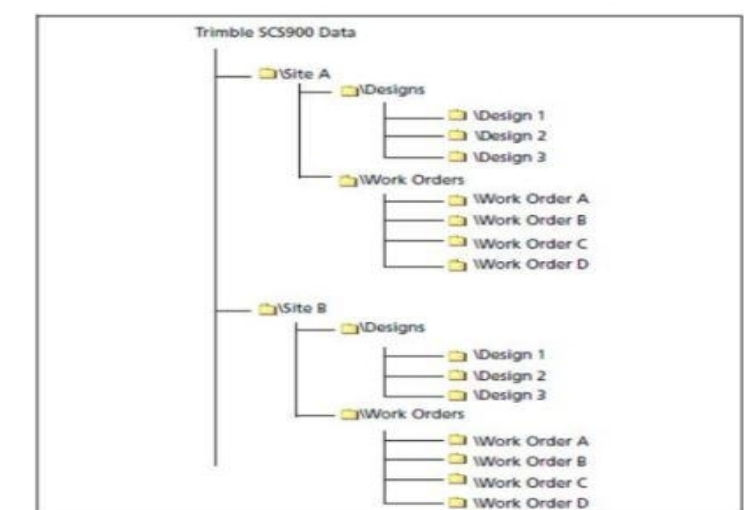


The file folder structure created on the office computer by the Trimble Business Center software exactly mirrors the file folder structure on the controllers, which makes it easy to manage and archive data between the computer and the controllers. Data is organized by project. Within each project, data is divided into designs and work orders.

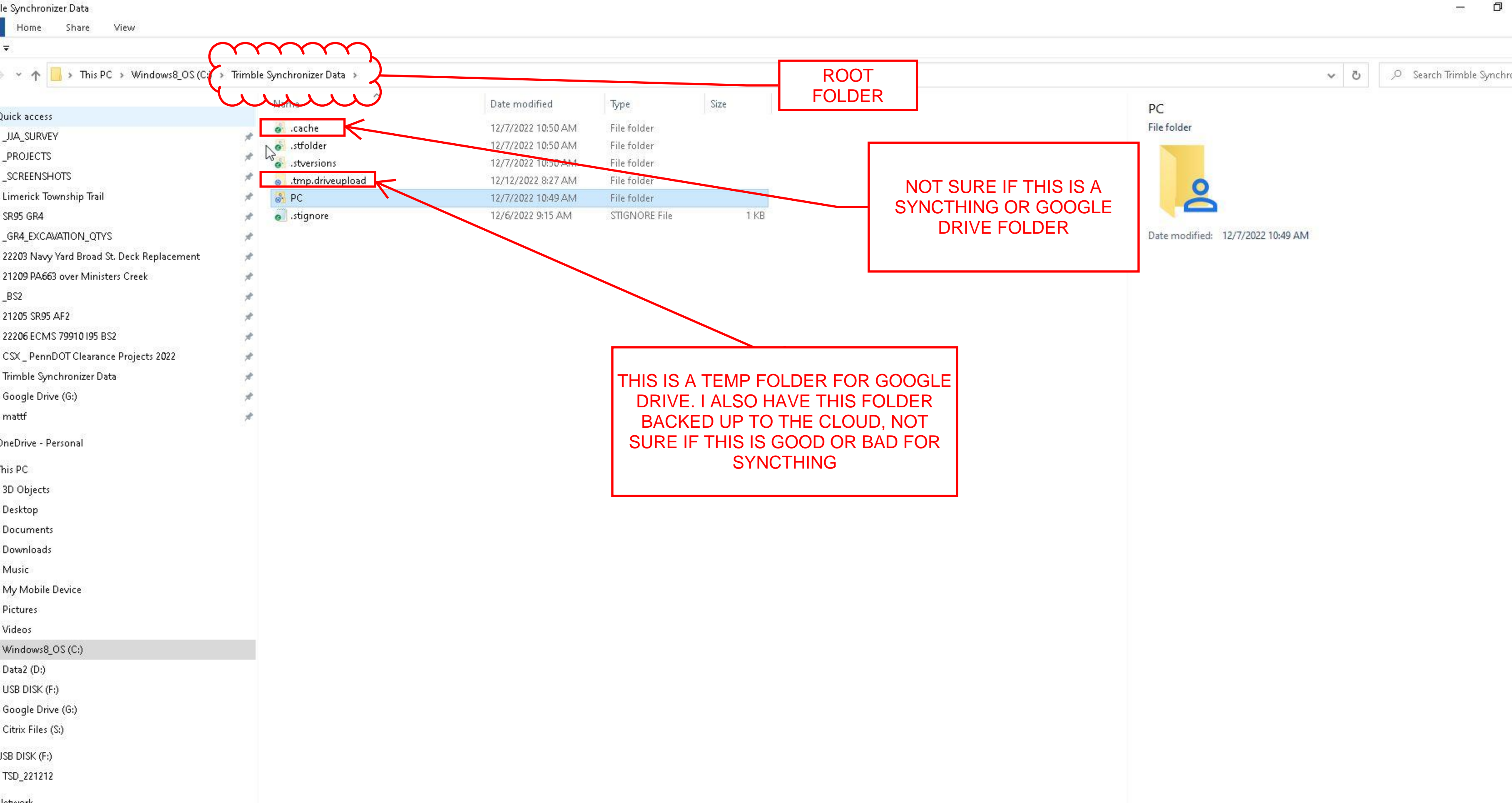


Work orders can be created directly in Siteworks or exported from the Trimble Business Center software. Creating a work order in the Trimble Business Center software allows for the assignment of the necessary design, surface offsets, measurement tolerances, instructions, coverage map grid size, and continuous measurement settings. Keeping data

