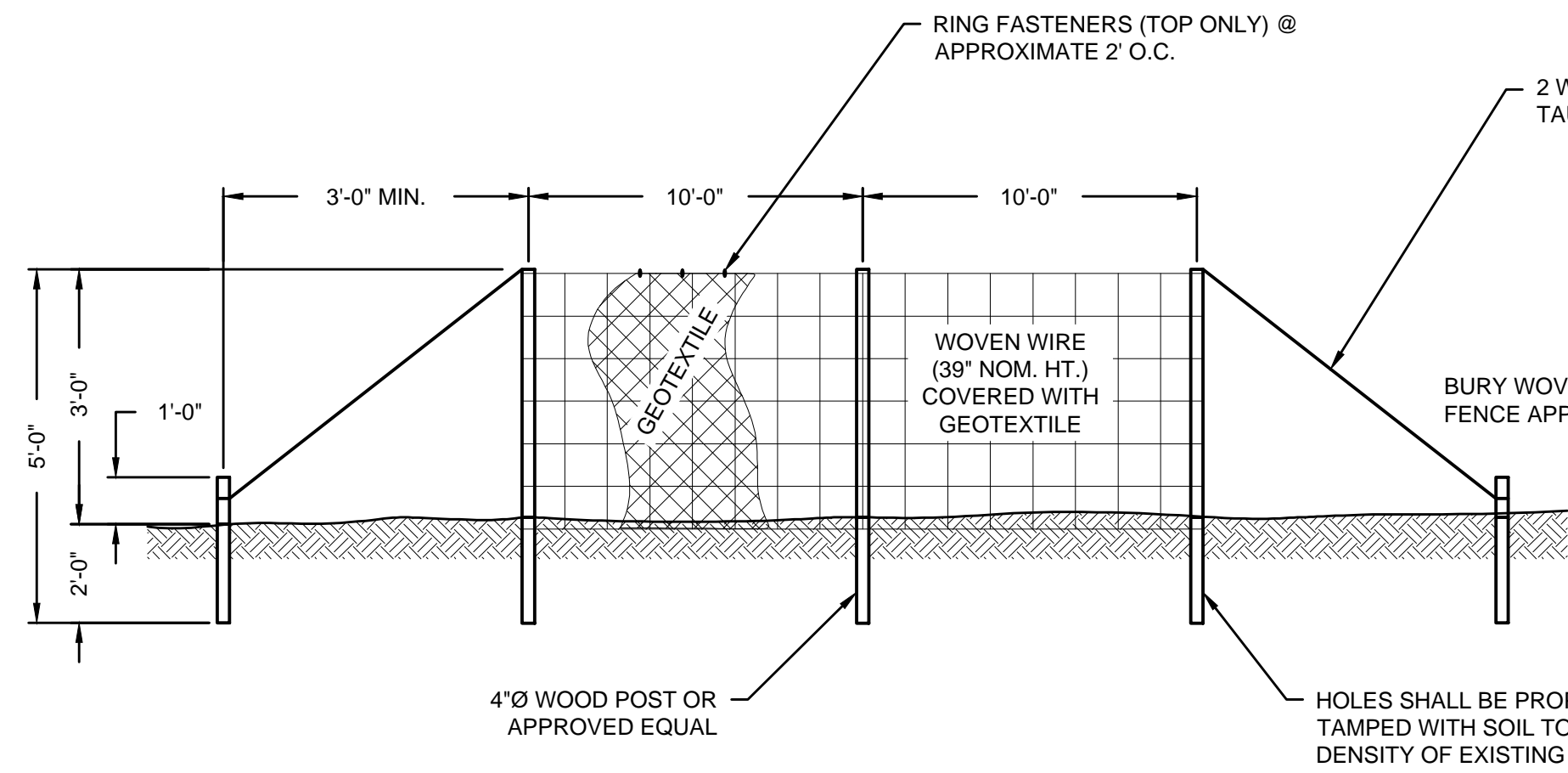
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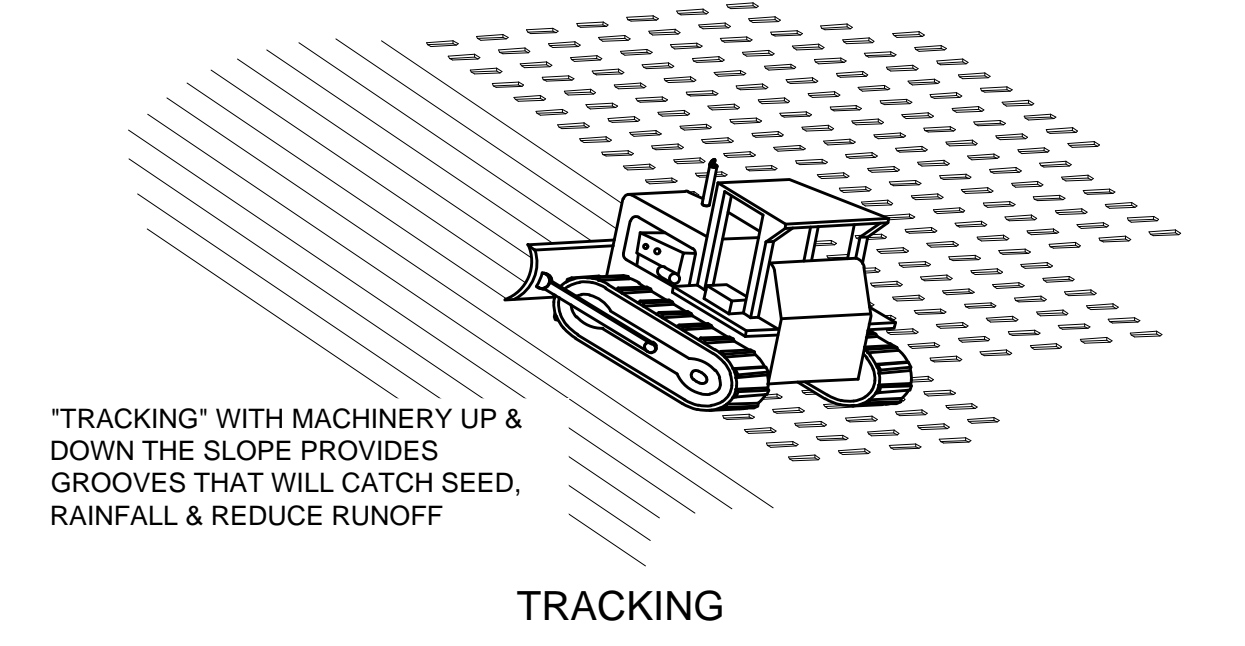
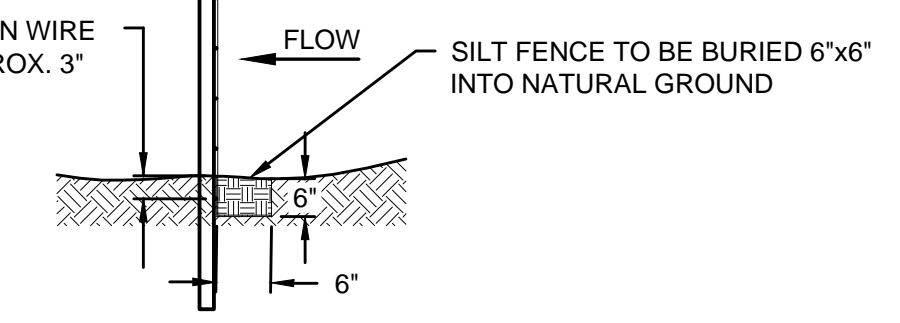


