

VICINITY MAP

N.T.S.

OWNER: CITY OF JERSEY VILLAGE
16327 LAKEVIEW DRIVE
JERSEY VILLAGE, TX 77040
(713) 466-2100

ENGINEER: GarzaEMC, LLC.
9106 WHEAT CROSS DRIVE
HOUSTON, TEXAS 77095
(713) 491-6039

CONSTRUCTION PLANS FOR CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS

ADDRESS : FROM SENATE AVENUE TO EQUADOR STREET

FLOODPLAIN INFORMATION:

A PORTION OF THIS PROJECT LIES WITHIN ZONE AE PER FEMA FIRM MAP 48201C445M DATED JUNE 9, 2014.
THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY AND/OR STRUCTURES WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. THIS STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR OR THE ENGINEER.

BENCHMARK NOTE:

BENCHMARK PUBLISHED ELEVATION 104.75
ALL ELEVATIONS SHOWN HEREON ARE BASED ON HARRIS COUNTY FLOODPLAIN REFERENCE MARK NO. 050425, BEING A BRASS DISC STAMPED "050425", FROM THE INTERSECTION OF US 290 AND SENATE, NORTH ALONG SENATE 0.5 MILES TO LAKEVIEW, WHICH BECOMES RIO GRANDE, 0.9 MILES TO THE BENCHMARK ON THE LEFT.

TBM-A ELVATION 104.01
SET CUT BOX ON STORM INLET LOCATED AT THE INTERSECTION OF THE EASTERLY LINE OF SENATE AVENUE AND THE SOUTHERLY LINE OF CONGO LANE.

TBM-B ELEVATION 101.58
SET BOX CUT ON STORM INLET LOCATED AT THE INTERSECTION OF THE NORTHERLY LINE OF CONGO LANE AND THE EASTERLY LINE OF AUSTRALIA STREET

TBM-C ELEVATION 98.98
SET BOX CUT ON STORM INLET LOCATED AT THE INTERSECTION OF THE NORTHEAST LINE OF SOLOMON STREET AND THE NORTHEAST LINE OF CONGO LANE

TBM-D ELEVATION 98.14
SET BOX CUT ON STORM INLET LOCATED AT THE INTERSECTION OF THE SOUTHWEST LINE OF CONGO LANE AND THE SOUTHEAST LINE OF REQUADOR STREET.



9106 Wheat Cross Drive
Houston, Texas 77095
Tel. (713) 491-6039 Fax (512) 298-2592
TBPE # F-14629
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CENTERPOINT ENERGY SIGNATURE BLOCK:

NOTICE: FOR YOUR SAFETY, YOU ARE REQUIRED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG SO THAT UNDERGROUND LINES CAN BE MARKED. THIS SIGNATURE DOES NOT FULFILL YOUR OBLIGATION TO CALL 811.
VERIFICATION OF PRIVATE UTILITY LINES
DATE
CENTERPOINT ENERGY NATURAL GAS UTILITIES SHOWN. (GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT TO BE USED FOR CONFLICT VERIFICATION. SIGNATURE VALID FOR SIX MONTHS.
DATE
CENTERPOINT ENERGY/UNDERGROUND ELECTRICAL FACILITIES VERIFICATION ONLY. (THIS SIGNATURE VERIFIES EXISTING UNDERGROUND FACILITIES - NOT TO BE USED FOR CONFLICT VERIFICATION.) SIGNATURE VALID FOR SIX MONTHS.
DATE
APPROVED FOR AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR.

SUBMITTAL DATE : MARCH 5, 2024

SUBMITTED BY :

Bilal Alizai
BILAL ALIZAI, P.E.
GarzaEMC, LLC.
9106 WHEAT CROSS DRIVE
HOUSTON, TEXAS 77095
(713) 491-6039

03-22-2024

DATE



PLAN SUBMITTALS:

NO.	DATE	COMMENTS

I, BILAL ALIZAI, P.E., CERTIFY THAT THESE ENGINEERING DOCUMENTS ARE COMPLETE, ACCURATE AND ADEQUATE FOR THE INTENDED PURPOSES, INCLUDING CONSTRUCTION, BUT ARE NOT AUTHORIZED FOR CONSTRUCTION PRIOR TO FORMAL CITY APPROVAL.

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APPROVED FOR ACCEPTANCE:

CITY OF JERSEY VILLAGE PUBLIC WORKS

DATE



SHEET
01
OF 67

SWPPP CONSTRUCTION NOTES:

- CONTRACTOR SHALL INSTALL INLET PROTECTION DEVICES, STABILIZED CONSTRUCTION ACCESS, ETC. AT LOCATIONS SHOWN ON THE PLANS TO KEEP SILT AND EXCAVATED MATERIALS FROM ENTERING INTO THE STORM WATER INLETS.
- DURING THE EXCAVATION PHASE OF THE PROJECT, CONTRACTOR SHALL SCHEDULE THE WORK IN SEGMENTS OF 800' OR LESS S O THAT EXCAVATION MATERIAL CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL WHICH FALLS ON PAVEMENTS OR DRIVEWAYS SHALL BE SWEEP BACK INTO THE EXCAVATED AREA.
- CONTRACTOR SHALL CLEAN UP STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK TRACKED FROM THE EXCAVATED AREA.
- CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT, ALWAYS CLEANING UP DIRT ND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
- CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
 - DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN STABILIZED
 - AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
 - STRUCTURAL CONTROL MEASURES
 - LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING UNOBSTRUCTED DRAINAGE AT ALL TIMES. WHEN SODDING IS DISTURBED BY EXCAVATION OR BACKFILLING OPERATIONS, SUCH AREAS SHALL REPLACED BY SEEDING OR SODDING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SODDING.

TRAFFIC NOTES:

- CONTRACTOR SHALL OBTAIN REQUIRED PERMITS PRIOR TO CLOSING ANY ROADS, LANES, OR SIDEWALKS. THE REQUEST MUST BE MADE AT LEAST TEN BUSINESS DAYS IN ADVANCE.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) LATEST EDITION.
- NO WORK SHALL BE PERFORMED IN RESIDENTIAL AREAS FROM 7:00 PM TO 7:00 AM.
- CONTRACTOR SHALL MAINTAIN APPROVED NUMBER OF LANES OF TRAFFIC IN EACH DIRECTION DURING CONSTRUCTION WORKING HOURS.
- CONTRACTOR SHALL MAINTAIN ADA COMPLIANT PEDESTRIAN ACCESS TO BUS STOPS AND ADEQUATE BUS ACCESS TO THE BUS STOP.
- CONTRACTOR SHALL COVER OPEN PAVEMENT EXCAVATIONS FOR MINOR UTILITY WORK WITH ANCHORED STEEL PLATES DR NON-WORKING HOURS, OPEN LANES FOR NORMAL TRAFFIC FLOW WHEN FEASIBLE.
- CONTRACTOR SHALL HAVE APPROVED TRAFFIC CONTROL PLAN AND PERMIT AT THE JOB SITE FOR INSPECTION AT ALL TIMES.
- ACCESS TO DRIVEWAYS ADJACENT TO THE CONSTRUCTION WORK ZONE SHALL BE MAINTAINED AT ALL TIMES AS MUCH AS POSSIBLE. ADDITIONAL CONES OR DELINEATORS MAY BE REQUIRED TO DELINEATE THE DRIVEWAY ACCESS ROUTE THROUGH THE CONSTRUCTION WORK ZONE. CONTRACTORS SHALL COORDINATE WITH PROPERTY OWNER TO TEMPORARILY CLOSE DRIVEWAY. ALTERNATIVELY, CONTRACTOR SHALL PLACE TEMPORARY ASPHALT OR GRAVEL SURF THROUGH WORK ZONE TO MAINTAIN ACCESS TO PROPERTY.
- ADDITIONAL OFF DUTY POLICE OFFICERS/FLAGGERS MAY BE REQUESTED TO DIRECT TRAFFIC WHEN LANES ARE BLOCKED AT THE DIRECTION OF THE CITY EVEN IF THEY ARE NOT SPECIFICALLY IDENTIFIED ON THE PROJECT PLANS.

WATER CONSTRUCTION NOTES:

- WATER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST CITY OF HOUSTON INFRASTRUCTURE DESIGN MANUAL.
- ALL 4" THROUGH 12" WATER LINE TO BE AWWA C-900 PVC DR-18 BLUE PRESSURE RATED WATER MAIN WITH 2" AND SMALLER WATER SERVICE IS TO BE CONTINUOUS TYPE K COPPER TUBING PER COH STANDARD SPECIFICATION SECTION 02503 OR POLYTHENE TUBING WHICH COMPLIES WITH ANSINFS 14, SIZED FOR COPPER TUBING PER ASTM C151 WITH INSIDE LINING WITH AW C104 AND DOUBLE WRAPPED WITH 8 MIL POLYETHYLENE SHEETS.
- EXISTING WATER SERVICES (BOTH LONG AND SHORT) ARE NOT SHOWN ON PLANS. NOT ALL EXISTING WATER METERS ARE SHOWN. CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING ADJACENT TO EXIST WATER METERS. DAMAGED WATER METERS AND BOXES TO BE REPLACED WITH NEW METERS AND BOXES AT CONTRACTOR'S EXPENSE.
- CONCRETE THRUST BLOCKS SHALL BE PROVIDED AS NECESSARY TO PREVENT PIPE MOVEMENT. USE RESTRAINED JOINTS WHERE PREVENTING MOVEMENT OF 16" OR GREATER PIPE IS NECESSARY DUE TO THRUST.
- ALL WATER LINES UNDER PROPOSED OR FUTURE PAVING AND TO A POINT OF ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CURBS SHALL BE ENCASED IN BANK SAND TO 12" OVER PIPE AND BACKFILLED WITH CEMENT STABILIZED SAND WITHIN ONE (1) FOOT OF SUBGRADE.
- ALL WATER LINE AND SEWER LINE CROSSINGS SHALL BE CONSTRUCTED PER TCEQ REGULATIONS.
- ALL WATER VALVES SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA C-500 AND SHALL BE OF THE RESILIENT SEAT TYPE.
- ALL WATER LINES TO BE DISINFECTED IN CONFORMANCE WITH AWWA C-651 AND THE TEXAS STATE DEPARTMENT OF HEALTH. AT LEAST ONE BACTERIOLOGICAL SAMPLE SHALL BE COLLECTED FOR EVERY 5,000 LINEAR FEET OF WATER LINE AND SHALL BE REPEATED IF CONTAMINATION PERSISTS.
- ALL BELOW GRADE VALVES SHALL BE GASKETED, HUB-END GATE VALVES WITH A CAST IRON BOX, EXCEPT WHERE FLANGES ARE CALLED OUT ON THE PLANS.
- 4" THROUGH 12" FITTINGS SHALL BE CEMENT MORTAR LINED COMPACT DUCTILE IRON PRESSURE FITTINGS PER ANSI A21.53, OR PUSH ON FITTINGS PER ANSI A21.10 PRESSURE RATED AT 250 PSIG.
- HYDROSTATIC TESTING: ALL WATER PIPE SHALL BE TESTED FOR LEAKAGE IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS. TESTS ARE TO BE PERFORMED ON THE ENTIRE FOOTAGE OF WATER PIPE LINE INCLUDED IN THE PROJECT.
- ALL WATER LINES TO HAVE 5' MINIMUM COVER TO FINISHED GRADE AND MINIMUM 12" CLEARANCE TO OTHER UTILITIES AT CROSSINGS UNLESS OTHERWISE NOTED ON PLANS. ALL WATER LINE INSTALLED OVER 8' DEEP SHALL UTILIZE RESTRAINED JOINT FITTINGS.
- CONTRACTOR SHALL KEEP WATER PIPE CLEAN AND CAPPED (OR OTHERWISE EFFECTIVELY COVERED) OPEN PIPE ENDS TO EXCLUDE INSECTS, ANIMALS OR OTHER SOURCES OF CONTAMINATION FROM UNFINISHED PIPE LINES AT TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- CONTRACTOR SHALL OBTAIN TEMPORARY WATER METER FROM CITY FOR CONSTRUCTION ACTIVITIES (DUST CONTROL, SWEEPING, CLEANING EQUIPMENT, ETC.).
- FOR EXISTING WATER LINES TO BE ABANDONED, CONTRACTOR SHALL CAP IN-PLACE EXISTING LINES AND REMOVE ALL WATER IN ABANDONED LINES PRIOR TO INSPECTIONS.

GRADING NOTES:

- GENERAL CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
- BEFORE STARTING CONSTRUCTION, CONTRACTOR SHALL VERIFY BENCHMARK ELEVATION AND NOTIFY ENGINEER IF ANY DISCREPANCY OR CONFLICT IS FOUND.
- CONTRACTOR SHALL ENSURE THERE IS POSITIVE DRAINAGE AND NO PONDING IN PAVED AREAS, AND SHALL NOTIFY ENGINEER IF ANY GRADING DISCREPANCIES ARE FOUND IN THE EXISTING OR PROPOSED GRADES PRIOR TO PLACEMENT OF PAVEMENT OR UTILITIES.
- CONTRACTOR SHALL PROTECT AL HOLE COVERS, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, POWER POLES, GUY WIRES, AND TELEPHONE BOXES THAT ARE TO REMAIN IN PLACE AND DURING CONSTRUCTION.
- ALL EXISTING CONCRETE PAVING, SIDEWALK, AND CURB DEMOLITION SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR. DISPOSAL SHALL BE AT AN APPROVED OFF-SITE, LAWFUL LOCATION, UNLESS DIRECTED OTHERWISE BY THE CITY.

GENERAL NOTES:

- CONTRACTOR SHALL CONTACT CENTERPOINT ENERGY PRIOR TO ANY WORK ACROSS EXISTING GAS LINE.
- CONTRACTOR SHALL REMOVE AND REPLACE EXISTING MAILBOXES SUCH THAT THE FINAL CONDITION OF THE COMPLETED WORK SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING WORK. CONTRACTOR SHALL INSTALL TEMPORARY MAILBOX BANKS NOTED ON PLANS, CITY WILL PROVIDE MATERIALS.
- CONTRACTOR SHALL REMOVE AND REPLACE EXISTING SIDEWALK RAMPS PER ADA REQUIREMENTS.
- CONTRACTOR SHALL ADJUST MANHOLE RIMS, FIRE HYDRANTS, VALVE COVERS, AND METER BOXES TO FINISHED GRADE.
- ALL RESIDENTIAL DRIVEWAYS RADII TO BE 5 FOOT TYPICAL.
- PERIODIC SWEEPING AND DUST CONTROL MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THE PROJECT UNTIL FINAL ACCEPTANCE.
- CONTRACTOR SHALL PROVIDE PORTABLE POTTY'S FOR WORKERS. AREA MUST BE SCREENED AND CLEANING SERVICES MUST BE PROVIDED TWICE A WEEK.
- CONTRACTOR SHALL RETURN THE CONSTRUCTION SITE (INCLUDES ALL R.O.W. LIMITS ALONG CONGO LANE AND TEMPORARY STAGING AREAS DURING THE COURSE OF THE CONSTRUCTION PHASE) TO THE ORIGINAL OR BETTER CONDITION UPON COMPLETION OF ALL CONSTRUCTION. NO SEPARATE COST OR PAY ITEM.
- CONTRACTOR TO FIELD VERIFY AND LOCATE EXISTING IRRIGATION LINES, SPRAY HEADS, CONTROLLERS, VALVES IN THE FRONT YARDS OF RESIDENTIAL LOTS AND THE HIGH SCHOOL PROPERTY ADJACENT TO THE PUBLIC ROW PRIOR TO BEGINNING CONSTRUCTION ACTIVITY. AFTER ROADWAY IMPROVEMENTS ARE COMPLETED ALONG CONGO LANE R.O.W., CONTRACTOR MUST RESTORE ALL AFFECTED IRRIGATION LINES AND IMPROVEMENTS TO OPTIMUM OPERATIONAL LEVELS FOR ALL PROPERTIES AFFECTED WITH ROADWAY WIDENING PROJECT.

AT& T TEXAS/SWBT FACILITIES:

- THE LOCATIONS OF ATT&T TEXAS/SWBT FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL CALL 1-800-344-8377 (TEXAS 811) A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
- WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF AT&T TEXAS/SWBT FACILITIES, ALL EXCAVATIONS MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE AT&T TEXAS/SWBT FACILITIES.
- WHEN AT&T TEXAS/SWBT FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT DUCTS OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.
- THE PRESENCE OR ABSENCE OF AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES SHOWN ON THESE PLANS DOES NOT MEAN THAT THERE ARE NO DIRECT BURIED CABLES OR OTHER CABLES IN CONDUIT IN THE AREA.
- PLEASE CONTACT THE AT&T TEXAS DAMAGE PREVENTION MANAGER ROOSEVELT LEE, JR. AT (713) 567-4552 OR EMAIL HIM ARL7259@ATT.COM, IF THERE ARE QUESTIONS ABOUT BORING OR EXCAVATING NEAR OUR AT&T TEXAS/SWBT FACILITIES.

VEGETATION PROTECTION AND REMOVAL NOTES:

- CONTRACTOR SHALL PROTECT ALL TREES ALONG THE RIGHT-OF-WAY LINE AND THE ADJACENT 5 FEET TO THE RIGHT-OF-WAY (NO SEPARATE PAY).
- SEE SPECIFICATION ITEM 501 FOR PROTECTION AND MAINTENANCE OF TREES AND PLANTS.
- CONTRACTOR SHALL RETURN THE CONSTRUCTION SITE TO THE ORIGINAL OR BETTER CONDITION (NO SEPARATE PAY).

CENTERPOINT ENERGY NOTES:

CAUTION: UNDERGROUND GAS FACILITIES:

- THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 1-800-545-6005 OR 811 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED. WHEN CENTERPOINT ENERGY PIPE LINE MARKINGS ARE NOT VISIBLE, CALL 713-207-5463 OR 713-945-8037 (7:00 AM TO 4:30 PM) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING. FOR EMERGENCIES REGARDING GAS LINES CALL 713-659-3552 OR 713-207-4200.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL LINES:

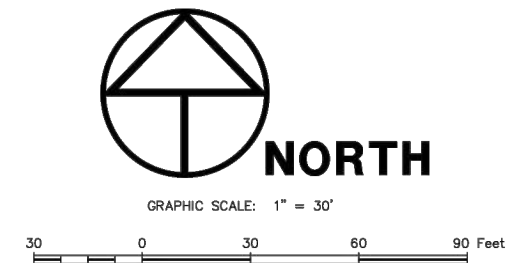
- OVERHEAD LINES MAY EXIST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAS NOT BEEN SHOWN ON THESE DRAWINGS AS THE LINES ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE FORBIDS ACTIVITIES THAT OCCUR IN CLOSE PROXIMITY TO HIGH VOLTAGE LINES, SPECIFICALLY:
 - ANY ACTIVITY WHERE PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES; AND
 - OPERATING A CRANE, DERRICK, POWER SHOVEL, DRILLING RIG, PILE DRIVER, HOISTING EQUIPMENT, OR SIMILAR APPARATUS WITHIN 10 FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES.
- PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT 713-207-2222.

ACTIVITIES ON/OR ACROSS CENTERPOINT ENERGY FEE OR EASEMENT PROPERTY:

- NO APPROVAL TO USE, CROSS, OR OCCUPY NO CENTERPOINT FEE OR EASEMENT PROPERTY IS GIVEN. IF YOU NEED TO USE CENTERPOINT PROPERTY PLEASE CONTACT OUR SURVEYING AND RIGHT OF WAY DIVISION AT 713-207-6348 OR 713-207-5769.



 7708 Riello Blvd., Suite 125 Austin, Texas 78735 Tel: (512) 299-3284 Fax: (512) 298-2592 TBP# # F-14629 Garza EMC, LLC © Copyright 2024	
03-22-2024	
GENERAL NOTES	
CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS	
CITY OF JERSEY VILLAGE	
DRAWN BY: CM, RC	DESIGNED BY: BAA, PG
QA / QC: BAA	PROJECT NO.: 113756-00002
SHEET 02 OF 67	



BENCHMARK **PUBLISHED ELEVATION - 104.75**
ALL ELEVATIONS SHOWN HEREON ARE BASED ON HARRIS COUNTY FLOODPLAIN
REFERENCE MARK NO. 050425, BEING A BRASS DISC STAMPED "050425", FROM THE
INTERSECTION OF US 290 AND SENATE, NORTH ALONG SENATE 0.5 MILES TO
LAKEVIEW, WEST ALONG LAKEVIEW, WHICH BECOMES RIO GRANDE, 0.9 MILES TO THE
BENCHMARK ON THE LEFT.

TEMPORARY BENCHMARK "A" ELEVATION - 104.01
SET CUT BOX ON STORM INLET LOCATED AT THE INTERSECTION OF THE EASTERLY
LINE OF SENATE AVENUE AND THE SOUTHERLY LINE OF CONGO LANE.

TEMPORARY BENCHMARK "B" ELEVATION - 101.58
SET BOX OUT ON STORM INLET LOCATED AT THE INTERSECTION OF THE NORTHERLY
LINE OF CONGO LANE AND THE EASTERLY LINE OF AUSTRALIA STREET.

TEMPORARY BENCHMARK "C" ELEVATION - 98.98
SET BOX CUT ON STORM INLET LOCATED AT THE INTERSECTION OF THE NORTHEAST
LINE OF SOLOMON STREET AND THE NORTHEAST LINE OF CONGO LANE.

TEMPORARY BENCHMARK "D" ELEVATION - 98.14
SET BOX CUT ON STORM INLET LOCATED AT THE INTERSECTION OF THE SOUTHWEST
LINE OF CONGO LANE AND THE SOUTHEAST LINE OF EQUADOR STREET.

[illegible]

TREE TABLE	
POINTSIZE	TYPE
208 10	GREPE-MYRTLE
1136 9	OAK
1136 10	OAK
1142 13	OAK
1162 13	GREPE-MYRTLE
1162 13	GREPE-MYRTLE
1183 11	GREPE-MYRTLE
1183 11	GREPE-MYRTLE
1183 11	GREPE-MYRTLE
1185 6	GREPE-MYRTLE
1185 6	GREPE-MYRTLE
1186 6	GREPE-MYRTLE
1187 9	GREPE-MYRTLE
1188 6	GREPE-MYRTLE
1189 6	GREPE-MYRTLE
1189 6	GREPE-MYRTLE
1191 6	GREPE-MYRTLE
1192 10	GREPE-MYRTLE
1193 7	GREPE-MYRTLE
1173 7	GREPE-MYRTLE
1174 13	GREPE-MYRTLE
1174 13	GREPE-MYRTLE
1175 6	GREPE-MYRTLE
1176 6	GREPE-MYRTLE
1177 9	GREPE-MYRTLE
1178 15	GREPE-MYRTLE
1178 15	GREPE-MYRTLE
1179 7	GREPE-MYRTLE
1180 7	GREPE-MYRTLE
1181 7	GREPE-MYRTLE
1183 10	TREE
1212 3	TREE
1213 4	TREE
1215 4	TREE
1216 3	TREE
1302 11	OAK
1304 15	OAK

TREX TABLE		
POINT SIZE		TYPE
1834 1/4"		OAK
1835 10"		SAGO
1836 10"		PEP CAN
1851 10"		SAGO
2098 13"		OAK
2046 20"		OAK
2058 18"		OAK
2114 24"		OAK
2194 18"		OAK
2203 18"		OAK
2211 10"	CREPE - MYRTLE	
2212 10"	CREPE - MYRTLE	
2213 10"	CREPE - MYRTLE	
2214 10"	CREPE - MYRTLE	
2215 10"	CRUPE - MYRTLE	
2216 10"	CREPE - MYRTLE	
2217 10"	CREPE - MYRTLE	
2218 10"	CREPE - MYRTLE	
2219 10"	CREPE - MYRTLE	
2220 10"	CREPE - MYRTLE	
2221 10"	CRUPE - MYRTLE	
2222 10"	CRUPE - MYRTLE	
2223 10"	CREPE - MYRTLE	
2224 10"	CREPE - MYRTLE	
2225 10"	CREPE - MYRTLE	
2226 10"	CREPE - MYRTLE	
2227 10"	CREPE - MYRTLE	
2228 10"	CRUPE - MYRTLE	
2229 10"	CRUPE - MYRTLE	
2230 10"	CRUPE - MYRTLE	
2231 10"	CREPE - MYRTLE	
2232 10"	CREPE - MYRTLE	

TREE TABLE		
POINT SIZE		TYPE
3170 1/3		MAGNOLA
3171 8		MAGNOLA
3210 11		PINE
3232 8		PINE
3233 4		PINE
3234 11		PINE
3235 10		PINE
3237 11		OAK
3296 29		OAK
3351 28		OAK
3380 24		OAK
3389 3		MAGNOLA
3390 6		MAGNOLA
3456 17		OAK
3658 6		OAK
3682 5		TREE
3708 24		OAK
3709 18		OAK
3730 5		CM
3740 15		OAK
3824 19		OAK
3876 9		OAK
3831 28		OAK
3883 32		OAK
3857 14		OAK
3872 15		OAK
3883 10	GREPE	MYRTLE
3885 10	GREPE	MYRTLE
3886 9	GREPE	MYRTLE
3887 9	GREPE	MYRTLE
3959 10	GREPE	MYRTLE
3960 10	GREPE	MYRTLE

TREE TABLE		
POINT SIZE		TYPE
4410 15'		OAK
4621 24'		OAK
4460 5'		CREPE-MYRTLE
4465 12'		OAK
4925 11'		OAK
4843 6'		OM
4820 29'		OAK
4862 3'		TREE
5030 2'		OAK
5036 24'		OAK
5043 2'		OAK
5099 2'		OAK
5117 5'		CREPE-MYRTLE
5118 8'		CREPE-MYRTLE
5152 16'		OAK
5153 12'		OAK
5158 20'		OAK
5160 22'		OAK
5162 16'		OAK
5165 18'		OAK
5227 24'		OAK
5232 12'		OAK
5429 24'		OAK
5587 14'		TALLOW
5671 14'		PINE
5685 14'		PINE
5686 14'		PINE
5720 5'		CREPE-MYRTLE
5721 12'		CREPE-MYRTLE
5722 12'		CREPE-MYRTLE
5723 12'		CREPE-MYRTLE
5723 12'		CREPE-MYRTLE

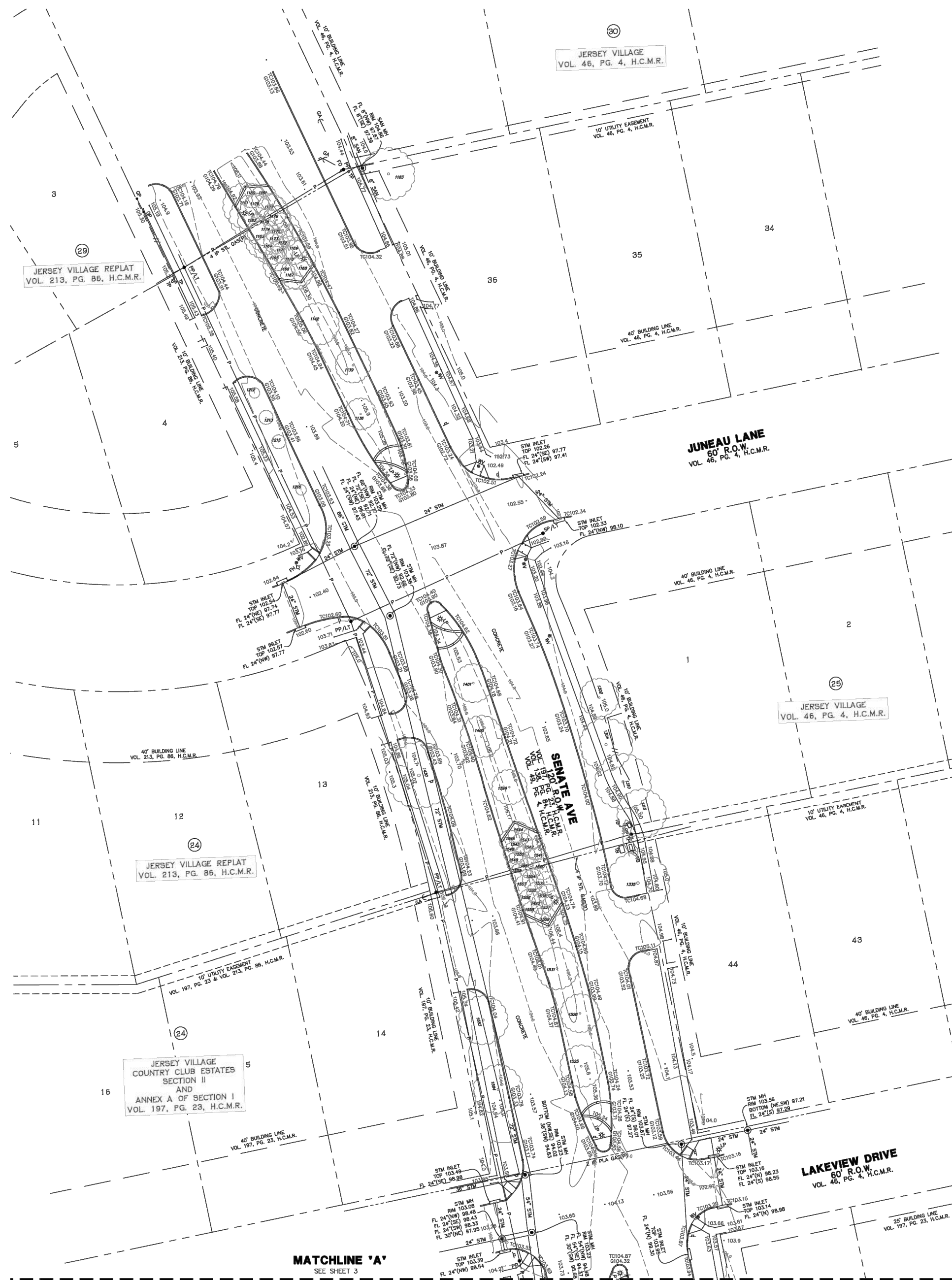
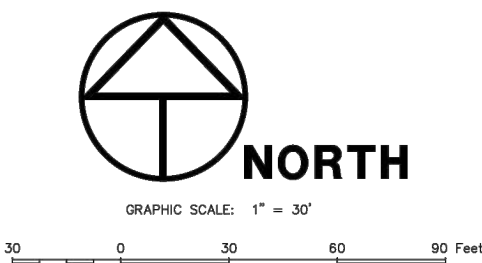
5726	15"	TRIE
5853	14"	OAK
5855	14"	PINE
5826	11"	PINE
5886	21"	OAK
5899	7"	SAGO
5900	7"	SAGO
5905	12"	TRIE
5985	12"	TRIE
6048	17"	OAK
6049	21"	OAK
6161	19"	OAK
6279	15"	GREPE-MYRTLE
6280	15"	GREPE-MYRTLE
6294	13"	GREPE-MYRTLE
6301	10"	GREPE-MYRTLE
6302	10"	GREPE-MYRTLE
6373	19"	OAK

TREE TABLE		
POINT#	SIZE	TYPE
6907	18"	OAK
7000	40"	OAK
7007	13"	GREPE-MYRTLE
7069	13"	GREPE-MYRTLE
7070	14"	GREPE-MYRTLE
7071	10"	GREPE-MYRTLE
7072	6"	GREPE-MYRTLE
7073	9"	GREPE-MYRTLE
7074	9"	GREPE-MYRTLE
7075	9"	GREPE-MYRTLE
7076	10"	GREPE-MYRTLE
7077	7"	GREPE-MYRTLE
7078	9"	GREPE-MYRTLE

7080	7"	CREPE—MYRTLE
7081	10"	CREPE—MYRTLE
7082	14"	CREPE—MYRTLE
7083	10"	CREPE—MYRTLE
7084	14"	20%—MYRTLE
7158	18"	OAK
7193	24"	OAK
7196	21"	OAK
7245	10"	CREPE—MYRTLE
20208	10"	CREPE—MYRTLE

1. SURVEYOR DID NOT ABSTRACT SUBJECT PROPERTY. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT OR ABSTRACTS CERTIFICATE AND WOULD BE SUBJECT TO ANY AND ALL CONDITIONS OR RESTRICTIONS THAT A CURRENT TITLE REPORT OR ABSTRACTS CERTIFICATE MAY DISCLOSE.
2. BEARINGS WERE BASED ON THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE (NAD 83). ALL DISTANCES SHOWN HEREON ARE SURFACE DISTANCES AND MAY BE BROUGHT TO GRID BY APPLYING THE FOLLOWING SCALE FACTOR: 0.999908595.


