

NEC BRIGHT ANGEL & MICHELLI CREST IMPROVEMENT PLANS

FOR MSM 25-600036

CLARK COUNTY
STATE OF NEVADA
APN #126-25-601-002
2.06 GROSS/NET ACRES
2 LOT (RESIDENTIAL)

PROJECT
LOCATION



VICINITY MAP



SCALE: NTS

APPROVED FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	APP.

JEFFREY FOUTZ

5841 E. CHARLESTON BLVD. #230-305
LAS VEGAS, NEVADA 89142

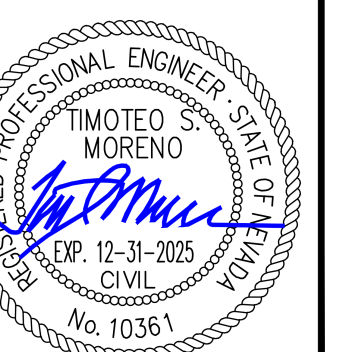
TIM S. MORENO, P.E.

MORENO PEC
12273 TERRACE VERDE AVENUE
LAS VEGAS, NV 89138
PH: (702) 682-7041
tim@morenopec.com

COVERSHEET
NEC BRIGHT ANGEL & MICHELLI CREST
MSM 25-600036

APN 126-25-601-002
CLARK COUNTY, NEVADA

PROJECT NO.
28-005



05/07/2025

SHEET ID
C1.01
1 of 4 SHEETS

Sheet List Table	
NUMBER	TITLE
C1.01	COVERSHEET
C1.02	GENERAL NOTES & QUANTITIES
C2.01	GRADING PLAN
C5.01	DETAILS AND SECTIONS

FEMA FLOOD PLAIN INFORMATION

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY-PANEL NUMBER 32003C1750C, EFFECTIVE DATE SEPTEMBER 27, 2002, THE SITE IS LOCATED WITHIN A ZONE "X". A ZONE "X" IS DESCRIBED BY FEMA AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

LEGAL DESCRIPTION

THE SOUTH HALF (S 1/2) OF THE WEST HALF (W 1/2) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 25, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D. B. AND M.

EXCEPTING THEREFROM THE WEST THIRTY FEET (30.00') AND THE SOUTH THIRTY FEET (30.00'); ALSO TOGETHER WITH A SPANDREL AREA IN THE SOUTHWEST CORNER THEREOF, BEING THE NORTHEAST CORNER OF THE INTERSECTION OF ORNELIS STREET AND AZURE AVENUE, BOUNDED AS FOLLOWS:

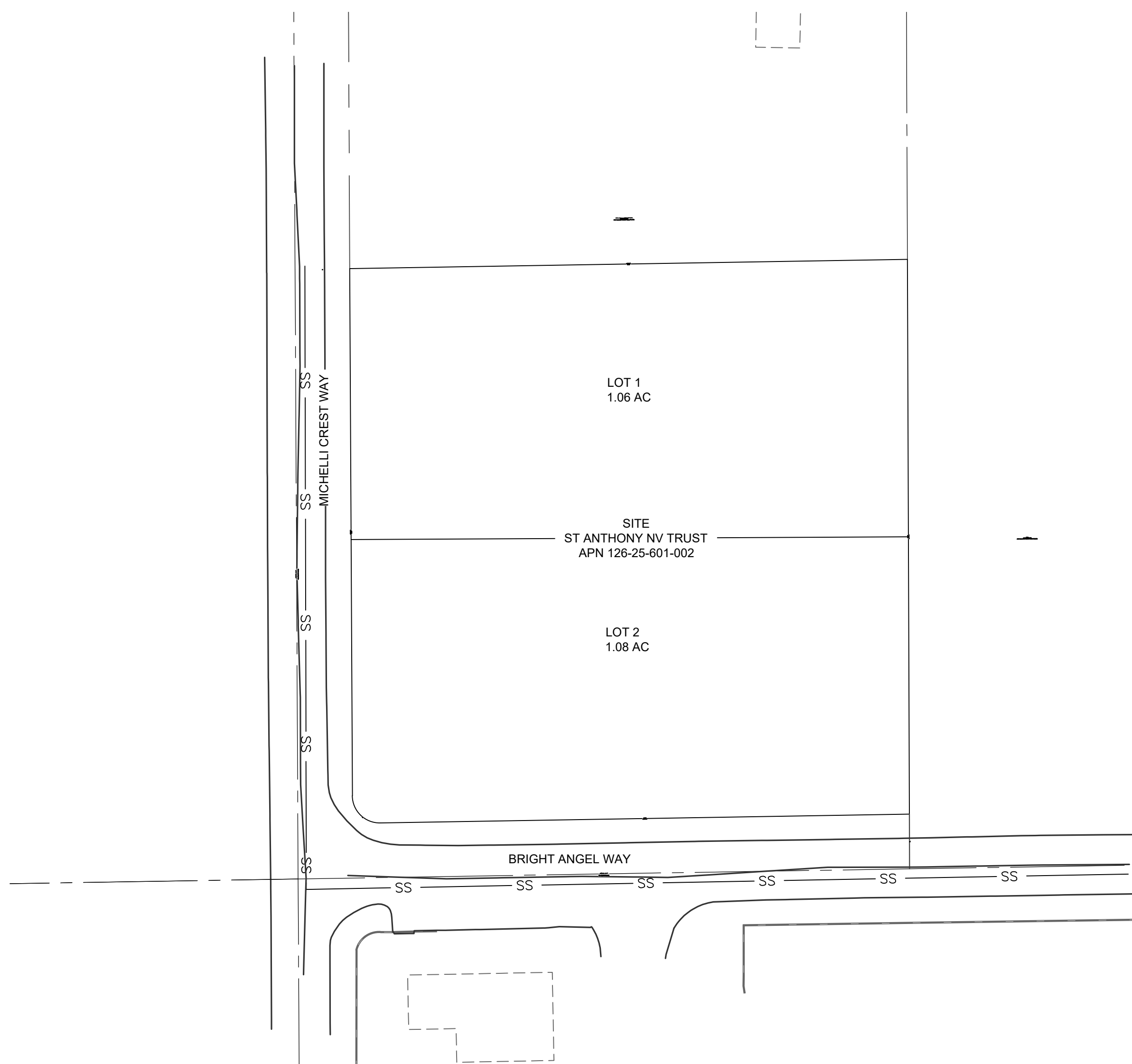
ON THE WEST BY THE EAST LINE OF THE WEST THIRTY FEET (30.00') THEREOF AND ON THE SOUTH BY THE NORTH LINE OF THE SOUTH THIRTY FEET (30.00') THEREOF; AND ON THE NORTHEAST BY THE ARC OF A CURVE CONCAVE NORTHEASTERLY, HAVIG A RADIUS OF FIFTEEN FEET (15.00') AND BEING TANGENT TO THE EAST LINE OF THE WEST THIRTY FEET (30.00') AND TANGENT TO THE NORTH LINE OF THE SOUTH THIRTY FEET (30.00'), AS CONVEYED TO CLARK COUNTY, NEVADA BY DEED RECORDED OCTOBER 19, 1979 AS DOCUMENT NO. 1095295, OFFICIAL RECORDS.

BENCHMARK

6LV99 25E6
RIVET & PLATE IN CONCRETE VAULT (TEL.) NW CORNER EGAN CREST WAY & TROPICAL PKWY 52' NW OF PL.
DATUM NAVD88
849.40 (M)
2786.74 (USFT)

BASIS OF BEARING

NORTH 89°05'07" EAST BEING THE BEARING OF THE SOUTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 25, T. 19 S., R. 59 E., M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN FINAL MAP KNOWN AS "CONSTELLATION ESTATES" ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN BOOK 102 OF PLATS, AT PAGE 92.



SITE MAP



SCALE: NTS

OWNER/DEVELOPER

JEFFREY FOUTZ
5841 E. CHARLESTON BLVD, SUITE 230-3051
LAS VEGAS, NV 89142
PHONE: (702)364-8027
FAX: (702)364-4925
EMAIL:

ENGINEER

MORENO PROFESSIONAL ENGINEERING CONSULTANT
12273 TERRACE VERDE AVENUE
LAS VEGAS, NEVADA 89138
PHONE: (702) 682-7041
CONTACT: TIM S. MORENO, PE
EMAIL: TIM@MORENOPEC.COM

SOILS REPORT

SOUTHWEST GEOTECHNICAL
DATED: FEBRUARY 2, 2022
PROJECT NO. 211231

CITY OF LAS VEGAS ENGINEERING (SEWER ONLY)

DOC. # _____ FOR INTERLOCAL: _____

CLARK COUNTY FIRE DEPARTMENT

DATE

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 3,250 GPM AT 20 PSI RESIDUAL.

