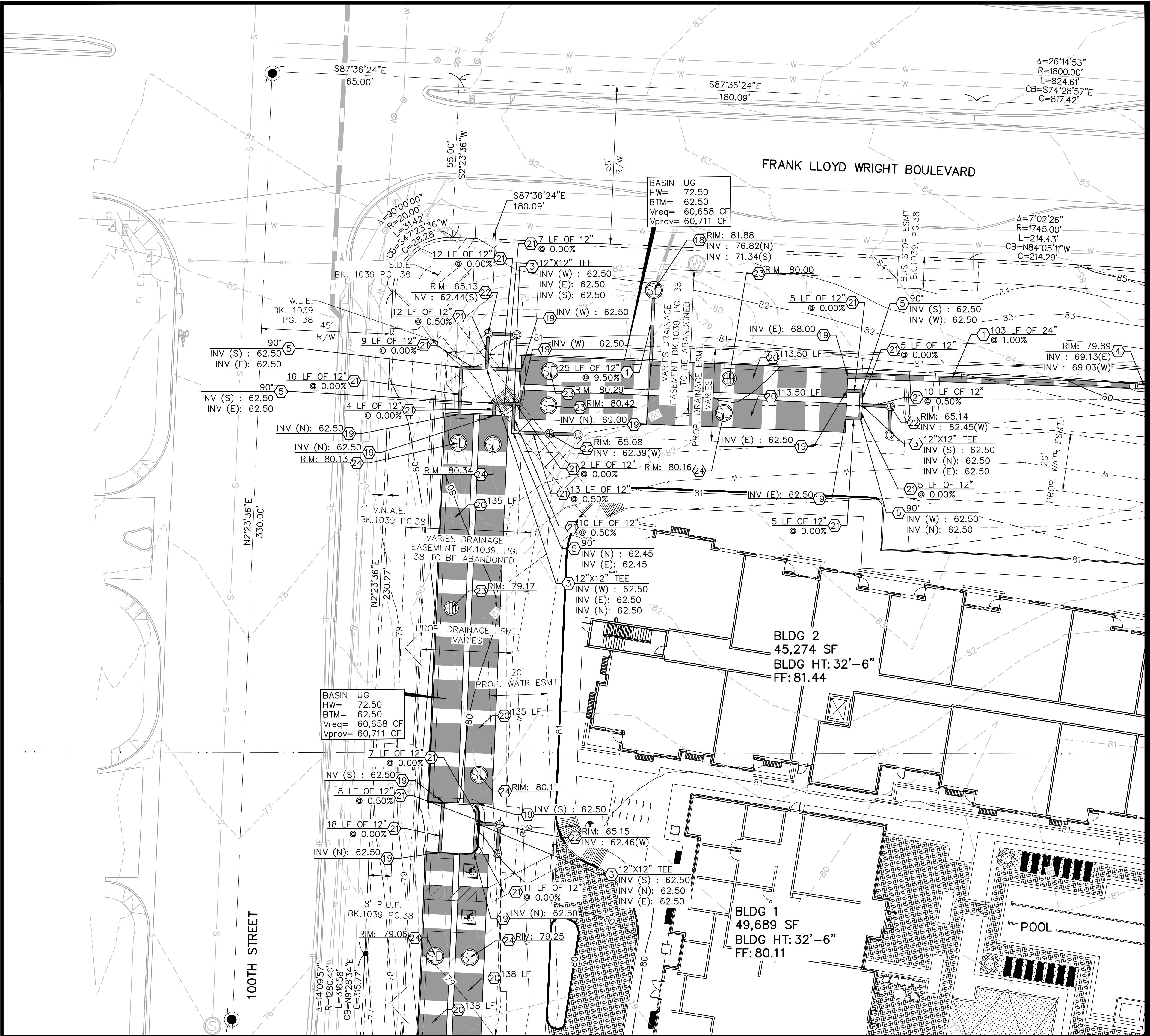
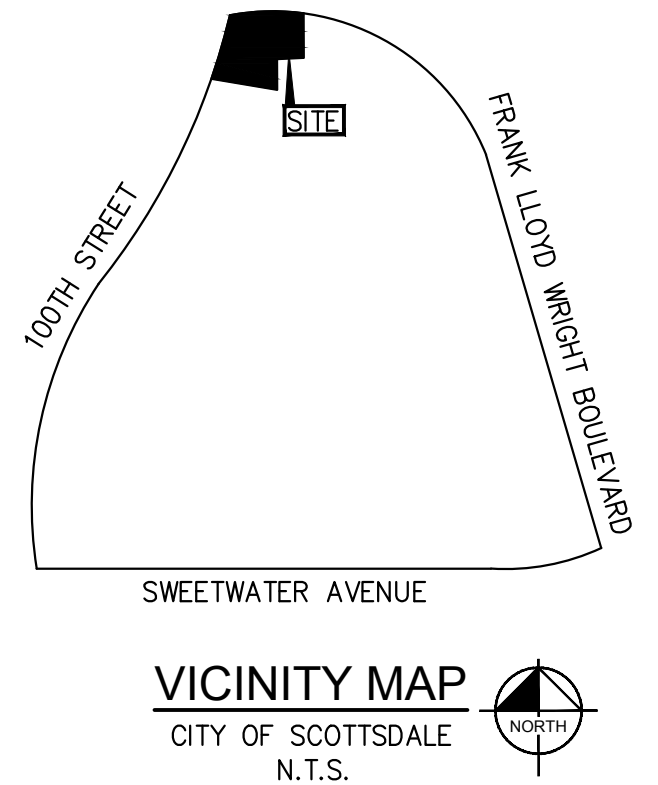