I WOULD LIKE TO TRY AND EXPLAIN OUR APPLICATION OF SYNCHING THE BEST I CAN. WE ARE SURVEYORS, WORKING ON MOSTLY HIGHWAY CONSTRUCTION PROJECTS. I AM THE LEAD SURVEYOR. I PREPARE DATA IN THE OFFICE TO MAKE AVAILABLE TO MY FIELD CREWS, AND ALSO THE FIELD CREW COLLECTS DATA THAT HAS TO BE SENT TO ME. WE ALL SHARE THE SAME FILES, AND SAME FILE STRUCTURE. ABOVE IS AN EXAMPLE OF OUR FILE STRUCTURE IN WINDOWS, TO THE RIGHT IS AN EXAMPLE FROM THE SOFTWARE MANUAL. THE SOFTWARE WE USE IS MADE FROM A COMPANY CALLED TRIMBLE. THE FIELD SOFTWARE IS CALLED SITEWORKS, AND THE OFFICE SOFTWARE IS CALLED BUSINESS CENTER, BASICALLY THE OFFICE SOFTWARE IS LIKE AUTOCAD WHERE EVERYTHING IS DRAWN AND CALCULATED. ALL THE FIELD COMPUTERS ARE WINDOWS 10 DEVICES AS SEEN TO THE RIGHT HERE.--->. THE OFFICE DATA IS WHAT IS IN THE DESIGNS FOLDER, WHICH ARE USUALLY .CSV, .DXF, .VLC, .TTM FILES. NO .TXT FILES. THE FILES THAT ARE FROM THE FIELD ARE THE .SPJ FILES, AND SOMETIMES PDF FILES IN THE OUTPUT FOLDER FOR THE WORK ORDERS. THE SPJ FILES ARE WRITTEN TO AS FIELD DATA IS ACQUIRED FOR EACH INDIVIDUAL WORK ORDER.



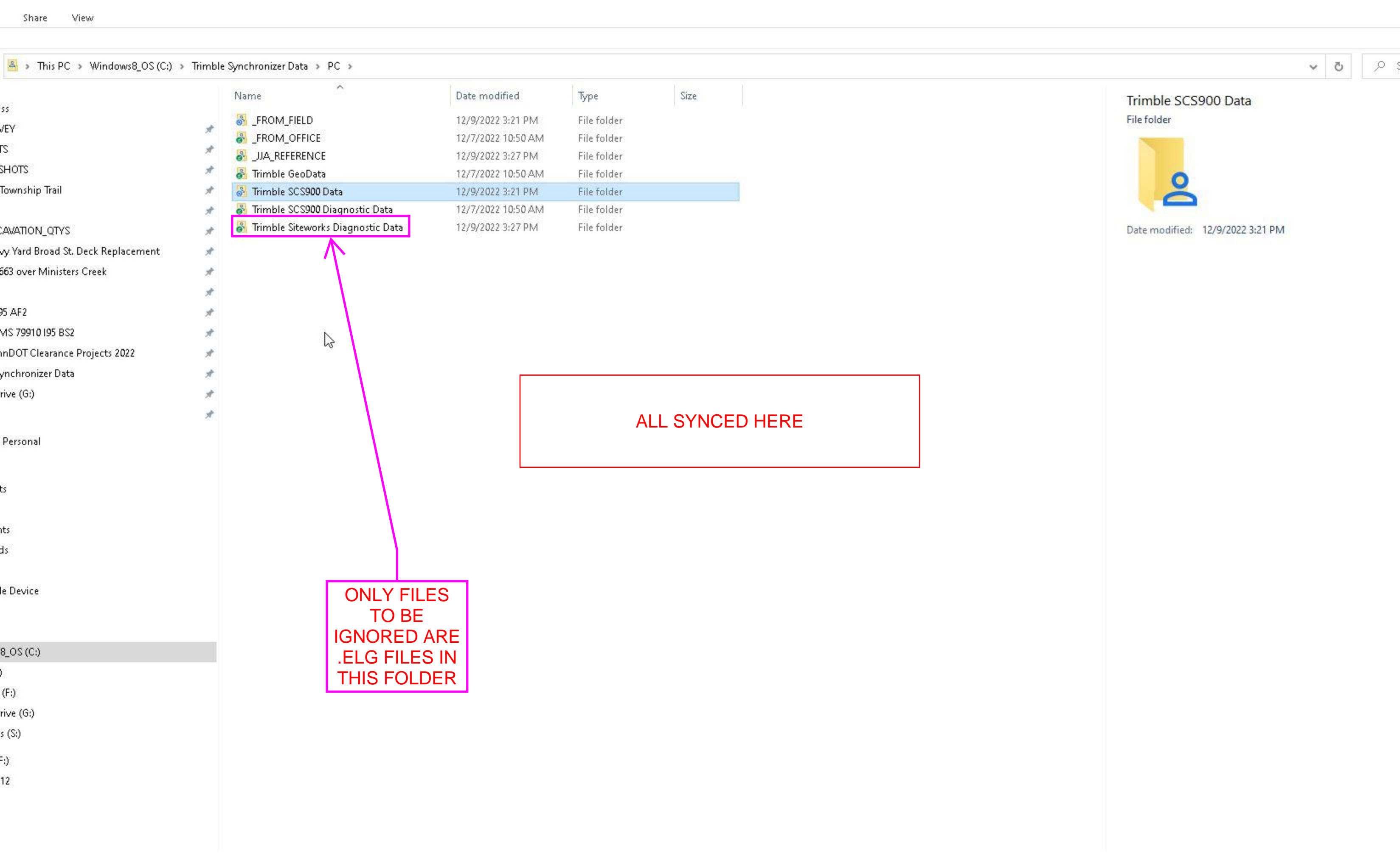
Level	Description
Global	Global information is used at all sites. It includes lists of feature codes and Geoid files, and software information such as last connected site.
Project	Project information relates to all activities at the specified site. It includes control points, site calibration results, and background maps. Project information is always available.
Design	Inside each project, a main Designs folder holds individual design folders that contain design data pertaining to the project. Design data relates to a particular phase of construction. Data stored at this level includes foreground maps, stakeout data, and design surface models.
Work Order	Inside each project, a main Work Orders folder holds individual work order folders. This is where the measured data, and any exported data are stored.



