

2 3 4 5 6 7 8 9 10 11 12 13 14 15
16-17-18-19-20-21-22-23-24-25-26-27-28-29-30

NEW COVENANT CHURCH 8" WATERLINE

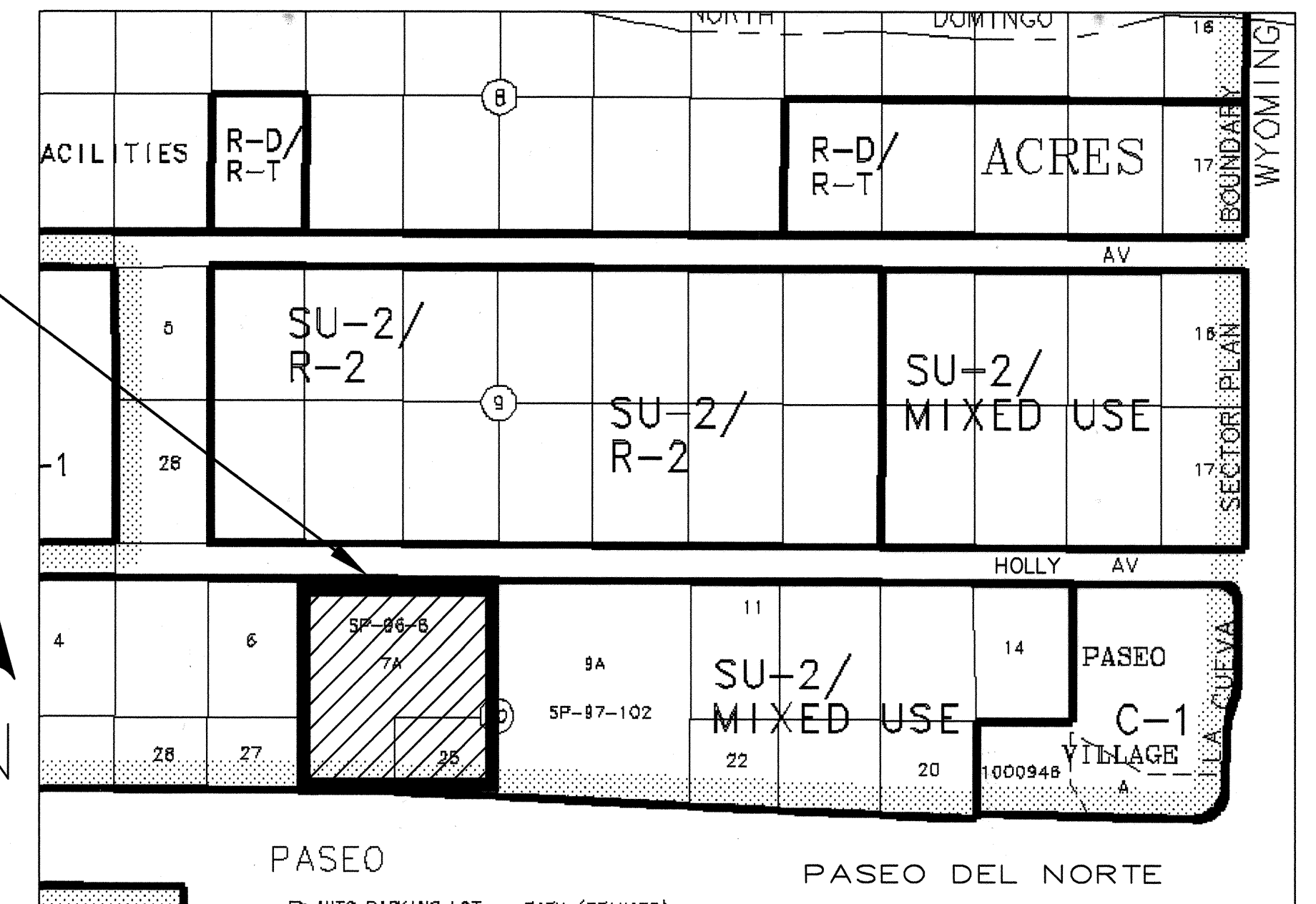
CONSTRUCTION PLANS
ALBUQUERQUE, NEW MEXICO



