

CONTRACTOR NOTES

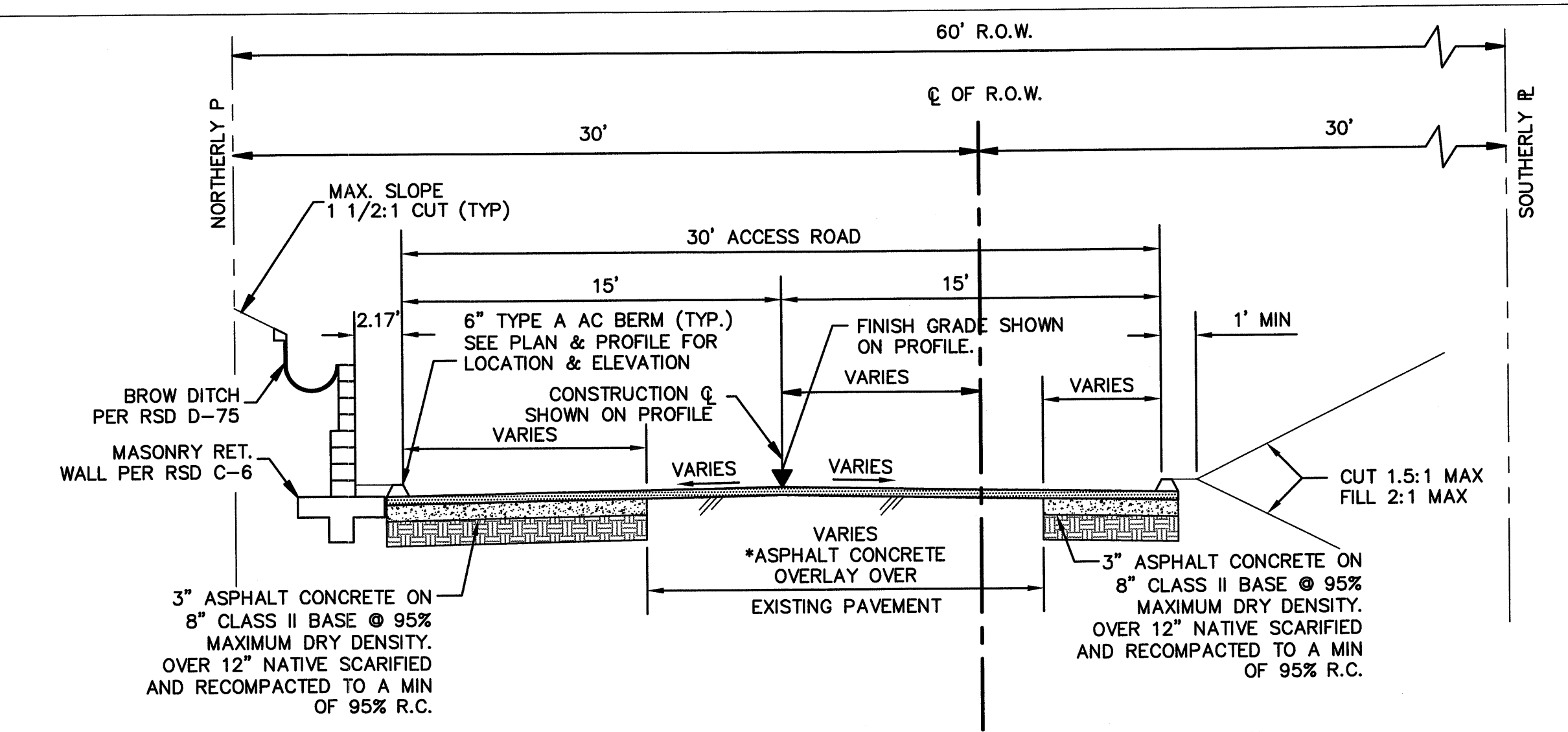
THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK.

