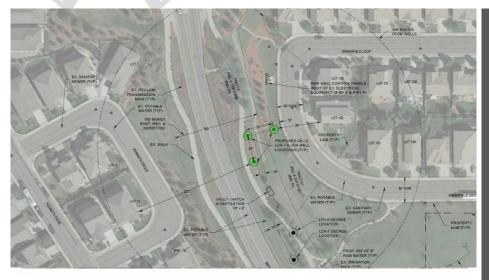


## 2020 Well Construction Project



Meridian Metropolitan District obtains potable (drinking) water distribution to the community utilizing a network of wells drilled underground to access an aquifer. In order to provide sufficient water for the growing neighborhood, demand the additional wells are needed. MMD currently has an easement north of the tot-lot and community swimming pool that was previously reserved for future well expansion. In an effort to limit the impact on useable recreational area in the park, the well location will be moved to a district tract northwest of the park as depicted on the map.

## **Proposed Location for New Wells**



Example of a Sound Wall at a Well Drilling Site in a Residential Neighborhood in Castle Rock

When will drilling occur? Well drilling will take place in the fall when outdoor activity is lower to minimize impact on the community.

**How long will the drilling take?** Drilling will take approximately two weeks per well for a total of 6 weeks. In order to complete the project as quickly as possible and ensure well productivity, drilling will be a 24/7 operation.

Is drilling going to be noisy? Well drilling includes the use of large drill rigs and heavy construction equipment which do contribute to added noise pollution. Because a drilling operation occurs around the clock, lights are necessary at night. To reduce the impact of both noise and light, large sound barriers will be installed to shield the community from the operation. Shift changes will be scheduled for 7:00 am and 7:00 pm. Spotters will be used in lieu of back-up truck alarms. Truck deliveries will be limited to daytime hours only. Construction of wells must be done in accordance with the Water Well Construction Rules as mandated by State of Colorado Division of Water Resources.

How will dust and debris be addressed? All construction operations will be within the sound wall barriers. A dust control program will be implemented along with engineering controls to contain dust and debris to the construction site.

For More Information Please Contact Galina Butylev at galina.butylev@sheaproperties.com or

## UDA, DE-12 & LDA-7 WELL - MERIDIAN METROPOLITAN DISTRICT - LOCATION AND EXTENT

TRACT D1 — MERIDIAN INTERNATIONAL BUSINESS CENTER FILING NO. 7A — LOT LINE ADJUSTMENT RECEPTION NO. 2007071251 — 0.51 ACRES TRACT E — MERIDIAN INTERNATIONAL BUSINESS CENTER FILING NO. 7A — RECEPTION NO. 2006103056 — 2.14 ACRES BEING A PORTION OF THE WEST ½ OF SECTION 18, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN COUNTY OF DOUGLAS, STATE OF COLORADO ZR2020—TBD





TYPICAL WELL HEAD PROPOSED FOR WELLS SIDE VIEW (APPROX. 2' BY 2')



TYPICAL WELL HEAD PROPOSED FOR WELLS TOP VIEW (APPROX. 2' BY 2')



TYPICAL VAULT HATCH & VENTILATION



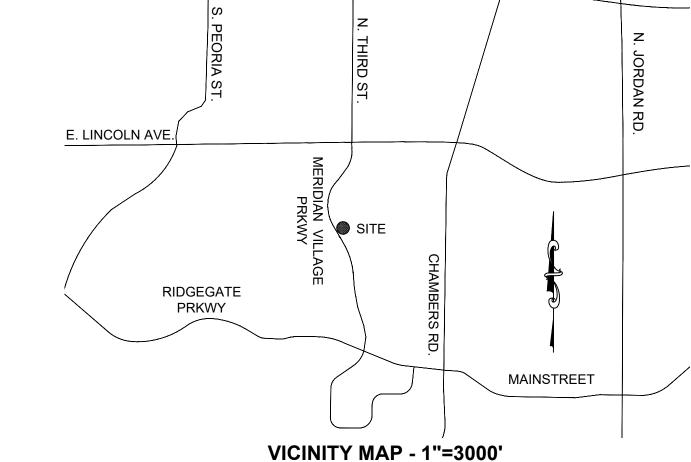
TYPICAL WELL CONTROL PANELS



## "FIV-

- 1. THE INTENT OF THIS EXHIBIT IS TO MEET THE LOCATION AND EXTENT REQUIREMENTS FOR
- DOUGLAS COUNTY AND NOT FOR CONSTRUCTION. PLEASE SEE APPROVED CONSTRUCTION DRAWINGS FOR ALL CONSTRUCTION DETAILS, GRADING, GESC BMP'S, DESIGN, NOTES, ETC.
- DRAWINGS FOR ALL CONSTRUCTION DETAILS, GRADING, GESC BMP'S, DESIGN, NOTES, ETC.

  2. ALL FUTURE CONSTRUCTION SHALL BE IN ACCORDANCE WITH DOUGLAS COUNTY AND MERIDIAN METROPOLITAN DISTRICT STANDARDS.
- 3. FUTURE CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY CONFLICTS.
- 4. IT SHALL BE THE RESPONSIBILITY OF THE FUTURE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES (SHOWN OR NOT SHOWN).
- 5. PROPOSED LOCATION IS BASED ON WELL PERMIT #TBD.
- 6. LAND DESCRIPTION TRACT D1, MERIDIAN INTERNATIONAL BUSINESS CENTER FILING NO. 7A LOT LINE ADJUSTMENT RECEPTION NO. 2007071251; TRACT E, MERIDIAN INTERNATIONAL BUSINESS CENTER FILING NO. 7A RECEPTION NO. 2006103056.
- 7. ANY FUTURE STRUCTURES SHALL BE APPROVED BY THE MERIDIAN INTERNATIONAL BUSINESS CENTER DESIGN CONTROL COMMITTEE PRIOR TO CONSTRUCTION.
- 8. CONSTRUCTION WATER WILL BE PROVIDED BY MERIDIAN METROPOLITAN DISTRICT. NO LONG TERM SOURCE OF WATER IS NECESSARY FOR THE WELL.
- 9. ALL DAMAGED LANDSCAPING MATERIALS WILL BE REPLACED ACCORDING TO THE APPROVED MIBC FILING NO. 7A LANDSCAPE PLAN.
- 10. ALL UTILITY CONNECTIONS CAN BE MADE VIA THE EXISTING FACILITIES.
- 11. MIBC 7A TRACTS (A, B, C, D1, E, F1, G1, H, I, J, K, L, M, N, O, AND P HAVE EXISTING MVMD1
- 12. MERIDIAN VILLAGE METROPOLITAN DISTRICT #1 (MVMD1) IS THE PROPERTY OWNER FOR TRACTS D1, E AND F1.



**LEGEND** 

----IR----IR- IRRIGATION WATER

— W— POTABLE WATER

—— S —— SANITARY SEWER

----- RAW----- WELL/RAW MAIN

----- UE ----- ELECTRIC LINE

—— G —— GAS LINE

\_\_\_\_\_ TV \_\_\_\_\_ TV/CABLE

----- 100-YR WSEL

FIRE HYDRANT

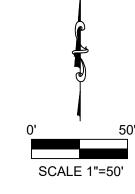
LIGHT POLE

TREE

SANITARY MANHOLE







<u>REVISED:</u> JUNE 29, 2020