- [illegible]

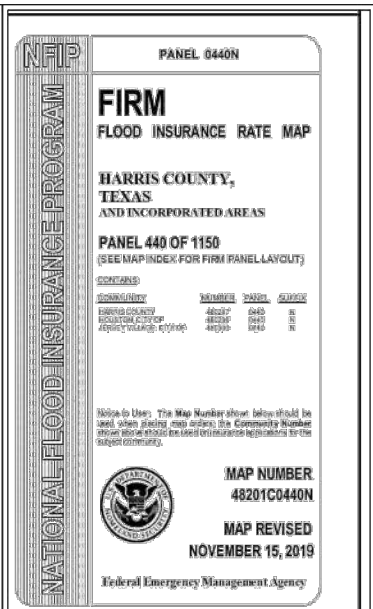
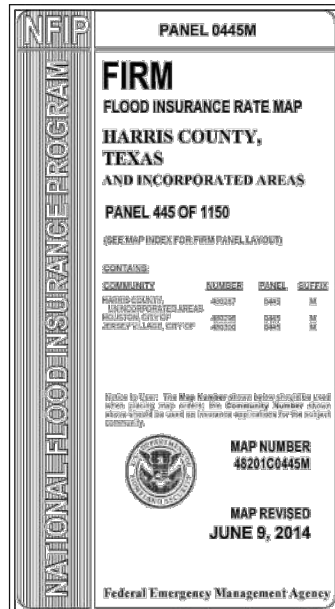



LEGEND


* SOME OF THESE ELEMENTS MAY NOT BE USED ON THIS SURVEY

JO	— BOLLARD	PO	— POWER POLE	PGS	— POWERGRATING GABLE SIGN	POD	— PORCH
JO	— TANGULAR	POCT	— POWER POLE/TRANSFORMER	PGS	— GUTTER (NOT LAID)	HLCL	— HANDED CURVE GLEIN FILE
JO	— POWER POLE	POW	— POWER POLE W/LIGHT	PGS	— MOUNTING WELD	HLCL	— HANDED CURVE ROAD RECORDS
JO	— GAS VALVE	POWCT	— POWER POLE W/OUTPOST	P	— PINK PLANT MARK	HLCL	— HANDED CURVE ROAD RECORDS
JO	— THE HYDRANT	POW	— POWER POLE	PGS	— TOP OF CURB	HLCL	— HANDED CURVE ROAD RECORDS
JO	— WATER METER	POW	— SERVICE POLE	G	— GUTTER	HLCL	— HANDED CURVE ROAD RECORDS
JO	— WATER VALVE	POWCT	— 4" DUCT AND/OR	TS	— TOP OF GRAVE	HLCL	— HANDED CURVE ROAD RECORDS
JO	— BREAKDOWN CONTROL VALVE	POW	— OVERHEAD POWER LINE	TS	— TOP OF LAKE	HLCL	— HANDED CURVE ROAD RECORDS
JO	— GRAVE INLET	POW	— BARRIED WIRE FENCE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— GRAVE INLET	POW	— WRIGHT IRON FENCE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— MANDREL	POW	— CHAIN LINK FENCE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— TELEPHONE PEDestal	POW	— DATE POST	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— ELECTRIC BOX	POW	— FIVE PLANE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— TRAFFIC SIGNAL BOX	POW	— CHAIN LINK FENCE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— LIGHT POLE	POW	— DATE POST	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— TRAFFIC LIGHT POLE	POW	— APPROX. APPROPRIATE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— GROUND POLE	POW	— HOBKINS	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— TRAFFIC LIGHT POLE	POW	— OVERHEAD POWER LINE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— TRAFFIC LIGHT POLE	POW	— PIPELINE MARK	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— BURIED FIBER OPTIC CONNECTION LINE	POW	— SOUTHERN RAIL TELEPHONE CO.	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— BURIED TELEPHONE LINE	POW	— WATER	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— BURIED FIBER OPTIC CONNECTION LINE	POW	— TELEPHONE WELD	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— BURIED FIBER OPTIC CONNECTION LINE	POW	— BURIED ELECTRICAL LINE	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS
JO	— BURIED FIBER OPTIC CONNECTION LINE	POW	— UNDERGROUND DRAIN	HLCL	— HANDED CURVE ROAD RECORDS	HLCL	— HANDED CURVE ROAD RECORDS


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DATED: <u>01/27/2012</u>	SHEET NO. <u>2</u> OF <u>12</u>




LUCAS G. DAVIS
Professional Land Surveyor
Texas Registration No. 65999



06-29-2022
DATE
EXP. DATE



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ABSTRACT NO. 228
HARRIS COUNTY, TEXAS

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FIELD BY: CHUCKER BAY, ALA JO **FIELD NO:** 11

DATE: JUNE 2022 **SHEET NO:** 1 OF 12

SURVEY - SHEET 1

CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

DRAWN BY: CM, RC

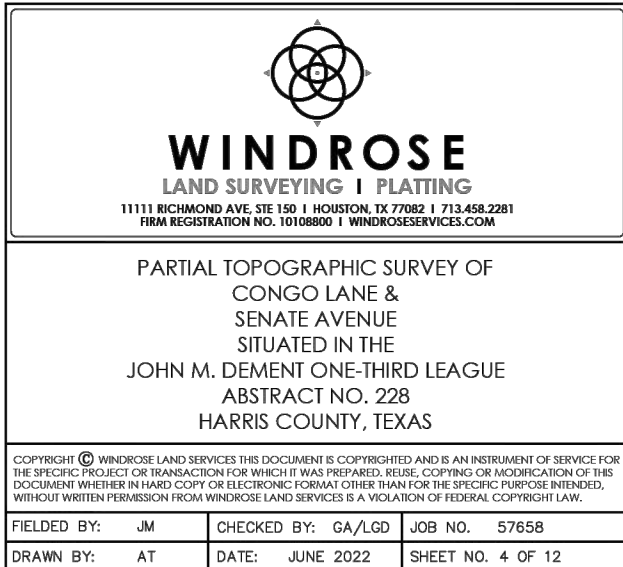
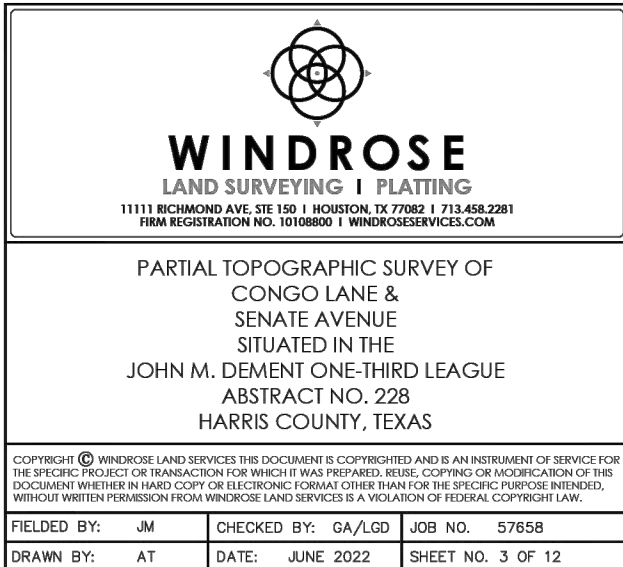
DESIGNED BY: BAA, PG

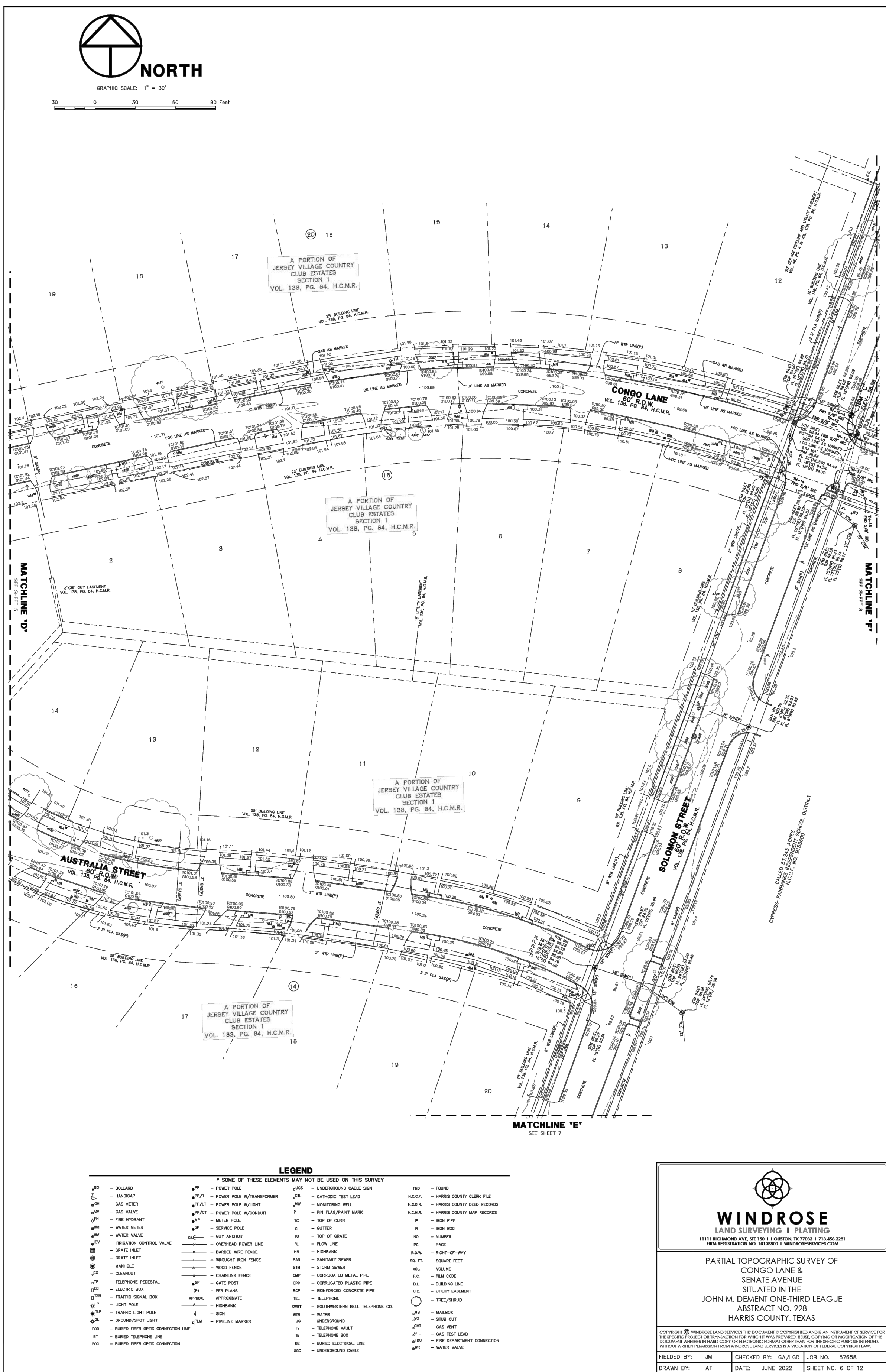
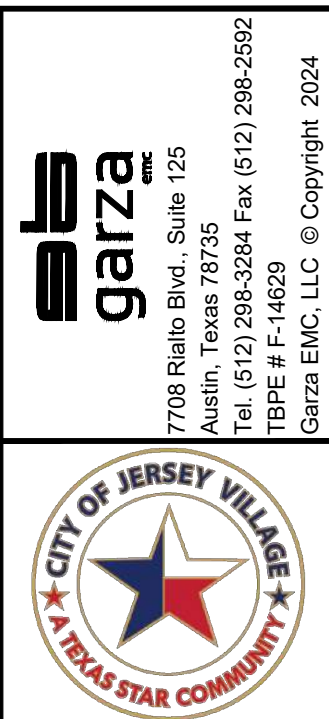
QA / QC: BAA

PROJECT NO.: 113756-000002

SHEET

03
OF 67

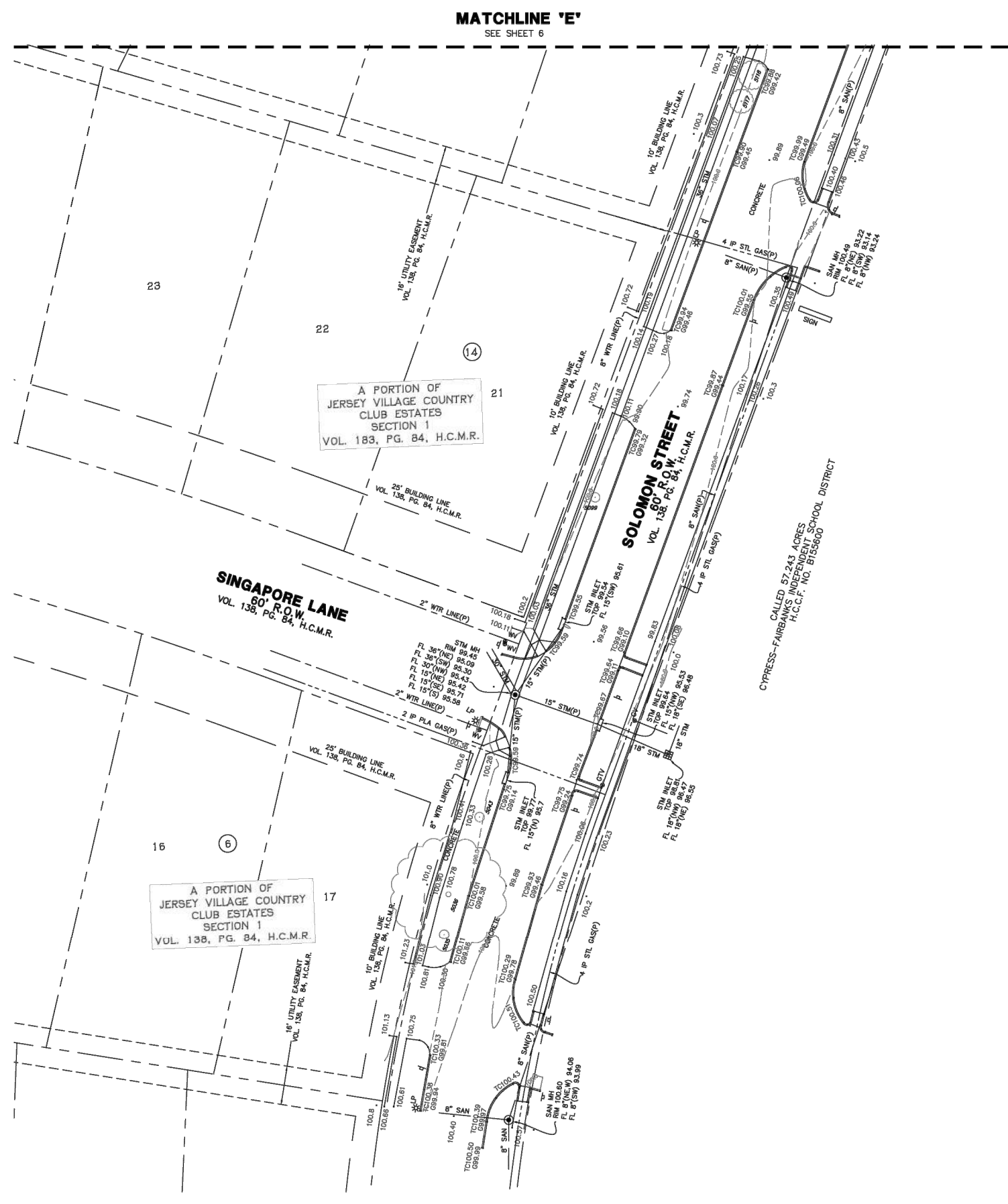
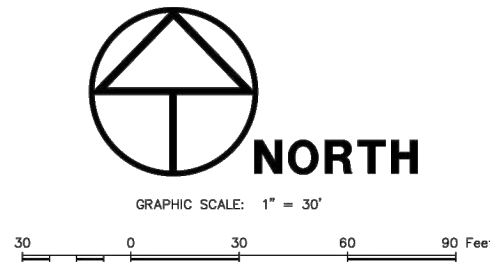


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CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS	SURVEY - SHEET 3
CITY OF JERSEY VILLAGE	

DRAWN BY:	CM, RC
DESIGNED BY:	BAA, PG
QA / QC:	BAA
PROJECT NO.:	113756-00002

SHEET
05
OF 67



LEGEND			
* SOME OF THESE ELEMENTS MAY NOT BE USED ON THIS SURVEY			
1/2" - BOLLARD	1/2" - POWER POLE	1/2" - UNDERGROUND CABLE	1/2" - FLOOD
1/2" - HANDICAP	1/2" - POWER POLE W/TRANSFORMER	1/2" - CATHODIC TEST LEAD	1/2" - HARRIS COUNTY CLERK FILE
1/2" - GAS METER	1/2" - POWER POLE W/LIGHT	1/2" - MONITORING WELL	1/2" - HARRIS COUNTY DEED RECORDS
1/2" - GAS VALVE	1/2" - POWER POLE W/CONDUIT	1/2" - FIRE FLAG/PAINT MARK	1/2" - HARRIS COUNTY MAP RECORDS
1/2" - FIRE HYDRANT	1/2" - METER POLE	1/2" - TOP OF CURB	1/2" - IRON PIPE
1/2" - WATER METER	1/2" - SERVICE POLE	1/2" - GUTTER	1/2" - IRON ROD
1/2" - WATER VALVE	1/2" - GUT INLET	1/2" - TOP OF GRADE	1/2" - HAMMER
1/2" - IRRIGATION CONTROL VALVE	1/2" - OVERHEAD POWER LINE	1/2" - FLOW LINE	1/2" - PAVE
1/2" - GRATE INLET	1/2" - BARRIED WIRE FENCE	1/2" - IRONBANK	1/2" - RIGHT-OF-WAY
1/2" - GRATE INLET	1/2" - BARRIED IRON FENCE	1/2" - SQUARE TEST	1/2" - SQUARE TEST
1/2" - MANHOLE	1/2" - BARRIED WOOD FENCE	1/2" - STORM SEWER	1/2" - VOLUME
1/2" - CEMENT	1/2" - BARRIED CHAINLINK FENCE	1/2" - CORRUGATED METAL PIPE	1/2" - PLUM FIXER
1/2" - TELEPHONE PEDESTAL	1/2" - GATE POST	1/2" - CORRUGATED PLASTIC PIPE	1/2" - BUILDING LINE
1/2" - ELECTRIC BOX	1/2" - PER PLANS	1/2" - REINFORCED CONCRETE PIPE	1/2" - UTILITY EXHIBIT
1/2" - TRAFFIC SIGNAL BOX	1/2" - APPROXIMATE	1/2" - TELEPHONE	1/2" - TELEPHONE
1/2" - LIGHT POLE	1/2" - IRONBANK	1/2" - SOUTHWESTERN BELL TELEPHONE CO.	1/2" - MAILBOX
1/2" - TRAFFIC LIGHT POLE	1/2" - IRON	1/2" - UNDERGROUND	1/2" - STUB OUT
1/2" - GROUND/SPOT LIGHT	1/2" - FIRELINE MARKER	1/2" - TELEPHONE VAULT	1/2" - GAS VENT
1/2" - BARRIED FIBER OPTIC CONNECTION LINE	1/2" - IRON	1/2" - TELEPHONE BOX	1/2" - GAS TEST LEAD
1/2" - BARRIED TELEPHONE LINE	1/2" - IRON	1/2" - BURIED ELECTRICAL LINE	1/2" - FIRE DEPARTMENT CONNECTION
1/2" - BURIED FIBER OPTIC CONNECTION	1/2" - IRON	1/2" - UNDERGROUND CABLE	1/2" - WATER VALVE

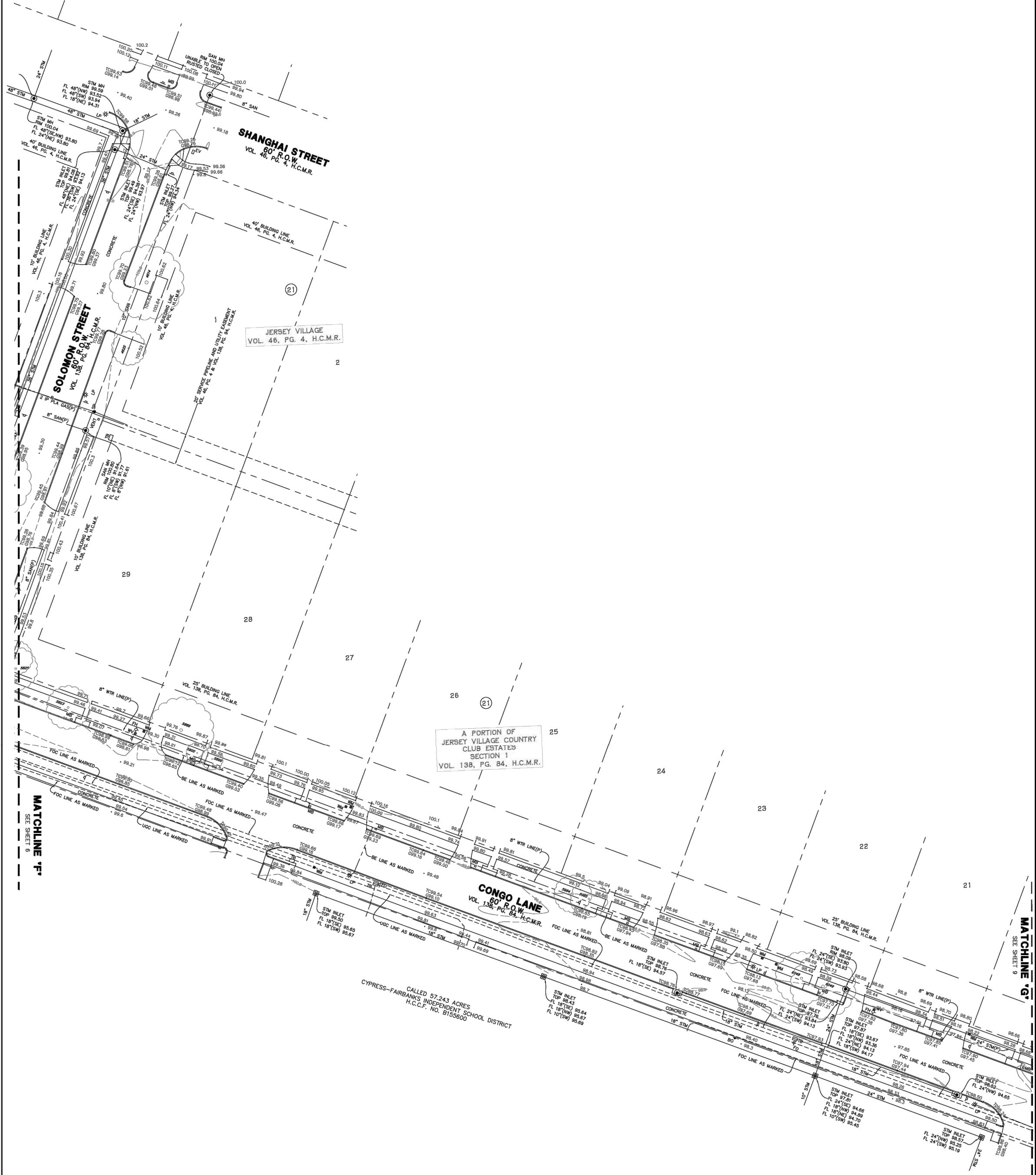
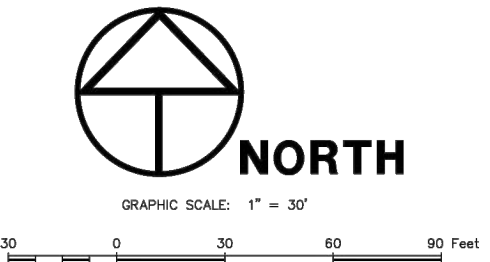


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CONGO LANE &
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SITUATED IN THE
JOHN M. DEMENT ONE-THIRD LEAGUE
ABSTRACT NO. 228
HARRIS COUNTY, TEXAS

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DRAWN BY: AT DATE: JUNE 2022 SHEET NO. 7 OF 12



LEGEND			
* SOME OF THESE ELEMENTS MAY NOT BE USED ON THIS SURVEY			
1/2" - BOLLARD	1/2" - POWER POLE	1/2" - UNDERGROUND CABLE	1/2" - FLOOD
1/2" - HANDICAP	1/2" - POWER POLE W/TRANSFORMER	1/2" - CATHODIC TEST LEAD	1/2" - HARRIS COUNTY CLERK FILE
1/2" - GAS METER	1/2" - POWER POLE W/LIGHT	1/2" - MONITORING WELL	1/2" - HARRIS COUNTY DEED RECORDS
1/2" - GAS VALVE	1/2" - POWER POLE W/CONDUIT	1/2" - FIRE FLAG/PAINT MARK	1/2" - HARRIS COUNTY MAP RECORDS
1/2" - FIRE HYDRANT	1/2" - METER POLE	1/2" - TOP OF CURB	1/2" - IRON PIPE
1/2" - WATER METER	1/2" - SERVICE POLE	1/2" - GUTTER	1/2" - IRON ROD
1/2" - WATER VALVE	1/2" - GUT INLET	1/2" - TOP OF GRADE	1/2" - HAMMER
1/2" - IRRIGATION CONTROL VALVE	1/2" - OVERHEAD POWER LINE	1/2" - FLOW LINE	1/2" - PAVE
1/2" - GRATE INLET	1/2" - BARRIED WIRE FENCE	1/2" - IRONBANK	1/2" - RIGHT-OF-WAY
1/2" - GRATE INLET	1/2" - BARRIED IRON FENCE	1/2" - SQUARE TEST	1/2" - SQUARE TEST
1/2" - MANHOLE	1/2" - BARRIED WOOD FENCE	1/2" - STORM SEWER	1/2" - VOLUME
1/2" - CEMENT	1/2" - BARRIED CHAINLINK FENCE	1/2" - CORRUGATED METAL PIPE	1/2" - PLUM FIXER
1/2" - TELEPHONE PEDESTAL	1/2" - GATE POST	1/2" - CORRUGATED PLASTIC PIPE	1/2" - BUILDING LINE
1/2" - ELECTRIC BOX	1/2" - PER PLANS	1/2" - REINFORCED CONCRETE PIPE	1/2" - UTILITY EXHIBIT
1/2" - TRAFFIC SIGNAL BOX	1/2" - APPROXIMATE	1/2" - TELEPHONE	1/2" - TELEPHONE
1/2" - LIGHT POLE	1/2" - IRONBANK	1/2" - SOUTHWESTERN BELL TELEPHONE CO.	1/2" - MAILBOX
1/2" - TRAFFIC LIGHT POLE	1/2" - IRON	1/2" - UNDERGROUND	1/2" - STUB OUT
1/2" - GROUND/SPOT LIGHT	1/2" - FIRELINE MARKER	1/2" - TELEPHONE VAULT	1/2" - GAS VENT
1/2" - BARRIED FIBER OPTIC CONNECTION LINE	1/2" - IRON	1/2" - TELEPHONE BOX	1/2" - GAS TEST LEAD
1/2" - BARRIED TELEPHONE LINE	1/2" - IRON	1/2" - BURIED ELECTRICAL LINE	1/2" - FIRE DEPARTMENT CONNECTION
1/2" - BURIED FIBER OPTIC CONNECTION	1/2" - IRON	1/2" - UNDERGROUND CABLE	1/2" - WATER VALVE



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DRAWN BY: AT DATE: JUNE 2022 SHEET NO. 8 OF 12

REVISION

NO.