- NEITHER THE OWNER, NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT ALL FILL IN STRICT ACCORDANCE WITH SDG&E'S SPECIFICATIONS. A GEOTECHNICAL ENGINEER SHALL BE THE OWNER'S REPRESENTATIVE TO INSPECT THE CONSTRUCTION OF FILLS. THE EXCAVATION AND THE PLACEMENT OF FILL SHALL BE UNDER THE DIRECT INSPECTION OF THE GEOTECHNICAL ENGINEER, AND HE/SHE SHALL GIVE WRITTEN NOTICE OF CONFORMANCE WITH THE SPECIFICATIONS UPON COMPLETION OF GRADING. DEVIATIONS FROM SDG&E'S SPECIFICATIONS WILL BE PERMITTED ONLY UPON WRITTEN AUTHORIZATION FROM THE GEOTECHNICAL ENGINEER.
- OBSERVATIONS AND COMPACTION TESTS SHALL BE MADE BY THE GEOTECHNICAL ENGINEER DURING THE FILLING AND COMPACTION OPERATIONS SO THAT HE/SHE CAN STATE HIS OPINION THAT THE FILL WAS CONSTRUCTED IN ACCORDANCE WITH SDG&E'S SPECIFICATIONS.
- DURING CONSTRUCTION: THE CONTRACTOR SHALL GRADE ALL EXCAVATED SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. THE CONTRACTOR SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES OR TO FINISH WORK ON THE SITE. THE CONTRACTOR SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF FRESHLY GRADED AREAS, AND UNTIL SUCH TIME AS PERMANENT DRAINAGE AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- AFTER GRADING IS COMPLETED AND THE GEOTECHNICAL ENGINEER HAS FINISHED HIS OBSERVATIONS OF THE WORK, NO FURTHER EXCAVATION OR FILLING SHALL BE DONE EXCEPT UNDER THE OBSERVATIONS OF THE GEOTECHNICAL ENGINEER.
- CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
- CUT SLOPES SHALL BE SERRATED AND LEFT ROUGH. FILL SLOPES SHALL BE OVERBUILT BY AT LEAST 3 FEET AND CUT BACK TO DESIRED SLOPE. FILL SLOPES SHALL BE TRACK WALKED TWICE OR MORE AS NEEDED TO ACHIEVE SATISFACTORY COMPACTION OF THE SLOPE FACE.
- WHERE TRENCHES ARE WITHIN EASEMENTS, STREETS, OR 10 FEET OF ANY BUILDING, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED GEOTECHNICAL ENGINEER WHICH INDICATE THAT TRENCH BACKFILL WAS COMPACTED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER AND IN ACCORDANCE WITH THE ABOVE NAMED SPECIFICATIONS.
- BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY COMPANY.
- CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
- CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITY COMPANIES PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES. BEFORE EXCAVATING, VERIFY LOCATION OF EXISTING ELECTRICAL, GAS, TELEPHONE, CATV AND ALL OTHER UTILITIES. CONTACT UNDERGROUND SERVICE ALERT AT (800) 422-4133.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHERS NOT ON RECORD OR NOT SHOWN ON THESE PLANS. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
- FILL SLOPES ARE 2:1 AND CUT SLOPES 1:1 AND 1.5:1 HORIZONTAL TO VERTICAL UNLESS OTHERWISE NOTED.
- ON-SITE IMPROVEMENTS ARE PRIVATE FROM 24+16.34 - 141+61.87. ON-SITE IMPROVEMENTS ARE PUBLIC FROM 9+84.07 - 18+81.85.
- ALL TREES, BRUSH, GRASS, AND OTHER OBJECTIONABLE MATERIAL TO BE REMOVED, SHALL BE COLLECTED AND DISPOSED OF BY THE CONTRACTOR OFF THE SITE SO AS TO LEAVE THE AREAS THAT HAVE BEEN CLEARED WITH A NEAT AND FINISHED APPEARANCE AND FREE FROM UNSIGHTLY DEBRIS.
- ALL VEGETABLE MATTER AND OBJECTIONABLE MATERIAL SHALL BE REMOVED BY THE CONTRACTOR FROM THE SURFACE UPON WHICH THE FILL IS TO BE PLACED. BRUSH AND TREES SHALL BE REMOVED ONLY WITHIN THE AREA TO BE GRADED, OR IMPROVED, EXCEPT THAT TREES SHOWN ON THE PLANS TO BE SAVED SHALL NOT BE REMOVED. TREES SHOWN TO BE SAVED, AND TREES OUTSIDE OF THE AREAS TO BE GRADED OR OTHER AREAS TO BE IMPROVED, SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR'S OPERATIONS.
- THE ELEVATIONS SHOWN ON THE PLANS REPRESENT THE FINISH SURFACE ELEVATIONS OF ROADS, PAVEMENTS, FLOOR SLABS ON-GRADE, AND LANDSCAPED AREAS UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL MAKE ALLOWANCES FOR THE THICKNESS OF PAVING MATERIALS, CONCRETE SLABS, AND TOPSOIL.
- GRADING SHALL BE DONE WITHIN A TOLERANCE OF (+/-)0.1' OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN 0.5'(+/-) OF THE LOCATION SHOWN ON THESE PLANS. IN NO WAY SHALL THE ABOVE TOLERANCES RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PROVIDING A FINISH THAT WILL NOT POND WATER.
- ANY QUANTITIES INDICATED ON THESE PLANS ARE ENGINEERS' ESTIMATES ONLY AND ARE NOT TO BE USED BY CONTRACTOR FOR BIDDING PURPOSES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYOR'S ACT.

