

VELES LOGISTICS  
BUSINESS PARK  
SR 16

for

PROJECT  
LOCATION

VELES LOGISTICS  
GLENN TRUSHKIN  
127 OLD FIELD LANE  
ST AUGUSTINE FL 32084  
904-679-1615  
VELESDISPATCH@GMAIL.COM



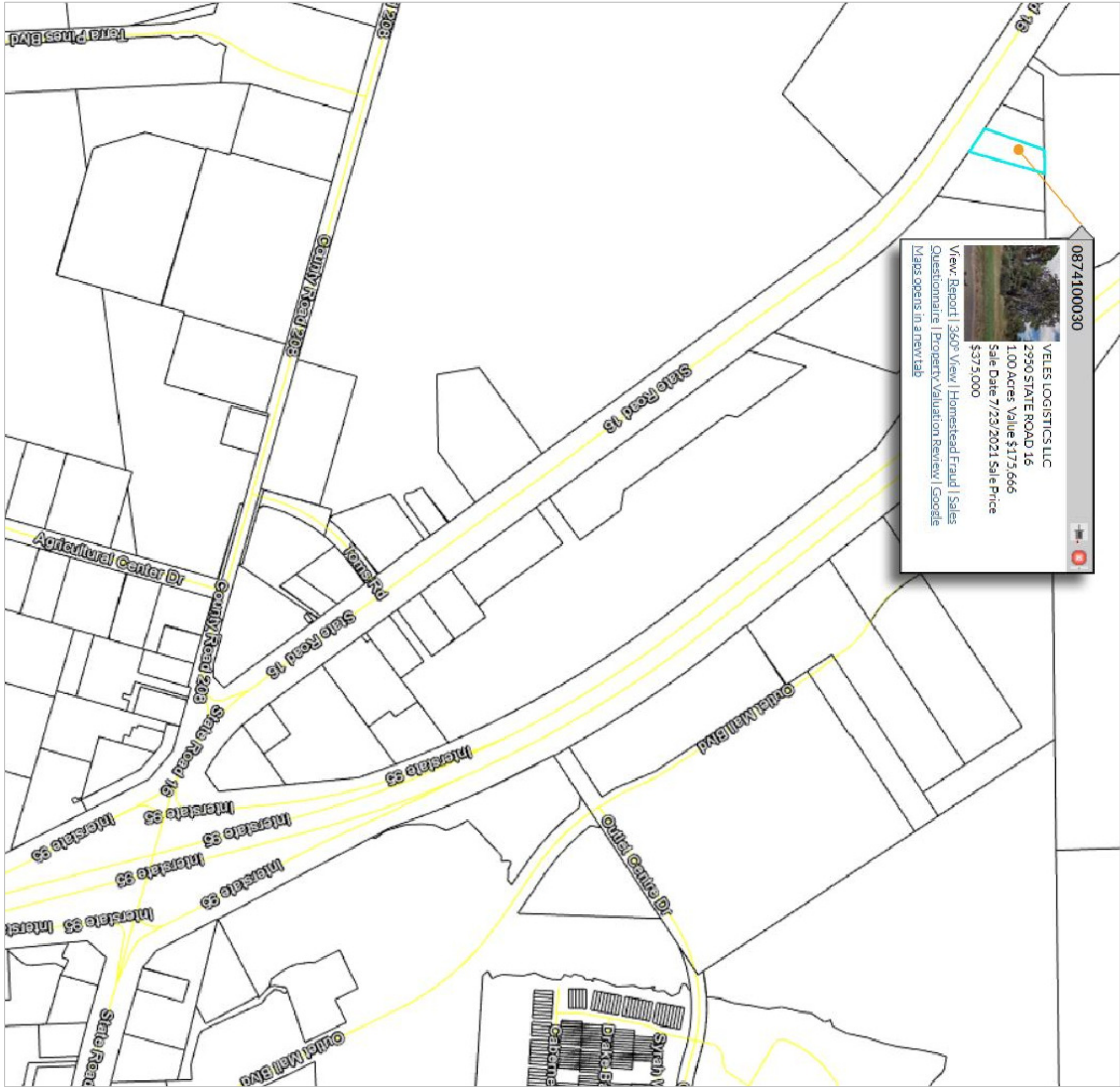
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ENGINEERING SERVICES  
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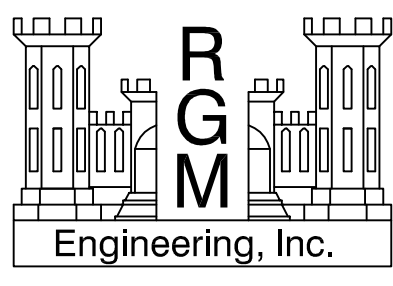
RGM ENGINEERING  
65 LEWIS BLVD  
ST. AUGUSTINE, FLORIDA 32084  
(904) 814-7633



FIRE PROTECTION NOTES

1. ALL FIRE HYDRANTS TO OPEN COUNTER CLOCKWISE  
2. APPROVAL OF THESE PLANS DO NOT INCLUDE APPROVAL FOR PRIVATE UNDERGROUND WATER MAIN, HYDRANTS, AND FIRE SPRINKLER MAINS.  
3. IF A PRIVATE HYDRANT IS INSTALLED WITHOUT A FIRE MARSHAL PERMIT, THIS WILL HOLD UP YOUR AS-BUILT AND REQUIRE THE WATERMAIN TO BE DUG UP  
4. OWNER ACKNOWLEDGES THAT WHEN VERTICAL CONSTRUCTION BEGINS, FIRE DEPT ACCESS IS REQUIRED.  
ACCESS ROADS ARE TO BE PROVIDED AT THE START OF THE PROJECT AND ARE TO BE MAINTAINED THROUGHOUT LENGTH OF THE CONSTRUCTION  
ACCESS ROAD TO BE UNOBSTRUCTED 20' WIDE, STABILIZED SURFACE TO SUPPORT 80,000 LBS AND PROVIDE TURNAROUND FOR A 50' FIRE APPARATUS

| Date | Revisions |
|------|-----------|
|      |           |



65 LEWIS BLVD  
ST. AUGUSTINE, FLORIDA 32084  
904-814-7633  
C.A. #30799

VELES LOGISTICS  
BUSINESS PARK

COVER  
SHEET

ROBERT G. MORGEN JR. , P.E.  
#58118

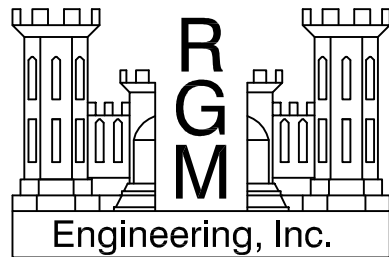
10-6-22



2950 STATE ROAD No. 16  
ST. AUGUSTINE, FLORIDA

| Date | Revisions |
|------|-----------|
|------|-----------|

**ST. AUGUSTINE, FLORIDA 32084**  
**904-814-7633**  
**C.A. #30799**



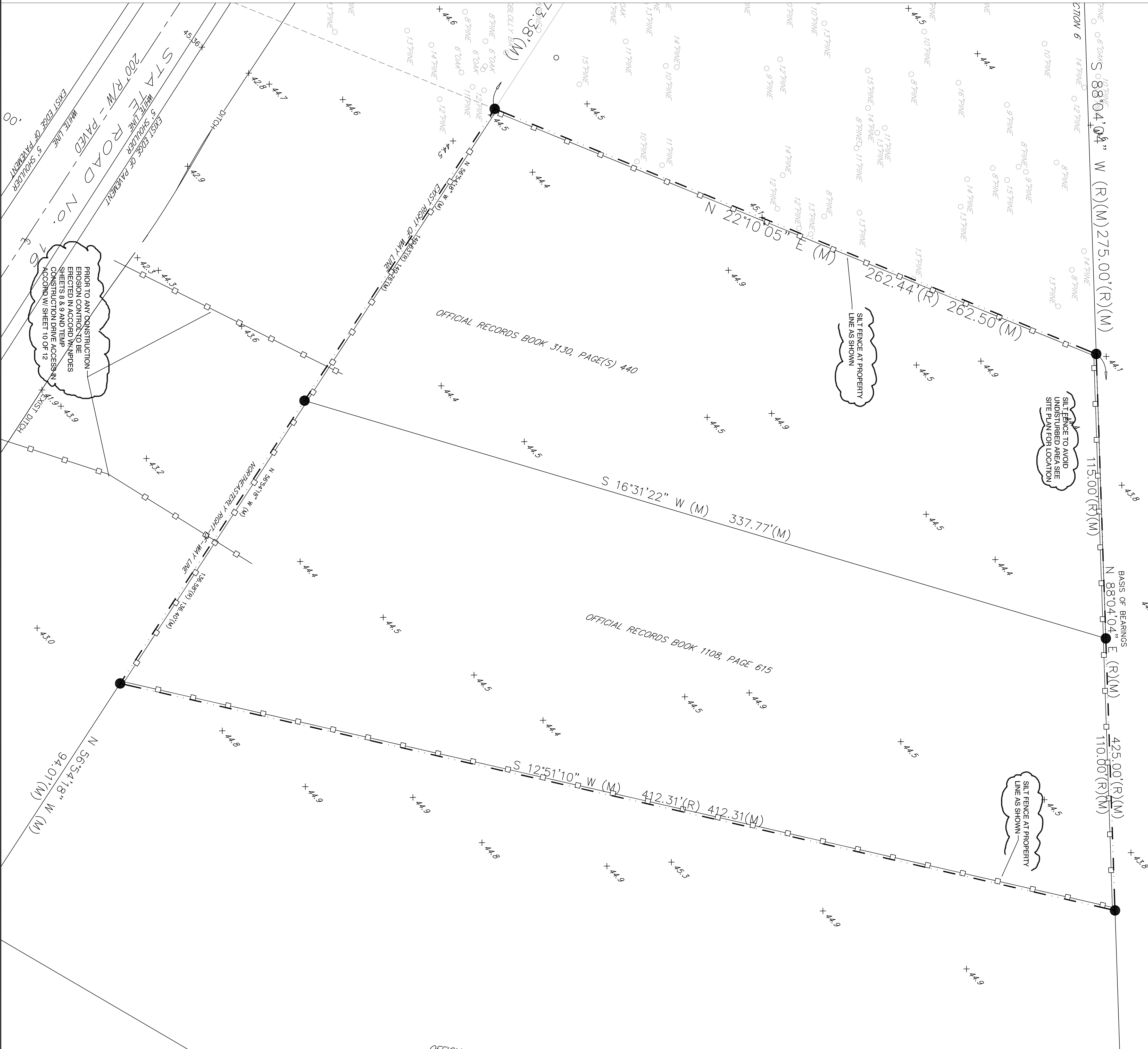
# VELES LOGISTICS BUSINESS PARK

## EXISTING SURVEY

ROBERT G. MORGEN JR., P.E.  
#58118

**10-6-22**

2  
OF 12



## LEGEND

|        |  |
|--------|--|
| PGB    | == POINT OF BEGINNING                                  |
| R/W    | == RIGHT OF WAY  |
| LB     | == LICENSED BUSINESS                                   |
| S&T    | == SURVEYED FEET                                       |
| RECORD | == MEASURED  |
| (M)    | == CALCULATED  |
| (C)    | == CENTRAL ANGLE                                       |
| A      | == ARC LENGTH  |
| R      | == RADIUS  |
| CH     | == CHORD BEARING                                       |
| CB     | == POINT OF CURVATURE                                  |
| PT     | == POINT OF TANGENCY                                   |
| PC     | == POINT OF BEGINNING                                  |
| CHW    | == OVERHEAD WIRE(S)                                    |
| SV     | == SEWER VALVE   |
| CS     | == CORRUGATED METAL PIPE                               |
| MES    | == MITERED END SECTION                                 |
| CM     | == FOUND 1/2" IRON PIPE - # 6689                       |
| ●      | == FOUND 1/2" IRON PIPE - NO IDENTIFICATION            |
| ●      | == FOUND 3/4" IRON PIPE - NO IDENTIFICATION            |
| ●      | == FOUND 1" x 4" CONCRETE MONUMENT - NO IDENTIFICATION |
| ■      | == FOUND 5/8" IRON ROD - "FLOT"                        |
| £      | == CENTER LINE   |

08" PINE = TREE - TRUNK DIAMETER - TYPE

4.4.9 = SPOT ELEVATION

BM #1  
= NAIL AND DISK SET ON NORTHERLY EDGE OF PAVEMENT AT THE  
WESTERLY PROPERTY LINE EXTENDED  
ELEVATION = 44.42 NAVD 1988

BM #1  
ELEVATION = 44.42 NAVD 1988

BM #2 = NAIL AND DISK SET ON NORTHERLY EDGE OF PAVEMENT AT THE EASTERLY PROPERTY LINE EXTENDED  
ELEVATION = 45.31 NAVD 1988

NOTES

THE PARCEL OF LANDS SHOWN HEREIN LIES WITHIN FLOOD ZONE "X" (AREA OUTSIDE 0.2% ANNUAL CHANCE OF FLOOD) AS  
 DEPICTED ON FLOOD INSURANCE RATE MAP No. 12109C-0291-H, COMMUNITY No. 125147 FOR ST. JOHNS COUNTY, FLORIDA AS  
 REWISED 09/02/04. <http://www2.gis.doccc.co.st-johns.fl.us/mmp/>

THE BASIS OF BEARING AS SHOWN HEREON IS THE NORTH LINE OF SECTION 6 HAVING AN ASSUMED BEARING OF N 88°04'04" E.

