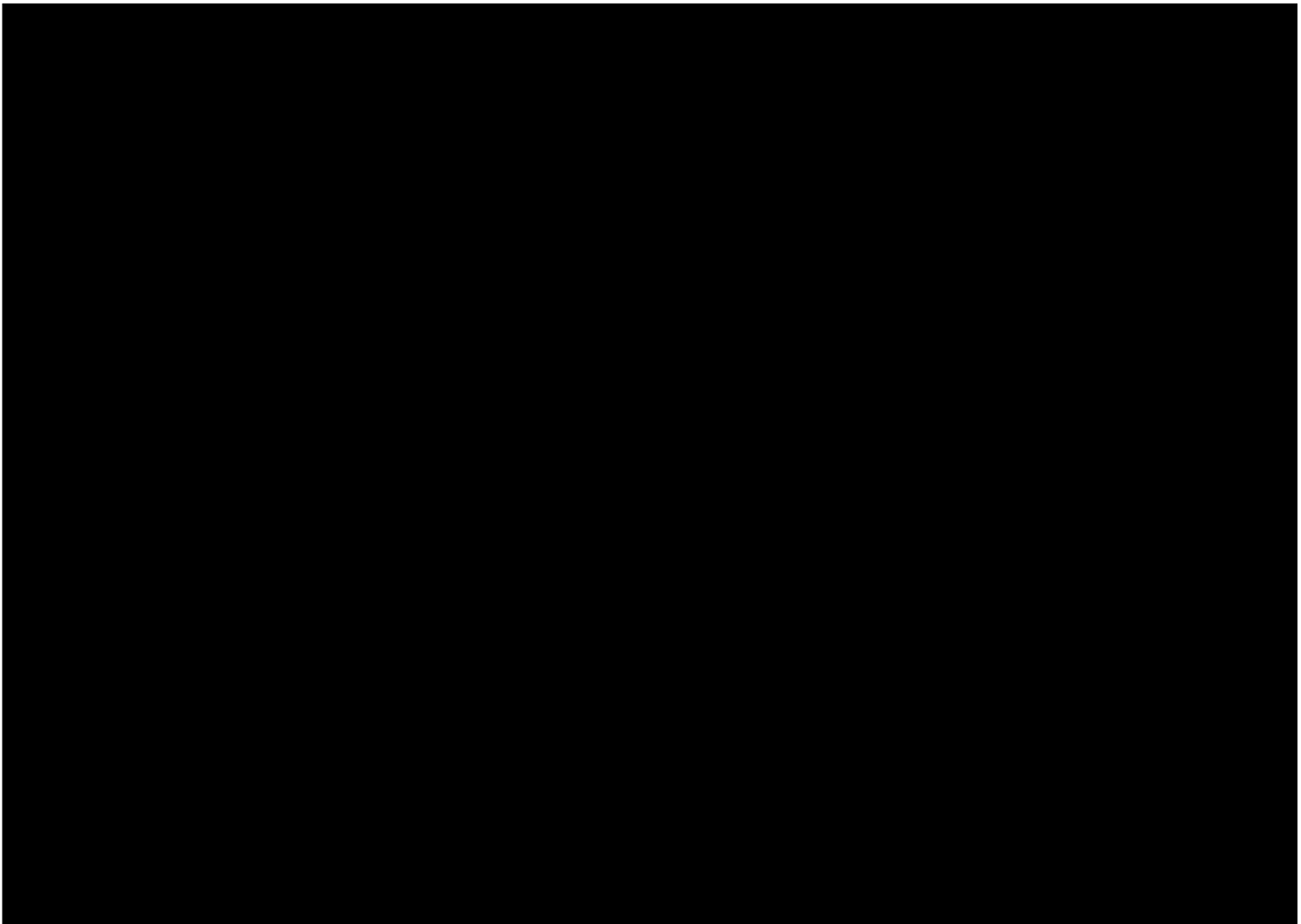




From: Euan Clark - Folkes Architects [REDACTED]
Sent: 25 November 2019 16:48
To: Anita Gardner <Anita.Gardner@arun.gov.uk>
Subject: FW: 10053: Toddington Lane Littlehampton, Arun District, BN17 7PN APP/C3810/W/18/3197149 (LU/162/17/PL) Condition 14

Good afternoon Anita,

Apologises for the delay in addressing Condition 14 -- the projects civil engineer has been in touch with WSCC highways, as per the email below, but it turns out that Tim Townsend, who raised the original comments is on annual leave and WSCC have not yet confirmed, who if anyone, is looking at it on his behalf.

