

LICENSE PLATE READER CAMERA IN-STALLATION

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION:
ALEDO I S D

ALEDO I S D
ON BEHALF OF
TX - Town of Annetta

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CONTACT LIST

PERMITTING

PROJECT MANAGER
chloe.bowden@flocksafety.com

SEE APPROVED PERMIT FOR LISTED INSPECTOR*

DRAWING INDEX

T.01	COVER SHEET & LOCATION MAPS
GN.01	GENERAL NOTES
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Know what's below.
Call before you dig.



TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	10/14/2024	FLK	PRELIM

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF TEXAS

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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS	
SHEET: T.01	REV: 0

GENERAL & CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS OTHERWISE NOTED OR SHOWN OTHERWISE HEREIN.
2. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.
3. CONTRACTOR SHALL ENSURE ALL PROPOSED EQUIPMENT INSTALLED IS IN ACCORDANCE WITH NESC REQUIREMENTS AND CLEARANCES.
4. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE TEXAS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES, THE TEXAS DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.
5. THE PERMITTING AGENCY RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.
6. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.
7. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION.
 - 7.1. INSTALLS INVOLVING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.
8. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00AM TO 5:30PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
9. FLOCK SAFETY SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.
10. WORK INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT OF TRANSPORTATION.
11. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
12. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.
 - 12.1. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.
13. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.
14. NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
15. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE TEXAS DEPARTMENT OF TRANSPORTATION INTERMEDIATE TRAFFIC CONTROL LEVEL TRAINING OR EQUIVALENT.
16. THE PERMITTING AGENCY RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.
17. THE PERMITTEE SHALL NOTIFY THE PERMITTING AGENCY OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.
18. IF THE PROPOSED METHOD NOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.
19. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK AND TO THE SATISFACTION OF THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY AT NO ADDITIONAL COMPENSATION.
 - 19.1. RESTORATION MAY INCLUDE BUT IS NOT LIMITED TO GRADING AND SODDING IN ANY DISTURBED AREA.
 - 19.2. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO THE STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
20. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.
21. ALL ROADWAY PAVEMENT, CURBS, GUTTERS AND STORM WATER COLLECTORS WILL BE KEPT FREE OF MUD AND OTHER DEBRIS AT ALL TIMES DURING CONSTRUCTION.
22. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
23. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND LOCAL STANDARDS. USE STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.
2. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
3. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

DRAWINGS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

SPECIFICATIONS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS CONTAINED IN THAT CERTAIN "MASTER AGREEMENT, OUTSIDE PLANT MAINTENANCE CONSTRUCTION SERVICES," PROVIDED THAT SUCH AN AGREEMENT EXISTS BETWEEN FLOCK SAFETY AND CONTRACTOR. IN THE ABSENCE OF SUCH AN AGREEMENT, THE SPECIFICATIONS CONTAINED IN AN AGREEMENT TO BE EXECUTED BY THE PARTIES PRIOR TO THE COMMENCEMENT OF WORK SHALL GOVERN.

MATERIALS

1. INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.

- 1.1. ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.

2. THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.

3. ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME

SAFETY AND PRECAUTIONS

1. ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.

2. THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND / OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.

3. INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.

4. INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

STAKING AND SCHEDULING

1. ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING. THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.

2. FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.

3. IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

PERMITS

1. FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.

2. CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY. ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE CONTRACTOR'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT TEXAS DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.

SCOPE OF WORK

1. THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS: THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY ALPR CAMERAS WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

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TX - Town of Annetta

PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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COVER SHEET & LOCATION MAPS

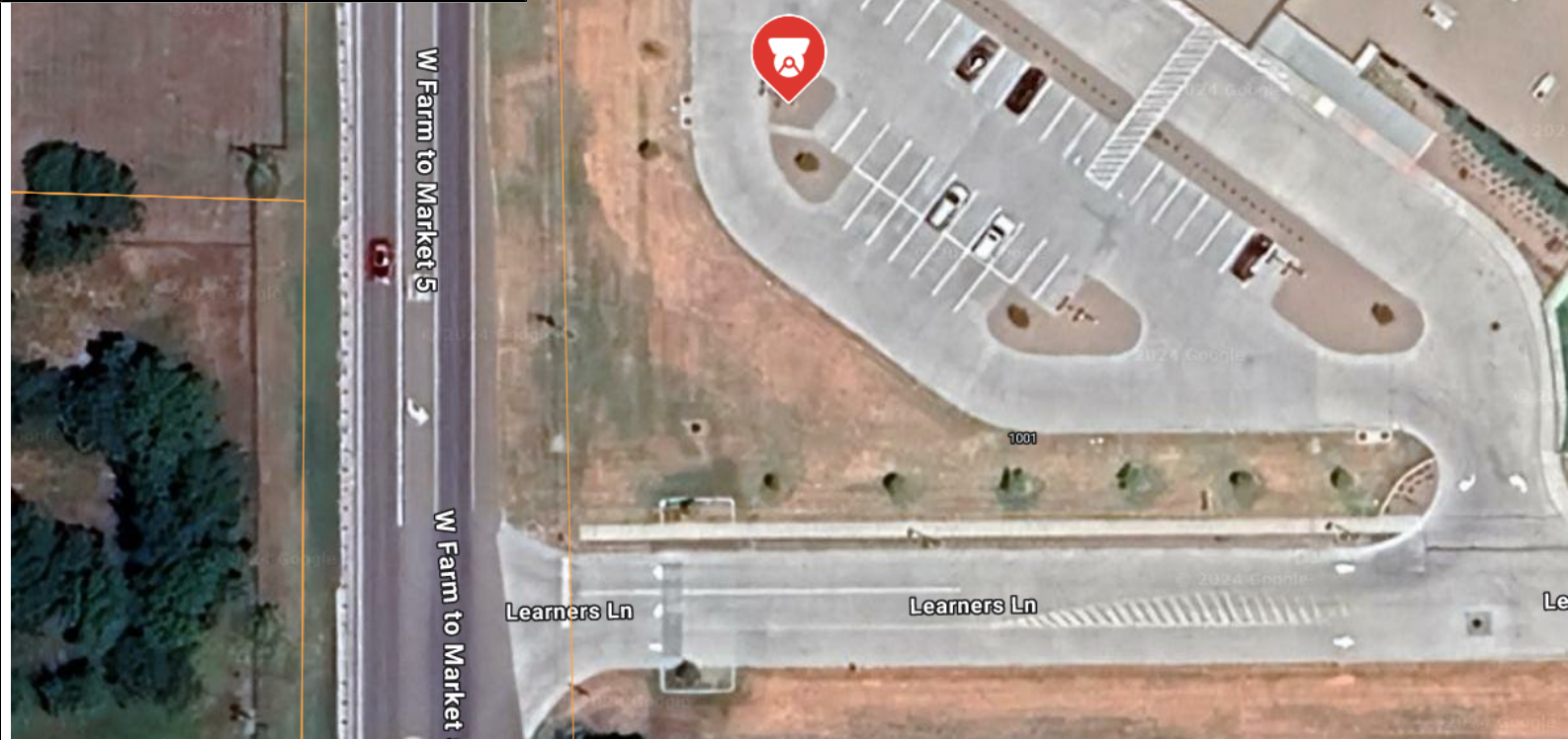
SHEET: GN.01	REV: 0
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FLOCK LOCATION DETAILS

LOCATION NAME: C#003 Annetta ES Front
GEOGRAPHIC COORDINATES:
32.714275070968114,-97.67596975779996



STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
1001 W FM 5	0		0 ft
Corresponding Spec Sheet		SPEC.01-02	