NEVADA POWER d.b.a. NV ENERGY

DATE

NEVADA POWER d.b.a. NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICES TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER d.b.a. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

CENTRAL TELEPHONE CO. d.b.a. CENTURYLINK

DATE

"THE AFFIXED CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS."

COX COMMUNICATIONS LAS VEGAS, INC.

DATE

SOUTHWEST GAS CORPORATION

SWG UID

DATE

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT PLANNING & ENGINEERING SERVICES

DATE

PROJECT No. XXXXX FIRST APPROVAL DATE: _____

LVVWD APPROVED FIRE FLOW: TOTAL Ω GPM/ONSITE Ω GPM SHEETS:

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



GENERAL NOTES

- 1. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND OF INGRESS AND EGRESS TO SAID CONSTRUCTION.
2. LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM INFORMATION RECEIVED FROM THE APPLICABLE UTILITY COMPANIES.
3. ALL WORK AUTHORIZED BY THIS PLAN SHALL CONFORM TO THE "UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA, NEVADA" AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS", LATEST REVISION.

CLARK COUNTY DEPARTMENT OF PUBLIC WORKS

- 1. INSPECTIONS ARE REQUIRED. CALL 24 HOURS IN ADVANCE. 702-455-4610. THE PERMIT, APPROVED PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.
2. EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
3. CURB AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.

CLARK COUNTY TRAFFIC NOTES

- 1. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
2. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE.
3. ALL CONSTRUCTION SIGNAGE, BARRICADING AND PAVEMENT MARKINGS SHALL CONFORM TO THE "NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK" - 1986, AND TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", CURRENT EDITION.

FIRE DEPARTMENT GENERAL NOTES

- GENERAL:
A. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CLARK COUNTY FIRE CODE AS AMENDED, THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS (UDACS) AS ADOPTED BY CLARK COUNTY AND THE CURRENTLY ADOPTED EDITION OF NFPA 24.
B. FIRE HYDRANTS AND WATER SUPPLIES FOR FIRE PROTECTION SHALL BE INSTALLED, INSPECTED BY FIRE PREVENTION AND IN SERVICE PRIOR TO AND DURING THE TIME OF CONSTRUCTION IN ACCORDANCE WITH SECTION 3312 OF THE IFC, AS AMENDED.
C. IF DURING CONSTRUCTION IT BECOMES NECESSARY TO CLOSE ANY CONTROL VALVE OR PLACE A HYDRANT OUT OF SERVICE, APPROVAL SHALL BE OBTAINED FROM THE CDDP/PRIOR TO PLACING THE HYDRANT OUT OF SERVICE.

CITY OF LAS VEGAS SEWER NOTES

- 1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS, ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.

LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

- 1. NO WORK SHALL BEGUN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. LOGGING AND SIGNING APPROVALS SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS).
3. ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS RESPONSIBILITY OF THE OWNER OR THE ASSOCIATION OF HOME OWNERS IF NO OWNERS ASSOCIATION IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION.

CITY OF LAS VEGAS GENERAL NOTES

- 1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS, MATERIALS AND METHODS", LATEST EDITION, THE UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA, LATEST REVISED EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY.
2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED FROM THE RECORDS OF THE AVAILABLE RECORDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROXIMATE AND FOR RECORD PURPOSES, EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR.

ESTIMATED QUANTITIES

SEWER table with columns: DESCRIPTION, UNIT, QUANTITY (DEDICATED, PRIVATE). Rows include 8" PVC SS LINE, 6" PVC SS LINE, 6" C900 PVC SS LINE, 4" PVC SS LINE, CLEAN OUT, 48" SANITARY SEWER MANHOLE (> 6').

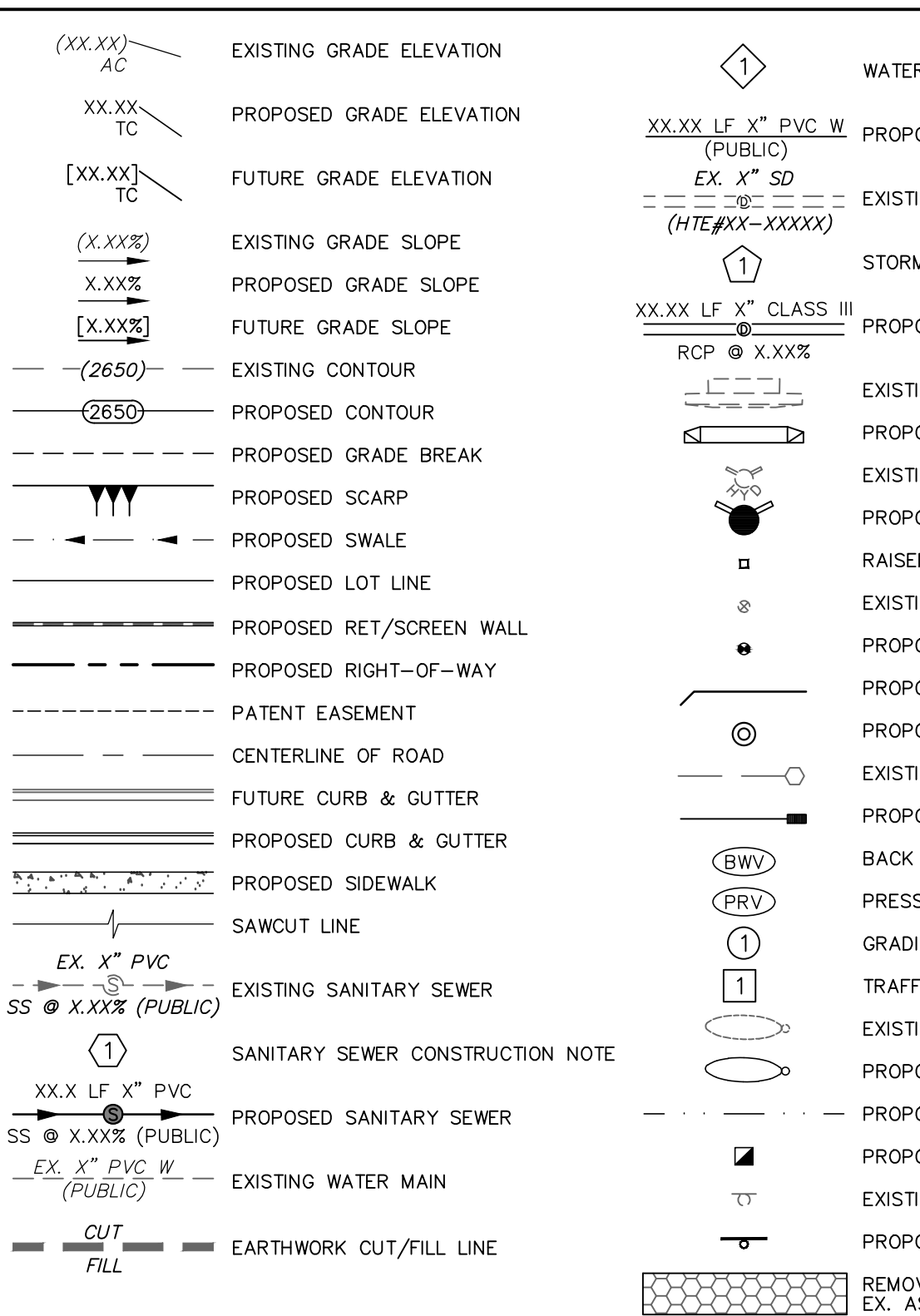
WATER table with columns: DESCRIPTION, UNIT, QUANTITY (DEDICATED, PRIVATE). Rows include WATER LATERAL, 8" PVC WATER, 6" PVC WATER, 6" DIP WATER, FIRE HYDRANT ASSEMBLY, 4" OCTAVE METER W/ 4" RPPA (DOM.), 1.5" WATER RPPA (IRR.), 10" RPDA.

