

26-591582-2012

CONSTRUCTION PLANS

FOR

ALBUQUERQUE CHINESE CHRISTIAN CHURCH

(RIGHT-OF-WAY IMPROVEMENTS)

LEGEND

+24.0	EXIST. SPOT ELEVATION
NG	NATURAL GROUND
RBR	REBAR
---	CENTERLINE
---	EXIST. EDGE OF ROAD
OPP	EXISTING POWER POLE
-5770-	EXISTING CONTOUR
EA	EXISTING EDGE OF ASPHALT
NEW CONCRETE	
F-F	FACE TO FACE OF CURB
-12-	NEW CONTOUR
+24.0	NEW SPOT ELEVATION
NEW CURB & GUTTER	
TRANSITION TO NO CROWN (50' MIN. TRANSITION LENGTH)	
NEW SWALE	
DRAINAGE DIRECTION	
-8" W-	EXISTING WATER LINE
EXISTING WATER VALVE	
W	NEW WATER LINE
NEW GATE VALVE	
FH	NEW FIRE HYDRANT
SD	EXISTING STORM DRAIN
SAS	EXIST. SANITARY SEWER

PUBLIC WATER, SANITARY SEWER, SERVICES,
AND PUBLIC ROADWAY IMPROVEMENTS

INDEX

SHEET NO.

TITLE

1

COVER SHEET

2

GRADING & DRAINAGE PLAN

3

UTILITIES PLAN & PROFILE, Holbrook St. NE - Allande

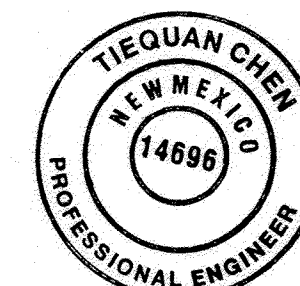
4

UTILITIES PLAN & PROFILE, Ranchitos Ave.

RECORD DRAWING
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Tiequan Chen, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as shown on these drawings has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by the contractor, Sundance Mechanical and Utility Corp., and their surveyor, Timothy Aldrich, NMPS No. 7719.

Tiequan Chen 7/24/12
Tiequan Chen, NMPE 14696 Date



For Information Only

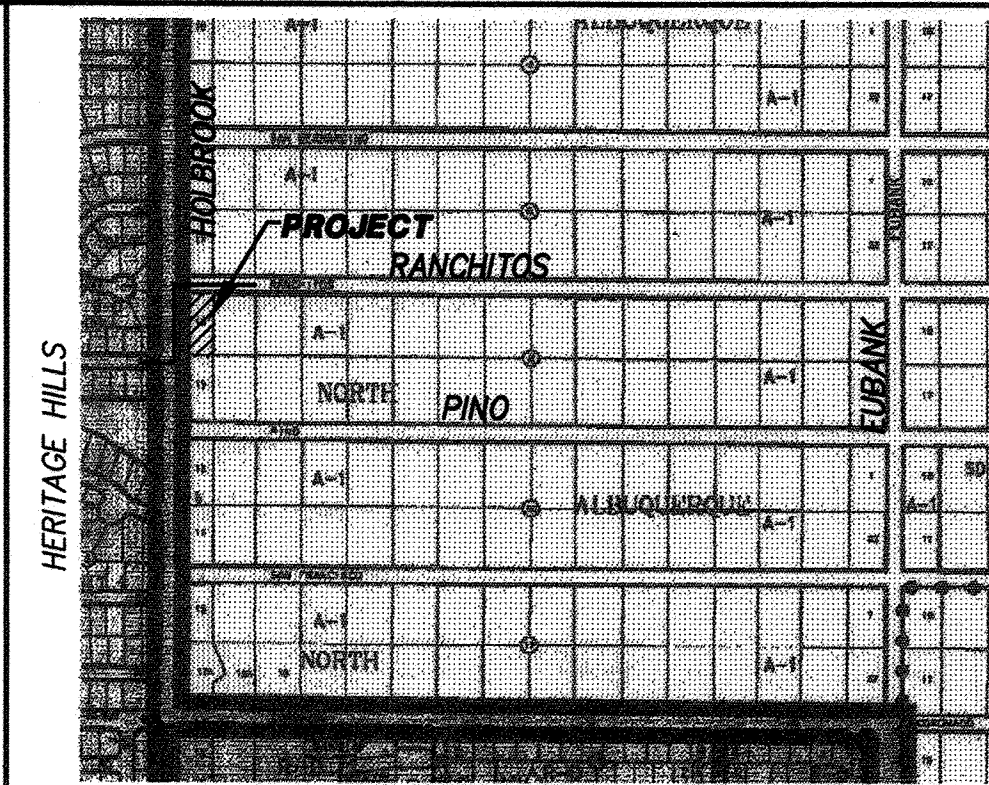
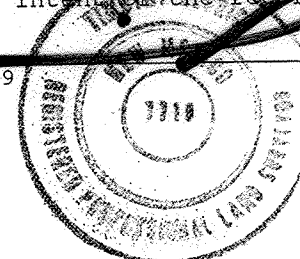


NEW MEXICO - USA

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief. I am not responsible for any of the design concepts, calculations, engineering, or information on these drawings."