ROOT  
FOLDER

NOT SURE IF THIS IS A  
SYNCTHING OR GOOGLE  
DRIVE FOLDER

THIS IS A TEMP FOLDER FOR GOOGLE  
DRIVE. I ALSO HAVE THIS FOLDER  
BACKED UP TO THE CLOUD, NOT  
SURE IF THIS IS GOOD OR BAD FOR  
SYNCTHING




Name	Date modified	Type	Size
_FROM_FIELD	12/9/2022 3:21 PM	File folder	
_FROM_OFFICE	12/7/2022 10:50 AM	File folder	
_JJA_REFERENCE	12/9/2022 3:27 PM	File folder	
Trimble GeoData	12/7/2022 10:50 AM	File folder	
Trimble SCS900 Data	12/9/2022 3:21 PM	File folder	
Trimble SCS900 Diagnostic Data	12/7/2022 10:50 AM	File folder	
Trimble Siteworks Diagnostic Data	12/9/2022 3:27 PM	File folder	

ALL SYNCED HERE

ONLY FILES  
TO BE  
IGNORED ARE  
.ELG FILES IN  
THIS FOLDER

Trimble SCS900 Data

File folder



Date modified: 12/9/2022 3:21 PM



Trimble SCS900 Data

HomeShareView

→↶↷

This PC > Windows8\_OS (C:) > Trimble Synchronizer Data > PC > Trimble SCS900 Data >

Search Trimble SCS900 Data

Quick access

\_JJA\_SURVEY

\_PROJECTS

\_SCREENSHOTS

Limerick Township Trail

SR95 GR4

\_GR4\_EXCAVATION\_QTYS

22203 Navy Yard Broad St. Deck Replacement

21209 PA663 over Ministers Creek

\_BS2

21205 SR95 AF2

22206 ECMS 79910 I95 BS2

CSX\_PennDOT Clearance Projects 2022

Trimble Synchronizer Data

Google Drive (G:)

matff

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

My Mobile Device

Pictures

Videos

Windows8\_OS (C:)

Data2 (D:)

Google Drive (G:)

Citrix Files (S:)

Network

Name	Date modified	Type	Size
_ARCHIVE	12/6/2022 9:18 AM	File folder	
AF2_2021	12/6/2022 9:17 AM	File folder	
BS2_2022	12/6/2022 9:17 AM	File folder	
CSX_BOONE_TUNNEL	12/5/2022 12:49 PM	File folder	
CSX_CHICHESTER	12/5/2022 12:49 PM	File folder	
CSX_CLIFTON	12/5/2022 12:49 PM	File folder	
CSX_WOODLAND	12/5/2022 12:49 PM	File folder	
GR3_2019	12/6/2022 9:16 AM	File folder	
GR4_2020	12/5/2022 12:49 PM	File folder	
GR4_2021	12/5/2022 12:49 PM	File folder	
GR4_2021_TSC3	12/5/2022 12:49 PM	File folder	
GR4_2022	12/5/2022 12:49 PM	File folder	
GR4_2023	12/5/2022 12:49 PM	File folder	
HANOVER	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD	12/6/2022 9:16 AM	File folder	
NAVY_YARD	12/7/2022 7:16 AM	File folder	
PECO_CIVIC	12/5/2022 12:49 PM	File folder	
PHL_CSP	12/6/2022 1:23 PM	File folder	
RIVERSIDE_2022	12/6/2022 1:29 PM	File folder	
RON_APRON	12/5/2022 3:22 PM	File folder	
SEPTA_15_95	12/5/2022 12:49 PM	File folder	
SEPTA_18_52	12/5/2022 12:49 PM	File folder	
SEPTA_18_91	12/5/2022 12:49 PM	File folder	
SIA SOUTH PLANT	12/5/2022 12:49 PM	File folder	
AllSites.xml	12/7/2022 7:16 AM	XML Document	24 KB
JJAlogofin.jpg	6/20/2022 12:22 PM	JPG File	100 KB

26 items

MAIN FOLDER, SAME ON ALL DEVICES

CURRENT IGNORE FILE SETTINGS

THESE ARE THE CURRENT IGNORE FILE SETTINGS I HAVE, BUT THEY MAY BE INCORRECT. THE ARCHIVE PATTERN IS FOR THE "HUB" PC ONLY, SO I HAVE A PLACE TO PUT ALL THE OLD JOBS, SO THEY ARE NOT TAKING UP SPACE ON THE FIELD COMPUTERS.