DETAILS

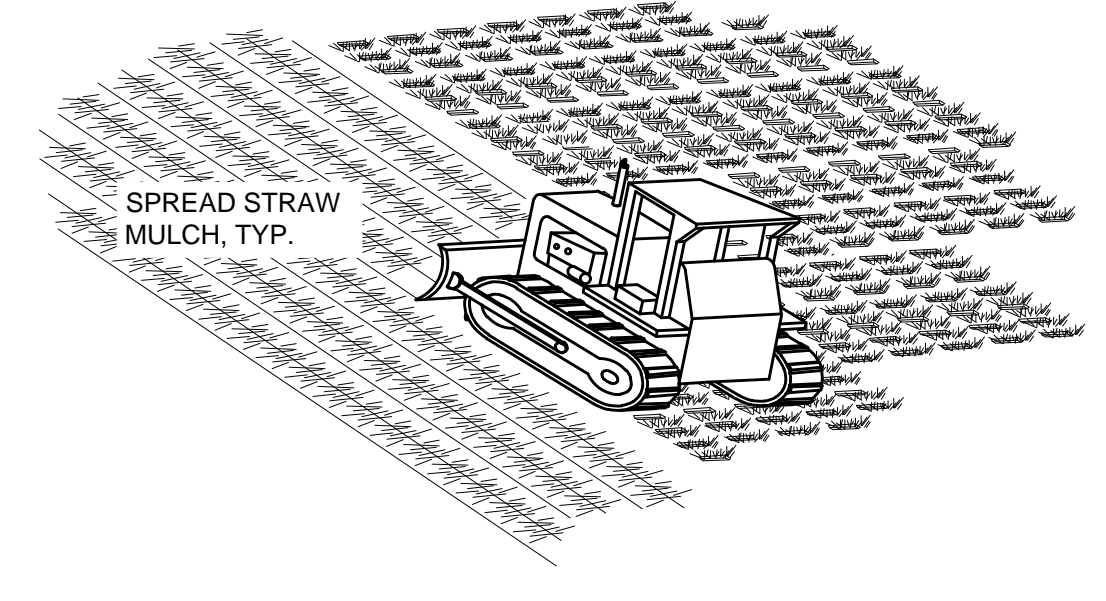
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TYPE "A" SILT FENCE & INSTLLATION
N.T.S.