INDEX OF SHEETS

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SITE

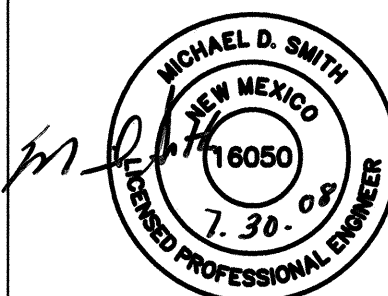


NOTE:
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CONTRACTOR AFTER COMPLETION OF THE
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OR COMPLETENESS OF THAT INFORMATION.
M.D. Smith DATE 12-17-08

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M.D. Smith DATE 12-17-08

MICHAEL D. SMITH
505-771-8677
5003 DREAM DANCER DR. NE
RIO RANCHO, NM 87144

DRB 1005130

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE		
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	APPROVED FOR CONSTRUCTION		
		DRC CHAIR		<i>M. D. Smith</i>		8/11/08	 CITY ENGINEER 11-12-08 DATE		
		TRANSPORTATION		<i>M. D. Smith</i>		8/11/08			
		WATER/WASTEWATER		<i>M. D. Smith</i>		8/11/08			
		HYDROLOGY		<i>M. D. Smith</i>		8/11/08			
		PARKS		<i>M. D. Smith</i>		8/11/08			
		CONSTR. COORD.							
AMAFCA									
CITY PROJECT NO.						SHEET		OF	
				664482		C1			6

GOVERNING SPECIFICATIONS

- 1) THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, REGULATIONS, AND RULES WHICH APPLY TO THIS PLAN SET
- 2) ALL WORK DETAILED ON THIS PLAN SET TO BE PERFORMED UNDER CONTRACT SHALL, UNLESS OTHERWISE STATED, BE PERFORMED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE COA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (INCLUDING REVISIONS THROUGH UPDATE #7, AND AMENDMENT # 1).

SURVEY/MONUMENTATION INFORMATION

- 3) INFORMATION PERTAINING TO THE MONUMENTATION FOR THIS PROJECT MAY BE OBTAINED FROM THE CITY OF ALBQ. PUBLIC WORKS DEPT, SURVEY SECTION.
- 4) THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT OF ANY COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 5) CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING MONUMENTATION CONTROLS. IN THE EVENT OF INADVERTANT DESTRUCTION OR ALTERATION THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY CHIEF SURVEYOR.
- 6) CONSTRUCTION STAKING SHALL INCLUDE ALL SURVEYING AND CONTROL STAKING NECESSARY TO ESTABLISH PROJECT CENTERLINE, TOE OF SLOPE, CATCH POINTS AND OTHER FEATURES AS REQUIRED FOR CONSTRUCTION OF THE PROJECT.
- 7) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND RECORDING ALL EXISTING AND FINAL GRADES BY CROSS-SECTIONING OR OTHER MEANS, FOR THE PURPOSE OF DETERMINING EARTHWORK QUANTITIES. THESE RECORDS WILL BE SUBJECT TO REVIEW BY THE CITY AND/OR ENGINEER FOR VERIFICATION OF PAY QUANTITIES.

