

WATER MAIN JOINT DEFLECTION
 (PVC 4\"/>

FIRE FLOW CALCULATIONS
 FIRE FLOW REQUIREMENT IS 1,750 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.
 BASED ON:
 SQUARE FOOTAGE: 4,200 SQ FT
 HEIGHT: 35-FT UP TO 2 STORY HOMES
 SPRINKLER SYSTEM: NO
 ROOF CONSTRUCTION: WOOD
 HIGH PILED COMBUSTIBLE STORAGE: NO
 LARGEST AREA BETWEEN SEPARATE WALLS: N/A
 TYPE OF CONSTRUCTION: V-B
 OCCUPANCY: R-E
 STORIES UP TO 2 STORIES
 ESFR SYSTEM: NO

UTILITY DISCLAIMER NOTE
 EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREIN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS. CALL BEFORE YOU DIG: 1-800-227-2600. CALL BEFORE YOU OVERHEAD: 1-702-227-2929

LEGAL DESCRIPTION
 THE WEST HALF (W 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.B. & M., CLARK COUNTY, NEVADA.
 AND
 GOVERNMENT LOT TWENTY-THREE (23) LOCATED IN THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.

BENCHMARK
 CITY OF LAS VEGAS (89L99-3006) PIN AND ROUND PLATE IN CONCRETE PAD, NORTHEAST CORNER OF TROPICAL PKWY. AND CONQUISTADOR ST.
 ELEVATION: 2698.81 (FEET)
 821.989 (METERS)
 CLARK COUNTY VERTICAL CONTROL V.2003 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD89)

BASIS OF BEARINGS
 NORTH 89°52'27\"/>

APPROVAL BLOCK
 [Signature] 10/20/14
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER (PROJ# 122426)
 LWVWD APPROVED FIRE FLOW 1750 GPM @ 20 PSI RESIDUAL
 [Signature] 10/20/14
 CLARK COUNTY ENGINEER DEPARTMENT
 APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. FIRE FLOW = 1,750 G.P.M. AT 20 PSI RESIDUAL.