Please can I ask for another week or so to get this resolved -- as you can see, things are moving, but we are at the mercy of WSCC.

Kind Regards

Euan

From: Andrew Tanner [REDACTED]
Sent: Tuesday, November 19, 2019 12:46 PM
To: [REDACTED]
Cc: Euan Clark - Folkes Architects <[REDACTED]>

Subject: 10053: Toddington Lane Littlehampton, Arun District, BN17 7PN APP/C3810/W/18/3197149
(LU/162/17/PL) Condition 14

Hi Tim,

I am contacting you in regards to the development at Toddington Lane (LU/162/17/PL) and condition 14. In your comments on 15th October 2019 you asked for A visibility splay of 2.0m * 66m in both directions at the western end of the proposed footway. This was to ensure any pedestrians crossing in this location have sufficient visibility to see any oncoming cars. The 66m visibility splay is achievable looking west but not looking east.

We have had a speed survey completed on Toddington Lane to assess if the 30mph speed limit you based the visibility splay on was accurate to the actual speeds. Please see the ATC data attached. The ATC indicates that the mean speed for westbound traffic is 24mph and the 85thile speed is 28mph (7 day mean). It should be noted that the position of the ATC was further to the west than the position of the proposed crossing and is likely in a location where vehicles are accelerating out of the corner. The vehicles speeds at the proposed crossing point are actually likely to be lower than 28mph.

I note that section 4 of WSCC design guide states that lightly trafficked residential roads have 85thile speeds below 37mph, can have MfS1 standards applied. As this is the case for Toddington Lane, the 66m visibility splay is likely in excess of the stopping sight distance for westbound vehicles will need to see pedestrians. Using MfS1 standards and the recorded 28mph 85thile speed there is a stopping sight distance requirement of 39m.

I also note that the visibility splay asked for is from 2.0m, the proposed footway is 2m in width and it is unlikely a pedestrian would be stood on the back edge of the footway, would a visibility splay from 1.0m be acceptable as this is likely to be more reflective of a pedestrians position on the footway.

With the above in mind I would suggest a 1.0m * 39m visibility splay should be acceptable and allow for the crossing point to function safely. Please see update site layout with the visibility splays, I have shown 66m looking westwards as this is achievable and 39m is achievable looking east. Please note I have shown the 39m visibility splay to 600mm off of the kerb to represent the likely position of a car.

Would the proposed visibility splay be suitable?

Happy to discuss by email or call me on the number below.