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MATCHLINE SEE SHEET 15



**STORM DRAIN NOTES**

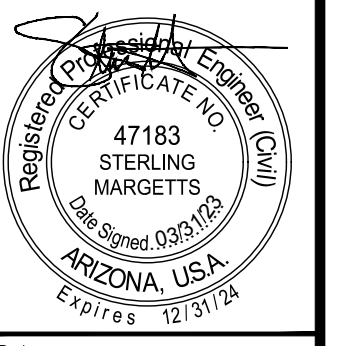
- ① INSTALL HDPE PIPE WITH WATERTIGHT JOINTS. LENGTH, SIZE AND SLOPE PER PLAN, BEDDING AND BACKFILL PER DETAIL ON SHEET 29.
- ③ INSTALL HDPE TEE. SIZE AND INVERT PER PLAN.
- ④ INSTALL CATCH BASIN PER MAG STD DET 534. MODIFY WALLS AND BOTTOM TO BE 8" THICK WITH #5 REBAR AT 12" O.C. WHEN DEEPER THAN 5 FEET. RIM AND INVERT ELEVATIONS PER PLAN.
- ⑤ INSTALL HDPE BEND, ANGLE AND INVERT PER PLAN. SIZE TO MATCH ADJACENT PIPE.
- ⑧ INSTALL 5' DIAMETER STORM DRAIN MANHOLE PER MAG STD DET 520. RIM AND INVERT PER PLAN.
- ⑨ STORM DRAIN CONNECTION TO UNDERGROUND RETENTION TANK. INVERT PER PLAN.
- ⑩ INSTALL 120" CMP GAUGE 14 ALUMINIZED TYPE 2 UNDERGROUND RETENTION TANK. LENGTH PER PLAN. DETAIL ON SHEET 29.
- ⑪ INSTALL 12" CMP CONECTOR PIPES BETWEEN UNDERGROUND RETENTION TANKS AND DRYWELL. BEDDING AND BACKFILL PER MANUFACTURER'S RECOMMENDATIONS.
- ⑫ INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET 29. RIM AND INVERT PER PLAN.
- ⑬ INSTALL GRATED UNDERGROUND RETENTION ACCESS RISER PER DETAIL ON SHEET 29. GRATE SHALL BE SECURED WITH CHAIN. RIM PER PLAN.
- ⑭ INSTALL UNDERGROUND RETENTION ACCESS RISER PER DETAIL ON SHEET 29. RIM PER PLAN.