OWNERSHIP OF FENCES NOT DETERMINED BY THIS SURVEY.

FENCE POSITIONS MAY BE SHOWN EXAGGERATED FOR CLARITY.

ALL ELEVATIONS AS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 ( N.A.V.D. - 1988 ).

TO CONVERT ELEVATIONS FROM NAVD 1988 TO NGVD 1929, ADD 1.030 FEET  
CONVERSION FACTOR OBTAINED FROM:

[HTTP://WWW.NGS.NOAA.GOV/TOOLS/VERTCON/VERTCON.HTML](http://www.ngs.noaa.gov/TOOLS/VERTCON/VERTCON.HTML)

ALL CALCULATED DATA IS BASED ON FIELD MEASUREMENT.

ENCROACHMENTS AS SHOWN HEREON ARE ONLY THOSE ABOVEGROUND, VISIBLE OBJECTS OBSERVED BY THE SURVEYOR

THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP

NO UNDERGROUND STRUCTURES, UTILITIES OR FOUNDATIONS WERE LOCATED OR DETERMINED BY THIS SURVEY.

THE PARCEL OF LAND AS SHOWN HEREON WAS NOT ABSTRACTED FOR DEEDS, DEED RESTRICTIONS, EASEMENTS OR RIGHTS OF WAY ON RECORD.

RECORD.

THIS SURVEY IS NOT VALID UNLESS IT IS SIGNED AND EMBOSSED WITH THE SIGNING SURVEYORS SEAL.

THIS SURVEY IS CERTIFIED TO AND FOR THE USE AND BENEFIT OF: JOE HATIN

SUBJECT TO THE ABOVE CONDITIONS AND RESTRICTIONS, I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PERFORMED BY EITHER MYSELF OR UNDER MY DIRECT SUPERVISION AND THAT ALL OF THE INFORMATION SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THIS SURVEY CONFORMS TO SECTION 472.027 OF THE FLORIDA STATUTES AS AMENDED AND 61017-6 OF THE FLORIDA ADMINISTRATIVE CODE.

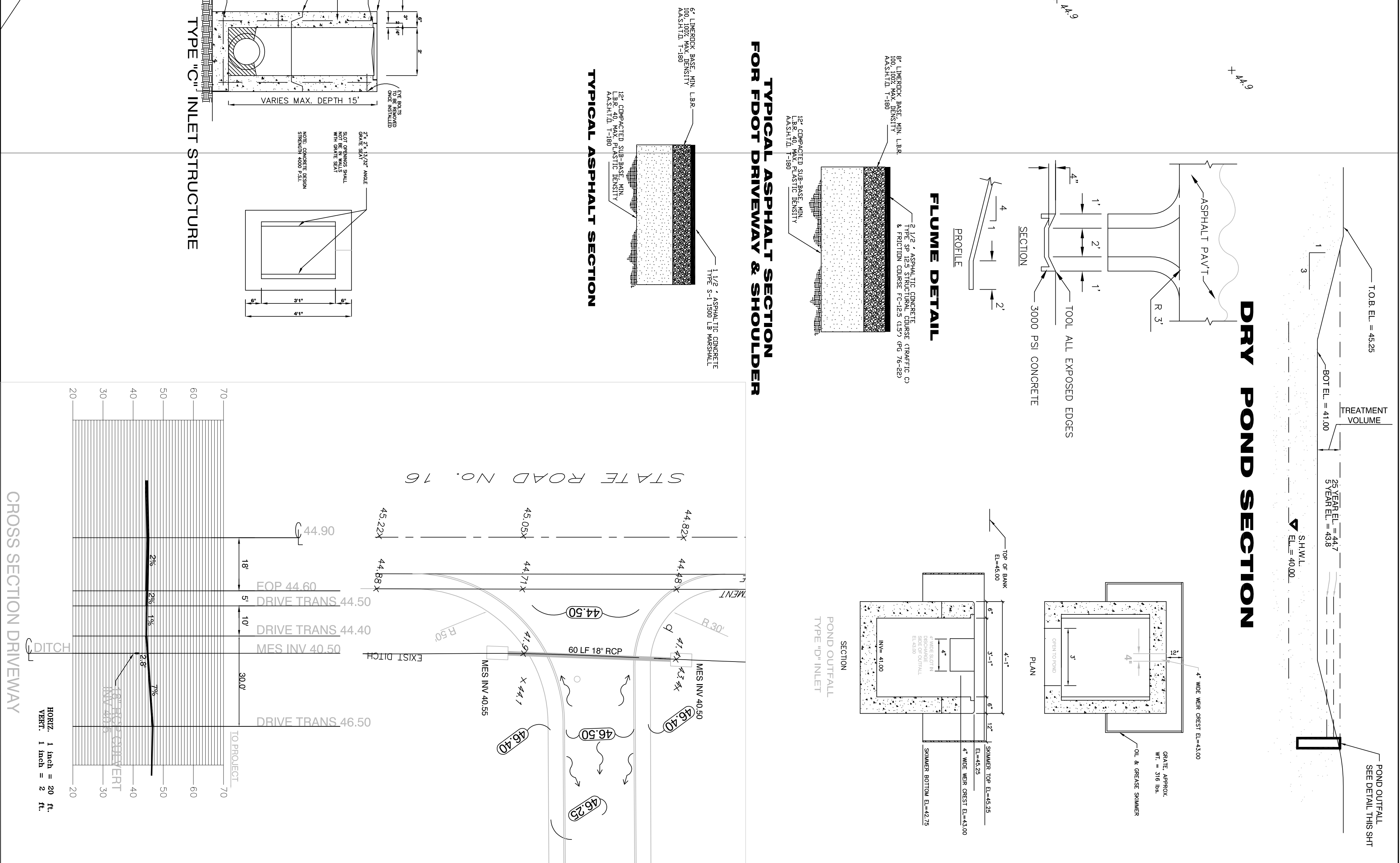
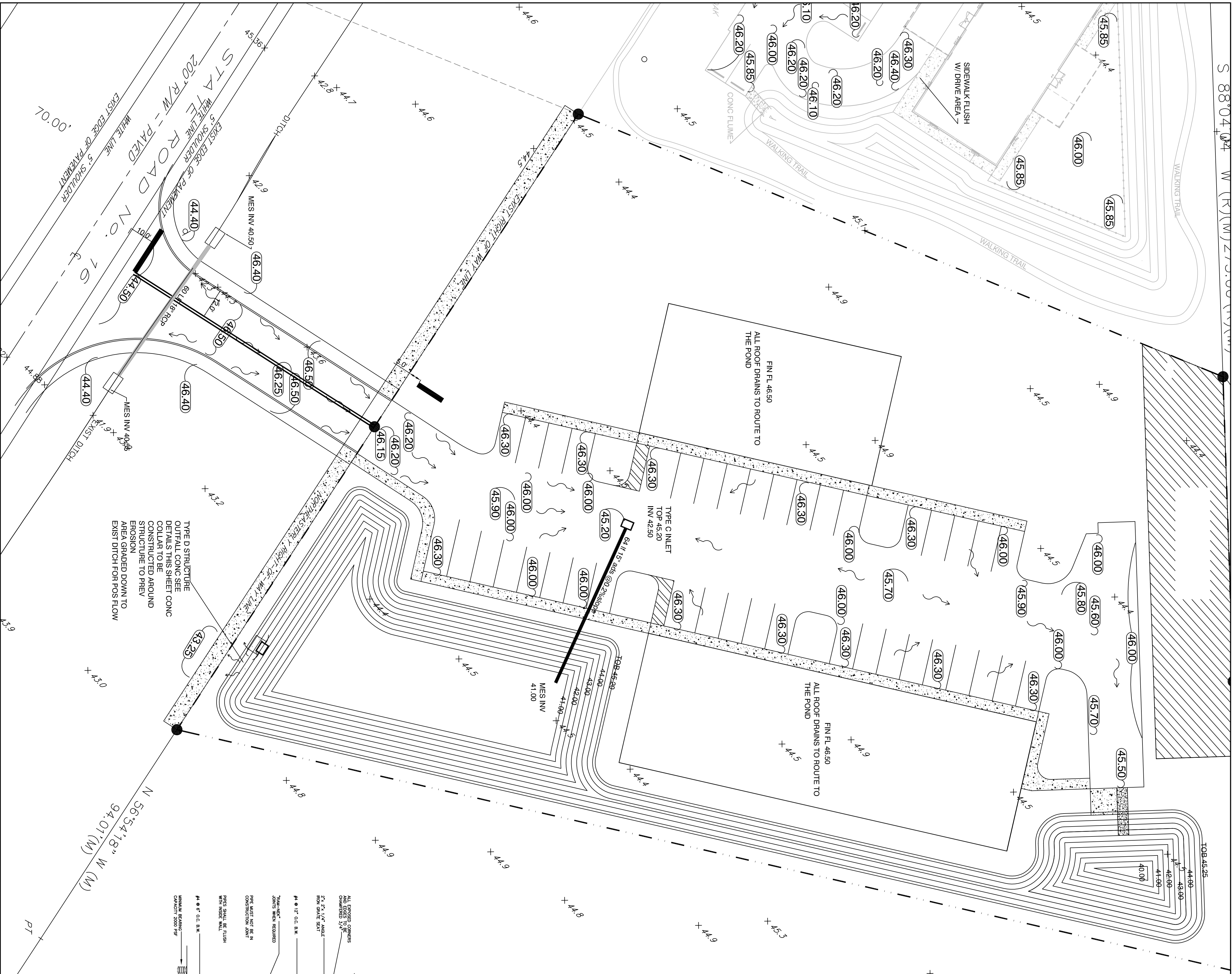
### LEGAL DESCRIPTION

GOVERNMENT LOT 4, SECTION 6, TOWNSHIP 7 SOUTH, RANGE 29 EAST, THENCE SOUTH 33 DEGREES 05 MINUTES WEST, ALONG THE LINE OF PROPERTY OF BARA, 22.75 FEET TO THE CENTER LINE OF STATE HIGHWAY 1, THENCE SOUTH 33 DEGREES 05 MINUTES EAST, ON SAID CENTER LINE, 300 FEET, THENCE NORTH 22 DEGREES 10 MINUTES 15 SECONDS EAST 132.39 FEET TO THE POINT OF BEGINNING AT THE SOUTHWEST CORNER OF THE HERIN DESCRIBED TRACT, THENCE NORTH 22 DEGREES 10 MINUTES 15 SECONDS EAST 101.15 FEET TO A POINT ON THE NORTH LINE OF SAID SECTION 6, A DISTANCE OF 275 FEET EASTEPLY, FROM THE NORTHEAST CORNER OF SAID GOVERNMENT LOT 4, THENCE NORTH 86 DEGREES 55 MINUTES 14 SECONDS EAST, 110 FEET, THENCE SOUTH 81 DEGREES 15 MINUTES WEST, THENCE SOUTH 81 DEGREES 15 MINUTES WEST 334.31 FEET, THENCE NORTH 86 DEGREES 55 MINUTES WEST, ON THE NORTHERN<sup>1</sup> RIGHT OF WAY LINE OF STATE ROAD NO. 16, SAID RIGHT OF WAY LINE, 100 FEET, THENCE PERPENDICULARLY, FROM THE CENTERLINE OF SAID STATE ROAD, 140.03 FEET TO THE POINT OF BEGINNING, AREA 2.