EARTHWORK

- 8) AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT OF WAY.
- 9) THE EARTHWORK QUANTITIES ARE BASED ON FINAL VOLUMES COMPACTED IN PLACE. ON-SITE EXCAVATION AND BACK FILL QUANTITY IS BASED ON A SHRINKAGE FACTOR OF 20%.
- 10) UNLESS OTHERWISE STATED WITHIN THIS PLAN SET ALL SIDESLOPES SHALL BE 3H:1V MAXIMUM, KEEPING SLOPES FLATTER WHEREVER POSSIBLE. SLOPES SHALL TRANSITION SMOOTHLY TO EXISTING GRADES AND ADJACENT STRUCTURES IN ALL CASES.
- 11) NO MATERIAL PITS HAVE BEEN IDENTIFIED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SUITABLE MATERIAL FROM ANY ACCEPTABLE SOURCE, PROVIDED THAT IT MEETS PROJECT SPECIFICATIONS. ALL MATERIAL PIT ACTIONS SHALL BE IN COMPLIANCE WITH SECTION 205 OF THE C.O.A. SPECIFICATIONS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR HAULING OF SUCH MATERIAL.
- 12) THE DESIGN "R" VALUE FOR THIS PROJECT IS 50. MATERIAL WITH AN R VALUE OF LESS THAN 50 SHALL NOT BE PLACED IN, NOR ALLOWED TO REMAIN WITHIN, THE TOP TWO FEET OF FINISHED SUBGRADE.
- 13) THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION LIMITS, OR TO MEET EXISTING STRUCTURES.
- 14) ALL EXCAVATION TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29, CFR 1926.650, SUBPART P.
- 15) THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35 TON NON-VIBRATING ROLLER MAXIMUM TO OBTAIN THE REQUIRED COMPACTION IN EMBANKMENT AND SUB GRADE IN URBAN OR OTHER AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.
- 16) CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET, INTO STORM DRAIN SYSTEMS, OR DOWN ARROYOS.
- 17) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY EXISTING HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

UTILITIES

- 18) ** WARNING ** - EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.
- 19) THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHEN WORKING NEAR THEIR SYSTEMS. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL NEW MEXICO ONE CALL SYSTEM INC. AT 260-1990 OR 811 VIA CELL PHONE REGARDING LOCATION OF EXISTING UTILITIES. CONTRACTOR MAY BE REQUIRED TO RESCHEDULE ITS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- 20) IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND SHALL BE APPROVED BY THE ENGINEER.
- 21) CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR ALL SUPPORTING WORK SHALL BE INCIDENTAL TO CONSTRUCTION COSTS.
- 22) ALL UTILITY VALVE BOXES, MANHOLES, AND/OR UTILITY POLES WHICH FALL WITHIN CONSTRUCTION ZONE SHALL BE ADJUSTED TO GRADE OR RELOCATED BY THE RESPECTIVE UTILITIES, UNLESS OTHERWISE NOTED ON PLANS. THE CONTRACTOR SHALL COORDINATE SUCH ACTIVITIES IN ORDER TO FACILITATE ADJUSTMENT OR RELOCATION IN A TIMELY MANNER.
- 23) CONTRACTOR SHALL COORDINATE WITH THE ABCWUA (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY ABCWUA PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

24) PNM (PUBLIC SERVICE CO. OF NEW MEXICO) WILL PROVIDE AT NO COST TO THE CITY OR TO THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.

25) FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

26) ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. BACK FILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.

GENERAL CONSTRUCTION

- 27) THE CONTRACTOR IS TO COORDINATE ALL WORK WITH THE ENGINEER.
- 28) IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND SUPPLY WATER FOR THE PROJECT. THE COST WILL BE INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFORE.
- 29) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL REMOVALS NOT SHOWN ON THE PLANS MAY BE DESIGNATED BY THE MANAGER. ALL REMOVALS, UNLESS OTHERWISE INDICATED WILL BE INCIDENTAL TO SITE CLEARING AND GRUBBING.
- 30) ANY SALVAGEABLE MATERIALS REMOVED FROM THIS PROJECT SHALL BE HAULED AND STOCK PILED AT A LOCAL LOCATION DETERMINED BY THE CONSTRUCTION ENGINEER. HAUL OF SUCH MATERIALS SHALL BE INCIDENTAL TO SITE CLEARING AND GRUBBING.
- 31) THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT-OF-WAY LIMITS.
- 32) THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY IT TO EXISTING WALLS, FENCES, SIDEWALKS, TRAIL SURFACES, IRRIGATION LINES, VALVE BOXES, MANHOLES, CURB AND GUTTER, ETC. DURING CONSTRUCTION AND SHALL REPAIR OR REPLACE SAME AT ITS OWN EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTATION OF ANY EXISTING DAMAGE PRIOR TO START OF CONSTRUCTION.
- 33) SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE COA STANDARD SPECIFICATIONS.
- 34) THE CONTRACTOR SHALL BE THE RESPONSIBLE PARTY FOR THE IMPLEMENTATION AND MAINTENANCE OF ALL TRAFFIC CONTROL PROCEDURES AND MATERIALS. THE CONTRACTOR SHALL HAVE PERSONNEL AVAILABLE 24 HOURS PER DAY, SEVEN (7) DAYS PER WEEK TO INSPECT AND MAINTAIN TRAFFIC CONTROL DEVICES AS DIRECTED BY THE CONSTRUCTION ENGINEER.
- 35) CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE
- 36) ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 37) ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS - PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION. COORDINATE LOCATION FOR NEW SIGNS AND/OR POSTS WITH ENGINEER.

38) WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A ONE FOOT (1') WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE NEW CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS. REFERENCE COA STANDARD DRAWING #2415. NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING.

39) THE FINAL SURFACE OF THE REPLACED PAVEMENT AND GUTTER SHALL CONFORM TO A GRADE LINE SET BY THE CONTRACTOR SUCH THAT THE PAVEMENT AND GUTTER WILL READILY DRAIN AND DOES NOT VARY SIGNIFICANTLY FROM ADJACENT EXISTING GRADES.

40) ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.

41) WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE NOTED.

42) EXISTING CURB AND GUTTER NOT CALLED OUT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. PER COA STANDARD DWG. 2415A

43) UPON COMPLETION OF CONSTRUCTION ALL AREAS WHICH ARE DISTURBED OR ARE TO BE REVEGETATED SHALL BE SEEDED IN ACCORDANCE WITH SECTION 1012 - "NATIVE PLANT SEEDING" OF THE STANDARD SPECIFICATIONS, EXCEPT AS MODIFIED HEREIN. NO SEEDING SHALL OCCUR WITHIN TWO FEET (2') CONSTRUCTED STRUCTURES, ROADWAYS, TRAILS, AND COMPACTED SHOULDERS.

44) CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED. THESE SHALL BE KEPT CURRENT AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE ENGINEER THROUGHOUT THE PROJECT. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE CONSTRUCTION ENGINEER PRIOR TO FINAL PAYMENT.

45) QUANTITIES SHOWN HEREIN, FOR THE VARIOUS BID ITEMS, ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT SHALL BE BASED ON ACTUAL QUANTITIES AS CONSTRUCTED.

46) OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.

47) CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT AND STRUCTURES, WHETHER PERMANENT OR TEMPORARY.

WASTE DISPOSAL REQUIREMENTS

48) THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT PAVEMENT MATERIAL REMOVED ON THE PROJECT BY: BREAKING DOWN TO MAXIMUM 4" SIZE AND PLACING WITHIN NEW ROADWAY PRISM AT LEAST 2 FEET BELOW FINISHED GRADE; RECYCLING; STOCK PILING; AND/OR, HAULING TO AN APPROVED LANDFILL, IN ACCORDANCE WITH THE REGULATIONS OF THE NEW MEXICO SOLID WASTE ACT.

49) ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE, UNSUITABLE CONSTRUCTION MATERIALS AND DEBRIS FROM CLEARING AND GRUBBING, ARE TO BE PLACED IN AN ENVIRONMENTALLY SUITABLE DISPOSAL SITE DECIDED UPON AND COORDINATED BY THE CONTRACTOR, WITH THE APPROPRIATE REGULATORY AGENCIES. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IN WRITING OF THE DETAILS OF DISPOSAL OPERATIONS. BORROW MATERIAL, ROCK WASTE, VEGETATIVE DEBRIS, ETC. SHALL NOT BE PLACED IN WETLAND AREAS OR AREAS WHICH MAY IMPACT ENDANGERED SPECIES OR ARCHAEOLOGICAL RESOURCES. AN ARCHAEOLOGICAL SURVEY AND ENVIRONMENTAL CLEARANCE SHALL BE GAINED BY THE CONTRACTOR BEFORE DISPOSAL SITES ARE ACCEPTED.