Timothy Aldrich, P.S. No. 7719 Date 07/18/12

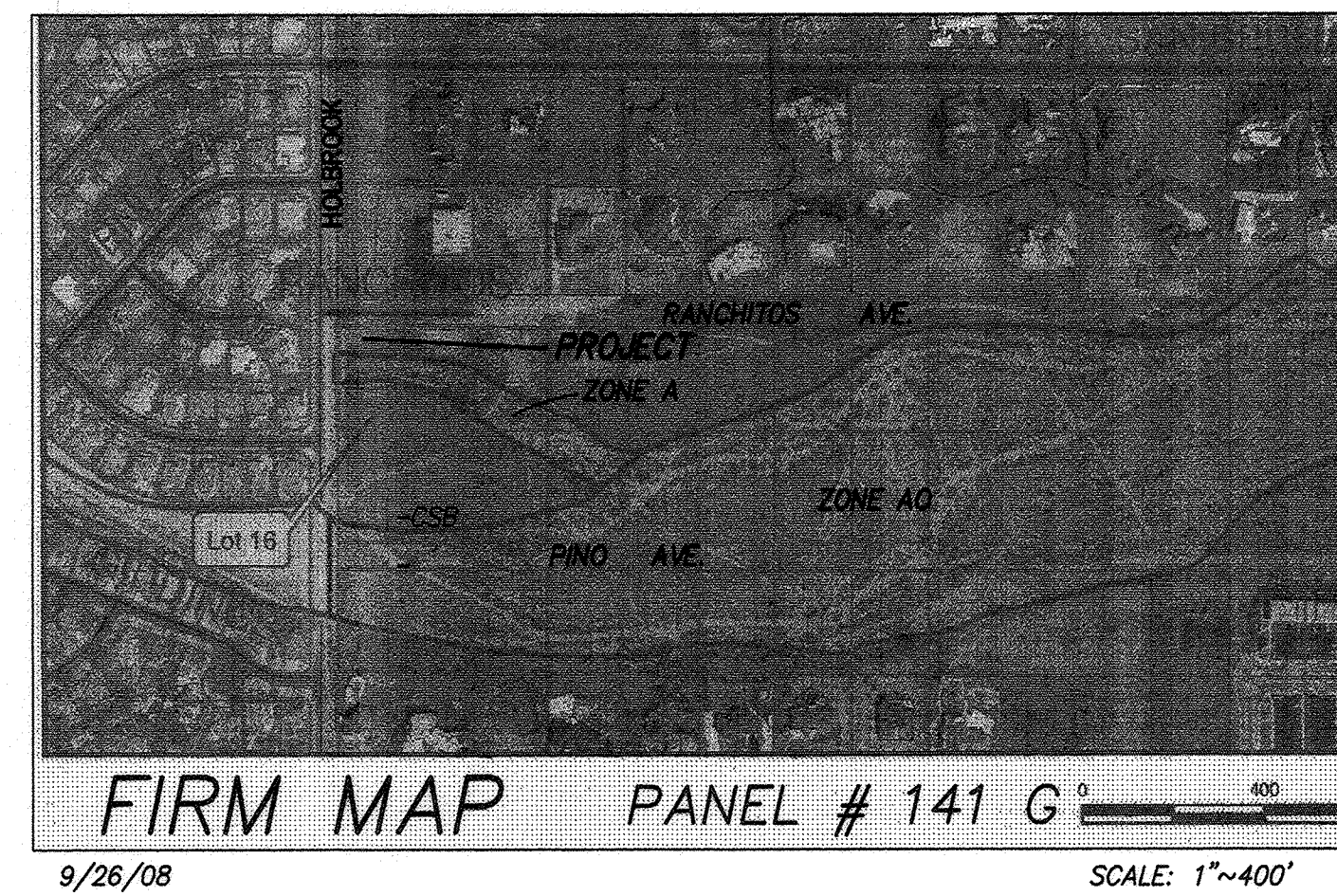


VICINITY MAP D-21 GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION AND UPDATE #8 INCLUDING AMENDMENT #1), AND THE CITY STANDARD DRAWINGS.
- ALL WORK PERFORMED ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- CONTRACTOR SHALL NOTIFY AND COORDINATE ALL CONSTRUCTION TWO WEEKS PRIOR TO START WITH THE FOLLOWING UTILITIES: QWEST COMMUNICATIONS, PUBLIC SERVICE CO. OF NEW MEXICO, GAS AND ELECTRIC SERVICES, COMCAST CABLE TV.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NM ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE FIELD OR RECORD ENGINEER.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE REGARDING TRAFFIC CONTROL. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM SAME DIVISION. CONTRACTOR SHALL NOTIFY THE BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION, AS PER SECT. 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED BY THE CONTRACTOR TO EXISTING LOCATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR1926.650 SUBPART P.
- ELECTRONIC MARKER SPHERES SHALL BE INSTALLED PER SECTION 170 OF THE STANDARD SPECIFICATIONS.
- WHEN ABUTTING NEW PAVEMENT TO THE EXISTING INTERSECTING STREETS THE PAVEMENT SHALL BE SAW CUT PER BERNALILLO COUNTY STANDARD DWG. 2465 TO A STRAIGHT LINE AT RIGHT ANGLES AND ANY BROKEN OR CRACKED PAVEMENT SHALL BE REMOVED. THE CONTRACTOR SHALL CONTACT BCPMD (848-1502) TO REQUEST AN INSPECTOR TO VERIFY PAVEMENT THICKNESS.

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE

REV	SHEET	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS	STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****	APPROVED FOR CONSTRUCTION	
		DRC Chairman	4/30/12				
		Transportation	04/16/12				
		Water/Wastewater	04/16/12				
		Hydrology	04/16/12				
		Parks	04/16/12				
		BERN. CO.	04/16/12				
		AMAFCA	04/16/12				
		City Project No.	591582				
		Sheet	1				4



SCANNED BY
PLANNING

GRADING & DRAINAGE PLAN

THE PROPOSED CHURCH FACILITY PROJECT IS LOCATED IN THE NORTH ALBU. ACRES AREA OF ALBUQUERQUE ON HOLBROOK ST. 3 BLOCKS SOUTH OF PASEO DEL NORTE. THE GRADING AND DRAINAGE SCHEME HEREON IS IN COMPLIANCE WITH THE BERNALILLO COUNTY FLOOD HAZARD ORDINANCE, NO. 88-46, AND THE CITY STORM DRAINAGE ORDINANCE. THE PLAN IS REQUIRED IN ORDER TO FACILITATE THE OWNER'S REQUEST FOR SITE DEVEL. PLAN & BUILDING PERMIT. THE PLAN SHOWS:

1. EXISTING CONTOURS, AND SPOT ELEVATIONS AND EXISTING DRAINAGE PATTERNS AND IMPROVEMENTS INCLUDING STREETS.
2. PROPOSED IMPROVEMENTS: 6200 SF OF ASSEMBLY AREA/ALTAR/VESTIBULE/OFFICE AREA BUILDING, ASPHALT DRIVE/PARKING, CONCRETE FLAT WORK, NEW GRADE ELEVATIONS, REFUSE LOCATION, AND LANDSCAPING.
3. CONTINUITY BETWEEN EXISTING AND PROPOSED ELEVATIONS.
4. QUANTIFICATION OF DEVELOPED FLOWS GENERATED BY THE IMPROVEMENTS WHICH CONTRIBUTE TO THE EXISTING FLOWS.

PRESENTLY, THE SITE IS A DIRT/NATURALLY VEGETATED SURFACE. THE SITE IS BOUNDED BY UNDEVELOPED A-1 ZONED PROPERTY, JUST SOUTH OF THE EXISTING SU ZONED BETHEL CHURCH. THE SITE FALLS APPROXIMATELY 3% FROM EAST TO WEST. THE SITE IS ENCOMBERED BY A FEDERALLY DESIGNATED FLOOD HAZARD ZONE, ZONE A, AN AVULSION TO THE MAIN FLOW OF THE SOUTH DOMINGO BACA ARROYO.

