

SITE PLAN FOR BUTLER EXPRESS 3 CAR WASH

INTERSTATE DRIVE
CROSSVILLE, TENNESSEE

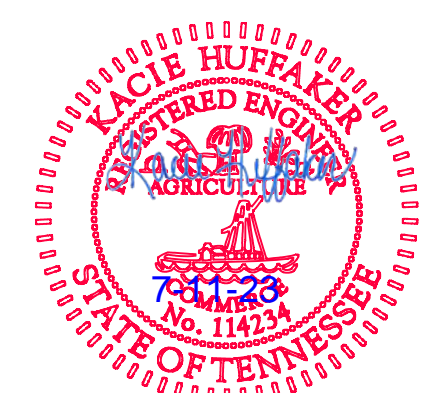


LOCATION MAP

INDEX OF PLANS

SHEET NO.	DESCRIPTION
C-1	COVER SHEET
C-2	ALTA
C-3	SITE LAYOUT PLAN
C-4	TRAFFIC FLOW PLAN
C-5	UTILITY PLAN
C-6	EROSION & SEDIMENT CONTROL PLAN
C-7	GRADING & DRAINAGE PLAN
C-8/9/10/11	DETAILS

DEVELOPER/OWNER

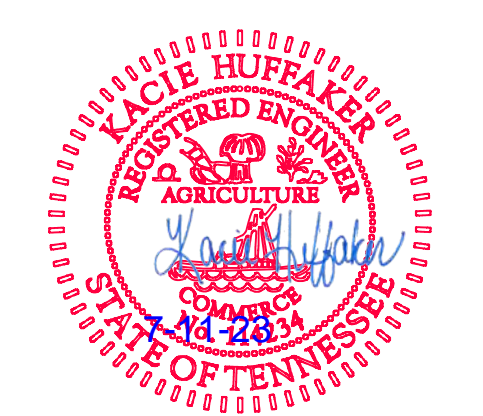
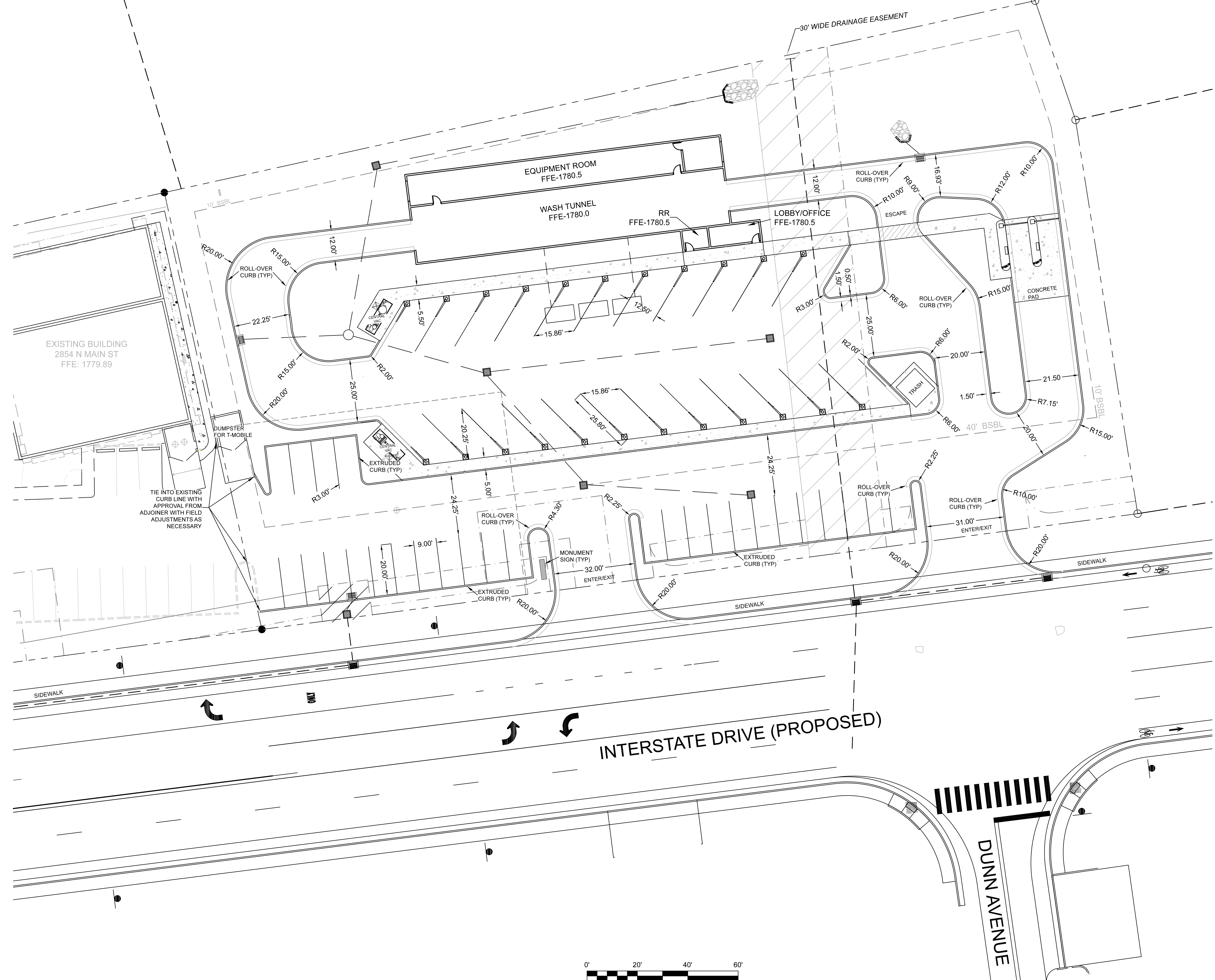


PRELIMINARY

REVISED: JULY 11, 2023

GRADING NOTES
 ANY AREA THAT IS DISTURBED OUTSIDE OF THE LIMIT OF WORK DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

DEVELOPMENT GENERAL NOTES / PROPOSED UNITS / PARKING
 LANDSCAPING SHALL CONFORM TO CITY OF CROSSVILLE REQUIREMENTS.
 SEE BUILDING PLAN FOR SQUARE FOOTAGE OF BUILDING
 BUILDING SETBACKS TO CONFORM TO THE REQUIREMENTS OF THE CITY OF CROSSVILLE AT THE TIME OF CONSTRUCTION.
 ALTA & TOPOGRAPHY PROVIDED BY DEVELOPER.
 OWNER/CONTRACTOR TO VERIFY EXISTING UTILITIES AND BOUNDARY INFORMATION PRIOR TO STARTING CONSTRUCTION.
 ANY SLOPES ONSITE THAT ARE GREATER THAN 2:1 AND SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER.
 SEE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND SPECIFICATIONS OF THE BUILDING AS WELL AS UTILITY ENTER AND EXIT POINTS.
 A DETENTION BASIN IS NOT REQUIRED FOR THE SITE DUE TO A DECREASE IN IMPERVIOUS AREA FROM THE PRE DEVELOPMENT CONDITION TO THE POST DEVELOPMENT CONDITION.
 OWNER/CONTRACTOR TO NOT START CONSTRUCTION UNTIL ALL PERMITS ARE IN PLACE. THE REMAINING PERMITS TO DATE ARE: TDEC STORMWATER PERMIT, TDOT ENTRANCE PERMIT, ETC.
 CONTOURS TYING INTO INTERSTATE DRIVE ARE PROTRACTED FROM TDOT PROJECT NO. STP/M-462(S) PLANS AND MAY NEED TO BE FIELD ADJUSTED. CONTRACTOR TO VERIFY BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.
 TDOT STORMWATER STRUCTURES ALONG INTERSTATE DRIVE HAVE BEEN LOCATED AS BEST POSSIBLE FROM TDOT STP/M-462(S) PLANS AND MAY NOT REPRESENT THE EXACT LOCATION. TOP AND INVERT ELEVATIONS HAVE BEEN PROTRACTED FROM SHEET NO. 4C FROM SAID TDOT PLANS AND MAY REQUIRE FIELD ADJUSTMENTS. CONTRACTOR TO VERIFY ELEVATIONS AND LOCATIONS BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.



