

EXISTING LEGEND:

LIST OF ABBREVIATIONS
U/G - UNDERGROUND
HC - HANDICAPPED CONC. - CONCRETE
APPROX. - APPROXIMATE
SAN. - SANITARY
ASPH. - ASPHALT
TYP. - TYPICAL
BLDG. - BUILDING
PED. - PEDESTAL
PLTR. - PLANTER
G/R - GAS REGULATOR
G/L - GROUND LIGHT
TRANS - TRANSFORMER
F.F. - FINISHED FLOOR
C - CENTER LINE
R.O.W - RIGHT-OF-WAY
FCE - FENCE
DIA. - DIAMETER
BLVD. - BOULEVARD
B/L - BUILDING SETBACK LINE
ESMT. - EASEMENT
A/S - AUTO-SPRINKLER
DIST. - DISTANCE
BEARING
W/UGS - WITH UNDERGROUND SERVICE
MW - MONITOR WELL
STAT. - STATUTORY
M - MEASURED DIMENSION
P - PLAT DIMENSION
IG - IRON GRATE
R - RECORD DIMENSION
RD - ROOF DRAIN
P.O.M. - POINT OF MEASUREMENT

PIPELINE VENT	TELE. PED.	TRAFFIC CONTROL BOX
GAS METER	ELEC. PEDESTAL	ROAD SIGN
SIGNAL LIGHT	WATER VALVE	ELECTRIC MANHOLE
PIPELINE MRKR	POWER POLE	GROUND LIGHT
MAIL BOX	PULL BOX	GAS VALVE
BUSH	FIRE HYDRANT	TEL. U.G. MRKR
CURB INLET W/ M.H. COVER	TREE	TELE. MANHOLE
SAN. SEW. M.H.	STOCKADE FCE	ELEC. MANHOLE
GUARD POST	BARB WIRE FCE	STOCKADE FCE
TV PED	CHAIN LINK FCE	ESMT.
LIGHT POLE	WATER METER	A/S
MONITOR WELL	TRASH CAN	DIST.
STORM SEWER	SS	BEARING
UNDERGROUND TANK ACCESS	SANITARY SEWER	W/UGS
FIBER OPTIC	WATER LINE	MW
UTA	HANDICAP	STAT.
CONCRETE	IRON GRATE	M
TRAFFIC DIRECTION	WATER HYDRANT	P
TR - TOP OF RIM	FL - FLOW LINE	IG
		R
		RD
		P.O.M.

PROPOSED LEGEND:

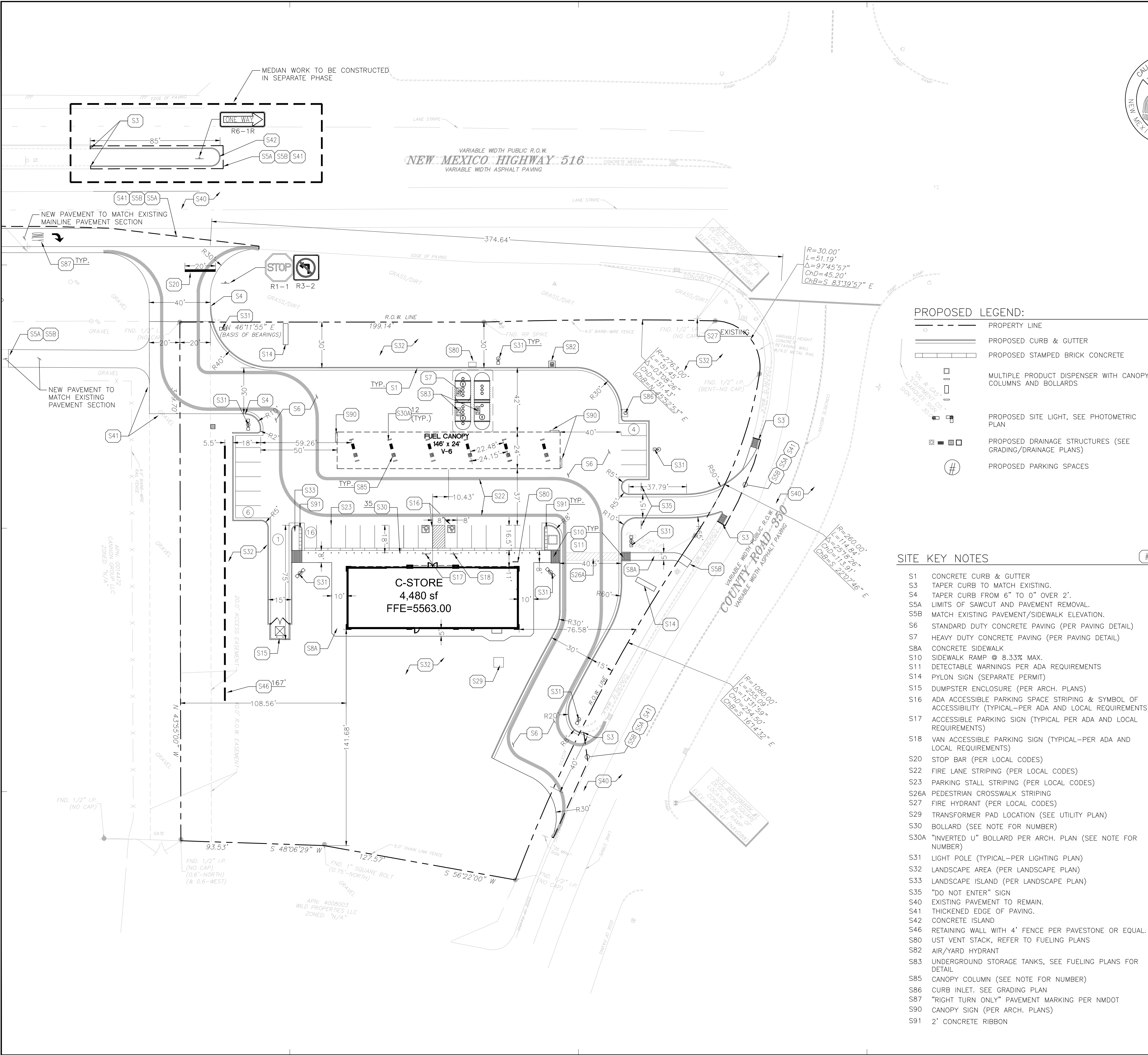
PROPERTY LINE
PROPOSED CURB & GUTTER
PROPOSED STAMPED BRICK CONCRETE
MULTIPLE PRODUCT DISPENSER WITH CANOPY COLUMNS AND BOLLARDS
PROPOSED SITE LIGHT, SEE PHOTOMETRIC PLAN
PROPOSED DRAINAGE STRUCTURES (SEE GRADING/DRAINAGE PLANS)
PROPOSED PARKING SPACES