NO.	DESCRIPTION	DATE

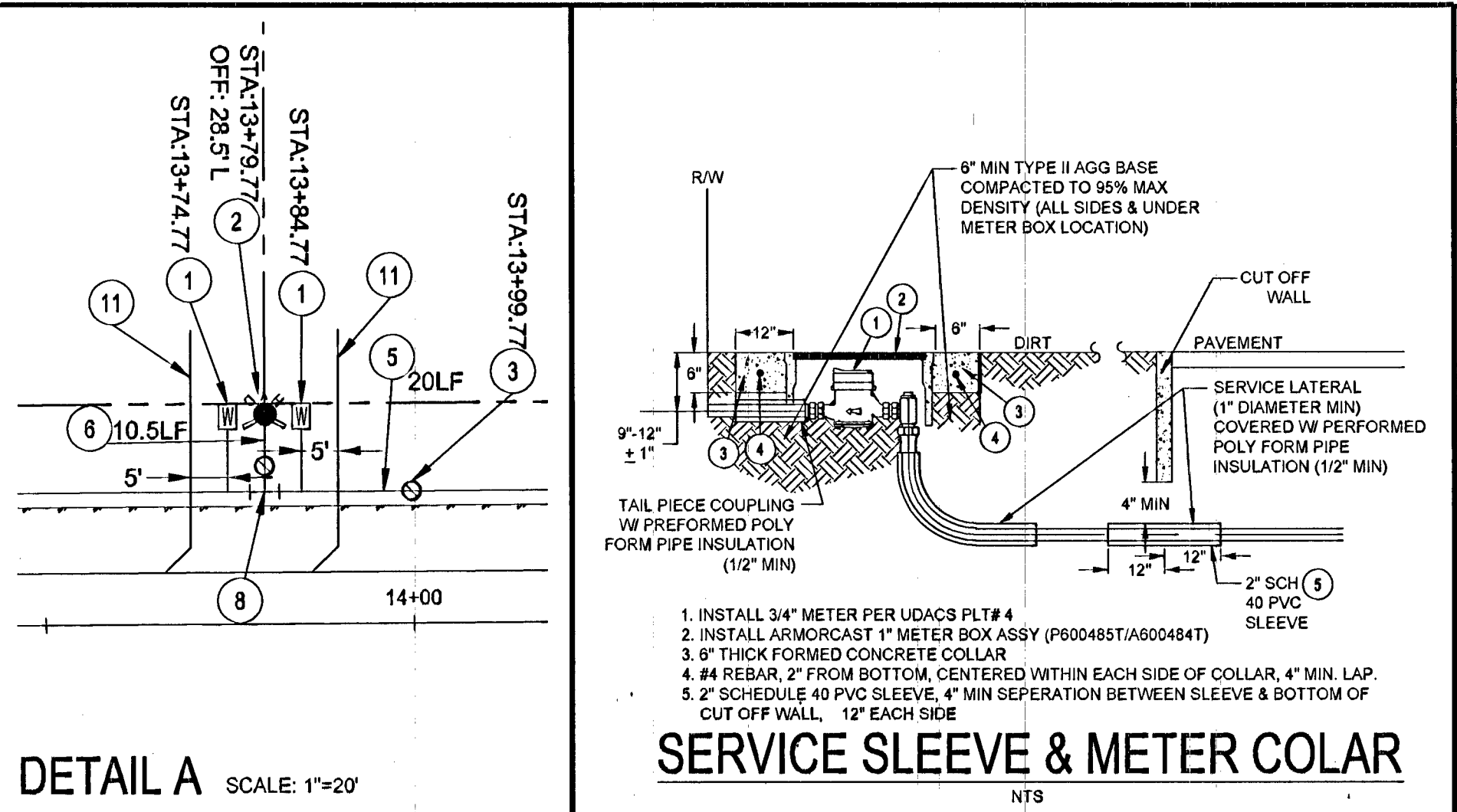
DR HORTON
 330 CAROUSEL PKWY
 HENDERSON, NV 89014
 (702) 635-3600 FAX: (702) 669-4601

T ANEY ENGINEERING
 6030 S. JONES BLVD STE# 100
 LAS VEGAS, NV 89118
 (702) 362-8844 FAX: (702) 362-5333

TROPICAL AND CONQUISTADOR 3
 A RESIDENTIAL SUBDIVISION
 UTILITY PLAN

- CONSTRUCTION NOTES**
- 1\"/>

- UTILITY NOTES**
1. ALL WATER FACILITIES CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE \"UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS\" (UDACS), LATEST EDITION.
 2. FIRE, WATER, AND SEWER SERVICES, AS APPROVED ON THIS PLAN, ARE INTENDED SPECIFICALLY FOR THE LOT AND USE SHOWN, AND ARE NOT INTENDED TO SERVICE ADDITIONAL PARCELS OR STRUCTURES WHICH MAY BE CREATED IN THE FUTURE. IN THE EVENT THAT THE PARCELS AND/OR LOTS SHOWN ON THIS PLAN ARE FURTHER DIVIDED TO CREATE ADDITIONAL PARCELS OR LOTS, THE OWNER IS REQUIRED TO PROVIDE SEPARATE FIRE, WATER, & SEWER SERVICES TO EACH.
 3. WATER AND SEWER LATERALS SHALL BE INSTALLED A MINIMUM OF 48\"/>



UnderGround
 1-702-455-6000
 CLARK COUNTY TRAFFIC OPERATIONS
 1-702-432-5300
 LAS VEGAS TRAFFIC SERVICE CENTER

Call Before You Dig
 AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
 CALL BEFORE YOU DO OVERHEAD.
 1-702-227-2929

Call Before You Dig
 AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
 CALL 811
 1-800-227-2600
 CLARK COUNTY TRAFFIC OPERATIONS
 1-800-455-6000

FILE NAME: 08 UTILITY.DWG