PROJECTS ALL SYNCED

IGNORED

Ignore Patterns

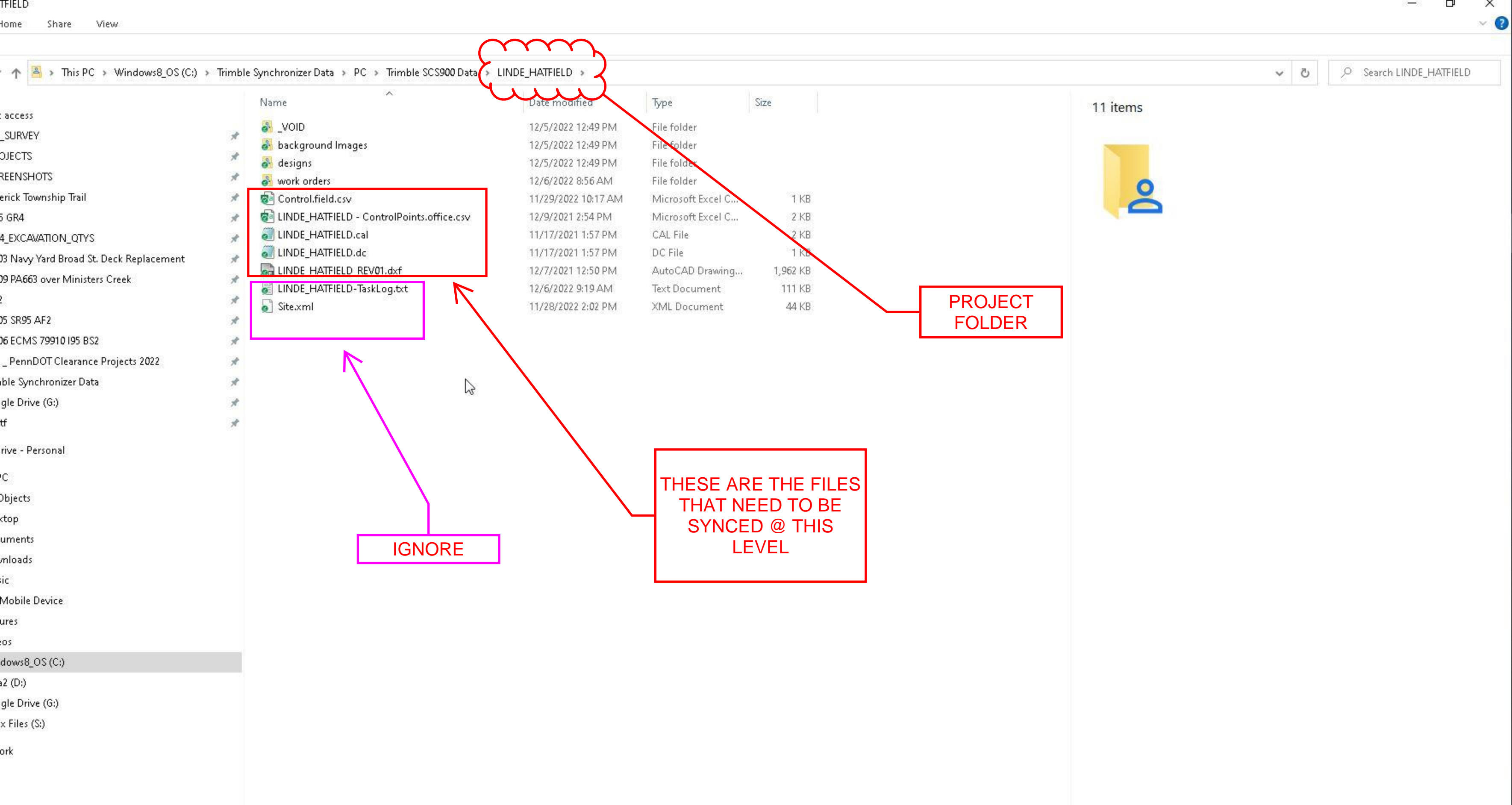
Enter ignore patterns, one per line.

(?d)allsites.xml  
(?d)site.xml  
(?d)/PC/Trimble SCS900 Data/\*.txt  
(?d)\*.elg  
(?d)/PC/Trimble SCS900 Data/\_Archive

Quick guide to supported patterns (full documentation):  
(?d) Prefix indicating that the file can be deleted if preventing directory removal  
(?i) Prefix indicating that the pattern should be matched without case sensitivity  
! Inversion of the given condition (i.e. do not exclude)  
\* Single level wildcard (matches within a directory only)  
\*\* Multi level wildcard (matches multiple directory levels)  
// Comment, when used at the start of a line

Editing C:\Trimble Synchronizer Data\stignore.

RemoveSaveClose





Background Images

FileHomeShareView

Background Images

Search background Images

Quick access

\_JJA\_SURVEY

\_PROJECTS

\_SCREENSHOTS

Limerick Township Trail

SR95 GR4

\_GR4\_EXCAVATION\_QTYS

22203 Navy Yard Broad St. Deck Replacement

21209 PA663 over Ministers Creek

\_BS2

21205 SR95 AF2

22206 ECMS 79910 I95 BS2

CSX\_ PennDOT Clearance Projects 2022

Trimble Synchronizer Data

Google Drive (G:)

mattf

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

My Mobile Device

Pictures

Videos

Windows8\_OS (C:)

Data2 (D:)

Google Drive (G:)

Citrix Files (S:)