ROADWAY table with columns: DESCRIPTION, UNIT, QUANTITY (DEDICATED, PRIVATE). Rows include 2" AC PAVEMENT, 3" AC PAVEMENT, TYPE II GRAVEL, "L" TYPE CURB & GUTTER, "A" CURB, CROSS GUTTER, 3' VALLEY GUTTER, 4-INCH CONCRETE SIDEWALK, WATER SERVICE TO LOTS, POWER TO LOTS, SURVEY MONUMENTS, ADA RAMPS.

TRAFFIC table with columns: DESCRIPTION, UNIT, QUANTITY (DEDICATED, PRIVATE). Rows include STREETLIGHT (STANDARD BASE), TRAFFIC PULLBOXES, 1-1/4" STREETLIGHT CONDUIT, STREET SIGNS.

DRAINAGE table with columns: DESCRIPTION, UNIT, QUANTITY (DEDICATED, PRIVATE). Rows include RIP-RAP D60=3", T=6", SIDEWALK UNDERDRAIN, CCAUSD #236.

LEGEND



ABBREVIATIONS

Table of abbreviations for materials (AC, BCR, BFE, BLDG, etc.), utility types (GM, GR, GATE VALVE, etc.), and construction elements (RCB, RCP, ROW, etc.).

CONTRACTOR QUANTITIES NOTE:

QUANTITIES SHOWN ARE APPROXIMATIONS BASED ON BOND ESTIMATE CALCULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR CALCULATING THE EXACT QUANTITIES NECESSARY TO CONSTRUCT THE PROJECT BASED ON THE IMPROVEMENT PLANS AND THE FIELD CONDITIONS. RESPONSIBLE PERSON IN CHARGE PRIOR TO SUBMITTAL OF BID FOR CLARIFICATION ON ANY POSSIBLE DISCREPANCIES WITHIN THE PROVIDED IMPROVEMENT PLANS.

STORM WATER POLLUTION PREVENTION PLAN (S.W.P.P.P.)

- 1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT.
2. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
3. FOR STORMY WHEN EXCAVATING (INCLUDING SAW CUTS) THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO OFFSITE INSPECTION AND TESTING CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.

APPROVED FOR CONSTRUCTION

PROJECT NO. ----- FIRST APPROVAL DATE: _____

LAS VEGAS VALLEY WATER DISTRICT PLANNING & ENGINEERING SERVICES DATE

PROJECT NO. ----- FIRST APPROVAL DATE: _____

SOUTHERN NEVADA - SOUTHWEST GAS CORPORATION GENERAL NOTES

- 1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020.
2. MINIMUM HORIZONTAL AND VERTICAL CLEARANCES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND UTILITIES AND/OR STRUCTURES, INCLUDING, BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, AND OTHER UNDERGROUND, AND ELECTRIC SHALL BE AT LEAST 12-INCHES OR GREATER AS DICTATED BY LOCAL CODES AND STANDARDS.
3. FOR VERTICAL ADJUSTMENT CONTACT 702-528-7881 14 DAYS PRIOR TO CONSTRUCTION.
4. IN THE EVENT OF A NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND STRUCTURES CONTACT 702-365-2099.

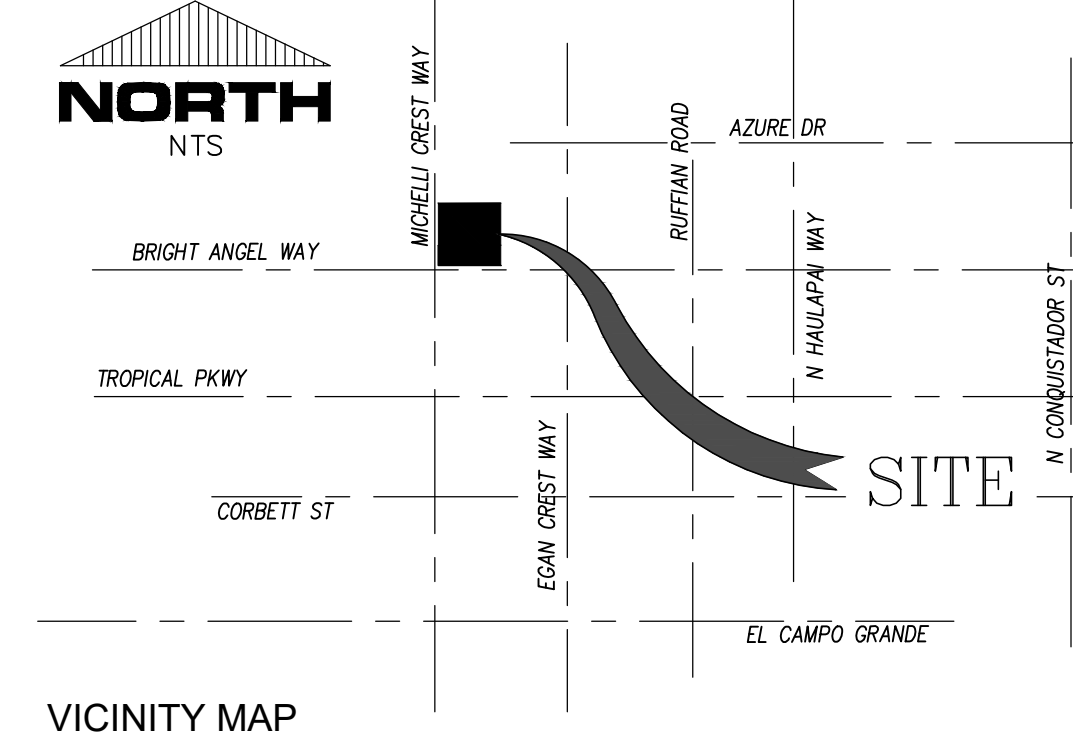
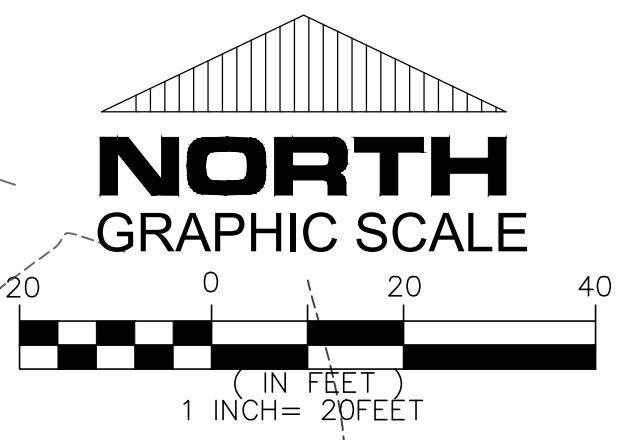
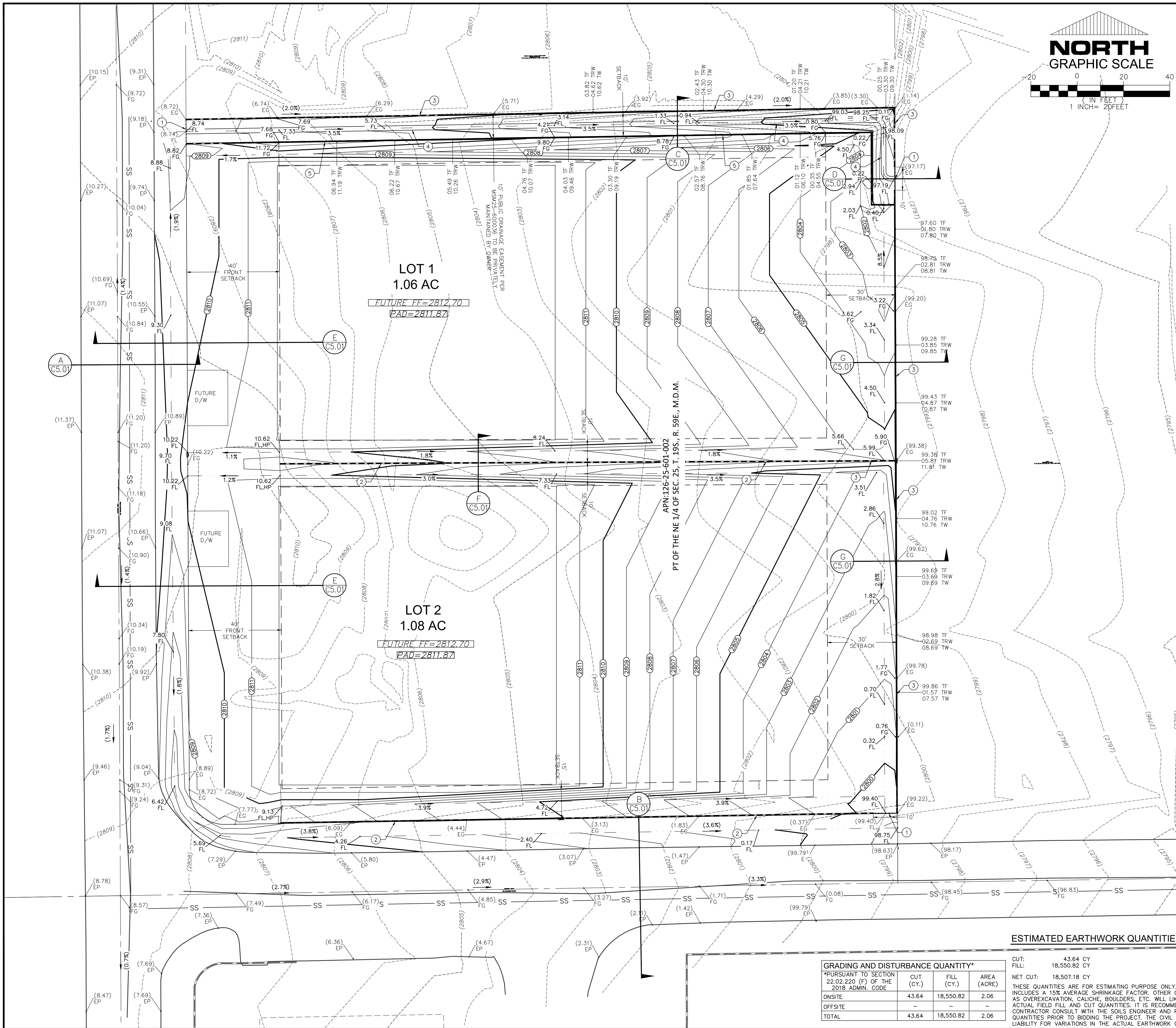
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Call before you Dig logo with phone numbers 1-800-642-2444 and 1-702-227-2929.