THE COMMENCING AT THE NORTHEAST CORNER OF THE  
GOVERNMENT LOT 4, SECTION 6, TOWNSHIP 7 SOUTH,  
RANGE 22 EAST, ALONG THE LINE OF PROPERTY OF  
BARBARA J. 22.75 FEET TO THE CENTER LINE OF STATE  
ROAD NO. 16, THENCE SOUTH 96 DEGREES 55 MINUTES  
EAST, ON SAID CENTER LINE 666 FEET, THENCE NORTH  
16 DEGREES 13 MINUTES 04 SECONDS EAST 135.84  
FEET TO THE POINT OF BEGINNING, THENCE  
SOUTHWEST 31 MINUTES 07 SECONDS EAST 113  
FEET TO A POINT ON THE NORTH LINE OF SAID SECTION 6, A  
DISTANCE OF 380.92 FEET, EAST 174.74 FEET  
TO THE CENTER LINE OF THE HEREIN DESCRIBED  
PARCEL OF LAND, THENCE CONTINUING NORTH 15  
DEGREES 13 MINUTES 04 SECONDS EAST 94.81 FEET  
TO THE POINT OF BEGINNING, THENCE SOUTH 12  
DEGREES 11' 41" FEET, THENCE SOUTH 12 DEGREES 53 MINUTES  
WEST 112.43 FEET, THENCE NORTH 96 DEGREES 55  
MINUTES WEST 100 FEET TO THE CENTER LINE OF  
STATE ROAD NO. 16, THENCE NORTH 16 DEGREES 13  
MINUTES 04 SECONDS EAST 135.84 FEET TO THE  
CENTER LINE OF SAID SECTION 6, A DISTANCE OF  
380.92 FEET, THENCE SOUTH 12 DEGREES 53  
MINUTES WEST 112.43 FEET, THENCE SOUTH 12  
DEGREES 11' 41" FEET, THENCE SOUTH 12 DEGREES  
53 MINUTES WEST 100 FEET TO THE CENTER LINE OF  
STATE ROAD NO. 16, AS MEASURED PERPENDICULARLY,  
FROM THE CENTER LINE OF SAID STATE ROAD, 135.58  
FEET TO THE POINT OF BEGINNING.













| RESISTANT JOINT TABLE |    | MINIMUM LENGTH TO BE RESISTANED ON EACH SIDE OF FITTINGS (FEET) |    | VERTICAL BRANDS |       |
|-----------------------|----|---|----|-----------------|-------|
| NOM. PIPE SIZE (IN.)  |    | ELBOWS (DEG.)   |    | PLUG            | VALVE |
| 1/2                   | 25 | 22.5  | 45 | 30              | 7     |
| 3/4                   | 25 | 22.5  | 45 | 30              | 7     |
| 1                     | 25 | 22.5  | 45 | 30              | 7     |
| 1 1/4                 | 25 | 22.5  | 45 | 30              | 7     |
| 1 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 2                     | 25 | 22.5  | 45 | 30              | 7     |
| 2 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 3                     | 25 | 22.5  | 45 | 30              | 7     |
| 3 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 4                     | 25 | 22.5  | 45 | 30              | 7     |
| 4 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 5                     | 25 | 22.5  | 45 | 30              | 7     |
| 5 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 6                     | 25 | 22.5  | 45 | 30              | 7     |
| 6 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 7                     | 25 | 22.5  | 45 | 30              | 7     |
| 7 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 8                     | 25 | 22.5  | 45 | 30              | 7     |
| 8 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 9                     | 25 | 22.5  | 45 | 30              | 7     |
| 9 1/2                 | 25 | 22.5  | 45 | 30              | 7     |
| 10                    | 25 | 22.5  | 45 | 30              | 7     |
| 10 1/2                | 25 | 22.5  | 45 | 30              | 7     |
| 11                    | 25 | 22.5  | 45 | 30              | 7     |
| 11 1/2                | 25 | 22.5  | 45 | 30              | 7     |
| 12                    | 25 | 22.5  | 45 | 30              | 7     |



**GENERAL:**

1. WHERE THESE NOTES CONFLICT WITH THE SPECIFICATIONS IN PART III OF THE MANUAL, PART III GOVERNS.
2. TWO (2) COPIES OF THE SHOP DRAWINGS FOR MATERIALS NOT IN THE APPROVED MATERIALS MANUAL (STAMPED APPROVED BY THE ENGINEER) SHALL BE SUBMITTED TO THE PROJECT ARCHITECT FOR REVIEW AND APPROVAL. THE PROJECT ARCHITECT'S CONFERENCE WITH THE SHOP DRAWING REVIEW BOARD SHALL BE COMPLETED WITHIN FIFTEEN (15) BUSINESS DAYS SUBSEQUENT SHOP DRAWING REVIEWS WILL BE COMPLETED WITHIN TEN (10) BUSINESS DAYS.
3. A PRE-CONSTRUCTION CONFERENCE IS REQUIRED WITH THE DEVELOPER, THE ENGINEER OF RECORD, THE UTILITY CONTRACTOR, AND THE SLOID PRIOR TO THE START OF ANY CONSTRUCTION. A PRE-CONSTRUCTION CONFERENCE WITH SLOID IS REQUIRED REGARDLESS OF OTHER AGENCIES REQUIREMENTS.
4. CONTRACTOR OBTAINED UNDER THE GOVERNORS OF FLORIDA'S PRE-APPROVED UNDERGROUND UTILITY LICENSE SHALL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE.
5. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE SITE PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL LOCATIONS & ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. THE CONTRACTOR(S) SHALL LOCATE, VERIFY, AND IDENTIFY ALL EXISTING UTILITIES. UTILITIES SHOWN ON THE SLOID SHALL BE SHOWN, EXPOSED, AND MARKED PRIOR TO ANY EXCAVATING ACTIVITIES AND TAKE ALL MEASURES NECESSARY TO PROTECT UTILITIES DURING CONSTRUCTION. THE CONTRACTOR SHOULD ANY UTILITY LINE OR SHAL INFLUENCED BY THE CONSTRUCTION OF THE PROJECT, THE CONTRACTOR OR SHALL IMMEDIATELY NOTIFY THE AFFECTED UTILITY COMPANY, ENGINEER OF RECORD, COUNTY, AND SLOID.
8. THE WATER SEWER, AND/OR REUSE SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SLOID APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS, IF THERE IS ANY DEVIATION FROM THE APPROVED CONSTRUCTION DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEER OF RECORD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVIATION AND RESTORE IT TO THE APPROVED CONSTRUCTION DRAWING CONFIGURATION AT NO EXPENSE TO THE SLOID. ANY DEVIATIONS FROM THE APPROVED DOCUMENTS WILL DELAY THE CDC SUBMITTAL PROCESS.
9. THE CONTRACTOR SHALL FIELD VERIFY THE CONSTRUCTION POINTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD AND SLOID IMMEDIATELY.
10. EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN LOCATED PER AVAILABLE MEANS WITHOUT EXCAVATION.
11. VERTICAL LOCATIONS OF ALL UTILITIES (EXCLUDING EXISTING STORM SEWERS) SHOWN ON PLAN AND PROFILE SHEETS HAVE BEEN REFERENCED TO A BENCH MARK SHOWN ON THE PLANS. EXISTING UTILITIES SHOWN SHALL EXERCISE CAUTION NOTIFY THE ENGINEER IF LOCATION DIFFERS FROM THAT SHOWN ON THE PLANS BEFORE CONTINUING WITH CONSTRUCTION.
12. SLOID CONDITIONS VARY FROM THOSE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SLOID PRIOR TO CONTINUING CONSTRUCTION.
13. THE CONTRACTOR SHALL PROTECT SURVEY MARKERS, MONUMENTS, ETC., DURING CONSTRUCTION. THE CONTRACTOR SHALL RESTORE/REPLACE AT NO ADDITIONAL EXPENSE TO THE OWNER, ANY DAMAGE DONE BY CONSTRUCTION ACTIVITIES.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ANY DAMAGE REPLACED/REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
15. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION AND BUILDING PLACEMENT WITH ALL OTHER UTILITIES CONSTRUCTION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY EXISTING UTILITIES FROM THE PROJECT SITE. EXISTING UTILITIES SHALL BE SUITABLE REPLACEMENT BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
17. UNSUITABLE MATERIALS UNDER WATER, SEWER, AND/OR REUSE MAINS SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL. PROPERLY COMPACTED TO 95% OF MAXIMUM DENSITY. BACKFILL SHALL BE COMPACTED IN A MAXIMUM OF EVERY LIFT (1) LIFTS. DENSITY TESTS SHALL BE TAKEN AFTER COMPLETION OF EVERY LIFT.
18. THE CONTRACTOR(S) SHALL NOTIFY ALL APPLICABLE UTILITIES COMPANIES, THE ENGINEER OF RECORD, AND THE SLOID PRIOR TO ANY CONSTRUCTION THAT MAY INITIATE ANY EXCAVATION ACTIVITIES OR AS SPECIFIED BY THE UTILITY COMPANIES AND THE PERMITS OBTAINED FOR THE WORK.
19. THE ENGINEER OF RECORD AND SLOID SHALL BE GIVEN FIVE (5) BUSINESS DAYS NOTICE OF ALL REQUESTED MEETINGS AND/OR TESTING MEASURES RELATED TO THE PROJECT.
20. ALL WORK, MATERIALS, AND EQUIPMENT SHALL BE IN COMPLETE ACCORDANCE WITH ALL RELEVANT ST. JOHNS COUNTY STANDARDS AND REQUIREMENTS AS WELL AS STATE AND LOCAL REGULATIONS.
21. ALL UNDERGROUND UTILITY EQUIPMENT, MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF THE MANUAL OF WATER, WASTEWATER, AND REUSE DESIGN STANDARDS & SPECIFICATIONS, ALL MATERIALS, FEDERAL, STATE AND LOCAL REGULATIONS, AND THE APPROVED SITE PLANS.
22. ALL UTILITY CROSSINGS SHALL COMPLY WITH FDEP REGULATIONS (CH. 62-555.314 F.A.C.)
23. ANY LANDSCAPING TREES SHALL BE PLACED A MINIMUM OF 7.5 FEET AWAY FROM THE EDGE OF THE PIPELINE TO THE TREE CENTERLINE.
24. ALL ROCK AND UNSUITABLY SIZED STONES AS DESCRIBED IN APPLICABLE AWWA AND ST. JOHNS COUNTY UTILITIES STANDARDS AND/OR PIPE MANUFACTURERS' RECOMMENDATIONS SHALL BE PLACED IN THE EXCAVATION. EXISTING BACKFILL AND RELOCATED PIPE SHALL BE REMOVED TO A DEPTH OF AT LEAST SIX (6) INCHES BELOW THE BOTTOM OF THE PIPE. CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED. FOR NEW AND RELOCATED PIPES THE BACKFILL MATERIAL SHALL BE PLACED IN THE EXCAVATION TO THE TOP OF THE PIPE. THE BACKFILL SHALL BE SUFFICIENT HEIGHT ABOVE SUCH PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE.