DATE

CM, RC

BAA, PG


BAA

113756-0002


CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

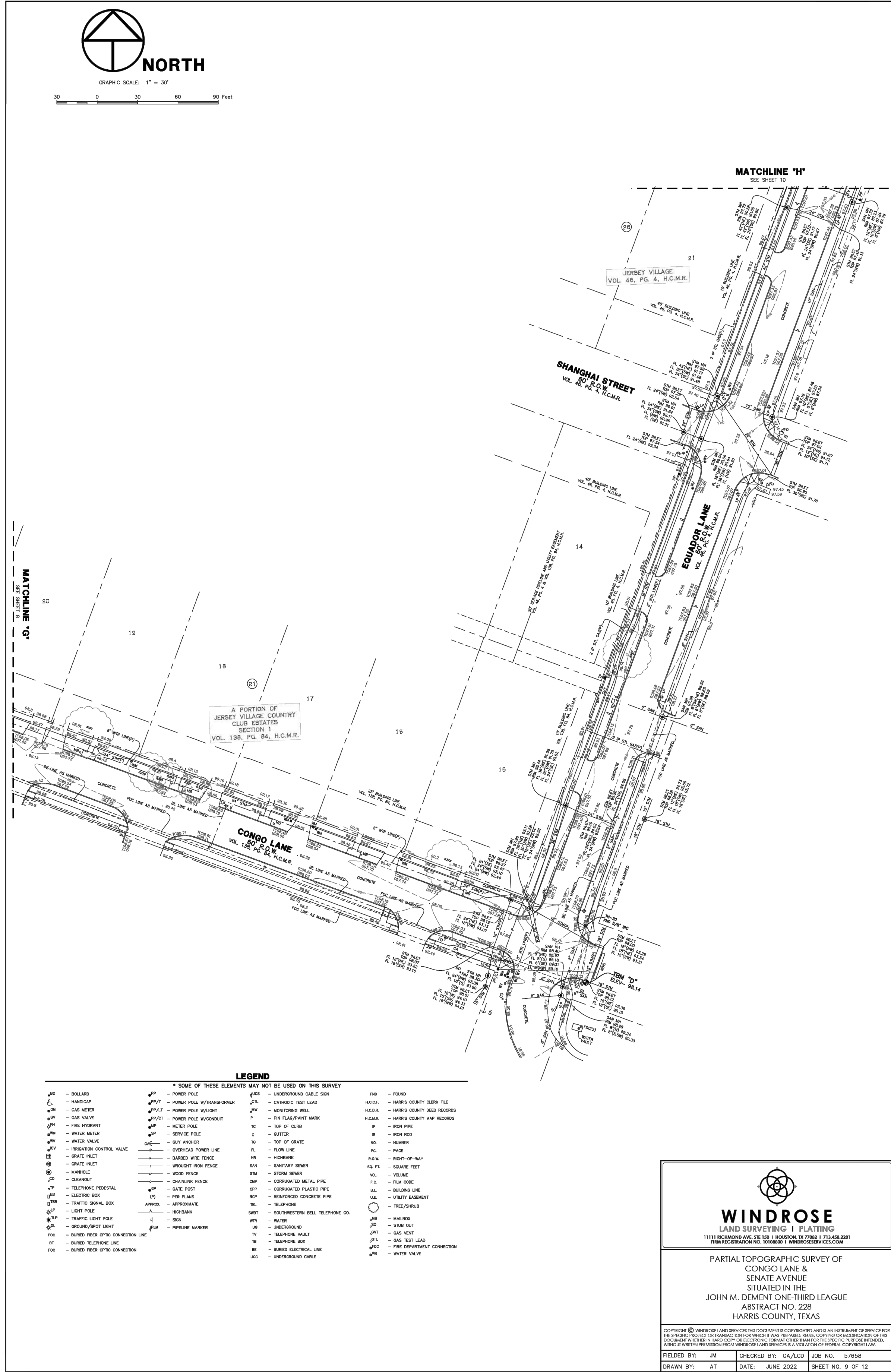
SHEET
06
OF 67

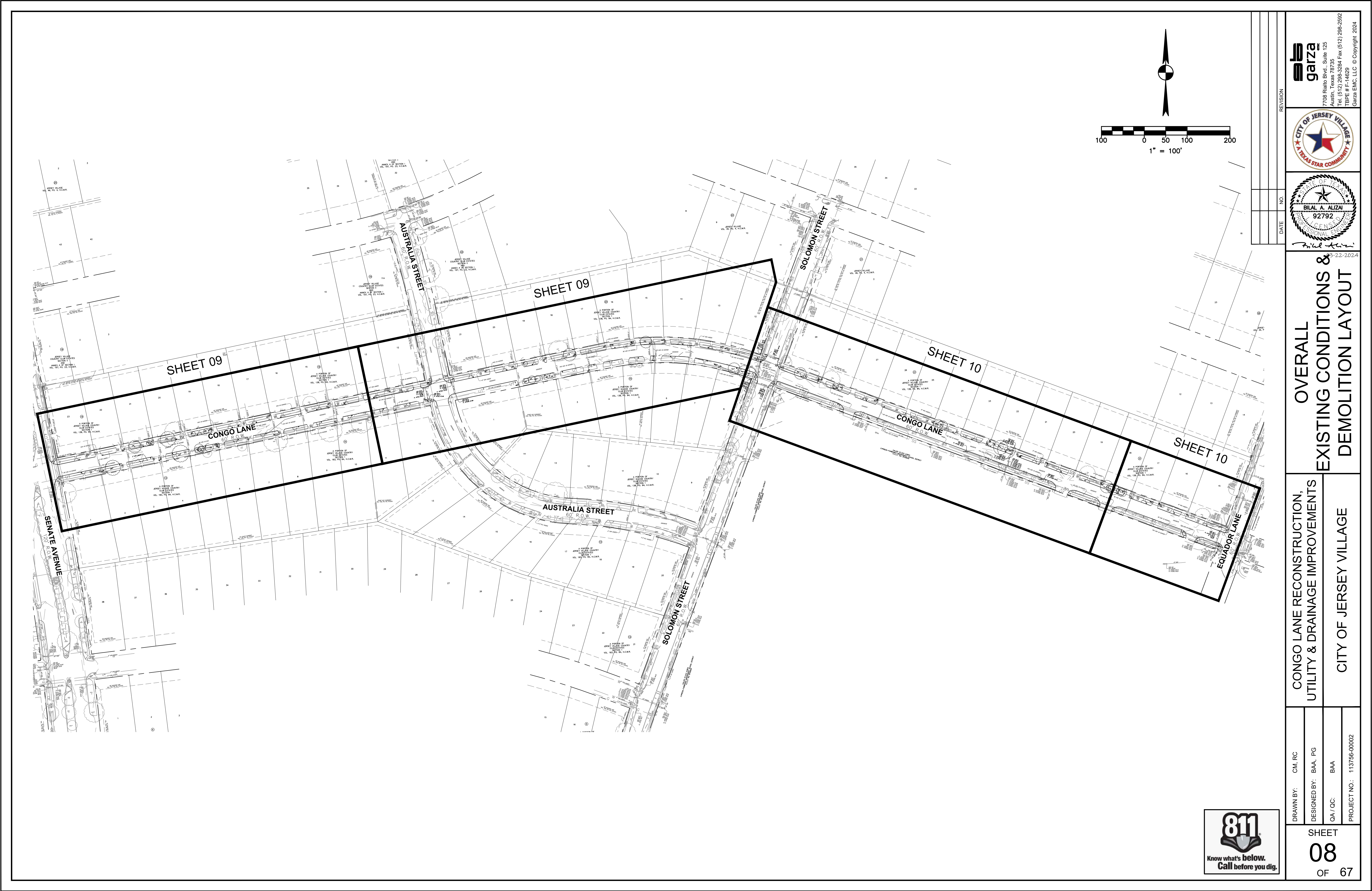


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A TEXAS STAR COMMUNITY



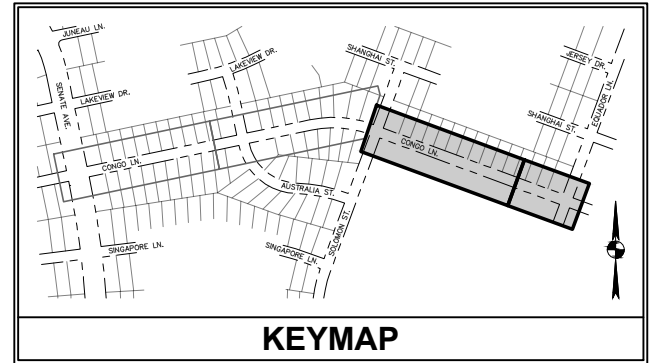
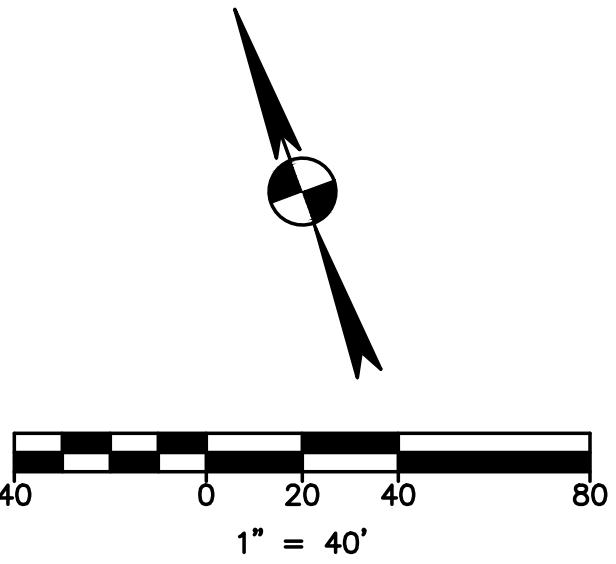
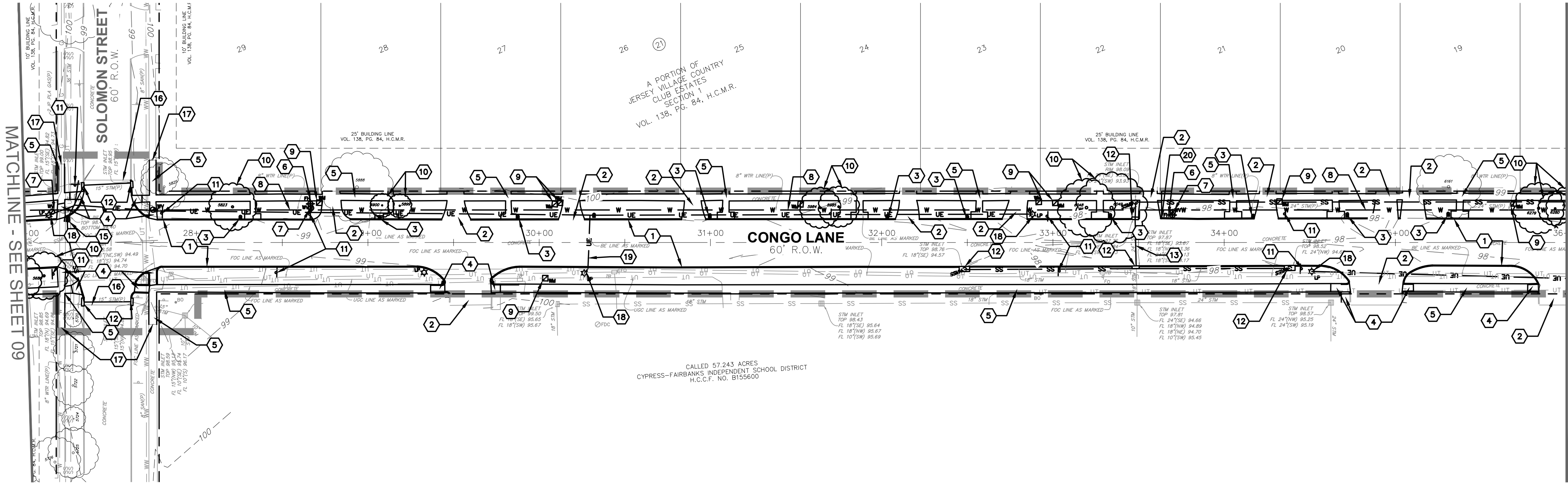


DRAWN BY: CM, RC		CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS		OVERALL EXISTING CONDITIONS & DEMOLITION LAYOUT	
DESIGNED BY: BAA, PG		CITY OF JERSEY VILLAGE		CITY OF JERSEY VILLAGE BILAL A. ALIZAI 92792 PROFESSIONAL ENGINEER 3-22-2024	
QA / QC: BAA		CITY OF JERSEY VILLAGE		CITY OF JERSEY VILLAGE BILAL A. ALIZAI 92792 PROFESSIONAL ENGINEER 3-22-2024	
PROJECT NO.: 113756-00002		CITY OF JERSEY VILLAGE		CITY OF JERSEY VILLAGE BILAL A. ALIZAI 92792 PROFESSIONAL ENGINEER 3-22-2024	
SHEET 08 OF 67		CITY OF JERSEY VILLAGE		CITY OF JERSEY VILLAGE BILAL A. ALIZAI 92792 PROFESSIONAL ENGINEER 3-22-2024	

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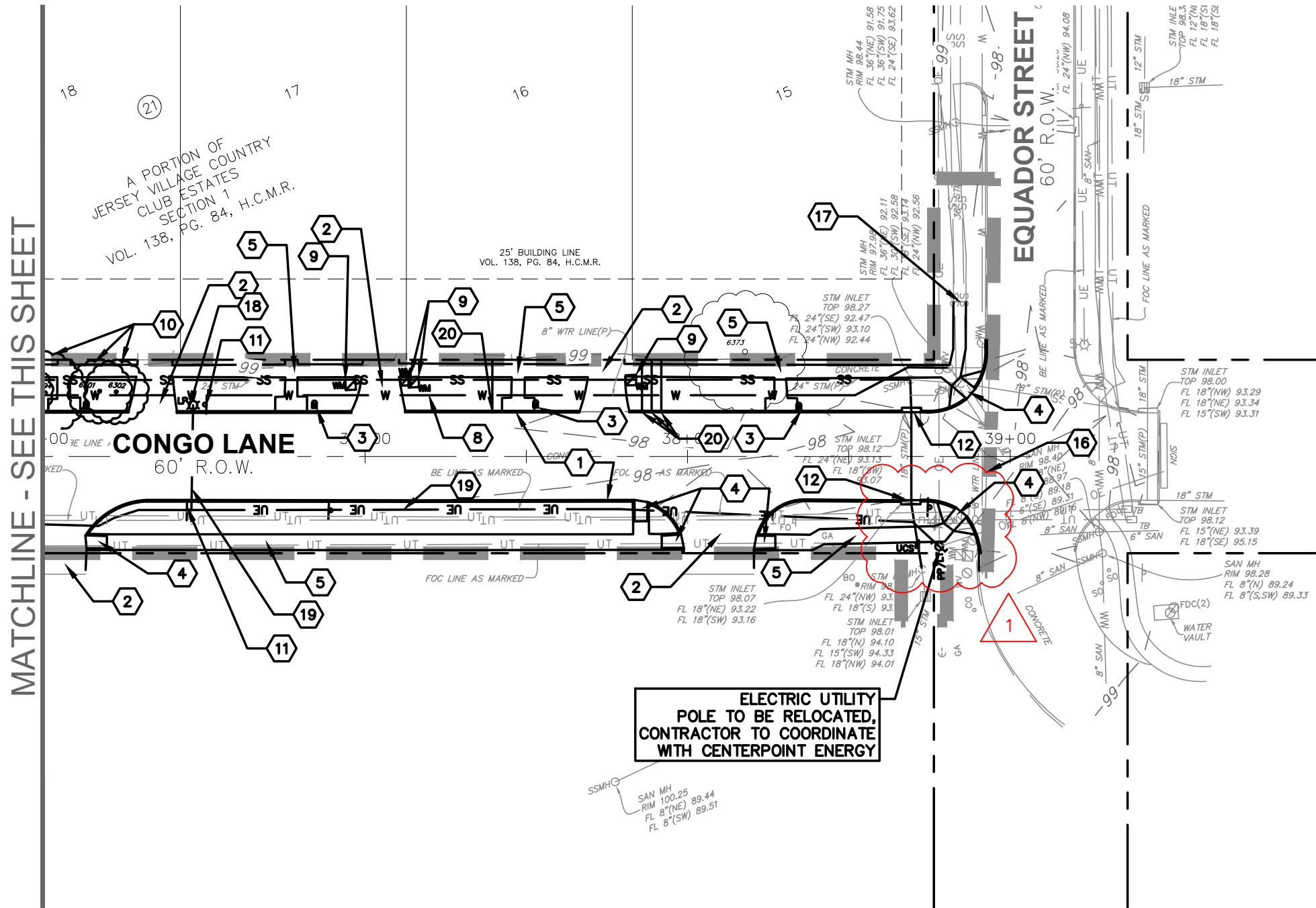


PLAN LEGEND		
EXISTING	DEMOLITION	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		LIGHT POLE
		POWER POLE
		GUY ANCHOR
		SIGN
		MAILBOX
		TELEPHONE BOX
		TELEPHONE VAULT
		FIBER OPTIC SIGN
		UNDERGROUND CABLE SIGN
		BOLLARD
		STUB OUT
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		FIRE DEPARTMENT CONNECTION
		GAS METER
		GAS VALVE
		GRATE INLET
		CURB INLET (SIZE VARIES)
		STORM MANHOLE (SIZE VARIES)
		WASTEWATER MANHOLE (SIZE VARIES)
		WASTEWATER CLEANOUT
		STORM SEWER LINE
		WATER LINE
		WASTEWATER LINE
		GAS LINE
		UNDERGROUND ELECTRIC LINE
		OVERHEAD ELECTRIC LINE
		UNDERGROUND TELEPHONE LINE
		CURB
		CONCRETE SIDEWALK
		TREE
		LIMITS OF CONSTRUCTION

- NOTES:**
- ALL SAWCUTS SHALL BE A NEAT, STRAIGHT LINE.
 - ALL MAILBOXES WILL BE REMOVED AND SALVAGED AND SHALL BE RE-INSTALLED TO EQUAL OR BETTER CONDITION.
 - ANY ELECTRICAL DISTRIBUTION UTILITIES THAT NEED TO BE RELOCATED SHALL BE COORDINATED WITH CENTERPOINT ENERGY.
 - ANY GAS UTILITIES THAT NEED TO BE RELOCATED SHALL BE COORDINATED WITH CENTERPOINT ENERGY.

DEMO KEY NOTES:

- DEMO CURB & REINFORCED CONCRETE PAVEMENT
- DEMO DRIVEWAY
- REMOVE AND SALVAGE EXISTING MAILBOX
- DEMO ADA RAMP
- DEMO REINFORCED CONCRETE SIDEWALK
- DEMO FIRE HYDRANT
- DEMO WATER VALVE
- ABANDON EXISTING WATER LINE IN-PLACE
- DEMO WATER METER
- DEMO EXISTING TREE
- DEMO EXISTING SIGN
- DEMO EXISTING CURB INLET
- DEMO STORM SEWER PIPE
- DEMO STORM SEWER MANHOLE
- DEMO GRATE INLET
- SAWCUT EXISTING CONCRETE PAVEMENT
- SAWCUT EXISTING SIDEWALK
- DEMO EXISTING STREET LIGHT
- DEMO EXISTING STREET LIGHT CONDUIT AND ALL RELATED APPURTANANCES
- EXISTING 3 INCH - 4 INCH PVC DRAIN CONDUIT CONNECTED THROUGH THE CURB TO BE REMOVED AND REPLACED WITH CAST IRON OPENING AND NEW PVC PIPE IN R.O.W. LIMITS.



TREE TABLE		
POINT	SIZE	TYPE
208	10"	CREPE-MYRTLE
1136	9"	OAK
1139	10"	OAK
1142	12"	OAK
1161	13"	CREPE-MYRTLE
1162	13"	CREPE-MYRTLE
1163	11"	CREPE-MYRTLE
1164	9"	CREPE-MYRTLE
1165	6"	CREPE-MYRTLE
1166	6"	CREPE-MYRTLE
1167	9"	CREPE-MYRTLE
1168	6"	CREPE-MYRTLE
1169	7"	CREPE-MYRTLE
1170	15"	CREPE-MYRTLE
1171	6"	CREPE-MYRTLE
1172	10"	CREPE-MYRTLE
1173	7"	CREPE-MYRTLE
1174	13"	CREPE-MYRTLE
1175	10"	CREPE-MYRTLE
1176	8"	CREPE-MYRTLE
1177	9"	CREPE-MYRTLE
1178	15"	CREPE-MYRTLE
1179	7"	CREPE-MYRTLE
1180	7"	CREPE-MYRTLE
1181	7"	CREPE-MYRTLE
1183	15"	TREE
1212	3"	TREE
1213	4"	TREE
1215	4"	TREE
1216	3"	TREE
1302	11"	OAK
1304	15"	OAK
1310	16"	OAK
1315	14"	OAK
1335	18"	PECAN
1399	10"	OAK
1400	12"	OAK
1401	11"	OAK
1430	19"	OAK
1525	12"	OAK
1526	11"	OAK
1531	12"	OAK
1537	6"	CREPE-MYRTLE
1538	6"	CREPE-MYRTLE
1539	6"	CREPE-MYRTLE
1540	6"	CREPE-MYRTLE
1541	6"	CREPE-MYRTLE
1542	6"	CREPE-MYRTLE
1543	6"	CREPE-MYRTLE
1544	6"	CREPE-MYRTLE

TREE TABLE		
POINT	SIZE	TYPE
1545	6"	CREPE-MYRTLE
1546	6"	CREPE-MYRTLE
1548	6"	CREPE-MYRTLE
1549	6"	CREPE-MYRTLE
1550	6"	CREPE-MYRTLE
1551	6"	CREPE-MYRTLE
1552	6"	CREPE-MYRTLE
1553	6"	CREPE-MYRTLE
1554	6"	CREPE-MYRTLE
1555	6"	CREPE-MYRTLE
1556	6"	CREPE-MYRTLE
1557	6"	CREPE-MYRTLE
1558	6"	CREPE-MYRTLE
1559	6"	CREPE-MYRTLE
1583	14"	OAK
1584	14"	OAK
1704	10"	CREPE-MYRTLE
1705	10"	CREPE-MYRTLE
1706	10"	CREPE-MYRTLE
1707	10"	CREPE-MYRTLE
1708	10"	CREPE-MYRTLE
1709	10"	CREPE-MYRTLE
1710	10"	CREPE-MYRTLE
1711	10"	CREPE-MYRTLE
1712	10"	CREPE-MYRTLE
1713	10"	CREPE-MYRTLE
1714	10"	CREPE-MYRTLE
1715	10"	CREPE-MYRTLE
1716	10"	CREPE-MYRTLE
1763	12"	OAK
1801	10"	CREPE-MYRTLE
1802	10"	CREPE-MYRTLE
1803	10"	CREPE-MYRTLE
1804	10"	CREPE-MYRTLE
1805	10"	CREPE-MYRTLE
1806	10"	CREPE-MYRTLE
1807	10"	CREPE-MYRTLE
1808	10"	CREPE-MYRTLE
1809	10"	CREPE-MYRTLE
1810	10"	CREPE-MYRTLE
1811	10"	CREPE-MYRTLE
1812	10"	CREPE-MYRTLE
1813	10"	CREPE-MYRTLE
1814	10"	CREPE-MYRTLE
1815	10"	CREPE-MYRTLE
1817	16"	OAK
1823	13"	OAK
1825	13"	OAK
1840	16"	OAK
1833	9"	OAK

TREE TABLE		
POINT	SIZE	TYPE
2659	3"	TREE
2679	25"	OAK
2685	18"	PECAN
2692	27"	OAK
2716	15"	OAK
2733	24"	OAK
2743	22"	OAK
2800	17"	OAK
2801	17"	OAK
2802	12"	OAK
2803	14"	OAK
2805	20"	OAK
2813	17"	PINE
2814	12"	OAK
2815	11"	OAK
2816	17"	OAK
2817	14"	OAK
2819	13"	OAK
2823	10"	CREPE-MYRTLE
2824	10"	CREPE-MYRTLE
2825	10"	CREPE-MYRTLE
2826	10"	CREPE-MYRTLE
2827	10"	CREPE-MYRTLE
2828	10"	CREPE-MYRTLE
2829	10"	CREPE-MYRTLE
2830	10"	CREPE-MYRTLE
2831	10"	CREPE-MYRTLE
2832	10"	CREPE-MYRTLE
2833	10"	CREPE-MYRTLE
2834	10"	CREPE-MYRTLE
2835	10"	CREPE-MYRTLE
2836	10"	CREPE-MYRTLE
2837	10"	CREPE-MYRTLE
2838	10"	CREPE-MYRTLE
2839	10"	CREPE-MYRTLE
2840	10"	CREPE-MYRTLE
2841	10"	CREPE-MYRTLE
2842	10"	CREPE-MYRTLE
2843	10"	CREPE-MYRTLE
2844	10"	CREPE-MYRTLE
2939	8"	TREE
2941	3"	MAGNOLA
3007	18"	PINE
3074	15"	OAK
3083	16"	OAK
3089	14"	OAK
3090	12"	OAK
3091	14"	OAK
3139	18"	MAGNOLA
3141	9"	MAGNOLA
3149	9"	MAGNOLA

TREE TABLE		
POINT	SIZE	TYPE
3170	13"	MAGNOLA
3171	8"	MAGNOLA
3218	11"	PINE
3232	8"	PINE
3233	4"	PINE
3234	11"	PINE
3235	10"	PINE
3275	11"	OAK
3296	29"	OAK
3351	28"	OAK
3380	24"	OAK
3389	3"	MAGNOLA
3390	6"	MAGNOLA
3566	17"	PINE
3668	6"	OAK
3682	5"	TREE
3708	24"	OAK
3709	18"	OAK
3725	5"	CM
3740	15"	OAK
3824	19"	OAK
3826	9"	OAK
3831	28"	OAK
3856	32"	OAK
3857	14"	OAK
3872	15"	OAK
3883	10"	CREPE-MYRTLE
3885	10"	CREPE-MYRTLE
3886	10"	CREPE-MYRTLE
3887	10"	CREPE-MYRTLE
3888	10"	CREPE-MYRTLE
3959	10"	CREPE-MYRTLE
3960	10"	CREPE-MYRTLE
4105	4"	TREE
4121	4"	CREPE-MYRTLE
4152	4"	CREPE-MYRTLE
4166	11"	PINE
4172	14"	OAK
4173	16"	OAK
4189	6"	CM
4190	16"	OAK
4255	6"	TREE
4256	9"	TREE
4257	7"	TREE
4270	4"	TREE
4271	6"	TREE
4343	4"	TREE
4344	2"	TREE
4345	4"	TREE
4346	6"	TREE
4347	2"	TREE

