



May 26, 2021

# Summerlin North Drain Informational Meeting

# Summerlin North Drain - History

- Plat was constructed in 1993.
- System was an orphan drain – it was never formally established as a county drain.
- Backyard flooding problems in 2019/2020 prompted Holland Charter Township to petition to Establish a Drainage District on June 3, 2020.
- Board of Determination on July 30, 2020 determined that the formal establishment of the Summerlin North Drain infrastructure as county drain was necessary.

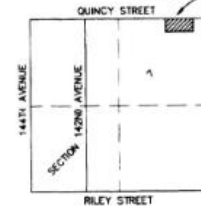


# SUMMERLIN - NORTH

PART OF THE NE. 1/4 SECTION 7, T5N, R15W  
HOLLAND CHARTER TOWNSHIP, OTTAWA COUNTY, MICHIGAN

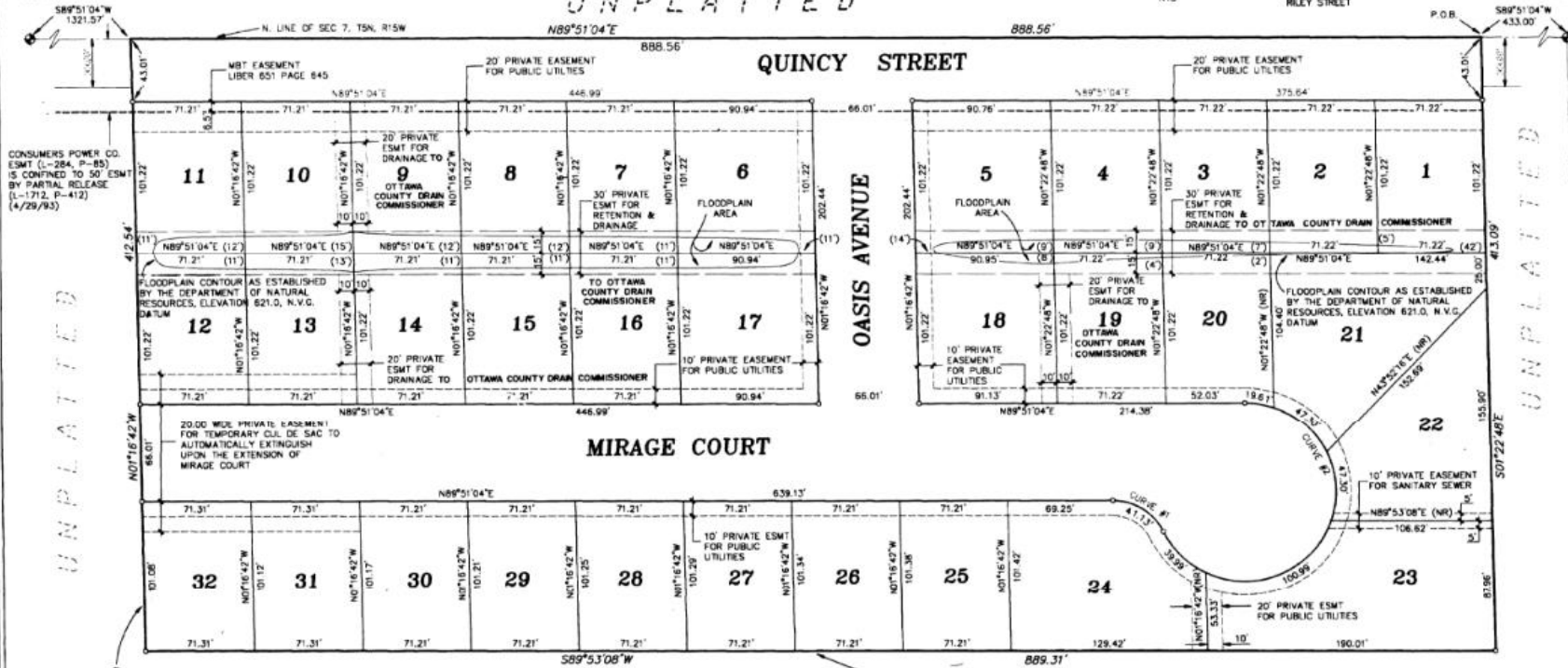
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SUMMERLIN - NORTH