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COVER SHEET & LOCATION MAPS

SHEET: A.01	REV: 0
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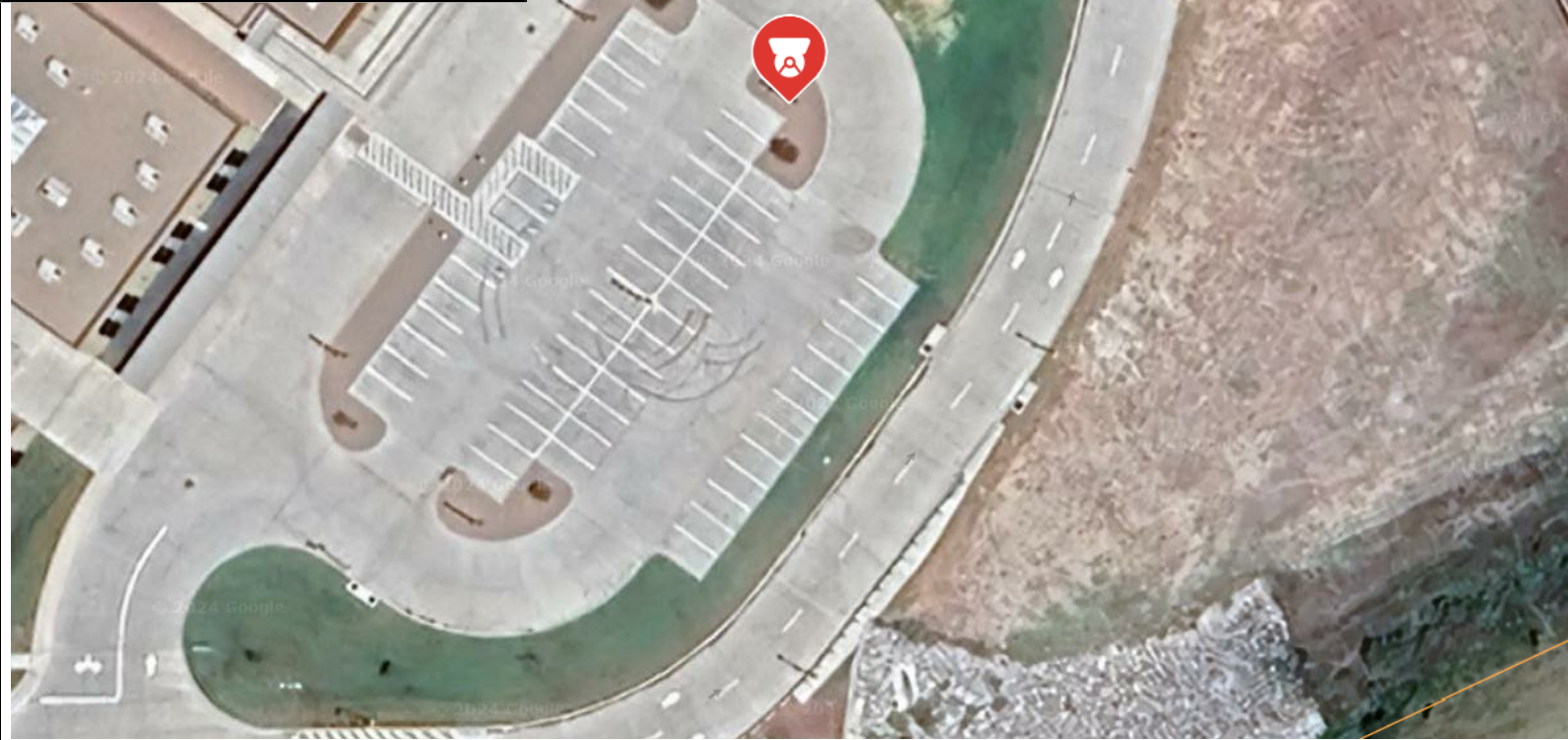
FLOCK LOCATION DETAILS

LOCATION NAME: C#004 Annetta ES Back
GEOGRAPHIC COORDINATES:
32.714462363117654,-97.67381784560509



Street view Unavailable
Street view is not currently available based on the geographic coordinates provided for this location.

STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
2393 W FM 5	0		0 ft
Corresponding Spec Sheet		SPEC.01-02	



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COVER SHEET & LOCATION MAPS

SHEET: A.02	REV: 0
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FLOCK LOCATION DETAILS

LOCATION NAME: F#002 Annetta ES Entrance
GEOGRAPHIC COORDINATES:
32.71375761772161,-97.67588348182193



STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
1001 W FM 5	25	3000	7.1 ft
Corresponding Spec Sheet		SPEC.03-05	



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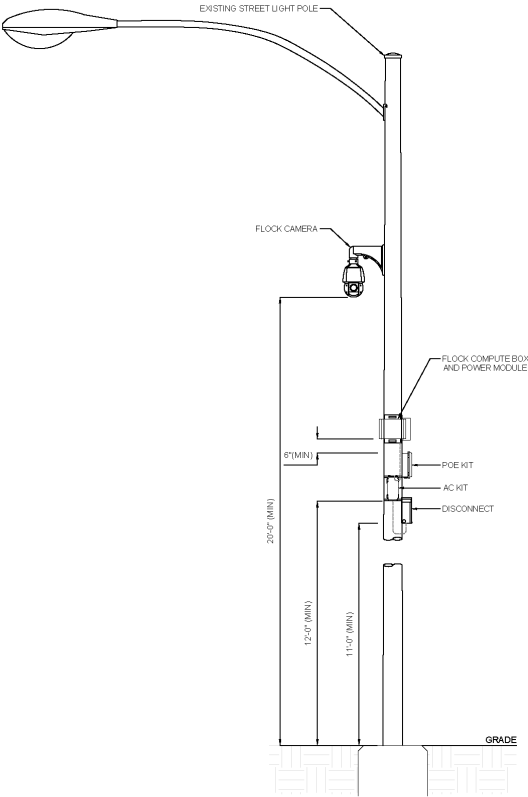
SHEET: A.03	REV: 0
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GENERAL & CONSTRUCTION NOTES

- 1. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
- 2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
- 3. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
- 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

- 1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS.
- 2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
- 3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
- 4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK, UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.



1 POLE ELEVATION DETAIL

SCALE: N/A

NOTE:
DRAWINGS BASED ON TYPICAL STREET LIGHT

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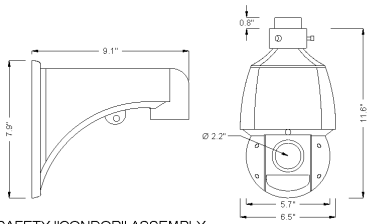
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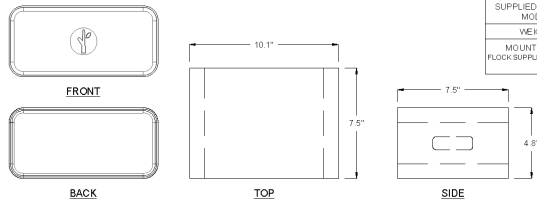
SHEET:
SPEC.01

REV:
0



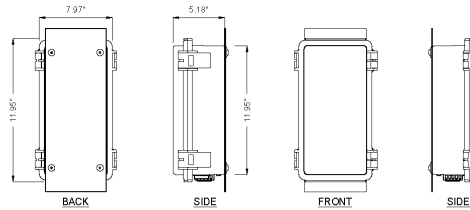
SUPPLIED BY FLOCK SAFETY
MODEL T04-000X
WEIGHT: 5.0 LB
MOUNTING HARDWARE TO BE
SUPPLIED BY FLOCK SAFETY

1 FLOCK SAFETY "CONDOR" ASSEMBLY
Scale: N/A



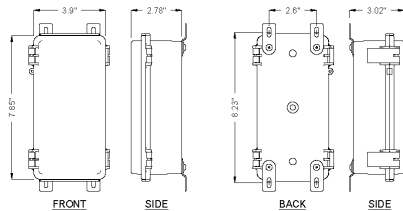
SUPPLIED BY FLOCK SAFETY
MODEL T05-0002
WEIGHT: 4.0 LB
MOUNTING HARDWARE:
FLOCK SUPPLIED MOUNTING BRACKET
T04-00102

2 FLOCK COMPUTE BOX
Scale: N/A



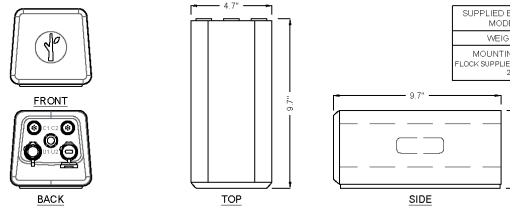
SUPPLIED BY FLOCK SAFETY
MODEL T05-00TBD
WEIGHT: 3.0 LB
MOUNTING HARDWARE:
MCMASTER-CARR
QUICK-RELEASE CLAMP
PART # 952059
OR AN APPROVED EQUIVALENT

3 POE KIT
Scale: N/A



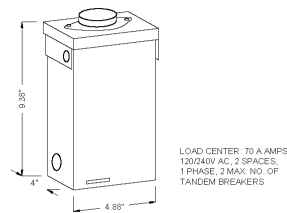
MANUFACTURER: POLYCASE
PART NO. VM-06-02
WEIGHT: 4.79 LB
MOUNTING HARDWARE:
MCMASTER-CARR
QUICK-RELEASE CLAMP
PART # 952059
OR AN APPROVED EQUIVALENT

4 AC POWER KIT ENCLOSURE
Scale: N/A



SUPPLIED BY FLOCK SAFETY
MODEL T05-0002
WEIGHT: 5.0 LB
MOUNTING HARDWARE:
FLOCK SUPPLIED MOUNTING BRACKET
T04-00101

5 FLOCK POWER MODULE
Scale: N/A



LOAD CENTER: TO A AMPS,
100/240V AC, 2 SPACES;
1 PHASE, 3 MAX. NO. OF
TANDEM BREAKERS

MANUFACTURER: SQUARE D
PART NO. HOM24LTURBCP
WEIGHT: 5.05 LB
MOUNTING HARDWARE:
MCMASTER-CARR
QUICK-RELEASE CLAMP
PART # 952059
OR AN APPROVED EQUIVALENT