# ST. JOHNS COUNTY UTILITY DEPARTMENT (SUCUD) GENERAL NOTES

24. FOR WATER WASTEWATER, AND RECLAIMED WAYS SMALLER THAN 18" INCHES, THE MINIMUM AND MAXIMUM COVER SHALL BE 30 INCHES AND 28 INCHES, RESPECTIVELY. IN PAVED AREAS, OR AS REQUIRED WITHIN FOOT OR RAILROAD RIGHTS-OF-WAY, FOR MAINS 12 INCHES OR GREATER, THE MINIMUM AND MAXIMUM COVER SHALL BE 36 INCHES AND 34 INCHES, RESPECTIVELY. EXCEPTIONS WILL BE MADE FOR CONDUITS.
  25. WHERE FOREMANS, DETENTION, OR RECLAIMED WATERMANS ARE LAID WITHOUT BY THE MANUFACTURER.
  26. FITTINGS SHALL BE USED AT LOCATIONS INDICATED ON THE PLANS, UNLESS OTHERWISE SPECIFIED. FITTINGS SHALL BE USED IN THE MANNER RESTRAINED PER THE RESTRAINED JOINT TABLE IN THE APPROVED PLAN SET.
  27. ALL UNDERGROUND VALVES SHALL BE INSTALLED WITH AN ADJUSTABLE CAST IRON WATER BOX WITH TOP SET TO FINAL GRADE IN ACCORDANCE WITH SLOD DETAILS AND SPECIFICATIONS. ALL VALVES SHALL HAVE LOCATE MARKERS.
  28. CONTRACTOR IS RESPONSIBLE FOR PROPER NOTIFICATION OF INSPECTING AUTHORITIES BEFORE AND DURING CONSTRUCTION.
  29. CONTRACTOR SHALL PROVIDE A MINIMUM OF SEVEN (7) BUSINESS DAYS NOTICE TO SLOD PRIOR TO SCHEDULING THE FINAL INSPECTION.
- NOTICE OF PROCEDURE:**
1. ALL COMMERCIAL BUILDING PERMITS AND METERS PROCESSED THROUGH SLOD CUSTOMER SERVICE SHALL BE ACCOMPANIED BY A SET OF APPROVED CIVIL DESIGN PLANS.
  2. ALL CONNECTIONS TO THE WATER, SEWER AND/OR REUSE SYSTEM, FLUSHING, AND PRESSURE TESTS TO BE PERFORMED BY THE UTILITY CONTRACTOR OR AN INDIVIDUAL EMPLOYED BY THE UTILITY CONTRACTOR. THE UTILITY CONTRACTOR OR INDIVIDUAL EMPLOYED BY THE UTILITY CONTRACTOR MUST BE PRESENT PRIOR TO THE CONNECTION BEING MADE OR TESTING.
  3. IT IS THE ENGINEER OF RECORD'S RESPONSIBILITY TO SECURE APPLICABLE PERMITS PRIOR TO CONSTRUCTION.
  4. THE PROPERTY OWNER SHALL PURCHASE THE WATER METER THROUGH THE SLOD OR PROJECTS THAT REQUIRE A WATER METER LARGER THAN ONE (1) INCH. THE UTILITY CONTRACTOR SHALL INSTALL ALL METERS THREE (3) INCHES AND LARGER.
  5. WATER, SEWER, AND/OR REUSE UNIT CONNECTION FEES SHALL BE PAID IN FULL AT THE TIME OF BUILDING PERMIT APPLICATION.
  6. ALL ON-SITE PRIVATE WATER, SEWER, AND/OR REUSE CONSTRUCTION BETWEEN THE WATER AND BUILDING MAY BE INSPECTED BY THE SLOD TO ENSURE STANDARDS ARE MET.
  7. ALL REQUIREMENTS BY THE SLOD (I.E. FINAL INSPECTION, CORRECTION OF PUNCH LIST ITEMS, AS BUILTS, TIEP CERTIFICATION OF COMPLETION, ETC) MUST BE SATISFIED PRIOR OF ISSUANCE OF CERTIFICATES OF OCCUPANCY.
- PRESSURE PIPE NOTES:**
1. POTABLE AND RECLAIMED WATERMANS AND FORECUMINGS 4" THROUGH 12" DIAMETER SHALL BE DR18, C900 PVC, WITH PUSH-ON, GASKETED, AND RESTRAINED JOINTS. C906 HOPE OR DR18, C900 FUSIBLE PIPE (FVCO), POTABLE AND RECLAIMED WATERMANS, RESTRAINED JOINTS, FUSIBLE PVC SHALL NOT BE USED FOR HOV.
  2. POTABLE AND RECLAIMED WATERMANS AND FORECUMINGS 16" THROUGH 36" DIAMETER SHALL BE DR26, C905 PVC WITH PUSH-ON, GASKETED, AND RESTRAINED JOINTS OR DR11, C906 HOPE OR DR26, C905 PVC, POTABLE AND RECLAIMED WATERMANS, RESTRAINED JOINTS, FUSIBLE PVC SHALL NOT BE USED FOR HOV.
  3. POTABLE AND RECLAIMED WATERMANS LARGER THAN 36" DIAMETER SHALL BE DIP CLASS 250.
  4. HOD UP TO 36" DIAMETER AND LESS THAN 300 FEET SHALL BE DR11, C906 HOPE. HOD UP TO 24" DIAMETER AND LONGER THAN 300 FEET SHALL BE DR9, C906 HOPE.
  5. 2" POTABLE AND RECLAIMED WATERMANS AND FORECUMINGS SHALL BE DR9, HOPE (CTS).
  6. PIPE SHALL BE APPROPRIATELY COLOR CODED: BLUE-POTABLE WATER, GREEN-SEWER, AND PURPLE-RECLAIMED WATER.
- POTABLE WATER SYSTEMS NOTES:**
1. ALL CURB STOPS ARE TO BE BALL-TYPE WITH LOCKING CAPACITY, 1" MINIMUM.
  2. A FULL UNCLIP LENGTH OF WATERMAIN PIPE (USUALLY 20 FEET) SHALL BE CENTERED AT THE POINT OF CROSSING OF ALL WATER AND SEWER (INCLUDING STORM) LINES AT THE POINT OF CROSSINGS REGARDLESS OF THE VERTICAL SEPARATIONS.
  3. WHERE SOLVENT CONTAMINATION IS FOUND IN THE TRENCH, WORK WILL BE STOPPED AND THE PROPER AUTHORITIES NOTIFIED, WITH THE APPROVAL OF THE ST. JOHNS COUNTY HEALTH DEPARTMENT, DUCTILE IRON PIPE, FITTINGS AND APPROVED SOLVENT RESISTANT GASKET MATERIAL SHALL BE USED IN THE CONTAMINATED AREA, THE DUCTILE IRON PIPE WILL EXTEND AT LEAST 100 FEET BEYOND ANY DISCOVERED CONTAMINATION.
  4. NO CONNECTION TO EXISTING POTABLE WATER SYSTEM SHALL BE ALLOWED UNTIL ALL PROPOSED WATER LINES HAVE BEEN PRESSURE TESTED, DISCONNECTED, CLEARED FOR SERVICE BY FDP AND ACCEPTED FOR MAINTENANCE BY THE SLOD.
  5. JUMPER CONNECTIONS WITH BACKFLOW PREVENTION DEVICE SHALL BE USED TO FILL OR FLUSH WATERMANS
  6. ALL NEW AND RELOCATED WATERMAIN PIPE, FITTINGS, VALVES, AND FIRE HYDRANTS SHALL BE CONFORMANT WITH THE AMERICAN WATER WORKS ASSOCIATION (AWWA) AND SLOD STANDARDS.
  7. ALL NEW AND RELOCATED WATERMAIN PIPE AND FITTINGS WILL COMPLY WITH THE LATEST FDP AND AWWA STANDARDS FOR LEAD CONTENT.

**NOTICE OF PROCEDURE:**

1. ALL GEOMETRICAL BUILDING PERMITS AND METERS, PROCESSED THROUGH SDCSD CIVIL ENGINEERING, SHALL BE ACCOMPANIED BY A SET OF APPROVED CIVIL DESIGN PLANS.
2. ALL CONNECTIONS TO THE WASTE SEWER AND/OR RELIEF SYSTEM FLUSHING, AND PRESSURE TESTS TO BE PERFORMED BY THE UTILITY CONTRACTOR OR LICENSED MASTER PLUMBER MUST BE SCHEDULED AT LEAST 15 (FIFTEEN) WORKING DAYS PRIOR TO THE CONNECTION BEING MADE OF TESTING.
3. IT IS THE ENGINEER'S OR RECORDER'S RESPONSIBILITY TO SECURE APPLICABLE PERMITS PRIOR TO CONSTRUCTION.

**PRESSURE PIPE NOTES:**

1. POTABLE AND RECLAIMED WATERMANS AND FORECAMS: 4" THROUGH 12" DIAMETER SHALL BE DIPS OR C900 PVC WITH PUSH-ON, GASKETED, AND RESTRAINED JOINTS. JOINTS SHALL NOT BE USED FOR HSD.
2. POTABLE AND RECLAIMED WATERMANS AND FORECAMS: 16" THROUGH 36" DIAMETER SHALL BE DIPS, C900 PVC WITH PUSH-ON, GASKETED, AND RESTRAINED JOINTS OR 16" THROUGH 36" DIAMETER SHALL BE DIP CLASS 250 WITH PUSH-ON, GASKETED, AND RESTRAINED JOINTS. DIAPHRAGM PVC SHALL NOT BE USED FOR HSD.

## POTABLE WATER SYSTEMS NOTES:

1. ALL CURB STOPS ARE TO BE BALL-TYPE WITH LOCKING CAPACITY,

PROPOSED STORM SEWER, STORM WATER FORCEN  
RECLAIMED WATER REGILLATED UNDER PART OF C

1. ALL CURB STOPS ARE TO BE BALL-TYPE WITH LOCKING CAPACITY, 1" MINIMUM.
2. A FULL, UNCLUT LENGTH OF WATERMAIN PIPE (USUALLY 20 FEET) SHALL BE CHAINED TO THE END OF THE TRENCHING AND STAYING (INCLUDING STORM) LINES AT THE POINT OF CROSSINGS REGARDLESS OF THE VERTICAL SEPARATIONS.
3. WHERE SOLVENT CONTAMINATION IS FOUND IN THE TRENCH, WORK WILL BE STOPPED AND THE PROPER ALTERNATIVES NOTIFIED. WITH THE APPROVAL OF THE AGENCY, THE TRENCH MAY BE FLOODED WITH AN APPROVED SOLVENT RESISTANT CASSETT MATERIAL WHICH CAN BE USED IN THE CONTAMINATED AREA. THE DUCTILE IRON PIPE WILL EXTEND AT LEAST 100 FEET BEYOND ANY DISCOVERED CONTAMINATION.

**WASTEWATER SYSTEM NOTES:**

1. AN APPROVED INTERIOR LINER IS REQUIRED ON RECEIVING MANHOLES, PUMP STATION WETWELLS AND MANHOLES WITH THREE OR MORE INVERTS.
2. SANITARY SEWER LINES SHALL BE GREEN, SDR26 PIPE, AND CLEARLY MARKED ON THE PIPE.

## AS-BUILTS:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRODUCE, SUBMIT AND OBTAIN APPROVAL OF REPRODUCIBLE "AS-BUILT" DRAWINGS FROM JURISDICTIONAL AGENCIES AS MAY BE REQUIRED.
2. "AS-BUILT" INFORMATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A SURVEOR REGISTERED IN THE STATE OF FLORIDA TO DETERMINE ALL "AS-BUILT" INFORMATION. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROVIDE UP TO SIX COPIES OF THE CAD FILE OF "AS-BUILT" DRAWINGS TO THE ENGINEER.

PLACE THE CONSTRUCTION INTO SERVICE WILL CLEARANCES BETWEEN WATER SEWER (INCLUDING

- ALL CROSSING AND PARALLEL RUNS WHERE THE HORIZONTAL SEPARATION IS LESS THAN 10 FEET. IN ADDITION, THE CENTERING OF UNCUT LENGTHS OF PIPE (USUALLY 20 FEET) AT POINTS OF CROSSINGS WILL BE DOCUMENTED ON THE DRAWINGS AND ALL MITIGATING CONSTRUCTION MEASURES CLEARLY DEPICTED IN CASES WHERE A MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE BETWEEN THE WATER AND SEWER (INCLUDING STORM) LINES IS NOT POSSIBLE.

## WATER SEPARATION STATEMENT

## WATER SEPARATION STATEMENT

## THICK FOR EITHER THE WATERMAIN OR THE DITCH.

THICK FOR EITHER THE WATERMAIN OR THE DITCH.


## HYDROSTATIC TESTING NOTES.

1. AFTER ALL PRESSURE PIPES ARE INSTALLED, THE JOINTS COMPLETED, AND THE FRENCH DRAINAGE SYSTEMS ARE INSTALLED, THE NEAR LAYER AND INTERMEDIATE LAYERS BE SUBJECT TO A PROPOSED HYDRAULIC LEAKAGE TEST. THE LEAKAGE TEST SHALL BE PERFORMED ON THE NEAR LAYER AND THE SLOUD MUST BE NOTIFIED AT LEAST 72 HOURS BEFORE A TEST IS TO BE PERFORMED. THE LEAKAGE TEST SHALL BE SET FORTH IN AWWA STANDARD 6005. ANY LAMS BEING USED IN THE LEAKAGE TEST SHALL BE SET FORTH IN AWWA STANDARD 6005. THE FOUR TEST PERIOD SHALL BEGINS WHEN ALL JOINTS HAVE BEEN DETERMINED TO BE WATER TIGHT. LEAKAGE SHALL BE LIMITED TO THAT ALLOWANCE SET FORTH IN SECTION 01500. THE MAXIMUM ALLOWABLE PRESSURE LOSS OCCUR DURING SAMPLING FOR BACTERIOLOGICAL TEST. THE MAXIMUM ALLOWABLE PRESSURE LOSS IS 5 PSI.

## GENERAL NOTES

| NO. BY   |  | DATE | SYMBOL | REVISIONS  |  | DESIGNER    | DESIGN ENGINEER |
|----------|--|------|--------|------------|--|-------------|-----------------|
| 6        |  |      |        |            |  | DRAWN BY:   |                 |
| 5        |  |      |        |            |  | DATE:       |                 |
| 4        |  |      |        |            |  | CHECKED BY: |                 |
| 3        |  |      |        |            |  | DATE:       |                 |
| 2        |  |      |        |            |  |             |                 |
| 1        |  |      |        |            |  |             |                 |
| S.C.C.D. |  | 2020 |        | REVISED: 1 |  |             |                 |

FLORIDA REGISTRATION NO.