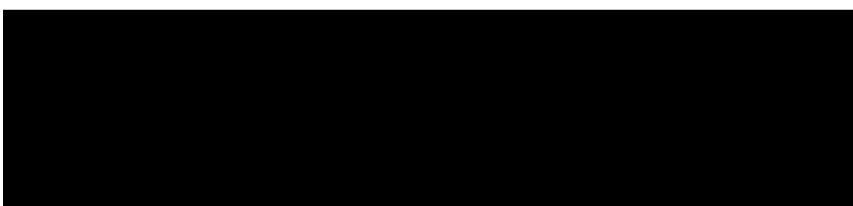
Regards,

Andrew

Andrew Tanner BSc, MCIHT
Transport Planner



Consulting Engineers



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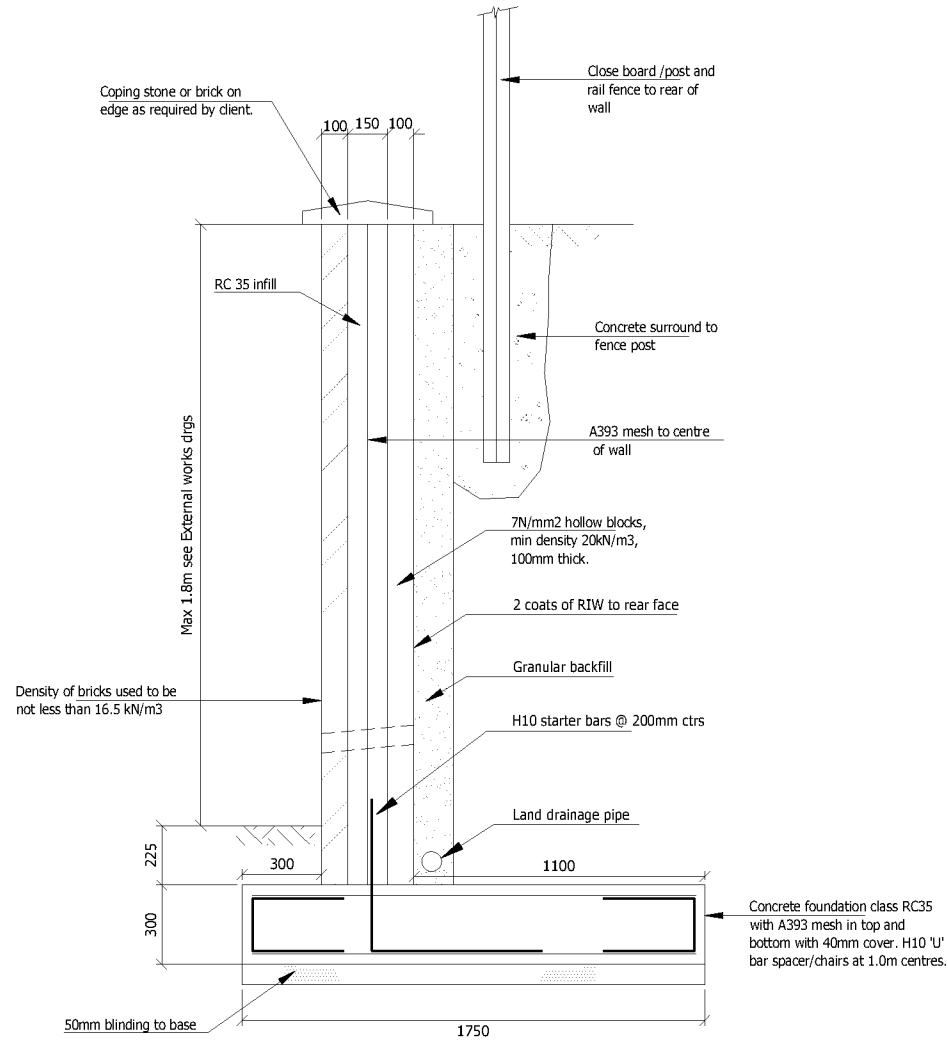
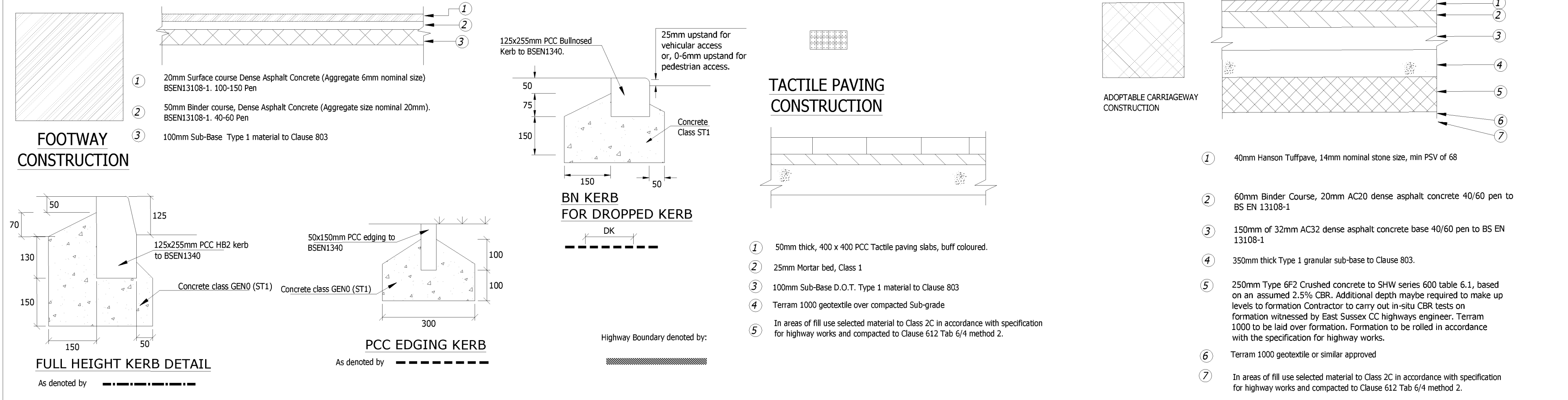
PLEASE THINK GREEN: KEEP IT ON THE SCREEN