6 AC DISCONNECT BOX
Scale: N/A

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COVER SHEET & LOCATION MAPS

SHEET:
SPEC.02

REV:
0

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
 - 1.1. 2009/2012/2015/2018/2021 INTERNATIONAL BUILDING CODE
 - 1.2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMIN, TRAFFIC SIGNALS, 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA
 - 2.1. DESIGN WIND SPEED (Vult): (SEE SECTION 2.6)
 - 2.2. RISK CATEGORY: II
 - 2.3. EXPOSURE CATEGORY: C
 - 2.4. TOPOGRAPHIC CATEGORY: 1
 - 2.5. SEISMIC DESIGN CRITERIA:
 - 2.5.1. SOIL SITE CLASS: D (ASSUMED)
 - 2.5.2. SPECTRAL RESPONSE, S_s : 1.000g (MAXIMUM)
 - 2.5.3. SPECTRAL RESPONSE, S_1 : 0.400G (MAXIMUM)
 - 2.5.4. SEISMIC DESIGN CATEGORY: B
 - 2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

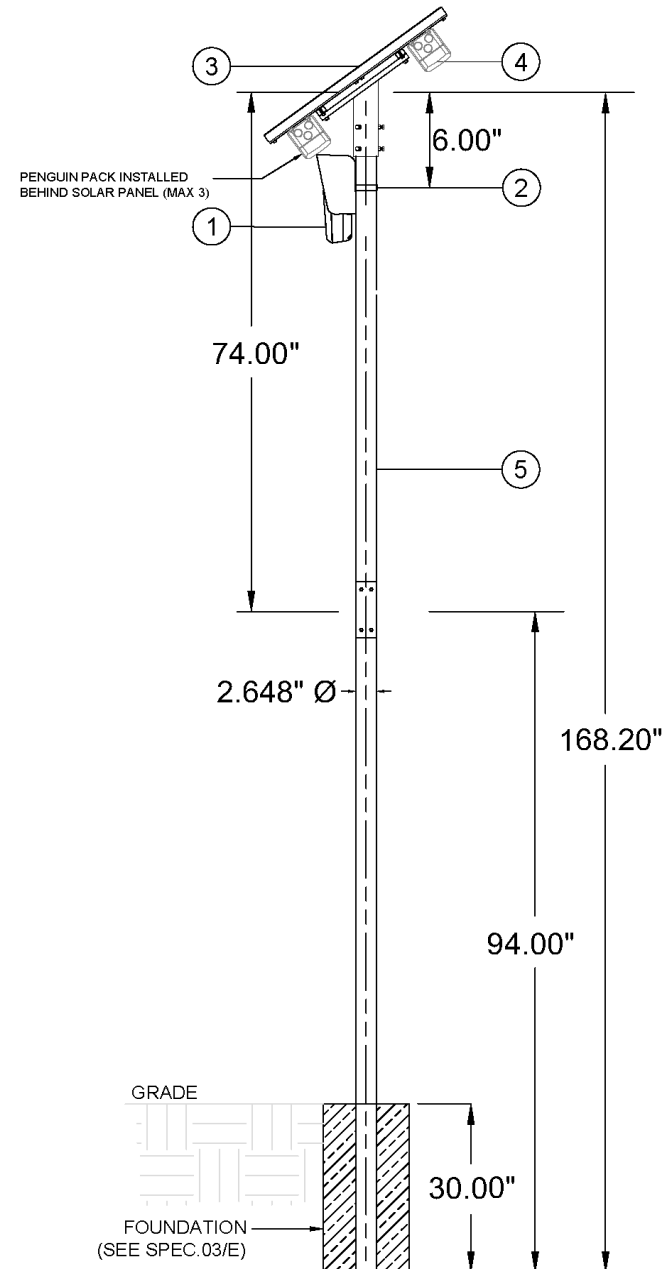
DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.280	0.180
125	3.20	0.330	0.180
135 (MAX)	3.70	0.380	0.180

- ### GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL CONTACT DESIGNATED AGENCY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
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5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS.
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OF 7'-0" ABOVE GRADE.

ITEM NO.	PART NUMBER	DESCRIPTION	TOTAL WEIGHT (LB)	QTY.
1	701-0059	FLOCK SAFETY CAMERA	3.6	1
2	201-00087	MOUNTING CLAMP	2.0	1
3	205-00010	60W SOLAR KIT	17.0	1
4	702-00028	PENGUIN PACK	4	3 (MAX)
5	1020-01	STYLE 7 COUPLER ASSEMBLY	168.42	1



1 POLE ELEVATION DETAIL

SCALE: N/A

PREVIEW

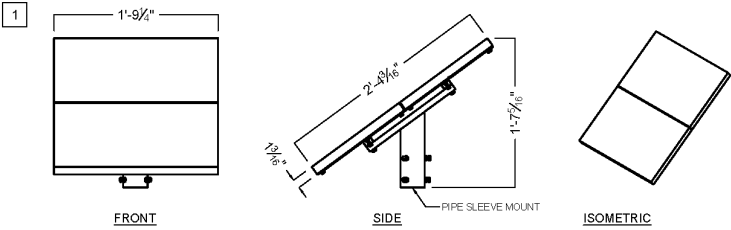
REV	DATE	BY	DESCRIPTION
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0	10/14/2024	FLK	PRELIM

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

SHEET:
SPEC.03

REV:
0

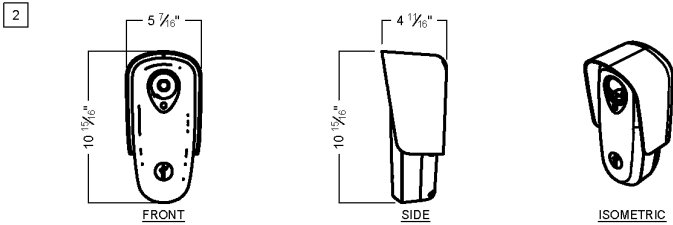
THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURROUNDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW TEXAS DEPARTMENT OF TRANSPORTATION GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.



☐ NOT USED

60 WATT SOLAR PANEL DETAIL (TOP MOUNTED)

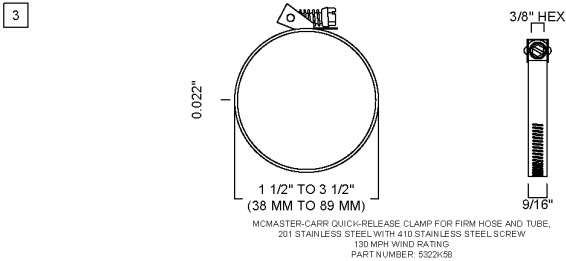
MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY



☐ NOT USED

FLOCK SAFETY "FALCON" CAMERA

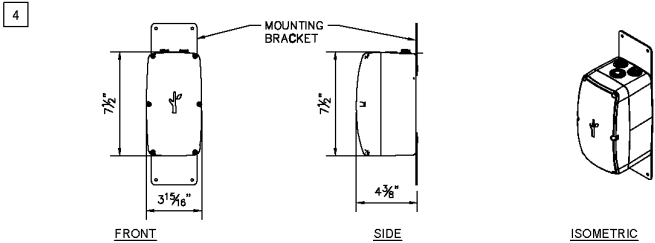
MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY



☐ NOT USED

MOUNTING CLAMP

NOTE: LARGER DIAMETER POLES WILL USE AN EQUIVALENT 201 STAINLESS STEEL STRAPPING CUT TO LENGTH.



☐ NOT USED

"PENGUIN" BATTERY PACK

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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-	-	-	-
-	-	-	-
-	-	-	-
0	10/14/2024	FLK	PRELIM

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF TEXAS

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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

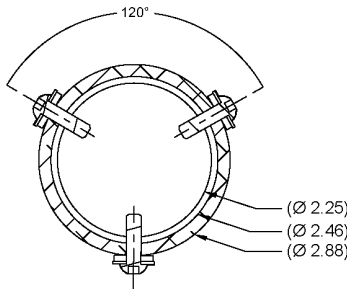
COVER SHEET & LOCATION MAPS

SHEET:
SPEC.04

REV:
0

ITEM NO.	DESCRIPTION	QTY.
1	2.5" SCH 40 2.8750D 74.000L	1
2	2.5 SCH 40 2.8750D 94.000L	1
3	BUT TORX 0.250-20 TAMPER-RESISTANT	6
4	INSERT SLEEVE STYLE 7 TAPPED	1
5	ORING	1
6	WASHER	6
7	CONCRETE FOOTING	1
8	HBOLT 0.2500-20	1

PROVELI STYLE 7 COUPLER ASSEMBLY
PART #: 1020-01
MATERIAL: VARIES
WEIGHT: 168.42 LBS
DATE: 09/27/2023
DO NOT SCALE DRAWINGS (NTS)



SECTION C-C

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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-	-	-	-
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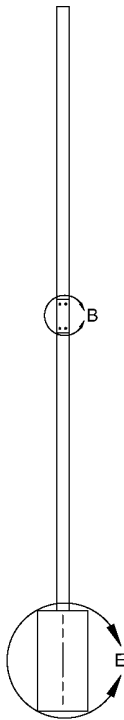
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