**Kimley»Horn** © 2023  
 1001 West Southern Avenue, Suite 131  
 Mesa, Arizona 85210 (480)207-2666



SEC FRANK LLOYD WRIGHT BOULEVARD & 100TH STREET  
**STORM DRAIN PLAN**  
 SCOTTSDALE, ARIZONA

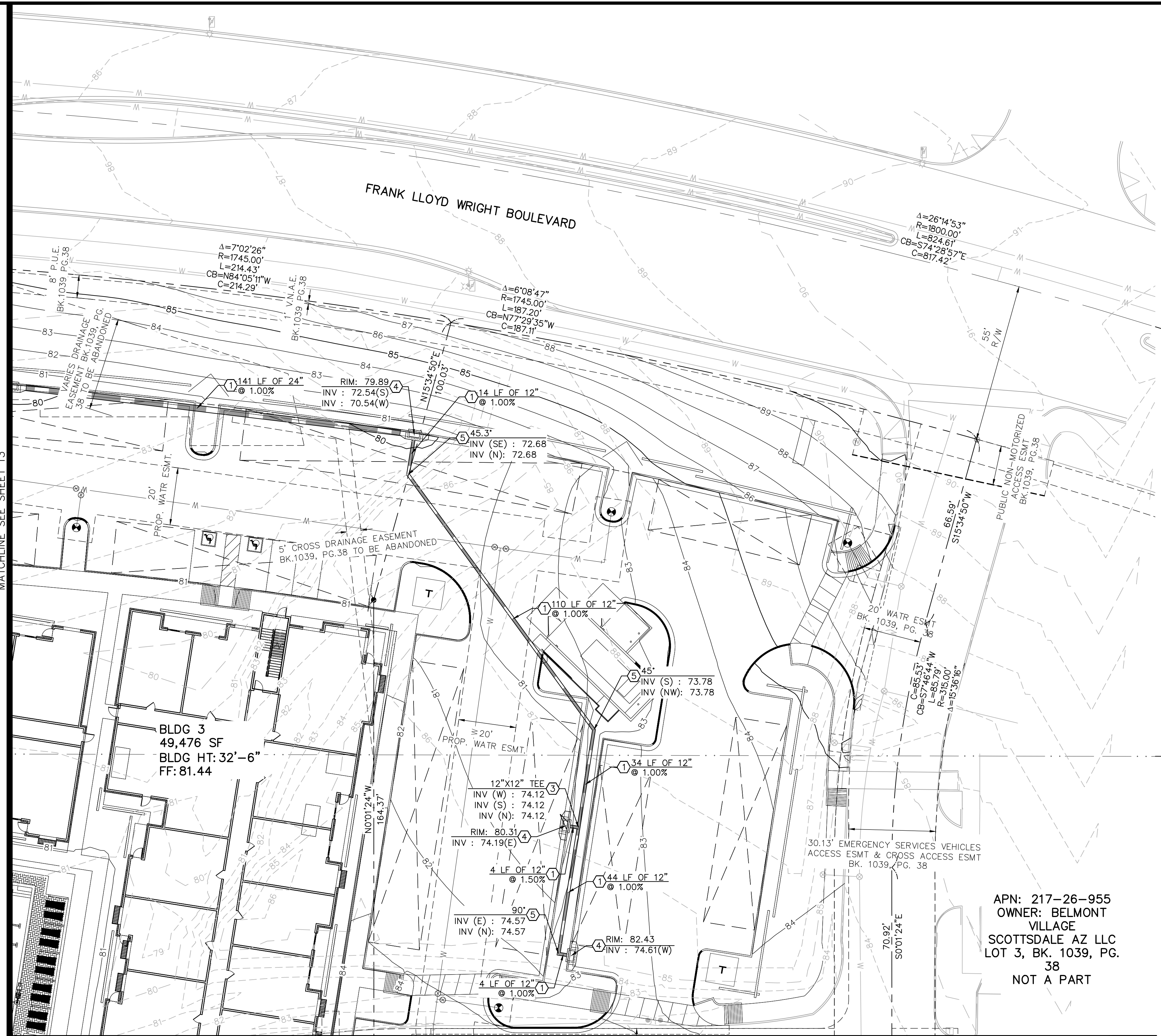
PROJECT No. 291753000
SCALE (H): 1"=20'
SCALE (V): NONE
DRAWN BY: AMF
DESIGN BY: AMF
CHECK BY: STM
DATE: 03/31/2023



GRAPHIC SCALE IN FEET 0 10 20 40  
  
 CALL TWO WORKING DAYS BEFORE YOU DIG  
**602-263-1100**  
**1-800-STAKE-IT**  
 (OUTSIDE MARICOPA COUNTY)