SITE KEY NOTES

- CONCRETE CURB & GUTTER
- TAPER CURB TO MATCH EXISTING.
- TAPER CURB FROM 6" TO 0" OVER 2'.
- LIMITS OF SAWCUT AND PAVEMENT REMOVAL.
- MATCH EXISTING PAVEMENT/SIDEWALK ELEVATION.
- STANDARD DUTY CONCRETE PAVING (PER PAVING DETAIL)
- HEAVY DUTY CONCRETE PAVING (PER PAVING DETAIL)
- CONCRETE SIDEWALK
- SIDEWALK RAMP @ 8.33% MAX.
- DETECTABLE WARNINGS PER ADA REQUIREMENTS
- PYLON SIGN (SEPARATE PERMIT)
- DUMPSTER ENCLOSURE (PER ARCH. PLANS)
- ADA ACCESSIBLE PARKING SPACE STRIPING & SYMBOL OF ACCESSIBILITY (TYPICAL-PER ADA AND LOCAL REQUIREMENTS)
- ACCESSIBLE PARKING SIGN (TYPICAL PER ADA AND LOCAL REQUIREMENTS)
- VAN ACCESSIBLE PARKING SIGN (TYPICAL-PER ADA AND LOCAL REQUIREMENTS)
- STOP BAR (PER LOCAL CODES)
- FIRE LANE STRIPING (PER LOCAL CODES)
- PARKING STALL STRIPING (PER LOCAL CODES)
- PEDESTRIAN CROSSWALK STRIPING
- FIRE HYDRANT (PER LOCAL CODES)
- TRANSFORMER PAD LOCATION (SEE UTILITY PLAN)
- BOLLARD (SEE NOTE FOR NUMBER)
- "INVERTED U" BOLLARD PER ARCH. PLAN (SEE NOTE FOR NUMBER)
- LIGHT POLE (TYPICAL-PER LIGHTING PLAN)
- LANDSCAPE AREA (PER LANDSCAPE PLAN)
- LANDSCAPE ISLAND (PER LANDSCAPE PLAN)
- "DO NOT ENTER" SIGN
- EXISTING PAVEMENT TO REMAIN.
- THICKENED EDGE OF PAVING.
- CONCRETE ISLAND
- RETAINING WALL WITH 4' FENCE PER PAVESTONE OR EQUAL.
- UST VENT STACK, REFER TO FUELING PLANS
- AIR/YARD HYDRANT
- UNDERGROUND STORAGE TANKS, SEE FUELING PLANS FOR DETAIL
- CANOPY COLUMN (SEE NOTE FOR NUMBER)
- CURB INLET, SEE GRADING PLAN
- "RIGHT TURN ONLY" PAVEMENT MARKING PER NMDOT
- CANOPY SIGN (PER ARCH. PLANS)
- 2' CONCRETE RIBBON

GENERAL SITE NOTES:

- CONTRACTOR MUST SECURE ALL NECESSARY PERMITS PRIOR TO STARTING WORK.
- IF THE CONTRACTOR, IN THE COURSE OF THE WORK, FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OF THE LOCALITY, OR ANY ERRORS OR OMISSIONS IN THE PLANS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER, IT SHALL BE HIS DUTY TO IMMEDIATELY INFORM THE ENGINEER, IN WRITING, AND THE ENGINEER WILL PROMPTLY VERIFY THE SAME. ANY WORK DONE AFTER SUCH A DISCOVERY, UNTIL AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE STATE AND LOCAL GOVERNMENT AGENCY LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
- ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODE.
- NOTIFY THE CITY INSPECTOR TWENTY-FOUR (24) HOURS BEFORE BEGINNING EACH PHASE OF CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, REFERENCE POINTS, AND STAKES.
- ARCHITECTURAL PLANS ARE TO BE USED FOR BUILDING STAKE OUT.
- ALL DIMENSIONS ARE FROM FACE OF BUILDING, CURB, AND WALL UNLESS OTHERWISE SPECIFIED ON PLANS.
- CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMITS DUE TO CONSTRUCTION OPERATION.
- ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL ROAD WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE AND LOCAL GOVERNMENT AGENCY SPECIFICATIONS.
- STANDARD/HEAVY DUTY PAVEMENT AND CONCRETE SECTIONS SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED BY TERRACON CONSULTANTS, INC., DATED JAN 31, 2014. SEE CIVIL DETAILS.
- ALL CURB RADII SHALL BE 5' UNLESS OTHERWISE NOTED ON THE PLANS.



ISSUE/REVISION RECORD	
DATE	DESCRIPTION
5-19-14	INITIAL BIDSET
8-08-14	CK REVIEW COMMENTS
9-30-14	RIGHT TURN LANE
0-23-14	NMDOT RESUBMITTAL



PROFESSIONAL IN CHARGE
FARMAN SHIR, PE
PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER
MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE

DRAWN BY
KIEW KAM, PE

PROJECT NAME
CIRCLE K

**SAN JUAN COUNTY
NEW MEXICO**

319 NM 516
FLORA VISTA

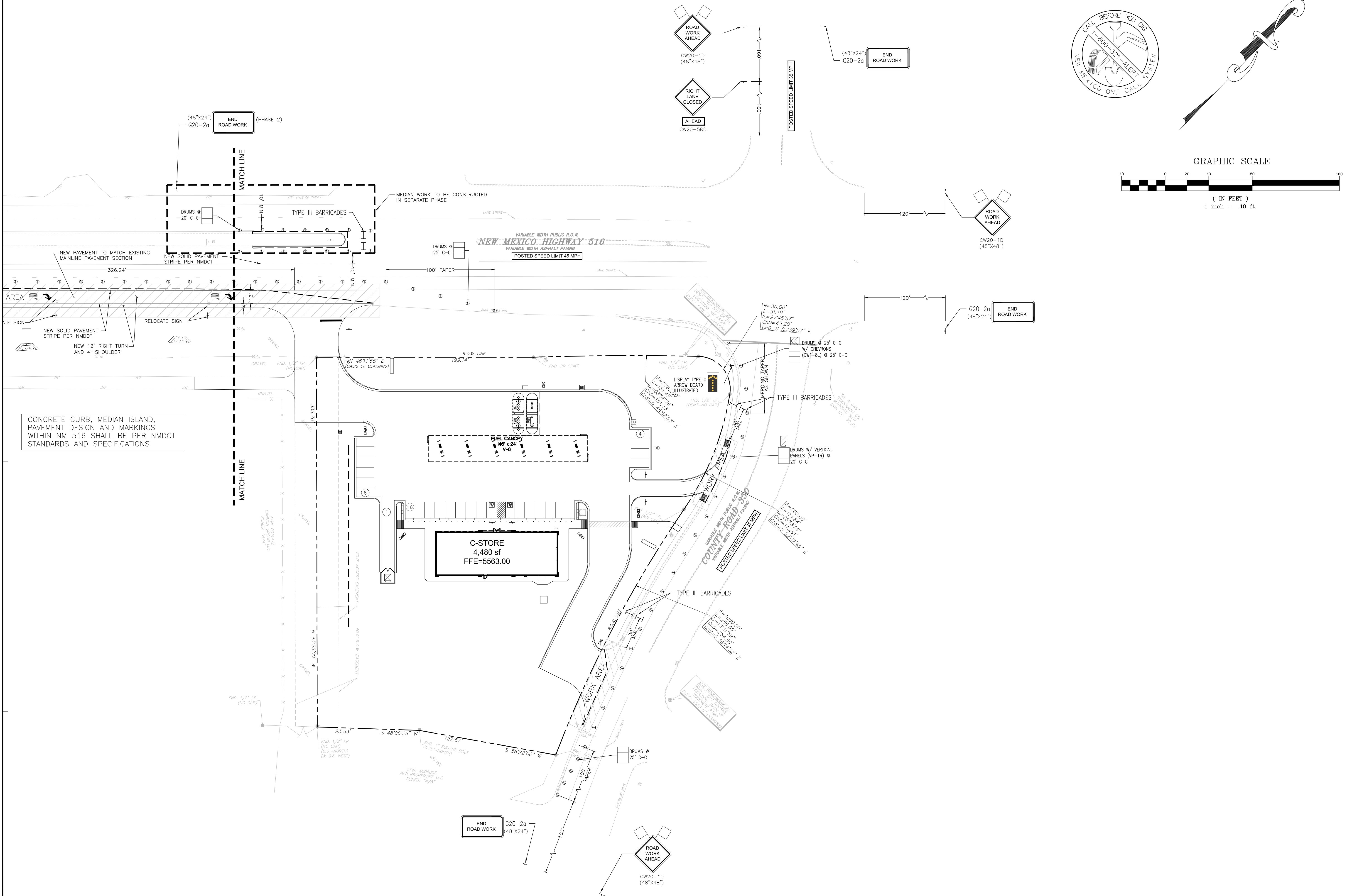
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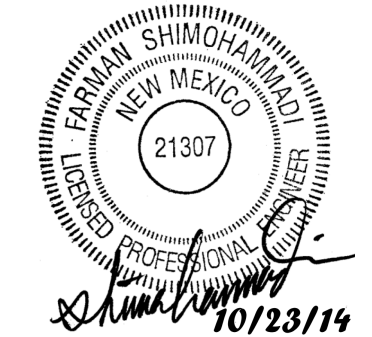
SHEET TITLE