RANCHITOS AVE. ON THE NORTH IS A MINOR LOCAL STREET WITH 2 PAVED LANES, WITHOUT CURB, GUTTER NOR ATTACHED SIDEWALKS. SITE RUNOFF WILL BE ALLOWED TO EITHER DRAIN THROUGH THE SITE, OR PONDED IN DEPRESSED LANDSCAPE AREAS. THE SITE HAS HISTORICALLY DRAINED TO THE WEST VIA A COMBINATION OF OVERLAND SHEET AND CHANNELIZED FLOW.

HISTORICAL DOWNSTREAM OUTFALL LOCATIONS WILL REMAIN UNCHANGED WITH DEVELOPMENT. FREE DISCHARGE OF SITE RUNOFF IS ACCEPTABLE SINCE DOWNSTREAM CAPACITY EXISTS WITH THE MINIMAL INCREASE DUE TO DEVELOPMENT. A PORTION OF SITE RUNOFF IS ROUTED THROUGH PROPOSED LANDSCAPING.

CALCULATIONS

DESIGN CRITERIA

HYDROLOGIC METHODS PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL (DPM) REVISED JANUARY 1993 FOR CITY OF ALBUQUERQUE, ADOPTED BY THE COUNTY OF BERNALILLO
DISCHARGE RATE: $Q = \text{AREA} \times \text{AREA} \times \text{Peak Discharge Rates For Small Watersheds}$
VOLUMETRIC DISCHARGE: $VOLUME = E_{\text{Weighted}} \times \text{AREA}$
P100 = 2.60 inches, Zone 3 Time of Concentration, $T_C = 10$ Minutes
DESIGN STORM: 100-YEAR/6-HOUR, 10-YEAR/6-HOUR [] = 10 YEAR VALUES

EXISTING CONDITIONS

LOT AREA = 0.73 ACRES, WHERE EXCESS PRECIP. "A" = 0.66 in. [0.19]
PEAK DISCHARGE, $Q_{100} = 1.4$ CFS [0.4], WHERE UNIT PEAK DISCHARGE "A" = 1.87 CFS/AC. [0.58]
THEREFORE: $VOLUME_{100} = 1.749$ OF [303]

DEVELOPED CONDITIONS

DETERMINE LAND TREATMENTS, PEAK DISCHARGE AND VOLUMETRIC DISCHARGE FOR STUDY AREA

LAND TREATMENT	AREA	Q Peak	E
UNDEVELOPED	— AC	1.87 [0.58]	0.66 [0.19]
LANDSCAPING, 12%	0.09 AC	2.60 [1.19]	0.92 [0.36]
COMPACTED SOIL & Slopes > 17%	0.12 AC	3.45 [2.05]	1.29 [0.62]
ROOF - PAVEMENT, 71%	0.52 AC	5.02 [3.39]	2.36 [1.50]

THEREFORE: $E_{\text{Weighted}} = 2.0$ in. [1.2] &
 $Q_{100} = 3.25$ CFS
 $Q_{10} = 2.11$ CFS
VOLUME 100 = 5300 CF
VOLUME 10 = 3180 CF

UPSTREAM ANALYSIS

THE SITE HISTORICALLY, AND AS DEVELOPED WILL OUTFALL RUN-OFF TO THE SOUTHWEST.

FREE DISCHARGE IS ACCEPTABLE SINCE THE DOWNSTREAM BASIN HAS CAPACITY - EXISTING CITY OF ALBUQUERQUE CONCRETE-LINED CHANNEL LOCATED IMMEDIATELY DOWNSTREAM WITHIN HERITAGE HILLS SUBDIVISION.

A PORTION OF DEVELOPED RUNOFF WILL BE ROUTED TO AND/OR THROUGH REQUIRED LANDSCAPING.

AS PER THE APRIL '94 VERSION OF THE SEDIMENT & EROSION DESIGN GUIDE PUBLISHED BY RESOURCE CONSULTANTS & ENGINEERS, INC. FOR AMAFCA

DETERMINE SET BACK RECOMMENDATIONS:

$Q_{100} = 811$ CFS...SOUTH DOMINGO BACA TRIBUTARY (AVULSION)

