BOARD OF SUPERVISORS

MADISON COUNTY, MISSISSIPPI

Department of Engineering Tim Bryan, P.E., County Engineer 3137 South Liberty Street, Canton, MS 39046 Office (601) 790-2525 FAX (601) 859-3430

MEMORANDUM

January 7, 2022

- To: Sheila Jones, Supervisor, District I Trey Baxter, Supervisor, District II Gerald Steen, Supervisor, District III Karl Banks, Supervisor, District IV Paul Griffin, Supervisor, District V
- From: Tim Bryan, P.E., PTOE County Engineer
- Re: Telepak Networks, Inc./Cspire Utility Permit County Road Name, Calhoun Parkway, Taco Loco Taqueria

The Engineering Department recommends approval of permit application for Telepack Networks, Inc./Cspire proposes a directional bore to install fiber optic cable along Calhoun Parkway for a distance of 307 ft. (311 Calhoun Parkway).

GERALD STEEN District Three KARL BANKS District Four PAUL GRIFFIN District Five

	Taco Loco Taqueria
Revised: 2/14/2019	MADISON
PERMIT APPL OF A UI	CATION FOR THE CONSTRUCTION OR ADJUSTMENT ILITY WITHIN COUNTY ROAD RIGHT-OF-WAY
Utility Information:	Utility Name: Telepok Networks, Juc. dba CSpire
Address: 1010 H	City/State/Zip: KIOCKIANOLMS 39/57
Contact Person: <u>UV</u> <u>Project Information:</u>	County Road Name:Calban Partway
Beginning Location:	(If located within more than one road right-of-way, use Appendix 1 for additional descriptions) Albour Plwy Ending Location: Physics Property
Length of Project:	$\frac{1}{201 \text{ ft}}$ Section: 21 Township: $6N$ Range: $2E$
Description of Work: _ Fiber potic	Spire proposes a directional horse to install
distance	# 307 ft. (311 Calhoun Parkway)

____ Check Box if Appendix 1 is to be included as a part of this Application

Whereas the above stated Utility makes application to the **Madison County Board of Supervisors** for a Construction Permit. Attached hereto are drawings and plans for the construction of the above facilities located within Madison County owned public rights-of-way. Once stamped by the Madison County Engineering Department, these plans shall not be changed or altered without written approval of the County Engineer, or his representative. A copy of the approved permit and plans shall be on-site at all times during construction.

The Applicant Utility shall comply with all policies, procedures and construction practices as outlined in *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads* (hereinafter referred to as the "Policy"), as adopted on November 1, 2005, by the **Madison County Board of Supervisors**, and which is hereby made a part of this Application Agreement.

If facilities are to be located within the Rights-of-Way of the County-Federal or State Aid System, Applicant Utility also agrees to comply with applicable provisions of *S.O.P. No. SA II-2-8, Accommodation of Utilities on Rights-of-Way,* issued by the State Aid Engineer and dated July 1, 2005.

The Applicant Utility understands and agrees that, except as herein granted, no right, title, claim, or easement to said road rightof-way is granted by the issuance of this permit. If this Utility is listed in the general provisions of the Policy, it will be adjusted to comply with same without cost to the County, unless the variance from the Policy has been approved by the granting of the Permit pursuant to this Application.

The Applicant Utility further understands that the Utility's engineering, plant, or other personnel will be responsible for the staking and construction supervision of the work set out above and as shown on the attached plans. If work impacts traffic in any way, the appropriate traffic control shall be installed per the *Manual of Uniform Traffic Control Devices*, Latest Edition.

The Applicant Utility understands that the County Engineer, or his representative, may issue a Stop Work Order at any time if it is deemed that site conditions are not suitable for construction or if any of the requirements of this permit are not being met.

Many County Roads have variable Rights-of-Way and/or no Right-of-Way at all and are maintained under a Prescriptive Easement. It is the sole responsibility of the Applicant Utility to verify the existence and limits of public rights-of-way. If none exists, it is the

Permit Application for the Construction or Adjustment of a Utility Within County Road Right-of-Way

responsibility of the Applicant Utility to acquire an easement for their Facilities from the applicable property owner(s). Madison County in no way verifies the limits of Right-of-Way as shown on the permit application.

The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or other road or highway construction at no cost to Madison County. The Applicant Utility shall relocate said utilities within sixty (60) days of notification by County by registered mail, return receipt requested, unless otherwise designated by the County Engineer. Further, any maintenance, repair, or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safety to traffic and at the expense of the utility company. When reasonable care has been taken to locate said utility facilities within the right-of-way, the Applicant Utility understands that any damages caused by routine maintenance and construction by County forces shall be borne by the Applicant Utility.

The Applicant Utility further agrees to indemnify and hold Madison County harmless for any and all claims, accidents, damages, liabilities and expenses occasioned wholly, or in part, by any act or omission of applicant, its agents or employees. In case County shall, without fault on its own part, be made a party to any litigation commenced by or against applicant, then applicant shall protect and hold County harmless, and shall pay all costs, expenses and reasonable attorney's fees incurred or paid by County in connection with said litigation.

All underground facilities shall be installed at a depth equal to or greater than 48" below the lowest adjacent grade.

All pipes carrying liquid shall be encased under County maintained roads.

an pipes carrying inquire share be cheased under county maintained rouds.
WITNESS the signature of the Applicant this the \underline{U} day of \underline{J} and \underline{J} , 20, 22.
By: Almiter Carou Childs (Applicant Signature) Title: OSP Permit Specialist
Note: Applicant must be an employee of the Utility named in this application. The Madison County Board of Supervisors will not recognize a Contractor, Subcontractor, Agent, or Consulting Engineer as the Applicant. Utility Company shall be fully responsible for all work performed under this application.
I, or my authorized representative, have reviewed this application and determined that the drawing, sketches, and plans submitted by the Applicant meet the requirements of A Policy for The Accommodation of Utility Facilities within
the Right-of-Way of all Public County Roads. APPROVED By timothy.bryan at 2:50 pm, Jan 11, 2022
Tim Bryan, P.E.
County Engineer
AGREED TO AND APPROVED BY:
Date:
Madison County Board President
ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS
DAY OF, 20
Permit Application for the Construction or Adjustment of a Utility Within County Road Right-of-Way Page 2

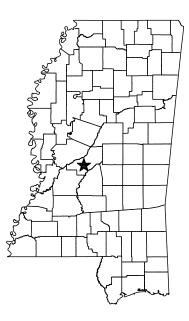


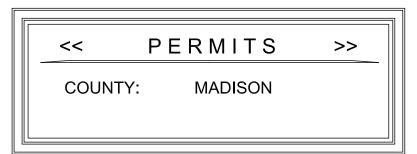
ASBUILT INFORMATION

FIELD ENGINEER: PROJECT MANAGER: CONSTRUCTION: SUB CONTRACTOR: INSPECTOR:

CONSTRUCTION COMMENCED: CONSTRUCTION COMPLETED: FIBER INSTALLED: FINAL CLEANUP:

NAME:
NAME:
NAME:
NAME:
NAME:
PHONE#:
DATE:
DATE:
DATE:
DATE:



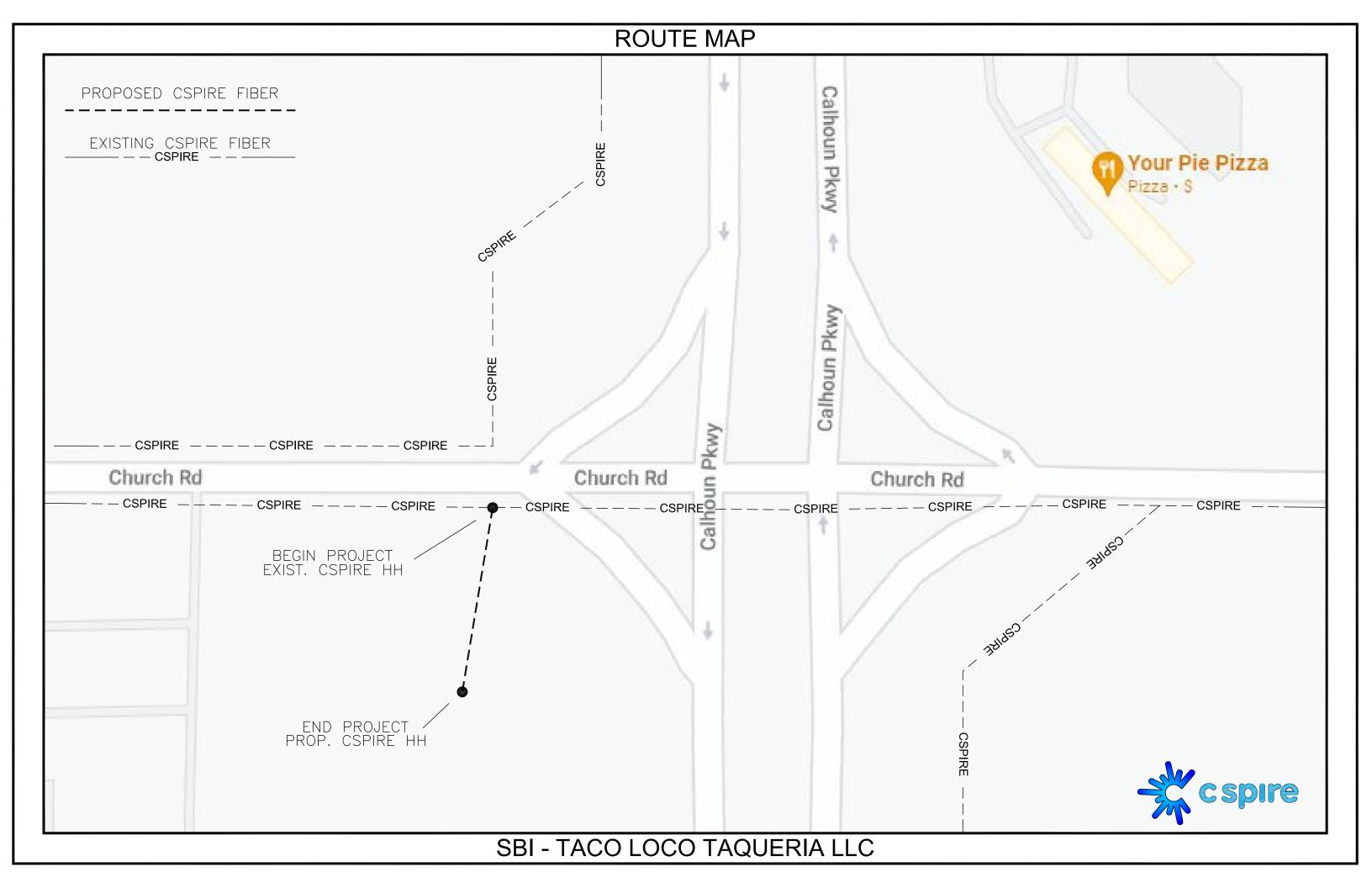


SBI.OSP.65041 CS.OSFPMS-MADCTY.MS

PROPOSED FIBER BUILD SBI - TACO LOCO TAQUERIA LLC 12/22/21



1018 HIGHLAND COLONY PARKWAY SUITE 340 RIDGELAND, MISSISSIPPI 39157 1-800-342-3716



CONSTRUCTION NOTES:

- 1. ALL CONDUIT WILL BE 4" ID SCHEDULE 40 (ie. PVC OR BSP/GSP, MANUFACTURED SPLIT PVC OR SPLIT BSP/GSP), UNLESS SPECIFIED OTHERWISE.
- 2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. CALL ONE CALL SYSTEM @ 1-800-227-6477.
- 3. ALL UNDERGROUND OBSTRUCTIONS , WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER AND THE PLACEMENT OF 4" MANUFACTURED SPLIT PVC, BSP/GSP OVER OR UNDER EACH OBSTRUCTION.
- 4. SHORING MAY BE REQUIRED AND SHALL COMPLY TO O.S.H.A. STANDARDS.
- 5. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 60" MINIMUM COVER CROSSING ALL STATE AND OR COUNTY ROADS AND ALL CREEK BEDS UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
- 6. MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
- 7. ALL 90 DEGREE BENDS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE. ALL SPLIT CONDUIT BENDS AND SOLID PVC BENDS SHALL REQUIRE CONCRETE ENCASEMENT, UNLESS SPECIFIED OTHERWISE.
- 8. OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION.
- 9. ALL STATIONING IS BASED ON AS-BUILT INFORMATION. THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
- 10. RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION
- 11. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 24" MINIMUM BELOW THE LOWEST POINT OF EXISTING CITY UTILITY BEING CROSSED.
- 12. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 48" MINIMUM BELOW ALL CITY & OR SURFACE STREET(S) WHERE NO UTILITY IS CROSSED.
- 13. CONSTRUCTION CONTRACTOR SHALL PLACE MARKER POLES AT ALL H.H. LOCATIONS & AT EVERY MAJOR P.I. CONTRACTOR WILL PLACE MARKER POLES DURING THE CONSTRUCTION PHASE.

GENERAL NOTES:

- 1. ALL WORK TO BE DONE WITH EXTREME CAUTION, FIBER OPTIC CABLE CARRYING TRAFFIC AND LOSS OF SERVICE WILL RESULT IN LOSS OF REVENUE.
- 2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, TELEPAK, OR THE RIGHT-OF-WAY GRANTOR.
- 3. LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED RAILROAD EVALUATION MAPS OR OTHER DRAWINGS, AND MAY BE AS SHOWN OR DEPICTED ON THESE DRAWINGS.
- 4. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS, BUT ARE NOT NECESSARILY EXACT. THEREFORE, UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING OR PLOWING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN EVENT OF CONFLICTS.
- 5. ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON THE CONSTRUCTION DRAWINGS. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.
- 6. ANY AND ALL IMPROVEMENTS, SUCH AS, ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
- 7. EQUIPMENT TYPES SPECIFIED HEREIN (ie: "BACKHOE. "SWAMP PLOW". ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.