**ST. JOHNS COUNTY**  
**UTILITY DEPARTMENT**

1290 STATE ROAD 16  
ST. AUGUSTINE, FLORIDA 32084-8466  
Phone: (904) 285-2700 • Fax: (904) 285-2702

## GENERAL NOTES

| NO. SHEETS               |
|--------------------------|
| SHEET NO.<br>GN-1        |
| DRAWING NO.<br>GN-01.dwg |

| Date | Revisions |
|------|-----------|
|      |           |

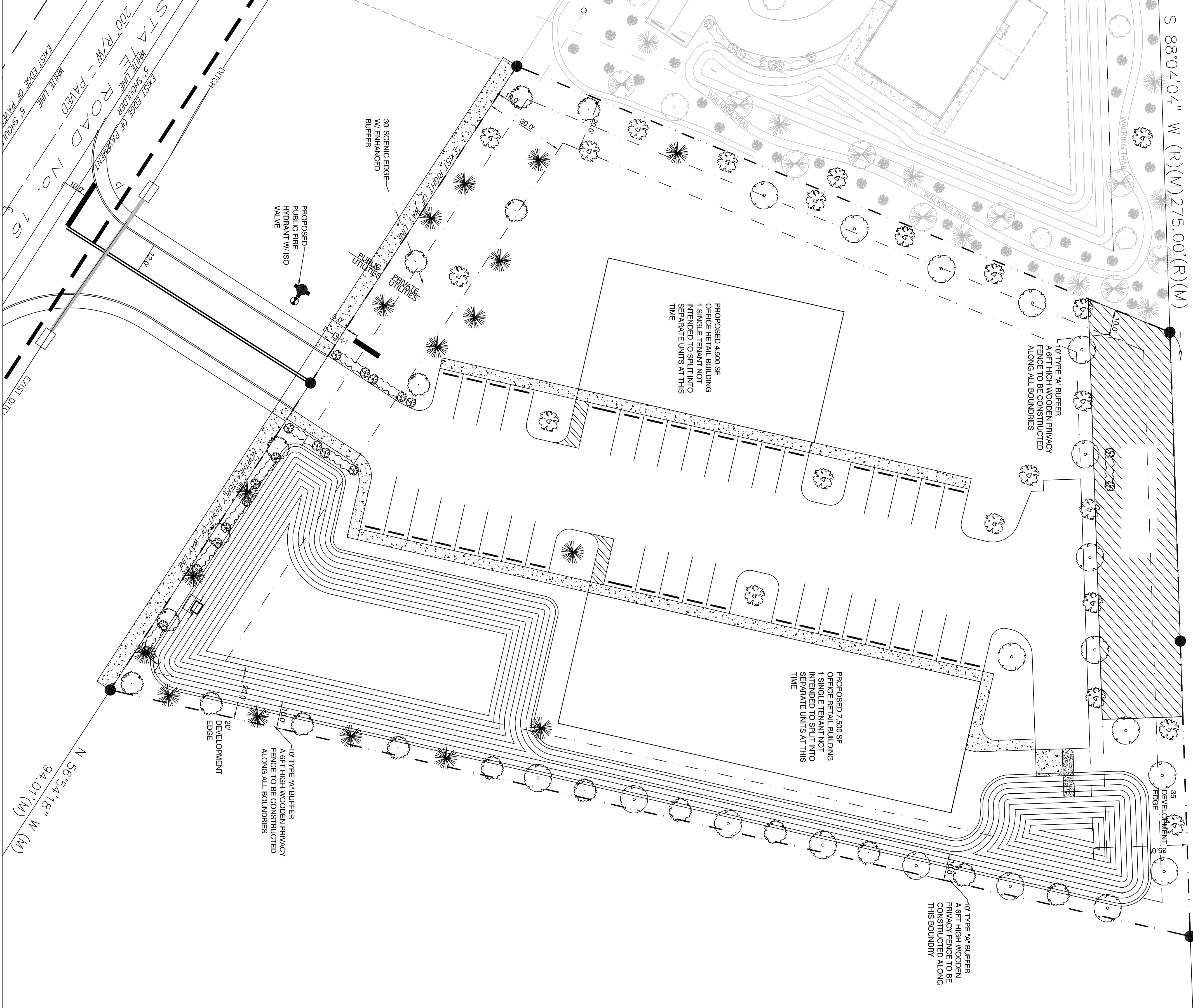


**65 LEWIS BLVD  
ST. AUGUSTINE, FLORIDA 32084  
904-814-7633  
C.A. #30799**






# VELES LOGISTICS BUSINESS PARK

## UTILITIES NOTES / DETAILS

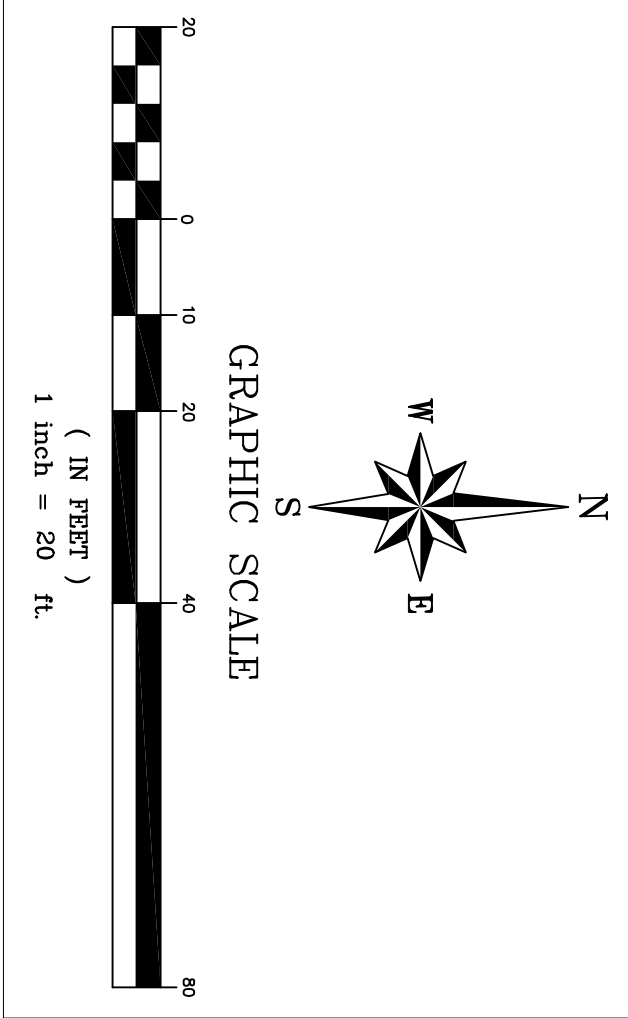




- PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR GRADE #1 OR BETTER AS GIVEN IN THE LATEST GRADES AND STANDARDS FOR NURSERY PLANTS, PART 1 AND PART 2, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES OR TO THE STANDARDS AS GIVEN IN THE LATEST "AMERICAN STANDARD FOR NURSERY STOCK," AMERICAN NATIONAL STANDARDS INSTITUTE, LDC SEC. 6-6.02 D1
- NOTES:
1. ALL REQUIRED CONTINUOUS SHRUB LINES WILL BE PLANTED AT THE REQUIRED MINIMUM HEIGHT, WHICH IS 24 INCH WHEN PLANTED WITH MAX. 3 SPACING AND NOT BY CONTAINER SIDE.
  2. 100% OF THE NEW LANDSCAPING WILL BE IRRIGATED BY PRIVATE WELL.
  3. 4" OF PINE BARK OR PINE STRAW MULCH MIN. 5 FT DIAM, NO CLOSER THAN 6" TO TRUNK WILL BE PROVIDED AROUND ALL NEW PLANTED MATERIALS
  4. VEGETATION THAT EXCEEDS 25 FT IN HEIGHT AT MATURITY SHOULD NOT BE PLANTED ANY CLOSER THAN 10 FT OF THE VERTICAL PLANE OF AN EXISTING POWER LINE, EXCLUDING SERVICE WIRES.
  5. BALLED AND BURLAPPED STRAPPING WIRE, AND ANY SYNTHETIC MATERIAL SHALL BE REMOVED PRIOR TO FINAL INSPECTION. WIRE BASKETS SHOULD BE CUT AWAY FROM TOP ONE THIRD OF ROOT BALL.
  6. NON CANOPY TREES SHALL NOT BE PLANTED CLOSER THAN 10 FT FROM OTHER TREES AND CANOPY TREES NO CLOSER THAN 20-30 FT DEPENDING ON SPECIES.
  7. SOIL IN TREE ISLANDS SHALL HAVE AT LEAST 12" OF SUITABLE DEBRIS OR UNSUITABLE MATERIALS.
  8. TREE PLANTINGS SHALL NOT BE PLANTED CLOSER THAN 7.5 FT FROM THE CENTERLINE OF UNDERGROUND UTILITIES
  9. ALL IRRIGATION SYSTEMS ARE TO BE ALL LOW VOLUME WATER EFFICIENT IRRIGATION FOR WATER CONSERVATION. LOW VOLUME IRRIGATION NOT TO EXCEED 30 GALLONS PER HOUR. EXAMPLES OF LOW VOLUME IRRIGATION INCLUDE DRIP, SOAKER BUBBLER, TRICKLE OR MICRO SYSTEMS.
  10. THE TREES TO BE PLANTED WILL BE ON A BUBBLER SYSTEM AND THE SHRUBS PLANTED WILL BE DRIP SYSTEM
  11. SOD WILL BE BAHIA AND WILL ONLY REQUIRE INITIAL IRRIGATION TO ESTABLISH
  12. TREES SHALL HAVE MINIMUM HEIGHT OF (8) EIGHT TO (10) TEN FEET SHAD (2) TWO INCHES OF CALIPER.
  13. HEIGHT OF FENCING TO BE MEASURED FROM THE FINISHED GRADE AT THE MINIMUM REQUIRED SETBACK OR BUFFER LINE OF THE PROPERTY REQUIRING THE FENCE

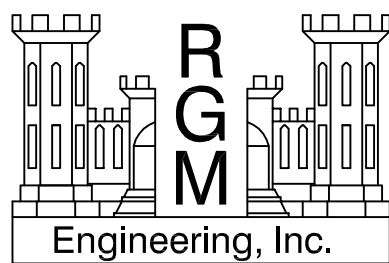
|   |   |                           |
|---|---|---------------------------|
|  | DWARF WAX MYRTLES<br><i>Myrica cerifera var. pumila</i> |                           |
|  | LIVE OAKS   | 20 EA @ 2" = 2 X 20 = 40" |
|  | RED CEDAR   | 20 EA @ 2" = 2 X 20 = 36" |
|  | RED BUD   | 19 EA @ 2" = 2 X 19 = 38" |
|  | PALATKA HOLLIES   | 17 EA @ 2" = 2 X 17 = 34" |
| TOTAL INCHES =  |   | 148"                      |

PROJECT SITE CONTAINS 1.85 ACRES  
80 INCHES TIMES 1.85 = 148 REQUIRED INCHES  
THERE ARE NO PROTECTED TREES BEING REMOVED ALL PINES



| Date | Revisions |
|------|-----------|
|      |           |

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## VELES LOGISTICS BUSINESS PARK