NE CORNER SECTION 7, T5N, R15W AS RECORDED IN OTTAWA COUNTY LAND CORNER RECORDATION CERTIFICATE LIBER 6, PAGE 253

NORTH 1/4 CORNER SECTION 7, T5N, R15W AS RECORDED IN OTTAWA COUNTY LAND CORNER RECORDATION CERTIFICATE LIBER 3, PAGE 16



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S. LINE OF THE N 1/4, S 1/2, N 1/2, NE 1/4, NE 1/4 SEC 7, T5N R15W

### SURVEYOR'S CERTIFICATE

I, ARTHUR W. BRINTNALL, SURVEYOR, CERTIFY THAT I HAVE SURVEYED, DIVIDED, AND MAPPED THE LAND SHOWN ON THIS PLAT, DESCRIBED AS: ... PART OF THE NORTHEAST 1/4 OF SECTION 7, T5N, R15W, HOLLAND CHARTER TOWNSHIP, OTTAWA COUNTY MICHIGAN DESCRIBED AS COMMENCING AT THE NORTH-EAST CORNER OF SAID SECTION 7, THENCE S89°51'04\"

THAT I HAVE MADE SUCH SURVEY, LAND DIVISION AND PLAT BY THE DIRECTION OF THE OWNERS OF SUCH LAND, THAT SUCH PLAT IS A CORRECT REPRESENTATION OF ALL THE EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND THE SUBDIVISION OF IT, THAT THE REQUIRED MONUMENTS AND LOT MARKERS HAVE BEEN LOCATED IN THE GROUND OR THAT SURETY HAS BEEN DEPOSITED WITH THE MUNICIPALITY AS REQUIRED BY SECTION 125 OF THE ACT, THAT THE ACCURACY OF SURVEY IS WITHIN THE LIMITS REQUIRED BY SECTION 126 OF THE ACT, THAT THE BEARINGS SHOWN ON THE PLAT ARE EXPRESSED AS REQUIRED BY SECTION 126(5) OF THE ACT AND AS EXPLAINED IN THE LEGEND.

PREIN & NEWHOFF, P.C.  
3355 EVERGREEN DRIVE, N.E.  
GRAND RAPIDS, MICHIGAN 49505

*Arthur W. Brintnall*  
ARTHUR W. BRINTNALL, PRINCIPAL  
PROFESSIONAL SURVEYOR NO. 28407

July 13, 1993  
DATE



### RESTRICTION NOTE (DNR)

THIS PLAT IS SUBJECT TO RESTRICTIONS AS REQUIRED BY ACT 208, OF 1967, AS AMENDED, WITH RESPECT TO THE REQUIREMENT OF THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES WHICH ARE RECORDED LIBER 110, PAGES 1-2 OF RECORDS OF THIS COUNTY

### LEGEND

ALL DIMENSIONS ARE IN FEET

CURVILINEAR MEASUREMENTS ARE ARC MEASUREMENTS.

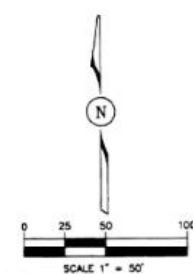
(NR) = NON RADIAL LINE

MONUMENTS CONSISTING OF 1/2\" DIAMETER SOLID RE-ROD MATERIAL, ENCASED IN CONCRETE, 4\" DIAMETER, AND 36\" IN LENGTH HAVE BEEN PLACED AT ALL POINTS MARKED THIS (o).

ALL LOT CORNERS ARE MARKED BY 1/2\" DIAMETER SOLID STEEL BARS 18\" IN LENGTH.

PLAT BEARINGS ARE BASED ON \"ASHLEY GREEN\" AS RECORDED IN LIBER 28, PAGES 53-55, OTTAWA COUNTY REGISTER OF DEEDS.