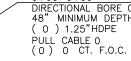
TRAFFIC CONTROL NOTES:

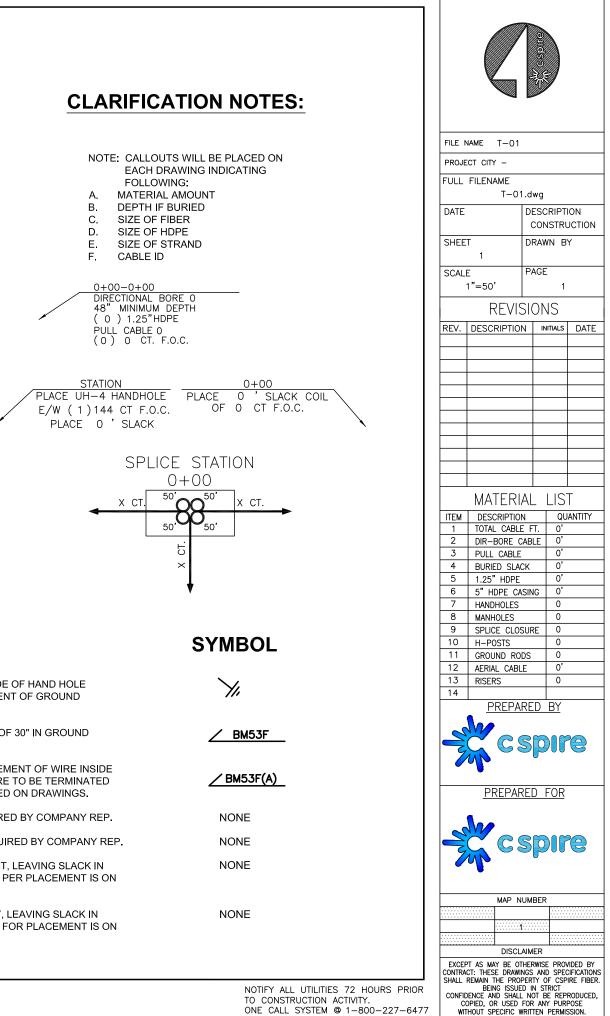
ALL WORK SHALL COMPLY WITH THE UNIFORM TRAFFIC CONTROL MANUAL. (1998 EDITION OF MUTCD, REVISION 3) OR NEWER VERSIONS OF THIS MANUAL.

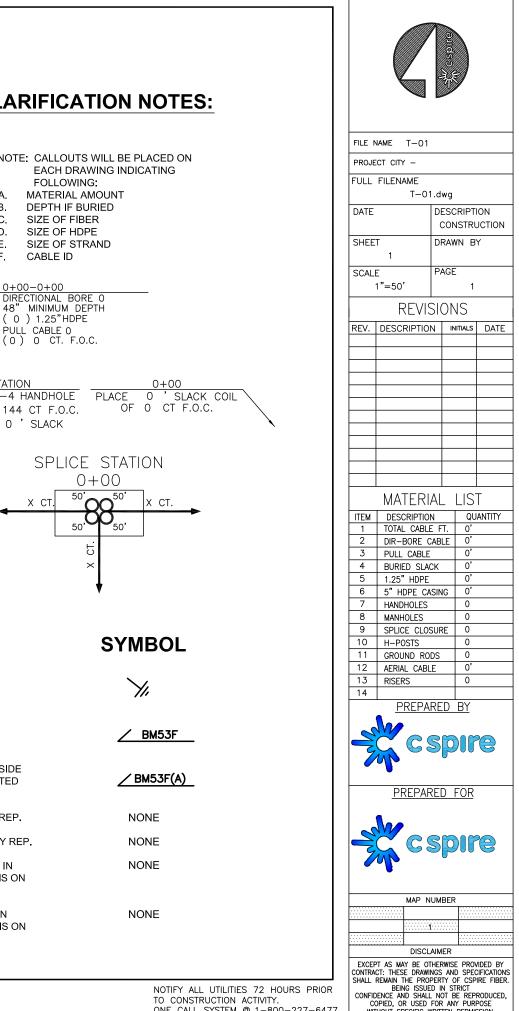
NOMENCLATURE DEFINITION

1. BM2-8 :	PLACEMENT OF EIGHT FOOT GROUND ROD OUTSIDE OF HAND HOLE SIX INCHES BELOW GROUND LEVEL WITH PLACEMENT OF GROUND WIRE WITHE CONNECTOR.
2. BM53F:	PLACEMENT OF PLASTIC MARKER POLE, MINIMUM OF 30" IN GROUND AS INDICATED BY DRAWINGS.
3. BM53F(A) :	PLACEMENT OF LOCATE MARKER POST AND PLACEMENT OF WIRE INSIDE OF POST FROM GROUND ROD AND SPLICE CLOSURE TO BE TERMINATED IN POST FOR LOCATION OF FACILITIES AS INDICATED ON DRAWINGS.
4. BM72 :	RESTORATION OF ASPHALT PER SQ. FT. AS REQUIRED BY COMPANY REP.
5. BM73 :	RESTORATION OF CONCRETE PER SQ. FT. AS REQUIRED BY COMPANY REP.
6. UO-144 :	PLACEMENT OF 144 COUNT FIBER INTO INNER-DUCT, LEAVING SLACK IN HAND HOLES AS INDICATED ON DRAWINGS. PRICE PER PLACEMENT IS ON 'PER FOOT' BASIS.
7. UO-24 :	PLACEMENT OF 24 COUNT FIBER INTO INNER-DUCT, LEAVING SLACK IN HAND HOLES AS INDICATED ON DRAWINGS. PRICE FOR PLACEMENT IS ON A 'PER FOOT' BASIS.

		EACH DRAWING
		FOLLOWING:
	Α.	MATERIAL AMOU
	в.	DEPTH IF BURIE
	C.	SIZE OF FIBER
	D.	SIZE OF HDPE
	E.	SIZE OF STRAND
	F.	CABLE ID
	0+	00-0+00
~		
	DIR	ECTIONAL BORE 0







			SYM
DIRECTIONAL BORE	DB DB	RAILROAD TRACKS	
AERIAL CABLE		AUXILLARY TRACKS	
PLOW OR BURIED CABLE		CENTERLINE	
DIRECTIONAL BORE 5" HDPE		WOOD LINE	
PVC OR SPLIT PVC CONDUIT		DITCH LINE	
ASTMA 139 GRADE B STEEL		TOP OF SLOPE	
JACK AND BORE		TOE OF SLOPE	
CORE BORE		AERIAL UTILITY (ELECTRIC)	
EXISTING TELEPAK CABLE	CSPIRE	UNDERGROUND UTILITY (TELE (PARTIAL CAPSULE INDICATES	EPHONE) S COVER DEPTH IN
PROPOSED HANDHOLE	EXISTING HANDHOLE	CAUTION NOTES	
HANDHOLE (CABLE IN HDPE)	DB DB	WATER VALVE	
		WATER METER	
HH (CABLE IN PVC CONDUIT)		GAS VALVE	
HANDHOLE (CABLE IN GSP CONDUIT)		FIRE HYDRANT	
MANHOLE	0	STORM DRAIN	
MANHOLE (CABLE IN HDPE)	DB DB	SEWER MANHOLE	
MANHOLE (CABLE IN PVC CONDUIT)		CULVERT	
MANHOLE (CABLE IN BSP/GSP COND			
H-FRAME		BOX CULVERT	
BORE PIT		CITY, COUNTY OR STATE BO	UNDARY LINE
LIGHTNING ARRESTOR		R.R. CROSSING SIGNAL	^ی وع یوم
AC/DC FILTER PROTECTION		R.R. SIGNAL ARM	0
ALUMINUM HUB STYLE MARKER	Î	U/G TRANSFORMER	X
STEEL MARKER	1	STREET/SIGNAL LIGHT	0
FLAT COMPOSOLITE MARKER	t	PARKING METER	\bigtriangleup
TUBULAR MARKER	1	STEEL/WOOD POST	o
RIGHT-OF-WAY MARKER	\bigcirc	SIGN	þ
RIGHT-OF-WAY PIN		FENCE LINE	× ×
		TELEPHONE/CATV PED	
MILE POST MARKER NOTE: DASHED = (NOT FOUND IN FI	$\gamma \gamma$	TREE	\odot
HOLE - (NOT FOUND IN FI		BUSH	×