PRELIMINARY

compass
 2029 Red Bank Rd
 Sevierville, TN 37862

DESIGNED	
DRAWN	
CHECKED	

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC
 THIS ORIGINAL DOCUMENT, INCLUDING ITS ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

NO.	DATE	REVISION	BY
1	7-11-23	PC REVISION	KEH
		REVISION	

SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 10'
 DATE
 7-6-23

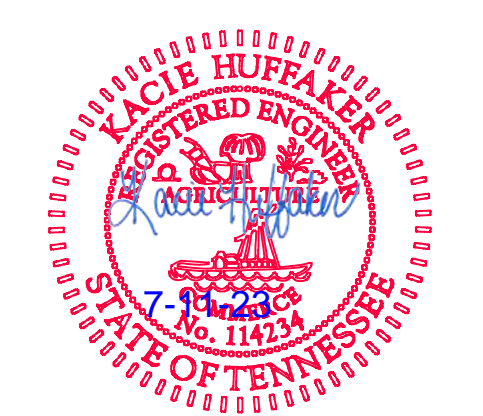
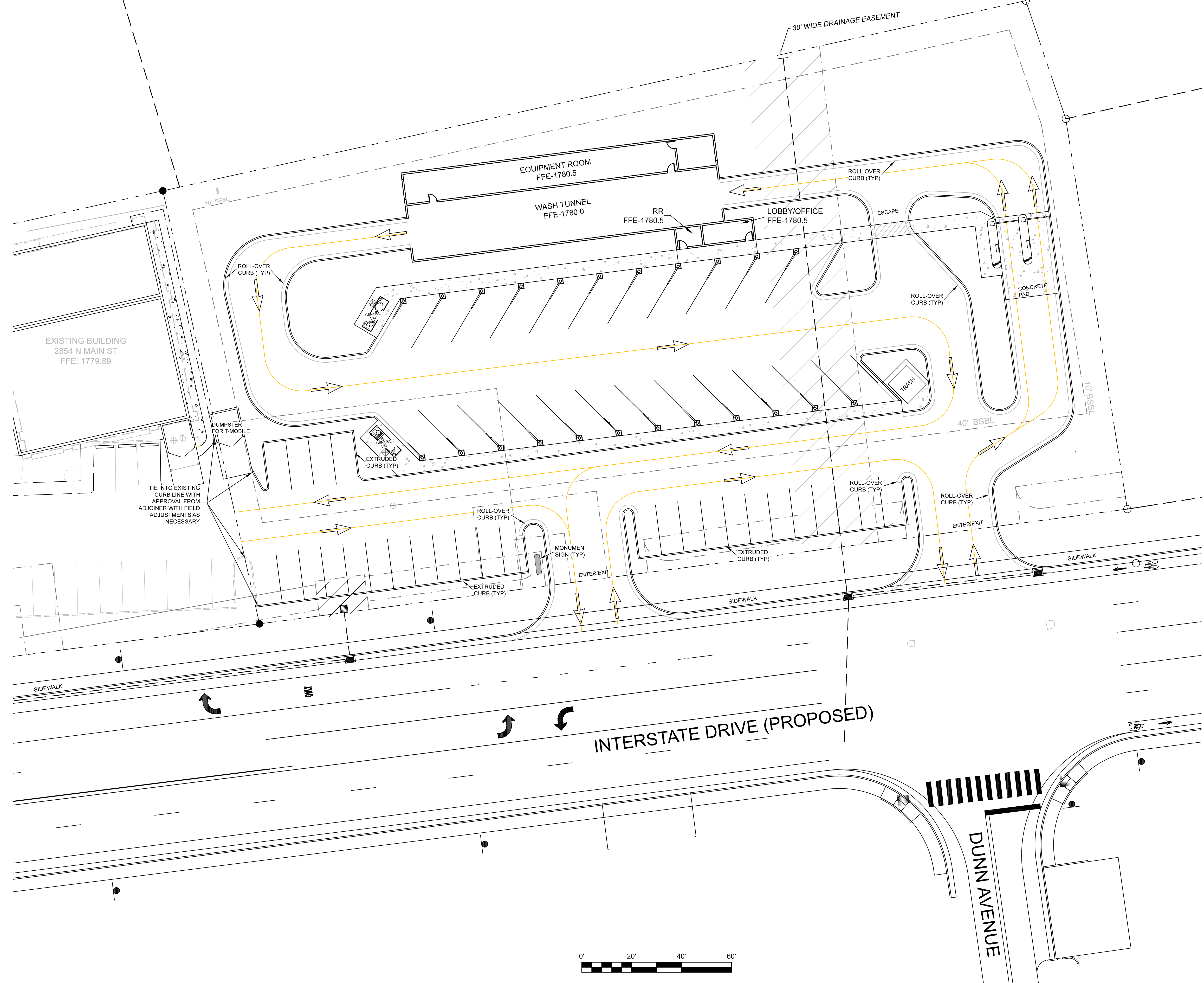
SITE LAYOUT PLAN

**BUTLER EXPRESS 3
 CAR WASH**
 INTERSTATE DRIVE, CROSSVILLE, TN
 TAX MAP: 87 PARCEL: 5.04
 1st DISTRICT, CUMBERLAND COUNTY, TN

LAYOUT NAME	23-0331
SHEET	C-3

GRADING NOTES
 ANY AREA THAT IS DISTURBED OUTSIDE OF THE LIMIT OF WORK DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

DEVELOPMENT GENERAL NOTES / PROPOSED UNITS / PARKING
 LANDSCAPING SHALL CONFORM TO CITY OF CROSSVILLE REQUIREMENTS.
 SEE BUILDING PLAN FOR SQUARE FOOTAGE OF BUILDING
 BUILDING SETBACKS TO CONFORM TO THE REQUIREMENTS OF THE CITY OF CROSSVILLE AT THE TIME OF CONSTRUCTION.
 ALTA & TOPOGRAPHY PROVIDED BY DEVELOPER.
 OWNER/CONTRACTOR TO VERIFY EXISTING UTILITIES AND BOUNDARY INFORMATION PRIOR TO STARTING CONSTRUCTION.
 ANY SLOPES ONSITE THAT ARE GREATER THAN 2:1 AND SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER.
 SEE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND SPECIFICATIONS OF THE BUILDING AS WELL AS UTILITY ENTER AND EXIT POINTS.
 A DETENTION BASIN IS NOT REQUIRED FOR THE SITE DUE TO A DECREASE IN IMPERVIOUS AREA FROM THE PRE DEVELOPMENT CONDITION TO THE POST DEVELOPMENT CONDITION.
 OWNER/CONTRACTOR TO NOT START CONSTRUCTION UNTIL ALL PERMITS ARE IN PLACE. THE REMAINING PERMITS TO DATE ARE: TDEC STORMWATER PERMIT, TDOT ENTRANCE PERMIT, ETC.
 CONTOURS TYING INTO INTERSTATE DRIVE ARE PROTRACTED FROM TDOT PROJECT NO. STP/M-462(5) PLANS AND MAY NEED TO BE FIELD ADJUSTED. CONTRACTOR TO VERIFY BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.
 TDOT STORMWATER STRUCTURES ALONG INTERSTATE DRIVE HAVE BEEN LOCATED AS BEST POSSIBLE FROM TDOT STP/M-462(5) PLANS AND MAY NOT REPRESENT THE EXACT LOCATION. TOP AND INVERT ELEVATIONS HAVE BEEN PROTRACTED FROM SHEET NO. 4C FROM SAID TDOT PLANS AND MAY REQUIRE FIELD ADJUSTMENTS. CONTRACTOR TO VERIFY ELEVATIONS AND LOCATIONS BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.