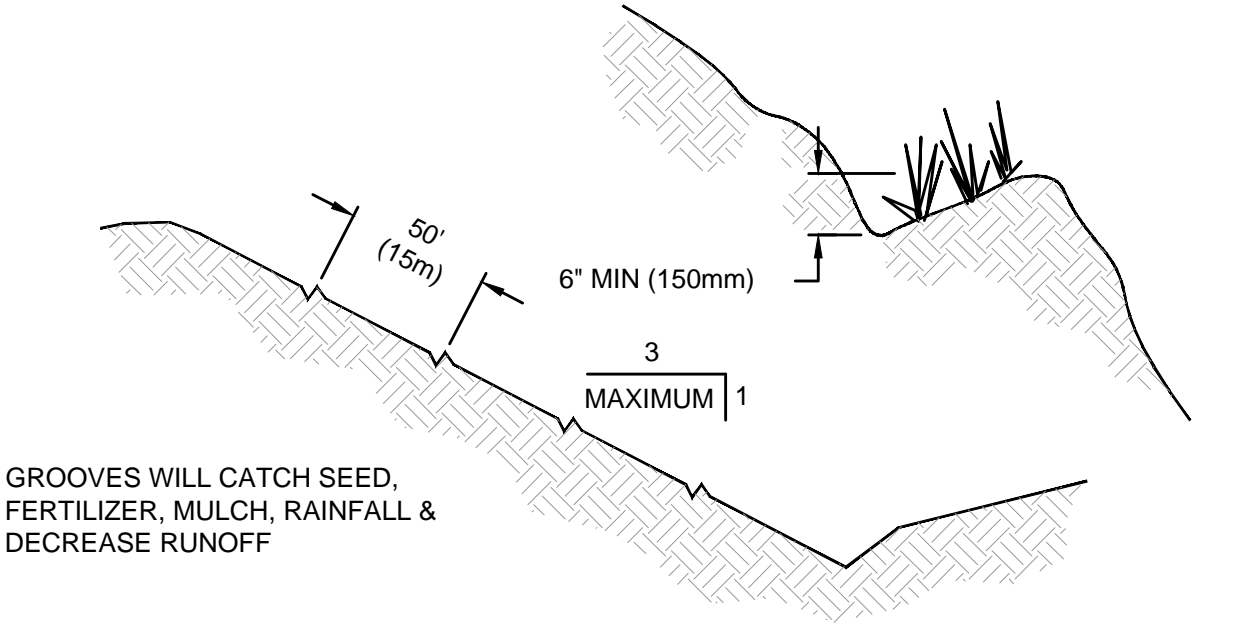
TRACKING



STRAW ANCHORING

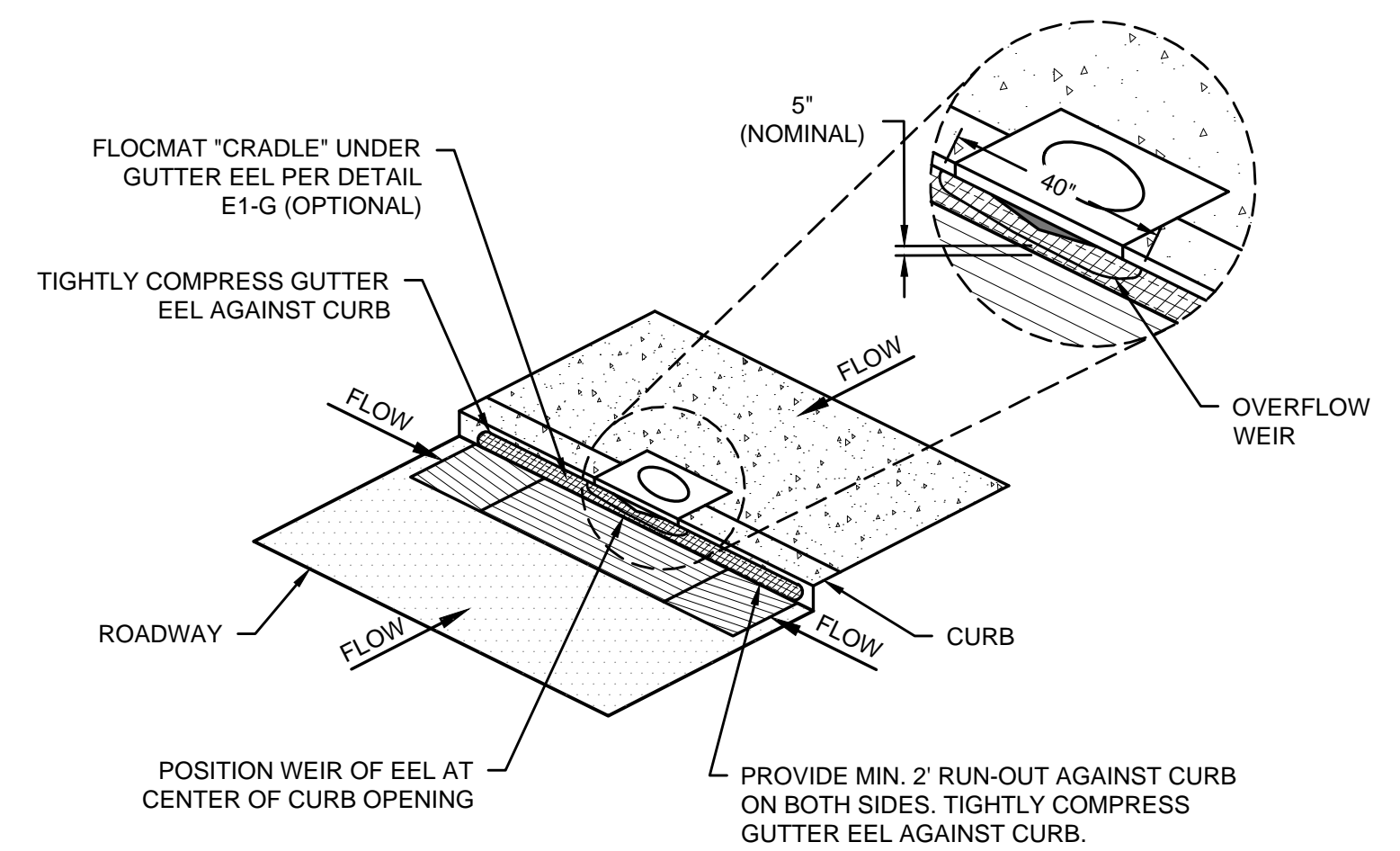
- NOTES:
1. ROUGHEN SLOPE WITH BULLDOZER.
2. BROADCAST SEED AND FERTILIZER.
3. SPREAD STRAW MULCH 3" (76mm) THICK. (1 1/2 TO 2 TONS PER ACRE).
4. PUNCH STRAW MULCH INTO SLOPE BY RUNNING BULLDOZER UP AND DOWN SLOPE.

STRAW ANCHORING
N.T.S.



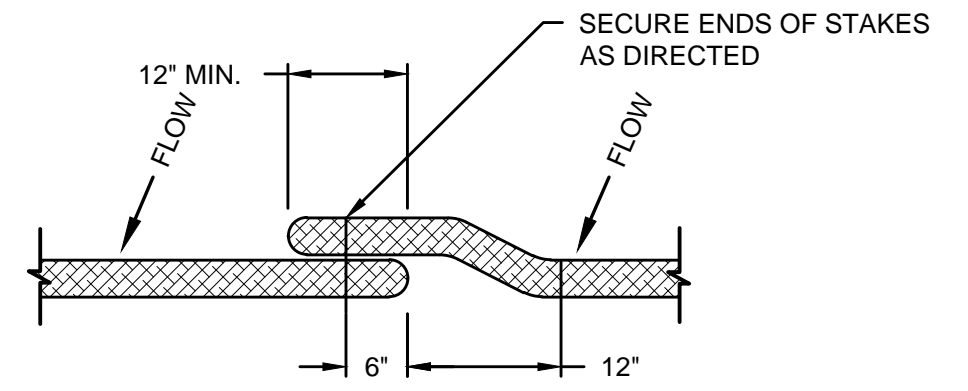
CONTOUR FURROWS

SURFACE ROUGHENING
N.T.S.



ISOMETRIC DETAIL E3-C: SMALL CURB INLET SEDIMENT TRAP - GUTTER EEL
N.T.S.

NOTE: PERIODIC MAINTENANCE SHALL INCLUDE CLEANING GUTTER EEL SURFACE WITH HIGH PRESSURE WASH OR BRUSHING SURFACE WITH BROOM.



PLAN VIEW

OVERLAP/JOINT DETAIL
N.T.S.