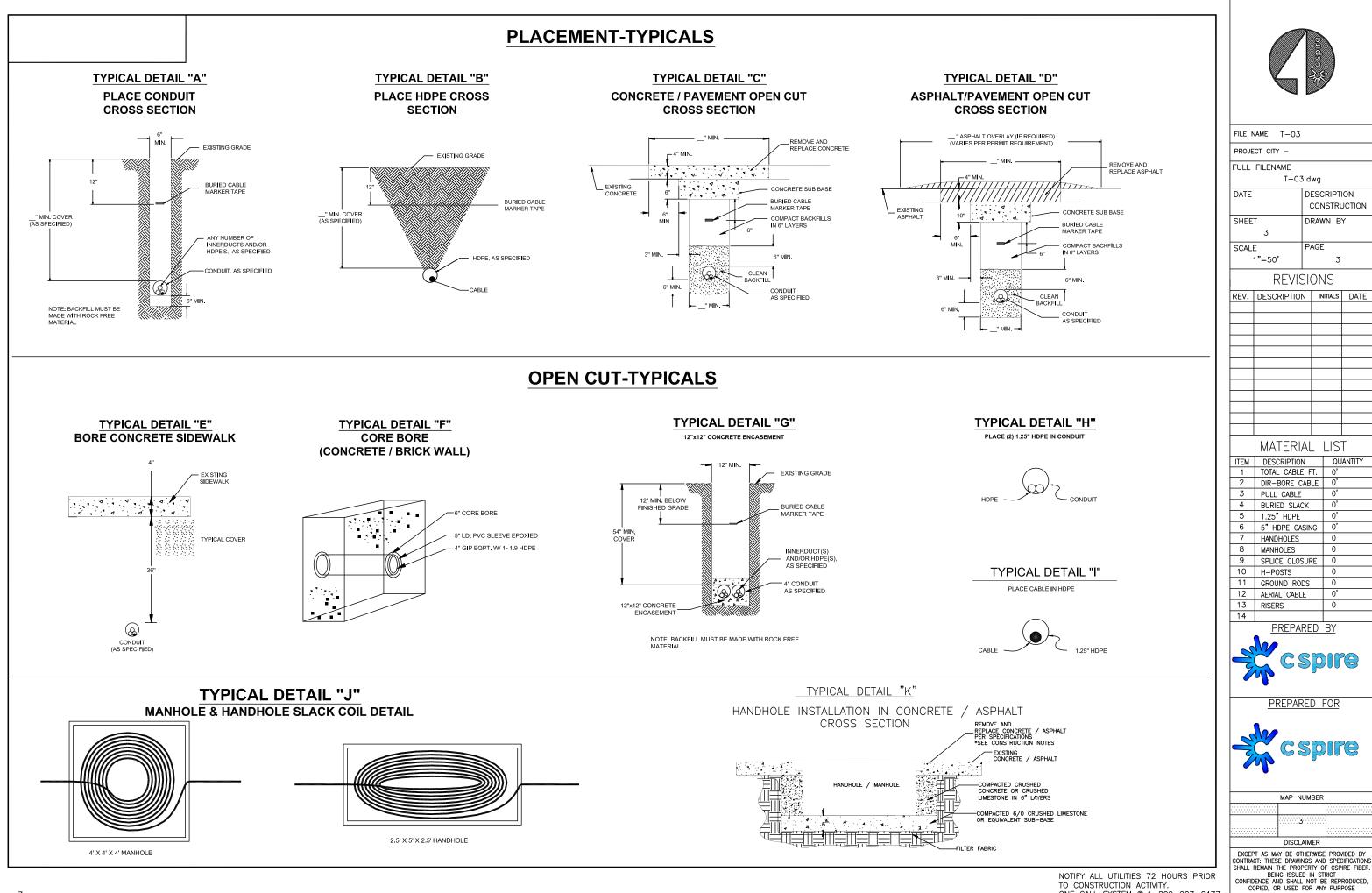
SYMBOLS KEY

			ACCOUNT CO	XISTING) — NCHOR & GUY — DE CHANGE (BUF	ried – Aeri	
e) R depth in inches)		(15")	PROPERTY LII EDGE OF PAN BACK OF CUI WHITE LINE RIGHT-OF-W/ TAX DISTRICT	/EMENT RB AY LINE	IRECTION OF	PUL
	Ⅲ ⑤ └────			TH AS INDACATED		
Y LINE	••••	_	PWR	POLE A	TTACHM	ENT
°,, ⊂ ○ △ ○ d × × × ⊠	PUSH BRACE JOINT USE POLE TELEPHONE POLE CONCRETE POLE STEEL POLE POWER POLE TRANSFORMER POLE GROUND WIRE	O_ <u></u> PB ⊗ O © S × ⊠ I I	TRI COMM CATV SL TSIG MDW COMM OH FL WH TRAN TELEPAK SEC	TRIPLEX COMMUNICATION CATV ATTACHME STREET LIGHT TRAFFIC SIGNAL MULTI DROP W G COMMUNICATION FLOOD LIGHT WEATHER HEAD TRANSFORMER TELEPAK ATTAC SECONDARY PO	ENT - IRE NS OVERHEA D	
*	BOND AND GROUND	B&G				

ANCHO	NR AND GUY W	HOLLY OWNED B Y)
ANOTH	ER COMPANY	
SIDEWA	ALK ANCHOR &	; GUY
PROPO	SED SIDEWALK	ANC & GUY
ERIAL)		-0
OF PULL)	92'10M	OHG
	— EOP —	EOP
		42° P.T.F. 187
IMENT AB	BREVIATIO	NS
	PWR OHG	POWER OVERHEAD GUY
	CATV OHG	CATV OVERHEAD GUY
HMENT	CAP BANK	CAPACITOR BANK
	CLTCKT	FIRE ALARM CIRCUIT
	PWR DIP	POWER DIP
	COMM DIP	COMMUNICATIONS DIP
	CATV DIP	CATV DIP
HEAD GUY	TEOP	TRAFFIC LIGHT
	TGUY	TRAFFIC GUY
	MS	MIDSPAN
	OHG	OVERHEAD GUY
	TOP	TOP OF POLE
	NEU	NEUTRAL

FILE N	IAME T-02				
	CT CITY -				
FULL	FILENAME)			
DATE	T-02	-	RIPTION	1	
Ditte			ISTRUCT		
SHEE		DRAV	VN BY		
SCALE	2	PAGE	-		
	1"=50'		2		
	REVIS	SION	1S		
REV.	DESCRIPTIO		_	ATE	
	MATERI				
ITEM 1	DESCRIPTIO		QUAN 0'	ITY	
2 3	DIR-BORE C PULL CABLE	ABLE	0' 0'		
4	BURIED SLAC	СК	0'		
5 6	1.25" HDPE 5" HDPE CA	SING	0' 0'		
7	HANDHOLES		0		
8	MANHOLES SPLICE CLOS	SURE	0		
10	H-POSTS		0		
11 12	GROUND RO		0 0'		
13 14	RISERS		0		
14	PREPA	RED	BY		
and a	C	50			
	PREPAR	RED	FOR		
- spire					
MAP NUMBER					
······2·····					
			1		
EXCEP CONTRAC SHALL F CONFID CONFID CC	DISCLAIMER EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT: THESE DRAWINGS AND SPECIFICATIONS SHALL REWAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.				