PRELIMINARY

compass
 2029 Red Bank Rd
 Sevierville, TN 37862

DESIGNED	
DRAWN	
CHECKED	

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC
 THIS ORIGINAL DOCUMENT, INCLUDING ITS ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

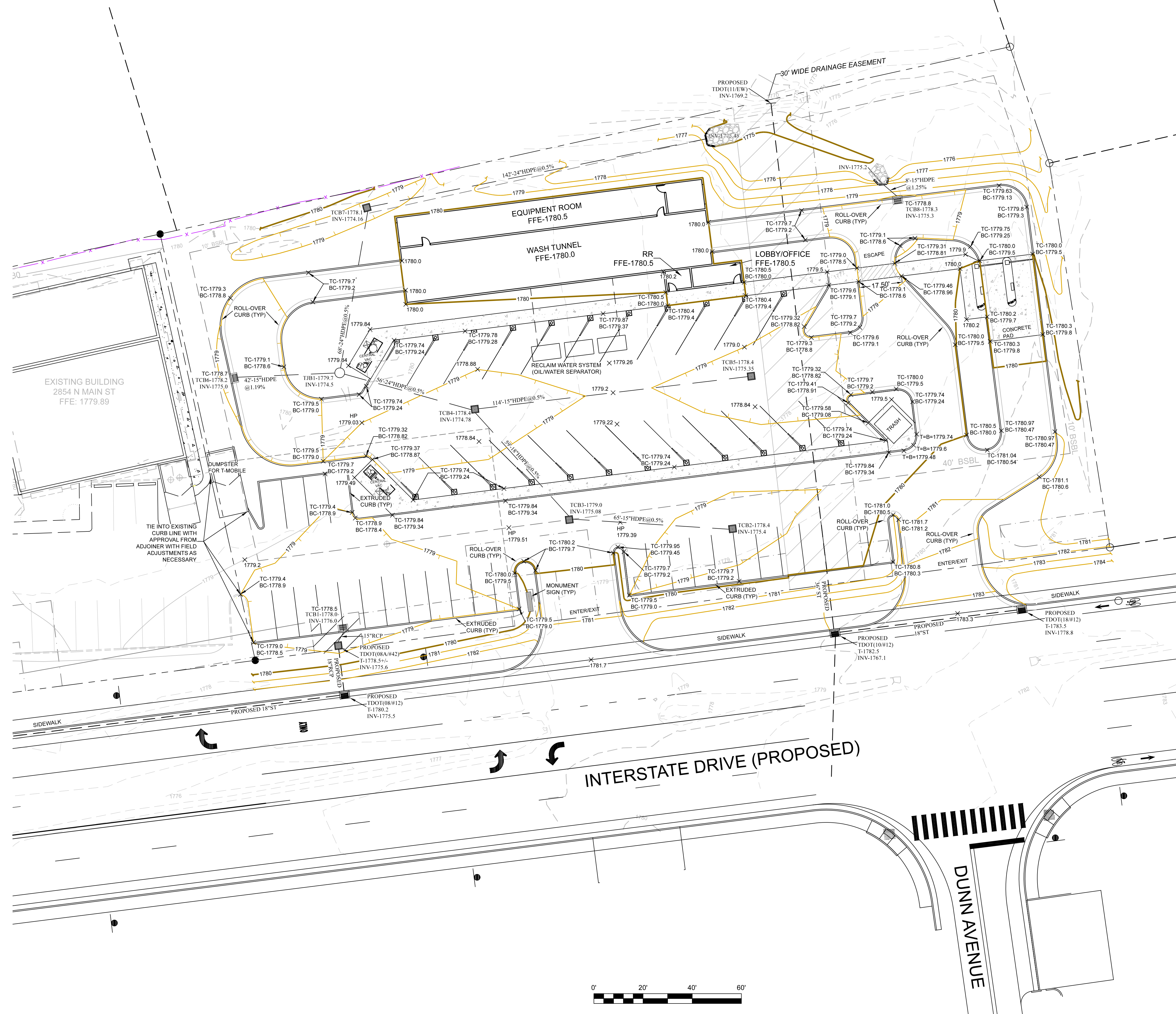
NO.	DATE	REVISION	BY
1	7-11-23	PC REVISION	KEH

SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 10'
 DATE
 7-6-23

TRAFFIC FLOW PLAN

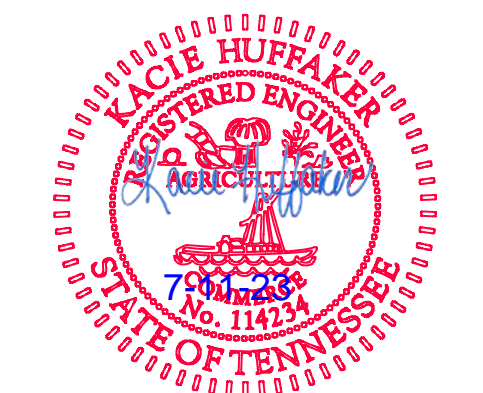
**BUTLER EXPRESS 3
 CAR WASH**
 INTERSTATE DRIVE, CROSSVILLE, TN
 TAX MAP: 87 PARCEL: 5.04
 1st DISTRICT, CUMBERLAND COUNTY, TN

LAYOUT NAME	23-0331
SHEET	C-4



GRADING NOTES
 ANY AREA THAT IS DISTURBED OUTSIDE OF THE LIMIT OF WORK DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

DEVELOPMENT GENERAL NOTES / PROPOSED UNITS / PARKING
 LANDSCAPING SHALL CONFORM TO CITY OF CROSSVILLE REQUIREMENTS.
 SEE BUILDING PLAN FOR SQUARE FOOTAGE OF BUILDING
 BUILDING SETBACKS TO CONFORM TO THE REQUIREMENTS OF THE CITY OF CROSSVILLE AT THE TIME OF CONSTRUCTION.
 ALTA & TOPOGRAPHY PROVIDED BY DEVELOPER.
 OWNER/CONTRACTOR TO VERIFY EXISTING UTILITIES AND BOUNDARY INFORMATION PRIOR TO STARTING CONSTRUCTION.
 ANY SLOPES ONSITE THAT ARE GREATER THAN 2:1 AND SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER.
 SEE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND SPECIFICATIONS OF THE BUILDING AS WELL AS UTILITY ENTER AND EXIT POINTS.
 A DETENTION BASIN IS NOT REQUIRED FOR THE SITE DUE TO A DECREASE IN IMPERVIOUS AREA FROM THE PRE DEVELOPMENT CONDITION TO THE POST DEVELOPMENT CONDITION.
 OWNER/CONTRACTOR TO NOT START CONSTRUCTION UNTIL ALL PERMITS ARE IN PLACE. THE REMAINING PERMITS TO DATE ARE: TOEC STORMWATER PERMIT, TDOT ENTRANCE PERMIT, ETC.
 CONTOURS TYING INTO INTERSTATE DRIVE ARE PROTRACTED FROM TDOT PROJECT NO. STP/M-462(S) PLANS AND MAY NEED TO BE FIELD ADJUSTED. CONTRACTOR TO VERIFY BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.
 TDOT STORMWATER STRUCTURES ALONG INTERSTATE DRIVE HAVE BEEN LOCATED AS BEST POSSIBLE FROM TDOT STP/M-462(S) PLANS AND MAY NOT REPRESENT THE EXACT LOCATION. TOP AND INVERT ELEVATIONS HAVE BEEN PROTRACTED FROM SHEET NO. 4C FROM SAID TDOT PLANS AND MAY REQUIRE FIELD ADJUSTMENTS. CONTRACTOR TO VERIFY ELEVATIONS AND LOCATIONS BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.