GENERAL NOTES:

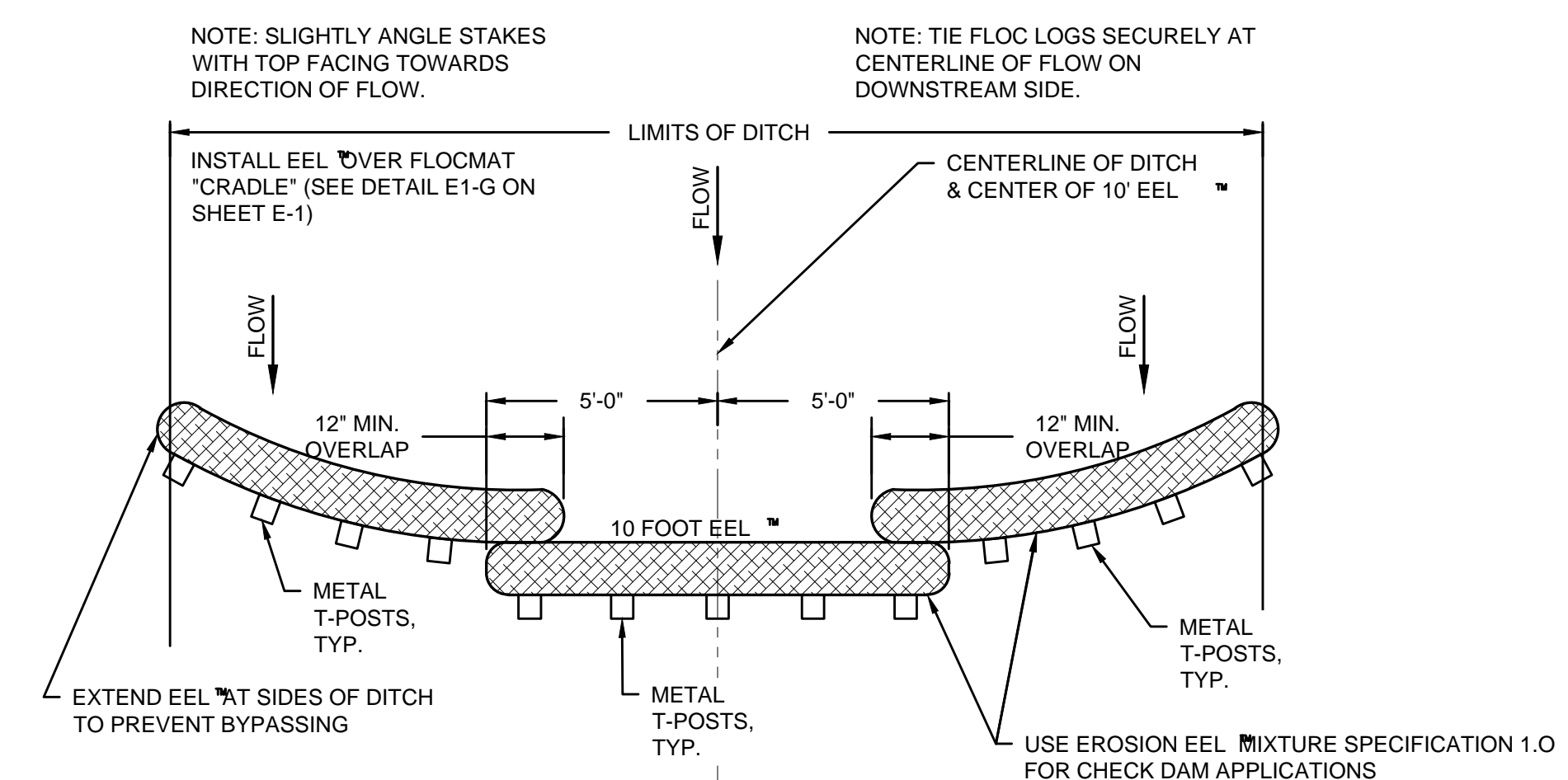
- EROSION EELS USED IN PERIMETER CONTROL APPLICATIONS SHALL HAVE A SPECIFICATION MIXTURE 1.1 OR 1.2.
 - MIXTURE SPECIFICATION 1.1. A FILTER MIXTURE COMPRISED OF 50% SHREDDED RUBBER AND 50% WOOD CHIP PARTICLES BY VOLUME. THE SHREDDED RUBBER SHALL BE WASHED AND PROCESSED TO REMOVE MOST, IF NOT ALL, METAL COMPONENTS. THE RUBBER SHALL BE DERIVED FROM RECYCLED TIRES AND SHALL BE SHREDDED TO PRODUCE A MAXIMUM PARTICLE SIZE OF +/- 3/4 INCH. THE WOOD CHIPS SHALL BE PRODUCED FROM HARDWOOD TREES AND SHALL CONFIRM TO AASHTO CERTIFICATION SPECIFICATION MP 9-03.
 - MIXTURE SPECIFICATION 1.2. A FILTER MIXTURE COMPRISED OF 1/3 SHREDDED RUBBER, 1/3 WOOD CHIPS, AND 1/3 RECYCLED SYNTHETIC FIBERS. THE SHREDDED RUBBER SHALL BE WASHED AND PROCESSED TO REMOVE MOST, IF NOT ALL, METAL COMPONENTS. THE RUBBER SHALL BE DERIVED FROM RECYCLED TIRES AND SHALL BE SHREDDED TO PRODUCE A MAXIMUM PARTICLE SIZE OF +/- 3/4 INCH. THE WOOD CHIPS SHALL BE PRODUCED FROM HARDWOOD TREES AND SHALL CONFIRM TO AASHTO CERTIFICATION SPECIFICATION MP 9-03. THE SYNTHETIC FIBERS SHALL BE PRODUCED FROM RECYCLED, MANUFACTURED MATERIALS, SUCH AS, BUT NOT LIMITED TO, PRE-CONSUMER SCRAP CARPET, TIRE CHORD, AND TIRE FIBER MATERIALS.
- EROSION EELS SHALL BE MANUFACTURED FROM A WOVEN GEOTEXTILE COVERING WITH INTERIOR FILTER MATERIALS SUCH AS 100% SHREDDED RUBBER (MIXTURE SPECIFICATION 1.0, 50% SHREDDED RUBBER/50% AASHTO-CERTIFIED WOOD CHIPS (MIXTURE SPECIFICATION 1.1)).
- LENGTHS OF EROSION EELS SHALL BE EITHER A NOMINAL +/-10 FT. OR +/- 4.5 FT. NOMINAL DIAMETER SHALL BE +/-9.5 INCHES.
- EROSION EELS CAN BE PLACED AT THE TOP, ON THE FACE, OR AT THE TOE OF SLOPES TO INTERCEPT RUNOFF, REDUCE FLOW VELOCITY, RELEASE THE RUNOFF AS SHEET FLOW AND PROVIDE REMOVAL OF SEDIMENT FROM THE RUNOFF.
- EROSION EELS SHALL BE INSTALLED ALONG THE GROUND CONTOUR, AT THE TOE OF SLOPES, AT AN ANGLE TO THE CONTOUR TO DIRECT FLOW AS A DIVERSION BERM, AROUND INLET STRUCTURES, IN A DITCH AS A CHECK DAM TO HELP REDUCE SUSPENDED SOLIDS LOADING AND RETAIN SEDIMENT, OR AS A GENERAL FILTER FOR ANY DISTURBED SOIL AREA.
- NO TRENCHING IS REQUIRED FOR INSTALLATION OF EROSION EELS.
- PREPARE BED FOR EEL INSTALLATION BY REMOVING ANY LARGE DEBRIS INCLUDING ROCKS, SOIL CLODS, AND WOODY VEGETATION. EROSION EELS CAN ALSO BE PLACED OVER PAVED SURFACES INCLUDING CONCRETE AND ASPHALT WITH NO SURFACE PREPARATION REQUIRED.
- RAKE BED AREA WITH A HAND RAKE OR BY DRAG HARROW.
- DO NOT PLACE EEL DIRECTLY OVER RILL AND GULLIES UNTIL AREA HAS BEEN HAND-EXCAVATED AND RAKED TO PROVIDE A LEVEL BEDDING SURFACE. ALL SURFACES SHALL BE UNIFORMLY COMPACTED FOR MAXIMUM SEATING OF EELS IN PLACE.
- FOR LOCATIONS WHERE EELS WILL BE PLACED IN CONCENTRATED FLOWS (SUCH AS CHECK DAMS, INLET PROTECTION) AND FOR PERIMETER CONTROLS AT PRIMARY DISCHARGE LOCATIONS, BED THE EELS IN A FLOCCANT CRADLE PER THE DETAILED DRAWINGS.
- FOR DITCH APPLICATIONS, THE MAXIMUM DRAINAGE AREA SHALL BE 10 ACRES.
- IF MORE THAN ONE EROSION EEL IS PLACED IN A ROW, THE EELS SHALL BE OVERLAPPED A MINIMUM OF 12 INCHES TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THE FIELD JOINT. COMPRESS THE TWO EELS OF THE OVERLAP TIGHTLY TOGETHER EITHER BY HAND OR MANUFACTURER-APPROVED MECHANIZED MEANS.
- WHEN USED IN DITCHES AS A CHECK DAM, EROSION EELS SHALL BE INSTALLED PER MANUFACTURER'S DETAILS.
- FOR CHECK DAM APPLICATIONS, EROSION EELS SHALL BE PLACED PERPENDICULAR TO THE FLOW OF THE WATER. EROSION EELS SHALL CONTINUE UP THE SIDES SLOPES A MINIMUM OF 3 FEET ABOVE THE DESIGN FLOW DEPTH.
- EROSION EELS SHALL REMAIN IN PLACE UNTIL FULLY ESTABLISHED VEGETATION HAS COMPLETELY DEVELOPED OR UNTIL THE STORAGE CAPACITY/FUNCTIONAL LIFE OF THE EEL HAS BEEN EXHAUSTED (REQUIRING REPLACEMENT WITH NEW EELS).
- ANCHORING POSTS FOR CHECK DAM APPLICATIONS SHALL HAVE A MINIMUM WEIGHT OF 1.25 LBS/FT STEEL T-POSTS (5 TO 7 FT. LENGTHS) ROLLED FROM HIGH CARBON STEEL. POSTS SHOULD BE HOT-DIP GALVANIZED OR COATED WITH A WEATHER-RESISTANT PAINT FOR STEEL APPLICATION. POSTS SHOULD BE EQUIPPED WITH A METAL ANCHOR PLATE. INSTALL PER DETAILS ON THIS SHEET.
- PLACE T-POSTS THROUGH HANDLE OF BAGS. DO NOT DRIVE POSTS THROUGH EROSION EELS. T-POSTS ARE TO BE EMBEDDED A MINIMUM OF 2 FT INTO GROUND.