Network

Background Images

Search background Images

89 items

Name	Date modified	Type	Size
_VOID	12/5/2022 12:49 PM	File folder	
D_2200004.jgw	12/2/2021 1:43 PM	JGW File	1 KB
D_2200004.jpg	12/2/2021 1:43 PM	JPG File	2,449 KB
D_2200004.kml	12/2/2021 1:43 PM	KML	1 KB
LINDE_HATFIELD_COVER_SHEET.jgw	12/21/2021 11:36 AM	JGW File	1 KB
LINDE_HATFIELD_COVER_SHEET.jpg	12/21/2021 11:36 AM	JPG File	4,892 KB
LINDE_HATFIELD_COVER_SHEET.kml	12/21/2021 11:36 AM	KML	1 KB
LINDE_HATFIELD_PAVE_000.jgw	11/28/2021 11:36 AM	JGW File	1 KB
LINDE_HATFIELD_PAVE_000.jpg	11/28/2021 11:36 AM	JPG File	4,892 KB
LINDE_HATFIELD_PAVE_000.jpg.kml	11/28/2021 11:36 AM	KML	1 KB
LINDE_HATFIELD_PAVE_001.jgw	11/28/2021 11:36 AM	JGW File	1 KB
LINDE_HATFIELD_PAVE_001.jpg	11/28/2021 11:36 AM	JPG File	4,892 KB
LINDE_HATFIELD_PAVE_001.jpg.kml	11/28/2021 11:36 AM	KML	1 KB
RT_2160_002_R1.jgw	11/22/2021 9:51 AM	JGW File	1 KB
RT_2160_002_R1.jpg	11/22/2021 9:51 AM	JPG File	6,248 KB
RT_2160_002_R1.kml	11/22/2021 9:51 AM	KML	1 KB
SC_0500_003_R1.jgw	11/22/2021 9:56 AM	JGW File	1 KB
SC_0500_003_R1.jpg	11/22/2021 9:56 AM	JPG File	2,141 KB
SC_0500_003_R1.kml	11/22/2021 9:56 AM	KML	1 KB
ZA_0200_001_R3.jgw	11/24/2021 12:26 PM	JGW File	1 KB
ZA_0200_001_R3.jpg	11/24/2021 12:26 PM	JPG File	1,700 KB
ZA_0200_001_R3.kml	11/24/2021 12:26 PM	KML	1 KB
ZA_0200_002_R3.jgw	11/19/2021 11:51 AM	JGW File	1 KB
ZA_0200_002_R3.jpg	11/19/2021 11:51 AM	JPG File	1,502 KB
ZA_0200_002_R3.kml	11/19/2021 11:51 AM	KML	1 KB
ZA_0500_005_R3.jgw	11/19/2021 11:40 AM	JGW File	1 KB
ZA_0500_005_R3.jpg	11/19/2021 11:40 AM	JPG File	4,868 KB
ZA_0500_005_R3.kml	11/19/2021 11:40 AM	KML	1 KB
ZA_0500_009_R3.jgw	11/28/2021 1:32 PM	JGW File	1 KB
ZA_0500_009_R3.jpg	11/28/2021 1:32 PM	JPG File	3,098 KB
ZA_0500_009_R3.kml	11/28/2021 1:32 PM	KML	1 KB
ZA_0500_010_R2.jgw	11/19/2021 11:49 AM	JGW File	1 KB
ZA_0500_010_R2.jpg	11/19/2021 11:49 AM	JPG File	3,295 KB
ZA_0500_010_R2.kml	11/19/2021 11:49 AM	KML	1 KB
ZA_0500_010_R3.jgw	11/28/2021 2:00 PM	JGW File	1 KB
ZA_0500_010_R3.jpg	11/28/2021 2:00 PM	JPG File	1,868 KB
ZA_0500_010_R3.kml	11/28/2021 2:00 PM	KML	1 KB
ZA_0500_051_053_R3.jgw	11/29/2021 1:17 PM	JGW File	1 KB
ZA_0500_051_053_R3.jpg	11/29/2021 1:17 PM	JPG File	890 KB
ZA_0500_051_053_R3.kml	11/29/2021 1:17 PM	KML	1 KB
ZA_0500_051_053_R4.jgw	1/7/2022 11:41 AM	JGW File	1 KB
ZA_0500_051_053_R4.jpg	1/7/2022 11:41 AM	JPG File	1,515 KB
ZA_0500_051_053_R4.jpg.kml	1/7/2022 11:41 AM	KML	1 KB

ALL SYNCED HERE

esigns

FileHomeShareView

→↶↷This PC> Windows8\_OS (C:)> Trimble Synchronizer Data> PC> Trimble SCS900 Data> LINDE\_HATFIELD> designs

Search designs

★ Quick access

\_JJA\_SURVEY

\_PROJECTS

\_SCREENSHOTS

Limerick Township Trail

SR95 GR4

\_GR4\_EXCAVATION\_QTYS

22203 Navy Yard Broad St. Deck Replacement

21209 PA663 over Ministers Creek

\_BS2

21205 SR95 AF2

22206 ECMS 79910 I95 BS2

CSX\_PennDOT Clearance Projects 2022

Trimble Synchronizer Data

Google Drive (G:)

mattf

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

My Mobile Device

Pictures

Videos

Windows8\_OS (C:)

Data2 (D:)

Google Drive (G:)

Citrix Files (S:)