TREE TABLE		
POINT	SIZE	TYPE
4410	15"	OAK
4421	24"	OAK
4460	5"	CREPE-MYRTLE
4614	24"	OAK
4625	11"	OAK
4643	6"	CM
4820	29"	OAK
4862	3"	TREE
5035	2"	OAK
5036	24"	OAK
5043	2"	OAK
5099	2"	OAK
5117	5"	CREPE-MYRTLE
5118	6"	CREPE-MYRTLE
5152	16"	OAK
5153	12"	OAK
5158	20"	OAK
5160	22"	OAK
5162	16"	OAK
5163	18"	OAK
5227	24"	OAK
5232	12"	OAK
5429	24"	OAK
5587	14"	TALLOW
5671	14"	PINE
5685	14"	PINE
5686	14"	PINE
5720	5"	CREPE-MYRTLE
5721	12"	CREPE-MYRTLE
5722	12"	CREPE-MYRTLE
5724	7"	CREPE-MYRTLE
5725	15"	CREPE-MYRTLE
5726	15"	TREE
5823	14"	OAK
5825	14"	PINE
5826	11"	PINE
5888	21"	OAK
5899	7"	SAGO
5900	7"	SAGO
5984	12"	TREE
5985	12"	TREE
6048	17"	OAK
6049	21"	OAK
6161	19"	OAK
6279	15"	CREPE-MYRTLE
6280	10"	CREPE-MYRTLE
6294	13"	CREPE-MYRTLE
6301	10"	CREPE-MYRTLE
6302	10"	CREPE-MYRTLE
6373	19"	OAK

TREE TABLE		
POINT	SIZE	TYPE
6907	18"	OAK
7000	40"	OAK
7068	13"	CREPE-MYRTLE
7069	13"	CREPE-MYRTLE
7070	14"	CREPE-MYRTLE
7071	10"	CREPE-MYRTLE
7072	6"	CREPE-MYRTLE
7073	9"	CREPE-MYRTLE
7074	6"	CREPE-MYRTLE
7075	9"	CREPE-MYRTLE
7076	10"	CREPE-MYRTLE
7077	7"	CREPE-MYRTLE
7078	9"	CREPE-MYRTLE
7079	12"	CREPE-MYRTLE
7080	7"	CREPE-MYRTLE
7081	10"	CREPE-MYRTLE
7082	14"	CREPE-MYRTLE
7083	10"	CREPE-MYRTLE
7084	14"	CREPE-MYRTLE
7158	18"	OAK
7193	24"	OAK
7196	21"	OAK
7245	10"	CREPE-MYRTLE
20208	10"	CREPE-MYRTLE

NOTE:
R = TREE TO BE REMOVED

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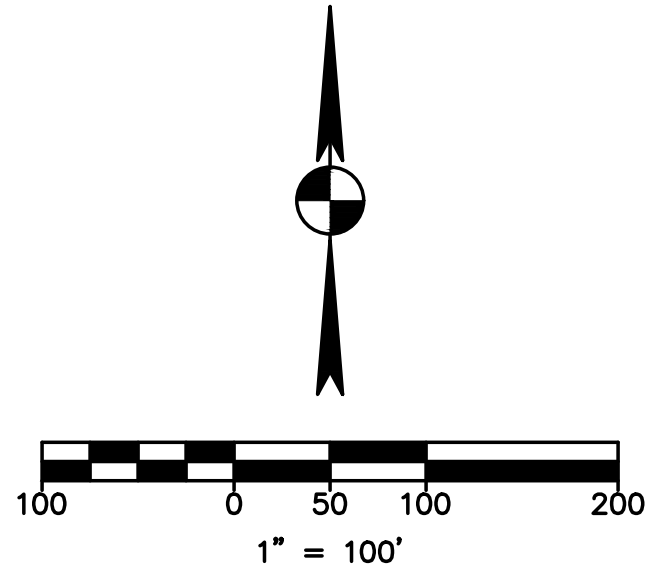
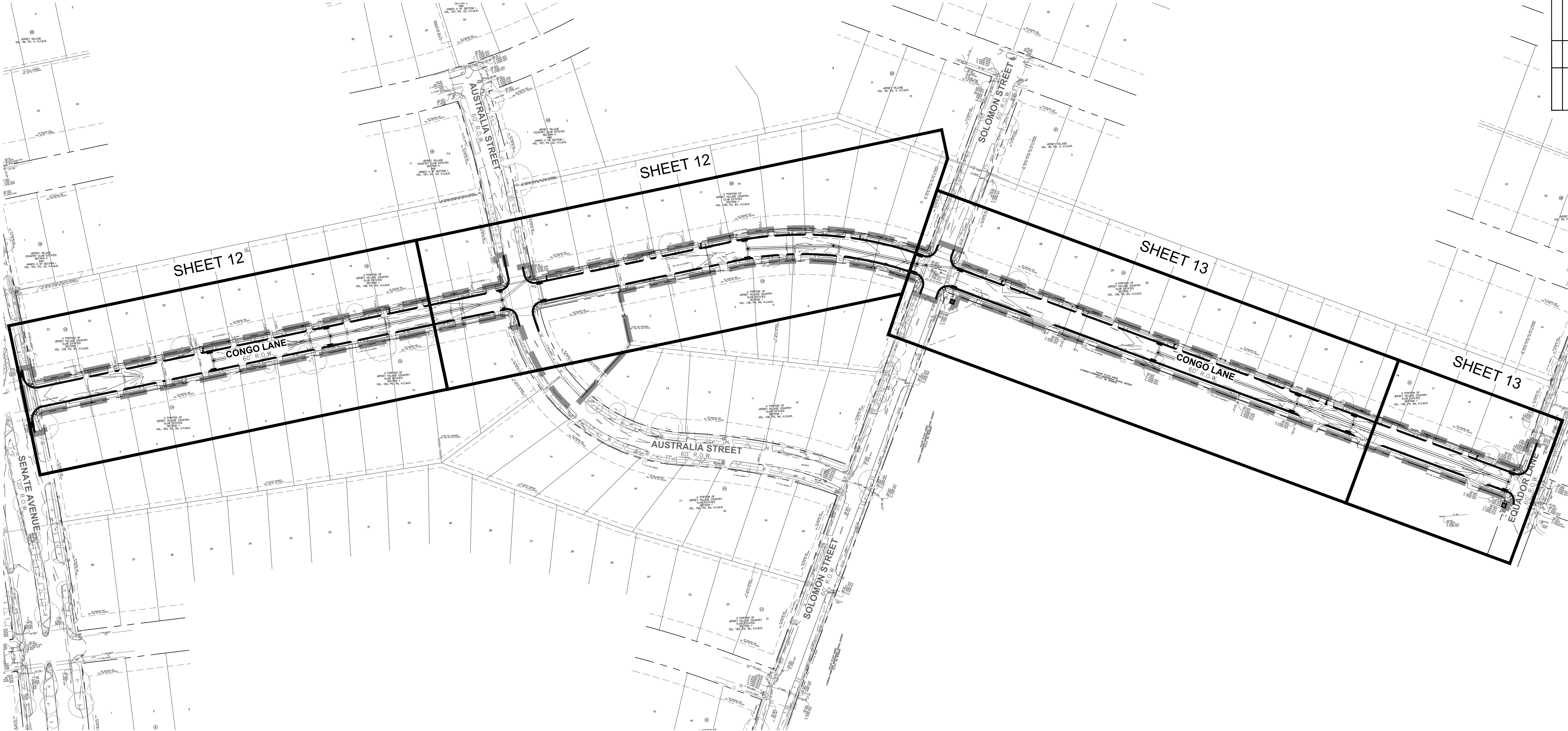
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TEXAS STAR COMMUNITY

BILAL A. ALIZA
92792
PROFESSIONAL ENGINEER
05-17-2024

EXISTING CONDITIONS
& DEMOLITION PLAN B

CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS
CITY OF JERSEY VILLAGE

DRAWN BY:	CM, RC
DESIGNED BY:	BAA, PG
QA/QC:	BAA
PROJECT NO.:	113756-0002



OVERALL EROSION & SEDIMENTATION CONTROL LAYOUT

CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

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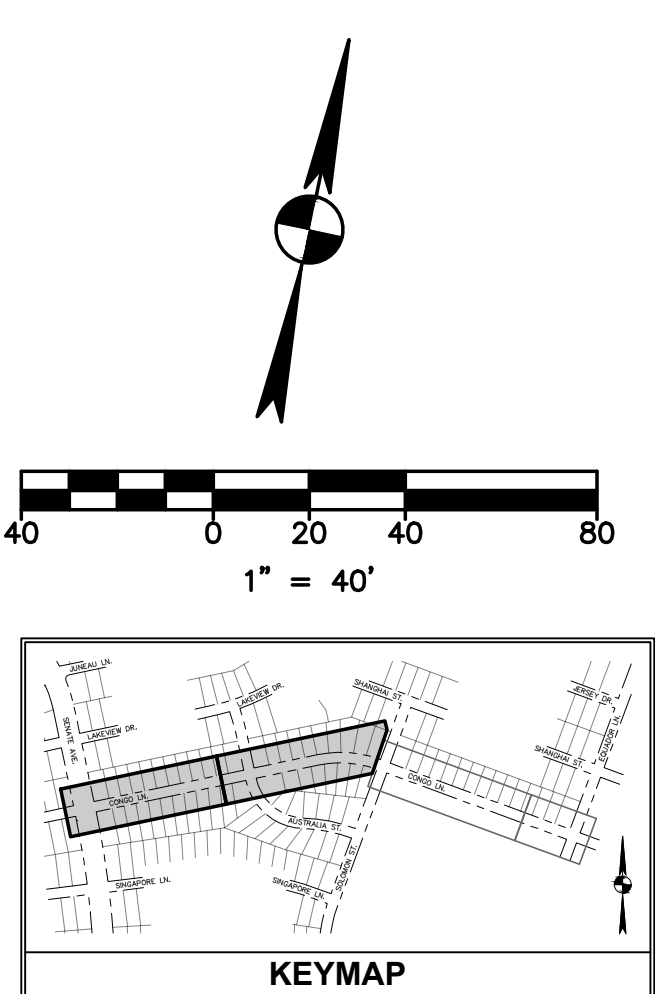
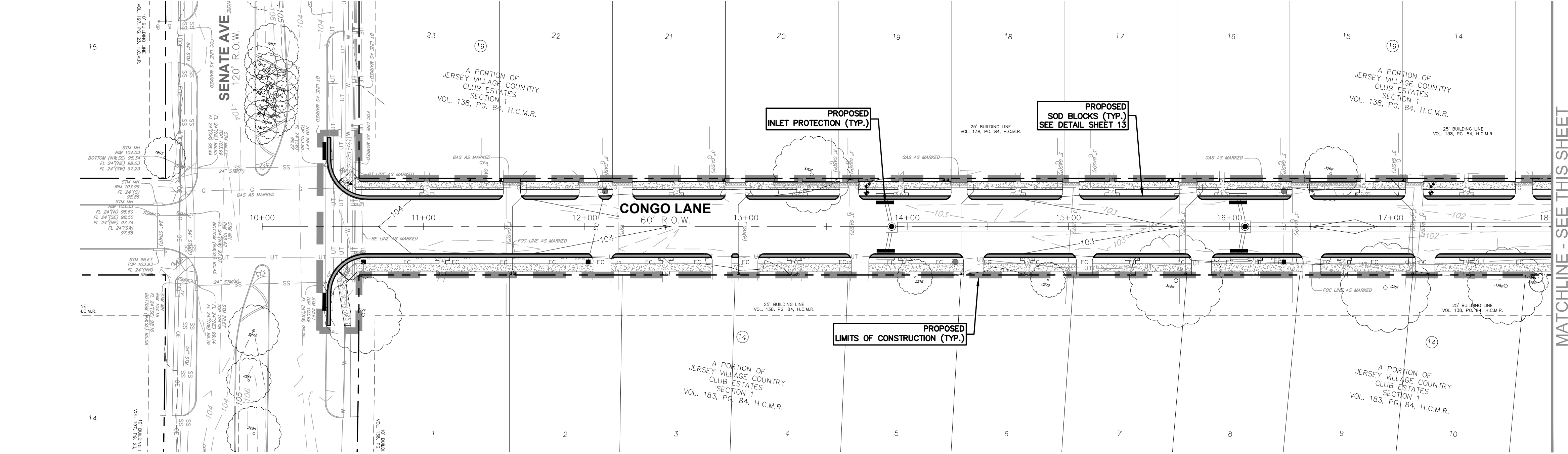
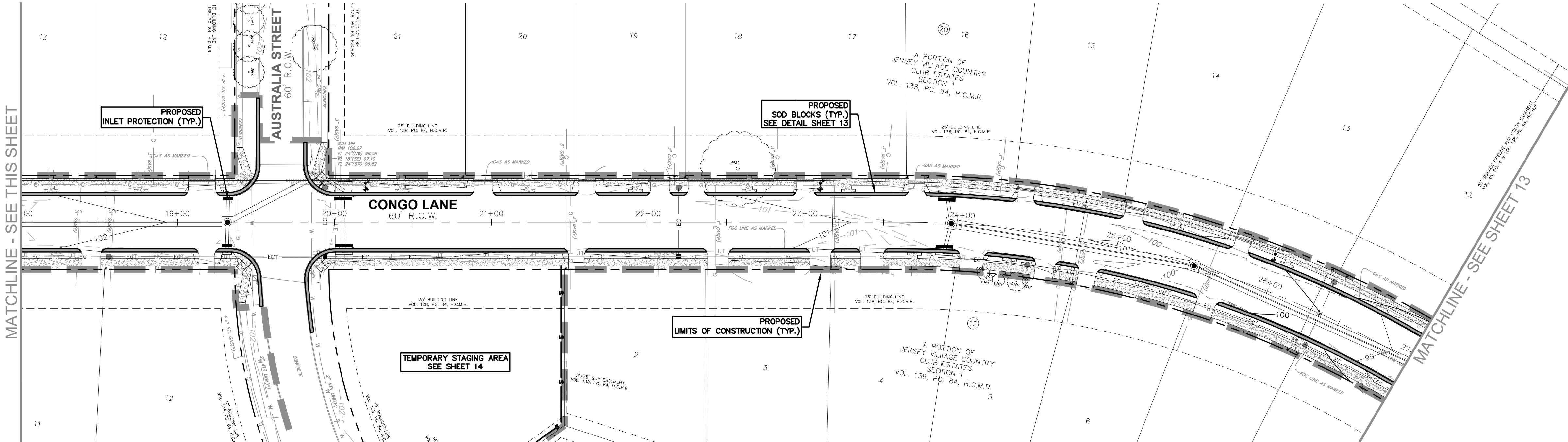
BILAL A. ALIZAI

92792

PROFESSIONAL ENGINEER

03-22-2024

DRAWN BY: CM, RC
DESIGNED BY: BAA, PG
QA / QC: BAA
PROJECT NO.: 113756-00002



PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
PP-C	Light Pole	PROPERTY LINE / R.O.W. LINE
GA-C	Down Guy	LIGHT POLE
EPB	Electric Pull Box	DOWN GUY
PH	Fire Hydrant	ELECTRIC PULL BOX
WM	Water Meter	SIGN
WD	Water Department Connection	FIRE HYDRANT
FD	Gas Meter	WATER VALVE
SSMH	Grate Inlet	WATER METER
SSMH	Storm Manhole	FIRE DEPARTMENT CONNECTION
SS	Storm Junction Box	GAS METER
SS	Storm Manhole	GRATE INLET
SS	Storm Junction Box	CURB INLET (SIZE VARIES)
SS	Storm Manhole	STORM MANHOLE (SIZE VARIES)
SS	Storm Junction Box	STORM JUNCTION BOX (SIZE VARIES)
SS	Storm Manhole	WASTEWATER MANHOLE (SIZE VARIES)
SS	Storm Junction Box	WASTEWATER CLEANOUT
SS	Storm Manhole	STORMSEWER LINE
SS	Storm Junction Box	WATER LINE
SS	Storm Manhole	WASTEWATER LINE
SS	Storm Junction Box	GAS LINE
SS	Storm Manhole	UNDERGROUND ELECTRIC LINE
SS	Storm Junction Box	OVERHEAD ELECTRIC LINE
SS	Storm Manhole	UNDERGROUND TELEPHONE LINE
SS	Storm Junction Box	ELECTRIC CONDUIT
SS	Storm Manhole	CURB
SS	Storm Junction Box	CONCRETE SIDEWALK
SS	Storm Manhole	WATER LINE BORE
SS	Storm Junction Box	TREE
SS	Storm Manhole	LIMITS OF CONSTRUCTION
SS	Storm Junction Box	SILT FENCE
SS	Storm Manhole	SOD BLOCKS
SS	Storm Junction Box	HAY BALES
SS	Storm Manhole	INLET PROTECTION
SS	Storm Junction Box	STABILIZED CONSTRUCTION ENTRANCE/ TEMPORARY SPOILS/STAGING AREA

811
Know what's below.
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DESIGNED BY: BAA, PG

QA / QC: BAA

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CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

EROSION &
SEDIMENTATION
CONTROL PLAN A

03-22-2024

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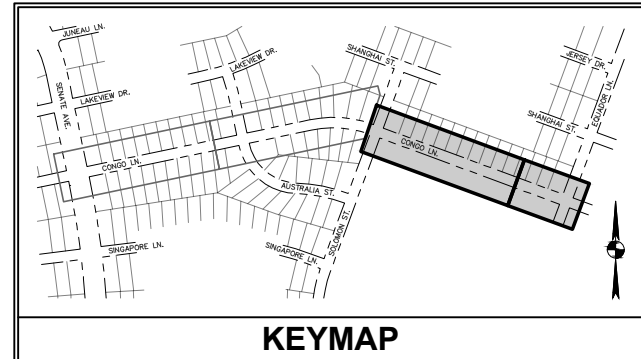
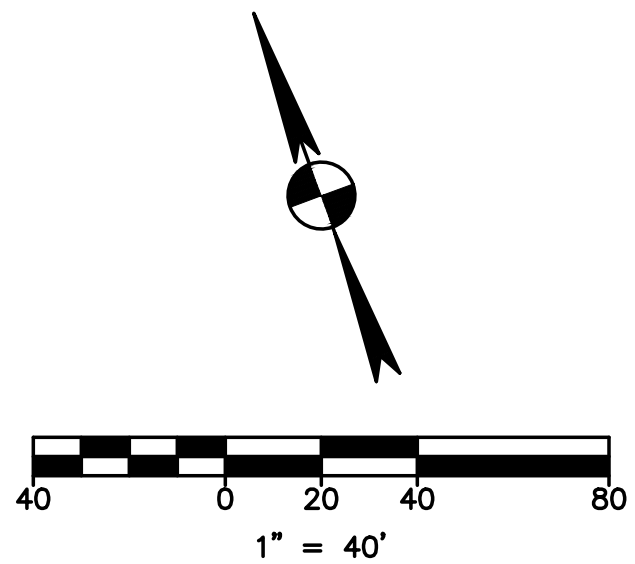
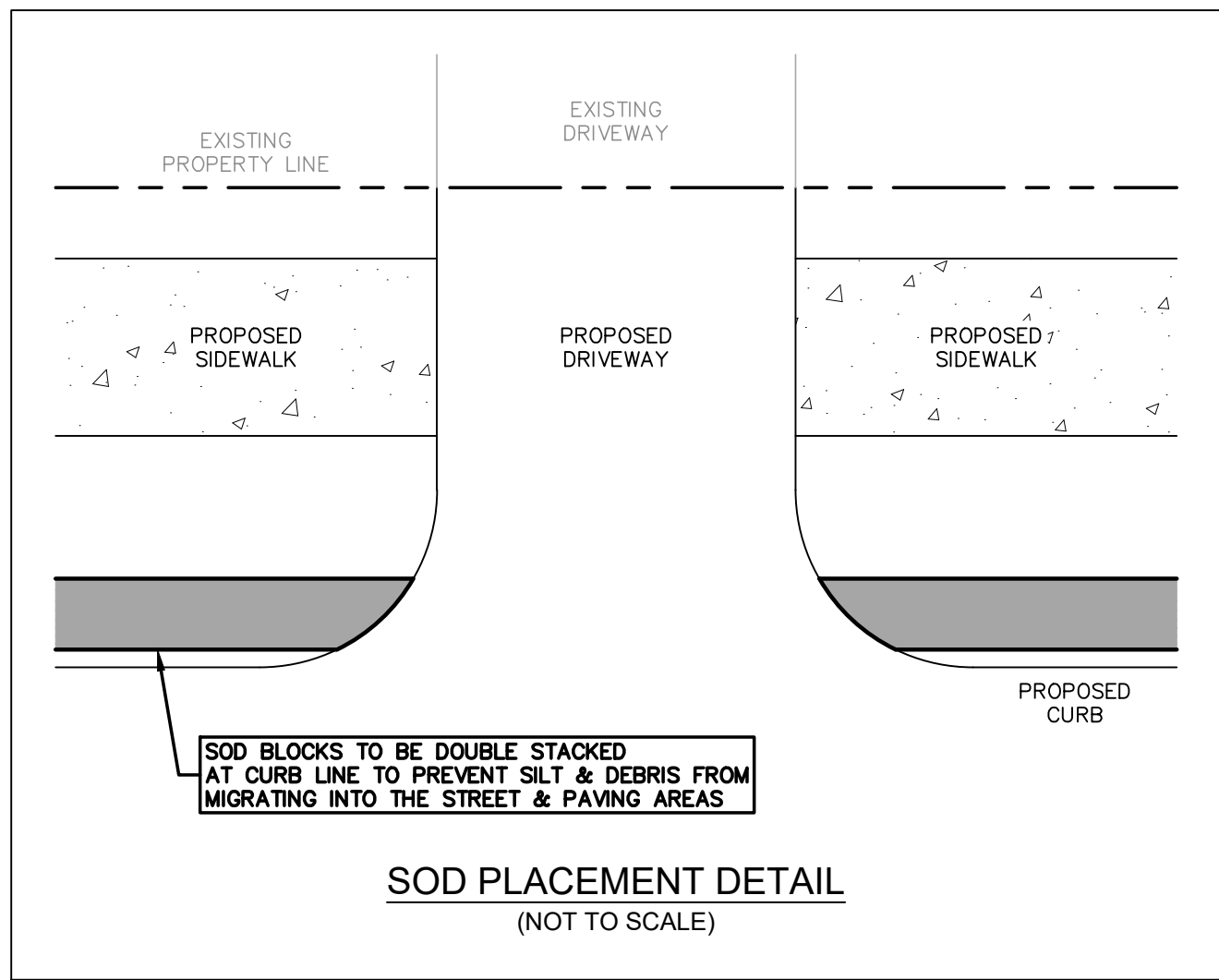
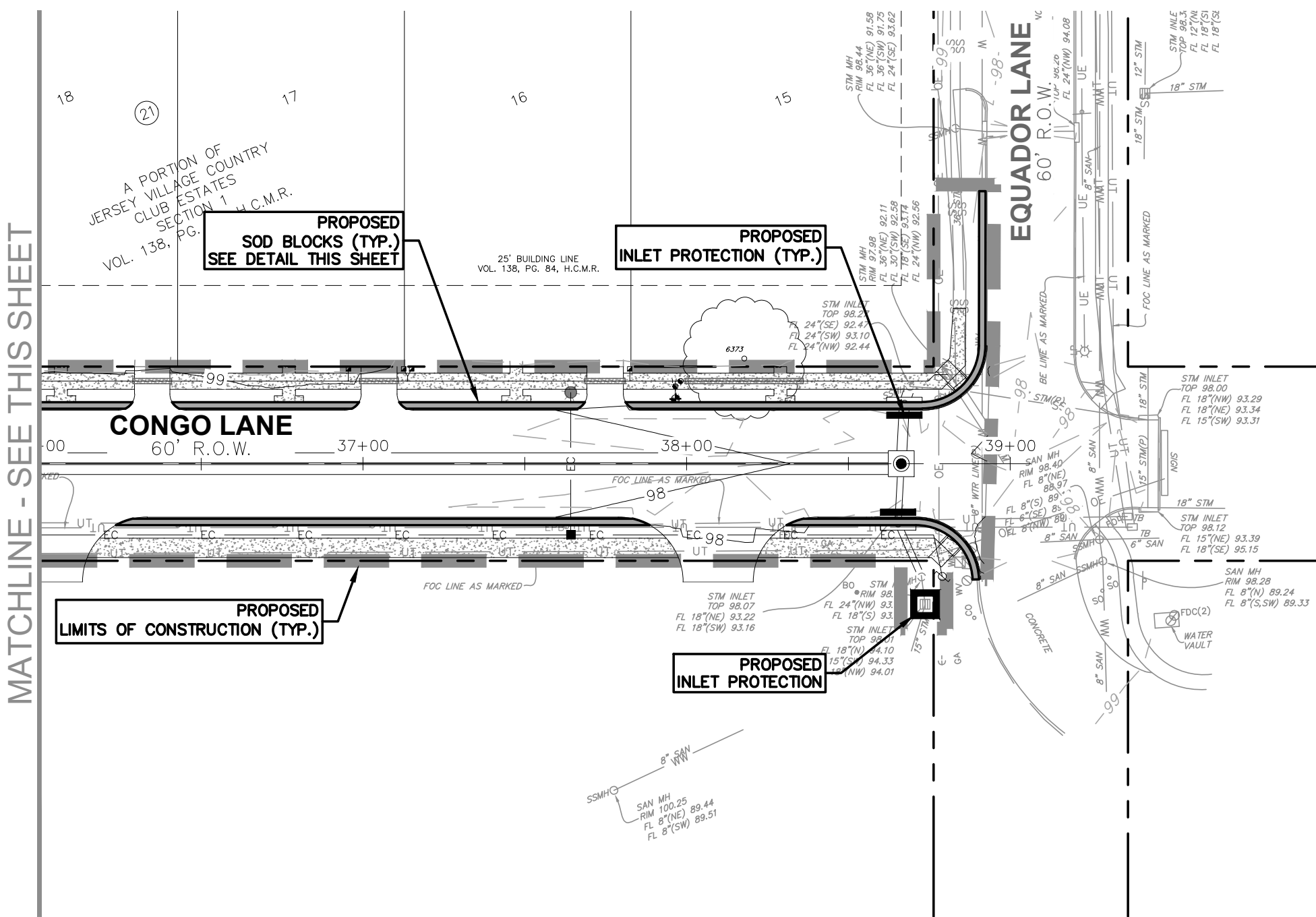
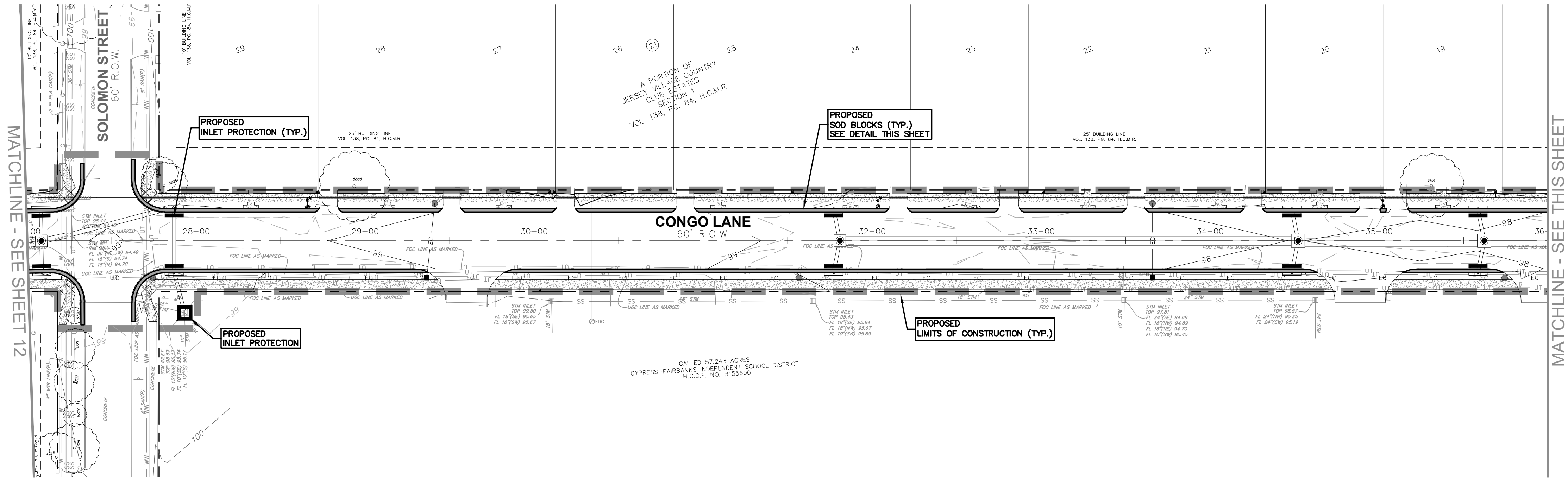
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STATE OF TEXAS