$Q_D = 0.2Q_{100} = 162$ CFS $W_D = 4.6Q_D^{0.4} = 35$ FEET

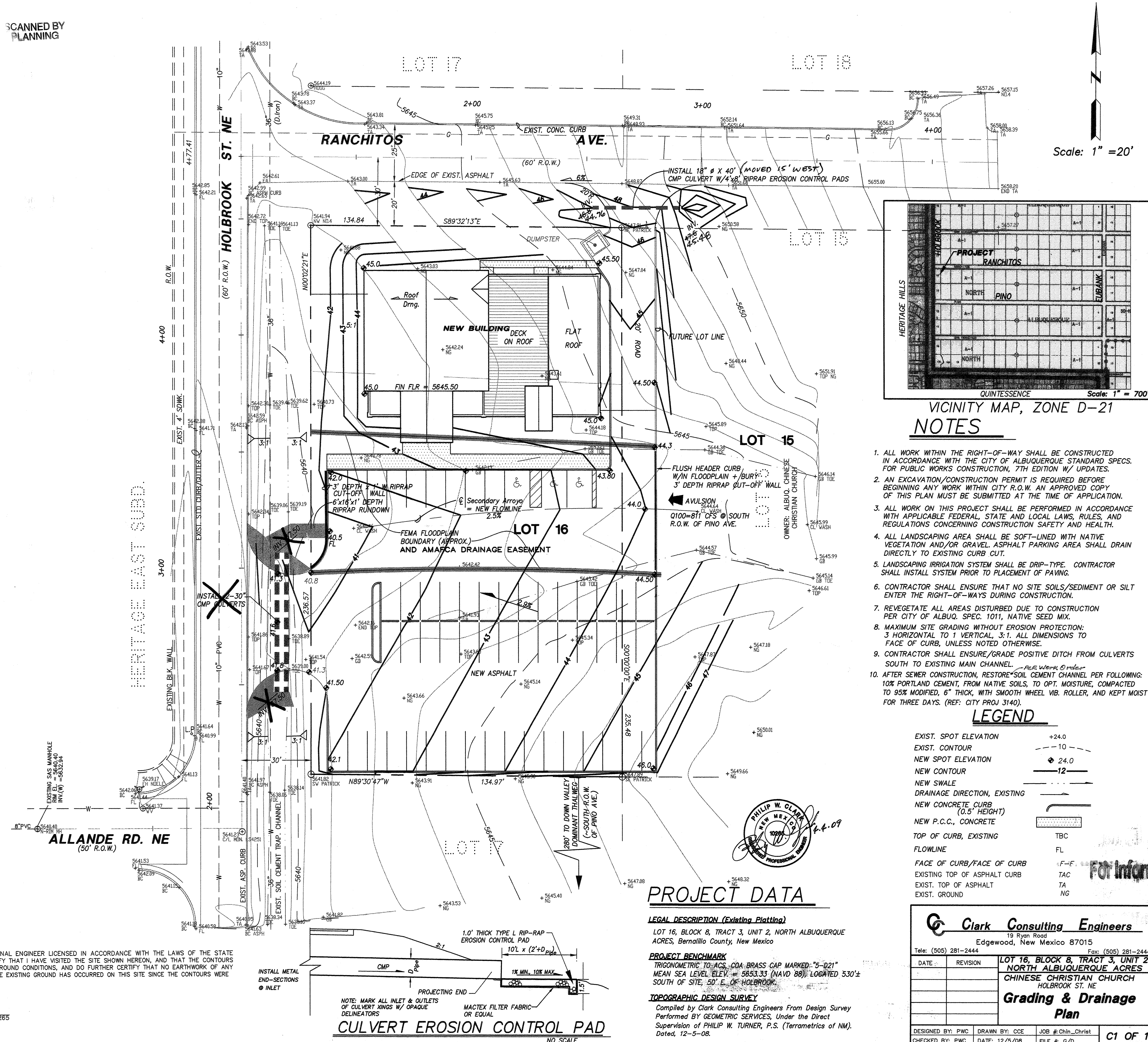
LAMDA = $10 \times W_D = 350$ FEET

BANK SETBACK = LAMDA/4 = 88 FEET

CENTER LINE SETBACK = BSB + $W_D/2 = 105$ FEET

I, PHILIP W. CLARK, A PROFESSIONAL ENGINEER LICENSED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT I HAVE VISITED THE SITE SHOWN HEREON, AND THAT THE CONTOURS SHOWN REPRESENT THE EXISTING GROUND CONDITIONS, AND DO FURTHER CERTIFY THAT NO EARTHWORK OF ANY KIND, NOR ANY DISTURBANCE OF THE EXISTING GROUND HAS OCCURRED ON THIS SITE SINCE THE CONTOURS WERE DETERMINED.

PHILIP W. CLARK NMPE #10265



NOTES

1. ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECS. FOR PUBLIC WORKS CONSTRUCTION, 7TH EDITION W/ UPDATES.
2. AN EXCAVATION/CONSTRUCTION PERMIT IS REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY R.O.W. AN APPROVED COPY OF THIS PLAN MUST BE SUBMITTED AT THE TIME OF APPLICATION.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL LANDSCAPING AREA SHALL BE SOFT-LINED WITH NATIVE VEGETATION AND/OR GRAVEL. ASPHALT PARKING AREA SHALL DRAIN DIRECTLY TO EXISTING CURB CUT.
5. LANDSCAPING IRRIGATION SYSTEM SHALL BE DRIP-TYPE. CONTRACTOR SHALL INSTALL SYSTEM PRIOR TO PLACEMENT OF PAVING.
6. CONTRACTOR SHALL ENSURE THAT NO SITE SOILS/SEDIMENT OR SILT ENTER THE RIGHT-OF-WAYS DURING CONSTRUCTION.
7. REVEGETATE ALL AREAS DISTURBED DUE TO CONSTRUCTION PER CITY OF ALBUQ. SPEC. 1011, NATIVE SEED MIX.
8. MAXIMUM SITE GRADING WITHOUT EROSION PROTECTION: 3 HORIZONTAL TO 1 VERTICAL, 3:1. ALL DIMENSIONS TO FACE OF CURB, UNLESS NOTED OTHERWISE.
9. CONTRACTOR SHALL ENSURE/GRADE POSITIVE DITCH FROM CULVERTS SOUTH TO EXISTING MAIN CHANNEL. - REF. Work Order
10. AFTER SEWER CONSTRUCTION, RESTORE SOIL CEMENT CHANNEL PER FOLLOWING: 10% PORTLAND CEMENT, FROM NATIVE SOILS, TO OPT. MOISTURE, COMPACTED TO 95% MODIFIED, 6" THICK, WITH SMOOTH WHEEL VIB. ROLLER, AND KEPT MOIST FOR THREE DAYS. (REF: CITY PROJ 3140).

LEGEND

EXIST. SPOT ELEVATION	+24.0
EXIST. CONTOUR	-10-
NEW SPOT ELEVATION	+24.0
NEW CONTOUR	-12-
NEW SWALE	-
DRAINAGE DIRECTION, EXISTING	->
NEW CONCRETE CURB (0.5' HEIGHT)	-
NEW P.C.C., CONCRETE	-
TOP OF CURB, EXISTING	TBC
FLOWLINE	FL
FACE OF CURB/FACE OF CURB	F-F
EXISTING TOP OF ASPHALT CURB	TAC
EXIST. TOP OF ASPHALT	TA
EXIST. GROUND	NG

PROJECT DATA

LEGAL DESCRIPTION (Existing Platting)

LOT 16, BLOCK 8, TRACT 3, UNIT 2, NORTH ALBUQUERQUE ACRES, Bernalillo County, New Mexico