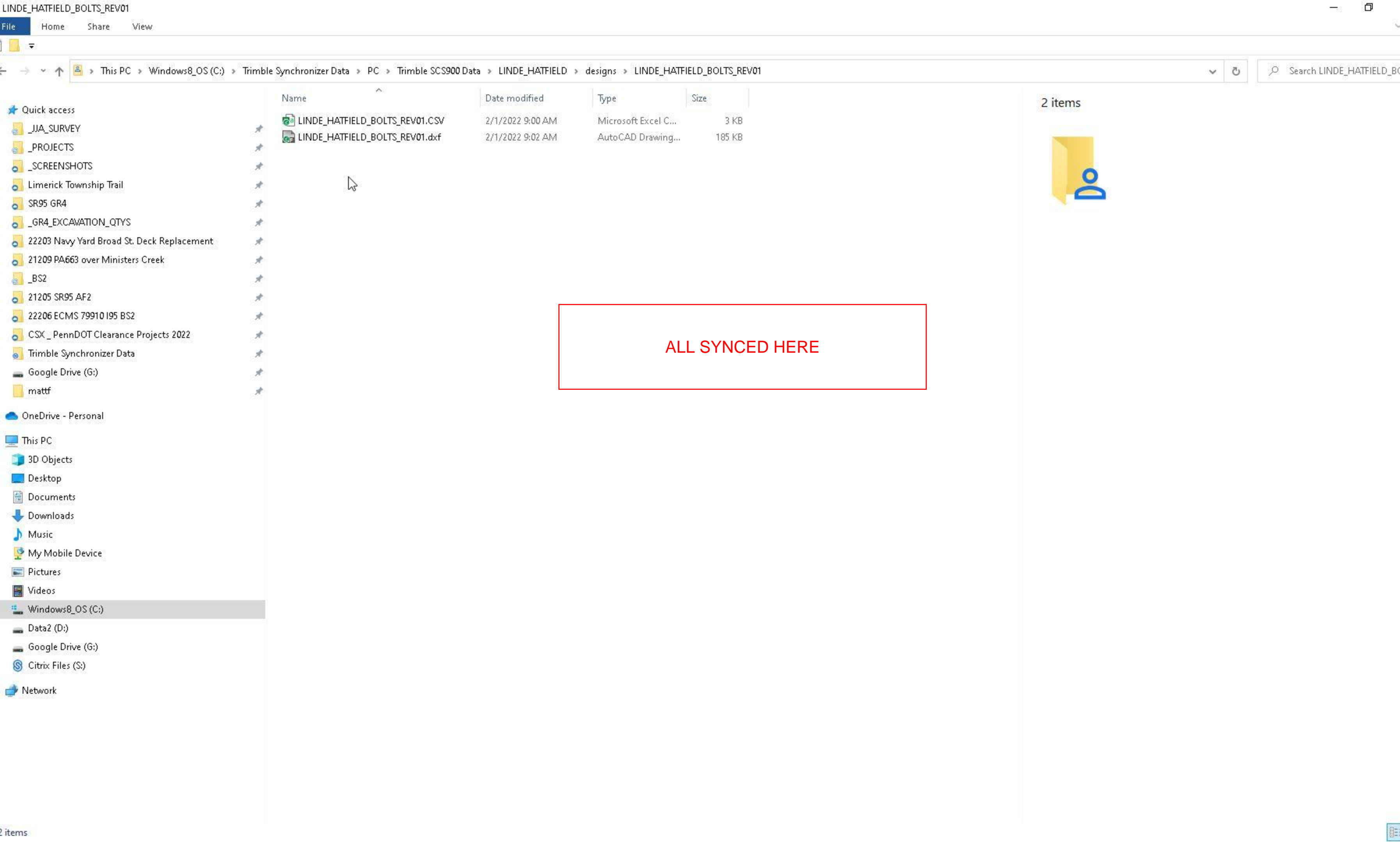
Network

Name	Date modified	Type	Size
_ARCHIVE	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_211119A	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_BOLTS_REV00	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_BOLTS_REV01	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_BOLTS_REV02	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_CAL	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_CONDUIT_REV00	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_FTGS_REV00	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_FTGS_REV01	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_FTGS_REV02	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_FTGS_REV03	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_PAVE_REV00	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_PAVE_REV01	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_PIPING_FIELD_CALC	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_PIPING_REV00	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_VD_REV00	12/5/2022 12:49 PM	File folder	
LINDE_HATFIELD_VD_REV01	12/5/2022 12:49 PM	File folder	

17 items

IGNORE

ALL SYNCED HERE



This PC > Windows8\_OS (C:) > Trimble Synchronizer Data > PC > Trimble SCS900 Data > LINDE\_HATFIELD > designs > LINDE\_HATFIELD\_BOLTS\_REV01

## Quick access

- \_JJA\_SURVEY
- \_PROJECTS
- \_SCREENSHOTS
- Limerick Township Trail
- SR95 GR4
- \_GR4\_EXCAVATION\_QTYS
- 22203 Navy Yard Broad St. Deck Replacement
- 21209 PA663 over Ministers Creek
- \_BS2
- 21205 SR95 AF2
- 22206 ECMS 79910 I95 BS2
- CSX\_PennDOT Clearance Projects 2022
- Trimble Synchronizer Data
- Google Drive (G:)
- mattf

## OneDrive - Personal

- This PC
- 3D Objects
- Desktop
- Documents
- Downloads
- Music
- My Mobile Device
- Pictures
- Videos
- Windows8\_OS (C:)
- Data2 (D:)
- Google Drive (G:)
- Citrix Files (S:)
- Network