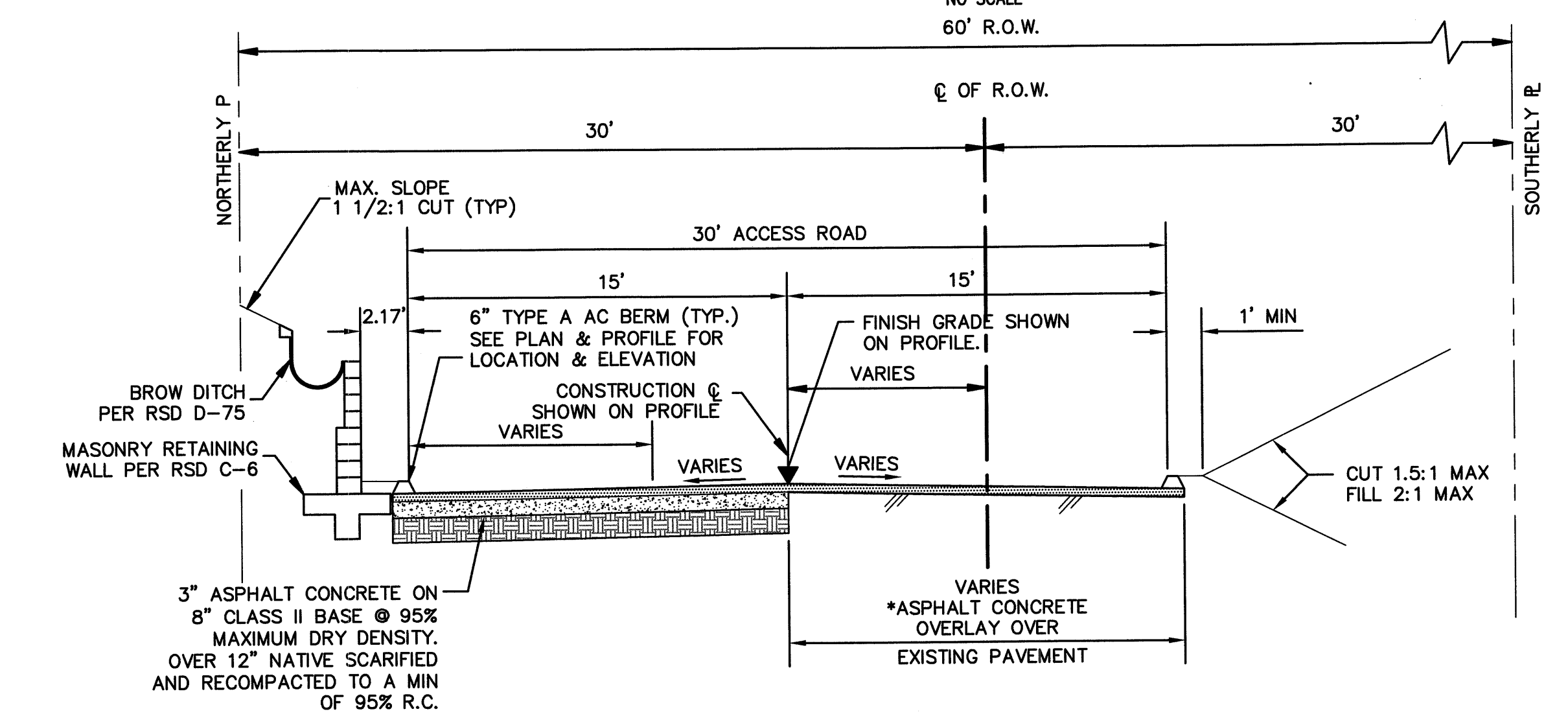
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