RIGHT TURN LANE & TRAFFIC CONTROL PLAN-1

SHEET NUMBER

C-1.0.1





PROFESSIONAL IN CHARGE
FARMAN SHIR, PE
PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER
MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE

DRAWN BY
KIEW KAM, PE

PROJECT NAME
CIRCLE K

SAN JUAN COUNTY
NEW MEXICO

819 NM 516
FLORA VISTA



PROJECT NUMBER
20130768

SHEET TITLE

**RIGHT TURN LANE &
TRAFFIC CONTROL
PLAN-2**

SHEET NUMBER

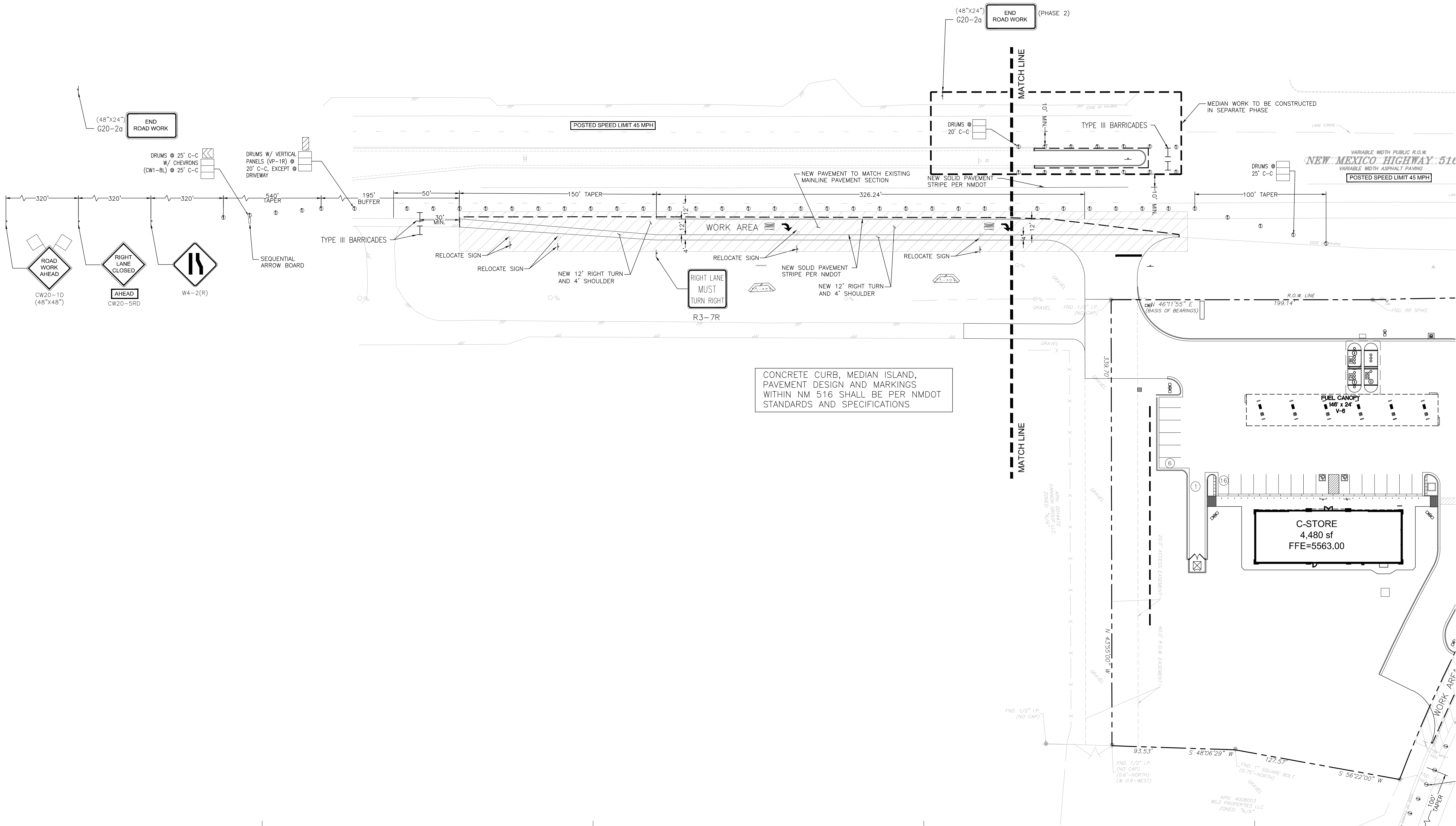
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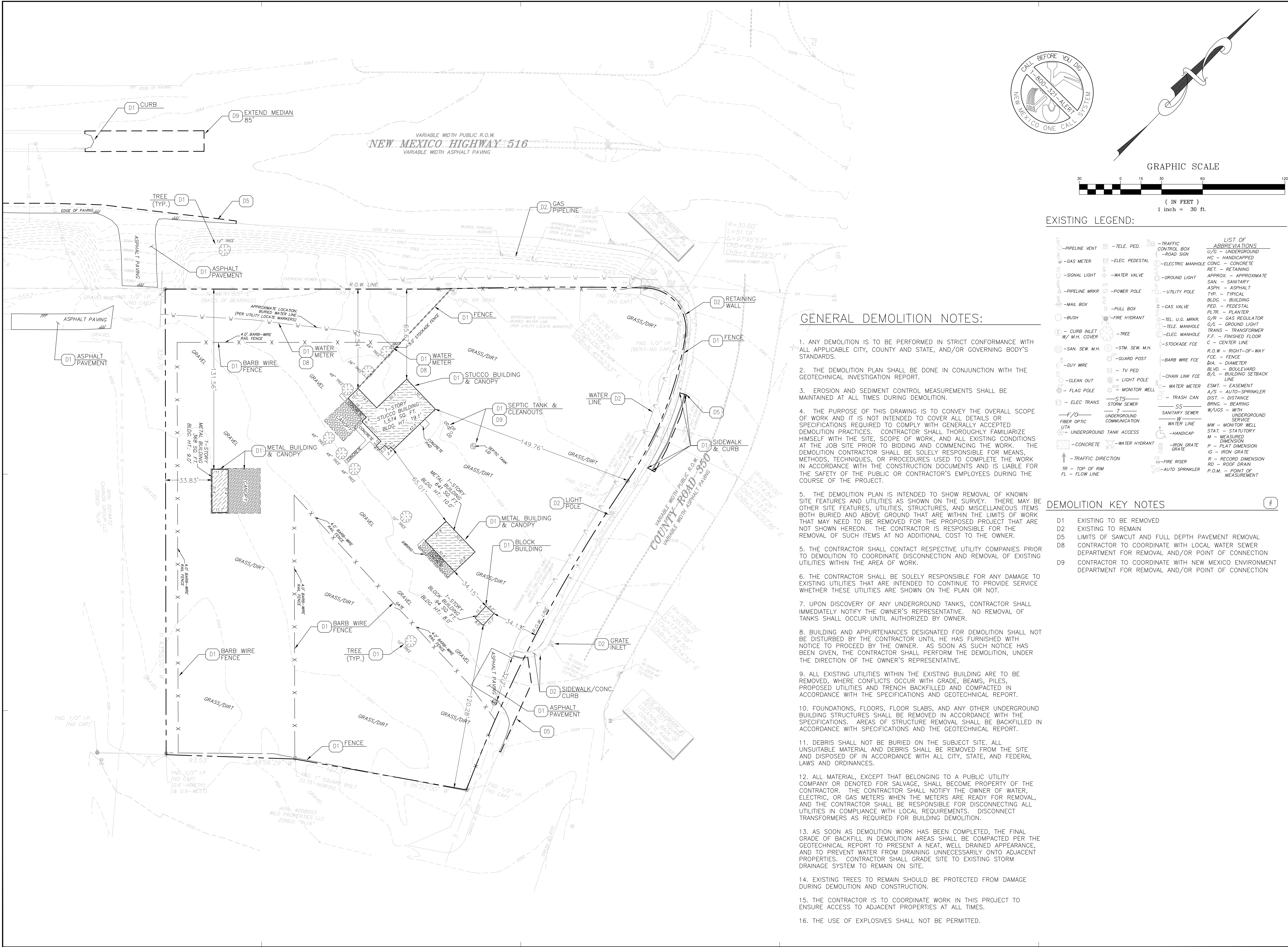


GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.