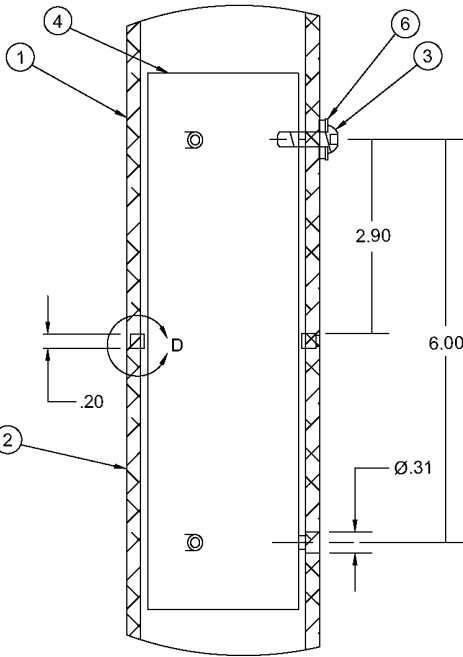
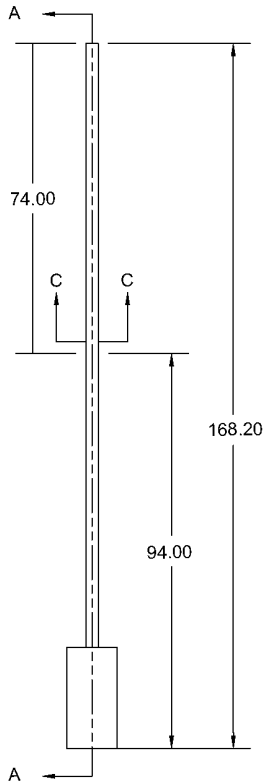
COVER SHEET & LOCATION MAPS

SHEET:
SPEC.05

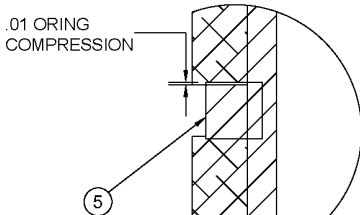
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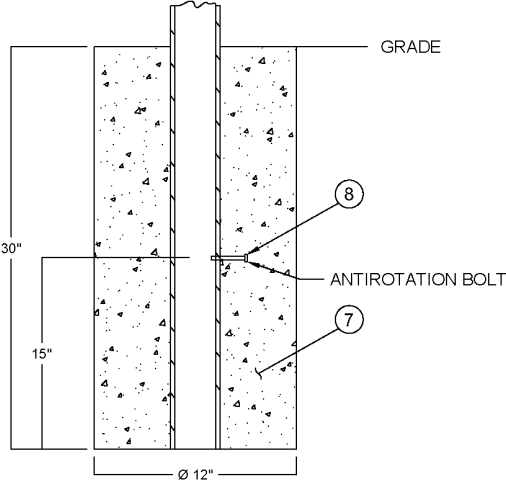
SECTION A-A



DETAIL B



DETAIL D



DETAIL E

LICENSE PLATE READER CAMERA IN-STALLATION

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION:
ALEDO I S D

ALEDO I S D
ON BEHALF OF
TX - Town of Annetta

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CONTACT LIST

PERMITTING

PROJECT MANAGER
chloe.bowden@flocksafety.com

SEE APPROVED PERMIT FOR LISTED INSPECTOR*

DRAWING INDEX

T.01	COVER SHEET & LOCATION MAPS
GN.01	GENERAL NOTES
A.01 - A.05	PLAN DRAWINGS
SPEC.01 - SPEC.08	EQUIPMENT & FOUNDATION DETAILS



Know what's below.
Call before you dig.



TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS	
SHEET: T.01	REV: 0

GENERAL & CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS OTHERWISE NOTED OR SHOWN OTHERWISE HEREIN.
2. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.
3. CONTRACTOR SHALL ENSURE ALL PROPOSED EQUIPMENT INSTALLED IS IN ACCORDANCE WITH NESC REQUIREMENTS AND CLEARANCES.
4. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE TEXAS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES, THE TEXAS DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.
5. THE PERMITTING AGENCY RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.
6. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.
7. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION.
 - 7.1. INSTALLS INVOLVING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.
8. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00AM TO 5:30PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
9. FLOCK SAFETY SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.
10. WORK INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT OF TRANSPORTATION.
11. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
12. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.
 - 12.1. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.
13. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.
14. NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
15. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE TEXAS DEPARTMENT OF TRANSPORTATION INTERMEDIATE TRAFFIC CONTROL LEVEL TRAINING OR EQUIVALENT.
16. THE PERMITTING AGENCY RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.
17. THE PERMITTEE SHALL NOTIFY THE PERMITTING AGENCY OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.
18. IF THE PROPOSED METHOD NOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.
19. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK AND TO THE SATISFACTION OF THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY AT NO ADDITIONAL COMPENSATION.
 - 19.1. RESTORATION MAY INCLUDE BUT IS NOT LIMITED TO GRADING AND SODDING IN ANY DISTURBED AREA.
 - 19.2. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO THE STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
20. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.
21. ALL ROADWAY PAVEMENT, CURBS, GUTTERS AND STORM WATER COLLECTORS WILL BE KEPT FREE OF MUD AND OTHER DEBRIS AT ALL TIMES DURING CONSTRUCTION.
22. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
23. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND LOCAL STANDARDS. USE STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.
2. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
3. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

DRAWINGS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

SPECIFICATIONS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS CONTAINED IN THAT CERTAIN "MASTER AGREEMENT, OUTSIDE PLANT MAINTENANCE CONSTRUCTION SERVICES," PROVIDED THAT SUCH AN AGREEMENT EXISTS BETWEEN FLOCK SAFETY AND CONTRACTOR. IN THE ABSENCE OF SUCH AN AGREEMENT, THE SPECIFICATIONS CONTAINED IN AN AGREEMENT TO BE EXECUTED BY THE PARTIES PRIOR TO THE COMMENCEMENT OF WORK SHALL GOVERN.

MATERIALS

1. INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.

- 1.1. ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.

2. THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.

3. ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME

SAFETY AND PRECAUTIONS

1. ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.

2. THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND / OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.

3. INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.

4. INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

STAKING AND SCHEDULING

1. ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING. THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.

2. FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.

3. IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

PERMITS

1. FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.

2. CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY. ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE CONTRACTOR'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT TEXAS DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.

SCOPE OF WORK

1. THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS: THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY ALPR CAMERAS WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

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TX - Town of Annetta

PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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0	10/14/2024	FLK	PRELIM

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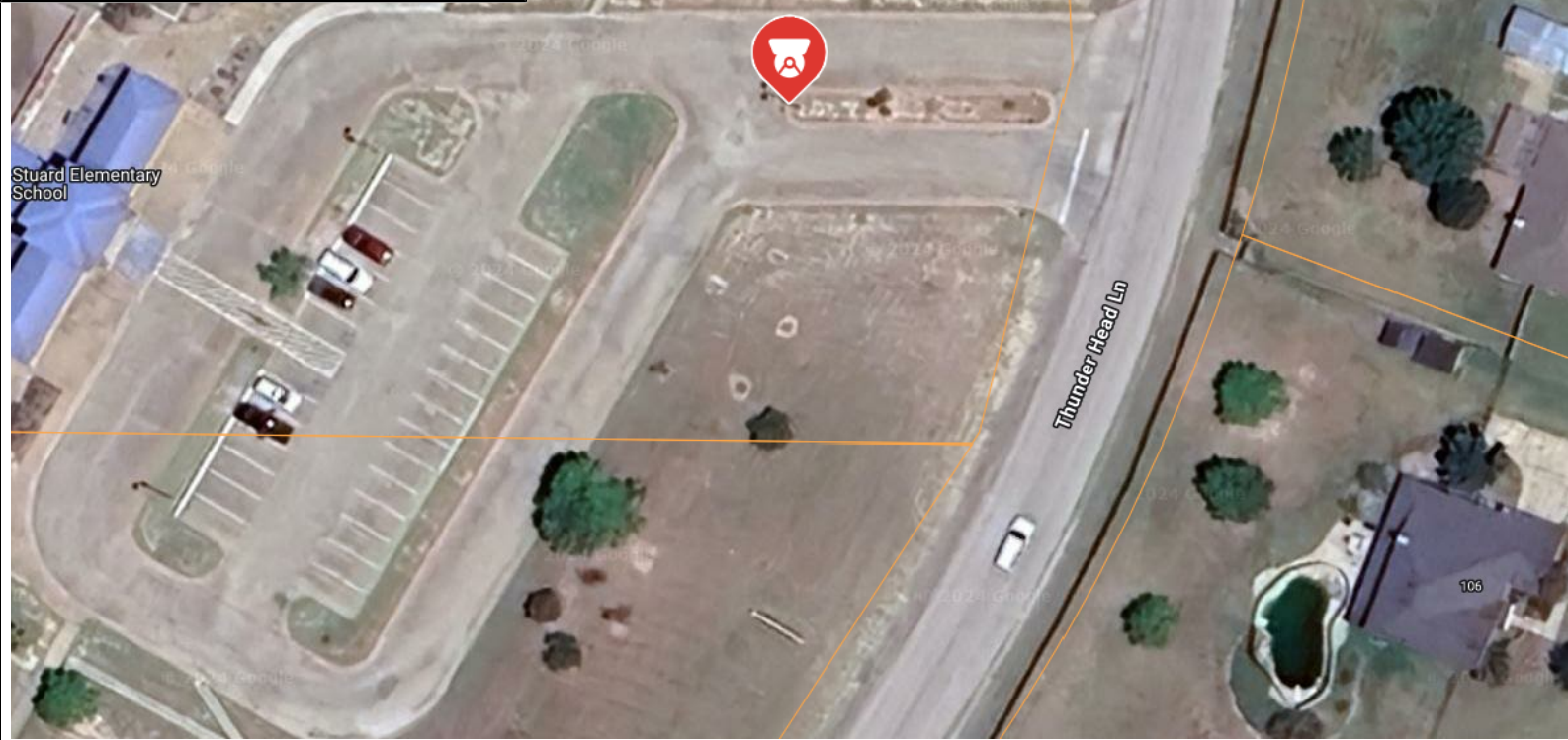
LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