PRELIMINARY

INTERSTATE DRIVE (PROPOSED)

DUNN AVENUE



DESIGNED
 DRAWN
 CHECKED

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC
 THIS ORIGINAL DOCUMENT, INCLUDING ITS ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

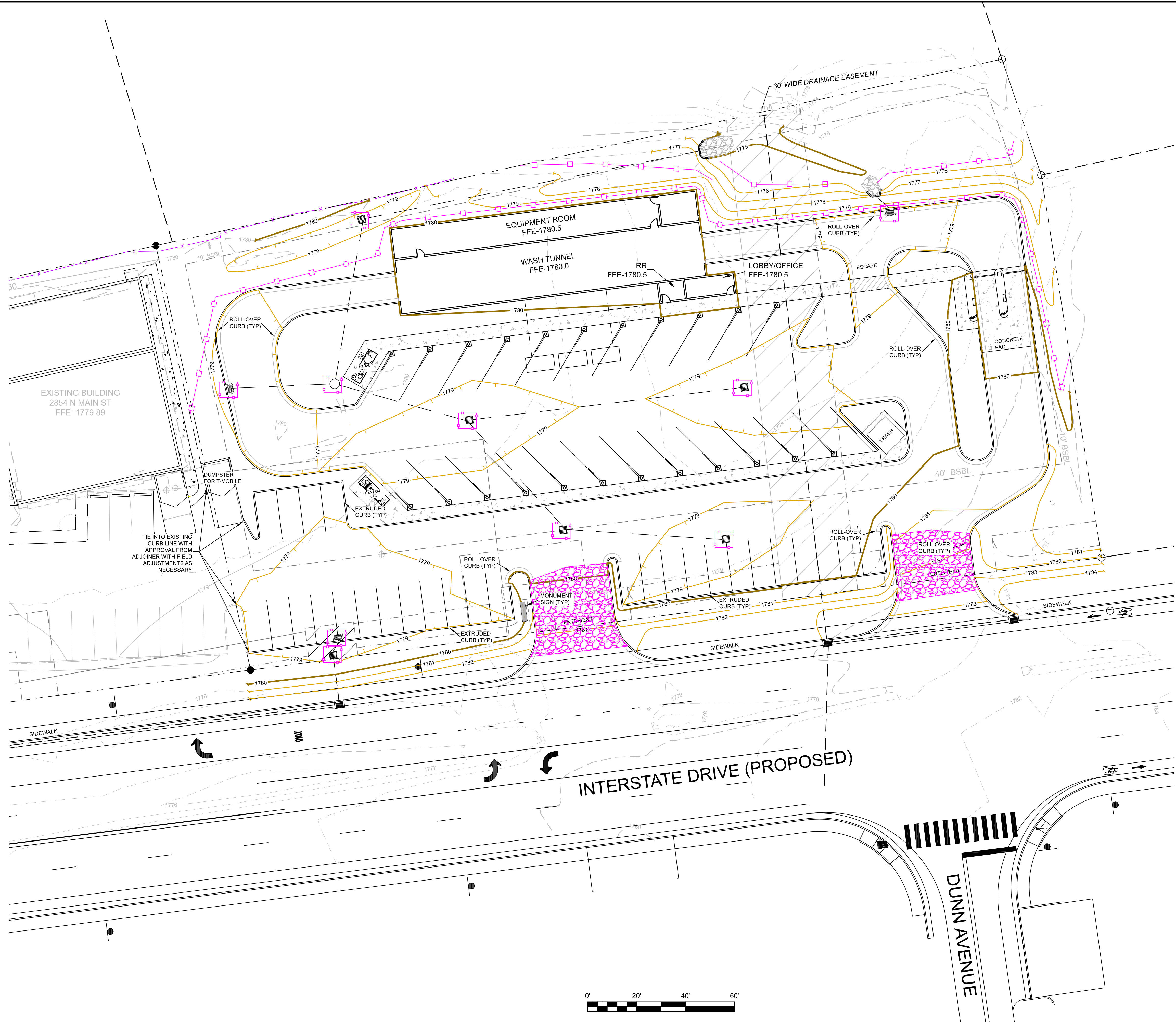
NO.	DATE	PC REVISION	KEH
1	7-11-23	PC REVISION	KEH

SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 1'
 DATE
 7-6-23

GRADING & DRAINAGE PLAN

BUTLER EXPRESS 3
 CAR WASH
 INTERSTATE DRIVE, CROSSVILLE, TN
 TAX MAP: 87 PARCEL: 5.04
 1st DISTRICT, CUMBERLAND COUNTY, TN

LAYOUT NAME
 23-0331
 SHEET
 C-5



- GENERAL EROSION NOTES:
- NO CONSTRUCTION IS TO BEGIN UNTIL ALL EROSION CONTROL MEASURES SHOWN ARE PROPERLY INSTALLED.
 - ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH PERMIT REQUIREMENTS THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL PERMANENT VEGETATION IS ESTABLISHED ON THE SITE. THIS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - IF POSSIBLE, SILT FENCE IS TO BE INSTALLED ALONG EXISTING BANK SLOPE AT A MINIMUM OF 5' VERTICALLY BELOW BUILDING FINISH FLOOR ELEVATIONS AND 10' HORIZONTALLY BEYOND THE LIMIT OF ANY CONSTRUCTION DISTURBANCE.
 - ANY AREAS BROUGHT TO FINAL GRADE AND NOT LONGER SUSCEPTIBLE TO DISTURBANCE SHALL IMMEDIATELY BE STABILIZED WITH PERMANENT COVER AS ONGOING CONSTRUCTION WILL ALLOW.
 - ALL WASH WATER (CONCRETE TRUCKS, VEHICLES CLEANING, EQUIPMENT CLEANING, ETC.) BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.
 - NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OF WATERS OF THE STATE.
 - IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.
 - ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
 - IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
 - SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
 - ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM (e.g. EVENLY DISTRIBUTED, WITHOUT LARGE BARE AREAS) PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE (PREFERABLY) NATIVE VEGETATIVE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, AND ALL SLOPES AND CHANNELS HAS BEEN EMPLOYED.
 - DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.
 - ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OF BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT, AND SHOULD BE CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING.

- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR SHALL BE REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THE ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

LEGEND

- SILT FENCE/EROSION EELS
- CONSTRUCTION ENTRANCE
- RIP-RAP OUTLET PROTECTION
- SILT FENCE/EROSION EELS OUTLET PROTECTION

INTERSTATE DRIVE (PROPOSED)

DUNN AVENUE



PRELIMINARY



DESIGNED	
DRAWN	
CHECKED	

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC

THIS ORIGINAL DOCUMENT, INCLUDING ITS ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

NO.	DATE	PC REVISION	KEH
1	7-11-23		

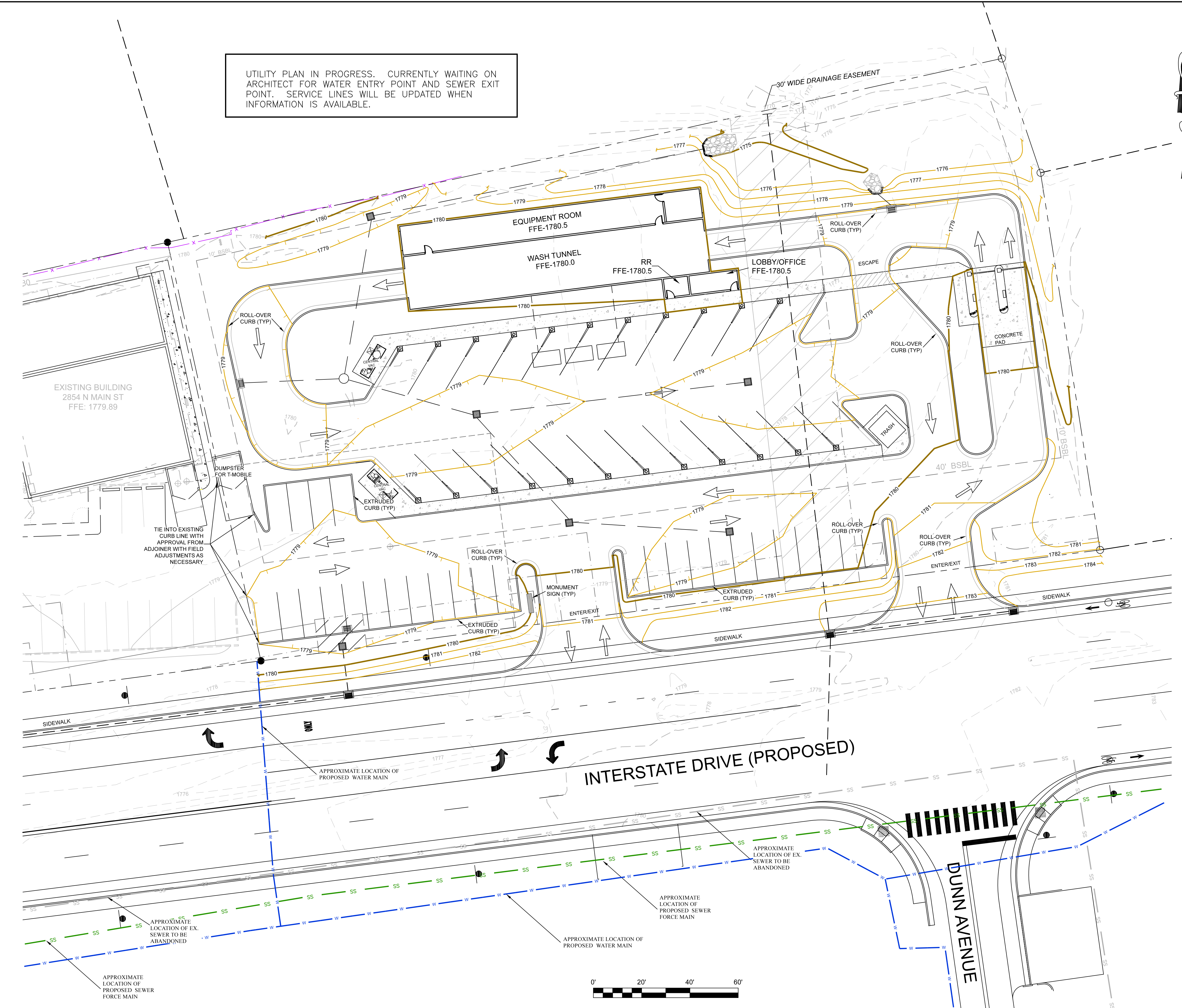
SCALE	HORIZONTAL: 1" = 20'
	VERTICAL: 1" =
DATE	7-6-23