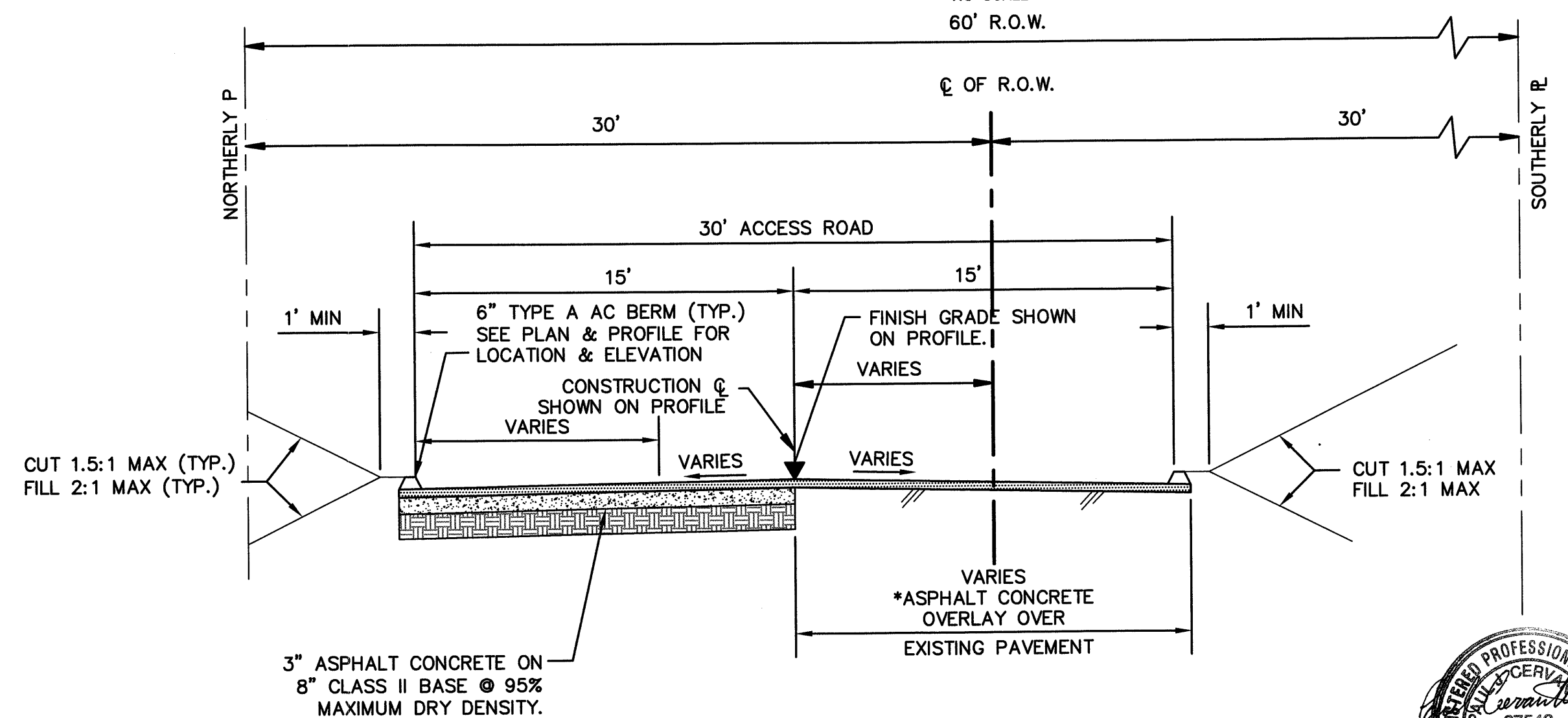
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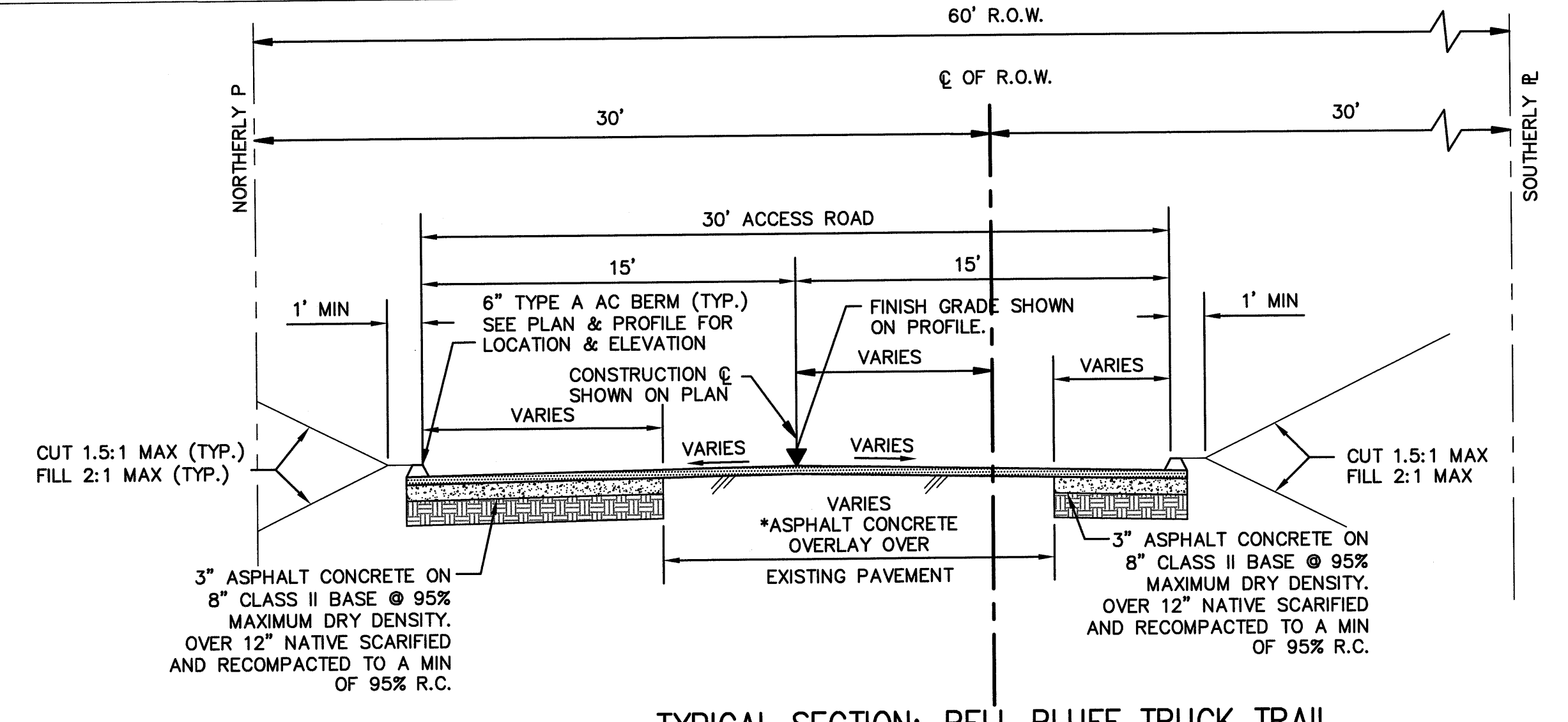
TYPICAL SECTION: BELL BLUFF TRUCK TRAIL
STA. 141+50.33 - STA. AHEAD 141+61.87 (PRIVATE) = STA. AHEAD 9+84.87 (PUBLIC) - 10+09.94
NO SCALE