PROJECT BENCHMARK

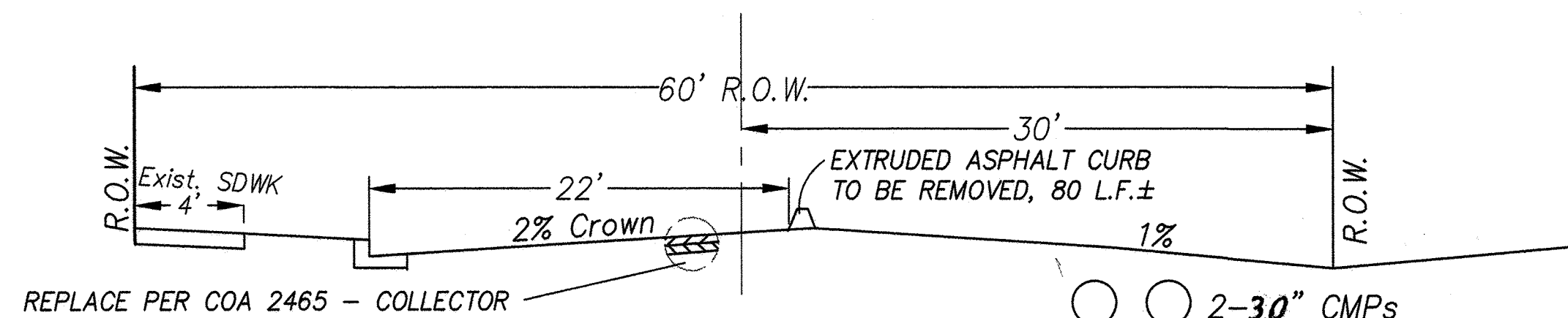
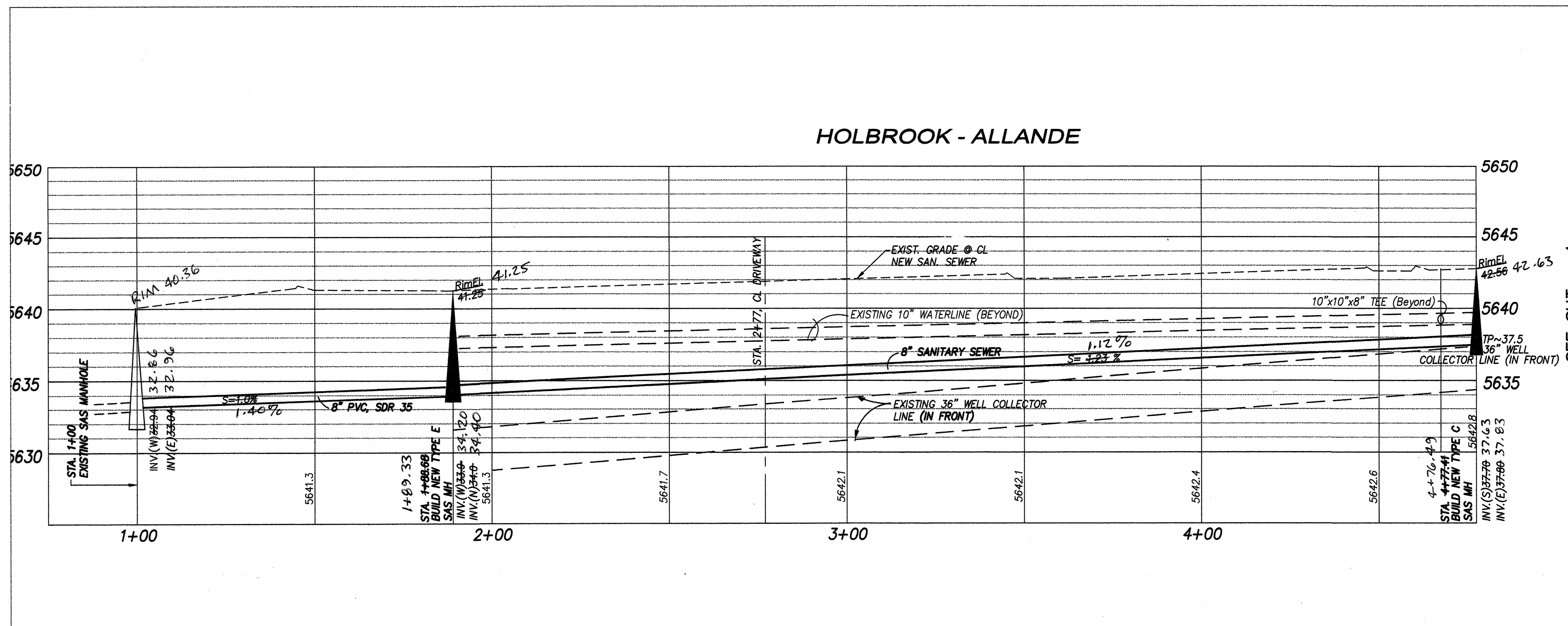
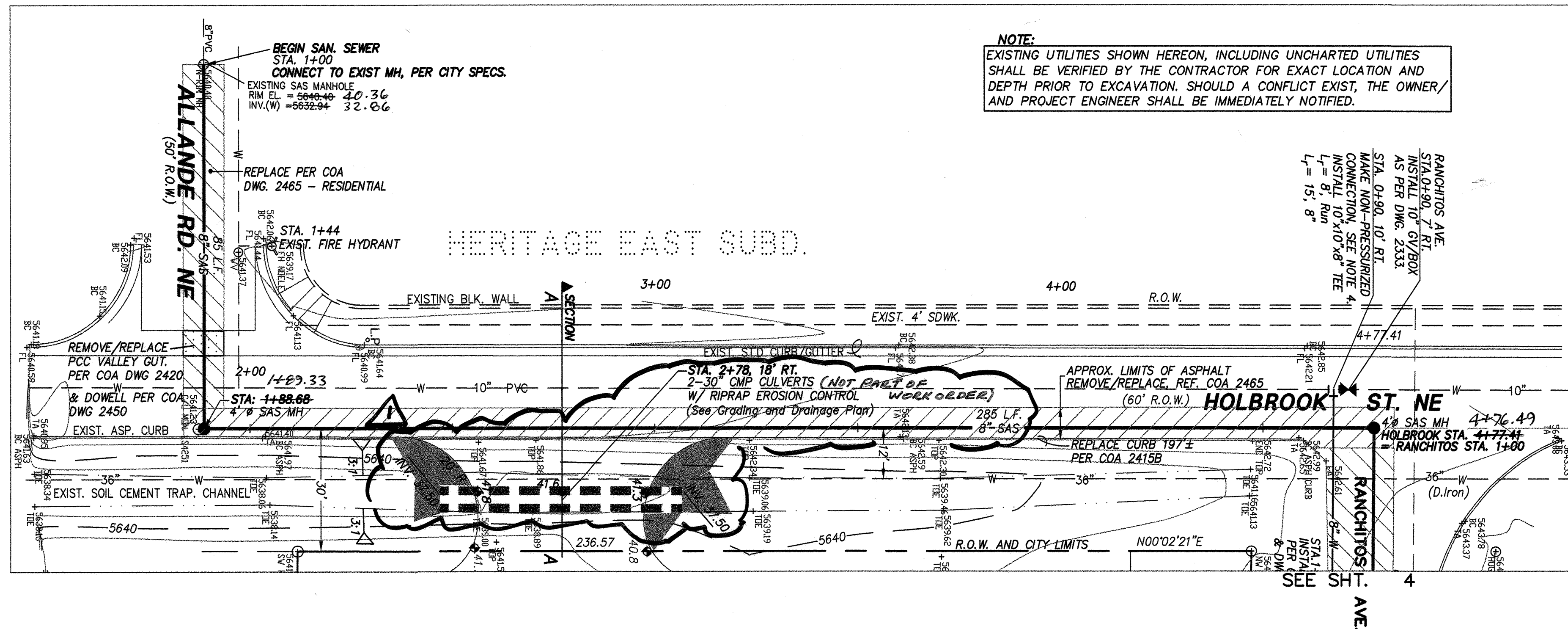
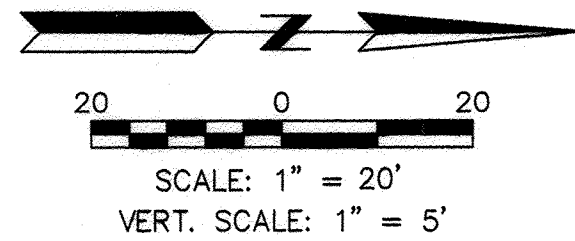
TRIGONOMETRIC TO ACS - COA BRASS CAP MARKED "5-021" MEAN SEA LEVEL ELEV. = 5653.33 (NAVD 88), LOCATED 530'± SOUTH OF SITE, 50' E. OF HOLBROOK.