(10) = DIST FROM NEAREST LOT CORNER TO THE PROPOSED 821.0 CONTOUR



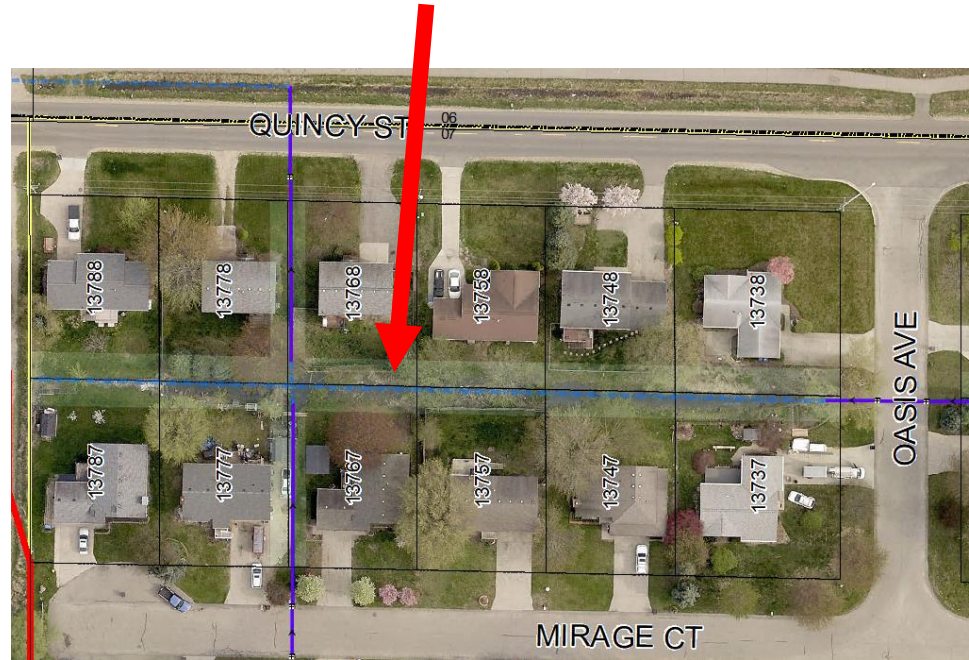
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
CURVE #1	37.00	41.13	22.98	39.04	S58°18'22\"E	63°41'08\"
CURVE #2	60.00	255.19	96.61	101.94	N31°41'38\"E	243°41'08\"

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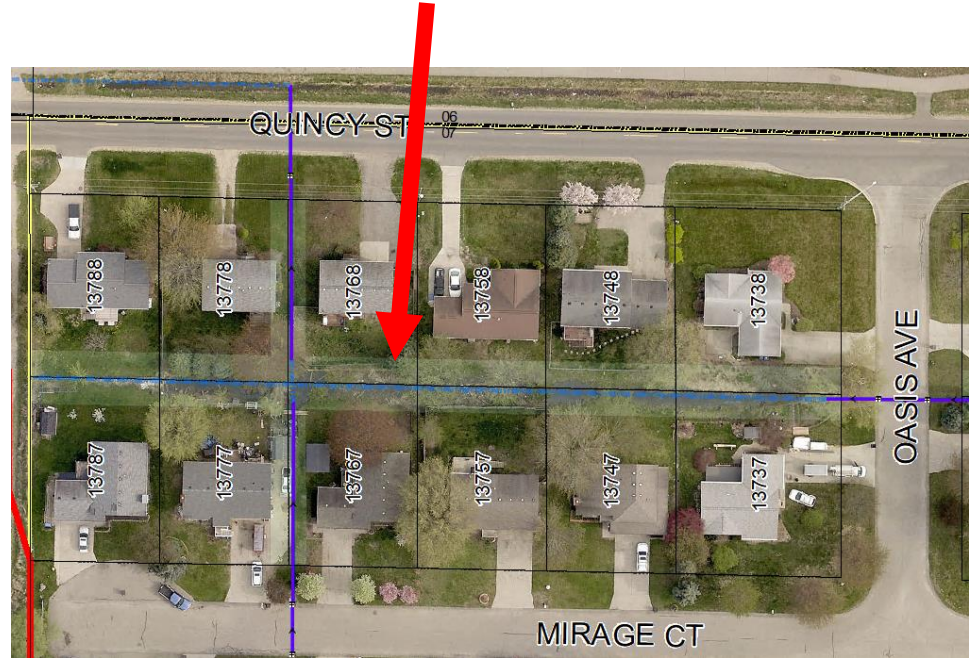
W. LINE OF THE N 1/4, NE 1/4 SEC 7, T5N, R15W

# Summerlin North Drain – Field Observations



Ponding in Backyard Easement Area – Sump Pumps  
(11/22/19)