HAZARDOUS SPILLS REQUIREMENTS

50) THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, ETC., WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING DISCOVERIES OF PAST SPILLS AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NM ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 827-9329. NON-EMERGENCIES MAY BE REPORTED TO 428-2500.

ENVIRONMENTAL COMPLIANCE

51) THE CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY, INCLUDING THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEMS (NPDES) PROGRAM. FOR INFORMATION, CONTACT THE NPDES CONTACT FOR THE STATE OF NEW MEXICO AT (505) 827-2855. THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL PERMITS REQUIRED BY FEDERAL, STATE, AND CITY REGULATIONS FOR NPDES COMPLIANCE.

52) THE AIR POLLUTION CONTROL REGULATION OF THE ALBUQUERQUE - BERNALILLO COUNTY AIR QUALITY CONTROL BOARD LIMIT EMISSIONS OF PARTICULATE MATTER AND THE USE OF CUT BACK ASPHALT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLARIFY THESE RESTRICTIONS WITH THE ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO SUBMITTAL OF BIDS TO AVOID CONFLICT WITH THE REGULATIONS. CALL THE ENVIRONMENTAL HEALTH DEPARTMENT AT 768-2600.

UTILITY CONTACTS

PNM ELECTRIC	LESLIE, BILL	(505) 241-0570
COMCAST	ERICKSON, RITA	(505) 761-6235
QWEST/US WEST	JARAMILLO, RITA	(505) 245-8352
ABCWUA	MUSINSKI, NANCY	(505) 768-2729
PNM-GAS Co. OF NM	BOUSKA, KELLY	(505) 241-7752

LEGEND

EXISTING

- EXISTING GROUND
- 5155
- EXISTING VALVE
- EXISTING SIDEWALK
- EXISTING CURB
- EXISTING WALL
- 10" EXISTING WATER LINE AS LABELED
- 8" EXISTING SAS AS LABELED
- EXISTING STORM DRAIN
- CABLE LINE
- GAS LINE
- PHONE LINE
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- EXISTING SPOT ELEVATION
- EXISTING STORM DRAIN MANHOLE
- APPROXIMATE LOCATION OF EXISTING SAS BURIED MANHOLE
- EXISTING SANITARY DRAIN MANHOLE
- EXISTING STORM DRAIN INLET
- EXISTING WATER METER
- EXISTING CABLE TV BOX
- EXISTING TELEPHONE BOX
- EXISTING STREET LIGHT
- EXISTING ANCHOR
- EXISTING POWER POLE
- APPARENT PROPERTY LINES