TOPOGRAPHIC DESIGN SURVEY

Compiled by Clark Consulting Engineers From Design Survey Performed BY GEOMETRIC SERVICES, Under the Direct Supervision of PHILIP W. TURNER, P.S. (Terrametrics of NM). Dated, 12-5-08.

Clark Consulting Engineers	
19 Ryan Road Edgewood, New Mexico 87015	
Tel: (505) 281-2444 Fax: (505) 281-2444	
DATE	REVISION
LOT 16, BLOCK 8, TRACT 3, UNIT 2 NORTH ALBUQUERQUE ACRES CHINESE CHRISTIAN CHURCH HOLBROOK ST. NE	
Grading & Drainage Plan	
DESIGNED BY: PWC	DRAWN BY: CCE
CHECKED BY: PWC	DATE: 12/5/08
JOB #: Chin_Christ	FILE #: G/D
C1 OF 1	

SCANNED BY
PLANNING



STREET SECTION A-A
No Scale

NOTES

- ALL STATIONING BASED ON CENTER LINE OF NEW ROADWAY AND R.O.W., UNLESS NOTED OTHERWISE.
- MAINTAIN MINIMUM OF 3 FEET COVER TO TOP OF NEW 6" AND 8" WATERLINES.
- ALL UTILITIES AND SERVICES SHALL BE INSTALLED AND ACCEPTED PRIOR TO COMMENCING BACKFILL.
- WATER SHUT-OFF PLAN: CONTRACTOR SHALL NOTIFY WATER AUTHORITY LOCATED AT THE PINE YARDS, 7 DAYS PRIOR TO REQUEST OF VALVE SHUT-OFF FOR NON-PRESSURIZED CONNECTIONS. TELE: 857-8200. CLOSE VALVES: #392 IN HOLBROOK (S. OF PALOMAS); #595 IN HOLBROOK (NORTH OF GIDDINGS); CONNECT AT RANCHITOS. SEE FACILITY MAP D-21. NOTE: VALVES TO BE OPERATED ONLY BY WATER AUTHORITY PERSONNEL. SEE NEXT SHT.
- ALL UTILITY BACKFILL SHALL BE IN ACCORDANCE WITH COA SPECIFICATION REQUIREMENTS. COMPACTION SHALL BE 95% ASTM D-1557 INCLUDING THE FOLLOWING SUPPLEMENTAL SPEC.

95% COMPACTION ASTM D-1557
ENTIRE TRENCH

- As Necessary Restore Soil Cement - 10% P. Cement, 90% Native Soils, To Opt. Moisture, 95% Compaction (ASTM D-1557); 6" Thick w/ Vib. Roller; Moist For 3 Days.

LEGEND

- 24.0 NEW SPOT ELEVATION
- EXIST. EDGE OF ROAD
- NEW SWALE
- DRAINAGE DIRECTION
- EG EDGE OF GRAVEL
- EA EDGE OF ASPHALT
- OPP EXISTING POWER POLE
- W NEW WATER LINE
- SAS NEW SANITARY SEWER
- MH NEW MANHOLE, SAS
- NEW GATE VALVE
- NEW SANITARY SEWER STUB/CAP
- NEW SINGLE WATER METER SERVICE
- L_r RESTRAINED JOINT LENGTH
- NEW P.C.C. CONCRETE

Note: Driveway & Culvert Deleted from Construction, 6/21/11

Clark Consulting Engineers
1900 West
Edgewood, New Mexico 87015
Tel: (505) 281-2444 Fax: (505) 281-2444

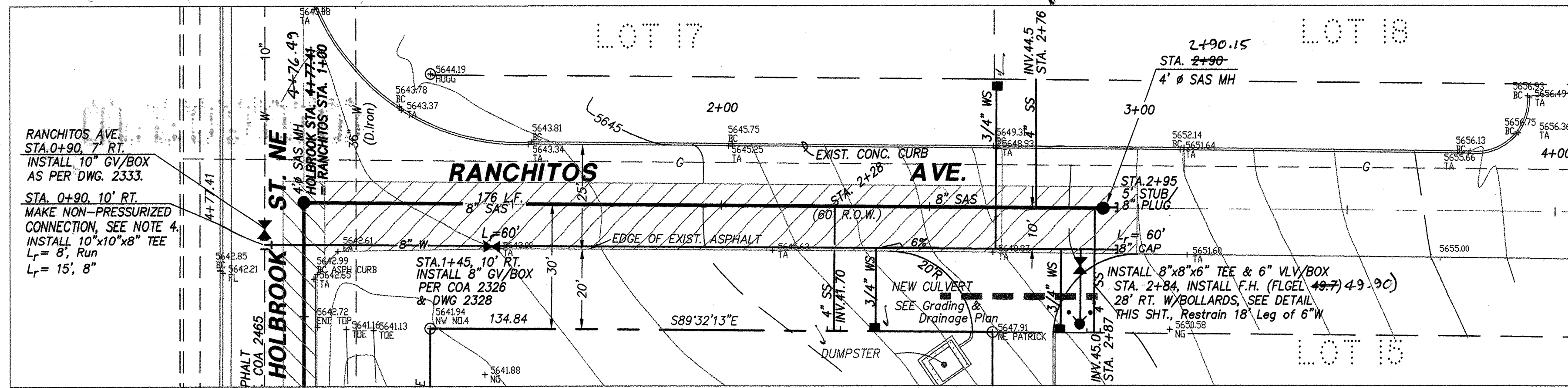
CITY OF ALBUQUERQUE
PLANNING DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