BILAL A. ALIZAI
92792
Professional Engineer

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PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE / R.O.W. LINE
PP	PP	LIGHT POLE
GP	GP	POWER POLE
GC	GC	DOWN GUY
EPB	EPB	ELECTRIC PULL BOX
PH	PH	SIGN
WH	WH	FIRE HYDRANT
WM	WM	WATER VALVE
FD	FD	WATER METER
FC	FC	FIRE DEPARTMENT CONNECTION
GM	GM	GAS METER
GV	GV	GAS VALVE
GI	GI	GRATE INLET
CI	CI	CURB INLET (SIZE VARIES)
SMH	SMH	STORM MANHOLE (SIZE VARIES)
SMH	SMH	STORM JUNCTION BOX (SIZE VARIES)
SMH	SMH	WASTEWATER MANHOLE (SIZE VARIES)
CO	CO	WASTEWATER CLEANOUT
SS	SS	STORMSEWER LINE
W	W	WATER LINE
WW	WW	WASTEWATER LINE
G	G	GAS LINE
UE	UE	UNDERGROUND ELECTRIC LINE
OE	OE	OVERHEAD ELECTRIC LINE
UT	UT	UNDERGROUND TELEPHONE LINE
EC	EC	ELECTRIC CONDUIT
100	100	CURB
---	---	CONCRETE SIDEWALK
---	---	WATER LINE BORE
T	T	TREE
S	S	LIMITS OF CONSTRUCTION
S	S	SILT FENCE
S	S	SOD BLOCKS
S	S	HAY BALES
I	I	INLET PROTECTION
I	I	STABILIZED CONSTRUCTION ENTRANCE/ TEMPORARY SPOILS/STAGING AREA

EROSION & SEDIMENTATION CONTROL PLAN B

CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

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DESIGNED BY: BAA, PG
QA / QC: BAA
PROJECT NO.: 113756-00002

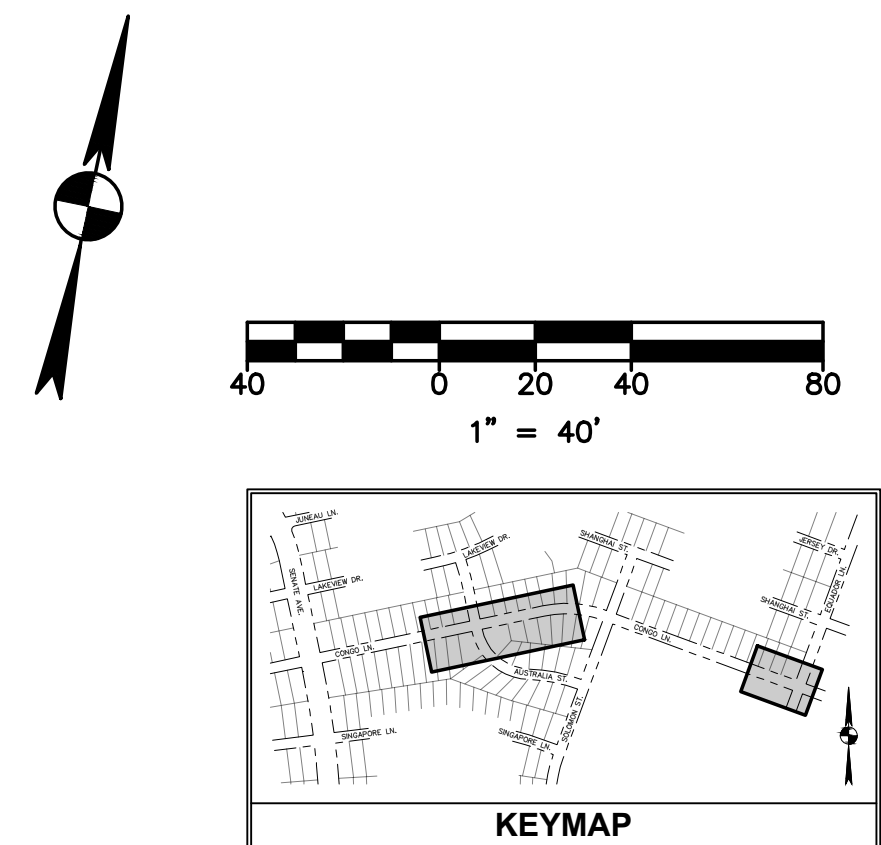
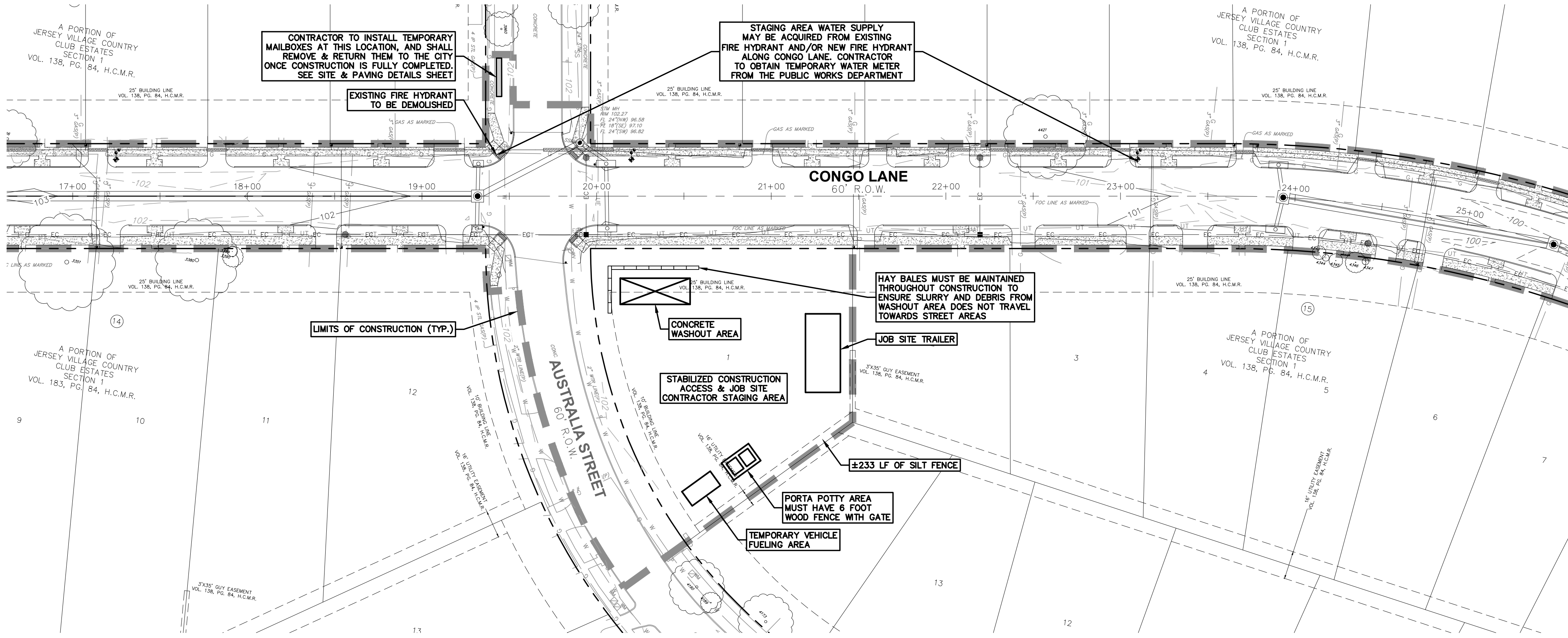
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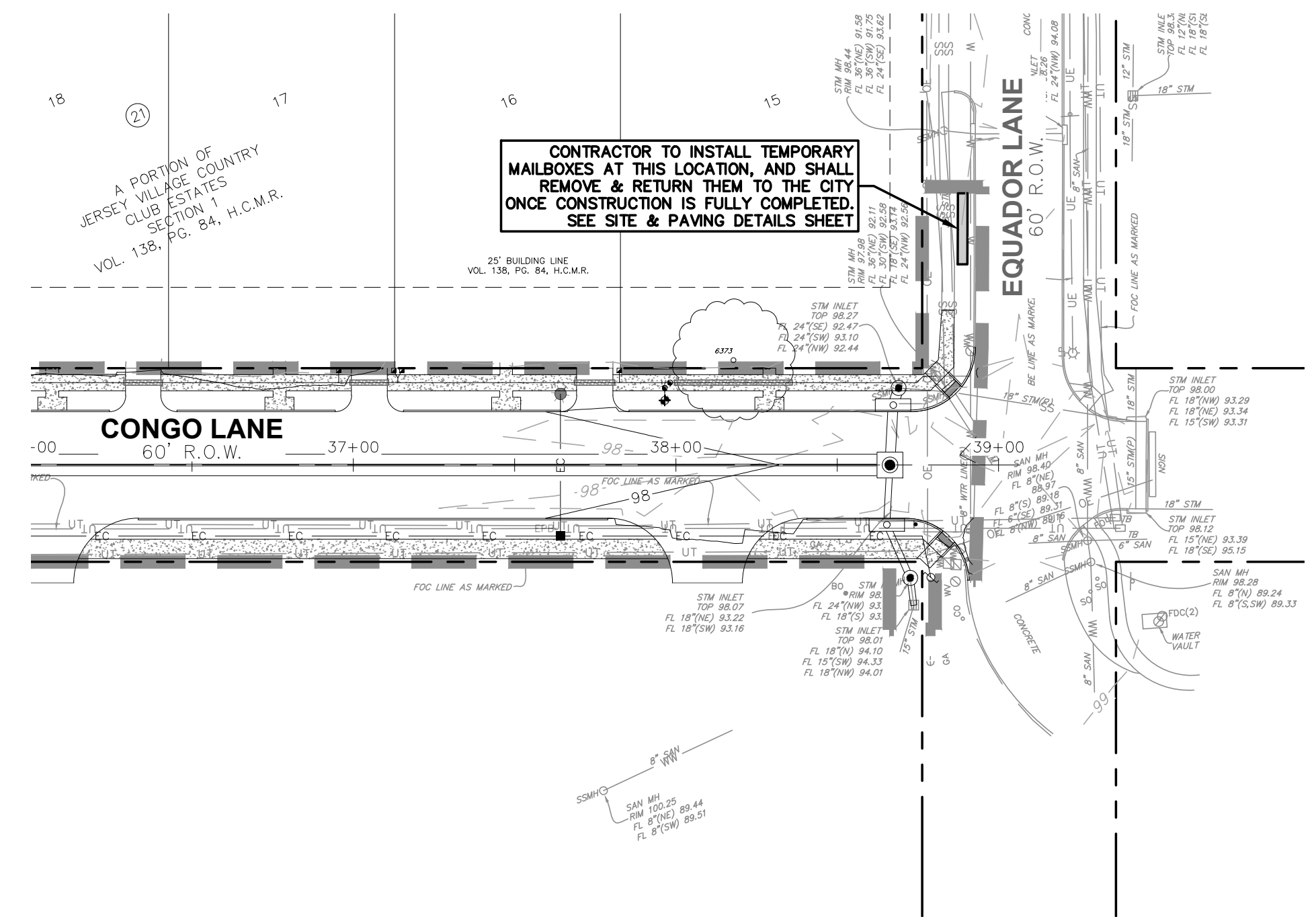
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PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
PP+/-	●	PROPERTY LINE / R.O.W. LINE
PP-/-	●	LIGHT POLE
GA-/-	●	POWER POLE
PH+/-	●	DOWN GUY
WM+/-	●	ELECTRIC PULL BOX
WM-/-	●	SIGN
WM+/-	●	FIRE HYDRANT
WM-/-	●	WATER VALVE
WM+/-	●	WATER METER
WM-/-	●	FIRE DEPARTMENT CONNECTION
WM+/-	●	GAS METER
WM-/-	●	GAS VALVE
WM+/-	●	GRATE INLET
WM-/-	●	CURB INLET (SIZE VARIES)
WM+/-	●	STORM MANHOLE (SIZE VARIES)
WM-/-	●	STORM JUNCTION BOX (SIZE VARIES)
WM+/-	●	WASTEWATER MANHOLE (SIZE VARIES)
WM-/-	●	WASTEWATER CLEANOUT
WM+/-	●	STORMSEWER LINE
WM-/-	●	WATER LINE
WM+/-	●	WASTEWATER LINE
WM-/-	●	GAS LINE
WM+/-	●	UNDERGROUND ELECTRIC LINE
WM-/-	●	OVERHEAD ELECTRIC LINE
WM+/-	●	UNDERGROUND TELEPHONE LINE
WM-/-	●	ELECTRIC CONDUIT
WM+/-	●	CONTOUR
WM-/-	●	CONCRETE SIDEWALK
WM+/-	●	WATER LINE BORE
WM-/-	●	TREE
WM+/-	●	LIMITS OF CONSTRUCTION
WM-/-	●	SILT FENCE
WM+/-	●	SOD BLOCKS
WM-/-	●	HAY BALES
WM+/-	●	INLET PROTECTION
WM-/-	●	STABILIZED CONSTRUCTION ENTRANCE/ TEMPORARY SPOILS/STAGING AREA



TEMPORARY STAGING AREA & MAILBOX RELOCATION PLAN

CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

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DESIGNED BY: BAA, PG
QA / QC: BAA
PROJECT NO.: 113756-0002

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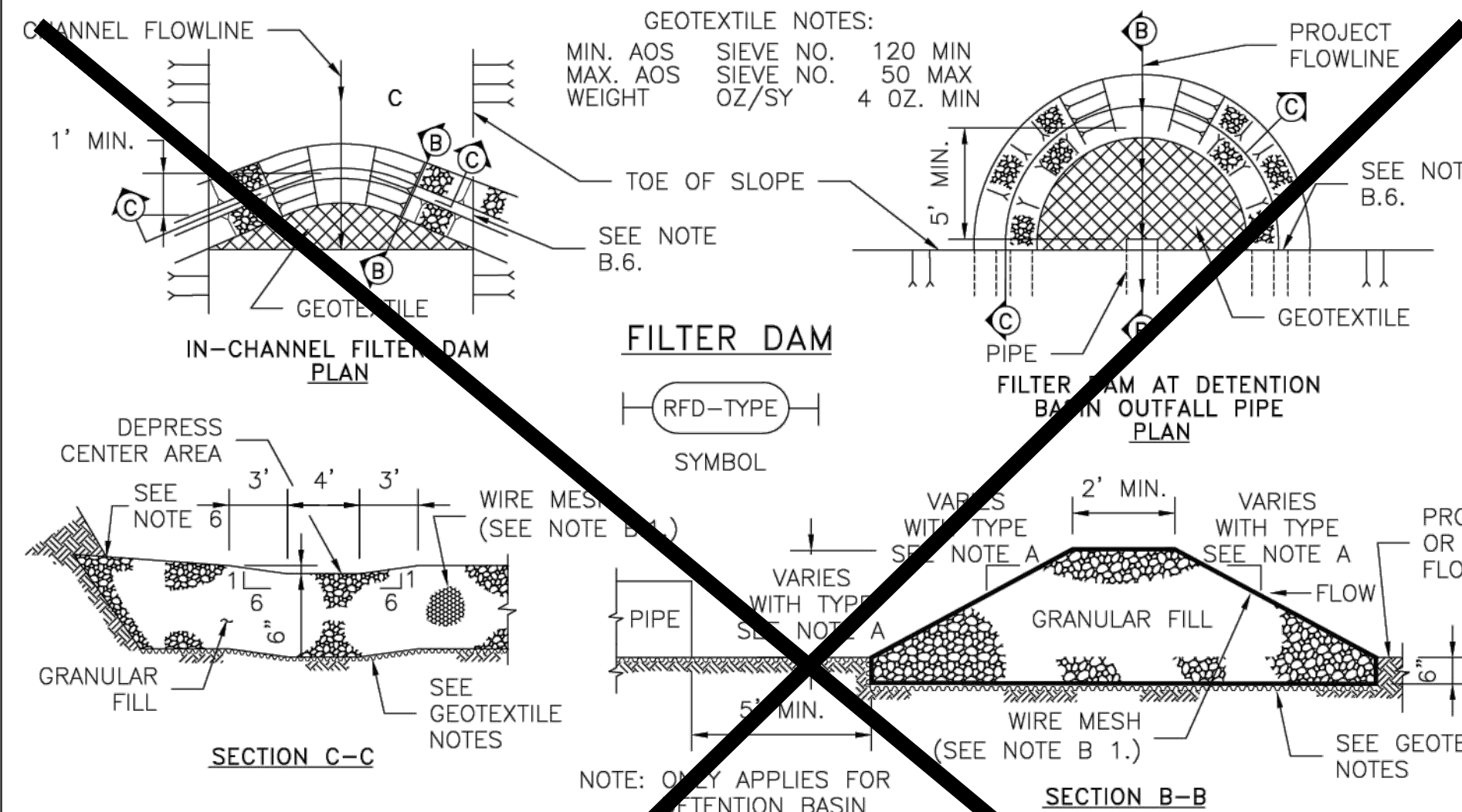
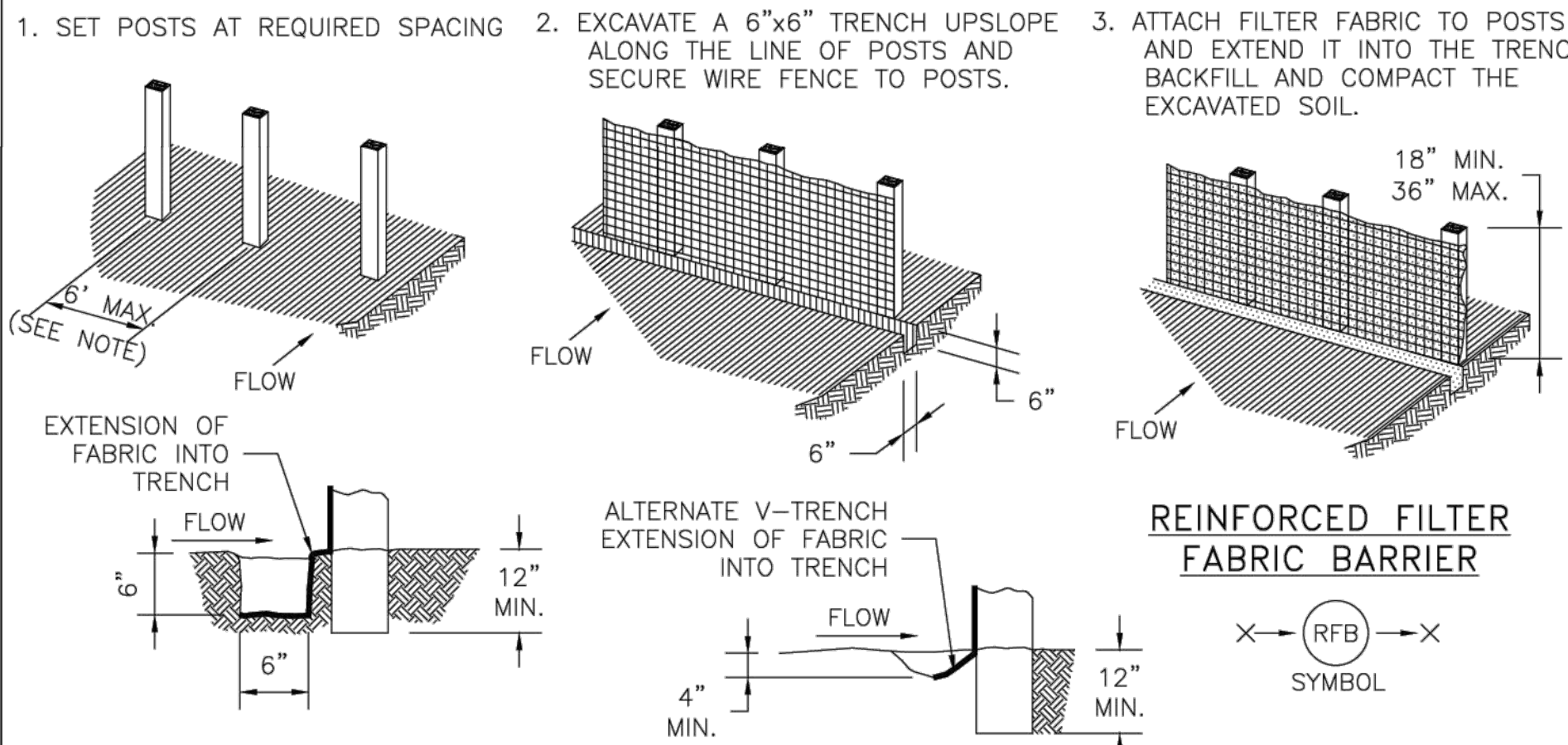
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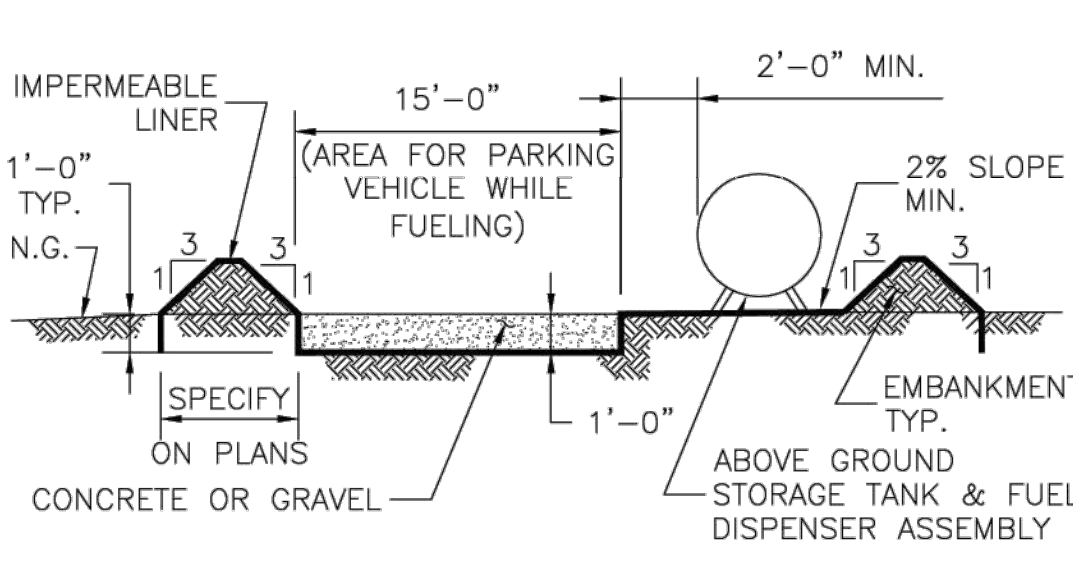
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DATE	