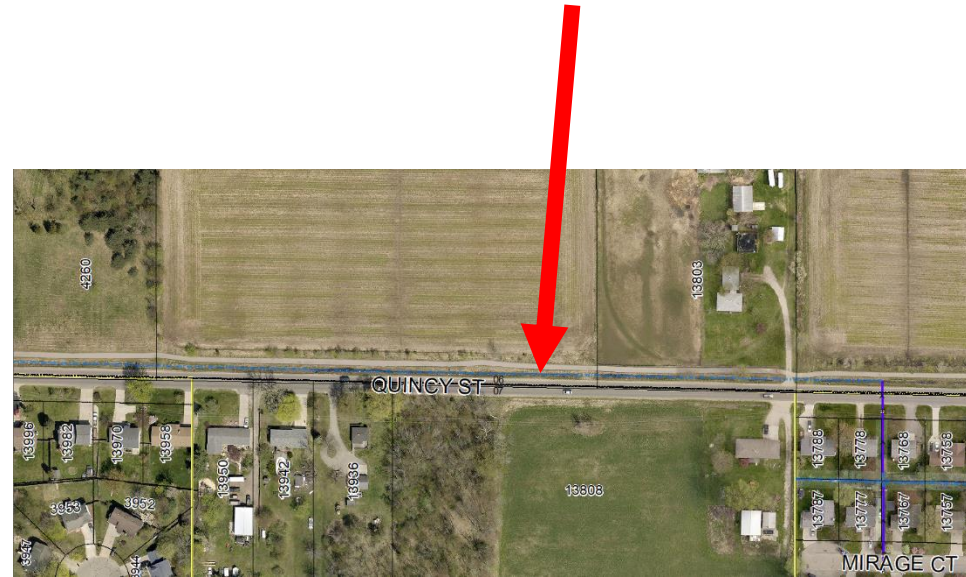
# Summerlin North Drain – Field Observations



Ponding in Backyard Easement Area (11/22/19)

Prein&Newhof

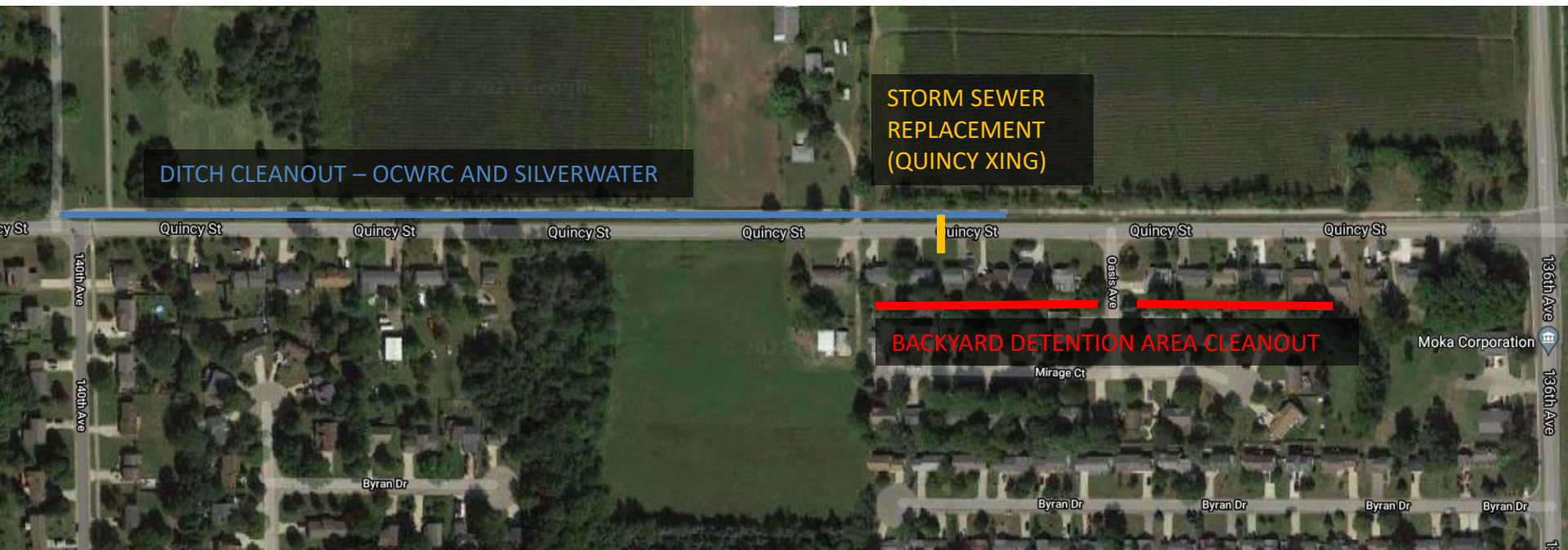
# Summerlin North Drain – Field Observations