SHEET: GN.01	REV: 0
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FLOCK LOCATION DETAILS			
LOCATION NAME: C#003 Stuard Elementary Front			
GEOGRAPHIC COORDINATES: 32.6740749246429,-97.6462431698671			
			
STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
104 Thunder Head Ln	0		0 ft
Corresponding Spec Sheet		SPEC.01-02	



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TX - Town of Annetta

PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS	
SHEET: A.01	REV: 0

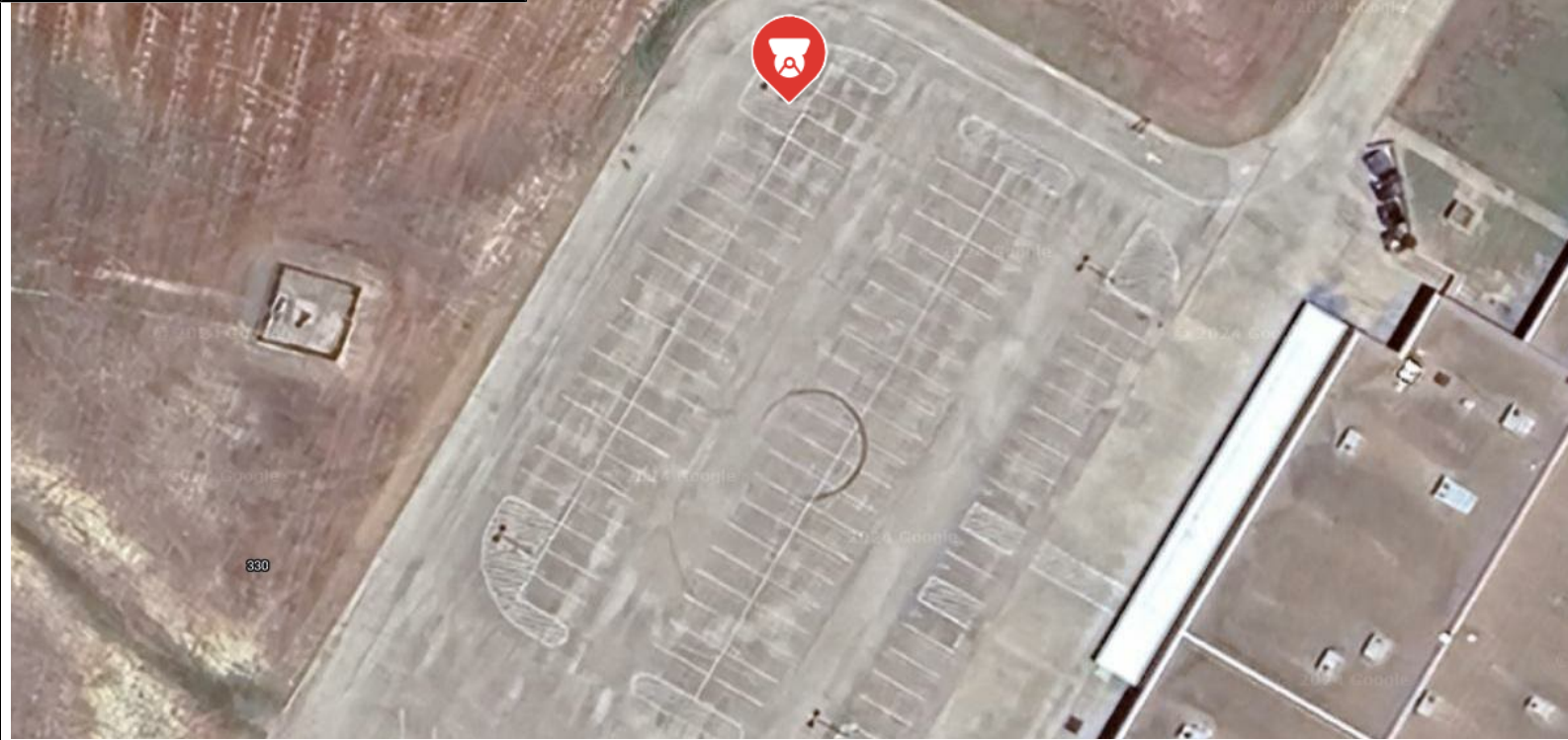
FLOCK LOCATION DETAILS

LOCATION NAME: C#005 Stuard Elementary Back
GEOGRAPHIC COORDINATES:
32.674600920191324,-97.6482039521913



Street view Unavailable
Street view is not currently available based on the geographic coordinates provided for this location.

STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
330 Thunder Head Ln	0		0 ft
Corresponding Spec Sheet		SPEC.01-02	



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TX - Town of Annetta

PREVIEW

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1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

SHEET: A.02	REV: 0
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FLOCK LOCATION DETAILS

LOCATION NAME: F#001 Stuard ES Middle Entrance
GEOGRAPHIC COORDINATES:
32.674183394225714,-97.64621761925433



STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
104 Thunder Head Ln	0	3000	0 ft
Corresponding Spec Sheet		SPEC.03-05	



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TX - Town of Annetta
PREVIEW

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ATLANTA, GA 30318

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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS	
SHEET: A.03	REV: 0

FLOCK LOCATION DETAILS			
LOCATION NAME: P#001 Stuard ES North Entrance			
GEOGRAPHIC COORDINATES: 32.6750658104189,-97.64654994076139			
			
STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
104 Thunder Head Ln	0		0 ft
Corresponding Spec Sheet		SPEC.06-08	