UTILITIES PLAN & PROFILE - HOLBROOK STREET, NE
ALBU. CHINESE CHRISTIAN CHURCH

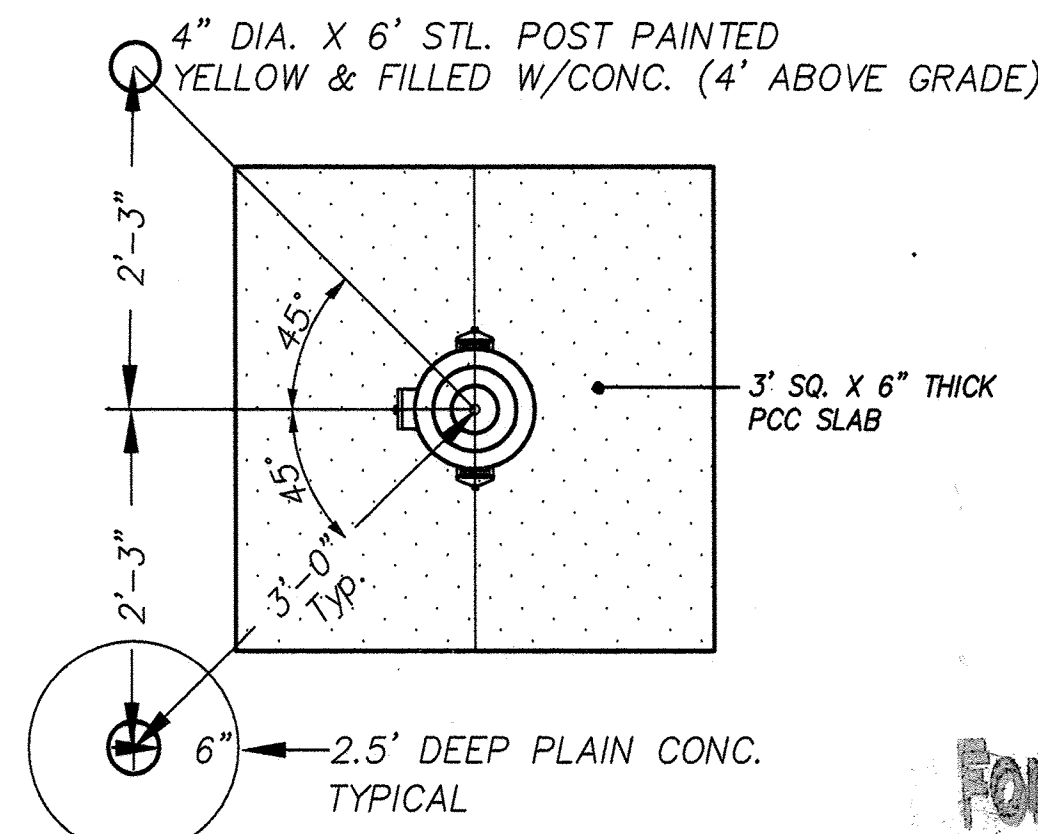
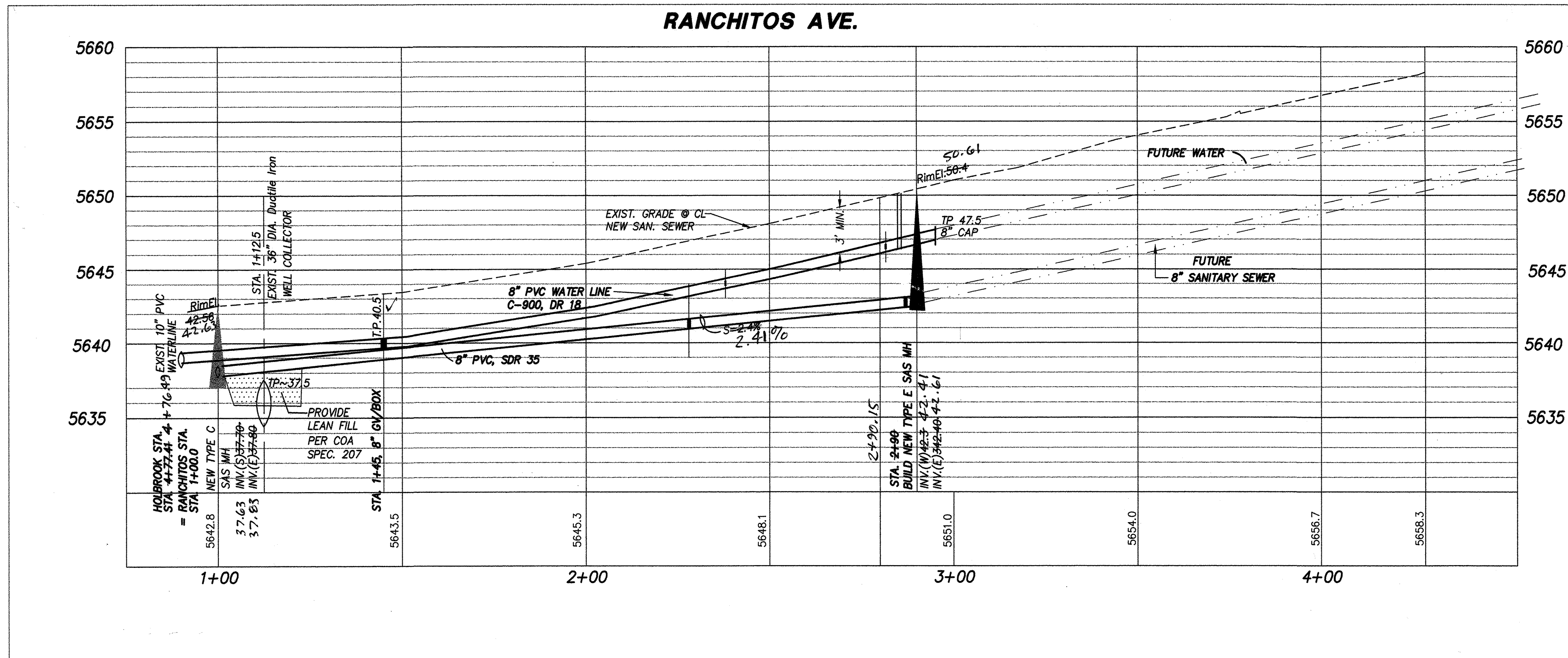
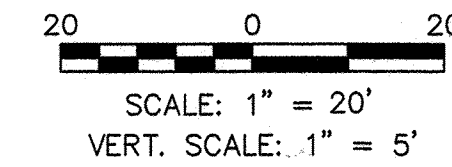
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 30 2012 DESIGN REVIEW COMMITTEE	APPROVED JUN 04 2012 CITY ENGINEER		