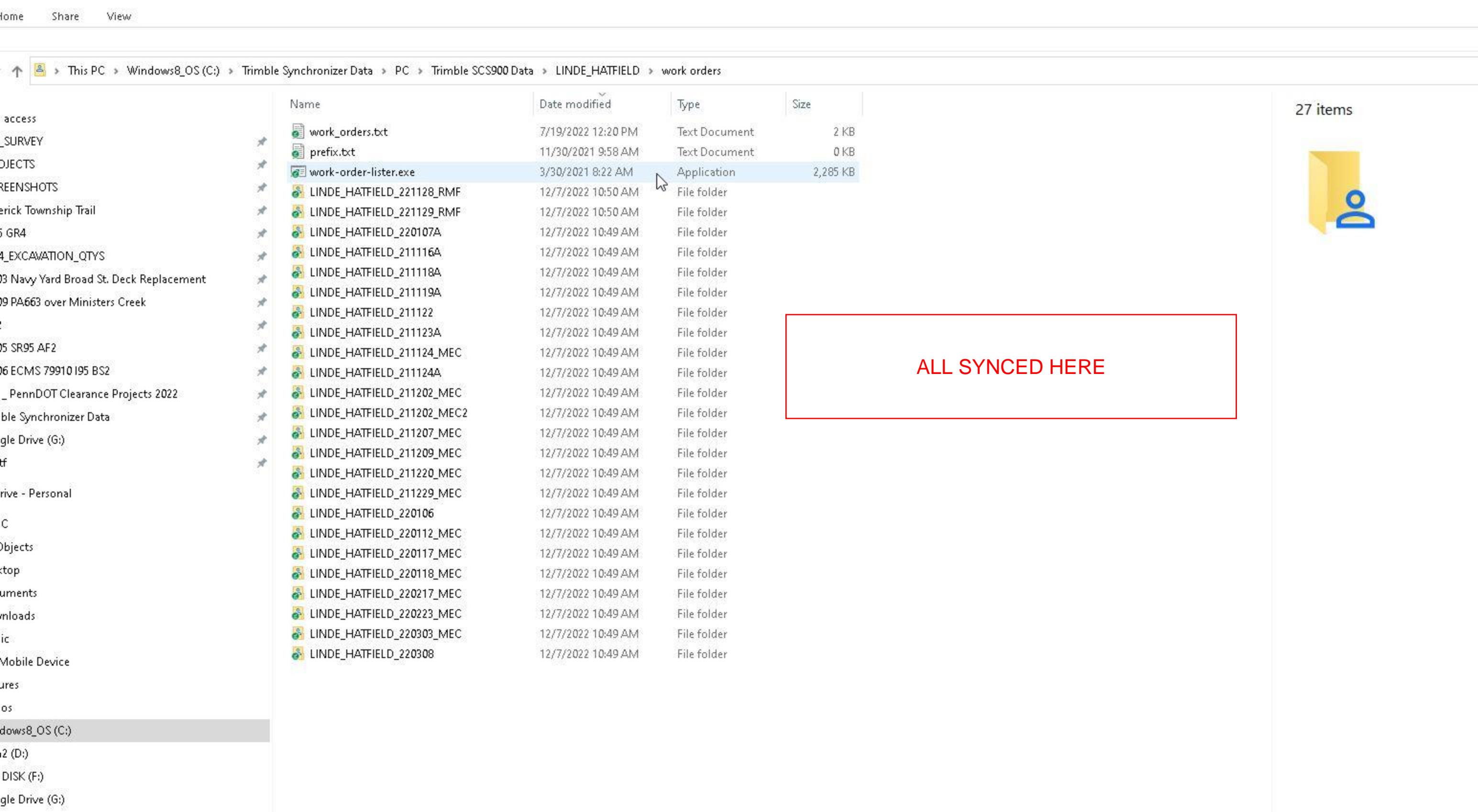
Name	Date modified	Type	Size
LINDE_HATFIELD_BOLTS_REV01.CSV	2/1/2022 9:00 AM	Microsoft Excel C...	3 KB
LINDE_HATFIELD_BOLTS_REV01.dxf	2/1/2022 9:02 AM	AutoCAD Drawing...	185 KB