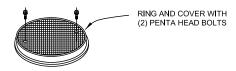
NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY. ONE CALL SYSTEM @ 1-800-227-6477

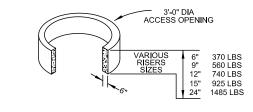


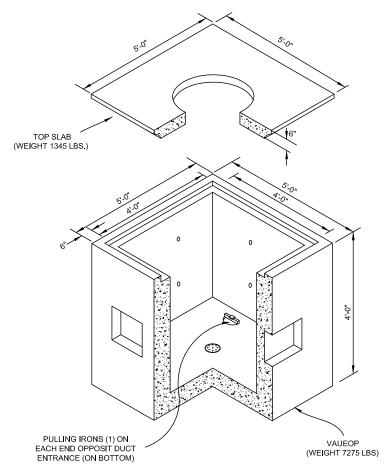
TO CONSTRUCTION ACTIVITY. ONE CALL SYSTEM @ 1-800-227-6477

WITHOUT SPECIFIC WRITTEN PERMISSION.

CAPITOL CONCRETE PRODUCTS, INC



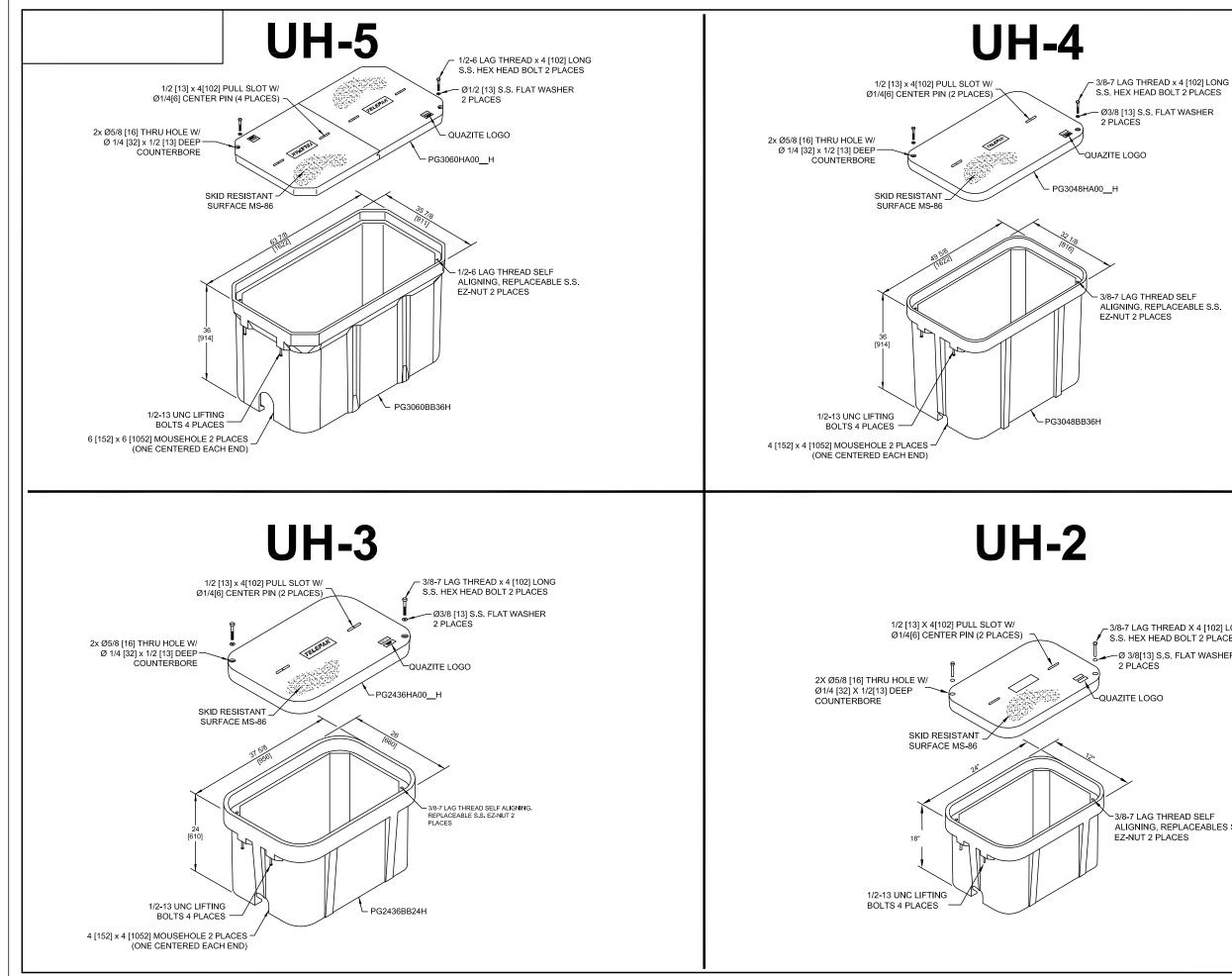




FIBER OPTIC/LIGHTGUIDE SPLICE VAUEOP 4'-0"X4'-0"X4'-0"

GRADE 60 REINFORCEMENT 4500 PSI CONCRETE REINFORCEMENT FOR AASHTO M-20 LOADING

		Extension		
FILE N	IAME T-04			
PROJE	CT CITY -			
FULL	FILENAME			
	T-04	l.dwg		
DATE			RIPT	ION JCTION
SHEE	Т		VN B	
	4			
SCALE	E 1"=50'	PAGE	E 4	
			-	
	REVIS			
REV.	DESCRIPTIO	N I	NITIALS	DATE
	MATERI		110	Г
ITEM	DESCRIPTIO			i ANTITY
1	TOTAL CABLE	E FT.	0' 0'	
3	DIR-BORE C PULL CABLE		0'	
4 5	BURIED SLAG		0' 0'	
6	5" HDPE CA		0'	
7 8	HANDHOLES MANHOLES		0	
9	SPLICE CLOS	SURE	0	
10 11	H-POSTS GROUND RO	DS	0	
12	AERIAL CABL		0'	
13 14	RISERS		0	
- May		~~~	<u>BY</u>	e
2			FOR	20
7			200	<u> </u>
	······································		1	
	DISCL	AIMER		
EXCEP CONTRAC SHALL I CONFID	T AS MAY BE OT CT: THESE DRAWI REMAIN THE PROJ BEING ISSUE ENCE AND SHALL OPIED, OR USED HOUT SPECIFIC V	HERWIS	E PROV D SPEC DF CSP TRICT BE REP	VIDED BY CIFICATIONS IRE FIBER. RODUCED,

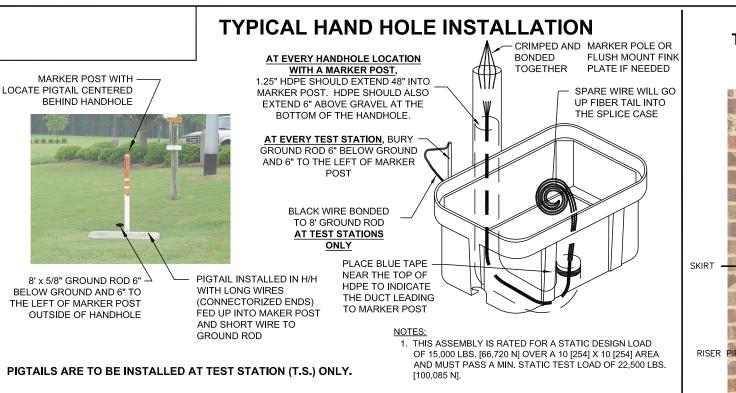


– 3/8-7 LAG THREAD X 4 [102] LONG S.S. HEX HEAD BOLT 2 PLACES Ø 3/8[13] S.S. FLAT WASHER

ALIGNING, REPLACEABLES S.S.