REV	DESCRIPTION	BY	DATE	APPR

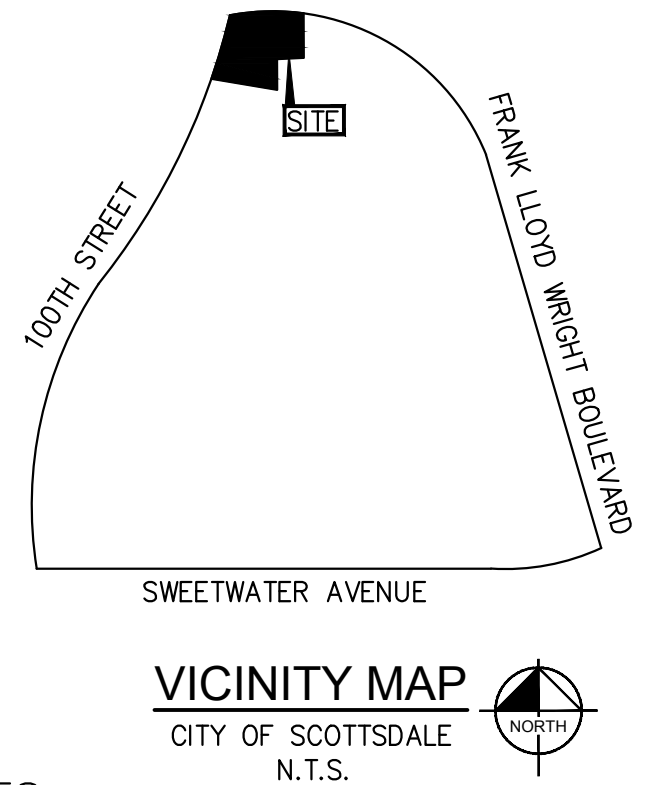
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CALCULATED POSITION  
NOTHING FND OR SET  
PER BK. 1039, PG. 38

SECTION LINE:  
SOUTH LINE OF SOUTHEAST QUARTER OF SECTION 8  
NORTH LINE OF NORTHEAST QUARTER OF SECTION 17

APN: 217-26-955  
OWNER: BELMONT VILLAGE  
SCOTTSDALE AZ LLC  
LOT 3, BK. 1039, PG. 38  
NOT A PART




**STORM DRAIN NOTES**

- 1 INSTALL HDPE PIPE WITH WATERTIGHT JOINTS. LENGTH, SIZE AND SLOPE PER PLAN, BEDDING AND BACKFILL PER DETAIL ON SHEET 29.
- 2 INSTALL HDPE TEE. SIZE AND INVERT PER PLAN.
- 3 INSTALL CATCH BASIN PER MAG STD DET 534. MODIFY WALLS AND BOTTOM TO BE 8" THICK WITH #5 REBAR AT 12" O.C. WHEN DEEPER THAN 5 FEET. RIM AND INVERT ELEVATIONS PER PLAN.
- 4 INSTALL HDPE BEND, ANGLE AND INVERT PER PLAN. SIZE TO MATCH ADJACENT PIPE.

MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 16



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SEC FRANK LLOYD WRIGHT BOULEVARD & 100TH STREET

**STORM DRAIN PLAN**

SCOTTSDALE, ARIZONA

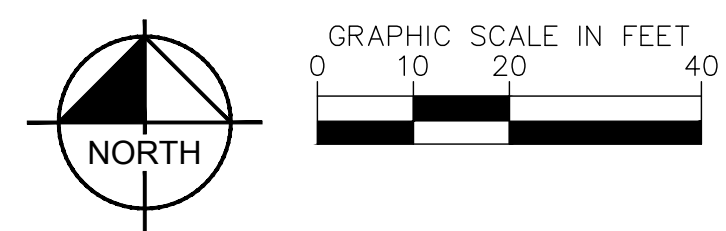
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SCALE (V): NONE
DRAWN BY: AMF
DESIGN BY: AMF
CHECK BY: STM
DATE: 03/31/2023