Table with columns: REVISIONS, NO., DATE, DESCRIPTION. Includes revision 1: SHEET 1 OF 4 SHEETS, 05/07/2025.

Vertical text on the right side of the page: JEFFREY FOUTZ, TIM S. MORENO, P.E., GENERAL NOTES & QUANTITIES, NEC BRIGHT ANGEL & MICHELLI CREST, MSM 25-600036, APN 126-25-601-002, CLARK COUNTY, NEVADA.



- CONSTRUCTION NOTES**
- CONSTRUCT 6' TALL WROUGHT IRON FENCE PER DETAIL 1/C5.01.
 - CONSTRUCT CMU SCREEN WALL. SEE STRUCTURAL PLANS, PERMITTED BY OTHERS.
 - CONSTRUCT CMU RETAINING WALL AND SCREEN WALL COMBINED, PER STRUCTURAL PLANS, PERMITTED BY OTHERS.
 - INSTALL 3' WIDE CONC. VALLEY GUTTER PER DETAIL 2/C5.01.
 - CONSTRUCT CMU RETAINING WALL, SOLID GROUTED, SEE STRUCTURAL PLANS, PERMITTED BY OTHERS.

LEGEND NOTE
SEE SHEET C1.02 FOR LEGEND.

SOILS REPORT
SOUTHWEST GEOTECHNICAL
DATED: FEBRUARY 2, 2022
PROJECT NO. 211231

FEMA FLOOD PLAIN INFORMATION
ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY-PANEL NUMBER 32003C1750E, EFFECTIVE DATE SEPTEMBER 27, 2002, THIS SITE IS LOCATED WITHIN A ZONE "X", A ZONE "X" IS DESCRIBED BY FEMA AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

LEGAL DESCRIPTION
REFER TO SHEET C1.01 FOR LEGAL DESCRIPTION INFORMATION.

BENCHMARK
6LV99 25E6
RIVET & PLATE IN CONCRETE VAULT (TEL.) NW CORNER EGAN CREST WAY & TROPICAL PKWY 52' NW OF PL.
DATUM NAVD88
849.40 (M)
2786.74 (USFT)

BASIS OF BEARING
NORTH 89°05'07" EAST BEING THE BEARING OF THE SOUTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 25, T. 19 S., R. 59 E., M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN FINAL MAP KNOWN AS "CONSTELLATION ESTATES" ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN BOOK 102 OF PLATS, AT PAGE 92.

CLARK COUNTY DEPARTMENT OF PUBLIC WORKS DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING

BY _____
ACCEPTANCE OF THESE PLANS FOR FILING 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 AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM THE CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERS DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

DRAINAGE STUDY
I CERTIFY THAT THIS GRADING CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT CLARK COUNTY PER PW44-12544

[Signature] 05/05/2025
TIMOTEO S. MORENO, PE #10361 DATE

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ESTIMATED EARTHWORK QUANTITIES

GRADING AND DISTURBANCE QUANTITY*			
*PURSUANT TO SECTION 22.02.220 (F) OF THE 2018 ADMIN. CODE	CUT (CY.)	FILL (CY.)	AREA (ACRE)
ONSITE	43.64	18,550.82	2.06
OFFSITE	-	-	-
TOTAL	43.64	18,550.82	2.06

CUT: 43.64 CY
FILL: 18,550.82 CY
NET CUT: 18,507.18 CY
THESE QUANTITIES ARE FOR ESTIMATING PURPOSE ONLY. THE FILL FIGURE INCLUDES A 15% AVERAGE SHRINKAGE FACTOR. OTHER CONSIDERATIONS SUCH AS OVEREXCAVATION, CALICHE, BOULDERS, ETC. WILL LIKELY AFFECT THE ACTUAL FIELD FILL AND CUT QUANTITIES. IT IS RECOMMENDED THAT THE CONTRACTOR CONSULT WITH THE SOILS ENGINEER AND PROVIDE HIS OWN FINAL QUANTITIES PRIOR TO BIDDING THE PROJECT. THE CIVIL ENGINEER ACCEPTS NO LIABILITY FOR VARIATIONS IN THE ACTUAL EARTHWORK QUANTITIES.

Call before you Dig
811
1-800-642-2444

Call before you Dig
1-702-227-2929

FAST
Call before you UnderGround.
1-702-432-5300

REVISIONS	NO.	DATE	DESCRIPTION	APP.