NOT	IFY	ALL	. UTILITIE	ES	72	HOURS	PRIOR
ΤO	100	NSTF	RUCTION	AC	TIVI	TY.	
ONE	E C/	۹LL	SYSTEM	0	1 —	800-22	7–6477

		Exercise			
	IAME T-05				
	CT CITY -				
FULL	FILENAME T-05	ö.dwg			
DATE		DESC		ON ICTION	
SHEE	T 5	DRAV	VN BI	(
SCALE		PAGE	Ξ		
	1"=50'		5		
	REVIS	SION	١S		
REV.	DESCRIPTIO	N II	NITIALS	DATE	
		_			
	MATERI	AL	LIST	-	
ITEM	DESCRIPTIO			ANTITY	
1	TOTAL CABLE		0'		
2 3	DIR-BORE C	ABLE	0' 0'		
4	PULL CABLE	СК	0'		
5	1.25" HDPE		0'		
6	5" HDPE CA	SING	0'		
7 8	HANDHOLES MANHOLES		0		
9	SPLICE CLOS	SURE	0		
10	H-POSTS		0		
11	GROUND RO		0		
12 13	AERIAL CABL RISERS	Ŀ	0' 0		
14			Ľ		
	PREPA	RED	BY		
- C spire					
	PREPAR	RED	FOR		
- c spire					
	MAP N	UMBEF	2		
			: 		
	DISCL				
EXCEP CONTRAC SHALL	T AS MAY BE OT CT: THESE DRAWI REMAIN THE PRO BEING ISSUE	HERWIS NGS AN PERTY (D IN S	e prov D spec DF cspi Trict	ided by ifications re fiber.	
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT: THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.					



HANDHOLES ARE TO BE INSTALLED A MINIMUM OF THREE FEET FROM ANY UTILITY OR POWER POLE.

BOXES (Nestable)

DESCRIPTION	PART NO.	WEIGHT	DESIGN/TEST LOAD#
UH-5 30x60x36	PG3060Z501	933# 423KG.	15'000 LBS
UH-4 30x48x36	PG3048Z579	563# 255KG.	15'000 LBS
UH-3 24x36x24	PG2436Z905	284# 129KG.	15'000 LBS

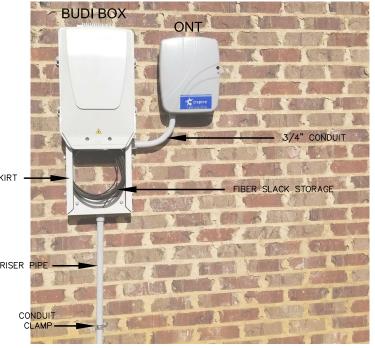
DIMENSIONS ARE IN INCHES OR MILLIMETERS IN BRACKETS UNLESS OTHERWISE NOTED.

2. ALL ENCLOSURES, BOXES AND COVERS, ARE REQUIRED TO CONFORM TO ALL TEST PROVISIONS OF ANSI/SCTE 77 2007 "SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY" AS MANUFACTURED BY QUAZITE OR EQUIVALENT WITH TELEPAK NETWORK'S ENGINEER'S SIGNED APPROVAL. THE COVERS MUST BE RATED FOR TIER 15 APPLICATIONS AND BOXES RATED FOR TIER 22 APPLICATIONS AND IN NO ASSEMBLY CAN THE COVER DESIGN LOAD EXCEED THE DESIGN LOAD OF THE BOX. ALL COMPONENTS IN AN ASSEMBLY (BOX & COVER) ARE MANUFACTURED USING MATCHED SURFACE TOOLING. ALL COVERS ARE REQUIRED TO HAVE A MINIMUM COEFFICIENT OF ERICTION OF 0.50 IN ACCORDANCE WITH ASTM C 1028 AND HAVE TIER 15 AND "TELEPAK NETWORKS 800-342-3716" EMBOSSED ON THE TOP SURFACE, ALL COVER BOLTS TO BE SELF-CLEANING AUGER BOLT ASSEMBLIES.

PUNCH 1.5" HOLE INTO THE

SIDE OF THE UH-1

TYPICAL BUDI BOX, SKIRT & ONT COMBO OUTDOOR INSTALLATION PROCEDURES AT BUILDING ENTRIES

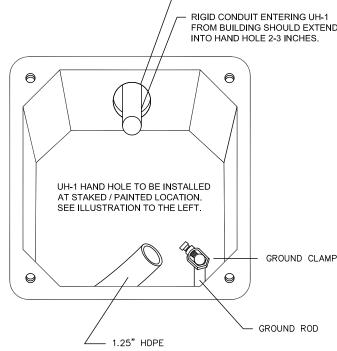


- PLEASE MOUNT BUDLBOX 36" OFF THE GROUND UNLESS OTHERWISE STATED ON THE DRAWINGS BUDI BOX & ONT INSTALLATION LOCATION WILL BE SHOWN ON THE CONSTRUCTION DRAWINGS. PLEASE DO NOT USE PICTURES AS A HEIGHT INDICATOR FOR THE INSTALLATION. 3. MOUNT 3' RISER PIPE TO THE WALL USING SHOWN CONDUIT STRAPS. 4. JOIN RISER PIPE TO SKIRT AT SHOWN LOCATION & MOUNT BUDI BOX & SKIRT TO WALL 5. USING A 3/4" SWEEPING 90, CONNECT SKIRT TO ONT AND MOUNT ONT TO WALL.
- PLACE FIBER FROM DUCT INTO RISER PIPE AND INTO SKIRT LEAVING A 5' SLACK LOOP.

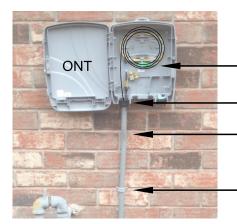
TYPICAL UH-1 / UH-2 HAND HOLE **INSTALLATION PROCEDURES AT BUILDING ENTRIES**



UH-1 / UH-2 INSTALLATION LOCATION WILL BE MARKED BY A STAKE AND/OR PAINT. CSPIRE/ **OSP WILL INSTALL CONDUIT 8" UNDERGROUND** TO DESIRABLE UH-1 LOCATION.



TYPICAL ONT OUTDOOR INSTALLATION PROCEDURES AT BUILDING ENTRIES



- 1. PLEASE MOUNT ONT 48" OFF THE GROUND UNLESS OTHERWISE STATED ON THE DRAWINGS. 2. ONT & FDP INSTALLATION LOCATION WILL BE SHOWN ON THE CONSTRUCTION DRAWINGS. PLEASE DO NOT USE PICTURES AS A HEIGHT INDICATOR FOR THE INSTALLATION. MOUNT ONT AS CLOSE TO THE POWER METER AS POSSIBLE
- 3. DUCT PLACED BY DIRECTIONAL BORING SHOULD MEET THE RISER PIPE UNDERGROUND NEAR THE BASE OF THE WALL. A 4" GAP BETWEEN THE DUCT AND THE RISER PIPE IS ACCEPTABLE.
- 4. MOUNT 4' RISER PIPE TO THE WALL USING SHOWN CONDUIT CLAMPS.
- 5. JOIN RISER PIPE TO ONT AT SHOWN LOCATION & MOUNT ONT TO THE WALL.
- 6. PLACE FIBER FROM DUCT INTO RISER PIPE AND INTO ONT.
- 7. LEAVE 5' OF SLACK INSIDE OF THE ONT. SLACK SHOULD BE LOOSELY STORED AND NOT LOOPED TIGHTLY.