SD-2

14 OF 38 SHEETS



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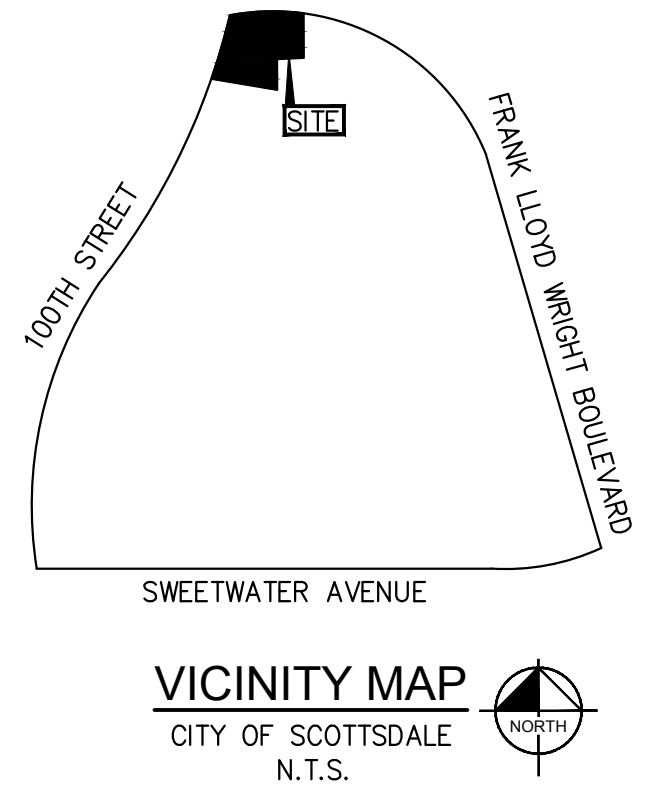
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**1-800-STAKE-IT**

(OUTSIDE MARICOPA COUNTY)

REV	DESCRIPTION	BY	DATE	APPR

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- STORM DRAIN NOTES**
- ① INSTALL HDPE PIPE WITH WATERTIGHT JOINTS. LENGTH, SIZE AND SLOPE PER PLAN, BEDDING AND BACKFILL PER DETAIL ON SHEET 29.
  - ③ INSTALL HDPE TEE. SIZE AND INVERT PER PLAN.
  - ④ INSTALL CATCH BASIN PER MAG STD DET 534. MODIFY WALLS AND BOTTOM TO BE 8" THICK WITH #5 REBAR AT 12" O.C. WHEN DEEPER THAN 5 FEET. RIM AND INVERT ELEVATIONS PER PLAN.
  - ⑤ INSTALL HDPE BEND, ANGLE AND INVERT PER PLAN. SIZE TO MATCH ADJACENT PIPE.
  - ⑬ STORM DRAIN CONNECTION TO UNDERGROUND RETENTION TANK. INVERT PER PLAN.
  - ⑰ INSTALL 120" CMP GAUGE 14 ALUMINIZED TYPE 2 UNDERGROUND RETENTION TANK. LENGTH PER PLAN. DETAIL ON SHEET 29.
  - ⑳ INSTALL 12" CMP CONECTOR PIPES BETWEEN UNDERGROUND RETENTION TANKS AND DRYWELL. BEDDING AND BACKFILL PER MANUFACTURER'S RECOMMENDATIONS.
  - ㉑ INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET 29. RIM AND INVERT PER PLAN.
  - ㉒ INSTALL GRATED UNDERGROUND RETENTION ACCESS RISER PER DETAIL ON SHEET 29. GRATE SHALL BE SECURED WITH CHAIN. RIM PER PLAN.
  - ㉓ INSTALL UNDERGROUND RETENTION ACCESS RISER PER DETAIL ON SHEET 29. RIM PER PLAN.
  - ㉔ INSTALL 1" SLOTTED DRAIN WITH 12" HDPE. LENGTH PER PLAN.

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**STORM DRAIN PLAN**

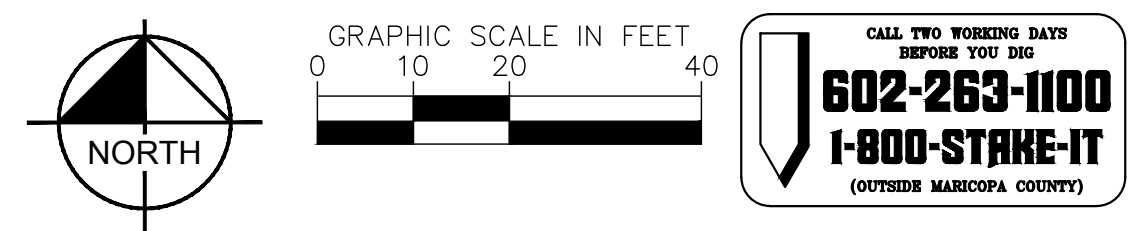
SCOTTSDALE, ARIZONA

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PROJECT No. 291753000
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SCALE (V): NONE
DRAWN BY: AMF
DESIGN BY: AMF
CHECK BY: STM
DATE: 03/31/2023