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TX - Town of Annetta

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS	
SHEET: A.04	REV: 0

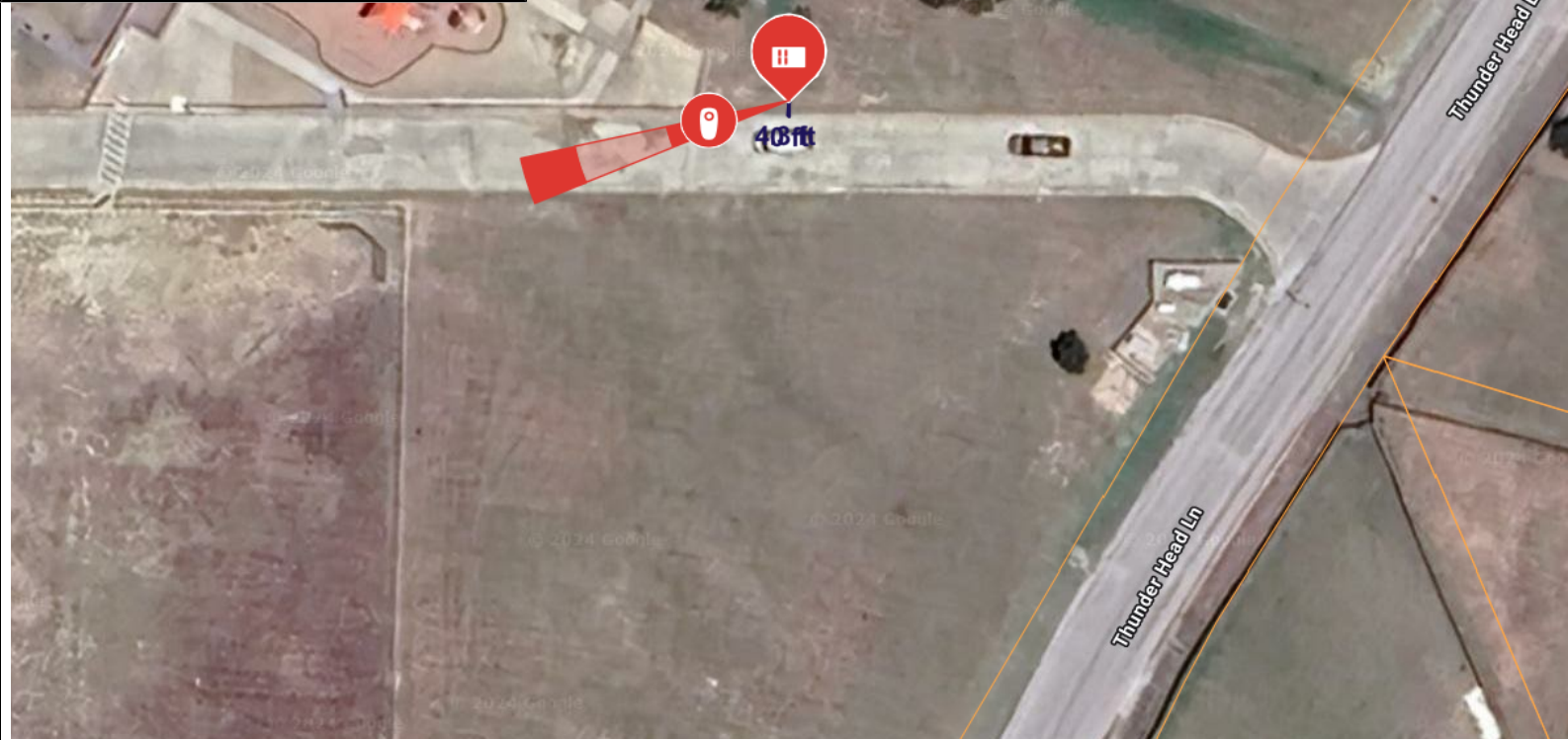
FLOCK LOCATION DETAILS

LOCATION NAME: P#002 Stuard ES South Entrance
GEOGRAPHIC COORDINATES:
32.67331983194117,-97.64715198143351



Street view Unavailable
Street view is not currently available based on the geographic coordinates provided for this location.

STREET NAME/SR #	SPEED LIMIT	TRAFFIC VOLUME	EOP DISTANCE
350 Thunder Head Ln	0		0 ft
Corresponding Spec Sheet		SPEC.06-08	



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TX - Town of Annetta

PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	10/14/2024	FLK	PRELIM

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF TEXAS

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

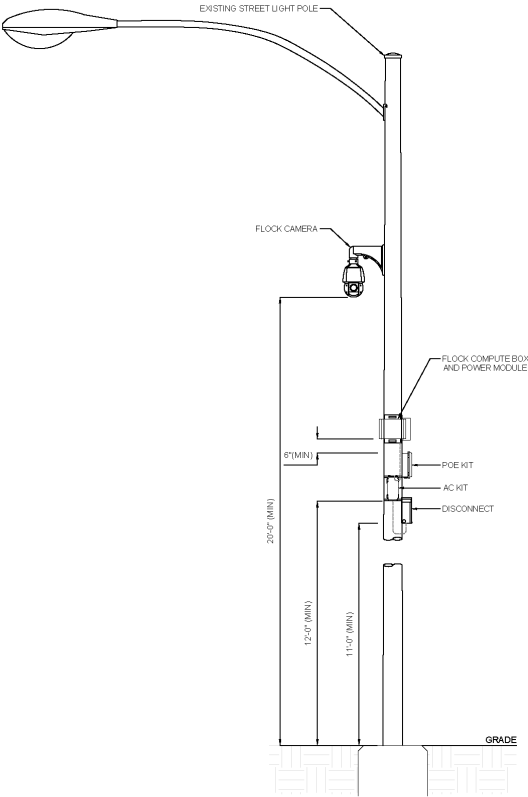
SHEET: A.05	REV: 0
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GENERAL & CONSTRUCTION NOTES

- 1. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
- 2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
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ADA COMPLIANCE NOTES

- 1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS.
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- 3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
- 4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK, UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.



1 POLE ELEVATION DETAIL

SCALE: N/A

NOTE:
DRAWINGS BASED ON TYPICAL STREET LIGHT

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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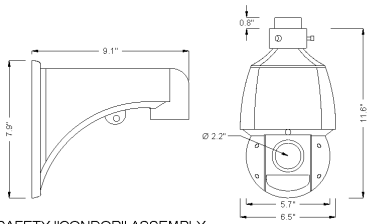
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

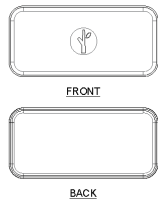
SHEET:
SPEC.01

REV:
0



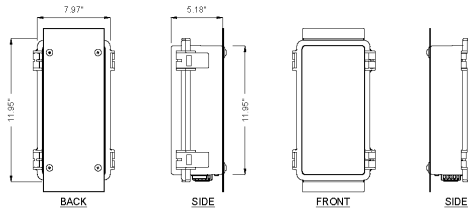
SUPPLIED BY FLOCK SAFETY
MODEL T04-000X
WEIGHT: 5.0 LB
MOUNTING HARDWARE TO BE
SUPPLIED BY FLOCK SAFETY

1 FLOCK SAFETY "CONDOR" ASSEMBLY
Scale: N/A



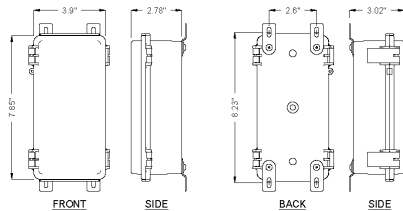
SUPPLIED BY FLOCK SAFETY
MODEL T05-0002
WEIGHT: 4.0 LB
MOUNTING HARDWARE:
FLOCK SUPPLIED MOUNTING BRACKET
T04-00102

2 FLOCK COMPUTE BOX
Scale: N/A



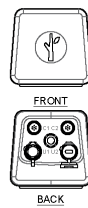
SUPPLIED BY FLOCK SAFETY
MODEL T05-00TBD
WEIGHT: 3.0 LB
MOUNTING HARDWARE:
MCMASTER-CARR
QUICK-RELEASE CLAMP
PART # 952N59
OR AN APPROVED EQUIVALENT

3 POE KIT
Scale: N/A



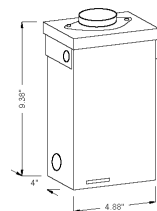
MANUFACTURER: POLYCASE
PART NO. VM-06-02
WEIGHT: 4.70 LB
MOUNTING HARDWARE:
MCMASTER-CARR
QUICK-RELEASE CLAMP
PART # 952N59
OR AN APPROVED EQUIVALENT

4 AC POWER KIT ENCLOSURE
Scale: N/A



SUPPLIED BY FLOCK SAFETY
MODEL T05-0002
WEIGHT: 5.0 LB
MOUNTING HARDWARE:
FLOCK SUPPLIED MOUNTING BRACKET
T04-00101

5 FLOCK POWER MODULE
Scale: N/A



LOAD CENTER: TO A AMPS,
100/240V AC, 2 SPACES;
1 PHASE, 2 MAX. NO. OF
TANDEM BREAKERS

6 AC DISCONNECT BOX
Scale: N/A

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
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0	10/14/2024	FLK	PRELIM

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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

SHEET:
SPEC.02

REV:
0

DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
- 1.1. 2009/2012/2015/2018/2021 INTERNATIONAL BUILDING CODE
- 1.2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMIN, TRAFFIC SIGNALS, 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA
- 2.1. DESIGN WIND SPEED (Vult): (SEE SECTION 2.6)
- 2.2. RISK CATEGORY: II
- 2.3. EXPOSURE CATEGORY: C
- 2.4. TOPOGRAPHIC CATEGORY: 1
- 2.5. SEISMIC DESIGN CRITERIA:
- 2.5.1. SOIL SITE CLASS: D (ASSUMED)
- 2.5.2. SPECTRAL RESPONSE, S_s: 1.000g (MAXIMUM)
- 2.5.3. SPECTRAL RESPONSE, S₁: 0.400g (MAXIMUM)
- 2.5.4. SEISMIC DESIGN CATEGORY: B
- 2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.280	0.160
125	3.20	0.330	0.160
135 (MAX)	3.70	0.380	0.160

- 2.7. SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO INSTALLATION.
4. FOUNDATION TO CONSIST OF CONCRETE SURROUNDING THE PROPOSED POLE WITH A MINIMUM OF 3,000-PSI COMPRESSIVE STRENGTH.