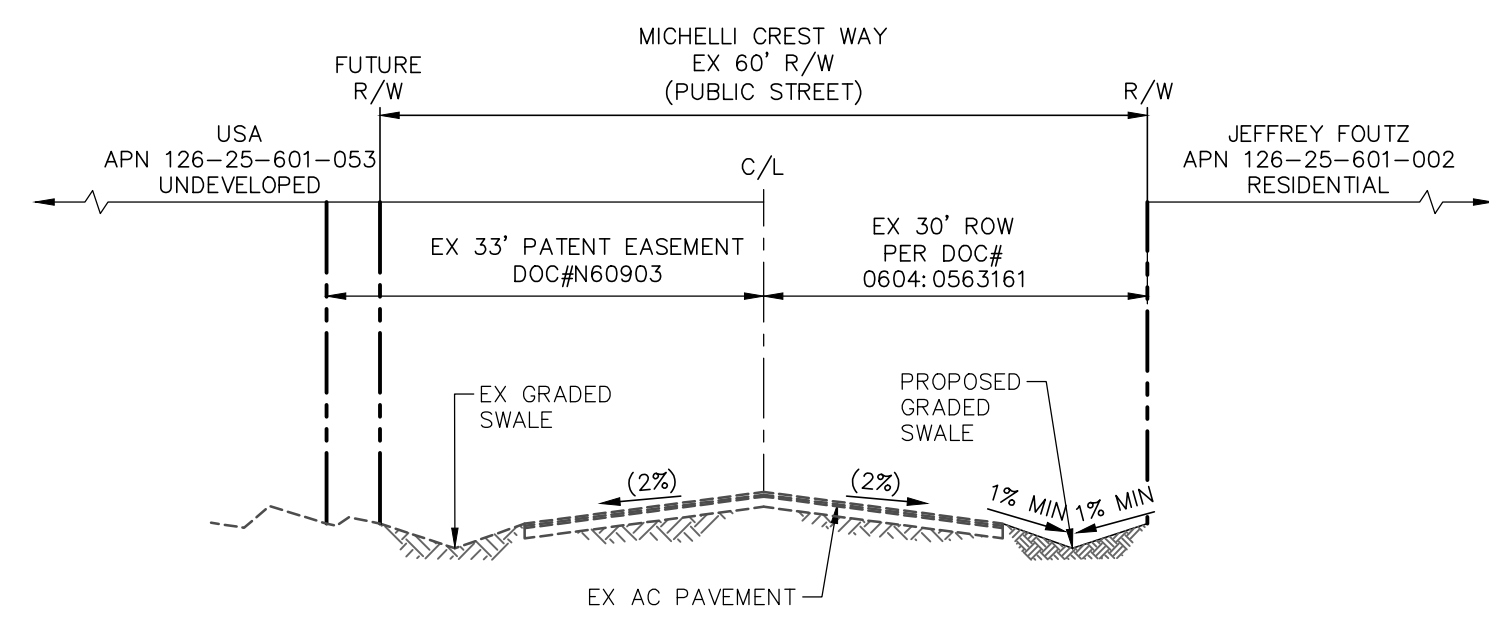
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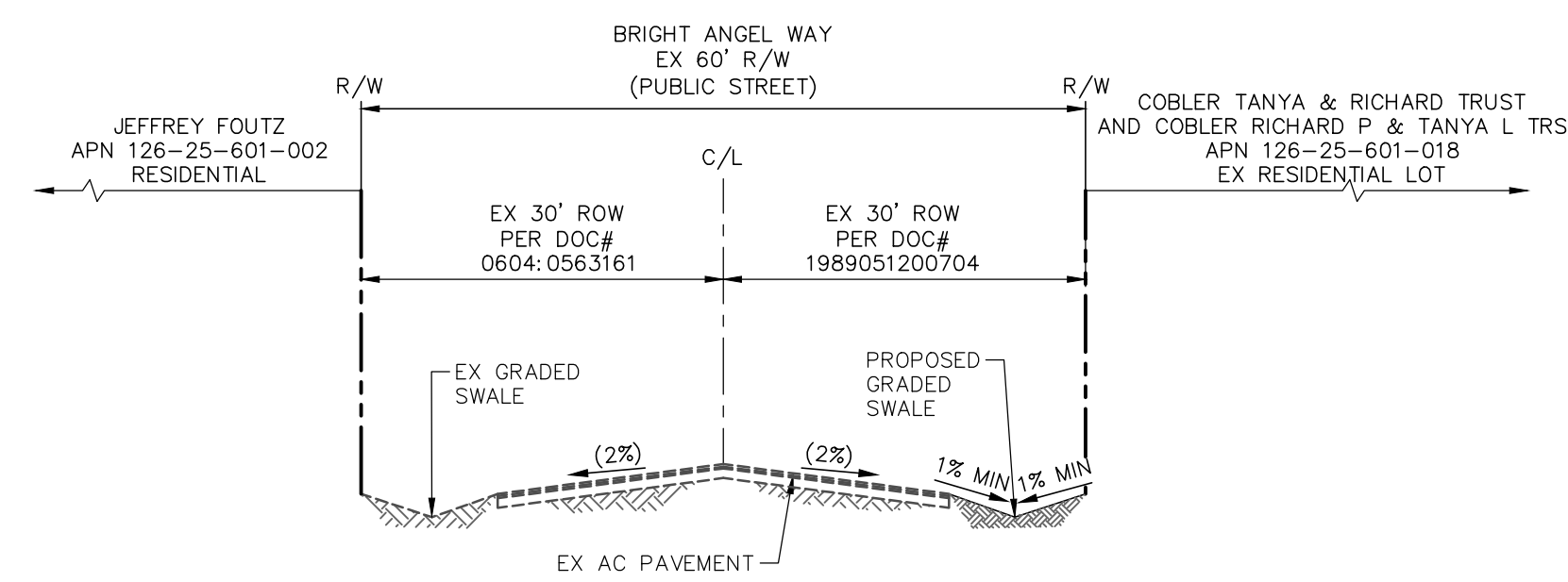
**GRADING PLAN
NEC BRIGHT ANGEL & MICHELLI CREST
MSM 25-600036
APN 126-25-601-002
CLARK COUNTY, NEVADA**

PROJECT NO. 28-005

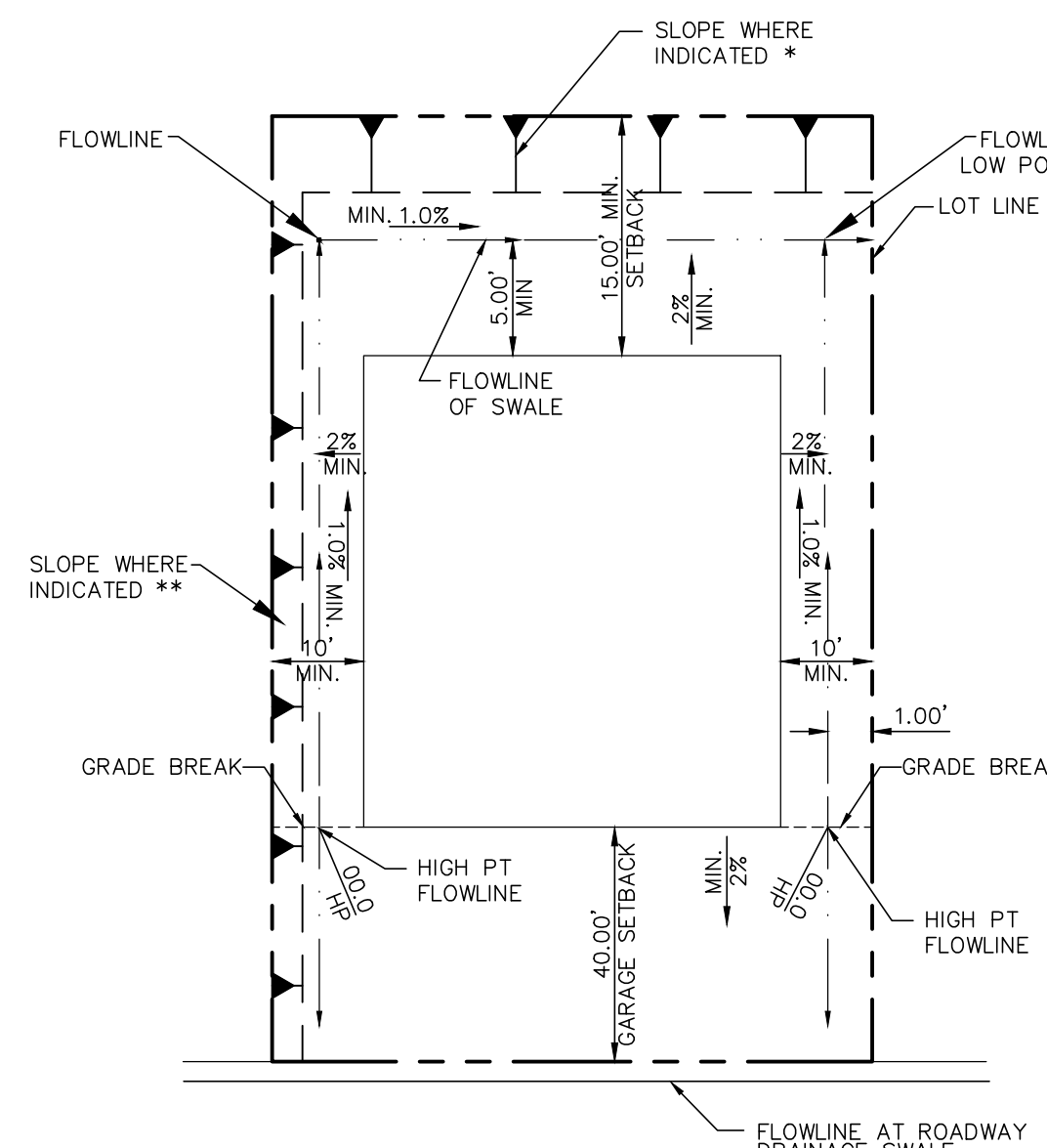
5/7/2025
SHEET ID **C2.01**
3 OF 4 SHEETS
PW -



A MICHELLI CREST WAY (PUBLIC STREET)
SCALE: N.T.S.