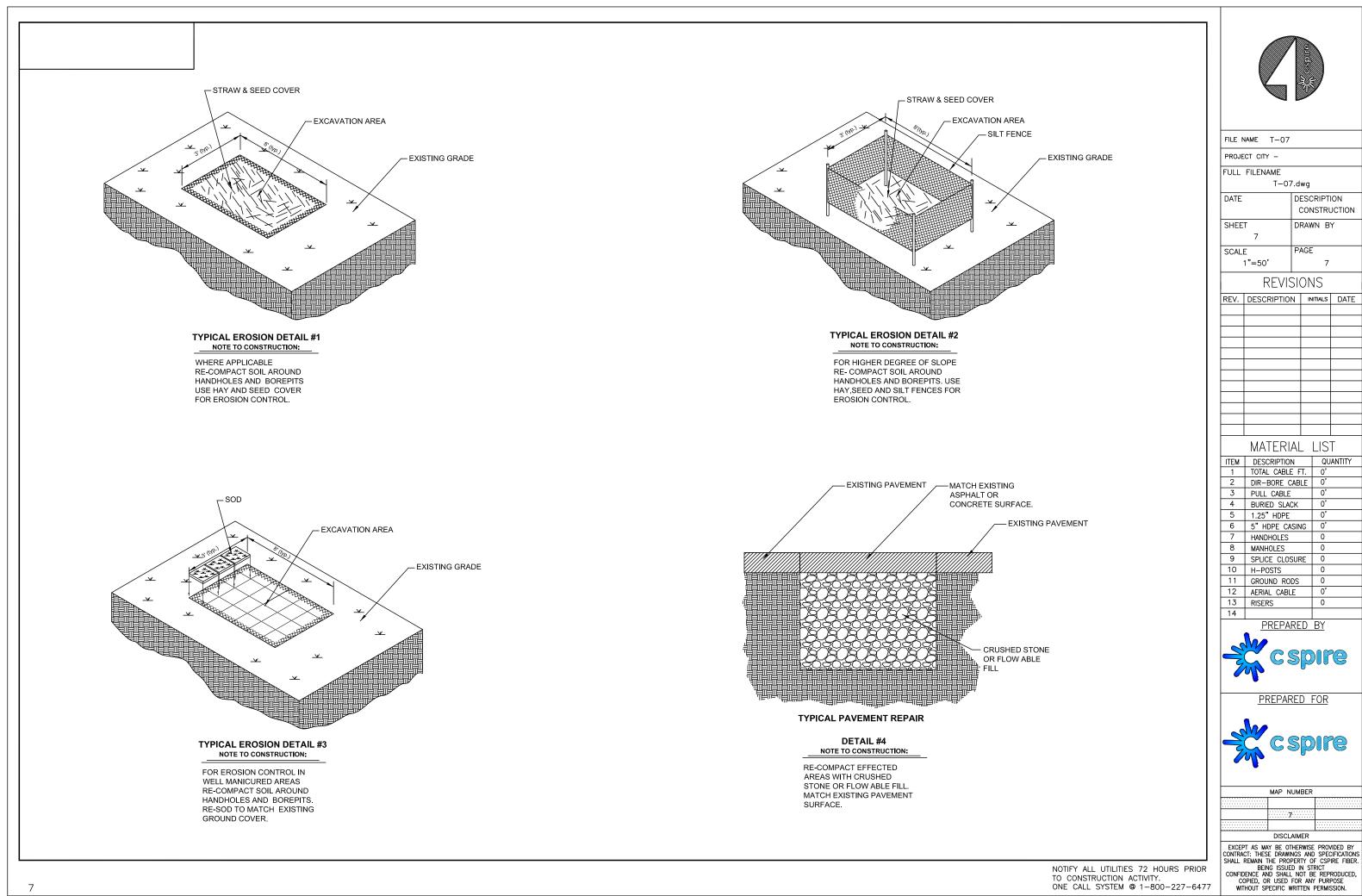
BUDI BOX, SKIRT & ONT COMBO OUTDOOR INSTALLATION COMPLETED INSTALL



- 5' SLACK LOOP
- UNION OF PIPE AND ONT
- RISER PIPE
- CONDUIT CLAMP

NOTIFY ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION ACTIVITY. ONE CALL SYSTEM @ 1-800-227-6477

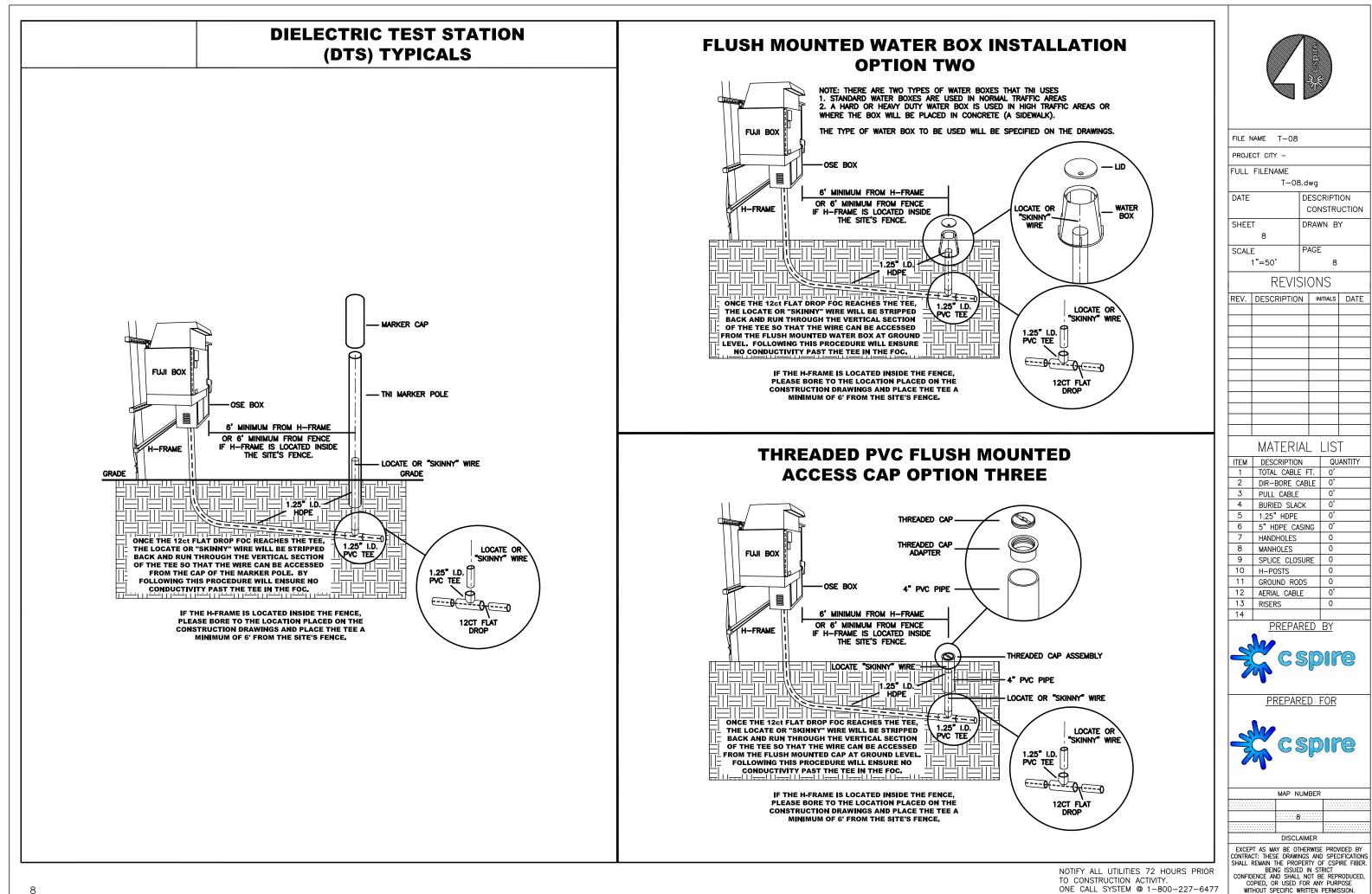
FILE N	IAME T-06						
	CT CITY -						
FULL FILENAME T-06.dwg							
DATE 03-10-16		DESCRIPTION CONSTRUCTION					
SHEE	T 6	DRAWN BY J.BUSBY					
SCALE	E 1"=50'	PAGE 6					
	REVIS	510	٩C	IS			
REV.	DESCRIPTIO	۷	IN	ITIALS	DATE		
		-					
		_					
		_					
		-					
	MATERI	ΑI		LIS	Г		
ITEM	DESCRIPTIO		-	QUANTITY			
1	TOTAL CABLE	F	_	0'			
2	DIR-BORE C	ABL	E	0' 0'			
4	PULL CABLE BURIED SLACK			0'			
5	1.25" HDPE			0'			
6		5" HDPE CASING		0'			
7	HANDHOLES			0			
9	MANHOLES SPLICE CLOS	0 SURF 0					
10	H-POSTS			0			
11	GROUND RO			0			
12 13	AERIAL CABL RISERS	E		0' 0			
14	MIJENJ			5			
	PREPA	RE	D	BY			
	PREPAR	REE)	FOR			
- c spire							
MAP NUMBER							
	MAP N	UME	∃ĽŔ				
	6						
		A 11					
DISCLAIMER EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT: THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF CSPIRE FIBER. BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE							
COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.							