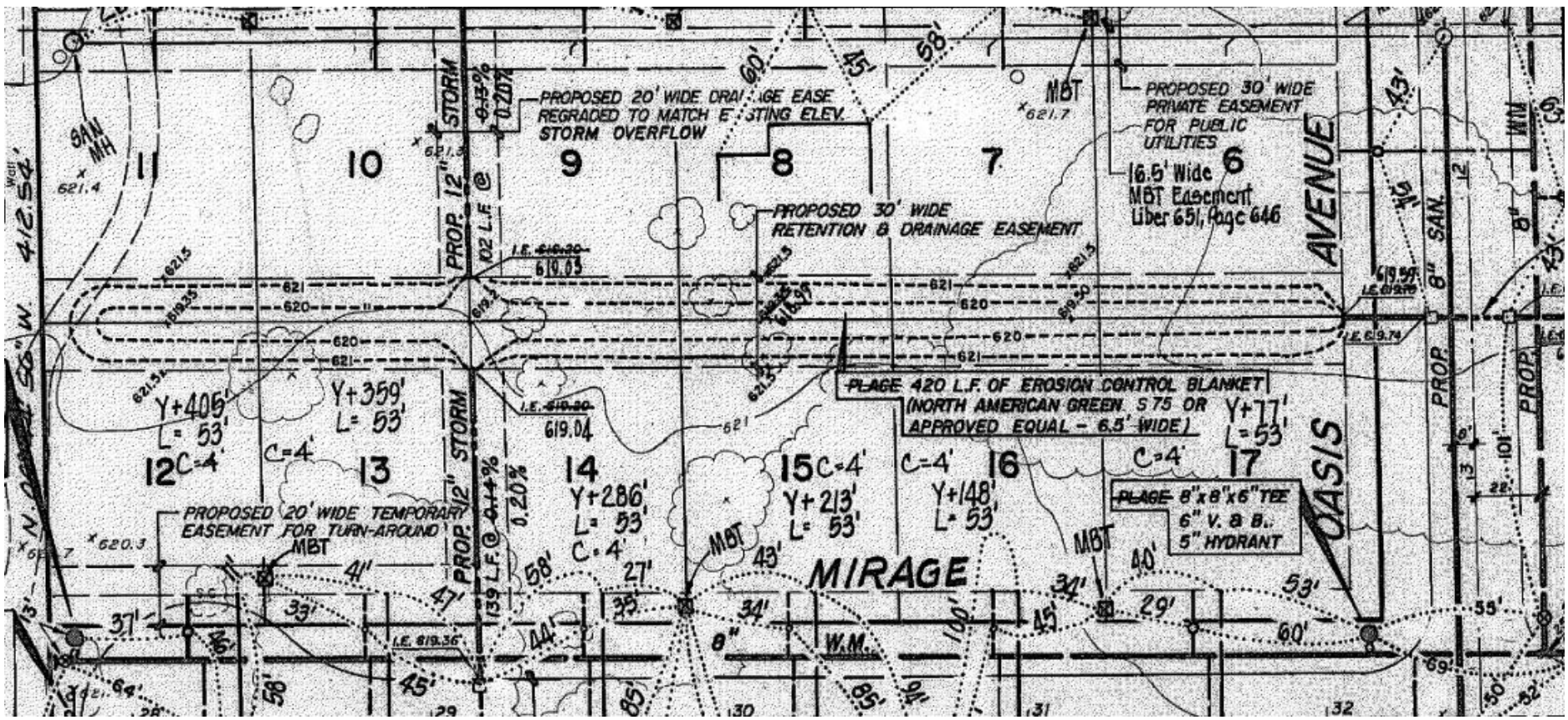
# Summerlin North Drain Engineering Design

- Cleanout the Summerlin North backyard detention area to match its 1993 grading.
- Cleanout the Quincy Street north ditch from Summerlin North to Quincy Park. This ditch is where Summerlin North drains into.