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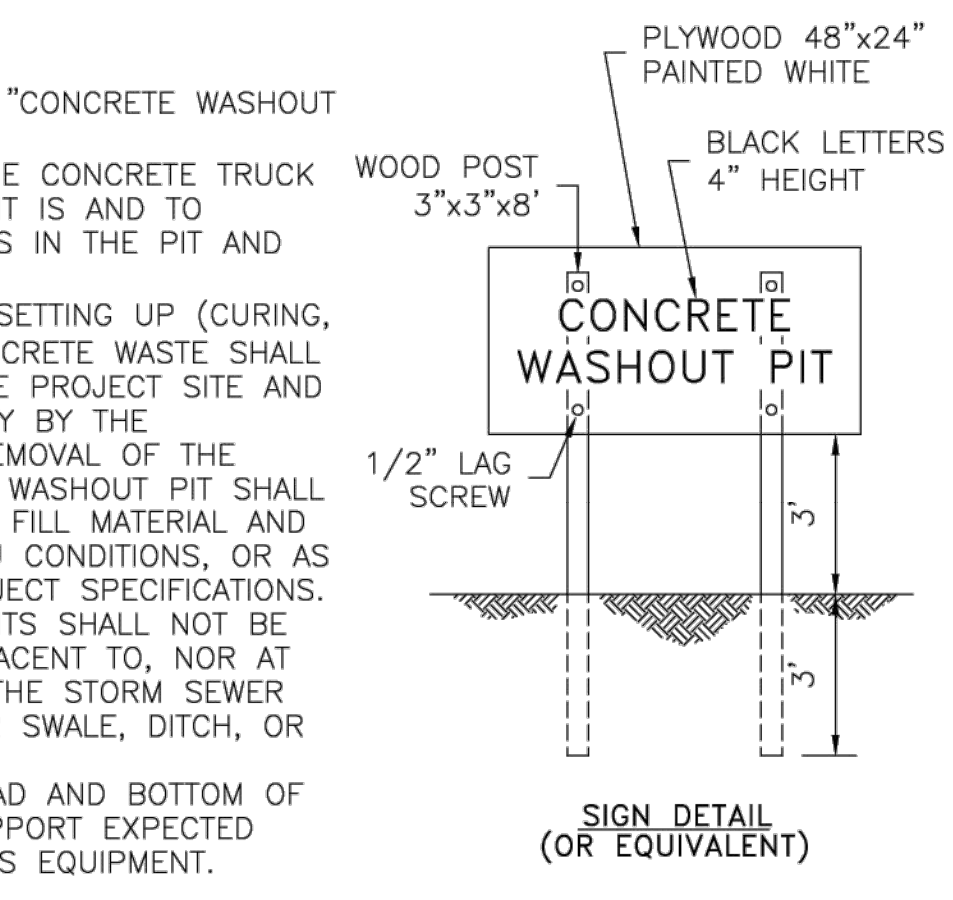
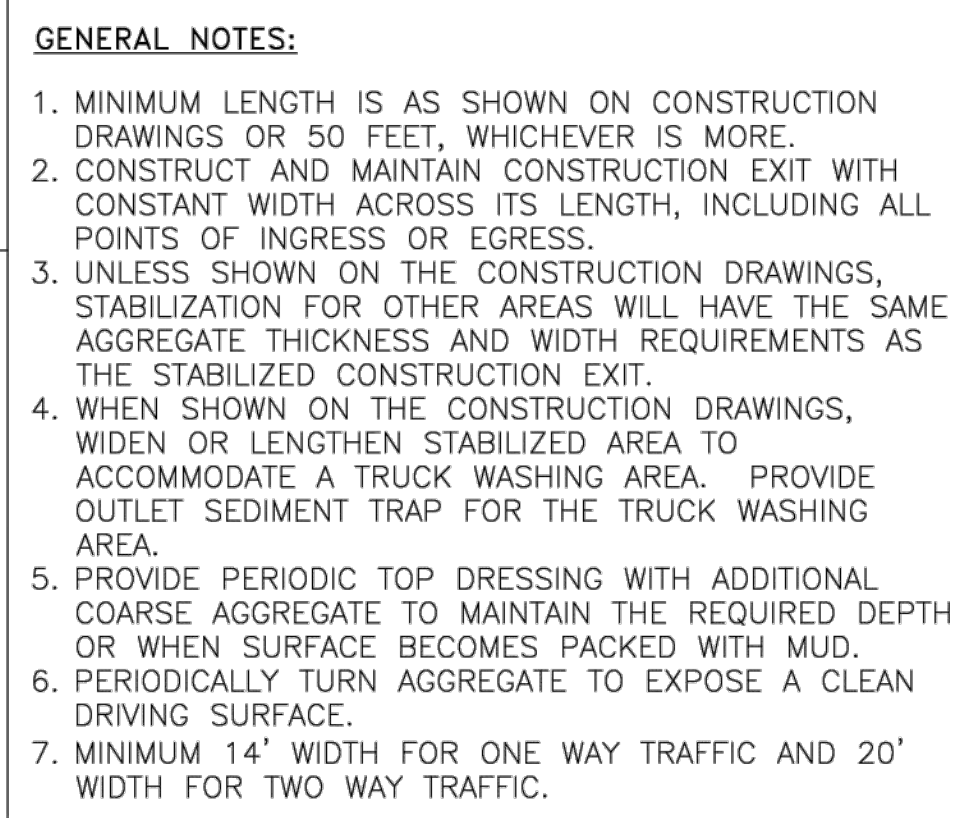
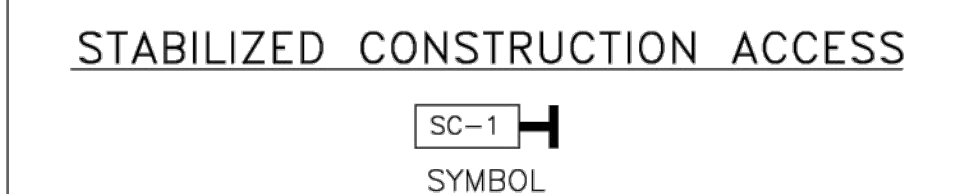
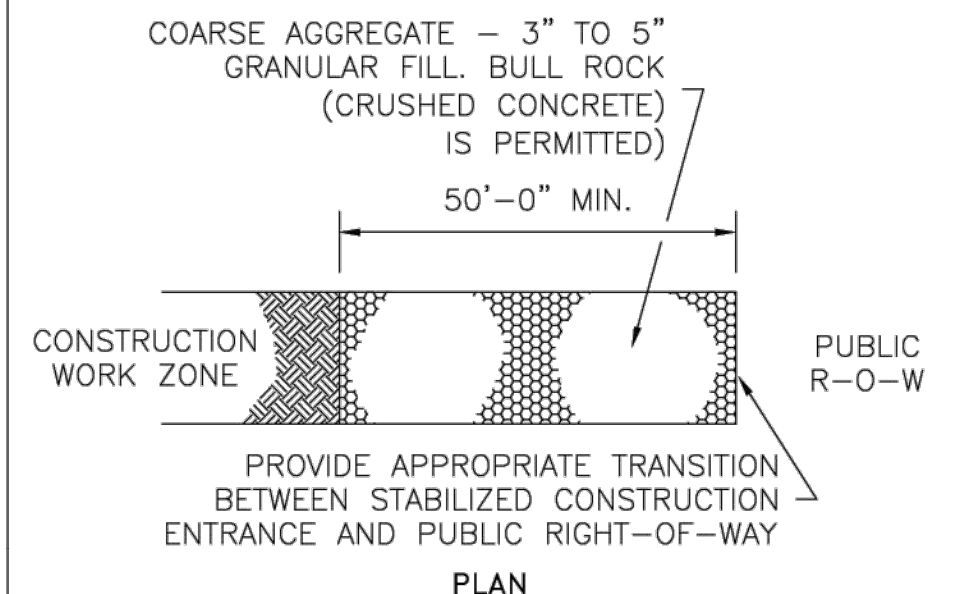
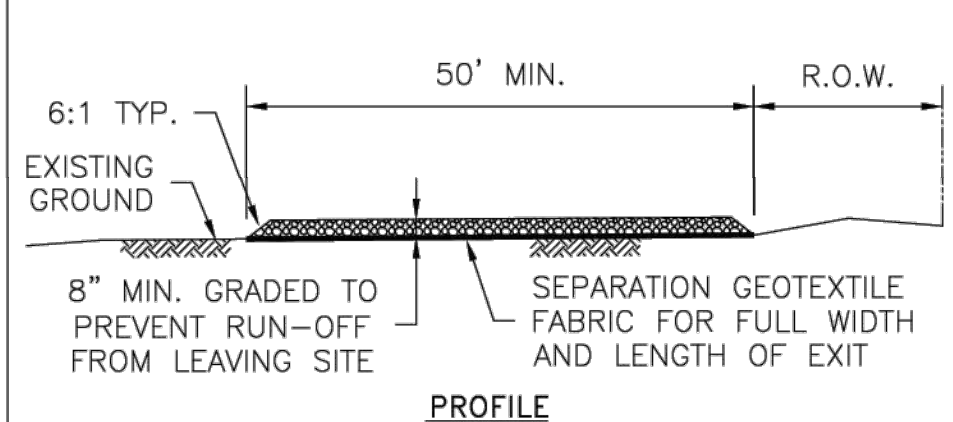
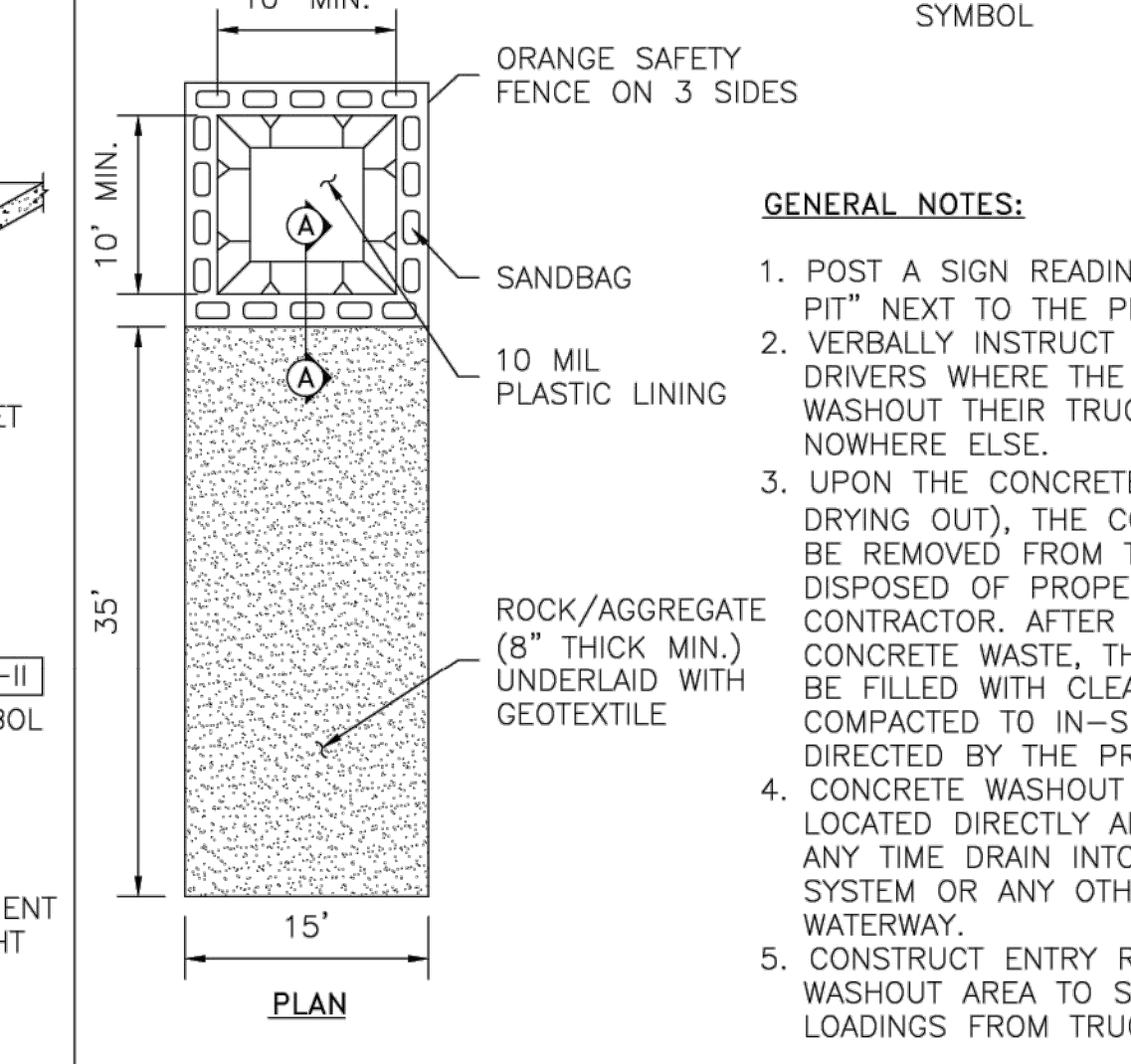
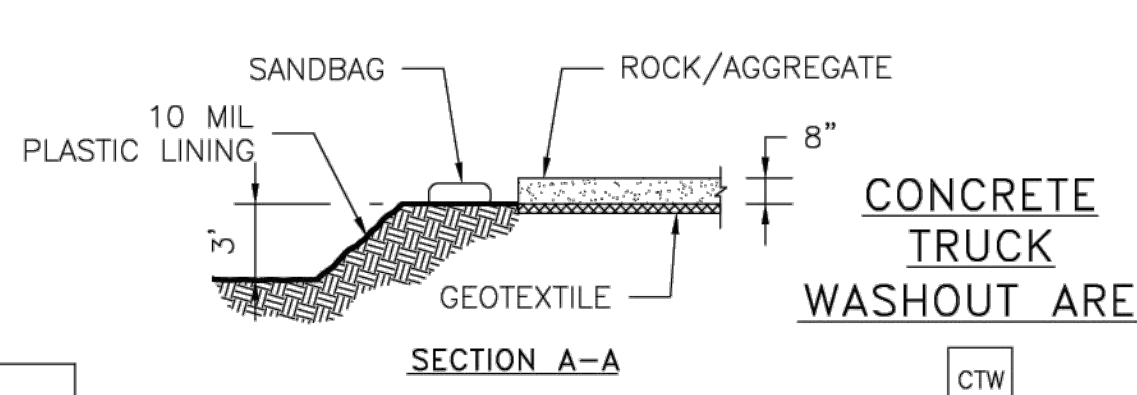
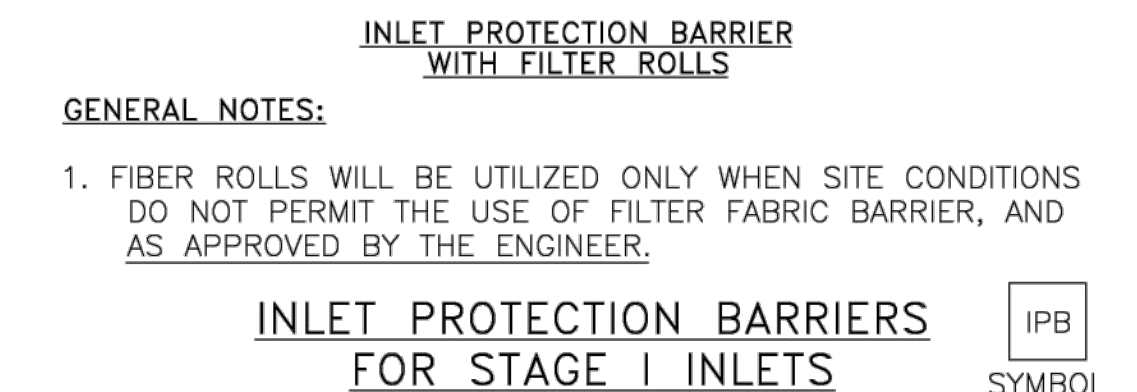
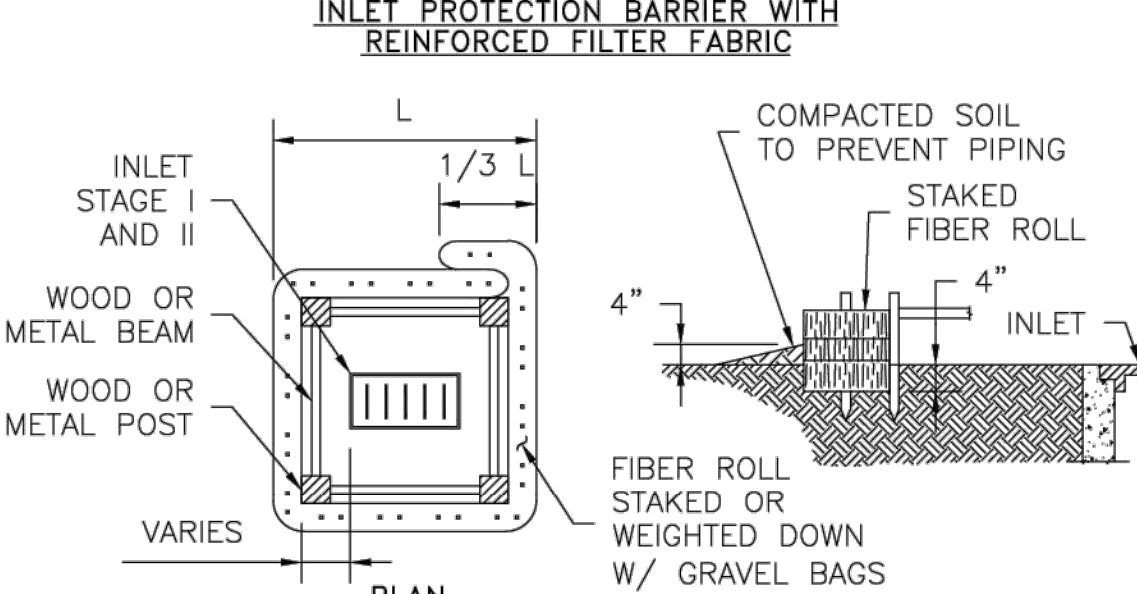
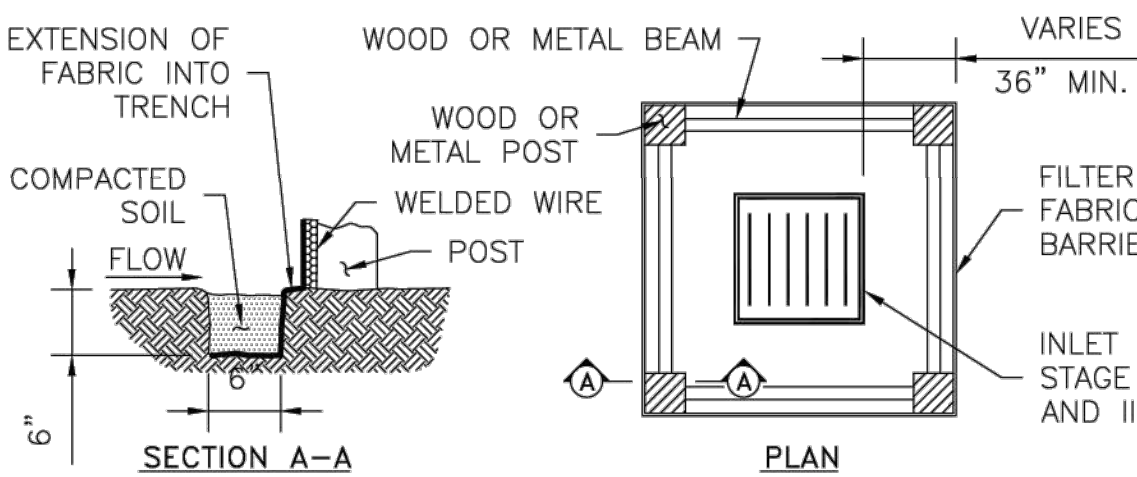
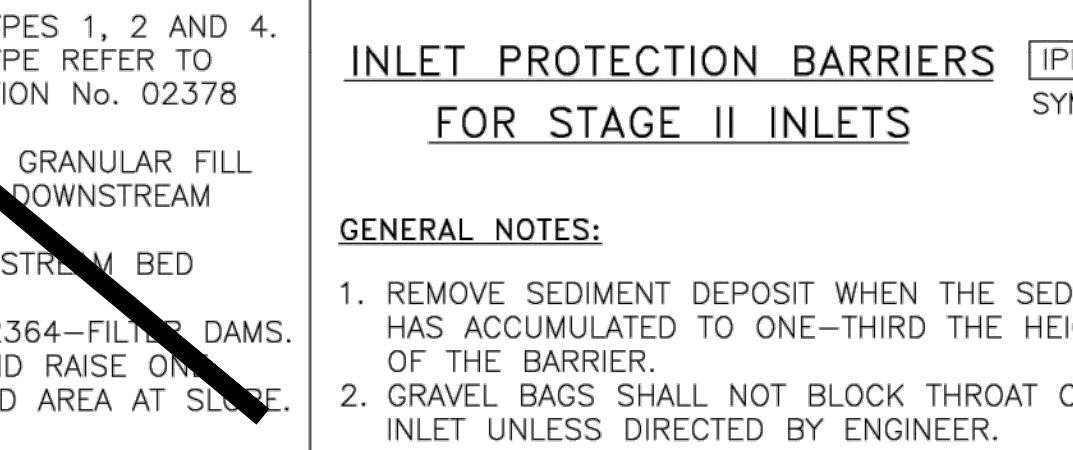
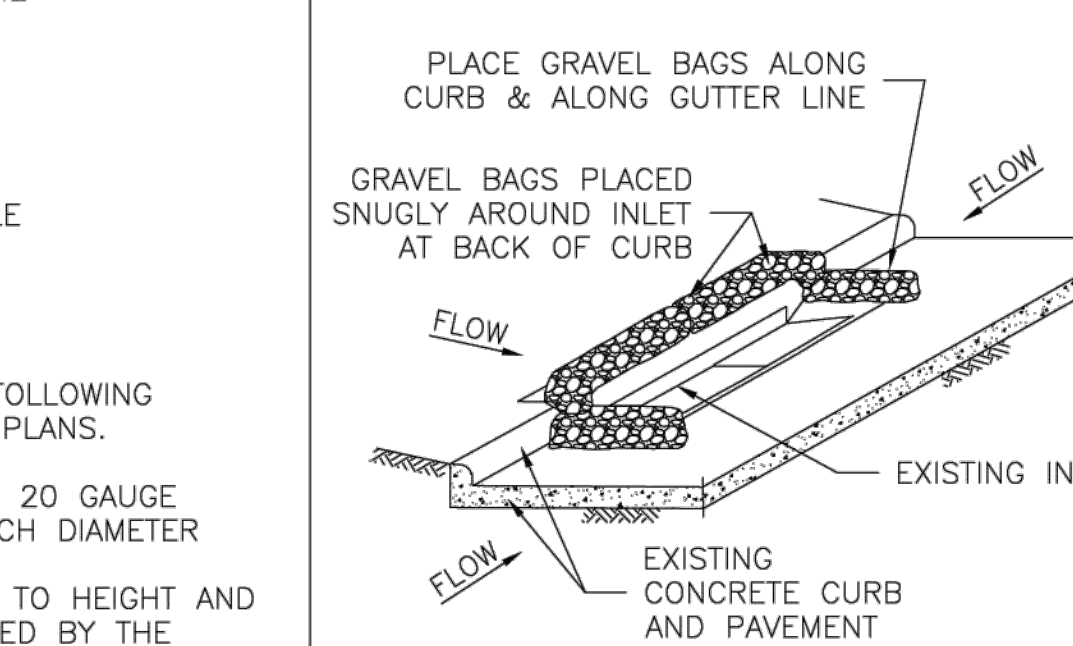
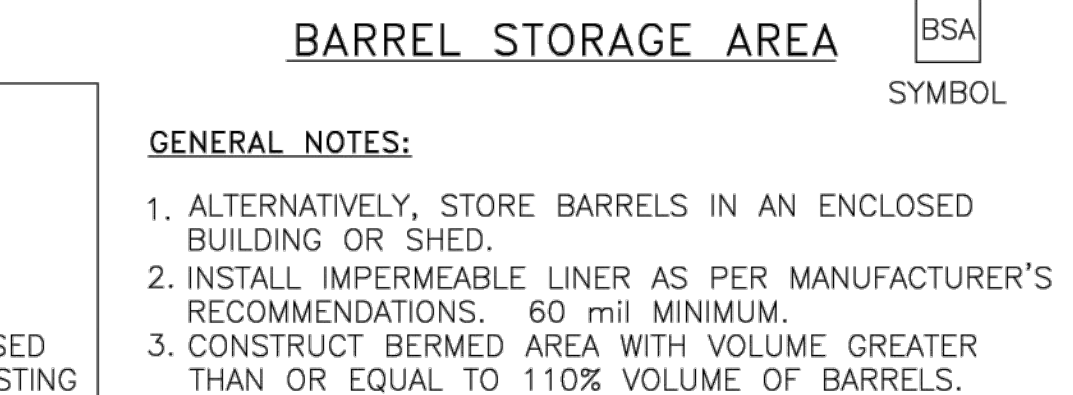
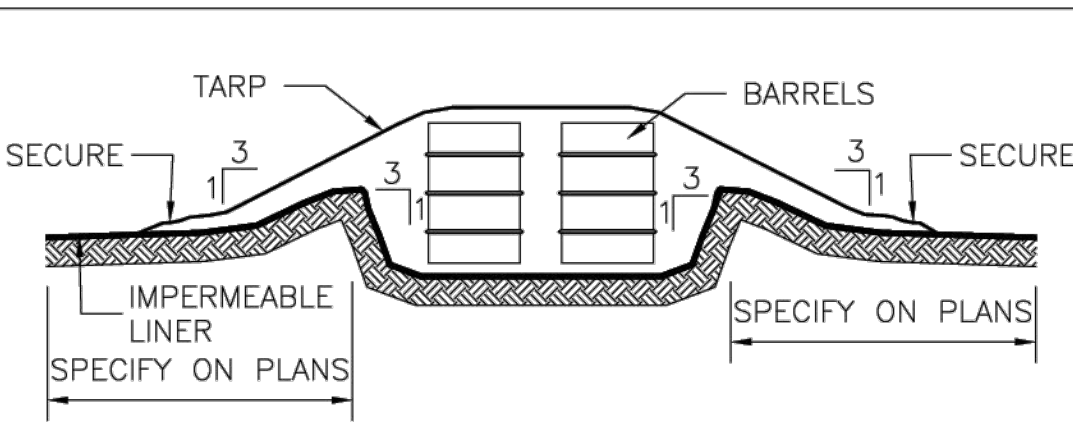
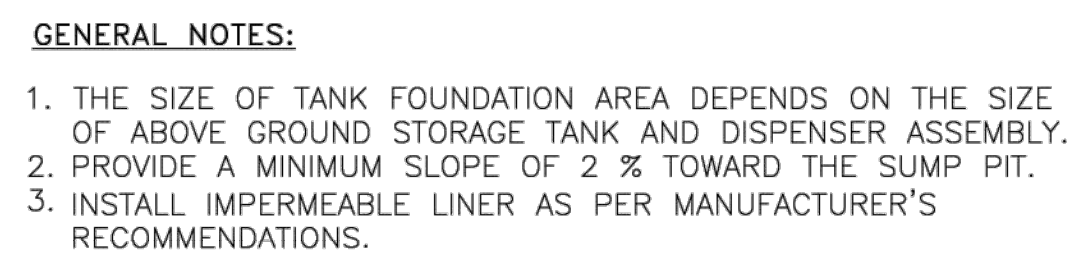


- A. TYPES OF FILTER DAMS
- B. CONSTRUCT FILTER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.
1. TYPE 2 AND 3 FILTER DAMS: SECURE WITH 20 GAUGE GALVANIZED WIRE MESH WITH 1 INCH DIAMETER HEXAGONAL OPENINGS.
 2. PLACE GRANULAR FILL ON THE WIRE MESH TO HEIGHT AND SLOPES SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER.
 - a. 3-5 INCHES FOR ROCK FILTER DAM TYPES 1, 2 AND 4.
 - b. 4-8 INCHES FOR ROCK FILTER DAM TYPE REFER TO GRANULAR FILL IN SPECIFICATION SECTION No. 02378 RIPRAP AND GRANULAR FILL.
 3. FOLD WIRE MESH AT UPSTREAM SIDE OVER GRANULAR FILL AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR HOG RINGS.
 4. IN STREAMS: SECURE OR STAKE MESH TO STREAM BED PRIOR TO AGGREGATE PLACEMENT.
 5. SEE HCFCD SPECIFICATION SECTION No. 02364-FILTER DAMS.
 6. EMBED ONE FOOT MINIMUM INTO SLOPE AND RAISE ONE FOOT HIGHER THAN CENTER OF DEPRESSED AREA AT SLOPE.



GENERAL NOTES:

1. THE SIZE OF TANK FOUNDATION AREA DEPENDS ON THE SIZE OF ABOVE GROUND STORAGE TANK AND DISPENSER ASSEMBLY.
2. PROVIDE A MINIMUM SLOPE OF 2 % TOWARD THE SUMP PIT.
3. INSTALL IMPERMEABLE LINER AS PER MANUFACTURER'S RECOMMENDATIONS.



NO.	REVISIONS	DATE	NAME
1	UPDATED DEPARTMENT NAME	2/17/15	RS
2			
3			
4			
5			

HARRIS COUNTY
ENGINEERING DEPARTMENT



CONSULTANT
LOGO/INFORMATION

FOR INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE:
NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMITS PURPOSES
SEAL
ENGINEER:
P.E. SERIAL No.
DATE:

PROJECT TITLE:		HCD STANDARD
DRAWN BY: JDZ	SHEET DESCRIPTION: STORM WATER POLLUTION	
CK'D BY: NR	SCALE: NONE	SHEET NO: /
DATE:	APPROVED BY:	



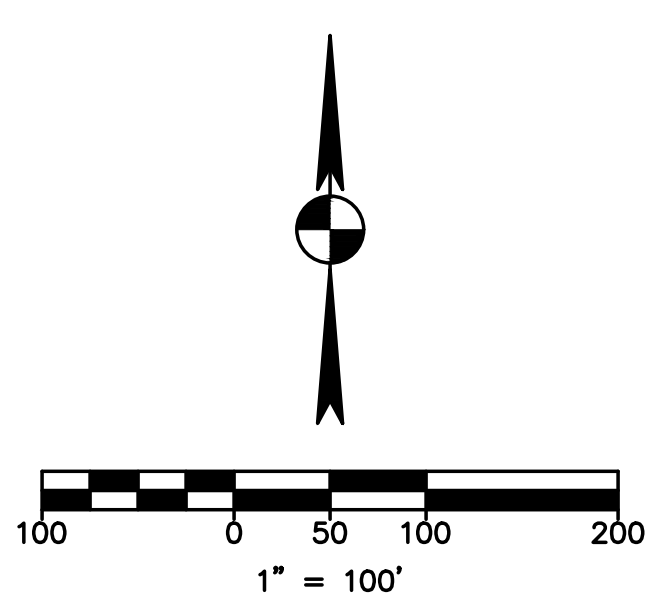
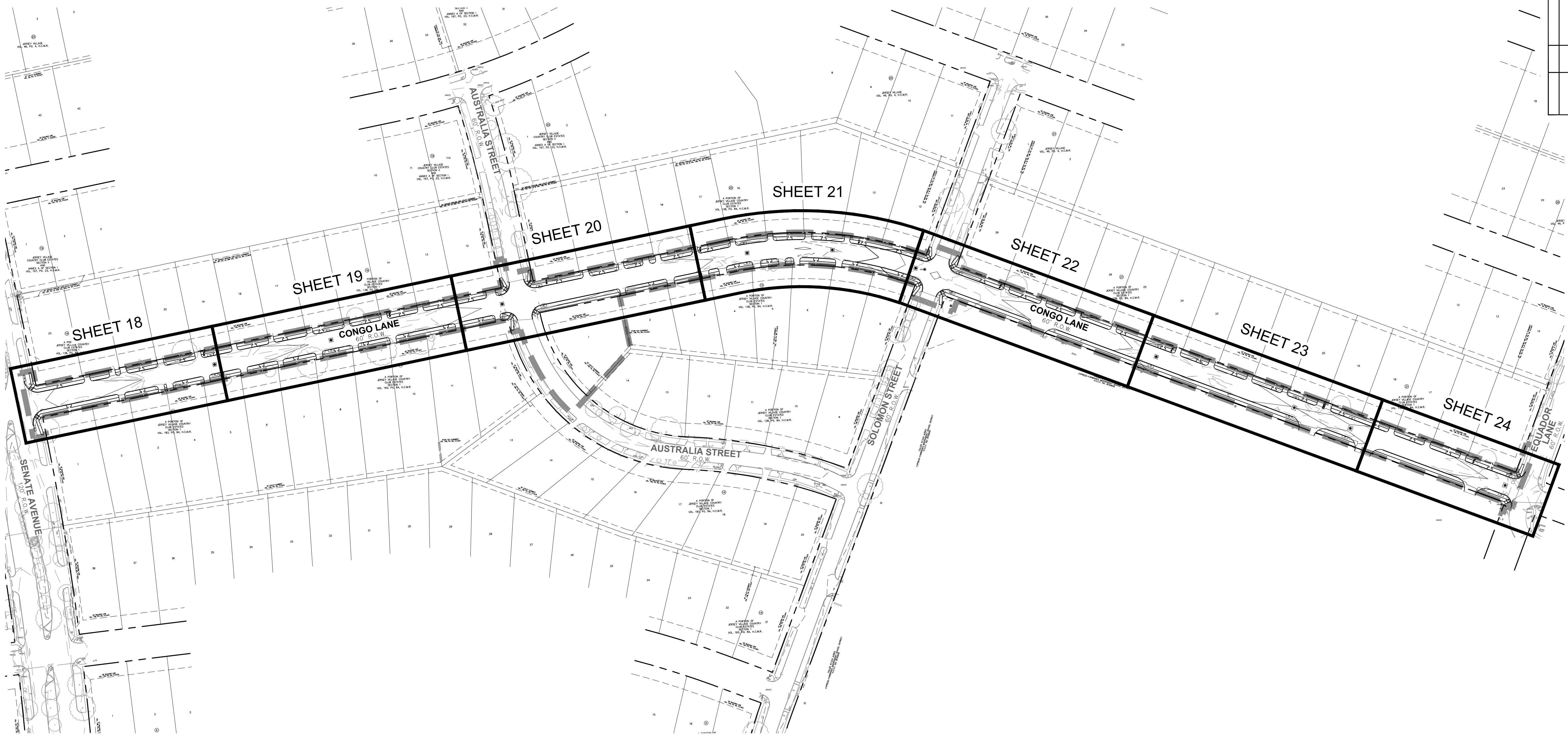
EROSION & SEDIMENTATION
CONTROL DETAILS

CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS
CITY OF JERSEY VILLAGE

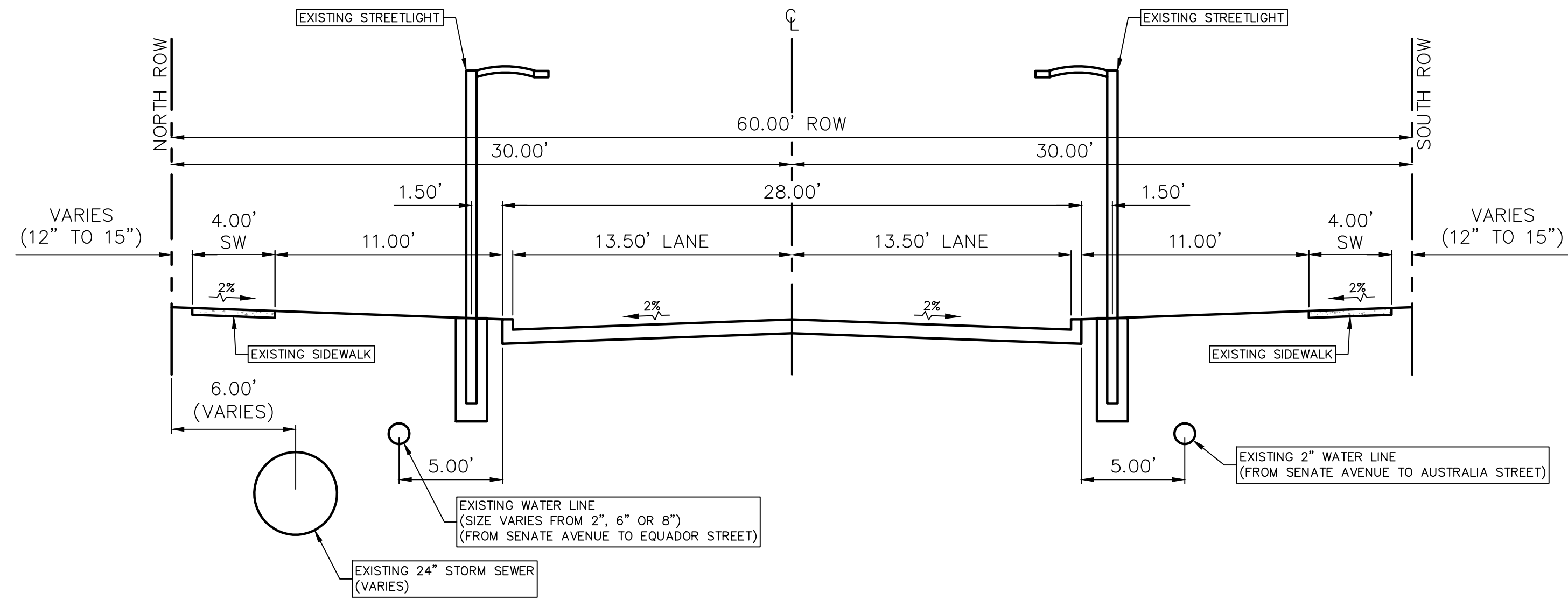
DRAWN BY: CM, RC
DESIGNED BY: BAA, PG
QA / QC: BAA
PROJECT NO.: 113756-00002

SHEET
15
OF 67

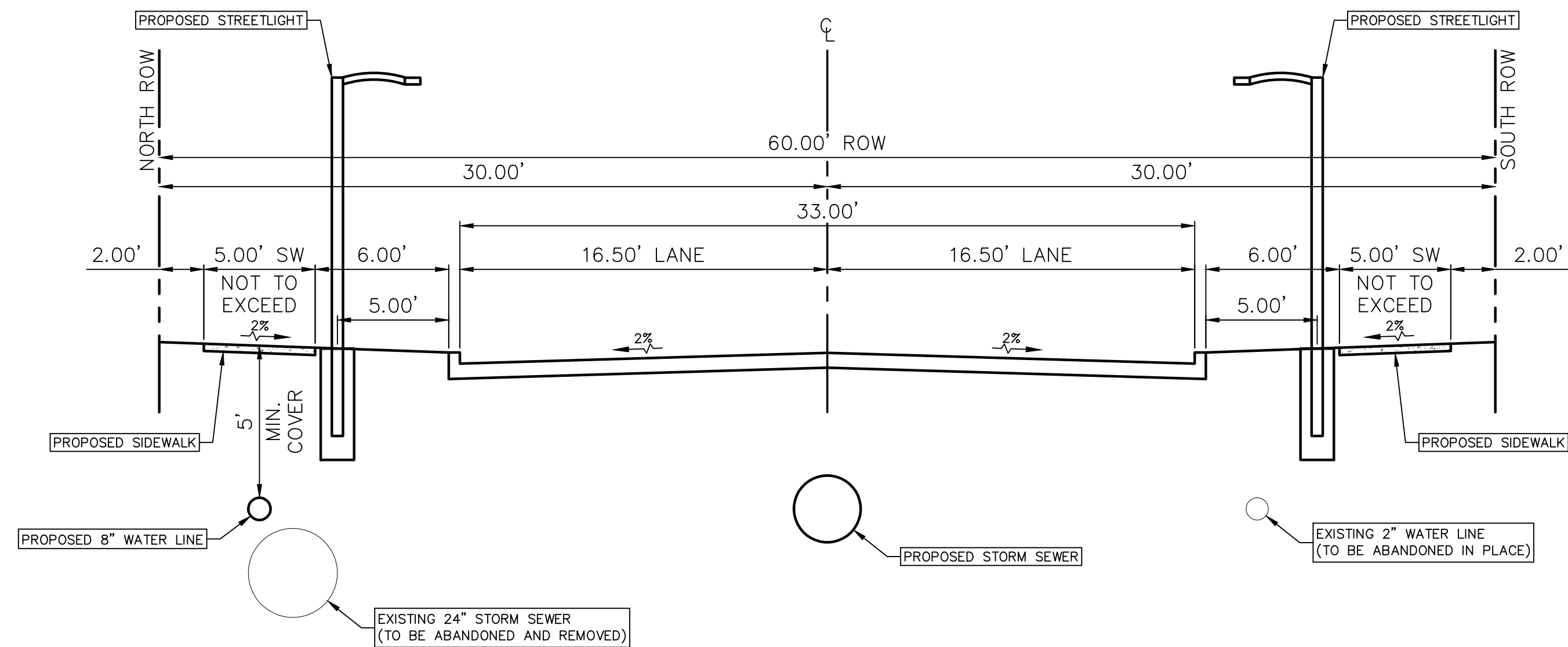




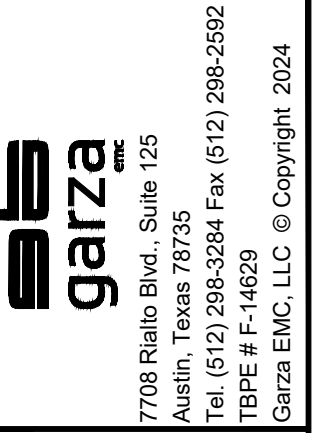
DRAWN BY: CM, RC		CITY OF JERSEY VILLAGE OVERALL ROADWAY LAYOUT	CITY OF JERSEY VILLAGE BILAL A. ALIZAN 92792 PROFESSIONAL ENGINEER 03-22-2024	garza 7708 Riello Blvd., Suite 125 Austin, Texas 78735 Tel: (512) 299-3284 Fax: (512) 298-2592 TBP# F-14629 Garza EMC, LLC © Copyright 2024
DESIGNED BY: BAA, PG				
QA / QC: BAA				
PROJECT NO.: 113756-00002				
SHEET 16 OF 67				



EXISTING CONGO LANE - TYPICAL SECTION
NOT TO SCALE



PROPOSED CONGO LANE - TYPICAL SECTION
NOT TO SCALE



03-22-2024

TYPICAL
ROADWAY SECTIONS

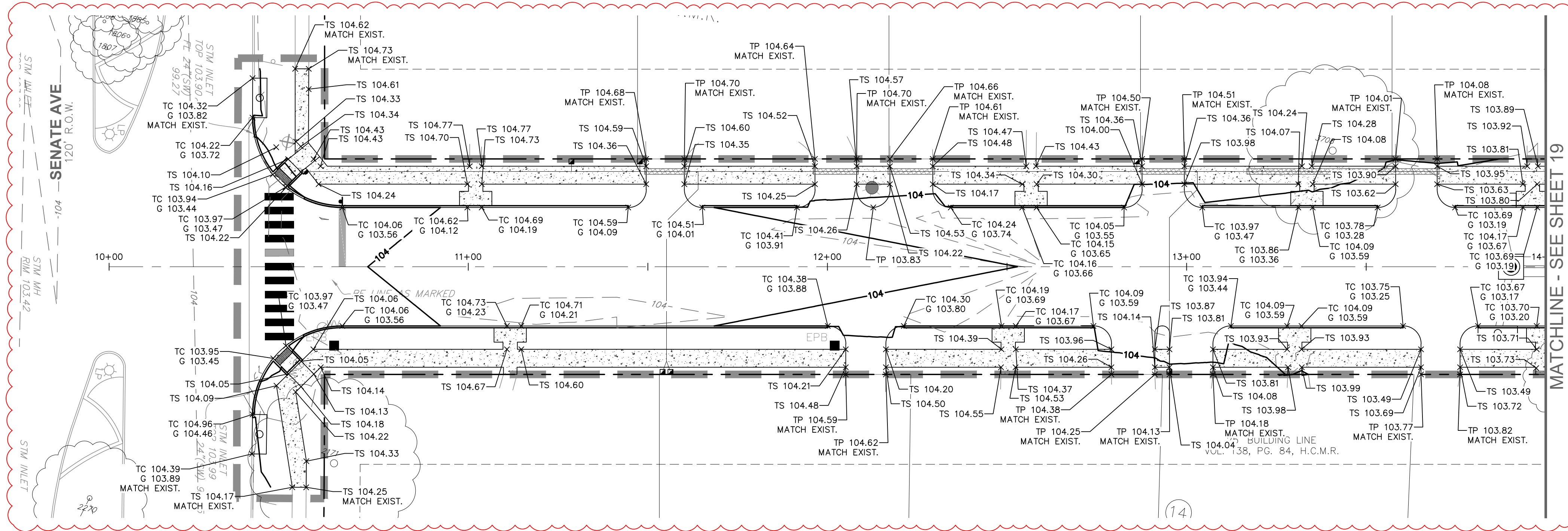
CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

DRAWN BY: CM, RC
DESIGNED BY: BAA, PG
QA / QC: BAA
PROJECT NO.: 113756-0002

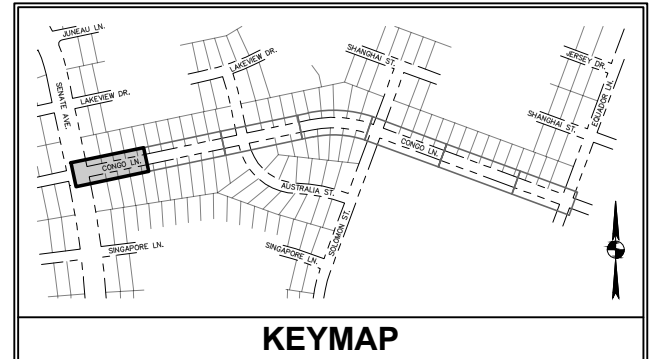
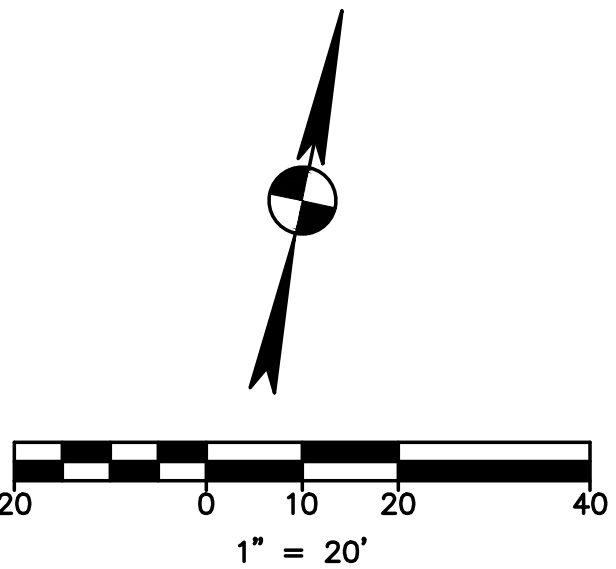
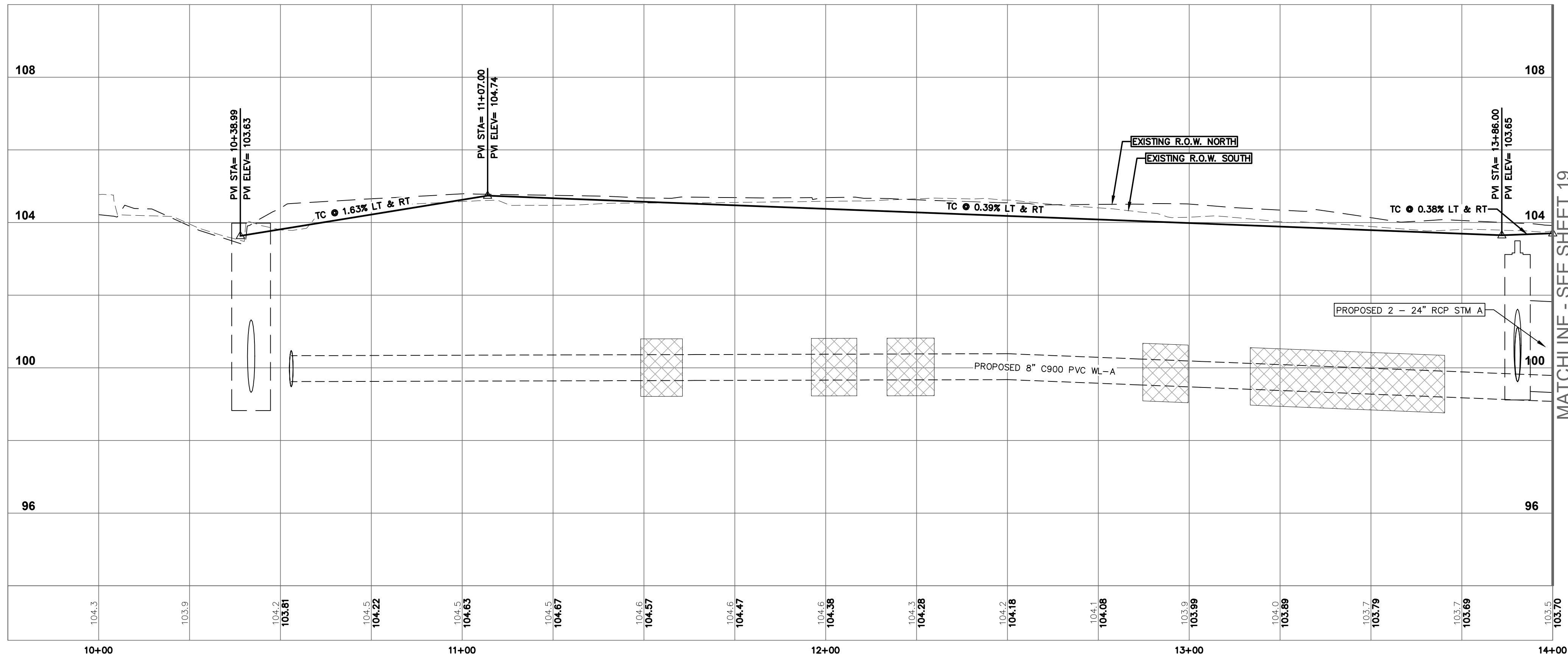
SHEET

17
OF 67



CONGO LANE

- NOTE:**
- THE ROAD PAVEMENT SECTION AND SUBGRADE MUST BE DESIGNED TO HARRIS COUNTY'S PUBLIC INFRASTRUCTURE REQUIREMENTS AND THE GEOTECH REPORT PROVIDED BY RINER ENGINEERING UNDER PROJECT NUMBER 22-0291.
 - GEOTECH SPECIFICATIONS:
6 INCH REINFORCED CONCRETE PAVEMENT WITH COMPRESSIVE STRENGTH AT 3,500 PSI ON 6 INCH OF LIME STABILIZED SUBGRADE. LIME TO BE STABILIZED PER HARRIS COUNTY SPECIFICATIONS ITEM 220 AND 221.



PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		LIGHT POLE
		POWER POLE
		GUY ANCHOR
		ELECTRIC PULL BOX
		SIGN
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		FIRE DEPARTMENT CONNECTION
		GAS METER
		GAS VALVE
		GRATE INLET
		CURB INLET (SIZE VARIES)
		STORM MANHOLE (SIZE VARIES)
		STORM JUNCTION BOX (SIZE VARIES)
		WASTEWATER MANHOLE (SIZE VARIES)
		WASTEWATER CLEANOUT
		STORMSEWER LINE
		WATER LINE
		OVERHEAD ELECTRIC LINE
		ELECTRIC CONDUIT
		WATER LINE BORE
		CURB
		CONCRETE SIDEWALK
		TOP OF PAVEMENT (SPOT ELEVATION)
		TOP OF SIDEWALK (SPOT ELEVATION)
		TOP OF CURB (SPOT ELEVATION)
		GUTTER (SPOT ELEVATION)
		LIMITS OF CONSTRUCTION
		CONTOUR
		TREE

PROFILE LEGEND		PROFILE SCALE
	EXISTING GRADE AT NORTH R.O.W.	 HORIZONTAL 1" = 20'
	EXISTING GRADE AT SOUTH R.O.W.	
	PROPOSED GRADE AT TOP OF CURB (LEFT & RIGHT)	
	ELEVATION EXISTING GRADE AT TOP OF CURB	 VERTICAL 1" = 2'
	ELEVATION PROPOSED GRADE AT TOP OF CURB	



NOTICE:
FOR YOUR SAFETY, YOU ARE REQUIRED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG SO THAT UNDERGROUND LINES CAN BE MARKED. THIS SIGNATURE DOES NOT FULFILL YOUR OBLIGATION TO CALL 811.

VERIFICATION OF PRIVATE UTILITY LINES

DATE _____

CENTERPOINT ENERGY NATURAL GAS UTILITIES SHOWN. (GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT TO BE USED FOR CONFLICT VERIFICATION.
SIGNATURE VALID FOR SIX MONTHS.

DATE _____

CENTERPOINT ENERGY UNDERGROUND ELECTRICAL FACILITIES VERIFICATION ONLY. (THIS SIGNATURE VERIFIES EXISTING UNDERGROUND FACILITIES - NOT TO BE USED FOR CONFLICT VERIFICATION.)
SIGNATURE VALID FOR SIX MONTHS.

DATE _____

APPROVED FOR AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES ONLY.
SIGNATURE VALID FOR ONE YEAR.

CONTACT CENTERPOINT ENERGY AT 713-207-2222 TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED.

FOR YOUR SAFETY, YOU ARE REQUIRED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG SO THAT UNDERGROUND LINES CAN BE MARKED. THE SIGNATURES BELOW DO NOT FULFILL YOUR OBLIGATION TO CALL 811.

THE SIGNATURES BELOW ARE NOT TO BE USED FOR CONFLICT VERIFICATION.

CITY OF JERSEY VILLAGE FIRE DEPARTMENT DATE _____

JERSEY VILLAGE PUBLIC WORKS DEPARTMENT DATE _____

7708 Riello Blvd., Suite 125
Austin, Texas 78735
Tel. (512) 299-3284 Fax (512) 298-2592
TBP# F-14629
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CITY OF JERSEY VILLAGE
TEXAS STAR COMMUNITY

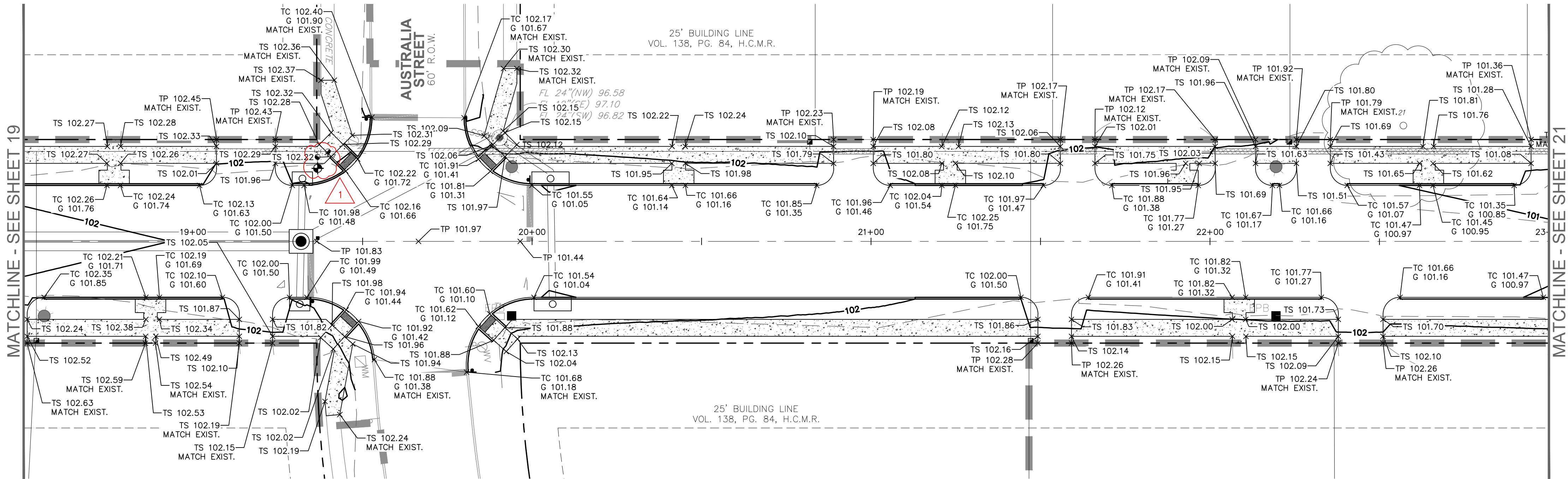
BILAL A. ALJAZI
92792
PROFESSIONAL ENGINEER
05-17-2024

CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

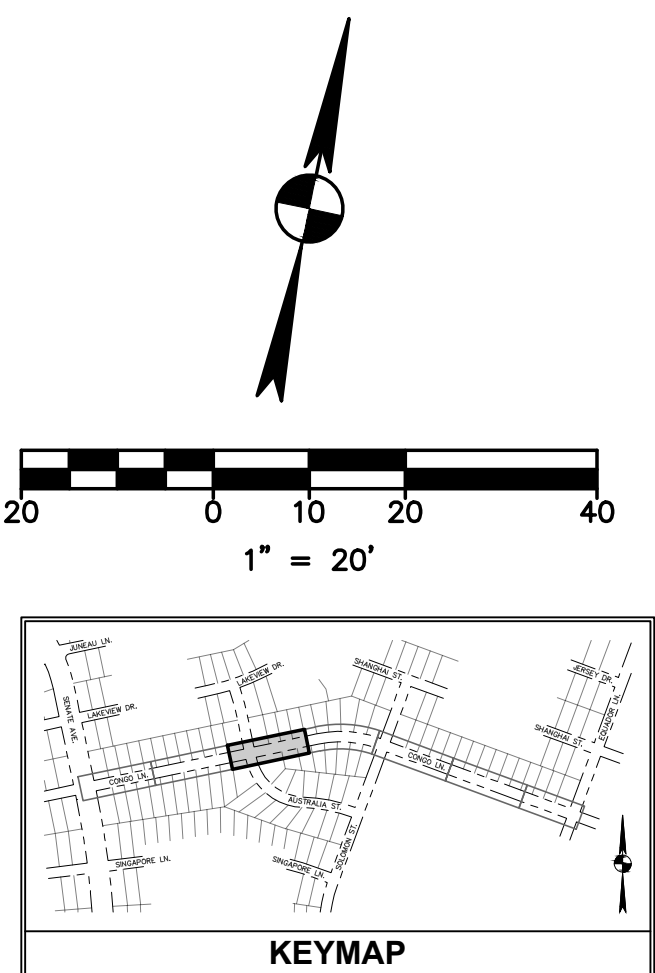
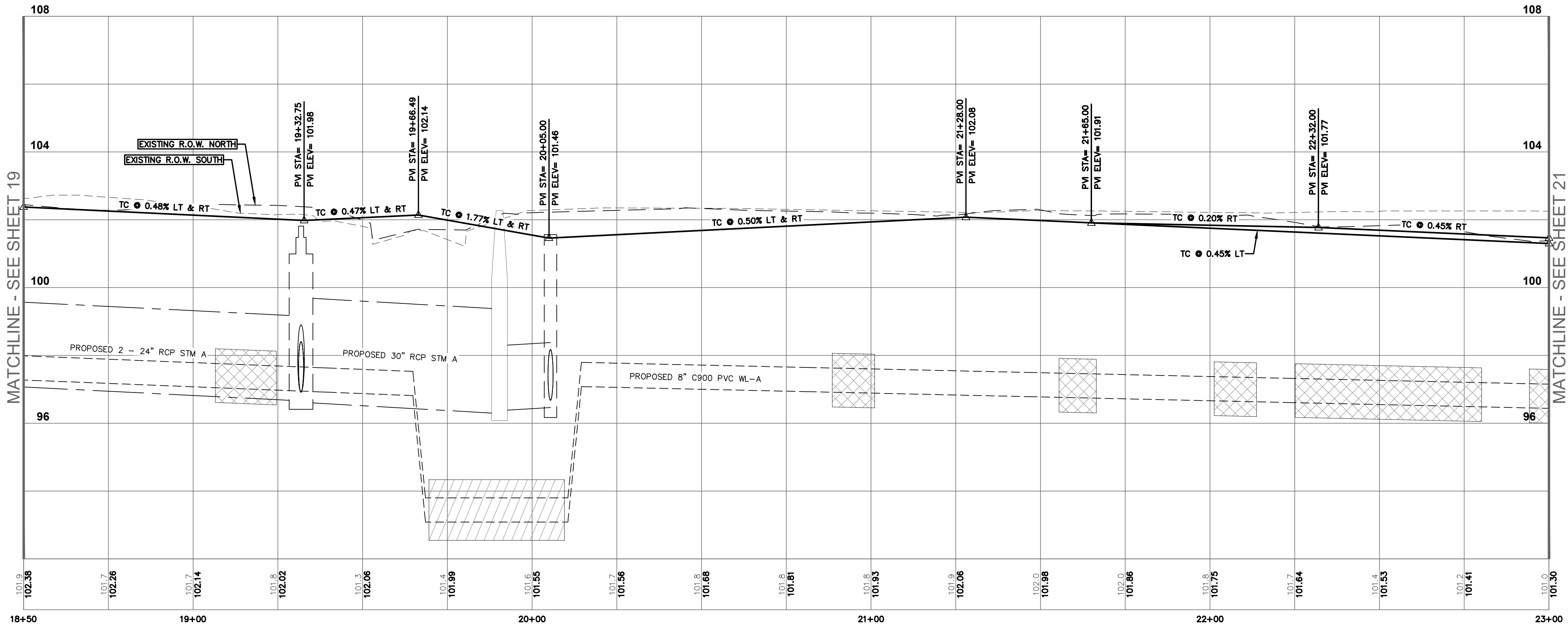
DRAWN BY: CM, RC
DESIGNED BY: BAA, PG
QA / QC: BAA
PROJECT NO.: 113756-00002

SHEET
18
OF 67



CONGO LANE

NOTE:
1. THE ROAD PAVEMENT SECTION AND SUBGRADE MUST BE DESIGNED TO HARRIS COUNTY'S PUBLIC INFRASTRUCTURE REQUIREMENTS AND THE GEOTECH REPORT PROVIDED BY RINER ENGINEERING UNDER PROJECT NUMBER 22-0291.
2. GEOTECH SPECIFICATIONS:
6 INCH REINFORCED CONCRETE PAVEMENT WITH COMPRESSIVE STRENGTH AT 3,500 PSI ON 6 INCH OF LIME STABILIZED SUBGRADE. LIME TO BE STABILIZED PER HARRIS COUNTY SPECIFICATIONS ITEM 220 AND 221.



PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		LIGHT POLE
		POWER POLE
		GUY ANCHOR
		ELECTRIC PULL BOX
		SIGN
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		FIRE DEPARTMENT CONNECTION
		GAS METER
		GAS VALVE
		GRATE INLET
		CURB INLET (SIZE VARIES)
		STORM MANHOLE (SIZE VARIES)
		STORM JUNCTION BOX (SIZE VARIES)
		WASTEWATER MANHOLE (SIZE VARIES)
		WASTEWATER CLEANOUT
		STORMSEWER LINE
		WATER LINE
		OVERHEAD ELECTRIC LINE
		ELECTRIC CONDUIT
		WATER LINE BORE
		CURB
		CONCRETE SIDEWALK
		TOP OF PAVEMENT (SPOT ELEVATION)
		TOP OF SIDEWALK (SPOT ELEVATION)
		TOP OF CURB (SPOT ELEVATION)
		GUTTER (SPOT ELEVATION)
		LIMITS OF CONSTRUCTION
		CONTOUR
		TREE

PROFILE LEGEND		PROFILE SCALE
	EXISTING GRADE	
	EXISTING GRADE AT NORTH R.O.W.	
	EXISTING GRADE AT SOUTH R.O.W.	
	PROPOSED GRADE	
	PROPOSED GRADE AT TOP OF CURB (LEFT & RIGHT)	
	ELEVATION	
	EXISTING GRADE AT TOP OF CURB	
	PROPOSED GRADE AT TOP OF CURB	



NOTICE:
FOR YOUR SAFETY, YOU ARE REQUIRED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG SO THAT UNDERGROUND LINES CAN BE MARKED. THIS SIGNATURE DOES NOT FULFILL YOUR OBLIGATION TO CALL 811.

VERIFICATION OF PRIVATE UTILITY LINES

DATE _____

CENTERPOINT ENERGY NATURAL GAS UTILITIES SHOWN. (GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT TO BE USED FOR CONFLICT VERIFICATION. SIGNATURE VALID FOR SIX MONTHS.

DATE _____

CENTERPOINT ENERGY UNDERGROUND ELECTRICAL FACILITIES VERIFICATION ONLY. (THIS SIGNATURE VERIFIES EXISTING UNDERGROUND FACILITIES - NOT TO BE USED FOR CONFLICT VERIFICATION.) SIGNATURE VALID FOR SIX MONTHS.