ZONE 3	
Baldwin	Marengo
Barbour	Mobile
Butler	Monroe
Choctaw	Pike
Clarke	Washington
Coffee	Wilcox
Conecuh	
Covington	
Crenshaw	
Dale	
Escambia	
Geneva	
Henry	
Houston	

ZONE 3 - AREAS SUBJECT TO FREQUENT MOWING				
REQUIRED POUNDS PER ACRE [KILOGRAMS PER HECTARE] OF PURE LIVE SEED				
Date of Planting	Sept. 1 to Feb. 29	Mar. 1 to Aug. 31	Mar. 1 to Aug. 31	
Annual Ryegrass	10 {11}	25 {28}		
Hulled Bermudagrass			18 {20}	
Unhulled Bermudagrass	30 {34}		12 {13}	12 {13}
Annual Lespedeza (Kobe)			38 {43}	24 {27}
Pensacola Bahia Grass				47 {53}
Reseeding Crimson Clover	5 {6}			
Notes	1	2	3	3
Required Permanent Plant	Bermudagrass		Pensacola Bahia Grass	

1. During this season Ryegrass, Bermudagrass and Clover are required where vegetation must be established within an area no further than 15 feet {3 m} from the edge of mainline pavement. (This is usually required for short duration work that is done on pavement resurfacing projects.)
2. Annual Ryegrass is required where vegetation must be established within an area that extends further than 15 feet {3 m} from the edge of mainline pavement. Seeding in stubble for the establishment of permanent vegetation is required during the following month of March.
3. Bermudagrass will be required as the permanent plant if it is not shown on the plans that Pensacola Bahia Grass will be required as the permanent plant.

ZONE 3 - AREAS NOT SUBJECT TO FREQUENT MOWING				
REQUIRED POUNDS PER ACRE [KILOGRAMS PER HECTARE] OF PURE LIVE SEED				
Date of Planting	Jan. 1 to Feb. 15	Feb. 16 to Aug. 31	Sept. 1 to Nov. 30	Dec. 1 to Dec. 31
Annual Ryegrass	10 {11}		10 {11}	10 {11}
Hulled Bermudagrass		12 {13}	12 {13}	
Unhulled Bermudagrass	29 {33}	18 {20}	12 {13}	29 {33}
Tall Fescue	29 {33}		35 {39}	29 {33}
Weeping Lovegrass		2 {2}		2 {2}
Annual Lespedeza (Kobe)		50 {56}		
Reseeding Crimson Clover	29 {33}		29 {33}	29 {33}
Pensacola Bahiagrass	29 {33}	24 {27}	29 {33}	29 {33}
Required Permanent Plant	Mixed			



PLAN VIEW

EROSION EEL DETAIL
N.T.S.