City Project No. 591582 Zone Map No. D-21 SHEET 3 OF 4

AS-BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	ENGINEER'S SEAL	REMARKS	BY	DATE
CONTRACTOR: SUNDHAGE STAKED BY: ALS FIELD VERIFICATION: ALS DRAWINGS CONNECTED: ALS	ACS A 1-3/4" ALUMINUM DISK, STAMPED "ACS 5-021" EPOXY TO TOP OF CONCRETE POST SET IN GROUND @ HOLBROOK (SO WEST), AND SOUTH OF PINE AVE. ELEVATION = 5653.33 (MSL - NAVD 88)	COMPILED BY CLARK CONSULTING ENGINEERS FROM TOPOGRAPHIC SURVEY PERFORMED BY PHILIP W. TURNER P.S., DATED 12/2008				



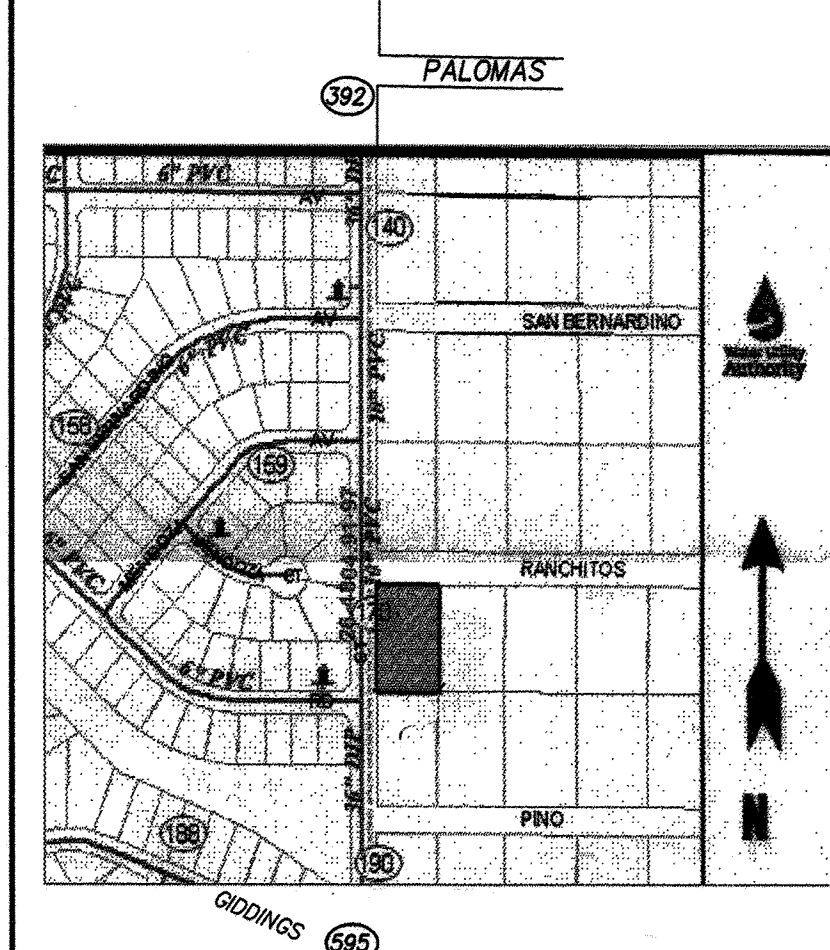
SEE SHEET 3



GUARD POST PLAN
NTS

NOTES

1. ALL STATIONING BASED ON CENTER LINE OF NEW ROADWAY AND R.O.W., UNLESS NOTED OTHERWISE.
2. MAINTAIN MINIMUM OF 3 FEET COVER TO TOP OF NEW 8" OR 10" WATERLINES.
3. ALL UTILITIES AND SERVICES SHALL BE INSTALLED AND ACCEPTED PRIOR TO COMMENCING BACKFILL.
4. WATER SHUT-OFF PLAN: CONTRACTOR SHALL NOTIFY WATER AUTHORITY AT THE PINO YARDS, 7 DAYS PRIOR TO REQUEST OF VALVE SHUT-OFF FOR NON-PRESSURIZED CONNECTIONS. TELE: 857-8200. CLOSE VALVES: #392 IN HOLBROOK (S. OF PALOMAS); #595 IN HOLBROOK (NORTH OF GIDDINGS); CONNECT AT RANCHITOS. SEE FACILITY MAP D-21. NOTE: VALVES TO BE OPERATED ONLY BY WATER AUTHOR. PERSONNEL, SEE PLAN BELOW.



5. REMOVE AND REPLACE EXISTING PAVEMENT SECTION WITHIN THE COUNTY WITH EQUAL SECTION, INCLDG. SUB-BASE MATERIAL PER COUNTY REQS.

LEGEND

- 24.0 NEW SPOT ELEVATION
- EXIST. EDGE OF ROAD
- NEW SWALE
- DRAINAGE DIRECTION
- EG EDGE OF GRAVEL
- EA EDGE OF ASPHALT
- OPP EXISTING POWER POLE
- EXISTING EDGE OF PAVEMENT
- W NEW WATER LINE
- SAS NEW SANITARY SEWER
- FH NEW FIRE HYDRANT
- MH NEW MANHOLE, SAS
- NEW GATE VALVE
- NEW SANITARY SEWER STUB/CAP
- NEW SINGLE METER SERVICE PER 2369 (HEAVY WEIGHT BOX COVER & LID)
- L_r RESTRAINED JOINT LENGTH

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CITY OF ALBUQUERQUE PLANNING DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
UTILITIES PLAN & PROFILE - RANCHITOS AVENUE ALBUQ. CHINESE CHURCH			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 30 2012 DESIGN REVIEW COMMITTEE	APPROVED JUN 04 2012 CITY ENGINEER		
City Project No. 591582	Zone Map No. D-21	SHEET 4	OF 4