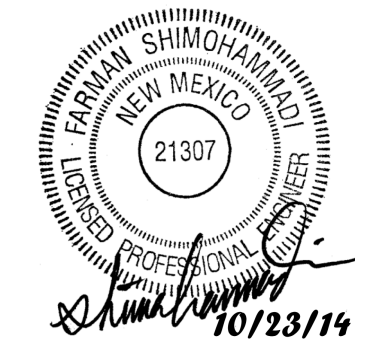


PROJECT TEAM

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
05-19-14	INITIAL BOST
08-08-14	CK REVIEW COMMENTS
09-30-14	RIGHT TURN LANE
10-23-14	NMDD RESUBMITTAL



PROFESSIONAL IN CHARGE
FARMAN SHIR, PE
PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER
MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE

DRAWN BY
KIEW KAM, PE

PROJECT NAME
CIRCLE K

SAN JUAN COUNTY
NEW MEXICO

819 NM 516
FLORA VISTA



PROJECT NUMBER
20130768

SHEET TITLE
GRADING PLAN-1

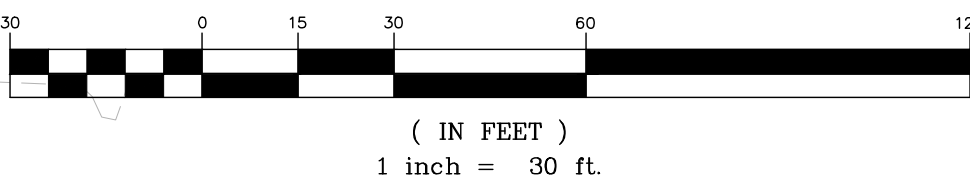
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C-3.0

GENERAL GRADING NOTES:

- ALL GRADING AND SITE PREPARATION SHALL CONFORM WITH SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT.
- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE COUNTY LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
- PRIOR TO ANY EXCAVATION OF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE COUNTY 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, REFERENCE POINTS AND STAKES.
- ALL INDICATED ELEVATIONS ARE FINISHED ELEVATIONS.
- FIELD VERIFY LOCATIONS, SIZES AND IF APPLICABLE INVERTS OF EXISTING UTILITIES FOR PROPOSED CONNECTIONS PRIOR TO CONSTRUCTION.
- LOCATE AND PROTECT ALL UTILITIES ASSOCIATED WITH THE PROJECT PRIOR TO CONSTRUCTION.
- INSTALL SILT CONTROL MEASURES BEFORE BEGINNING SITE WORK. THESE MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING CONSTRUCTION. PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
- INSTALL ALL APPROPRIATE TREE PROTECTION MEASURES PRIOR TO GRADING.
- CUT AND FILL SLOPES SHALL HAVE A MAXIMUM SLOPE OF 2:1.
- ALL EXCAVATION SHALL INCLUDE CLEARING, STRIPPING AND STOCKPILING TOPSOIL, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKMENTS, CONSTRUCTION FILLS, AND THE FINAL SHAPING AND TRIMMING TO THE LINES AND GRADES SHOWN ON THE PLANS.
- ALL TREES, BRUSH, AND ORGANIC TOPSOIL AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED, AND DISPOSED OF AT AN OFF-SITE LOCATION, WITH THE EXCEPTION THAT ENOUGH TOPSOIL SHALL BE RETAINED FOR RESPEAD AND GENERAL LANDSCAPING. AREAS WHICH ARE TO BE FILLED SHALL BE COMPACTED TO A MAXIMUM DENSITY OF 95% AS DETERMINED BY THE MODIFIED AASHTO COMPACTION TEST IN THE PAVED AREAS AND 85% IN THE OTHER AREAS.
- STRIP AND STOCKPILE TOPSOIL. SPREAD FOUR (4) INCHES MINIMUM OF TOPSOIL ON LANDSCAPE AREAS AND REMOVE EXCESS TOPSOIL FROM SITE. PREPARE SUB-GRADE FOR PAVEMENT AND CURBS AND BACKFILL CURBS AFTER CURB CONSTRUCTION.