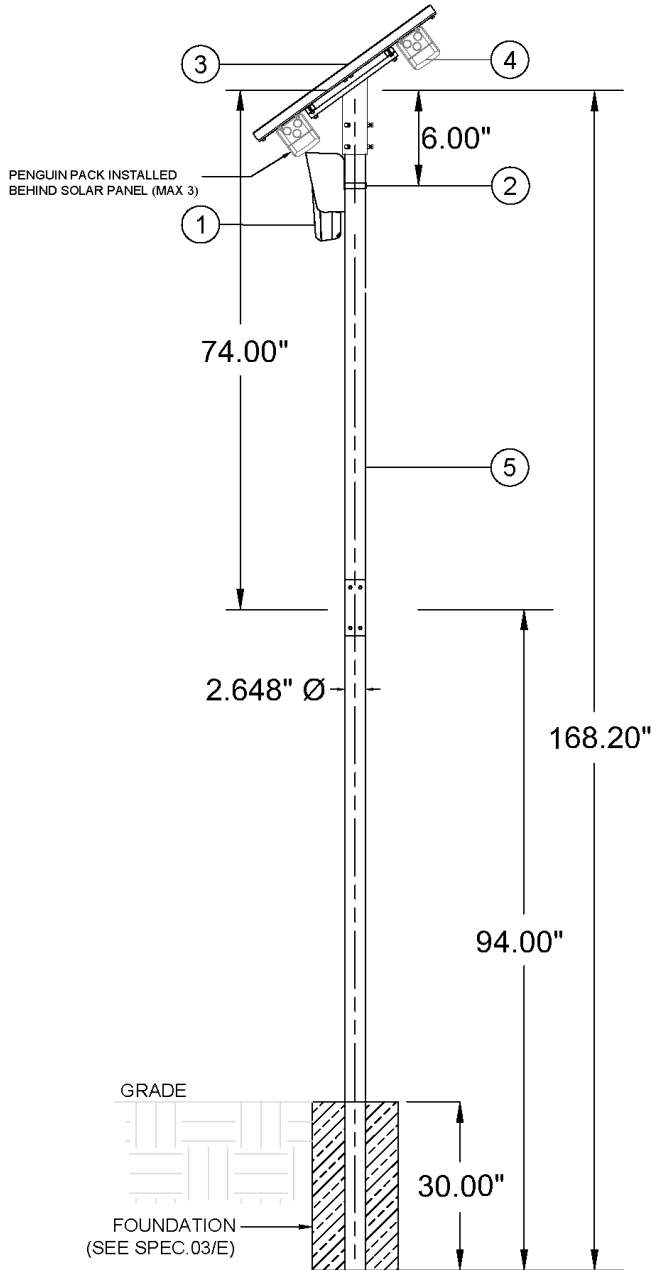
GENERAL & CONSTRUCTION NOTES

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4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OF 7'-0" ABOVE GRADE.

ITEM NO.	PART NUMBER	DESCRIPTION	TOTAL WEIGHT (LB)	QTY.
1	701-0059	FLOCK SAFETY CAMERA	3.6	1
2	201-00087	MOUNTING CLAMP	2.0	1
3	205-00010	80W SOLAR KIT	17.0	1
4	702-00028	PENGUIN PACK	4	3 (MAX)
5	1020-01	STYLE 7 COUPLER ASSEMBLY	168.42	1



1 POLE ELEVATION DETAIL

SCALE: N/A

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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0	10/14/2024	FLK	PRELIM

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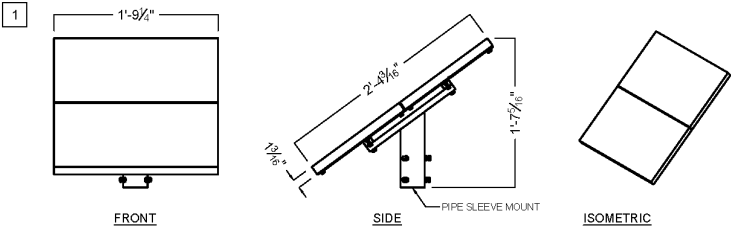
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

SHEET:
SPEC.03

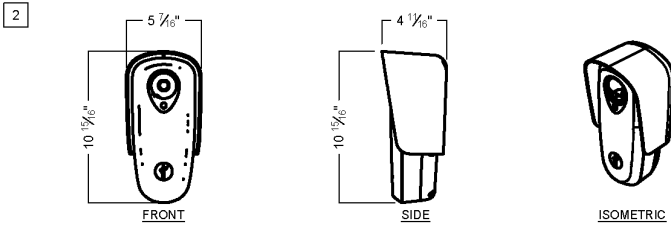
REV:
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☐ NOT USED

60 WATT SOLAR PANEL DETAIL (TOP MOUNTED)

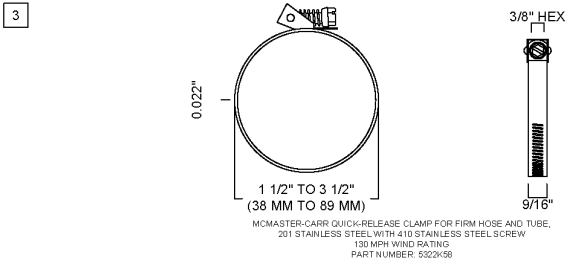
MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY



☐ NOT USED

FLOCK SAFETY "FALCON" CAMERA

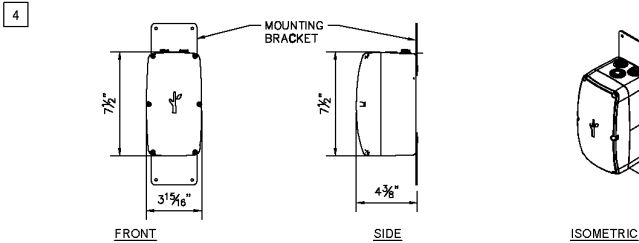
MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY



☐ NOT USED

MOUNTING CLAMP

NOTE: LARGER DIAMETER POLES WILL USE AN EQUIVALENT 201 STAINLESS STEEL STRAPPING CUT TO LENGTH.



☐ NOT USED

"PENGUIN" BATTERY PACK

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

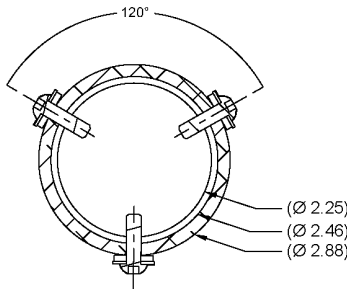
COVER SHEET & LOCATION MAPS

SHEET:
SPEC.04

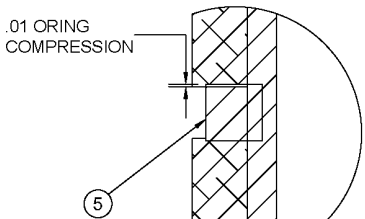
REV:
0

ITEM NO.	DESCRIPTION	QTY.
1	2.5" SCH 40 2.8750D 74.000L	1
2	2.5 SCH 40 2.8750D 94.000L	1
3	BUT TORX 0.250-20 TAMPER-RESISTANT	6
4	INSERT SLEEVE STYLE 7 TAPPED	1
5	ORING	1
6	WASHER	6
7	CONCRETE FOOTING	1
8	HBOLT 0.2500-20	1

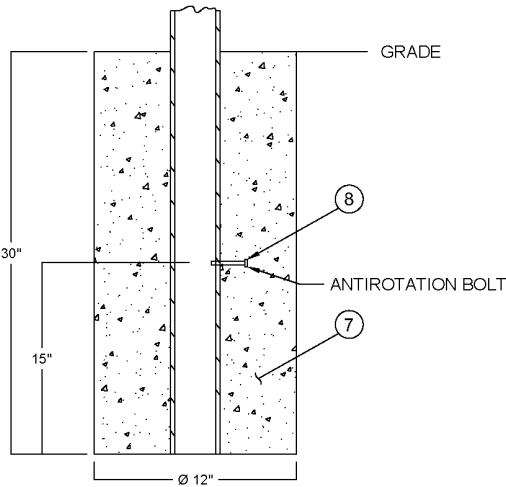
PROVELI STYLE 7 COUPLER ASSEMBLY
PART #: 1020-01
MATERIAL: VARIES
WEIGHT: 168.42 LBS
DATE: 09/27/2023
DO NOT SCALE DRAWINGS (NTS)



SECTION C-C

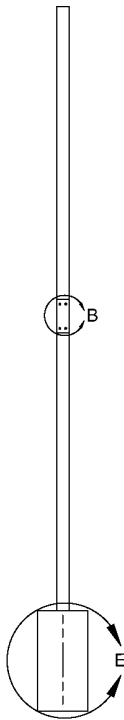


DETAIL D

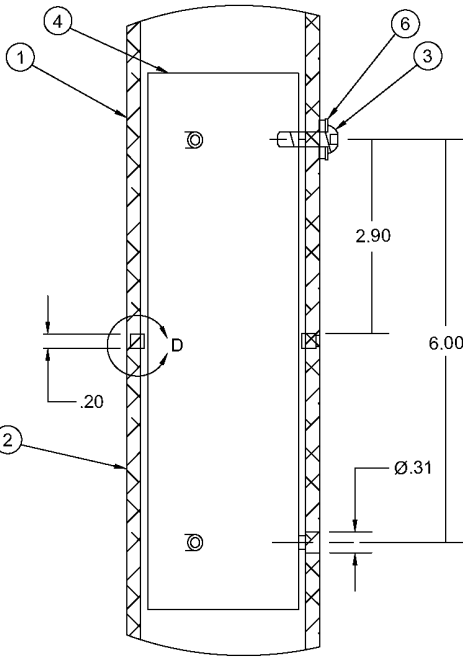
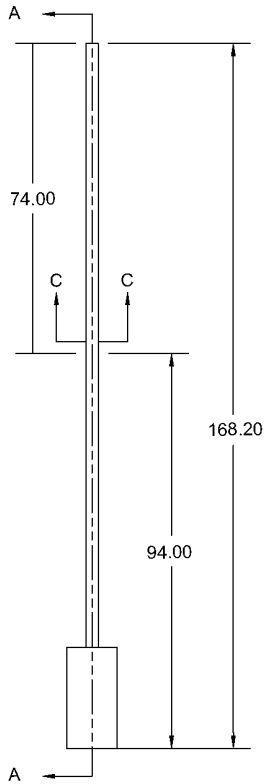


DETAIL E

NOTE: CONCRETE SHALL HAVE A
MINIMUM COMPRESSIVE STRENGTH
OF 3,000 PSI.