## LANDSCAPE PLAN

ROBERT G. MORGEN JR. , P.E.  
#58118

10-6-22

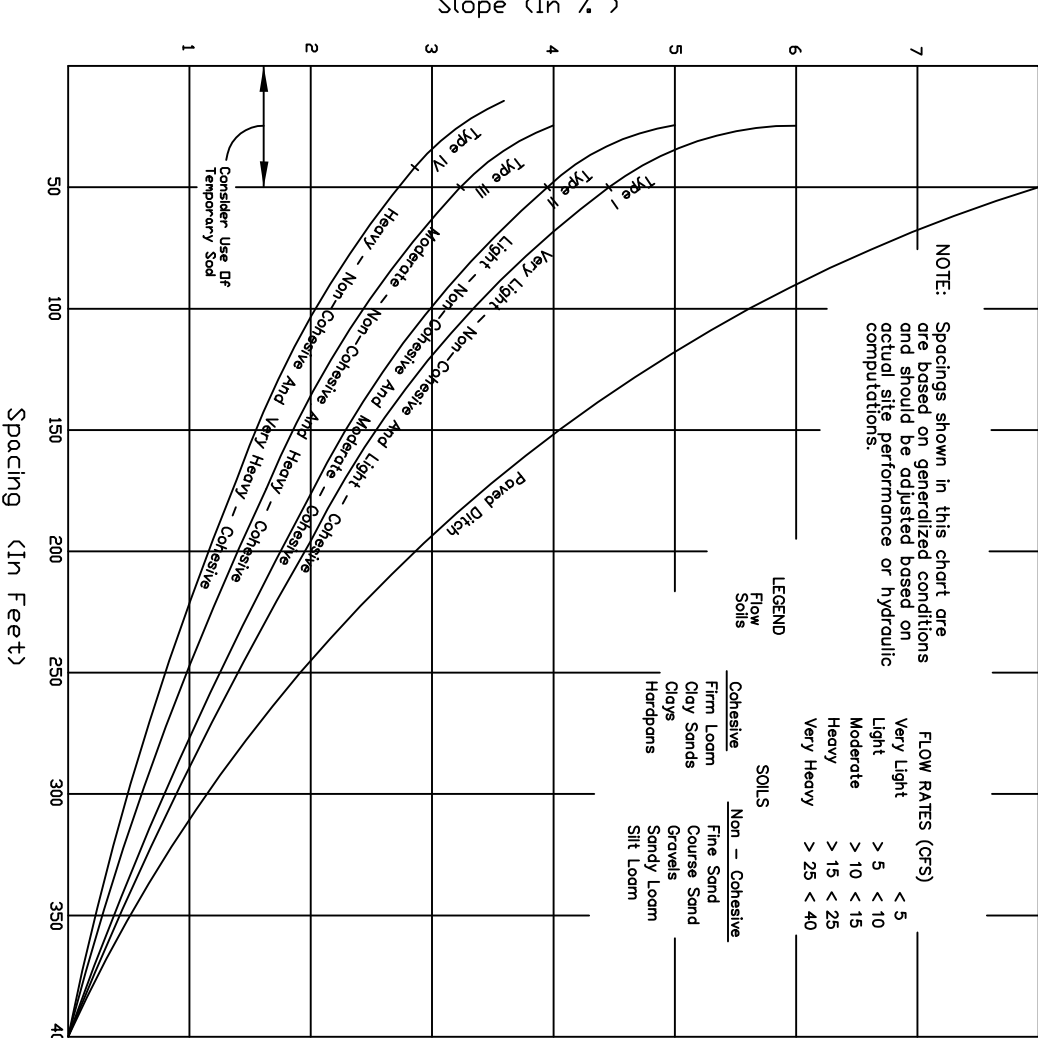
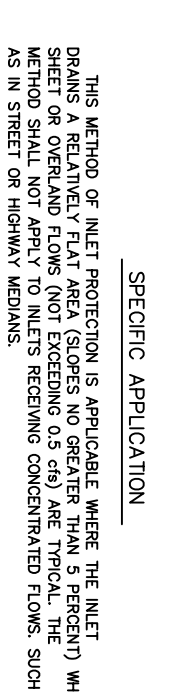
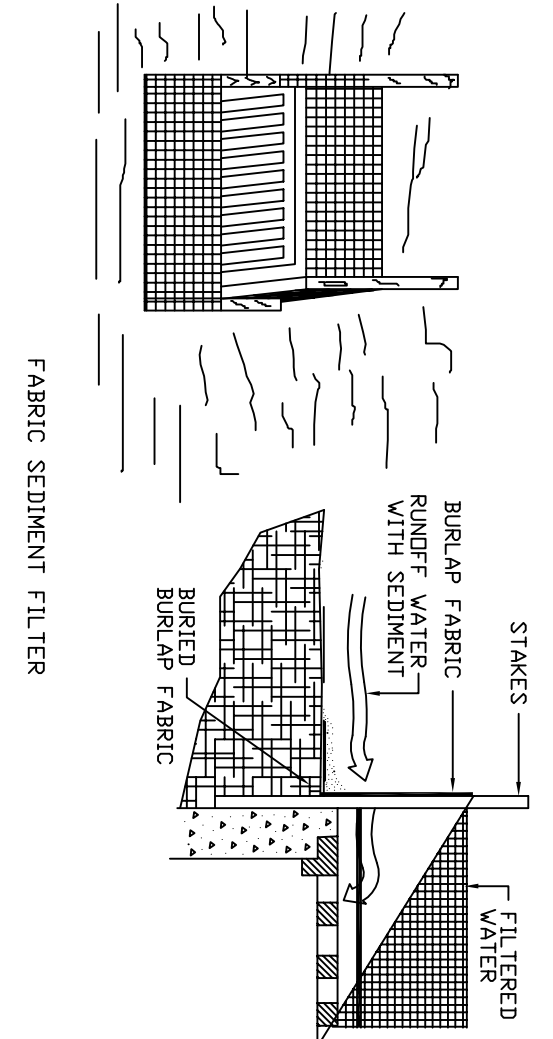
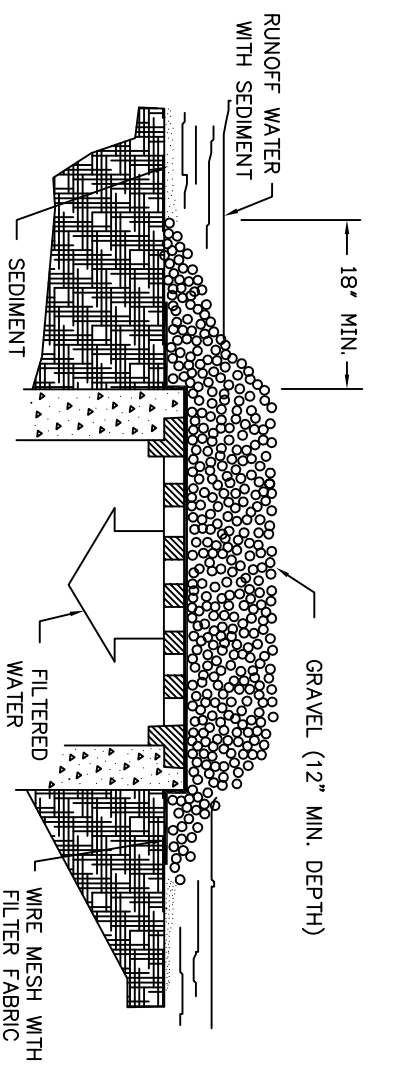
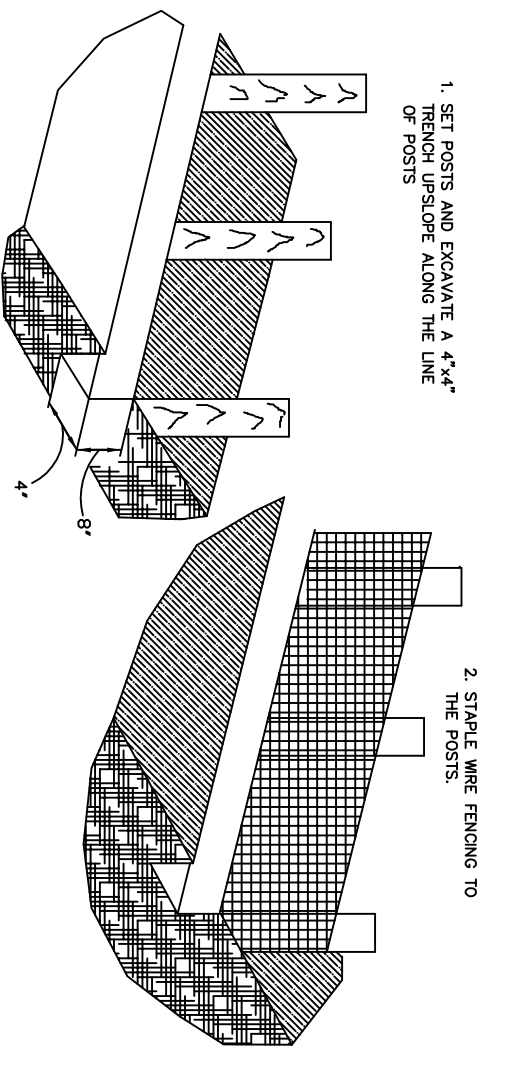
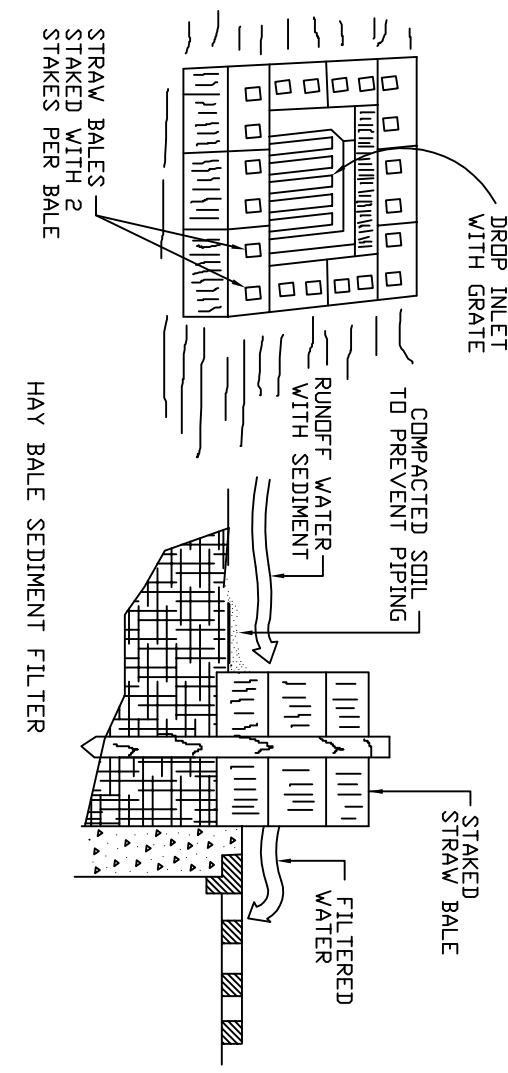
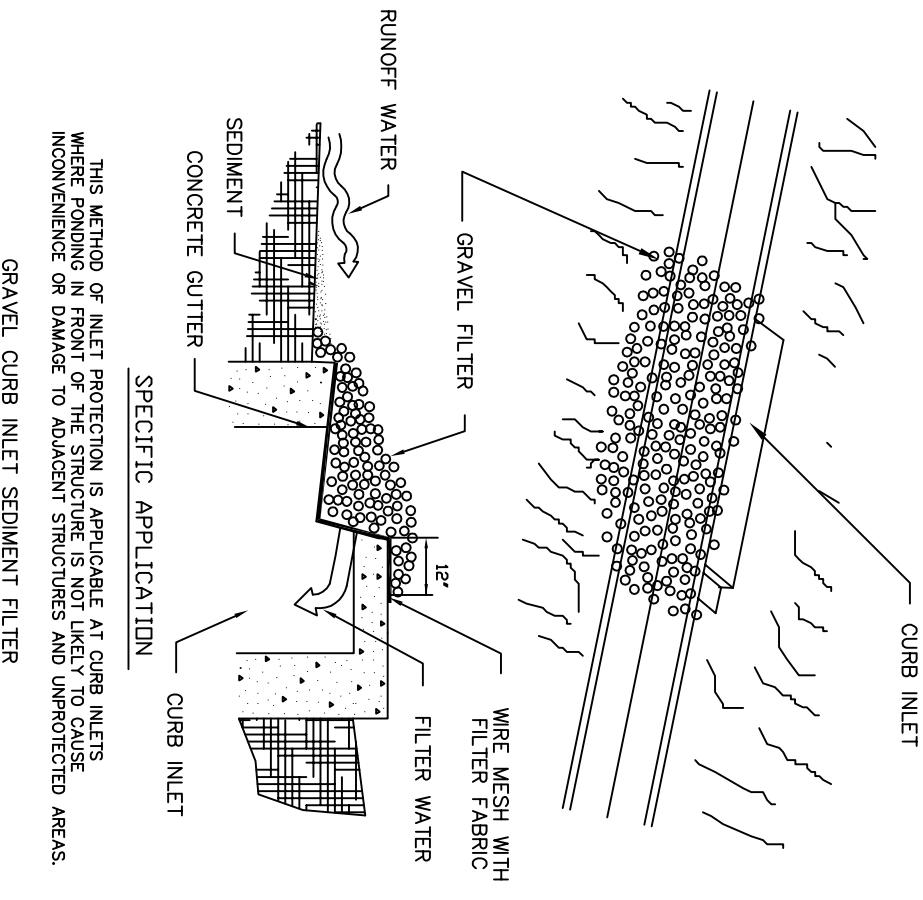
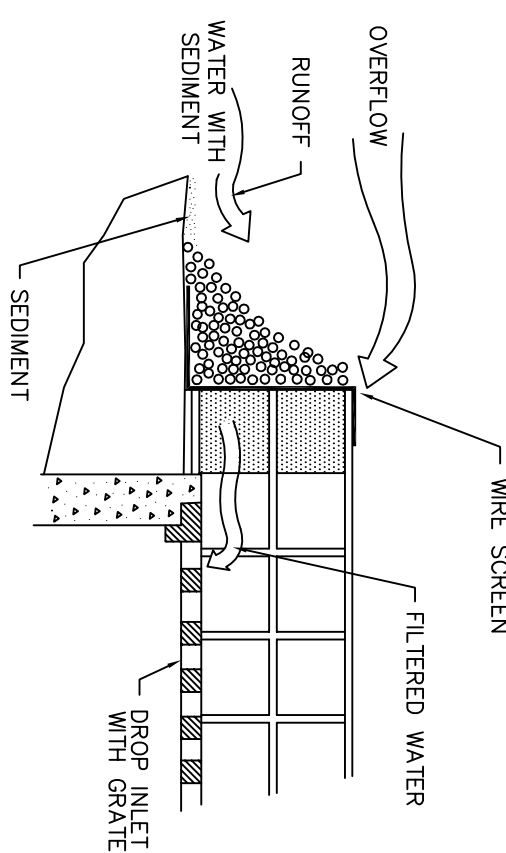
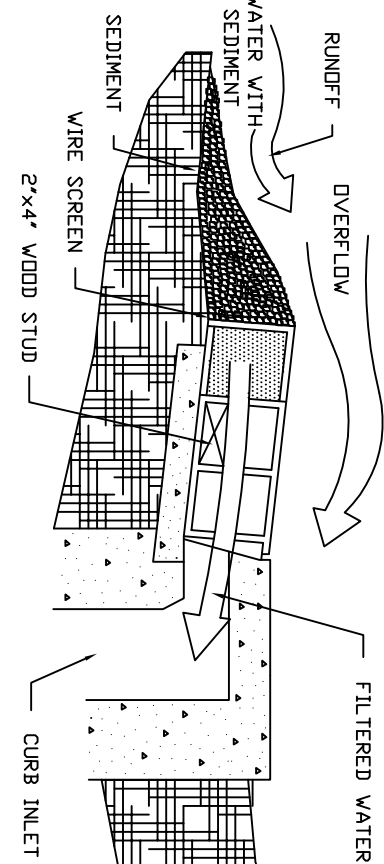
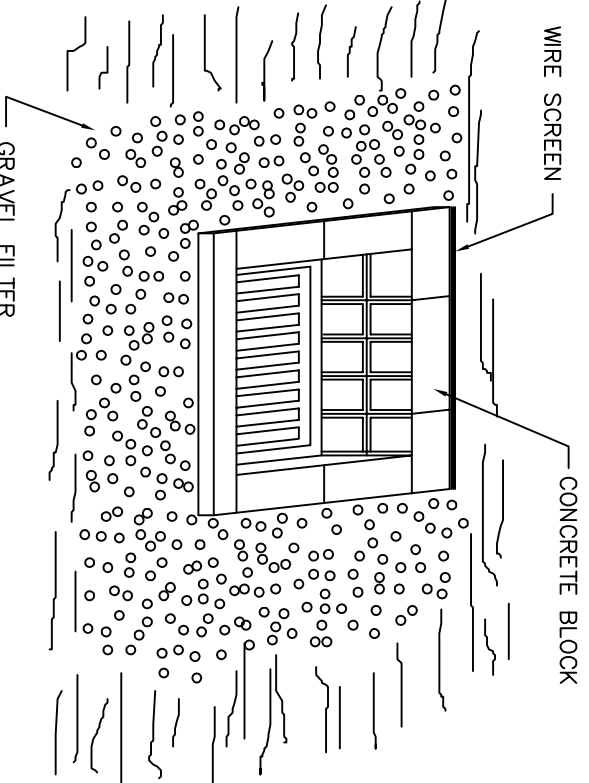
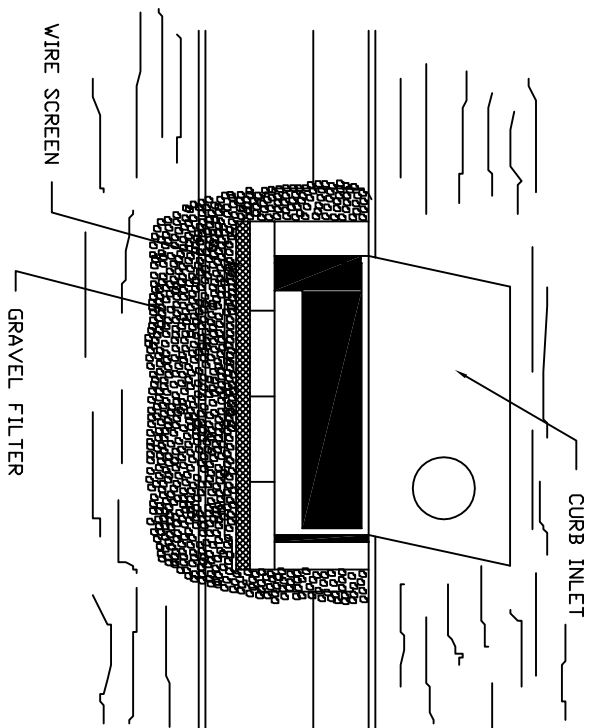