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RETAINING WALL 0.9m - 1.8m

As Denoted by:



Road Signs Schedule

No.	TSRGD Ref.	Size	Sign Face Material	Illum.	Description
S1	770	X-height 100mm	Class RA2 Reflective	N	Level Crossing with Barrier
S1	786	600mm	Class RA2 Reflective	N	"Park here and use phone at Crossing"
S1	773	600mm	Class RA2 Reflective	N	"Stop when lights show", level crossing warning
S1	572	600mm	Class RA2 Reflective	N	50 yards to hazard (level crossing)
S2	622.2	600mm	Class RA2 Reflective	N	End of Prohibition of goods vehicles
S2	670	600mm	Class RA2 Reflective	N	Speed Limit 30mph

Notes

Road signs refer to TSRGD 2016. All signing to be carried out in accordance with Series 1200 of the specification for highway works and BS EN12899-1:2007. All signs to have a minimum clearance of 500mm to kerb face.

Road markings refer to TSRGD 2016. Road marking to be carried out in accordance with Series 1200 of the specification for highway works.

Site Location
1:1250

ROAD MARKING SCHEDULE			
TSR&G DIAGRAM NO	ITEM	UNIT	QUANTITY
10023		m	1.00
1003		m	11.10
1009		m	6.30
100H (100MM WIDE)		m	4.73



GENERAL NOTES

1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations, record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. any discrepancies shall be notified to gta prior to works commencing.
2. Tender or billing drawings shall not be used for construction or the ordering of materials.
3. Do not scale. All dimensions and levels to be site confirmed.
4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements.
5. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.
6. All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Clients risk. gta hold no responsibility for resulting abortive works or costs.

DESIGN NOTES

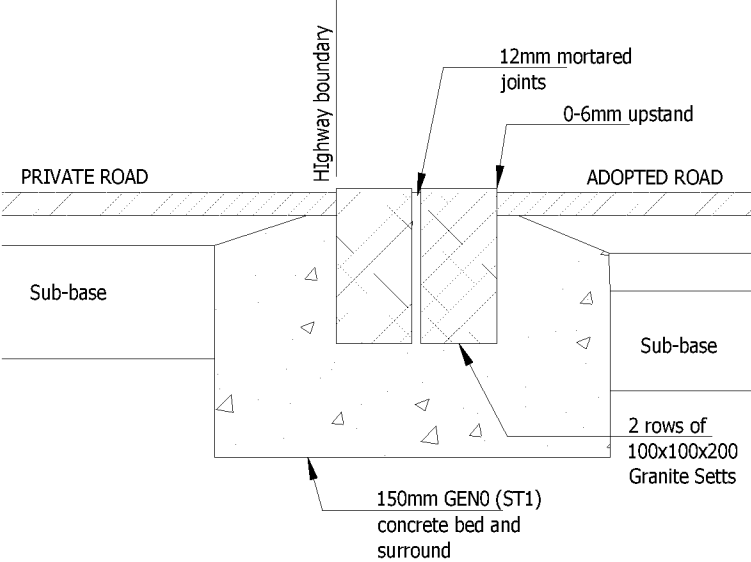
1. PROPOSED WORKS SUBJECT TO SECTION 278 TECHNICAL APPROVAL FROM WEST SUSSEX COUNTY COUNCIL HIGHWAYS.