EROSION & SEDIMENT CONTROL PLAN

**BUTLER EXPRESS 3
CAR WASH**
INTERSTATE DRIVE, CROSSVILLE, TN
TAX MAP: 87 PARCEL: 5.04
1st DISTRICT, CUMBERLAND COUNTY, TN

LAYOUT NAME	23-0331
SHEET	C-6

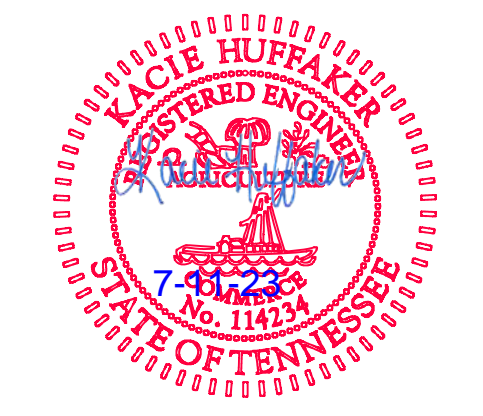
UTILITY PLAN IN PROGRESS. CURRENTLY WAITING ON ARCHITECT FOR WATER ENTRY POINT AND SEWER EXIT POINT. SERVICE LINES WILL BE UPDATED WHEN INFORMATION IS AVAILABLE.



GRADING NOTES
 ANY AREA THAT IS DISTURBED OUTSIDE OF THE LIMIT OF WORK DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

DEVELOPMENT GENERAL NOTES / PROPOSED UNITS / PARKING
 LANDSCAPING SHALL CONFORM TO CITY OF CROSSVILLE REQUIREMENTS.
 SEE BUILDING PLAN FOR SQUARE FOOTAGE OF BUILDING
 BUILDING SETBACKS TO CONFORM TO THE REQUIREMENTS OF THE CITY OF CROSSVILLE AT THE TIME OF CONSTRUCTION.
 ALTA & TOPOGRAPHY PROVIDED BY DEVELOPER.
 OWNER/CONTRACTOR TO VERIFY EXISTING UTILITIES AND BOUNDARY INFORMATION PRIOR TO STARTING CONSTRUCTION.
 ANY SLOPES ONSITE THAT ARE GREATER THAN 2:1 AND SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER.
 SEE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND SPECIFICATIONS OF THE BUILDING AS WELL AS UTILITY ENTER AND EXIT POINTS.
 A DETENTION BASIN IS NOT REQUIRED FOR THE SITE DUE TO A DECREASE IN IMPERVIOUS AREA FROM THE PRE DEVELOPMENT CONDITION TO THE POST DEVELOPMENT CONDITION.
 OWNER/CONTRACTOR TO NOT START CONSTRUCTION UNTIL ALL PERMITS ARE IN PLACE. THE REMAINING PERMITS TO DATE ARE: TDEC STORMWATER PERMIT, TDOT ENTRANCE PERMIT, ETC.
 CONTOURS TYING INTO INTERSTATE DRIVE ARE PROTRACTED FROM TDOT PROJECT NO. STP/M-462(S) PLANS AND MAY NEED TO BE FIELD ADJUSTED. CONTRACTOR TO VERIFY BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.
 TDOT STORMWATER STRUCTURES ALONG INTERSTATE DRIVE HAVE BEEN LOCATED AS BEST POSSIBLE FROM TDOT STP/M-462(S) PLANS AND MAY NOT REPRESENT THE EXACT LOCATION. TOP AND INVERT ELEVATIONS HAVE BEEN PROTRACTED FROM SHEET NO. 4C FROM SAID TDOT PLANS AND MAY REQUIRE FIELD ADJUSTMENTS. CONTRACTOR TO VERIFY ELEVATIONS AND LOCATIONS BEFORE STARTING CONSTRUCTION OR ORDERING MATERIALS IN THESE AREAS.

- GENERAL UTILITY NOTES**
1. THE LOCATION AND SIZE(S) OF UNDERGROUND UTILITIES IS APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND SIZE OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
 2. PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER LINE, WATER LINE OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. COMPASS ENGINEERS AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
 3. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF ALL UTILITIES WITHIN THE PROJECT, IF ANY, WITH THE OWNER OF EACH UTILITY.
 4. ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF CROSSVILLE STANDARDS AND SPECIFICATIONS.
 5. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 5' HORIZONTAL SEPARATION BETWEEN UNDERGROUND ELECTRIC & SEWER LINE.
 6. SEWER LATERALS TO BE 6" UNLESS OTHERWISE SHOWN IN THE PLANS, CIVIL OR BUILDING MECH., OR DIRECTED BY THE ENGINEER. SLOPE PER CODE (MIN. 0.5%).
 7. CONTRACTOR(S) SHALL NOTIFY THE CITY OF CROSSVILLE WATER AND SEWER DEPARTMENT PRIOR TO ANY CONSTRUCTION ACTIVITY.
 8. ELECTRICAL, GAS, TELEPHONE AND CATV TO BE DESIGNED BY APPROPRIATE UTILITY.
 9. ALL DOMESTIC WATER LINES SHALL HAVE A MINIMUM OF 36" COVER. COMPASS ENGINEERS IS NOT CERTIFIED TO SIZE SPRINKLER LINES AND DOMESTIC WATER LINES. MECHANICAL/ SPRINKLER SYSTEM ENGINEER CERTIFIED TO PROVIDE THIS INFORMATION IS TO DETERMINE SIZE TO INSTALL.
 10. CONTRACTOR TO COORDINATE EXACT LOCATION OF UTILITY CONNECTION AT BUILDINGS BY REFERRING TO THE FINALIZED MEP/ARCH. PLANS. SERVICE LINES TO BUILDINGS TO BE SIZED BY MECHANICAL ENGINEER.