- PROVIDE SUPPLY OF TOPSOIL FOR LANDSCAPE CONTRACTOR FOR INSTALLATION IN ALL LANDSCAPE ISLANDS.
- PROVIDE AND INSTALL TOPSOIL IN DISTURBED AREAS TO BE GRASSED, TO INCLUDE PAVEMENT SHOULDERS AND DETENTION AREAS.
- ALL EARTHWORK AND BASE COURSE FOR THE PARKING AREA SHALL BE COMPACTED TO A MINIMUM OF 95% MODIFIED LABORATORY DENSITY. CERTIFICATION SAID COMPACTION SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER, OR HIS/HER REPRESENTATIVE, PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL. BOTH PROOF ROLLING AND COMPACTION TESTING MUST BE APPROVED AND WITNESSED BY THE ENGINEER OR OWNER REPRESENTATIVE.
- THE PAVEMENT SUBGRADE AND BASE COURSE MATERIAL SHALL BE INSPECTED AND APPROVED BY THE ENGINEER OR OWNER REPRESENTATIVE PRIOR TO CONSTRUCTING THE BASE AND SURFACE COURSES THEREON.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE TO ALL INLETS AND CATCH BASINS. AREAS OF SURFACE PONDING SHALL BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- IF AREAS ARE DISTURBED BEYOND PROPOSED GRADES BY NEGLIGENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY REGRADING OR REPAIR TO MATCH ORIGINAL EXISTING CONDITIONS.
- SHORING SHALL BE DONE AS NECESSARY FOR THE PROTECTION OF THE WORK AND FOR THE SAFETY OF PERSONNEL. SHORING SHALL BE IN ACCORDANCE WITH ALL O.S.H.A AND LOCAL REGULATIONS.
- STRUCTURES FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THESE IMPROVEMENT PLANS AND THE APPLICABLE STANDARD SPECIFICATIONS. WHERE GRANULAR TRENCH BACKFILL IS REQUIRED AROUND THESE STRUCTURES, THE COST SHALL BE CONSIDERED AS INCIDENTAL AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STRUCTURE.
- CONFIRM INVERTS OF ALL EXISTING STORM INLETS AND SANITARY SEWER MANHOLES BEFORE COMMENCING CONSTRUCTION.
- ALL STORM SEWER LINES 18"-54" DIAMETER ARE TO BE REINFORCED CONCRETE PIPE ACCORDING TO ASTM C-76 TYPE III, UNLESS OTHERWISE SPECIFIED ON PLANS.
- A GEOTEXTILE MATTING (LANDLOCK TRM 450 OR EQUIVALENT) SHALL BE USED FOR EROSION CONTROL AN ALL SLOPES GREATER THAN 3H:1V.
- DRAINAGE STRUCTURES SHALL BE MAINTAINED BY PROPERTY OWNERS.
- CONTRACTOR SHALL ADHERE TO PROPOSED GRADES ALONG CREEKS, ESPECIALLY IN THE AREA OF THE PROPOSED DETENTION POND. IF AREAS ARE DISTURBED BEYOND PROPOSED GRADES BY NEGLIGENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY PENALTIES INCURRED.
- ALL PROPOSED SPOT ELEVATIONS SHOWN INDICATE FINISHED GRADED ELEVATIONS AT EDGE OF PAVEMENT AND/OR GRADE BREAKS, UNLESS OTHERWISE NOTED.