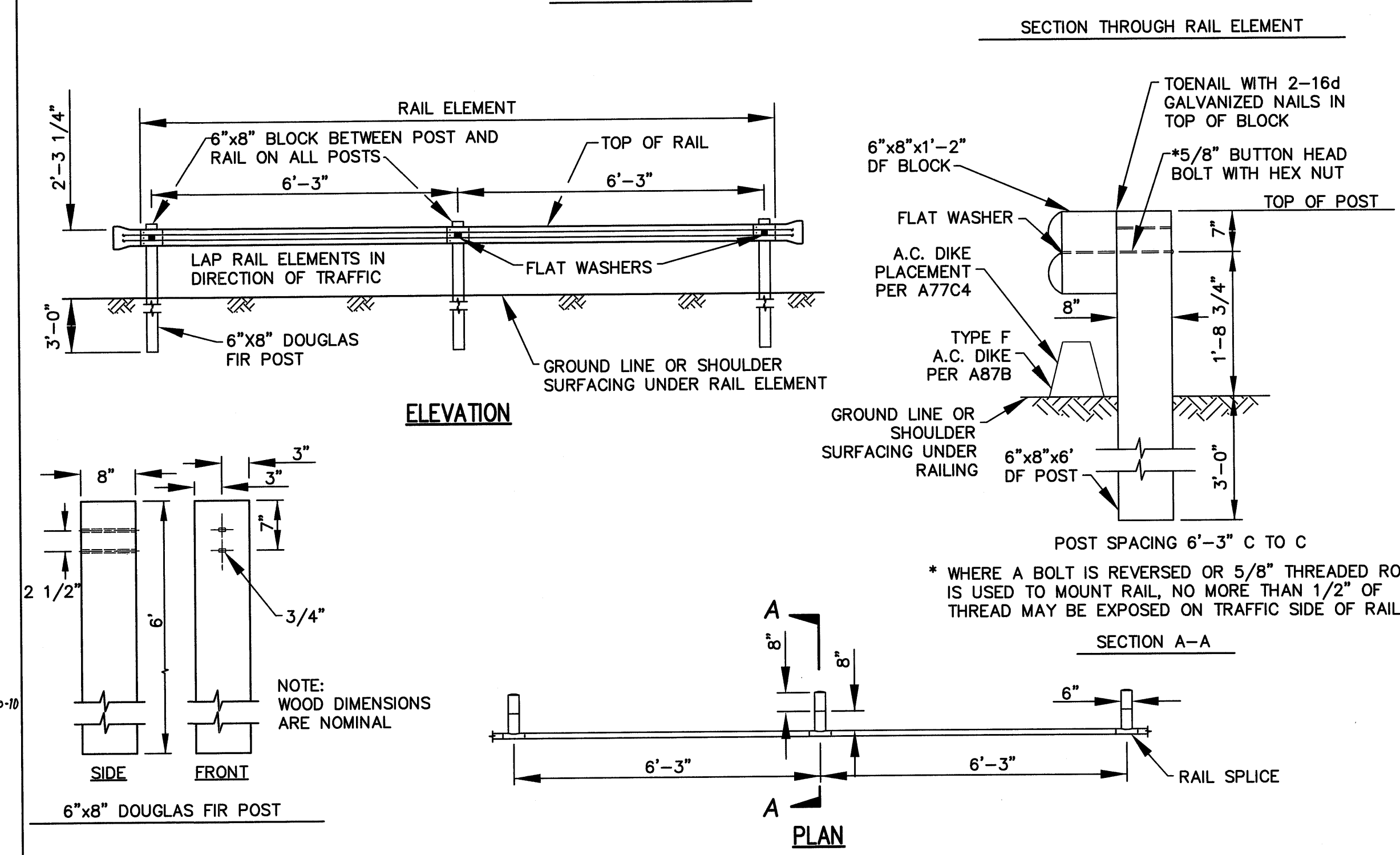
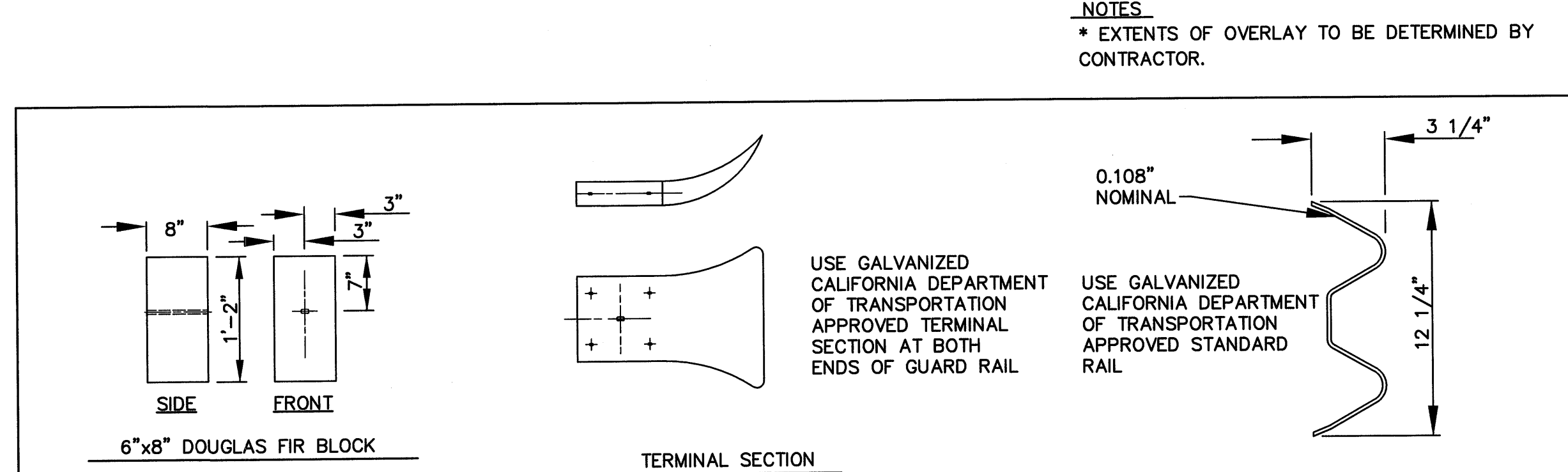
TYPICAL SECTION: BELL BLUFF TRUCK TRAIL
STA. 10+09.94 - 10+55.95
STA. 13+56.55 - 15+50.00
NO SCALE



TYPICAL SECTION: BELL BLUFF TRUCK TRAIL
STA. 10+55.95 - 13+56.54
STA. 15+50.01 - 17+73.93
NO SCALE



TYPICAL SECTION: BELL BLUFF TRUCK TRAIL
STA. 17+73.93 - 18+55.72
NO SCALE



GUARDRAIL STA 124+63.18-128+96.50 (USE CALTRANS STANDARD PLAN A77A1 & A77C1)

REVISIONS

NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SUNCREST SUBSTATION ACCESS ROAD

DETAILS

DRAWN BY: DHT DATE: 3/24/10 SCALE: 1"=20' W.O.: - REV: 0
 CHECKED BY: PJC DATE: -
 APPROVED BY: CR DATE: - SHEET 3 OF 55
 CAD NO.: IPPV703 PLOT SCALE: 1=1

SCR-C-203