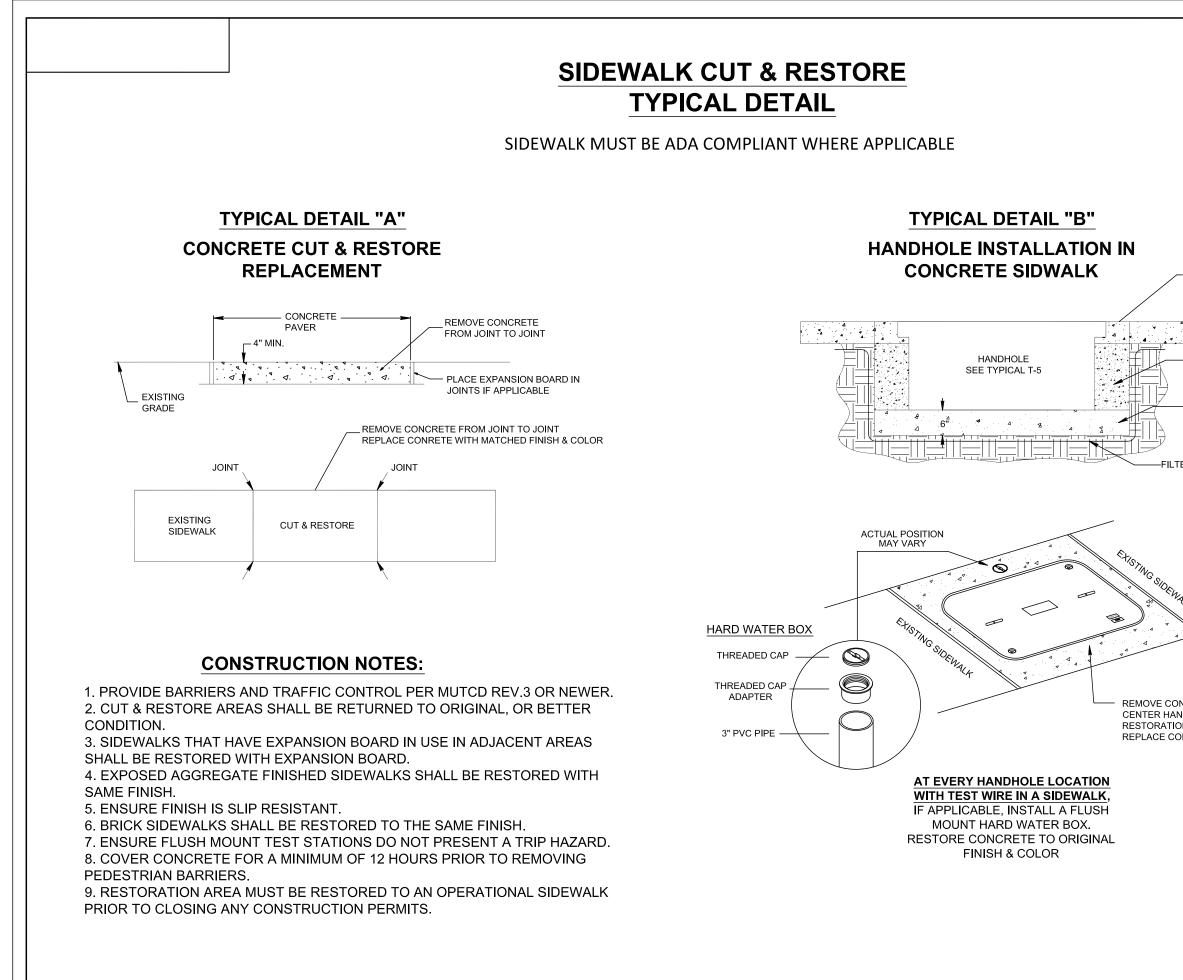


0'

0'

0'





			aspire (
	FILE NAME T-09					
	PROJECT CITY -					
	T-09.dwg					
	DATE			ORIPTI NSTRU	ION JCTION	
REMOVE AND REPLACE CONCRETE SIDEWALK	SHEE	T 9		WN B`	Y	
FROM JOINT TO JOINT *SEE CONSTRUCTION NOTES	SCALE 1"=50'		PAGE 9			
CONCRETE SIDEWALK		REV	ISION	١S		
	REV.	DESCRIPTIO	N ∎	NITIALS	DATE	
COMPACTED CRUSHED						
CONCRETE OR CRUSHED LIMESTONE			-			
IN 6" LAYERS						
CRUSHED LIMESTONE OR EQUIVALENT			-			
SUB-BASE						
ER FABRIC			_			
		MATER	IAL	LIS	Γ	
	ITEM	DESCRIPTI	LE FT. O'		ANTITY	
	1	TOTAL CAB				
	3	PULL CABL		0'		
	4	BURIED SL		0'		
K ₄	5	1.25" HDP		0' 0'		
·+	7	HANDHOLES		0		
	8	MANHOLES		0		
	9	SPLICE CLO	JSURE	0		
	11	GROUND R	ODS	0		
	12	AERIAL CAE	3LE	0'		
NCRETE FROM JOINT TO JOINT,	13	RISERS		0		
DHOLE AS MUCH AS POSSIBLE BEFORE		PREP/	ARED	BY		
N. NRETE WITH MATCHED FINISH & COLOR.	- Color	C	Sp))(Ĉ	
		PREPA	RED	FOR		
	- spire					
		MAP	NUMBER	<u>}</u>		
			9			
	FXCFF	DISC PT AS MAY BE (LAIMER	E PROV	IDED BY	
NOTIFY ALL UTILITIES 72 HOURS PRIOR	CONTRA SHALL	CT: THESE DRAV REMAIN THE PR BEING ISSU DENCE AND SHA	WINGS AN OPERTY (D SPEC	IFICATIONS	
TO CONSTRUCTION ACTIVITY. ONE CALL SYSTEM @ 1-800-227-6477		DPIED, OR USED HOUT SPECIFIC) FOR AN	iy purf	POSE	