GRAPHIC SCALE



EXISTING LEGEND:

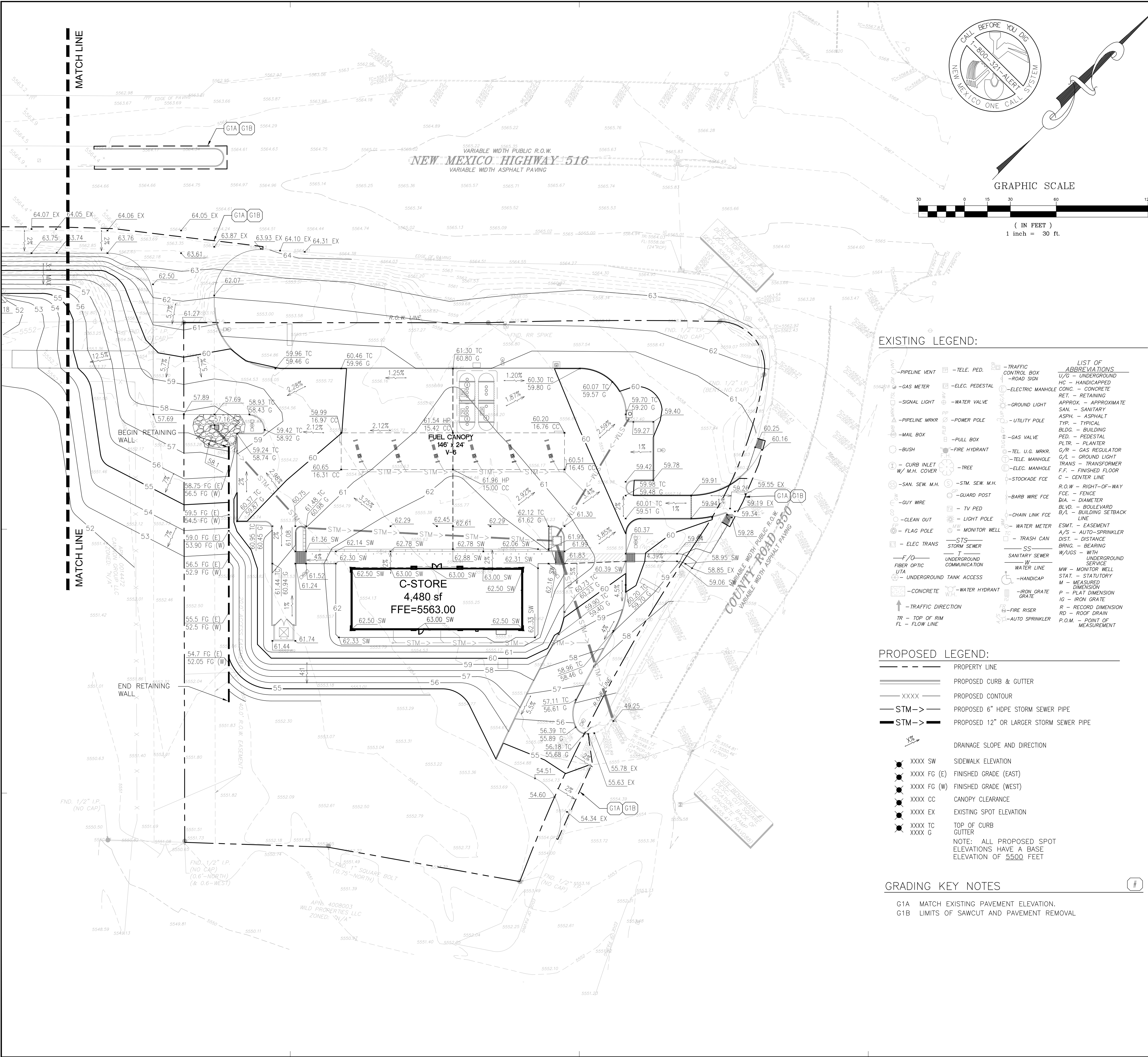
PIPELINE VENT	TELE. PED.	TRAFFIC CONTROL BOX	LIST OF ABBREVIATIONS
GAS METER	ELEC. PEDESTAL	ROAD SIGN	U/G - UNDERGROUND
SIGNAL LIGHT	WATER VALVE	ELECTRIC MANHOLE	HC - HANDICAPPED
PIPELINE MKR	POWER POLE	GROUND LIGHT	CONC. - CONCRETE
MAIL BOX	PULL BOX	UTILITY POLE	RET. - RETAINING
BUSH	FIRE HYDRANT	GAS VALVE	APPROX. - APPROXIMATE
CURB INLET W/ M.H. COVER	TREE	PLANTER	SAN. - SANITARY
SAN. SEW. M.H.	STM. SEW. M.H.	BARB WIRE FCE	ASPH. - ASPHALT
GUY WIRE	GUARD POST	CHAIN LINK FCE	TYP. - TYPICAL
CLEAN OUT	TV PED	WATER METER	BLDG. - BUILDING
FLAG POLE	MONITOR WELL	WATER LINE	PED. - PEDESTAL
ELEC. TRANS	STORM SEWER	HANDICAP	PLTR. - PLANTER
F/O FIBER OPTIC	UNDERGROUND TANK ACCESS	WATER HYDRANT	G/R - GAS REGULATOR
CONCRETE	TRAFFIC DIRECTION	FIRE RISER	G/L - GROUND LIGHT
	TR - TOP OF RIM	AUTO SPRINKLER	TRANS - TRANSFORMER
	FL - FLOW LINE		F.F. - FINISHED FLOOR
			C - CENTER LINE
			R.O.W - RIGHT-OF-WAY
			FCE - FENCE
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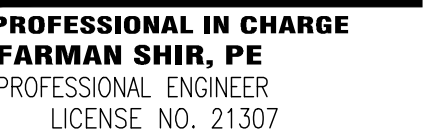
PROPOSED LEGEND:

---	PROPERTY LINE
=====	PROPOSED CURB & GUTTER
XXXX	PROPOSED CONTOUR
STM->	PROPOSED 6" HDPE STORM SEWER PIPE
STM->	PROPOSED 12" OR LARGER STORM SEWER PIPE
↘	DRAINAGE SLOPE AND DIRECTION
XXXX SW	SIDEWALK ELEVATION
XXXX FG (E)	FINISHED GRADE (EAST)
XXXX FG (W)	FINISHED GRADE (WEST)
XXXX CC	CANOPY CLEARANCE
XXXX EX	EXISTING SPOT ELEVATION
XXXX TC	TOP OF CURB
XXXX G	GUTTER
NOTE: ALL PROPOSED SPOT ELEVATIONS HAVE A BASE ELEVATION OF 5500 FEET	

GRADING KEY NOTES

- G1A MATCH EXISTING PAVEMENT ELEVATION.
G1B LIMITS OF SAWCUT AND PAVEMENT REMOVAL





QUALITY CONTROL
KIEW KAM, PE

PROJECT NAME319 NM 516
FLORA VISTA

SHEET TITLE

SHEET NUMBER

C-3.1