PROPOSED

- GROUND
- SIDEWALK
- CURB
- EXISTING WATER OR SAS AS LABELED
- 8" OR 10" NEW WATER LINE
- VALVE

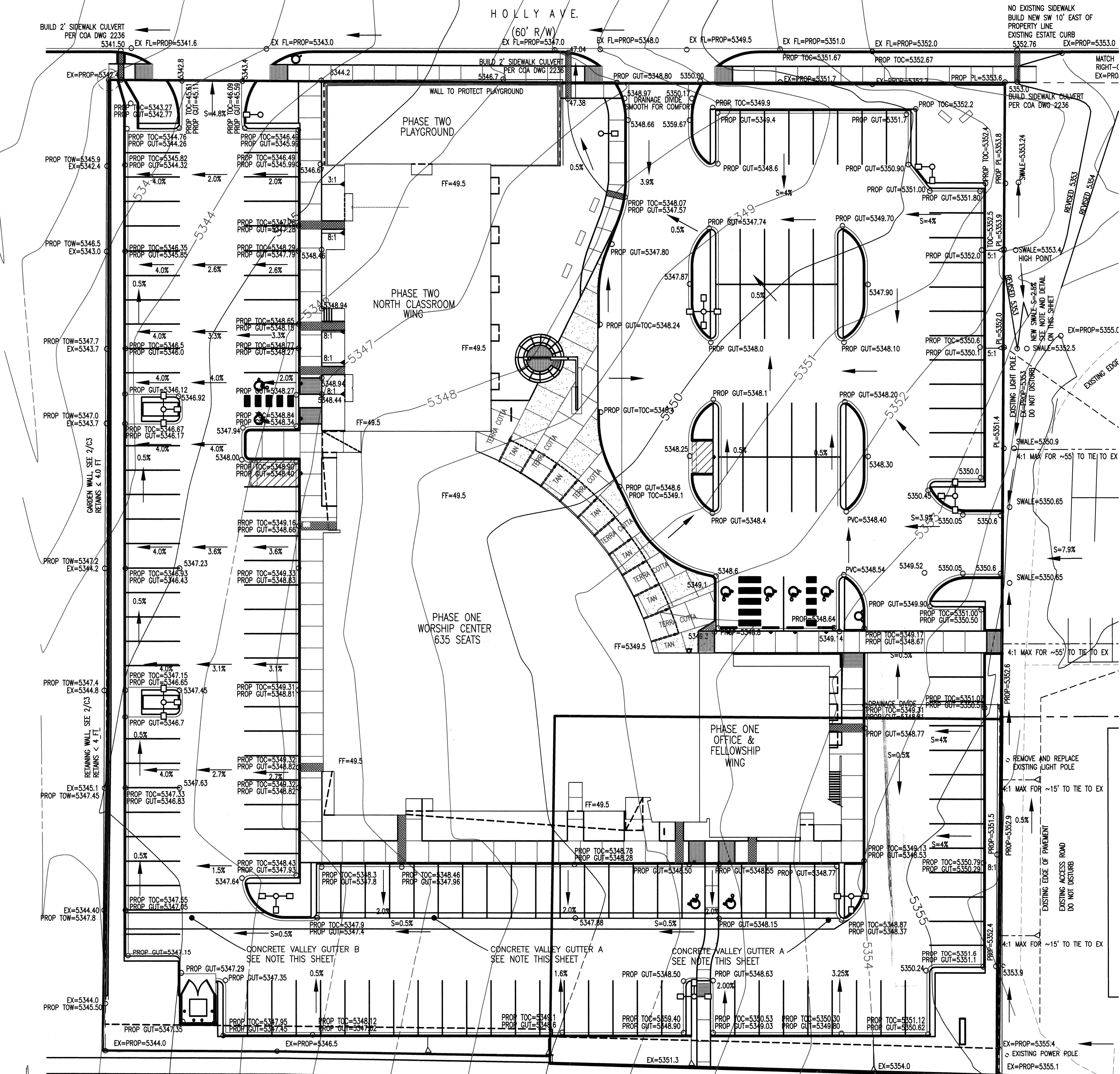
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M.C. Lutz DATE: 12-17-08

NEW COVENANT WATERLINE

GENERAL NOTES

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED AUG 11 2008 DESIGN REVIEW COMMITTEE	APPROVED NOV 12 2008 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
664482	C-19	C2	6



NOTE: ALL GRADES SHOWN ARE FLOWLINE OF CURB
UNLESS OTHERWISE INDICATED.

NOTE: CONCRETE VALLEY GUTTER A PER COA DWG 2420,
OMIT NO. 4 BARS. SLOPE 2% OVER 2 FEET AND SLOPE
OVER 4 FEET FROM 0.5% TO 3.25% (SEE PLANS FOR
LOCATIONS). CONCRETE VALLEY GUTTER B PER COA DWG
2420, OMIT NO. 4 BARS. SLOPE 0.5% OVER 6 FEET (SEE
PLANS FOR LOCATIONS).