PRELIMINARY

INTERSTATE DRIVE (PROPOSED)

DUNN AVENUE



DESIGNED
 DRAWN
 CHECKED

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC
 THIS ORIGINAL DOCUMENT, INCLUDING ITS ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

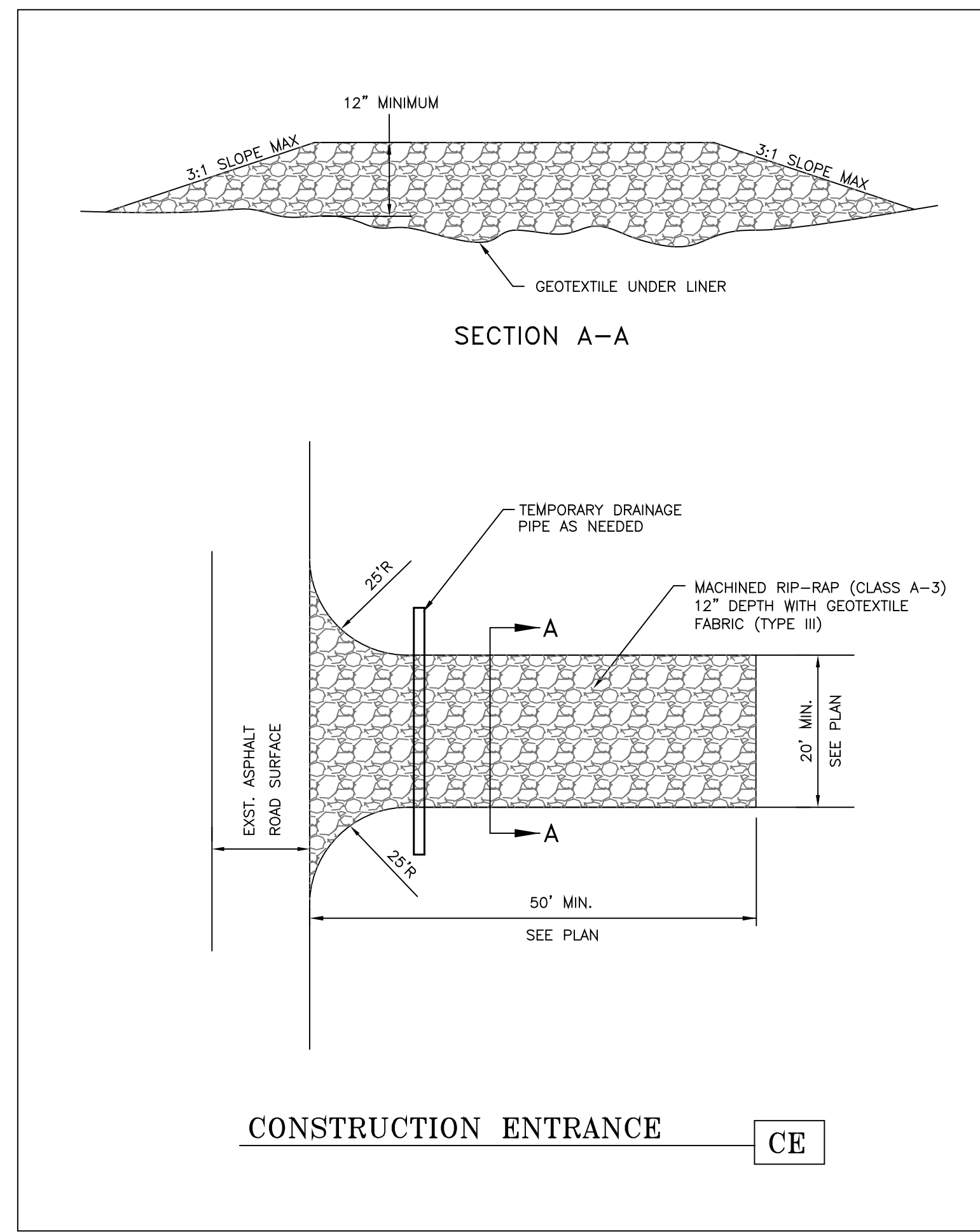
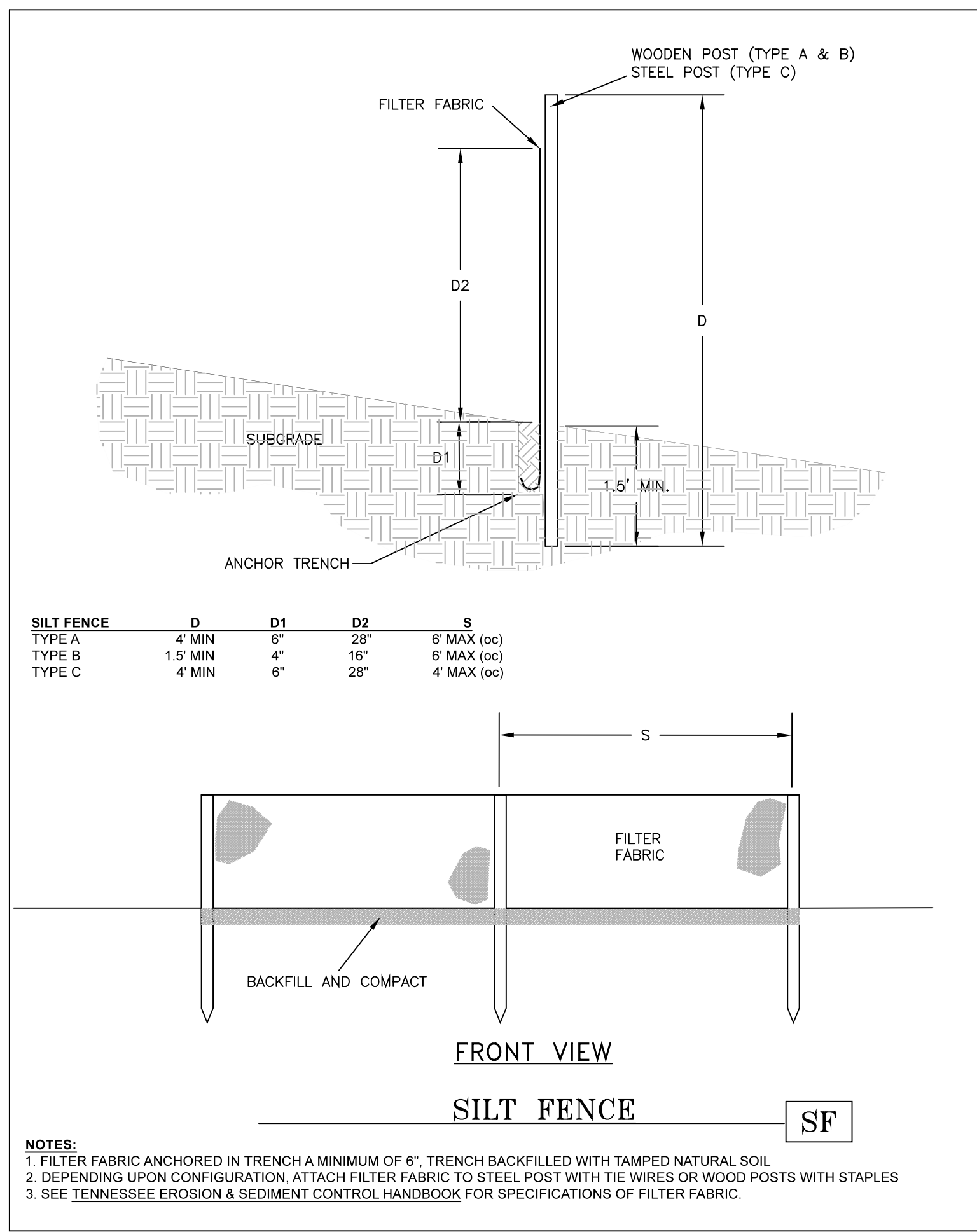
NO.	DATE	REVISION	BY
1	7-11-23	PC REVISION	KEH

SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 10'
 DATE
 7-6-23

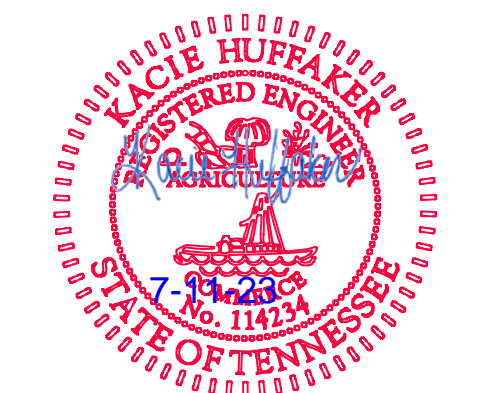
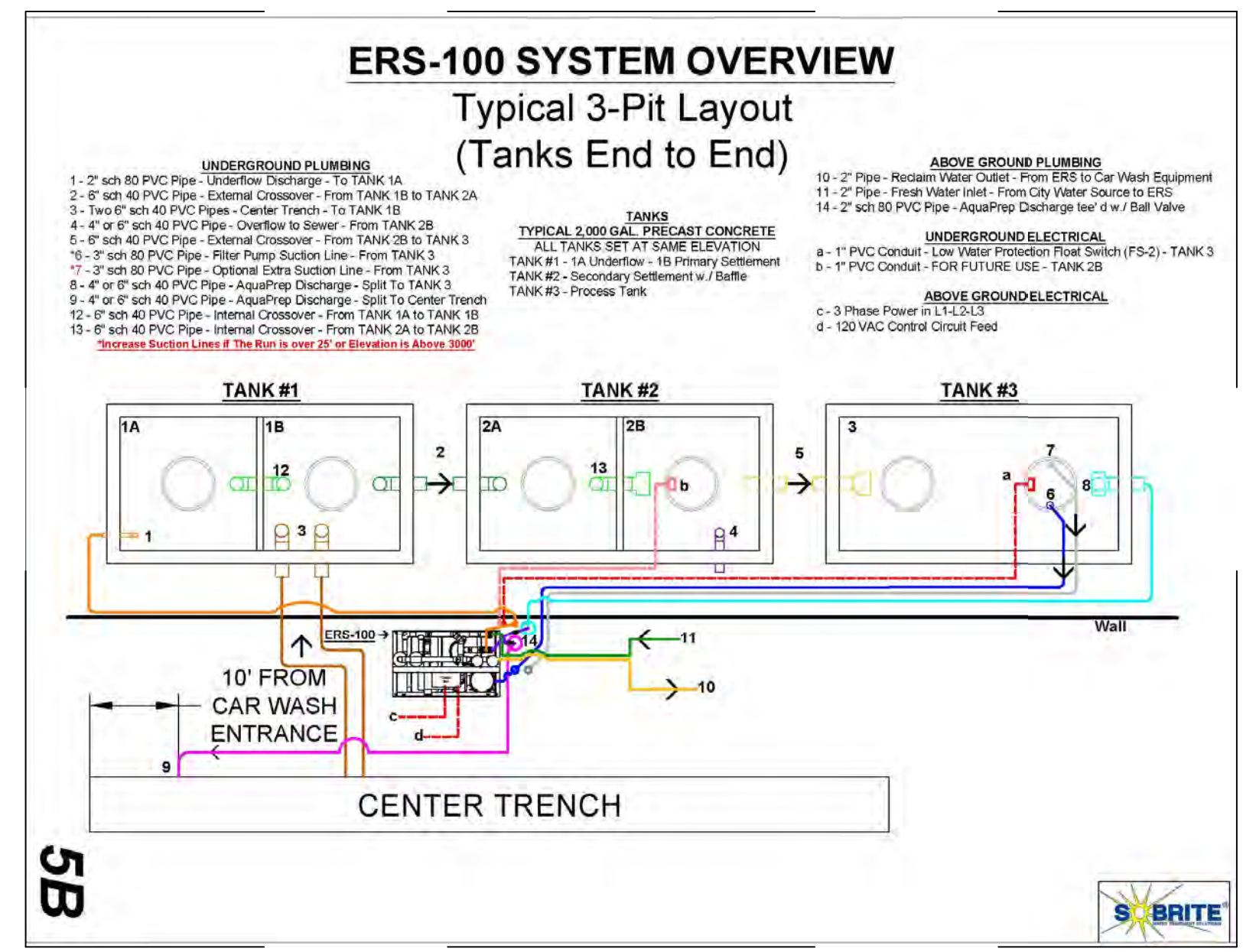
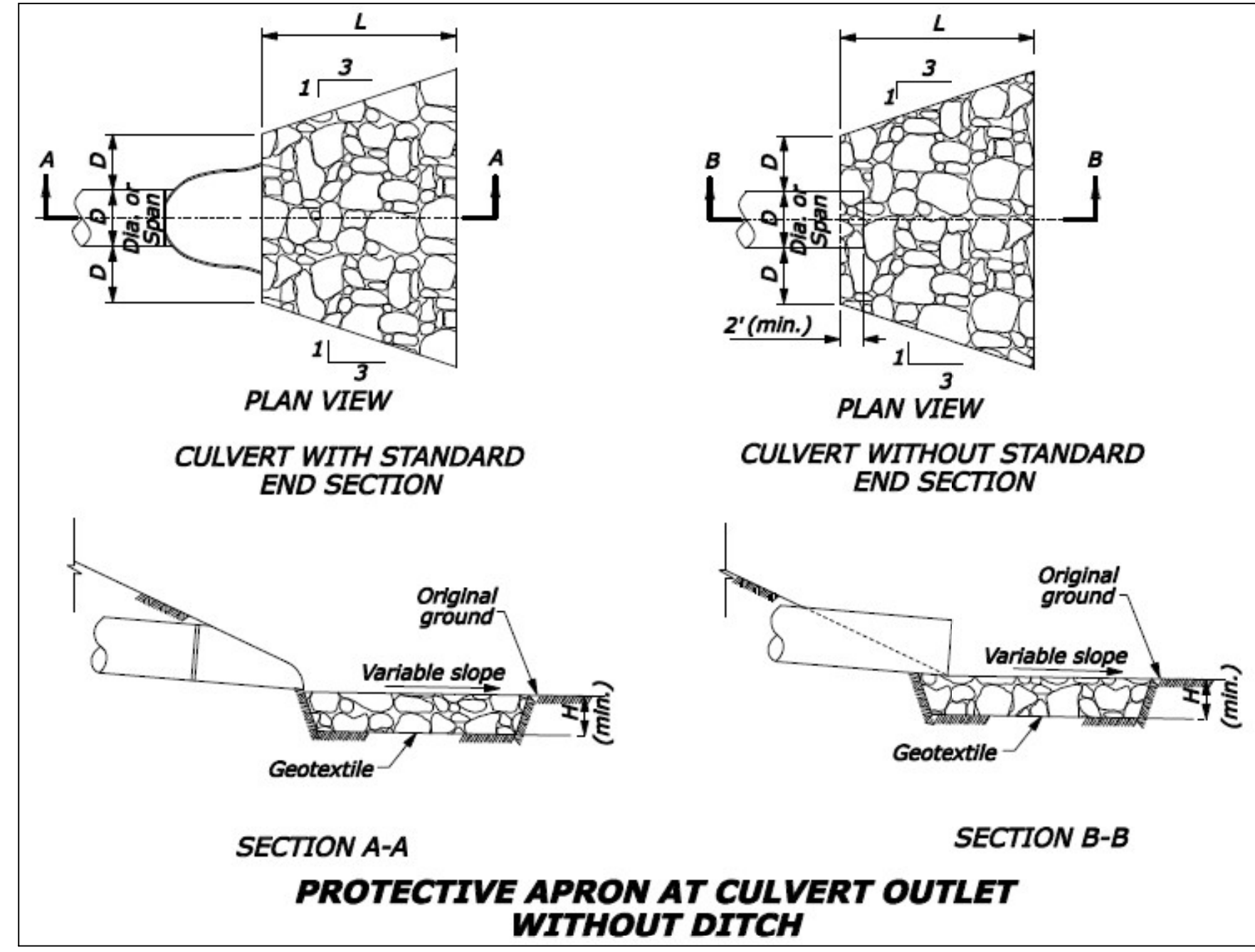
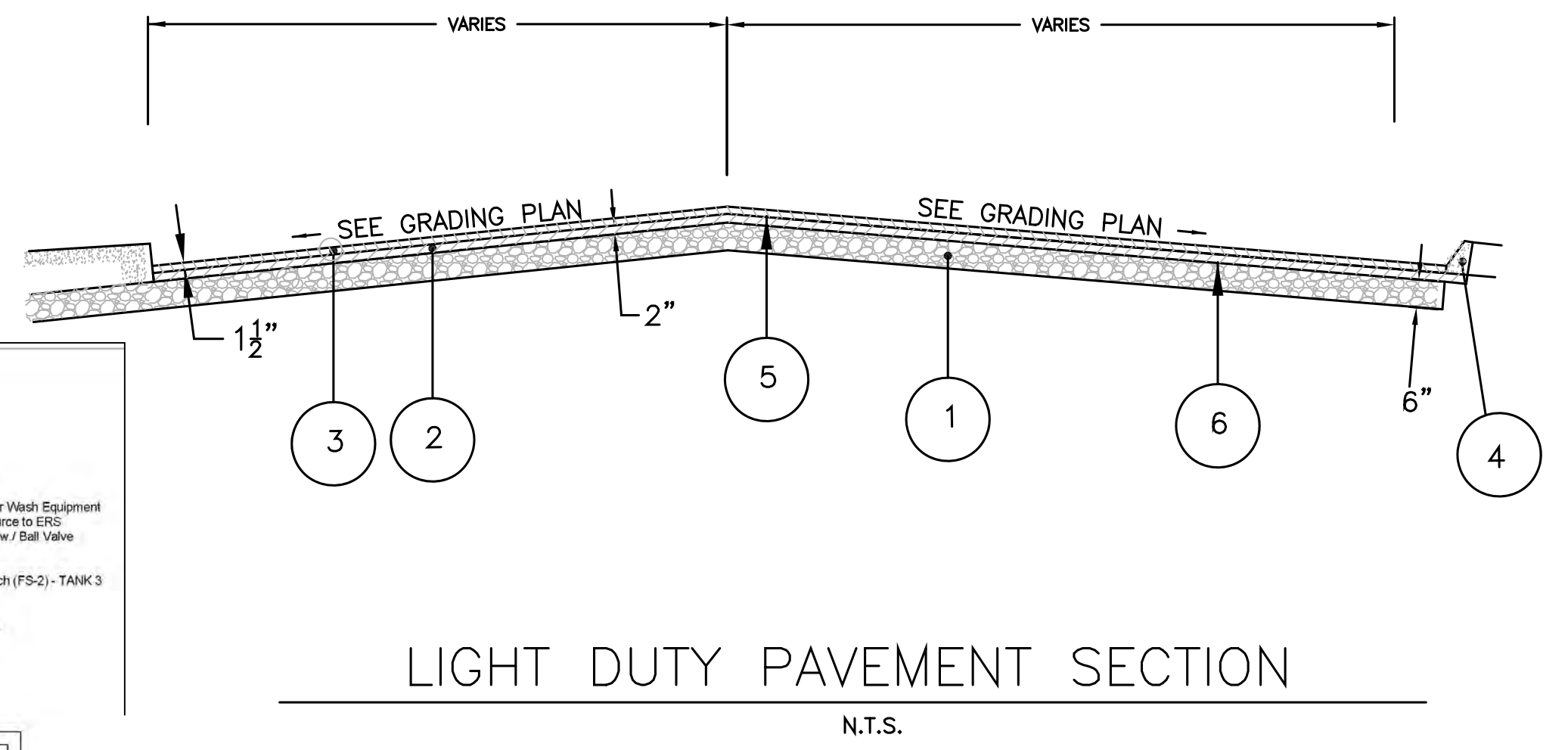
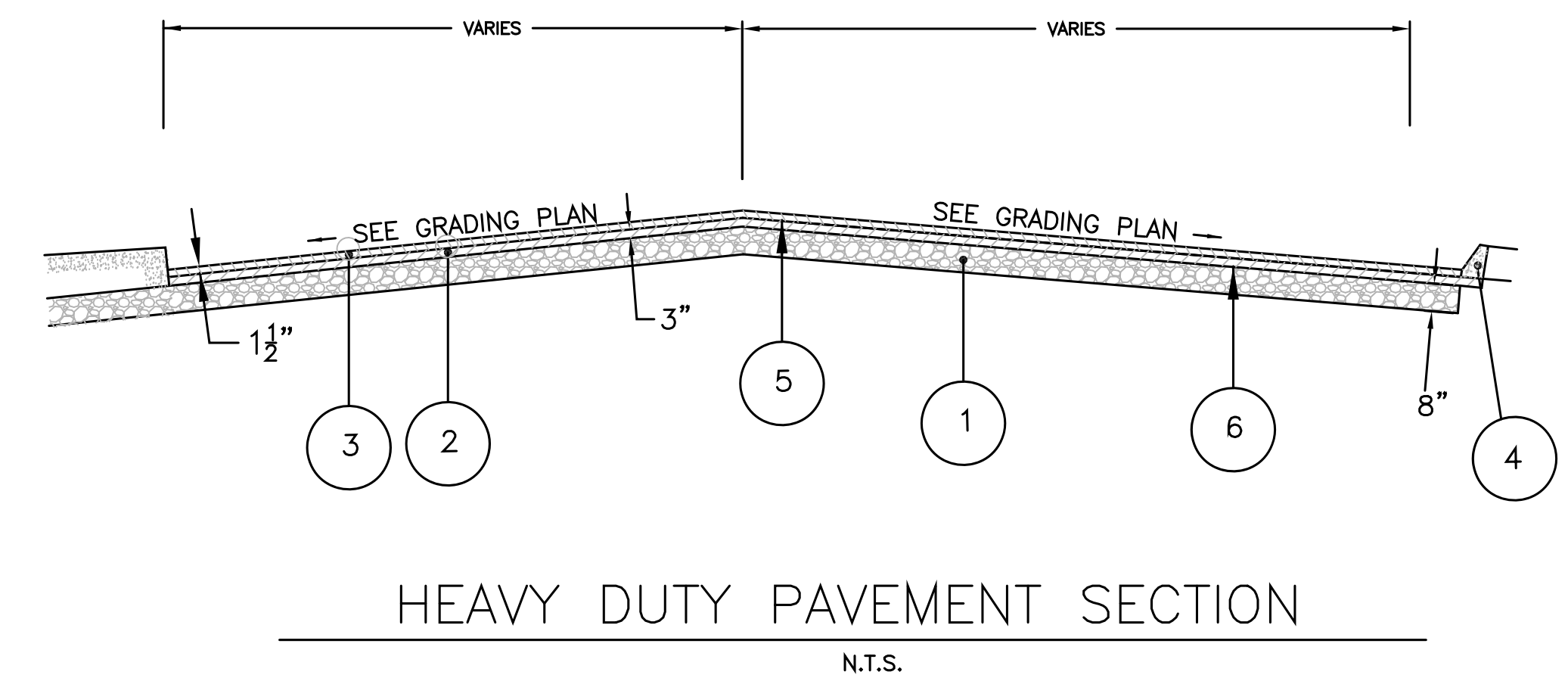
UTILITY PLAN