SECTION A-A



DETAIL B

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

SHEET:
SPEC.05

REV:
0

DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
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2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA
- 2.1. DESIGN WIND SPEED (V_W): (SEE SECTION 2.6)
- 2.2. RISK CATEGORY: II
- 2.3. EXPOSURE CATEGORY: C
- 2.4. TOPOGRAPHIC CATEGORY: 1
- 2.5. SEISMIC DESIGN CRITERIA:
- 2.5.1. SOIL SITE CLASS: D (ASSUMED)
- 2.5.2. SPECTRAL RESPONSE, S_s: 1.000g (MAXIMUM)
- 2.5.3. SPECTRAL RESPONSE, S₁: 0.400g (MAXIMUM)
- 2.5.4. SEISMIC DESIGN CATEGORY: B
- 2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.280	0.180
125	3.20	0.330	0.180
135 (MAX)	3.70	0.380	0.180

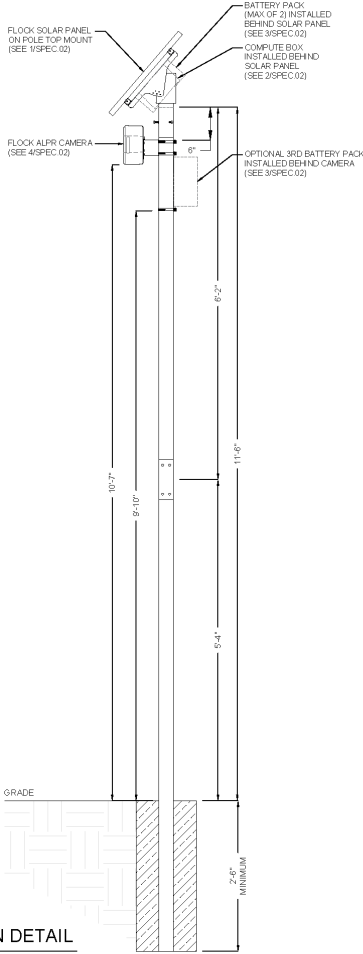
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1 POLE ELEVATION DETAIL

SCALE: 1:20

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TX - Town of Annetta

PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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0	10/14/2024	FLK	PRELIM

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LICENSE PLATE READER CAMERA INSTALLATION

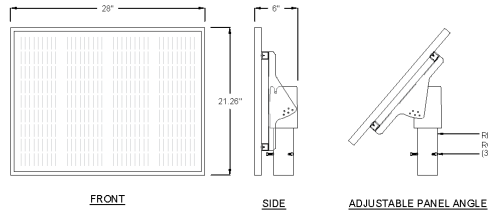
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

COVER SHEET & LOCATION MAPS

SHEET:
SPEC.06

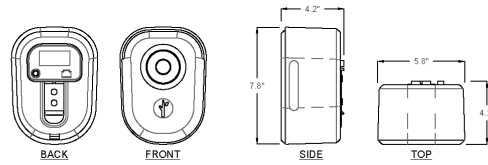
REV:
0

1 65 WATT SOLAR PANEL AND MOUNT ASSEMBLY (TOP MOUNTED)



SUPPLIED BY FLOCK SAFETY
MODEL 702-00080
WEIGHT: 18 LB.
MOUNTING HARDWARE:
(2) M6 BOLTS

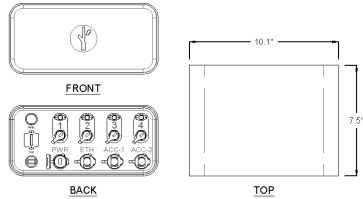
4 FLOCK AUTOMATIC LICENSE PLATE READER CAMERA



SUPPLIED BY FLOCK SAFETY
MODEL 706-0002
WEIGHT: 3.5 LB.
MOUNTING HARDWARE:
MONITOR-CAMER QUICK-RELEASE CLAMP
PART # 702005
OR AN APPROVED EQUIVALENT

5 NOT USED

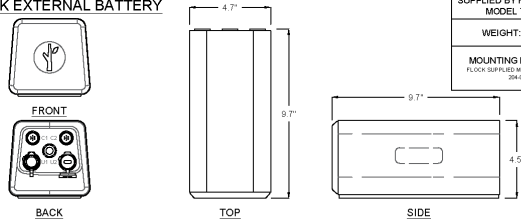
2 FLOCK COMPUTE BOX



SUPPLIED BY FLOCK SAFETY
MODEL 705-0002
WEIGHT: 4.6 LB.
MOUNTING HARDWARE:
FLOCK SUPPLIED MOUNTING BRACKET
204-01002

6 NOT USED

3 FLOCK EXTERNAL BATTERY



SUPPLIED BY FLOCK SAFETY
MODEL 705-0002
WEIGHT: 5.9 LB.
MOUNTING HARDWARE:
FLOCK SUPPLIED MOUNTING BRACKET
204-01001

7 NOT USED

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

TX - Town of Annetta
PREVIEW

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1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
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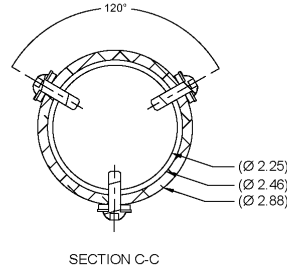
COVER SHEET & LOCATION MAPS

SHEET:
SPEC.07

REV:
0

ITEM NO.	DESCRIPTION	QTY.
1	2 1/2" SCH 40 2.875OD 74.000L	1
2	2 1/2" SCH 40 2.875OD 94.000L	1
3	BUT TORX 0.250-20 TAMPER-RESISTANT	6
4	INSERT SLEEVE STYLE 7 TAPPED	1
5	ORING	1
6	WASHER	6
7	CONCRETE FOOTING	1
8	HBOLT 0.2500-20	1

PROVELI STYLE 7 COUPLER ASSEMBLY
PART #: 1020-01
MATERIAL: VARIES
WEIGHT: 168.42 LBS
DATE: 09/27/2023
DO NOT SCALE DRAWINGS (NTS)



SECTION C-C

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TX - Town of Annetta
PREVIEW

Flock Safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	10/14/2024	FLK	PRELIM

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF TEXAS

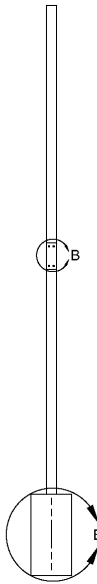
[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: PREVIEW
PERMITTING JURISDICTION: ALEDO I S D

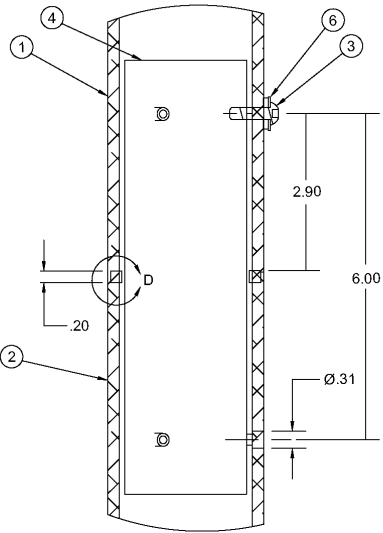
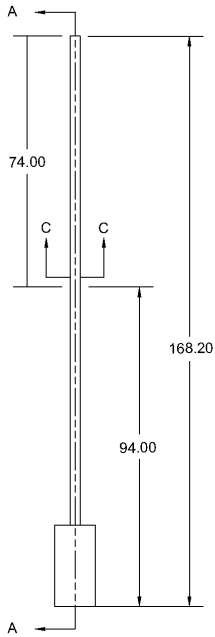
COVER SHEET & LOCATION MAPS

SHEET:
SPEC.08

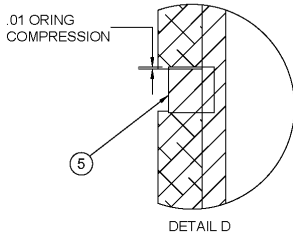
REV:
0



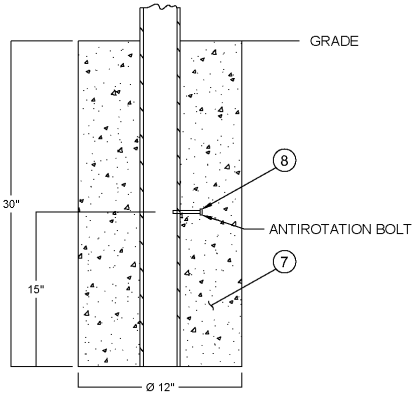
SECTION A-A



DETAIL B



DETAIL D



DETAIL E

NOTE: CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.