SWALE: THE SWALE AT JUST EAST OF THE EAST PROPERTY
LINE WILL BE 5' WIDE AND 0.5' DEEP. SWALE RUNS
ALONG PROPERTY LINE EXCEPT
ADJACENT TO EXISTING LIGHT POLE WHERE IT DIVERTS TO
THE EAST OF THE POLE. POLE IS NOT TO BE DISTURBED
BY GRADING.

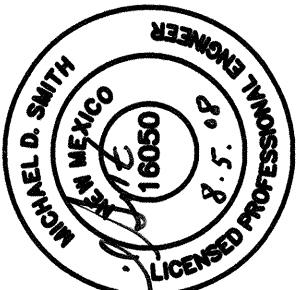
SCALE: 1" = 20' HORIZONTAL

NEW COVENANT CHURCH

GRADING PLAN
FOR INFORMATION ONLY



AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	A.C.S. BRASS CAP (STAMPED "HEAVEN")	NAD 1927, NEW MEXICO STATE	DATE	BY	DATE	BY
WORK BY	DATE	PLANE COORDINATES (CENTRAL ZONE)	X = 407,051.31				
INSPECTED BY	DATE	Y = 1,518,737.03					
ACCEPTANCE BY	DATE	A = (-) 0010'45"					
REVISIONS BY	DATE	ELEVATION = 5375.62 (NGVD 1929)					
REVISIONS BY	DATE	GND TO GRID SF = 0.99965263					
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							



REMARKS
REVISIONS
DESIGN

Designed By: EES
Drawn By: EES, MDS
Checked By: MDS
DATE: OCT 07
DATE: OCT 07
DATE: OCT 07

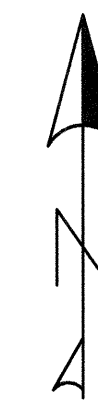
1. ALL ONSITE WORK, SIDEWALKS, DRIVEPADS ARE PART OF BUILDING PERMIT.
2. SEE WATERLINE PLAN AND PROFILE SHEET C6 FOR MORE INFORMATION INCLUDING ELEVATIONS AND APPURTENANCES
3. INSTALL ELECTRONIC MARKING SPHERES (EMS) PER COA STANDARD SPEC. 170
3. CONTACT ABCWUA 7 DAYS PRIOR TO CONSTRUCTION TO CLOSE EXISTING 10" GATE VALVE JUST EAST OF AMAFCA POND BEFORE CONNECTING. NOTE: ONLY ABCWUA PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
4. CONTRACTOR RESPONSIBLE FOR TRAFFIC CONTROL
5. CONTRACTOR RESPONSIBLE FOR NPDES COMPLIANCE

M. J. Little DATE: 12-17-08

FITTING	STA	RESTRAINED LENGTHS ALONG RUN/BRANCH
10"x10"x6" TEE	8+65.08	5 FT / 30 FT
10"x10"x8" TEE	10+00.00	5 FT / 36 FT
8" x5 DEGREE BEND	11+88.15	11 FT / 11 FT
8" x5 DEGREE BEND	12+12.74	11 FT / 11 FT
8"x8"x2" TEE	12+64.57	5 FT / 1 FT
8"x8"x6" TEE	12+68.08	5 FT / 19 FT
8" DEAD END	13+21.55	72 FT
6" 90 DEGREE BEND	FH12+68.08 26.75 LF RT	25 FT / 25 FT
4" VALVE	*	29 FT UPSTREAM SIDE
4" 90 DEGREE BEND	*	15 FT / 15 FT

*SEE OVERALL PLAN SHEET FOR POST
INDICATOR VALVE LINE

FBI PLAINS GROWING OFFICE
 924-3811
 (RECEIVED) DISAPPROVED
 HYDRANT(S) ONLY
 R.C. Jand 8-5-08
 SIGNATURE DATE



SCALE: 1" = 20' HORIZONTAL

OVERALL UTILITY PLAN

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.	
APPROVE AUG 11 2008 DESIGN REVIEW COMMITTEE		APPROVE NOV 12 2008 CITY ENGINEER						
City Project No.		664482		Zone Map No.	Sheet		Of	
				C-19	C5		6	