BUTLER EXPRESS 3
 CAR WASH
 INTERSTATE DRIVE, CROSSVILLE, TN
 TAX MAP: 87 PARCEL: 5.04
 1st DISTRICT, CUMBERLAND COUNTY, TN

LAYOUT NAME
 23-0331
 SHEET
 C-7



PROPOSED PAVEMENT SCHEDULE	
1	MINERAL AGGREGATE BASE (TYPE A, GRADING D)
2	BITUMINOUS PLANT MIX BASE COURSE (GRADING B-MODIFIED)(APP. RATE 4068 LB/CY)
3	ASPHALTIC CONCRETE SURFACE COURSE (GRADING E)(APP. RATE 3870 LB/CY)
4	CONCRETE CURB-(6")
5	PRIME COAT
6	TACK COAT



PRELIMINARY



DESIGNED
 DRAWN
 CHECKED

ALL COPYRIGHTS RESERVED BY: COMPASS VENTURES, LLC

THIS ORIGINAL DOCUMENT, INCLUDING ITS ELECTRONIC FORM, ARE INSTRUMENTS OF SERVICE FOR USE SOLELY ON THIS PROJECT AND REMAIN THE PROPERTY OF THE ENGINEER. IT MAY NOT BE COPIED, REPRODUCED OR REVISED WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

NO.	DATE	REVISION	BY

SCALE
 HORIZONTAL: 1"=
 VERTICAL: 1"=
 DATE
 7-6-23

DETAILS

BUTLER EXPRESS 3
 CAR WASH
 INTERSTATE DRIVE, CROSSVILLE, TN
 TAX MAP: 87 PARCEL: 5.04
 1st DISTRICT, CUMBERLAND COUNTY, TN

LAYOUT NAME
 23-0331
 SHEET
 C-8