DATE _____

APPROVED FOR AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR.

CONTACT CENTERPOINT ENERGY AT 713-207-2222 TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED.

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THE SIGNATURES BELOW ARE NOT TO BE USED FOR CONFLICT VERIFICATION.

CITY OF JERSEY VILLAGE FIRE DEPARTMENT	DATE
JERSEY VILLAGE PUBLIC WORKS DEPARTMENT	DATE

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Austin, Texas 78735
Tel. (512) 298-3284 Fax. (512) 298-2592
TBPE # F-14629
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CITY OF JERSEY VILLAGE
TEXAS STAR COMMUNITY

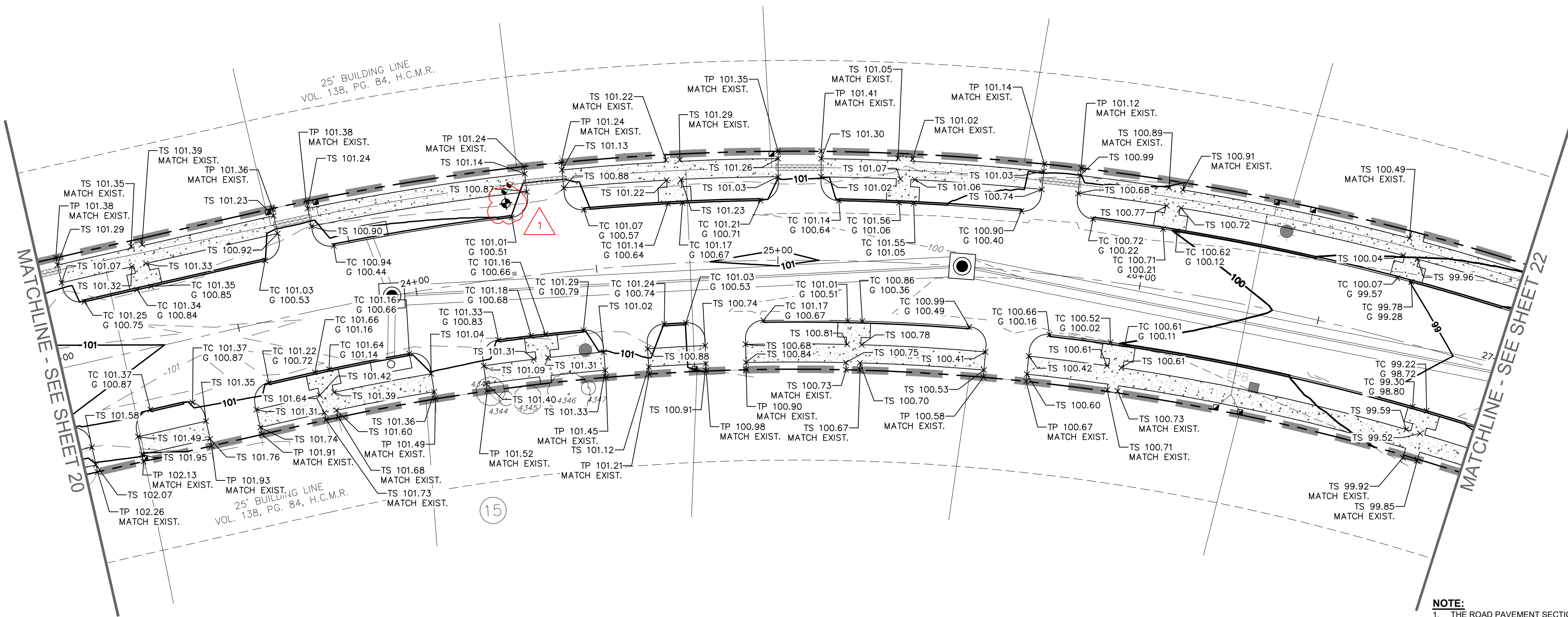
BILAL A. ALJAZI
92792
Professional Engineer
05-17-2024

CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

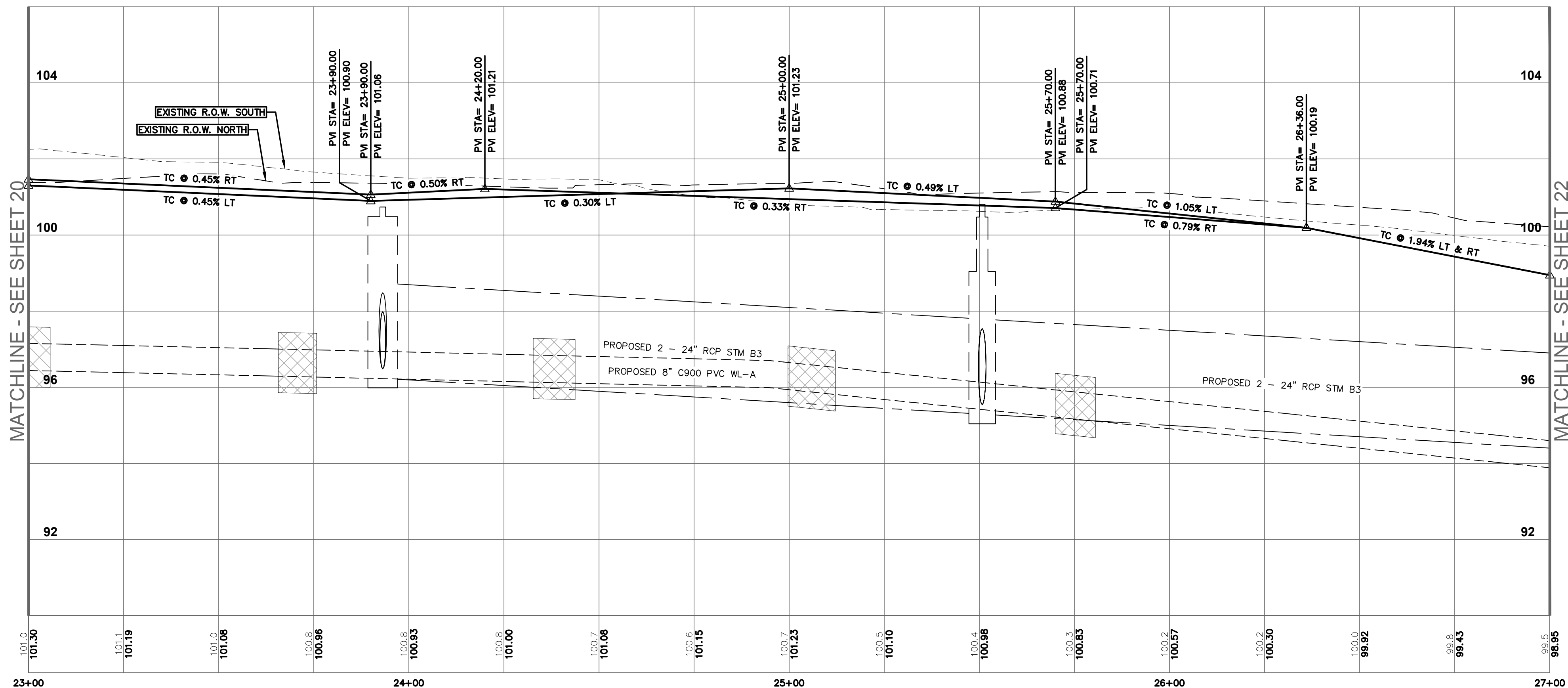
DRAWN BY:	CM, RC
DESIGNED BY:	BAA, PG
QA / QC:	BAA
PROJECT NO.:	113756-00002

SHEET
20
OF 67



CONGO LANE

- NOTE:**
- THE ROAD PAVEMENT SECTION AND SUBGRADE MUST BE DESIGNED TO HARRIS COUNTY'S PUBLIC INFRASTRUCTURE REQUIREMENTS AND THE GEOTECH REPORT PROVIDED BY RINER ENGINEERING UNDER PROJECT NUMBER 22-0291.
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PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		LIGHT POLE
		POWER POLE
		GUY ANCHOR
		ELECTRIC PULL BOX
		SIGN
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		FIRE DEPARTMENT CONNECTION
		GAS METER
		GAS VALVE
		GRATE INLET
		CURB INLET (SIZE VARIES)
		STORM MANHOLE (SIZE VARIES)
		STORM JUNCTION BOX (SIZE VARIES)
		WASTEWATER MANHOLE (SIZE VARIES)
		WASTEWATER CLEANOUT
		STORM SEWER LINE
		WATER LINE
		OVERHEAD ELECTRIC LINE
		ELECTRIC CONDUIT
		WATER LINE BORE
		CURB
		CONCRETE SIDEWALK
		TOP OF PAVEMENT (SPOT ELEVATION)
		TOP OF SIDEWALK (SPOT ELEVATION)
		TOP OF CURB (SPOT ELEVATION)
		GUTTER (SPOT ELEVATION)
		LIMITS OF CONSTRUCTION
		CONTOUR
		TREE

PROFILE LEGEND		PROFILE SCALE
	EXISTING GRADE	 HORIZONTAL 1" = 20'
	EXISTING GRADE AT NORTH R.O.W.	
	EXISTING GRADE AT SOUTH R.O.W.	 VERTICAL 1" = 2'
	PROPOSED GRADE	
	ELEVATION AT TOP OF CURB	



NOTICE:
FOR YOUR SAFETY, YOU ARE REQUIRED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG SO THAT UNDERGROUND LINES CAN BE MARKED. THIS SIGNATURE DOES NOT FULFILL YOUR OBLIGATION TO CALL 811.

VERIFICATION OF PRIVATE UTILITY LINES

DATE _____

CENTERPOINT ENERGY NATURAL GAS UTILITIES SHOWN. (GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT TO BE USED FOR CONFLICT VERIFICATION. SIGNATURE VALID FOR SIX MONTHS.

DATE _____

CENTERPOINT ENERGY/UNDERGROUND ELECTRICAL FACILITIES VERIFICATION ONLY. (THIS SIGNATURE VERIFIES EXISTING UNDERGROUND FACILITIES - NOT TO BE USED FOR CONFLICT VERIFICATION.) SIGNATURE VALID FOR SIX MONTHS.

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CITY OF JERSEY VILLAGE FIRE DEPARTMENT	DATE
JERSEY VILLAGE PUBLIC WORKS DEPARTMENT	DATE

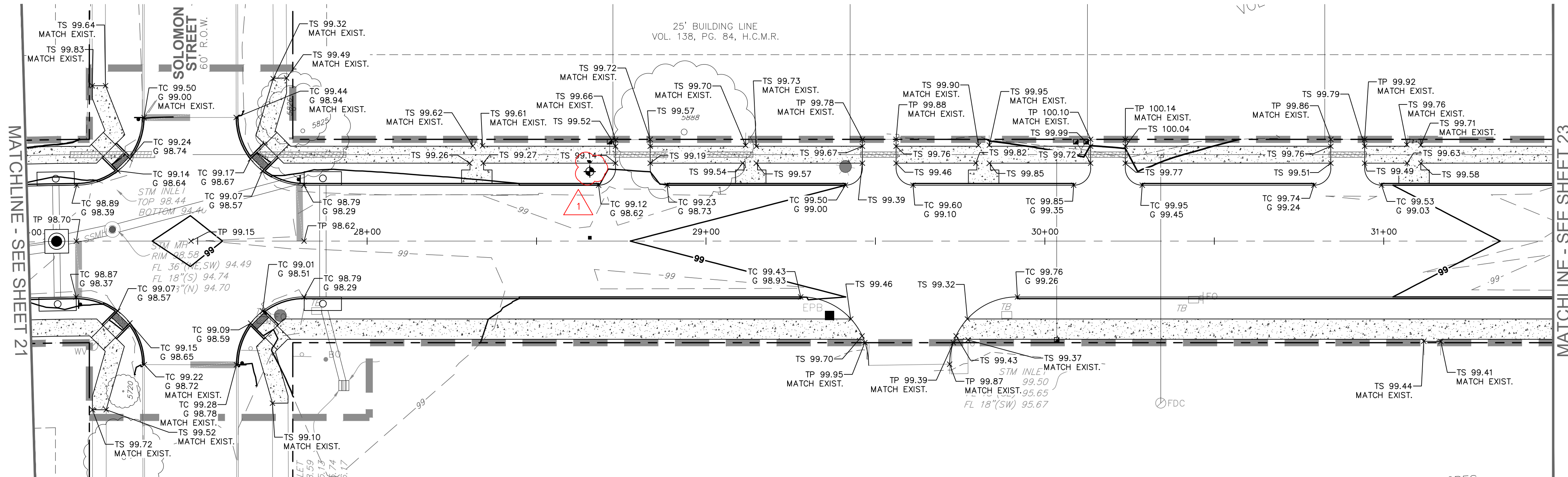
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TBP# F-14629
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CITY OF JERSEY VILLAGE
A TEXAS STAR COMMUNITY

CONGO LANE PLAN & PROFILE STA. 23+00 TO 27+00

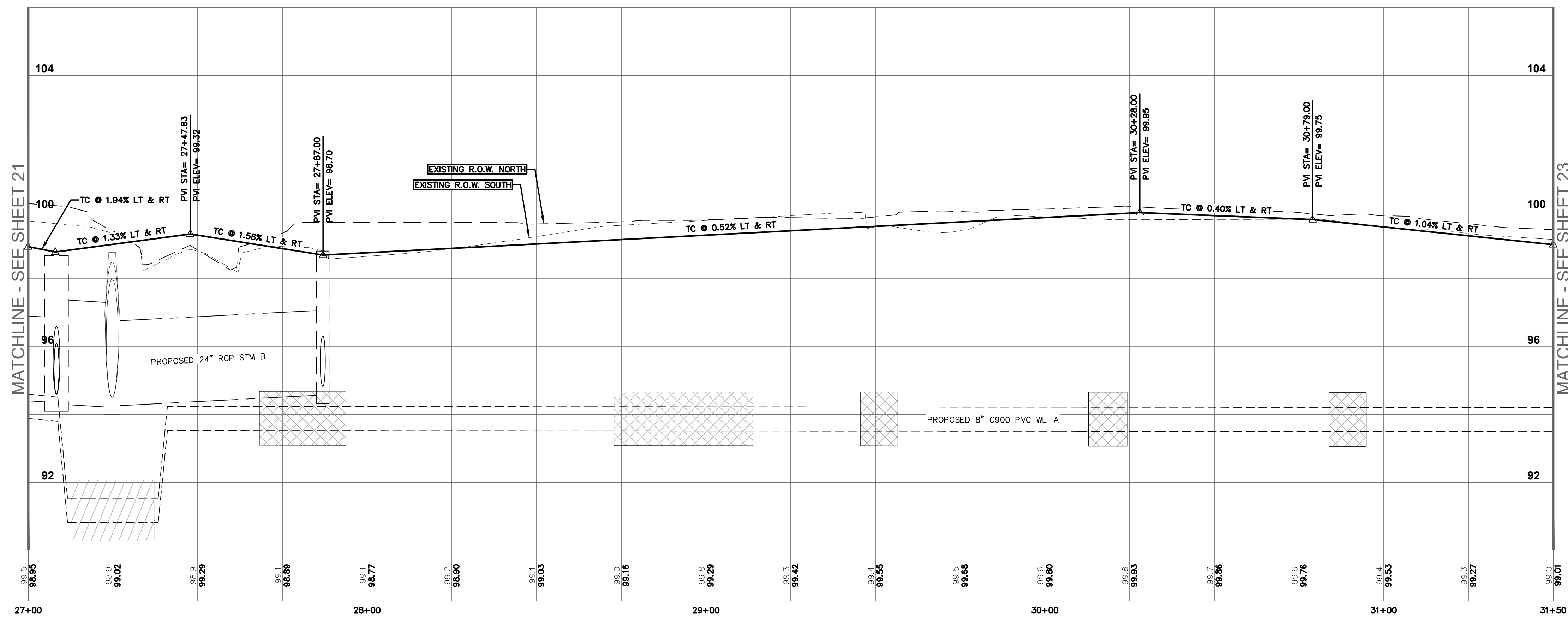
CONGO LANE RECONSTRUCTION, UTILITY & DRAINAGE IMPROVEMENTS CITY OF JERSEY VILLAGE

DRAWN BY:	CM, RC
DESIGNED BY:	BAA, PG
QA / QC:	BAA
PROJECT NO.:	113756-00002



CONGO LANE

NOTE:
1. THE ROAD PAVEMENT SECTION AND SUBGRADE MUST BE DESIGNED TO HARRIS COUNTY'S PUBLIC INFRASTRUCTURE REQUIREMENTS AND THE GEOTECH REPORT PROVIDED BY RINER ENGINEERING UNDER PROJECT NUMBER 22-0291.
2. GEOTECH SPECIFICATIONS:
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PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		LIGHT POLE
		POWER POLE
		GUY ANCHOR
		ELECTRIC PULL BOX
		SIGN
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		FIRE DEPARTMENT CONNECTION
		GAS METER
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		WASTEWATER MANHOLE (SIZE VARIES)
		WASTEWATER CLEANOUT
		STORMSEWER LINE
		WATER LINE
		OVERHEAD ELECTRIC LINE
		ELECTRIC CONDUIT
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		CURB
		CONCRETE SIDEWALK
		TOP OF PAVEMENT (SPOT ELEVATION)
		TOP OF SIDEWALK (SPOT ELEVATION)
		TOP OF CURB (SPOT ELEVATION)
		GUTTER (SPOT ELEVATION)
		LIMITS OF CONSTRUCTION
		CONTOUR
		TREE

PROFILE LEGEND		PROFILE SCALE
	EXISTING GRADE AT NORTH R.O.W.	
	EXISTING GRADE AT SOUTH R.O.W.	
	PROPOSED GRADE AT TOP OF CURB (LEFT & RIGHT)	
	EXISTING GRADE AT TOP OF CURB	



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VERIFICATION OF PRIVATE UTILITY LINES

DATE _____

CENTERPOINT ENERGY NATURAL GAS UTILITIES SHOWN. (GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT TO BE USED FOR CONFLICT VERIFICATION. SIGNATURE VALID FOR SIX MONTHS.

DATE _____

CENTERPOINT ENERGY UNDERGROUND ELECTRICAL FACILITIES VERIFICATION ONLY. (THIS SIGNATURE VERIFIES EXISTING UNDERGROUND FACILITIES - NOT TO BE USED FOR CONFLICT VERIFICATION.) SIGNATURE VALID FOR SIX MONTHS.

DATE _____

APPROVED FOR AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES ONLY. SIGNATURE VALID FOR ONE YEAR.

CONTACT CENTERPOINT ENERGY AT 713-207-2222 TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED.

FOR YOUR SAFETY, YOU ARE REQUIRED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG SO THAT UNDERGROUND LINES CAN BE MARKED. THE SIGNATURES BELOW DO NOT FULFILL YOUR OBLIGATION TO CALL 811.

THE SIGNATURES BELOW ARE NOT TO BE USED FOR CONFLICT VERIFICATION.

CITY OF JERSEY VILLAGE FIRE DEPARTMENT	DATE
JERSEY VILLAGE PUBLIC WORKS DEPARTMENT	DATE

7708 Riello Blvd., Suite 125
Austin, Texas 78735
Tel: (512) 299-3284 Fax: (512) 298-2592
TBP# F-14629
Garza EMC, LLC © Copyright 2024

CITY OF JERSEY VILLAGE
TEXAS STAR COMMUNITY

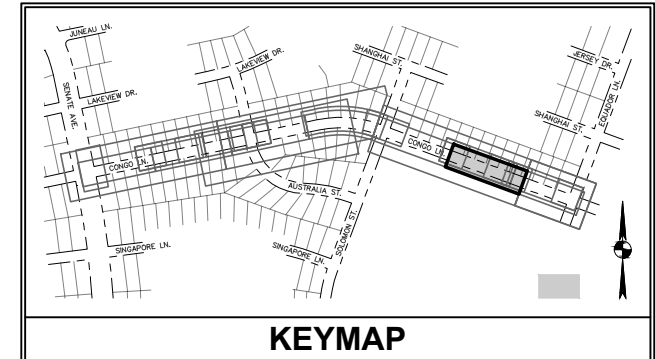
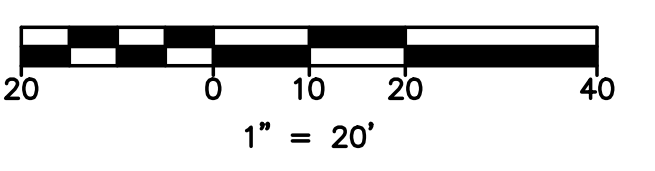
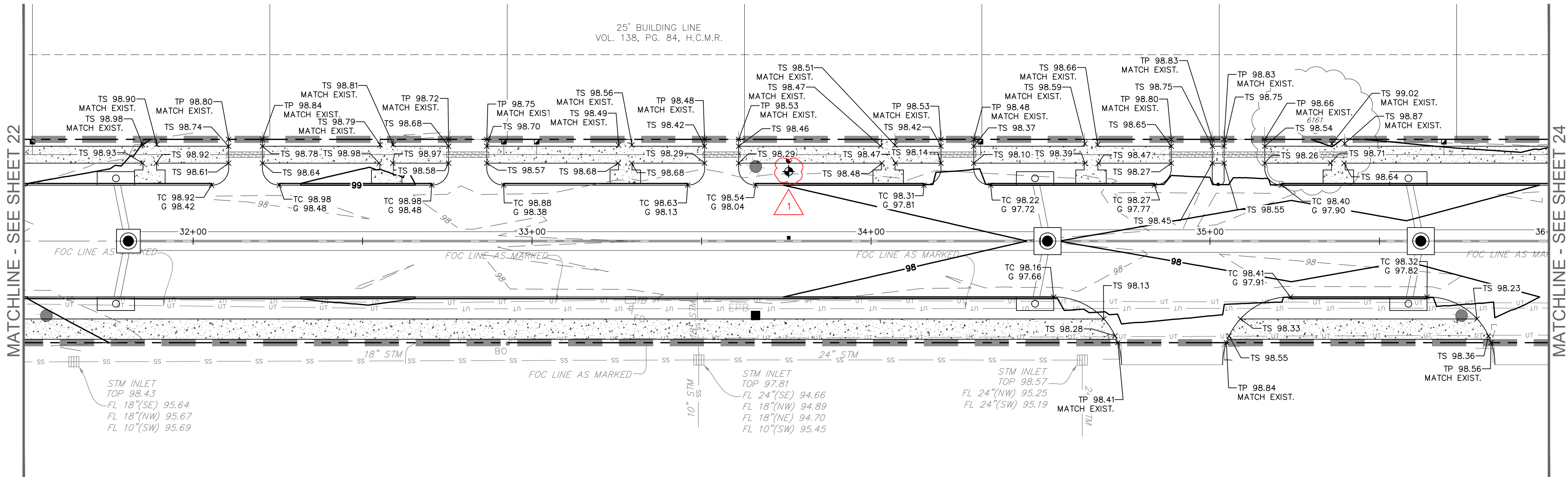
BILAL A. ALIZAI
92792
PROFESSIONAL ENGINEER
05-17-2024

CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

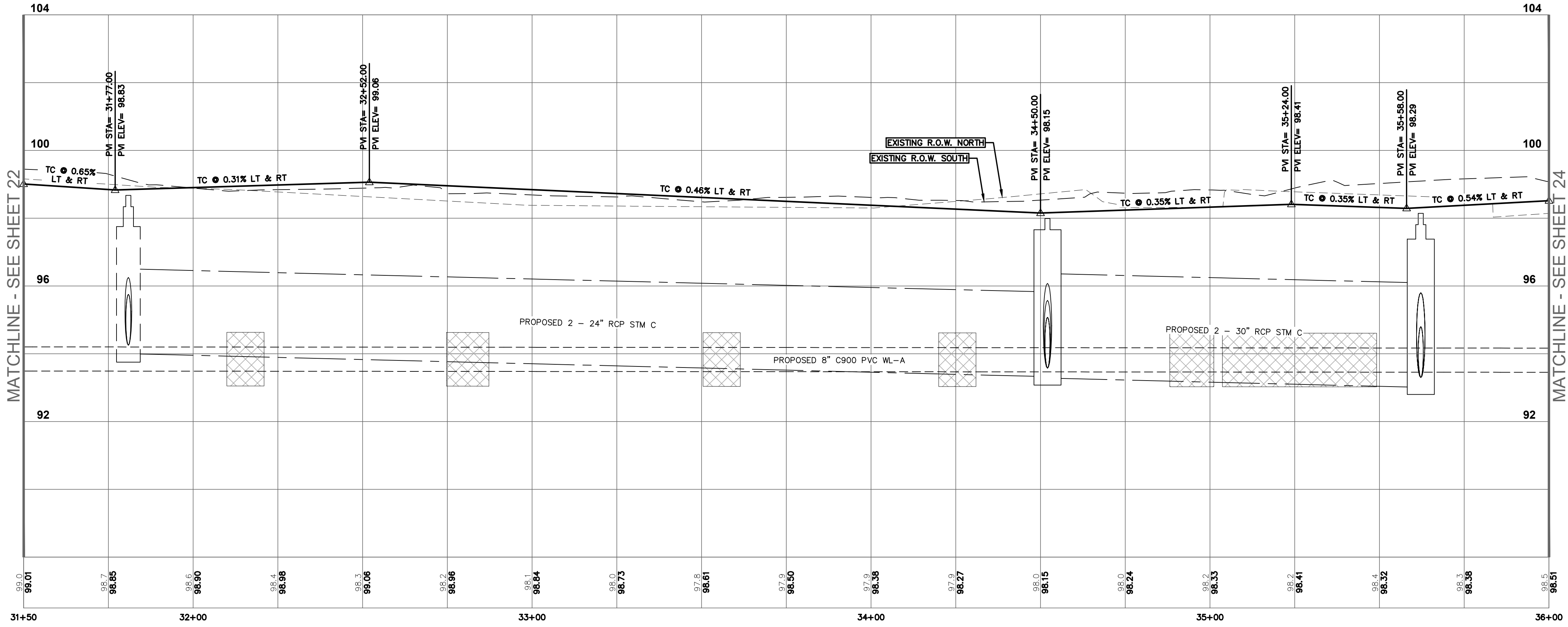
DRAWN BY:	CM, RC
DESIGNED BY:	BAA, PG
QA / QC:	BAA
PROJECT NO.:	113756-0002

SHEET
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OF 67



PLAN LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		LIGHT POLE
		POWER POLE
		GUY ANCHOR
		ELECTRIC PULL BOX
		SIGN
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		FIRE DEPARTMENT CONNECTION
		GAS METER
		GAS VALVE
		GRATE INLET
		CURB INLET (SIZE VARIES)
		STORM MANHOLE (SIZE VARIES)
		STORM JUNCTION BOX (SIZE VARIES)
		WASTEWATER MANHOLE (SIZE VARIES)
		WASTEWATER CLEANOUT
		STORMSEWER LINE
		WATER LINE
		OVERHEAD ELECTRIC LINE
		ELECTRIC CONDUIT
		WATER LINE BORE
		CURB
		CONCRETE SIDEWALK
		TP TOP OF PAVEMENT (SPOT ELEVATION)
		TS TOP OF SIDEWALK (SPOT ELEVATION)
		TC TOP OF CURB (SPOT ELEVATION)
		G GUTTER (SPOT ELEVATION)
		LIMITS OF CONSTRUCTION
		CONTOUR
		TREE

NOTE:
1. THE ROAD PAVEMENT SECTION AND SUBGRADE MUST BE DESIGNED TO HARRIS COUNTY'S PUBLIC INFRASTRUCTURE REQUIREMENTS AND THE GEOTECH REPORT PROVIDED BY RINER ENGINEERING UNDER PROJECT NUMBER 22-0291.
2. GEOTECH SPECIFICATIONS:
6 INCH REINFORCED CONCRETE PAVEMENT WITH COMPRESSIVE STRENGTH AT 3,500 PSI ON 6 INCH OF LIME STABILIZED SUBGRADE. LIME TO BE STABILIZED PER HARRIS COUNTY SPECIFICATIONS ITEM 220 AND 221.



PROFILE LEGEND		PROFILE SCALE
	EXISTING GRADE	 HORIZONTAL 1" = 20'
	EXISTING GRADE AT NORTH R.O.W.	
	EXISTING GRADE AT SOUTH R.O.W.	 VERTICAL 1" = 2'
	PROPOSED GRADE	
	EXISTING GRADE AT TOP OF CURB	
	PROPOSED GRADE AT TOP OF CURB	



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VERIFICATION OF PRIVATE UTILITY LINES

DATE _____

CENTERPOINT ENERGY NATURAL GAS UTILITIES SHOWN. (GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT TO BE USED FOR CONFLICT VERIFICATION.
SIGNATURE VALID FOR SIX MONTHS.

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BILAL A. ALJAZI
92792
PROFESSIONAL ENGINEER
05-17-2024

CONGO LANE RECONSTRUCTION,
UTILITY & DRAINAGE IMPROVEMENTS

CITY OF JERSEY VILLAGE

DRAWN BY: CM, RC
DESIGNED BY: BAA, PG
QA / QC: BAA
PROJECT NO.: 113756-00002

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