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ISSUE	DATE
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FINAL	04-20-2022
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BID SET - VALUE ENGINEER	11-15-2022
DRAWN BY:	
CHECKED BY:	

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DEMOPOLIS, ALABAMA
AMGM210039



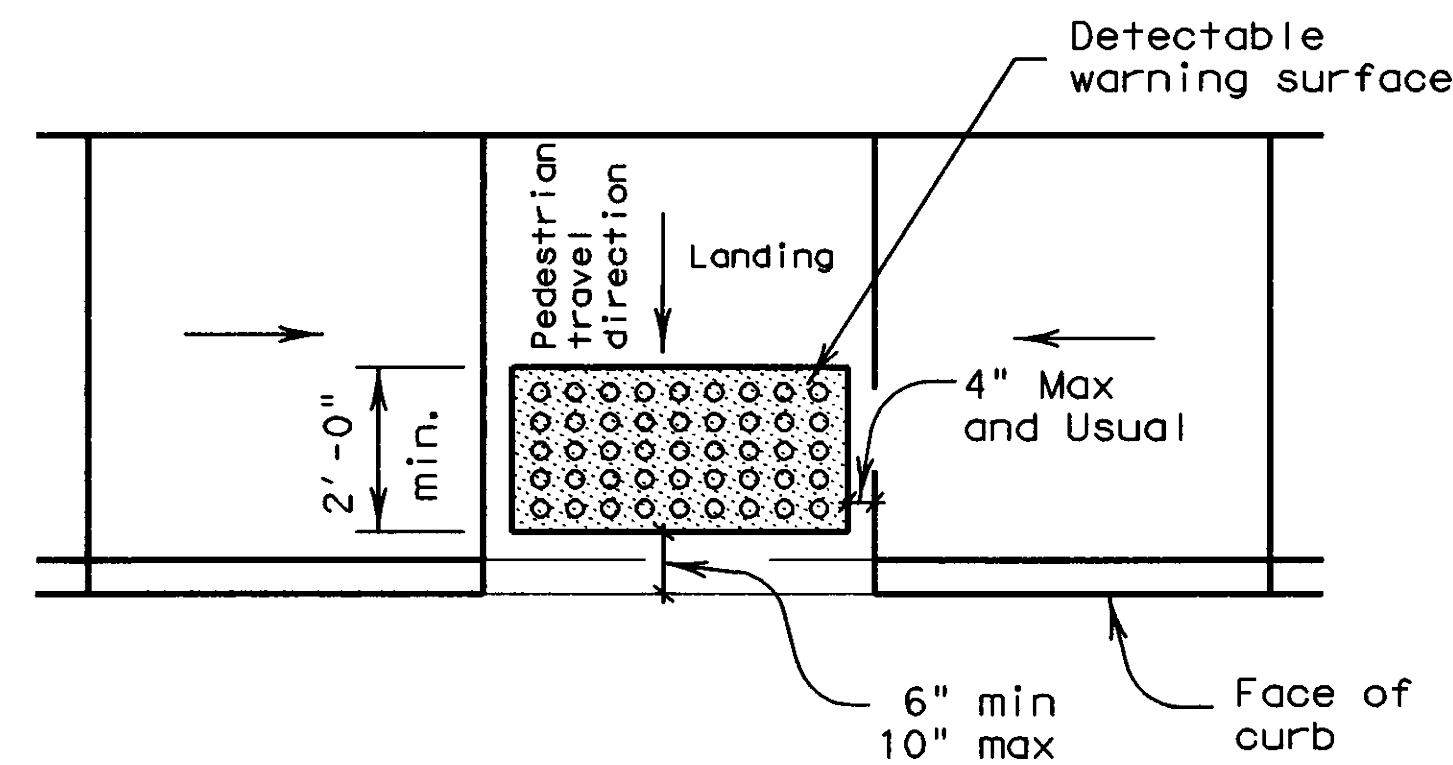
DETAILS

C-902
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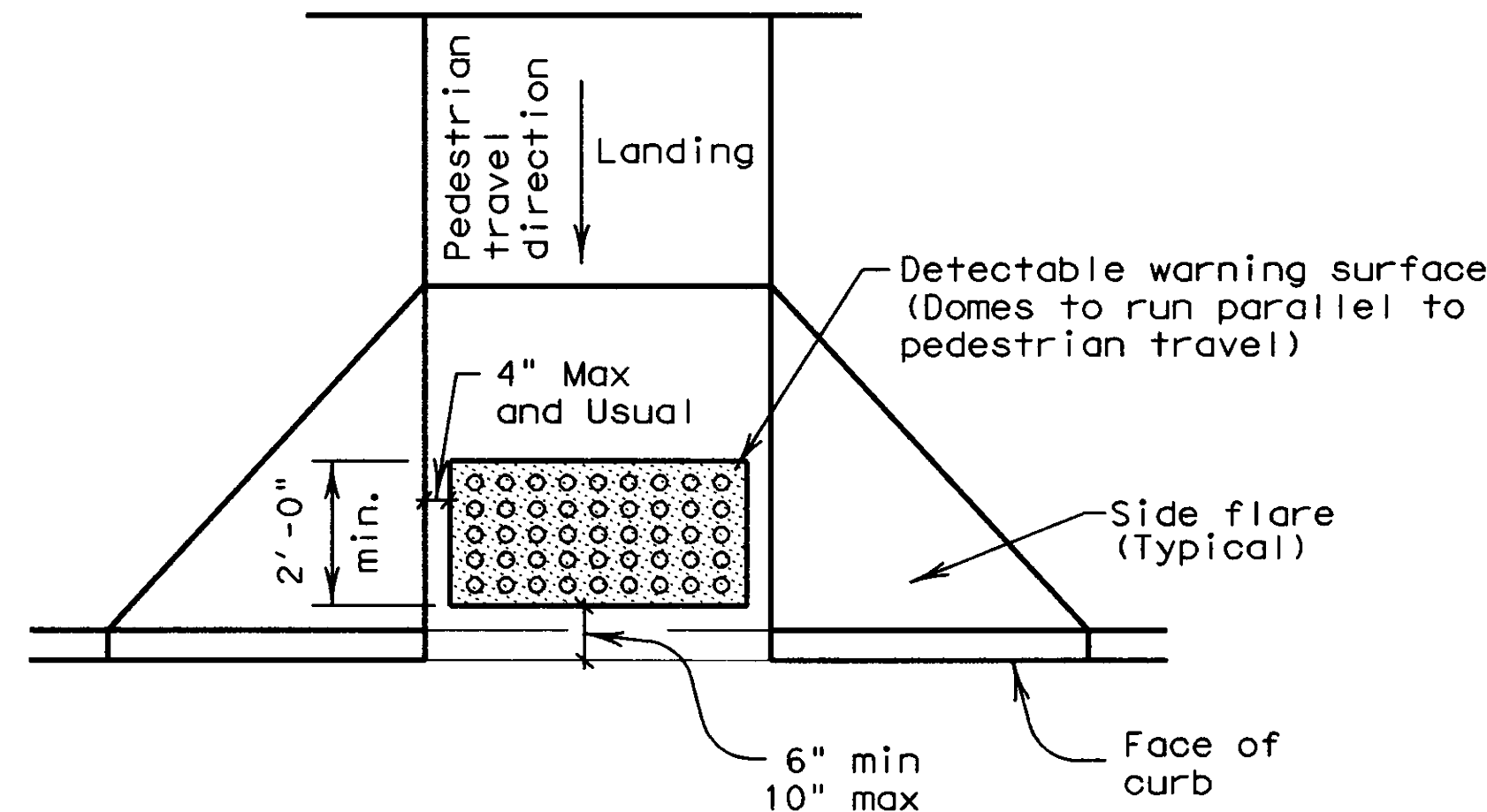
General Notes for Detectable Warnings

1. Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with Section 4.29 of the Texas Accessibility Standards (TAS). The surface must contrast visually with adjoining surfaces, including side flares. Furnish dark brown or dark red detectable warning surface adjacent to uncolored concrete, unless specified elsewhere in the plans.
2. Detectable warning surfaces must be slip resistant and not allow water to accumulate.
3. Align truncated domes in the direction of pedestrian travel when entering the street.
4. Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.
5. Detectable warning surfaces shall be a minimum of 24" in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street.
6. Detectable warning surfaces shall be located so that the edge nearest the curb line is a minimum of 6" and a maximum of 10" from the extension of the face of curb. Detectable warning surfaces may be curved along the corner radius.
7. TxDOT maintains a list of Qualified Detectable Warning Materials. Details are provided herein for the placement of landscape pavers. For other materials, refer to the manufacturer's product manual for proper installation.

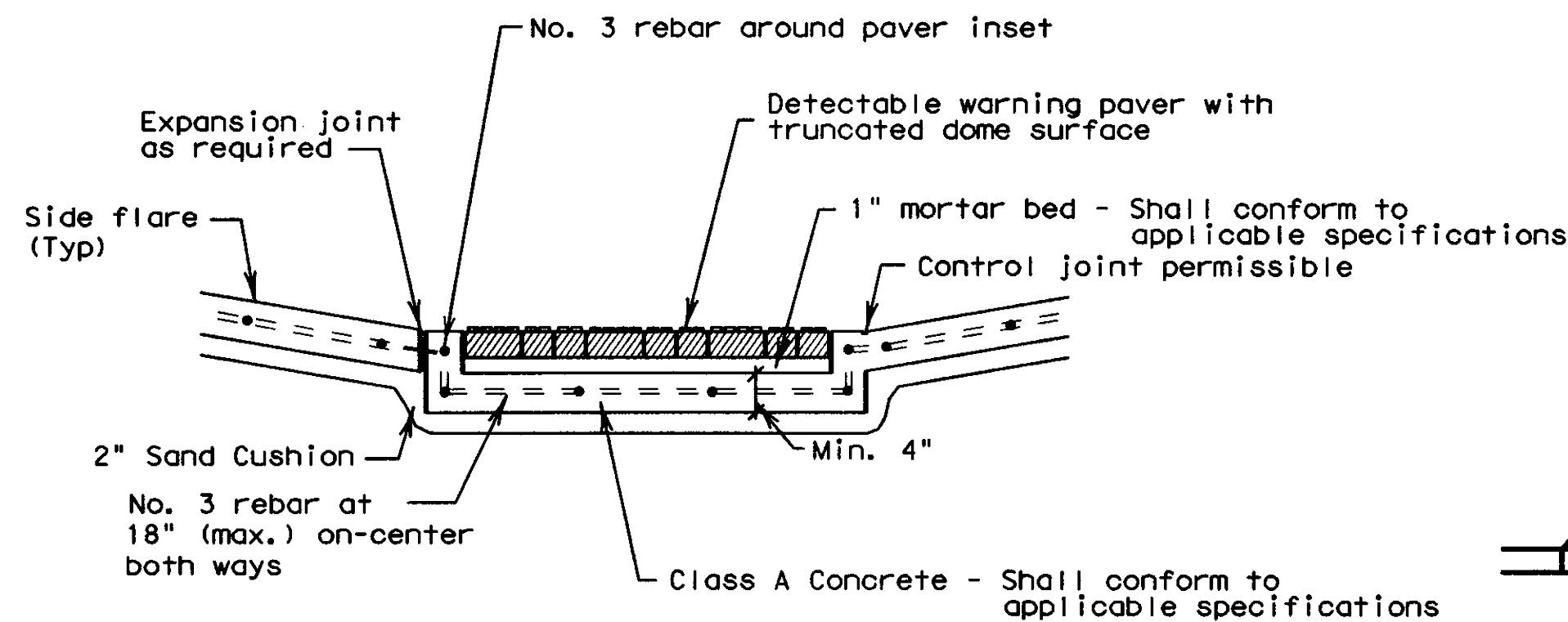
DETECTABLE WARNINGS



Typical placement of detectable warning surface on landing at street edge.



Typical placement of detectable warning surface on sloping ramp run.