2 items



ALL SYNCED HERE





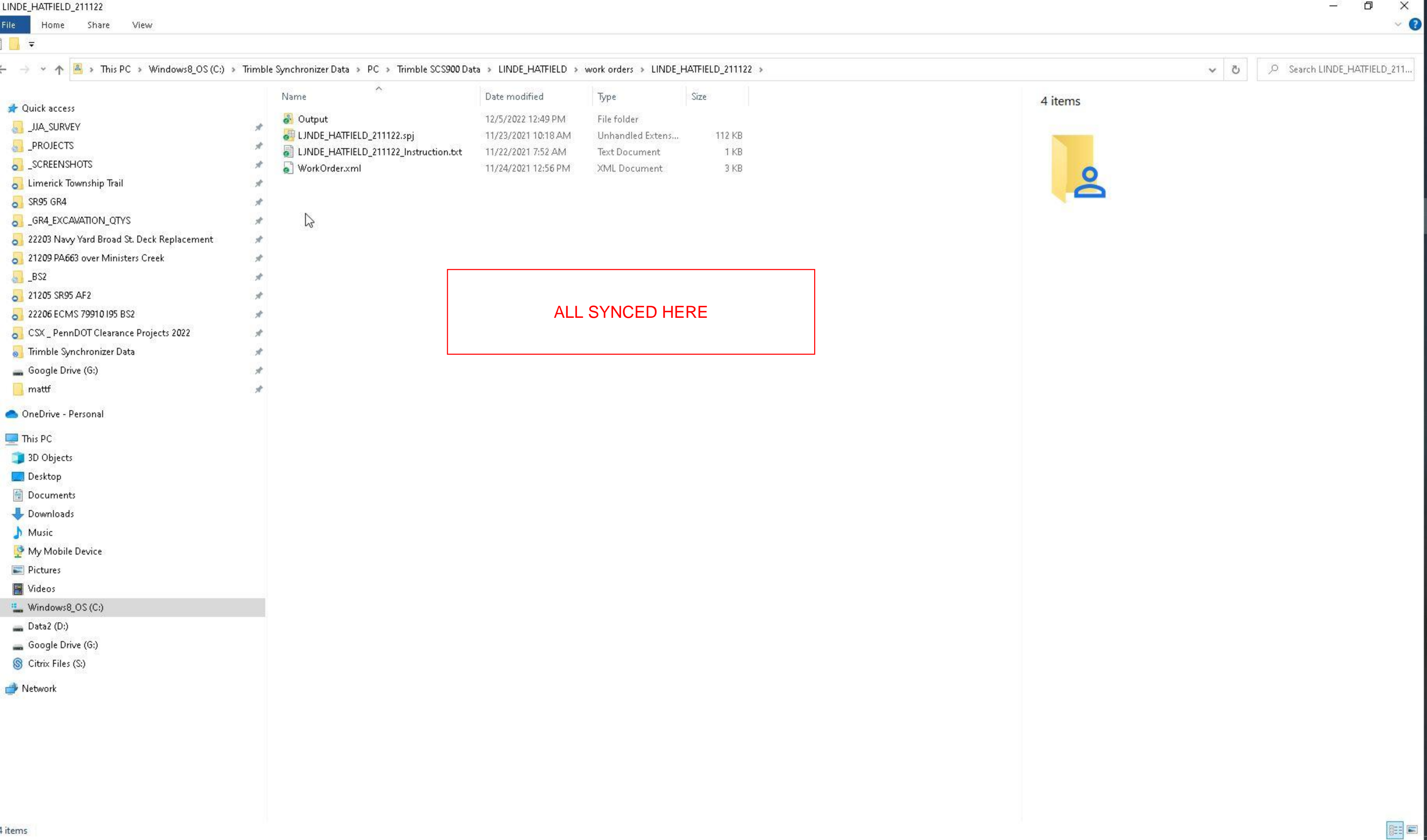
- access
- \_SURVEY
- OBJECTS
- REENSHOTS
- erick Township Trail
- 5 GR4
- 4\_EXCAVATION\_QTYS
- 03 Navy Yard Broad St. Deck Replacement
- 09 PA663 over Ministers Creek
- 05 SR95 AF2
- 06 ECMS 79910 I95 BS2
- \_ PennDOT Clearance Projects 2022
- ble Synchronizer Data
- gle Drive (G:)
- tf
- rive - Personal
- C
- Objects
- ktop
- uments
- nloads
- ic
- Mobile Device
- ures
- os
- indows8\_OS (C:)
- 2 (D:)
- DISK (F:)
- gle Drive (G:)

Name	Date modified	Type	Size
work_orders.txt	7/19/2022 12:20 PM	Text Document	2 KB
prefix.txt	11/30/2021 9:58 AM	Text Document	0 KB
work-order-list.exe	3/30/2021 8:22 AM	Application	2,285 KB
LINDE_HATFIELD_221128_RMF	12/7/2022 10:50 AM	File folder	
LINDE_HATFIELD_221129_RMF	12/7/2022 10:50 AM	File folder	
LINDE_HATFIELD_220107A	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211116A	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211118A	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211119A	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211122	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211123A	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211124_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211124A	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211202_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211202_MEC2	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211207_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211209_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211220_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_211229_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220106	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220112_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220117_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220118_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220217_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220223_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220303_MEC	12/7/2022 10:49 AM	File folder	
LINDE_HATFIELD_220308	12/7/2022 10:49 AM	File folder	

ALL SYNCED HERE

27 items





This PC > Windows8\_OS (C:) > Trimble Synchronizer Data > PC > Trimble SCS900 Data > LINDE\_HATFIELD > work orders > LINDE\_HATFIELD\_211122

Search LINDE\_HATFIELD\_211...

- Quick access
- \_JA\_SURVEY
- \_PROJECTS
- \_SCREENSHOTS
- Limerick Township Trail
- SR95 GR4
- \_GR4\_EXCAVATION\_QTYS
- 22203 Navy Yard Broad St. Deck Replacement
- 21209 PA663 over Ministers Creek
- \_BS2
- 21205 SR95 AF2
- 22206 ECMS 79910 I95 BS2
- CSX\_PennDOT Clearance Projects 2022
- Trimble Synchronizer Data
- Google Drive (G:)
- mattf
- OneDrive - Personal
- This PC
- 3D Objects
- Desktop
- Documents
- Downloads
- Music
- My Mobile Device
- Pictures
- Videos
- Windows8\_OS (C:)
- Data2 (D:)
- Google Drive (G:)
- Citrix Files (S:)
- Network

Name	Date modified	Type	Size
Output	12/5/2022 12:49 PM	File folder	
LJNDE_HATFIELD_211122.spj	11/23/2021 10:18 AM	Unhandled Extens...	112 KB
LJNDE_HATFIELD_211122_Instruction.txt	11/22/2021 7:52 AM	Text Document	1 KB
WorkOrder.xml	11/24/2021 12:56 PM	XML Document	3 KB

ALL SYNCED HERE

4 items