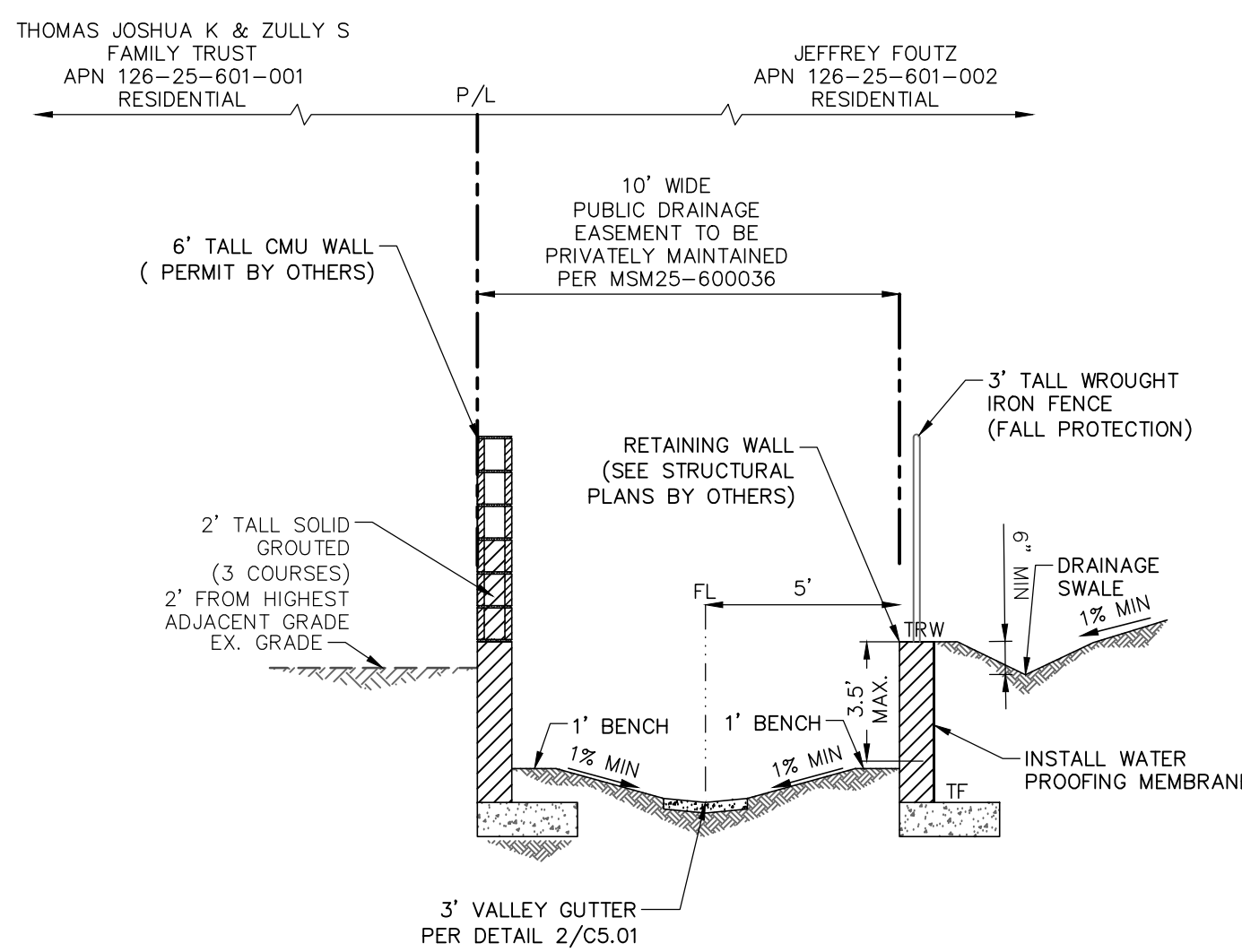


B BRIGHT ANGEL WAY (PUBLIC STREET)
SCALE: N.T.S.

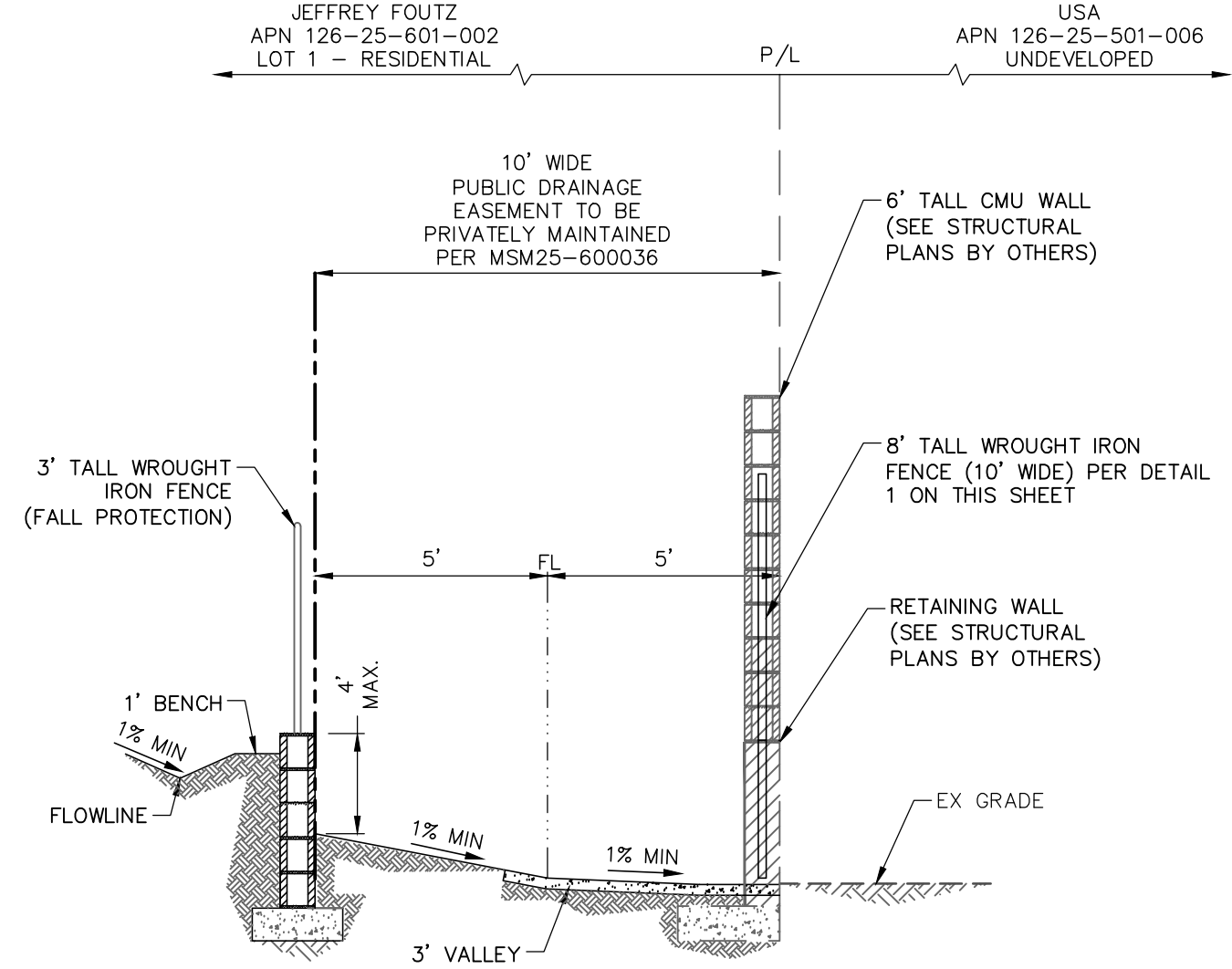


TYPICAL LOT GRADING
SCALE: N.T.S.

