## CAUTION!!! UNDERGROUND UTILITIES EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION SUPPLIED BY VARIOUS OWNERS OF THE FACILITIES. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING GRAPHIC SCALE FACILITIES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE. CONTACT ALL POSSIBLE UTILITY AND UNDERGROUND FACILITY OWNERS. ( IN FEET ) WATER LINE GENERAL NOTES 1 inch = 40 ft.1. UNLESS OTHERWISE NOTED, ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CURRENT CITY OF ROCKWALL "STANDARDS Contractor to verify location and elevation of 8 waterline 914+50.00 W-21 OF DESIGN. STANDARD SPECIFICATIONS FOR CONSTRUCTION. (Install: (Install: (1—16" Butterfly ( Valve STANDARD DETAILS FOR THE CITY OF ROCKWALL" MANUAL. \$1-8"x8"Tap. Sleeve \ prior to construction. -12"x8" Reducer L-B" Valve -16" Butterfly Valve 2. ALL DUCTILE IRON FITTINGS SHALL BE OF THE MECHANICAL -12" Volve JOINT TYPE OR SLIP JOINT, EXCEPT AS NOTED, AND SHALL BE (19+40.00 "W-2? Install: (1-16" Plug End 16" Water CLASS 'D' OR CLASS 250 ON SIZES 12" AND SMALLER IN ACCORDANCE WITH AWWA SPECIFICATION C-111-64. 3. WATER MAINS SHALL HAVE A MINIMUM COVER OF 42". WATER PIPE Ex. 8" Waterline SHALL BE C-900 CLASS 200, 16" SHALL BE C-905 CLASS 200. 4. FIRE HYDRANTS SHALL BE EITHER MUELLER, AMERICAN DARLING OR AN APPROVED EQUIVALENT CONFORMING TO THE REQUIREMENTS EXIST. U.S. HWY. 205 (GOLIAD STREET SOUTH) SET FORTH IN THE CITY OF ROCKWALL "STANDARD SPECIFICATIONS FOR CONSTRUCTION". ALL FIRE HYDRANTS SHALL BE INSTALLED WITH A 6-INCH GATE VALVE ON THE ,BORING CASE HYDRANT LEAD AND WILL BE PLACED 2 FEET - 4 FEET FROM BACK Cine "W-2" Install: 16" Water OF CURB UNLESS OTHERWISE INDICATED ON THE PLANS OR AS Line "W-2" Install: 16" Water REQUIRED TO CLEAR SIDEWALK. DO NOT PLACE FIRE HYDRANTS IN STREET CURB RETURNS. 5. FIRE HYDRANT BONNETS AND CAPS WILL BE PAINTED TO CONFORM WITH CITY SPECIFICATIONS FOR COLOR CODE AS SET FORTH IN TEL. PED. CABLE PED. THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION". GABLE PET CABLE PED 6. GATE VALVES SHALL BE MANUFACTURED BY MUELLER OR KENNEDY, ALLEY "A" SWBMH OR AN APPROVED EQUIVALENT AND SHALL CONFORM TO AND SHALL BE INSTALLED ACCORDING TO THE CITY OF ROCKWALL '20 L.F. of Concrete "STANDARD SPECIFICATIONS FOR CONSTRUCTION". Encasement 7. FLUSH VALVES OR AN APPROVED EQUIVALENT SHALL BE INSTALLED ON ALL DEAD-END WATER LINES AND SHALL COMPLY WITH THE CITY OF ROCKWALL STANDARD DETAILS. 8 8. WHENEVER SANITARY SEWER MAINS ARE LOCATED IN THE STREET, 0+20.00"A" Const. 5' Dia. Manhole IT SHALL BE PLACED 7 FEET BACK OF CURB, UNLESS OTHERWISE SHOWN ON PLANS. ALL WATER AND SANITARY SEWER MAINS 00 AHD = 4+30.31 BKType "S" RIM ELEV. 528.00 SHALL HAVE A 10.0 FEET MINIMUM LATERAL SEPARATION. OCT. 8,2001 9. IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY OF RECORD DRAWINGS ROCKWALL "STANDARD SPECIFICATIONS FOR CONSTRUCTION", THE NOTE: THE INTENT OF THE OWNER AND CITY ENGINEER'S DECISION SHALL APPLY. ENGINEER WAS TO CONSTRUCT THE 10. ALL STUBOUT WILL BE A MINIMUM OF 1 JOINT OF PIPE (20') PAST IMPROVEMENTS ACCORDING TO THESE THE VALVE. PLANS AS APPROVED BY THE CITY OF ROCKWALL. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION EXCEPT AS NOTED ON THE PLANS. LINE "W+1" BORE 19+00 12+00 16+00 17+00 18+00 13+00 14+00 Bore Direction e LINE "W-2" LINE "W-2" 560 545 545 555 540 540 **4 ∑** 550/535 8" WATER ON -0.20% 16, 550 535 535 /-Ex. Ground 🛭 Ç Pipe 55 L.F + 15" Dia. 0.375" Thick Steel Casing Pipe 545 530 530 545/530 - 100' R.D.W. -Walnut Ridge Drive -84 L.F.± Bore # 525 540/525 535 520 520 Ex. 9'x10' RCB FL 517.81± LINE "W-2" Ex. 18" San. 11 515.81+ 515 530 16" WATERLINE PLAN & PROFILE -20 LF. of Conc. Encsmt. Wraps 1 Thick Around 16 Water HICKORY RIDGE, PHASE ONE CITY OF ROCKWALL ROCKWALL COUNTY, TEXAS DOWDEY, ANDERSON & ASSOCIATES, INC. 水 THESE CONSTRUCTION PLANS WERE NO. DATE BY **REVISION** CITY OF ROCKWALL, TEXAS, CONTROL MONUMENT #929. TOP OF HEADWALL IN NORTHWEST CORNER OF BRIDGE OVER SQUABBLE CREEK. SOUTHWESTERLY SIDE OF FM 205. ELEV = 524.55 PREPARED UNDER THE RESPONSIBLE THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAN M. DOWDEY P.E.#21433 5225 VILLAGE CREEK DR., STE. 200 (972) 931-0694 PLANO , TEXAS DAN M. DOWDEY SUPERVISION OF DAN M. DOWDEY REGISTERED PROFESSIONAL ENGINEER SHEET DESIGN DRAWN CHECKED DATE JOB SCALE No. 21433 All Yorky W-1-70-00 SQUARE CUT ON TOP OF HEADWALL AT THE MOST NORTHERLY CORNER OF BRIDGE. NORTHESATERLY SIDE OF FM 205. 1680' NORTHWEST OF CL OF MIMS ROAD. ELEV = 529.11 DD DD 09-00 PLATE NO.:39