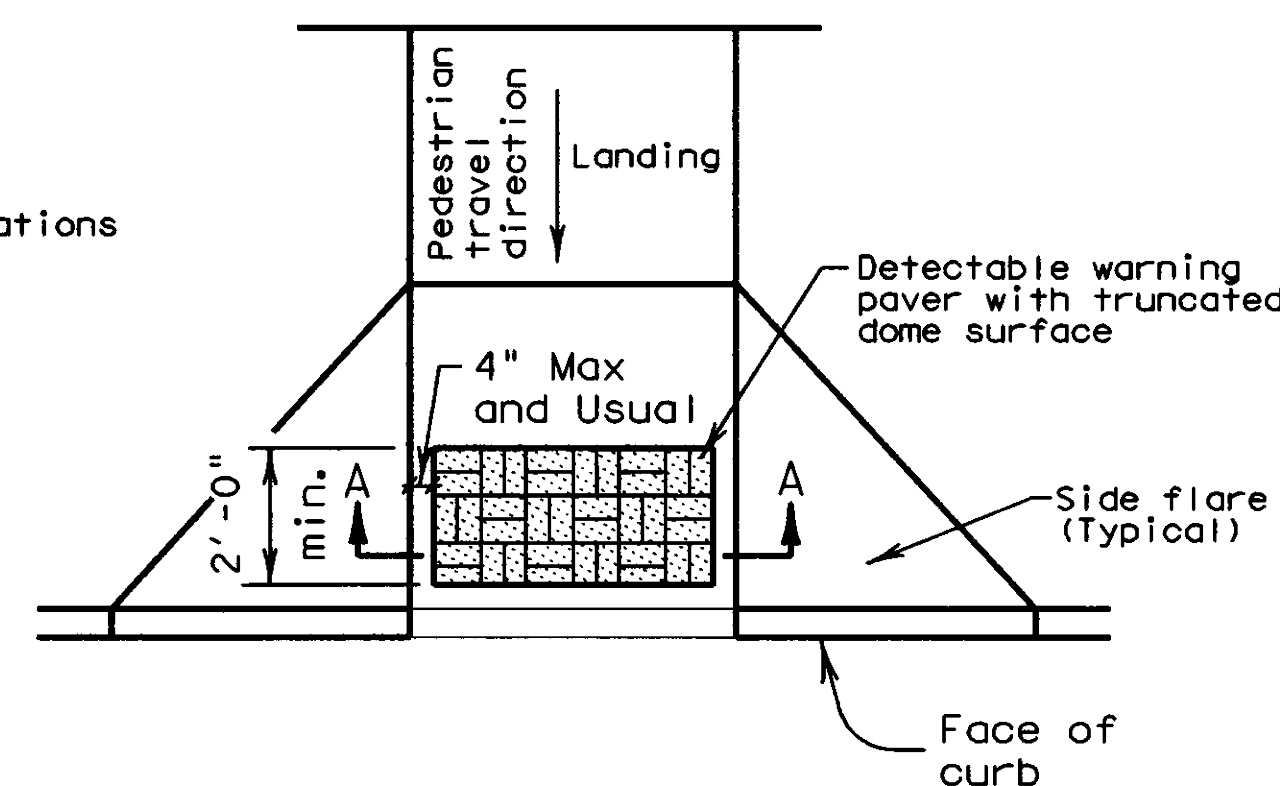


Section A-A

General Notes (Pavers)

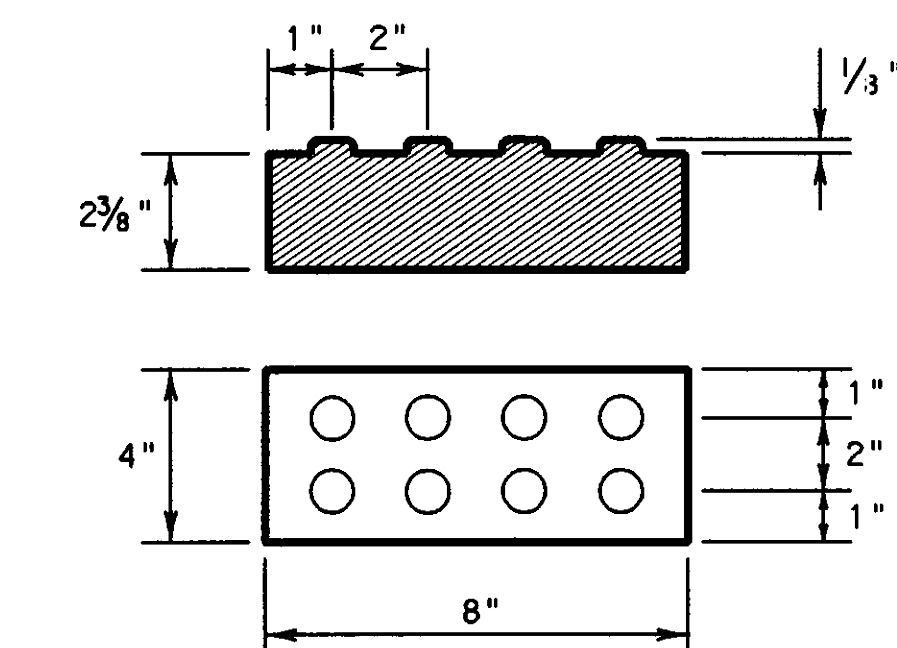
Furnish detectable warning paver units meeting all requirements of ASTM C-936, C-33. Lay in a two by two unit basket weave pattern or as directed.

Lay full-size units first followed by closure units consisting of at least 25 percent of a full unit. Cut detectable warning paver units using a power saw.



Truncated Dome Pattern Curb Ramp

DETECTABLE WARNING PAVER (OPTION)



Detectable Warning Paver

Pedestrian Facilities General Notes

1. All slopes are maximum allowable. The least possible slope that will still drain properly should be used. Adjust curb ramp length or grade of approach sidewalks as directed.
2. The minimum sidewalk width is 5'. Where the sidewalk is adjacent to the back of curb, a 6' sidewalk width is encouraged. Where a 5' sidewalk can not be provided due to site constraints, a minimum 3' sidewalk with 5' x 5' passing areas at intervals not to exceed 200' is required.
3. Landings shall be 5' x 5' minimum with a maximum 2% slope in any direction.
4. Maneuvering space at the bottom of curb ramps shall be a minimum of 4' x 4' wholly contained within the crosswalk and wholly outside the parallel vehicular travel path.
5. Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
6. Curb ramps with returned curbs may be used only where pedestrians would not normally walk across the ramp, either because the adjacent surface is planting or other non-walking surface or because the side approach is substantially obstructed. Otherwise, provide flared sides.
7. Additional information on curb ramp location, design, light reflective value and texture may be found in the current edition of the Texas Accessibility Standards (TAS) and 16 TAC §68.102.
8. To serve as a pedestrian refuge area, the median should be a minimum of 5' wide. Medians should be designed to provide accessible passage over or through them.
9. Small channelization islands, which do not provide a minimum 5' x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.
10. Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall be aligned with theoretical crosswalks, or as directed by the Engineer.
11. Existing features that comply with TAS may remain in place unless otherwise shown on the plans.
12. Handrails are not required on curb ramps. Provide curb ramps wherever on accessible route crosses (penetrates) a curb.
13. Curb ramps and landings shall be constructed and paid for in accordance with Item 531 "Sidewalks".
14. Separate curb ramp and landings from adjacent sidewalk and any other elements with precast or board joint of 3/4" unless otherwise directed by the Engineer.
15. Provide a smooth transition where the curb ramps connect to the street.
16. Curbs shown on sheet 1 within the limits of payment are considered part of the curb ramp for payment, whether it is concrete curb, gutter, or combined curb and gutter.
17. Flare slope shall not exceed 10% measured along curb line.

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