SD-3

15 OF 38 SHEETS



CALL TWO WORKING DAYS BEFORE YOU DIG

**602-263-1100**

**1-800-STAKE-IT**

(OUTSIDE MARICOPA COUNTY)

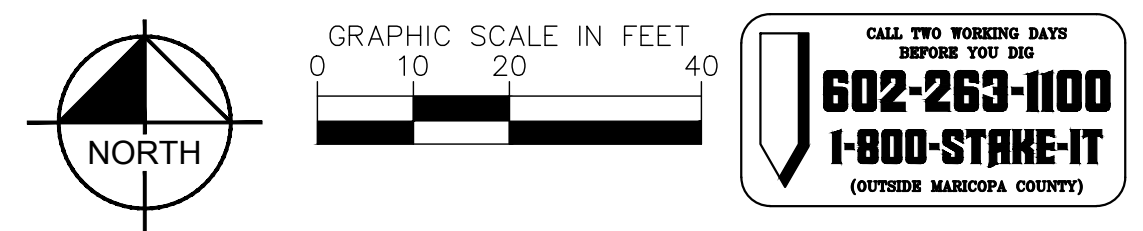
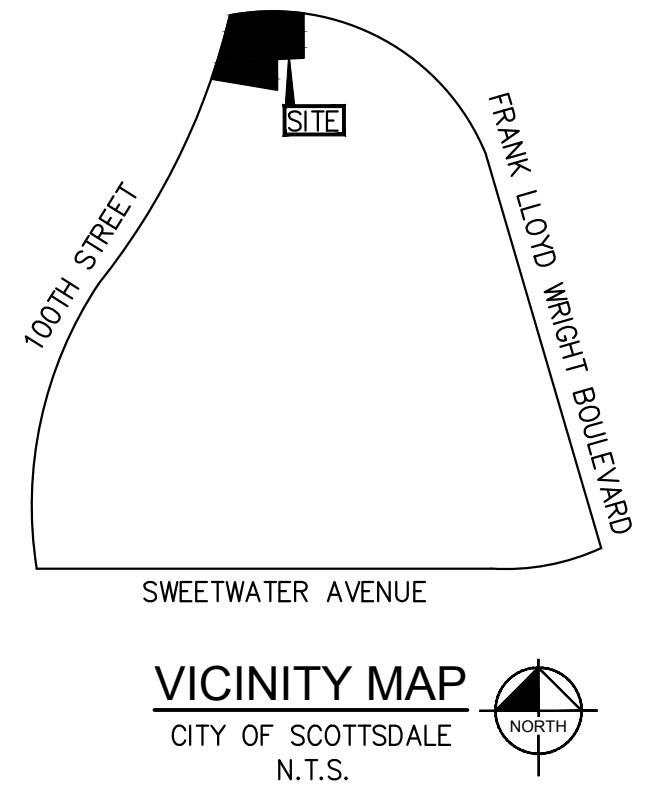
REV	DESCRIPTION	BY	DATE	APPR



APN: 217-26-955  
OWNER: BELMONT VILLAGE  
SCOTTSDALE AZ LLC  
LOT 3, BK. 1039, PG. 38  
NOT A PART

STORM DRAIN NOTES

53 INSTALL 1" SLOTTED DRAIN WITH 12" HDPE. LENGTH PER PLAN.



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HEADWATERS GROUP

STORM DRAIN PLAN

SCOTTSDALE, ARIZONA

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SEC FRANK LLOYD WRIGHT BOULEVARD & 100TH STREET

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PROJECT No. 291753000
SCALE (H): 1"=20'
SCALE (V): NONE
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DESIGN BY: AMF
CHECK BY: STM
DATE: 03/31/2023

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SD.dwg  
SD-4  
16 OF 38 SHEETS

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