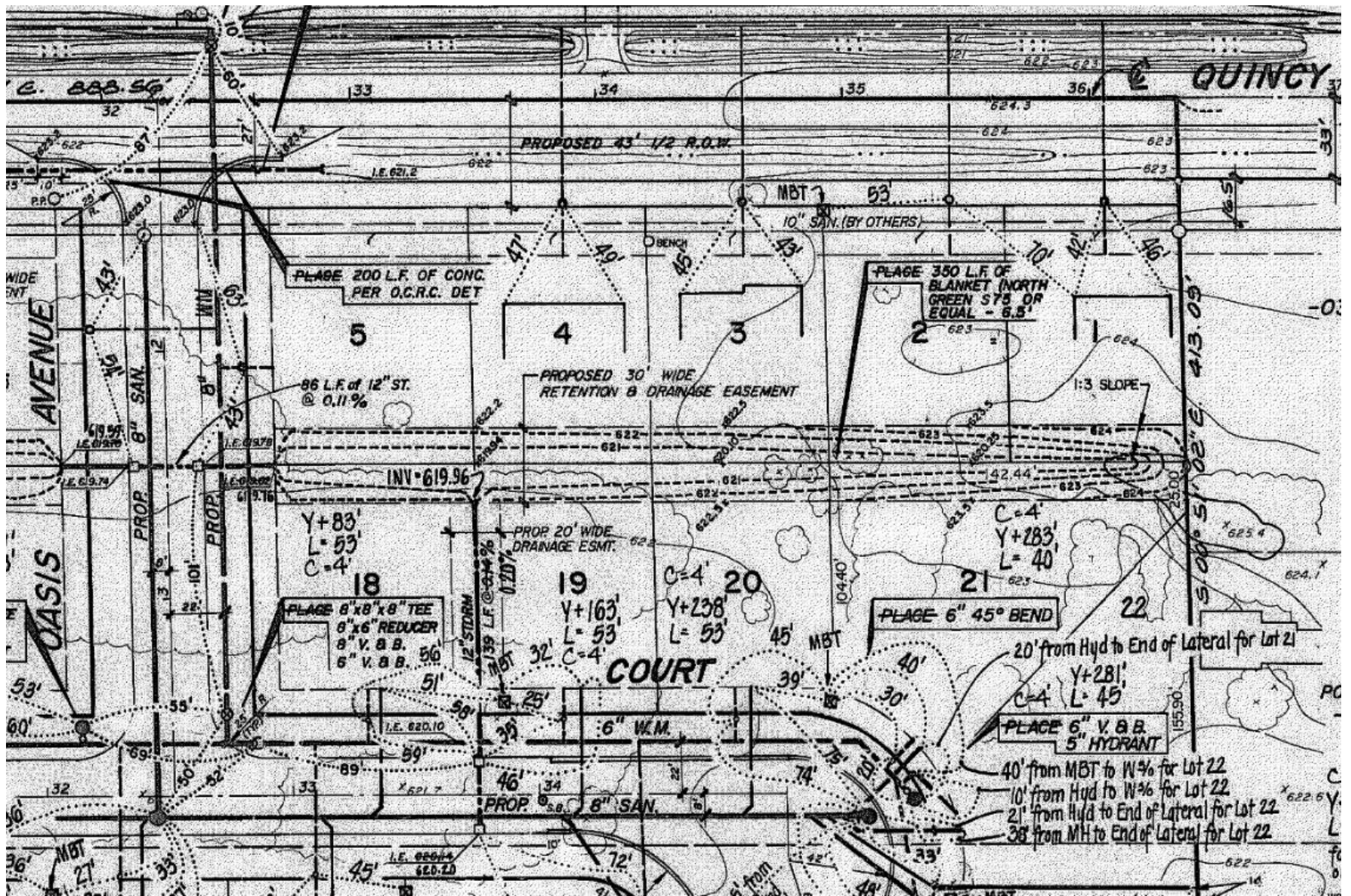




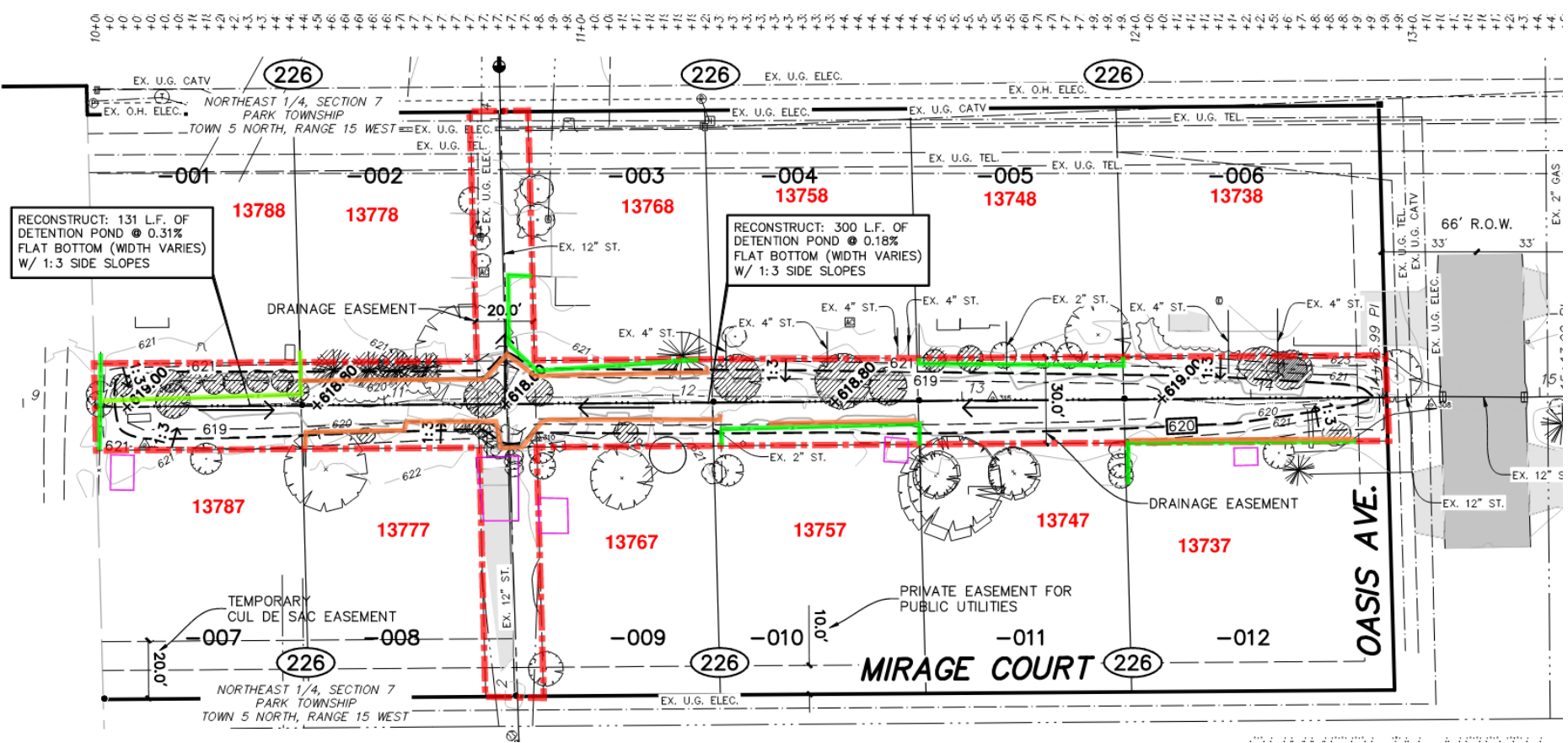




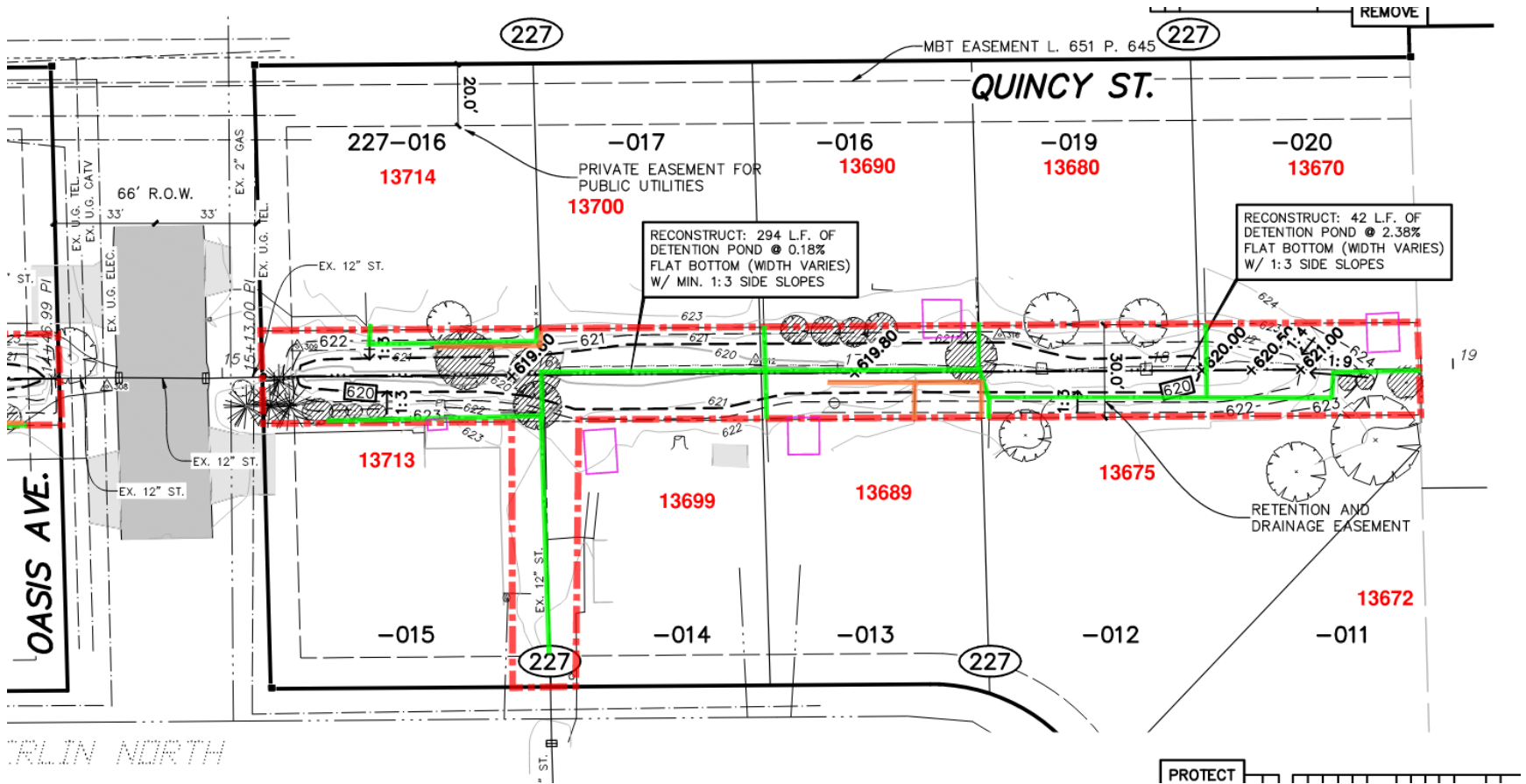
1994 Plat Record Drawing - West of Oasis



1994 Plat Record Drawing – East of Oasis



- Red** – Easement Line
- Orange** – Retaining Walls
- Green** – Fences
- Pink** – Structures (sheds etc.)



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DITCH CLEANOUT – OCWRC AND SILVERWATER

Quincy St

Quincy St

Quincy St

Quincy St

Quincy St

Quincy St

140th Ave

140th Ave

Quincy Street Drain Cleanout

Prein&Newhof

## Summerlin North Drain – Construction and Timeline

- Project is out for permits.
- The EGLE Joint Permit Application for work in floodplain, wetlands, and streams is currently being reviewed. Expected timeline for receiving the EGLE permit is late summer.
- Construction to occur in late summer/early fall if permit(s) are received on time.
- The Contractor will remove all landscaping, fences, retaining walls, planter boxes, etc. from the easement area.
- Property owners will be responsible to reinstall their fence following construction.



## Summerlin North Drain – Encroachment Agreements

- Property owners with sheds in the current easement will have to sign an encroachment agreement with OCWRC. If no agreement is signed, the sheds will be required to be removed by the property owner.
- Following construction, the property owner can reinstall their fence into the easement area with an encroachment agreement with OCWRC.



# Questions?