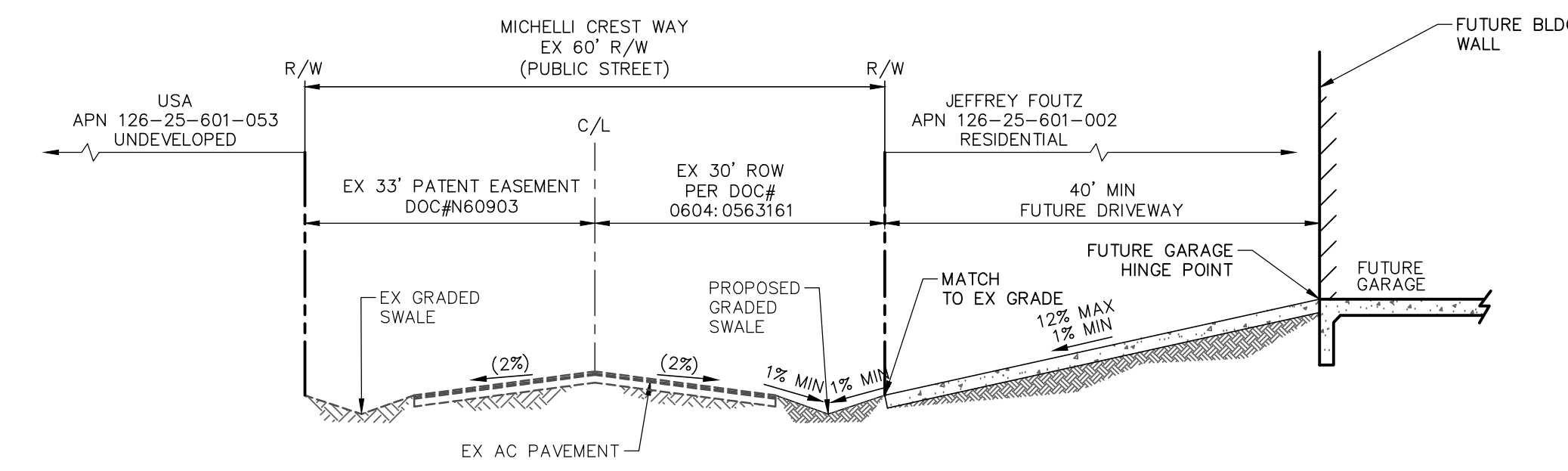
- GENERAL LOT GRADING NOTES:**
1. MAXIMUM REAR YARD SLOPE IS 2:1 AS SHOWN, EXCEPT THAT WITHIN 10' OF THE HOUSE, THE MAXIMUM SLOPE IS 12:1
 2. MAXIMUM SIDE YARD SLOPE IS 5:1 AS SHOWN, EXCEPT THAT WITHIN 3.5' OF THE HOUSE, THE MAXIMUM SLOPE IS 12:1
 3. FINISH SURFACE ELEVATION SHALL ALWAYS BE GRADED AWAY FROM THE BUILDING STRUCTURE.
 4. SLOPE % OF LANDSCAPE SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS REFERENCED IN THE PROJECT'S GEOTECHNICAL EVALUATION. IF NO REFERENCE IS MADE THEN THE LANDSCAPE SLOPE SHALL BE A MINIMUM OF 2% AWAY FROM THE BUILDING STRUCTURE.
 5. LANDSCAPE MAINTENANCE AND PLANTING ADJACENT TO THE BUILDING STRUCTURES SHALL BE IN ACCORDANCE WITH THE PROJECT'S GEOTECHNICAL EVALUATION.
 6. ALL GRADING OPERATIONS AND CONCRETE PLACEMENT OPERATIONS SHALL BE IN ACCORDANCE WITH THE PROJECT'S GEOTECHNICAL EVALUATION.



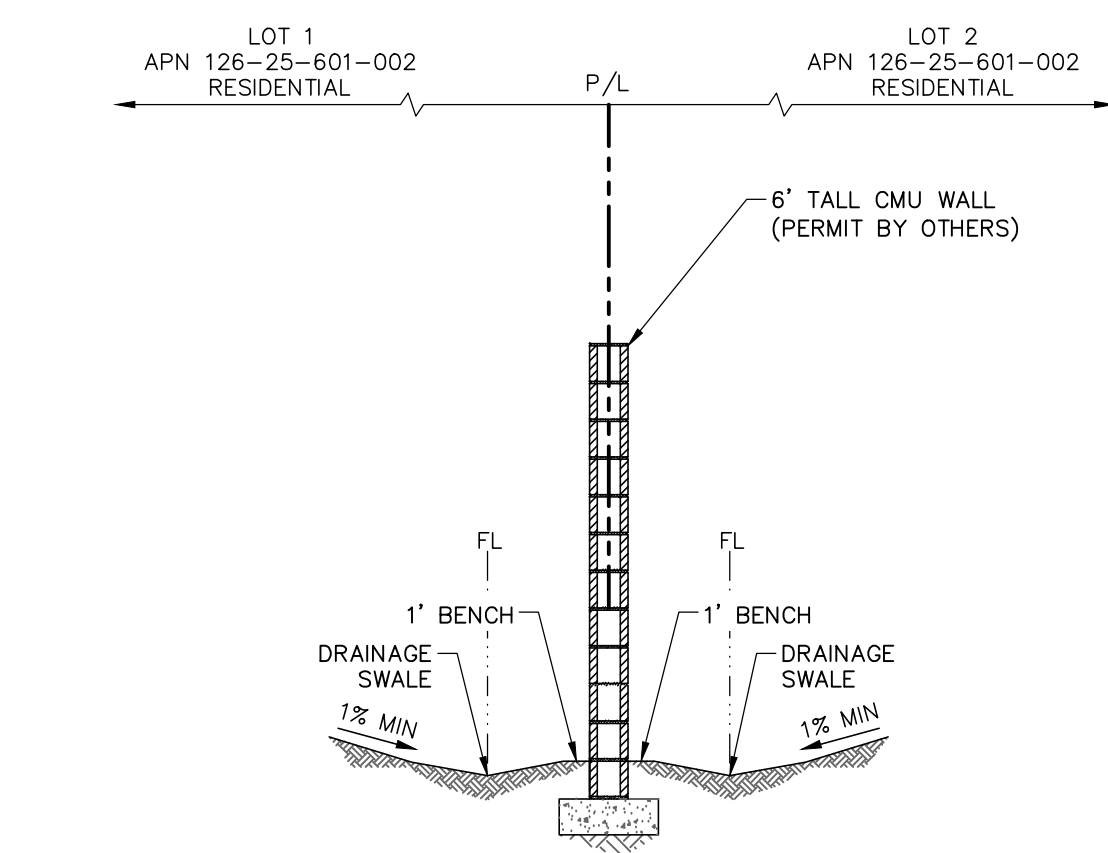
C PERIMETER WALL SECTION
SCALE: N.T.S.



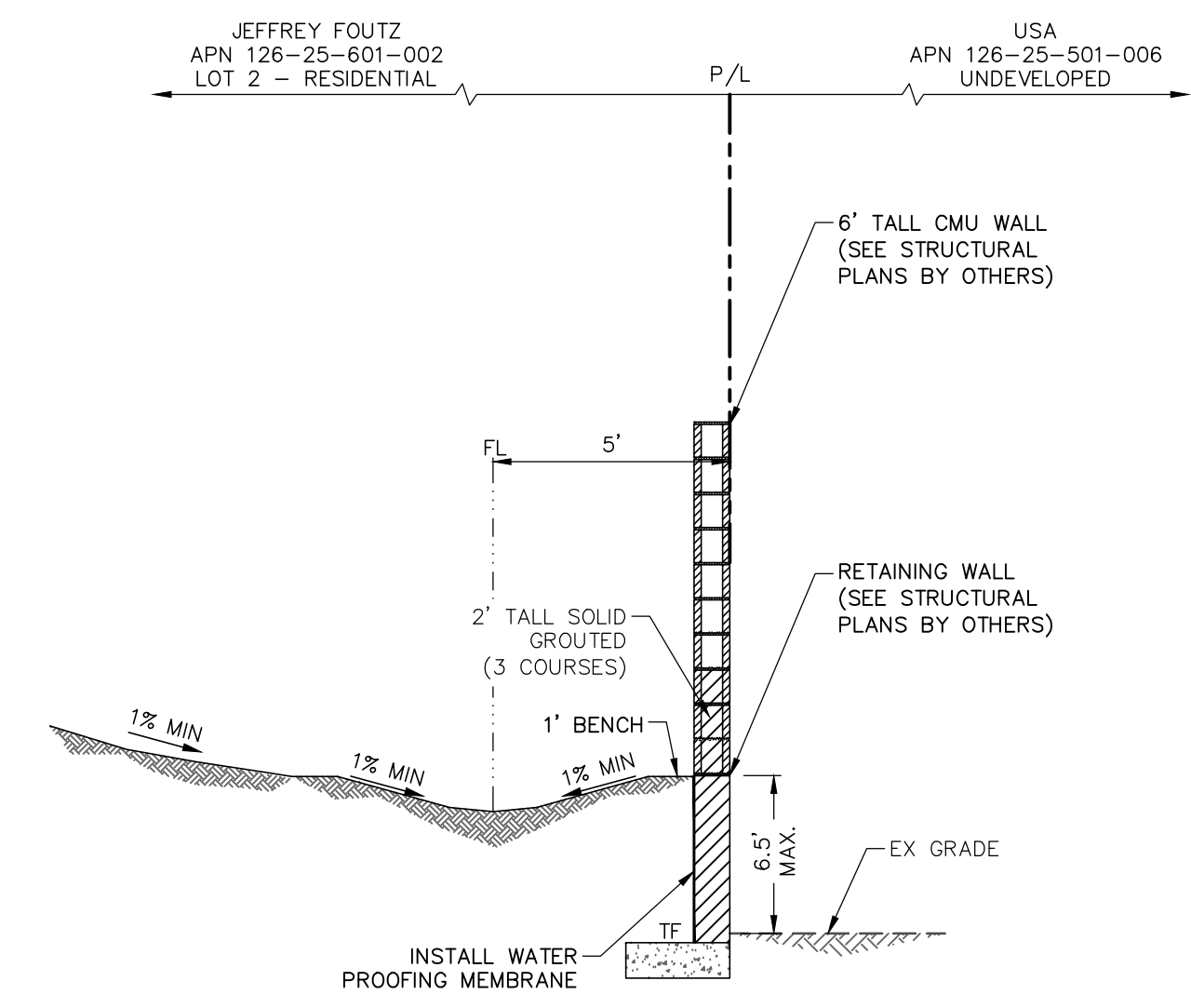
D PERIMETER WALL SECTION
SCALE: N.T.S.