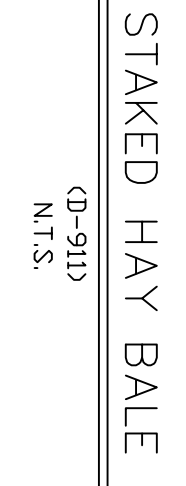
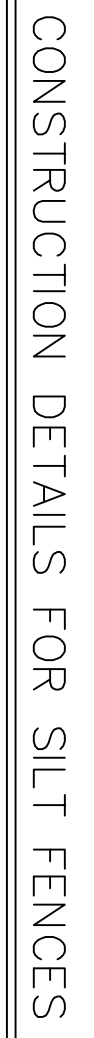
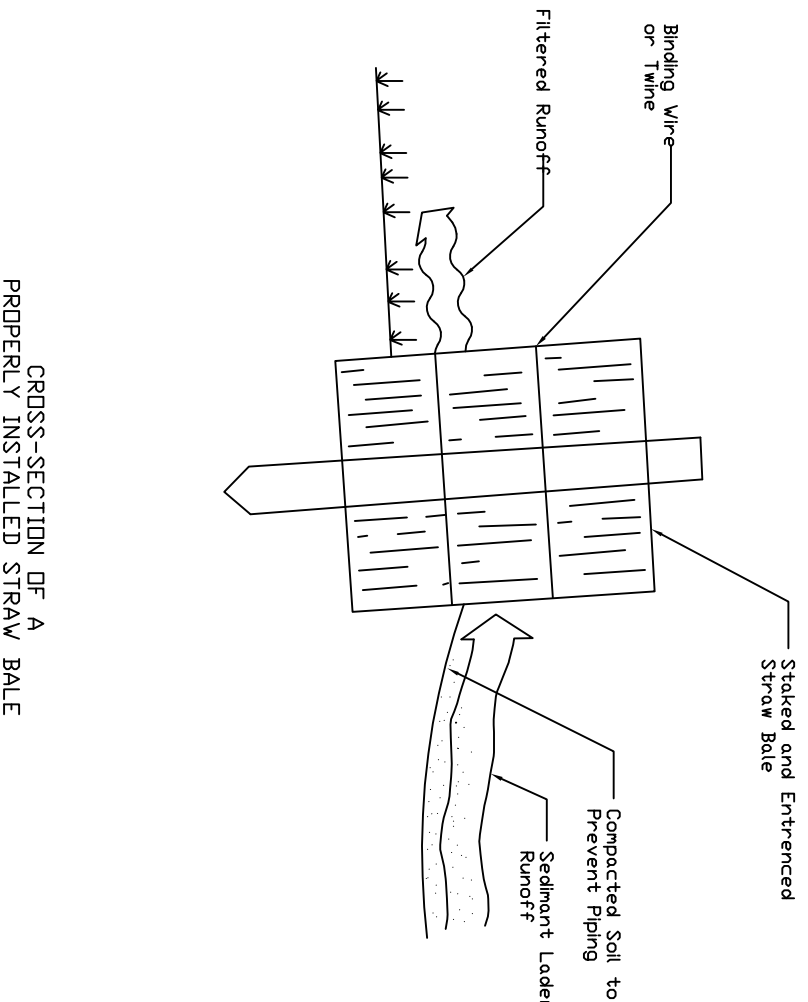
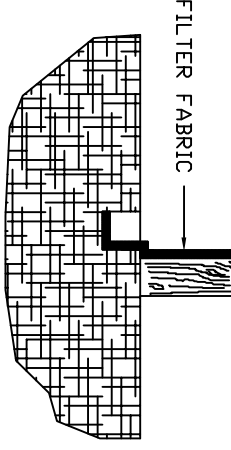
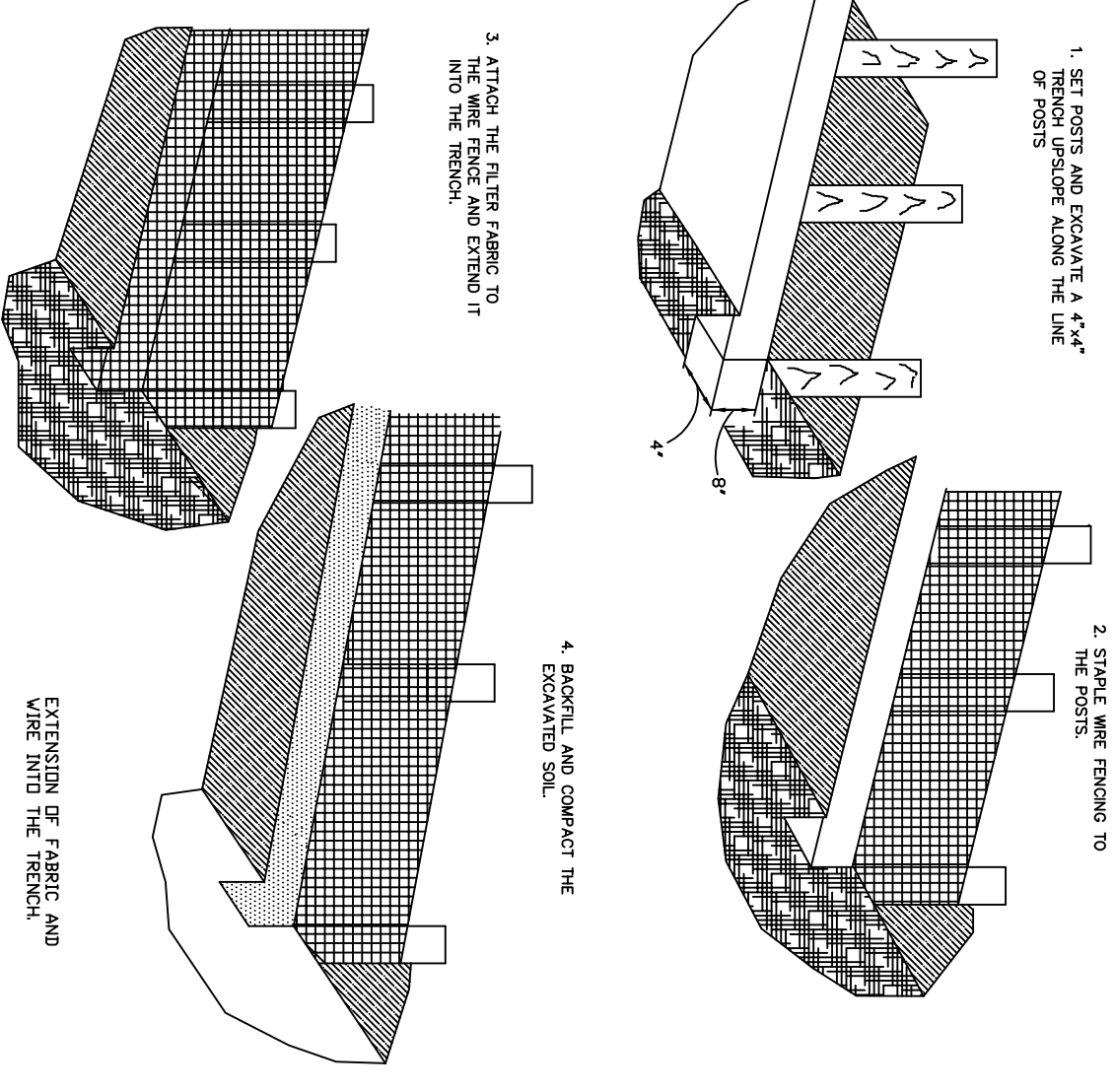
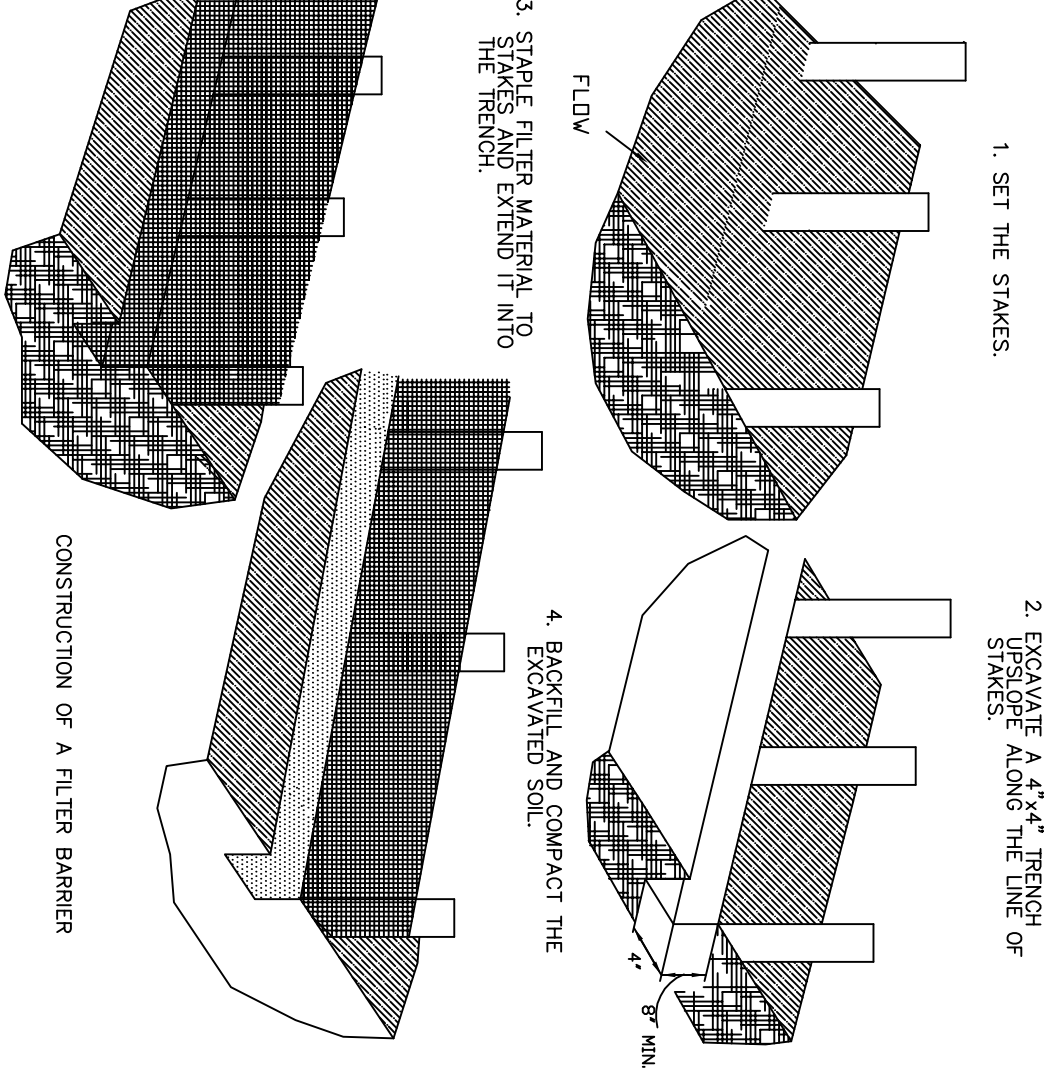
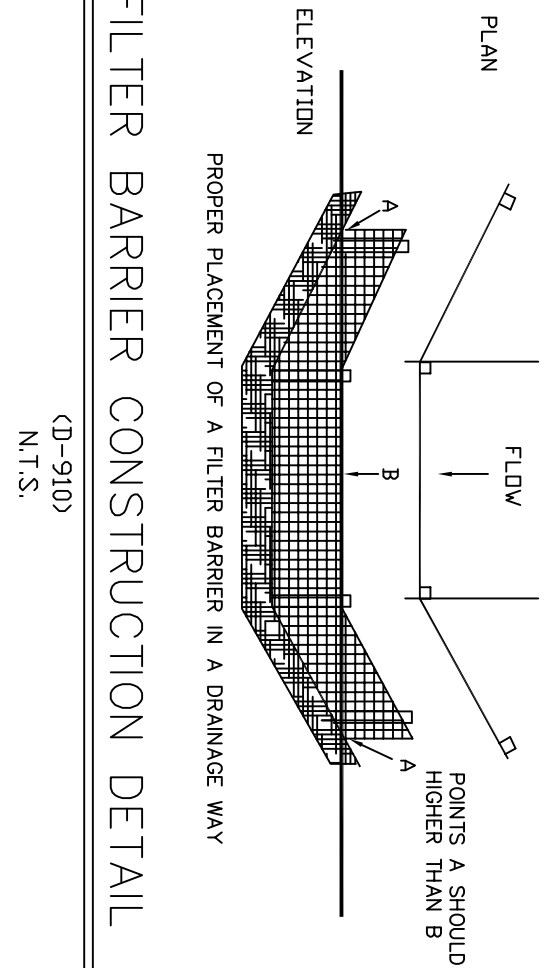
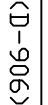
NOTE TO CONTRACTOR:

THIS IS THE CONTRACTORS CERTIFICATION REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER 5 ACRES. THIS CERTIFICATION MUST BE COMPLETED WEEKLY AND AFTER EVERY RAINFALL EVENT OVER 0.25 INCHES. IT IS SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR

[illegible][illegible][illegible][illegible]

RECOMMENDED SPACING FOR TYPE I AND TYPE II HAY BALE BARRIERS, AND TYPE III AND TYPE IV SILT FENCES AND PAVED DITCH HAY BALE BARRIERS

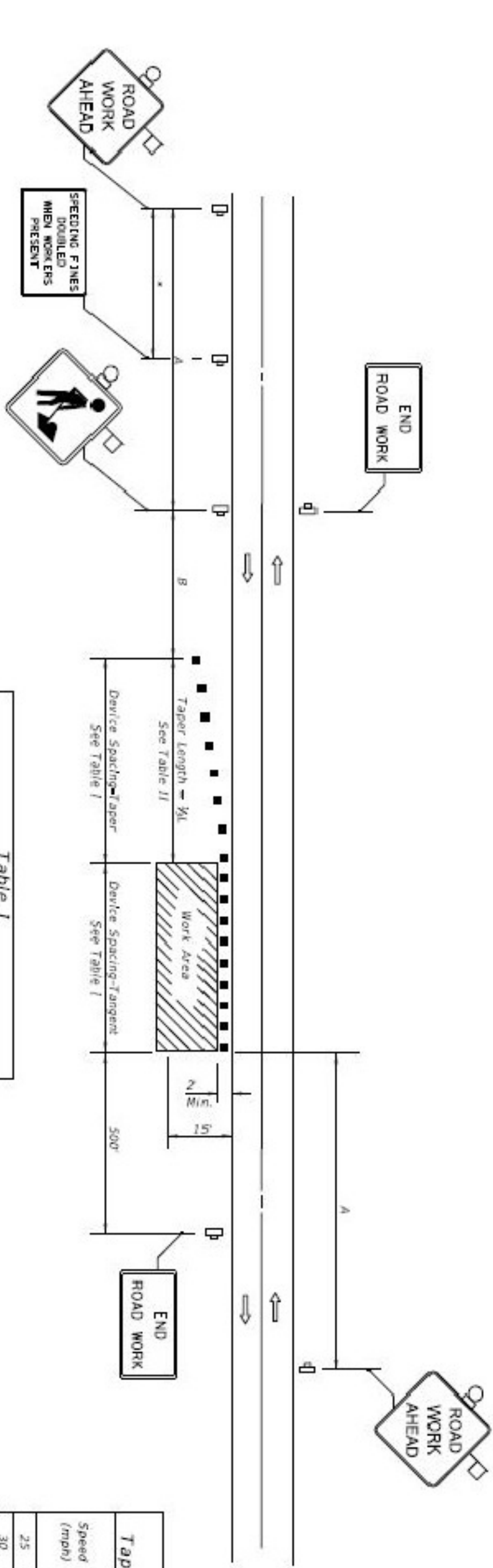
## SPACING RECOMMENDATION FOR SILT FENCES & HAY BALES











| DISTANCE BETWEEN SIGNS |               |     |
|------------------------|---------------|-----|
| Speed                  | Spacing (ft.) |     |
| 40 mph or less         | A             | B   |
| 45 mph                 | 200           | 350 |
| 50 mph or greater      | 350           | 500 |

| Table 1<br>Device Spacing |         |                                     |  |
|---------------------------|---------|-------------------------------------|--|
| Speed (mph)               |         | Max. Distance Between Devices (ft.) |  |
| Taper                     | Tangent | Cones or Tubular Markers            | Type I or Type II Barrikades or Vertical Panels or Drums |
|                           |         | Taper                               | Tangent  |
| 25                        | 25      | 50                                  | 25   |
| 30 to 45                  | 25      | 50                                  | 30   |
| 50 to 70                  | 25      | 50                                  | 50   |

| Table 2<br>Taper Length - Shoulder |                |         |       |
|------------------------------------|----------------|---------|-------|
| Speed (mph)                        |                | PL (ft) | Notes |
| Shoulder Slope                     | Shoulder Slope | 15°     | 12°   |
|                                    |                | 40      | 40    |
| 25                                 | 25             | 30      | 40    |
| 30                                 | 30             | 40      | 60    |
| 35                                 | 35             | 50      | 60    |
| 40                                 | 40             | 60      | 60    |
| 45                                 | 45             | 70      | 60    |
| 50                                 | 50             | 80      | 60    |
| 55                                 | 55             | 90      | 60    |
| 60                                 | 60             | 100     | 60    |
| 65                                 | 65             | 110     | 60    |
| 70                                 | 70             | 120     | 60    |

\* Minimum shoulder width

#### SYMBOLS

- Work Area
- Sign With 18" x 18" (HxV) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

#### GENERAL NOTES

- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLASHER sign shall be substituted for the WORKERS sign. For location of flaggers and FLASHER signs, see Index No. 603.
- SHOULDER work sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TTC indexes.
- For general TTC requirements and additional information, refer to Index No. 600.

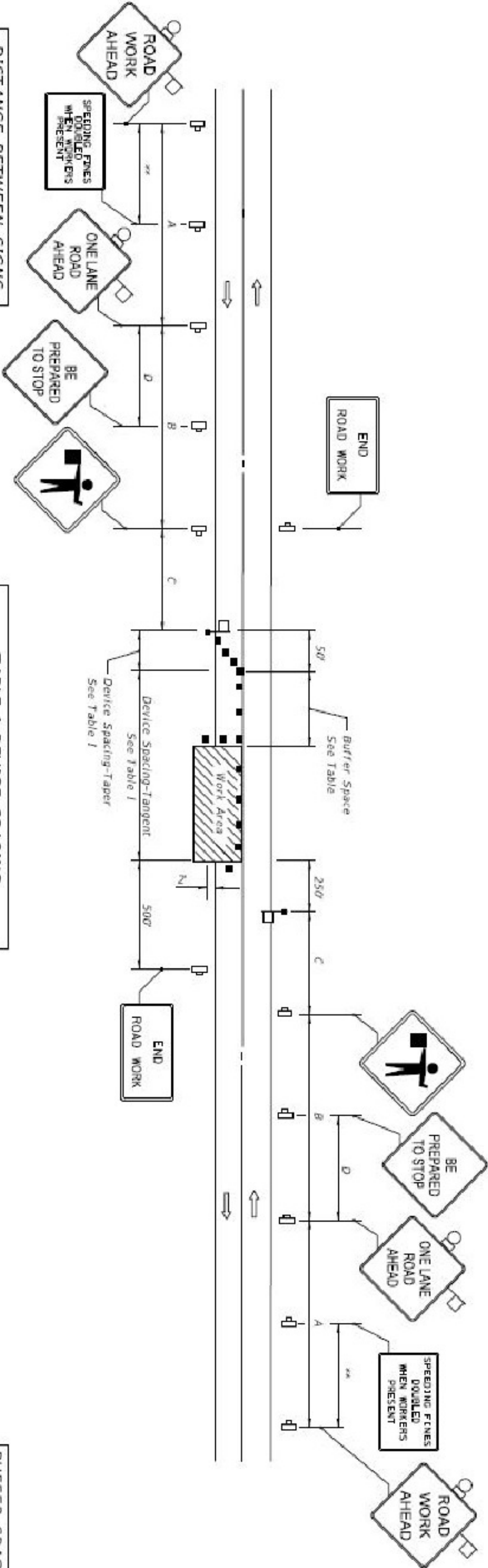
#### DURATION NOTES

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - a. Work operations are 60 minutes or less.
  - b. Vehicles in the work area have high-intensity, flashing, flashing, oscillating, or strobe lights operating.

#### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENROUCH THE AREA CLOSER THAN THE MINIMUM CLEARANCE 2' TO THE EDGE OF TRAVEL WAY.

| LAST REVISION | DESCRIPTION | 2015                  | TWO-LANE, TWO-WAY, WORK ON SHOULDER | INDEX NO. | SHEET NO. |
|---------------|-------------|-----------------------|-------------------------------------|-----------|-----------|
| 07/01/12      | REVISION    | FDOT DESIGN STANDARDS |                                     | 602       | 1 of 1    |



| DISTANCE BETWEEN SIGNS |               |     |
|------------------------|---------------|-----|
| Speed (mph)            | Spacing (ft.) |     |
| 40 or less             | A             | B   |
| 45                     | 200           | 350 |
| 50 or greater          | 350           | 500 |

| TABLE 1<br>DEVICE SPACING |         |  |         |
|---------------------------|---------|--|---------|
| Speed (mph)               |         | Max. Distance Between Devices (ft.)                      |         |
| Taper                     | Tangent | Type I or Type II Barrikades or Vertical Panels or Drums | Taper   |
|                           |         | Taper  | Tangent |
| 25 to 45                  | 20      | 50   | 20      |
| 50 to 70                  | 20      | 50   | 50      |

| BUFFER SPACE |             |
|--------------|-------------|
| Speed (mph)  | Dist. (ft.) |
| 25           | 150         |
| 30           | 200         |
| 35           | 250         |
| 40           | 300         |
| 45           | 350         |
| 50           | 400         |
| 55           | 450         |
| 60           | 500         |
| 65           | 550         |
| 70           | 600         |

#### GENERAL NOTES

- Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
- Additional one-way control may be effected by the following means:
  1. Flag-carrying vehicle;
  2. Official vehicle;
  3. Traffic signals;
  4. Traffic signs.

When flaggers are the sole means of one-way control, the flaggers shall be in sight of each other or in direct communication at all times.

3. The ONE LANE ROAD sign are to be fully covered and the FLASHER signs either open to traffic.

4. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TTC indexes.

5. The two channelizing devices directly in front of the work area and the one vehicle in the work area have high-intensity flashing, flashing, oscillating, or strobe lights operating.

6. For Temporary Planted Plants, general TTC requirements and additional information, refer to Index No. 600.

#### DURATION NOTES

- ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
  - a. Work operations are 60 minutes or less.
  - b. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space.
  - c. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space.
  - d. Vehicles in the work area have high-intensity, flashing, flashing, oscillating, or strobe lights operating.
  - e. Volume and complexity of the roadway has been considered.

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

#### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENROUCH THE AREA CLOSER THAN THE MINIMUM CLEARANCE 2' TO THE EDGE OF TRAVEL WAY.

Revisions

Date

65 LEWIS BLVD  
ST. AUGUSTINE, FLORIDA 32084  
904-814-7633  
C.A. #30799



VELES LOGISTICS  
BUSINESS PARK

FDOT  
DRIVEWAY  
MOT PLAN

ROBERT G. MORGEN JR., P.E.  
#58118

10-6-22

12  
OF 12