2. CBR TESTS TO BE TAKEN AT FORMATION LEVEL OF NEW CARRIAGEWAY TO CONFIRM MAKE-UP.

3. CONTRACTOR TO INVESTIGATE ALL EXISTING SERVICES PRIOR TO WORKS COMMENCING ON SITE AND LIAISE WITH STATUTORY AUTHORITIES IF NECESSARY.

4. EXISTING TREES TO BE PROTECTED.

SUBJECT TO WEST SUSSEX COUNTY COUNCIL APPROVAL



GRANITE SETT DETAIL

As denoted by



A	PEDESTRIAN VISIBILITY SPLAY REVISED	19.11.2019	ART	LS
-	INITIAL ISSUE	25.09.2019	ART	LS
Rev	Amendments	Date	Dsn	Chk

TENDER

Client
FOLKES ARCHITECTS

Architect
Project
LAND AT TODDINGTON ROAD WEST SUSSEX

SECTION 278 AGREEMENT PLAN GENERAL ARRANGEMENT

Date	SEPT 2019	Scale @ A1	1:250
Clients Ref.		Project Ref.	

gtaCivils
Consulting Engineers

Gloucester House, 66a Church Walk,
Burgess Hill, West Sussex, RH15 9AS
Tel.01444 871444 Web: www.gtacivils.co.uk

Drawing Number
10053_300

Rev.
A

AUTOMATIC TRAFFIC COUNT REPORT

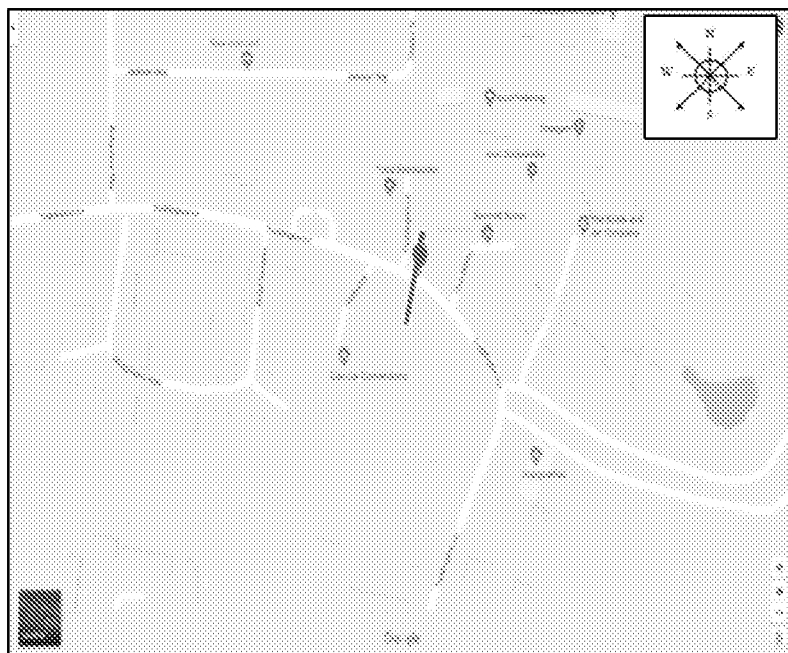
REF: Site No: 14051901

SITE LOCATION: Toddington Lane, Littlehampton

Client: GTA Civils

DATE: Thursday 7th November 2019 - Wednesday 13th November 2019

Requester: Andrew Tanner



		Direction 1			Direction 2		
Summary		East Bound			West Bound		
		Total Vehicles	Mean Average	85%ile Speed	Total Vehicles	Mean Average	85%ile Speed
Thursday	07/11/2019	1880	25.9	30.1	1879	23.4	27.7
Friday	08/11/2019	1840	25.8	29.6	1813	23.3	27.2
Saturday	09/11/2019	1314	25.8	29.5	1120	25.1	30.0
Sunday	10/11/2019	1190	26.4	30.2	1274	24.0	28.1
Monday	11/11/2019	1829	26.3	30.0	1764	24.1	28.0
Tuesday	12/11/2019	1624	26.3	30.4	1499	24.3	28.6
Wednesday	13/11/2019	1619	25.9	30.0	1480	24.0	28.5
Week Total		11296	26.0	30.0	10829	23.9	28.1