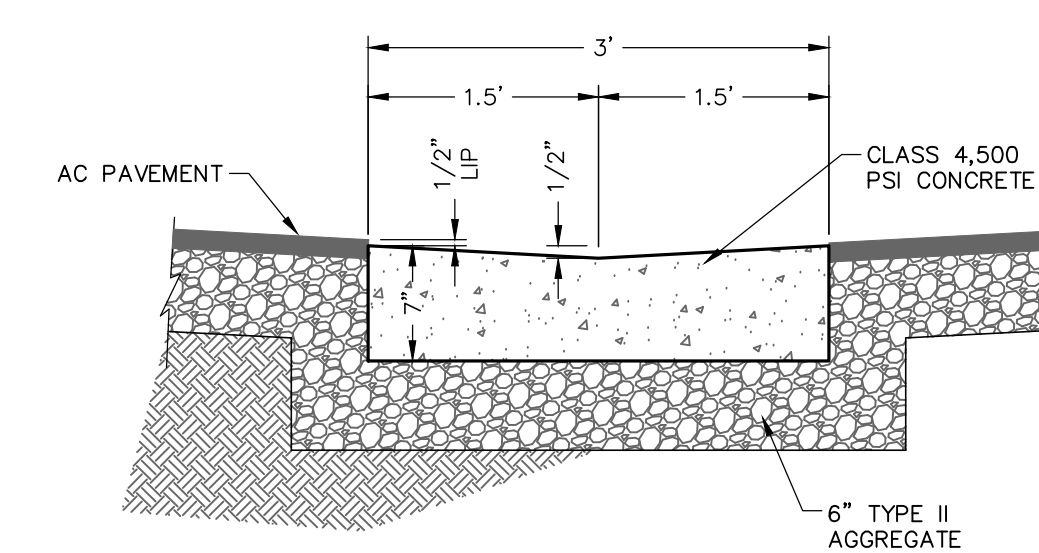
E FUTURE DRIVEWAY SLOPE
SCALE: N.T.S.



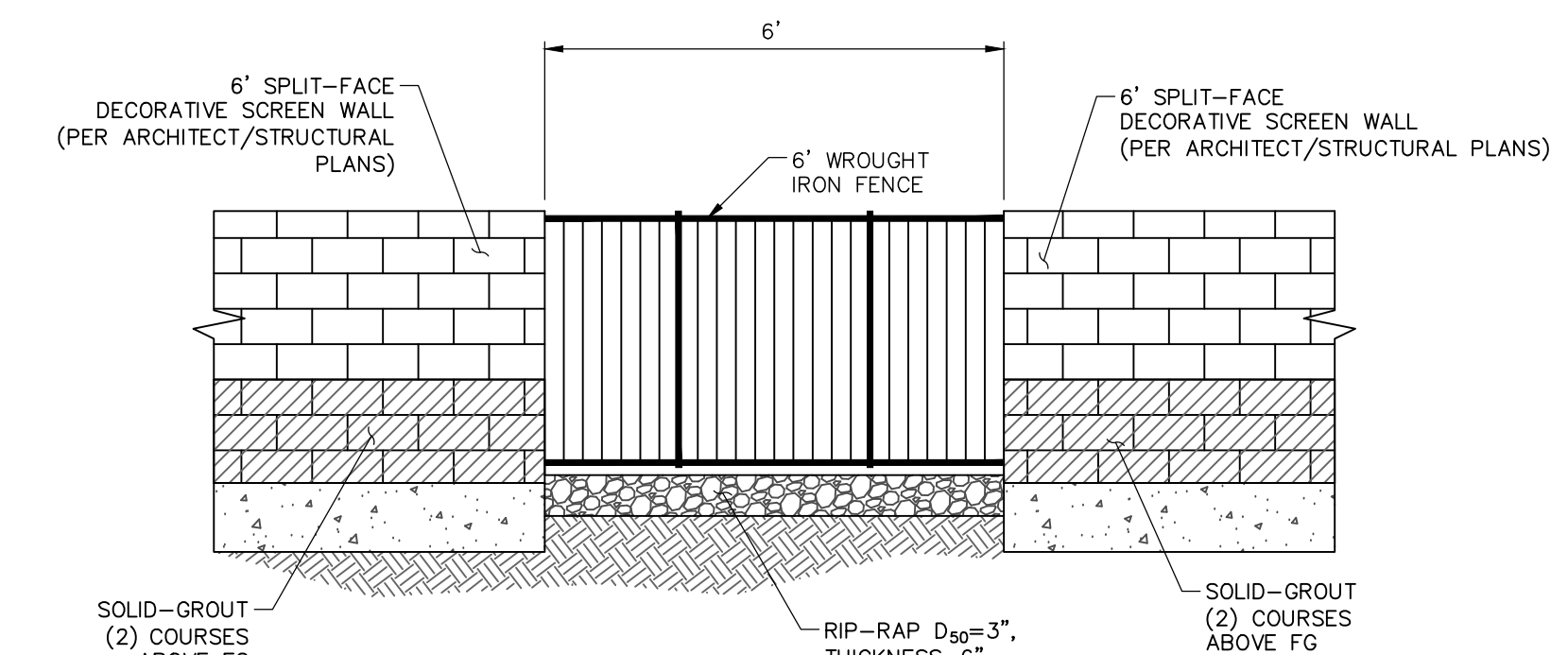
F INTERIOR WALL BETWEEN LOTS
SCALE: N.T.S.



G PERIMETER WALL SECTION
SCALE: N.T.S.



2 3' VALLEY GUTTER
SCALE: N.T.S.



1 WROUGHT IRON FENCE
SCALE: N.T.S.

- WALL NOTES**
1. WALL DETAILS ARE FOR REFERENCE ONLY AND DO NOT CONSTITUTE A STRUCTURAL DESIGN.
 2. CONSTRUCTION OF BLOCK WALLS REQUIRE A SEPARATE BUILDING PERMIT AND APPROVAL BY THE BUILDING DEPT.

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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REVISIONS	NO.	DATE	DESCRIPTION	APP.
JEFFREY FOUTZ				
5841 E. CHARLESTON BLVD. #230-305 LAS VEGAS, NEVADA 89142				
TIM S. MORENO, P.E.				
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DETAILS AND SECTIONS				
NEC BRIGHT ANGEL & MICHELLI CREST				
MSM 25-600036				
APN 126-25-601-002				
CLARK COUNTY, NEVADA				
PROJECT NO. 28-005				
05/07/2025				
SHEET ID				
C5.01				
4 OF 4 SHEETS				